

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN022519\
 Data File : VN053930.D
 Acq On : 25 Feb 2019 15:23
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN022519

Quant Time: Feb 26 06:16:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 05:37:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	745853	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1144799	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1002315	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	489553	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	405997	46.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.88%	
35) Dibromofluoromethane	7.59	113	370065	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	
50) Toluene-d8	10.09	98	1382919	50.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.36%	
62) 4-Bromofluorobenzene	12.40	95	470159	51.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.42%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	344031	50.119	ug/l	99
3) Chloromethane	2.06	50	455875	47.879	ug/l	98
4) Vinyl Chloride	2.19	62	460095	48.228	ug/l	99
5) Bromomethane	2.57	94	300049	47.491	ug/l	100
6) Chloroethane	2.71	64	273341	46.071	ug/l	99
7) Trichlorofluoromethane	3.02	101	589553	48.374	ug/l	99
8) Diethyl Ether	3.41	74	227272	49.774	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.76	101	378968	49.234	ug/l	95
10) Methyl Iodide	3.95	142	502405	49.673	ug/l	98
11) Tert butyl alcohol	4.77	59	126665	228.531	ug/l	99
12) 1,1-Dichloroethene	3.74	96	355705	48.312	ug/l	95
13) Acrolein	3.61	56	99604	173.573	ug/l	99
14) Allyl chloride	4.32	41	644848	49.936	ug/l	95
15) Acrylonitrile	4.98	53	719636	246.349	ug/l	100
16) Acetone	3.81	43	634169	275.239	ug/l	97
17) Carbon Disulfide	4.05	76	1124220	47.331	ug/l	98
18) Methyl Acetate	4.32	43	291899	47.747	ug/l	94
19) Methyl tert-butyl Ether	5.04	73	999145	50.587	ug/l	97
20) Methylene Chloride	4.55	84	401143	46.357	ug/l	92
21) trans-1,2-Dichloroethene	5.04	96	386975	48.561	ug/l	94
22) Diisopropyl ether	5.95	45	1281645	51.445	ug/l	97
23) Vinyl Acetate	5.89	43	4698366	262.158	ug/l	95
24) 1,1-Dichloroethane	5.85	63	743515	48.667	ug/l	99
25) 2-Butanone	6.83	43	871668	253.912	ug/l	95
26) 2,2-Dichloropropane	6.82	77	555166	51.148	ug/l	98
27) cis-1,2-Dichloroethene	6.83	96	435217	49.108	ug/l	95
28) Bromochloromethane	7.19	49	348594	49.849	ug/l	83
29) Tetrahydrofuran	7.21	42	563456	246.468	ug/l	92
30) Chloroform	7.37	83	710449	47.958	ug/l	100
31) Cyclohexane	7.65	56	718354	51.391	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	602913	49.360	ug/l	97
36) 1,1-Dichloropropene	7.79	75	567507	53.306	ug/l	97
37) Ethyl Acetate	6.93	43	377444	49.652	ug/l	97
38) Carbon Tetrachloride	7.77	117	534280	48.253	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.08	83	701275	54.651	ug/l	96
40) Benzene	8.04	78	1675577	51.232	ug/l	100
41) Methacrylonitrile	7.17	41	187003	38.204	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	513251	50.689	ug/l	97
43) Isopropyl Acetate	8.16	43	667464	52.003	ug/l #	91
44) Trichloroethene	8.83	130	441781	50.951	ug/l	94
45) 1,2-Dichloropropane	9.12	63	447928	50.764	ug/l	100
46) Dibromomethane	9.21	93	255249	49.827	ug/l	94
47) Bromodichloromethane	9.40	83	543862	50.377	ug/l	99
48) Methyl methacrylate	9.20	41	315036	53.362	ug/l	94
49) 1,4-Dioxane	9.20	88	71979	900.164	ug/l #	94
51) 4-Methyl-2-Pentanone	9.98	43	1779528	269.809	ug/l	96
52) Toluene	10.16	92	1004931	52.182	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	569810	54.246	ug/l	98
54) cis-1,3-Dichloropropene	9.84	75	659346	53.245	ug/l	95
55) 1,1,2-Trichloroethane	10.56	97	361038	50.199	ug/l	99
56) Ethyl methacrylate	10.43	69	466223	49.460	ug/l	91
57) 1,3-Dichloropropane	10.71	76	628814	51.745	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	1173848	266.413	ug/l	96
59) 2-Hexanone	10.75	43	1173010	273.454	ug/l	95
60) Dibromochloromethane	10.90	129	408705	51.132	ug/l	99
61) 1,2-Dibromoethane	11.00	107	350350	50.498	ug/l	99
64) Tetrachloroethene	10.63	164	426693	50.274	ug/l	98
65) Chlorobenzene	11.43	112	1082913	51.193	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	392390	51.469	ug/l	100
67) Ethyl Benzene	11.51	91	1884238	53.133	ug/l	99
68) m/p-Xylenes	11.62	106	1449055	108.265	ug/l	97
69) o-Xylene	11.95	106	695832	52.910	ug/l	98
70) Styrene	11.96	104	1134460	56.084	ug/l	99
71) Bromoform	12.13	173	278072	52.429	ug/l #	100
73) Isopropylbenzene	12.25	105	1836974	48.204	ug/l	99
74) N-amyl acetate	12.07	43	519006	51.963	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.50	83	437413	45.900	ug/l	100
76) 1,2,3-Trichloropropane	12.55	75	551702	70.251	ug/l #	100
77) Bromobenzene	12.53	156	466065	48.170	ug/l	92
78) n-propylbenzene	12.59	91	2196962	50.692	ug/l	98
79) 2-Chlorotoluene	12.67	91	1260316	48.409	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	1584803	50.798	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	124169	49.973	ug/l	95
82) 4-Chlorotoluene	12.77	91	1300786	50.553	ug/l	97
83) tert-Butylbenzene	12.99	119	1334688	48.371	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	1609926	51.689	ug/l	99
85) sec-Butylbenzene	13.17	105	1899518	50.403	ug/l	99
86) p-Isopropyltoluene	13.29	119	1657500	52.025	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	847188	50.616	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	836226	51.497	ug/l	99
89) n-Butylbenzene	13.61	91	1489935	55.491	ug/l	99
90) Hexachloroethane	13.87	117	286903	46.471	ug/l	94
91) 1,2-Dichlorobenzene	13.65	146	810264	50.010	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	65227	48.435	ug/l	92

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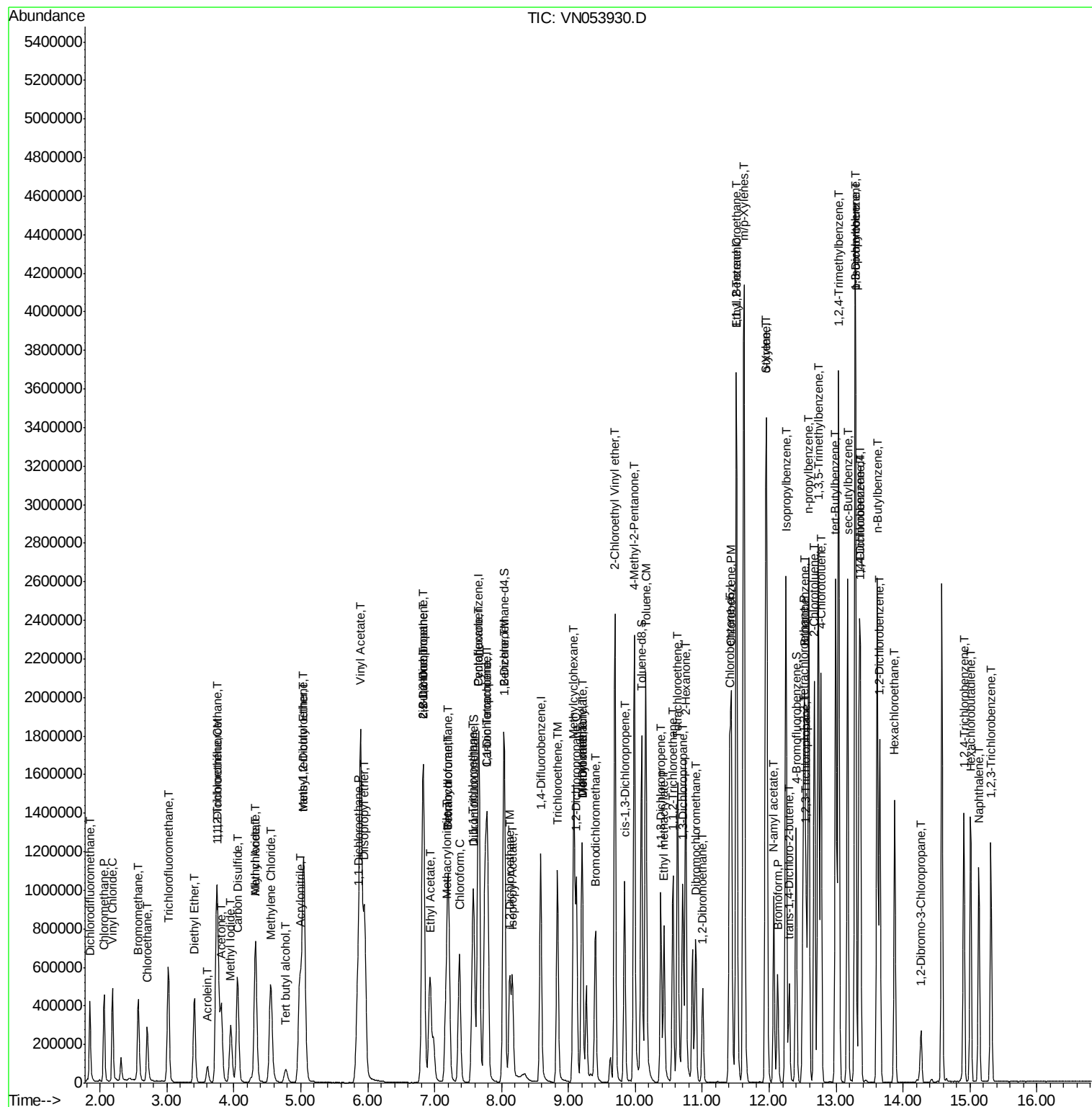
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	469876	52.120	ug/l	99
94) Hexachlorobutadiene	15.01	225	291449	49.798	ug/l	99
95) Naphthalene	15.13	128	960068	49.560	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	443540	51.345	ug/l	98

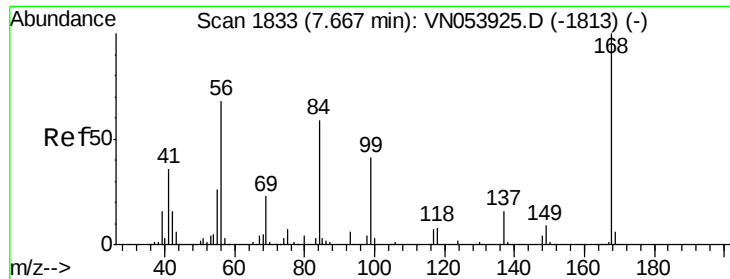
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN022519\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN053930.D

Acq: 25 Feb 2019 15:23

Instrument :

MSVOA_N

ClientSampleId :

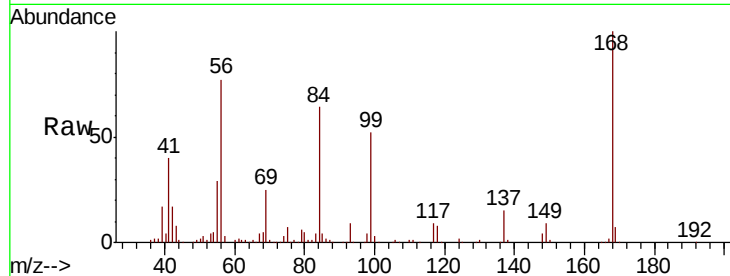
ICVVN022519

Tgt Ion:168 Resp: 745853

Ion Ratio Lower Upper

168 100

99 51.3 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): VN053930.D (-1740) (-)

Ion 98.90 (98.60 to 99.60): VN053930.D (-1740) (-)

7.66

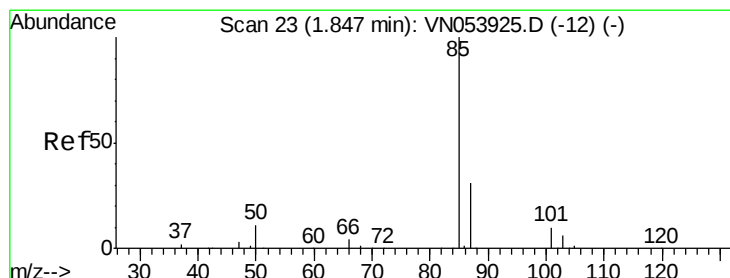
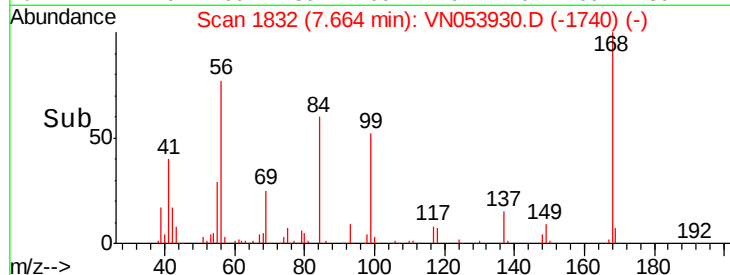
300000

200000

100000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 50.119 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN053930.D

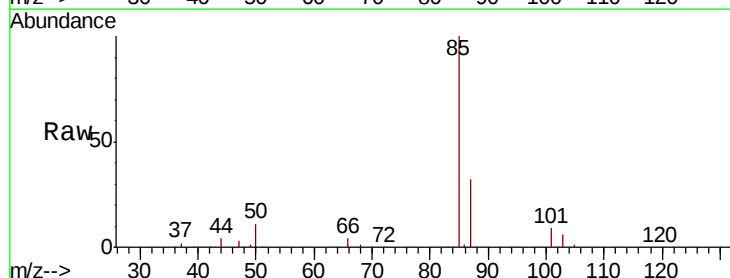
Acq: 25 Feb 2019 15:23

Tgt Ion: 85 Resp: 344031

Ion Ratio Lower Upper

85 100

87 32.1 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VN053930.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VN053930.D (-1) (-)

1.85

250000

200000

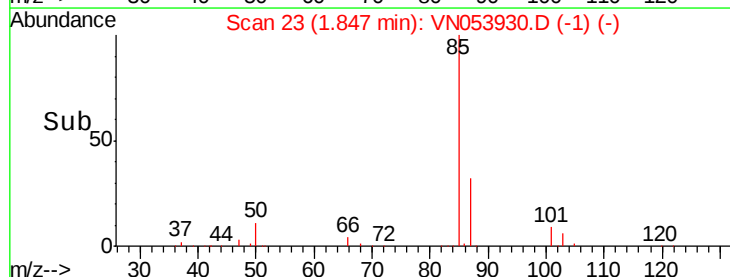
150000

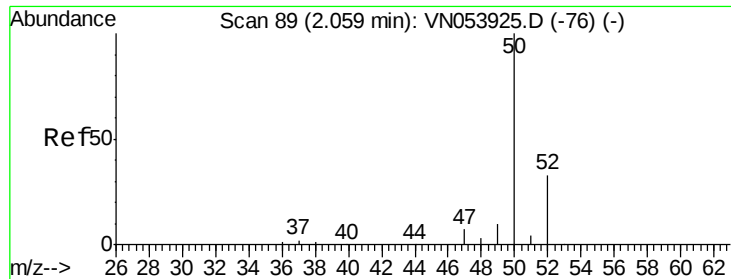
100000

50000

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Time-->

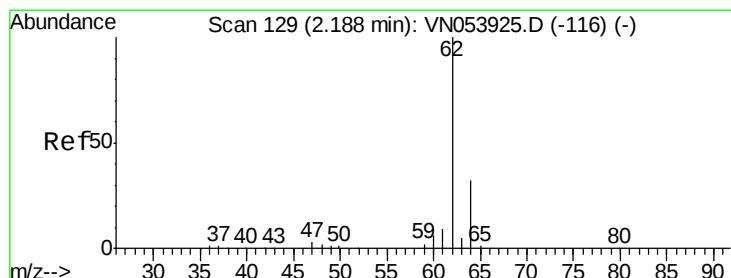
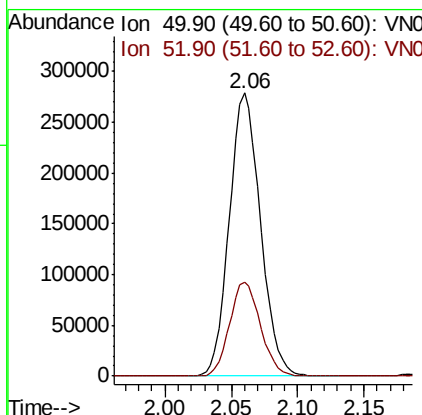
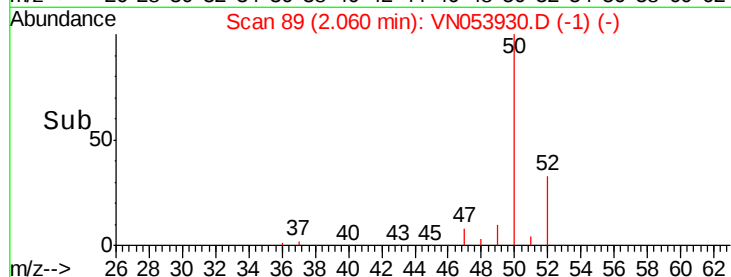
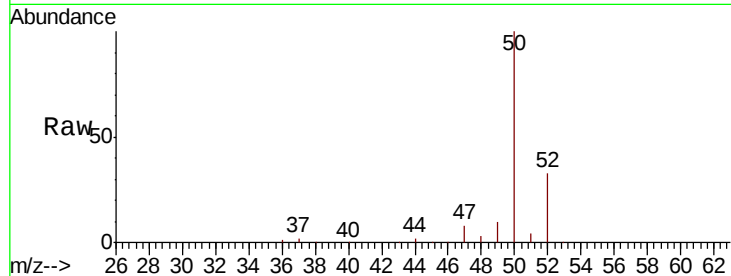




#3
 Chloromethane
 Concen: 47.879 ug/l
 RT: 2.06 min Scan# 89
 Delta R.T. 0.00 min
 Lab File: VN053930.D
 Acq: 25 Feb 2019 15:23

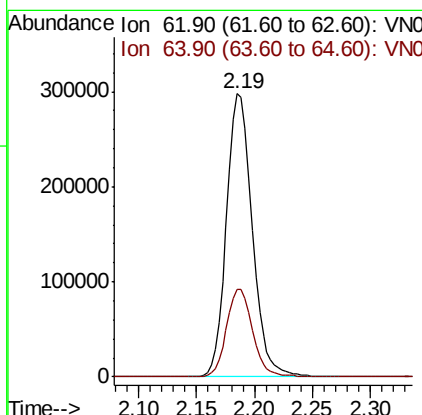
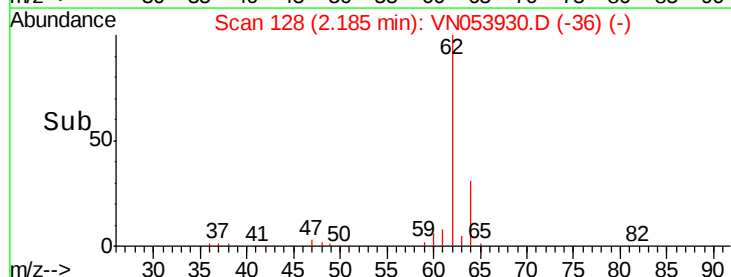
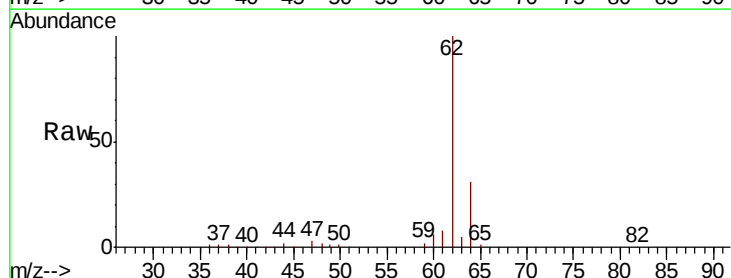
Instrument :
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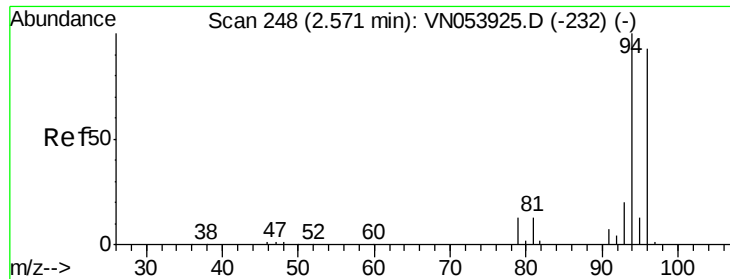
Tgt Ion: 50 Resp: 455875
 Ion Ratio Lower Upper
 50 100
 52 33.4 26.0 39.0



#4
 Vinyl Chloride
 Concen: 48.228 ug/l
 RT: 2.19 min Scan# 128
 Delta R.T. -0.00 min
 Lab File: VN053930.D
 Acq: 25 Feb 2019 15:23

Tgt Ion: 62 Resp: 460095
 Ion Ratio Lower Upper
 62 100
 64 30.8 25.1 37.7





#5

Bromomethane

Concen: 47.491 ug/l

RT: 2.57 min Scan# 248

Delta R.T. 0.00 min

Lab File: VN053930.D

Acq: 25 Feb 2019 15:23

Instrument :

MSVOA_N

ClientSampleId :

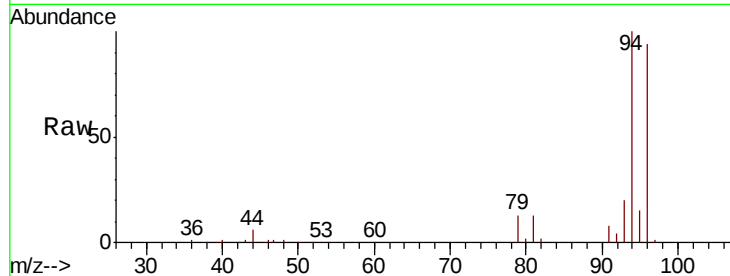
ICVVN022519

Tgt Ion: 94 Resp: 300049

Ion Ratio Lower Upper

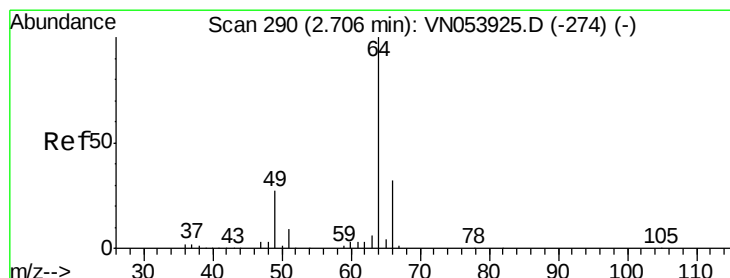
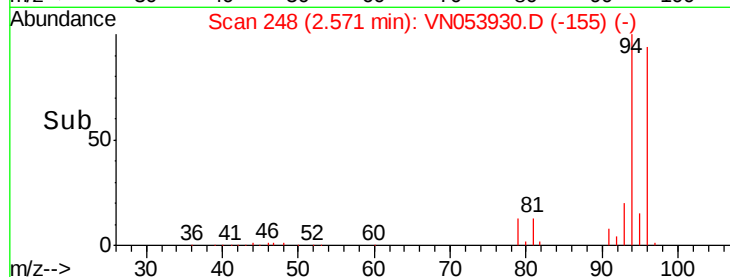
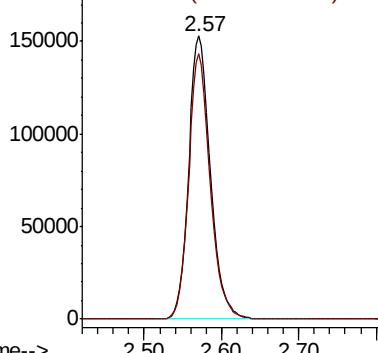
94 100

96 93.7 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 46.071 ug/l

RT: 2.71 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN053930.D

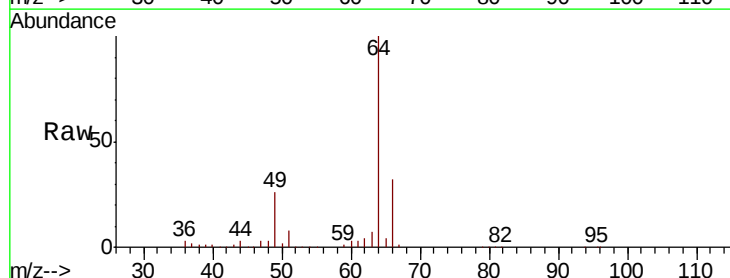
Acq: 25 Feb 2019 15:23

Tgt Ion: 64 Resp: 273341

Ion Ratio Lower Upper

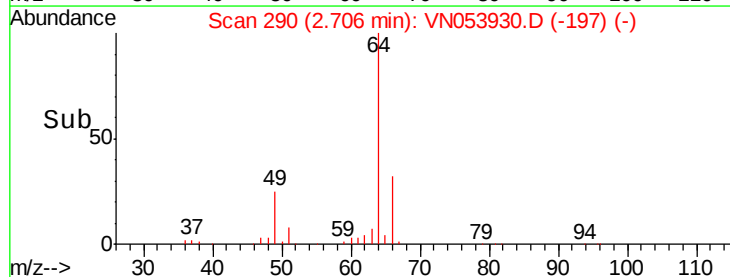
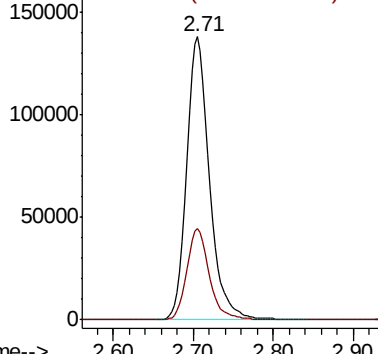
64 100

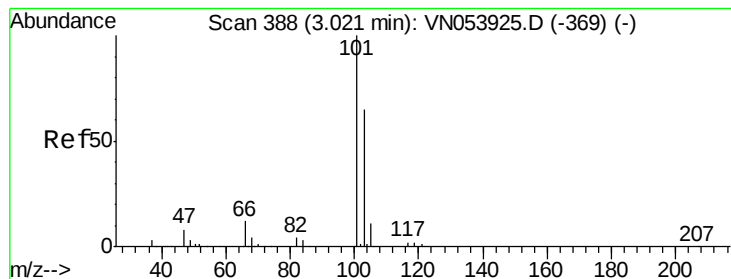
66 32.3 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



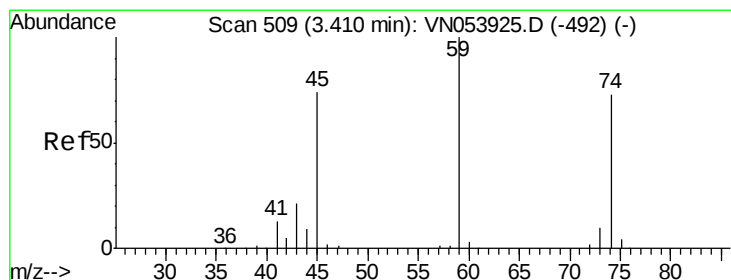
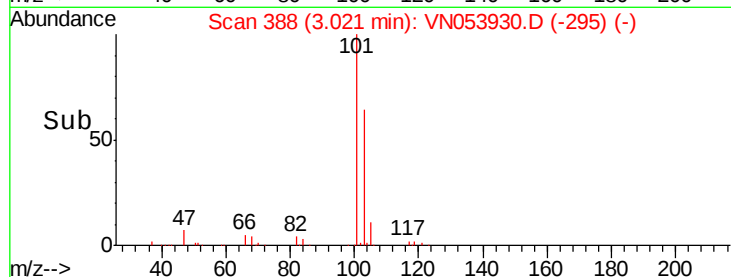
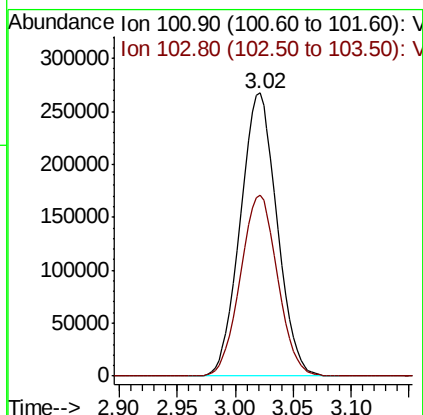
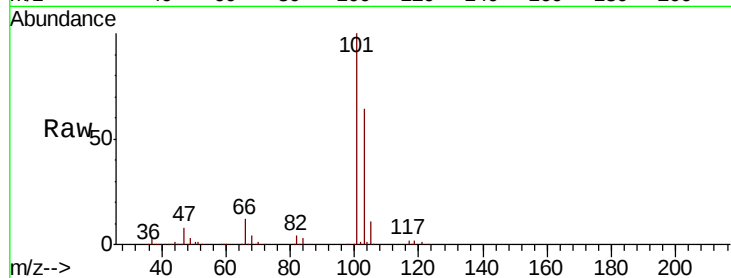


#7

Trichlorofluoromethane
 Concen: 48.374 ug/l
 RT: 3.02 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN053930.D
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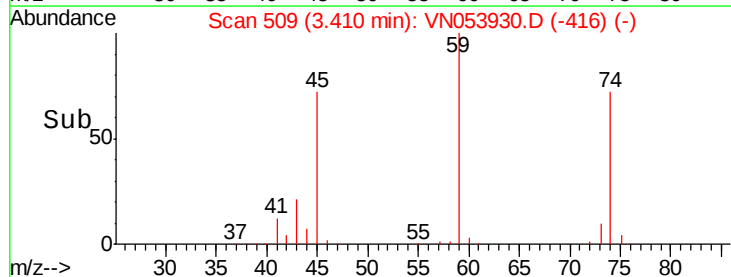
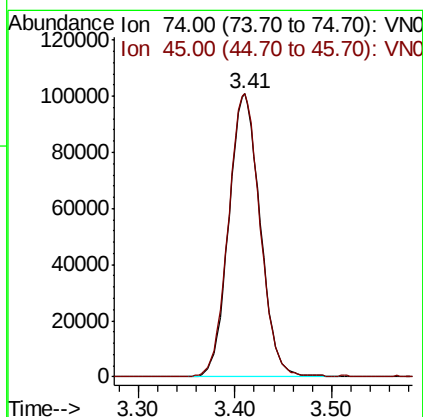
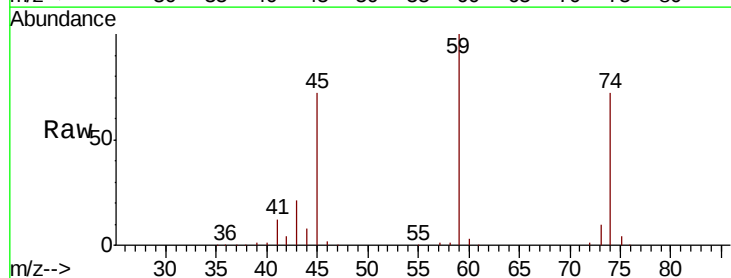
Tgt Ion: 101 Resp: 589553
 Ion Ratio Lower Upper
 101 100
 103 64.0 51.9 77.9

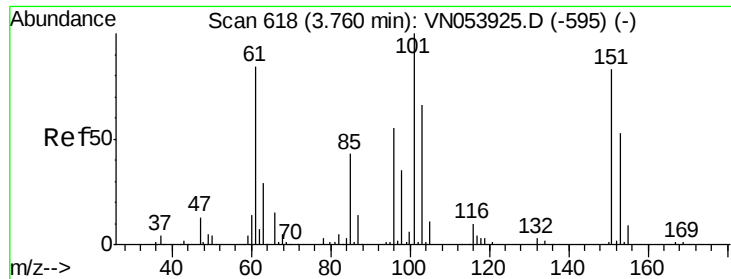


#8

Diethyl Ether
 Concen: 49.774 ug/l
 RT: 3.41 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN053930.D
 Acq: 25 Feb 2019 15:23

Tgt Ion: 74 Resp: 227272
 Ion Ratio Lower Upper
 74 100
 45 100.3 46.9 140.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.234 ug/l

RT: 3.76 min Scan# 618

Delta R.T. 0.00 min

Lab File: VN053930.D

Acq: 25 Feb 2019 15:23

Instrument :

MSVOA_N

ClientSampleId :

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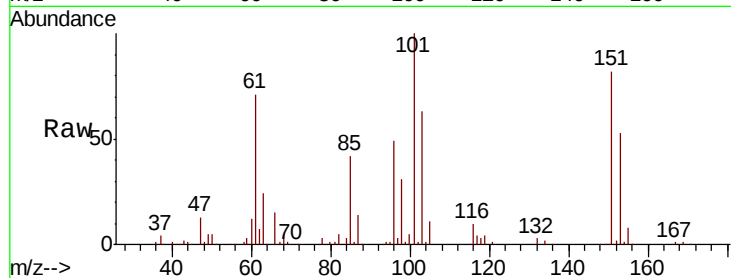
Tgt Ion:101 Resp: 378968

Ion Ratio Lower Upper

101 100

85 42.5 32.5 48.7

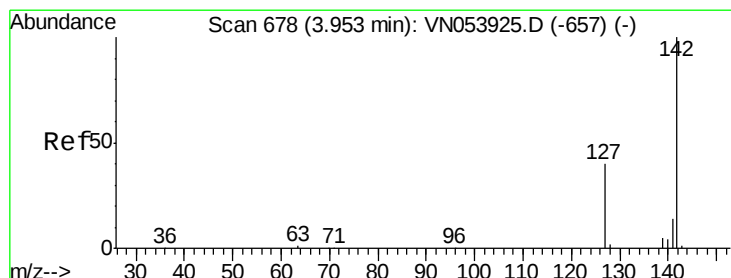
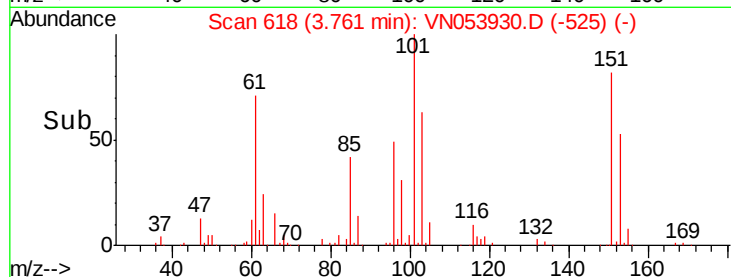
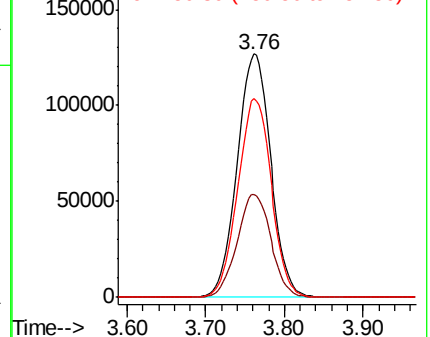
151 81.6 70.2 105.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 49.673 ug/l

RT: 3.95 min Scan# 678

Delta R.T. 0.00 min

Lab File: VN053930.D

Acq: 25 Feb 2019 15:23

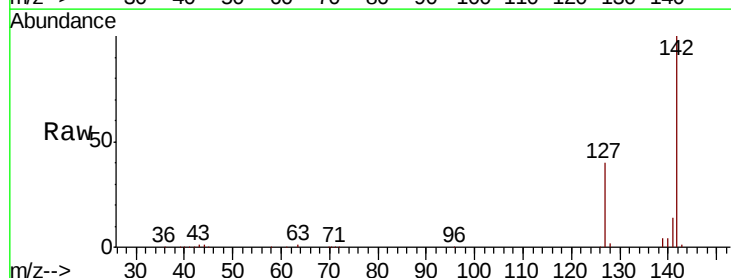
Tgt Ion:142 Resp: 502405

Ion Ratio Lower Upper

142 100

127 39.9 31.0 46.4

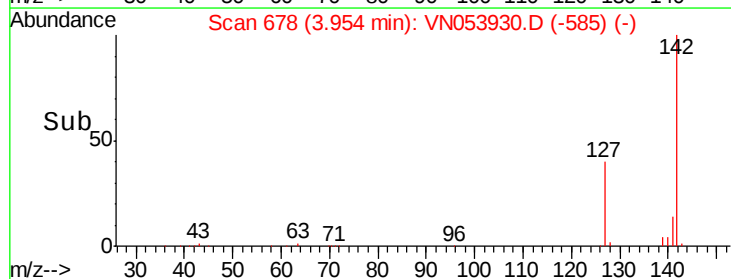
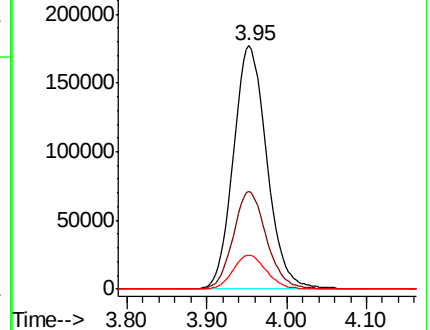
141 14.0 11.3 16.9

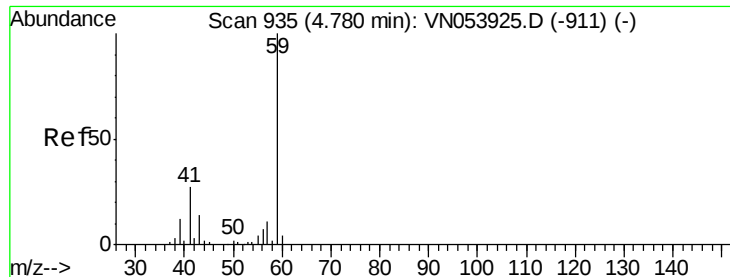


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

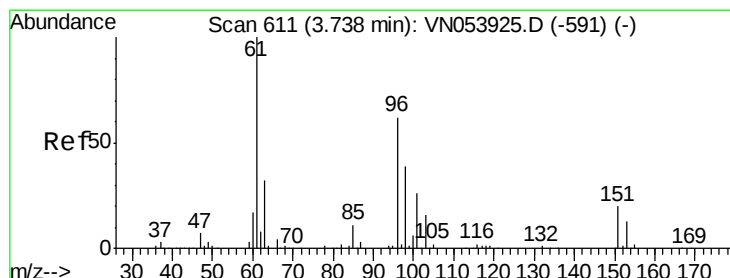
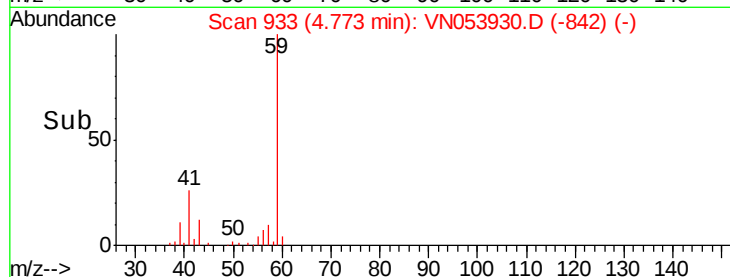
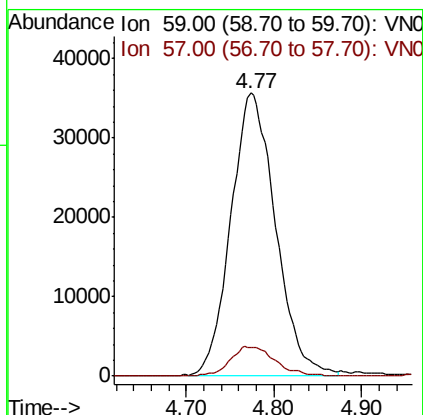
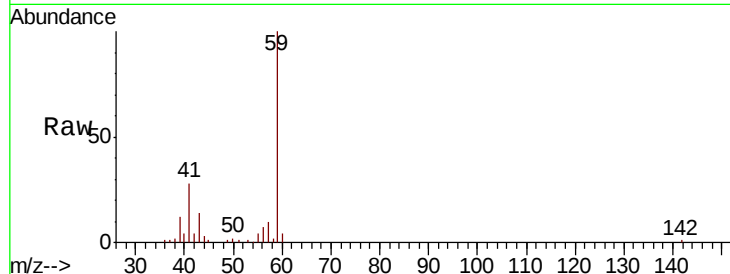




#11
Tert butyl alcohol
Concen: 228.531 ug/l
RT: 4.77 min Scan# 933
Delta R.T. -0.01 min
Lab File: VN053930.D
Acq: 25 Feb 2019 15:23

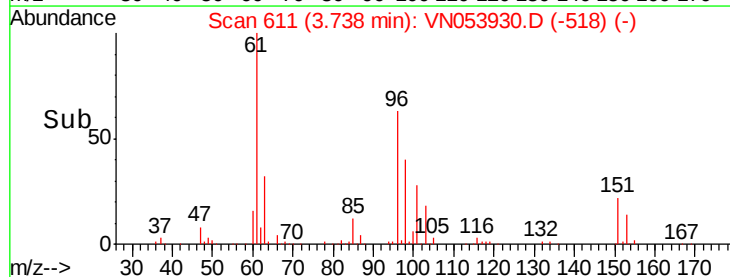
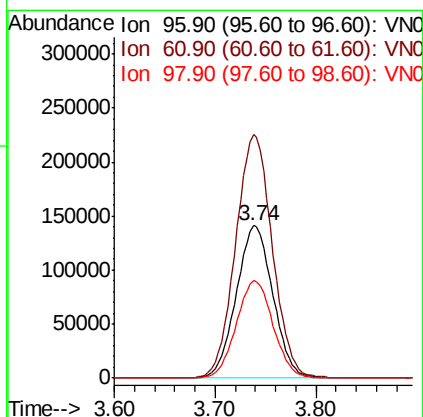
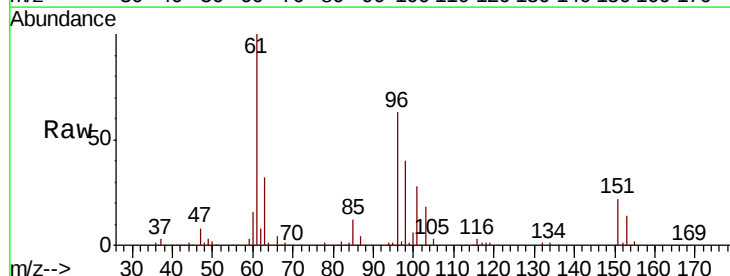
Instrument :
MSVOA_N
ClientSampleId :
ICVVN022519

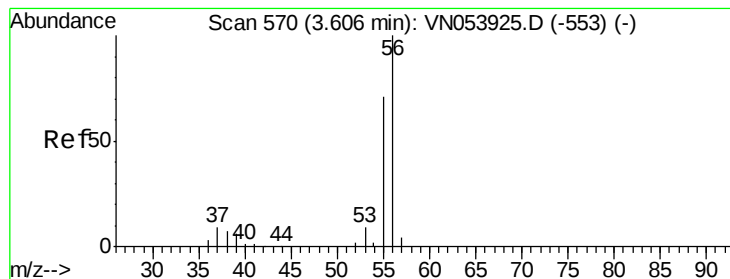
Tgt Ion: 59 Resp: 126665
Ion Ratio Lower Upper
59 100
57 10.4 8.1 12.1



#12
1,1-Dichloroethene
Concen: 48.312 ug/l
RT: 3.74 min Scan# 611
Delta R.T. 0.00 min
Lab File: VN053930.D
Acq: 25 Feb 2019 15:23

Tgt Ion: 96 Resp: 355705
Ion Ratio Lower Upper
96 100
61 159.5 121.0 181.4
98 63.6 52.2 78.2





#13

Acrolein

Concen: 173.573 ug/l

RT: 3.61 min Scan# 570

Delta R.T. 0.00 min

Lab File: VN053930.D

Acq: 25 Feb 2019 15:23

Instrument :

MSVOA_N

ClientSampleId :

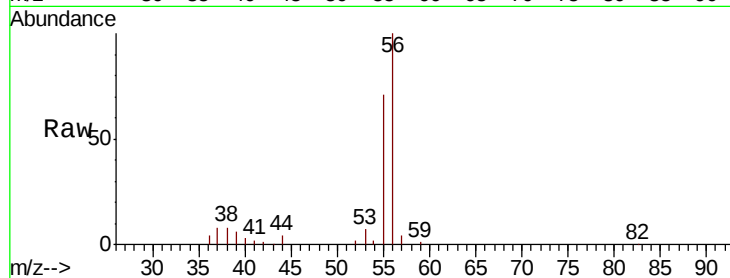
ICVVN022519

Tgt Ion: 56 Resp: 99604

Ion Ratio Lower Upper

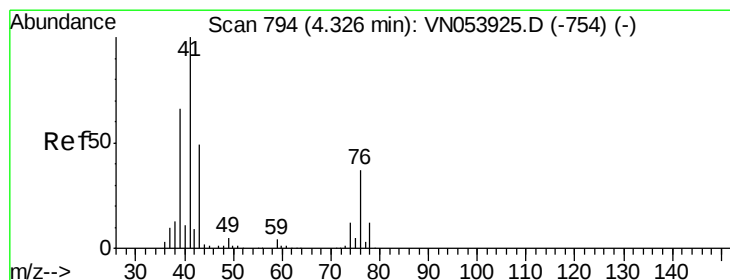
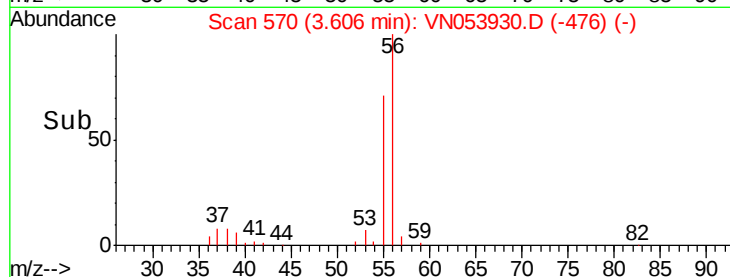
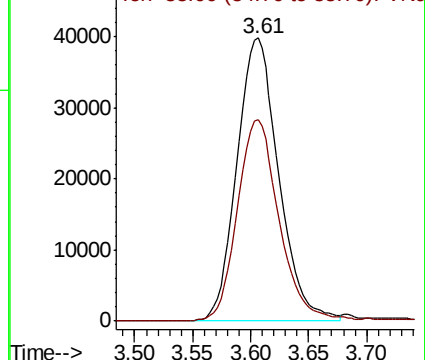
56 100

55 71.0 56.3 84.5



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 49.936 ug/l

RT: 4.32 min Scan# 793

Delta R.T. -0.00 min

Lab File: VN053930.D

Acq: 25 Feb 2019 15:23

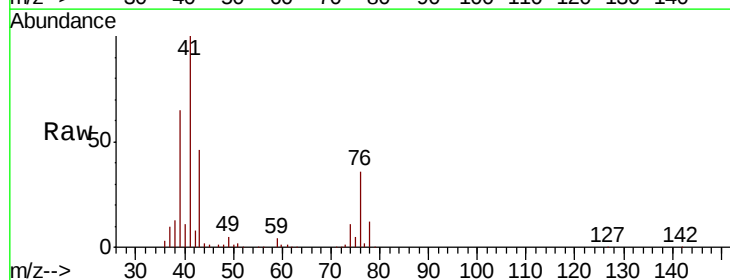
Tgt Ion: 41 Resp: 644848

Ion Ratio Lower Upper

41 100

39 63.1 48.8 73.2

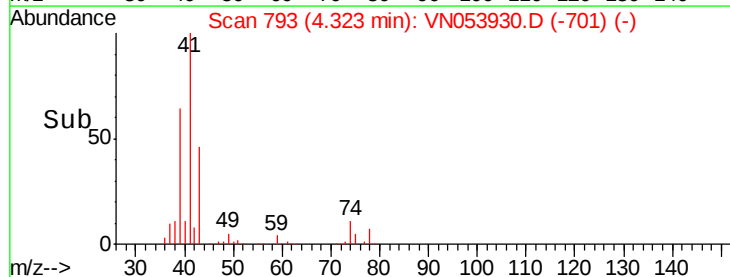
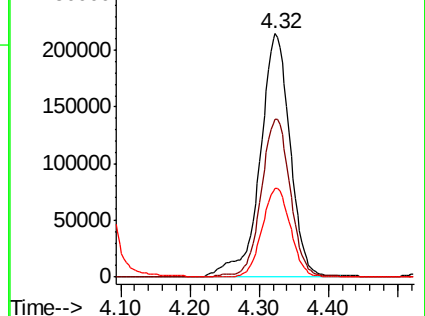
76 34.1 30.9 46.3

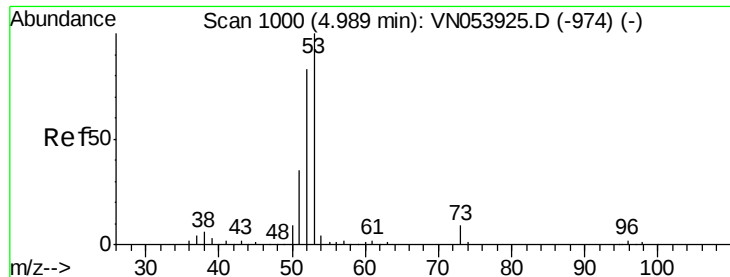


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 246.349 ug/l

RT: 4.98 min Scan# 998

Delta R.T. -0.01 min

Lab File: VN053930.D

Acq: 25 Feb 2019 15:23

Instrument :

MSVOA_N

ClientSampleId :

ICVFN022519

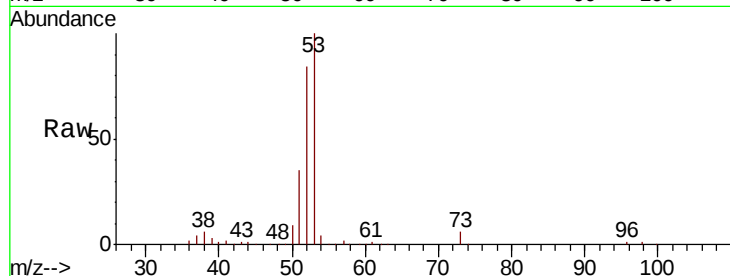
Tgt Ion: 53 Resp: 719636

Ion Ratio Lower Upper

53 100

52 81.1 65.1 97.7

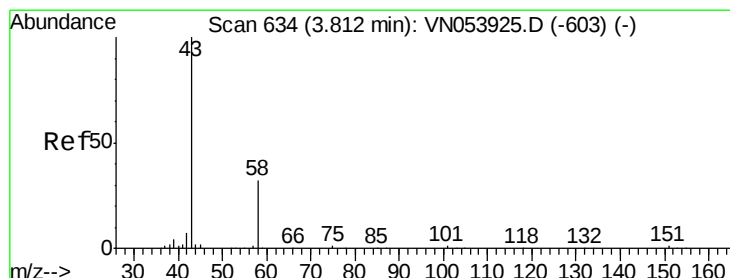
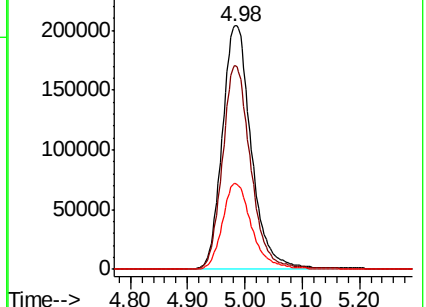
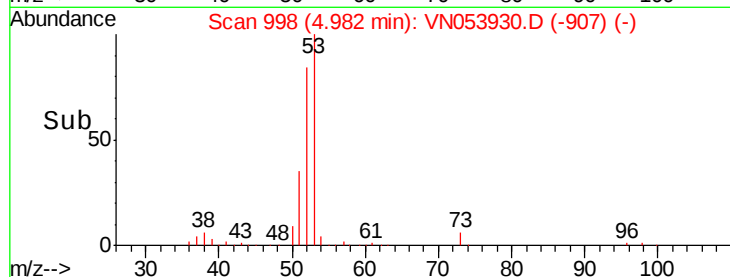
51 35.8 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VN053930.D (-907) (-)

Ion 52.00 (51.70 to 52.70): VN053930.D (-907) (-)

Ion 51.00 (50.70 to 51.70): VN053930.D (-907) (-)



#16

Acetone

Concen: 275.239 ug/l

RT: 3.81 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN053930.D

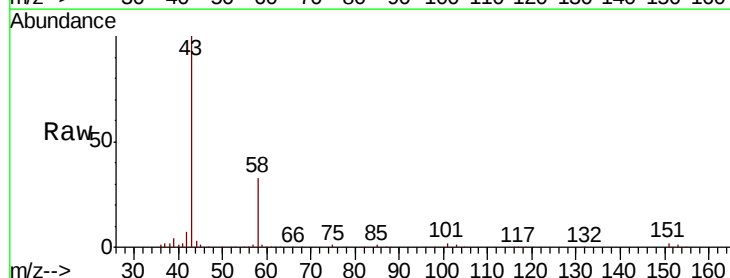
Acq: 25 Feb 2019 15:23

Tgt Ion: 43 Resp: 634169

Ion Ratio Lower Upper

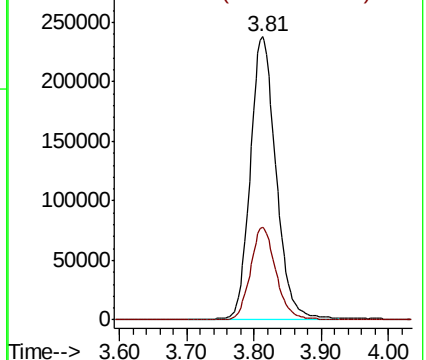
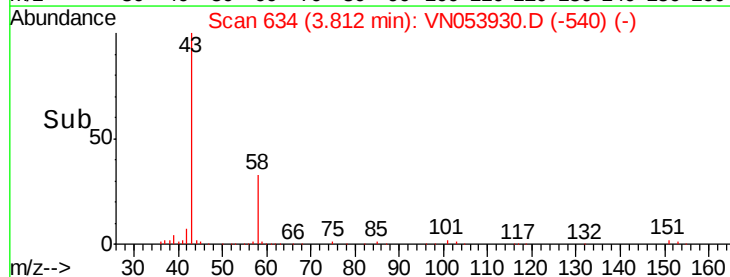
43 100

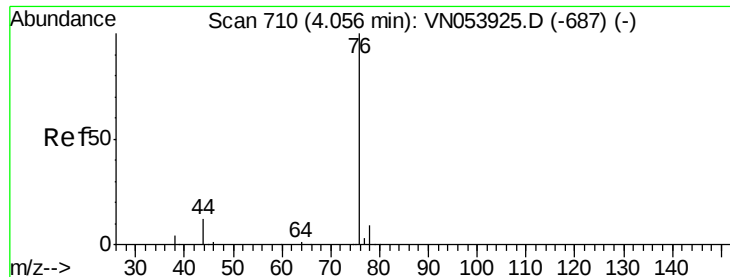
58 32.8 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VN053930.D (-540) (-)

Ion 58.00 (57.70 to 58.70): VN053930.D (-540) (-)

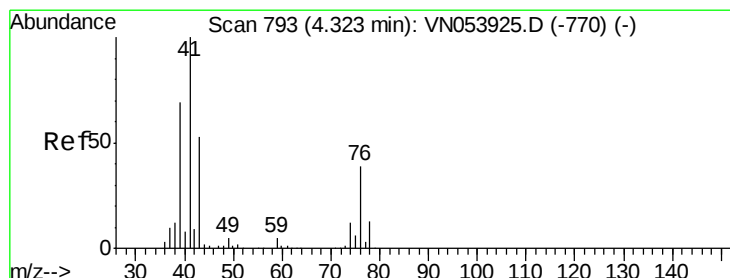
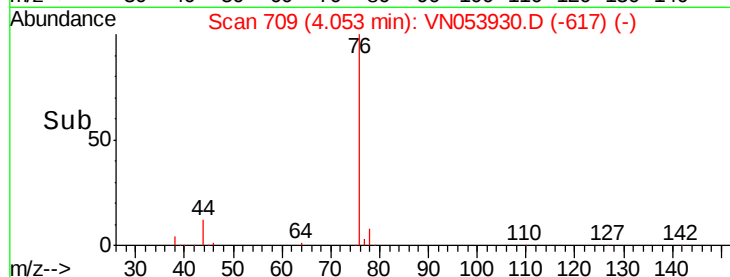
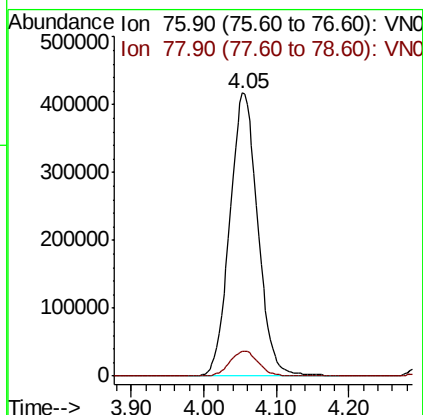
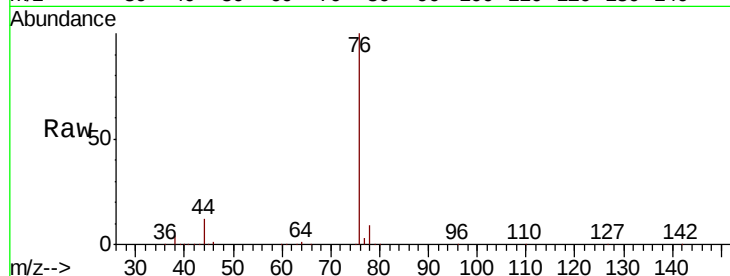




#17
Carbon Disulfide
Concen: 47.331 ug/l
RT: 4.05 min Scan# 709
Delta R.T. -0.00 min
Lab File: VN053930.D
Acq: 25 Feb 2019 15:23

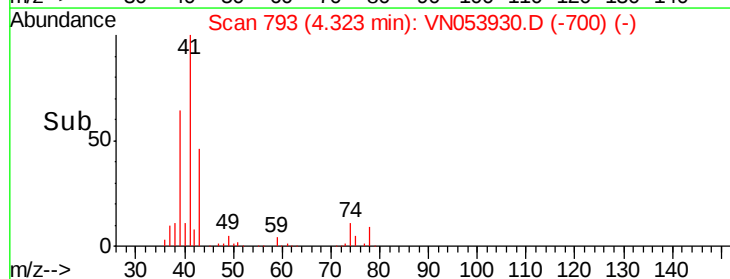
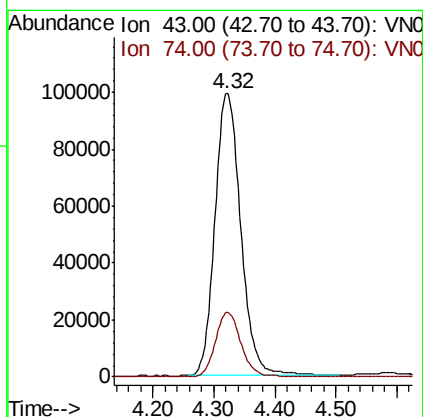
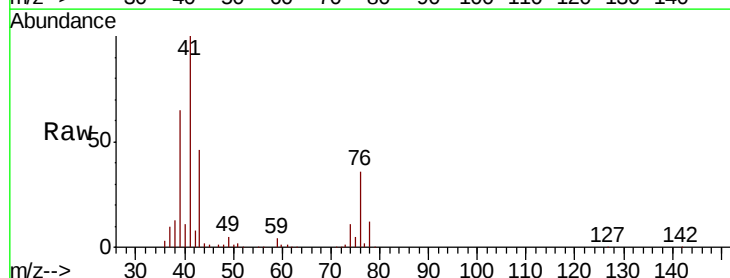
Instrument :
MSVOA_N
ClientSampleId :
ICVVN022519

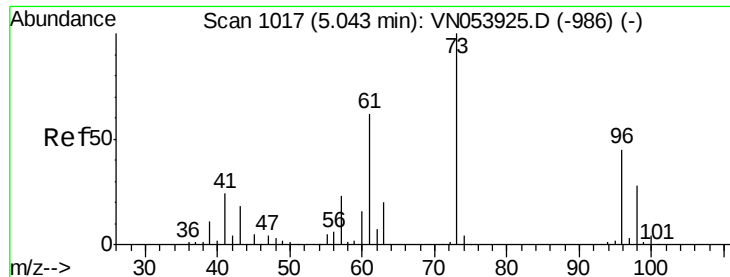
Tgt Ion: 76 Resp: 1124220
Ion Ratio Lower Upper
76 100
78 8.8 7.5 11.3



#18
Methyl Acetate
Concen: 47.747 ug/l
RT: 4.32 min Scan# 793
Delta R.T. 0.00 min
Lab File: VN053930.D
Acq: 25 Feb 2019 15:23

Tgt Ion: 43 Resp: 291899
Ion Ratio Lower Upper
43 100
74 22.6 20.5 30.7

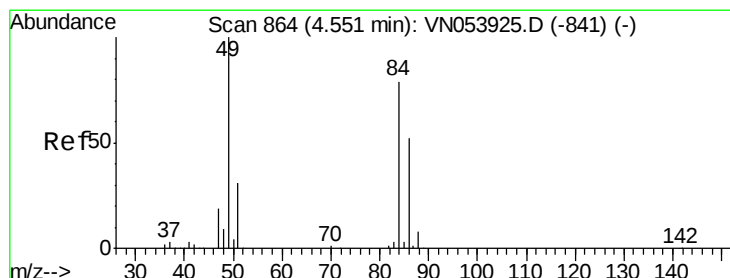
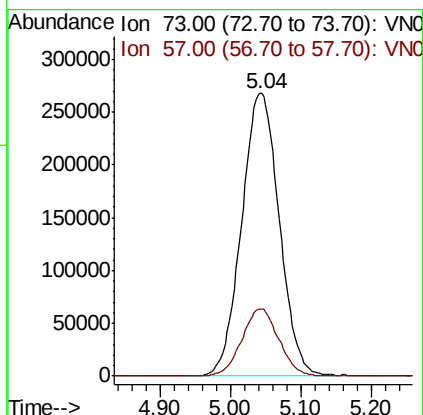
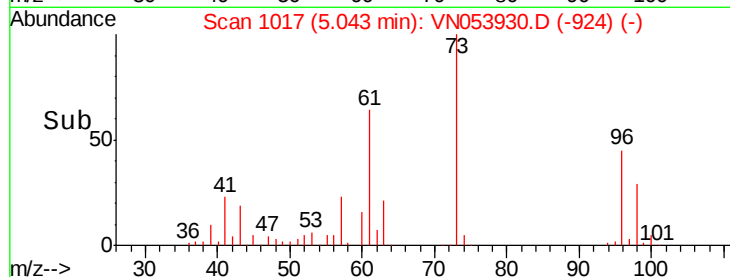
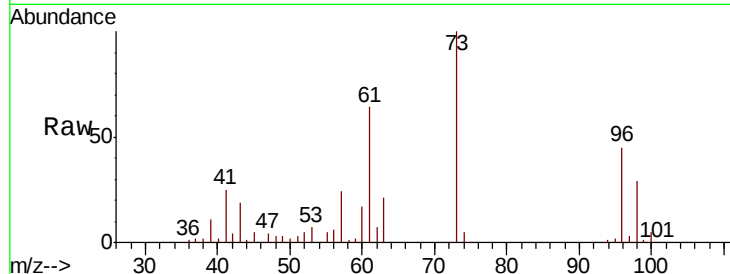




#19
Methyl tert-butyl Ether
Concen: 50.587 ug/l
RT: 5.04 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VN053930.D
Acq: 25 Feb 2019 15:23

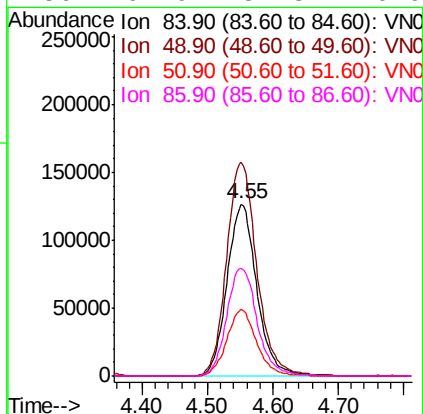
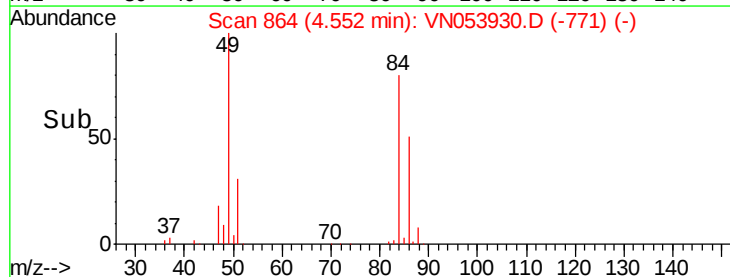
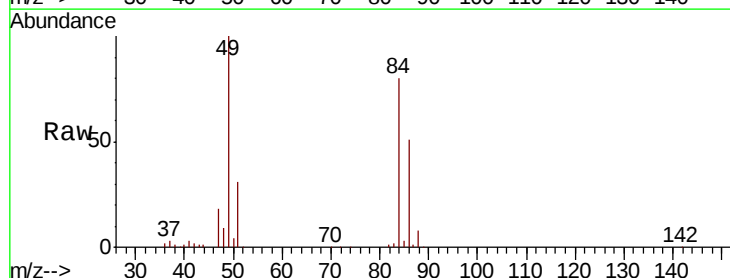
Instrument :
MSVOA_N
ClientSampleId :
ICVVN022519

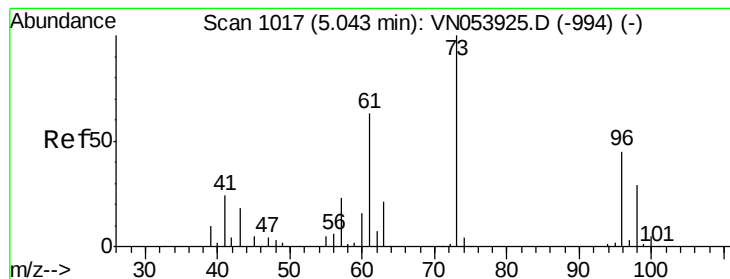
Tgt Ion: 73 Resp: 999145
Ion Ratio Lower Upper
73 100
57 23.7 18.0 27.0



#20
Methylene Chloride
Concen: 46.357 ug/l
RT: 4.55 min Scan# 864
Delta R.T. 0.00 min
Lab File: VN053930.D
Acq: 25 Feb 2019 15:23

Tgt Ion: 84 Resp: 401143
Ion Ratio Lower Upper
84 100
49 124.5 89.7 134.5
51 39.0 27.8 41.8
86 62.9 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 48.561 ug/l

RT: 5.04 min Scan# 1017

Delta R.T. 0.00 min

Lab File: VN053930.D

Acq: 25 Feb 2019 15:23

Instrument :

MSVOA_N

ClientSampleId :

ICVVN022519

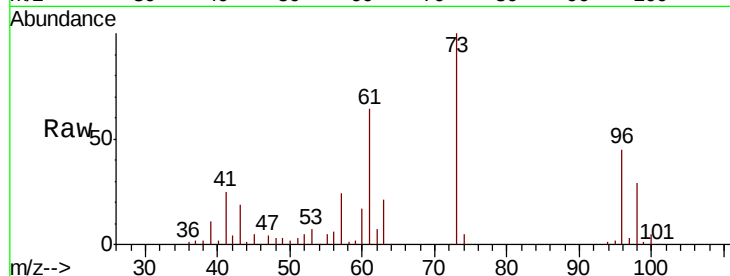
Tgt Ion: 96 Resp: 386975

Ion Ratio Lower Upper

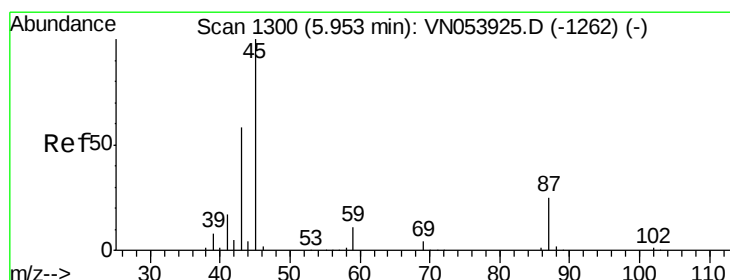
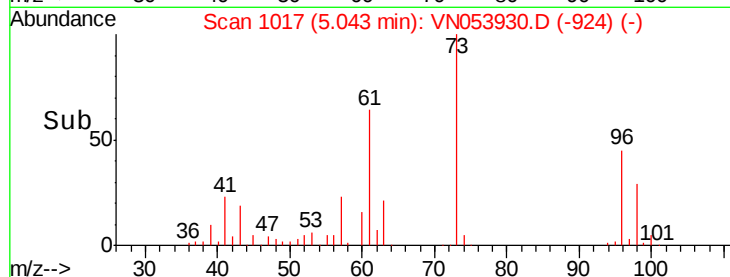
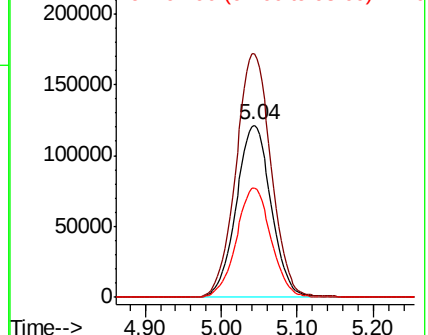
96 100

61 141.4 104.5 156.7

98 63.8 50.6 76.0



Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 51.445 ug/l

RT: 5.95 min Scan# 1299

Delta R.T. -0.00 min

Lab File: VN053930.D

Acq: 25 Feb 2019 15:23

Tgt Ion: 45 Resp: 1281645

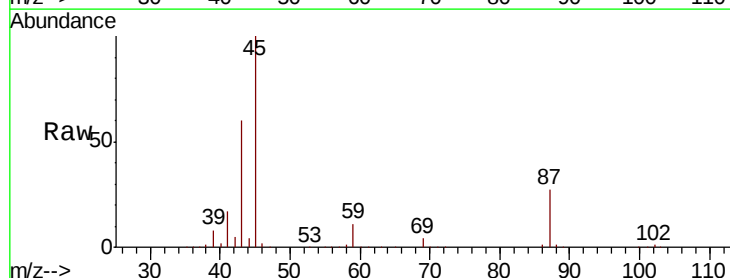
Ion Ratio Lower Upper

45 100

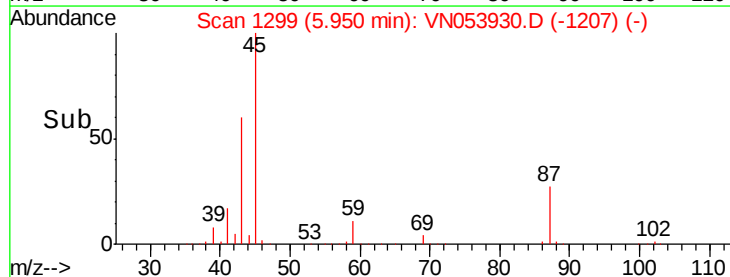
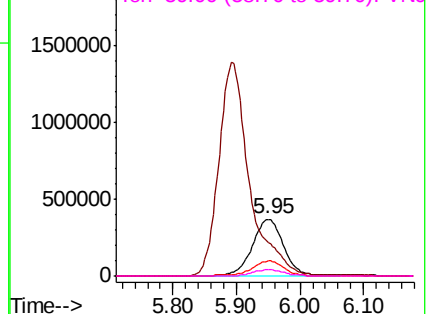
43 59.1 46.2 69.4

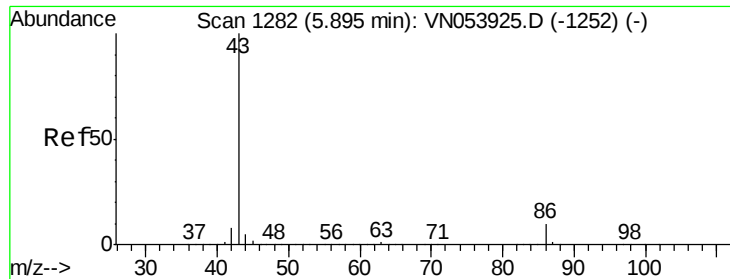
87 26.2 23.4 35.0

59 11.1 9.4 14.0



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0

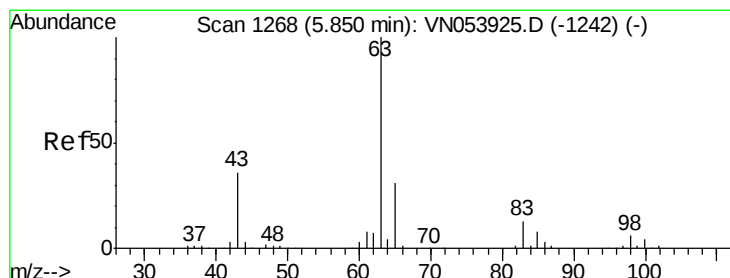
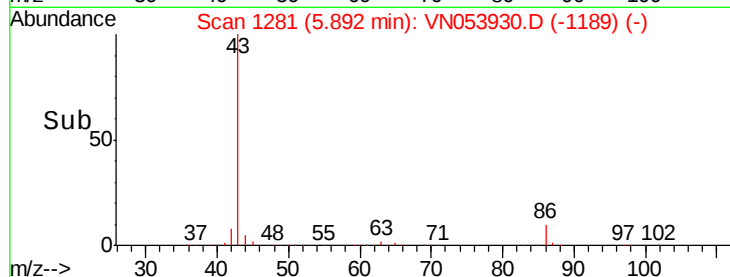
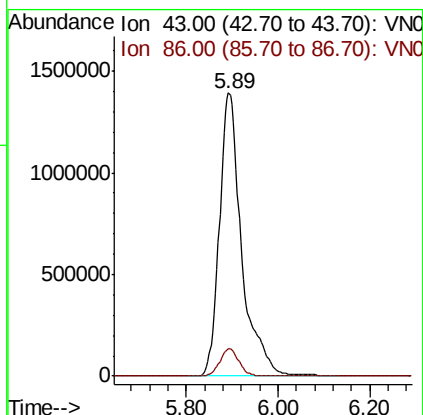
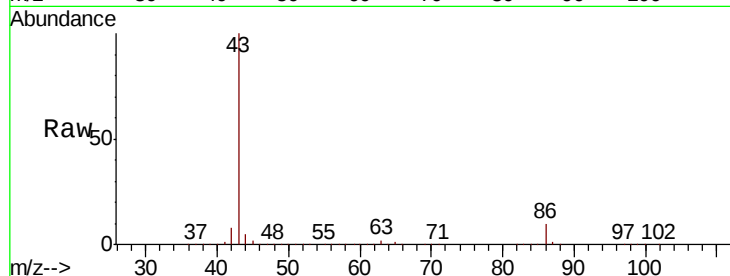




#23
 Vinyl Acetate
 Concen: 262.158 ug/l
 RT: 5.89 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: VN053930.D
 Acq: 25 Feb 2019 15:23

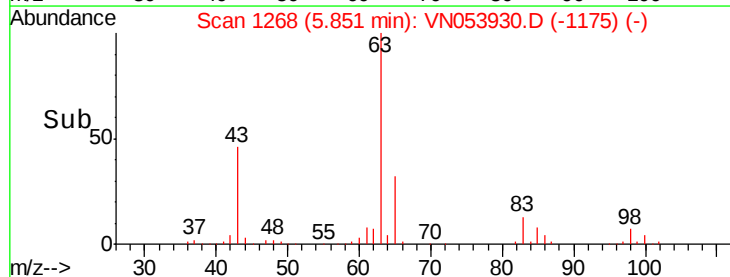
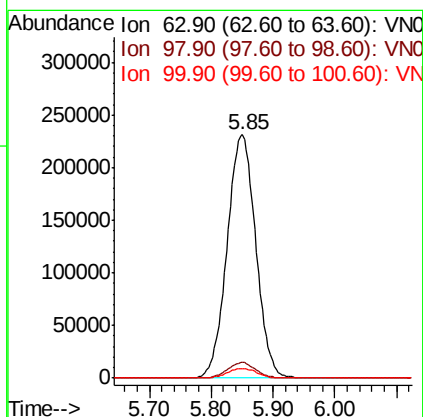
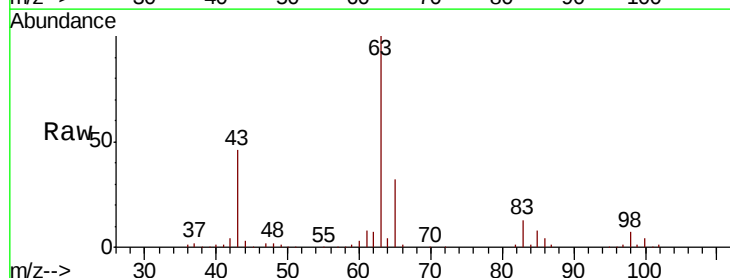
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN022519

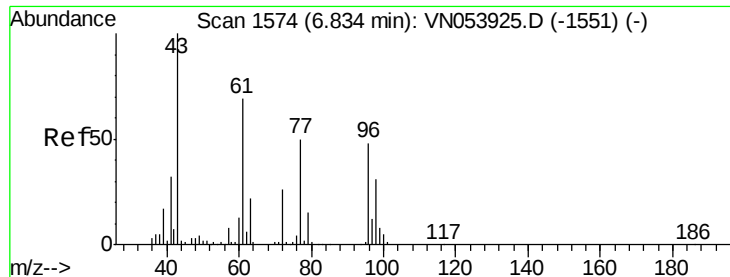
Tgt Ion: 43 Resp: 4698366
 Ion Ratio Lower Upper
 43 100
 86 9.6 9.1 13.7



#24
 1,1-Dichloroethane
 Concen: 48.667 ug/l
 RT: 5.85 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VN053930.D
 Acq: 25 Feb 2019 15:23

Tgt Ion: 63 Resp: 743515
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.4 10.2
 100 4.0 2.2 6.6





#25

2-Butanone

Concen: 253.912 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. -0.00 min

Lab File: VN053930.D

Acq: 25 Feb 2019 15:23

Instrument :

MSVOA_N

ClientSampleId :

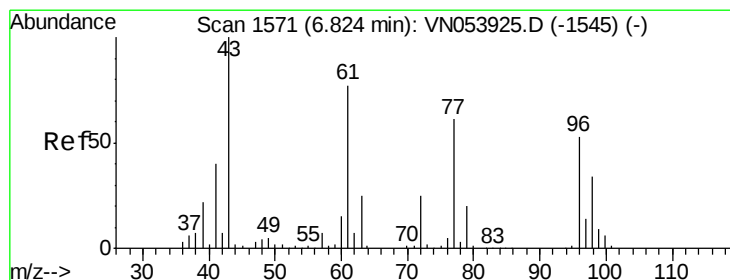
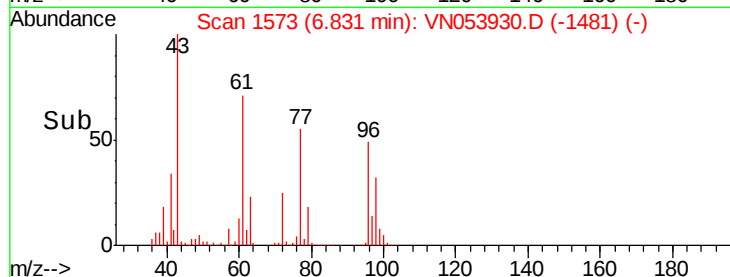
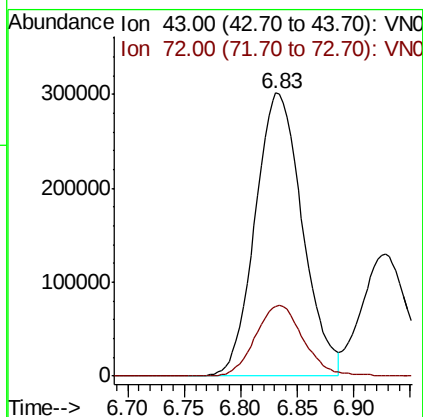
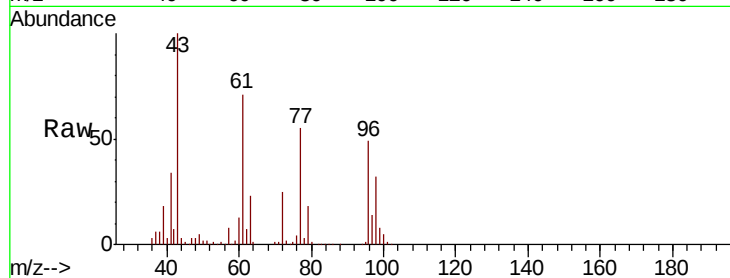
ICVVN022519

Tgt Ion: 43 Resp: 871668

Ion Ratio Lower Upper

43 100

72 24.9 22.1 33.1



#26

2,2-Dichloropropane

Concen: 51.148 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. 0.00 min

Lab File: VN053930.D

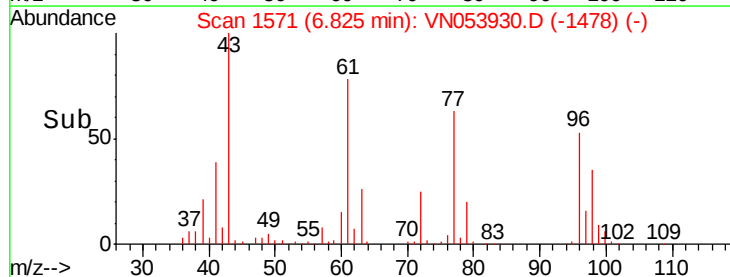
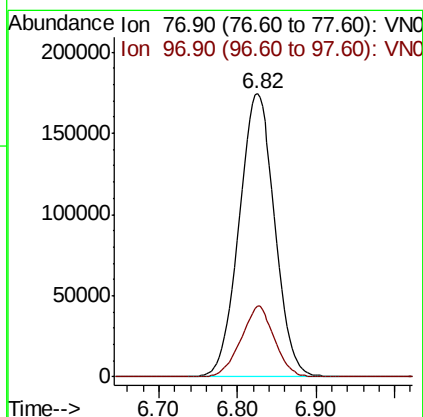
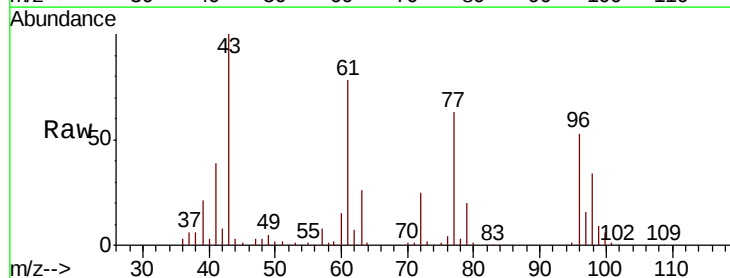
Acq: 25 Feb 2019 15:23

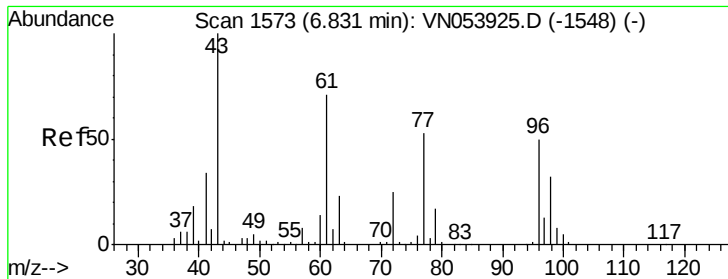
Tgt Ion: 77 Resp: 555166

Ion Ratio Lower Upper

77 100

97 23.6 12.3 36.9





#27

cis-1,2-Dichloroethene

Concen: 49.108 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. -0.00 min

Lab File: VN053930.D

Acq: 25 Feb 2019 15:23

Instrument :

MSVOA_N

ClientSampleId :

ICVVN022519

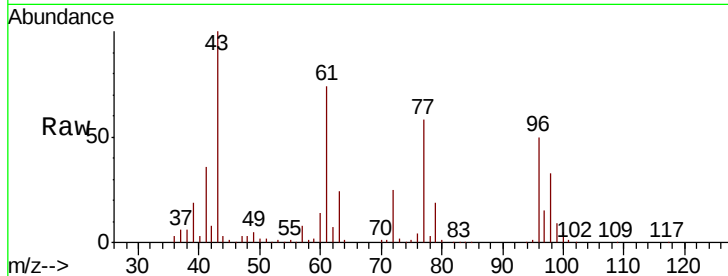
Tgt Ion: 96 Resp: 435217

Ion Ratio Lower Upper

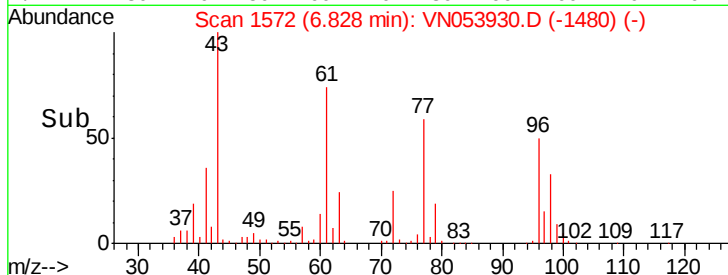
96 100

61 147.2 0.0 275.6

98 64.7 0.0 130.0



Abundance Ion 95.90 (95.60 to 96.60): VN053930.D (-1480) (-)



Ion 60.90 (60.60 to 61.60): VN053930.D (-1480) (-)

Ion 97.90 (97.60 to 98.60): VN053930.D (-1480) (-)

6.83

200000

150000

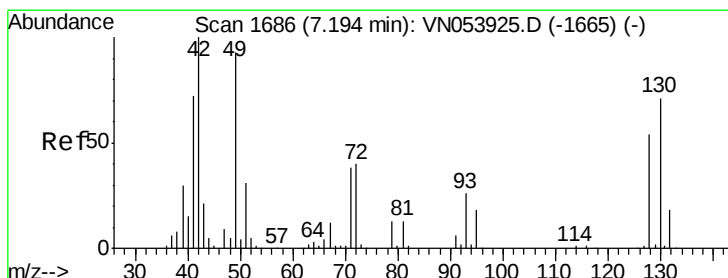
100000

50000

0

6.70 6.80 6.90 7.00

Time-->



#28

Bromochloromethane

Concen: 49.849 ug/l

RT: 7.19 min Scan# 1686

Delta R.T. 0.00 min

Lab File: VN053930.D

Acq: 25 Feb 2019 15:23

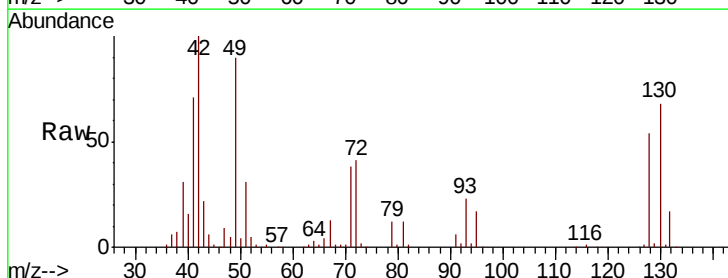
Tgt Ion: 49 Resp: 348594

Ion Ratio Lower Upper

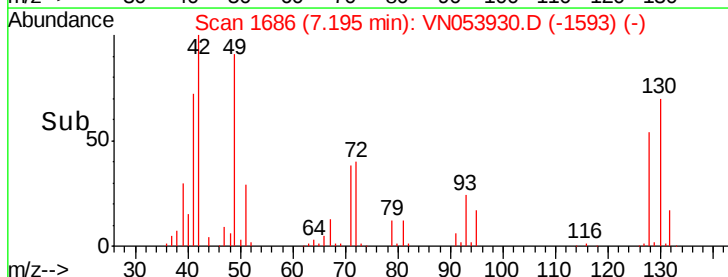
49 100

129 1.9 0.0 4.6

130 74.6 72.9 109.3



Abundance Ion 48.90 (48.60 to 49.60): VN053930.D (-1593) (-)



Ion 128.80 (128.50 to 129.50): VN053930.D (-1593) (-)

Ion 129.80 (129.50 to 130.50): VN053930.D (-1593) (-)

7.19

150000

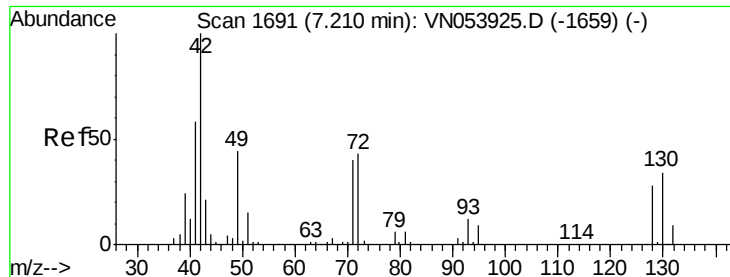
100000

50000

0

7.10 7.20 7.30

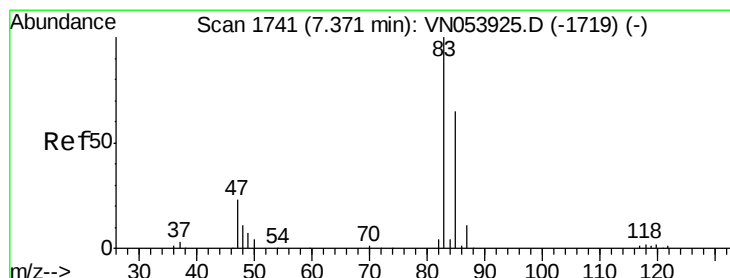
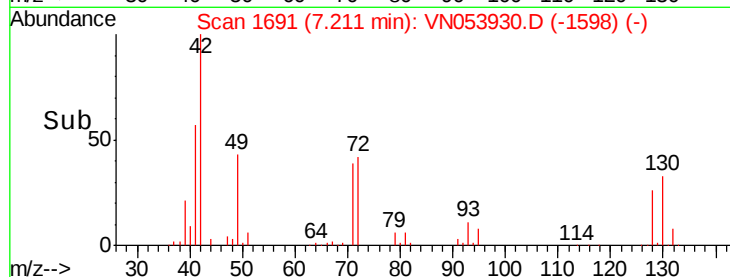
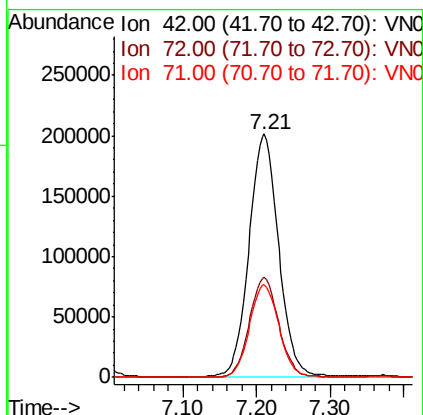
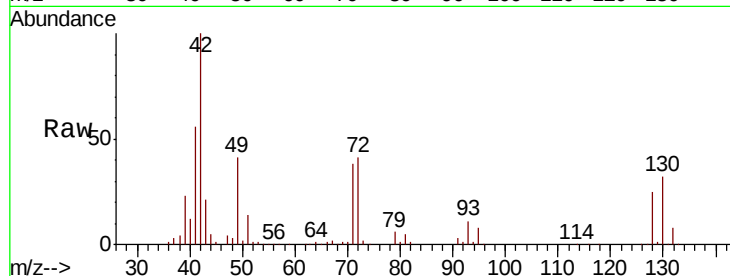
Time-->



#29
Tetrahydrofuran
Concen: 246.468 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VN053930.D
Acq: 25 Feb 2019 15:23

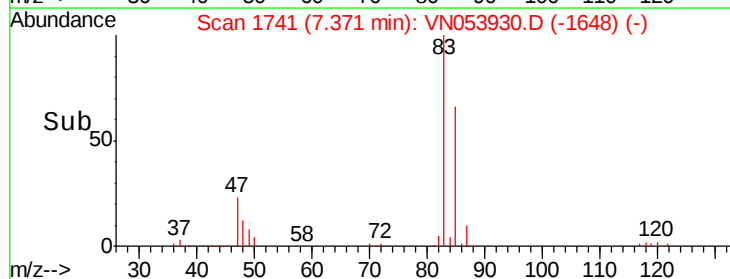
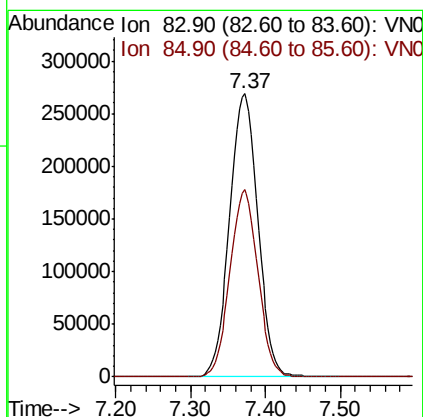
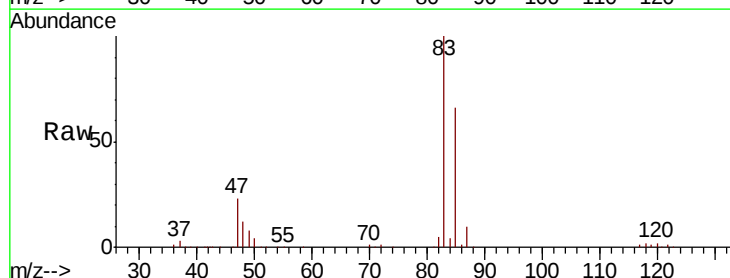
Instrument :
MSVOA_N
ClientSampled :
ICVVN022519

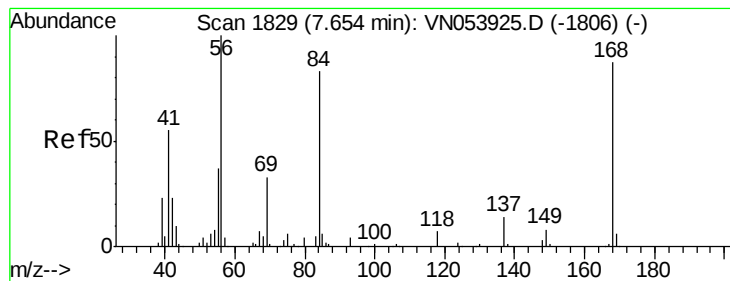
Tgt Ion: 42 Resp: 563456
Ion Ratio Lower Upper
42 100
72 41.0 36.9 55.3
71 38.0 34.6 52.0



#30
Chloroform
Concen: 47.958 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN053930.D
Acq: 25 Feb 2019 15:23

Tgt Ion: 83 Resp: 710449
Ion Ratio Lower Upper
83 100
85 66.0 52.6 78.8





#31

Cyclohexane

Concen: 51.391 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN053930.D

Acq: 25 Feb 2019 15:23

Instrument :

MSVOA_N

ClientSampleId :

ICVVN022519

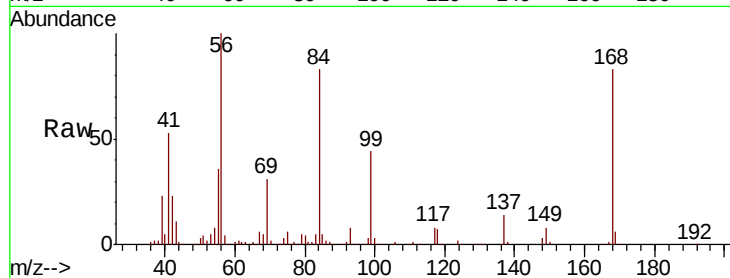
Tgt Ion: 56 Resp: 718354

Ion Ratio Lower Upper

56 100

69 31.4 26.0 39.0

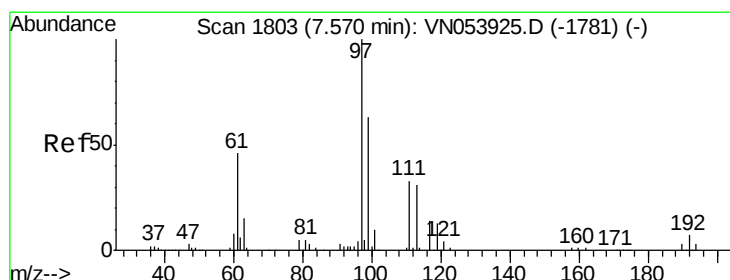
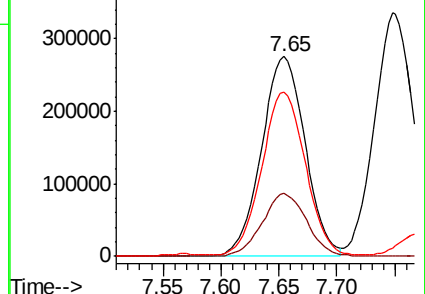
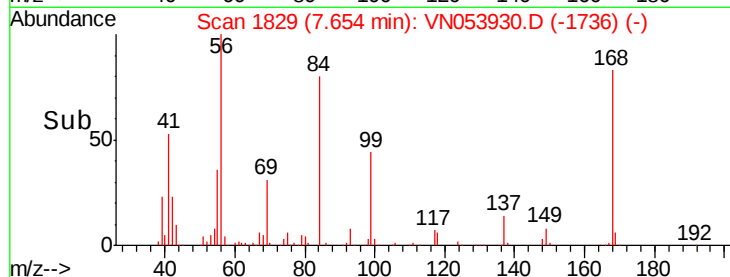
84 81.4 69.1 103.7



Abundance Ion 56.00 (55.70 to 56.70): VN053930.D (-1736) (-)

Ion 69.00 (68.70 to 69.70): VN053930.D (-1736) (-)

Ion 84.00 (83.70 to 84.70): VN053930.D (-1736) (-)



#32

1,1,1-Trichloroethane

Concen: 49.360 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN053930.D

Acq: 25 Feb 2019 15:23

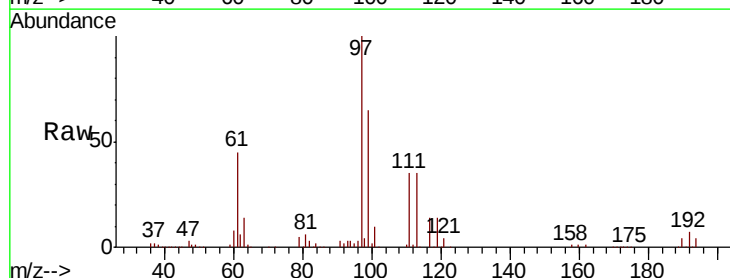
Tgt Ion: 97 Resp: 602913

Ion Ratio Lower Upper

97 100

99 64.1 51.8 77.8

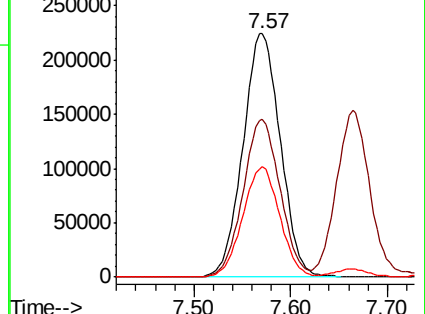
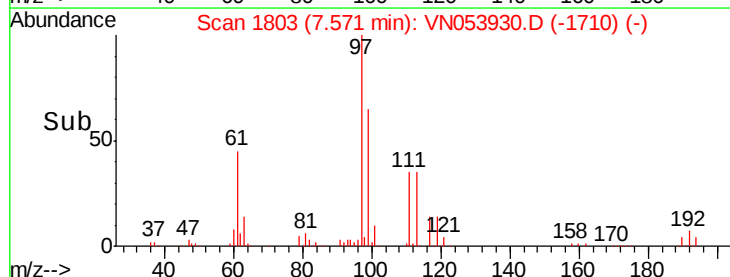
61 44.8 33.2 49.8

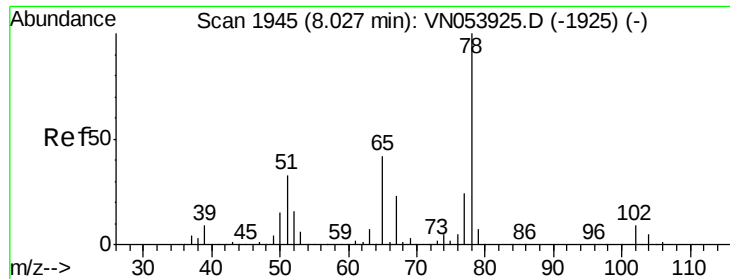


Abundance Ion 96.90 (96.60 to 97.60): VN053930.D (-1710) (-)

Ion 98.90 (98.60 to 99.60): VN053930.D (-1710) (-)

Ion 60.90 (60.60 to 61.60): VN053930.D (-1710) (-)

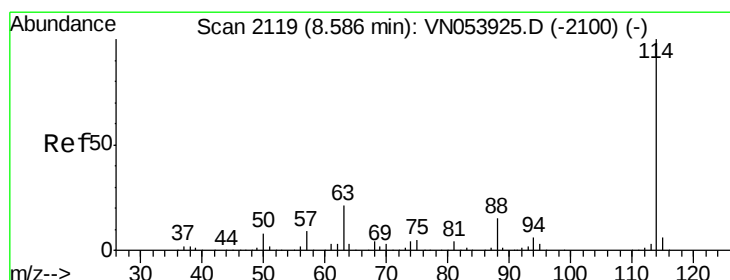
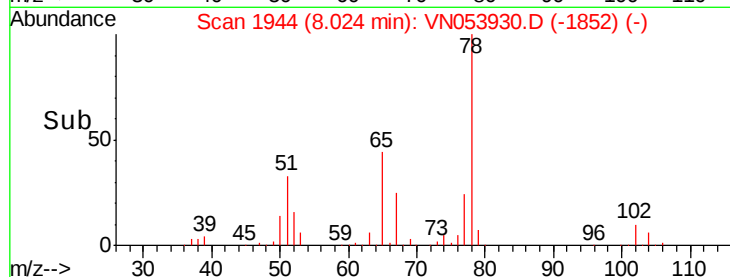
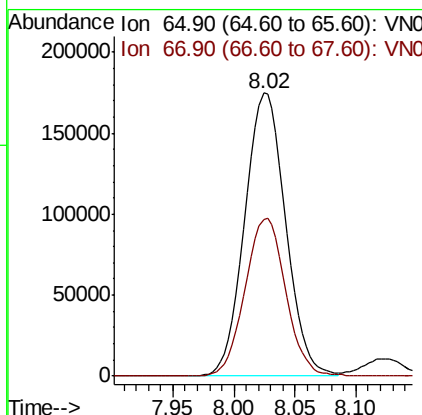
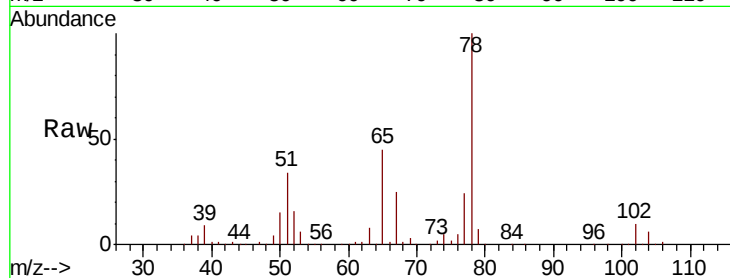




#33
 1,2-Dichloroethane-d4
 Concen: 46.436 ug/l
 RT: 8.02 min Scan# 1944
 Delta R.T. -0.00 min
 Lab File: VN053930.D
 Acq: 25 Feb 2019 15:23

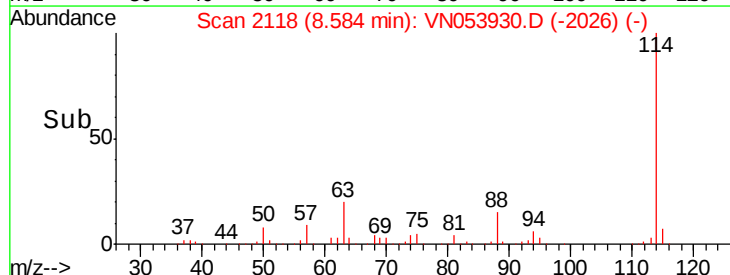
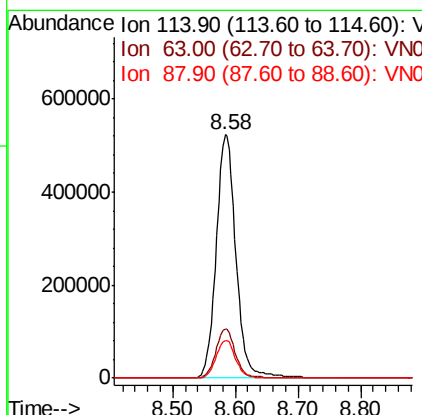
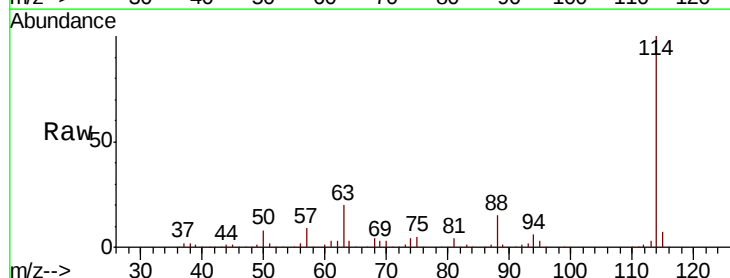
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN022519

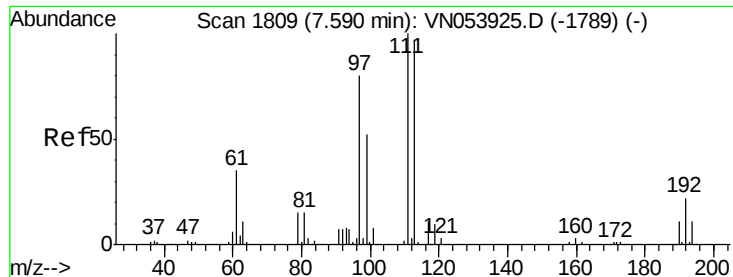
Tgt Ion: 65 Resp: 405997
 Ion Ratio Lower Upper
 65 100
 67 55.7 0.0 111.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN053930.D
 Acq: 25 Feb 2019 15:23

Tgt Ion: 114 Resp: 1144799
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 37.4
 88 15.4 0.0 30.4

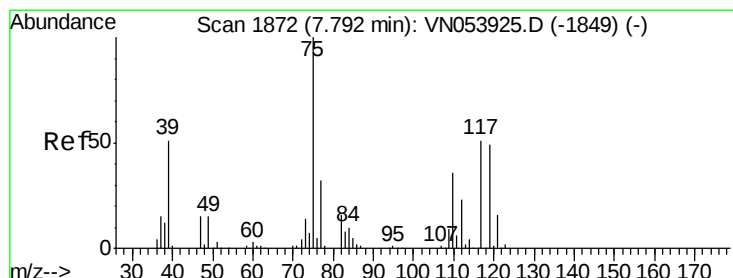
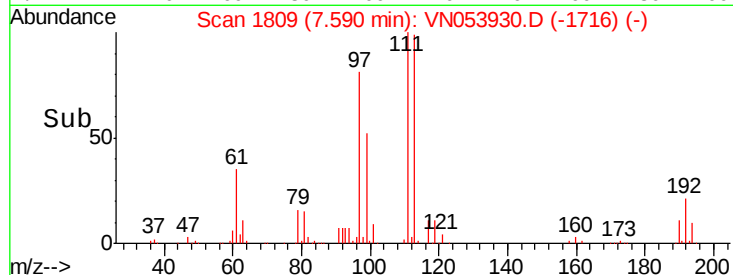
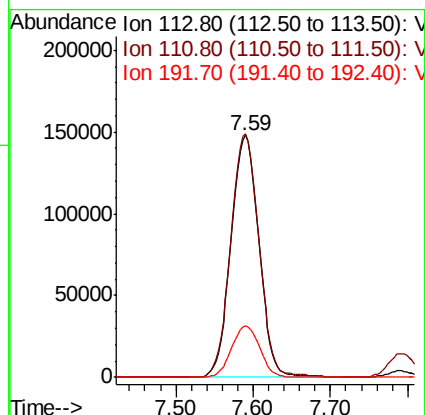
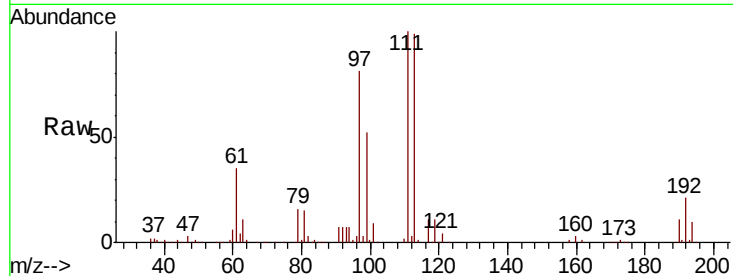




#35
 Dibromofluoromethane
 Concen: 49.989 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN053930.D
 Acq: 25 Feb 2019 15:23

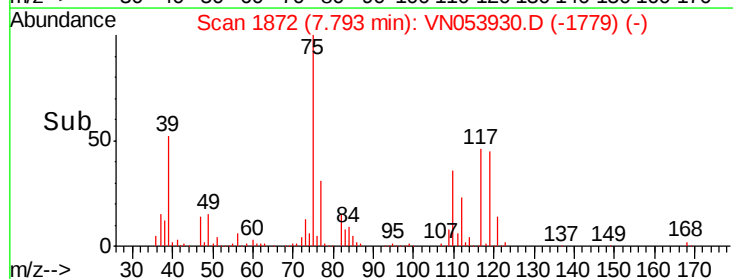
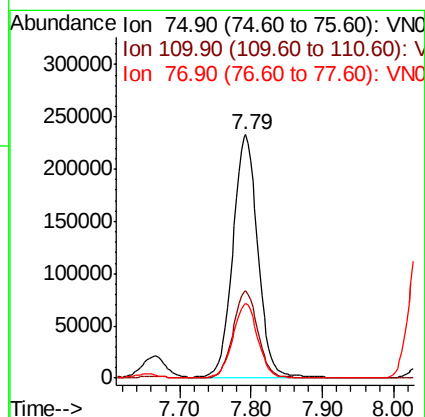
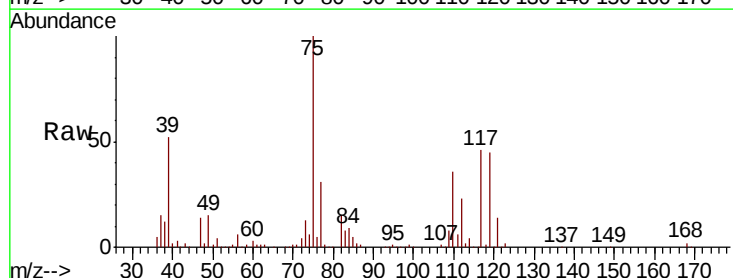
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN022519

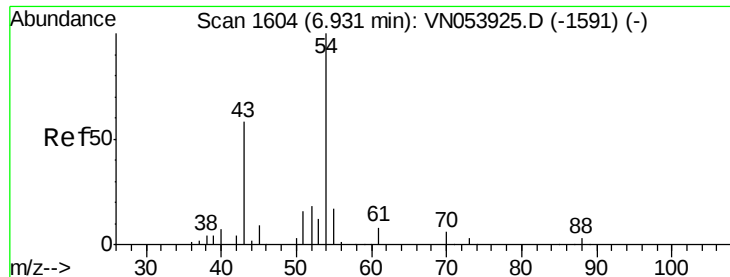
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.0	81.1	121.7
192	21.5	18.8	28.2



#36
 1,1-Dichloropropene
 Concen: 53.306 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN053930.D
 Acq: 25 Feb 2019 15:23

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.8	19.0	57.0
77	31.1	25.4	38.0

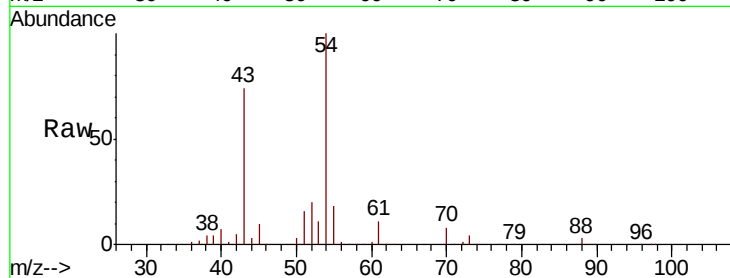




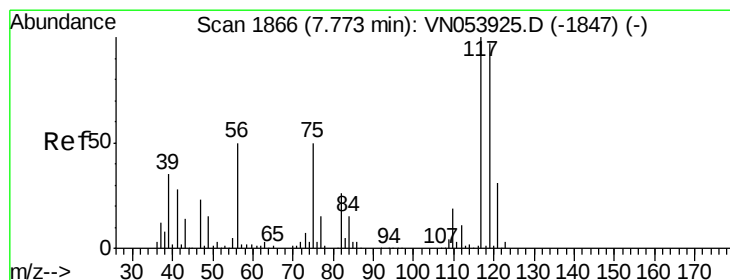
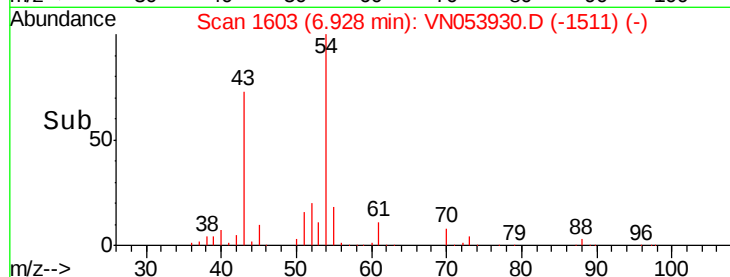
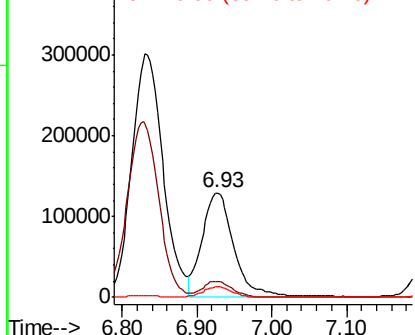
#37
Ethyl Acetate
Concen: 49.652 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VN053930.D
Acq: 25 Feb 2019 15:23

Instrument :
MSVOA_N
ClientSampleId :
ICVVN022519

Tgt Ion: 43 Resp: 377444
Ion Ratio Lower Upper
43 100
61 14.3 12.0 18.0
70 9.4 8.7 13.1

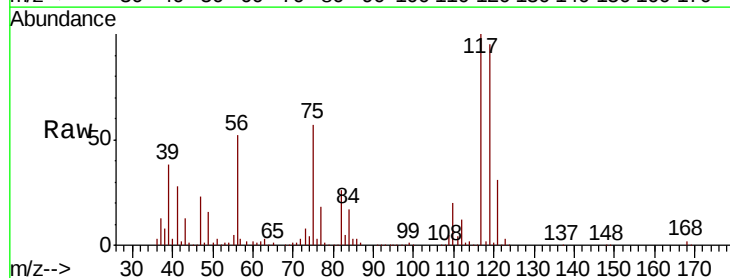


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

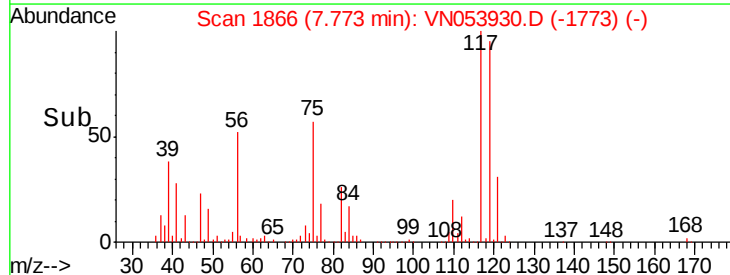
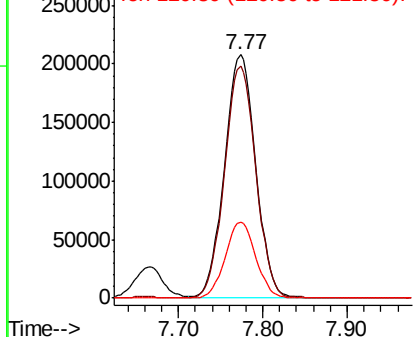


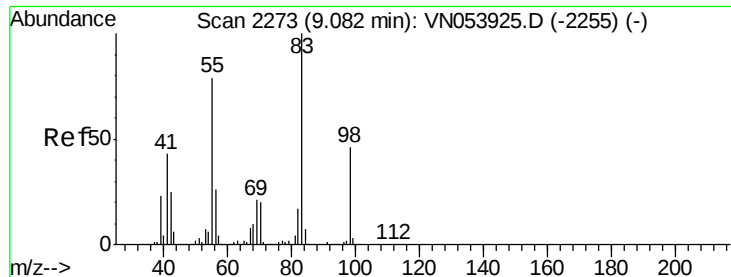
#38
Carbon Tetrachloride
Concen: 48.253 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN053930.D
Acq: 25 Feb 2019 15:23

Tgt Ion: 117 Resp: 534280
Ion Ratio Lower Upper
117 100
119 95.1 76.2 114.2
121 31.2 24.6 36.8



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

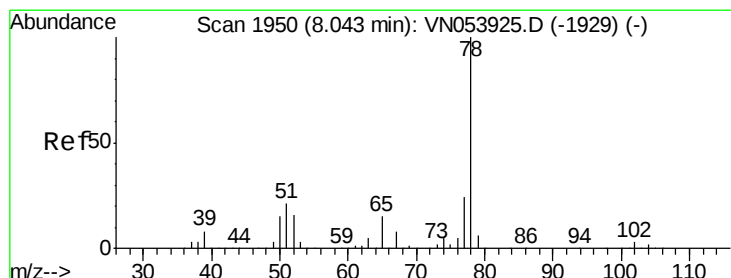
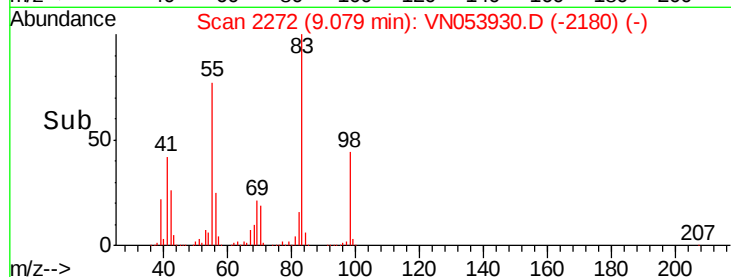
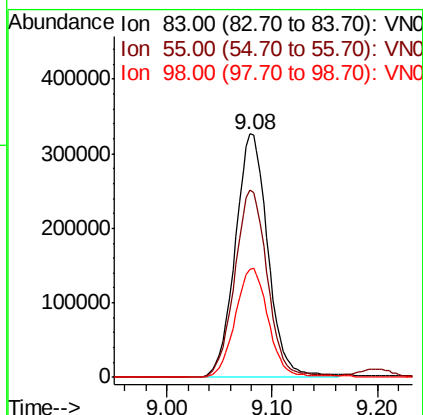
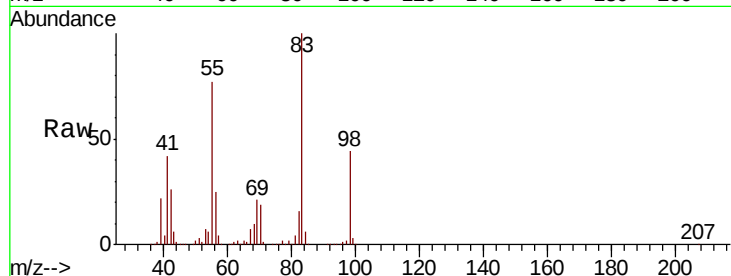




#39
Methylcyclohexane
Concen: 54.651 ug/l
RT: 9.08 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN053930.D
Acq: 25 Feb 2019 15:23

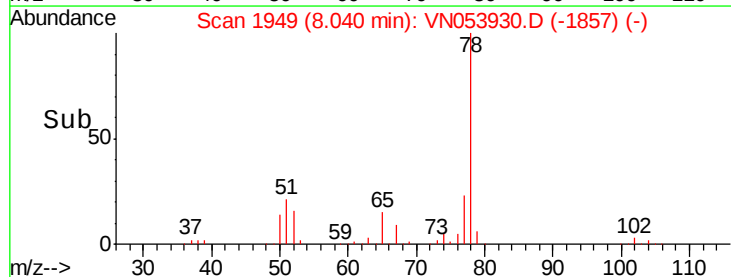
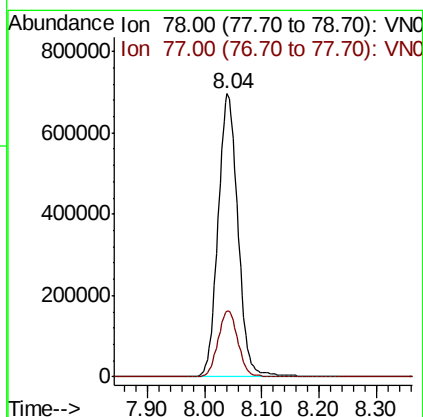
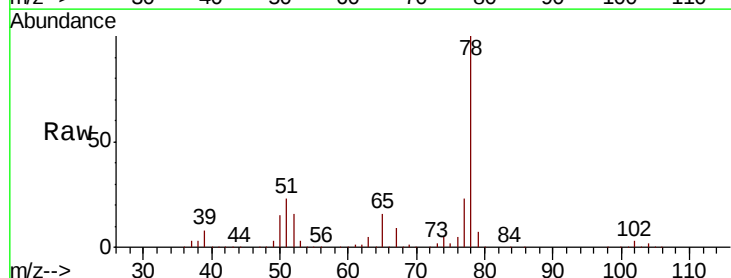
Instrument :
MSVOA_N
ClientSampleId :
ICVVN022519

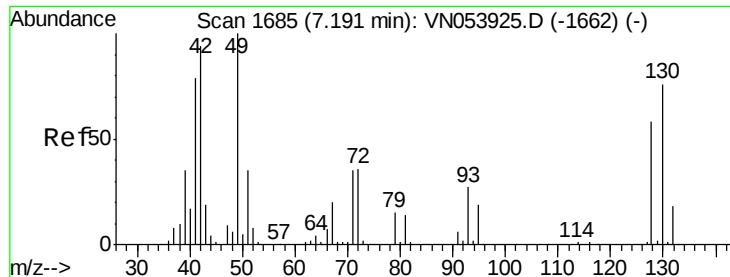
Tgt Ion: 83 Resp: 701275
Ion Ratio Lower Upper
83 100
55 76.9 58.2 87.4
98 44.4 37.2 55.8



#40
Benzene
Concen: 51.232 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN053930.D
Acq: 25 Feb 2019 15:23

Tgt Ion: 78 Resp: 1675577
Ion Ratio Lower Upper
78 100
77 23.5 18.8 28.2





#41

Methacrylonitrile

Concen: 38.204 ug/l

RT: 7.17 min Scan# 1678

Delta R.T. -0.02 min

Lab File: VN053930.D

Acq: 25 Feb 2019 15:23

Instrument :

MSVOA_N

ClientSampled :

ICVVN022519

Tgt Ion: 41 Resp: 187003

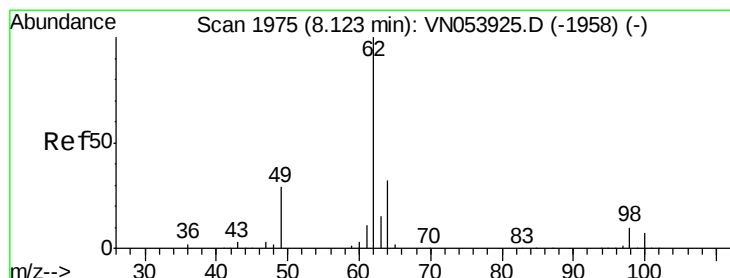
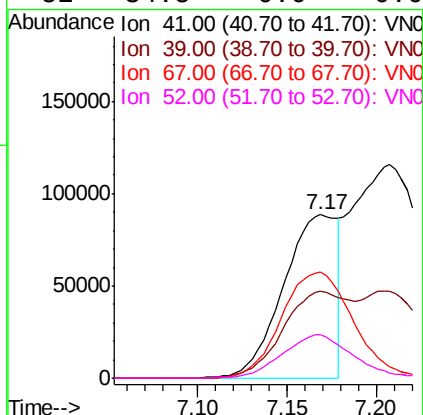
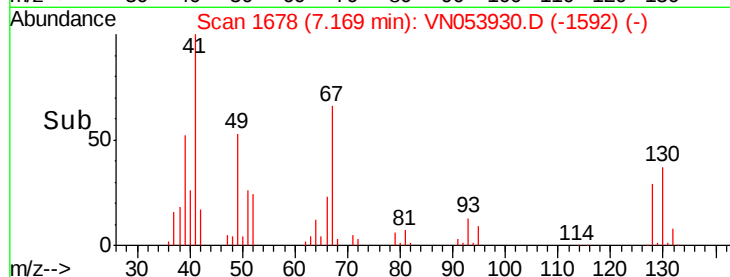
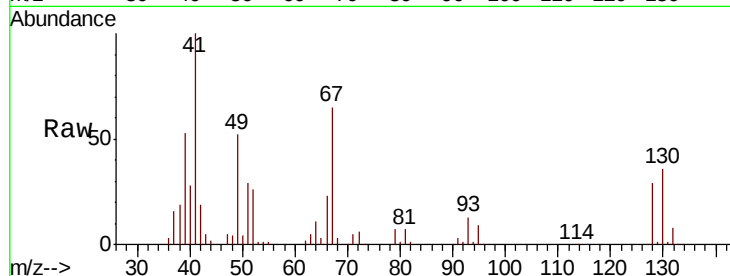
Ion Ratio Lower Upper

41 100

39 65.6 0.0 0.0#

67 86.2 0.0 0.0#

52 34.5 0.0 0.0#



#42

1,2-Dichloroethane

Concen: 50.689 ug/l

RT: 8.12 min Scan# 1974

Delta R.T. -0.00 min

Lab File: VN053930.D

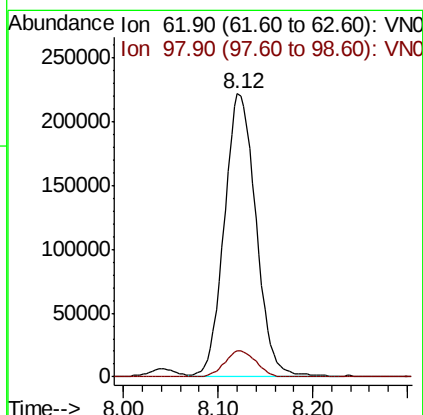
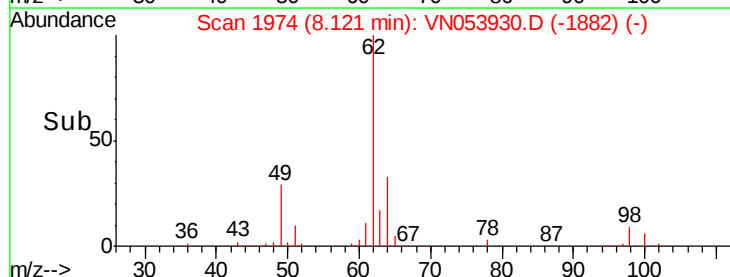
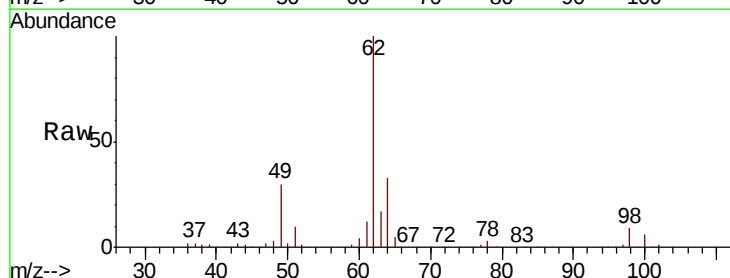
Acq: 25 Feb 2019 15:23

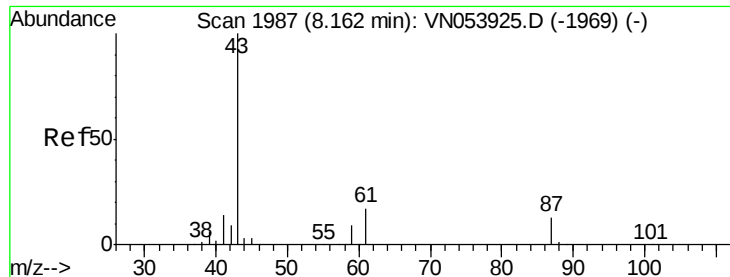
Tgt Ion: 62 Resp: 513251

Ion Ratio Lower Upper

62 100

98 9.3 0.0 20.8





#43

Isopropyl Acetate

Concen: 52.003 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN053930.D

Acq: 25 Feb 2019 15:23

Instrument :

MSVOA_N

ClientSampleId :

ICVVN022519

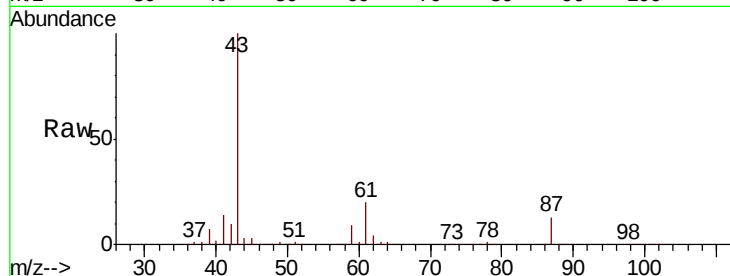
Tgt Ion: 43 Resp: 667464

Ion Ratio Lower Upper

43 100

61 27.3 17.4 26.0#

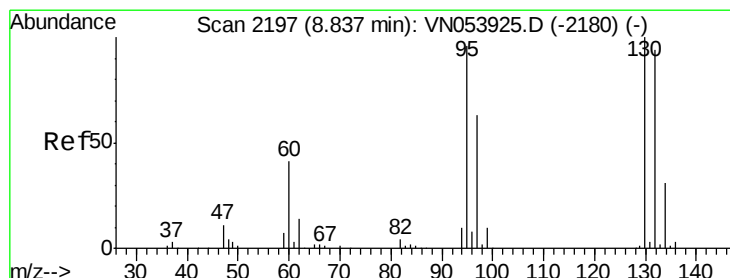
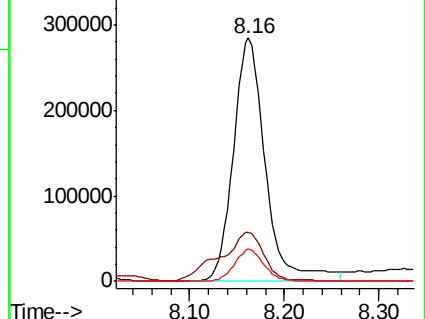
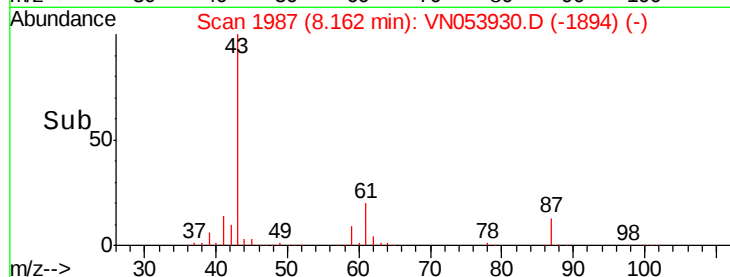
87 12.1 11.5 17.3



Abundance Ion 43.00 (42.70 to 43.70): VN053930.D (-1894) (-)

Ion 61.00 (60.70 to 61.70): VN053930.D (-1894) (-)

Ion 87.00 (86.70 to 87.70): VN053930.D (-1894) (-)



#44

Trichloroethene

Concen: 50.951 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN053930.D

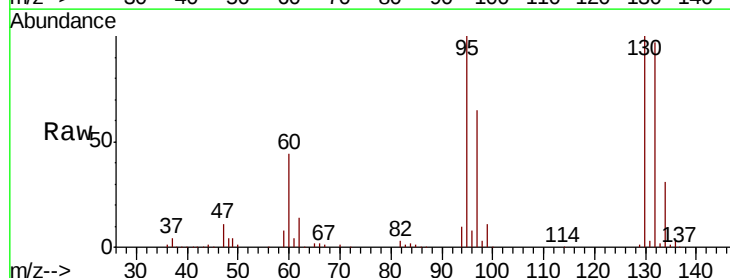
Acq: 25 Feb 2019 15:23

Tgt Ion: 130 Resp: 441781

Ion Ratio Lower Upper

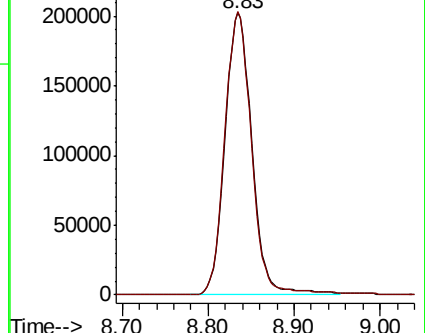
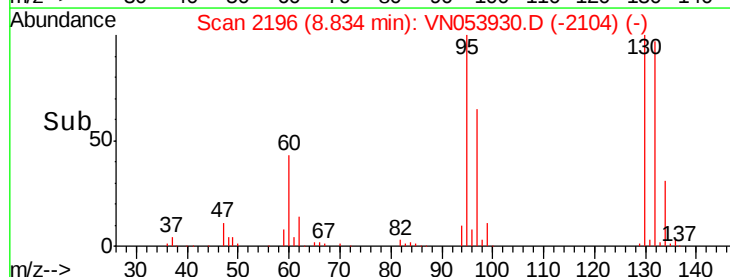
130 100

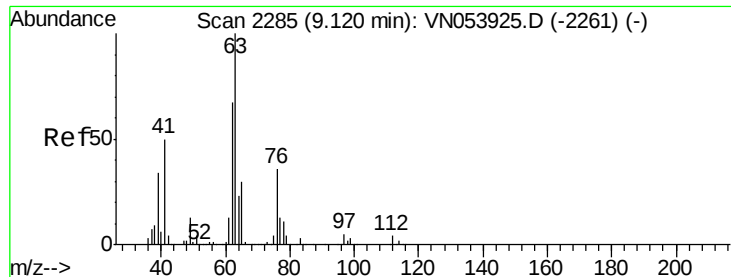
95 100.4 0.0 190.0



Abundance Ion 129.80 (129.50 to 130.50): VN053930.D (-2104) (-)

Ion 94.90 (94.60 to 95.60): VN053930.D (-2104) (-)

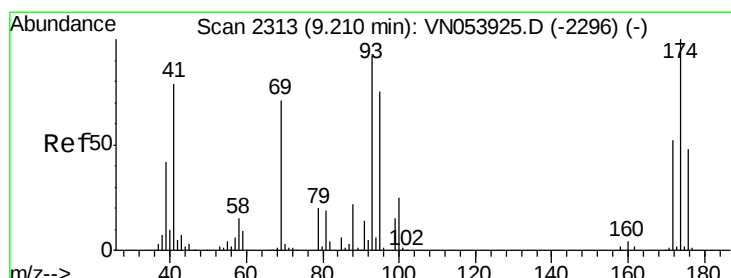
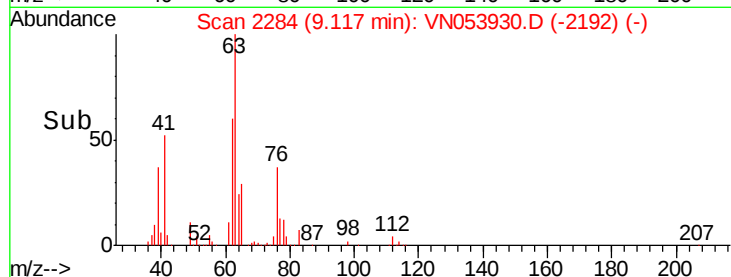
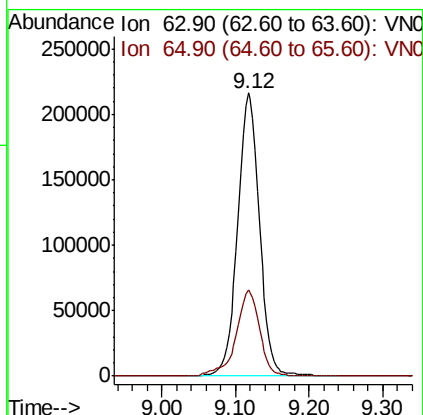
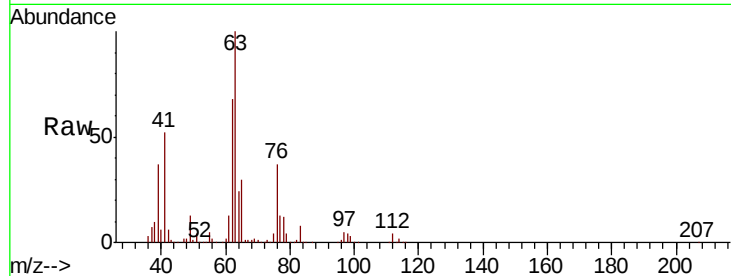




#45
 1,2-Dichloropropane
 Concen: 50.764 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN053930.D
 Acq: 25 Feb 2019 15:23

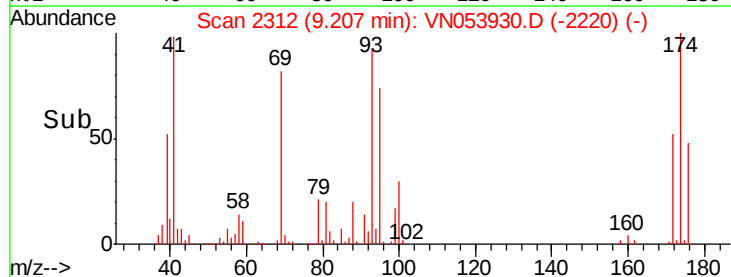
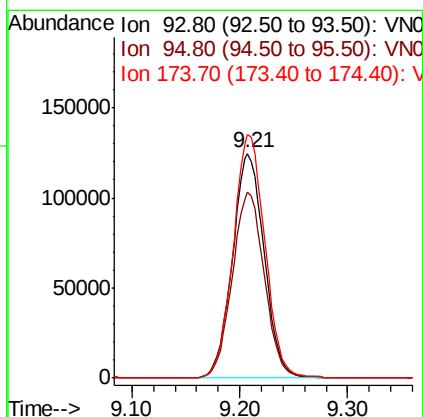
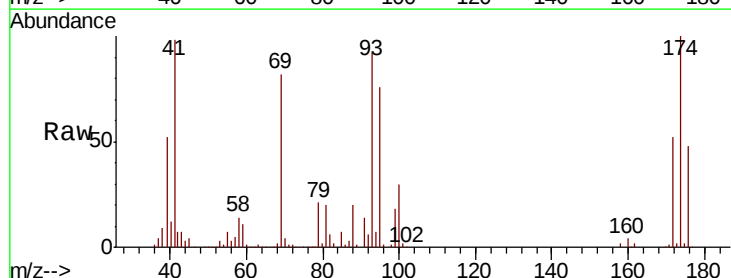
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN022519

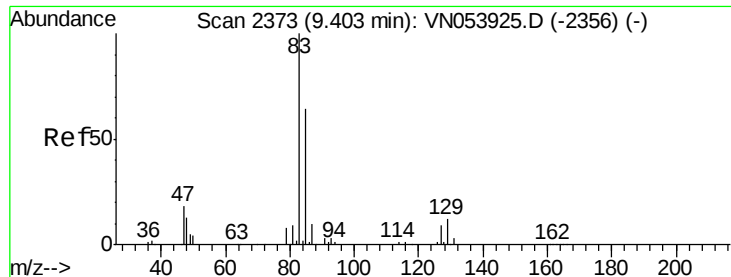
Tgt Ion: 63 Resp: 447928
 Ion Ratio Lower Upper
 63 100
 65 30.3 24.3 36.5



#46
 Dibromomethane
 Concen: 49.827 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN053930.D
 Acq: 25 Feb 2019 15:23

Tgt Ion: 93 Resp: 255249
 Ion Ratio Lower Upper
 93 100
 95 83.9 66.6 100.0
 174 108.6 96.2 144.4





#47

Bromodichloromethane

Concen: 50.377 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN053930.D

Acq: 25 Feb 2019 15:23

Instrument :

MSVOA_N

ClientSampleId :

ICVVN022519

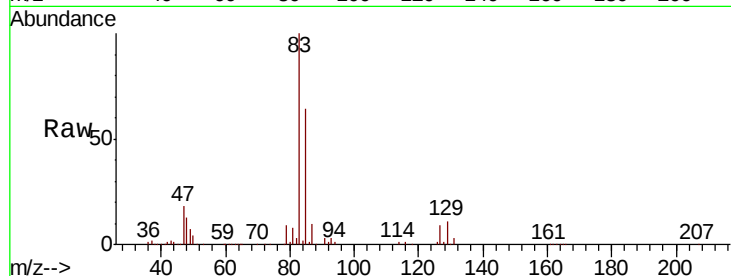
Tgt Ion: 83 Resp: 543862

Ion Ratio Lower Upper

83 100

85 64.3 51.8 77.6

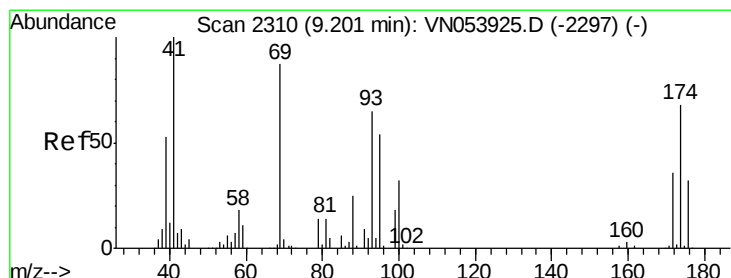
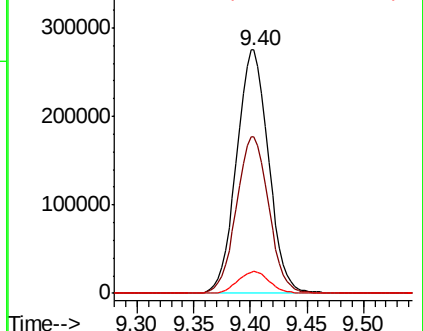
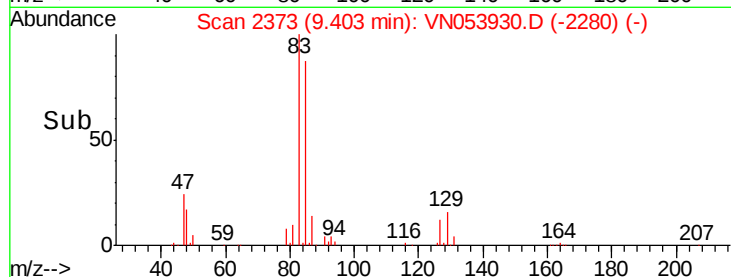
127 8.9 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VN053930.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN053930.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN053930.D (-2280) (-)



#48

Methyl methacrylate

Concen: 53.362 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN053930.D

Acq: 25 Feb 2019 15:23

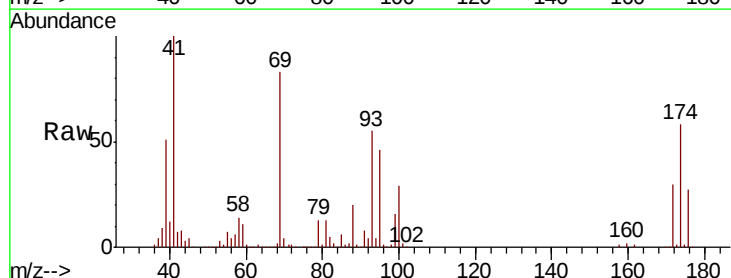
Tgt Ion: 41 Resp: 315036

Ion Ratio Lower Upper

41 100

69 88.8 74.8 112.2

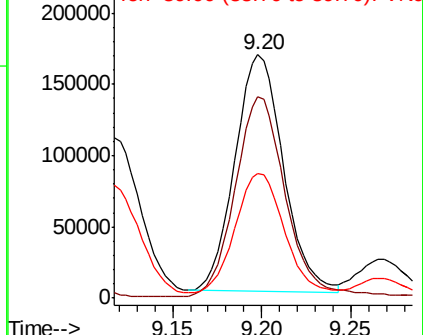
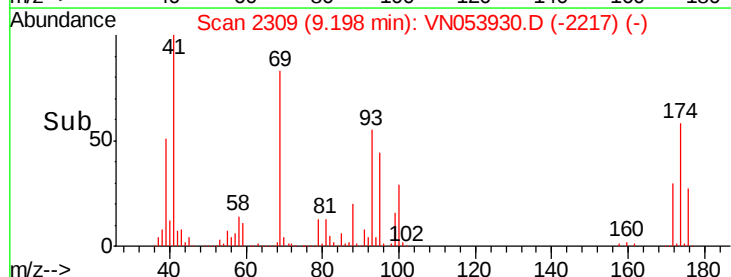
39 55.0 39.0 58.6

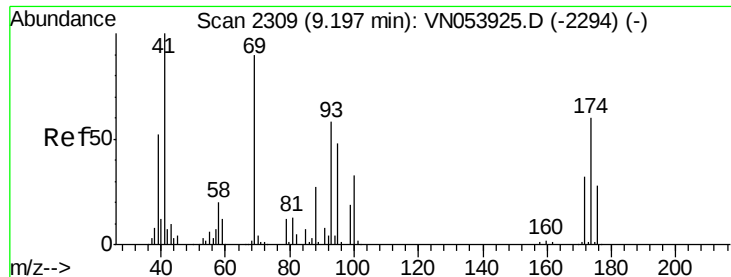


Abundance Ion 41.00 (40.70 to 41.70): VN053930.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN053930.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN053930.D (-2217) (-)





#49

1,4-Dioxane

Concen: 900.164 ug/l

RT: 9.20 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN053930.D

Acq: 25 Feb 2019 15:23

Instrument :

MSVOA_N

ClientSampleId :

ICVVN022519

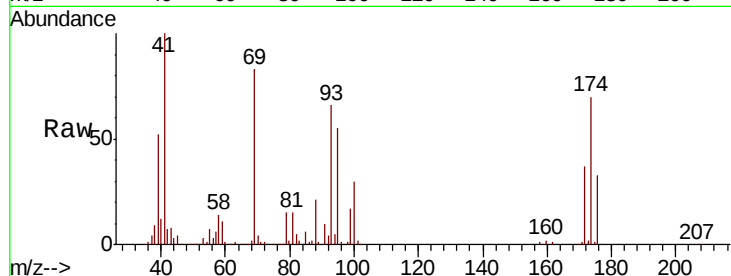
Tgt Ion: 88 Resp: 71979

Ion Ratio Lower Upper

88 100

43 32.8 21.2 31.8#

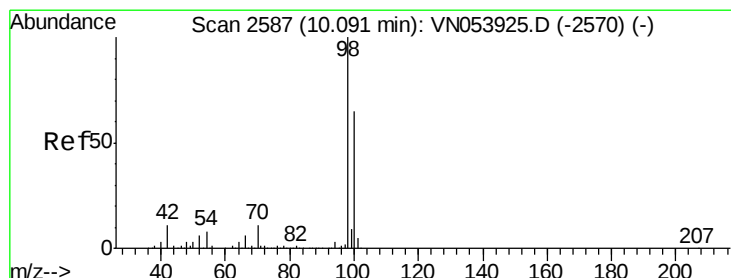
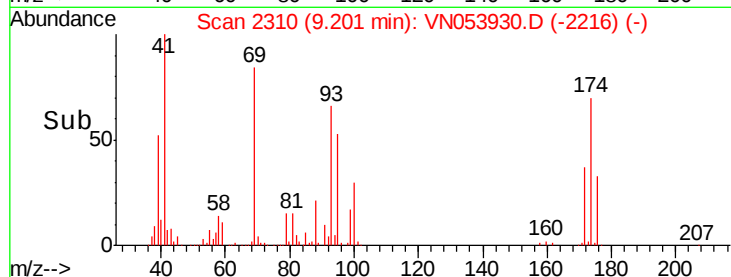
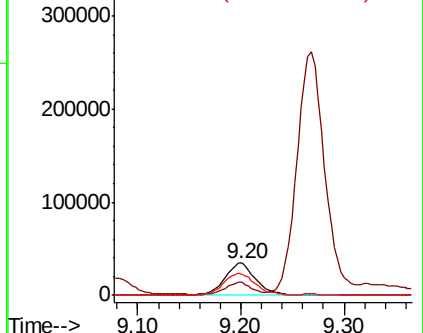
58 70.9 54.2 81.2



Abundance Ion 88.00 (87.70 to 88.70): VN053925.D (-2294) (-)

Ion 43.00 (42.70 to 43.70): VN053925.D (-2294) (-)

Ion 58.00 (57.70 to 58.70): VN053925.D (-2294) (-)



#50

Toluene-d8

Concen: 50.182 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053930.D

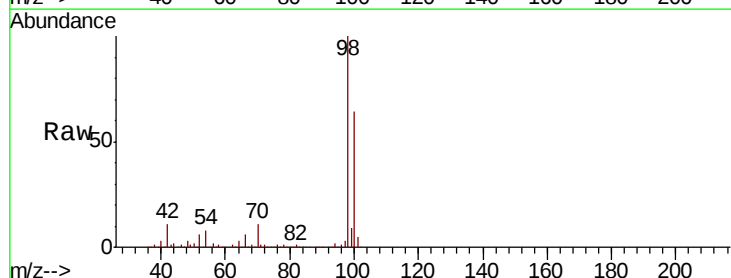
Acq: 25 Feb 2019 15:23

Tgt Ion: 98 Resp: 1382919

Ion Ratio Lower Upper

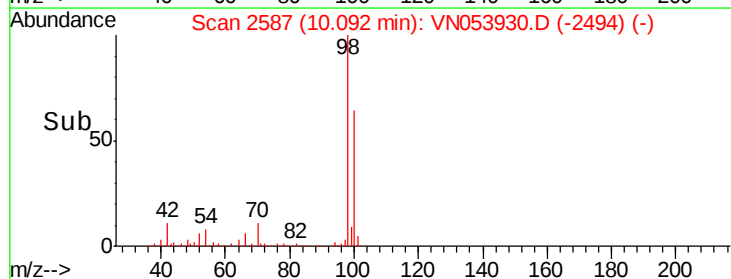
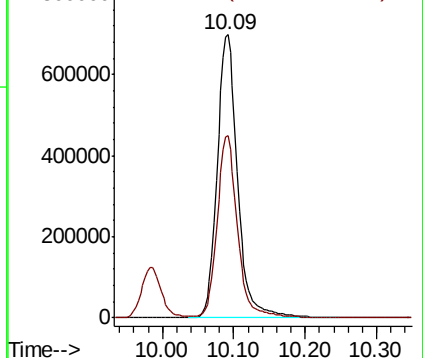
98 100

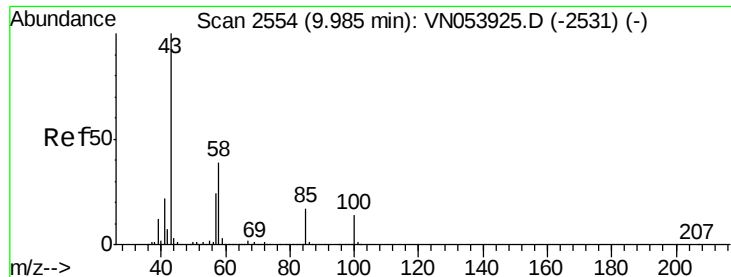
100 64.4 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN053925.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN053925.D (-2570) (-)

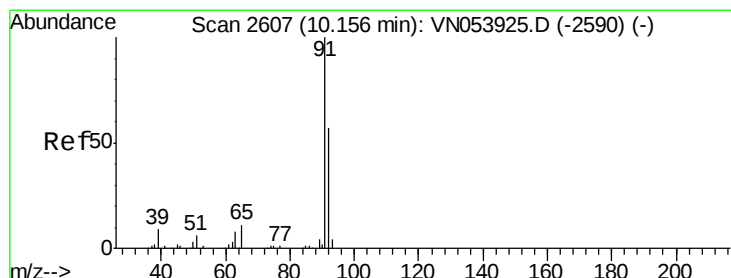
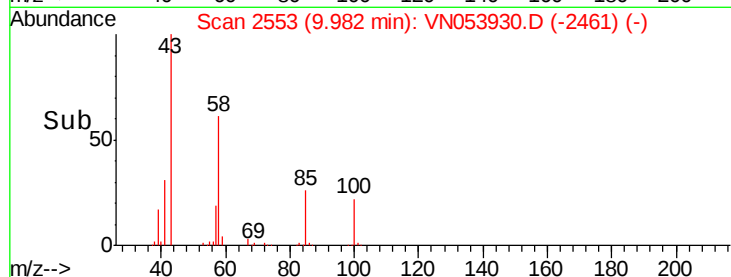
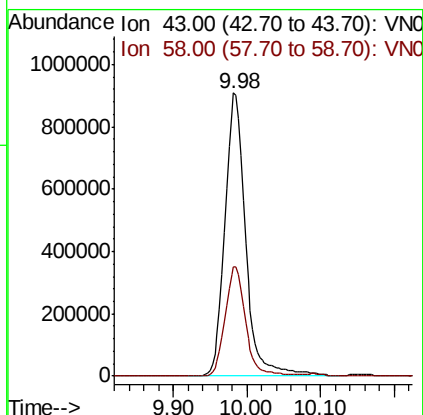
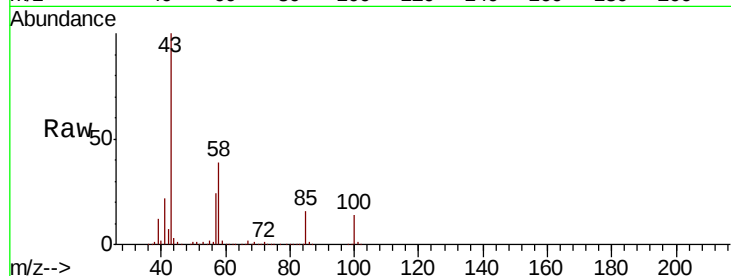




#51
 4-Methyl-2-Pentanone
 Concen: 269.809 ug/l
 RT: 9.98 min Scan# 2553
 Delta R.T. -0.00 min
 Lab File: VN053930.D
 Acq: 25 Feb 2019 15:23

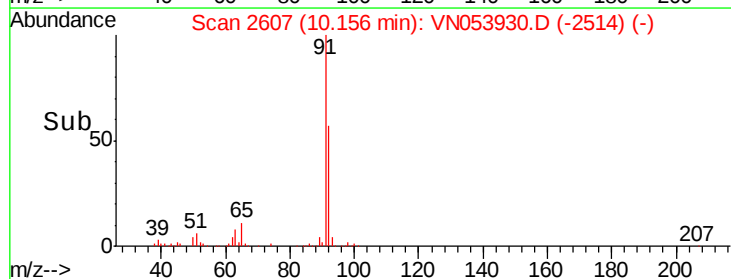
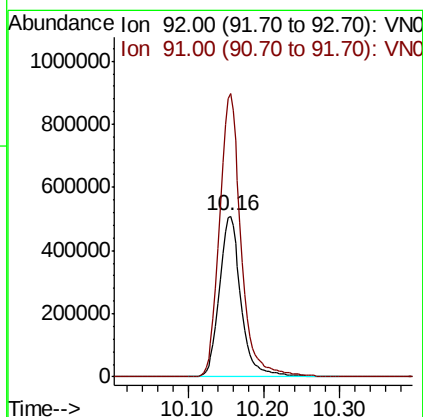
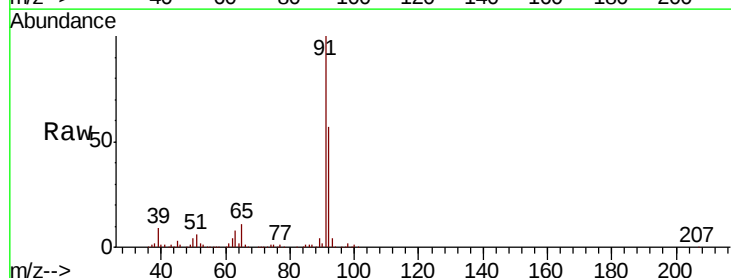
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN022519

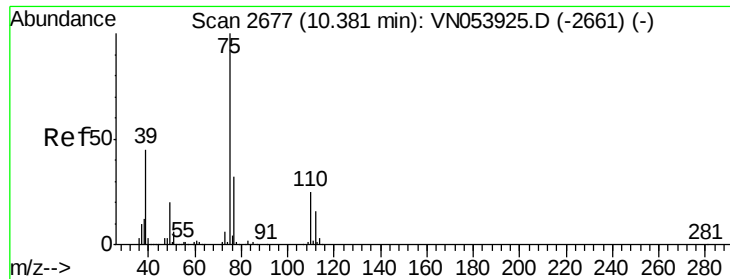
Tgt Ion: 43 Resp: 1779528
 Ion Ratio Lower Upper
 43 100
 58 38.4 32.7 49.1



#52
 Toluene
 Concen: 52.182 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. 0.00 min
 Lab File: VN053930.D
 Acq: 25 Feb 2019 15:23

Tgt Ion: 92 Resp: 1004931
 Ion Ratio Lower Upper
 92 100
 91 175.8 138.4 207.6





#53

t-1,3-Dichloropropene

Concen: 54.246 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN053930.D

Acq: 25 Feb 2019 15:23

Instrument :

MSVOA_N

ClientSampleId :

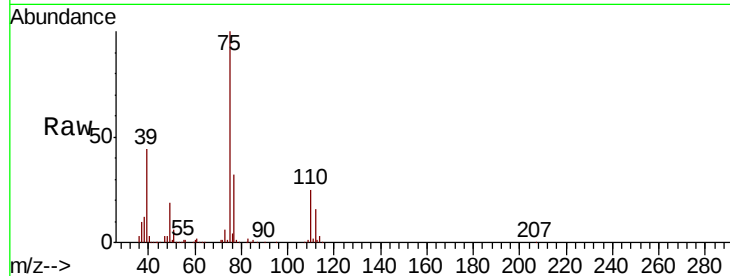
ICVVN022519

Tgt Ion: 75 Resp: 569810

Ion Ratio Lower Upper

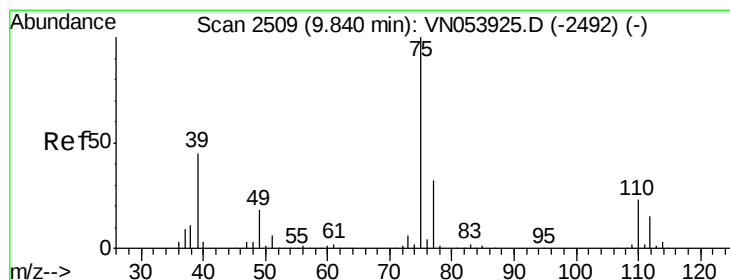
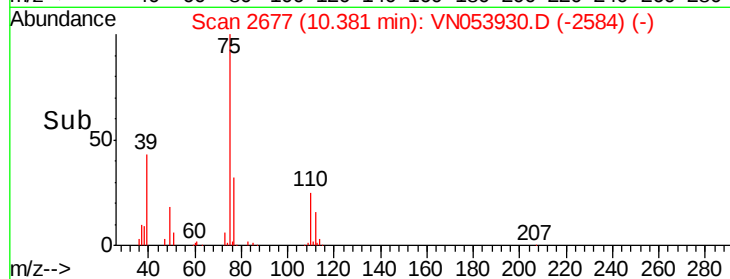
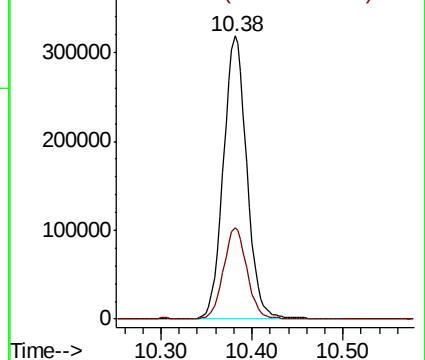
75 100

77 32.2 25.0 37.6



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 53.245 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. -0.00 min

Lab File: VN053930.D

Acq: 25 Feb 2019 15:23

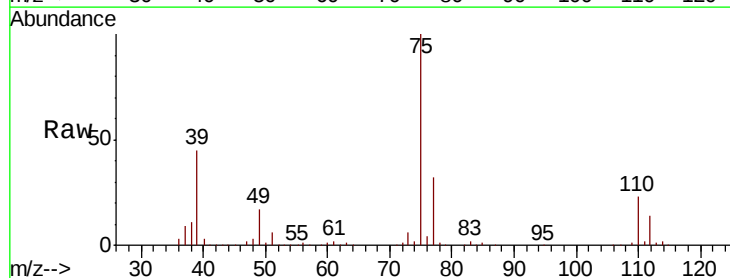
Tgt Ion: 75 Resp: 659346

Ion Ratio Lower Upper

75 100

77 31.9 25.8 38.6

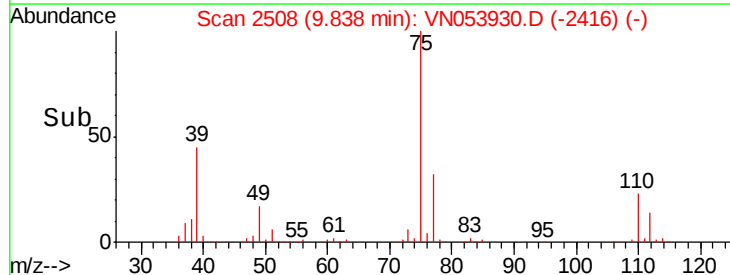
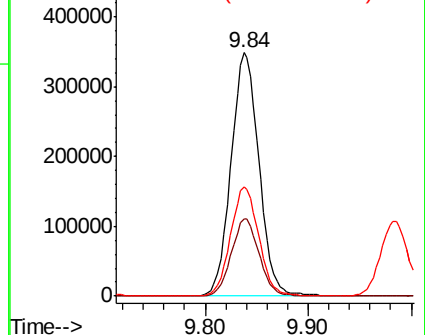
39 45.0 31.4 47.0

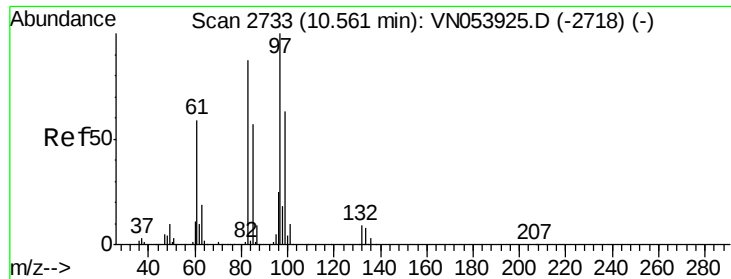


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 50.199 ug/l

RT: 10.56 min Scan# 2733

Delta R.T. 0.00 min

Lab File: VN053930.D

Acq: 25 Feb 2019 15:23

Instrument :

MSVOA_N

ClientSampleId :

ICVVN022519

Tgt Ion: 97 Resp: 361038

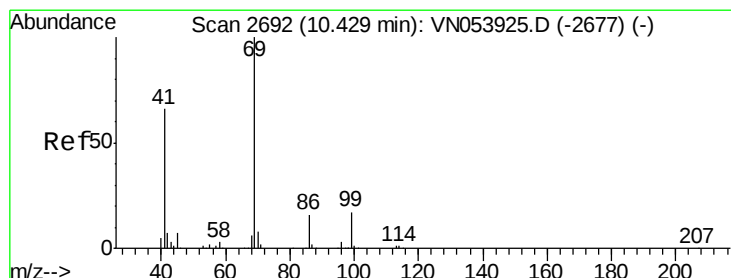
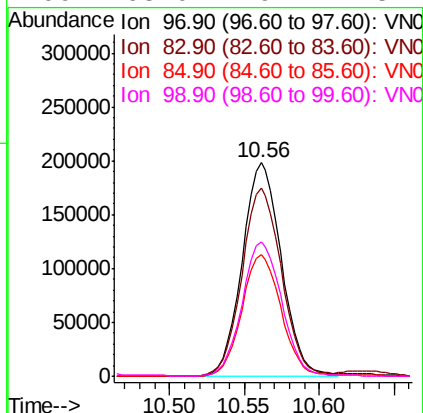
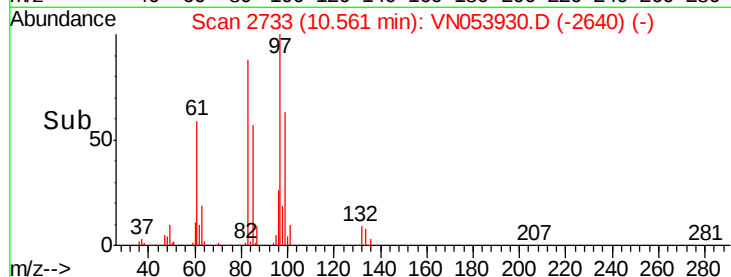
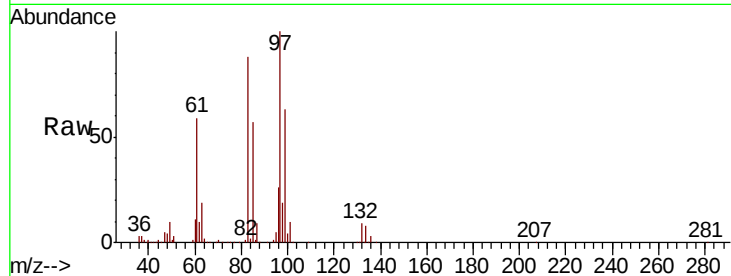
Ion Ratio Lower Upper

97 100

83 88.1 69.5 104.3

85 57.0 45.9 68.9

99 63.0 49.1 73.7



#56

Ethyl methacrylate

Concen: 49.460 ug/l

RT: 10.43 min Scan# 2692

Delta R.T. 0.00 min

Lab File: VN053930.D

Acq: 25 Feb 2019 15:23

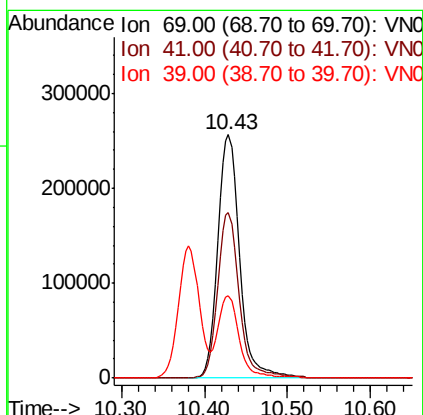
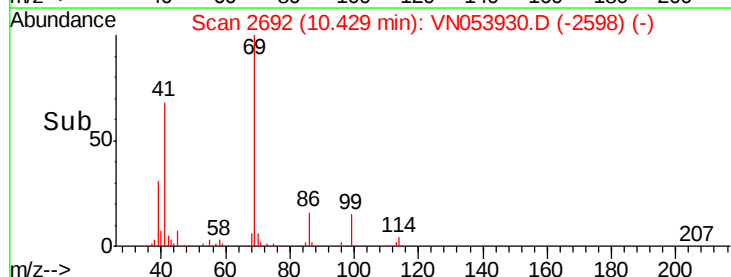
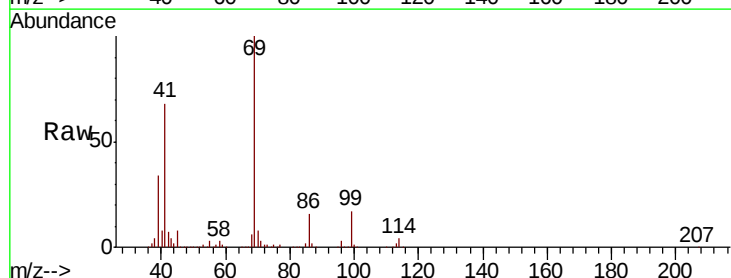
Tgt Ion: 69 Resp: 466223

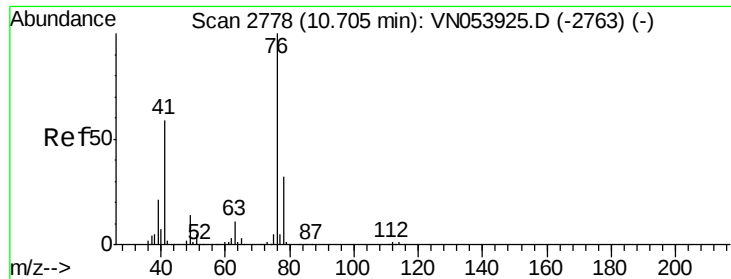
Ion Ratio Lower Upper

69 100

41 66.6 47.5 71.3

39 32.9 23.4 35.0





#57

1,3-Dichloropropane

Concen: 51.745 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN053930.D

Acq: 25 Feb 2019 15:23

Instrument :

MSVOA_N

ClientSampleId :

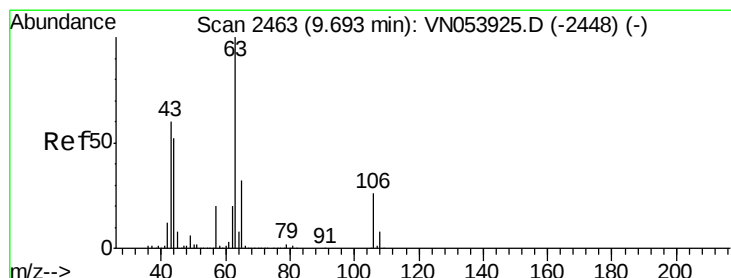
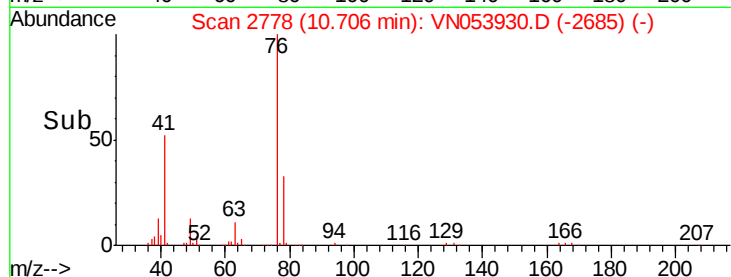
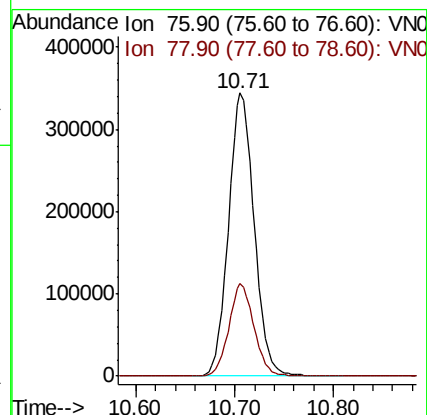
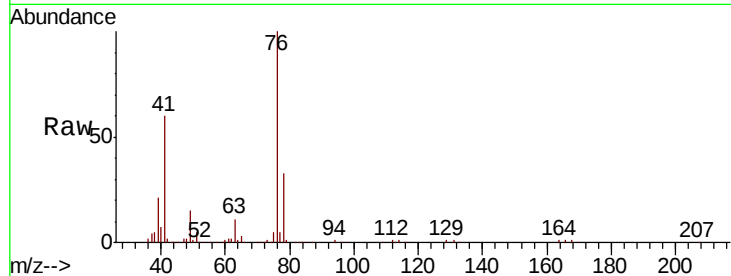
ICVVN022519

Tgt Ion: 76 Resp: 628814

Ion Ratio Lower Upper

76 100

78 32.0 25.2 37.8



#58

2-Chloroethyl Vinyl ether

Concen: 266.413 ug/l

RT: 9.69 min Scan# 2463

Delta R.T. 0.00 min

Lab File: VN053930.D

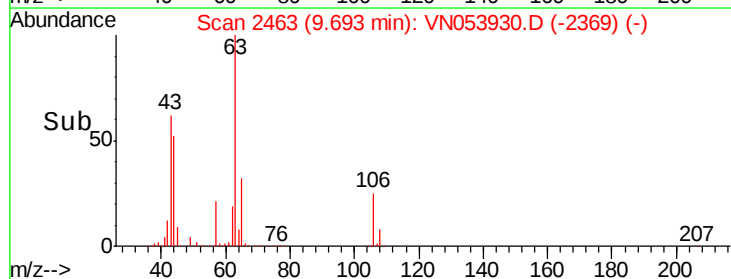
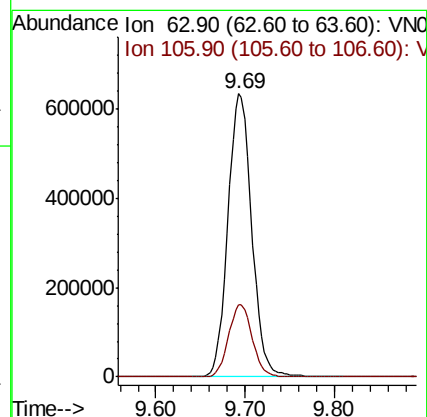
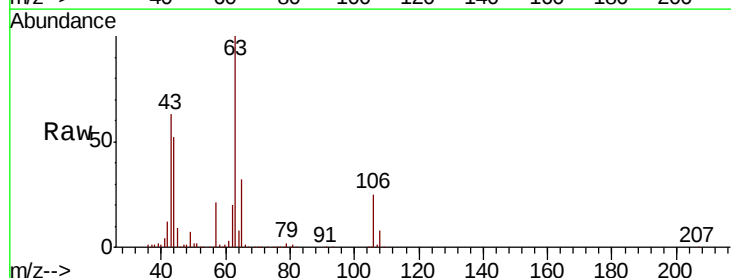
Acq: 25 Feb 2019 15:23

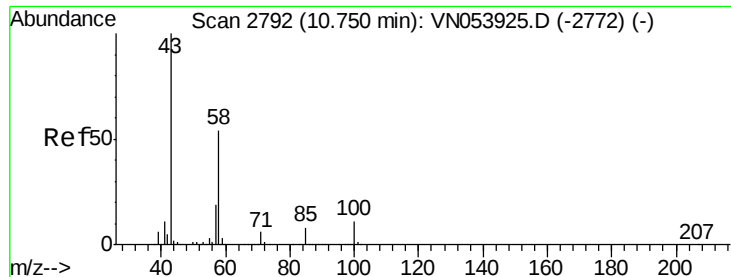
Tgt Ion: 63 Resp: 1173848

Ion Ratio Lower Upper

63 100

106 25.5 22.2 33.2

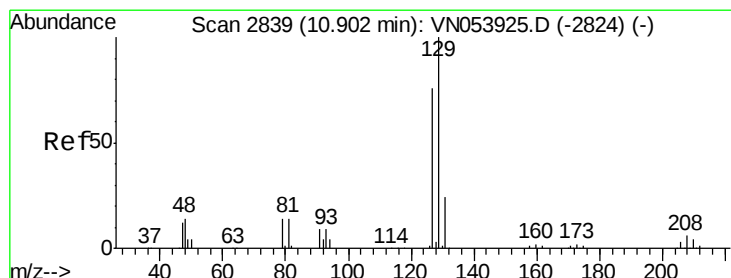
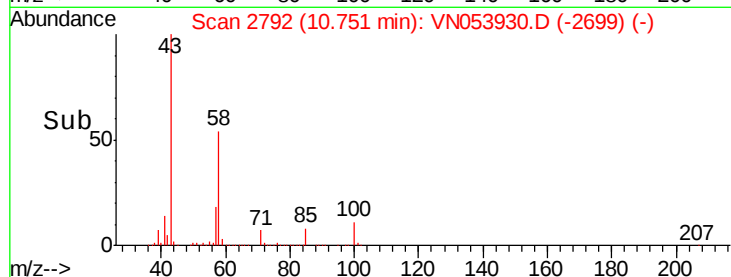
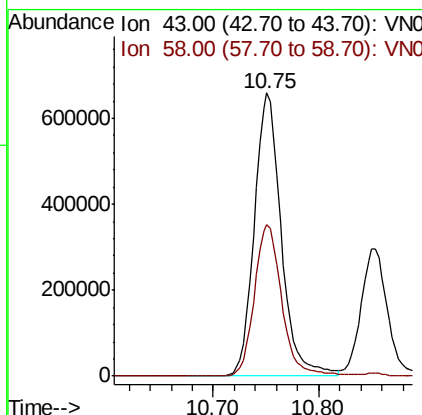
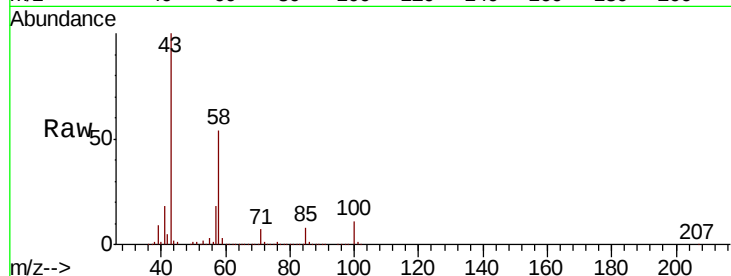




#59
2-Hexanone
Concen: 273.454 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN053930.D
Acq: 25 Feb 2019 15:23

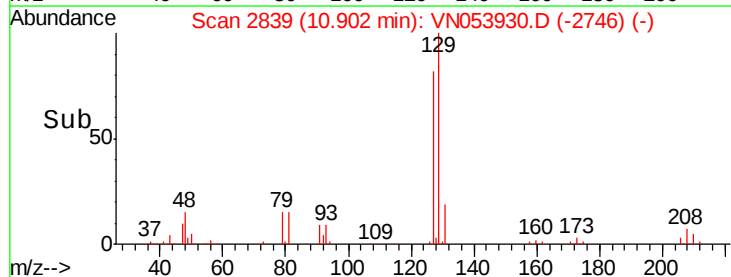
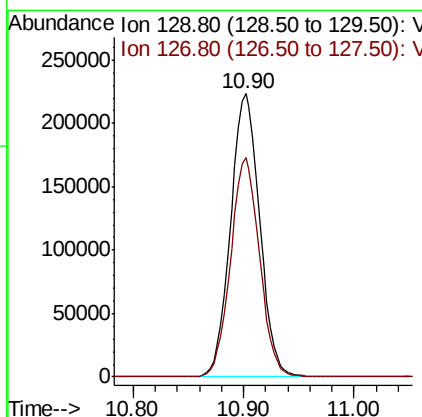
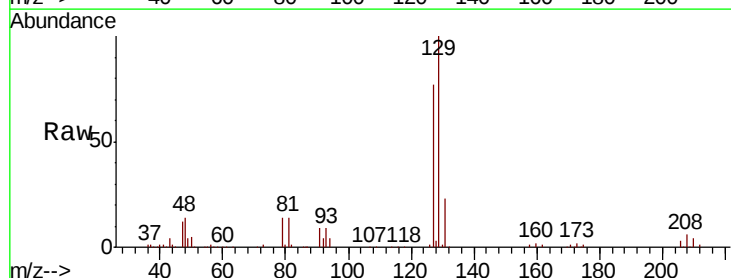
Instrument :
MSVOA_N
ClientSampled :
ICVVN022519

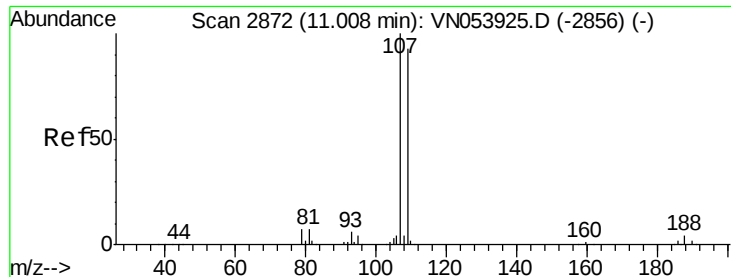
Tgt Ion: 43 Resp: 1173010
Ion Ratio Lower Upper
43 100
58 54.6 29.1 87.4



#60
Dibromochloromethane
Concen: 51.132 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN053930.D
Acq: 25 Feb 2019 15:23

Tgt Ion: 129 Resp: 408705
Ion Ratio Lower Upper
129 100
127 76.9 38.8 116.3

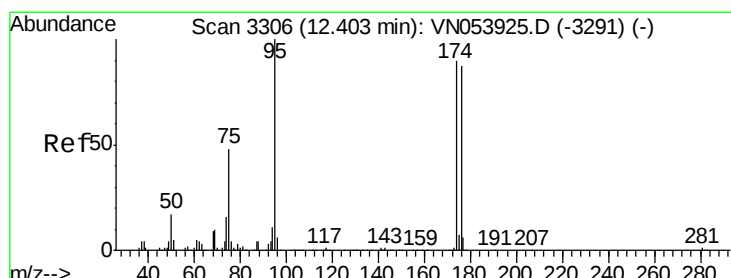
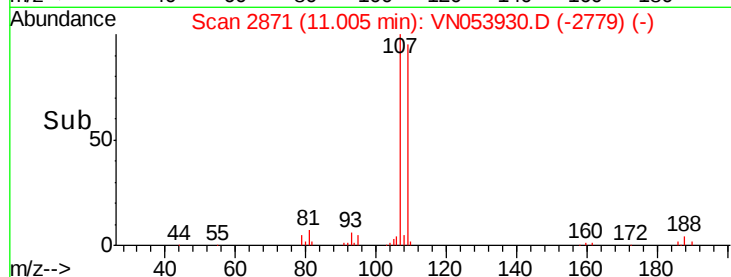
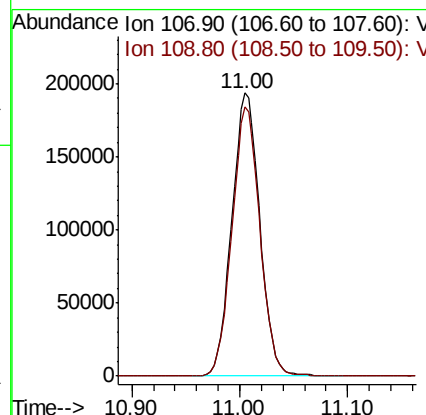
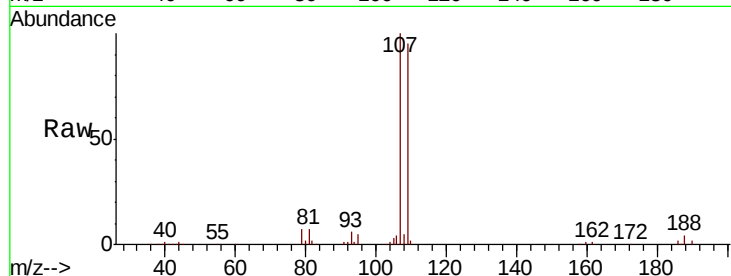




#61
 1,2-Dibromoethane
 Concen: 50.498 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VN053930.D
 Acq: 25 Feb 2019 15:23

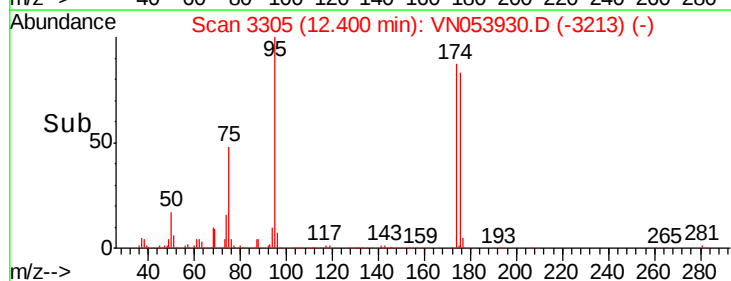
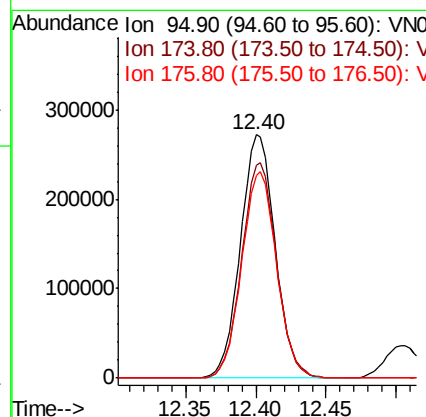
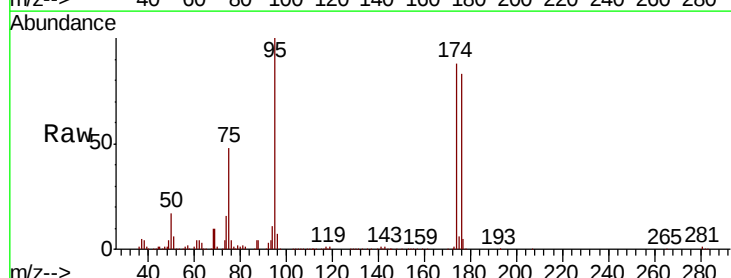
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN022519

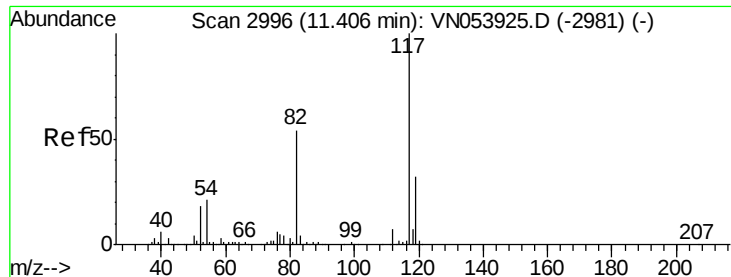
Tgt Ion: 107 Resp: 350350
 Ion Ratio Lower Upper
 107 100
 109 94.9 76.3 114.5



#62
 4-Bromofluorobenzene
 Concen: 51.207 ug/l
 RT: 12.40 min Scan# 3305
 Delta R.T. -0.00 min
 Lab File: VN053930.D
 Acq: 25 Feb 2019 15:23

Tgt Ion: 95 Resp: 470159
 Ion Ratio Lower Upper
 95 100
 174 88.6 0.0 188.8
 176 85.3 0.0 182.6

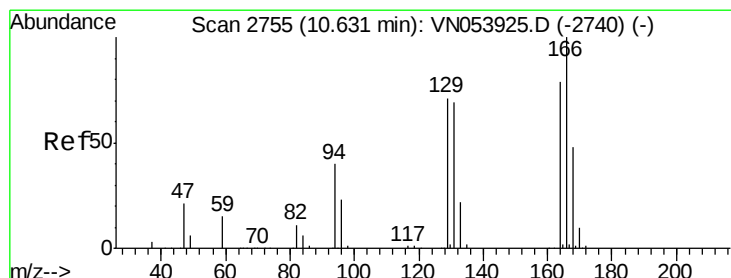
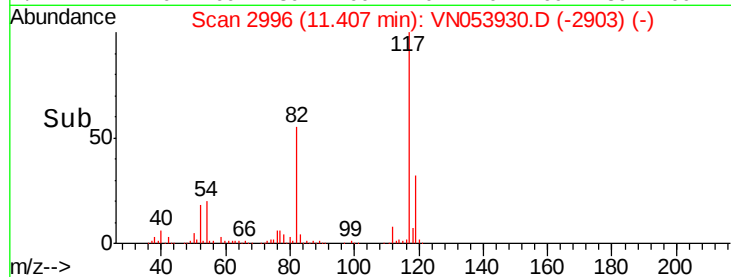
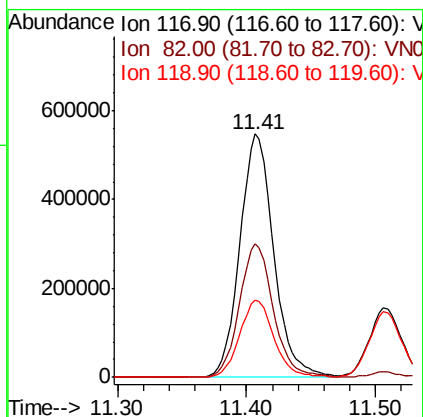
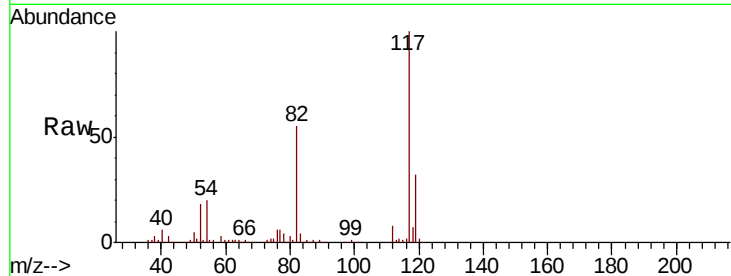




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053930.D
Acq: 25 Feb 2019 15:23

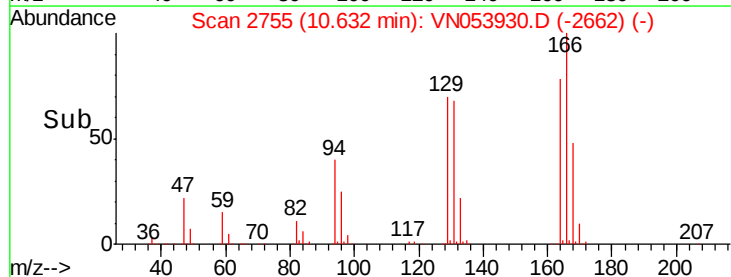
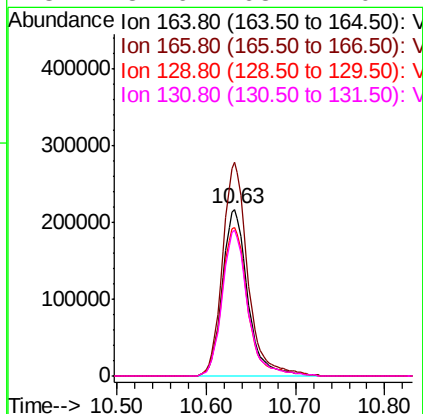
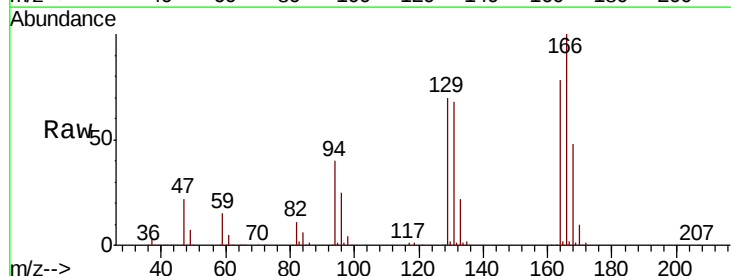
Instrument :
MSVOA_N
ClientSampleId :
ICVVN022519

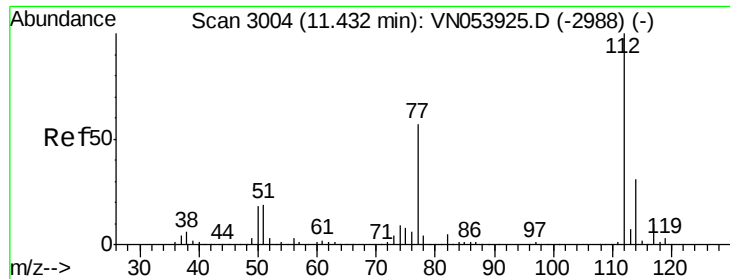
Tgt Ion:117 Resp: 1002315
Ion Ratio Lower Upper
117 100
82 54.8 41.4 62.2
119 31.9 25.3 37.9



#64
Tetrachloroethene
Concen: 50.274 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN053930.D
Acq: 25 Feb 2019 15:23

Tgt Ion:164 Resp: 426693
Ion Ratio Lower Upper
164 100
166 128.2 102.6 153.8
129 89.5 69.4 104.0
131 87.6 68.1 102.1

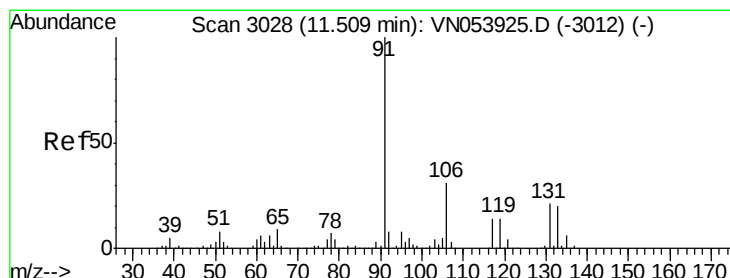
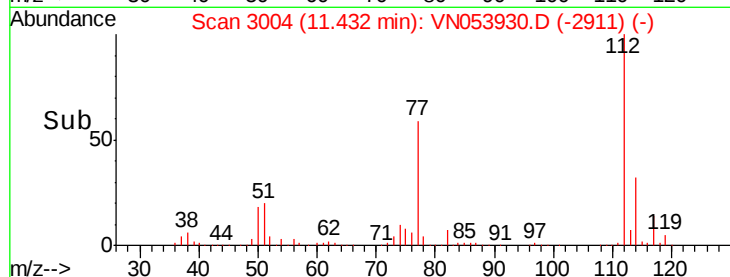
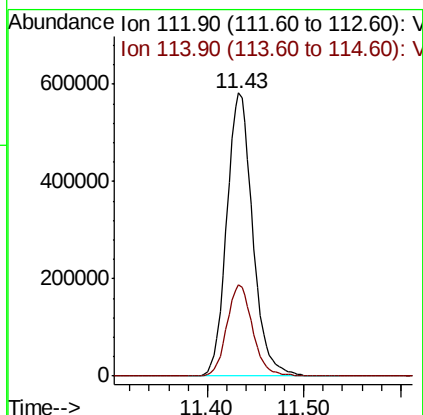
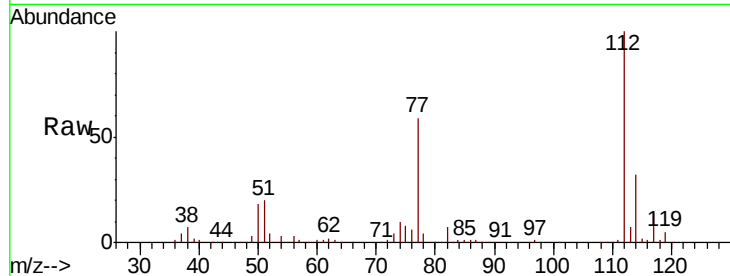




#65
Chlorobenzene
Concen: 51.193 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN053930.D
Acq: 25 Feb 2019 15:23

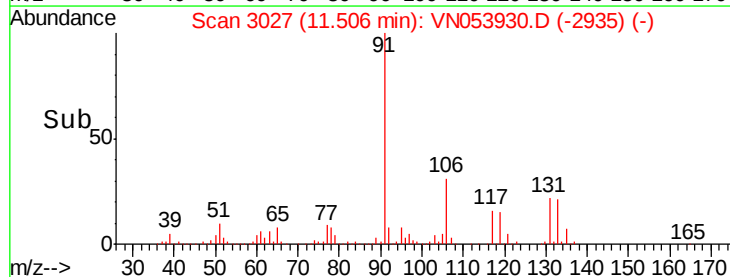
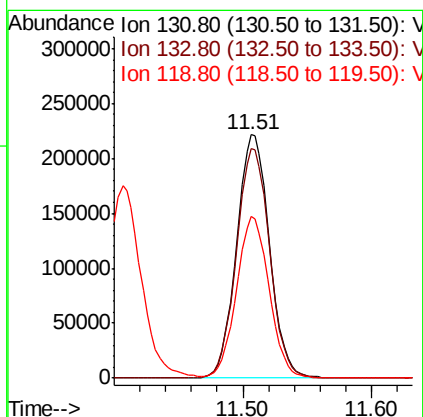
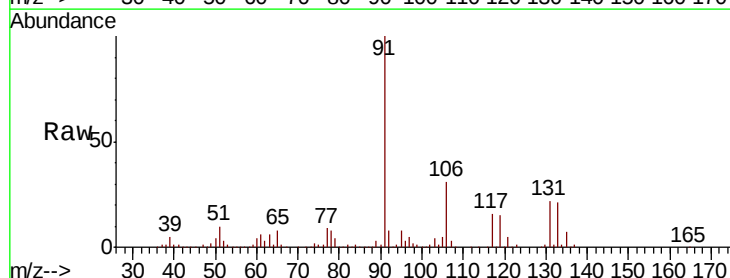
Instrument :
MSVOA_N
ClientSampleId :
ICVVN022519

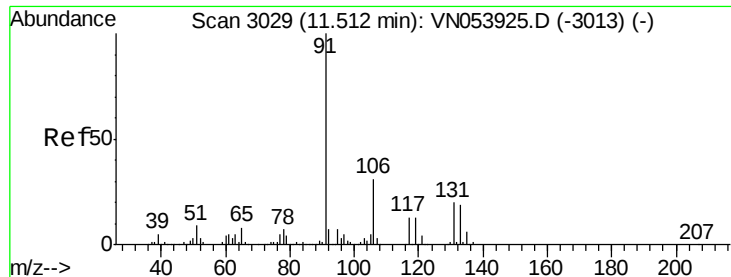
Tgt Ion:112 Resp: 1082913
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 51.469 ug/l
RT: 11.51 min Scan# 3027
Delta R.T. -0.00 min
Lab File: VN053930.D
Acq: 25 Feb 2019 15:23

Tgt Ion:131 Resp: 392390
Ion Ratio Lower Upper
131 100
133 95.6 47.7 143.1
119 66.1 33.1 99.3

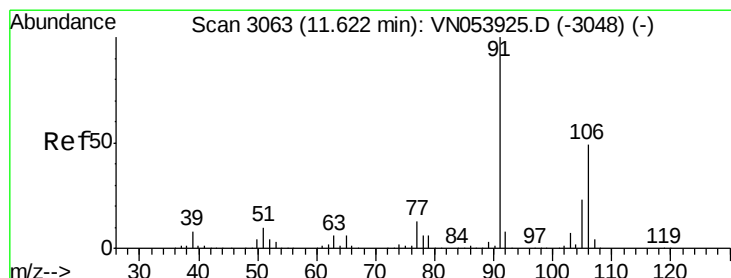
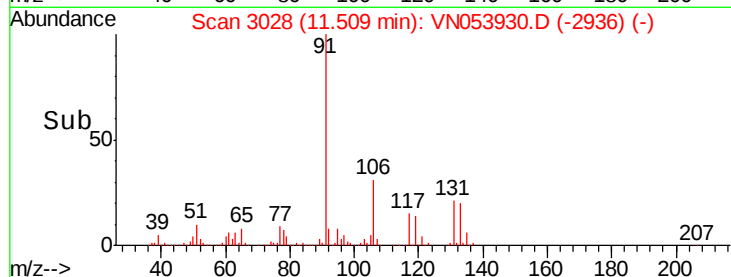
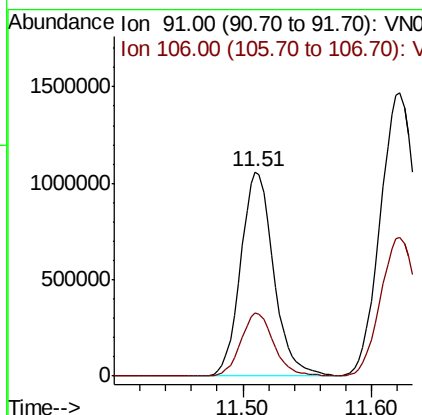
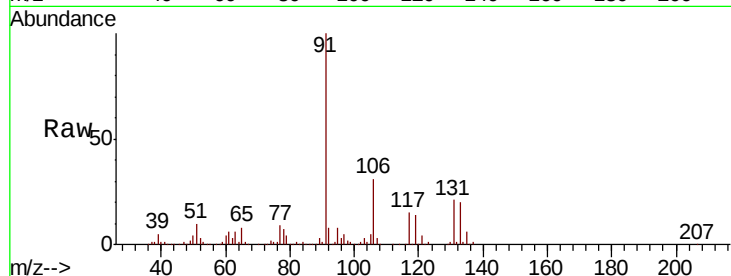




#67
Ethyl Benzene
Concen: 53.133 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN053930.D
Acq: 25 Feb 2019 15:23

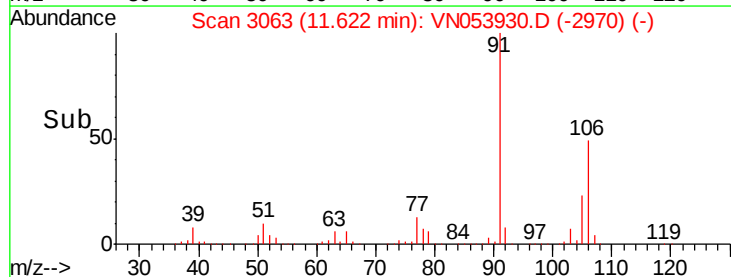
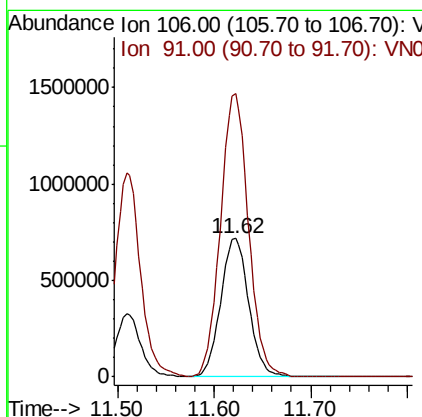
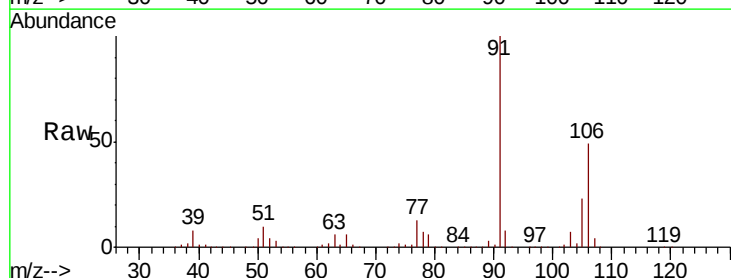
Instrument :
MSVOA_N
ClientSampleId :
ICVVN022519

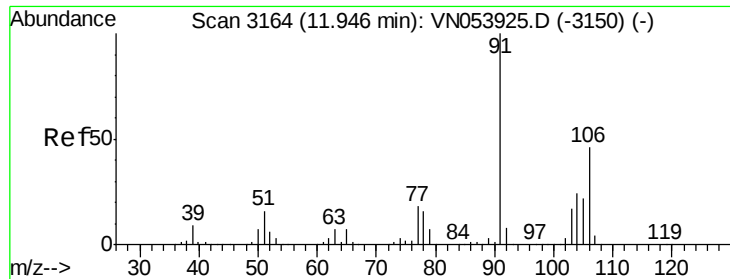
Tgt Ion: 91 Resp: 1884238
Ion Ratio Lower Upper
91 100
106 31.1 25.2 37.8



#68
m/p-Xylenes
Concen: 108.265 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN053930.D
Acq: 25 Feb 2019 15:23

Tgt Ion: 106 Resp: 1449055
Ion Ratio Lower Upper
106 100
91 203.8 158.9 238.3

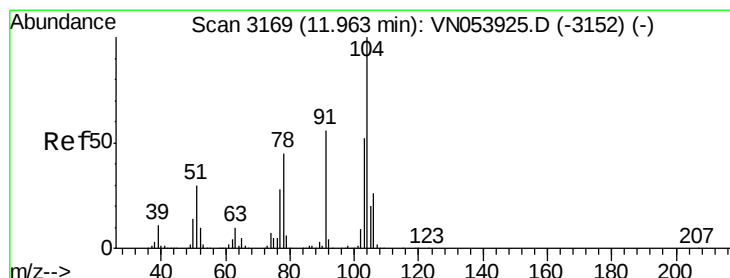
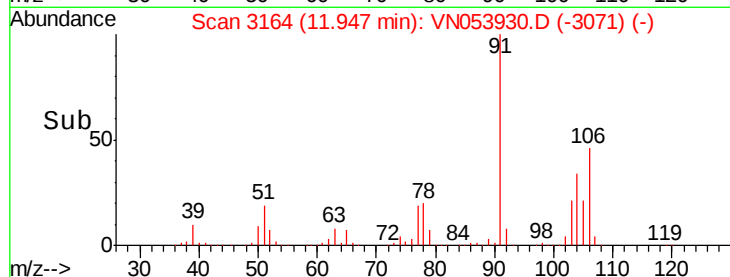
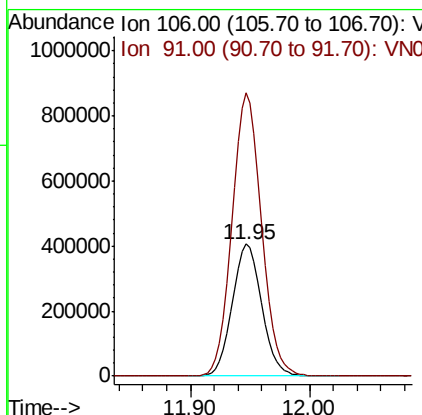
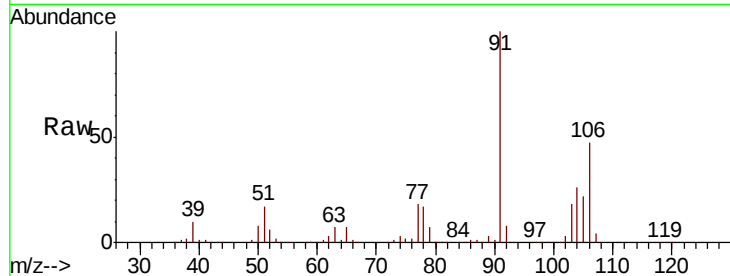




#69
o-Xylene
Concen: 52.910 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN053930.D
Acq: 25 Feb 2019 15:23

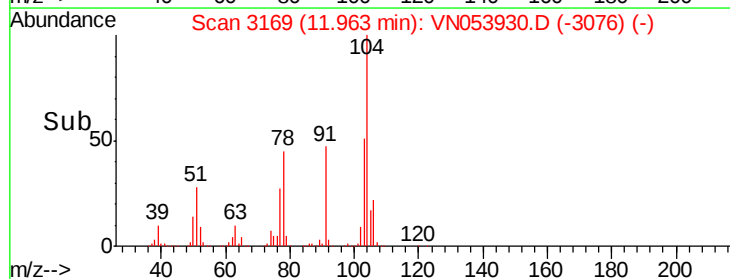
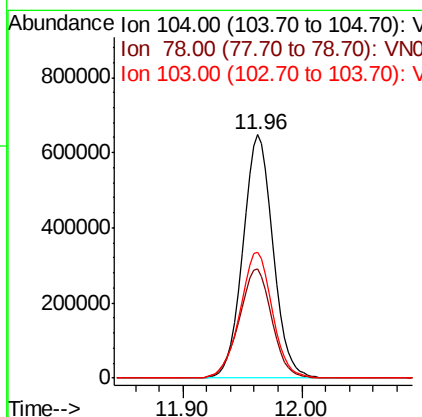
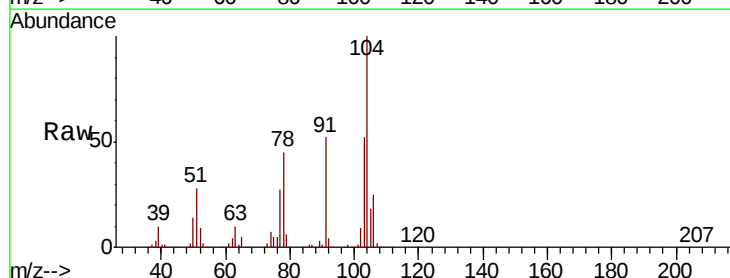
Instrument :
MSVOA_N
ClientSampleId :
ICVVN022519

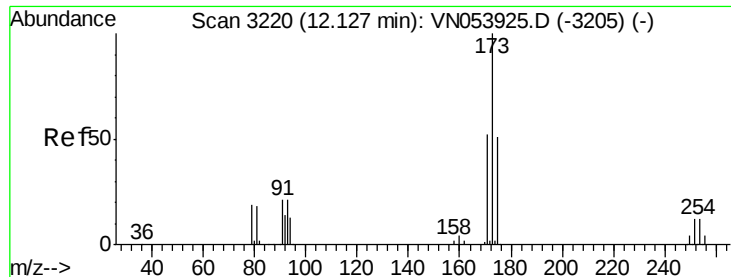
Tgt Ion:106 Resp: 695832
Ion Ratio Lower Upper
106 100
91 214.5 106.0 318.0



#70
Styrene
Concen: 56.084 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN053930.D
Acq: 25 Feb 2019 15:23

Tgt Ion:104 Resp: 1134460
Ion Ratio Lower Upper
104 100
78 49.0 38.1 57.1
103 55.7 44.6 67.0





#71

Bromoform

Concen: 52.429 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN053930.D

Acq: 25 Feb 2019 15:23

Instrument :

MSVOA_N

ClientSampleId :

ICVVN022519

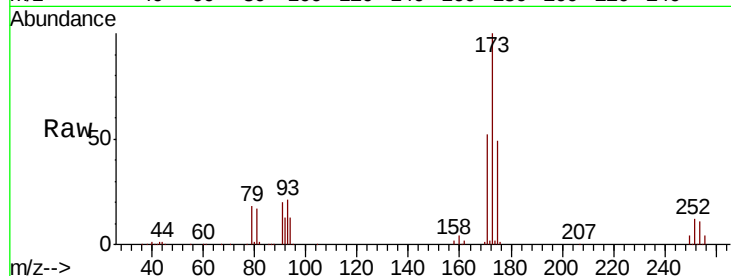
Tgt Ion:173 Resp: 278072

Ion Ratio Lower Upper

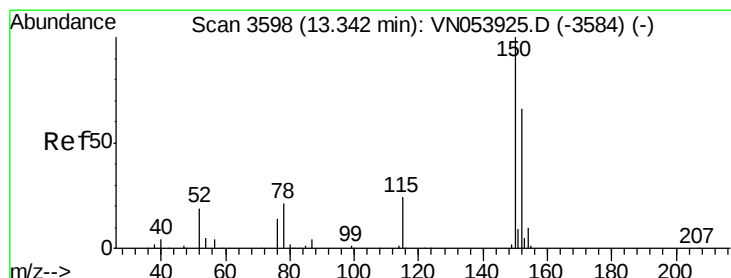
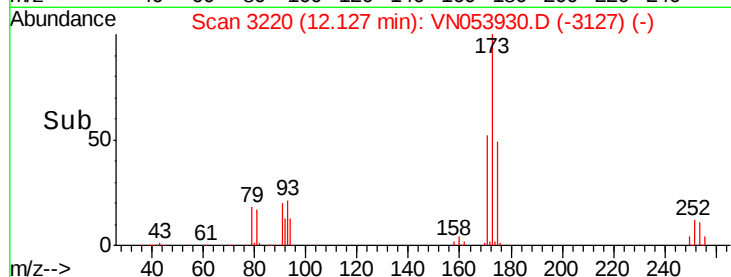
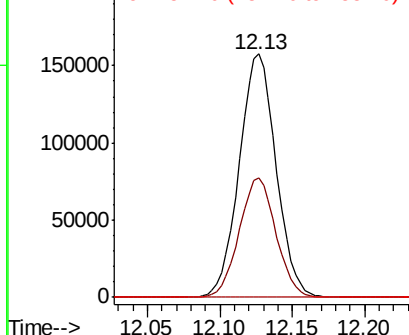
173 100

175 48.8 24.3 72.8

254 0.1 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN053930.D

Acq: 25 Feb 2019 15:23

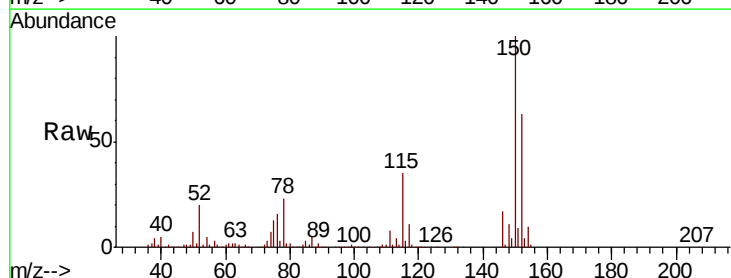
Tgt Ion:152 Resp: 489553

Ion Ratio Lower Upper

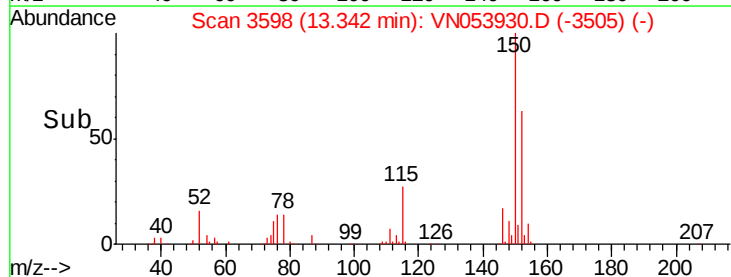
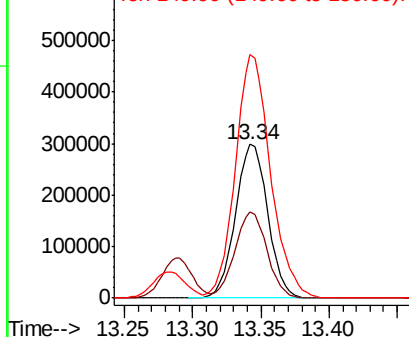
152 100

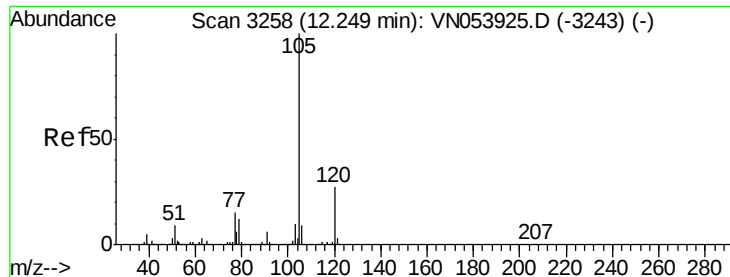
115 55.8 27.2 81.6

150 172.4 0.0 348.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.204 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN053930.D

Acq: 25 Feb 2019 15:23

Instrument :

MSVOA_N

ClientSampleId :

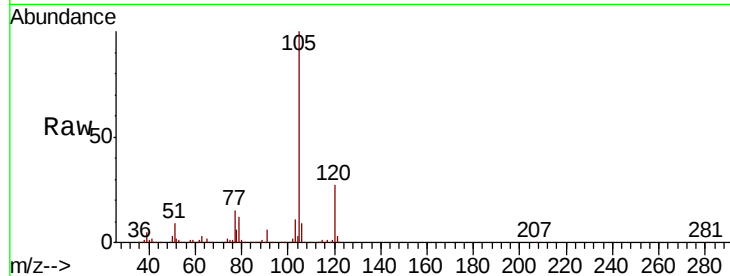
ICVVN022519

Tgt Ion: 105 Resp: 1836974

Ion Ratio Lower Upper

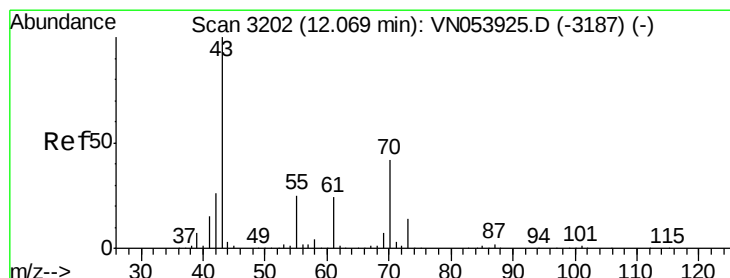
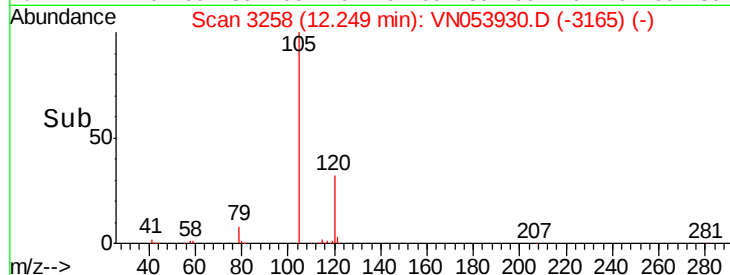
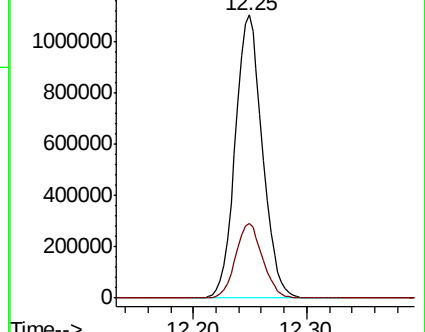
105 100

120 26.4 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.963 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN053930.D

Acq: 25 Feb 2019 15:23

Tgt Ion: 43 Resp: 519006

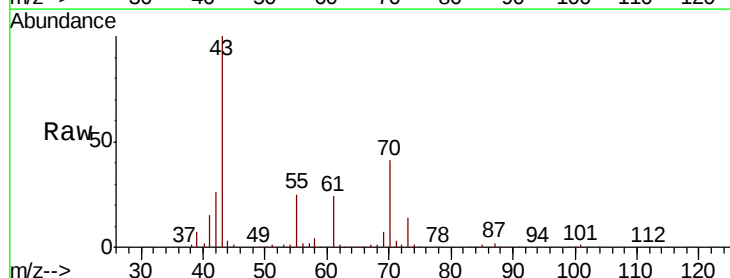
Ion Ratio Lower Upper

43 100

70 41.0 37.4 56.2

55 25.0 21.4 32.0

61 24.1 20.9 31.3

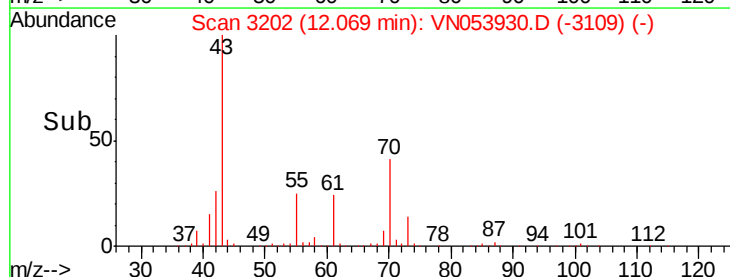
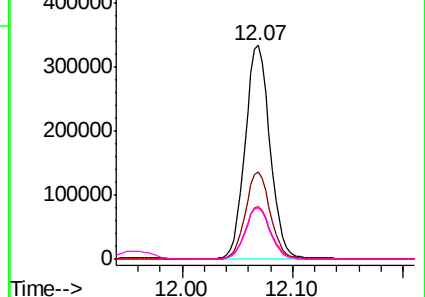


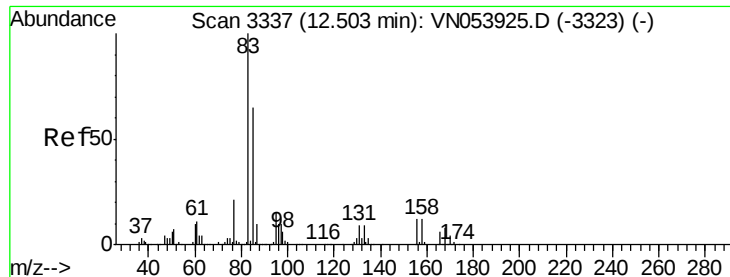
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 45.900 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN053930.D

Acq: 25 Feb 2019 15:23

Instrument :

MSVOA_N

ClientSampleId :

ICVVN022519

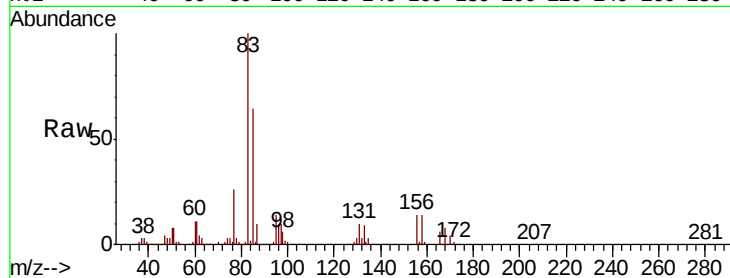
Tgt Ion: 83 Resp: 437413

Ion Ratio Lower Upper

83 100

131 10.5 5.3 16.1

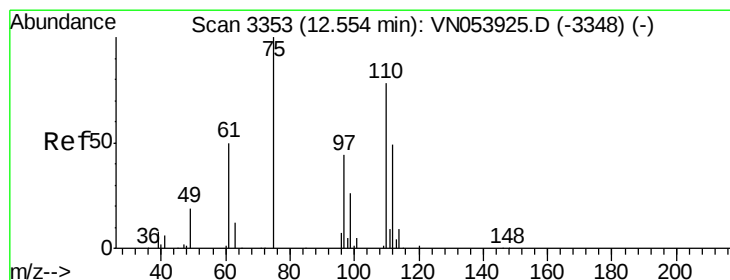
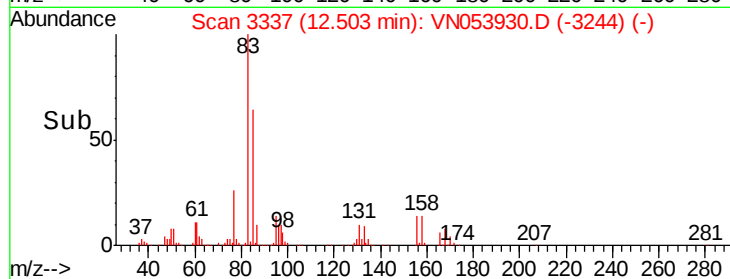
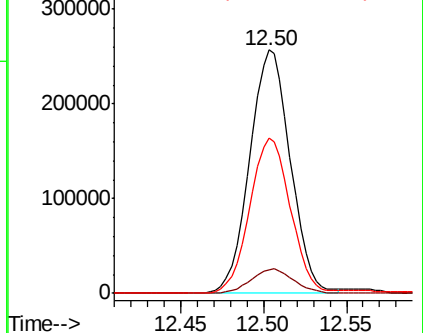
85 64.0 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VN053930.D (-3244) (-)

Ion 130.80 (130.50 to 131.50): VN053930.D (-3244) (-)

Ion 84.90 (84.60 to 85.60): VN053930.D (-3244) (-)



#76

1,2,3-Trichloropropane

Concen: 70.251 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN053930.D

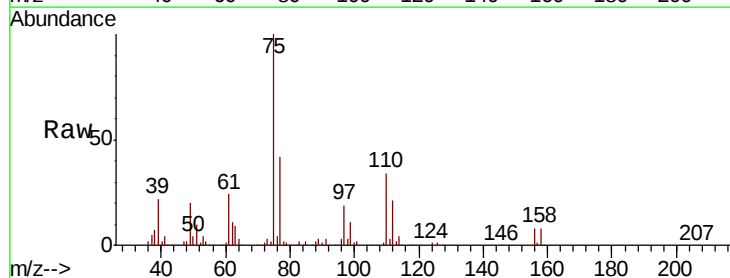
Acq: 25 Feb 2019 15:23

Tgt Ion: 75 Resp: 551702

Ion Ratio Lower Upper

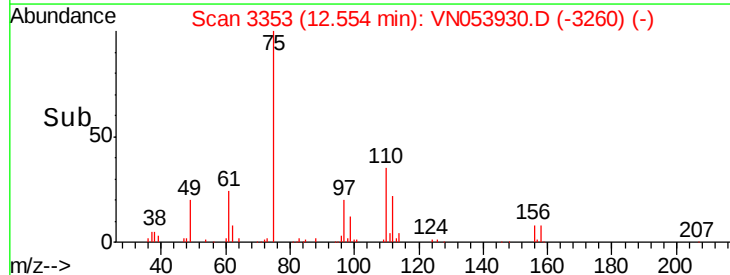
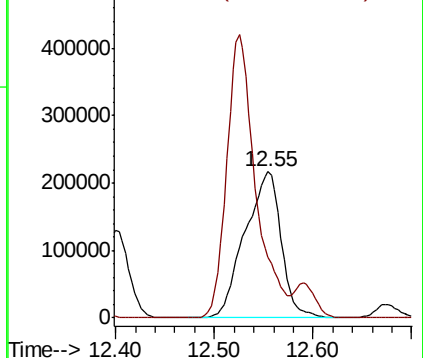
75 100

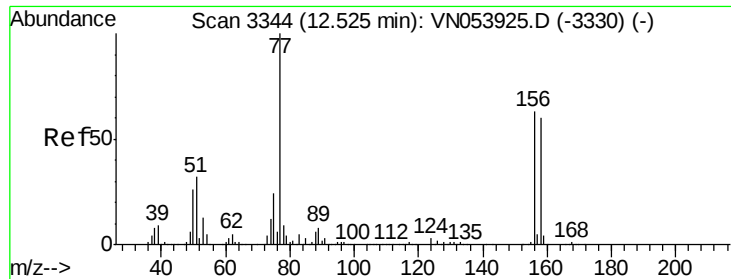
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN053930.D (-3260) (-)

Ion 77.00 (76.70 to 77.70): VN053930.D (-3260) (-)





#77

Bromobenzene

Concen: 48.170 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN053930.D

Acq: 25 Feb 2019 15:23

Instrument :

MSVOA_N

ClientSampleId :

ICVVN022519

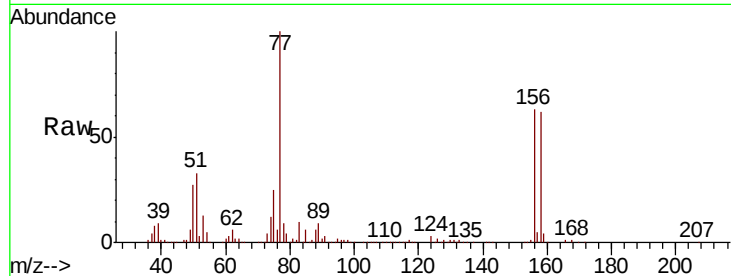
Tgt Ion:156 Resp: 466065

Ion Ratio Lower Upper

156 100

77 184.0 84.0 252.2

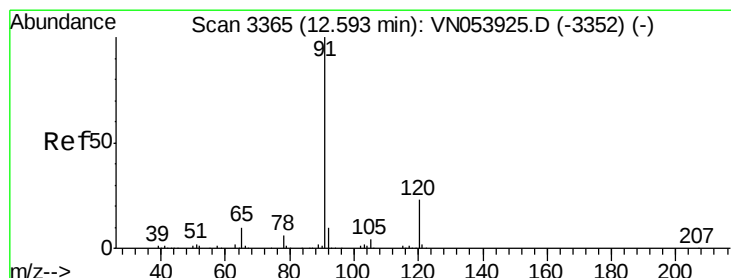
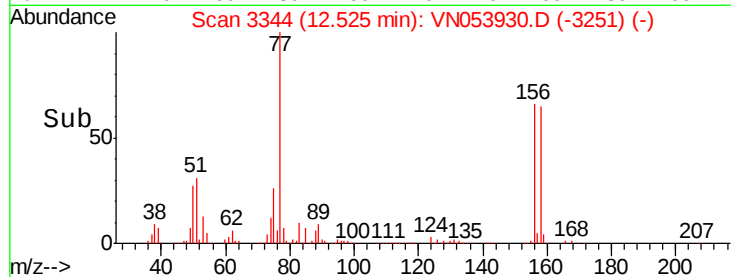
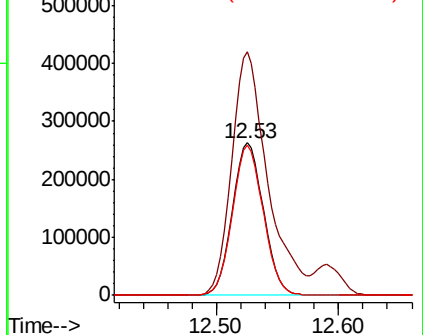
158 97.5 48.5 145.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.692 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN053930.D

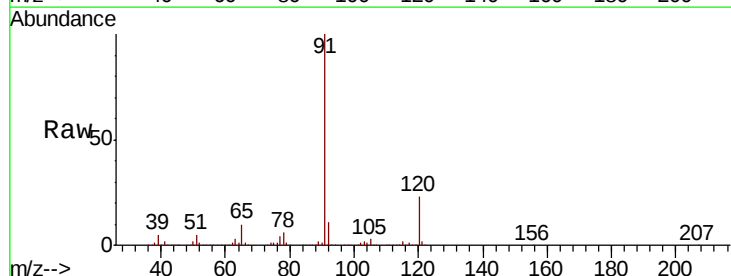
Acq: 25 Feb 2019 15:23

Tgt Ion: 91 Resp: 2196962

Ion Ratio Lower Upper

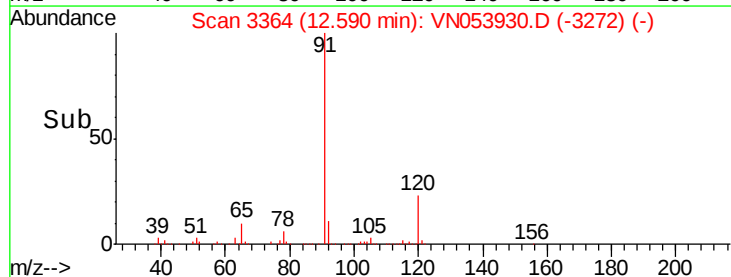
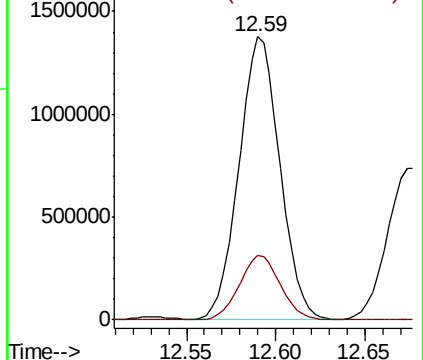
91 100

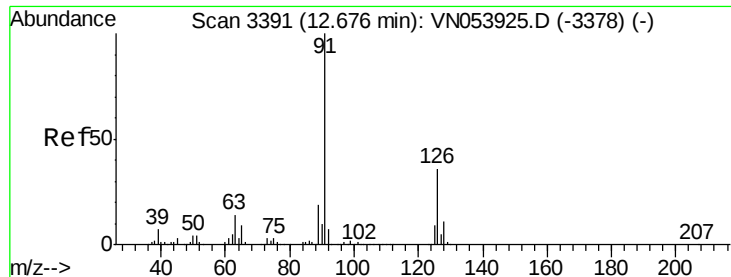
120 22.9 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.409 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN053930.D

Acq: 25 Feb 2019 15:23

Instrument :

MSVOA_N

ClientSampled :

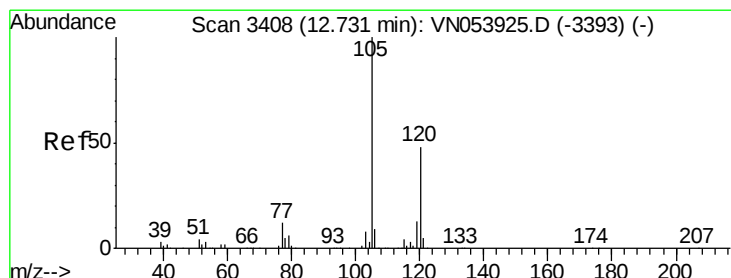
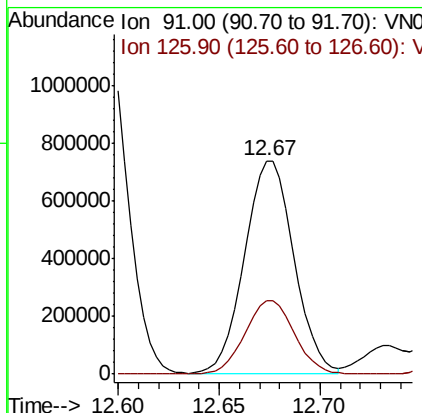
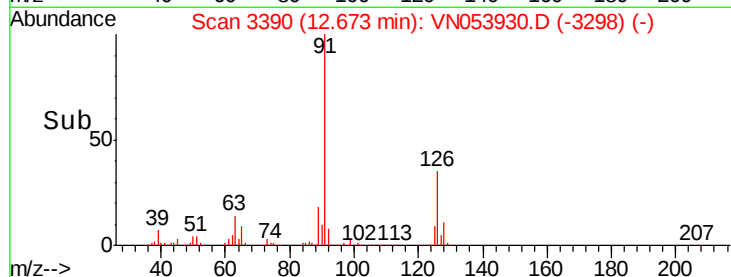
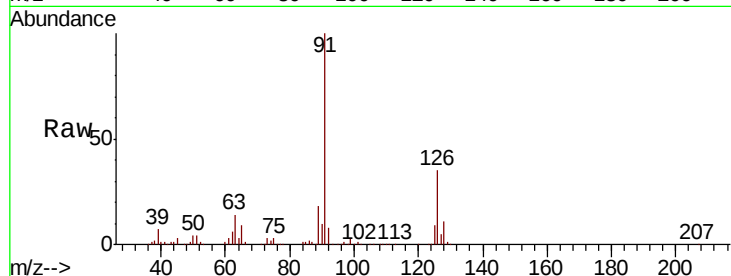
ICVVN022519

Tgt Ion: 91 Resp: 1260316

Ion Ratio Lower Upper

91 100

126 35.0 18.1 54.4



#80

1,3,5-Trimethylbenzene

Concen: 50.798 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN053930.D

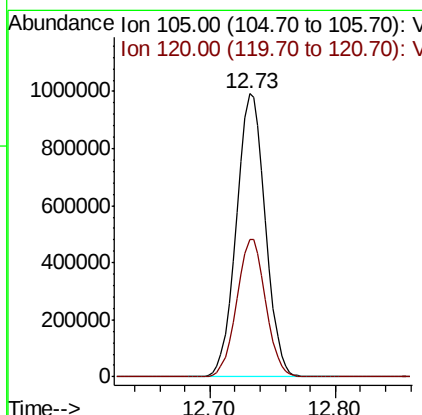
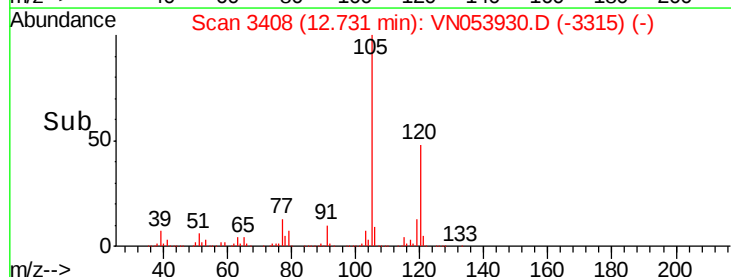
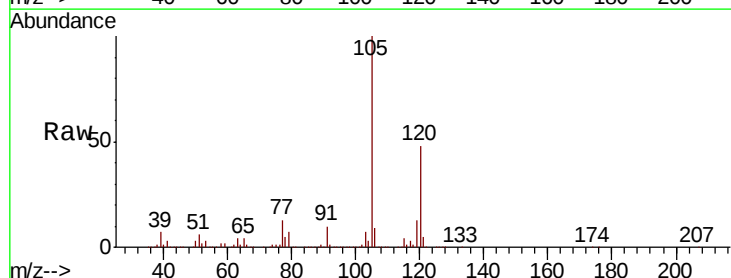
Acq: 25 Feb 2019 15:23

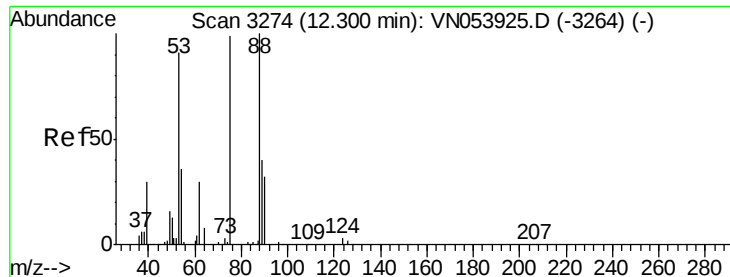
Tgt Ion: 105 Resp: 1584803

Ion Ratio Lower Upper

105 100

120 48.7 25.1 75.2





#81

trans-1,4-Dichloro-2-butene

Concen: 49.973 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN053930.D

Acq: 25 Feb 2019 15:23

Instrument :

MSVOA_N

ClientSampleId :

ICVVN022519

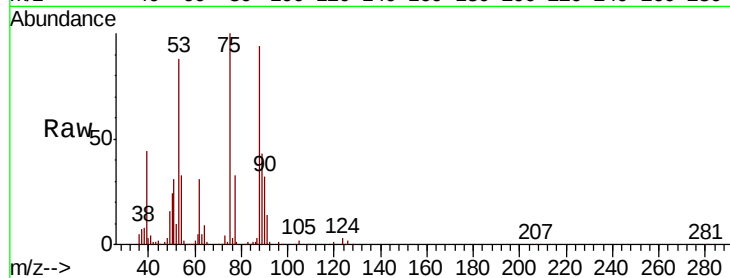
Tgt Ion: 75 Resp: 124169

Ion Ratio Lower Upper

75 100

53 92.4 68.6 102.8

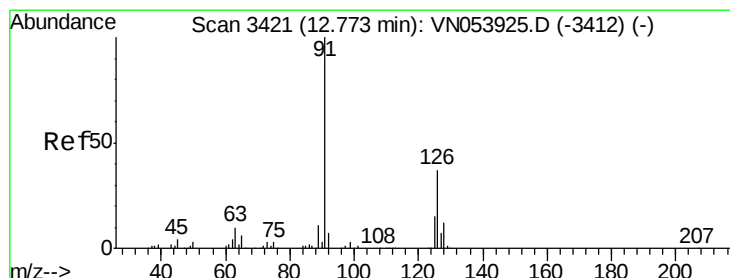
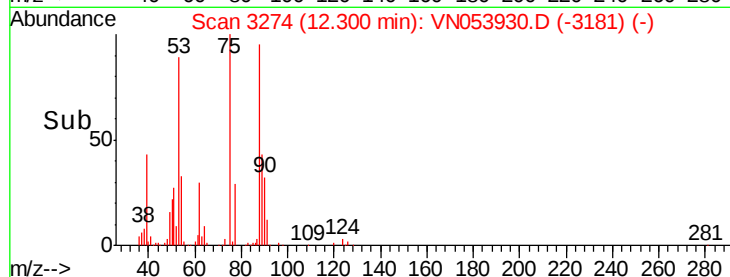
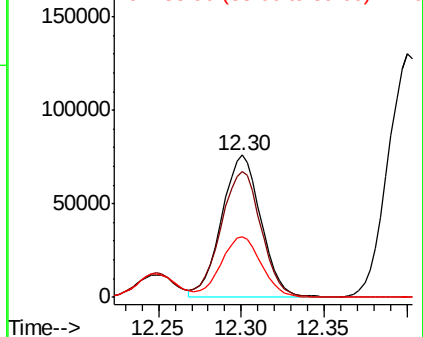
89 44.1 35.3 52.9



Abundance Ion 74.90 (74.60 to 75.60): VNO

Ion 53.00 (52.70 to 53.70): VNO

Ion 88.90 (88.60 to 89.60): VNO



#82

4-Chlorotoluene

Concen: 50.553 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN053930.D

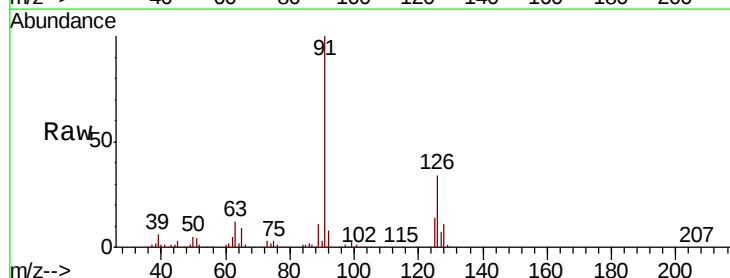
Acq: 25 Feb 2019 15:23

Tgt Ion: 91 Resp: 1300786

Ion Ratio Lower Upper

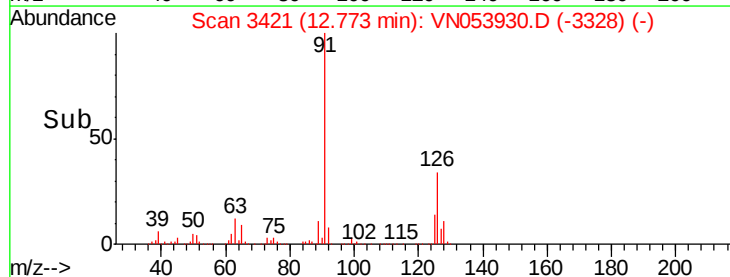
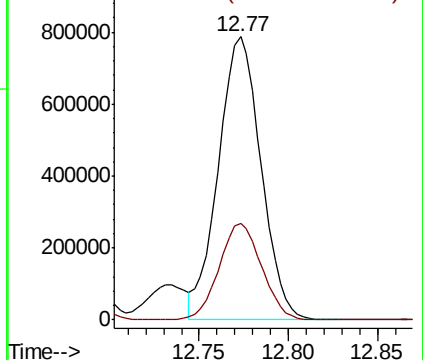
91 100

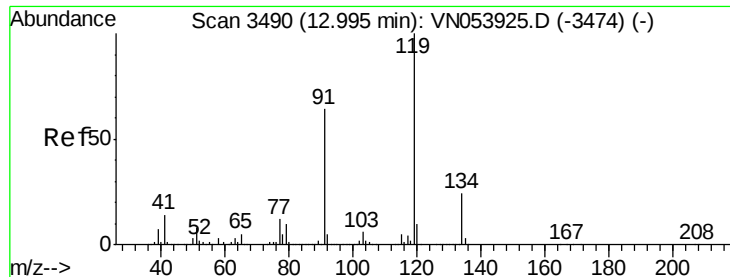
126 34.0 18.0 54.0



Abundance Ion 91.00 (90.70 to 91.70): VNO

Ion 125.90 (125.60 to 126.60): VNO

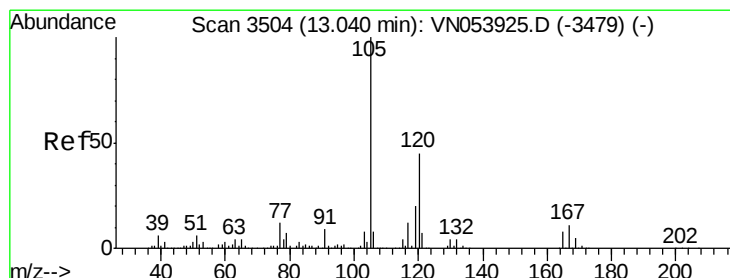
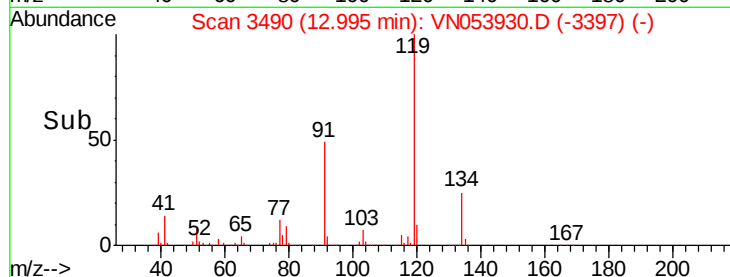
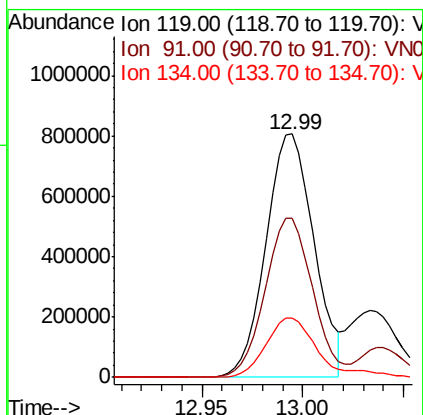
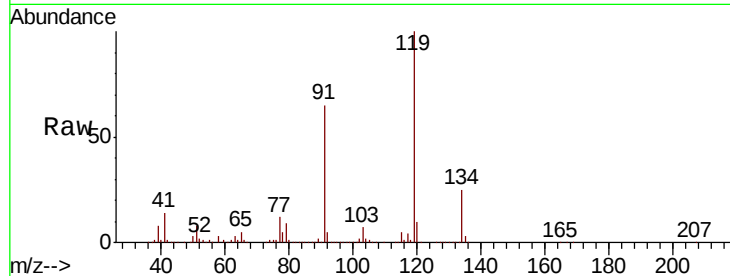




#83
 tert-Butylbenzene
 Concen: 48.371 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN053930.D
 Acq: 25 Feb 2019 15:23

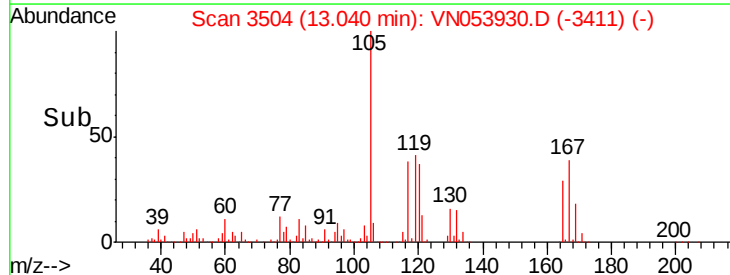
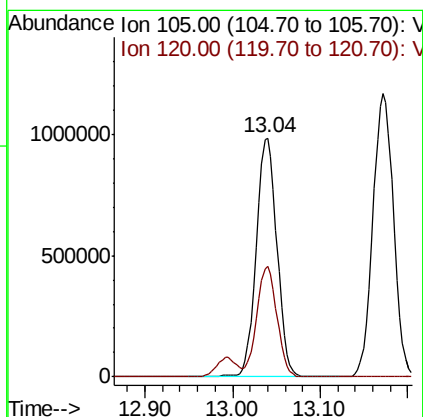
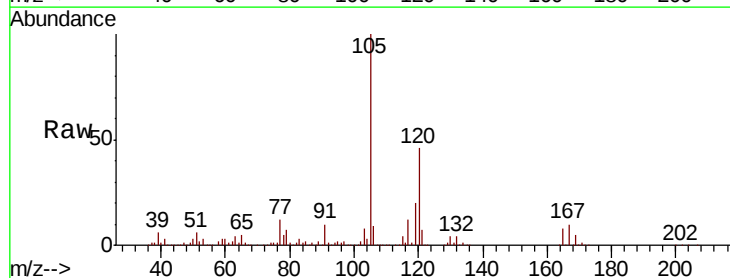
Instrument :
 MSVOA_N
 ClientSampled :
 ICVVN022519

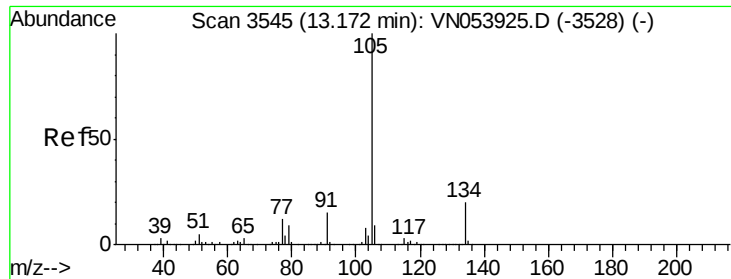
Tgt Ion:119 Resp: 1334688
 Ion Ratio Lower Upper
 119 100
 91 64.5 30.6 91.8
 134 26.4 13.0 39.0



#84
 1,2,4-Trimethylbenzene
 Concen: 51.689 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN053930.D
 Acq: 25 Feb 2019 15:23

Tgt Ion:105 Resp: 1609926
 Ion Ratio Lower Upper
 105 100
 120 45.4 23.2 69.5





#85

sec-Butylbenzene

Concen: 50.403 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN053930.D

Acq: 25 Feb 2019 15:23

Instrument :

MSVOA_N

ClientSampleId :

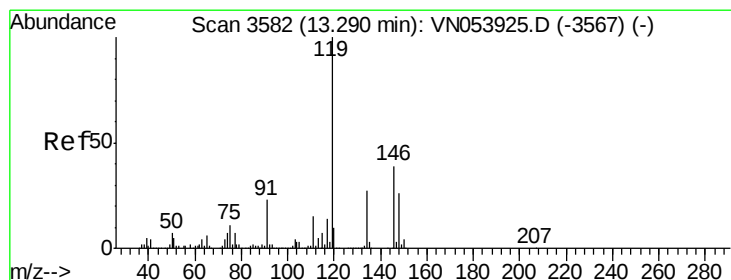
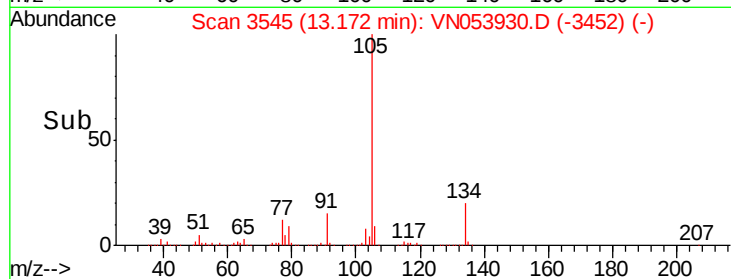
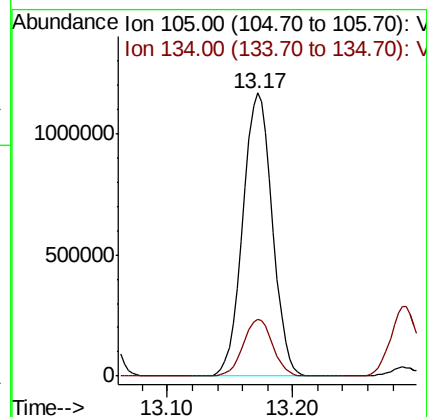
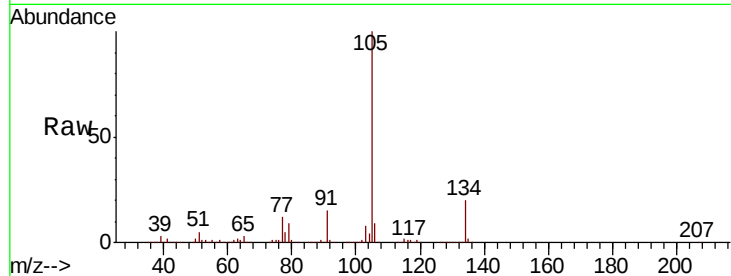
ICVVN022519

Tgt Ion:105 Resp: 1899518

Ion Ratio Lower Upper

105 100

134 20.1 10.4 31.1



#86

p-Isopropyltoluene

Concen: 52.025 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN053930.D

Acq: 25 Feb 2019 15:23

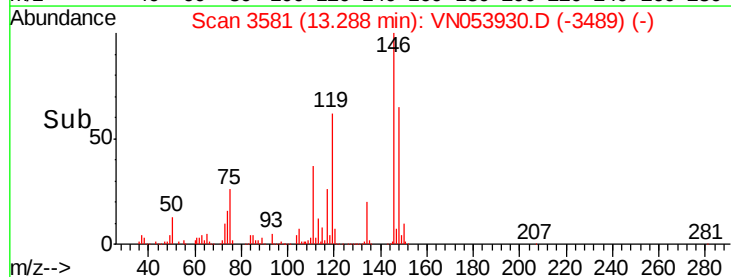
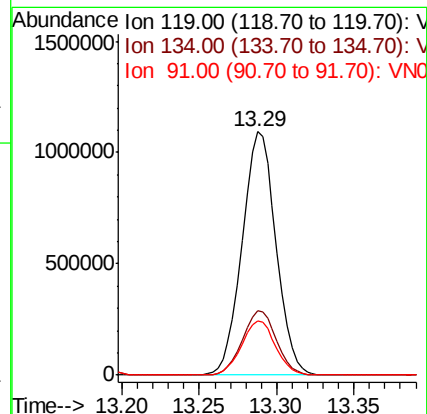
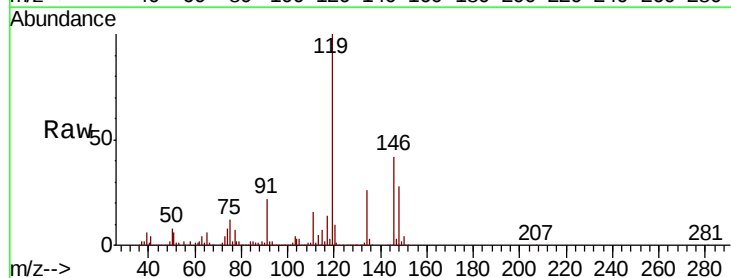
Tgt Ion:119 Resp: 1657500

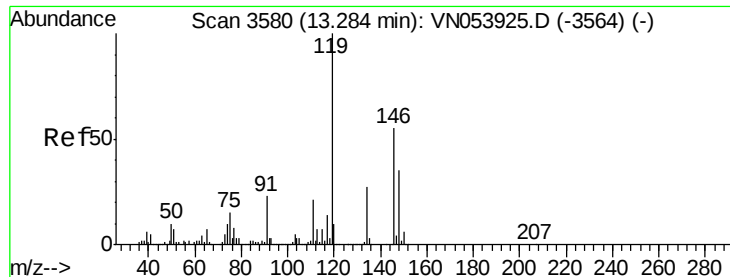
Ion Ratio Lower Upper

119 100

134 26.5 13.5 40.4

91 22.4 10.9 32.6





#87

1,3-Dichlorobenzene

Concen: 50.616 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN053930.D

Acq: 25 Feb 2019 15:23

Instrument :

MSVOA_N

ClientSampleId :

ICVVN022519

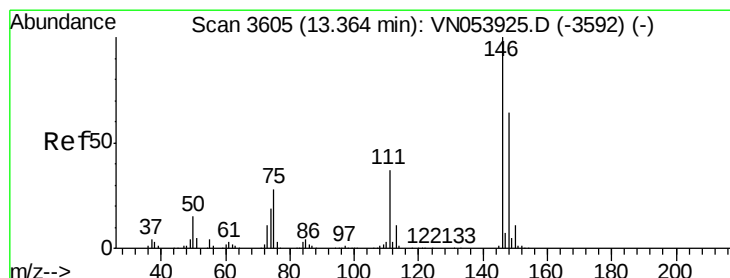
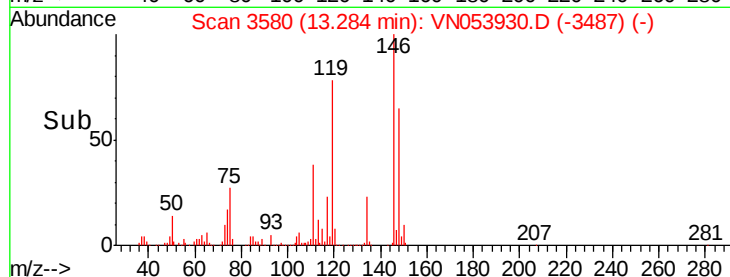
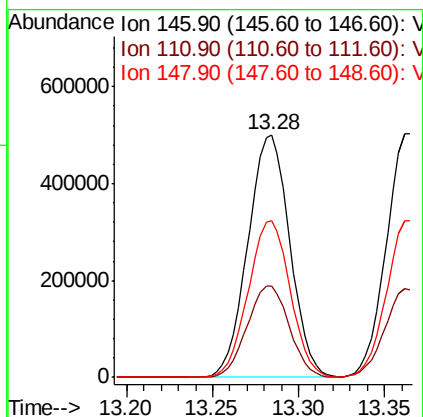
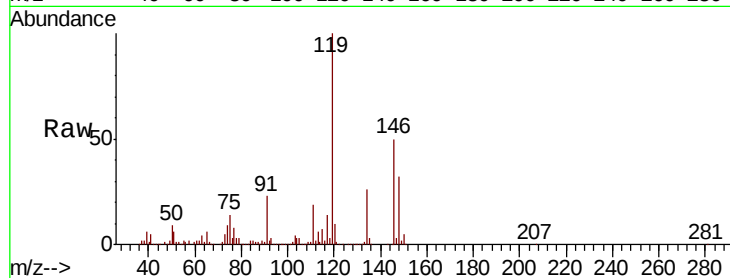
Tgt Ion:146 Resp: 847188

Ion Ratio Lower Upper

146 100

111 37.8 18.7 56.1

148 64.7 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 51.497 ug/l

RT: 13.36 min Scan# 3604

Delta R.T. -0.00 min

Lab File: VN053930.D

Acq: 25 Feb 2019 15:23

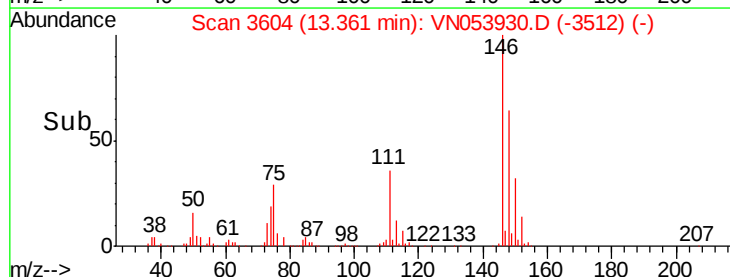
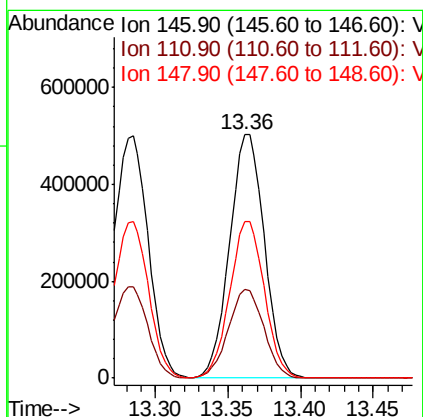
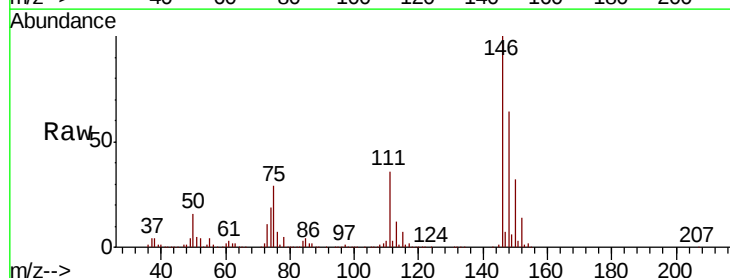
Tgt Ion:146 Resp: 836226

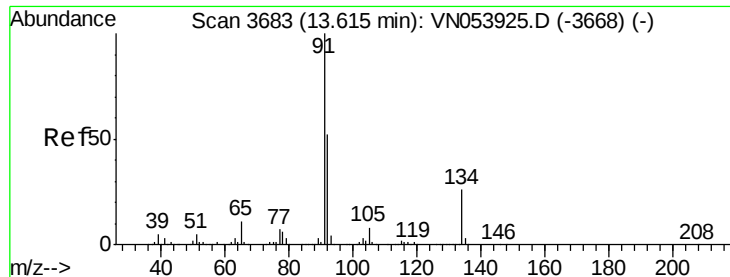
Ion Ratio Lower Upper

146 100

111 36.9 18.0 54.0

148 63.8 32.1 96.5

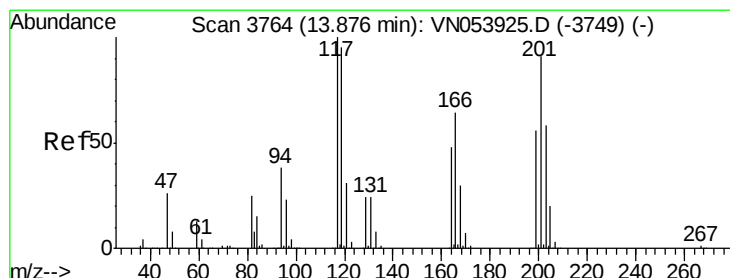
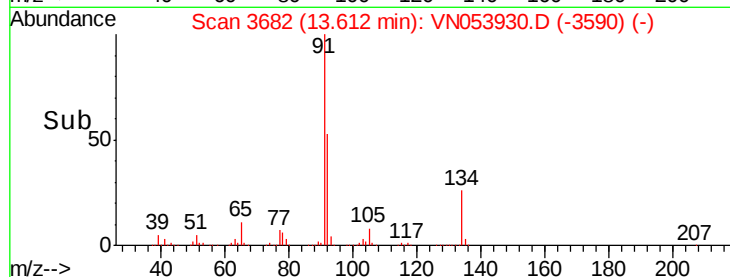
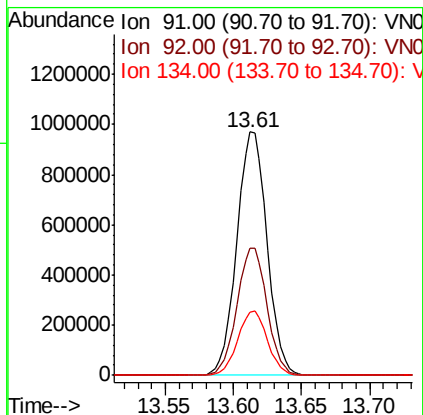
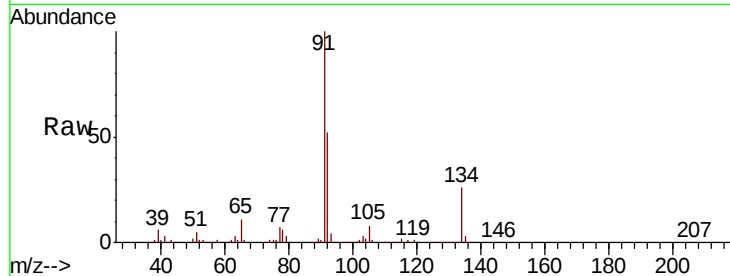




#89
n-Butylbenzene
Concen: 55.491 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. -0.00 min
Lab File: VN053930.D
Acq: 25 Feb 2019 15:23

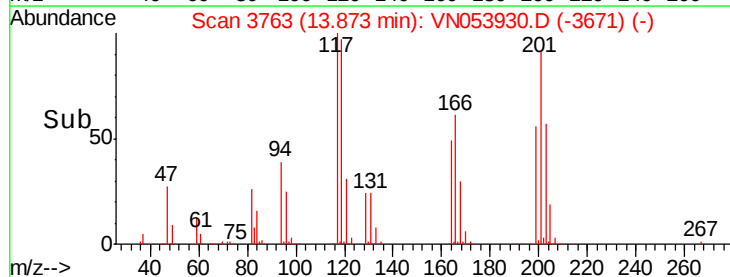
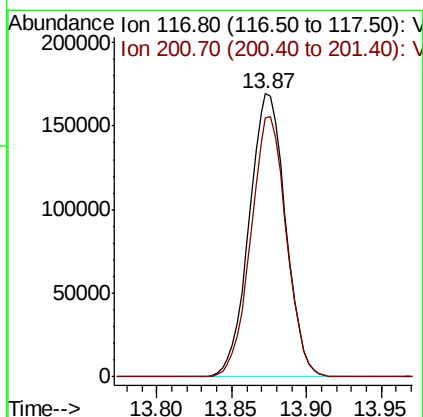
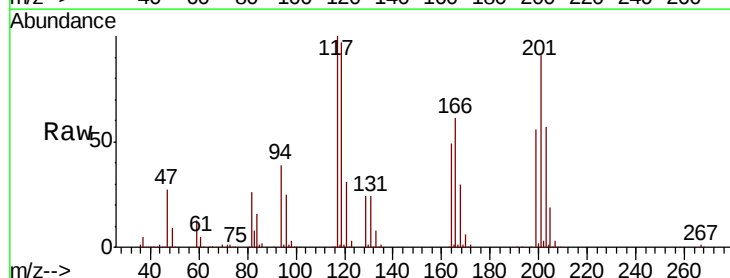
Instrument :
MSVOA_N
ClientSampleId :
ICVVN022519

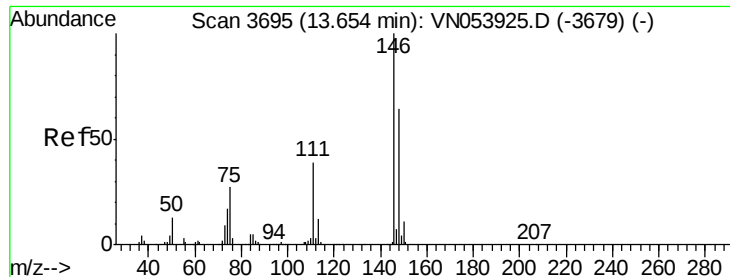
Tgt Ion: 91 Resp: 1489935
Ion Ratio Lower Upper
91 100
92 51.9 26.1 78.2
134 26.1 13.6 40.8



#90
Hexachloroethane
Concen: 46.471 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. -0.00 min
Lab File: VN053930.D
Acq: 25 Feb 2019 15:23

Tgt Ion: 117 Resp: 286903
Ion Ratio Lower Upper
117 100
201 89.8 48.0 144.2





#91

1,2-Dichlorobenzene

Concen: 50.010 ug/l

RT: 13.65 min Scan# 3695

Delta R.T. 0.00 min

Lab File: VN053930.D

Acq: 25 Feb 2019 15:23

Instrument :

MSVOA_N

ClientSampleId :

ICVVN022519

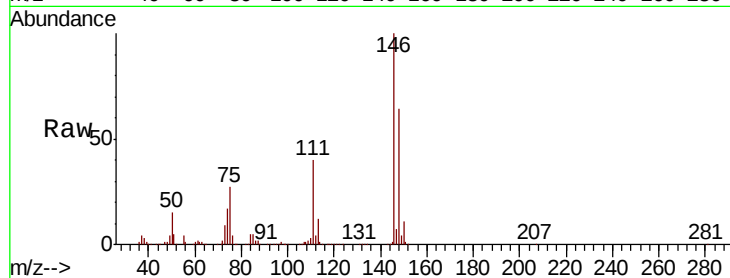
Tgt Ion:146 Resp: 810264

Ion Ratio Lower Upper

146 100

111 39.5 19.1 57.5

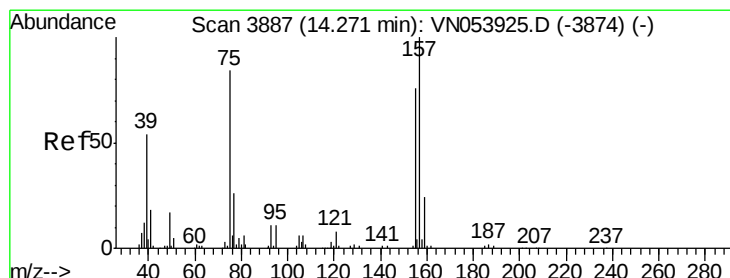
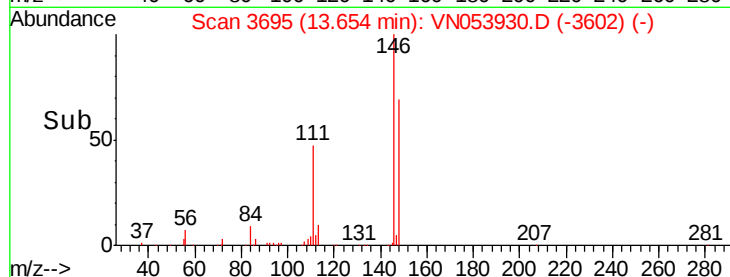
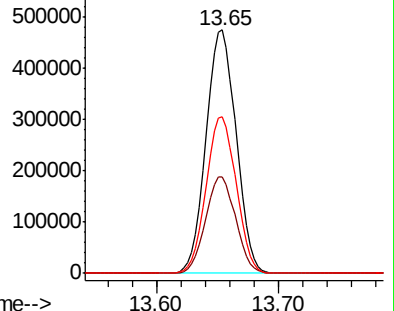
148 64.3 32.1 96.5



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.435 ug/l

RT: 14.27 min Scan# 3886

Delta R.T. -0.00 min

Lab File: VN053930.D

Acq: 25 Feb 2019 15:23

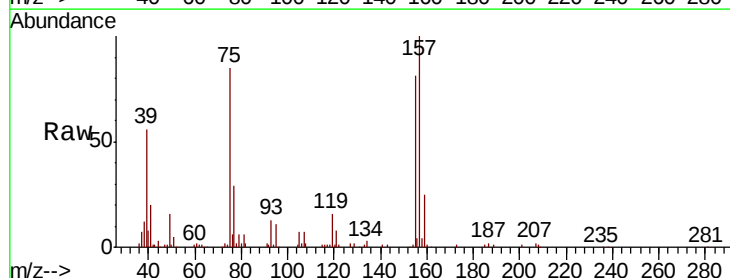
Tgt Ion: 75 Resp: 65227

Ion Ratio Lower Upper

75 100

155 93.0 49.5 148.5

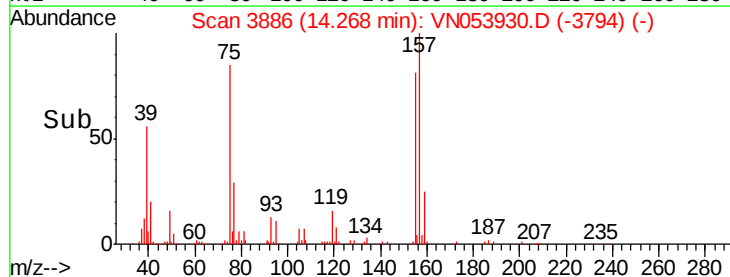
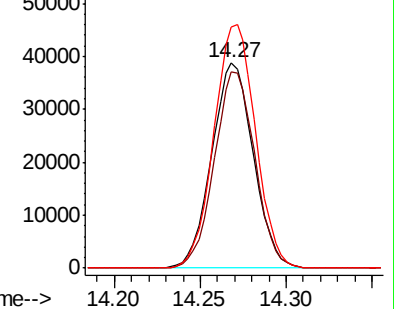
157 118.3 64.8 194.6

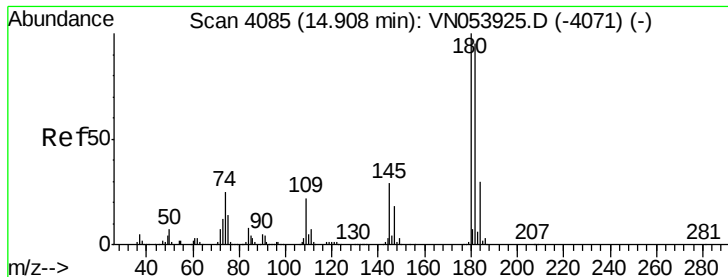


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

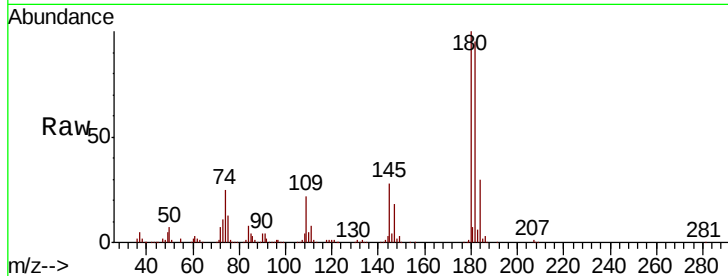




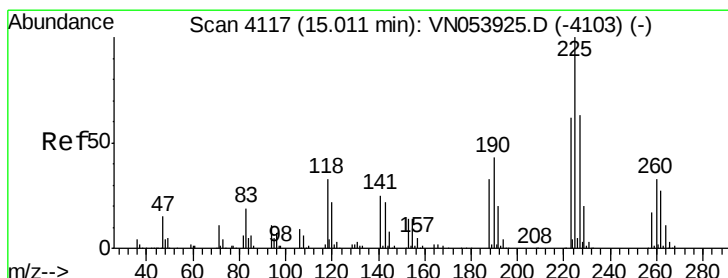
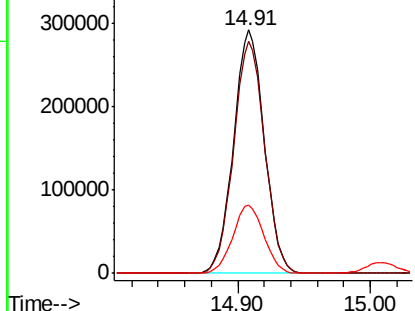
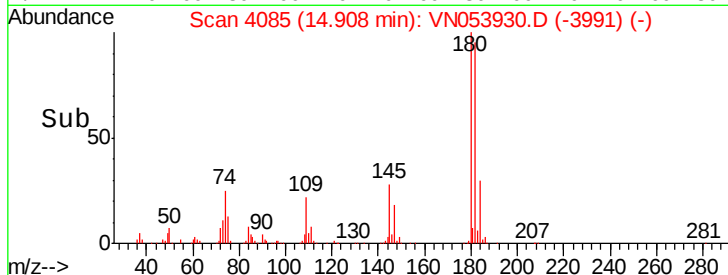
#93
 1,2,4-Trichlorobenzene
 Concen: 52.120 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN053930.D
 Acq: 25 Feb 2019 15:23

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN022519

Tgt Ion:180 Resp: 469876
 Ion Ratio Lower Upper
 180 100
 182 95.9 48.6 145.9
 145 28.4 13.8 41.3

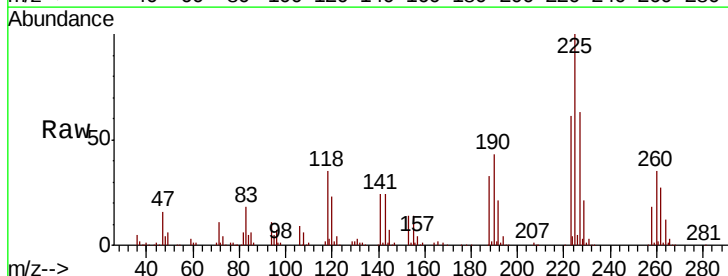


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

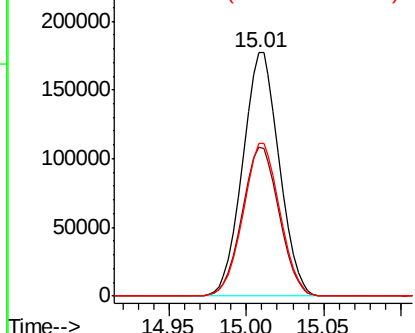
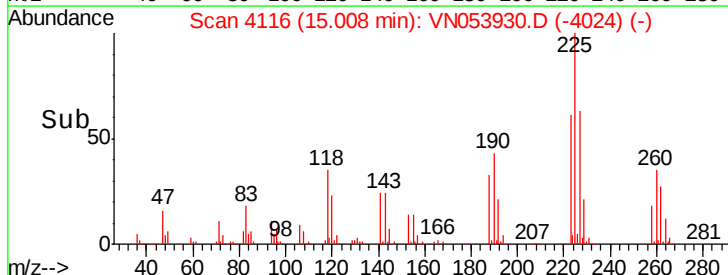


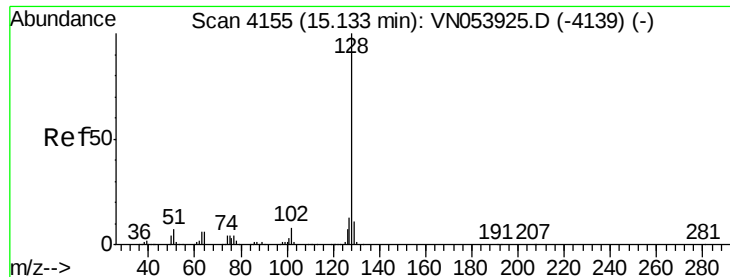
#94
 Hexachlorobutadiene
 Concen: 49.798 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN053930.D
 Acq: 25 Feb 2019 15:23

Tgt Ion:225 Resp: 291449
 Ion Ratio Lower Upper
 225 100
 223 62.0 30.9 92.5
 227 63.1 32.5 97.4



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

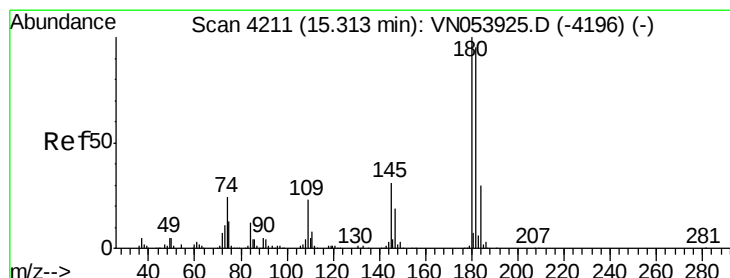
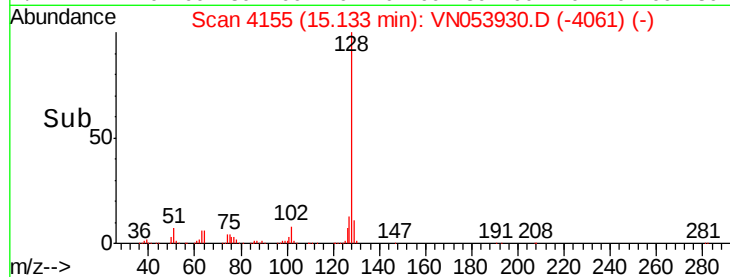
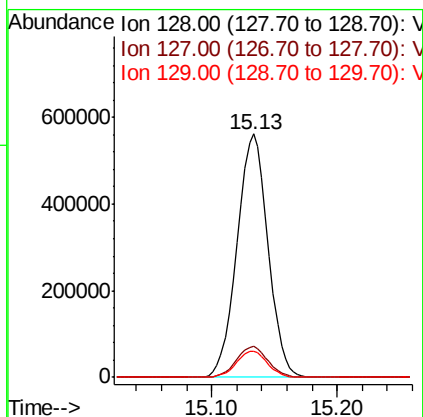
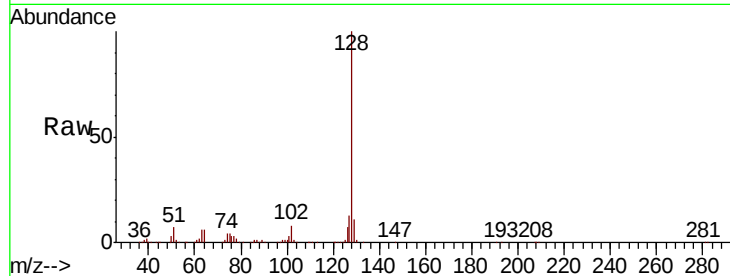




#95
Naphthalene
Concen: 49.560 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN053930.D
Acq: 25 Feb 2019 15:23

Instrument :
MSVOA_N
ClientSampleId :
ICVVN022519

Tgt Ion:128 Resp: 960068
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 10.8 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 51.345 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. 0.00 min
Lab File: VN053930.D
Acq: 25 Feb 2019 15:23

Tgt Ion:180 Resp: 443540
Ion Ratio Lower Upper
180 100
182 96.2 47.3 141.8
145 30.1 14.4 43.0

