

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN022519\
 Data File : VN053926.D
 Acq On : 25 Feb 2019 13:30
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Feb 26 06:13:32 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	7.67	168	681562	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1067192	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	962097	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	461052	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	764696	95.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	191.42%	
35) Dibromofluoromethane	7.59	113	685552	99.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	198.68%	
50) Toluene-d8	10.09	98	2602986	101.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	202.64%	
62) 4-Bromofluorobenzene	12.40	95	893490	104.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	208.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	602483	96.050	ug/l	99
3) Chloromethane	2.06	50	843662	96.966	ug/l	100
4) Vinyl Chloride	2.19	62	838622	96.199	ug/l	99
5) Bromomethane	2.56	94	513324	88.911	ug/l	99
6) Chloroethane	2.70	64	502608	92.704	ug/l	99
7) Trichlorofluoromethane	3.02	101	1037966	93.201	ug/l	100
8) Diethyl Ether	3.41	74	414041	99.231	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.76	101	657310	93.450	ug/l	95
10) Methyl Iodide	3.95	142	1014505	109.767	ug/l	99
11) Tert butyl alcohol	4.78	59	247281	488.233	ug/l	99
12) 1,1-Dichloroethene	3.74	96	650400	96.670	ug/l	94
13) Acrolein	3.60	56	308996	589.259	ug/l	98
14) Allyl chloride	4.32	41	1193816	101.167	ug/l	97
15) Acrylonitrile	4.98	53	1345894	504.192	ug/l	99
16) Acetone	3.81	43	1056271	512.197	ug/l	96
17) Carbon Disulfide	4.05	76	2063125	95.053	ug/l	100
18) Methyl Acetate	4.32	43	531204	95.087	ug/l	95
19) Methyl tert-butyl Ether	5.04	73	1837077	101.785	ug/l	98
20) Methylene Chloride	4.55	84	739461	93.516	ug/l	92
21) trans-1,2-Dichloroethene	5.04	96	703483	96.606	ug/l	94
22) Diisopropyl ether	5.95	45	2362220	103.763	ug/l	97
23) Vinyl Acetate	5.89	43	8730933	533.119	ug/l	96
24) 1,1-Dichloroethane	5.85	63	1339136	95.922	ug/l	99
25) 2-Butanone	6.83	43	1574563	501.926	ug/l	98
26) 2,2-Dichloropropane	6.82	77	979318	98.736	ug/l	99
27) cis-1,2-Dichloroethene	6.83	96	799919	98.774	ug/l	95
28) Bromochloromethane	7.19	49	618609	96.806	ug/l	84
29) Tetrahydrofuran	7.21	42	1045889	500.650	ug/l	92
30) Chloroform	7.37	83	1307004	96.550	ug/l	98
31) Cyclohexane	7.65	56	1269982	99.811	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	1094799	98.085	ug/l	98
36) 1,1-Dichloropropene	7.79	75	1033299	104.116	ug/l	97
37) Ethyl Acetate	6.93	43	696132	98.235	ug/l	97
38) Carbon Tetrachloride	7.77	117	969121	93.891	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	1235478	103.284	ug/l	96
40) Benzene	8.04	78	3068911	100.658	ug/l	100
41) Methacrylonitrile	7.17	41	382259	83.772	ug/l #	100
42) 1,2-Dichloroethane	8.12	62	947891	100.422	ug/l	97
43) Isopropyl Acetate	8.16	43	1228339	102.661	ug/l	96
44) Trichloroethene	8.83	130	807090	99.852	ug/l	96
45) 1,2-Dichloropropane	9.12	63	821402	99.859	ug/l	98
46) Dibromomethane	9.21	93	472579	98.960	ug/l	94
47) Bromodichloromethane	9.40	83	1017254	101.080	ug/l	99
48) Methyl methacrylate	9.20	41	606285	110.163	ug/l	94
49) 1,4-Dioxane	9.20	88	152705	2048.593	ug/l	94
51) 4-Methyl-2-Pentanone	9.98	43	3335375	542.479	ug/l	96
52) Toluene	10.16	92	1850848	103.096	ug/l	98
53) t-1,3-Dichloropropene	10.38	75	1082371	110.535	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	1231751	106.703	ug/l	95
55) 1,1,2-Trichloroethane	10.56	97	672375	100.286	ug/l	99
56) Ethyl methacrylate	10.43	69	895760	99.865	ug/l	92
57) 1,3-Dichloropropane	10.71	76	1160095	102.407	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.69	63	2053982	488.121	ug/l	96
59) 2-Hexanone	10.75	43	2195831	549.121	ug/l	95
60) Dibromochloromethane	10.90	129	769958	103.333	ug/l	100
61) 1,2-Dibromoethane	11.00	107	663605	102.604	ug/l	100
64) Tetrachloroethene	10.63	164	761918	93.523	ug/l	98
65) Chlorobenzene	11.43	112	2006930	98.840	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	733796	100.274	ug/l	100
67) Ethyl Benzene	11.51	91	3505960	102.997	ug/l	99
68) m/p-Xylenes	11.62	106	2667083	207.599	ug/l	97
69) o-Xylene	11.95	106	1286628	101.924	ug/l	98
70) Styrene	11.96	104	2118674	109.119	ug/l	99
71) Bromoform	12.13	173	537361	105.552	ug/l #	100
73) Isopropylbenzene	12.25	105	3367016	93.815	ug/l	99
74) N-amyl acetate	12.07	43	997140	106.005	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.50	83	829958	92.476	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	1046501	141.494	ug/l #	100
77) Bromobenzene	12.53	156	866272	95.068	ug/l	91
78) n-propylbenzene	12.59	91	3973921	97.362	ug/l	98
79) 2-Chlorotoluene	12.68	91	2324522	94.804	ug/l	97
80) 1,3,5-Trimethylbenzene	12.73	105	2842500	96.744	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	244785	104.606	ug/l	96
82) 4-Chlorotoluene	12.77	91	2367361	97.691	ug/l	97
83) tert-Butylbenzene	12.99	119	2494063	95.976	ug/l	98
84) 1,2,4-Trimethylbenzene	13.04	105	2914740	99.367	ug/l	99
85) sec-Butylbenzene	13.17	105	3389679	95.503	ug/l	99
86) p-Isopropyltoluene	13.29	119	2958672	98.606	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	1542939	97.883	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	1515092	99.071	ug/l	99
89) n-Butylbenzene	13.62	91	2649748	104.787	ug/l	99
90) Hexachloroethane	13.88	117	548245	94.291	ug/l	94
91) 1,2-Dichlorobenzene	13.65	146	1482651	97.166	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	123411	97.305	ug/l	91

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ClientSampleId :
VSTDICC100

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Quant Title : SW846 8260
QLast Update : Tue Feb 26 05:37:40 2019
Response via : Initial Calibration

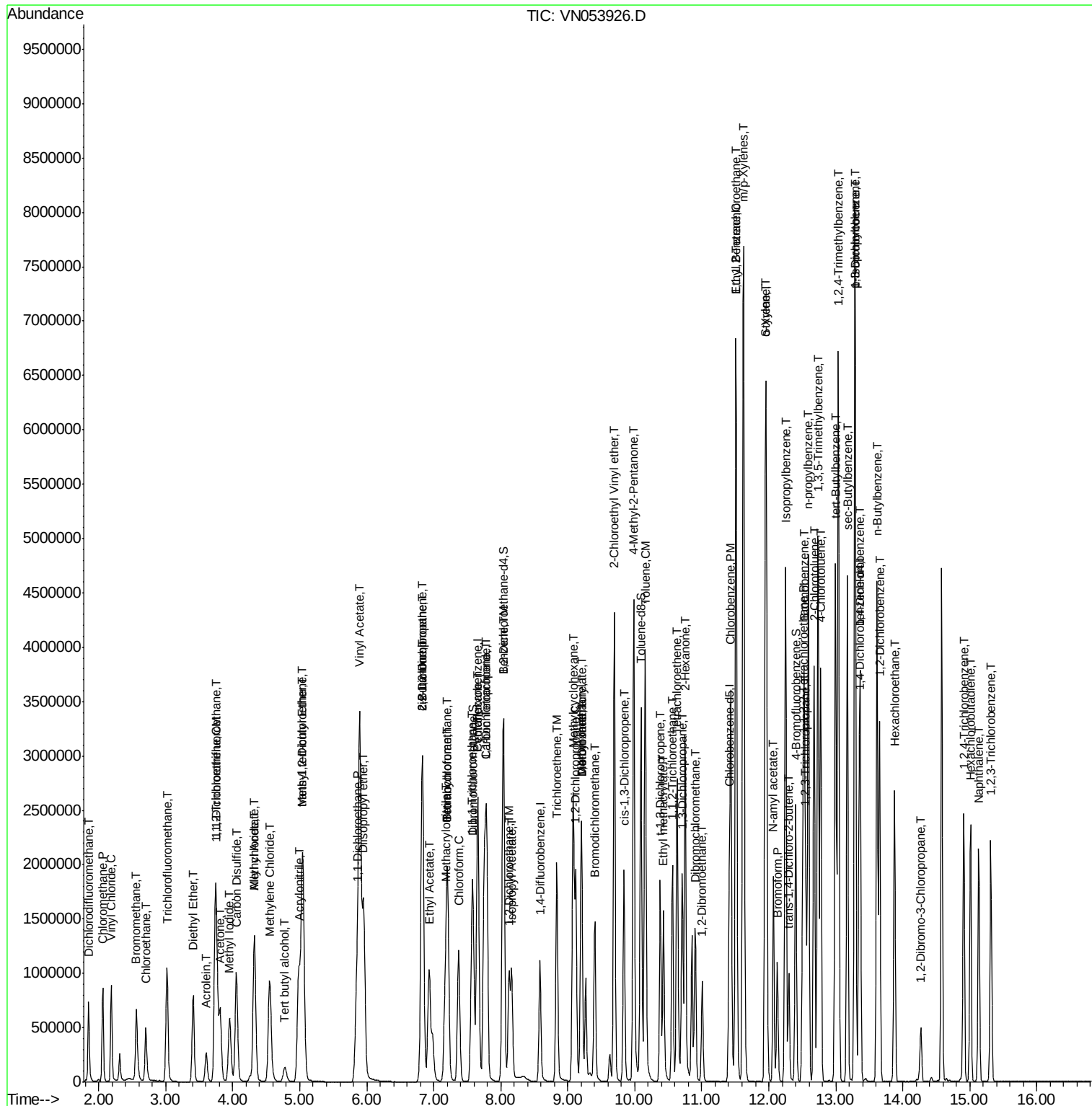
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	862057	99.426	ug/l	98
94) Hexachlorobutadiene	15.01	225	502581	91.181	ug/l	99
95) Naphthalene	15.13	128	1856892	98.396	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	818046	99.060	ug/l	99

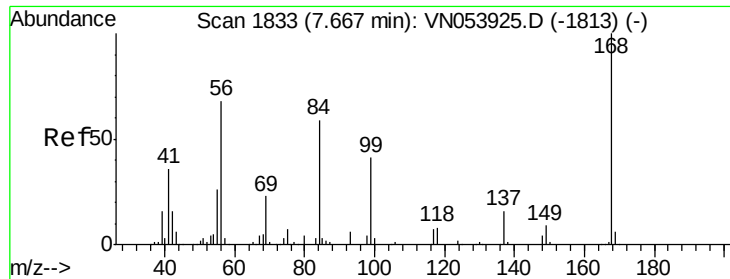
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN022519\
Data File : VN053926.D
Acq On : 25 Feb 2019 13:30
Operator : JC/SP
Sample : VSTDIC100
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Quant Time: Feb 26 06:13:32 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N022519W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 26 05:37:40 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053926.D

Acq: 25 Feb 2019 13:30

Instrument :

MSVOA_N

ClientSampleId :

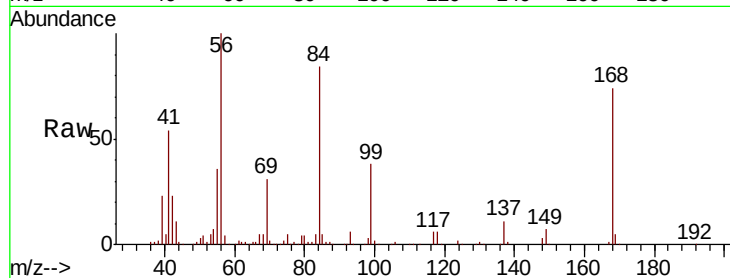
VSTDIC100

Tgt Ion:168 Resp: 681562

Ion Ratio Lower Upper

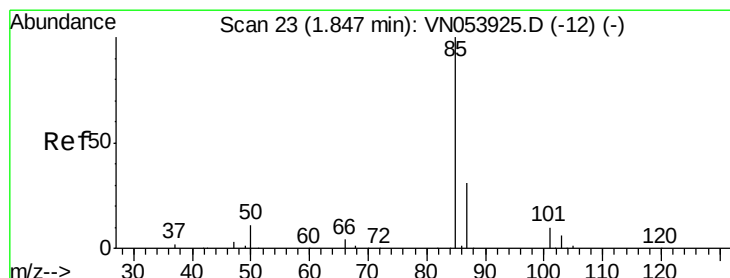
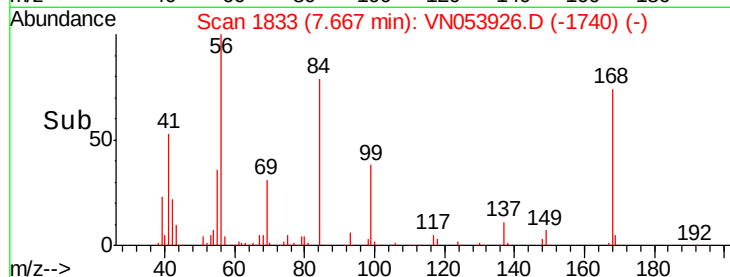
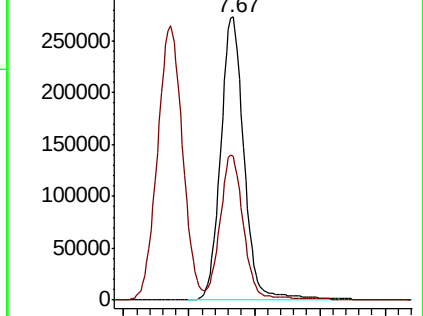
168 100

99 50.5 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 96.050 ug/l

RT: 1.85 min Scan# 23

Delta R.T. 0.00 min

Lab File: VN053926.D

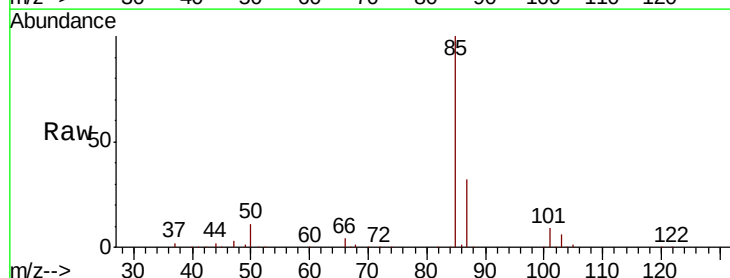
Acq: 25 Feb 2019 13:30

Tgt Ion: 85 Resp: 602483

Ion Ratio Lower Upper

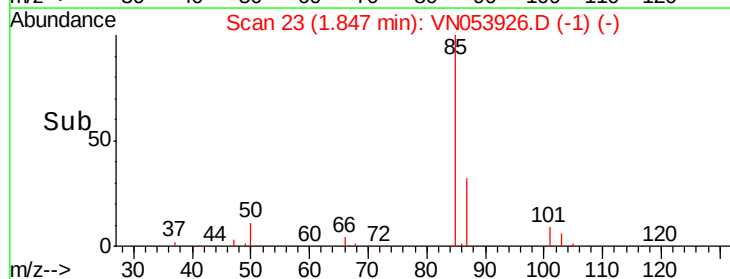
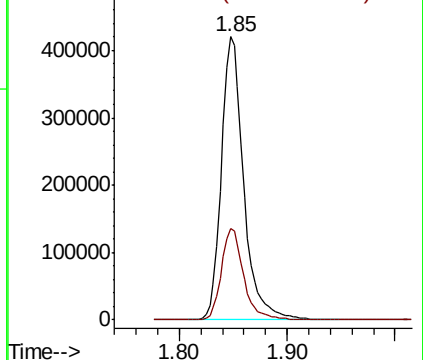
85 100

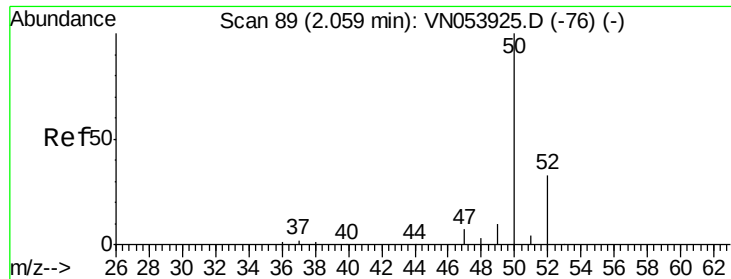
87 32.1 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 96.966 ug/l

RT: 2.06 min Scan# 89

Delta R.T. 0.00 min

Lab File: VN053926.D

Acq: 25 Feb 2019 13:30

Instrument :

MSVOA_N

ClientSampleId :

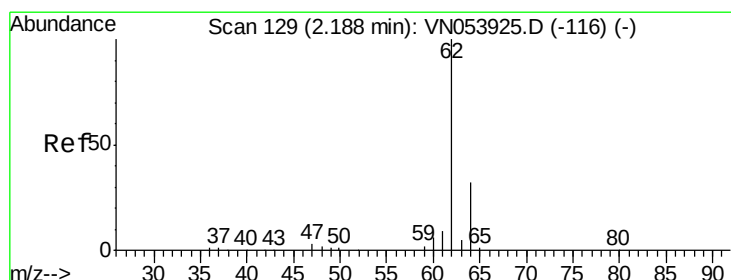
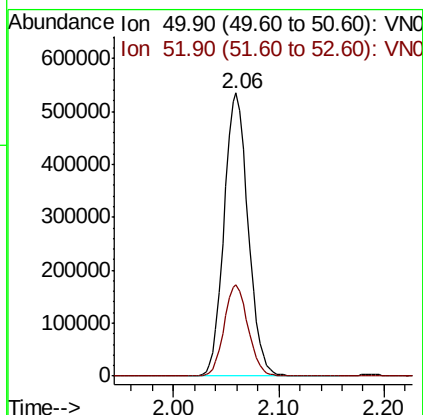
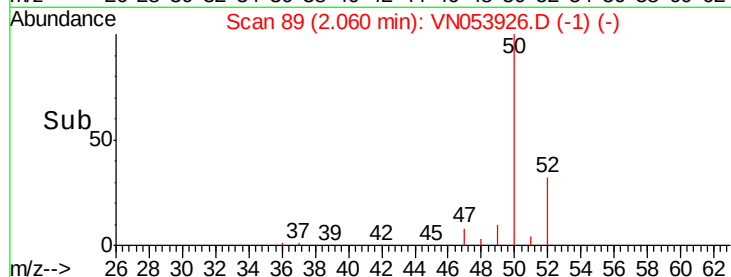
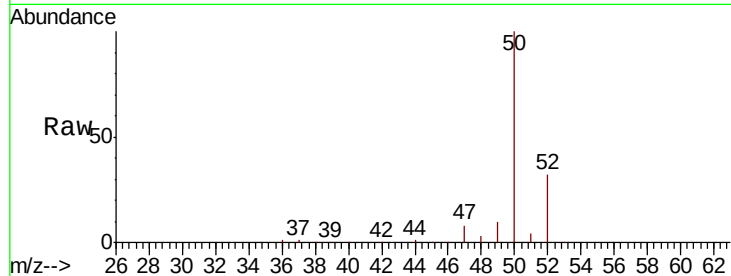
VSTDIC100

Tgt Ion: 50 Resp: 843662

Ion Ratio Lower Upper

50 100

52 32.4 26.0 39.0



#4

Vinyl Chloride

Concen: 96.199 ug/l

RT: 2.19 min Scan# 129

Delta R.T. 0.00 min

Lab File: VN053926.D

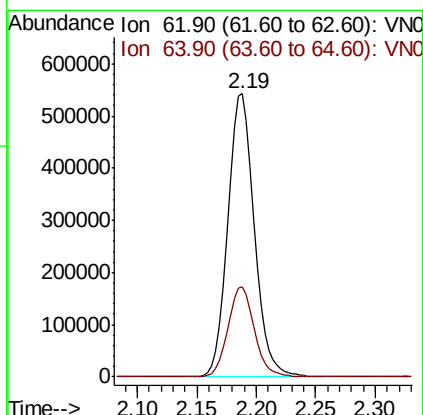
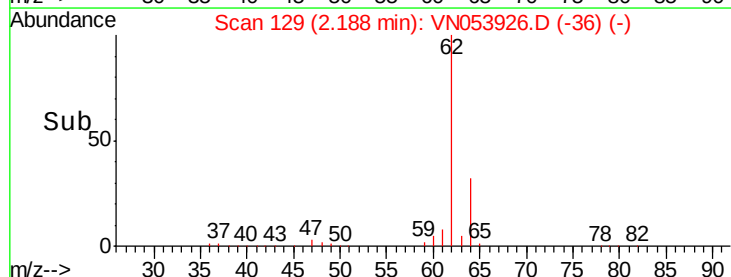
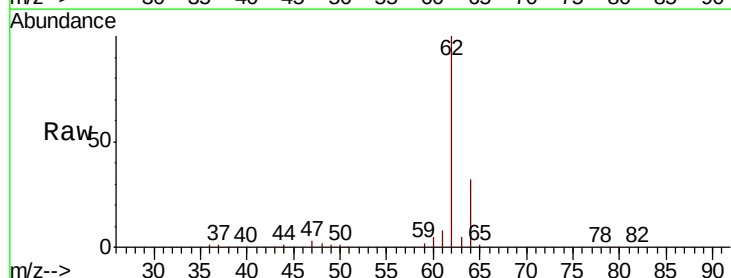
Acq: 25 Feb 2019 13:30

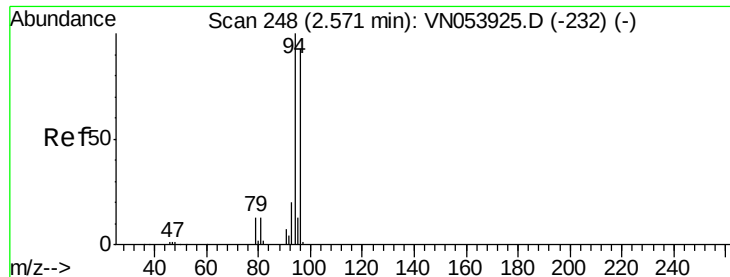
Tgt Ion: 62 Resp: 838622

Ion Ratio Lower Upper

62 100

64 31.7 25.1 37.7





#5

Bromomethane

Concen: 88.911 ug/l

RT: 2.56 min Scan# 245

Delta R.T. -0.01 min

Lab File: VN053926.D

Acq: 25 Feb 2019 13:30

Instrument :

MSVOA_N

ClientSampled :

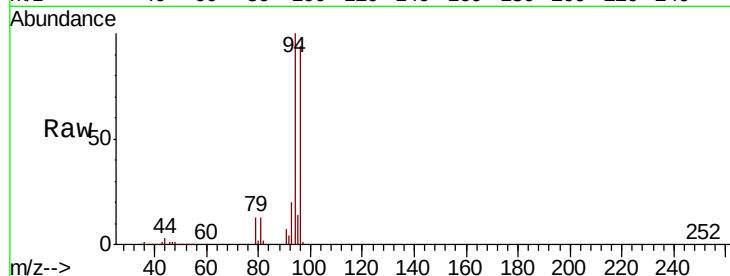
VSTDIC100

Tgt Ion: 94 Resp: 513324

Ion Ratio Lower Upper

94 100

96 94.4 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VN053925.D (-232) (-)

Ion 95.90 (95.60 to 96.60): VN053925.D (-232) (-)

2.56

250000

200000

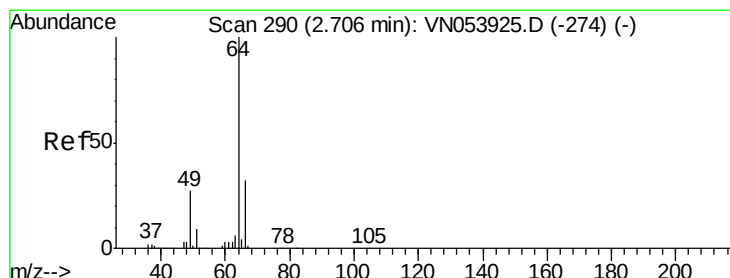
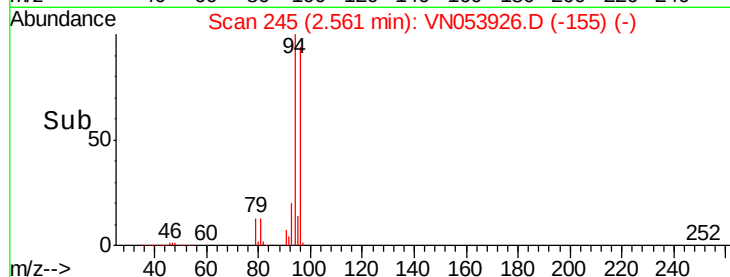
150000

100000

50000

0

Time-->



#6

Chloroethane

Concen: 92.704 ug/l

RT: 2.70 min Scan# 289

Delta R.T. -0.00 min

Lab File: VN053926.D

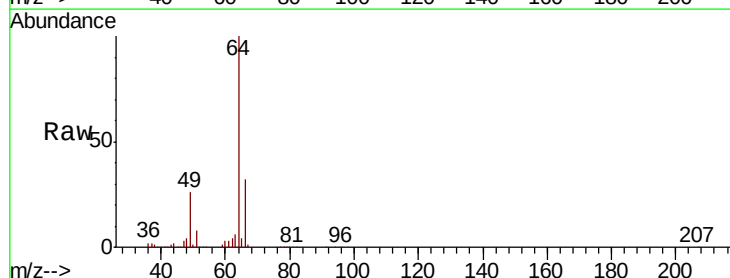
Acq: 25 Feb 2019 13:30

Tgt Ion: 64 Resp: 502608

Ion Ratio Lower Upper

64 100

66 32.3 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VN053925.D (-274) (-)

Ion 65.90 (65.60 to 66.60): VN053925.D (-274) (-)

2.70

250000

200000

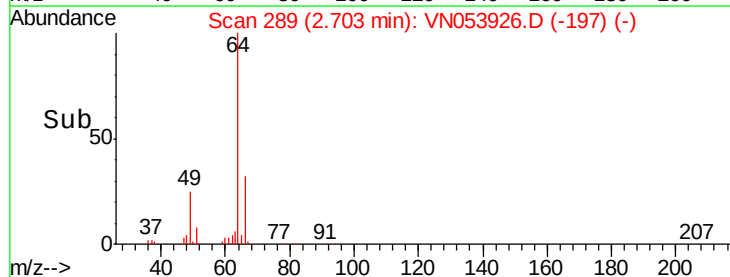
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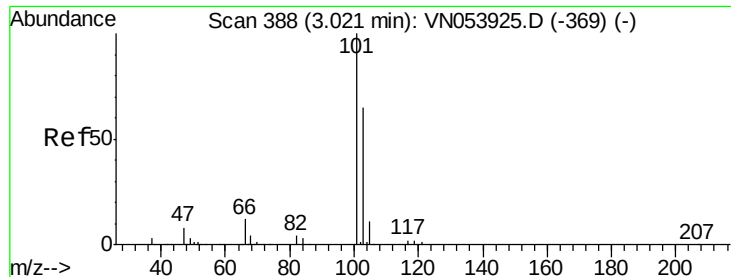
100000

50000

0

Time-->



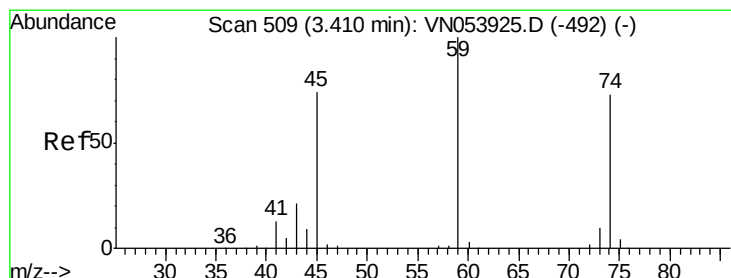
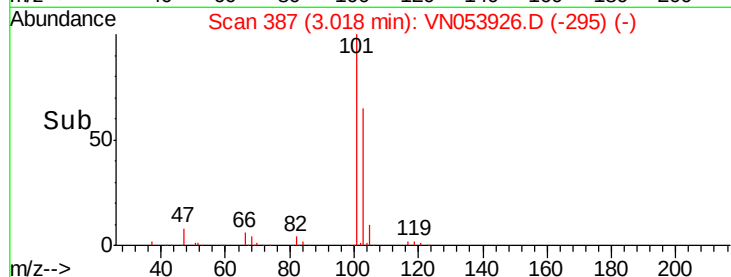
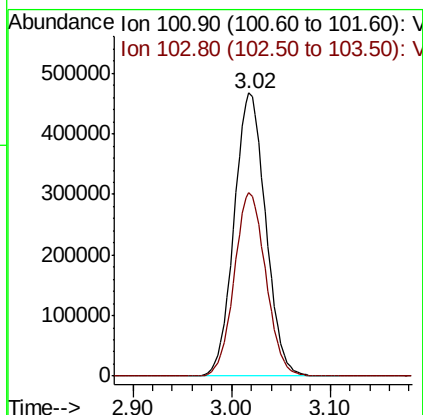
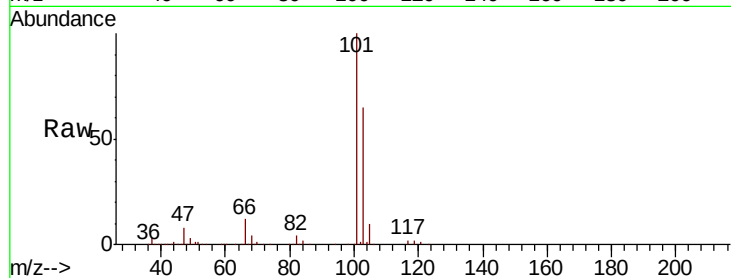


#7

Trichlorofluoromethane
Concen: 93.201 ug/l
RT: 3.02 min Scan# 387
Delta R.T. -0.00 min
Lab File: VN053926.D
Acq: 25 Feb 2019 13:30

Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

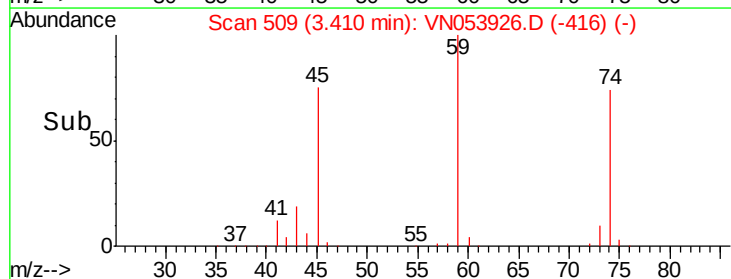
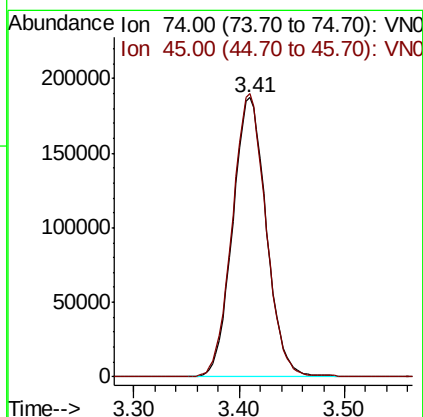
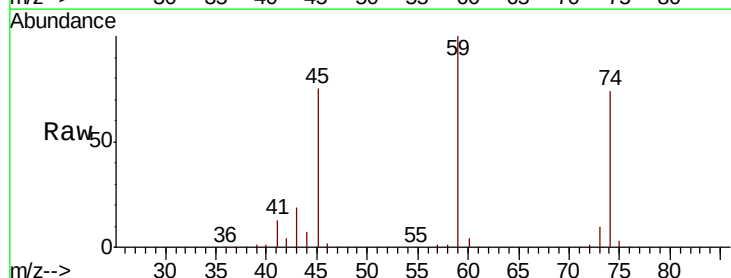
Tgt Ion:101 Resp: 1037966
Ion Ratio Lower Upper
101 100
103 64.9 51.9 77.9

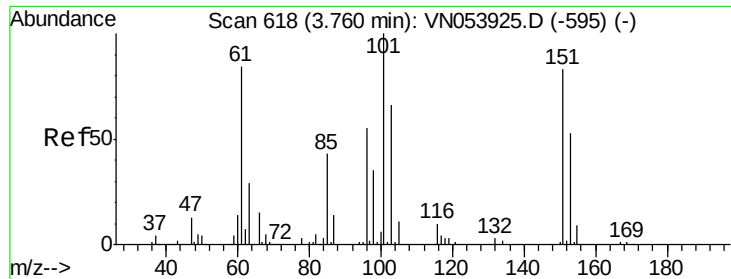


#8

Diethyl Ether
Concen: 99.231 ug/l
RT: 3.41 min Scan# 509
Delta R.T. 0.00 min
Lab File: VN053926.D
Acq: 25 Feb 2019 13:30

Tgt Ion: 74 Resp: 414041
Ion Ratio Lower Upper
74 100
45 101.0 46.9 140.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 93.450 ug/l

RT: 3.76 min Scan# 618

Delta R.T. 0.00 min

Lab File: VN053926.D

Acq: 25 Feb 2019 13:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

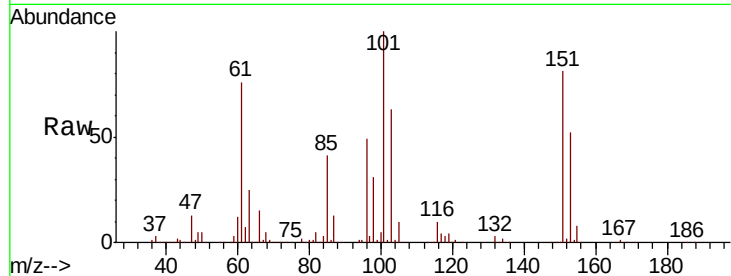
Tgt Ion:101 Resp: 657310

Ion Ratio Lower Upper

101 100

85 41.8 32.5 48.7

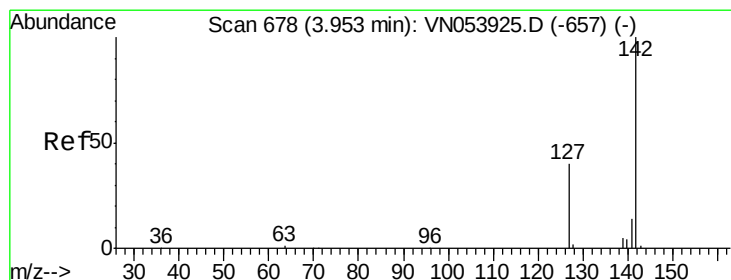
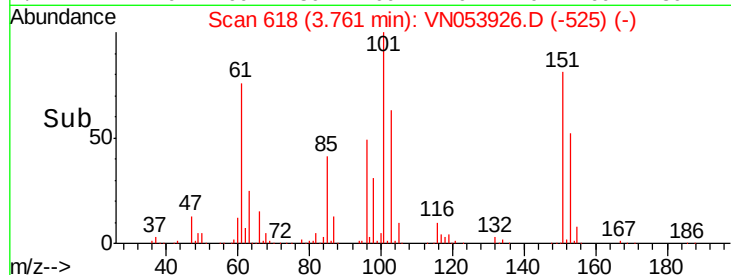
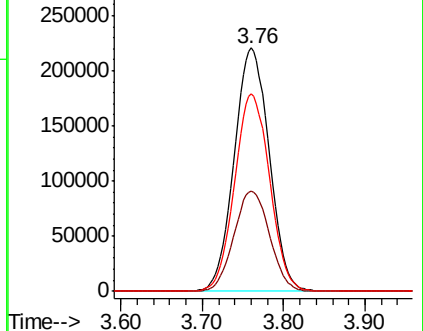
151 81.4 70.2 105.2



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: 109.767 ug/l

RT: 3.95 min Scan# 678

Delta R.T. 0.00 min

Lab File: VN053926.D

Acq: 25 Feb 2019 13:30

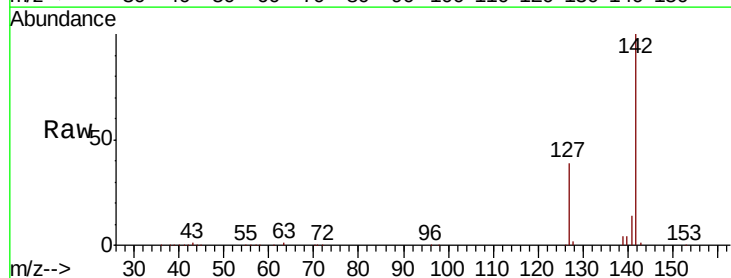
Tgt Ion:142 Resp: 1014505

Ion Ratio Lower Upper

142 100

127 39.6 31.0 46.4

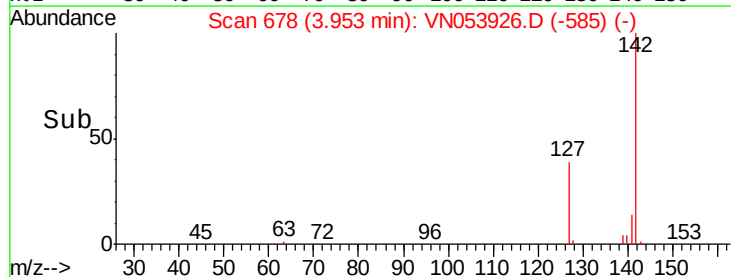
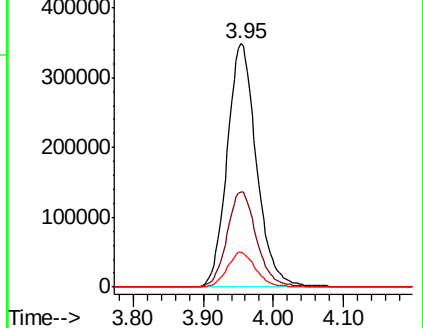
141 14.1 11.3 16.9

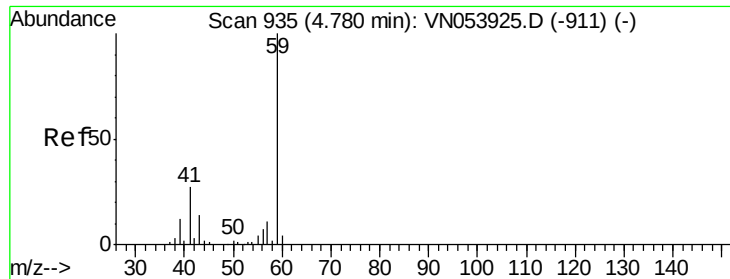


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

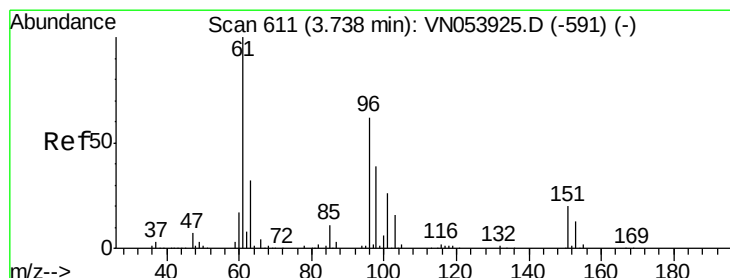
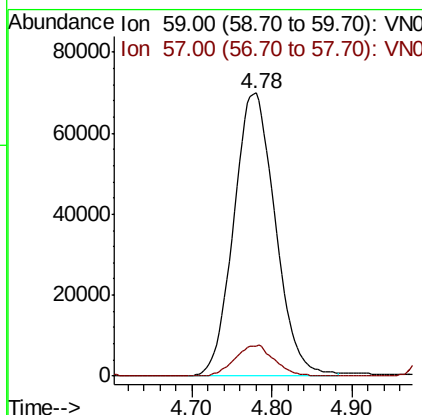
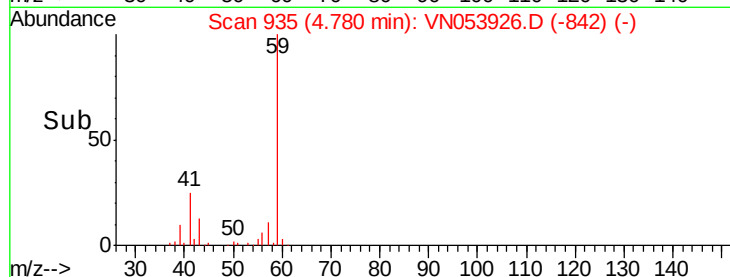
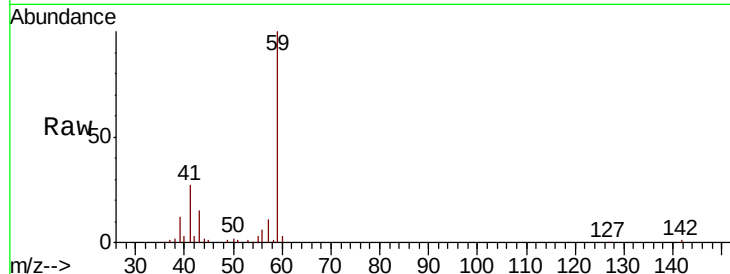




#11
Tert butyl alcohol
Concen: 488.233 ug/l
RT: 4.78 min Scan# 935
Delta R.T. 0.00 min
Lab File: VN053926.D
Acq: 25 Feb 2019 13:30

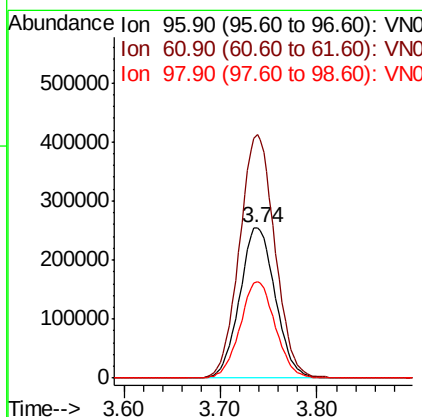
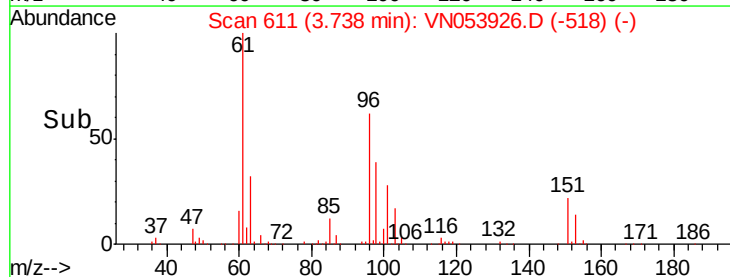
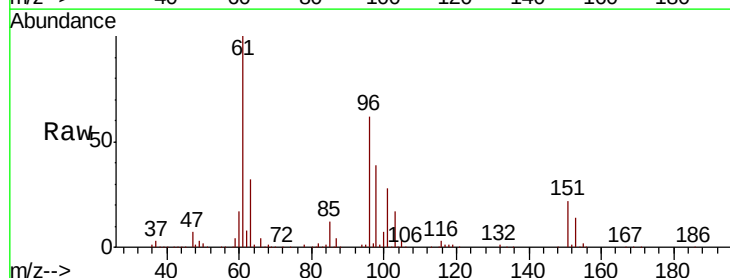
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

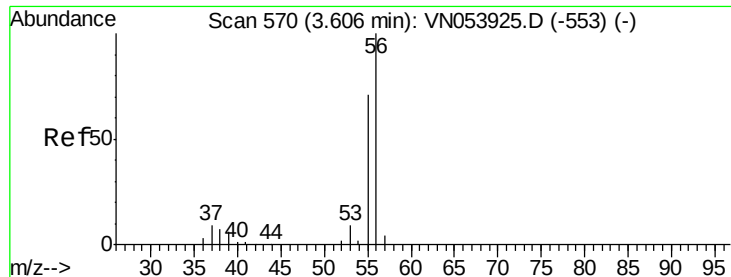
Tgt Ion: 59 Resp: 247281
Ion Ratio Lower Upper
59 100
57 10.3 8.1 12.1



#12
1,1-Dichloroethene
Concen: 96.670 ug/l
RT: 3.74 min Scan# 611
Delta R.T. 0.00 min
Lab File: VN053926.D
Acq: 25 Feb 2019 13:30

Tgt Ion: 96 Resp: 650400
Ion Ratio Lower Upper
96 100
61 161.5 121.0 181.4
98 63.7 52.2 78.2





#13

Acrolein

Concen: 589.259 ug/l

RT: 3.60 min Scan# 569

Delta R.T. -0.00 min

Lab File: VN053926.D

Acq: 25 Feb 2019 13:30

Instrument :

MSVOA_N

ClientSampleId :

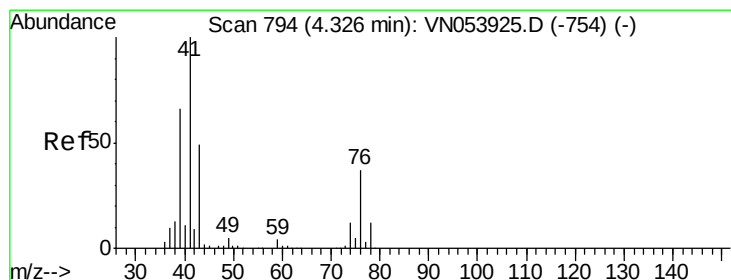
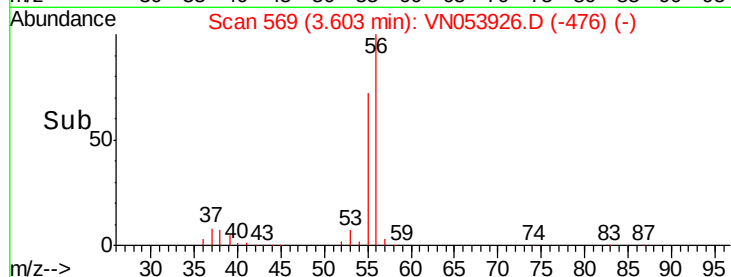
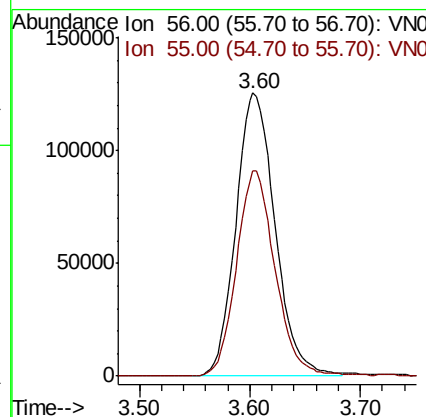
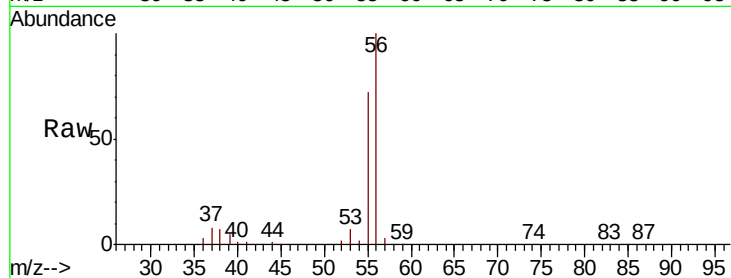
VSTDIC100

Tgt Ion: 56 Resp: 308996

Ion Ratio Lower Upper

56 100

55 71.6 56.3 84.5



#14

Allyl chloride

Concen: 101.167 ug/l

RT: 4.32 min Scan# 793

Delta R.T. -0.00 min

Lab File: VN053926.D

Acq: 25 Feb 2019 13:30

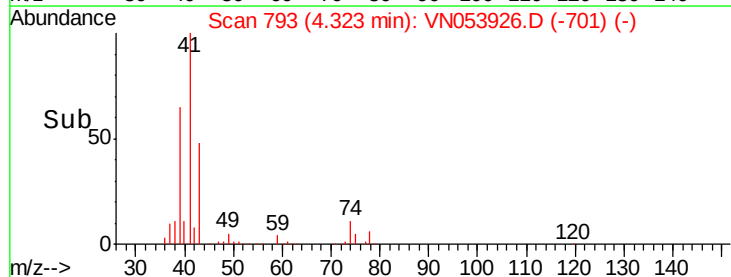
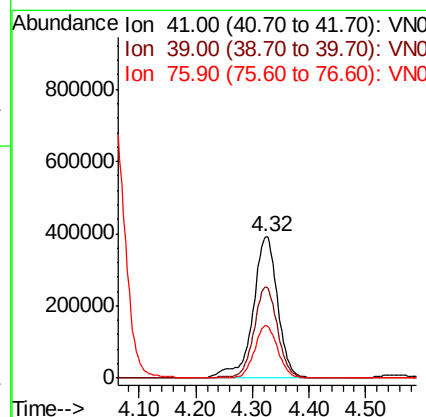
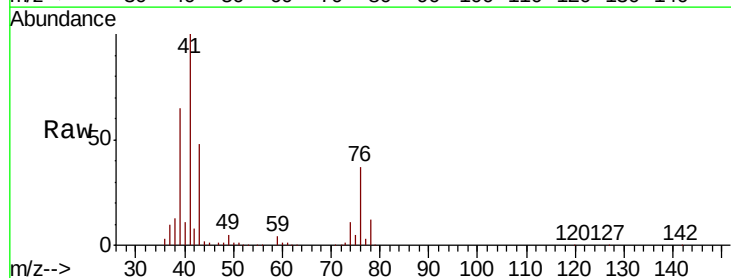
Tgt Ion: 41 Resp: 1193816

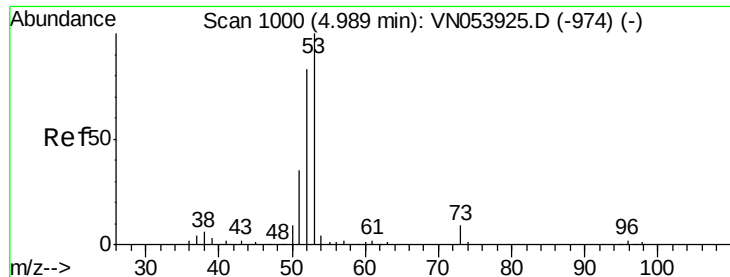
Ion Ratio Lower Upper

41 100

39 61.6 48.8 73.2

76 34.2 30.9 46.3





#15

Acrylonitrile

Concen: 504.192 ug/l

RT: 4.98 min Scan# 998

Delta R.T. -0.01 min

Lab File: VN053926.D

Acq: 25 Feb 2019 13:30

Instrument :

MSVOA_N

ClientSampled :

VSTDIC100

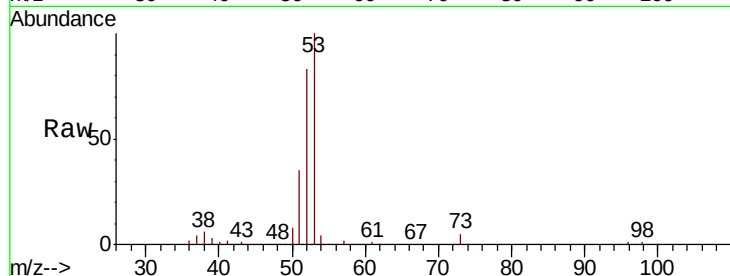
Tgt Ion: 53 Resp: 1345894

Ion Ratio Lower Upper

53 100

52 82.4 65.1 97.7

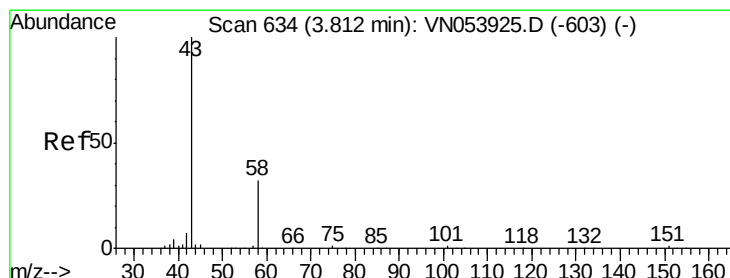
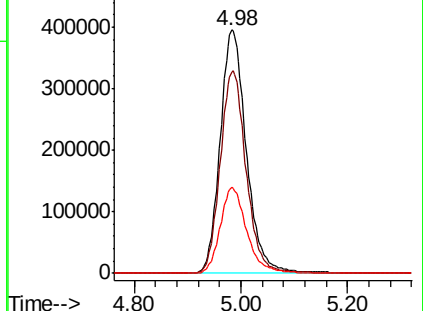
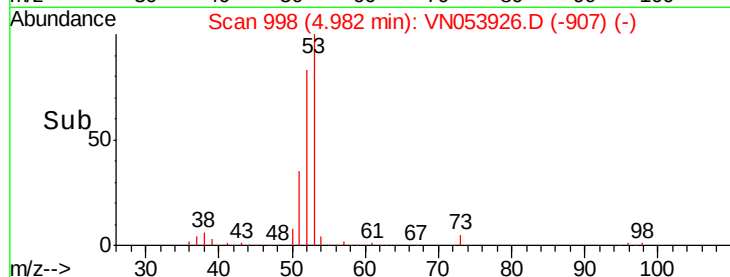
51 35.8 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VN053926.D (-907) (-)

Ion 52.00 (51.70 to 52.70): VN053926.D (-907) (-)

Ion 51.00 (50.70 to 51.70): VN053926.D (-907) (-)



#16

Acetone

Concen: 512.197 ug/l

RT: 3.81 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN053926.D

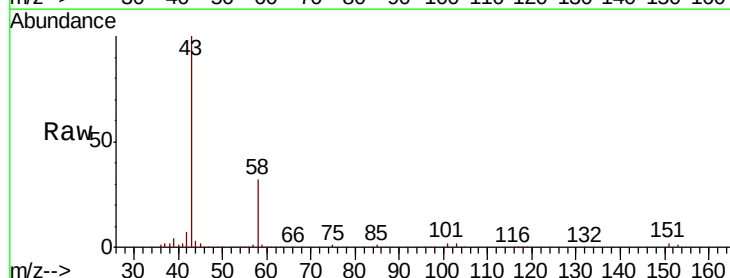
Acq: 25 Feb 2019 13:30

Tgt Ion: 43 Resp: 1056271

Ion Ratio Lower Upper

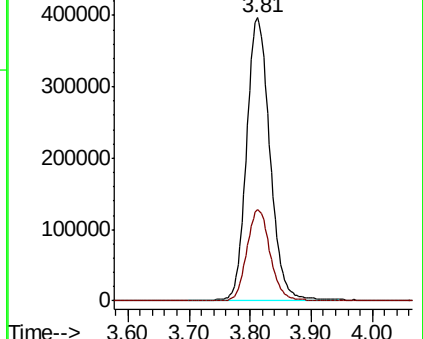
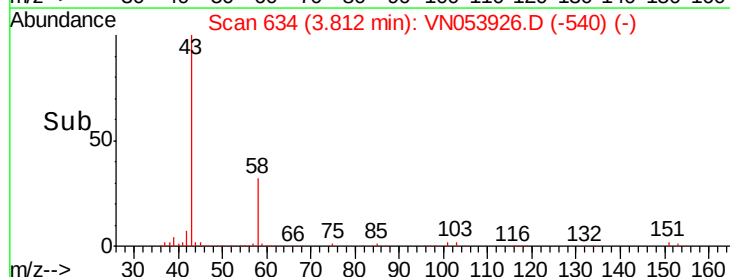
43 100

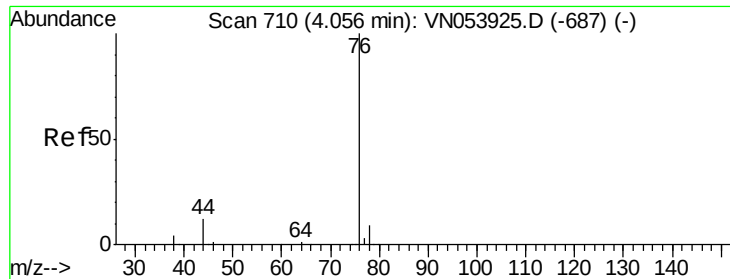
58 32.0 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VN053926.D (-540) (-)

Ion 58.00 (57.70 to 58.70): VN053926.D (-540) (-)





#17

Carbon Disulfide

Concen: 95.053 ug/l

RT: 4.05 min Scan# 709

Delta R.T. -0.00 min

Lab File: VN053926.D

Acq: 25 Feb 2019 13:30

Instrument :

MSVOA_N

ClientSampleId :

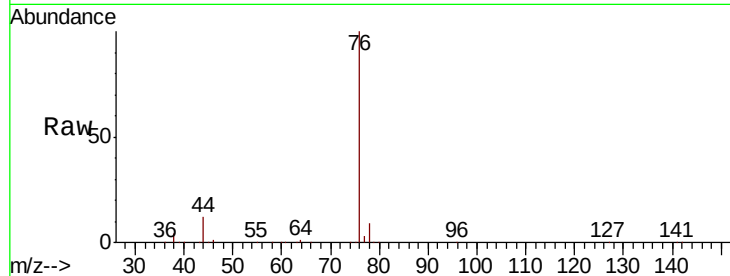
VSTDIC100

Tgt Ion: 76 Resp: 2063125

Ion Ratio Lower Upper

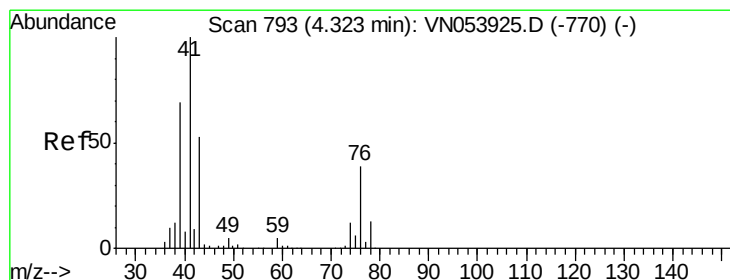
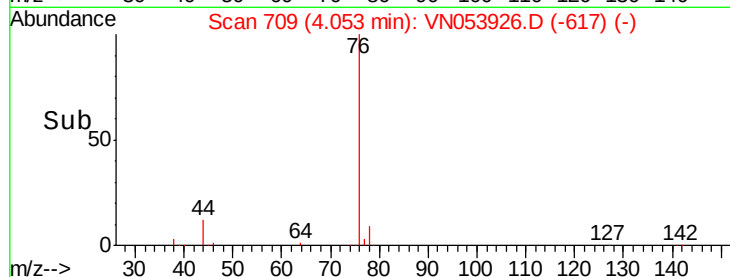
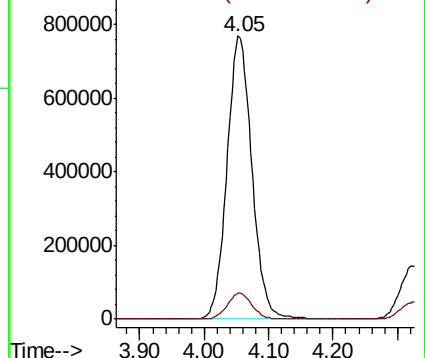
76 100

78 9.3 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 95.087 ug/l

RT: 4.32 min Scan# 793

Delta R.T. 0.00 min

Lab File: VN053926.D

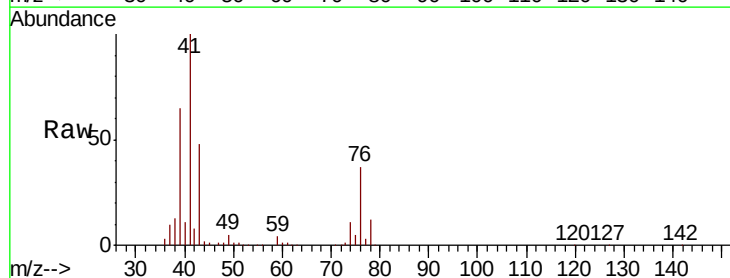
Acq: 25 Feb 2019 13:30

Tgt Ion: 43 Resp: 531204

Ion Ratio Lower Upper

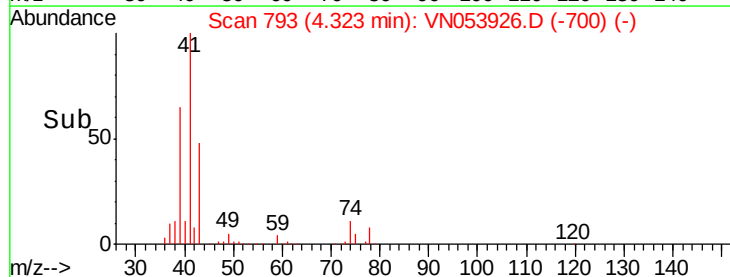
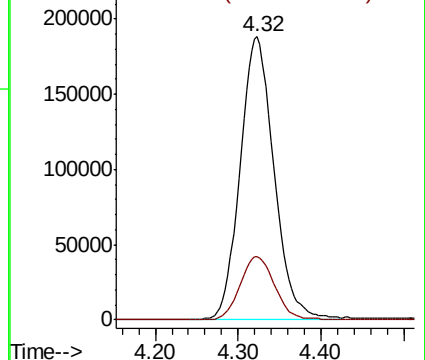
43 100

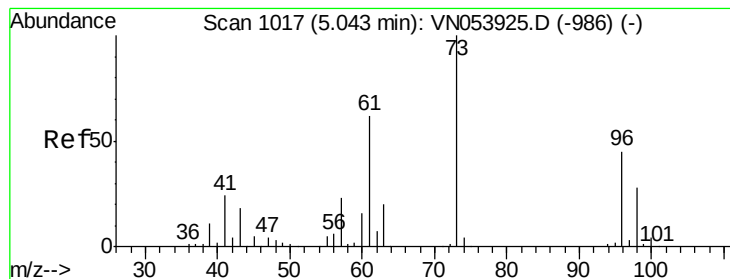
74 22.9 20.5 30.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0



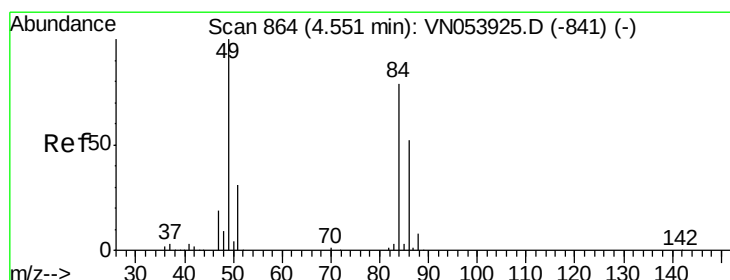
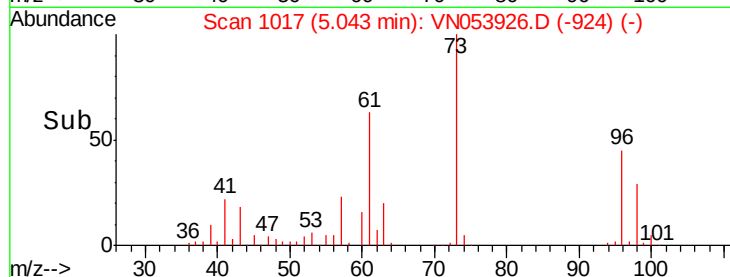
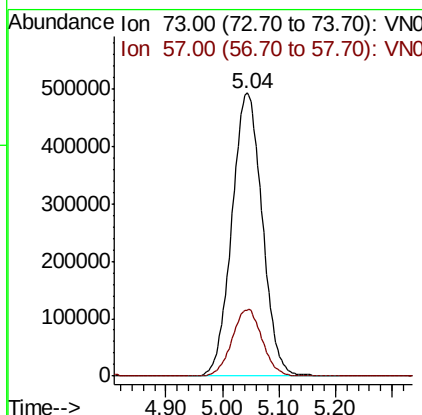
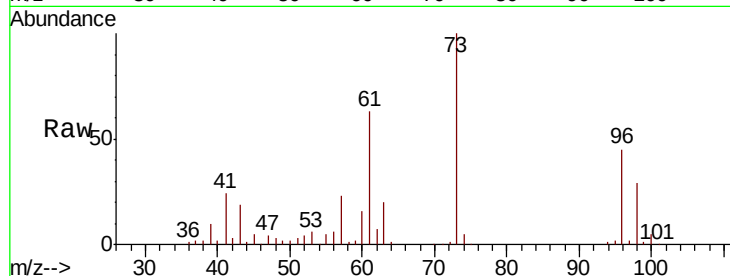


#19

Methyl tert-butyl Ether
 Concen: 101.785 ug/l
 RT: 5.04 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: VN053926.D
 Acq: 25 Feb 2019 13:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

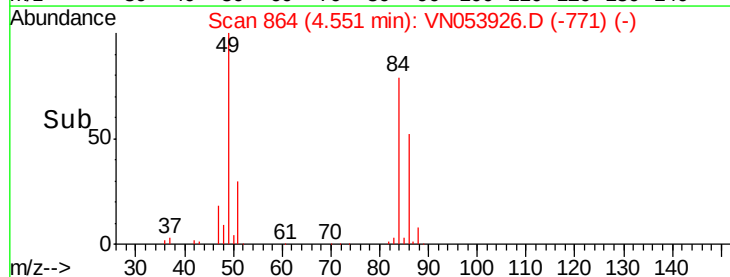
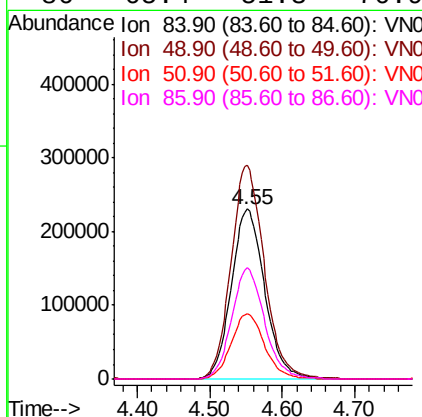
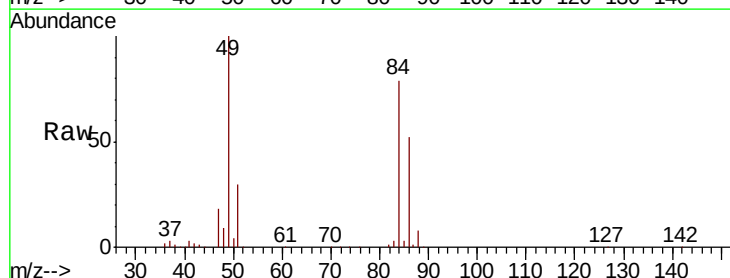
Tgt Ion: 73 Resp: 1837077
 Ion Ratio Lower Upper
 73 100
 57 23.4 18.0 27.0

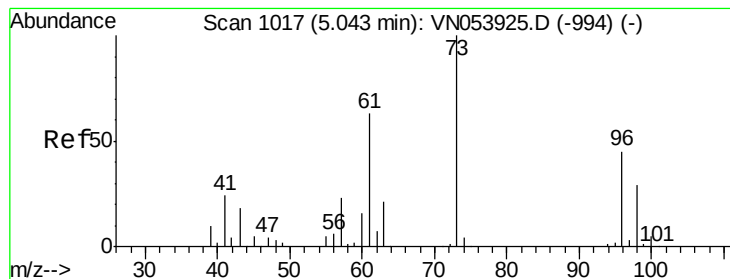


#20

Methylene Chloride
 Concen: 93.516 ug/l
 RT: 4.55 min Scan# 864
 Delta R.T. 0.00 min
 Lab File: VN053926.D
 Acq: 25 Feb 2019 13:30

Tgt Ion: 84 Resp: 739461
 Ion Ratio Lower Upper
 84 100
 49 125.9 89.7 134.5
 51 38.4 27.8 41.8
 86 65.4 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 96.606 ug/l

RT: 5.04 min Scan# 1017

Delta R.T. 0.00 min

Lab File: VN053926.D

Acq: 25 Feb 2019 13:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

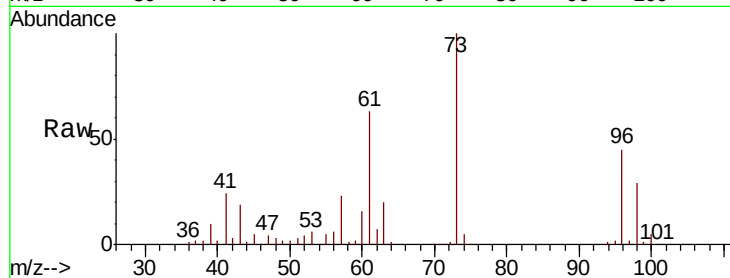
Tgt Ion: 96 Resp: 703483

Ion Ratio Lower Upper

96 100

61 140.4 104.5 156.7

98 63.8 50.6 76.0

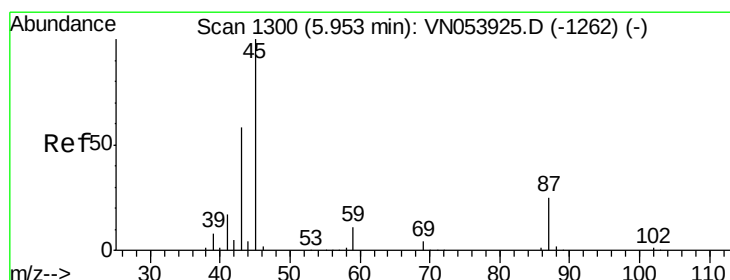
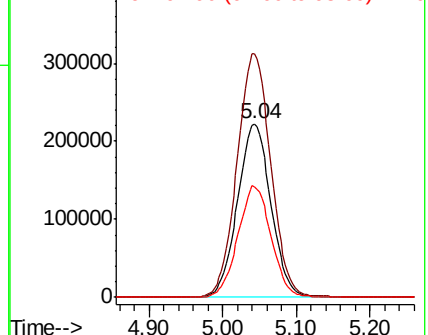
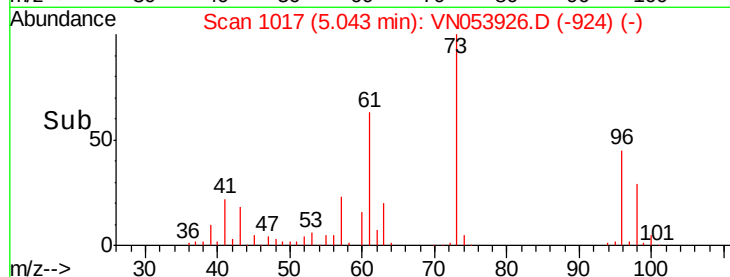


Abundance

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: 103.763 ug/l

RT: 5.95 min Scan# 1299

Delta R.T. -0.00 min

Lab File: VN053926.D

Acq: 25 Feb 2019 13:30

Tgt Ion: 45 Resp: 2362220

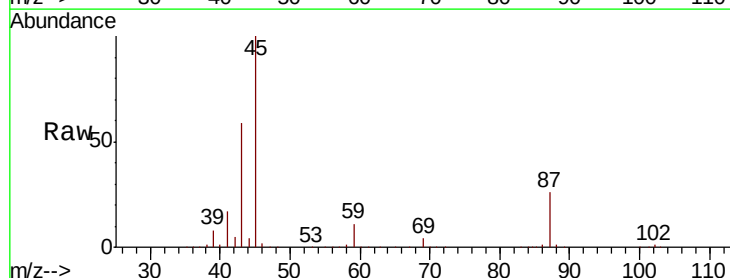
Ion Ratio Lower Upper

45 100

43 58.8 46.2 69.4

87 25.6 23.4 35.0

59 11.3 9.4 14.0



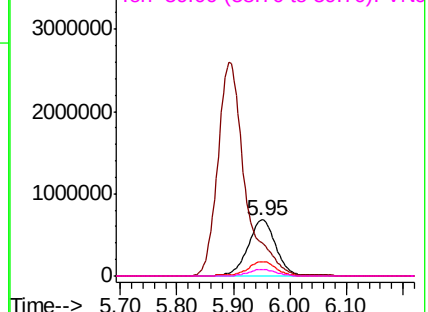
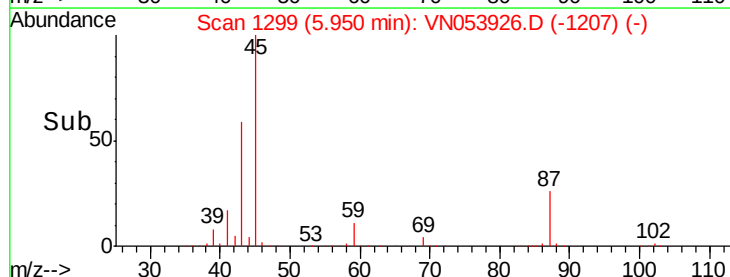
Abundance

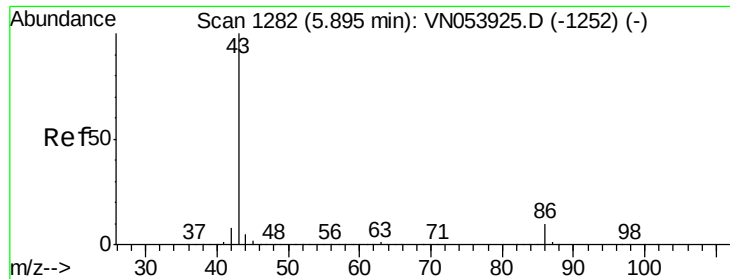
Ion 45.00 (44.70 to 45.70): VN0

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: 533.119 ug/l

RT: 5.89 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VN053926.D

Acq: 25 Feb 2019 13:30

Instrument :

MSVOA_N

ClientSampleId :

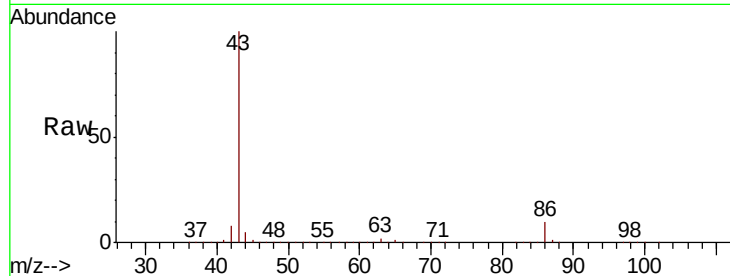
VSTDIC100

Tgt Ion: 43 Resp: 8730933

Ion Ratio Lower Upper

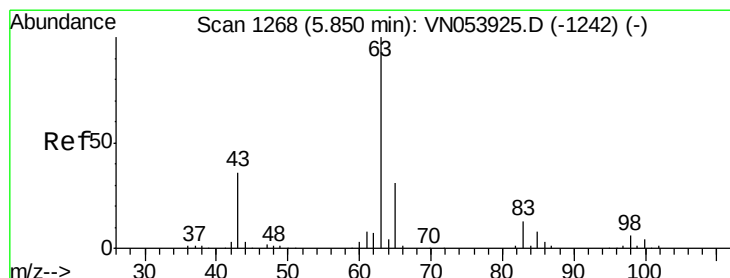
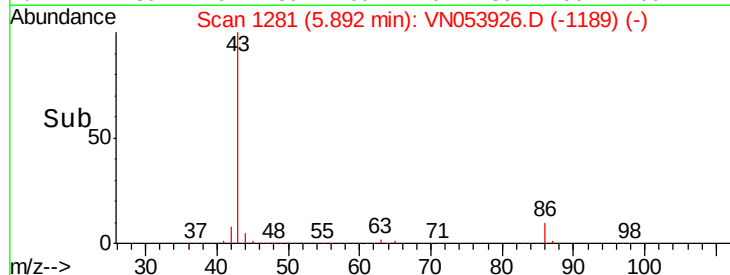
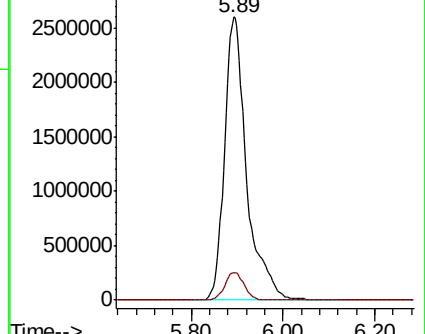
43 100

86 9.7 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VN053926.D (-1189) (-)

Ion 86.00 (85.70 to 86.70): VN053926.D (-1189) (-)



#24

1,1-Dichloroethane

Concen: 95.922 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VN053926.D

Acq: 25 Feb 2019 13:30

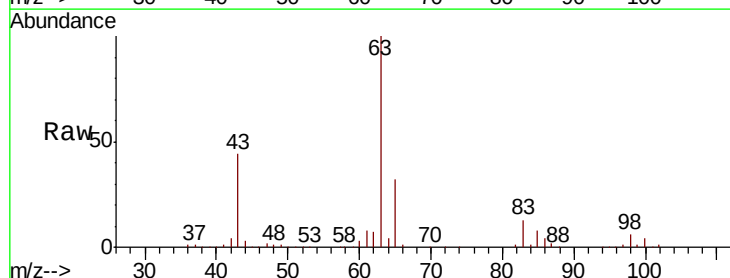
Tgt Ion: 63 Resp: 1339136

Ion Ratio Lower Upper

63 100

98 6.3 3.4 10.2

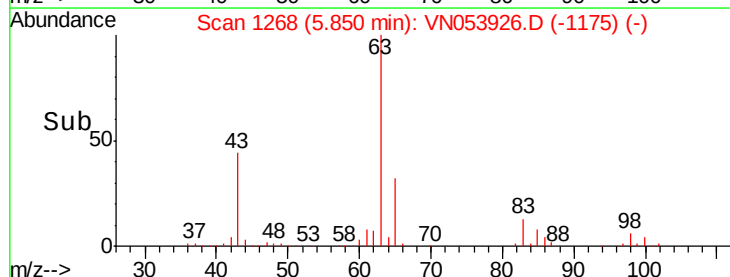
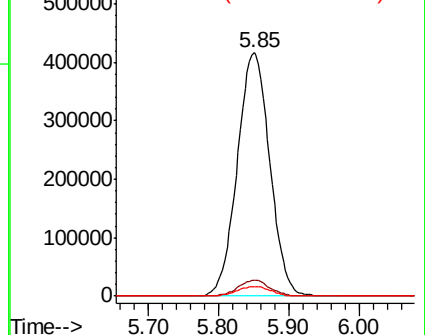
100 3.9 2.2 6.6

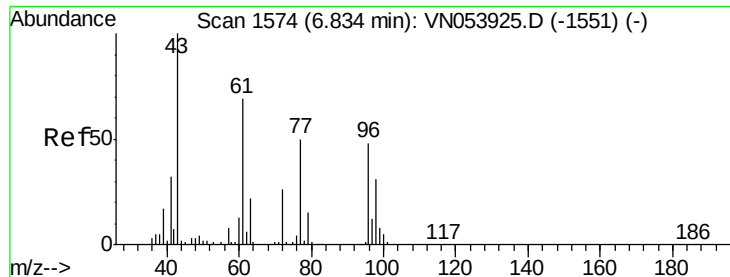


Abundance Ion 62.90 (62.60 to 63.60): VN053926.D (-1175) (-)

Ion 97.90 (97.60 to 98.60): VN053926.D (-1175) (-)

Ion 99.90 (99.60 to 100.60): VN053926.D (-1175) (-)





#25

2-Butanone

Concen: 501.926 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VN053926.D

Acq: 25 Feb 2019 13:30

Instrument :

MSVOA_N

ClientSampleId :

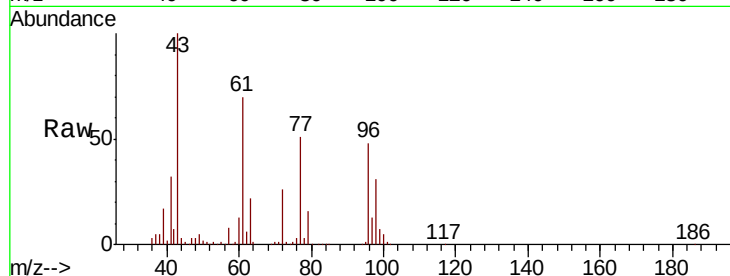
VSTDIC100

Tgt Ion: 43 Resp: 1574563

Ion Ratio Lower Upper

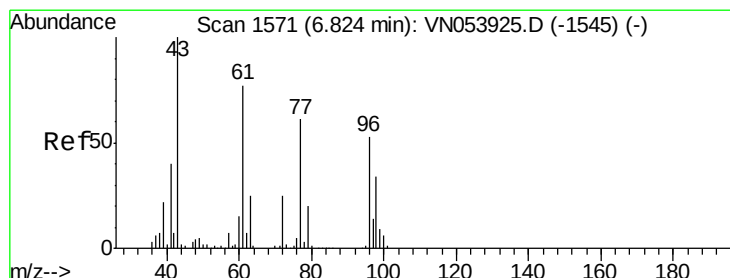
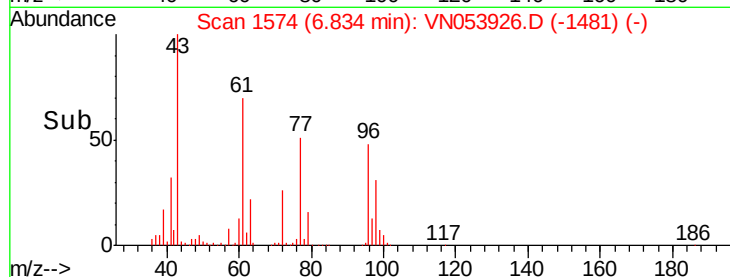
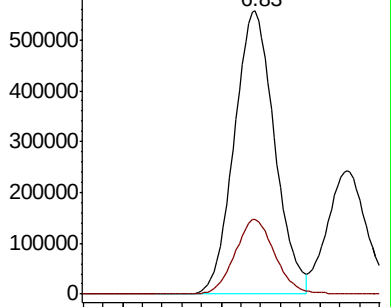
43 100

72 26.4 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VN053925.D (-1551) (-)

Ion 72.00 (71.70 to 72.70): VN053925.D (-1551) (-)



#26

2,2-Dichloropropane

Concen: 98.736 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. 0.00 min

Lab File: VN053926.D

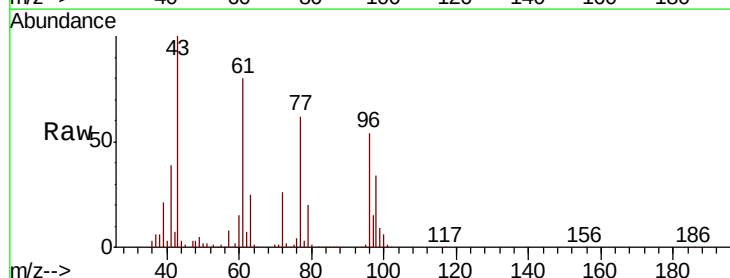
Acq: 25 Feb 2019 13:30

Tgt Ion: 77 Resp: 979318

Ion Ratio Lower Upper

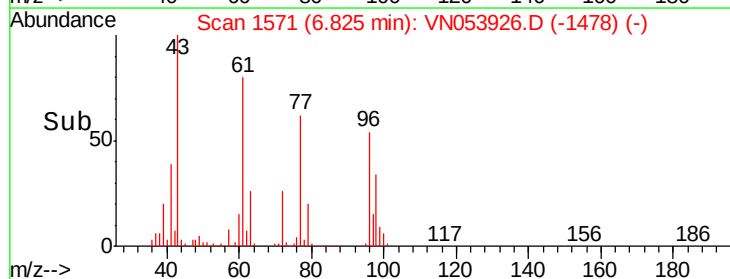
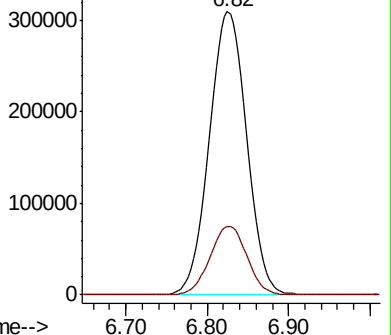
77 100

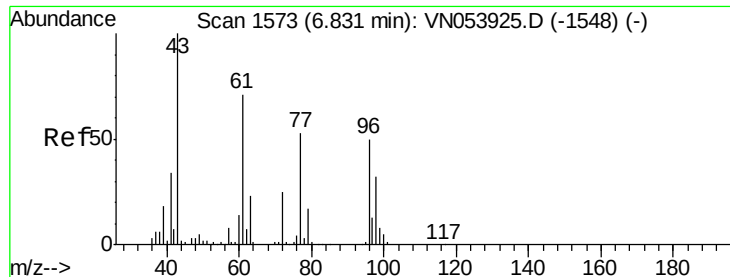
97 24.0 12.3 36.9



Abundance Ion 76.90 (76.60 to 77.60): VN053925.D (-1545) (-)

Ion 96.90 (96.60 to 97.60): VN053925.D (-1545) (-)





#27

cis-1,2-Dichloroethene

Concen: 98.774 ug/l

RT: 6.83 min Scan# 1573

Delta R.T. 0.00 min

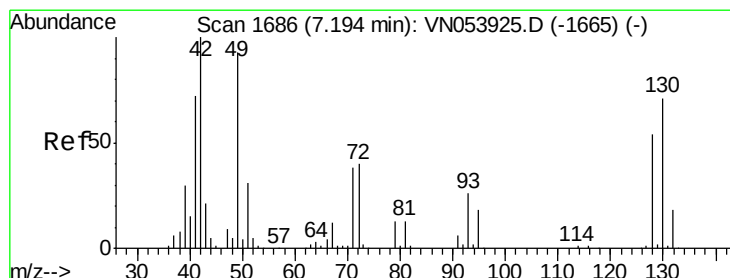
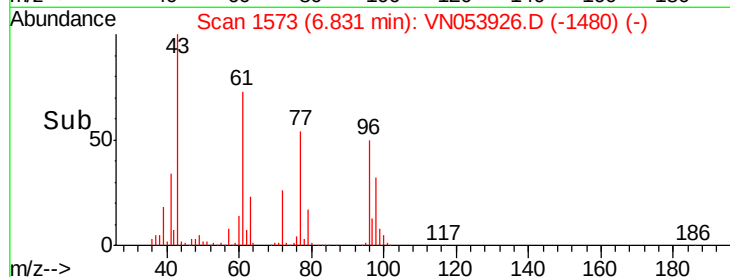
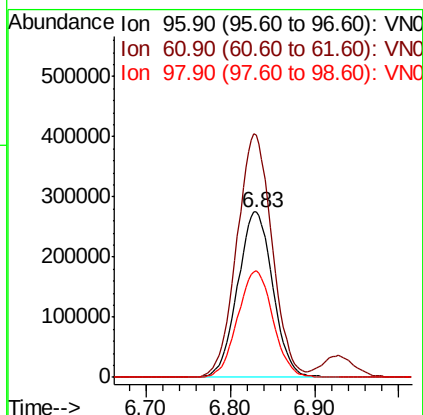
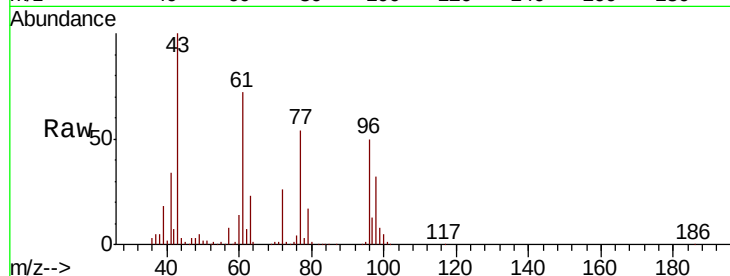
Lab File: VN053926.D

Acq: 25 Feb 2019 13:30

Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

Tgt Ion: 96 Resp: 799919

Ion	Ratio	Lower	Upper
96	100		
61	146.8	0.0	275.6
98	64.6	0.0	130.0



#28

Bromochloromethane

Concen: 96.806 ug/l

RT: 7.19 min Scan# 1686

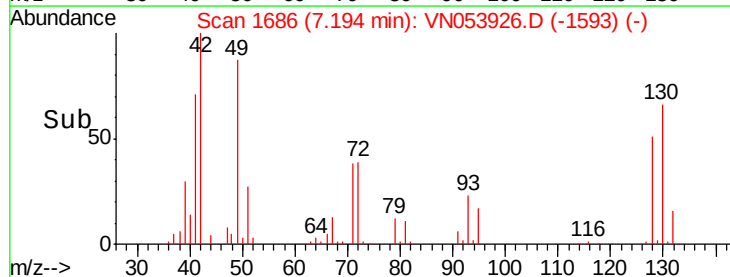
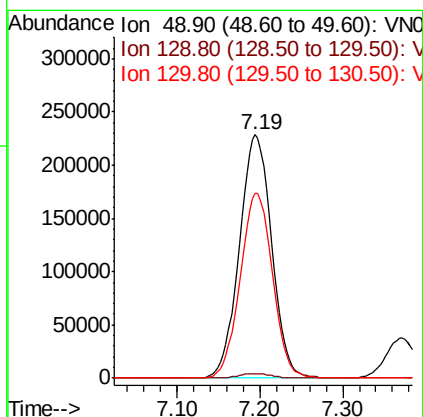
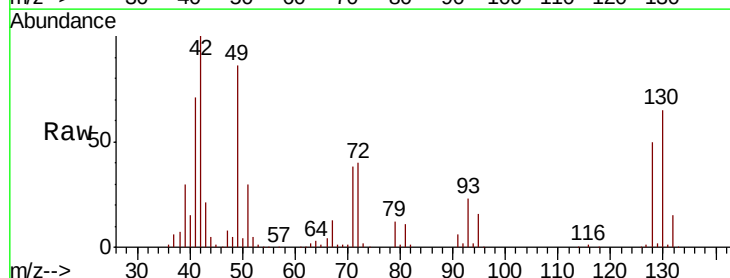
Delta R.T. 0.00 min

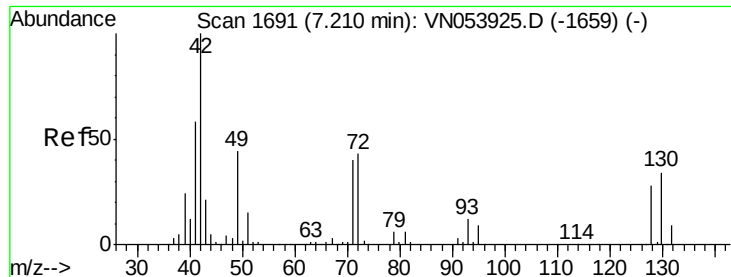
Lab File: VN053926.D

Acq: 25 Feb 2019 13:30

Tgt Ion: 49 Resp: 618609

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.6
130	76.0	72.9	109.3

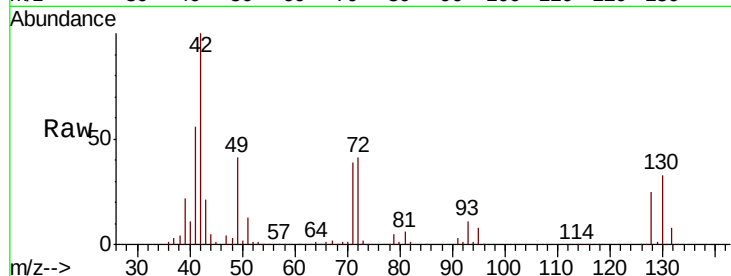




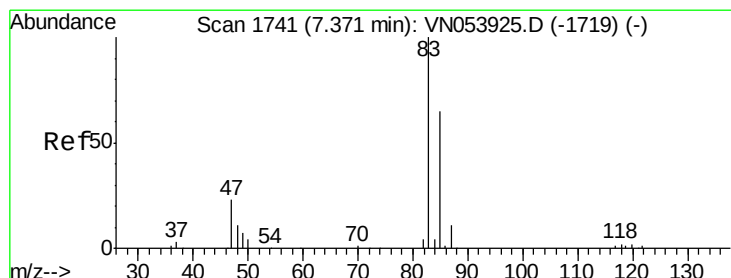
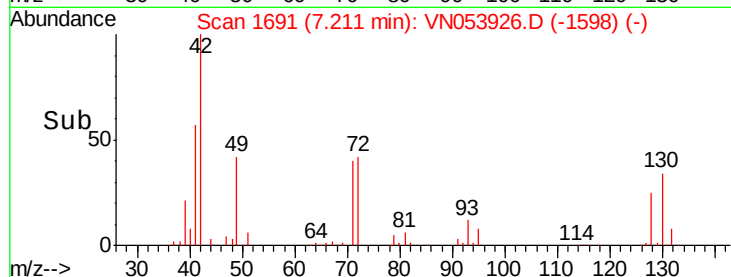
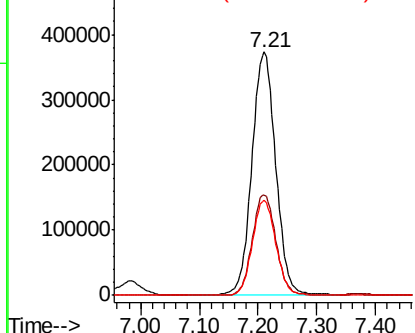
#29
Tetrahydrofuran
Concen: 500.650 ug/l
RT: 7.21 min Scan# 1691
Delta R.T. 0.00 min
Lab File: VN053926.D
Acq: 25 Feb 2019 13:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 42 Resp: 1045889
Ion Ratio Lower Upper
42 100
72 41.0 36.9 55.3
71 38.5 34.6 52.0

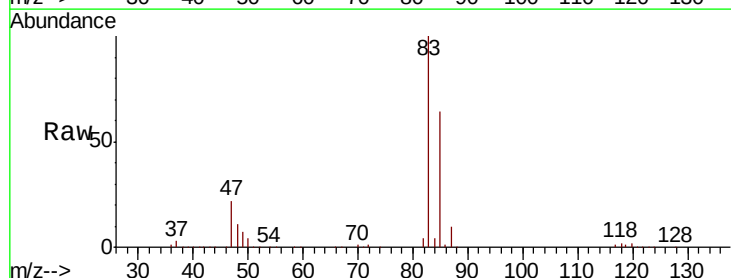


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

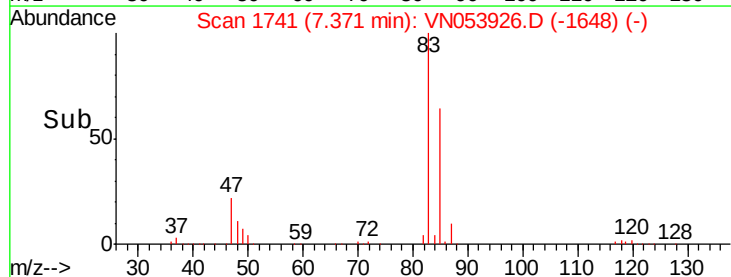
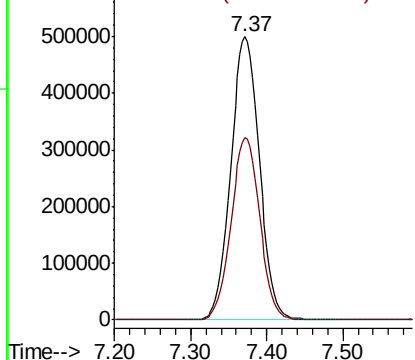


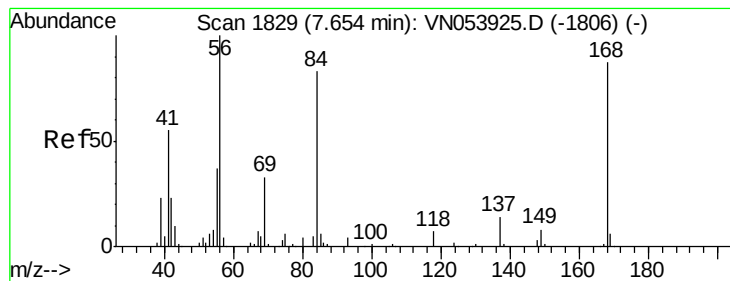
#30
Chloroform
Concen: 96.550 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VN053926.D
Acq: 25 Feb 2019 13:30

Tgt Ion: 83 Resp: 1307004
Ion Ratio Lower Upper
83 100
85 64.4 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 99.811 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN053926.D

Acq: 25 Feb 2019 13:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

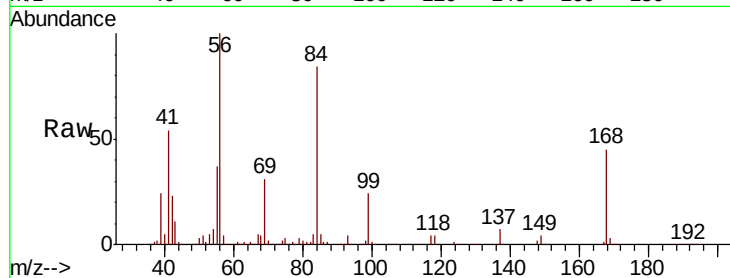
Tgt Ion: 56 Resp: 1269982

Ion Ratio Lower Upper

56 100

69 30.7 26.0 39.0

84 82.5 69.1 103.7

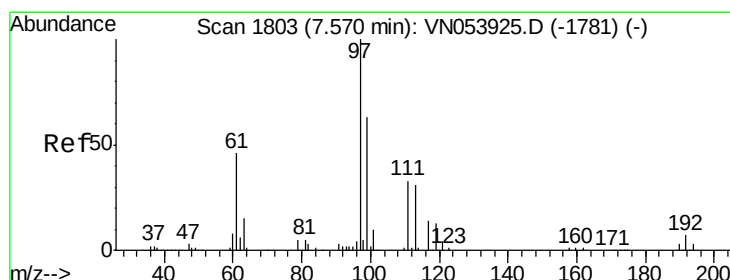
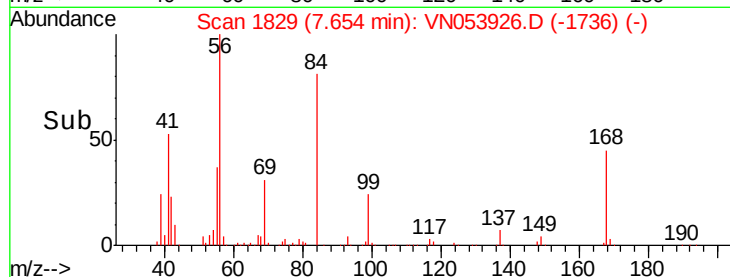
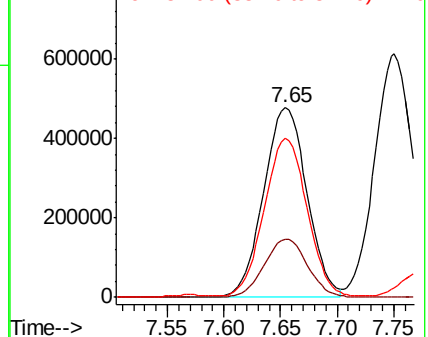


Abundance

Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 98.085 ug/l

RT: 7.57 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VN053926.D

Acq: 25 Feb 2019 13:30

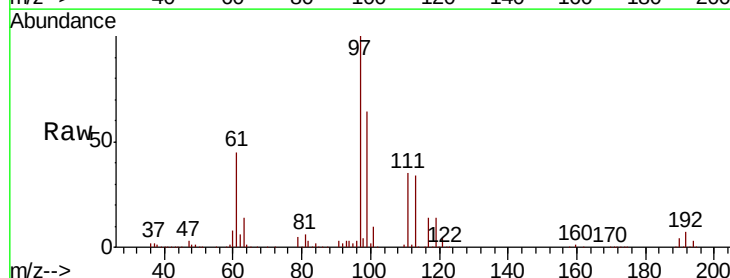
Tgt Ion: 97 Resp: 1094799

Ion Ratio Lower Upper

97 100

99 64.5 51.8 77.8

61 44.9 33.2 49.8

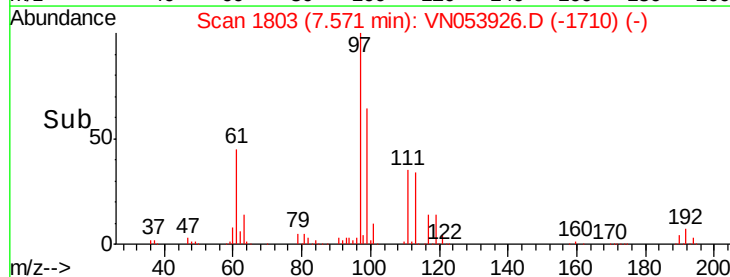
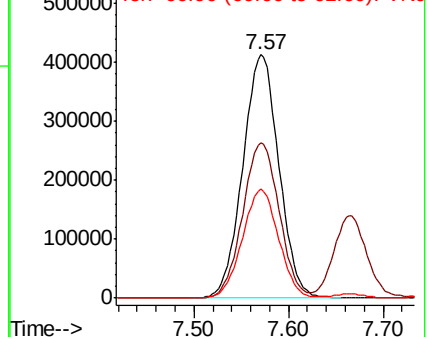


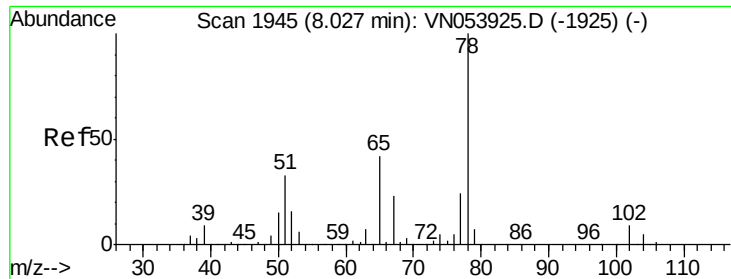
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

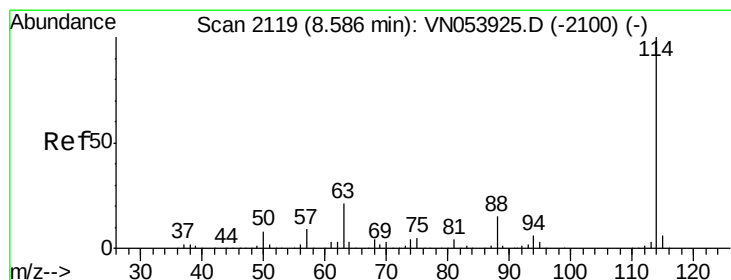
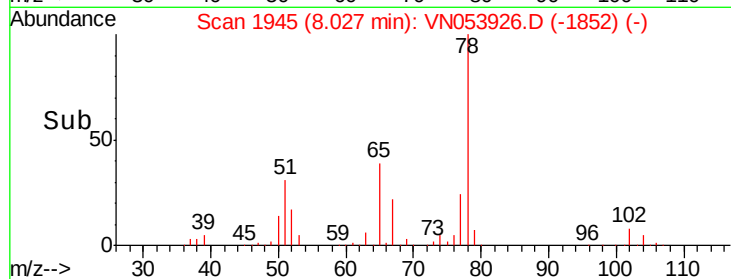
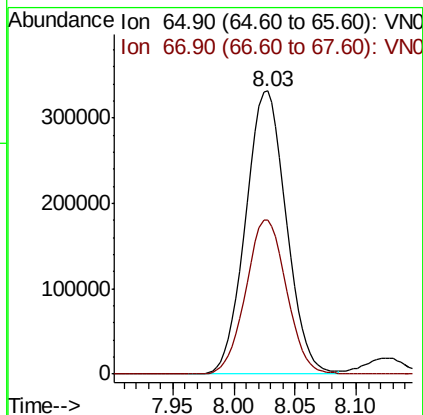
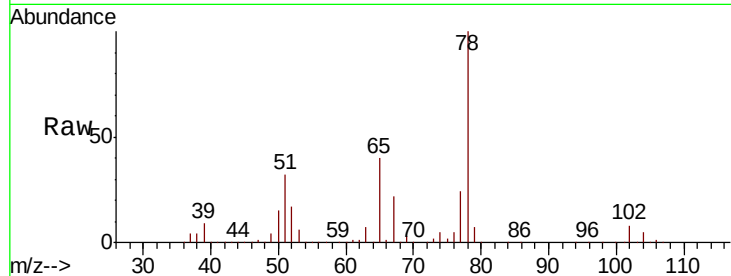




#33
 1,2-Dichloroethane-d4
 Concen: 95.713 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. 0.00 min
 Lab File: VN053926.D
 Acq: 25 Feb 2019 13:30

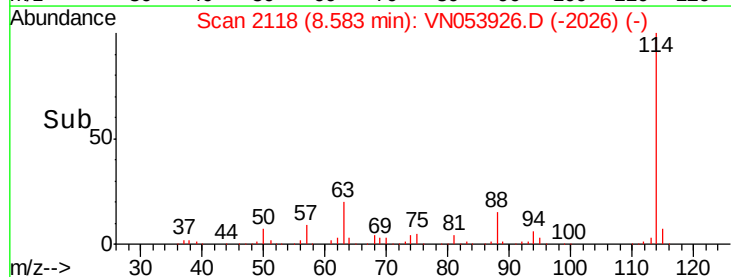
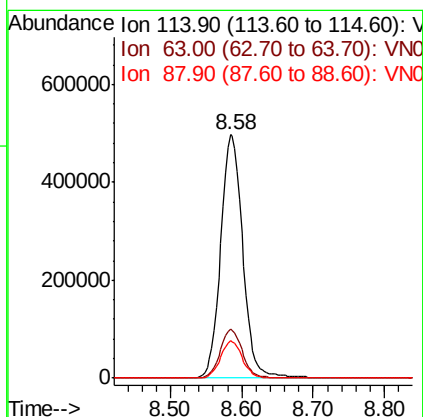
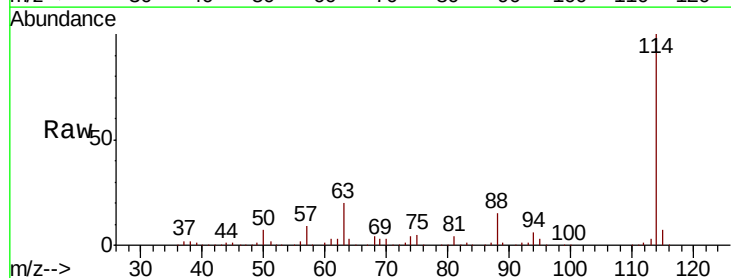
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

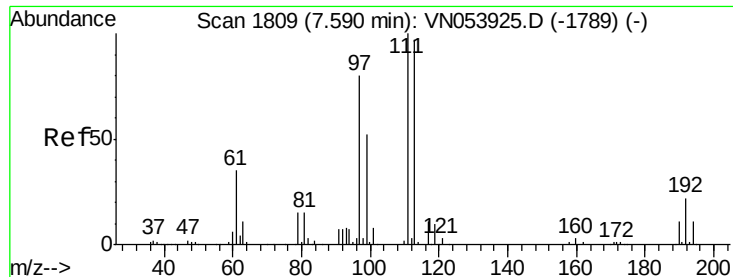
Tgt Ion: 65 Resp: 764696
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 111.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN053926.D
 Acq: 25 Feb 2019 13:30

Tgt Ion: 114 Resp: 1067192
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 37.4
 88 15.2 0.0 30.4

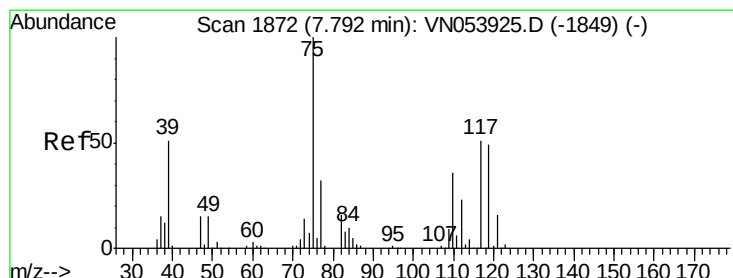
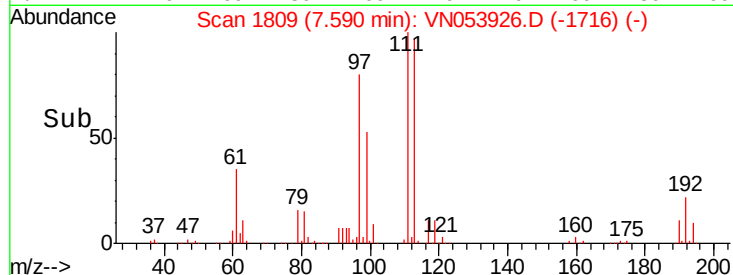
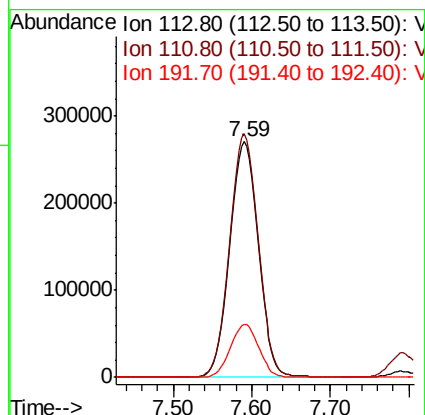
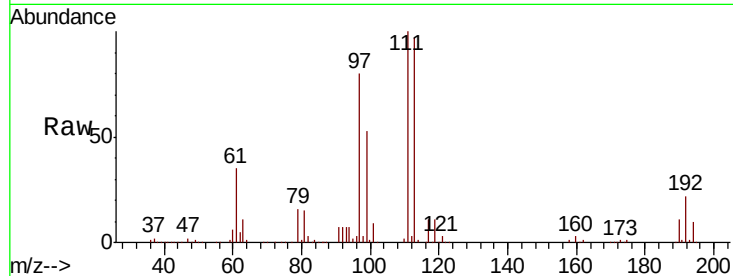




#35
 Dibromofluoromethane
 Concen: 99.340 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN053926.D
 Acq: 25 Feb 2019 13:30

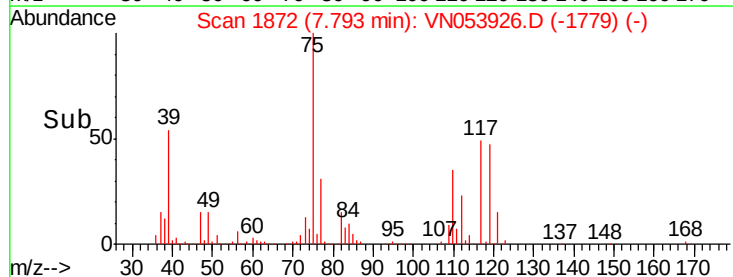
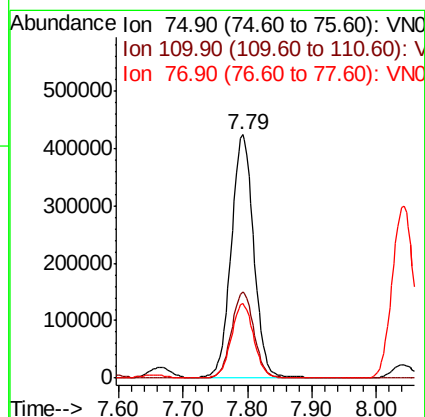
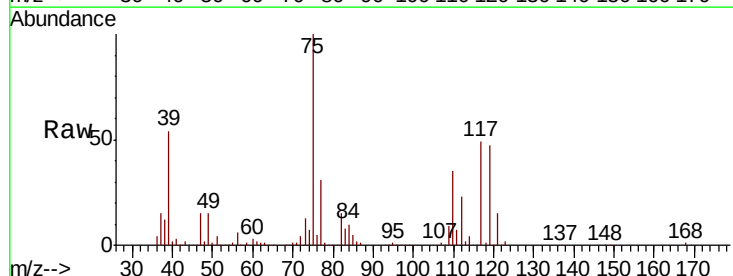
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

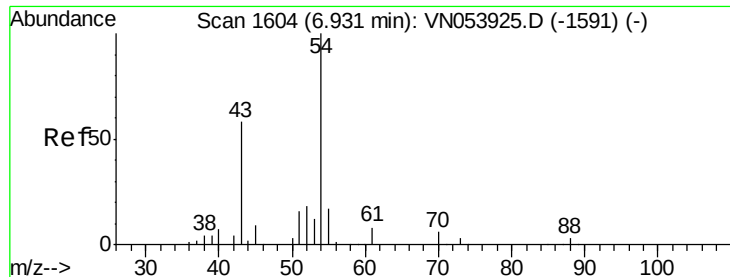
Tgt Ion: 113 Resp: 685552
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.1 121.7
 192 22.2 18.8 28.2



#36
 1,1-Dichloropropene
 Concen: 104.116 ug/l
 RT: 7.79 min Scan# 1872
 Delta R.T. 0.00 min
 Lab File: VN053926.D
 Acq: 25 Feb 2019 13:30

Tgt Ion: 75 Resp: 1033299
 Ion Ratio Lower Upper
 75 100
 110 35.5 19.0 57.0
 77 30.6 25.4 38.0

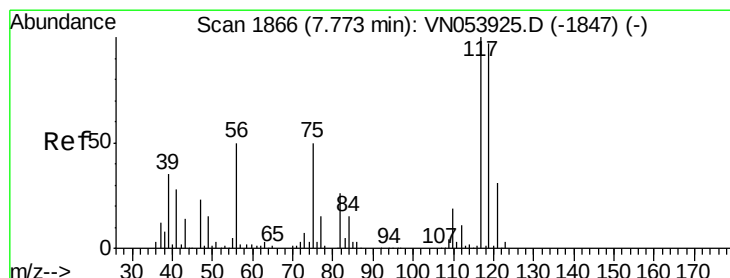
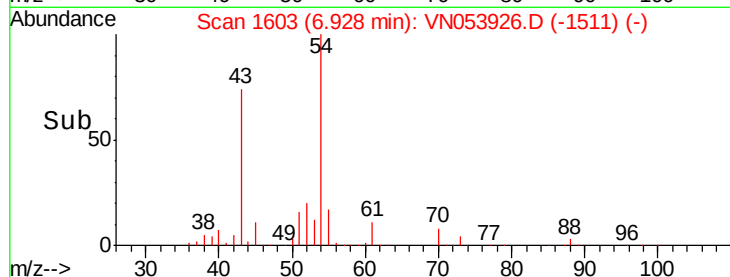
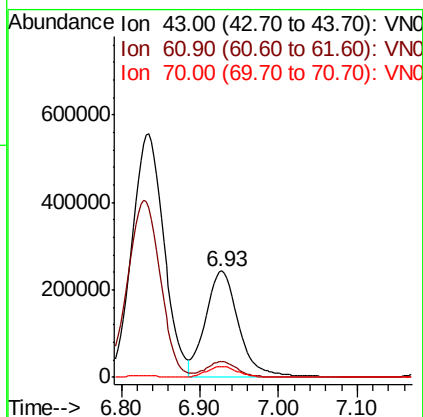
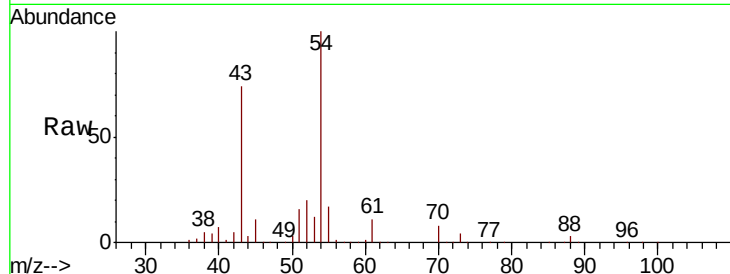




#37
Ethyl Acetate
Concen: 98.235 ug/l
RT: 6.93 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VN053926.D
Acq: 25 Feb 2019 13:30

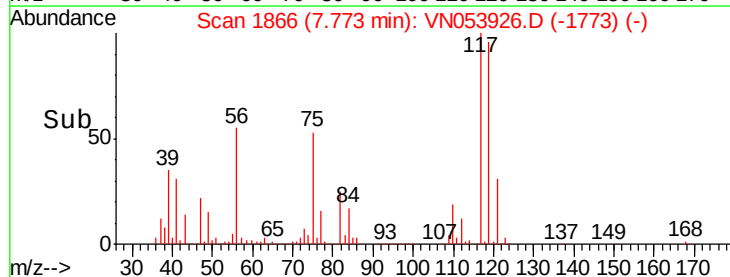
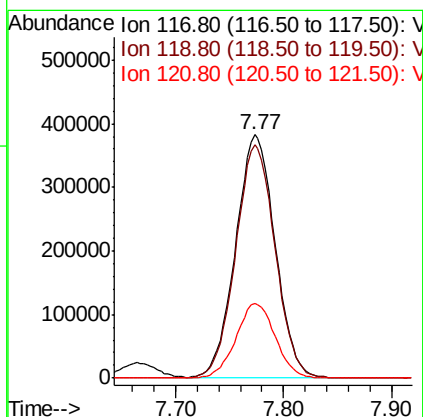
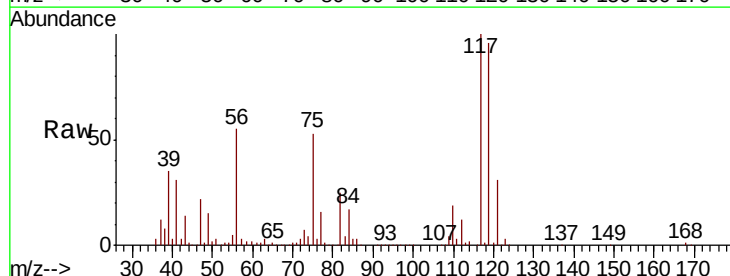
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

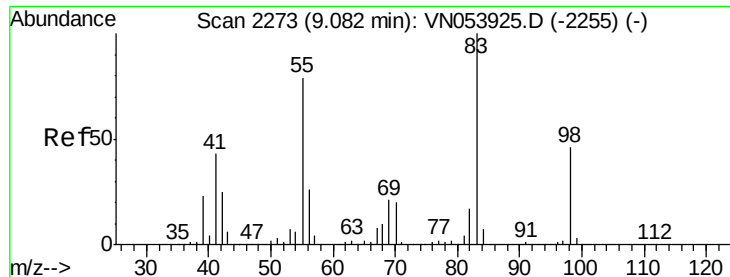
Tgt Ion: 43 Resp: 696132
Ion Ratio Lower Upper
43 100
61 14.1 12.0 18.0
70 9.6 8.7 13.1



#38
Carbon Tetrachloride
Concen: 93.891 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. 0.00 min
Lab File: VN053926.D
Acq: 25 Feb 2019 13:30

Tgt Ion: 117 Resp: 969121
Ion Ratio Lower Upper
117 100
119 95.9 76.2 114.2
121 30.8 24.6 36.8

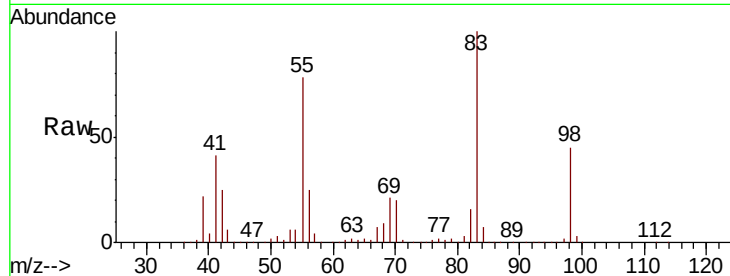




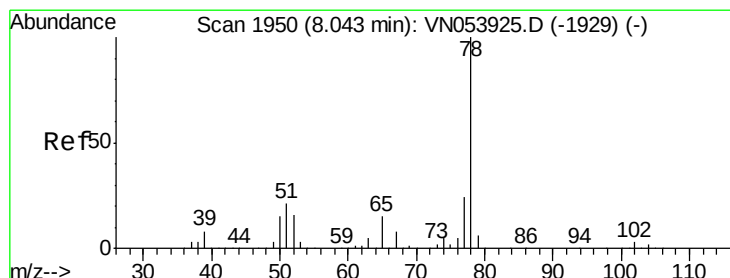
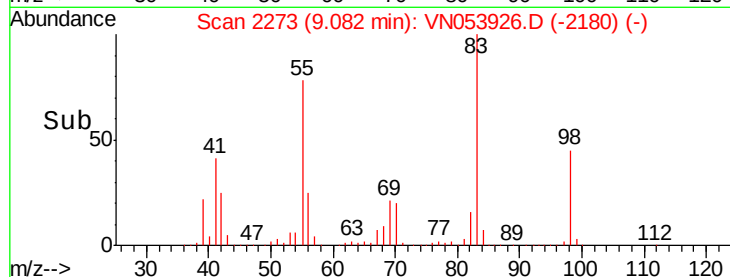
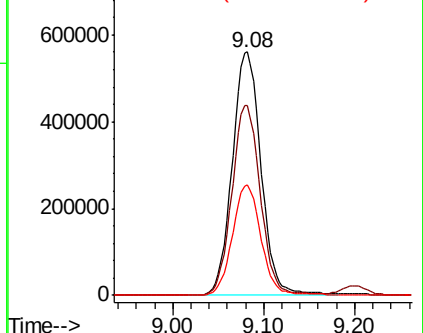
#39
Methylcyclohexane
Concen: 103.284 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN053926.D
Acq: 25 Feb 2019 13:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 83 Resp: 1235478
Ion Ratio Lower Upper
83 100
55 77.9 58.2 87.4
98 45.5 37.2 55.8

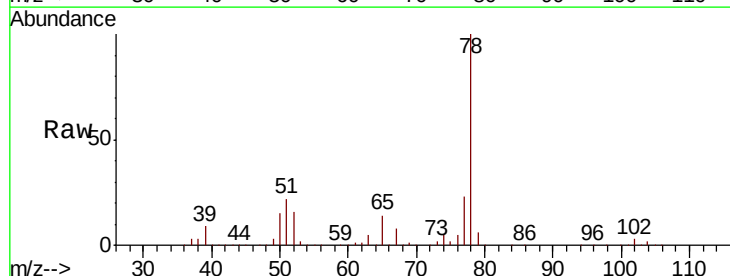


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

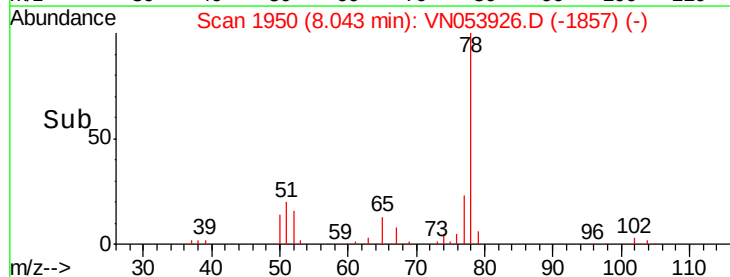
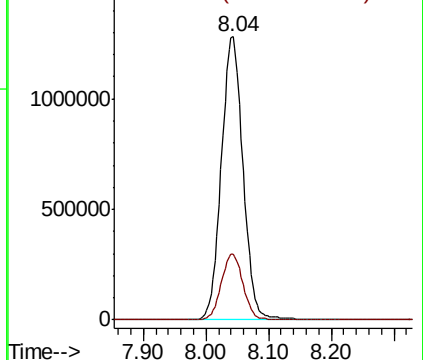


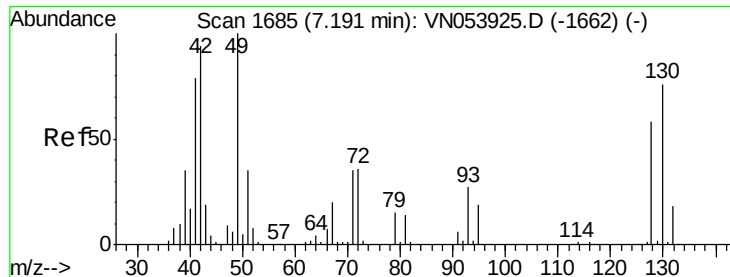
#40
Benzene
Concen: 100.658 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. 0.00 min
Lab File: VN053926.D
Acq: 25 Feb 2019 13:30

Tgt Ion: 78 Resp: 3068911
Ion Ratio Lower Upper
78 100
77 23.3 18.8 28.2



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0





#41

Methacrylonitrile

Concen: 83.772 ug/l

RT: 7.17 min Scan# 1679

Delta R.T. -0.02 min

Lab File: VN053926.D

Acq: 25 Feb 2019 13:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion: 41 Resp: 382259

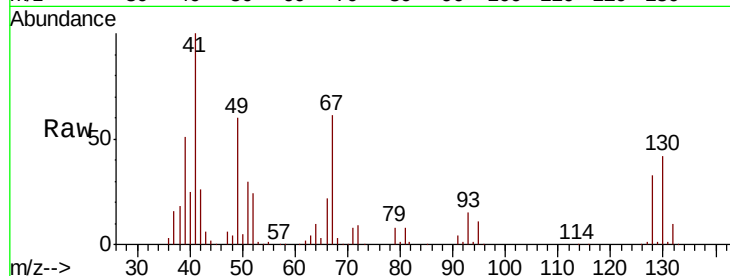
Ion Ratio Lower Upper

41 100

39 59.8 0.0 0.0#

67 78.5 0.0 0.0#

52 31.1 0.0 0.0#

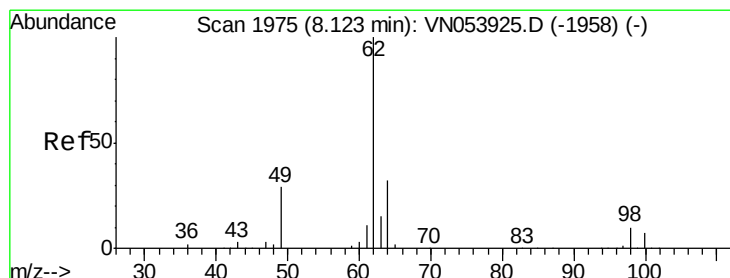
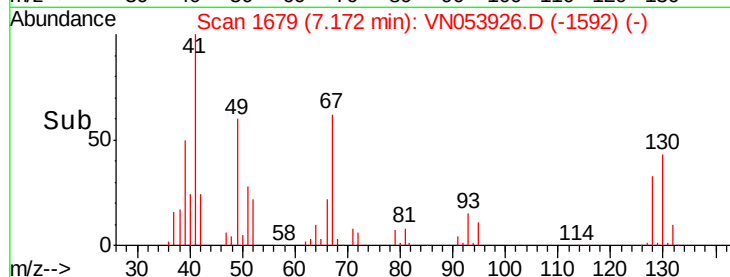
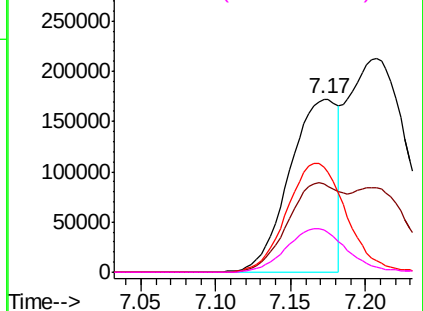


Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 67.00 (66.70 to 67.70): VNO

Ion 52.00 (51.70 to 52.70): VNO



#42

1,2-Dichloroethane

Concen: 100.422 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. 0.00 min

Lab File: VN053926.D

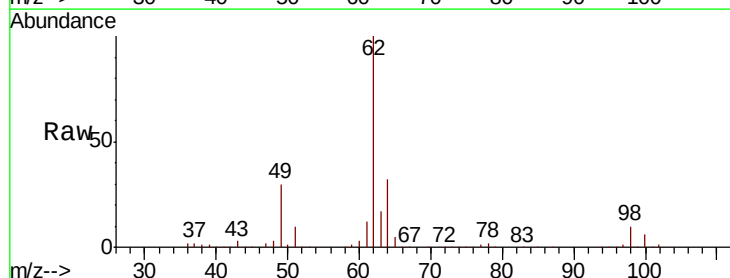
Acq: 25 Feb 2019 13:30

Tgt Ion: 62 Resp: 947891

Ion Ratio Lower Upper

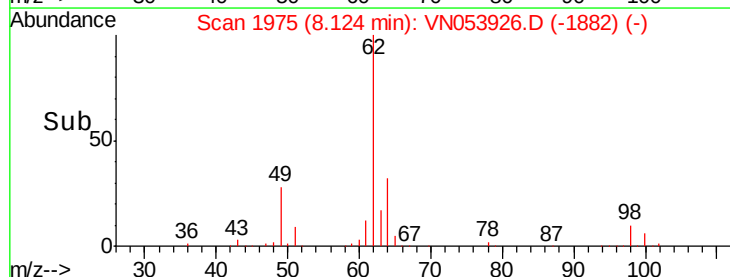
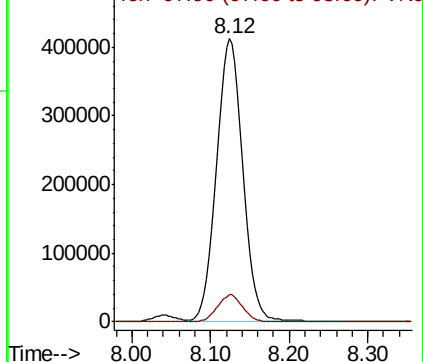
62 100

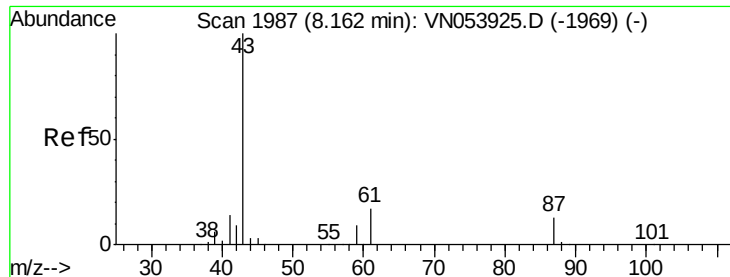
98 9.3 0.0 20.8



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 97.90 (97.60 to 98.60): VNO





#43

Isopropyl Acetate

Concen: 102.661 ug/l

RT: 8.16 min Scan# 1987

Delta R.T. 0.00 min

Lab File: VN053926.D

Acq: 25 Feb 2019 13:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

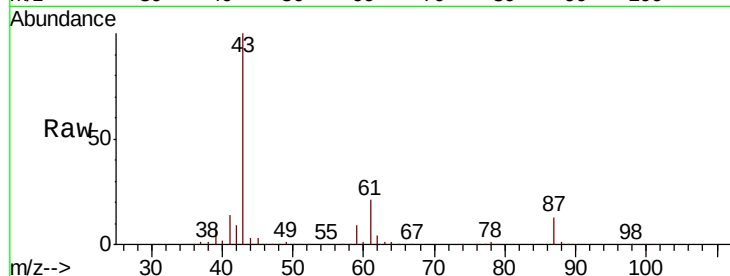
Tgt Ion: 43 Resp: 1228339

Ion Ratio Lower Upper

43 100

61 19.5 17.4 26.0

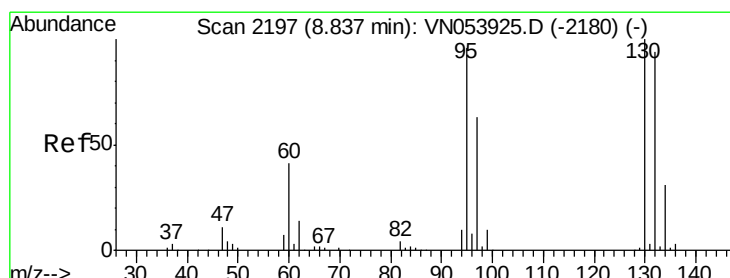
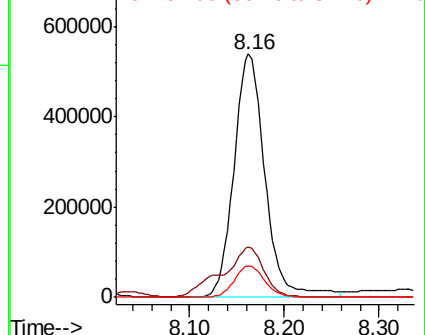
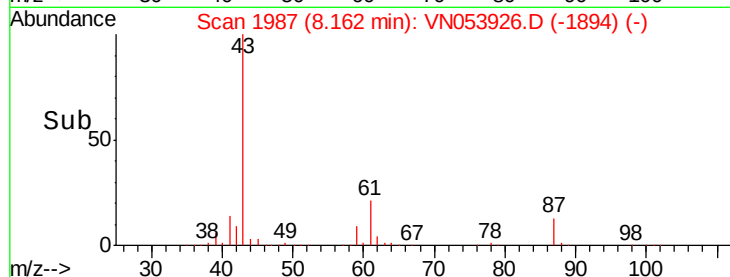
87 12.7 11.5 17.3



Abundance Ion 43.00 (42.70 to 43.70): VN053926.D (-1894) (-)

Ion 61.00 (60.70 to 61.70): VN053926.D (-1894) (-)

Ion 87.00 (86.70 to 87.70): VN053926.D (-1894) (-)



#44

Trichloroethene

Concen: 99.852 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN053926.D

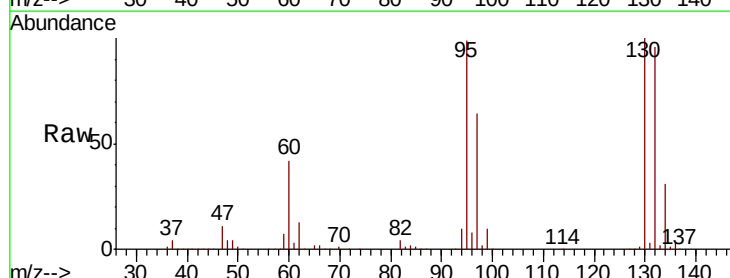
Acq: 25 Feb 2019 13:30

Tgt Ion: 130 Resp: 807090

Ion Ratio Lower Upper

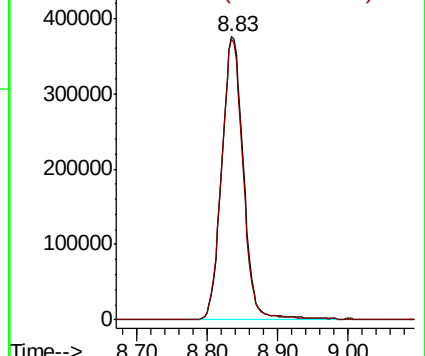
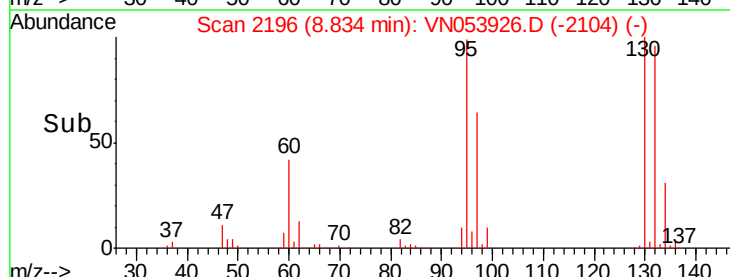
130 100

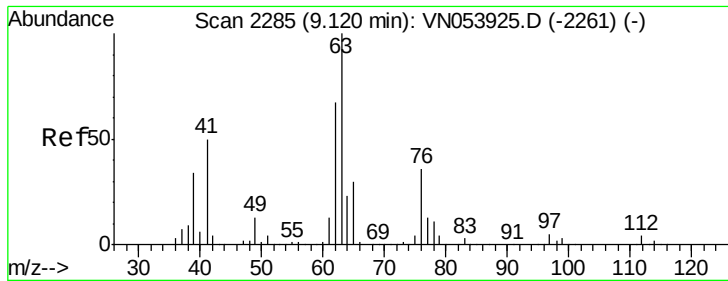
95 99.3 0.0 190.0



Abundance Ion 129.80 (129.50 to 130.50): VN053926.D (-2104) (-)

Ion 94.90 (94.60 to 95.60): VN053926.D (-2104) (-)

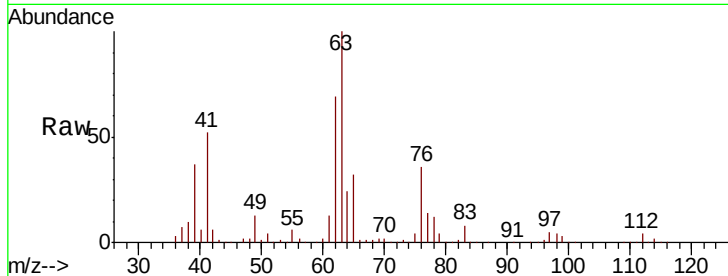




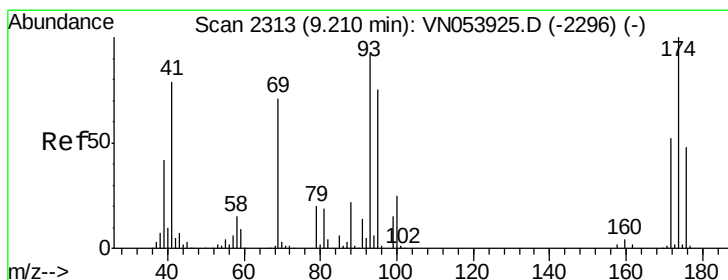
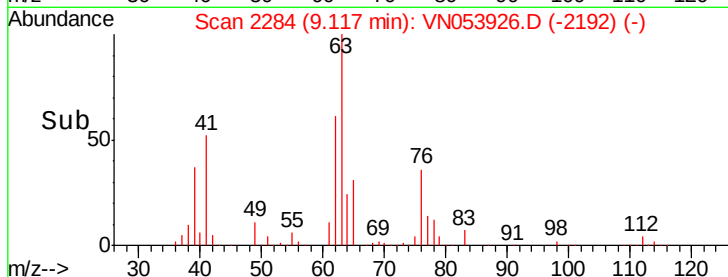
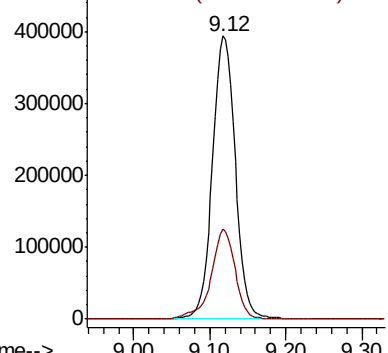
#45
 1,2-Dichloropropane
 Concen: 99.859 ug/l
 RT: 9.12 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN053926.D
 Acq: 25 Feb 2019 13:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tgt Ion: 63 Resp: 821402
 Ion Ratio Lower Upper
 63 100
 65 31.6 24.3 36.5

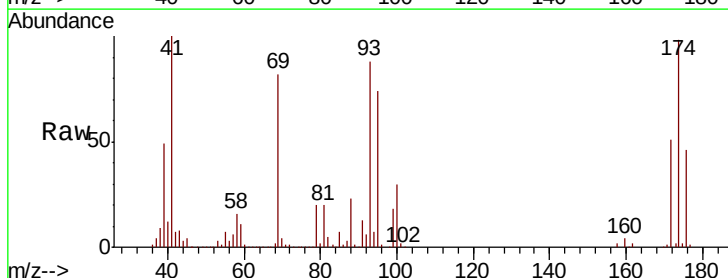


Abundance Ion 62.90 (62.60 to 63.60): VN0
 Ion 64.90 (64.60 to 65.60): VN0

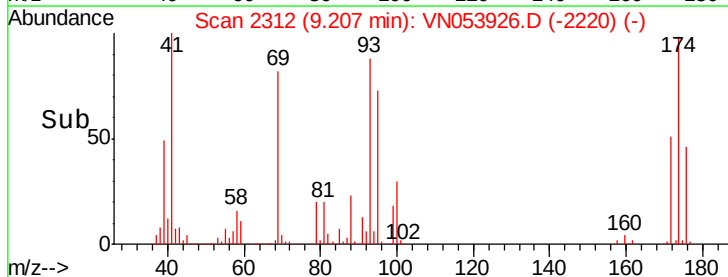
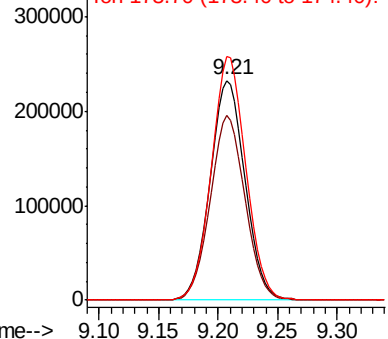


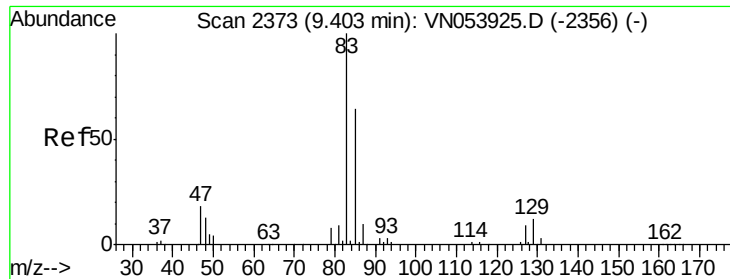
#46
 Dibromomethane
 Concen: 98.960 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN053926.D
 Acq: 25 Feb 2019 13:30

Tgt Ion: 93 Resp: 472579
 Ion Ratio Lower Upper
 93 100
 95 83.4 66.6 100.0
 174 109.8 96.2 144.4



Abundance Ion 92.80 (92.50 to 93.50): VN0
 Ion 94.80 (94.50 to 95.50): VN0
 Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 101.080 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN053926.D

Acq: 25 Feb 2019 13:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

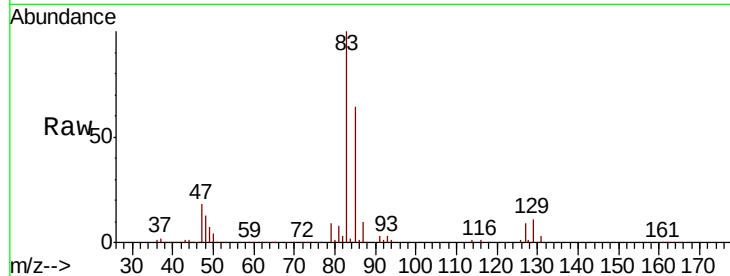
Tgt Ion: 83 Resp: 1017254

Ion Ratio Lower Upper

83 100

85 63.8 51.8 77.6

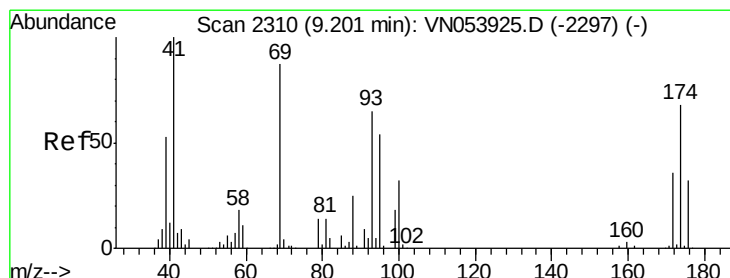
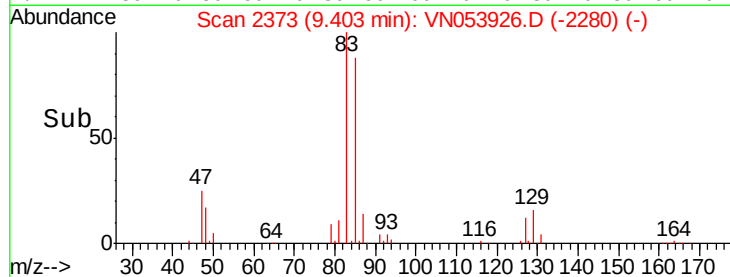
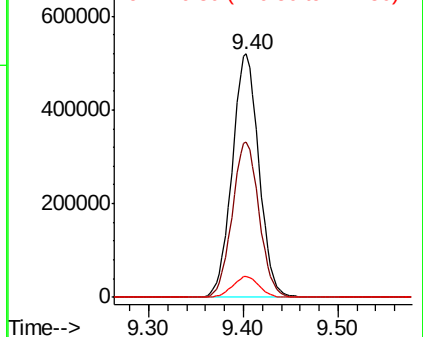
127 8.7 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 110.163 ug/l

RT: 9.20 min Scan# 2309

Delta R.T. -0.00 min

Lab File: VN053926.D

Acq: 25 Feb 2019 13:30

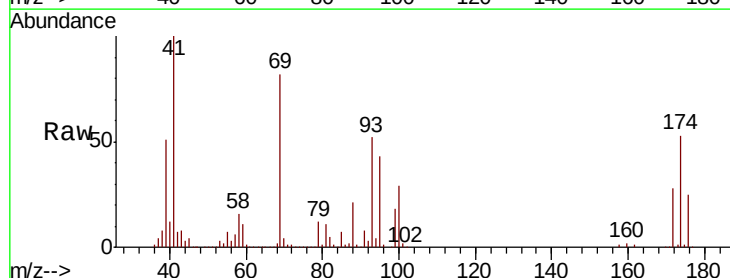
Tgt Ion: 41 Resp: 606285

Ion Ratio Lower Upper

41 100

69 87.5 74.8 112.2

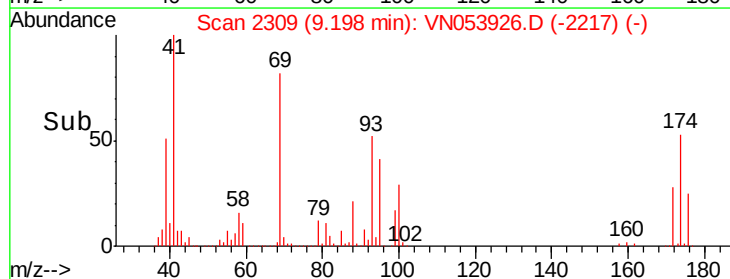
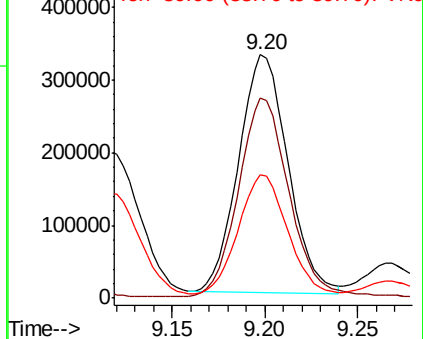
39 53.1 39.0 58.6

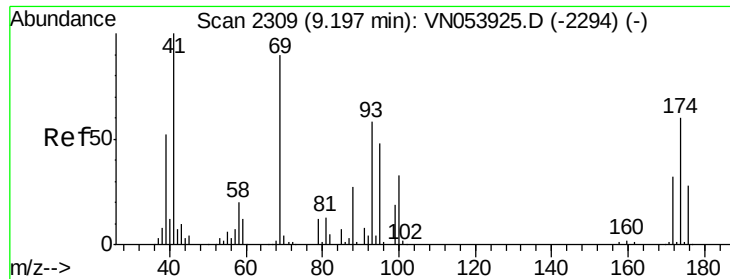


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

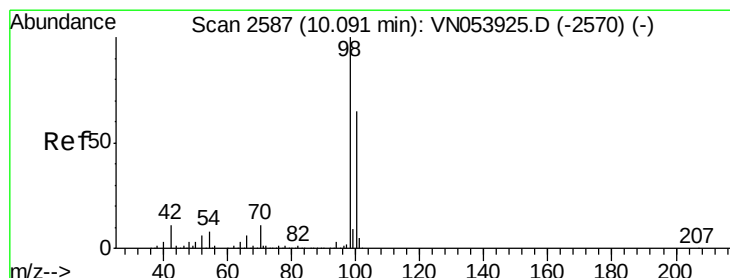
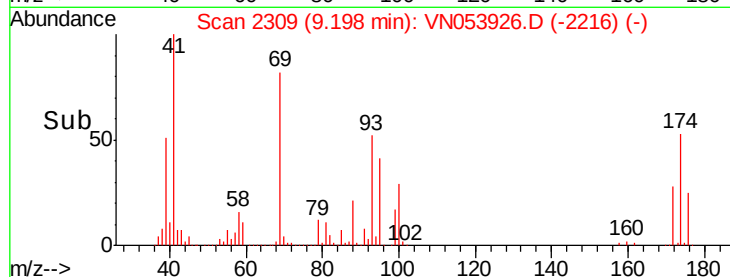
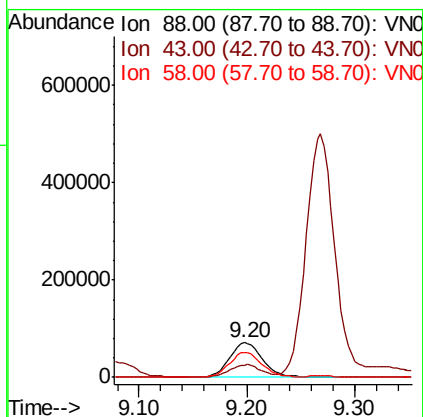
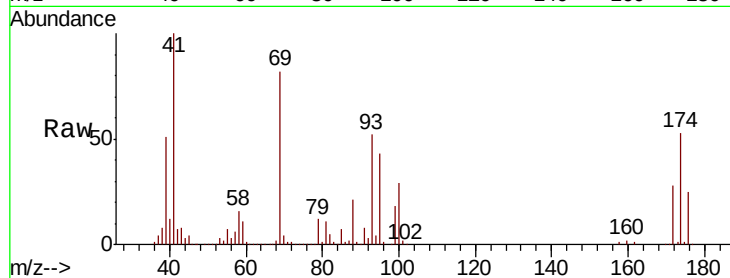




#49
1,4-Dioxane
Concen: 2048.593 ug/l
RT: 9.20 min Scan# 2309
Delta R.T. 0.00 min
Lab File: VN053926.D
Acq: 25 Feb 2019 13:30

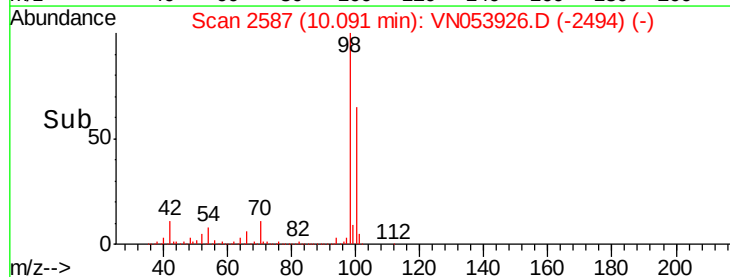
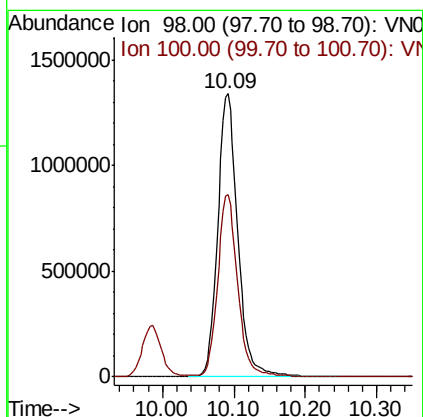
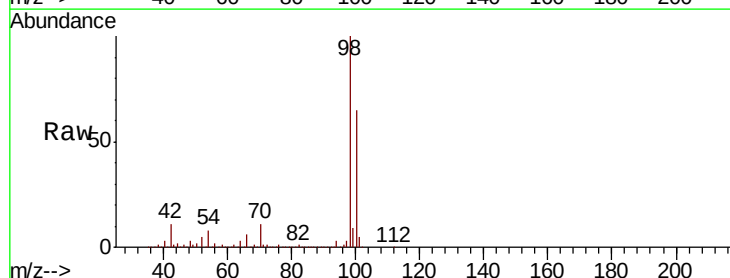
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

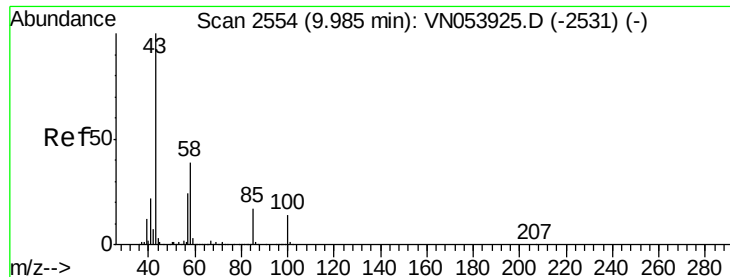
Tgt Ion: 88 Resp: 152705
Ion Ratio Lower Upper
88 100
43 31.7 21.2 31.8
58 71.2 54.2 81.2



#50
Toluene-d8
Concen: 101.324 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN053926.D
Acq: 25 Feb 2019 13:30

Tgt Ion: 98 Resp: 2602986
Ion Ratio Lower Upper
98 100
100 64.5 51.9 77.9

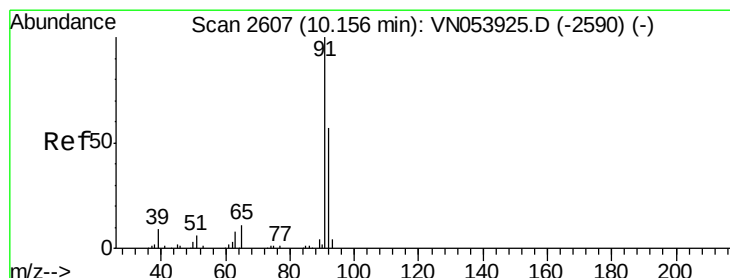
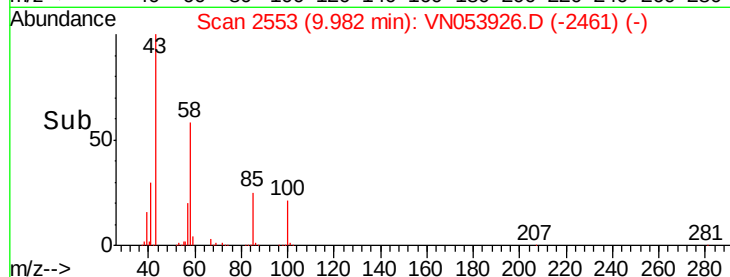
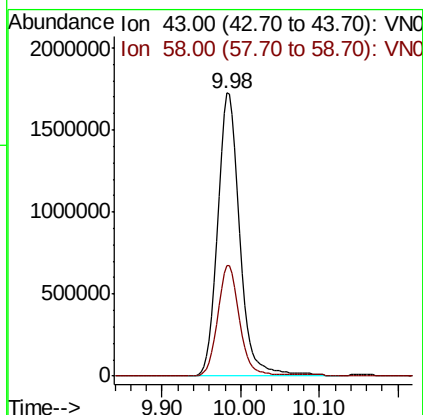
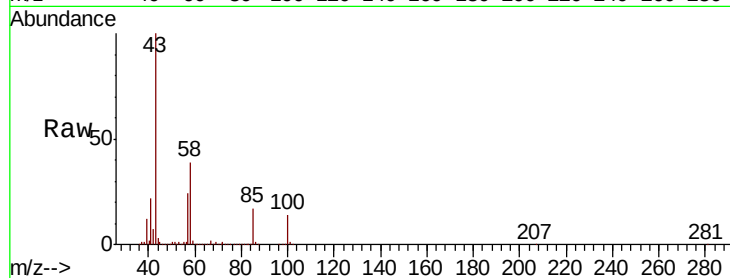




#51
 4-Methyl-2-Pentanone
 Concen: 542.479 ug/l
 RT: 9.98 min Scan# 2553
 Delta R.T. -0.00 min
 Lab File: VN053926.D
 Acq: 25 Feb 2019 13:30

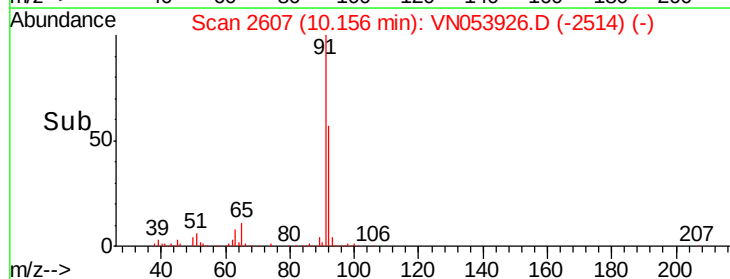
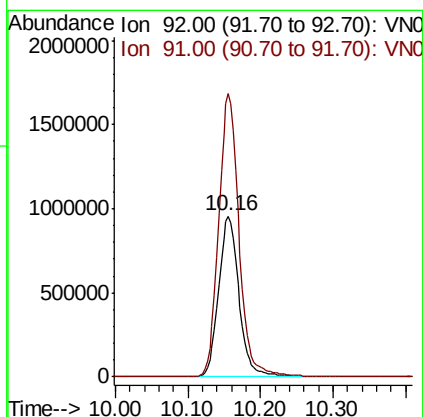
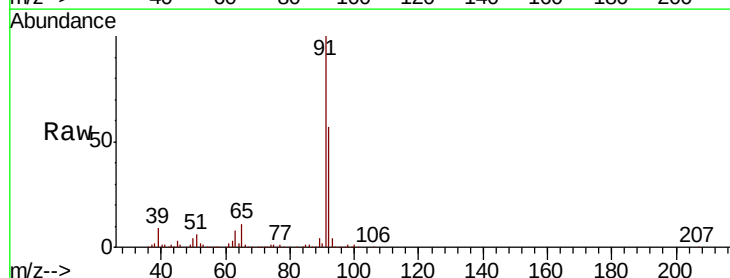
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

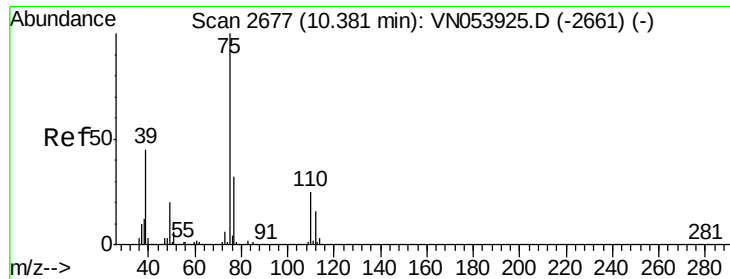
Tgt Ion: 43 Resp: 3335375
 Ion Ratio Lower Upper
 43 100
 58 38.7 32.7 49.1



#52
 Toluene
 Concen: 103.096 ug/l
 RT: 10.16 min Scan# 2607
 Delta R.T. 0.00 min
 Lab File: VN053926.D
 Acq: 25 Feb 2019 13:30

Tgt Ion: 92 Resp: 1850848
 Ion Ratio Lower Upper
 92 100
 91 175.9 138.4 207.6





#53

t-1,3-Dichloropropene

Concen: 110.535 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN053926.D

Acq: 25 Feb 2019 13:30

Instrument :

MSVOA_N

ClientSampleId :

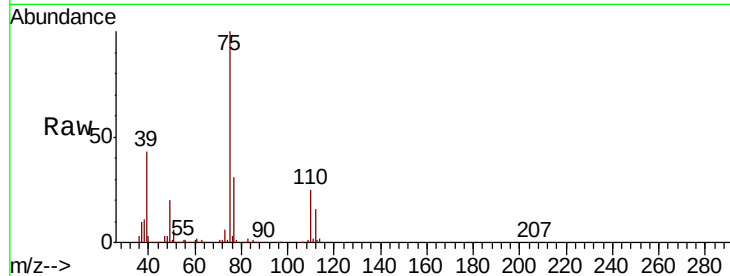
VSTDIC100

Tgt Ion: 75 Resp: 1082371

Ion Ratio Lower Upper

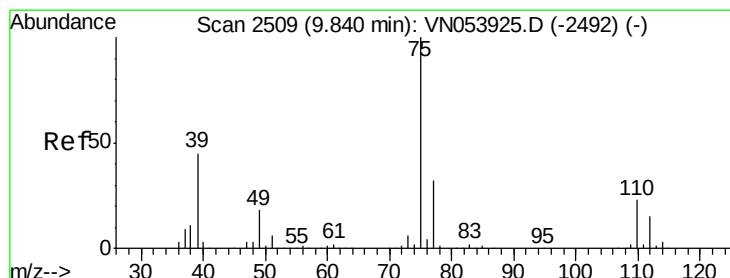
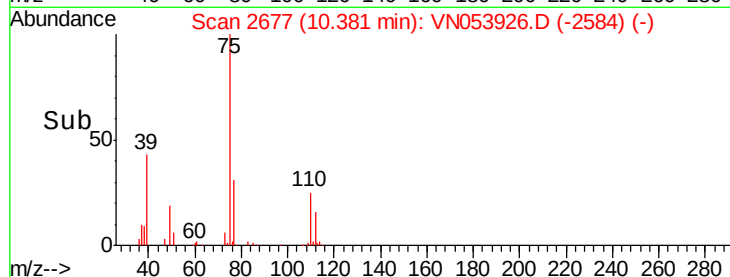
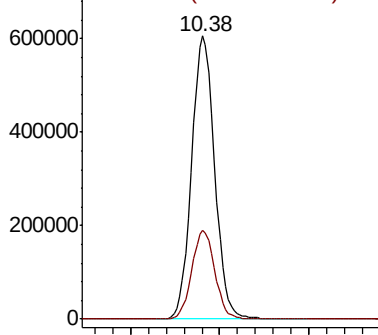
75 100

77 31.4 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: 106.703 ug/l

RT: 9.84 min Scan# 2509

Delta R.T. 0.00 min

Lab File: VN053926.D

Acq: 25 Feb 2019 13:30

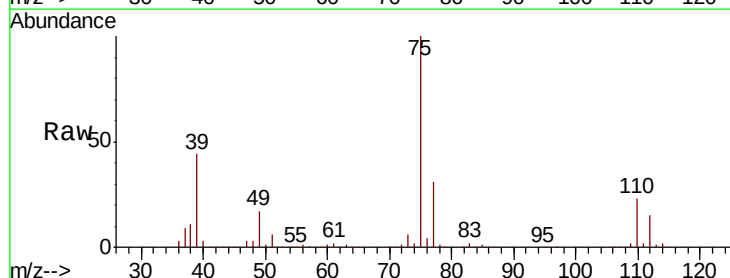
Tgt Ion: 75 Resp: 1231751

Ion Ratio Lower Upper

75 100

77 31.4 25.8 38.6

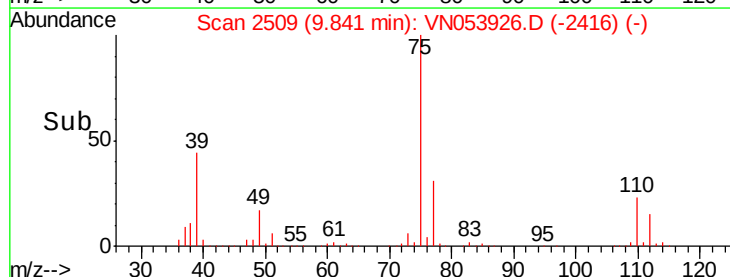
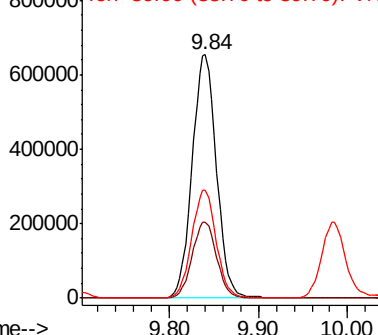
39 44.2 31.4 47.0

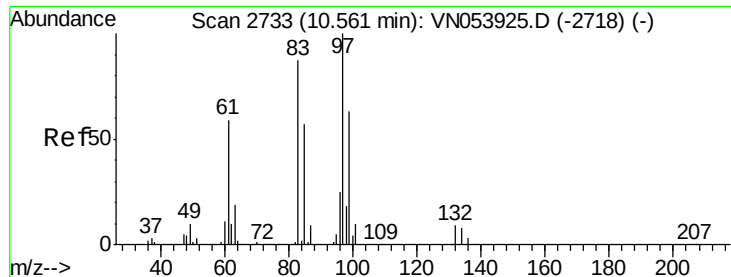


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

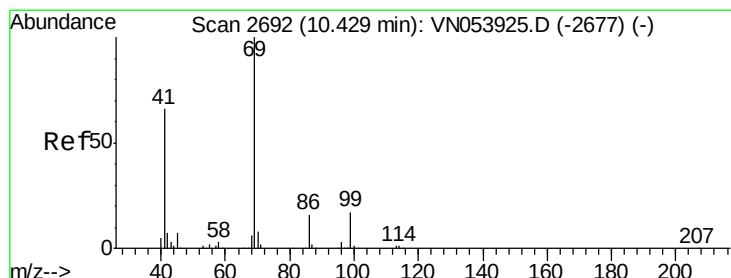
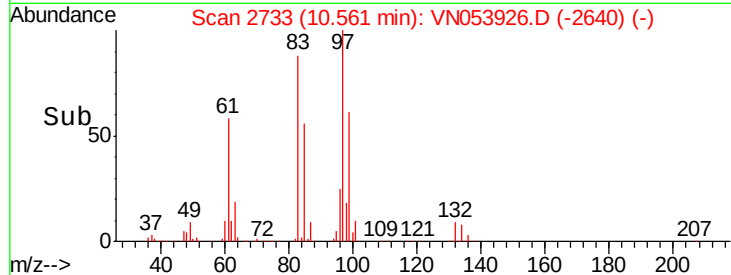
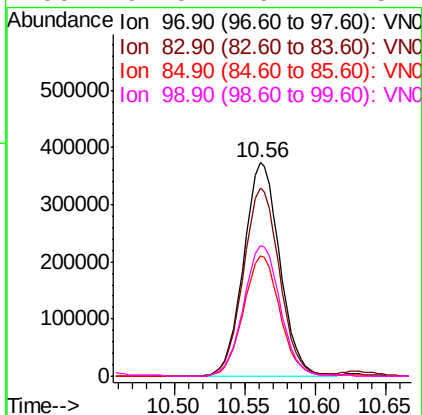
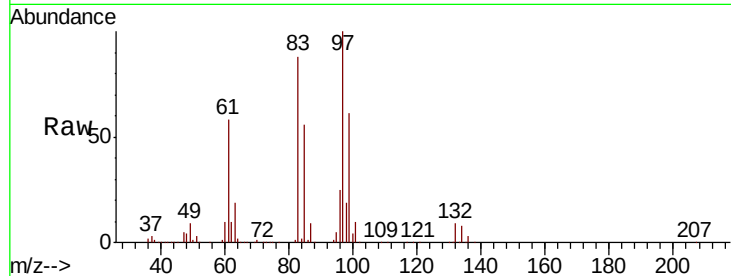




#55
 1,1,2-Trichloroethane
 Concen: 100.286 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN053926.D
 Acq: 25 Feb 2019 13:30

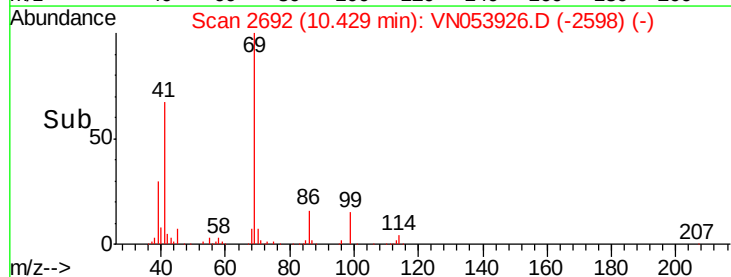
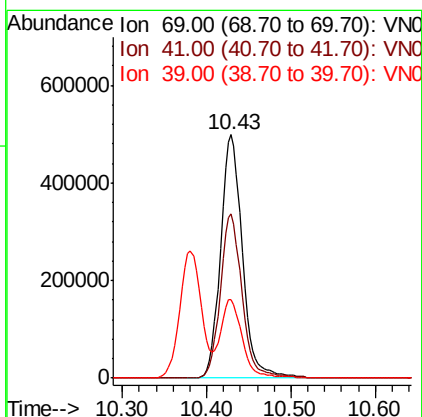
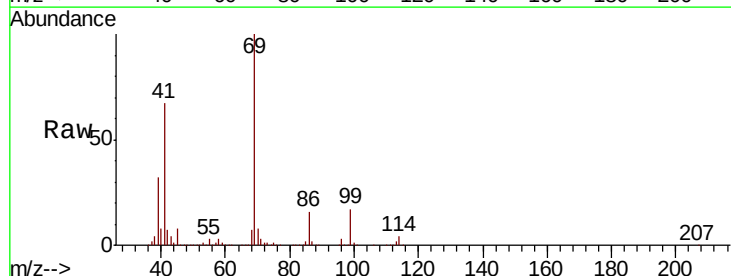
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDIC100

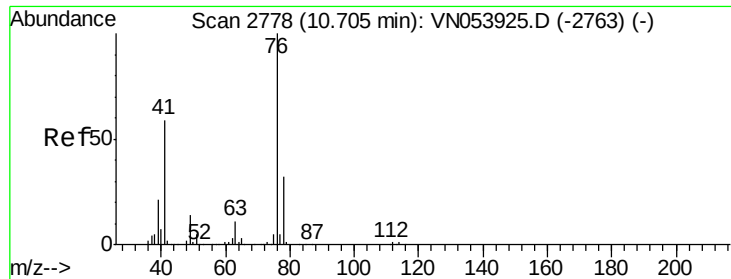
Tgt Ion: 97 Resp: 672375
 Ion Ratio Lower Upper
 97 100
 83 88.1 69.5 104.3
 85 56.2 45.9 68.9
 99 61.0 49.1 73.7



#56
 Ethyl methacrylate
 Concen: 99.865 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN053926.D
 Acq: 25 Feb 2019 13:30

Tgt Ion: 69 Resp: 895760
 Ion Ratio Lower Upper
 69 100
 41 66.9 47.5 71.3
 39 32.1 23.4 35.0

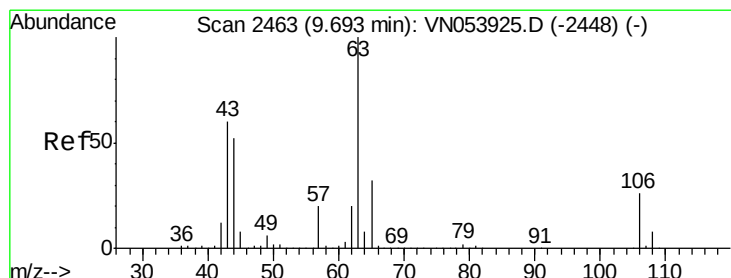
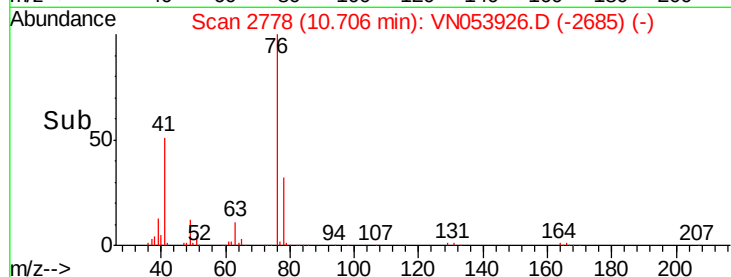
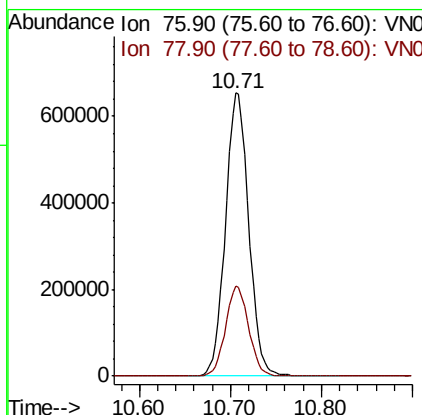
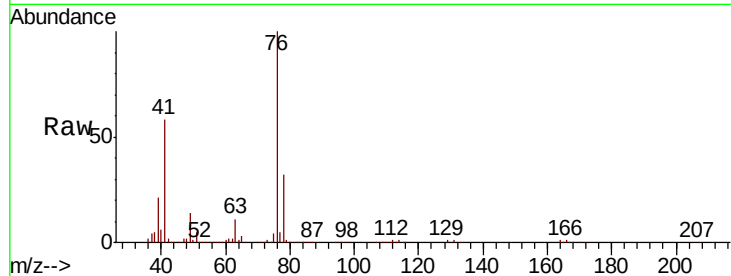




#57
 1,3-Dichloropropane
 Concen: 102.407 ug/l
 RT: 10.71 min Scan# 2778
 Delta R.T. 0.00 min
 Lab File: VN053926.D
 Acq: 25 Feb 2019 13:30

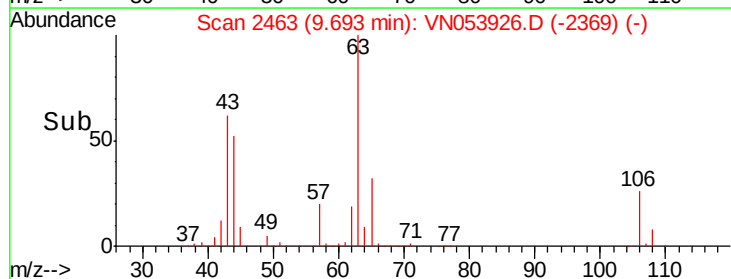
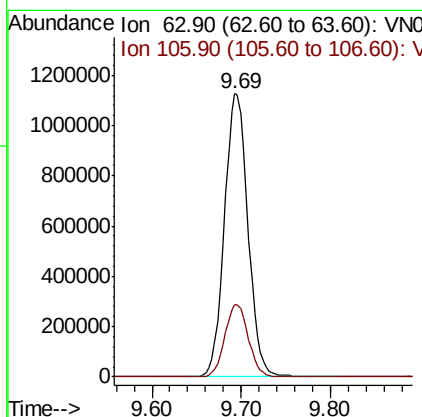
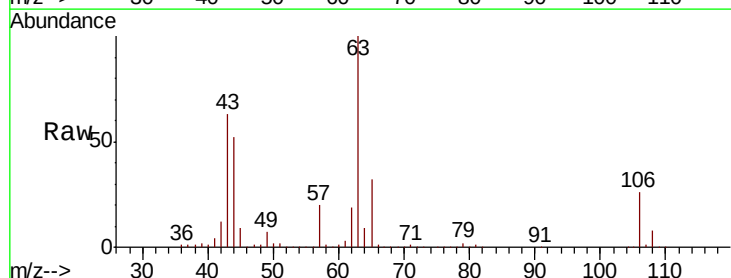
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

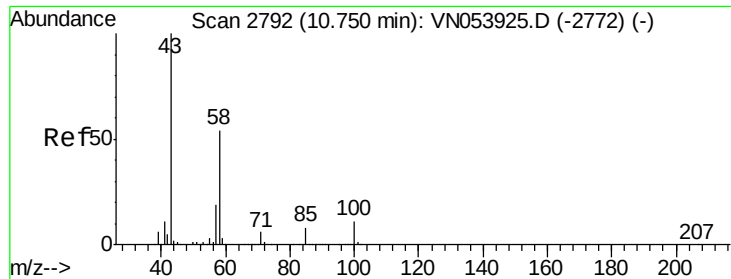
Tgt Ion: 76 Resp: 1160095
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 488.121 ug/l
 RT: 9.69 min Scan# 2463
 Delta R.T. 0.00 min
 Lab File: VN053926.D
 Acq: 25 Feb 2019 13:30

Tgt Ion: 63 Resp: 2053982
 Ion Ratio Lower Upper
 63 100
 106 25.6 22.2 33.2

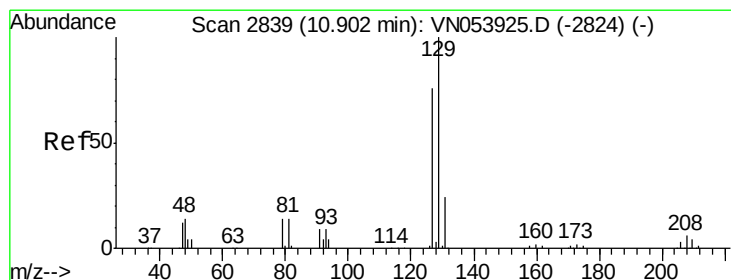
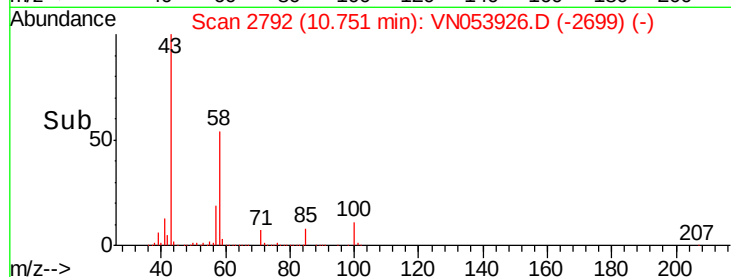
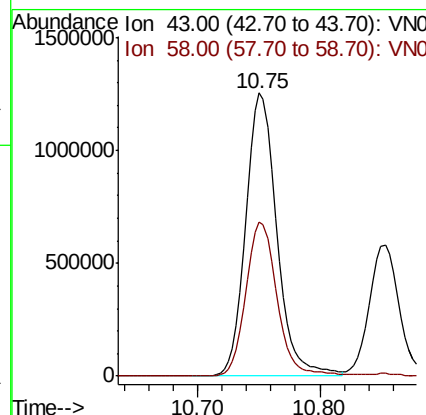
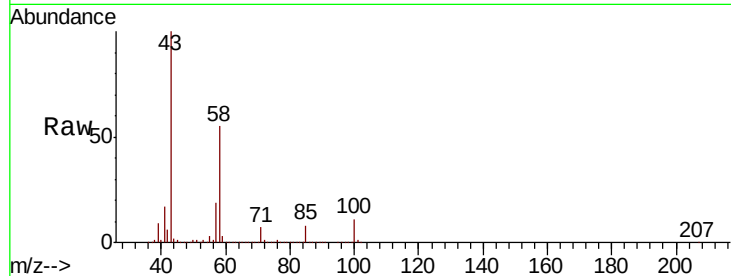




#59
2-Hexanone
Concen: 549.121 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN053926.D
Acq: 25 Feb 2019 13:30

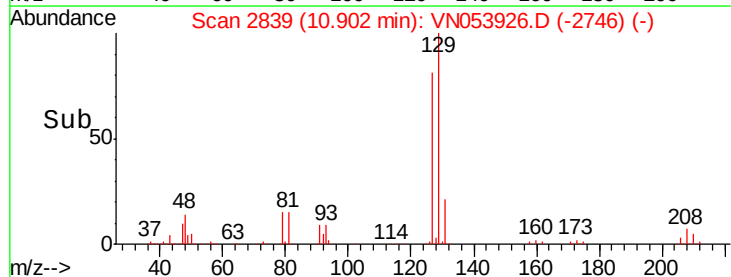
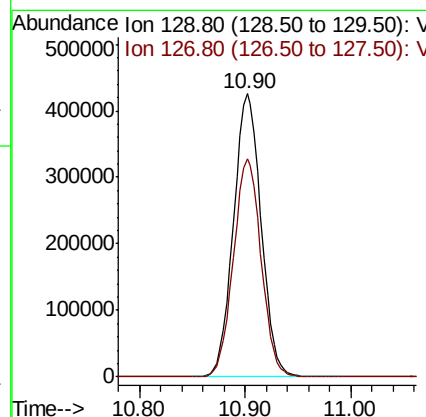
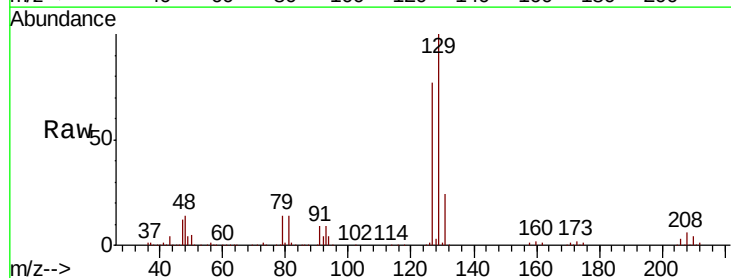
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

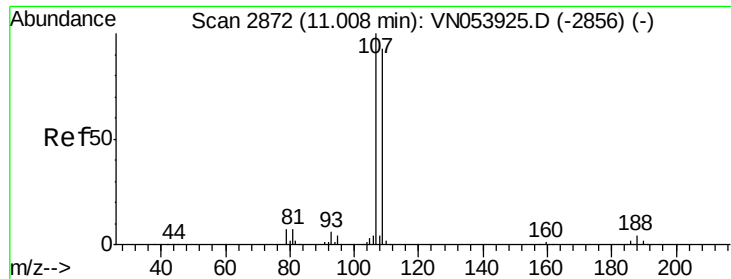
Tgt Ion: 43 Resp: 2195831
Ion Ratio Lower Upper
43 100
58 54.7 29.1 87.4



#60
Dibromochloromethane
Concen: 103.333 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN053926.D
Acq: 25 Feb 2019 13:30

Tgt Ion: 129 Resp: 769958
Ion Ratio Lower Upper
129 100
127 77.3 38.8 116.3

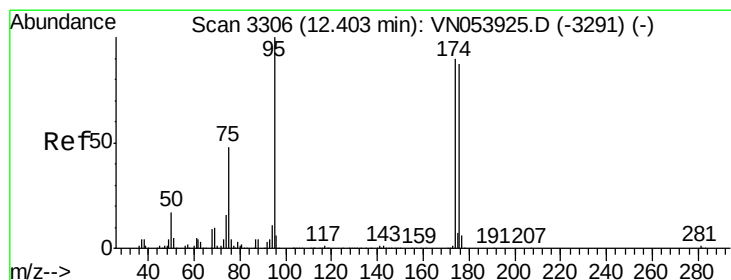
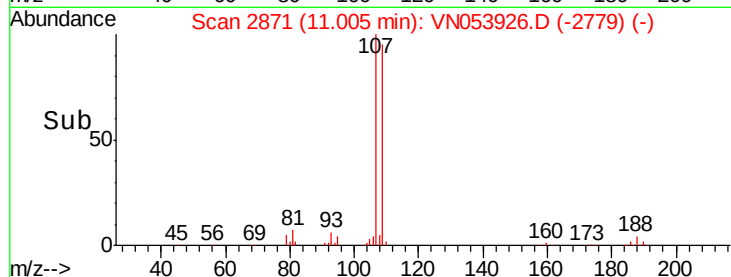
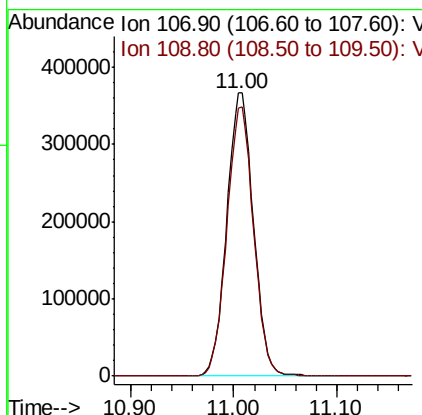
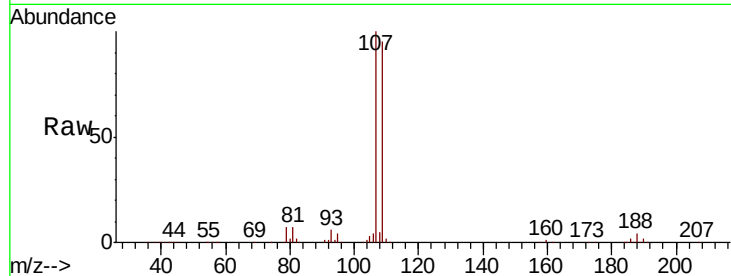




#61
 1,2-Dibromoethane
 Concen: 102.604 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: VN053926.D
 Acq: 25 Feb 2019 13:30

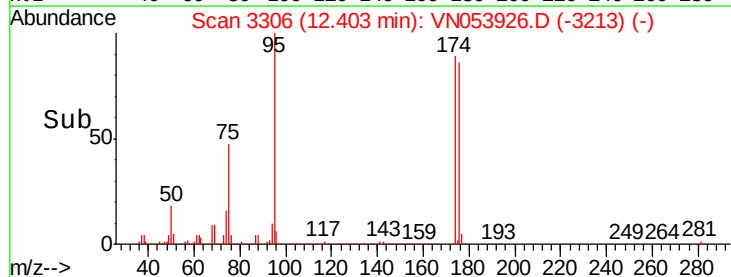
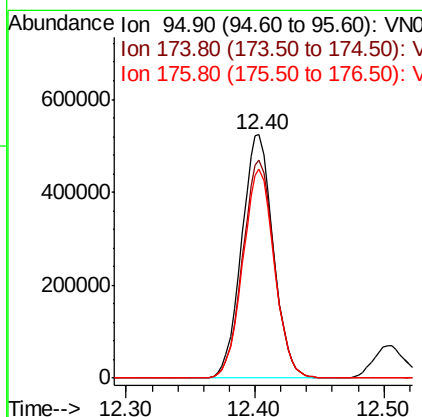
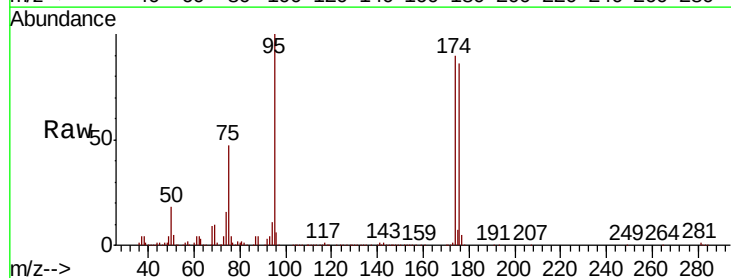
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

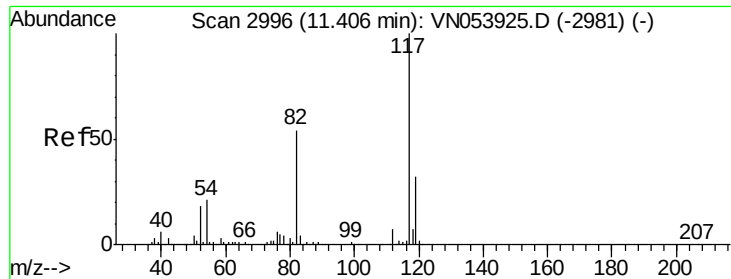
Tgt Ion: 107 Resp: 663605
 Ion Ratio Lower Upper
 107 100
 109 95.0 76.3 114.5



#62
 4-Bromofluorobenzene
 Concen: 104.391 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: VN053926.D
 Acq: 25 Feb 2019 13:30

Tgt Ion: 95 Resp: 893490
 Ion Ratio Lower Upper
 95 100
 174 89.7 0.0 188.8
 176 86.0 0.0 182.6

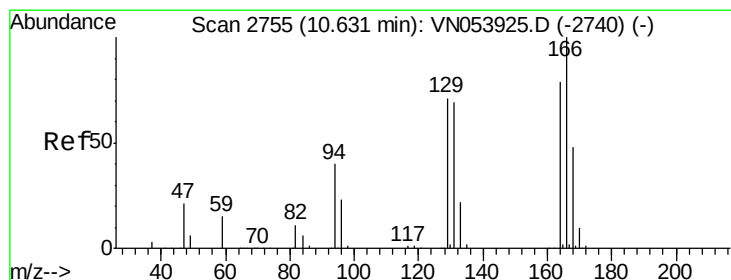
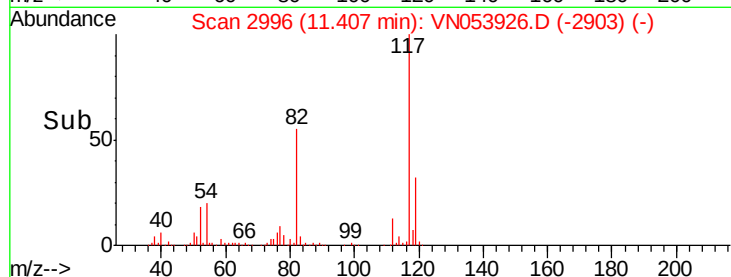
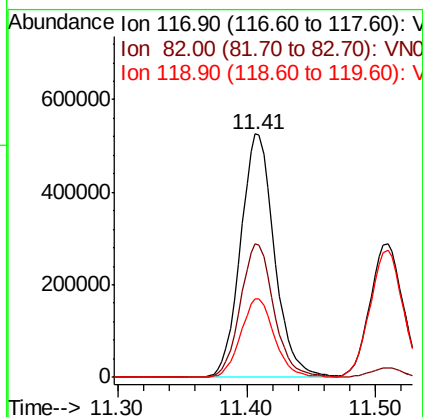
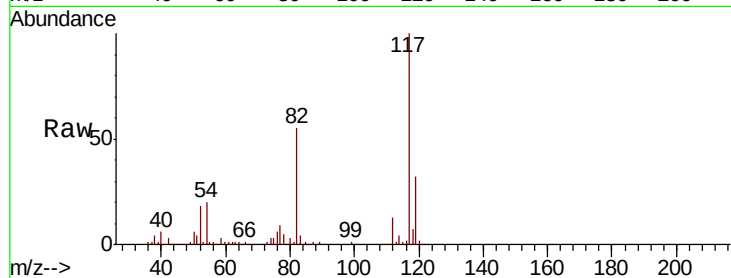




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053926.D
Acq: 25 Feb 2019 13:30

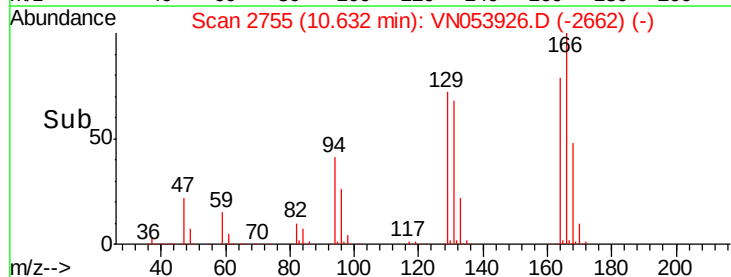
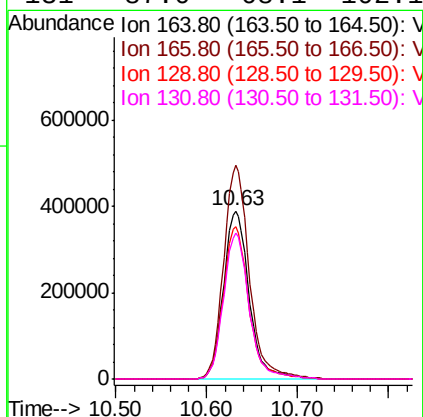
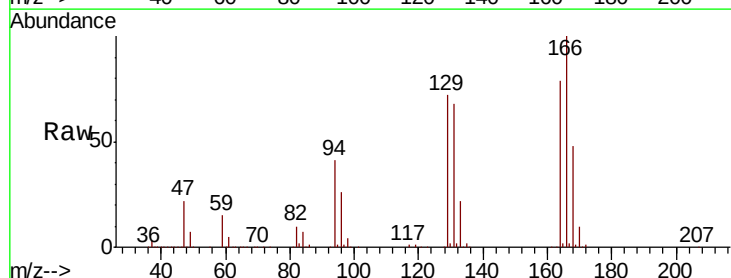
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

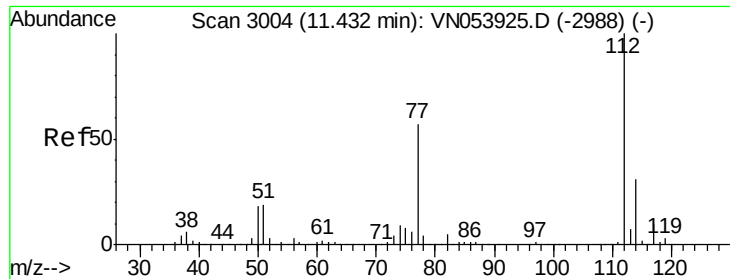
Tgt Ion:117 Resp: 962097
Ion Ratio Lower Upper
117 100
82 54.8 41.4 62.2
119 32.2 25.3 37.9



#64
Tetrachloroethene
Concen: 93.523 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN053926.D
Acq: 25 Feb 2019 13:30

Tgt Ion:164 Resp: 761918
Ion Ratio Lower Upper
164 100
166 127.2 102.6 153.8
129 91.0 69.4 104.0
131 87.0 68.1 102.1

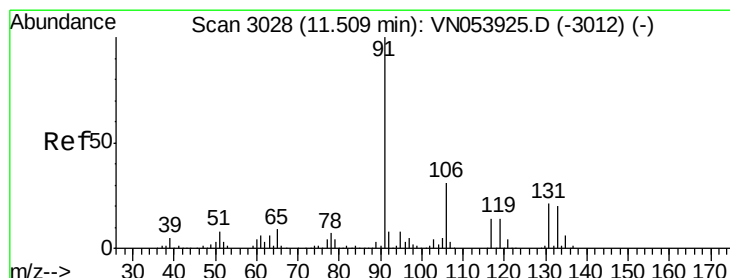
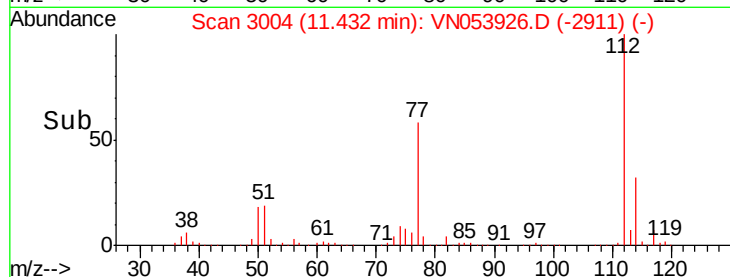
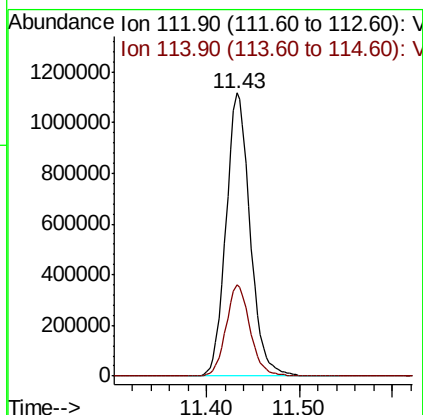
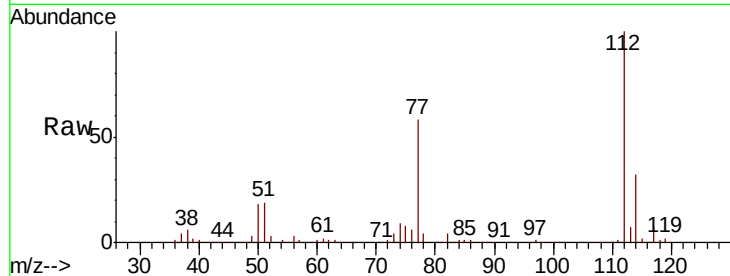




#65
Chlorobenzene
Concen: 98.840 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN053926.D
Acq: 25 Feb 2019 13:30

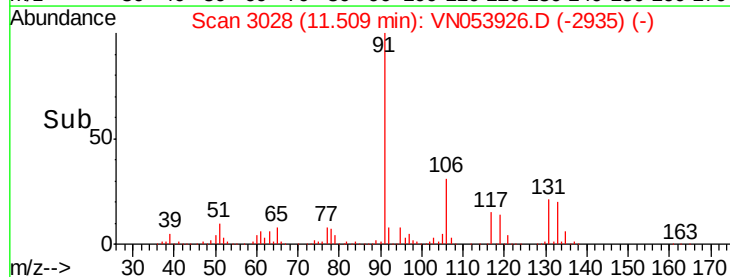
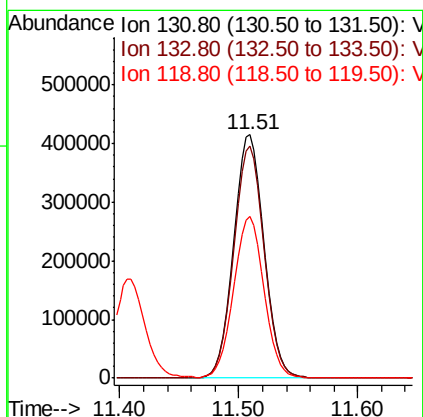
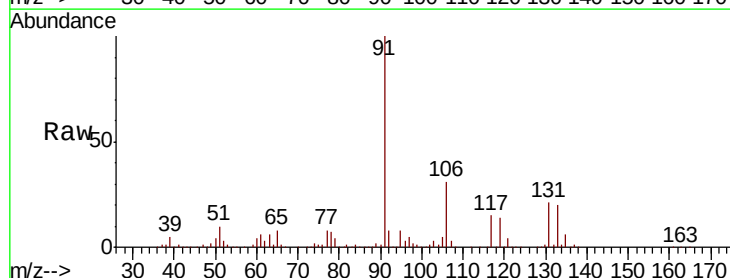
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

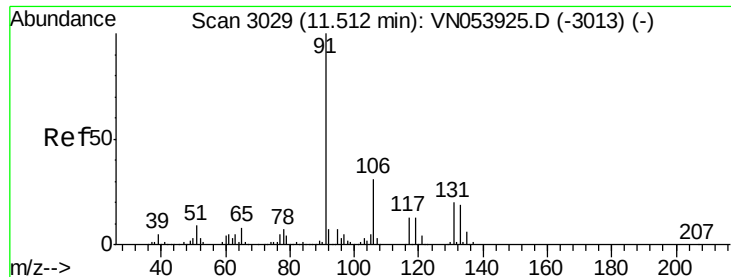
Tgt Ion:112 Resp: 2006930
Ion Ratio Lower Upper
112 100
114 32.2 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 100.274 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN053926.D
Acq: 25 Feb 2019 13:30

Tgt Ion:131 Resp: 733796
Ion Ratio Lower Upper
131 100
133 95.3 47.7 143.1
119 66.5 33.1 99.3

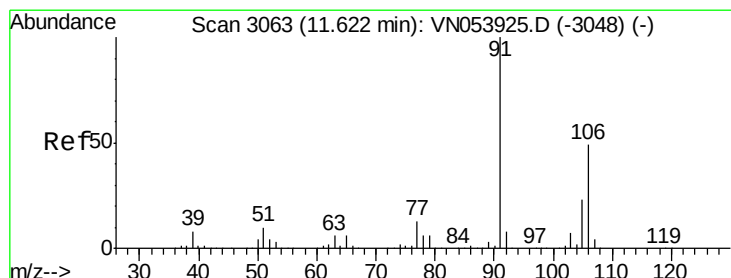
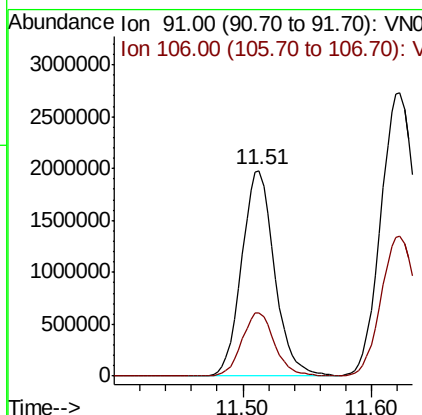
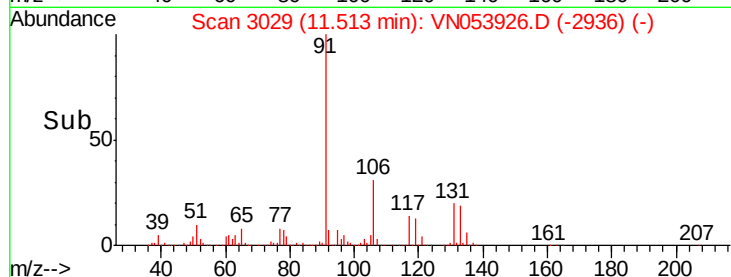
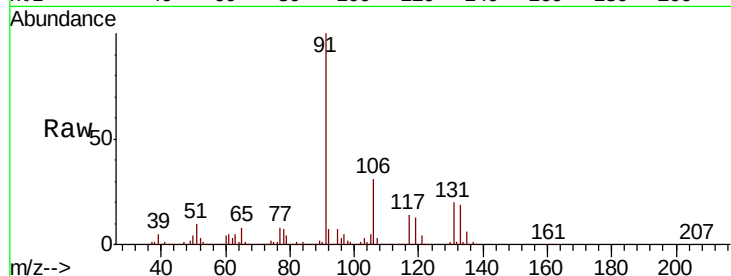




#67
Ethyl Benzene
Concen: 102.997 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN053926.D
Acq: 25 Feb 2019 13:30

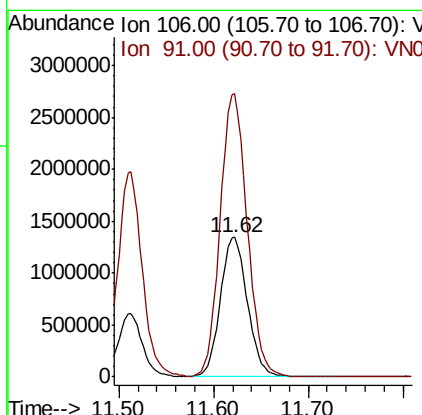
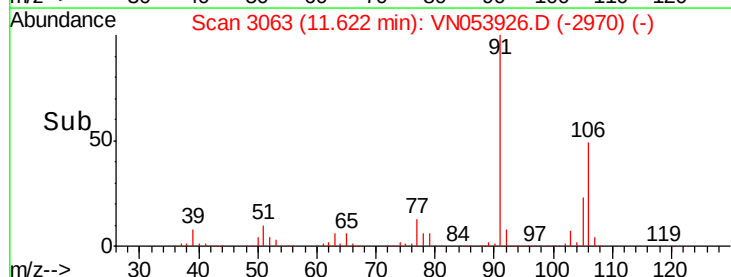
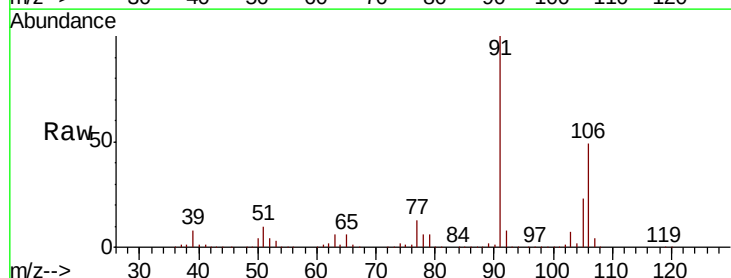
Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

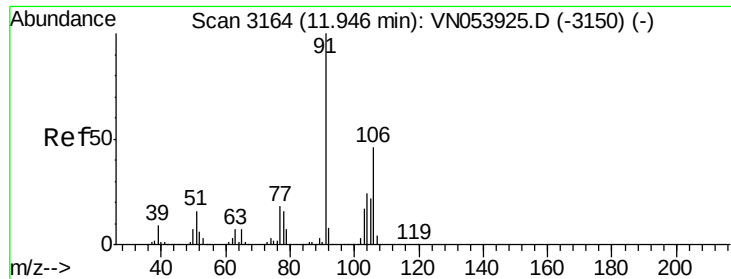
Tgt Ion: 91 Resp: 3505960
Ion Ratio Lower Upper
91 100
106 31.0 25.2 37.8



#68
m/p-Xylenes
Concen: 207.599 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN053926.D
Acq: 25 Feb 2019 13:30

Tgt Ion: 106 Resp: 2667083
Ion Ratio Lower Upper
106 100
91 202.9 158.9 238.3

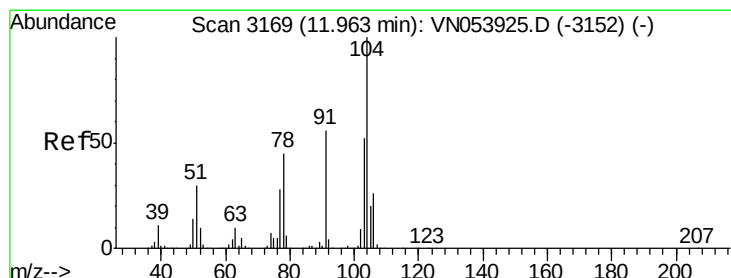
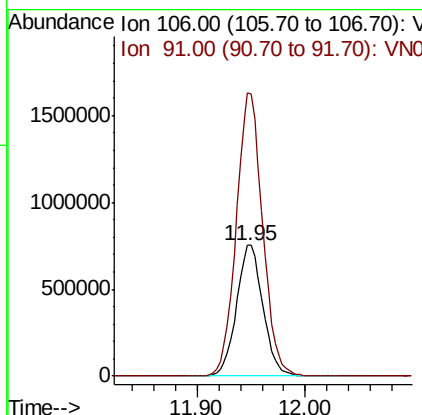
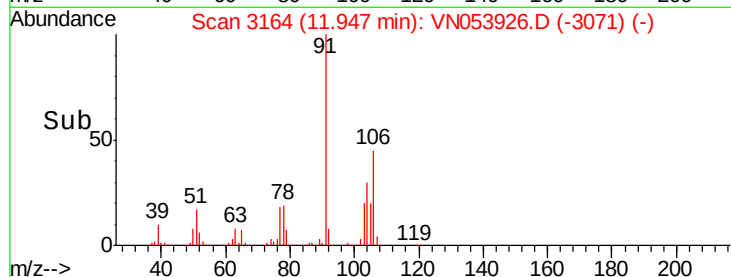
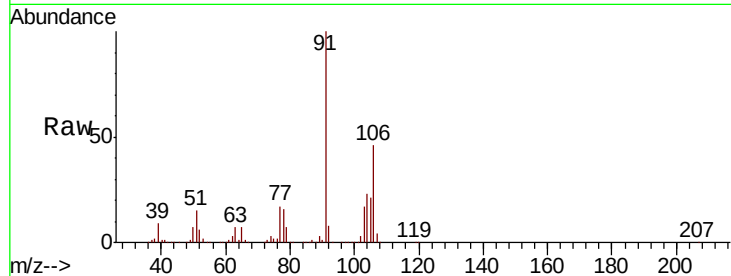




#69
o-Xylene
Concen: 101.924 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. 0.00 min
Lab File: VN053926.D
Acq: 25 Feb 2019 13:30

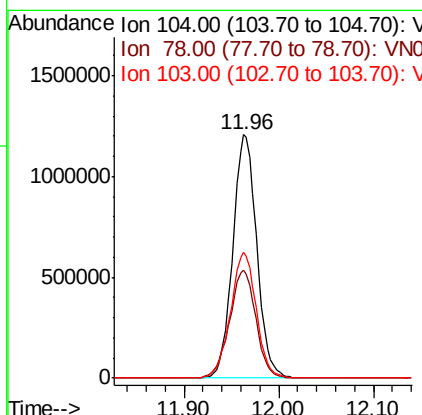
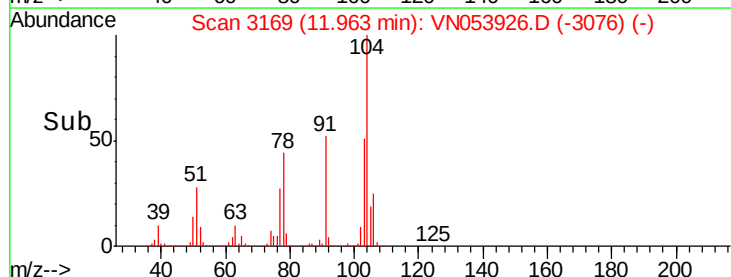
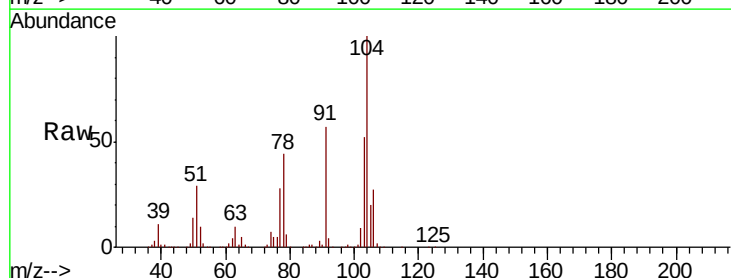
Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

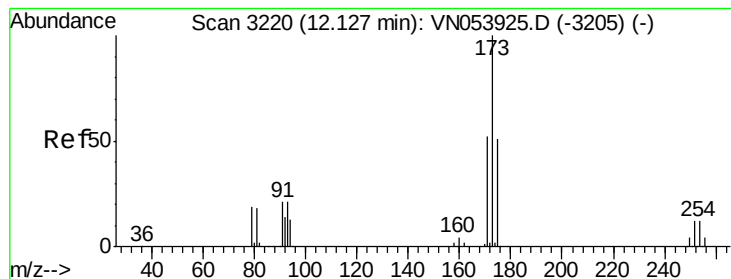
Tgt Ion:106 Resp: 1286628
Ion Ratio Lower Upper
106 100
91 215.7 106.0 318.0



#70
Styrene
Concen: 109.119 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. 0.00 min
Lab File: VN053926.D
Acq: 25 Feb 2019 13:30

Tgt Ion:104 Resp: 2118674
Ion Ratio Lower Upper
104 100
78 48.7 38.1 57.1
103 55.4 44.6 67.0





#71

Bromoform

Concen: 105.552 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. 0.00 min

Lab File: VN053926.D

Acq: 25 Feb 2019 13:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

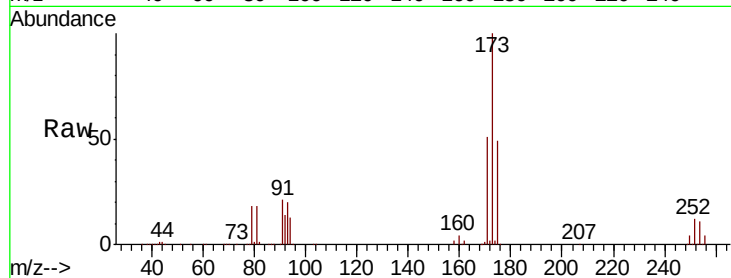
Tgt Ion:173 Resp: 537361

Ion Ratio Lower Upper

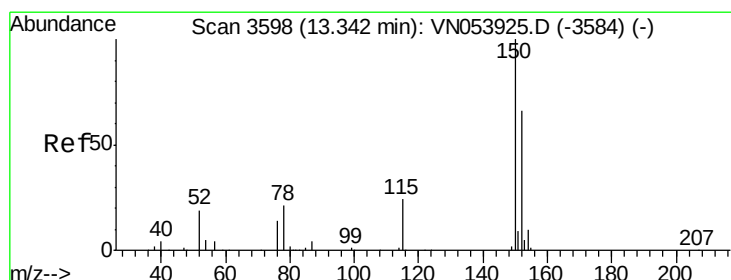
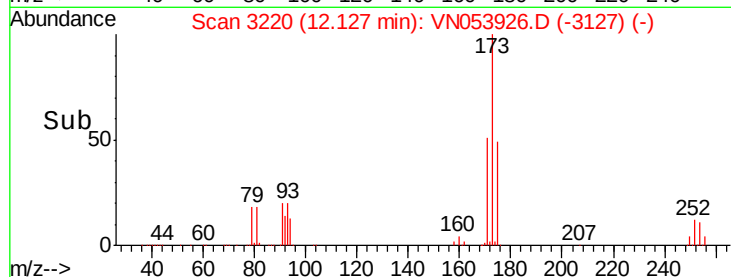
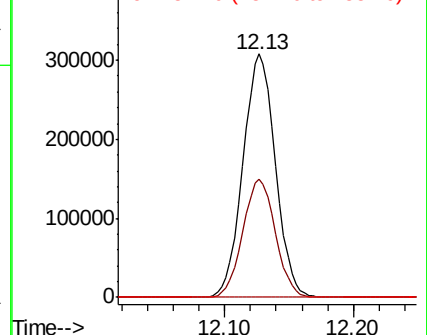
173 100

175 48.7 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: VN053926.D

Acq: 25 Feb 2019 13:30

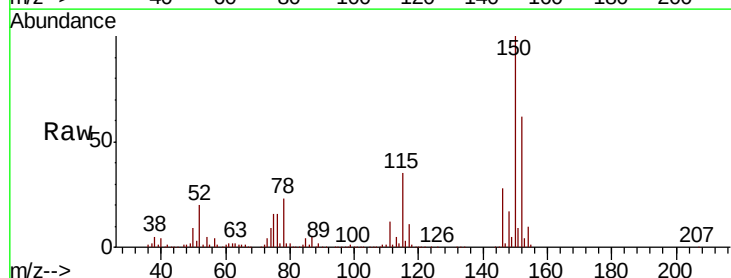
Tgt Ion:152 Resp: 461052

Ion Ratio Lower Upper

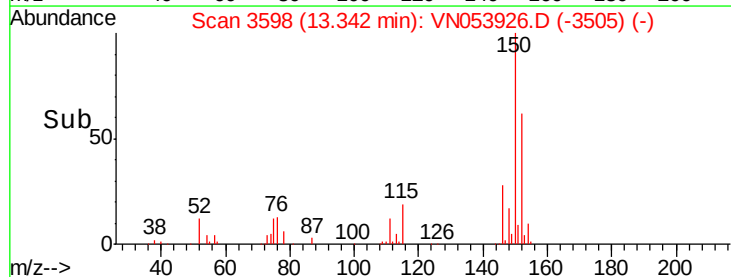
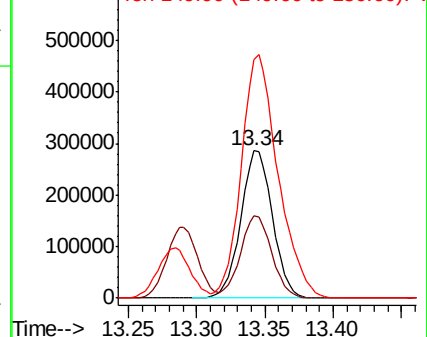
152 100

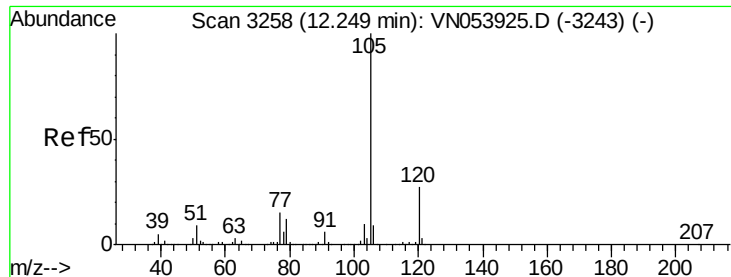
115 55.1 27.2 81.6

150 191.6 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: 93.815 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. 0.00 min

Lab File: VN053926.D

Acq: 25 Feb 2019 13:30

Instrument :

MSVOA_N

ClientSampleId :

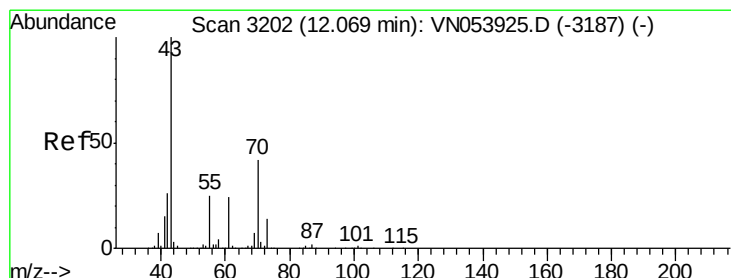
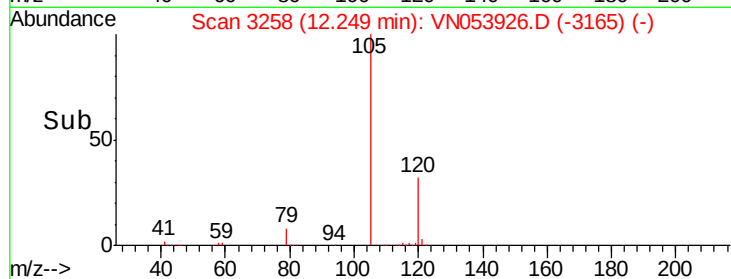
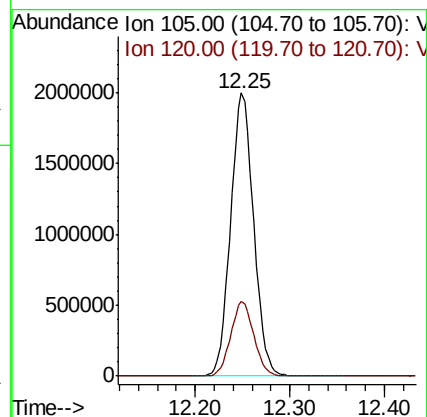
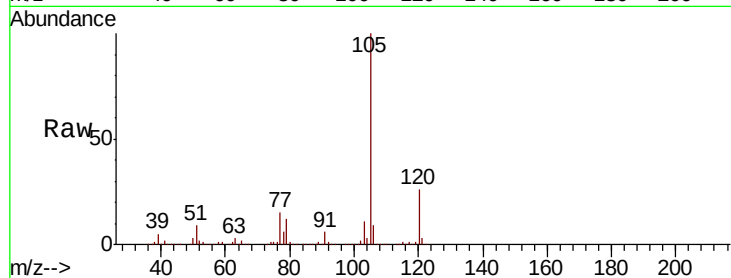
VSTDIC100

Tgt Ion:105 Resp: 3367016

Ion Ratio Lower Upper

105 100

120 26.4 13.5 40.5



#74

N-ethyl acetate

Concen: 106.005 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN053926.D

Acq: 25 Feb 2019 13:30

Tgt Ion: 43 Resp: 997140

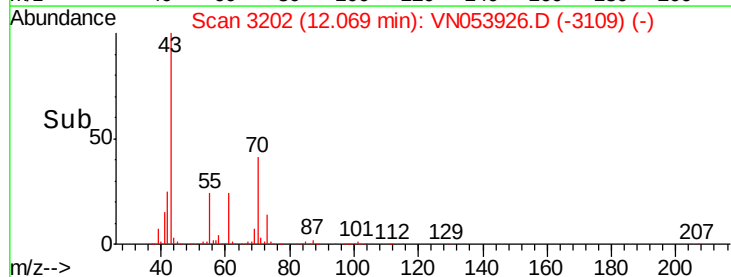
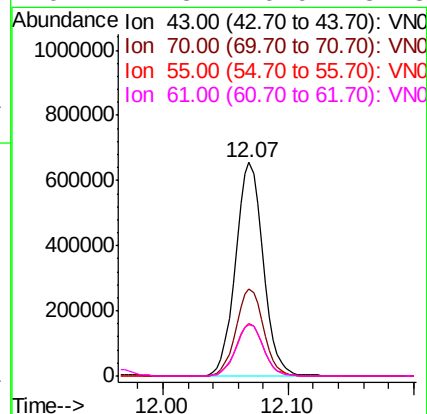
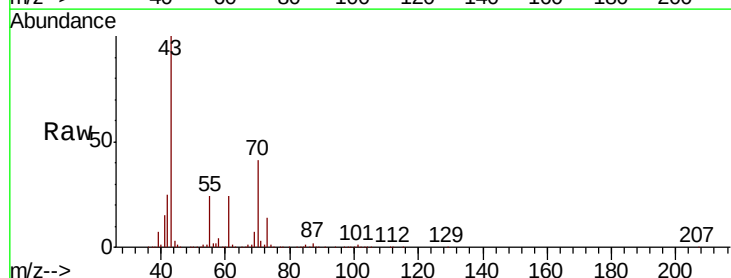
Ion Ratio Lower Upper

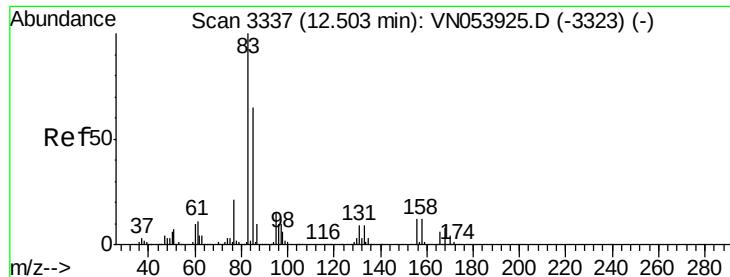
43 100

70 41.1 37.4 56.2

55 24.7 21.4 32.0

61 24.3 20.9 31.3





#75

1,1,2,2-Tetrachloroethane

Concen: 92.476 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN053926.D

Acq: 25 Feb 2019 13:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

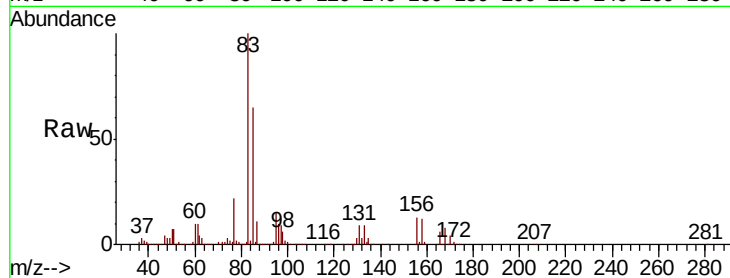
Tgt Ion: 83 Resp: 829958

Ion Ratio Lower Upper

83 100

131 10.0 5.3 16.1

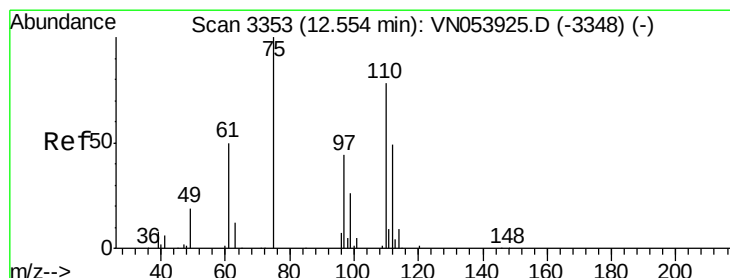
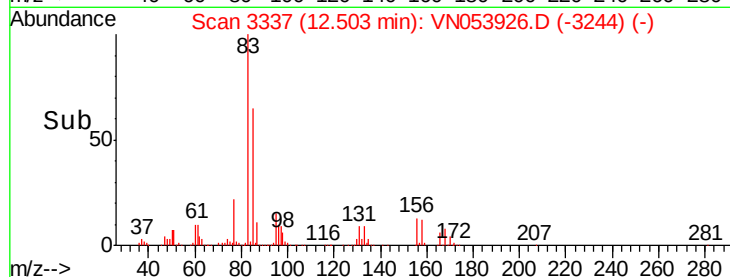
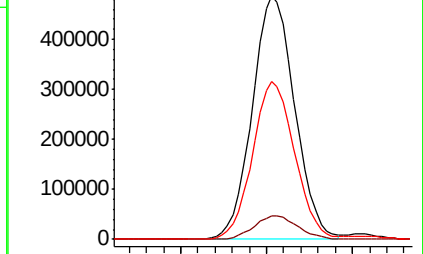
85 64.4 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VN053926.D (-3323) (-)

Ion 130.80 (130.50 to 131.50): VN053926.D (-3323) (-)

Ion 84.90 (84.60 to 85.60): VN053926.D (-3323) (-)



#76

1,2,3-Trichloropropane

Concen: 141.494 ug/l

RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

Lab File: VN053926.D

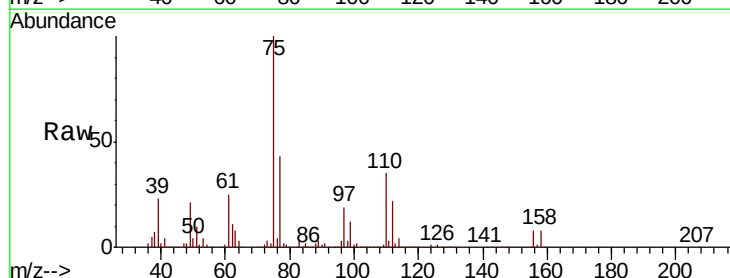
Acq: 25 Feb 2019 13:30

Tgt Ion: 75 Resp: 1046501

Ion Ratio Lower Upper

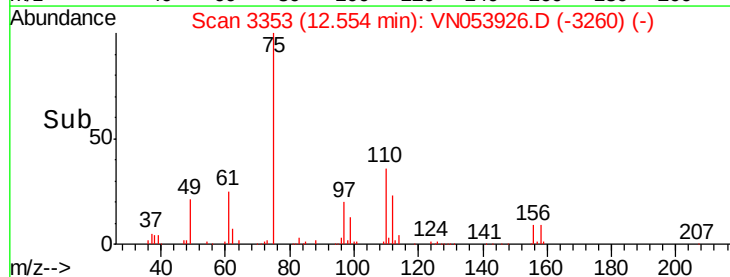
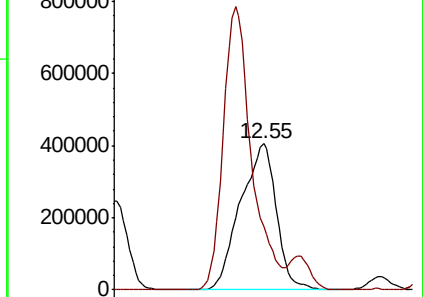
75 100

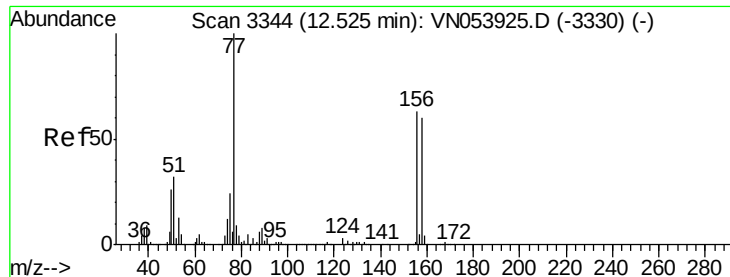
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN053926.D (-3353) (-)

Ion 77.00 (76.70 to 77.70): VN053926.D (-3353) (-)





#77

Bromobenzene

Concen: 95.068 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. 0.00 min

Lab File: VN053926.D

Acq: 25 Feb 2019 13:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

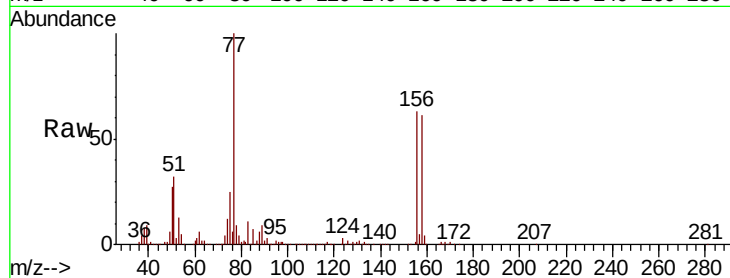
Tgt Ion:156 Resp: 866272

Ion Ratio Lower Upper

156 100

77 186.0 84.0 252.2

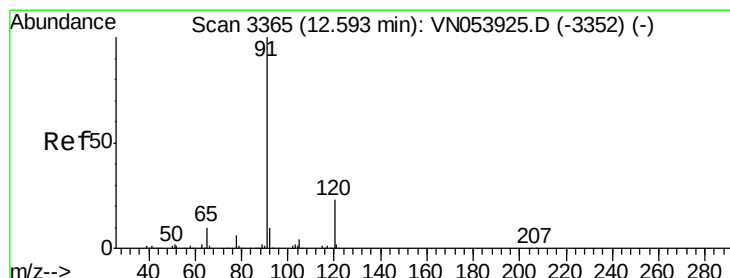
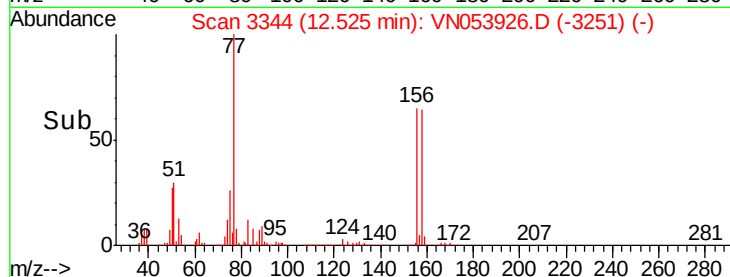
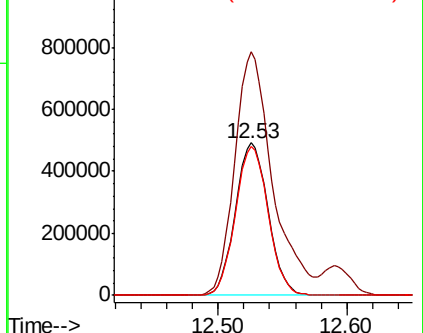
158 97.8 48.5 145.6



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: 97.362 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN053926.D

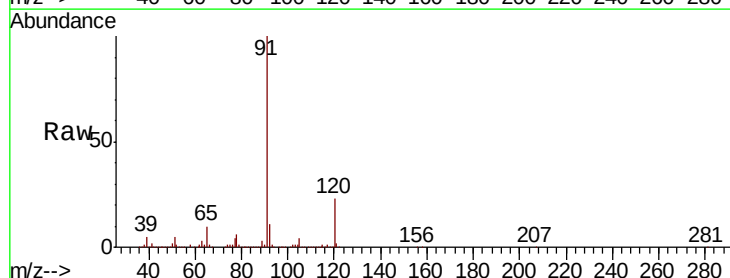
Acq: 25 Feb 2019 13:30

Tgt Ion: 91 Resp: 3973921

Ion Ratio Lower Upper

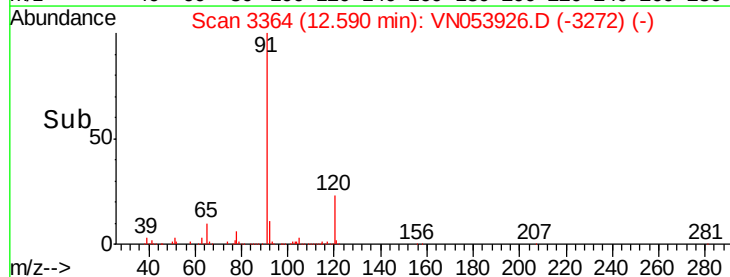
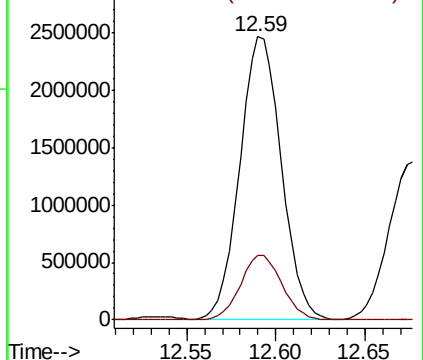
91 100

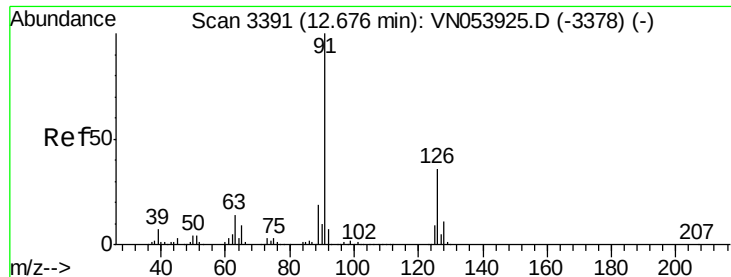
120 22.9 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 94.804 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN053926.D

Acq: 25 Feb 2019 13:30

Instrument :

MSVOA_N

ClientSampleId :

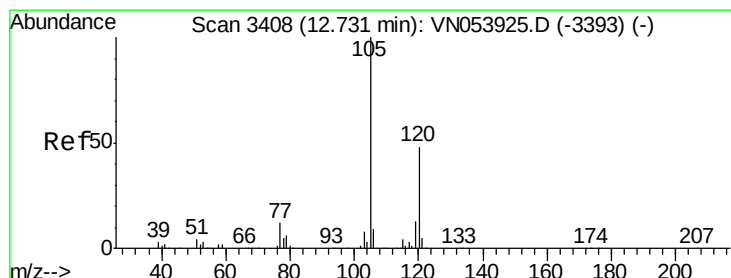
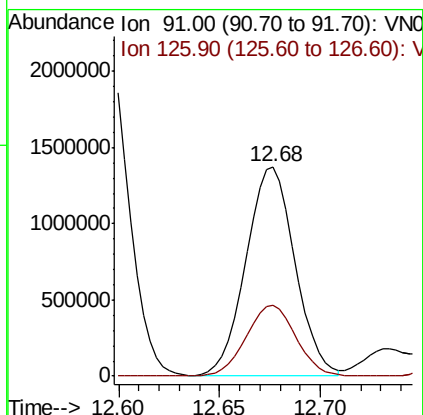
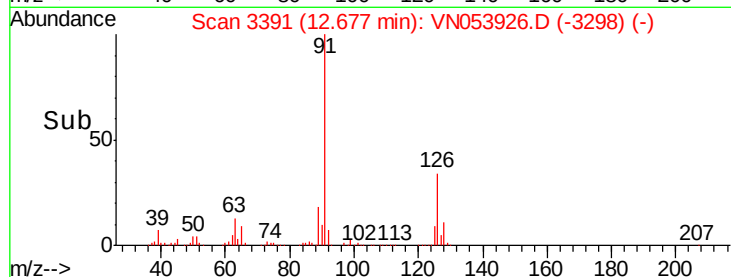
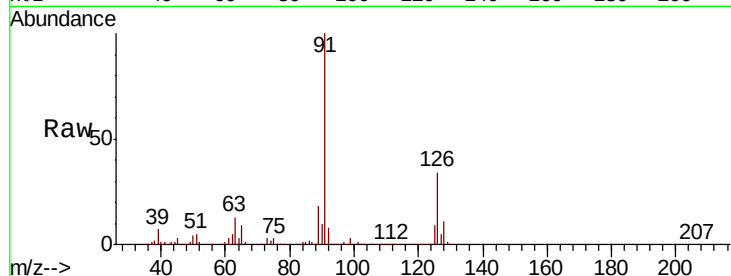
VSTDIC100

Tgt Ion: 91 Resp: 2324522

Ion Ratio Lower Upper

91 100

126 34.6 18.1 54.4



#80

1,3,5-Trimethylbenzene

Concen: 96.744 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN053926.D

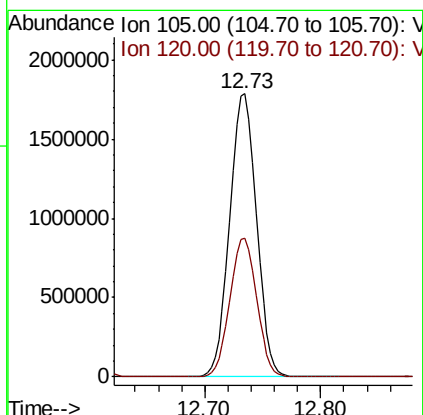
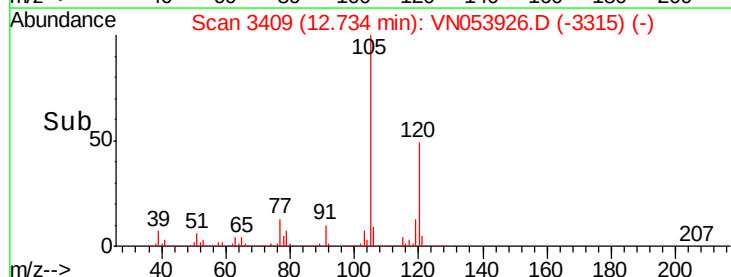
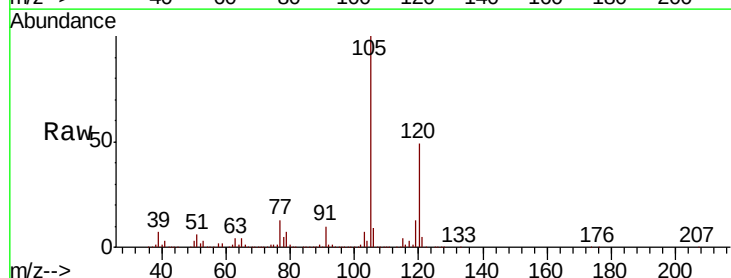
Acq: 25 Feb 2019 13:30

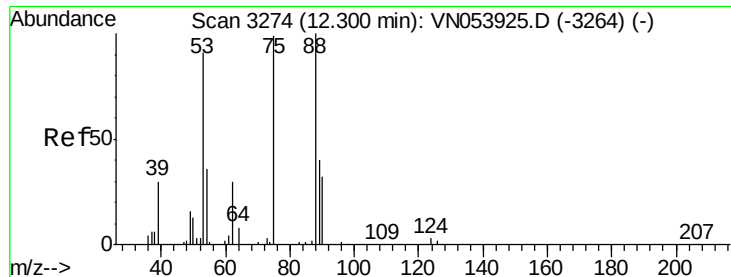
Tgt Ion: 105 Resp: 2842500

Ion Ratio Lower Upper

105 100

120 49.0 25.1 75.2





#81

trans-1,4-Dichloro-2-butene

Concen: 104.606 ug/l

RT: 12.30 min Scan# 3274

Delta R.T. 0.00 min

Lab File: VN053926.D

Acq: 25 Feb 2019 13:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

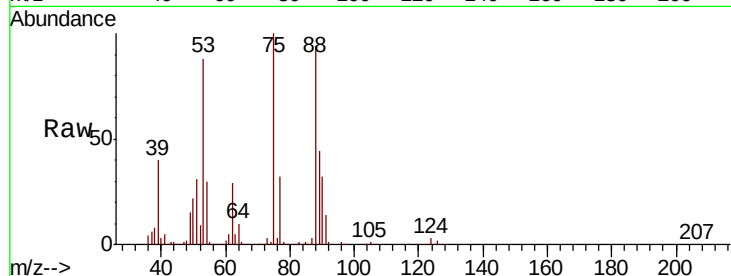
Tgt Ion: 75 Resp: 244785

Ion Ratio Lower Upper

75 100

53 90.4 68.6 102.8

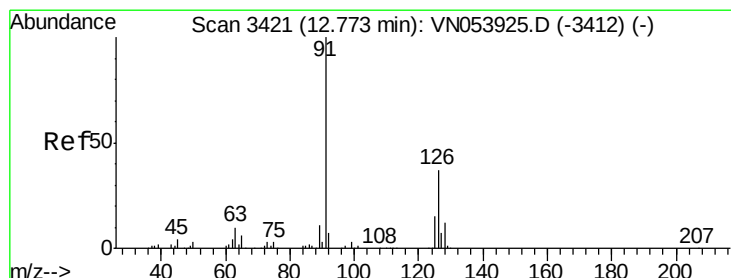
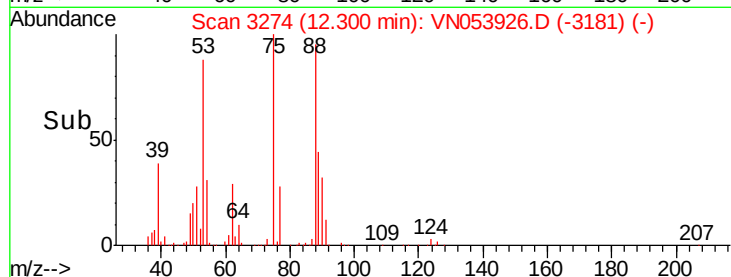
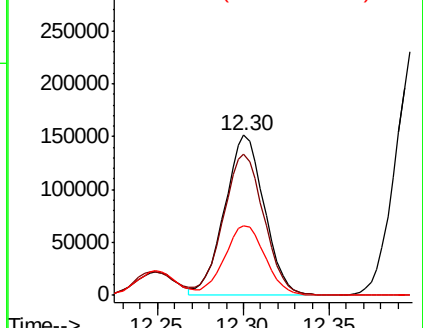
89 44.7 35.3 52.9



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 97.691 ug/l

RT: 12.77 min Scan# 3421

Delta R.T. 0.00 min

Lab File: VN053926.D

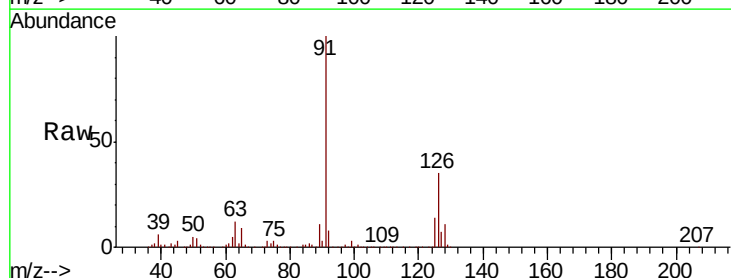
Acq: 25 Feb 2019 13:30

Tgt Ion: 91 Resp: 2367361

Ion Ratio Lower Upper

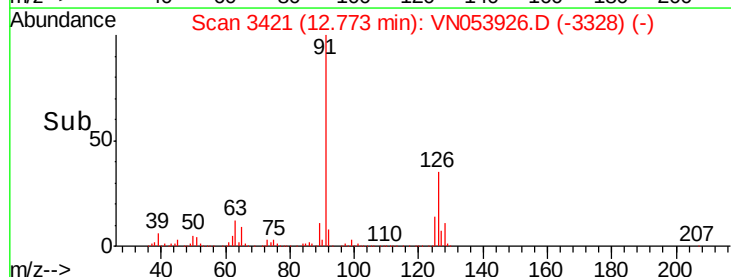
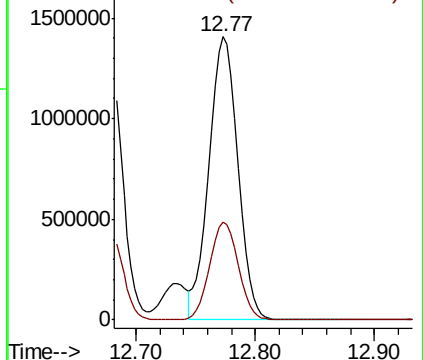
91 100

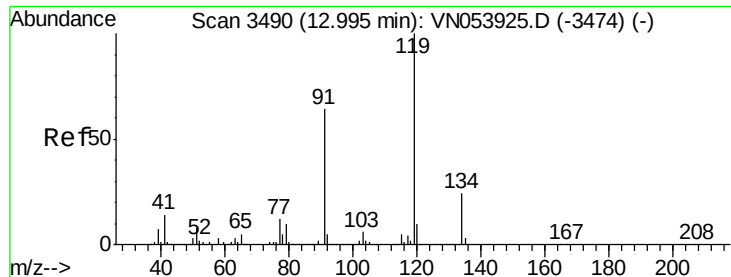
126 34.3 18.0 54.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

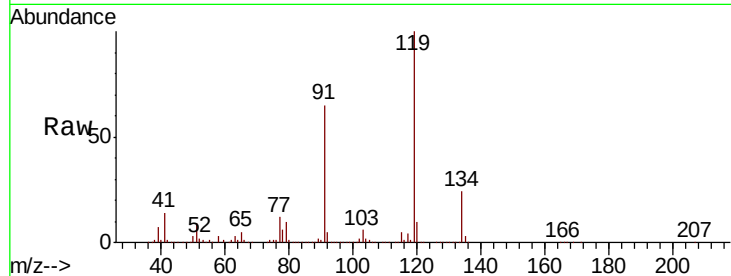




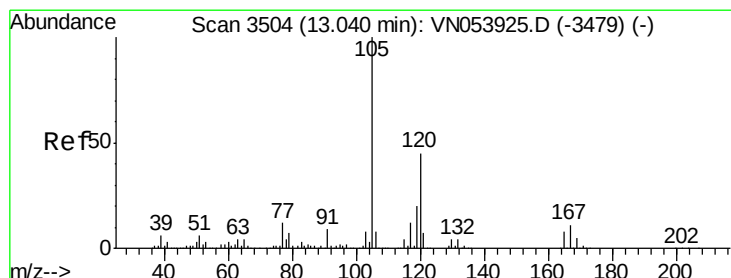
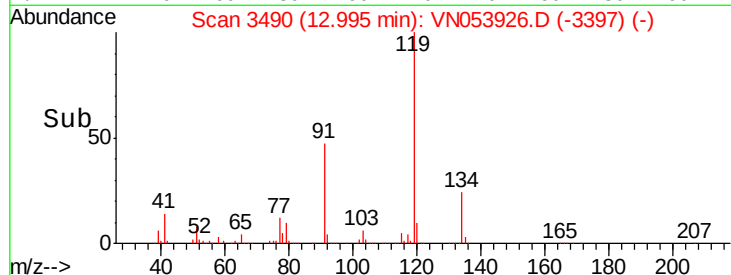
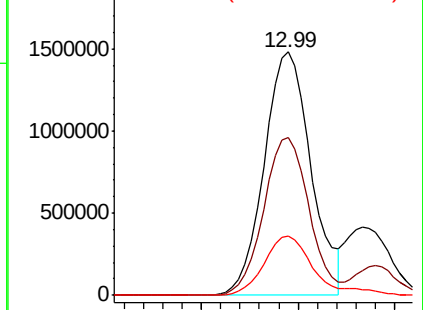
#83
 tert-Butylbenzene
 Concen: 95.976 ug/l
 RT: 12.99 min Scan# 3490
 Delta R.T. 0.00 min
 Lab File: VN053926.D
 Acq: 25 Feb 2019 13:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tgt Ion:119 Resp: 2494063
 Ion Ratio Lower Upper
 119 100
 91 63.3 30.6 91.8
 134 25.8 13.0 39.0

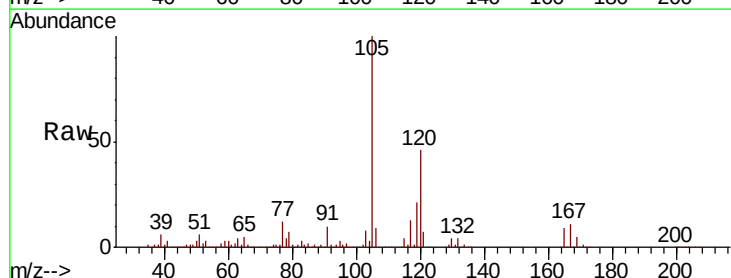


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

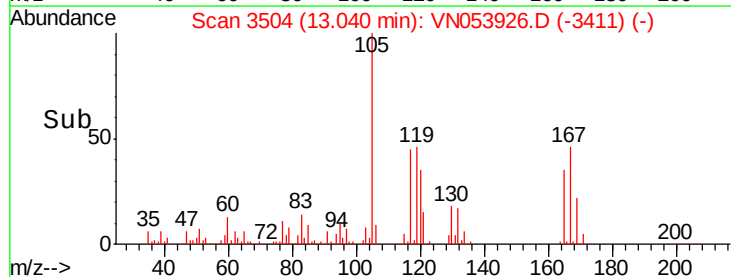
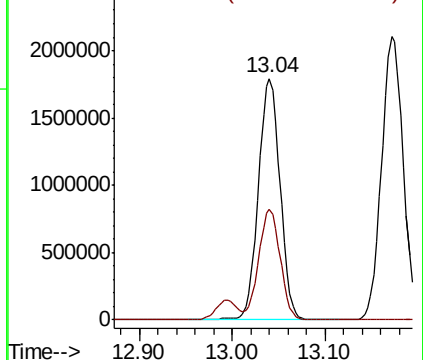


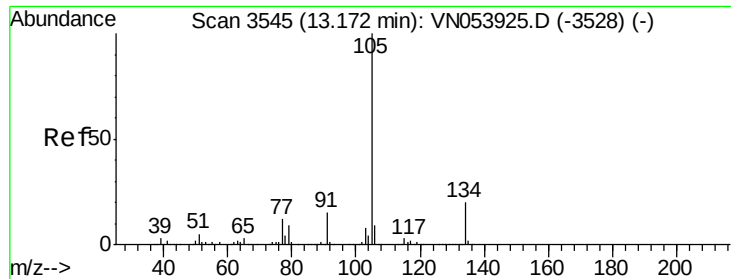
#84
 1,2,4-Trimethylbenzene
 Concen: 99.367 ug/l
 RT: 13.04 min Scan# 3504
 Delta R.T. 0.00 min
 Lab File: VN053926.D
 Acq: 25 Feb 2019 13:30

Tgt Ion:105 Resp: 2914740
 Ion Ratio Lower Upper
 105 100
 120 45.5 23.2 69.5



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 95.503 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN053926.D

Acq: 25 Feb 2019 13:30

Instrument :

MSVOA_N

ClientSampleId :

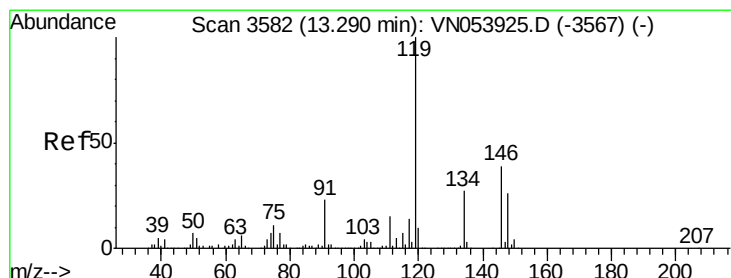
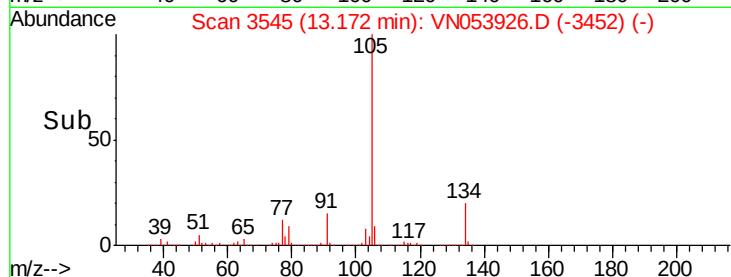
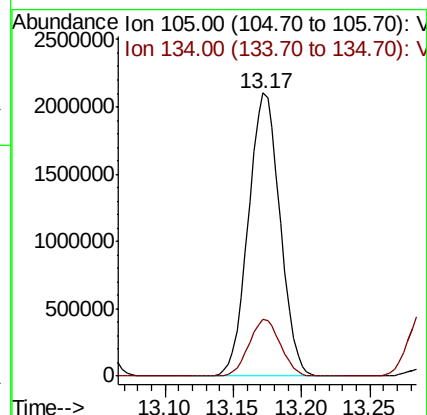
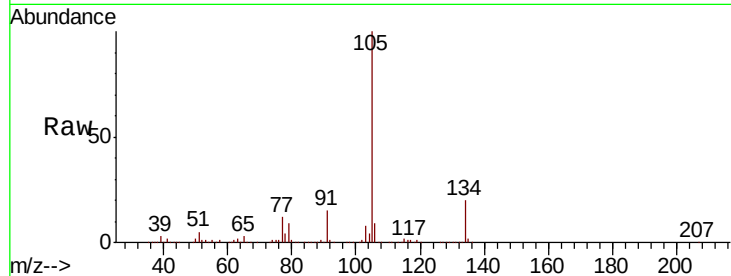
VSTDIC100

Tgt Ion:105 Resp: 3389679

Ion Ratio Lower Upper

105 100

134 20.1 10.4 31.1



#86

p-Isopropyltoluene

Concen: 98.606 ug/l

RT: 13.29 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN053926.D

Acq: 25 Feb 2019 13:30

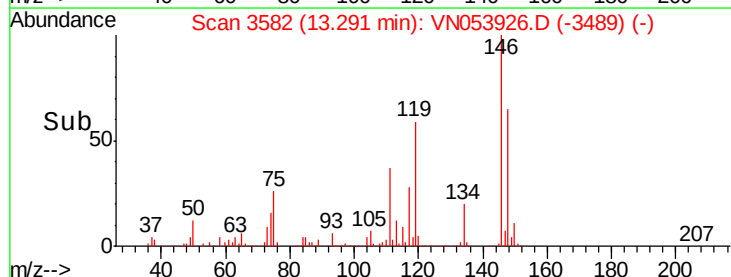
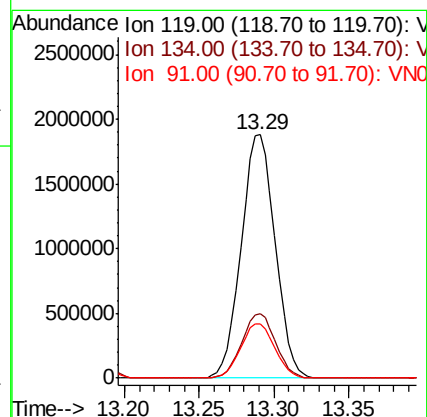
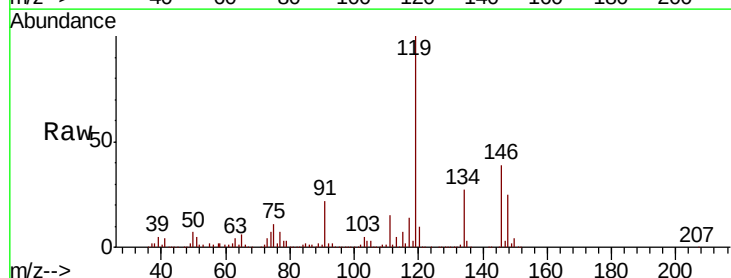
Tgt Ion:119 Resp: 2958672

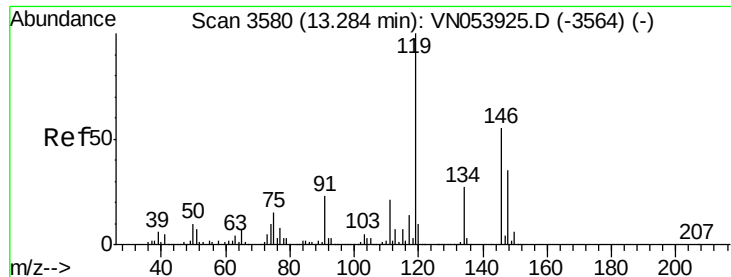
Ion Ratio Lower Upper

119 100

134 26.5 13.5 40.4

91 22.5 10.9 32.6





#87

1,3-Dichlorobenzene

Concen: 97.883 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. 0.00 min

Lab File: VN053926.D

Acq: 25 Feb 2019 13:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

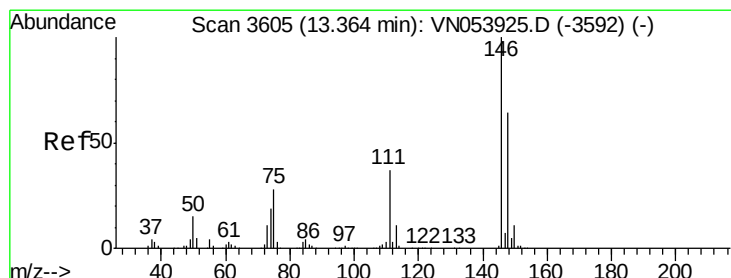
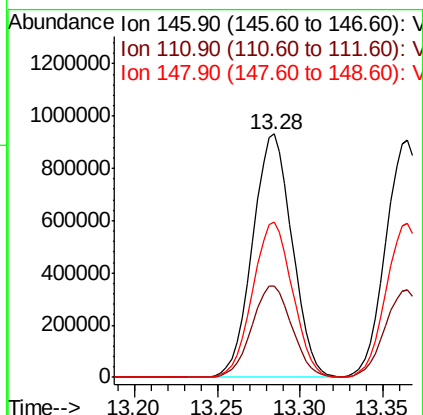
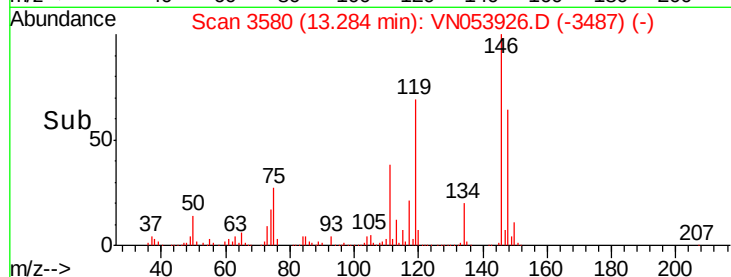
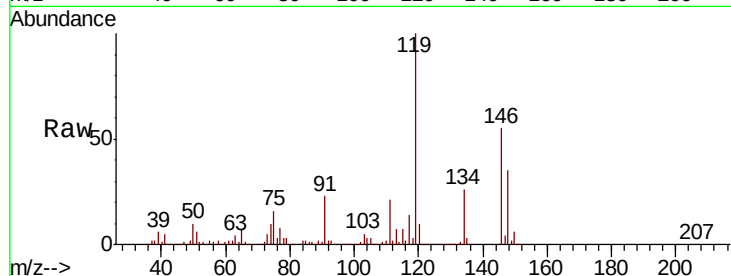
Tgt Ion:146 Resp: 1542939

Ion Ratio Lower Upper

146 100

111 38.0 18.7 56.1

148 64.3 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 99.071 ug/l

RT: 13.36 min Scan# 3605

Delta R.T. 0.00 min

Lab File: VN053926.D

Acq: 25 Feb 2019 13:30

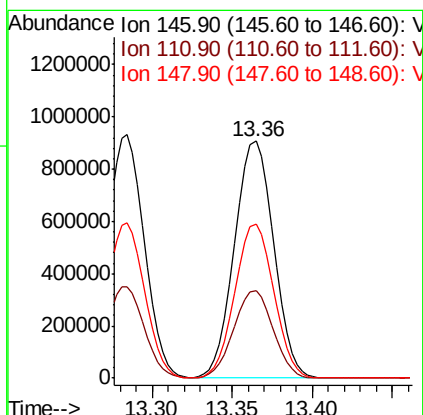
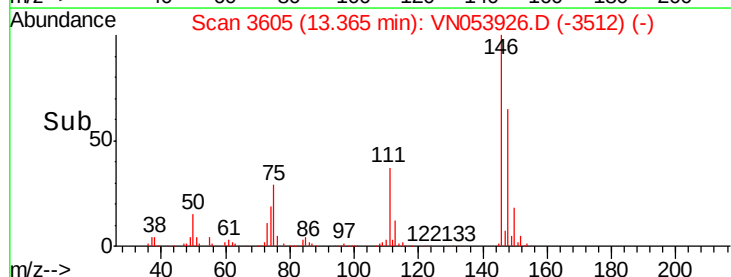
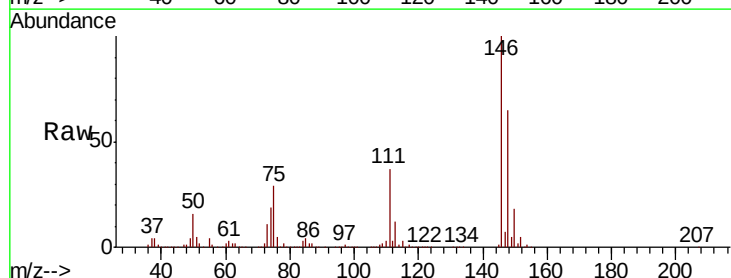
Tgt Ion:146 Resp: 1515092

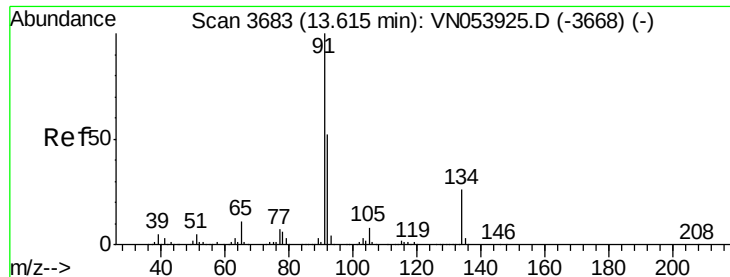
Ion Ratio Lower Upper

146 100

111 37.0 18.0 54.0

148 64.4 32.1 96.5





#89

n-Butylbenzene

Concen: 104.787 ug/l

RT: 13.62 min Scan# 3683

Delta R.T. 0.00 min

Lab File: VN053926.D

Acq: 25 Feb 2019 13:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

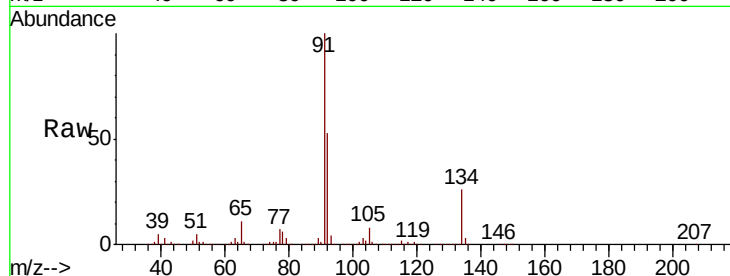
Tgt Ion: 91 Resp: 2649748

Ion Ratio Lower Upper

91 100

92 52.4 26.1 78.2

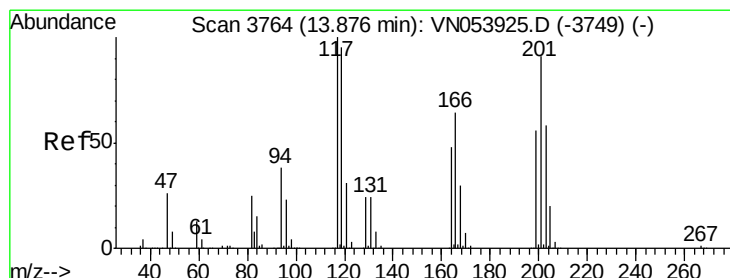
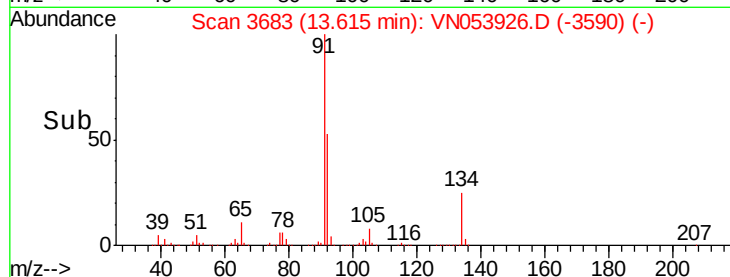
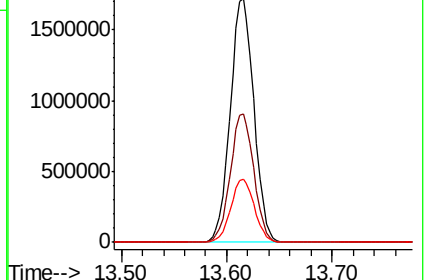
134 25.9 13.6 40.8



Abundance Ion 91.00 (90.70 to 91.70): VN053926.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN053926.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN053926.D (-3668) (-)



#90

Hexachloroethane

Concen: 94.291 ug/l

RT: 13.88 min Scan# 3764

Delta R.T. 0.00 min

Lab File: VN053926.D

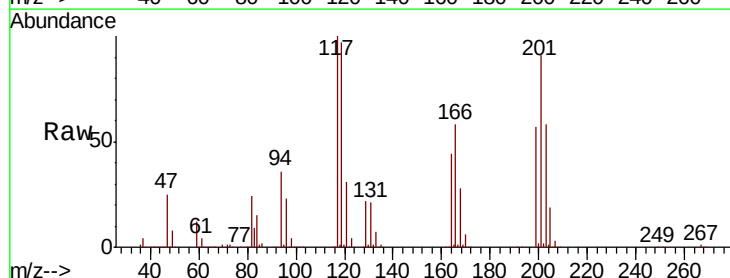
Acq: 25 Feb 2019 13:30

Tgt Ion: 117 Resp: 548245

Ion Ratio Lower Upper

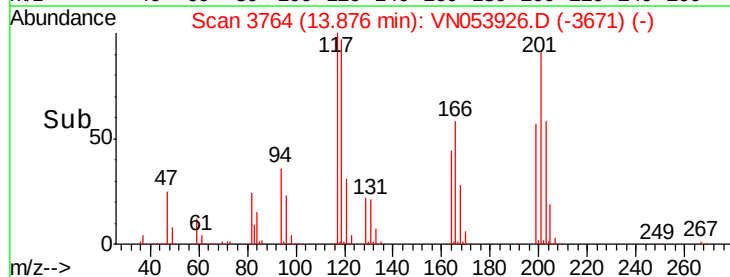
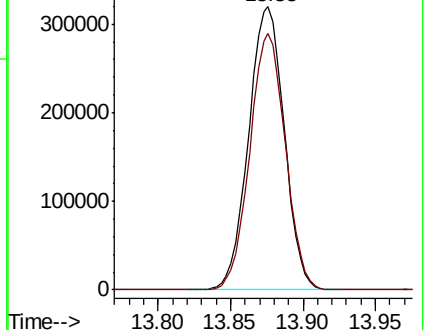
117 100

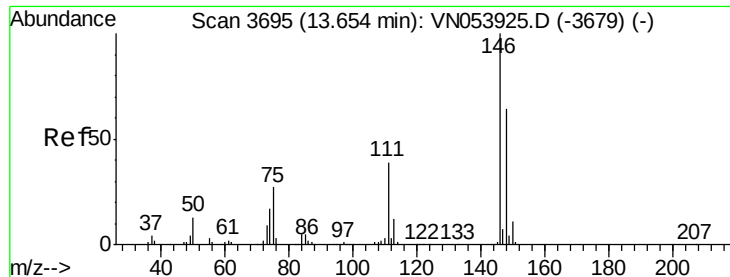
201 90.1 48.0 144.2



Abundance Ion 116.80 (116.50 to 117.50): VN053926.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN053926.D (-3749) (-)

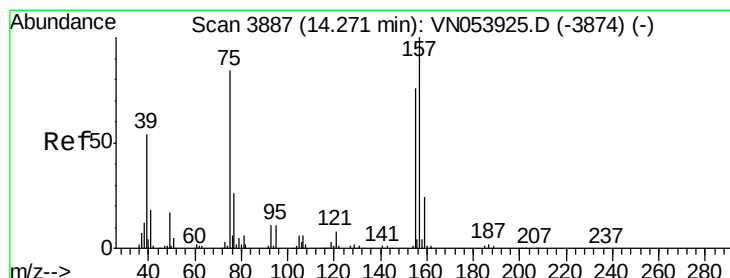
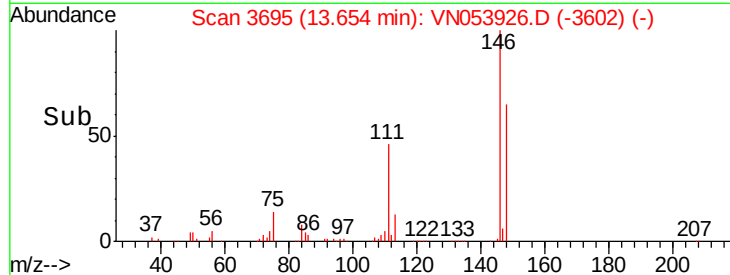
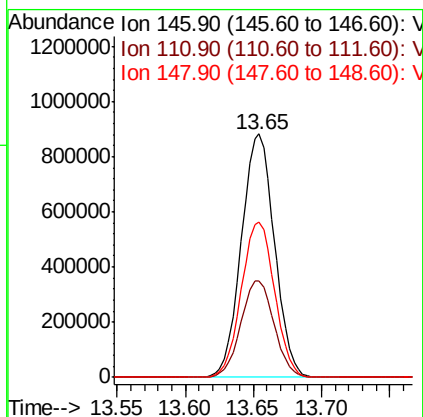
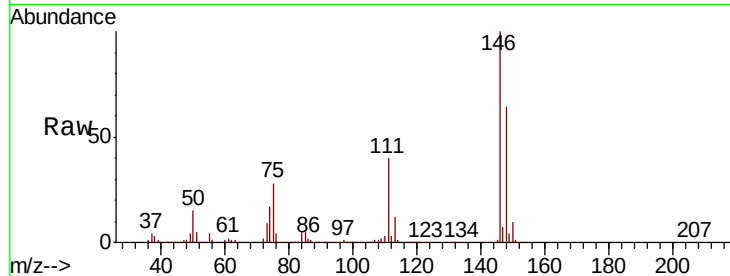




#91
 1,2-Dichlorobenzene
 Concen: 97.166 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN053926.D
 Acq: 25 Feb 2019 13:30

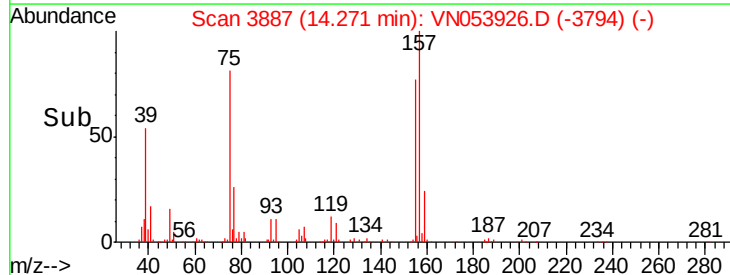
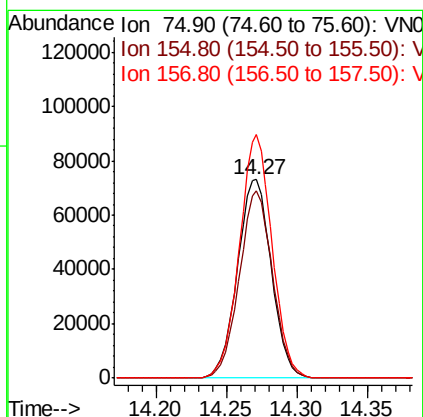
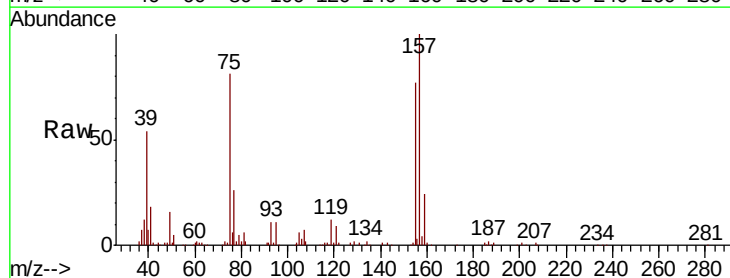
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

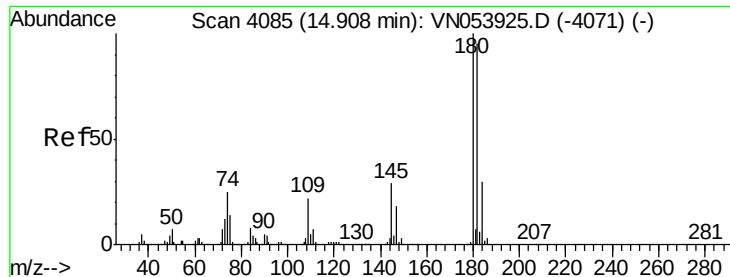
Tgt Ion:146 Resp: 1482651
 Ion Ratio Lower Upper
 146 100
 111 39.8 19.1 57.5
 148 64.4 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 97.305 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. 0.00 min
 Lab File: VN053926.D
 Acq: 25 Feb 2019 13:30

Tgt Ion: 75 Resp: 123411
 Ion Ratio Lower Upper
 75 100
 155 92.0 49.5 148.5
 157 117.4 64.8 194.6

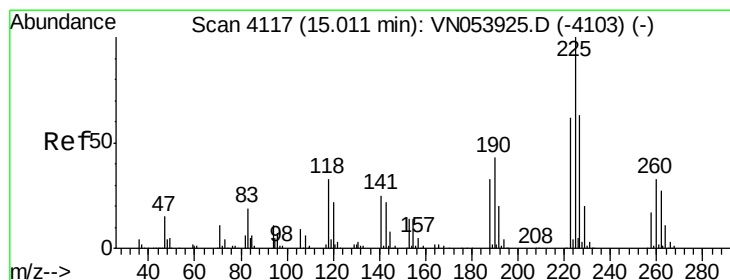
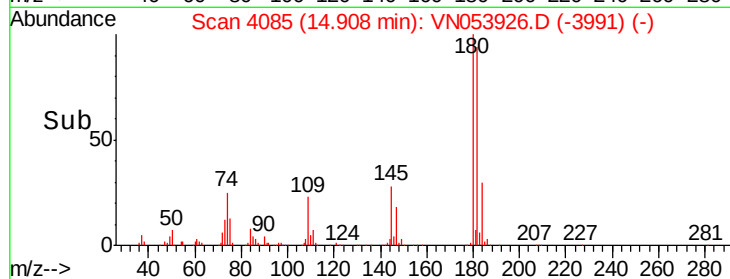
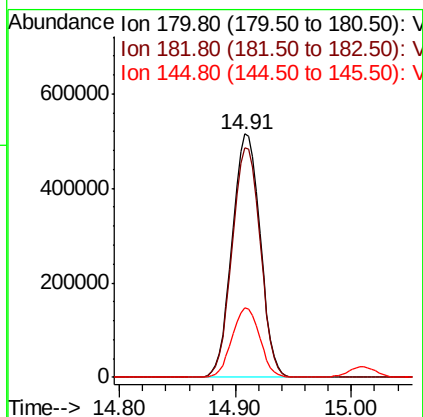
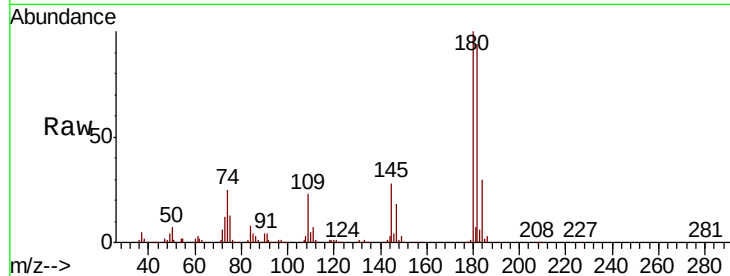




#93
 1,2,4-Trichlorobenzene
 Concen: 99.426 ug/l
 RT: 14.91 min Scan# 4085
 Delta R.T. 0.00 min
 Lab File: VN053926.D
 Acq: 25 Feb 2019 13:30

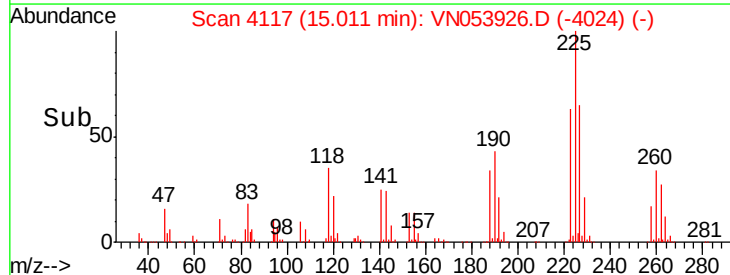
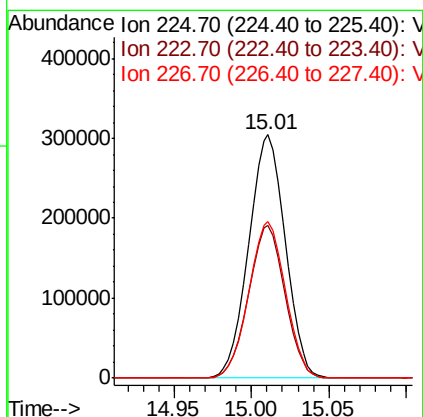
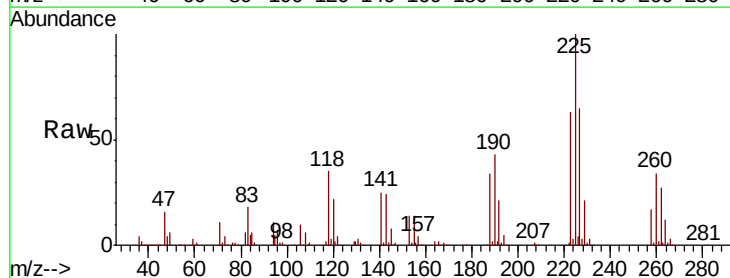
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

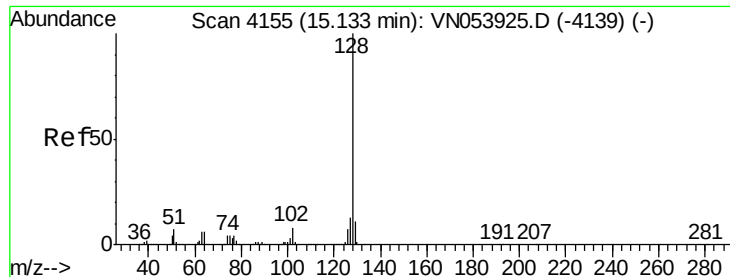
Tgt Ion:180 Resp: 862057
 Ion Ratio Lower Upper
 180 100
 182 95.0 48.6 145.9
 145 28.2 13.8 41.3



#94
 Hexachlorobutadiene
 Concen: 91.181 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. 0.00 min
 Lab File: VN053926.D
 Acq: 25 Feb 2019 13:30

Tgt Ion:225 Resp: 502581
 Ion Ratio Lower Upper
 225 100
 223 62.4 30.9 92.5
 227 64.4 32.5 97.4





#95

Naphthalene

Concen: 98.396 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053926.D

Acq: 25 Feb 2019 13:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

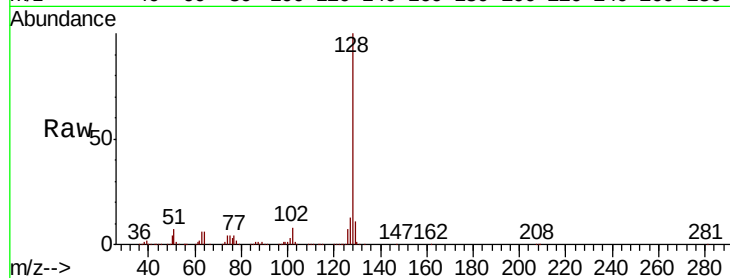
Tgt Ion:128 Resp: 1856892

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

129 10.7 8.6 12.8

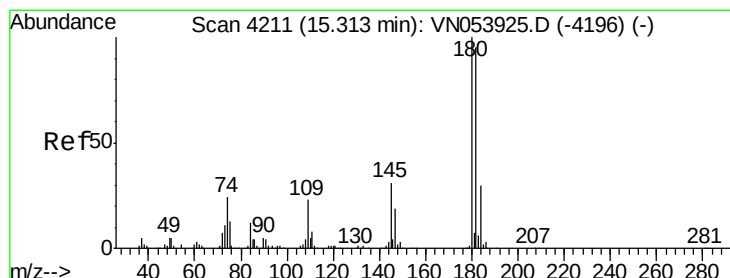
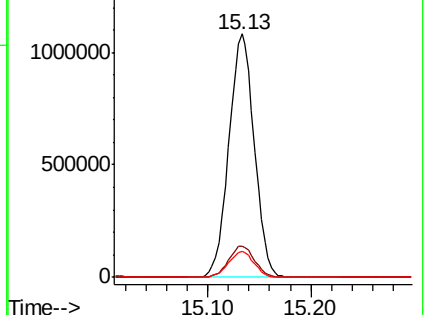
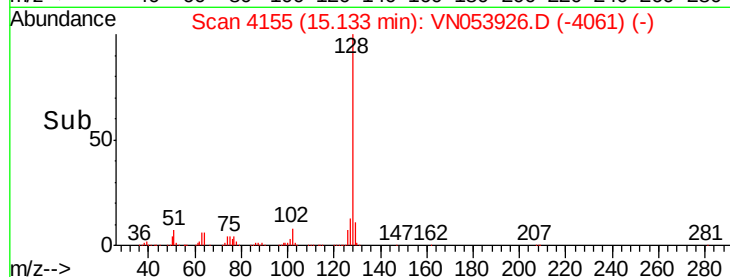


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 99.060 ug/l

RT: 15.31 min Scan# 4211

Delta R.T. 0.00 min

Lab File: VN053926.D

Acq: 25 Feb 2019 13:30

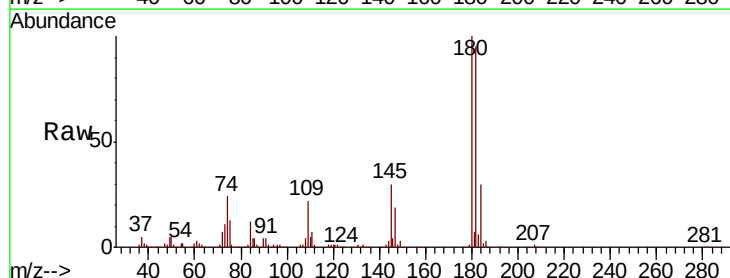
Tgt Ion:180 Resp: 818046

Ion Ratio Lower Upper

180 100

182 95.0 47.3 141.8

145 29.6 14.4 43.0



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

