

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091219\
 Data File : VN057931.D
 Acq On : 11 Sep 2019 18:20
 Operator : JC/SP
 Sample : VN0912WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBS01

Quant Time: Sep 12 02:30:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	322778	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	527756	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	495723	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	287507	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	341147	52.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.36%	
35) Dibromofluoromethane	7.58	113	239552	49.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.36%	
50) Toluene-d8	10.09	98	974499	51.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.06%	
62) 4-Bromofluorobenzene	12.41	95	334719	46.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.88%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	90024	20.167	ug/l	98
3) Chloromethane	2.03	50	84524	18.578	ug/l	98
4) Vinyl Chloride	2.16	62	88909	18.464	ug/l	99
5) Bromomethane	2.54	94	48025	17.150	ug/l	94
6) Chloroethane	2.68	64	56024	18.259	ug/l	98
7) Trichlorofluoromethane	2.99	101	112146	18.507	ug/l	98
8) Diethyl Ether	3.39	74	50288	19.897	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.74	101	74946	19.606	ug/l	98
10) Methyl Iodide	3.93	142	69206	16.269	ug/l	97
11) Tert butyl alcohol	4.77	59	74363	93.980	ug/l #	93
12) 1,1-Dichloroethene	3.71	96	64718	18.830	ug/l	98
13) Acrolein	3.59	56	44262	65.935	ug/l	98
14) Allyl chloride	4.30	41	117664	17.493	ug/l	97
15) Acrylonitrile	4.96	53	221808	101.988	ug/l	99
16) Acetone	3.80	43	185876	86.730	ug/l	99
17) Carbon Disulfide	4.03	76	89128	16.767	ug/l	96
18) Methyl Acetate	4.30	43	120526	21.092	ug/l	99
19) Methyl tert-butyl Ether	5.02	73	289746	20.257	ug/l	100
20) Methylene Chloride	4.53	84	85895	20.322	ug/l	96
21) trans-1,2-Dichloroethene	5.01	96	68265	18.373	ug/l	95
22) Diisopropyl ether	5.93	45	319049	20.227	ug/l	98
23) Vinyl Acetate	5.88	43	1151192	102.980	ug/l	100
24) 1,1-Dichloroethane	5.83	63	168340	19.527	ug/l	99
25) 2-Butanone	6.82	43	296677	95.644	ug/l	100
26) 2,2-Dichloropropane	6.80	77	118586	17.382	ug/l	100
27) cis-1,2-Dichloroethene	6.81	96	94922	19.064	ug/l	97
28) Bromochloromethane	7.17	49	85869	19.938	ug/l	97
29) Tetrahydrofuran	7.20	42	193708	101.344	ug/l	99
30) Chloroform	7.36	83	176969	19.633	ug/l	99
31) Cyclohexane	7.64	56	125846	20.084	ug/l	98
32) 1,1,1-Trichloroethane	7.55	97	136773	19.132	ug/l	99
36) 1,1-Dichloropropene	7.78	75	112865	18.440	ug/l	98
37) Ethyl Acetate	6.91	43	126469	19.999	ug/l	100
38) Carbon Tetrachloride	7.76	117	106538	19.065	ug/l	99

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 Misc : 5.00mL/MSVOA_N/WATER
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Quant Time: Sep 12 02:30:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	117081	18.197	ug/l	98
40) Benzene	8.03	78	360264	19.551	ug/l	100
41) Methacrylonitrile	7.16	41	65452	22.801	ug/l	89
42) 1,2-Dichloroethane	8.11	62	144044	19.546	ug/l	100
43) Isopropyl Acetate	8.16	43	209148	19.667	ug/l #	90
44) Trichloroethene	8.83	130	85344	18.883	ug/l	99
45) 1,2-Dichloropropane	9.11	63	105681	19.709	ug/l	98
46) Dibromomethane	9.20	93	65445	20.198	ug/l	98
47) Bromodichloromethane	9.40	83	123514	19.090	ug/l	99
48) Methyl methacrylate	9.19	41	106611	19.763	ug/l	99
49) 1,4-Dioxane	9.19	88	32795	359.496	ug/l	95
51) 4-Methyl-2-Pentanone	9.98	43	675655	107.364	ug/l	99
52) Toluene	10.15	92	224309	19.327	ug/l	99
53) t-1,3-Dichloropropene	10.38	75	126396	18.551	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	142356	18.924	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	99459	20.231	ug/l	99
56) Ethyl methacrylate	10.43	69	148847	20.106	ug/l	99
57) 1,3-Dichloropropane	10.71	76	172047	20.307	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	355603	101.984	ug/l	99
59) 2-Hexanone	10.75	43	478775	101.501	ug/l	99
60) Dibromochloromethane	10.90	129	84098	18.422	ug/l	100
61) 1,2-Dibromoethane	11.00	107	90895	19.557	ug/l	100
64) Tetrachloroethene	10.63	164	69542	19.000	ug/l	98
65) Chlorobenzene	11.43	112	253614	19.549	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	87900	19.526	ug/l	99
67) Ethyl Benzene	11.51	91	456333	20.071	ug/l	98
68) m/p-Xylenes	11.62	106	331433	39.796	ug/l	99
69) o-Xylene	11.95	106	162211	19.592	ug/l	95
70) Styrene	11.97	104	283872	19.922	ug/l	99
71) Bromoform	12.13	173	50430	17.968	ug/l #	99
73) Isopropylbenzene	12.25	105	462588	20.735	ug/l	99
74) N-amyl acetate	12.07	43	192649	19.842	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	148768	19.805	ug/l	98
76) 1,2,3-Trichloropropane	12.56	75	174821	26.879	ug/l #	100
77) Bromobenzene	12.53	156	107390	19.307	ug/l	97
78) n-propylbenzene	12.60	91	532898	20.801	ug/l	99
79) 2-Chlorotoluene	12.68	91	316839	19.568	ug/l	100
80) 1,3,5-Trimethylbenzene	12.74	105	388249	20.596	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	30383	16.439	ug/l	86
82) 4-Chlorotoluene	12.78	91	327570	19.700	ug/l	100
83) tert-Butylbenzene	13.00	119	333225	19.887	ug/l	98
84) 1,2,4-Trimethylbenzene	13.05	105	395138	20.625	ug/l	97
85) sec-Butylbenzene	13.18	105	452194	20.361	ug/l	99
86) p-Isopropyltoluene	13.30	119	399647	20.423	ug/l	99
87) 1,3-Dichlorobenzene	13.29	146	197030	19.299	ug/l	99
88) 1,4-Dichlorobenzene	13.37	146	197644	19.072	ug/l	98
89) n-Butylbenzene	13.62	91	365869	19.798	ug/l	99
90) Hexachloroethane	13.88	117	54110	18.593	ug/l	97
91) 1,2-Dichlorobenzene	13.66	146	200715	19.678	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.28	75	23993	19.341	ug/l	98

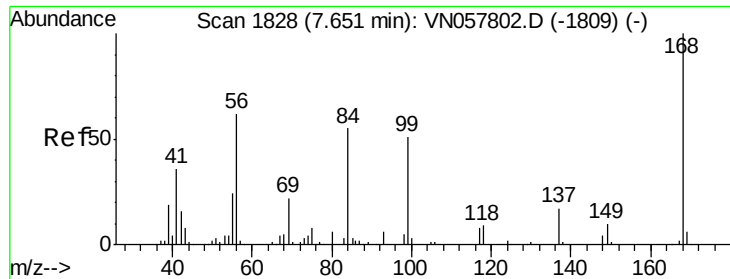
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN091219\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 10 03:02:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.92	180	122776	18.416	ug/l	99
94) Hexachlorobutadiene	15.01	225	53453	18.914	ug/l	99
95) Naphthalene	15.13	128	353087	20.037	ug/l	100
96) 1,2,3-Trichlorobenzene	15.30	180	116928	20.687	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN057931.D

Acq: 11 Sep 2019 18:20

Instrument :

MSVOA_N

ClientSampled :

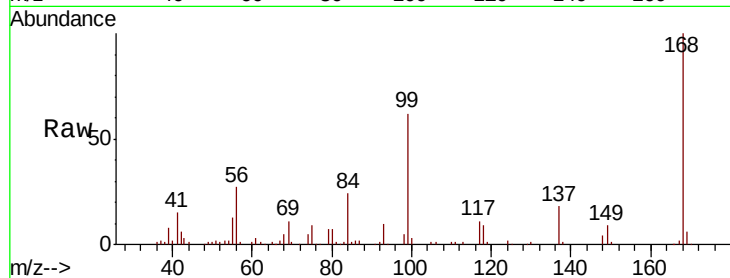
VN0912WBS01

Tgt Ion: 168 Resp: 322778

Ion Ratio Lower Upper

168 100

99 61.9 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VN057802.D (-1809) (-)

Ion 98.90 (98.60 to 99.60): VN057802.D (-1809) (-)

7.65

150000

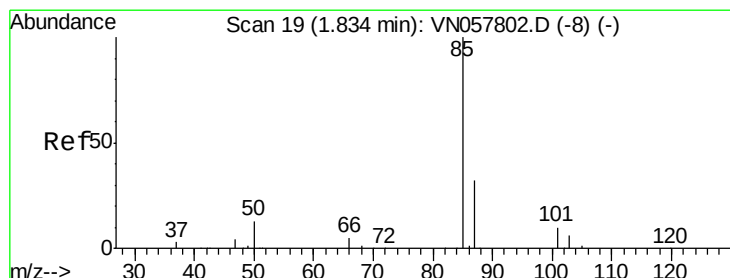
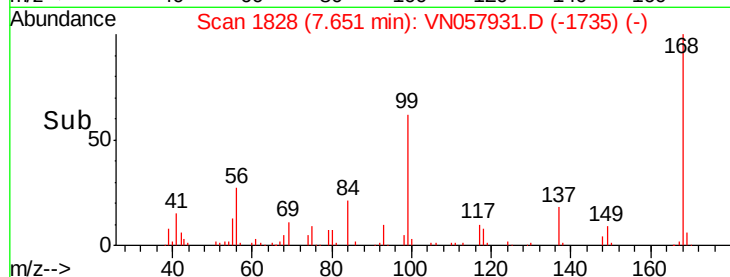
100000

50000

0

7.60 7.70 7.80

Time-->



#2

Dichlorodifluoromethane

Concen: 20.167 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN057931.D

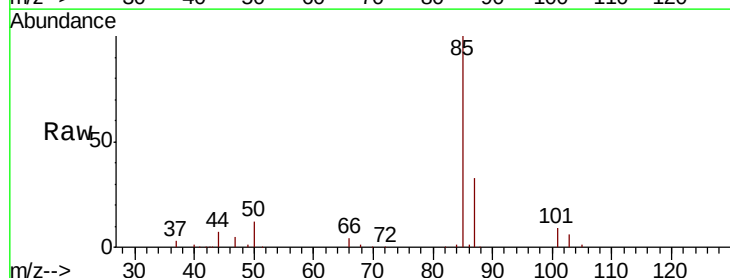
Acq: 11 Sep 2019 18:20

Tgt Ion: 85 Resp: 90024

Ion Ratio Lower Upper

85 100

87 33.0 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VN057802.D (-8) (-)

Ion 86.90 (86.60 to 87.60): VN057802.D (-8) (-)

1.83

80000

60000

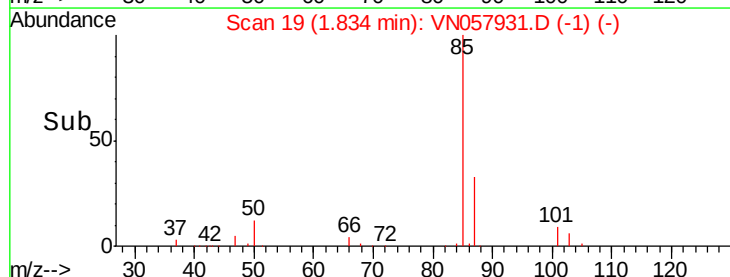
40000

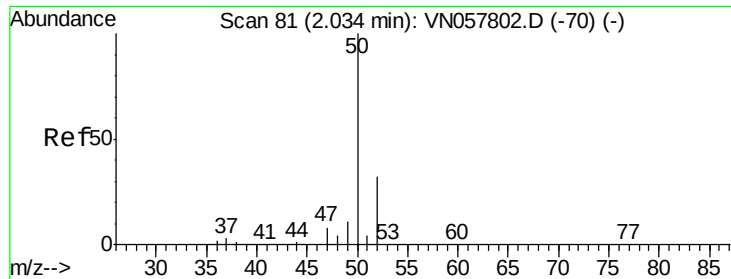
20000

0

1.80 1.85 1.90

Time-->

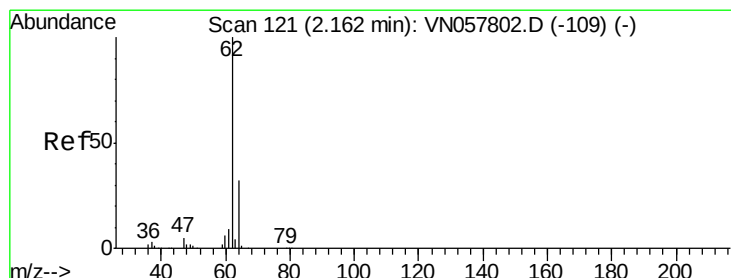
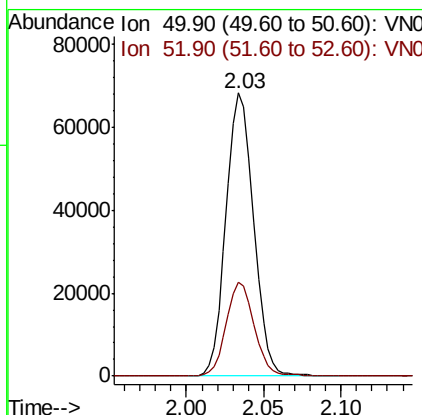
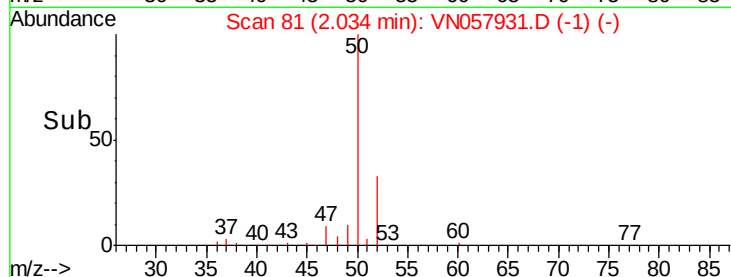
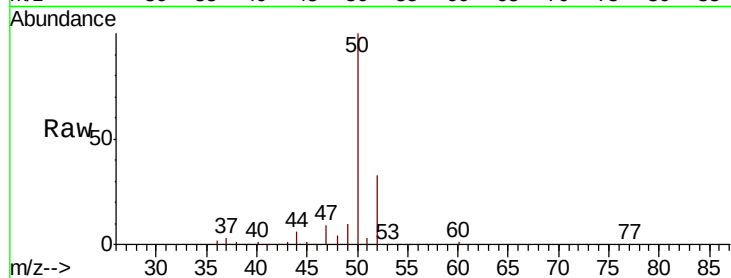




#3
Chloromethane
Concen: 18.578 ug/l
RT: 2.03 min Scan# 81
Delta R.T. 0.00 min
Lab File: VN057931.D
Acq: 11 Sep 2019 18:20

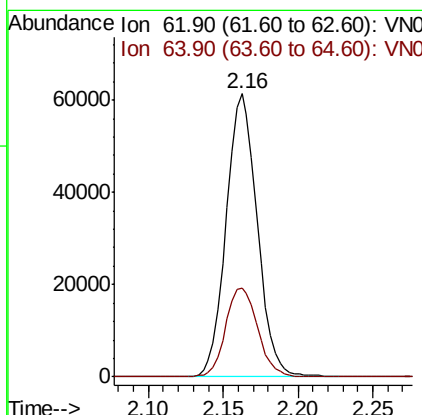
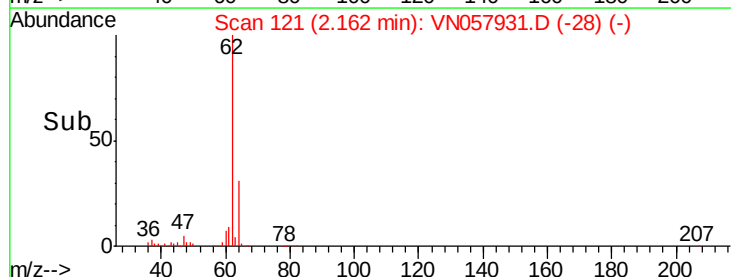
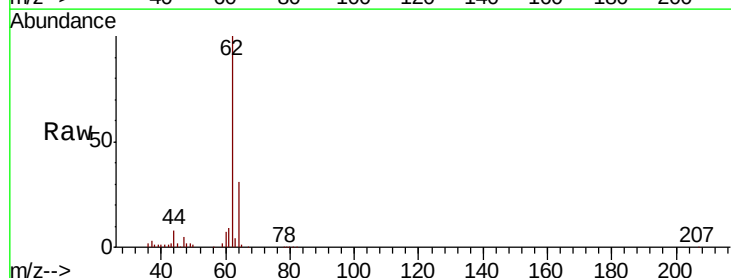
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01

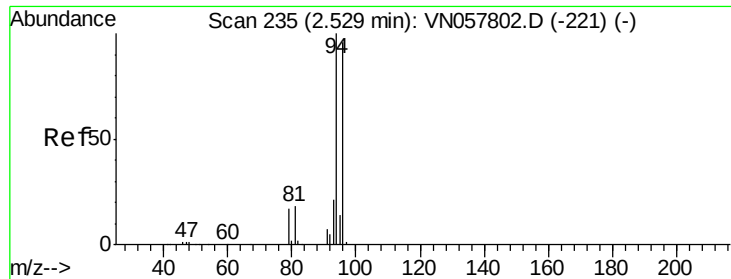
Tgt Ion: 50 Resp: 84524
Ion Ratio Lower Upper
50 100
52 33.0 25.5 38.3



#4
Vinyl Chloride
Concen: 18.464 ug/l
RT: 2.16 min Scan# 121
Delta R.T. 0.00 min
Lab File: VN057931.D
Acq: 11 Sep 2019 18:20

Tgt Ion: 62 Resp: 88909
Ion Ratio Lower Upper
62 100
64 31.4 25.6 38.4





#5

Bromomethane

Concen: 17.150 ug/l

RT: 2.54 min Scan# 237

Delta R.T. 0.01 min

Lab File: VN057931.D

Acq: 11 Sep 2019 18:20

Instrument :

MSVOA_N

ClientSampleId :

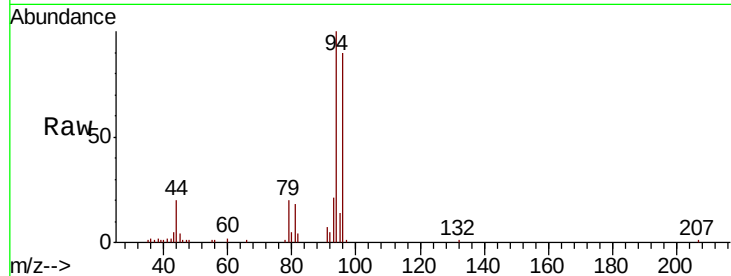
VN0912WBS01

Tgt Ion: 94 Resp: 48025

Ion Ratio Lower Upper

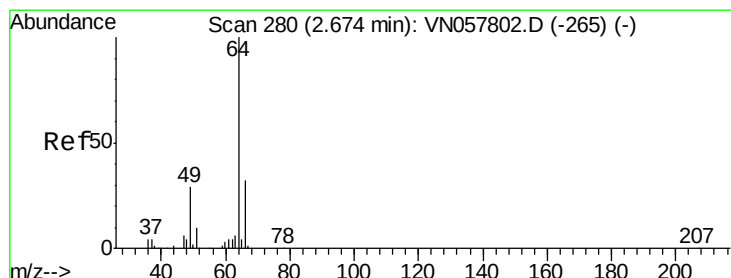
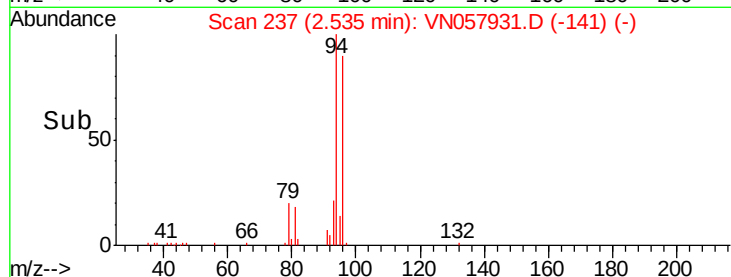
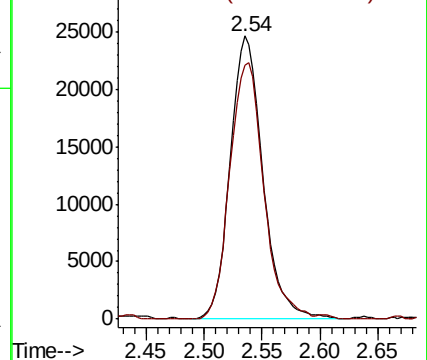
94 100

96 89.9 77.0 115.4



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 18.259 ug/l

RT: 2.68 min Scan# 281

Delta R.T. 0.00 min

Lab File: VN057931.D

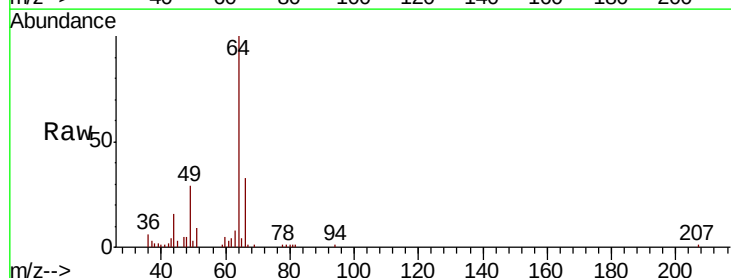
Acq: 11 Sep 2019 18:20

Tgt Ion: 64 Resp: 56024

Ion Ratio Lower Upper

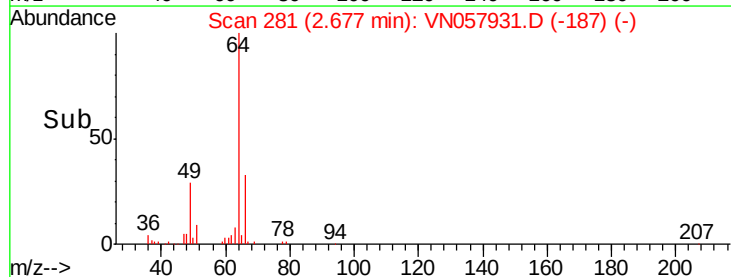
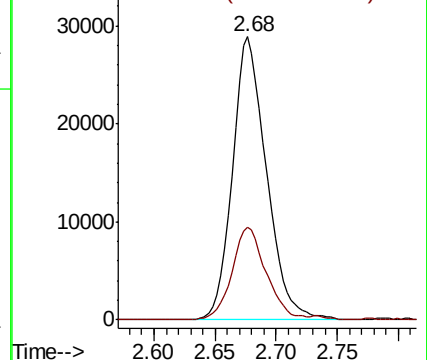
64 100

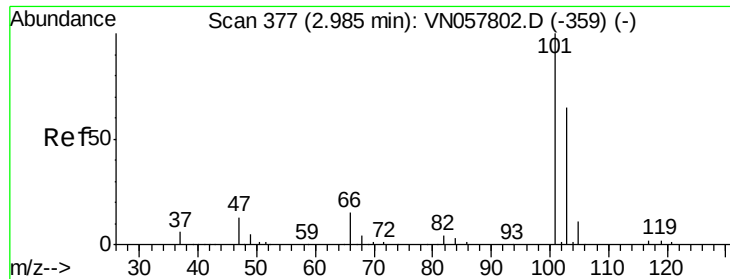
66 32.8 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



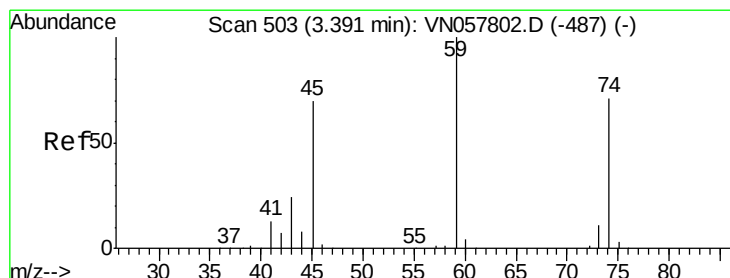
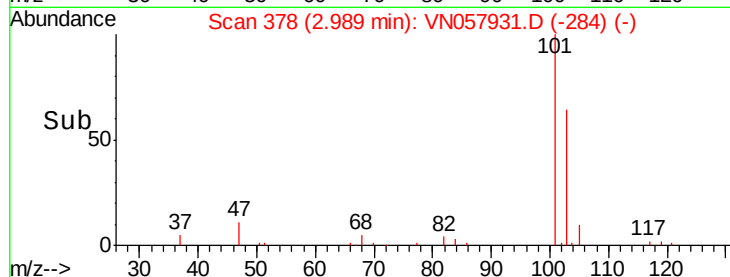
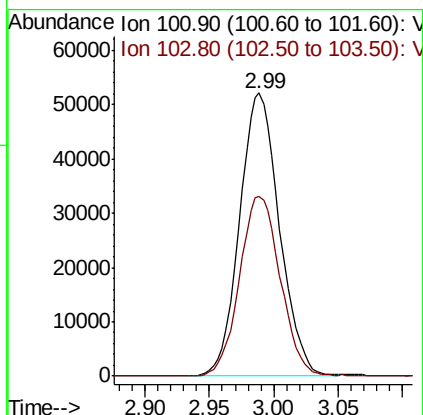
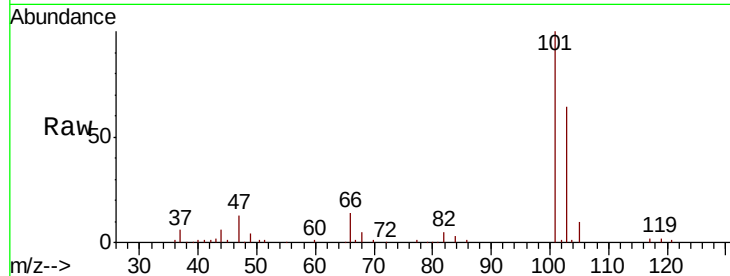


#7

Trichlorofluoromethane
 Concen: 18.507 ug/l
 RT: 2.99 min Scan# 378
 Delta R.T. 0.00 min
 Lab File: VN057931.D
 Acq: 11 Sep 2019 18:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBS01

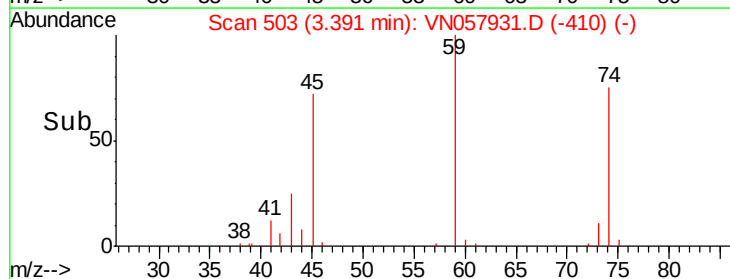
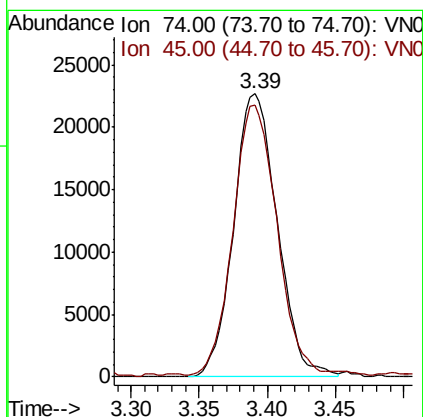
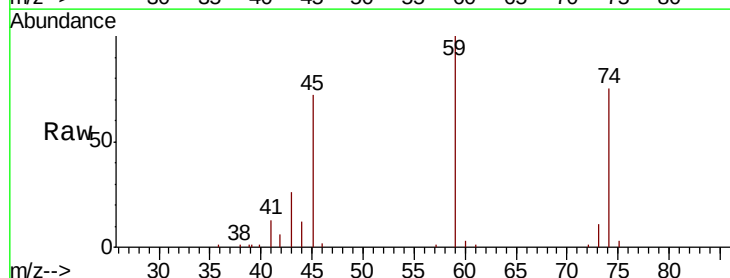
Tgt Ion:101 Resp: 112146
 Ion Ratio Lower Upper
 101 100
 103 63.6 51.9 77.9

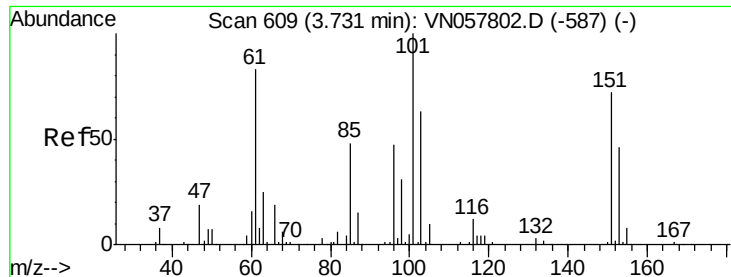


#8

Diethyl Ether
 Concen: 19.897 ug/l
 RT: 3.39 min Scan# 503
 Delta R.T. 0.00 min
 Lab File: VN057931.D
 Acq: 11 Sep 2019 18:20

Tgt Ion: 74 Resp: 50288
 Ion Ratio Lower Upper
 74 100
 45 95.5 50.3 151.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.606 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.01 min

Lab File: VN057931.D

Acq: 11 Sep 2019 18:20

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBS01

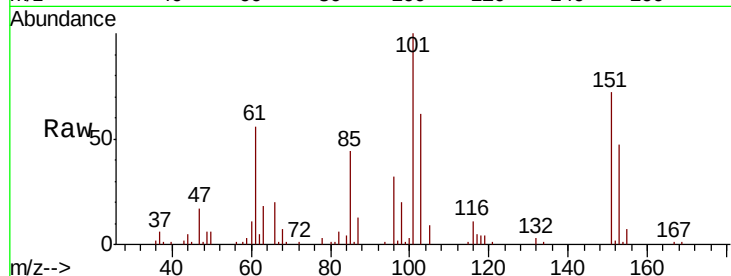
Tgt Ion:101 Resp: 74946

Ion Ratio Lower Upper

101 100

85 45.2 38.1 57.1

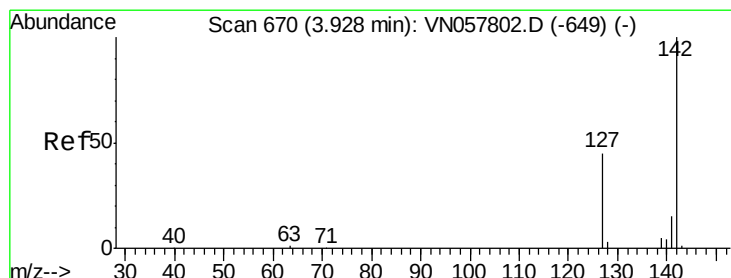
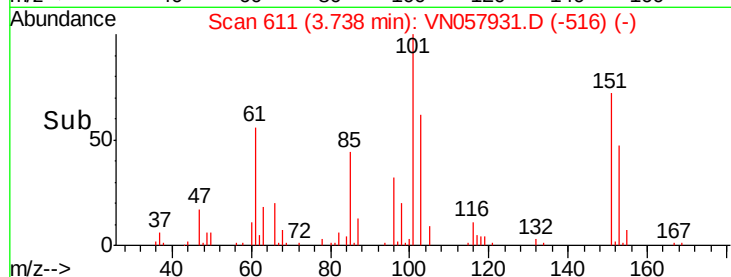
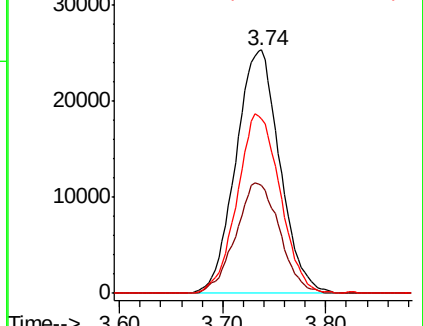
151 72.1 58.4 87.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.269 ug/l

RT: 3.93 min Scan# 670

Delta R.T. 0.00 min

Lab File: VN057931.D

Acq: 11 Sep 2019 18:20

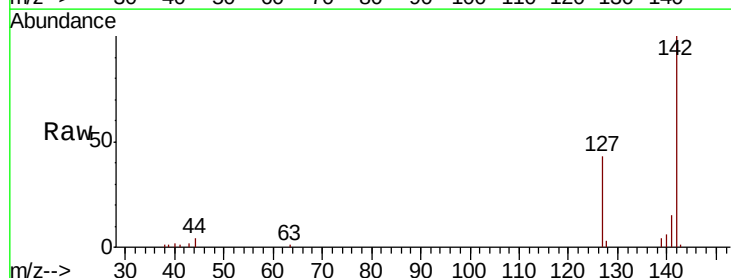
Tgt Ion:142 Resp: 69206

Ion Ratio Lower Upper

142 100

127 44.0 36.7 55.1

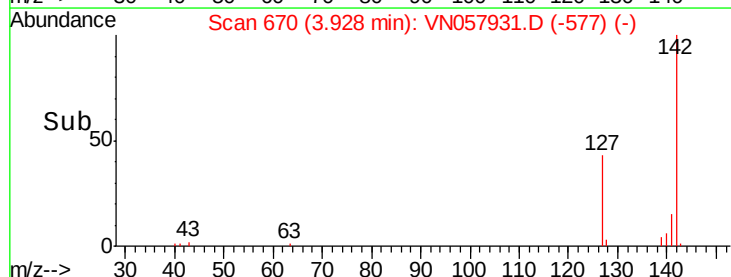
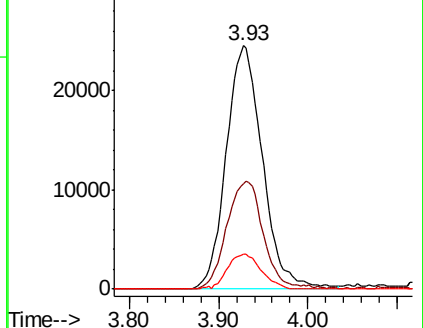
141 13.3 11.4 17.0

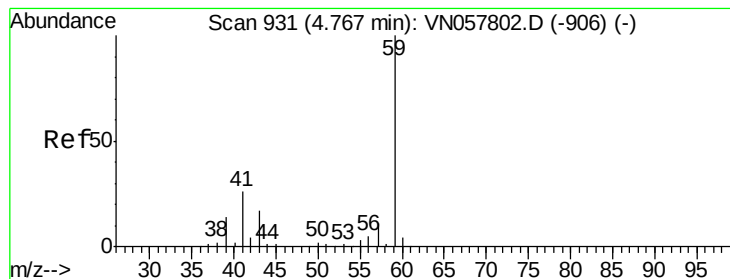


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



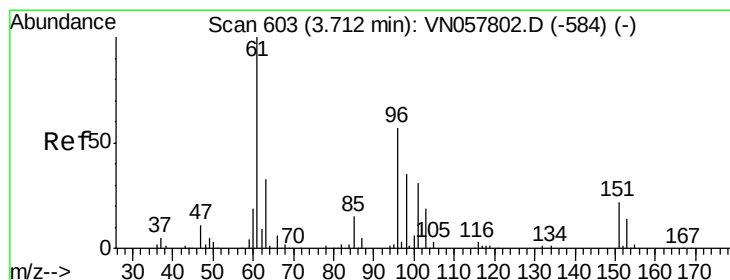
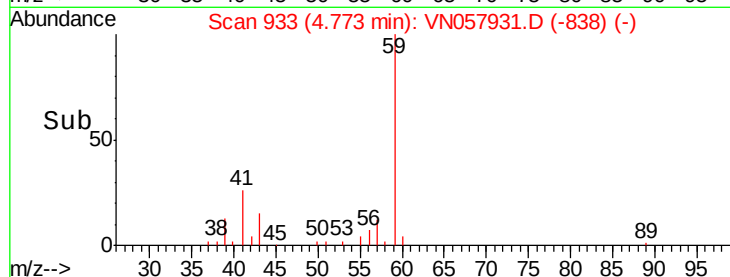
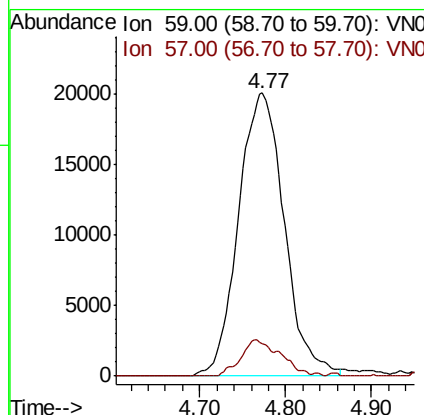
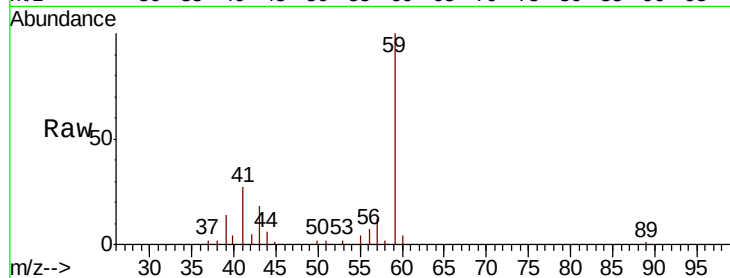


#11

Tert butyl alcohol
 Concen: 93.980 ug/l
 RT: 4.77 min Scan# 933
 Delta R.T. 0.01 min
 Lab File: VN057931.D
 Acq: 11 Sep 2019 18:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBS01

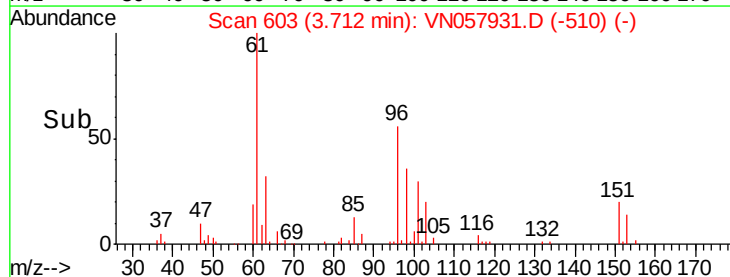
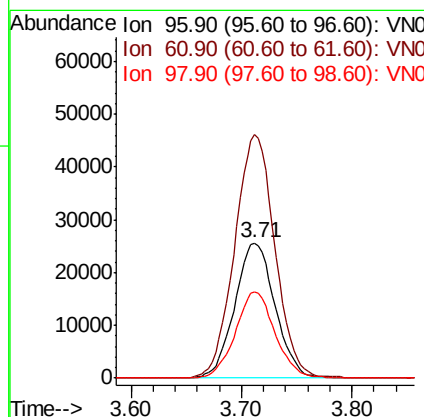
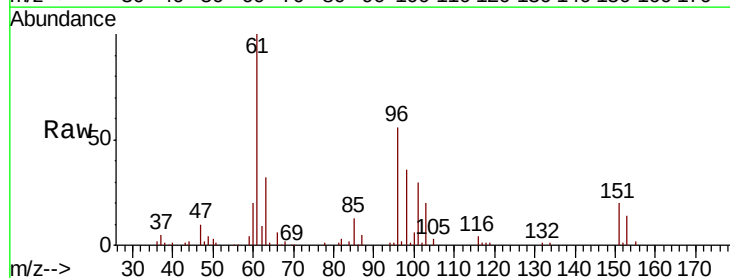
Tgt Ion: 59 Resp: 74363
 Ion Ratio Lower Upper
 59 100
 57 8.0 8.4 12.6#

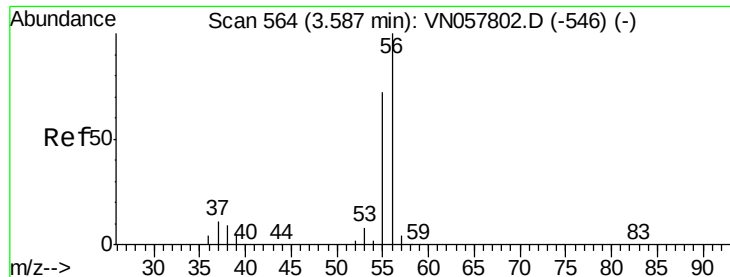


#12

1,1-Dichloroethene
 Concen: 18.830 ug/l
 RT: 3.71 min Scan# 603
 Delta R.T. 0.00 min
 Lab File: VN057931.D
 Acq: 11 Sep 2019 18:20

Tgt Ion: 96 Resp: 64718
 Ion Ratio Lower Upper
 96 100
 61 179.9 141.2 211.8
 98 63.9 49.9 74.9





#13

Acrolein

Concen: 65.935 ug/l

RT: 3.59 min Scan# 564

Delta R.T. 0.00 min

Lab File: VN057931.D

Acq: 11 Sep 2019 18:20

Instrument :

MSVOA_N

ClientSampleId :

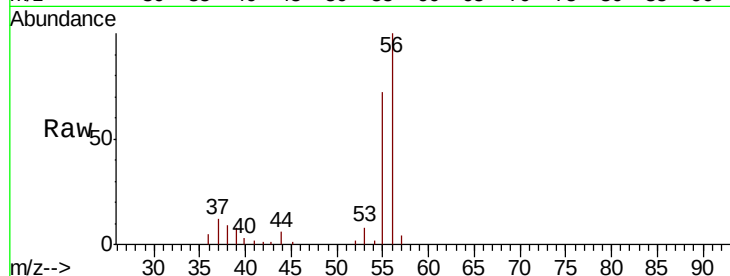
VN0912WBS01

Tgt Ion: 56 Resp: 44262

Ion Ratio Lower Upper

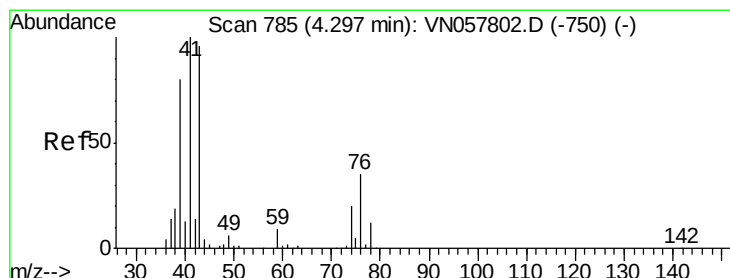
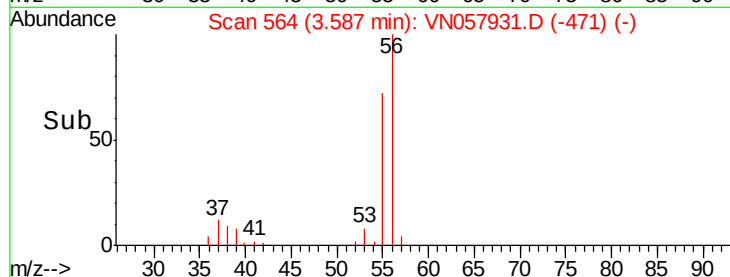
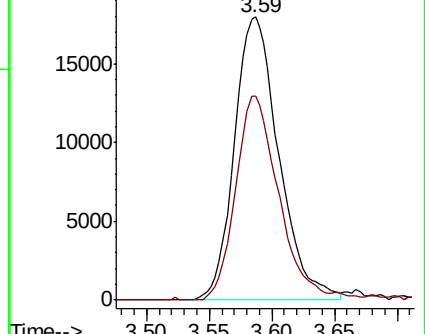
56 100

55 70.3 57.3 85.9



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 17.493 ug/l

RT: 4.30 min Scan# 785

Delta R.T. 0.00 min

Lab File: VN057931.D

Acq: 11 Sep 2019 18:20

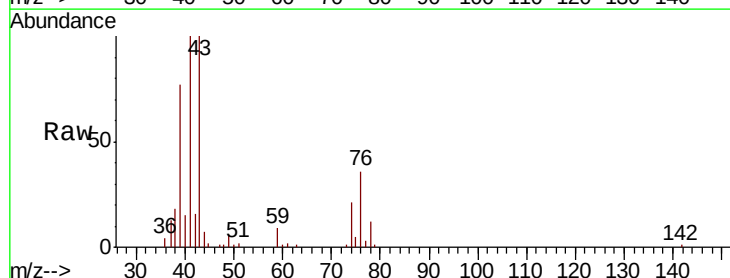
Tgt Ion: 41 Resp: 117664

Ion Ratio Lower Upper

41 100

39 76.9 59.4 89.2

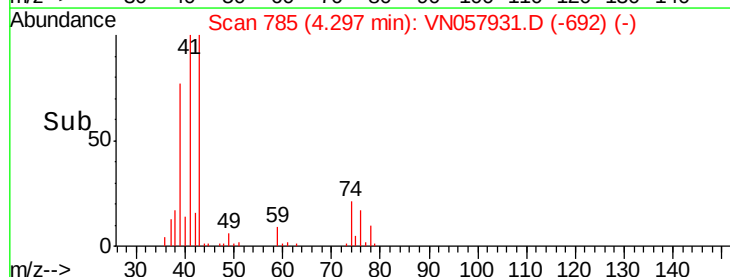
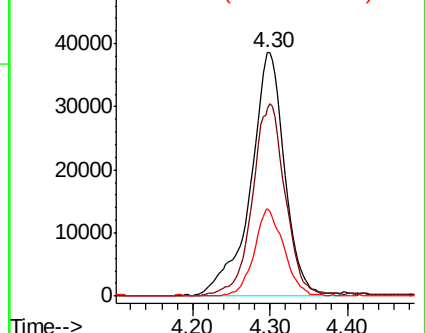
76 31.4 26.0 39.0

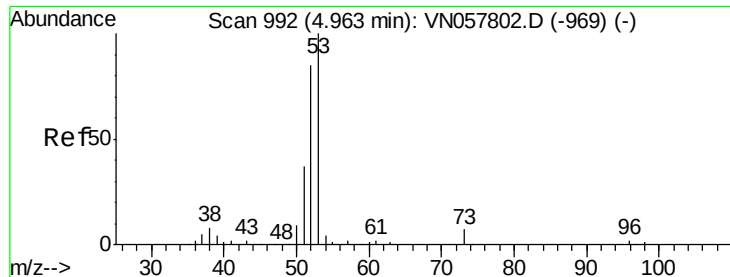


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 101.988 ug/l

RT: 4.96 min Scan# 992

Delta R.T. 0.00 min

Lab File: VN057931.D

Acq: 11 Sep 2019 18:20

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBS01

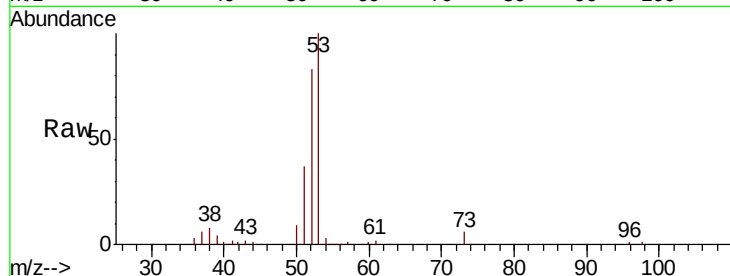
Tgt Ion: 53 Resp: 221808

Ion Ratio Lower Upper

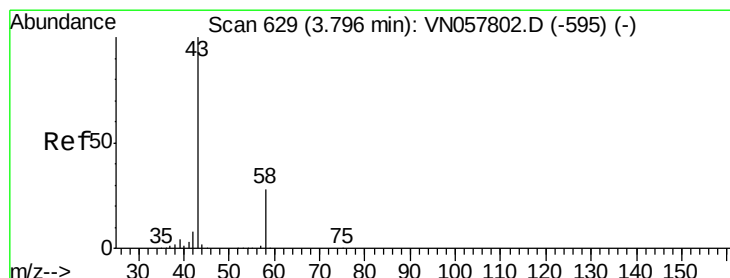
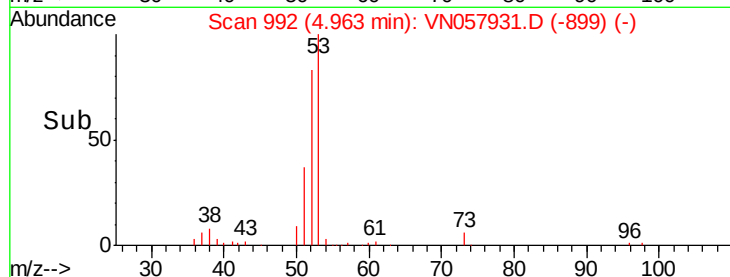
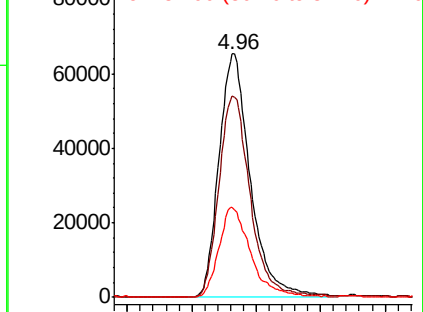
53 100

52 82.6 66.6 100.0

51 37.6 29.8 44.8



Abundance Ion 53.00 (52.70 to 53.70): VN0
Ion 52.00 (51.70 to 52.70): VN0
Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 86.730 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.00 min

Lab File: VN057931.D

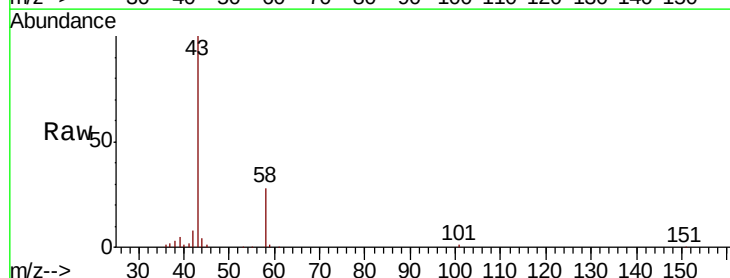
Acq: 11 Sep 2019 18:20

Tgt Ion: 43 Resp: 185876

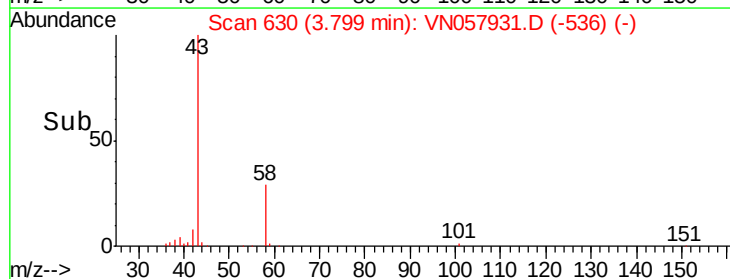
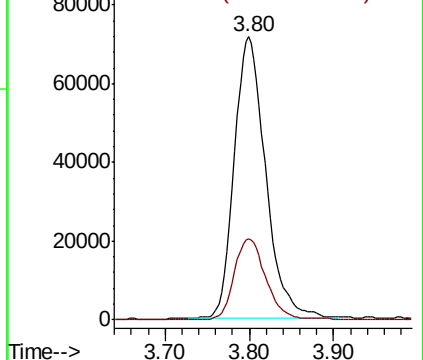
Ion Ratio Lower Upper

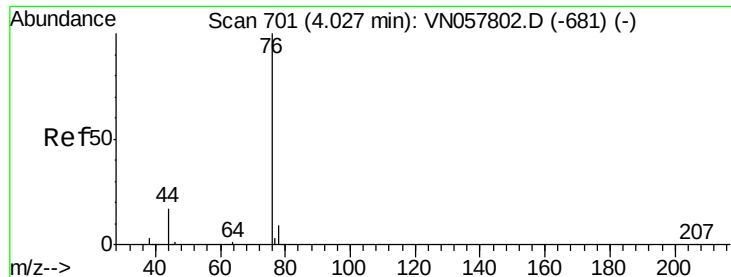
43 100

58 28.4 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 16.767 ug/l

RT: 4.03 min Scan# 702

Delta R.T. 0.00 min

Lab File: VN057931.D

Acq: 11 Sep 2019 18:20

Instrument :

MSVOA_N

ClientSampleId :

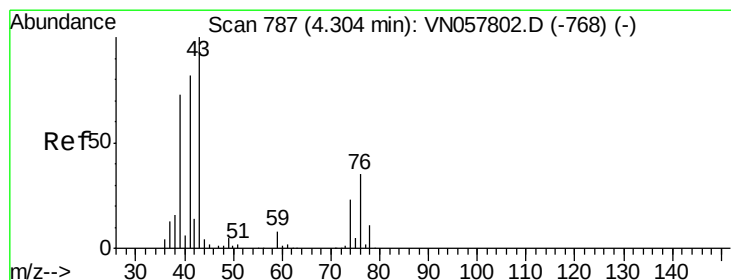
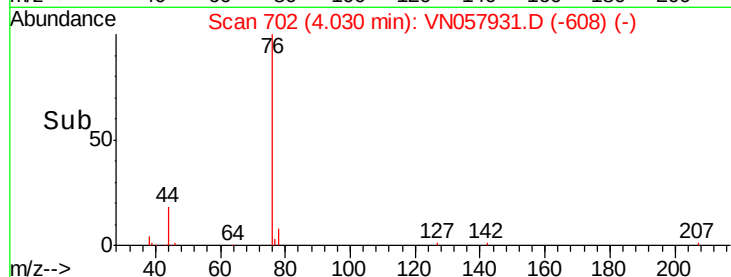
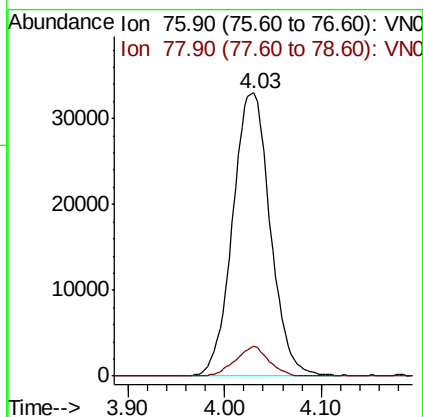
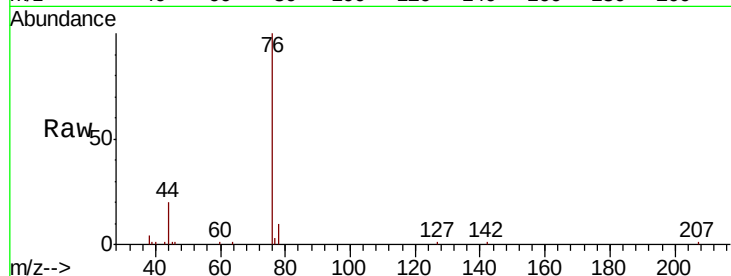
VN0912WBS01

Tgt Ion: 76 Resp: 89128

Ion Ratio Lower Upper

76 100

78 10.4 7.1 10.7



#18

Methyl Acetate

Concen: 21.092 ug/l

RT: 4.30 min Scan# 787

Delta R.T. 0.00 min

Lab File: VN057931.D

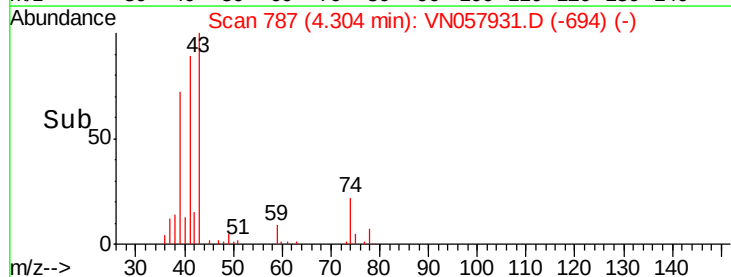
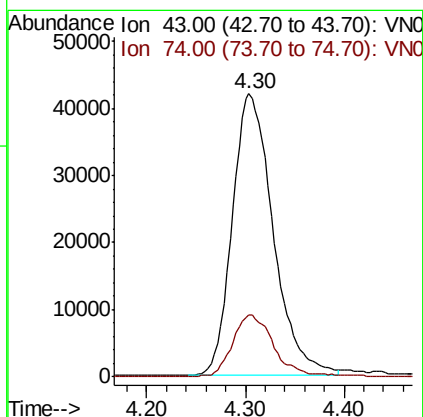
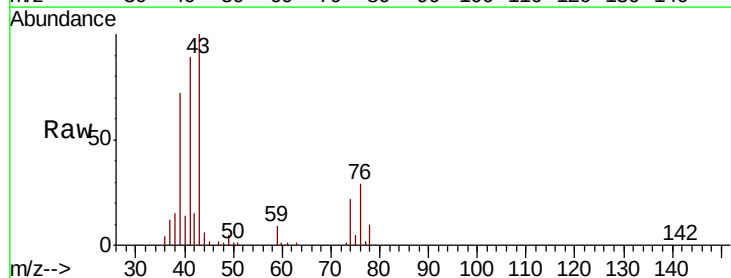
Acq: 11 Sep 2019 18:20

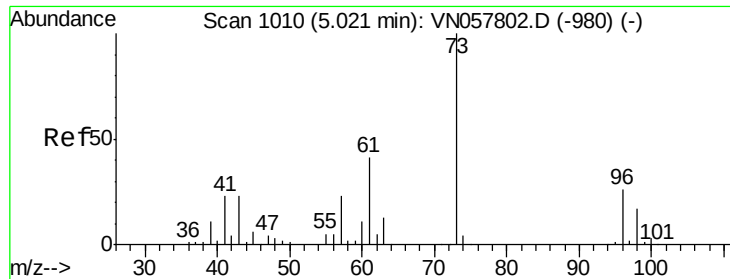
Tgt Ion: 43 Resp: 120526

Ion Ratio Lower Upper

43 100

74 21.7 17.9 26.9

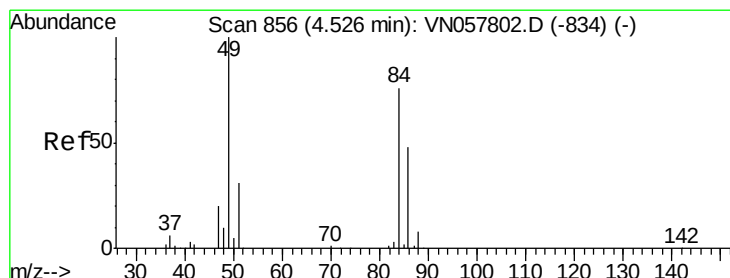
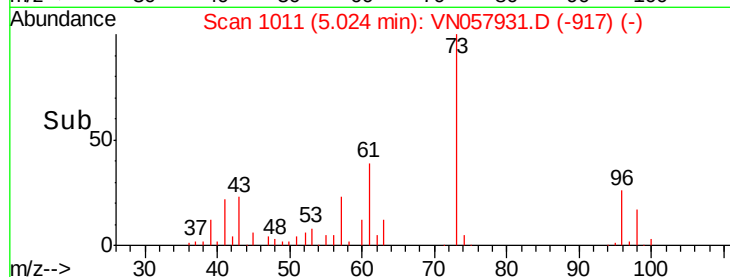
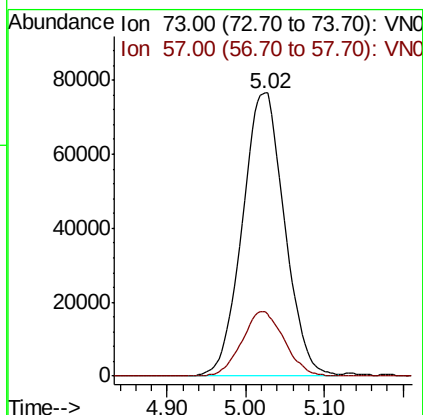
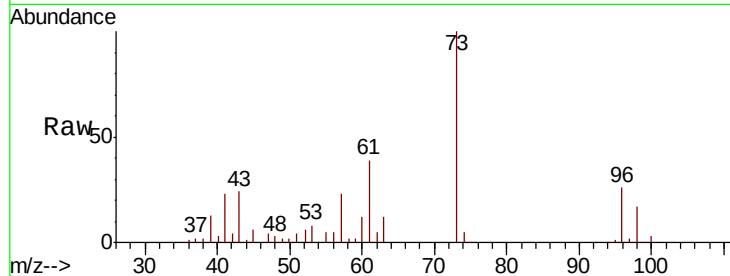




#19
Methyl tert-butyl Ether
Concen: 20.257 ug/l
RT: 5.02 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN057931.D
Acq: 11 Sep 2019 18:20

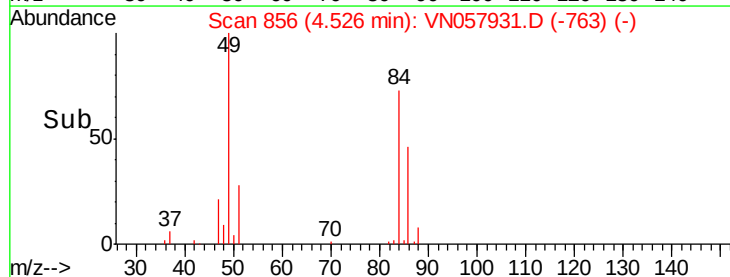
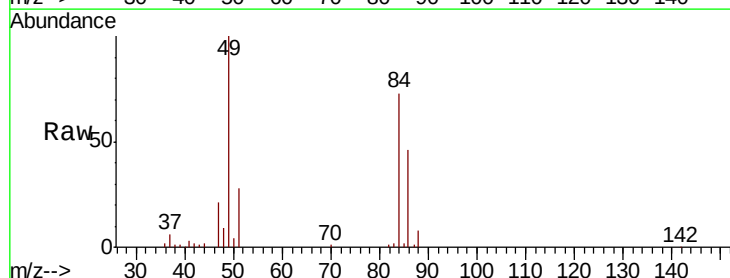
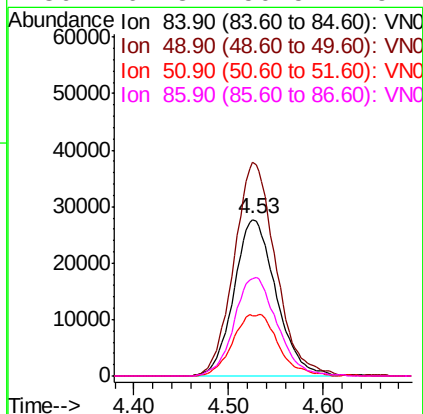
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01

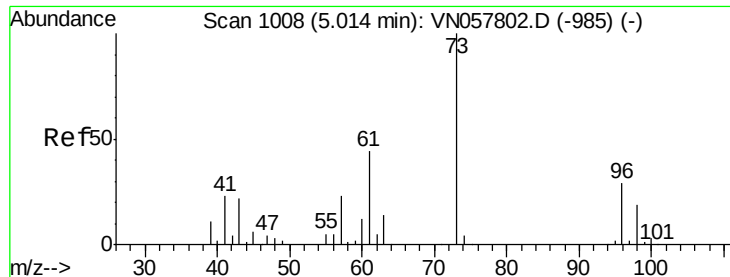
Tgt Ion: 73 Resp: 289746
Ion Ratio Lower Upper
73 100
57 22.6 18.2 27.2



#20
Methylene Chloride
Concen: 20.322 ug/l
RT: 4.53 min Scan# 856
Delta R.T. 0.00 min
Lab File: VN057931.D
Acq: 11 Sep 2019 18:20

Tgt Ion: 84 Resp: 85895
Ion Ratio Lower Upper
84 100
49 136.6 104.8 157.2
51 38.8 33.0 49.4
86 62.3 50.5 75.7

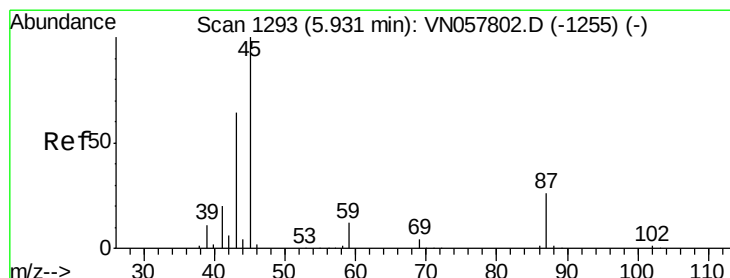
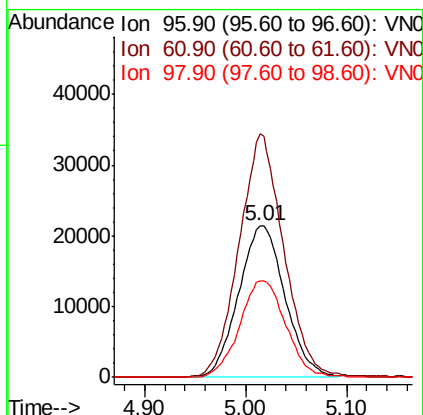
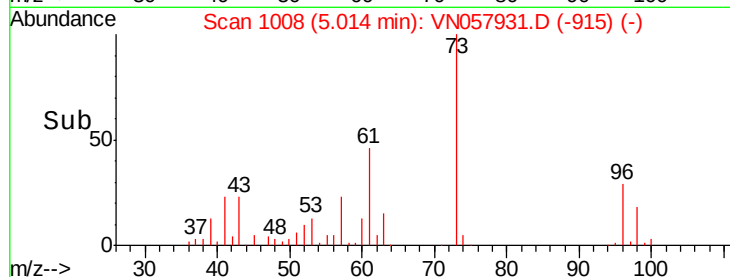
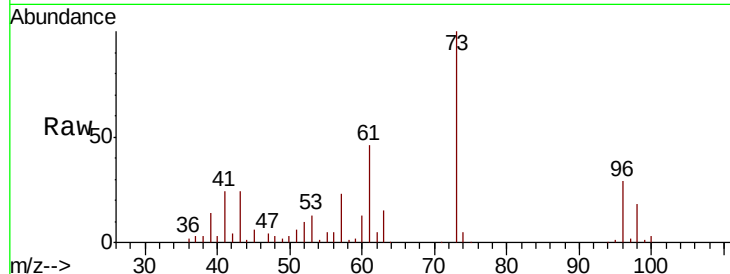




#21
trans-1,2-Dichloroethene
Concen: 18.373 ug/l
RT: 5.01 min Scan# 1008
Delta R.T. 0.00 min
Lab File: VN057931.D
Acq: 11 Sep 2019 18:20

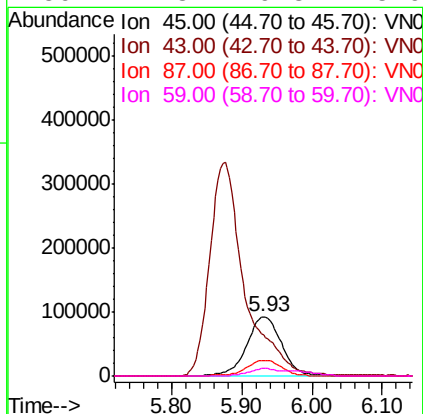
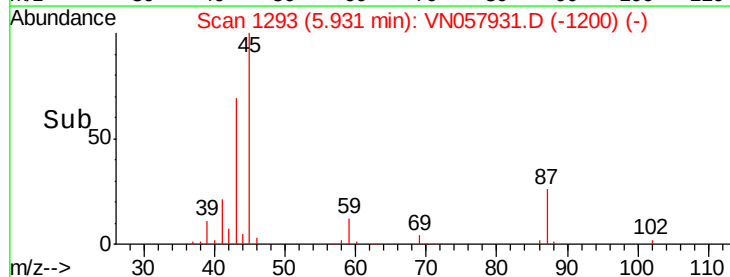
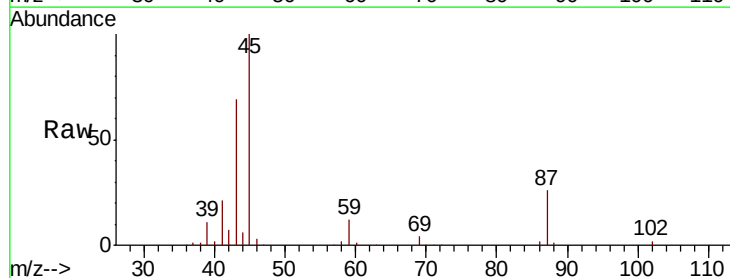
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01

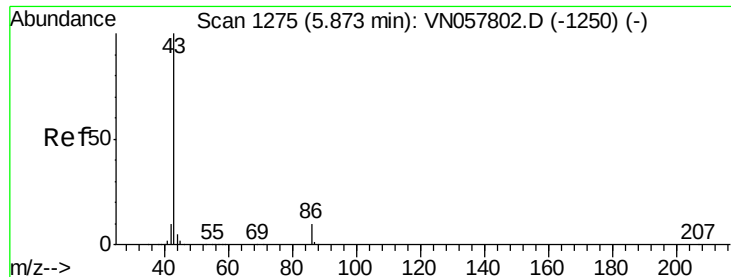
Tgt Ion: 96 Resp: 68265
Ion Ratio Lower Upper
96 100
61 160.5 121.9 182.9
98 63.9 52.2 78.4



#22
Diisopropyl ether
Concen: 20.227 ug/l
RT: 5.93 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VN057931.D
Acq: 11 Sep 2019 18:20

Tgt Ion: 45 Resp: 319049
Ion Ratio Lower Upper
45 100
43 66.6 51.4 77.2
87 25.7 21.3 31.9
59 11.8 9.3 13.9

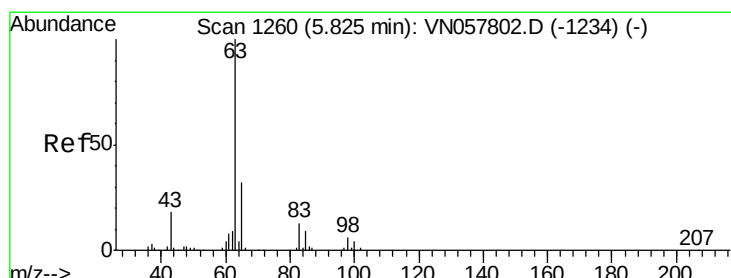
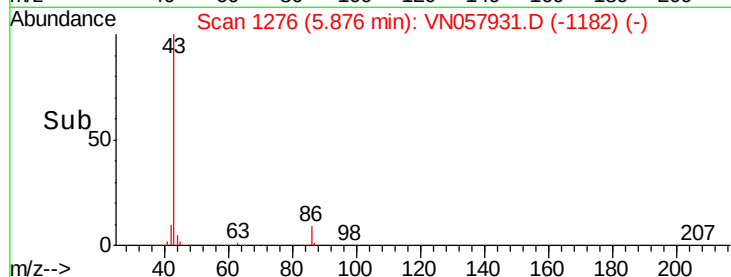
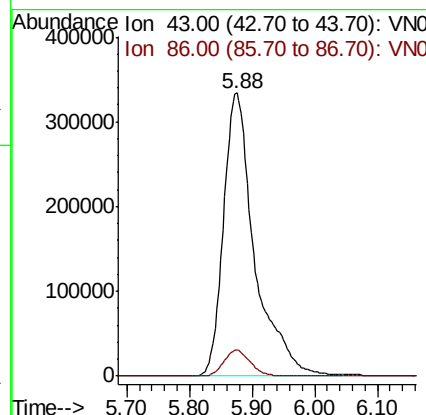
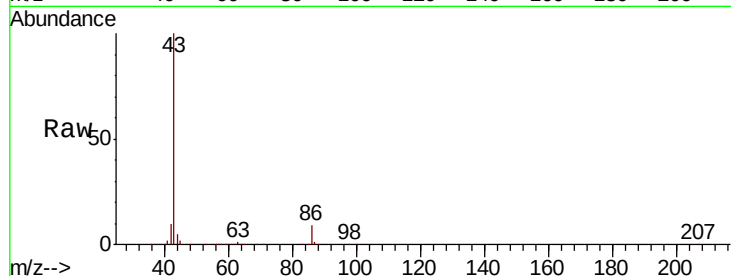




#23
 Vinyl Acetate
 Concen: 102.980 ug/l
 RT: 5.88 min Scan# 1276
 Delta R.T. 0.00 min
 Lab File: VN057931.D
 Acq: 11 Sep 2019 18:20

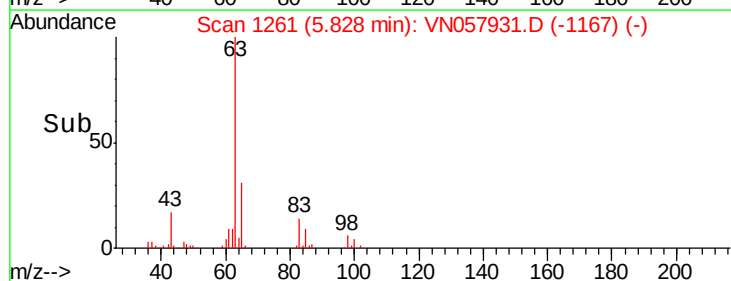
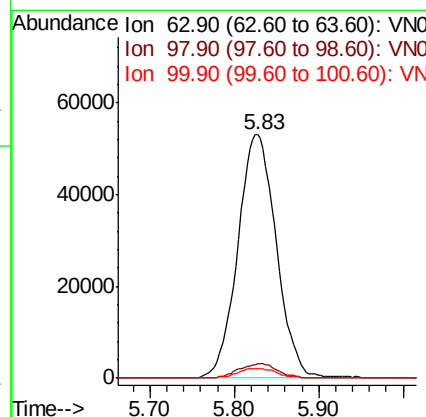
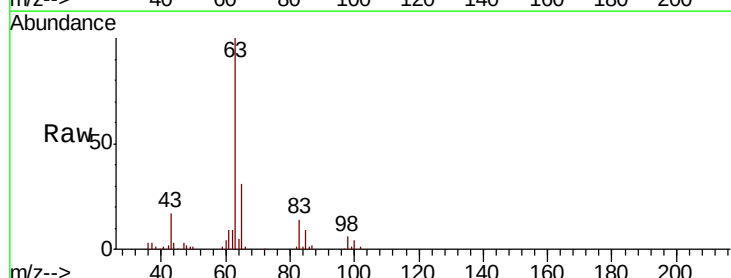
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBS01

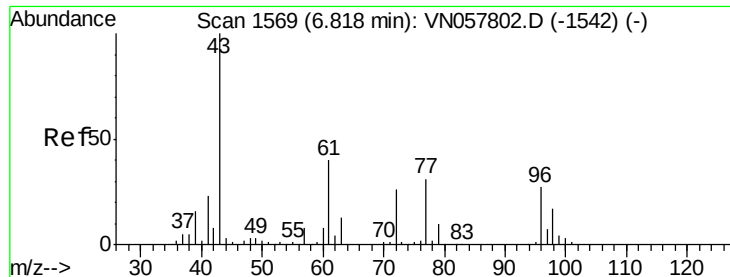
Tgt Ion: 43 Resp: 1151192
 Ion Ratio Lower Upper
 43 100
 86 9.4 7.7 11.5



#24
 1,1-Dichloroethane
 Concen: 19.527 ug/l
 RT: 5.83 min Scan# 1261
 Delta R.T. 0.00 min
 Lab File: VN057931.D
 Acq: 11 Sep 2019 18:20

Tgt Ion: 63 Resp: 168340
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.0 9.2
 100 3.7 2.0 5.8





#25

2-Butanone

Concen: 95.644 ug/l

RT: 6.82 min Scan# 1570

Delta R.T. 0.00 min

Lab File: VN057931.D

Acq: 11 Sep 2019 18:20

Instrument :

MSVOA_N

ClientSampleId :

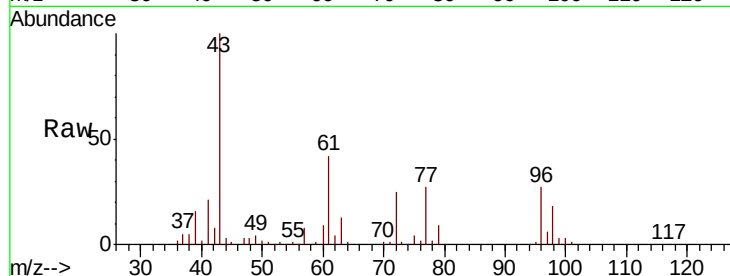
VN0912WBS01

Tgt Ion: 43 Resp: 296677

Ion Ratio Lower Upper

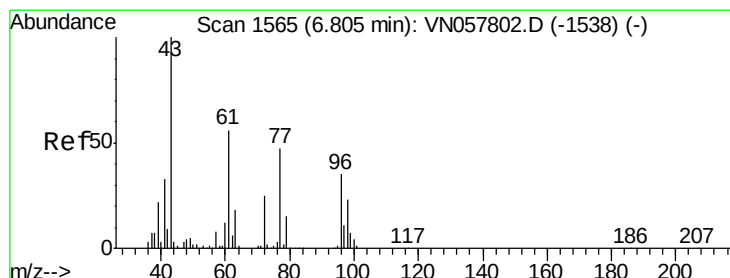
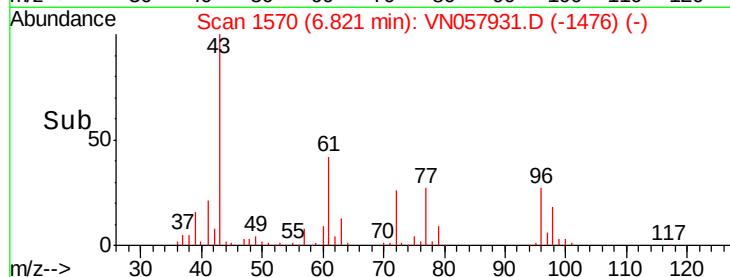
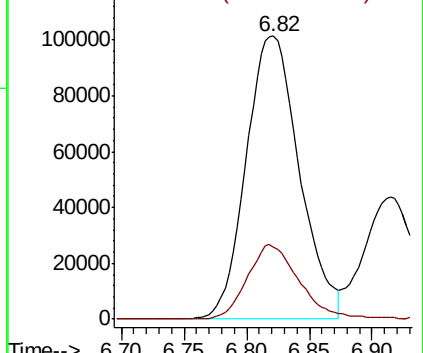
43 100

72 25.6 20.6 30.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 17.382 ug/l

RT: 6.80 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VN057931.D

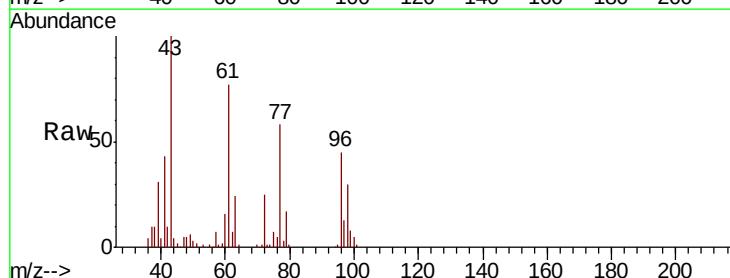
Acq: 11 Sep 2019 18:20

Tgt Ion: 77 Resp: 118586

Ion Ratio Lower Upper

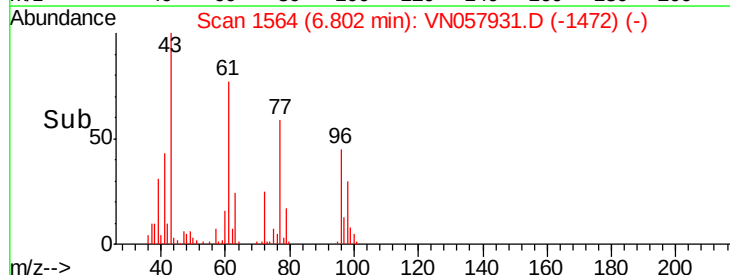
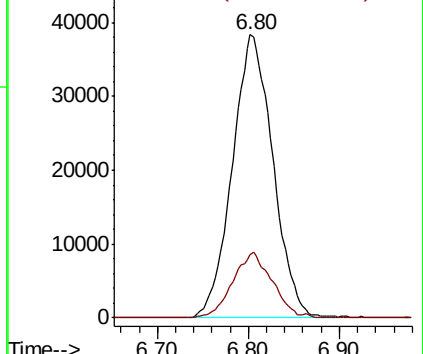
77 100

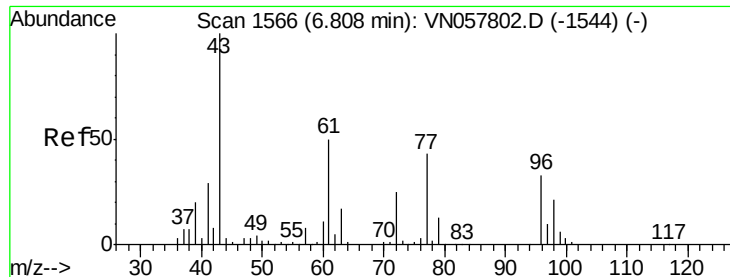
97 22.3 11.1 33.3



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0





#27

cis-1,2-Dichloroethene

Concen: 19.064 ug/l

RT: 6.81 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN057931.D

Acq: 11 Sep 2019 18:20

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBS01

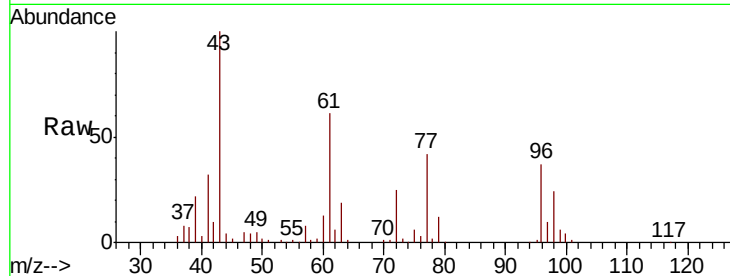
Tgt Ion: 96 Resp: 94922

Ion Ratio Lower Upper

96 100

61 161.7 0.0 314.0

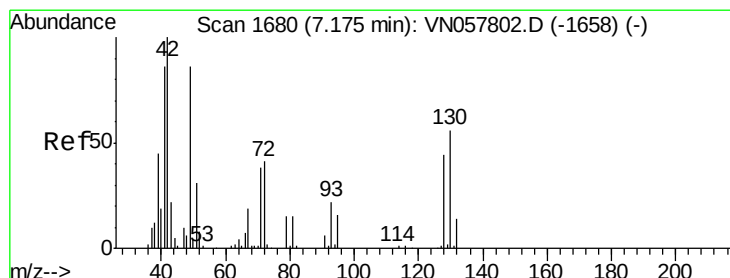
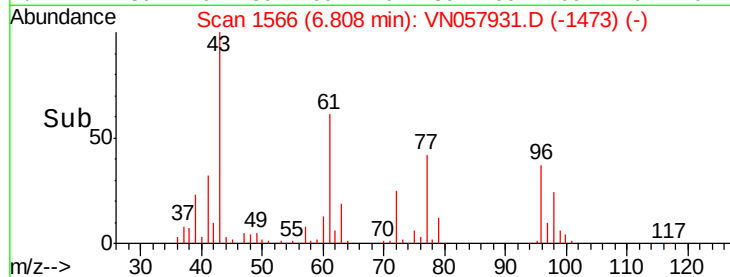
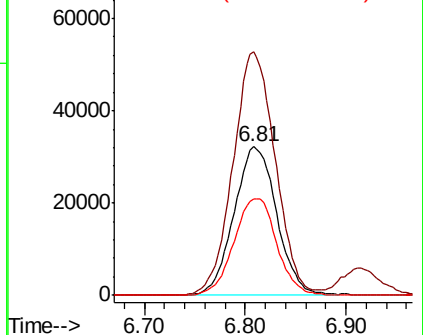
98 65.1 0.0 128.6



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



#28

Bromochloromethane

Concen: 19.938 ug/l

RT: 7.17 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VN057931.D

Acq: 11 Sep 2019 18:20

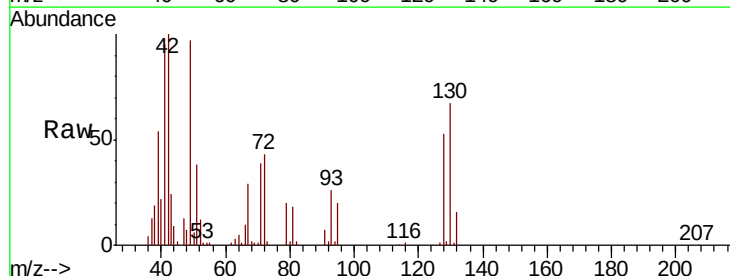
Tgt Ion: 49 Resp: 85869

Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.8

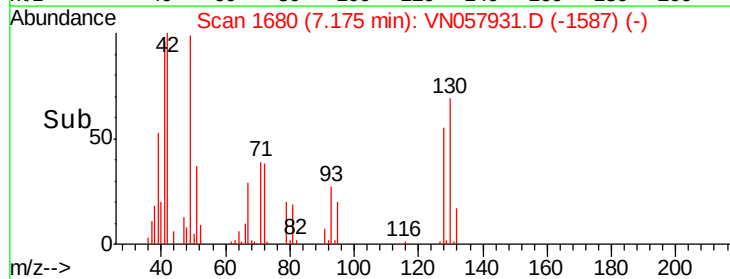
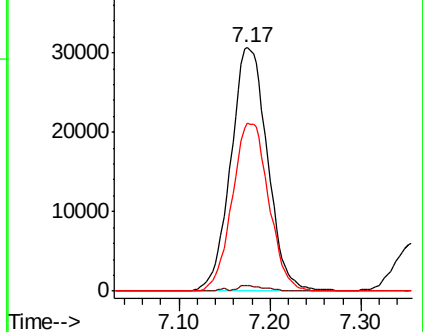
130 68.5 53.0 79.6

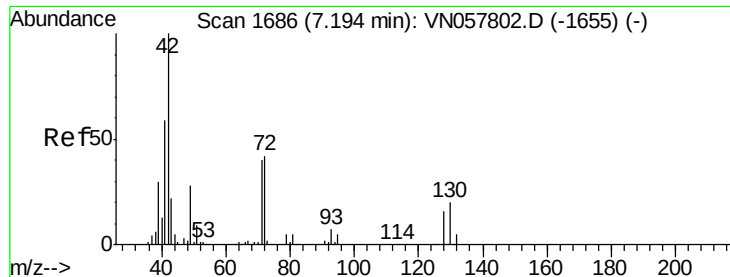


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 101.344 ug/l

RT: 7.20 min Scan# 1687

Delta R.T. 0.00 min

Lab File: VN057931.D

Acq: 11 Sep 2019 18:20

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBS01

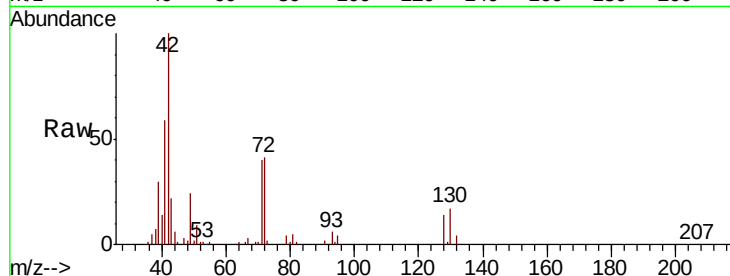
Tgt Ion: 42 Resp: 193708

Ion Ratio Lower Upper

42 100

72 42.3 33.7 50.5

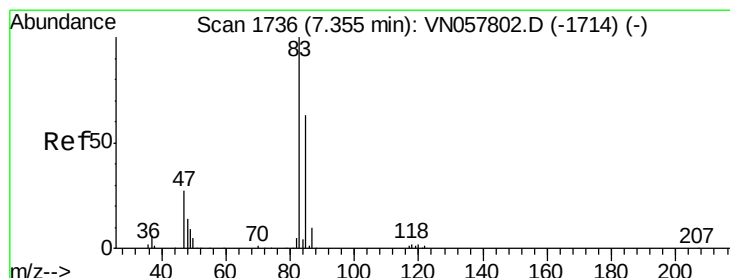
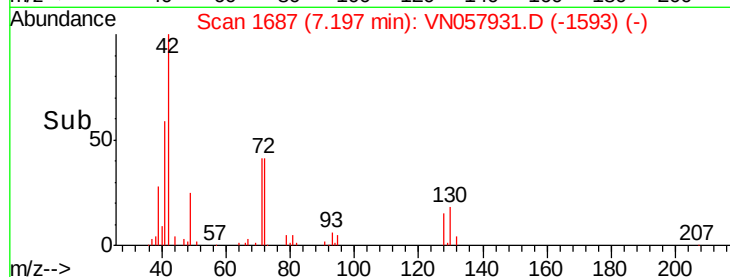
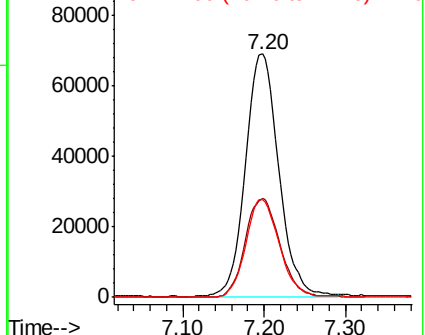
71 40.4 31.9 47.9



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: 19.633 ug/l

RT: 7.36 min Scan# 1736

Delta R.T. 0.00 min

Lab File: VN057931.D

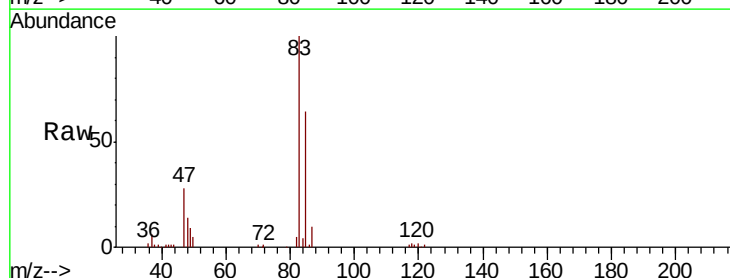
Acq: 11 Sep 2019 18:20

Tgt Ion: 83 Resp: 176969

Ion Ratio Lower Upper

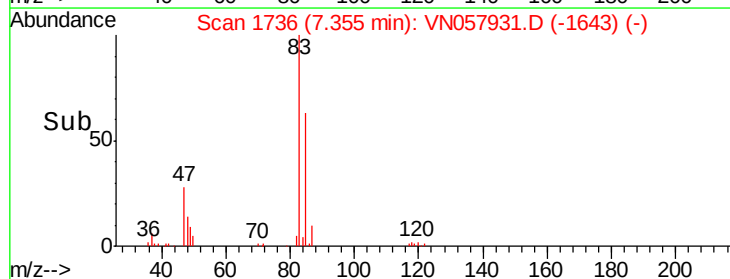
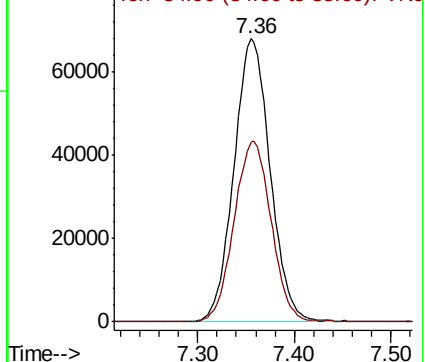
83 100

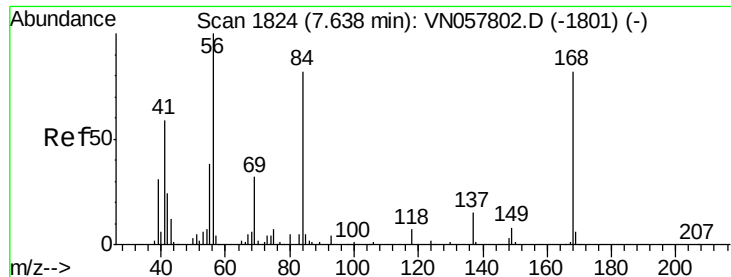
85 63.7 50.6 75.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

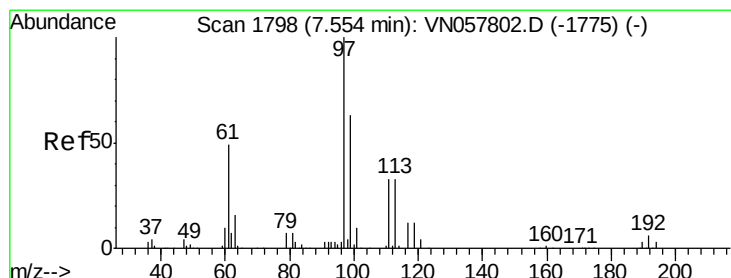
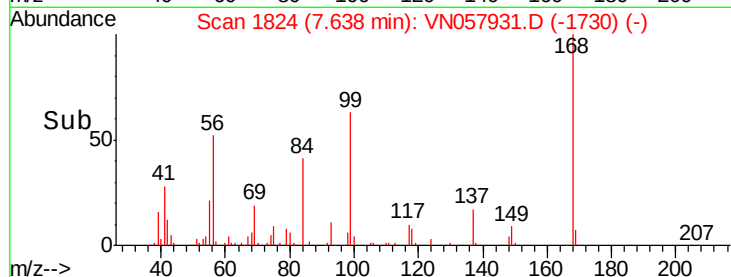
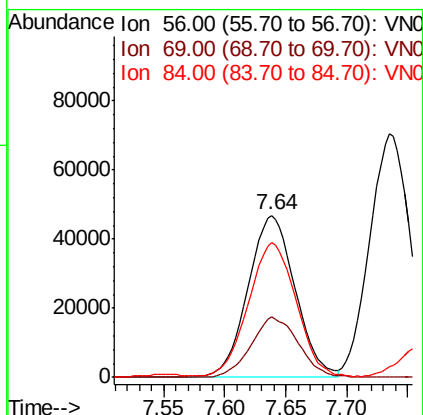
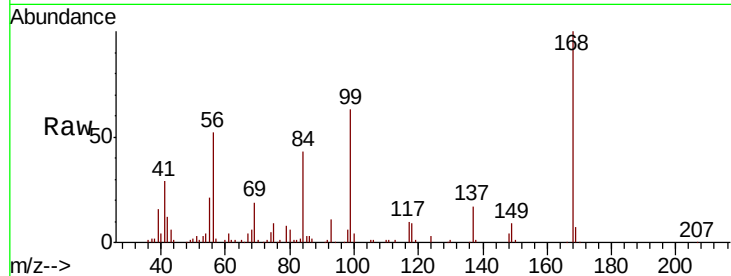




#31
Cyclohexane
Concen: 20.084 ug/l
RT: 7.64 min Scan# 1824
Delta R.T. 0.00 min
Lab File: VN057931.D
Acq: 11 Sep 2019 18:20

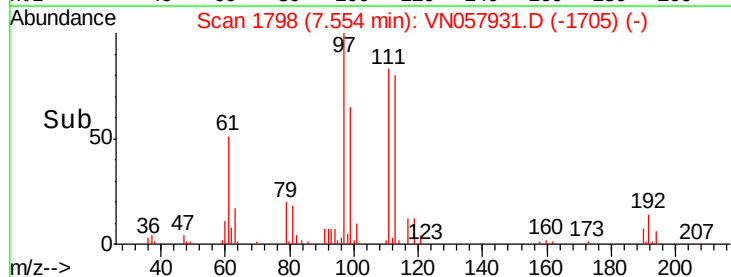
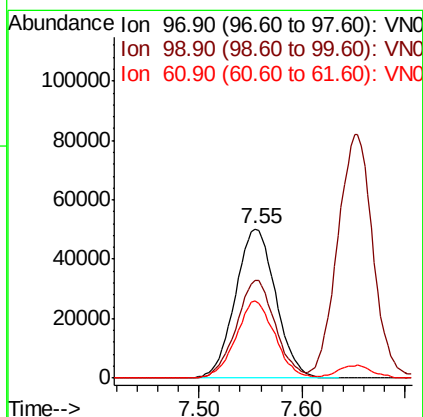
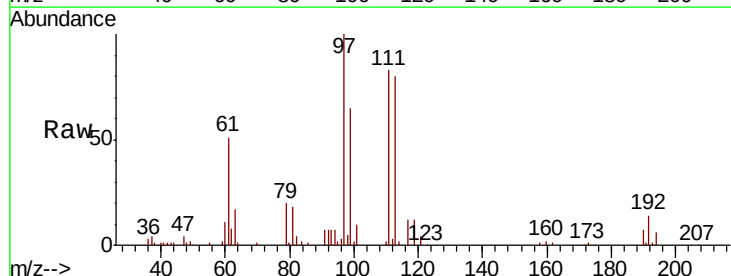
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01

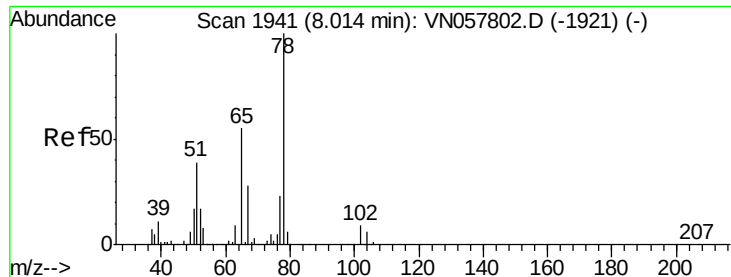
Tgt Ion: 56 Resp: 125846
Ion Ratio Lower Upper
56 100
69 37.2 25.9 38.9
84 82.1 65.6 98.4



#32
1,1,1-Trichloroethane
Concen: 19.132 ug/l
RT: 7.55 min Scan# 1798
Delta R.T. 0.00 min
Lab File: VN057931.D
Acq: 11 Sep 2019 18:20

Tgt Ion: 97 Resp: 136773
Ion Ratio Lower Upper
97 100
99 62.9 51.0 76.4
61 49.9 39.0 58.6

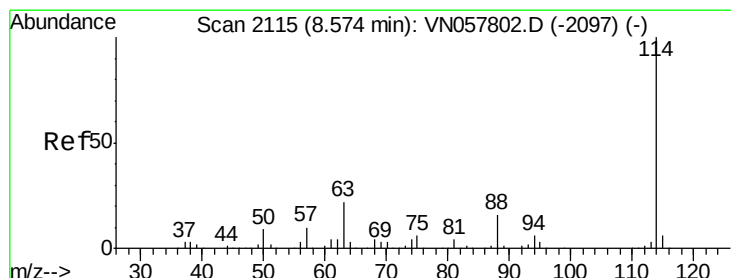
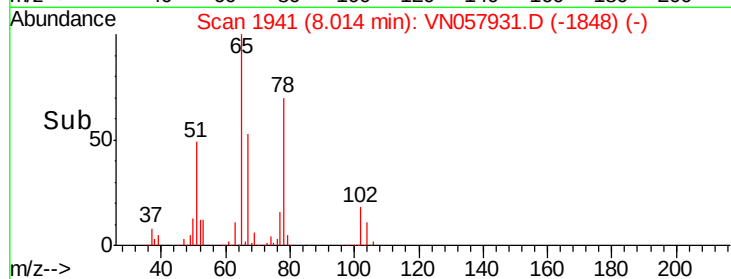
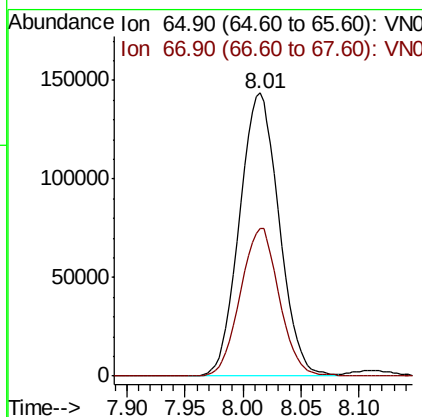
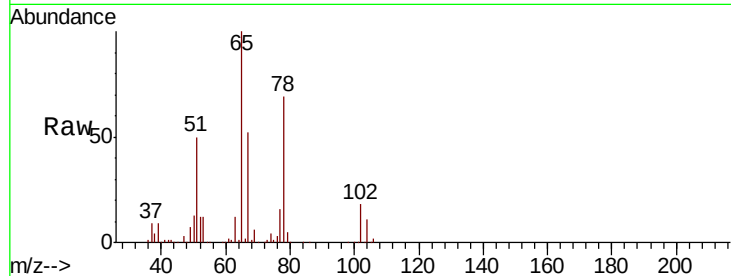




#33
 1,2-Dichloroethane-d4
 Concen: 52.182 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN057931.D
 Acq: 11 Sep 2019 18:20

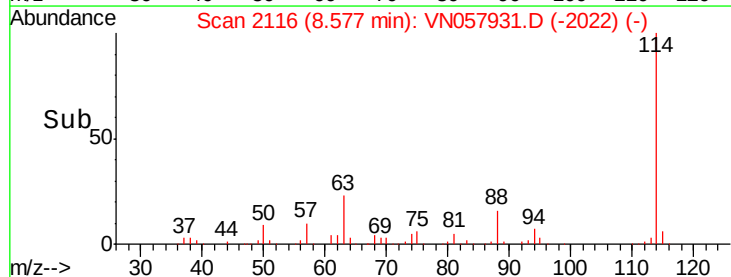
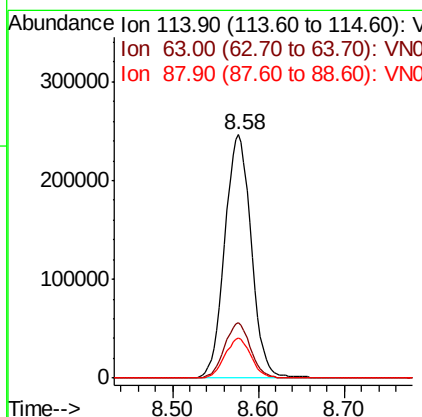
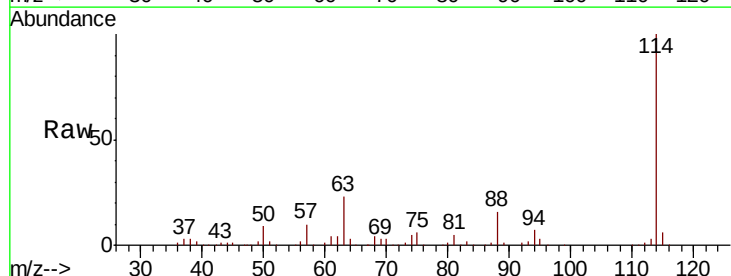
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBS01

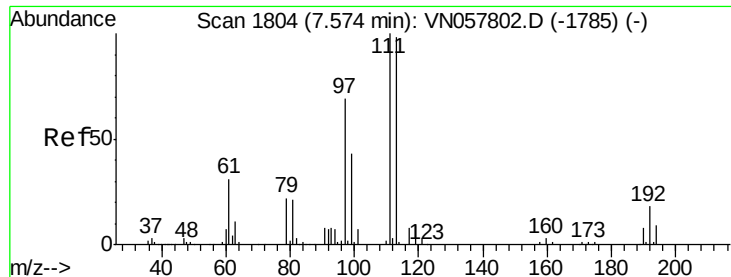
Tgt Ion: 65 Resp: 341147
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057931.D
 Acq: 11 Sep 2019 18:20

Tgt Ion: 114 Resp: 527756
 Ion Ratio Lower Upper
 114 100
 63 22.8 0.0 44.0
 88 16.5 0.0 31.4

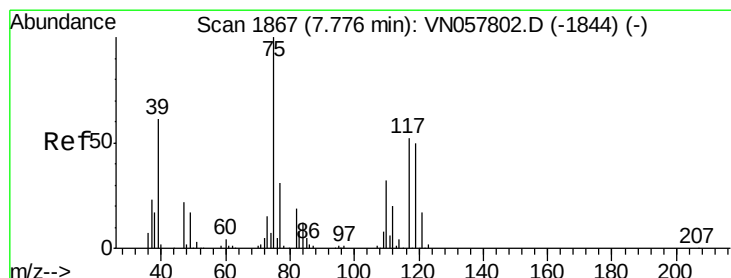
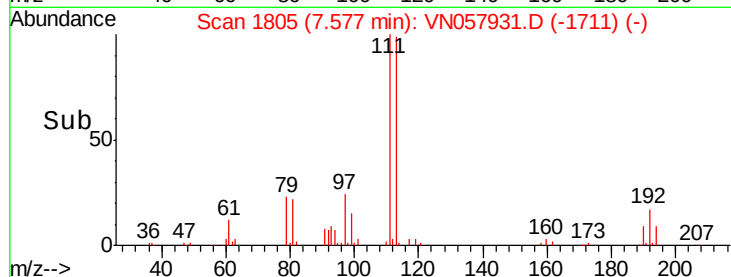
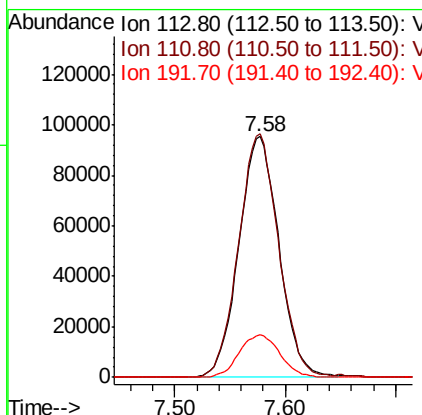
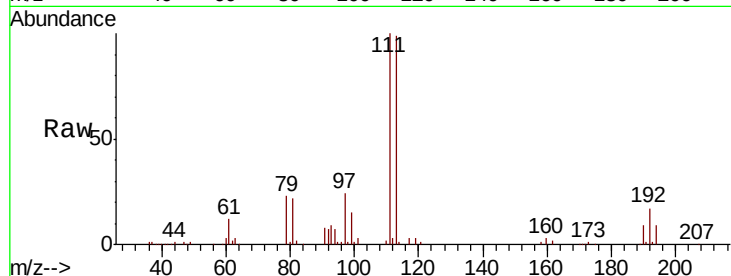




#35
 Dibromofluoromethane
 Concen: 49.179 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057931.D
 Acq: 11 Sep 2019 18:20

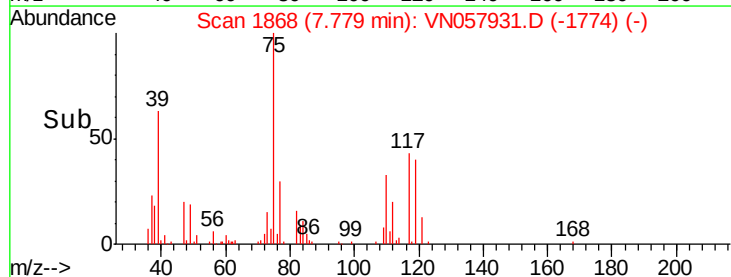
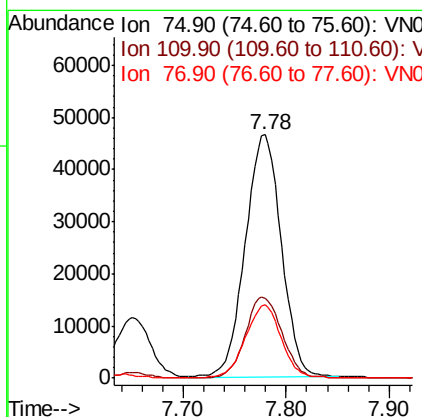
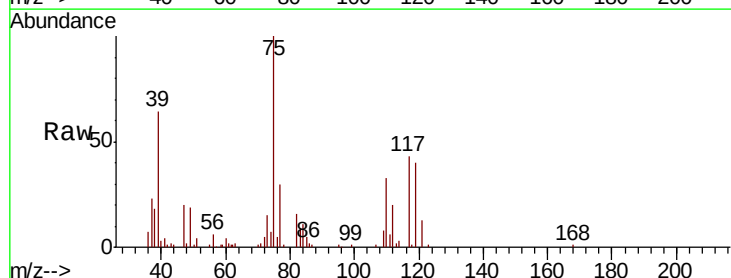
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBS01

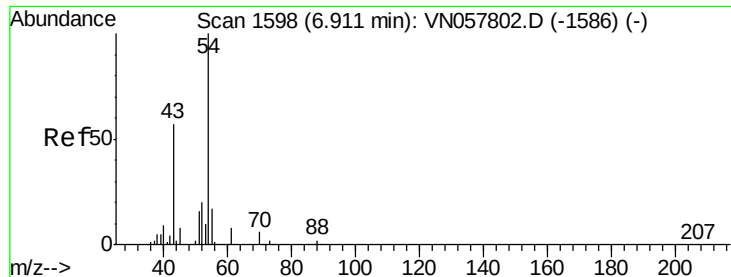
Tgt Ion: 113 Resp: 239552
 Ion Ratio Lower Upper
 113 100
 111 100.8 81.3 121.9
 192 18.0 14.6 22.0



#36
 1,1-Dichloropropene
 Concen: 18.440 ug/l
 RT: 7.78 min Scan# 1868
 Delta R.T. 0.00 min
 Lab File: VN057931.D
 Acq: 11 Sep 2019 18:20

Tgt Ion: 75 Resp: 112865
 Ion Ratio Lower Upper
 75 100
 110 34.0 16.3 48.9
 77 30.1 25.0 37.4

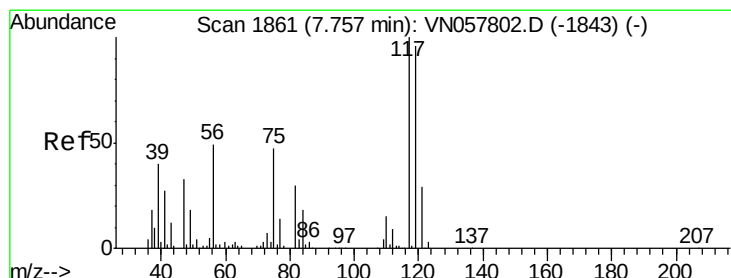
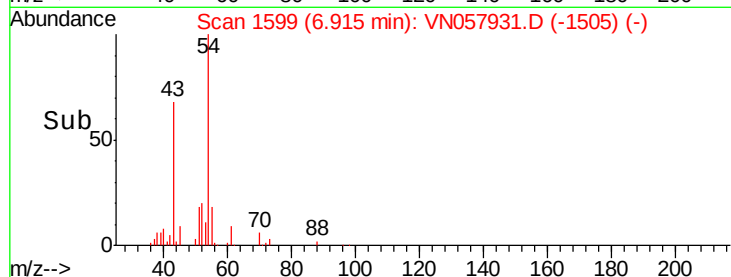
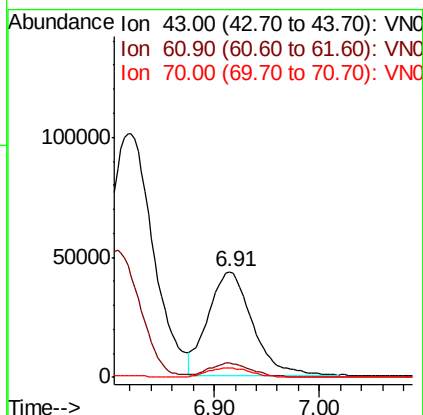
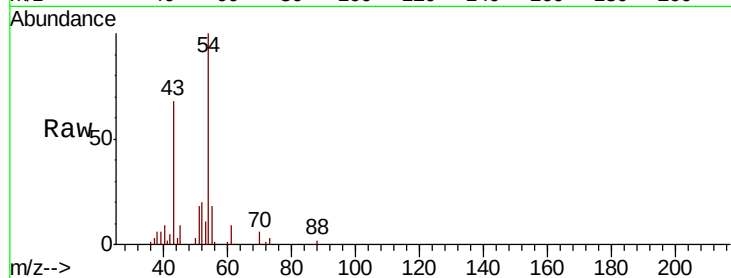




#37
 Ethyl Acetate
 Concen: 19.999 ug/l
 RT: 6.91 min Scan# 1599
 Delta R.T. 0.00 min
 Lab File: VN057931.D
 Acq: 11 Sep 2019 18:20

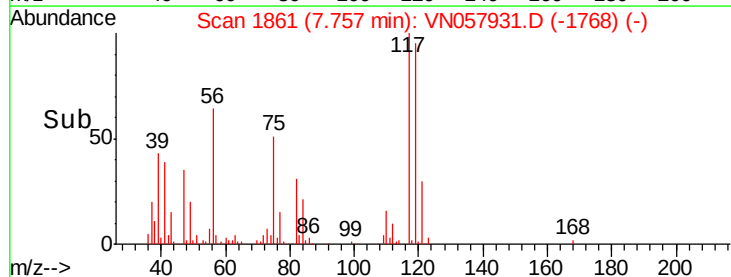
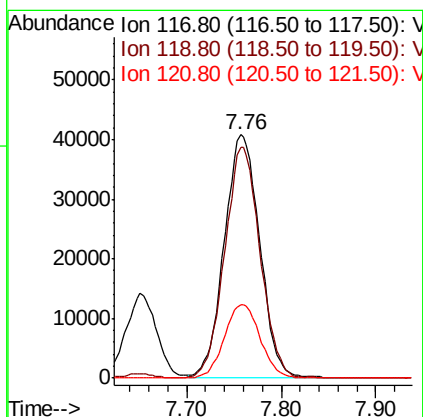
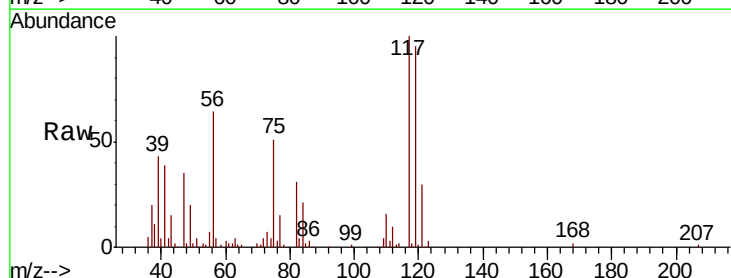
Instrument :
 MSVOA_N
 ClientSampled :
 VN0912WBS01

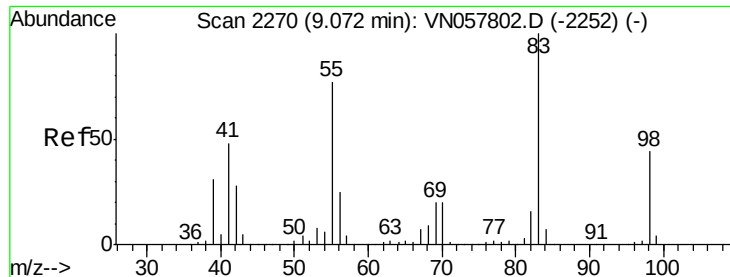
Tgt Ion: 43 Resp: 126469
 Ion Ratio Lower Upper
 43 100
 61 13.1 10.5 15.7
 70 9.2 7.4 11.0



#38
 Carbon Tetrachloride
 Concen: 19.065 ug/l
 RT: 7.76 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VN057931.D
 Acq: 11 Sep 2019 18:20

Tgt Ion: 117 Resp: 106538
 Ion Ratio Lower Upper
 117 100
 119 95.1 76.9 115.3
 121 30.0 23.4 35.2

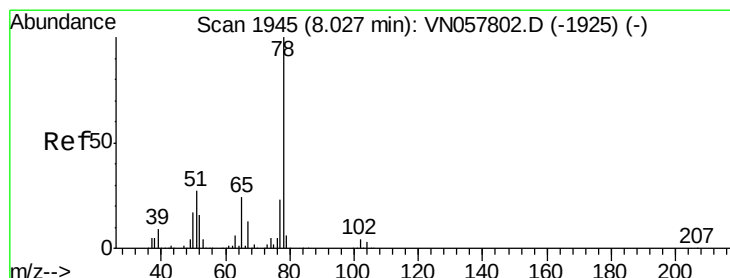
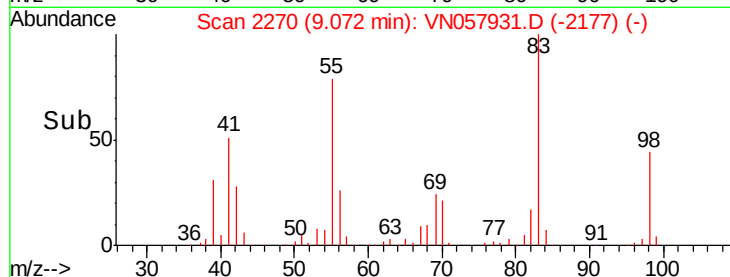
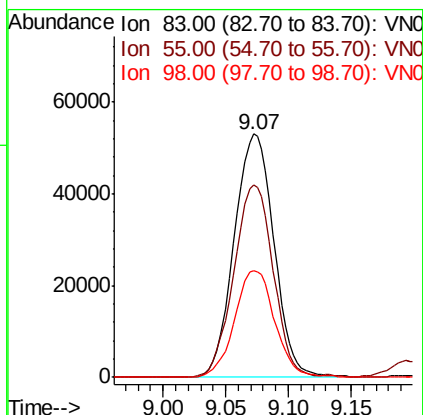
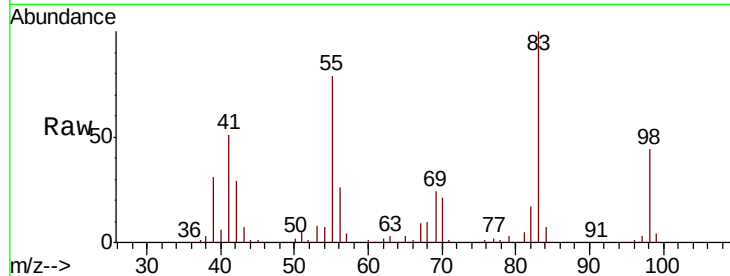




#39
Methylcyclohexane
Concen: 18.197 ug/l
RT: 9.07 min Scan# 2270
Delta R.T. 0.00 min
Lab File: VN057931.D
Acq: 11 Sep 2019 18:20

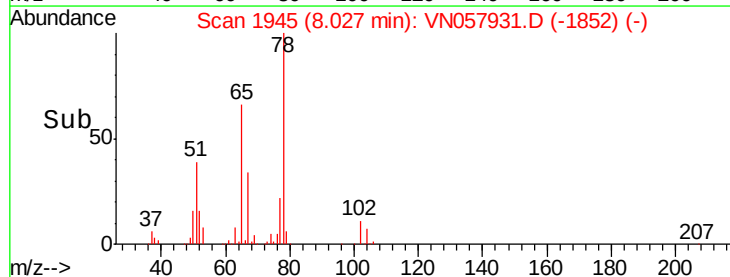
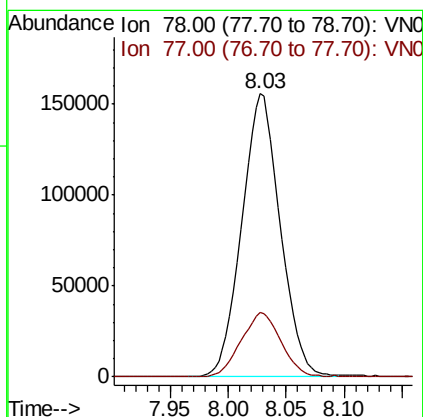
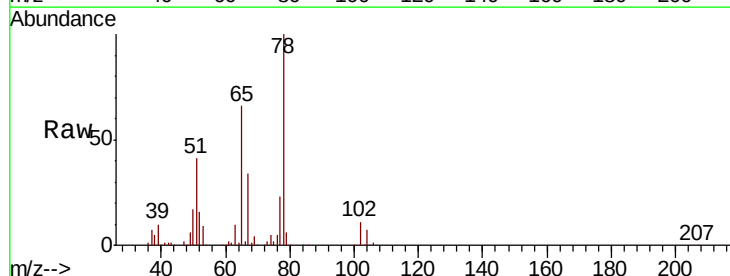
Instrument :
MSVOA_N
ClientSampled :
VN0912WBS01

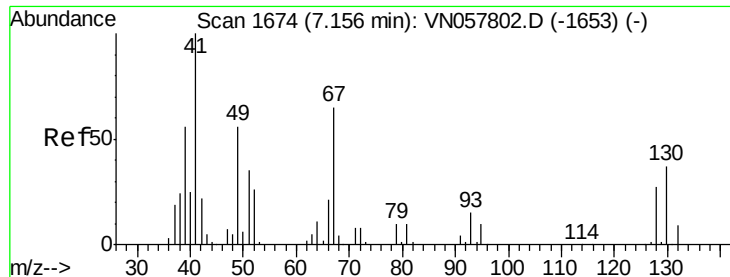
Tgt Ion: 83 Resp: 117081
Ion Ratio Lower Upper
83 100
55 79.3 61.6 92.4
98 43.8 34.9 52.3



#40
Benzene
Concen: 19.551 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. 0.00 min
Lab File: VN057931.D
Acq: 11 Sep 2019 18:20

Tgt Ion: 78 Resp: 360264
Ion Ratio Lower Upper
78 100
77 22.7 18.3 27.5

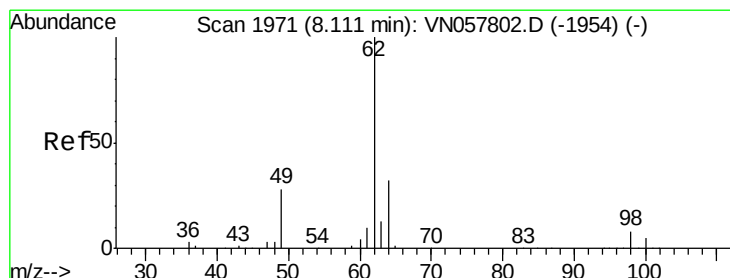
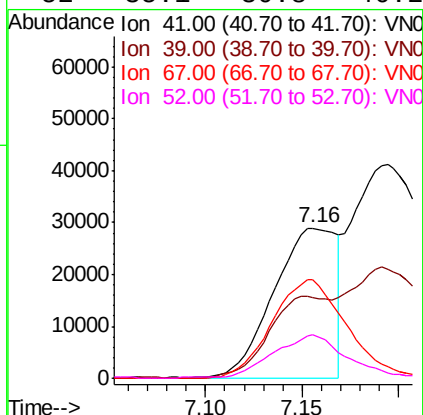
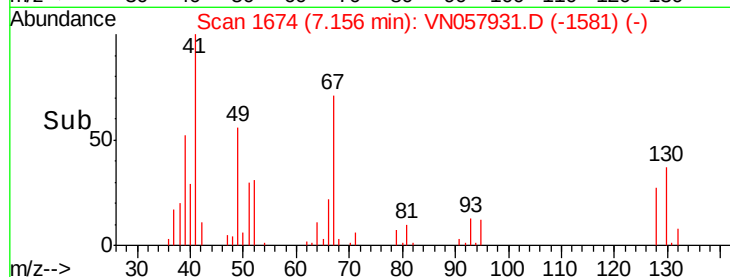
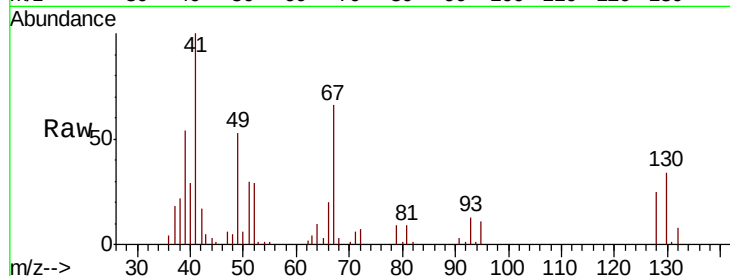




#41
Methacrylonitrile
Concen: 22.801 ug/l
RT: 7.16 min Scan# 1674
Delta R.T. 0.00 min
Lab File: VN057931.D
Acq: 11 Sep 2019 18:20

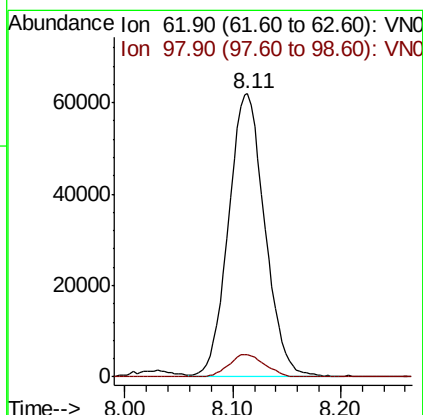
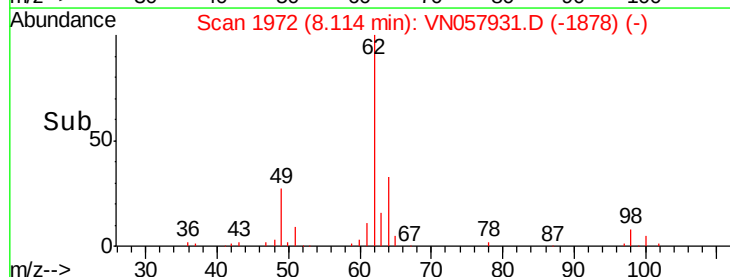
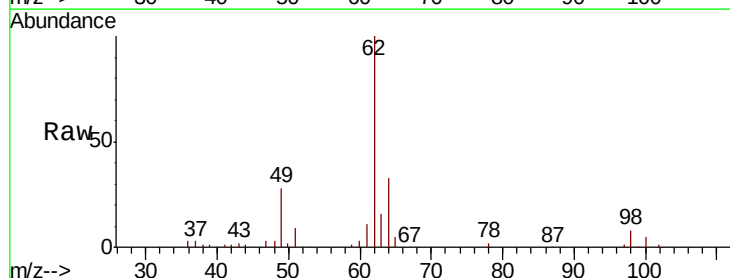
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01

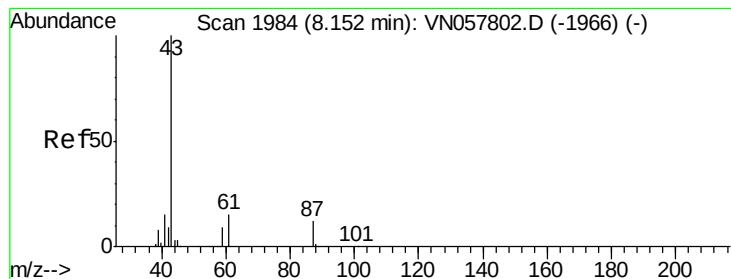
Tgt Ion: 41 Resp: 65452
Ion Ratio Lower Upper
41 100
39 52.7 51.0 76.6
67 78.9 70.7 106.1
52 35.1 30.8 46.2



#42
1,2-Dichloroethane
Concen: 19.546 ug/l
RT: 8.11 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VN057931.D
Acq: 11 Sep 2019 18:20

Tgt Ion: 62 Resp: 144044
Ion Ratio Lower Upper
62 100
98 7.9 0.0 15.8





#43

Isopropyl Acetate

Concen: 19.667 ug/l

RT: 8.16 min Scan# 1985

Delta R.T. 0.00 min

Lab File: VN057931.D

Acq: 11 Sep 2019 18:20

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBS01

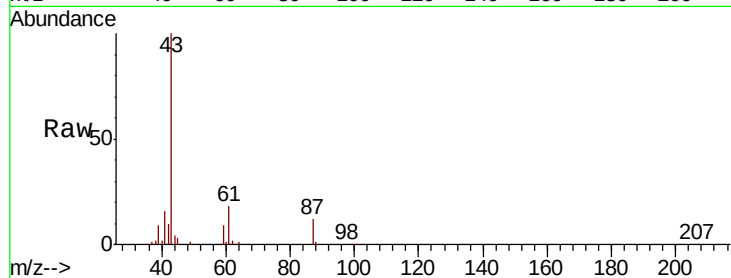
Tgt Ion: 43 Resp: 209148

Ion Ratio Lower Upper

43 100

61 18.3 20.1 30.1#

87 12.4 9.5 14.3

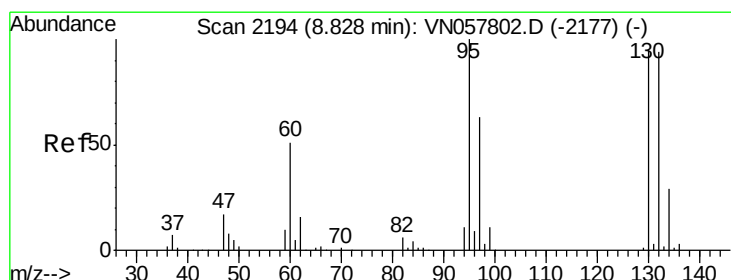
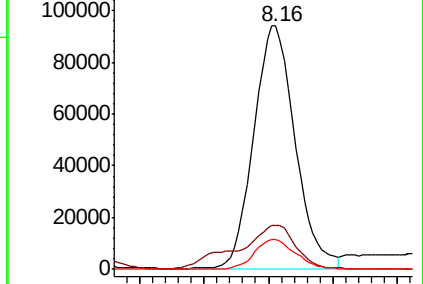
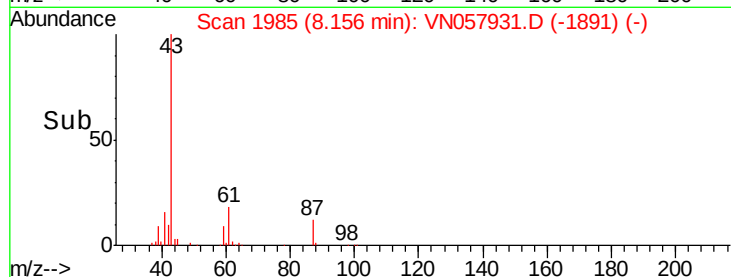


Abundance Ion 43.00 (42.70 to 43.70): VN057802.D (-1966) (-)

Ion 61.00 (60.70 to 61.70): VN057802.D (-1966) (-)

Ion 87.00 (86.70 to 87.70): VN057802.D (-1966) (-)

Time-->



#44

Trichloroethene

Concen: 18.883 ug/l

RT: 8.83 min Scan# 2194

Delta R.T. 0.00 min

Lab File: VN057931.D

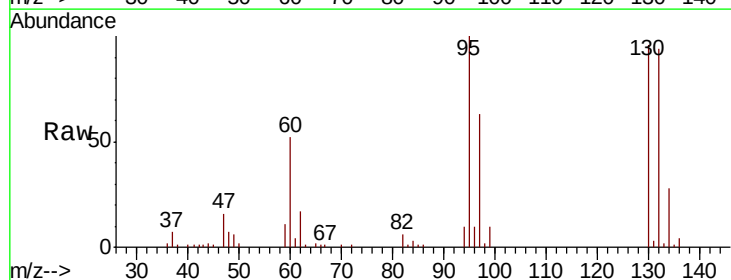
Acq: 11 Sep 2019 18:20

Tgt Ion: 130 Resp: 85344

Ion Ratio Lower Upper

130 100

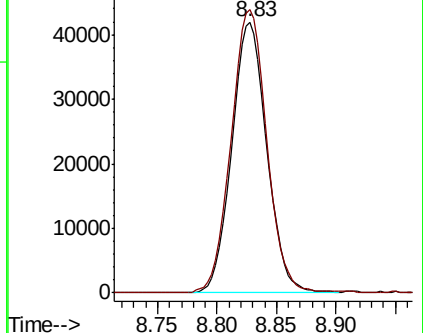
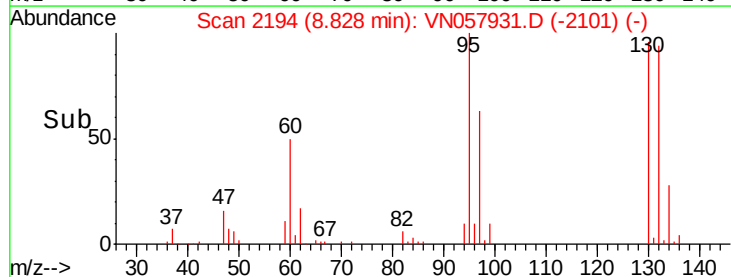
95 104.5 0.0 211.4

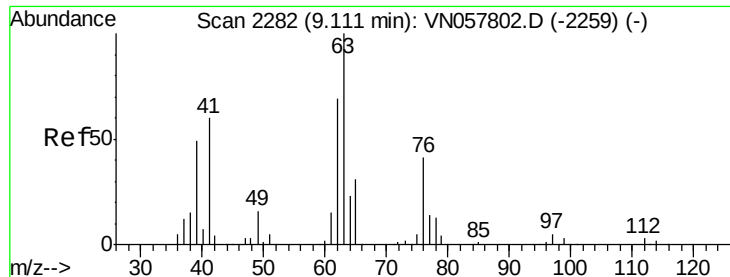


Abundance Ion 129.80 (129.50 to 130.50): VN057802.D (-2177) (-)

Ion 94.90 (94.60 to 95.60): VN057802.D (-2177) (-)

Time-->

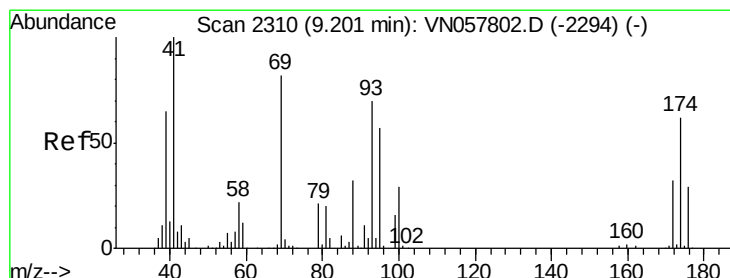
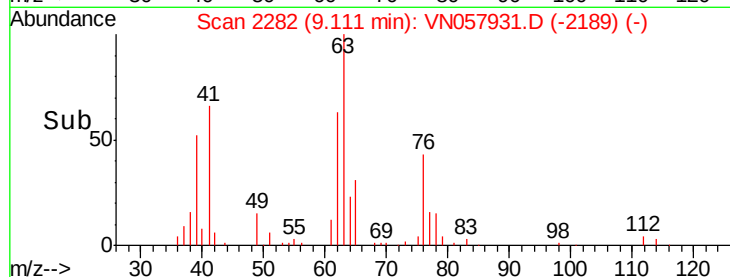
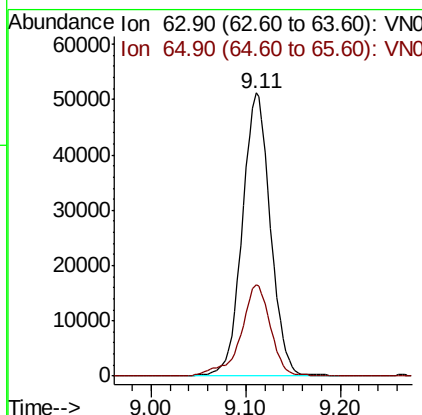
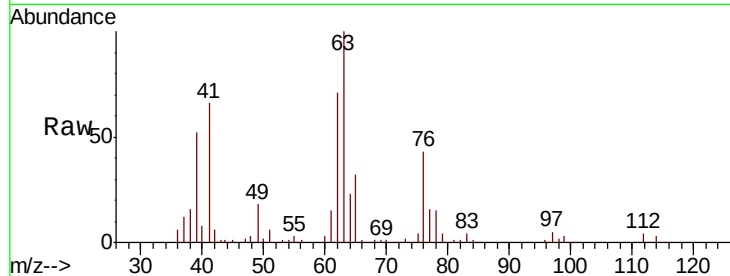




#45
 1,2-Dichloropropane
 Concen: 19.709 ug/l
 RT: 9.11 min Scan# 2282
 Delta R.T. 0.00 min
 Lab File: VN057931.D
 Acq: 11 Sep 2019 18:20

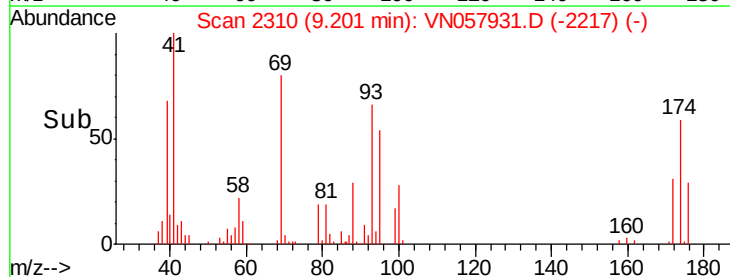
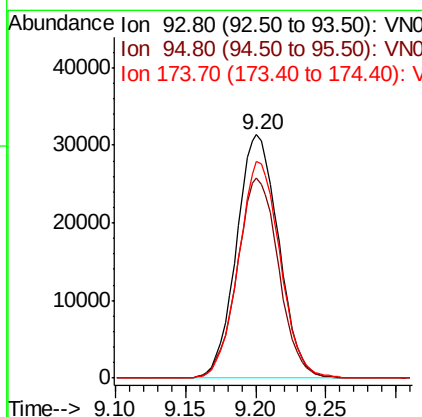
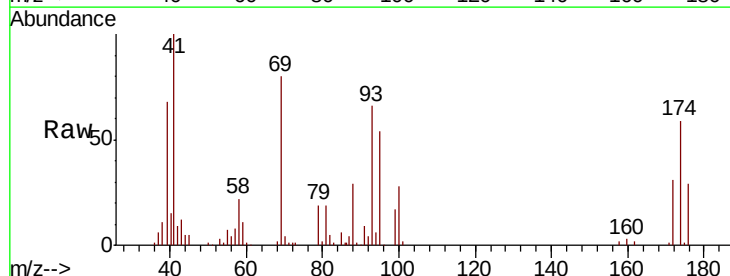
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBS01

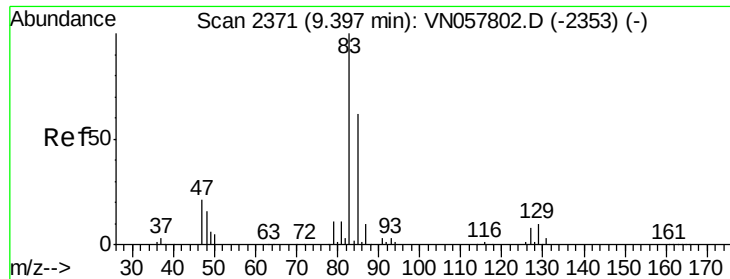
Tgt Ion: 63 Resp: 105681
 Ion Ratio Lower Upper
 63 100
 65 32.3 24.8 37.2



#46
 Dibromomethane
 Concen: 20.198 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN057931.D
 Acq: 11 Sep 2019 18:20

Tgt Ion: 93 Resp: 65445
 Ion Ratio Lower Upper
 93 100
 95 81.2 65.9 98.9
 174 88.0 71.8 107.6

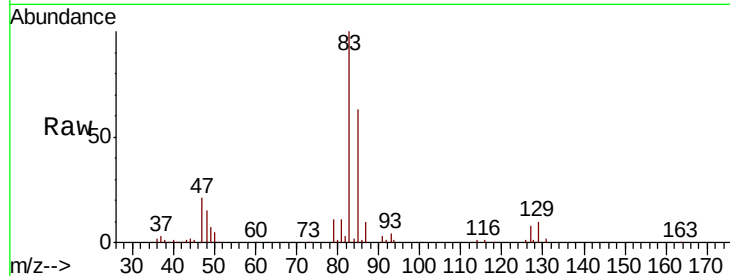




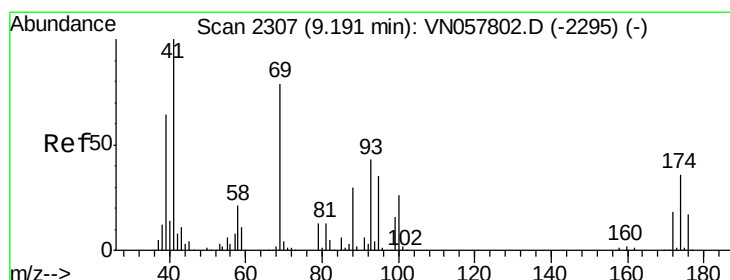
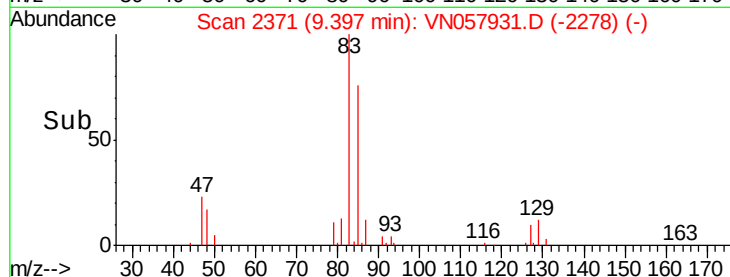
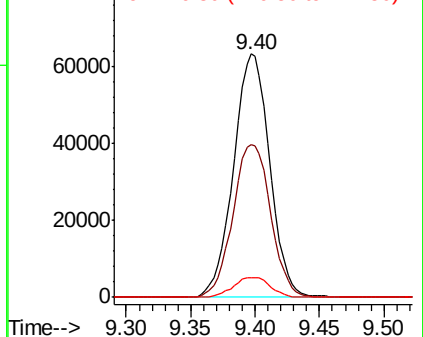
#47
 Bromodichloromethane
 Concen: 19.090 ug/l
 RT: 9.40 min Scan# 2371
 Delta R.T. 0.00 min
 Lab File: VN057931.D
 Acq: 11 Sep 2019 18:20

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBS01

Tgt Ion: 83 Resp: 123514
 Ion Ratio Lower Upper
 83 100
 85 62.9 49.9 74.9
 127 8.1 6.5 9.7

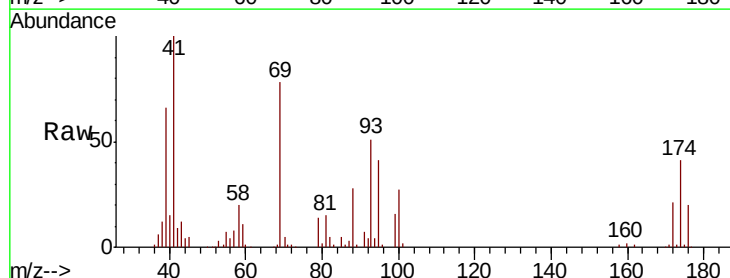


Abundance Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 126.80 (126.50 to 127.50): VN0

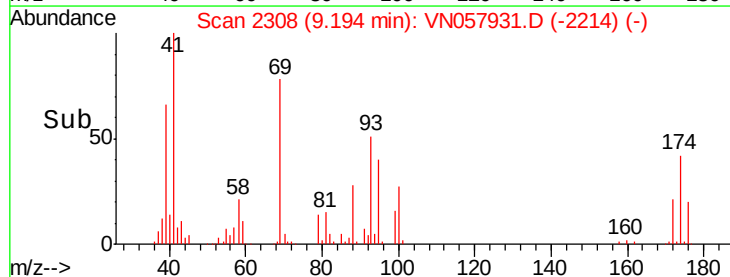
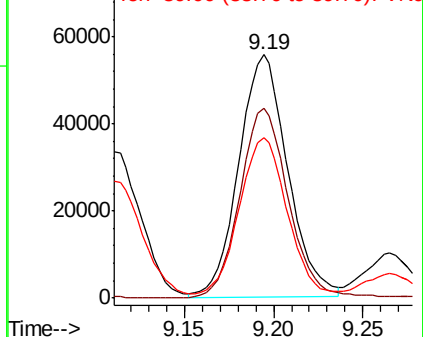


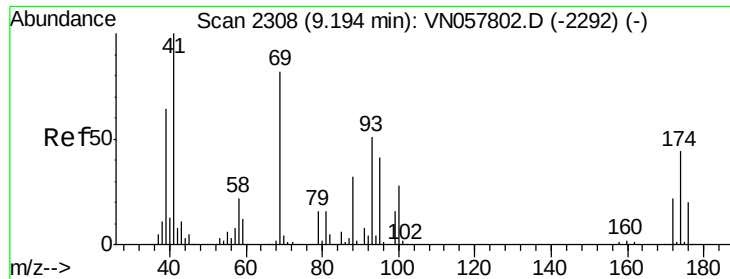
#48
 Methyl methacrylate
 Concen: 19.763 ug/l
 RT: 9.19 min Scan# 2308
 Delta R.T. 0.00 min
 Lab File: VN057931.D
 Acq: 11 Sep 2019 18:20

Tgt Ion: 41 Resp: 106611
 Ion Ratio Lower Upper
 41 100
 69 78.0 62.7 94.1
 39 65.1 52.7 79.1



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

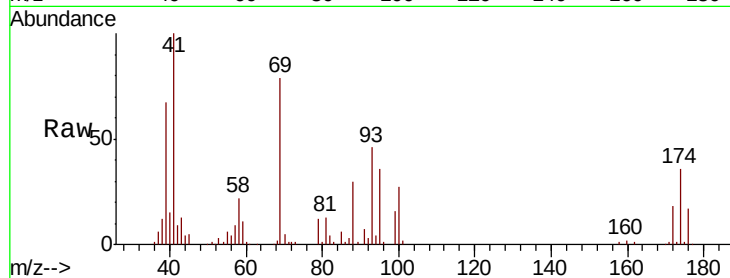




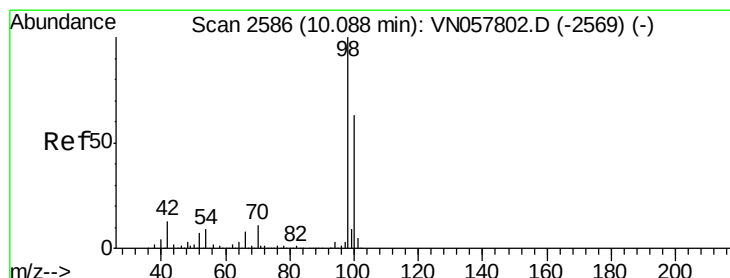
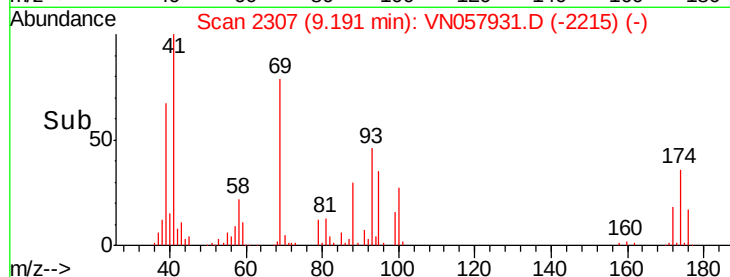
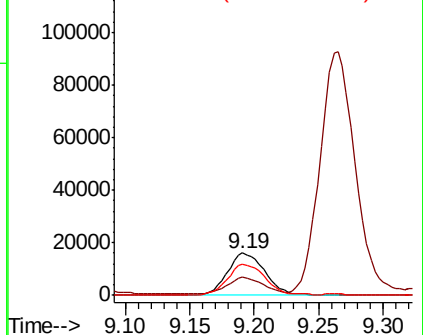
#49
 1,4-Dioxane
 Concen: 359.496 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. -0.00 min
 Lab File: VN057931.D
 Acq: 11 Sep 2019 18:20

Instrument :
 MSVOA_N
 ClientSampled :
 VN0912WBS01

Tgt Ion: 88 Resp: 32795
 Ion Ratio Lower Upper
 88 100
 43 38.6 28.5 42.7
 58 74.0 55.8 83.6

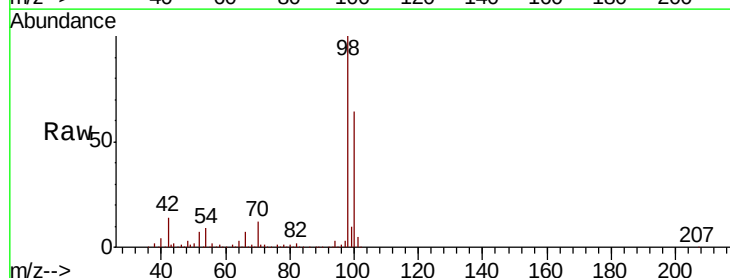


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

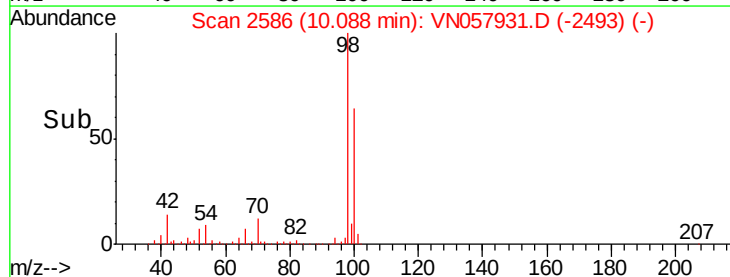
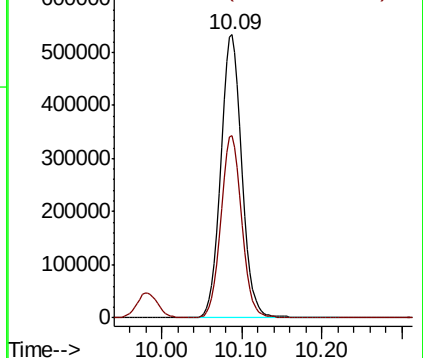


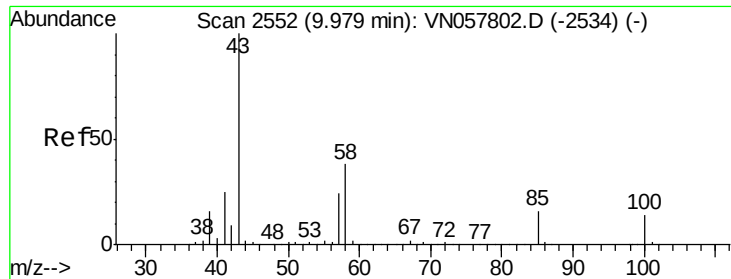
#50
 Toluene-d8
 Concen: 51.529 ug/l
 RT: 10.09 min Scan# 2586
 Delta R.T. 0.00 min
 Lab File: VN057931.D
 Acq: 11 Sep 2019 18:20

Tgt Ion: 98 Resp: 974499
 Ion Ratio Lower Upper
 98 100
 100 63.3 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): VN0

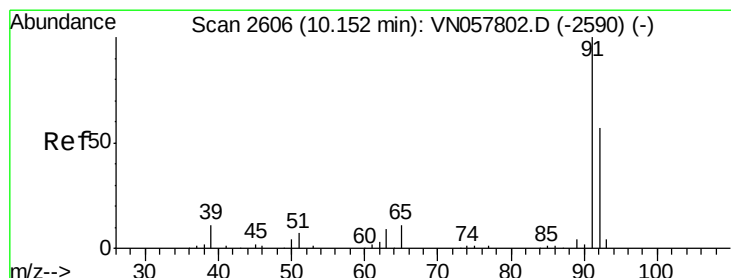
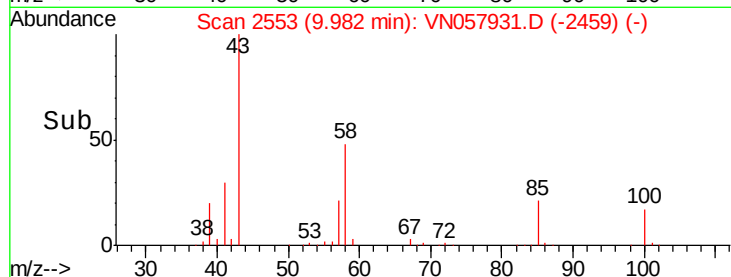
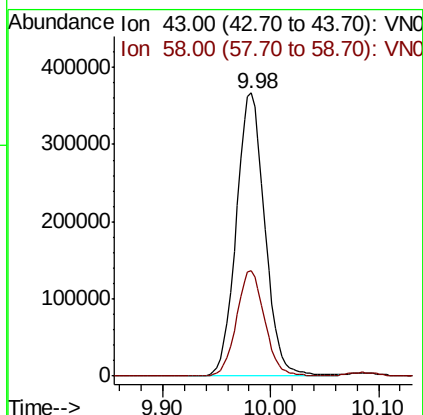
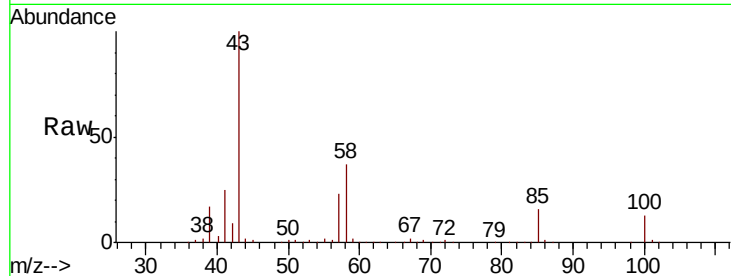




#51
 4-Methyl-2-Pentanone
 Concen: 107.364 ug/l
 RT: 9.98 min Scan# 2553
 Delta R.T. 0.00 min
 Lab File: VN057931.D
 Acq: 11 Sep 2019 18:20

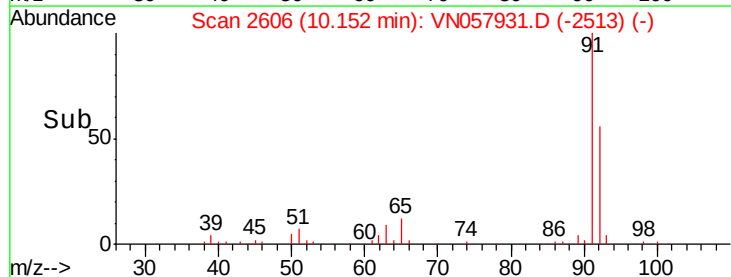
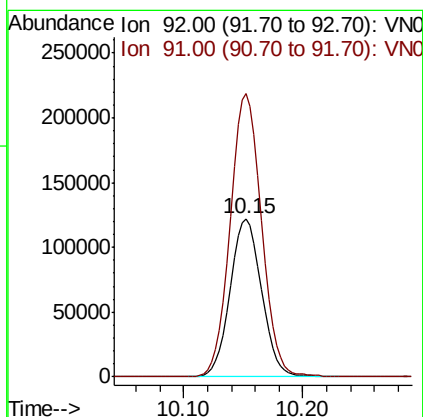
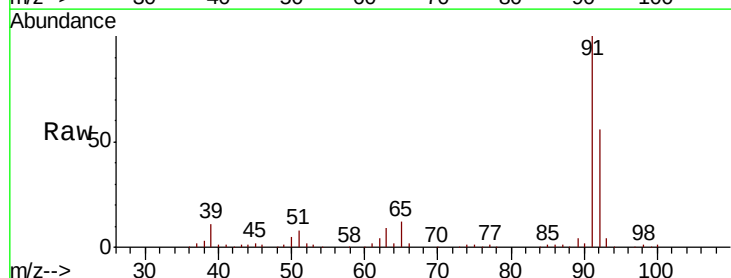
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBS01

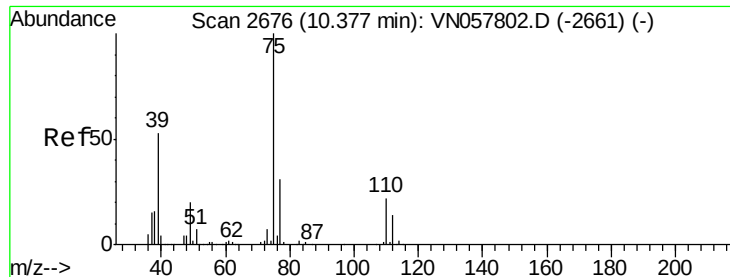
Tgt Ion: 43 Resp: 675655
 Ion Ratio Lower Upper
 43 100
 58 36.9 29.8 44.6



#52
 Toluene
 Concen: 19.327 ug/l
 RT: 10.15 min Scan# 2606
 Delta R.T. 0.00 min
 Lab File: VN057931.D
 Acq: 11 Sep 2019 18:20

Tgt Ion: 92 Resp: 224309
 Ion Ratio Lower Upper
 92 100
 91 177.9 141.0 211.6





#53

t-1,3-Dichloropropene

Concen: 18.551 ug/l

RT: 10.38 min Scan# 2677

Delta R.T. 0.00 min

Lab File: VN057931.D

Acq: 11 Sep 2019 18:20

Instrument :

MSVOA_N

ClientSampleId :

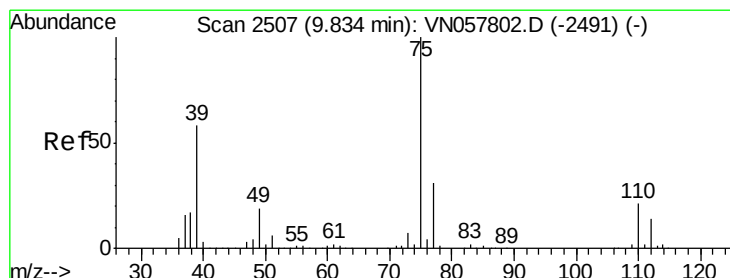
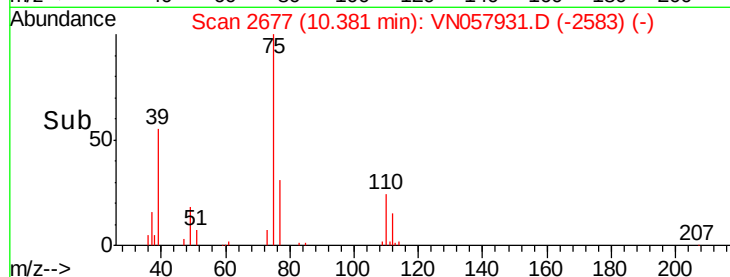
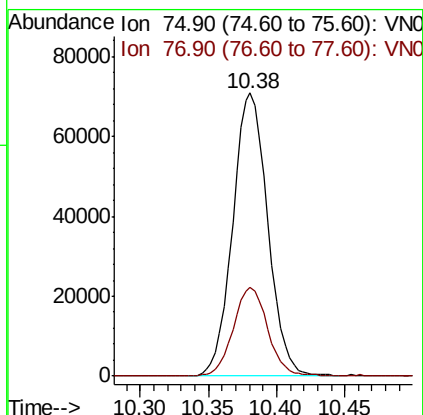
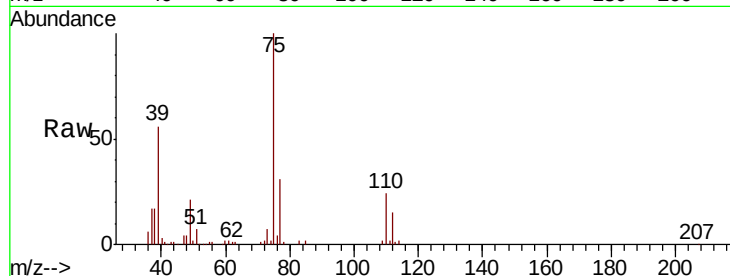
VN0912WBS01

Tgt Ion: 75 Resp: 126396

Ion Ratio Lower Upper

75 100

77 31.1 24.5 36.7



#54

cis-1,3-Dichloropropene

Concen: 18.924 ug/l

RT: 9.84 min Scan# 2508

Delta R.T. 0.00 min

Lab File: VN057931.D

Acq: 11 Sep 2019 18:20

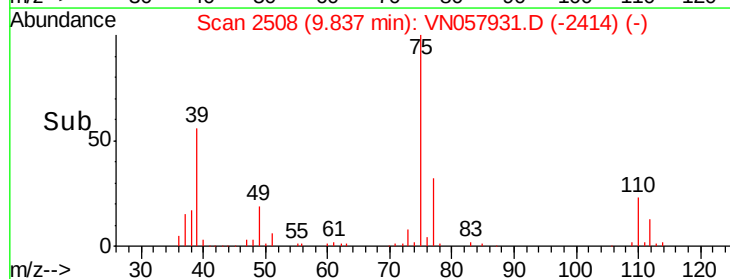
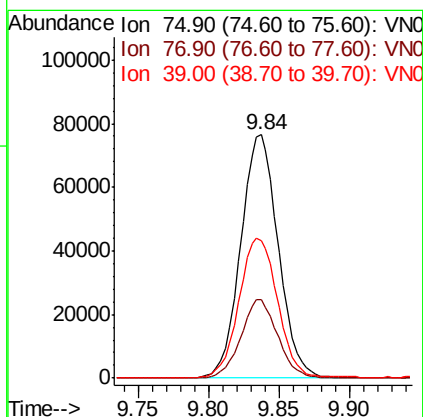
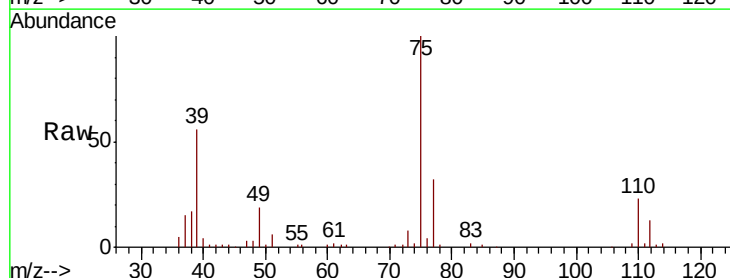
Tgt Ion: 75 Resp: 142356

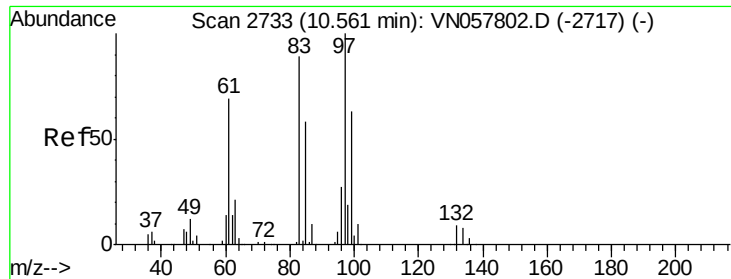
Ion Ratio Lower Upper

75 100

77 32.0 24.8 37.2

39 56.0 46.2 69.4

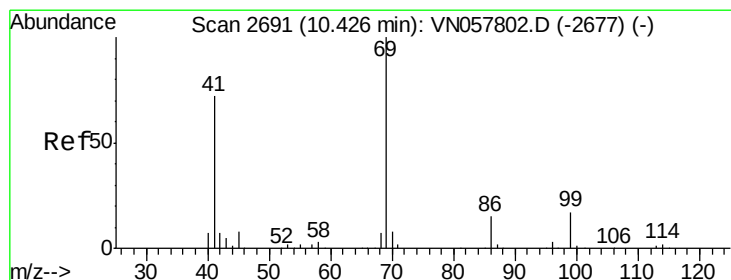
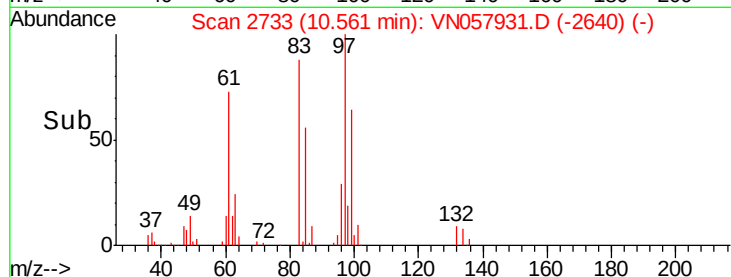
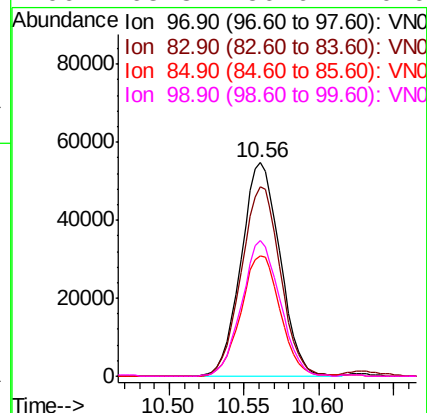
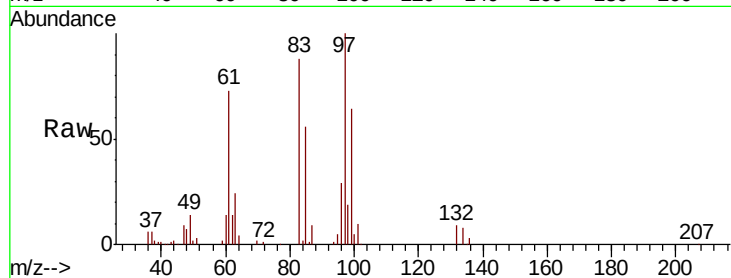




#55
 1,1,2-Trichloroethane
 Concen: 20.231 ug/l
 RT: 10.56 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: VN057931.D
 Acq: 11 Sep 2019 18:20

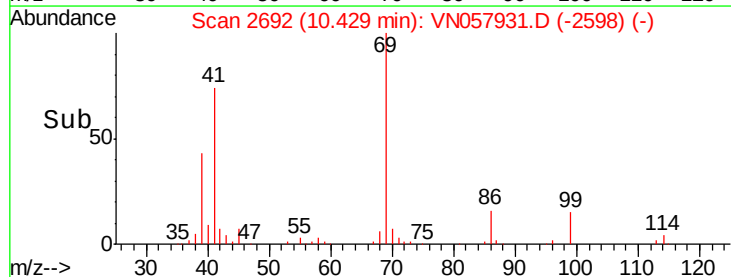
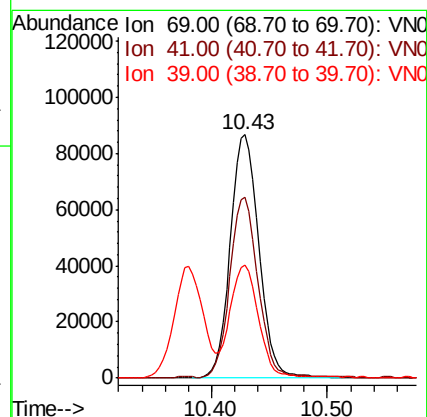
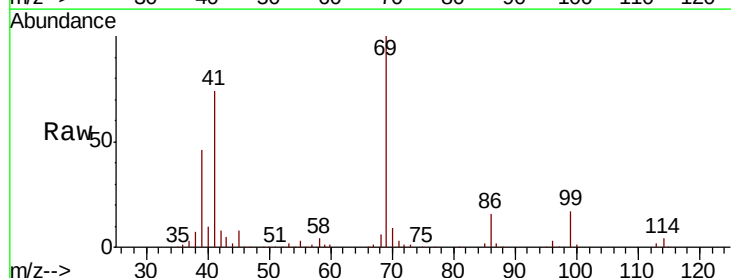
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBS01

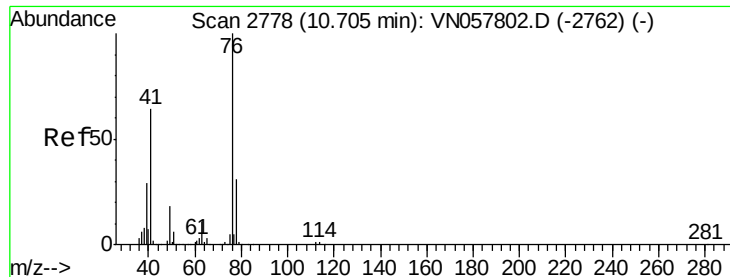
Tgt Ion: 97 Resp: 99459
 Ion Ratio Lower Upper
 97 100
 83 88.4 70.8 106.2
 85 56.5 46.0 69.0
 99 63.8 50.6 76.0



#56
 Ethyl methacrylate
 Concen: 20.106 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. 0.00 min
 Lab File: VN057931.D
 Acq: 11 Sep 2019 18:20

Tgt Ion: 69 Resp: 148847
 Ion Ratio Lower Upper
 69 100
 41 71.8 56.7 85.1
 39 45.8 36.3 54.5





#57

1,3-Dichloropropane

Concen: 20.307 ug/l

RT: 10.71 min Scan# 2778

Delta R.T. 0.00 min

Lab File: VN057931.D

Acq: 11 Sep 2019 18:20

Instrument :

MSVOA_N

ClientSampled :

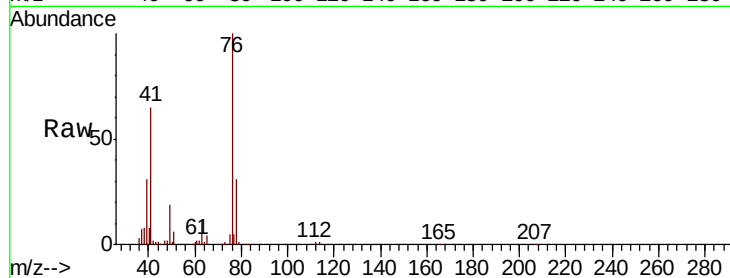
VN0912WBS01

Tgt Ion: 76 Resp: 172047

Ion Ratio Lower Upper

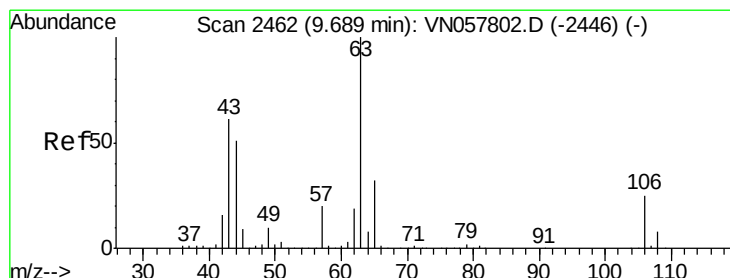
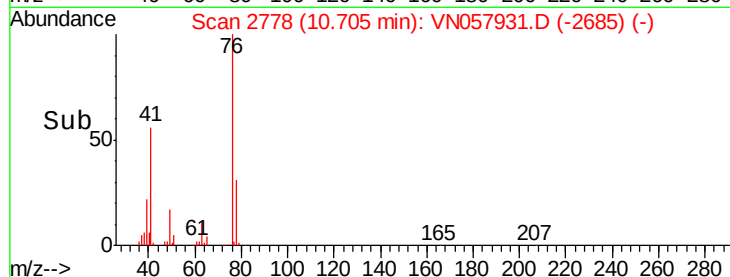
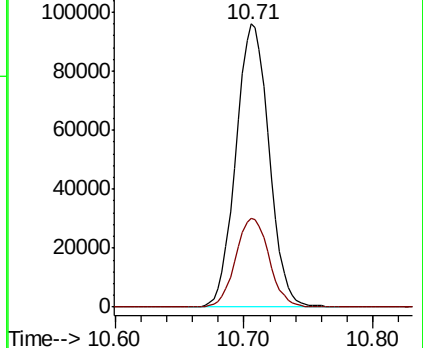
76 100

78 31.7 25.4 38.2



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 101.984 ug/l

RT: 9.69 min Scan# 2462

Delta R.T. 0.00 min

Lab File: VN057931.D

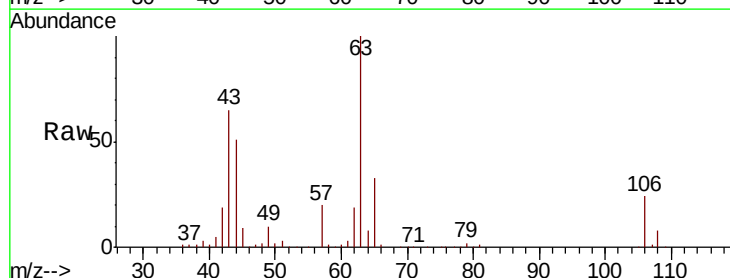
Acq: 11 Sep 2019 18:20

Tgt Ion: 63 Resp: 355603

Ion Ratio Lower Upper

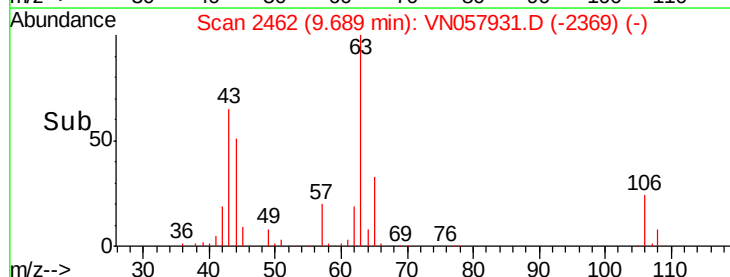
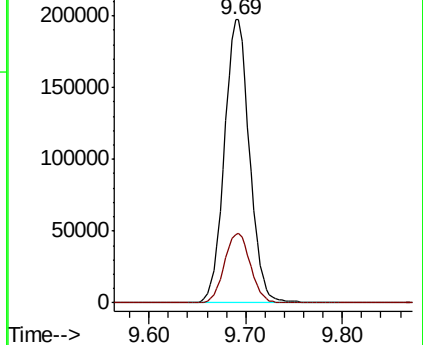
63 100

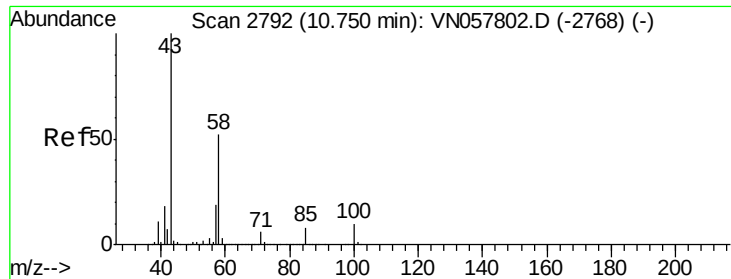
106 25.6 20.0 30.0



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

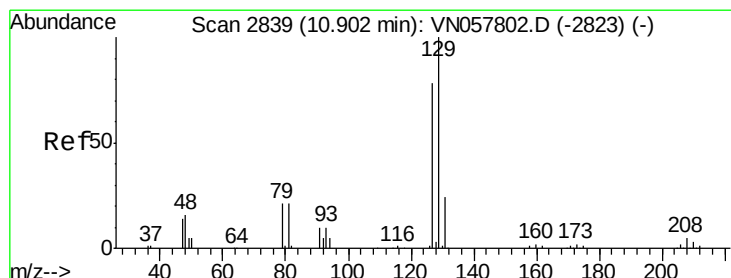
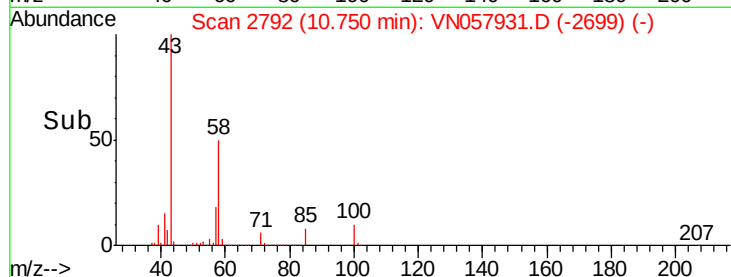
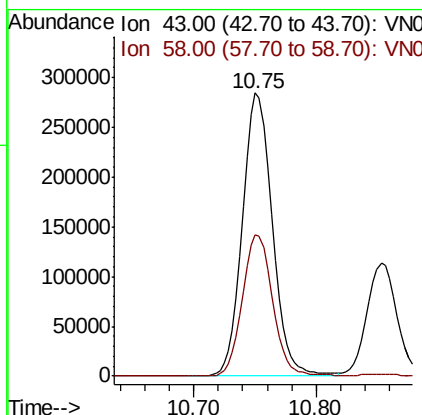
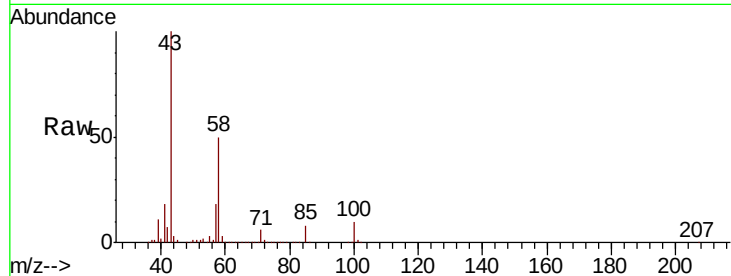




#59
2-Hexanone
Concen: 101.501 ug/l
RT: 10.75 min Scan# 2792
Delta R.T. 0.00 min
Lab File: VN057931.D
Acq: 11 Sep 2019 18:20

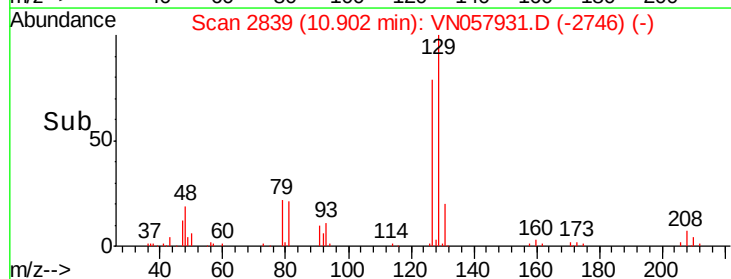
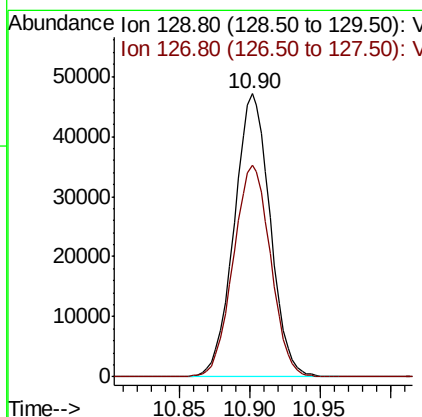
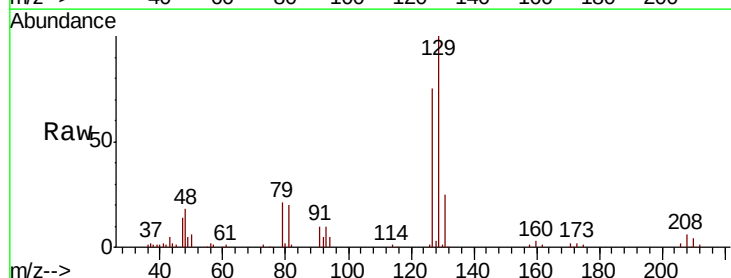
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01

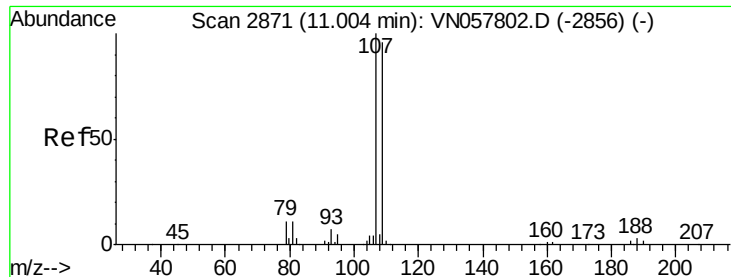
Tgt Ion: 43 Resp: 478775
Ion Ratio Lower Upper
43 100
58 50.6 25.6 76.8



#60
Dibromochloromethane
Concen: 18.422 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. 0.00 min
Lab File: VN057931.D
Acq: 11 Sep 2019 18:20

Tgt Ion: 129 Resp: 84098
Ion Ratio Lower Upper
129 100
127 77.4 38.6 116.0

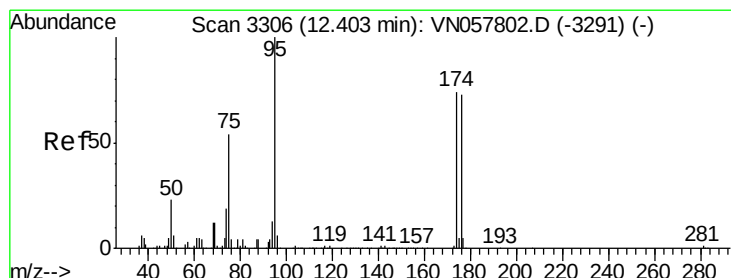
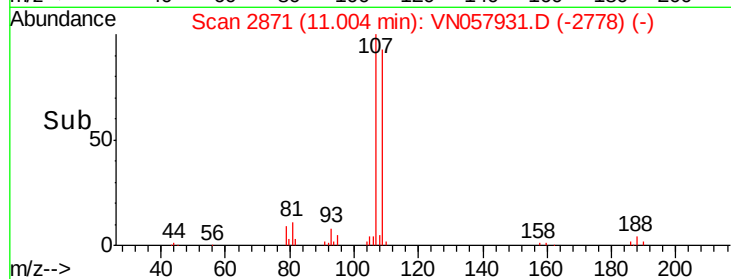
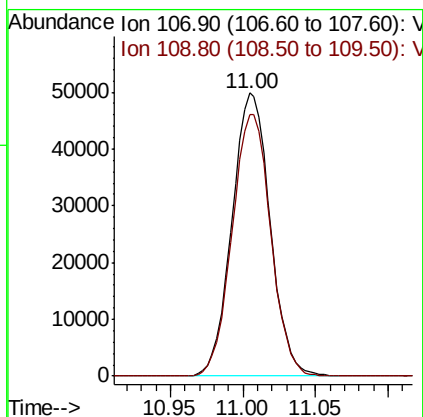
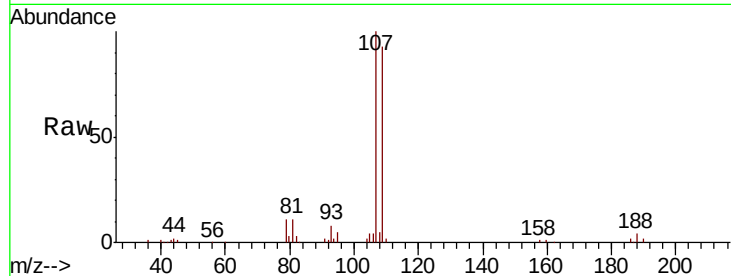




#61
 1,2-Dibromoethane
 Concen: 19.557 ug/l
 RT: 11.00 min Scan# 2871
 Delta R.T. 0.00 min
 Lab File: VN057931.D
 Acq: 11 Sep 2019 18:20

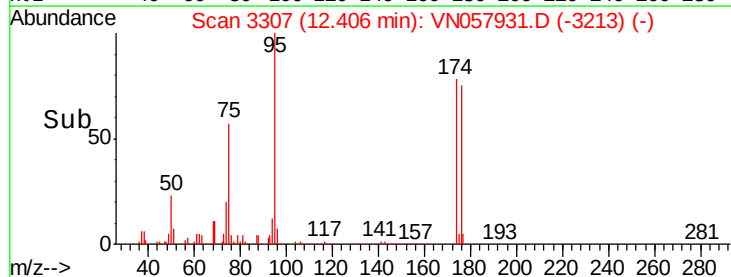
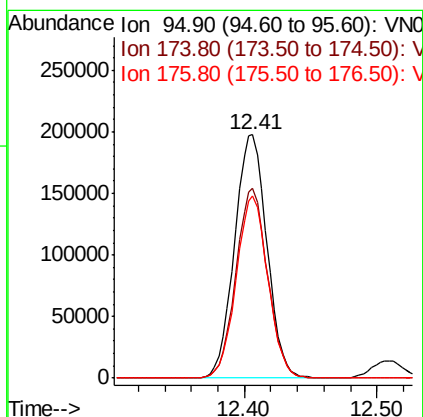
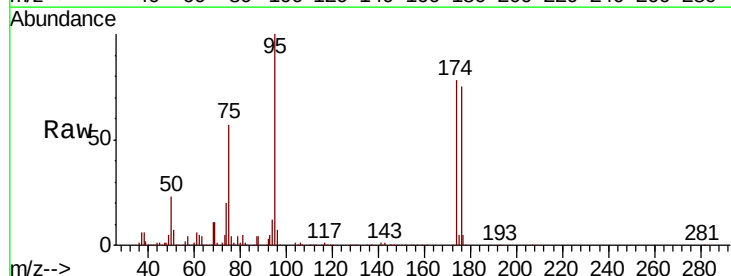
Instrument :
 MSVOA_N
 ClientSampled :
 VN0912WBS01

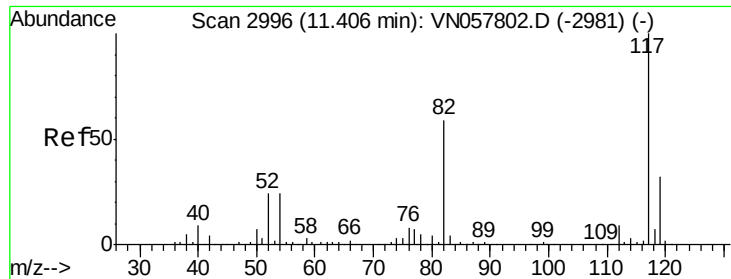
Tgt Ion: 107 Resp: 90895
 Ion Ratio Lower Upper
 107 100
 109 93.6 75.3 112.9



#62
 4-Bromofluorobenzene
 Concen: 46.443 ug/l
 RT: 12.41 min Scan# 3307
 Delta R.T. 0.00 min
 Lab File: VN057931.D
 Acq: 11 Sep 2019 18:20

Tgt Ion: 95 Resp: 334719
 Ion Ratio Lower Upper
 95 100
 174 76.4 0.0 150.2
 176 73.2 0.0 146.0

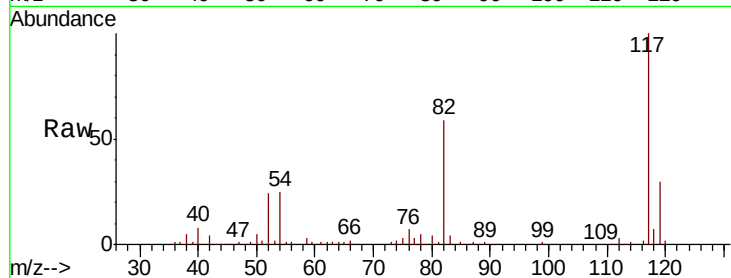




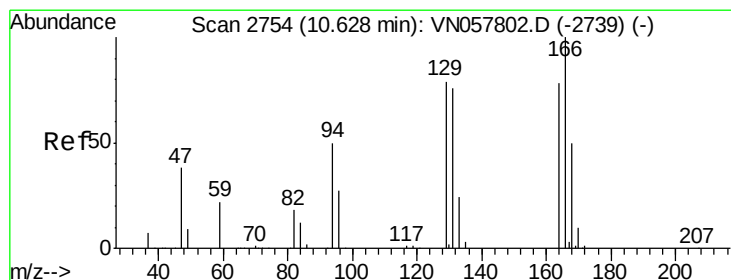
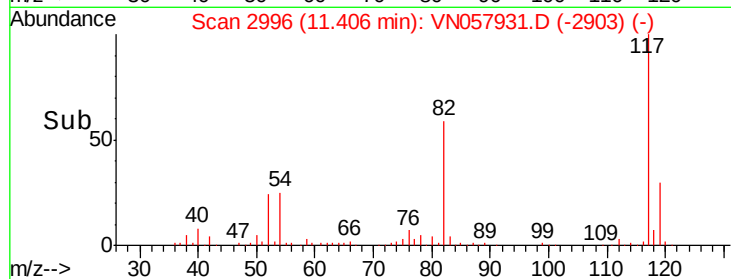
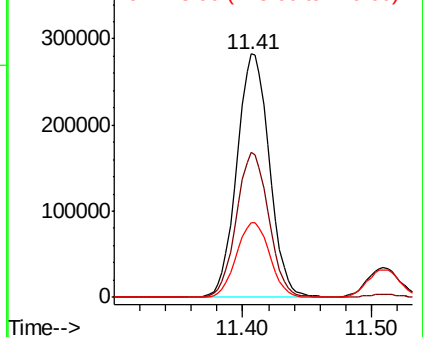
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057931.D
Acq: 11 Sep 2019 18:20

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01

Tgt Ion:117 Resp: 495723
Ion Ratio Lower Upper
117 100
82 59.4 47.2 70.8
119 30.5 25.3 37.9

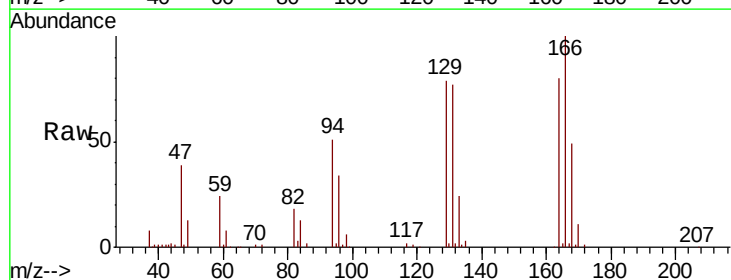


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

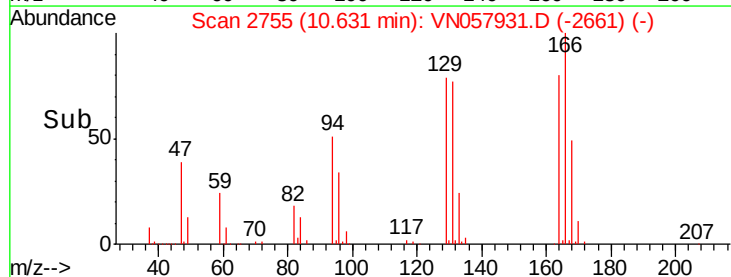
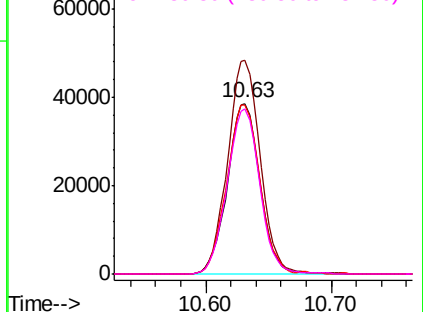


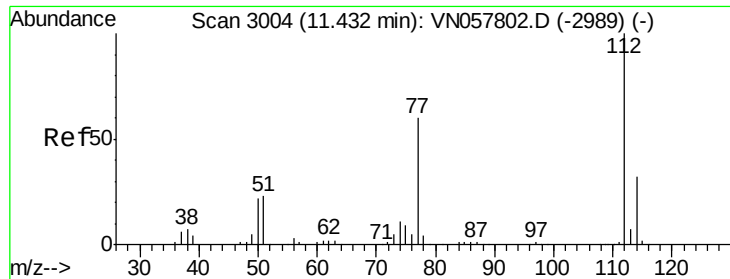
#64
Tetrachloroethene
Concen: 19.000 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. 0.00 min
Lab File: VN057931.D
Acq: 11 Sep 2019 18:20

Tgt Ion:164 Resp: 69542
Ion Ratio Lower Upper
164 100
166 125.1 102.2 153.2
129 99.0 80.8 121.2
131 96.4 77.4 116.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

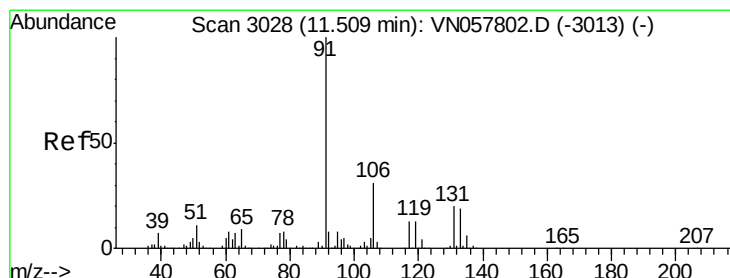
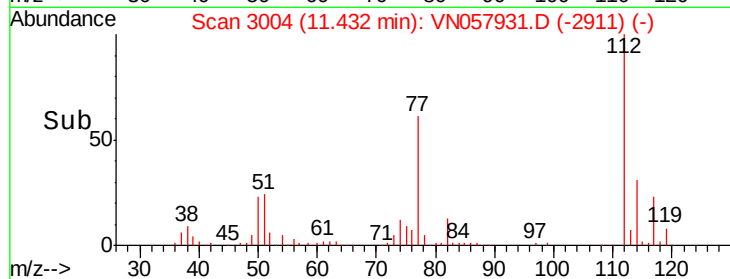
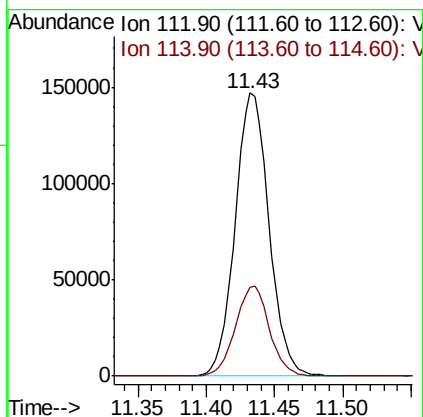
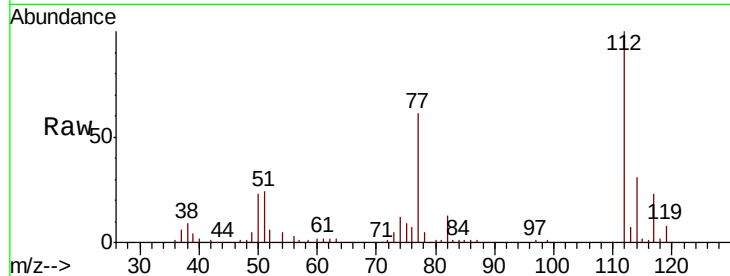




#65
Chlorobenzene
Concen: 19.549 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. 0.00 min
Lab File: VN057931.D
Acq: 11 Sep 2019 18:20

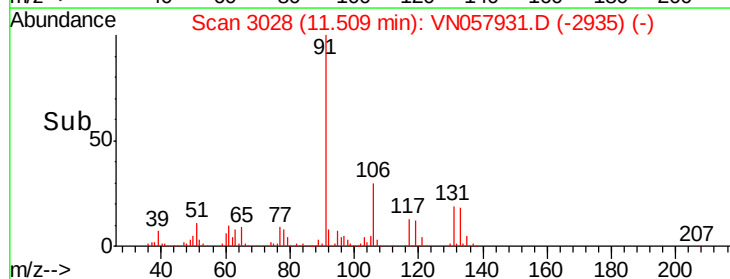
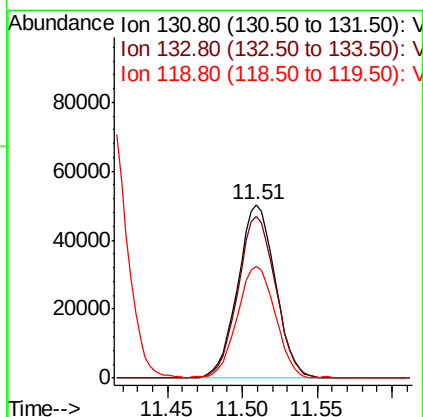
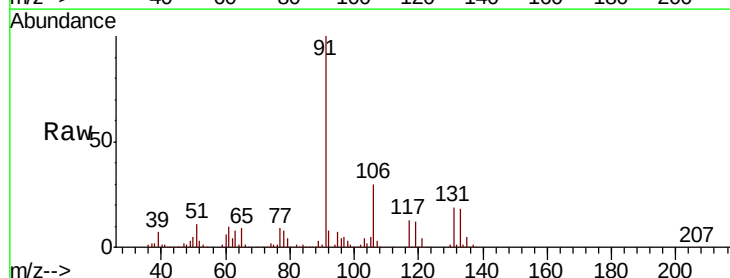
Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01

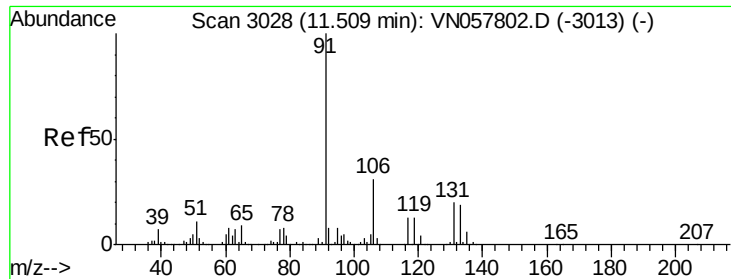
Tgt Ion:112 Resp: 253614
Ion Ratio Lower Upper
112 100
114 31.2 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.526 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN057931.D
Acq: 11 Sep 2019 18:20

Tgt Ion:131 Resp: 87900
Ion Ratio Lower Upper
131 100
133 94.0 47.1 141.3
119 64.5 33.3 99.8

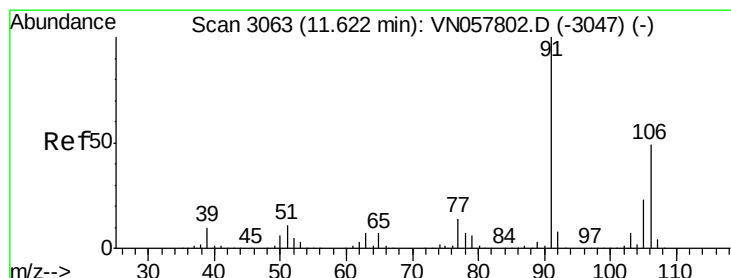
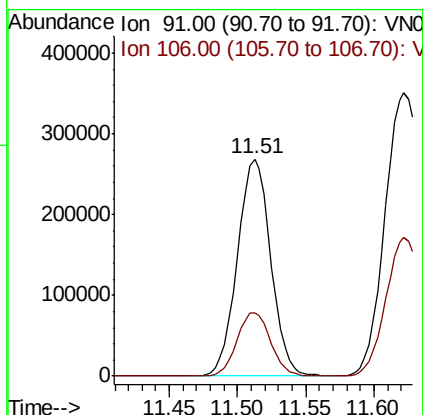
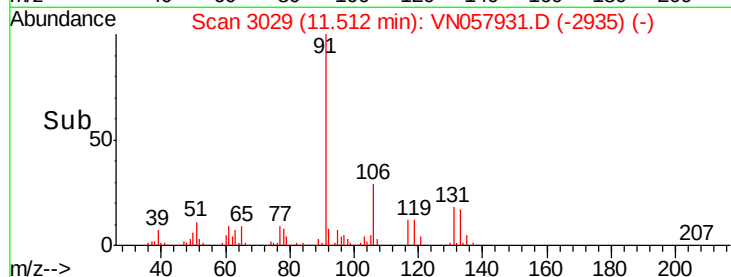
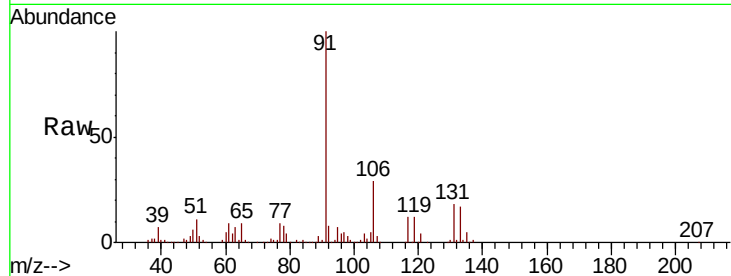




#67
Ethyl Benzene
Concen: 20.071 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN057931.D
Acq: 11 Sep 2019 18:20

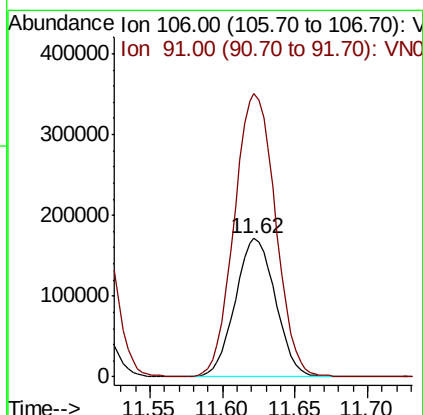
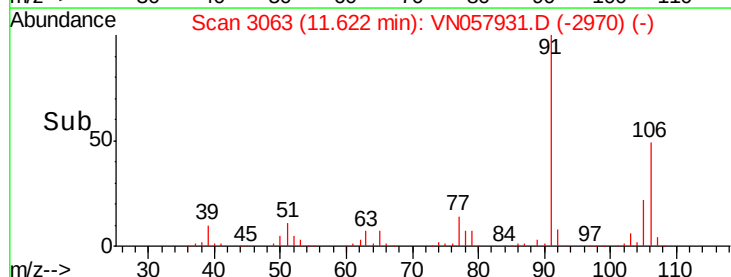
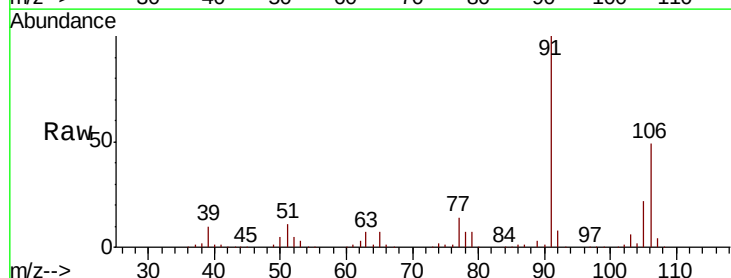
Instrument :
MSVOA_N
ClientSampled :
VN0912WBS01

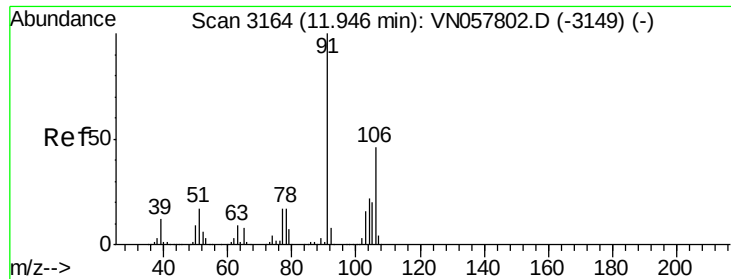
Tgt Ion: 91 Resp: 456333
Ion Ratio Lower Upper
91 100
106 29.3 24.4 36.6



#68
m/p-Xylenes
Concen: 39.796 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. 0.00 min
Lab File: VN057931.D
Acq: 11 Sep 2019 18:20

Tgt Ion: 106 Resp: 331433
Ion Ratio Lower Upper
106 100
91 208.3 165.8 248.6

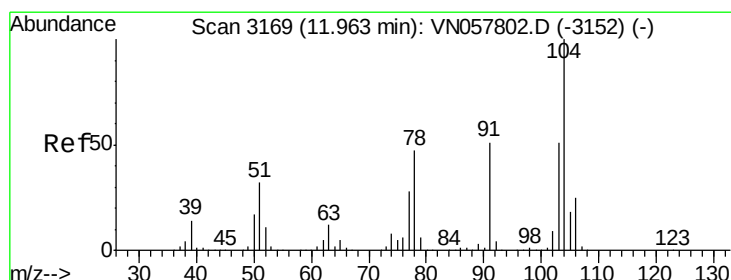
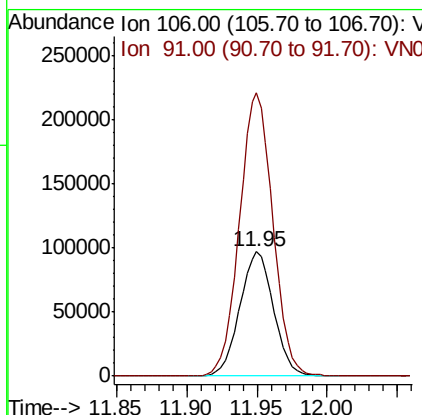
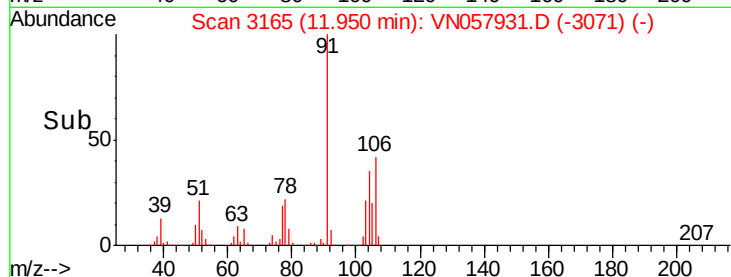
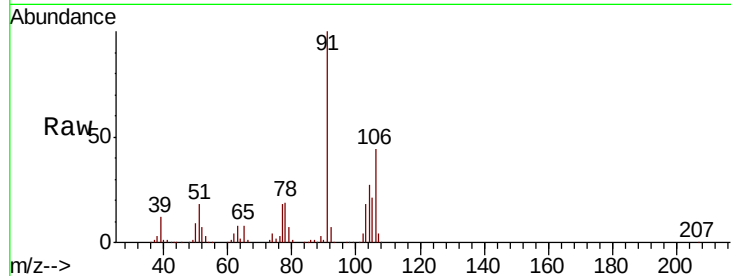




#69
o-Xylene
Concen: 19.592 ug/l
RT: 11.95 min Scan# 3165
Delta R.T. 0.00 min
Lab File: VN057931.D
Acq: 11 Sep 2019 18:20

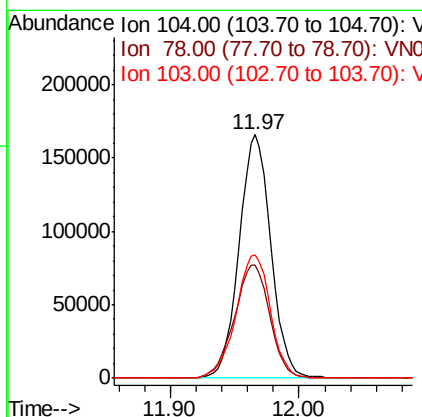
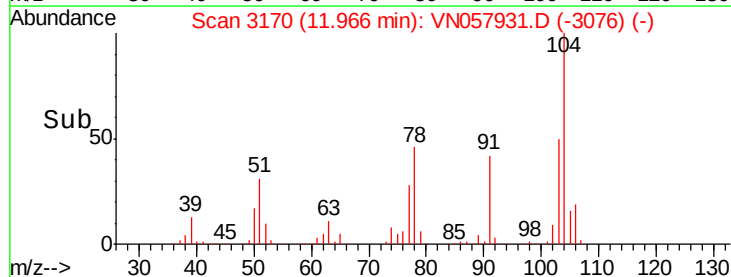
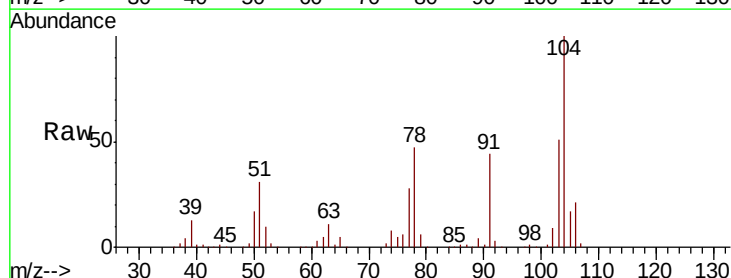
Instrument :
MSVOA_N
ClientSampled :
VN0912WBS01

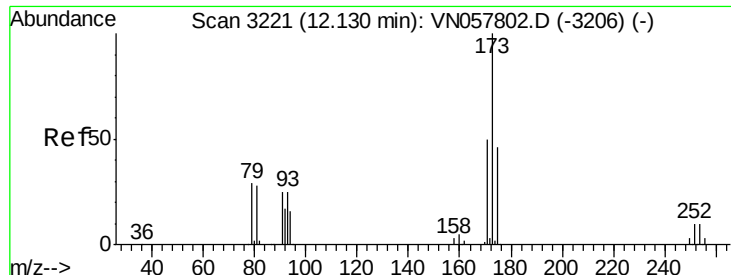
Tgt Ion:106 Resp: 162211
Ion Ratio Lower Upper
106 100
91 225.2 108.7 326.1



#70
Styrene
Concen: 19.922 ug/l
RT: 11.97 min Scan# 3170
Delta R.T. 0.00 min
Lab File: VN057931.D
Acq: 11 Sep 2019 18:20

Tgt Ion:104 Resp: 283872
Ion Ratio Lower Upper
104 100
78 52.2 41.3 61.9
103 55.1 43.7 65.5





#71

Bromoform

Concen: 17.968 ug/l

RT: 12.13 min Scan# 3221

Delta R.T. 0.00 min

Lab File: VN057931.D

Acq: 11 Sep 2019 18:20

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBS01

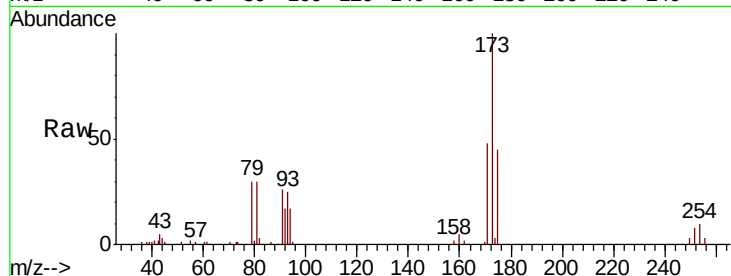
Tgt Ion:173 Resp: 50430

Ion Ratio Lower Upper

173 100

175 47.5 23.5 70.6

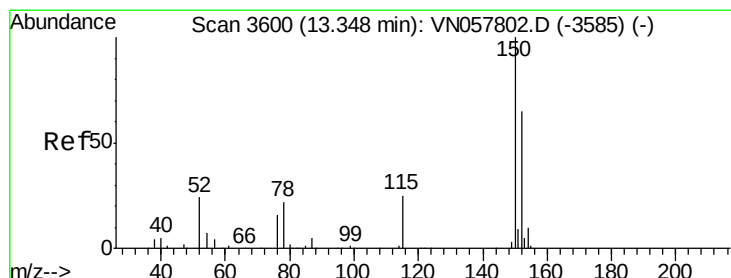
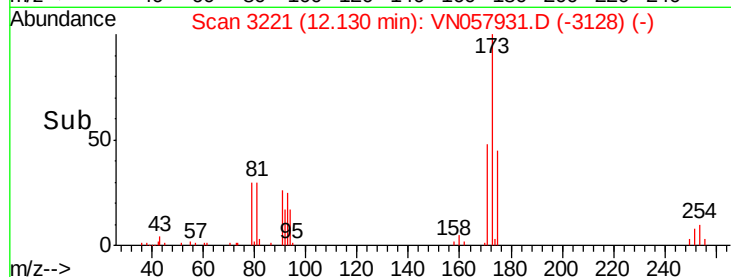
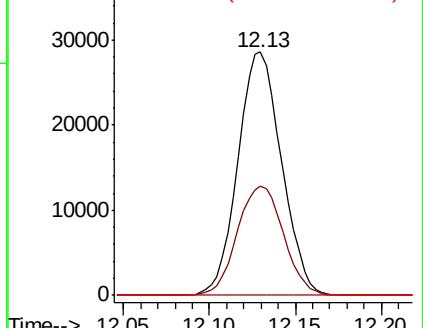
254 0.0 0.1 0.1#



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: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN057931.D

Acq: 11 Sep 2019 18:20

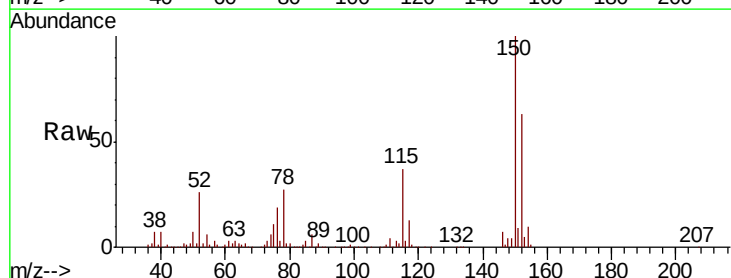
Tgt Ion:152 Resp: 287507

Ion Ratio Lower Upper

152 100

115 58.5 30.3 91.0

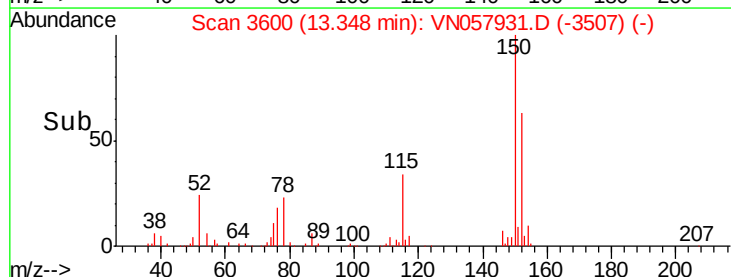
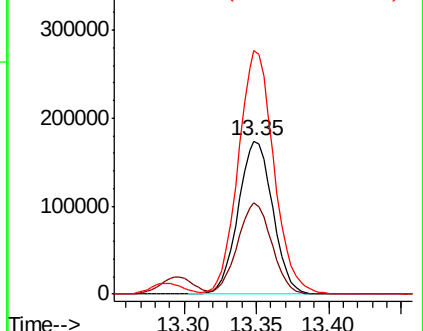
150 163.3 0.0 352.4

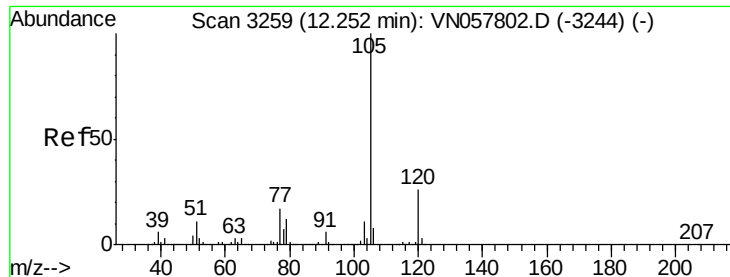


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.735 ug/l

RT: 12.25 min Scan# 3259

Delta R.T. 0.00 min

Lab File: VN057931.D

Acq: 11 Sep 2019 18:20

Instrument :

MSVOA_N

ClientSampleId :

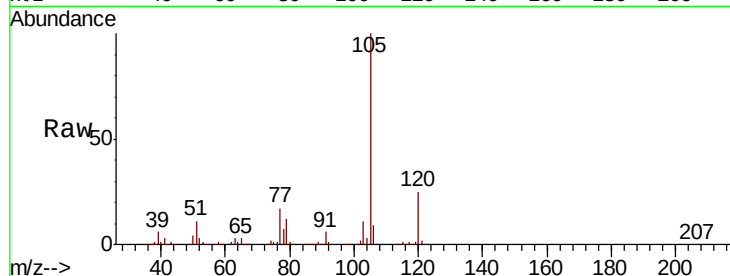
VN0912WBS01

Tgt Ion: 105 Resp: 462588

Ion Ratio Lower Upper

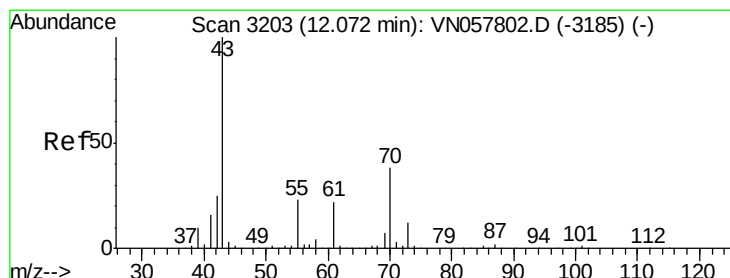
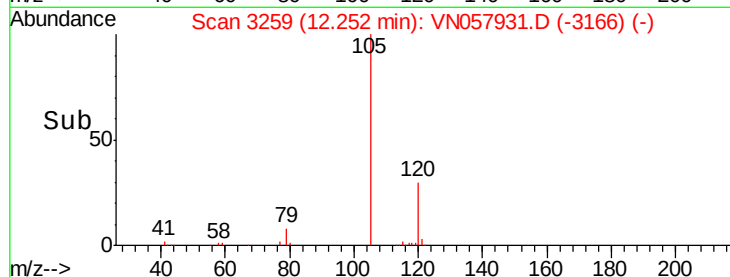
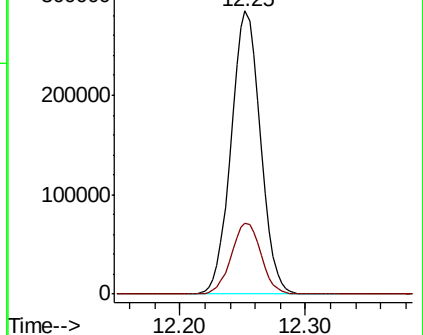
105 100

120 25.3 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-amyl acetate

Concen: 19.842 ug/l

RT: 12.07 min Scan# 3203

Delta R.T. 0.00 min

Lab File: VN057931.D

Acq: 11 Sep 2019 18:20

Tgt Ion: 43 Resp: 192649

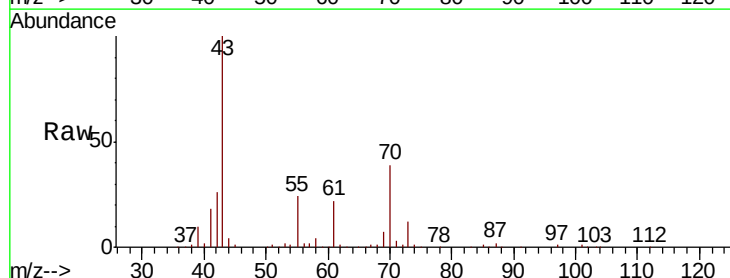
Ion Ratio Lower Upper

43 100

70 39.4 30.6 45.8

55 24.0 18.6 27.8

61 21.9 17.4 26.2

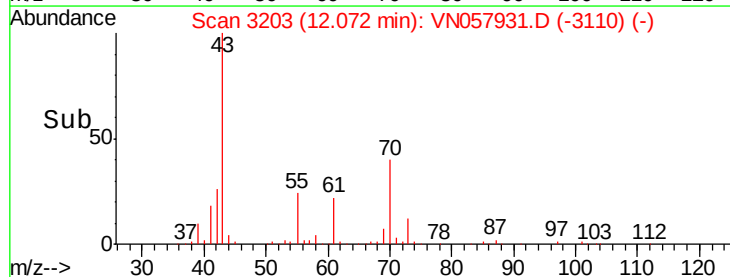
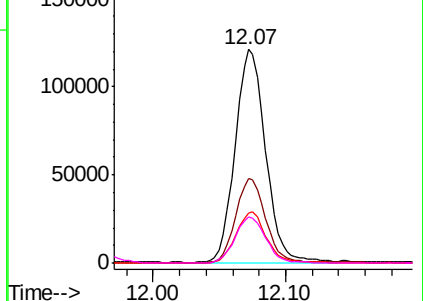


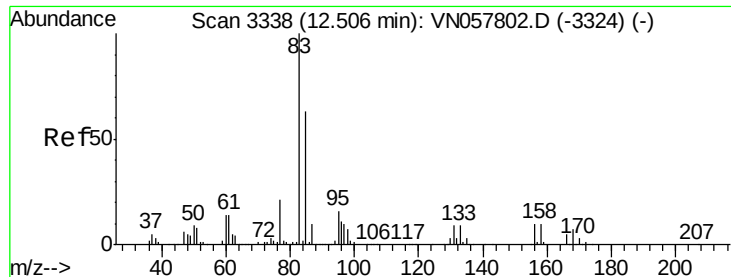
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.805 ug/l

RT: 12.51 min Scan# 3339

Delta R.T. 0.00 min

Lab File: VN057931.D

Acq: 11 Sep 2019 18:20

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBS01

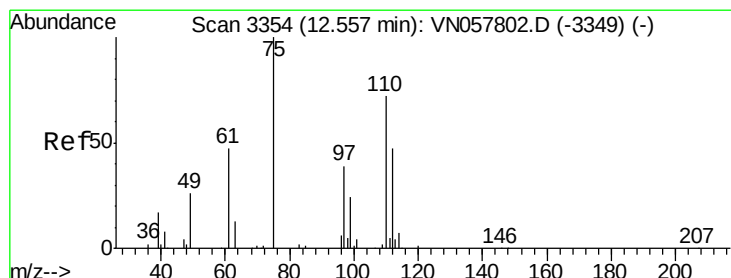
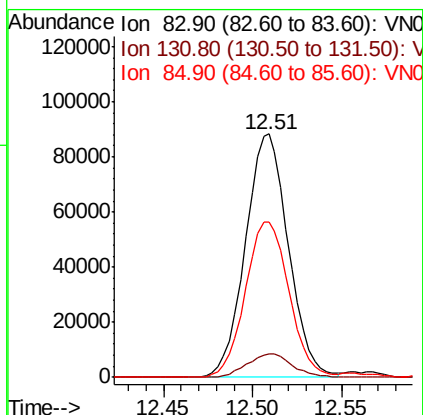
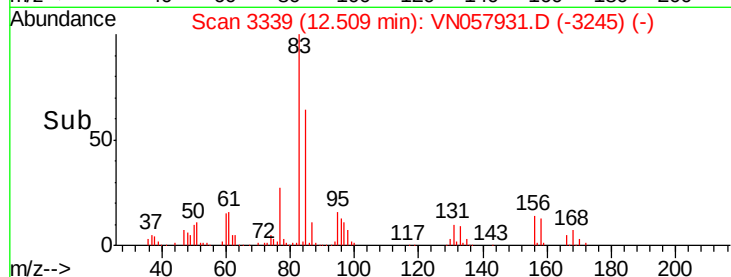
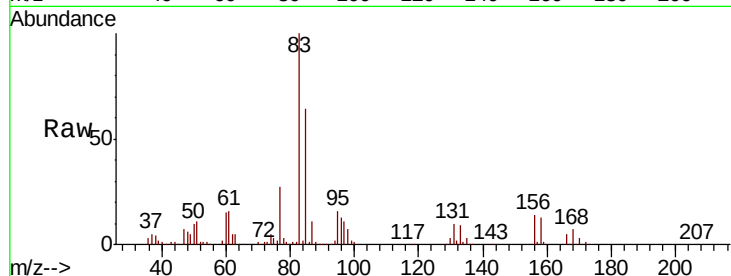
Tgt Ion: 83 Resp: 148768

Ion Ratio Lower Upper

83 100

131 10.1 4.8 14.3

85 65.1 31.6 94.7



#76

1,2,3-Trichloropropane

Concen: 26.879 ug/l

RT: 12.56 min Scan# 3354

Delta R.T. 0.00 min

Lab File: VN057931.D

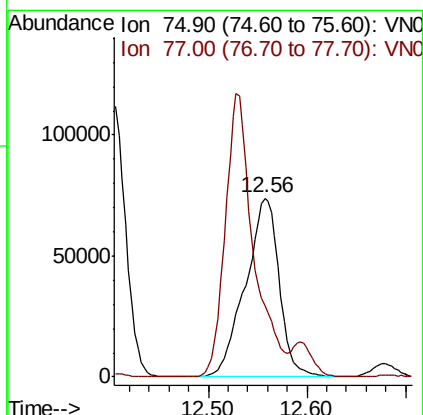
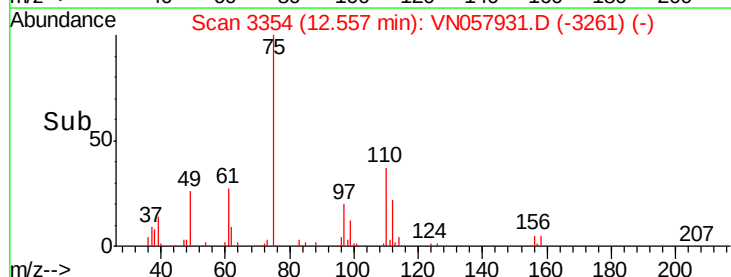
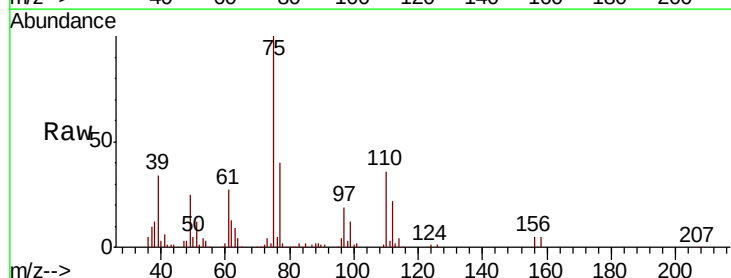
Acq: 11 Sep 2019 18:20

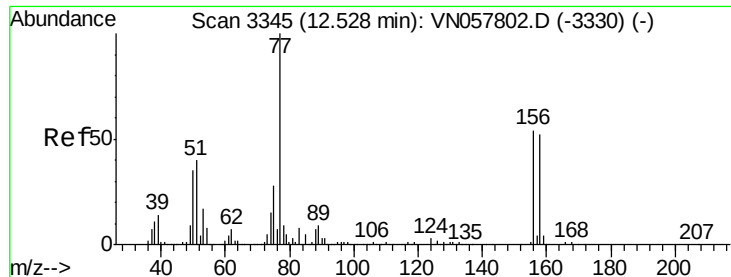
Tgt Ion: 75 Resp: 174821

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.307 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN057931.D

Acq: 11 Sep 2019 18:20

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBS01

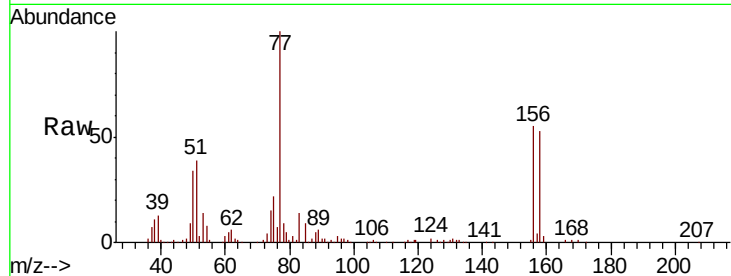
Tgt Ion:156 Resp: 107390

Ion Ratio Lower Upper

156 100

77 220.3 113.7 341.1

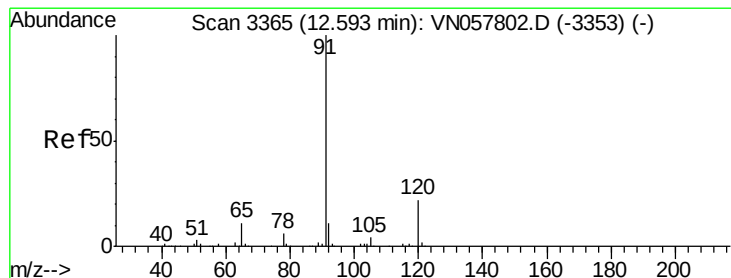
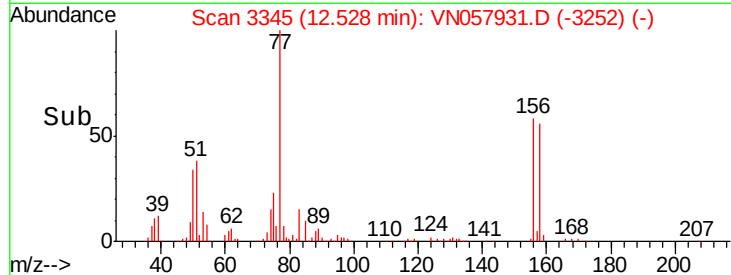
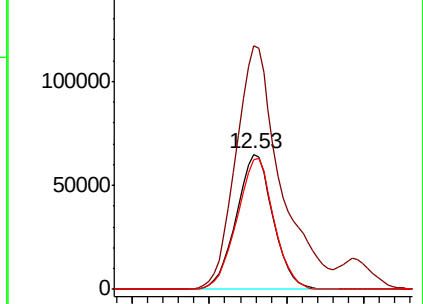
158 97.0 48.5 145.6



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: 20.801 ug/l

RT: 12.60 min Scan# 3366

Delta R.T. 0.00 min

Lab File: VN057931.D

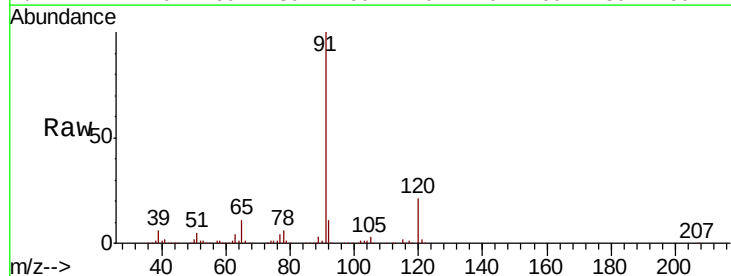
Acq: 11 Sep 2019 18:20

Tgt Ion: 91 Resp: 532898

Ion Ratio Lower Upper

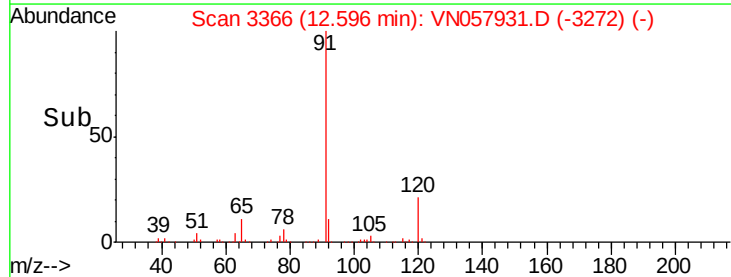
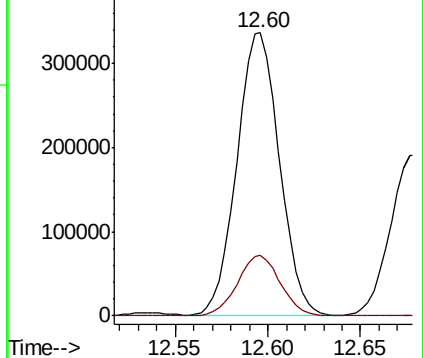
91 100

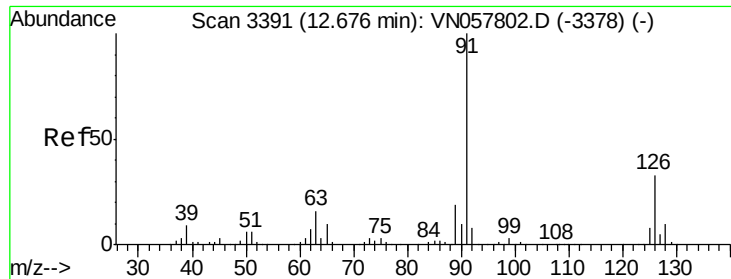
120 21.8 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.568 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN057931.D

Acq: 11 Sep 2019 18:20

Instrument :

MSVOA_N

ClientSampleId :

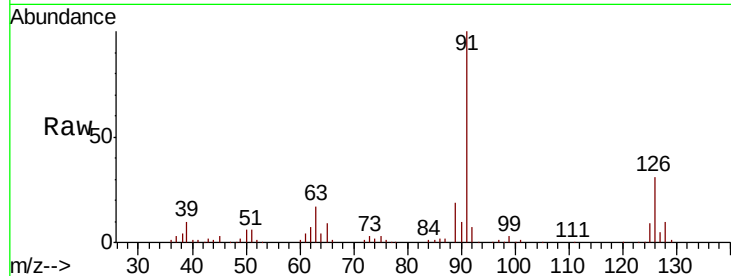
VN0912WBS01

Tgt Ion: 91 Resp: 316839

Ion Ratio Lower Upper

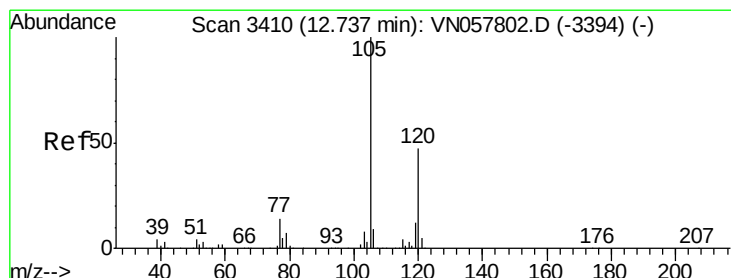
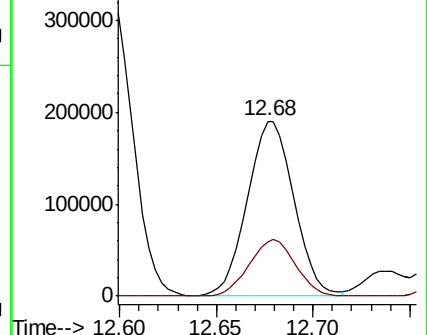
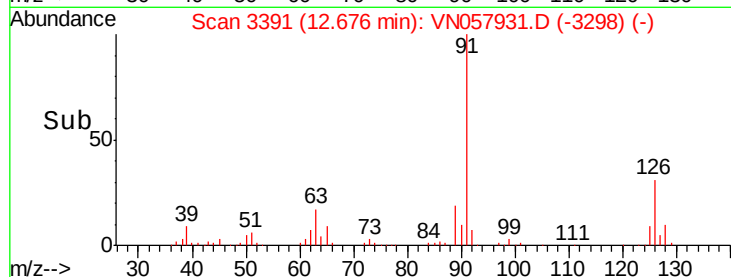
91 100

126 32.6 16.4 49.2



Abundance Ion 91.00 (90.70 to 91.70): VN057802.D (-3378) (-)

Ion 125.90 (125.60 to 126.60): VN057802.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.596 ug/l

RT: 12.74 min Scan# 3410

Delta R.T. 0.00 min

Lab File: VN057931.D

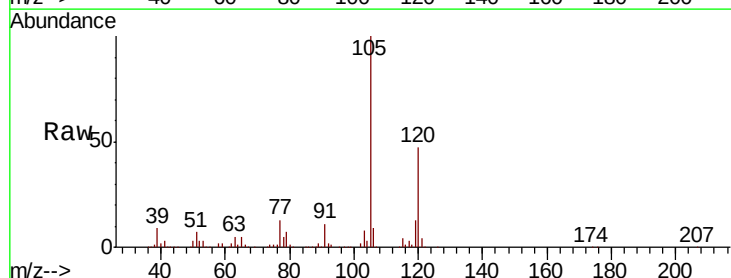
Acq: 11 Sep 2019 18:20

Tgt Ion: 105 Resp: 388249

Ion Ratio Lower Upper

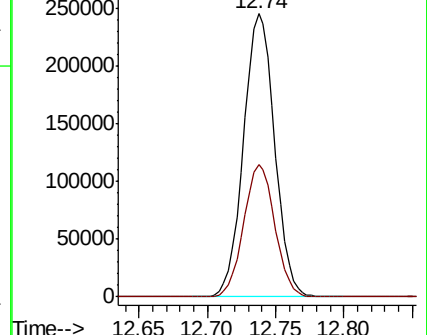
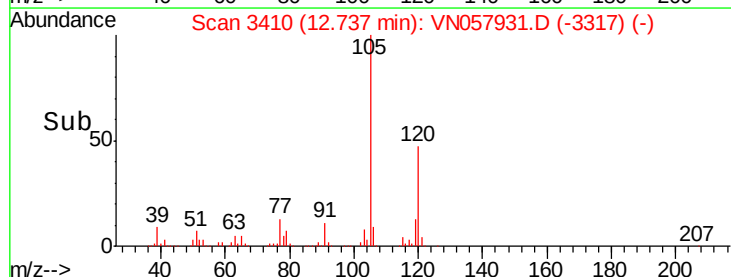
105 100

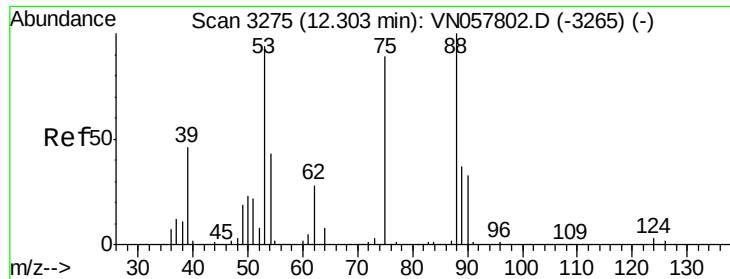
120 46.8 23.7 71.1



Abundance Ion 105.00 (104.70 to 105.70): VN057802.D (-3394) (-)

Ion 120.00 (119.70 to 120.70): VN057802.D (-3394) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 16.439 ug/l

RT: 12.30 min Scan# 3275

Delta R.T. 0.00 min

Lab File: VN057931.D

Acq: 11 Sep 2019 18:20

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBS01

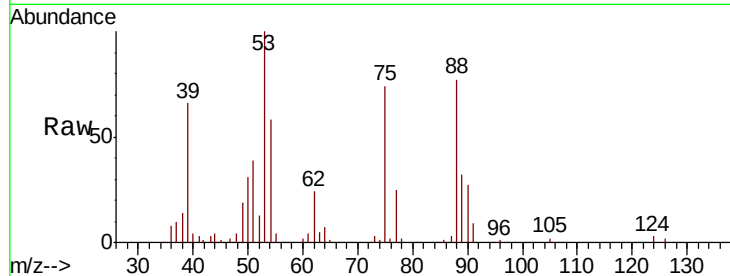
Tgt Ion: 75 Resp: 30383

Ion Ratio Lower Upper

75 100

53 131.3 88.4 132.6

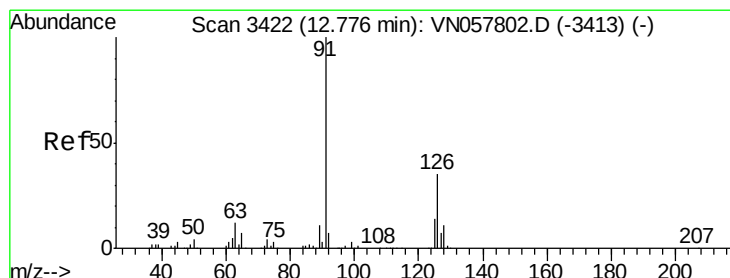
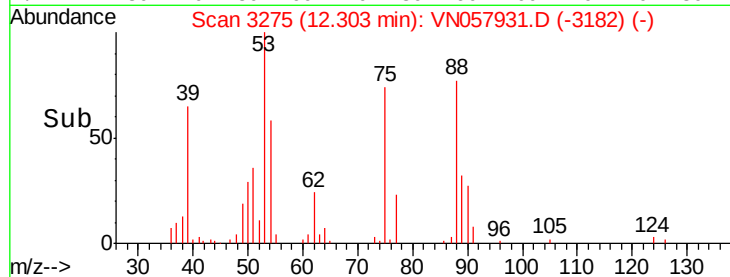
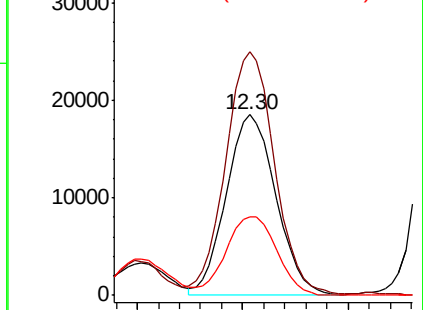
89 44.3 35.3 52.9



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: 19.700 ug/l

RT: 12.78 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN057931.D

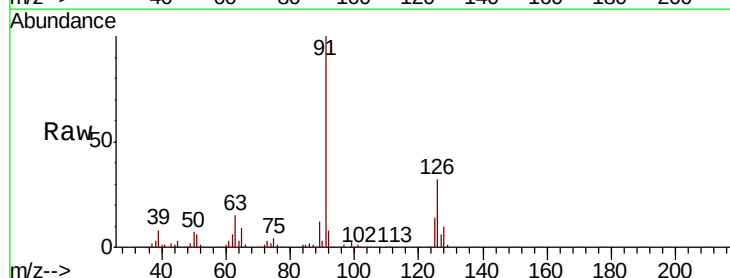
Acq: 11 Sep 2019 18:20

Tgt Ion: 91 Resp: 327570

Ion Ratio Lower Upper

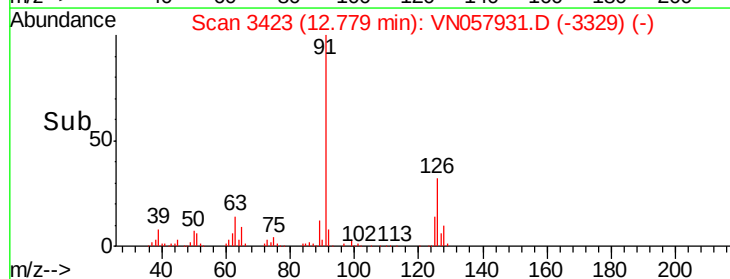
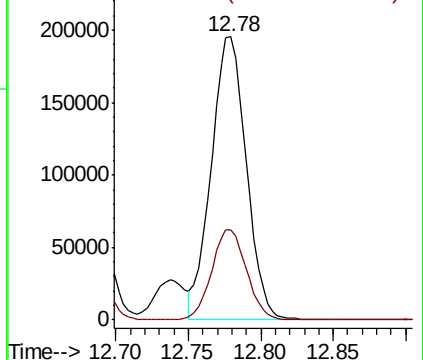
91 100

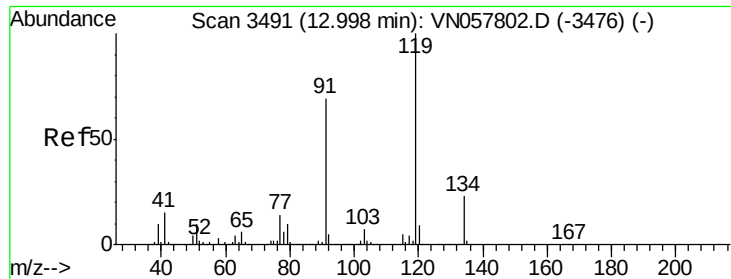
126 31.8 16.0 48.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

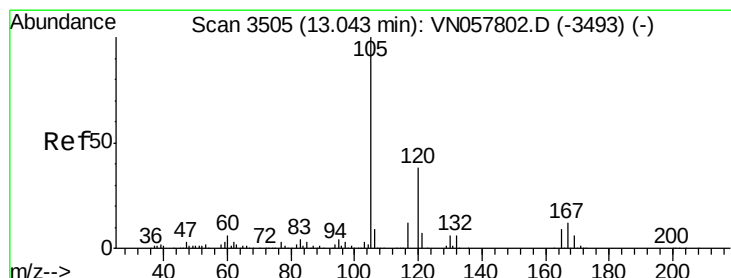
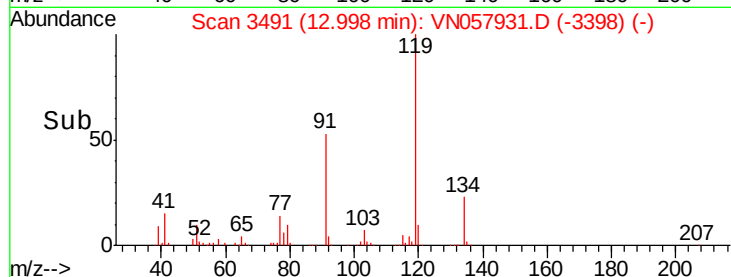
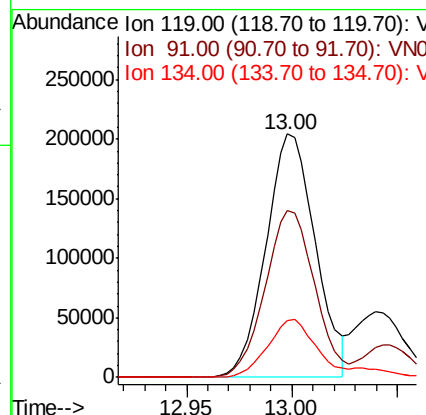
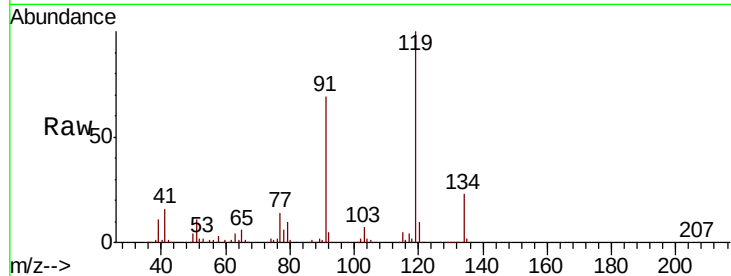




#83
 tert-Butylbenzene
 Concen: 19.887 ug/l
 RT: 13.00 min Scan# 3491
 Delta R.T. 0.00 min
 Lab File: VN057931.D
 Acq: 11 Sep 2019 18:20

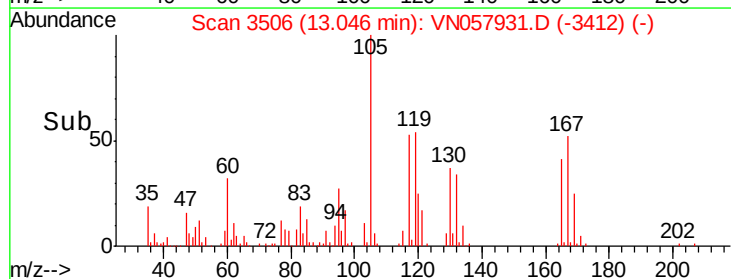
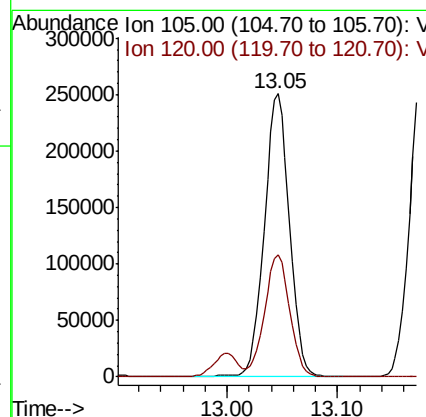
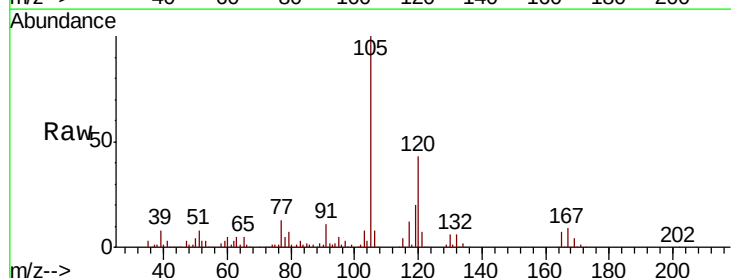
Instrument :
 MSVOA_N
 ClientSampled :
 VN0912WBS01

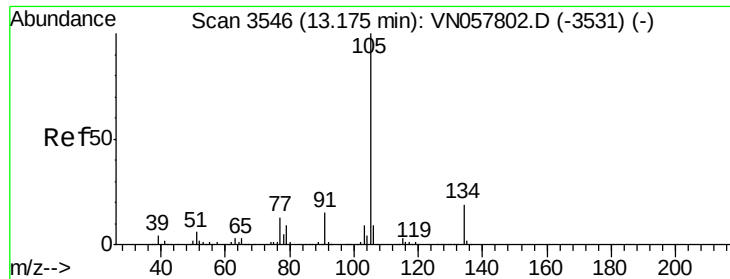
Tgt Ion:119 Resp: 333225
 Ion Ratio Lower Upper
 119 100
 91 68.7 33.6 100.8
 134 23.5 11.7 35.0



#84
 1,2,4-Trimethylbenzene
 Concen: 20.625 ug/l
 RT: 13.05 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN057931.D
 Acq: 11 Sep 2019 18:20

Tgt Ion:105 Resp: 395138
 Ion Ratio Lower Upper
 105 100
 120 43.1 22.4 67.2





#85

sec-Butylbenzene

Concen: 20.361 ug/l

RT: 13.18 min Scan# 3547

Delta R.T. 0.00 min

Lab File: VN057931.D

Acq: 11 Sep 2019 18:20

Instrument :

MSVOA_N

ClientSampleId :

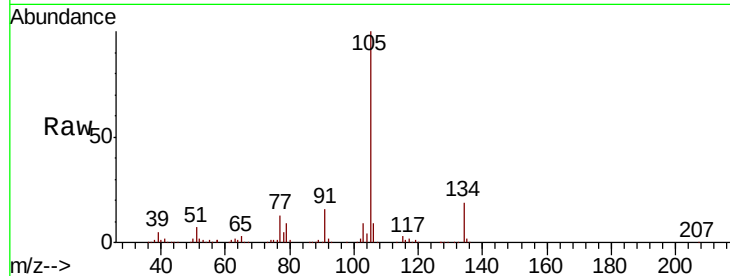
VN0912WBS01

Tgt Ion:105 Resp: 452194

Ion Ratio Lower Upper

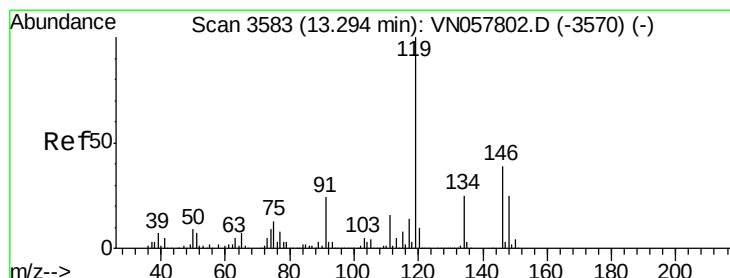
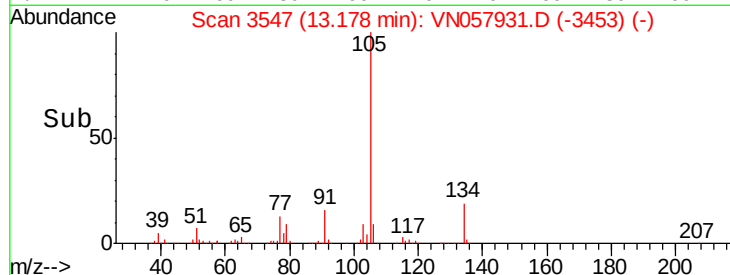
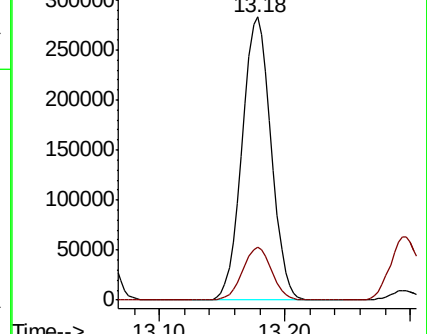
105 100

134 18.7 9.6 28.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.423 ug/l

RT: 13.30 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN057931.D

Acq: 11 Sep 2019 18:20

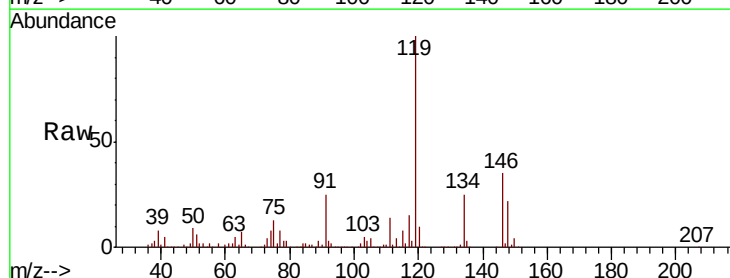
Tgt Ion:119 Resp: 399647

Ion Ratio Lower Upper

119 100

134 25.5 12.5 37.5

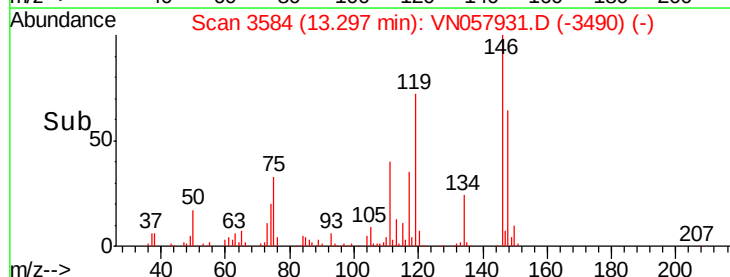
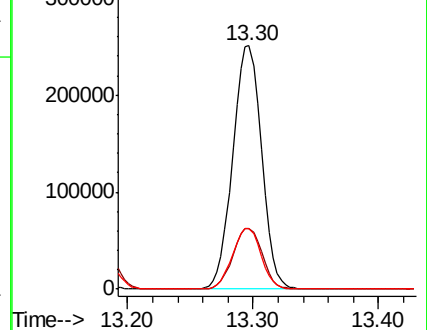
91 25.0 12.3 36.8

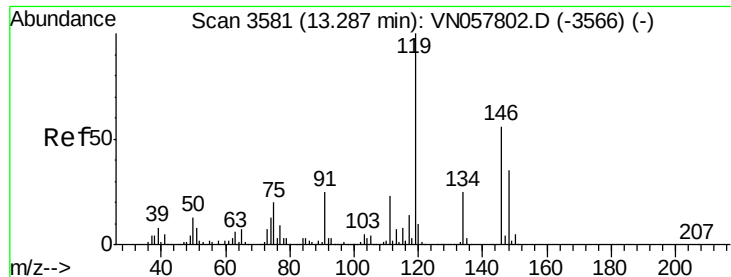


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

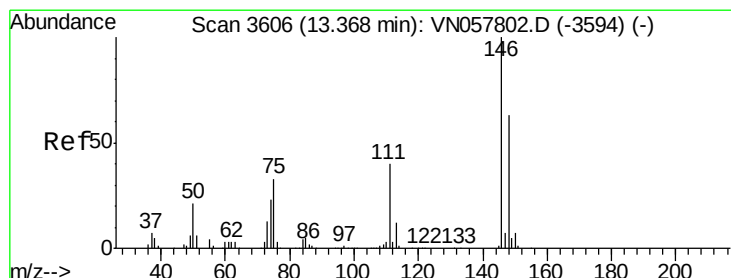
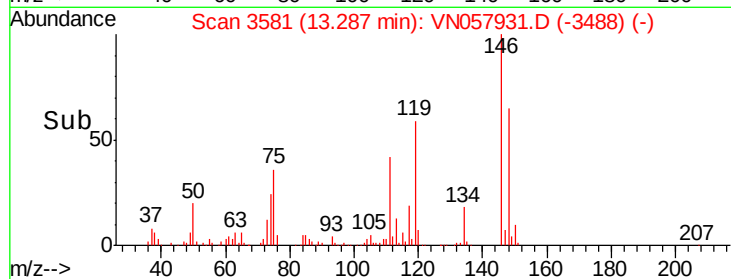
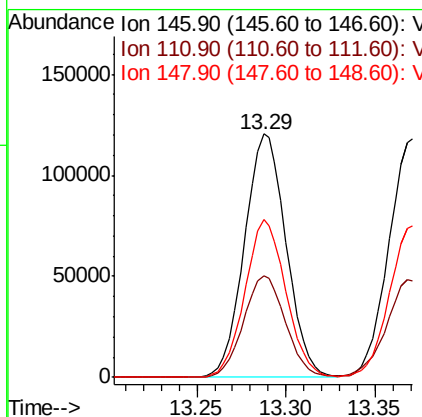
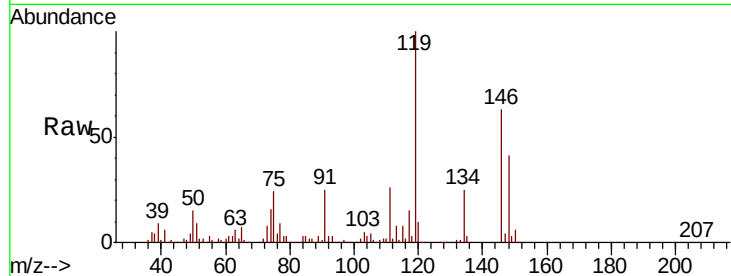




#87
 1,3-Dichlorobenzene
 Concen: 19.299 ug/l
 RT: 13.29 min Scan# 3581
 Delta R.T. 0.00 min
 Lab File: VN057931.D
 Acq: 11 Sep 2019 18:20

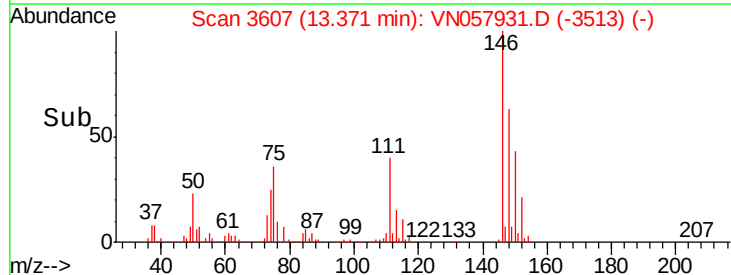
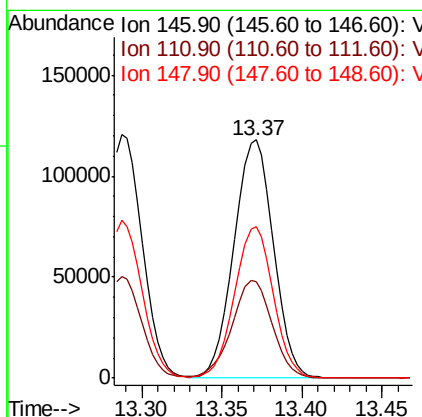
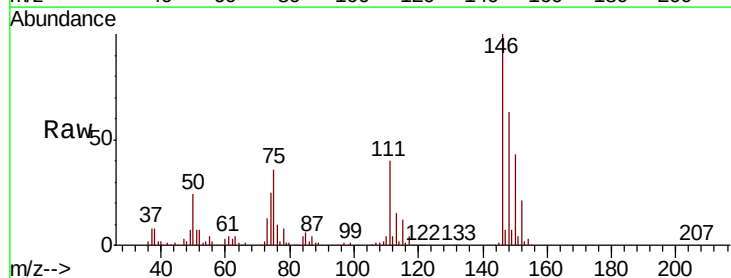
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBS01

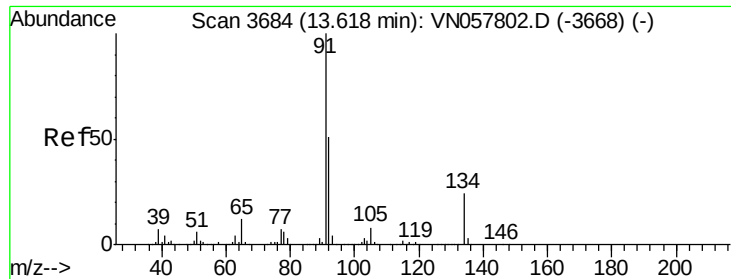
Tgt Ion:146 Resp: 197030
 Ion Ratio Lower Upper
 146 100
 111 41.9 20.5 61.6
 148 63.7 31.5 94.5



#88
 1,4-Dichlorobenzene
 Concen: 19.072 ug/l
 RT: 13.37 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN057931.D
 Acq: 11 Sep 2019 18:20

Tgt Ion:146 Resp: 197644
 Ion Ratio Lower Upper
 146 100
 111 41.8 20.4 61.2
 148 62.3 31.8 95.4





#89

n-Butylbenzene

Concen: 19.798 ug/l

RT: 13.62 min Scan# 3685

Delta R.T. 0.00 min

Lab File: VN057931.D

Acq: 11 Sep 2019 18:20

Instrument :

MSVOA_N

ClientSampleId :

VN0912WBS01

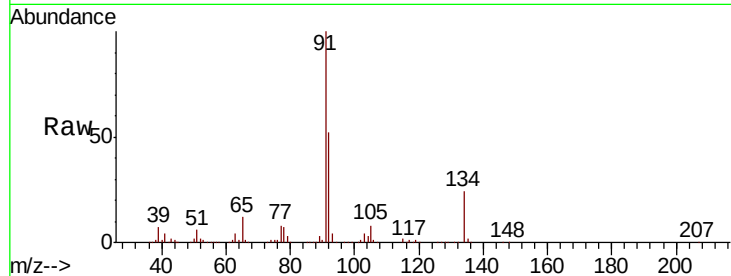
Tgt Ion: 91 Resp: 365869

Ion Ratio Lower Upper

91 100

92 51.9 25.7 77.0

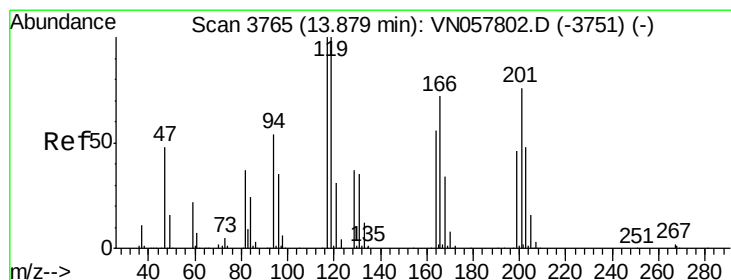
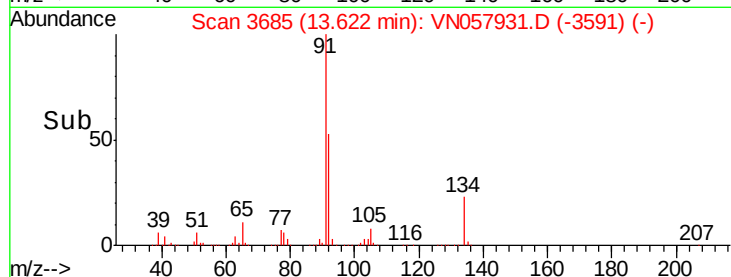
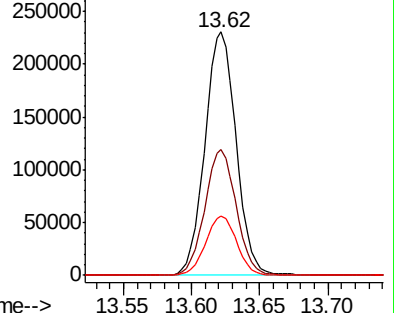
134 24.3 11.9 35.7



Abundance Ion 91.00 (90.70 to 91.70): VN057802.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN057802.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN057802.D (-3668) (-)



#90

Hexachloroethane

Concen: 18.593 ug/l

RT: 13.88 min Scan# 3766

Delta R.T. 0.00 min

Lab File: VN057931.D

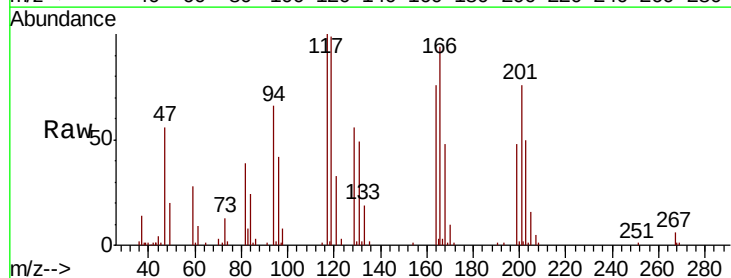
Acq: 11 Sep 2019 18:20

Tgt Ion: 117 Resp: 54110

Ion Ratio Lower Upper

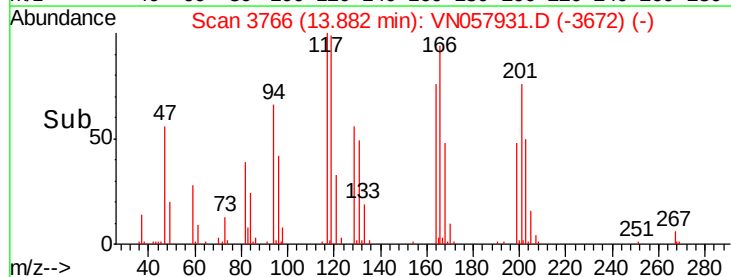
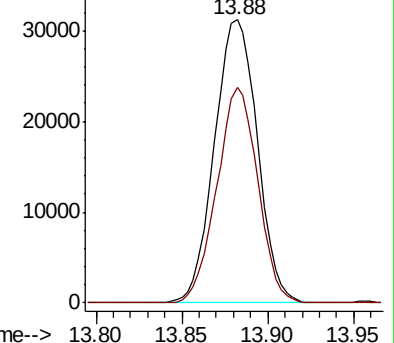
117 100

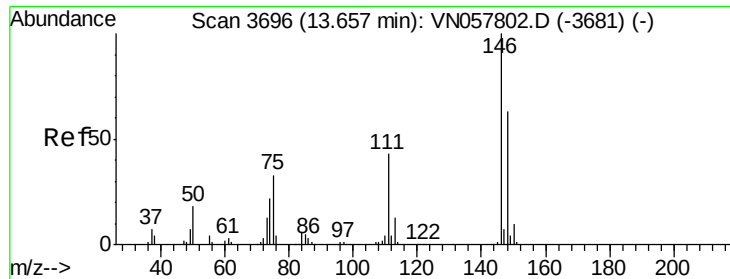
201 72.5 37.5 112.7



Abundance Ion 116.80 (116.50 to 117.50): VN057802.D (-3751) (-)

Ion 200.70 (200.40 to 201.40): VN057802.D (-3751) (-)

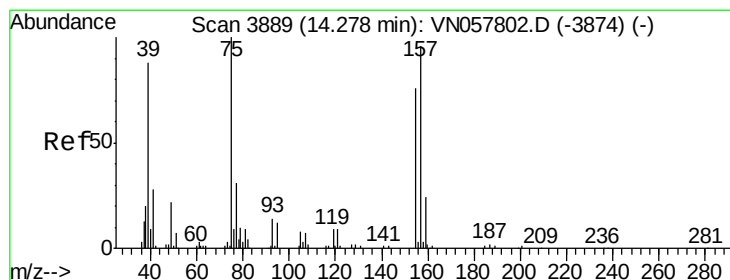
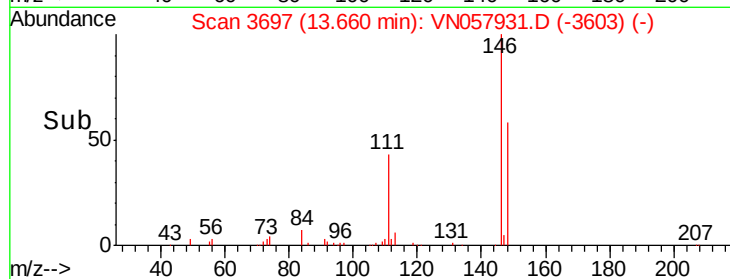
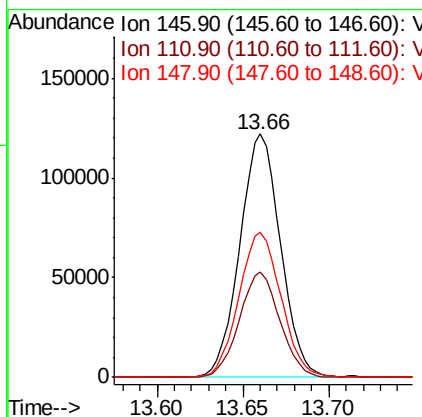
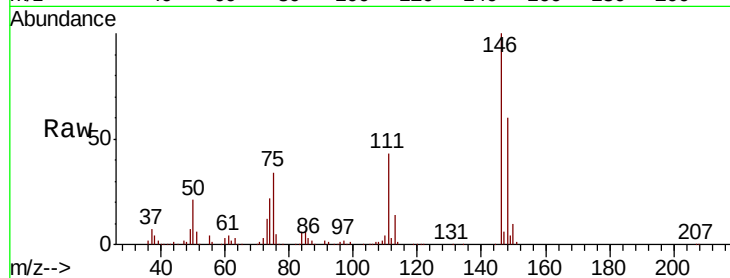




#91
 1,2-Dichlorobenzene
 Concen: 19.678 ug/l
 RT: 13.66 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN057931.D
 Acq: 11 Sep 2019 18:20

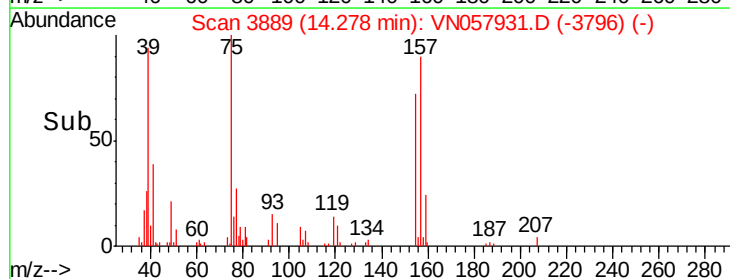
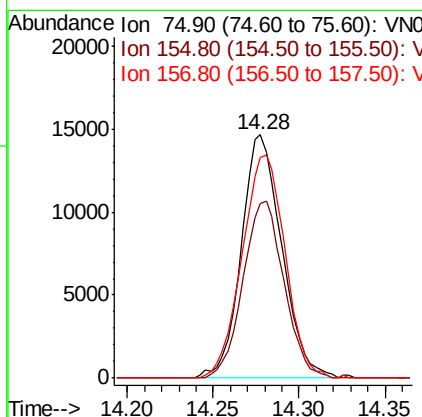
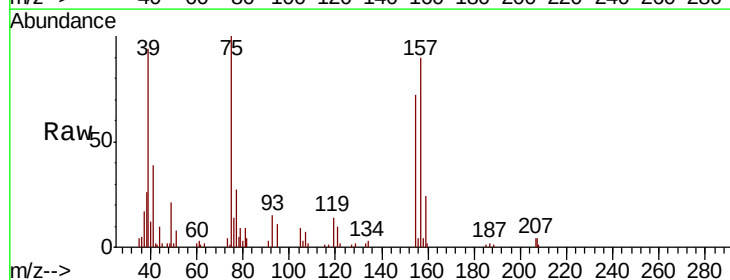
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBS01

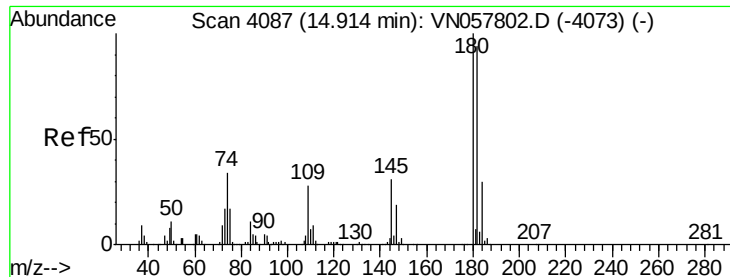
Tgt Ion: 146 Resp: 200715
 Ion Ratio Lower Upper
 146 100
 111 43.2 21.3 63.9
 148 61.9 31.4 94.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.341 ug/l
 RT: 14.28 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN057931.D
 Acq: 11 Sep 2019 18:20

Tgt Ion: 75 Resp: 23993
 Ion Ratio Lower Upper
 75 100
 155 73.4 37.3 111.8
 157 97.6 47.9 143.8

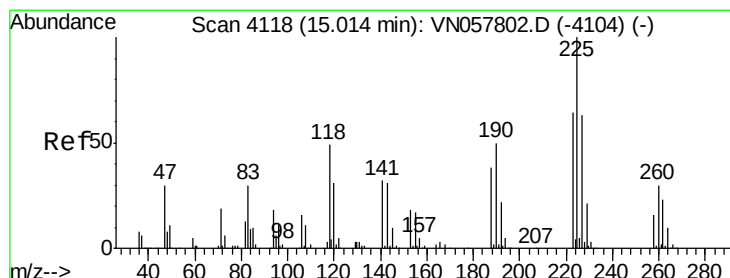
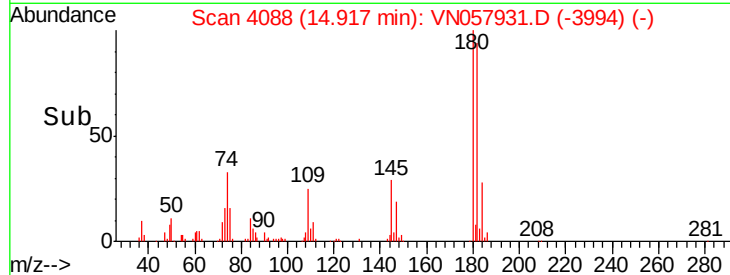
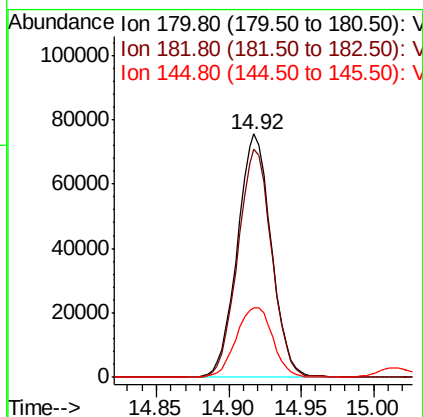
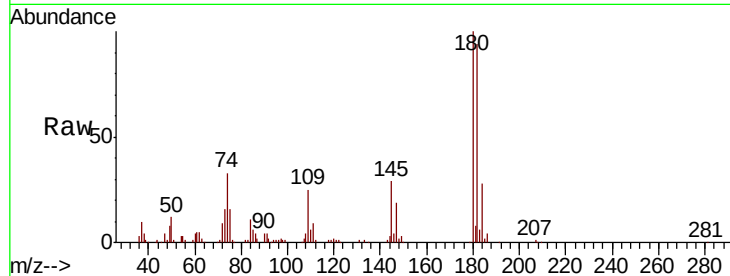




#93
 1,2,4-Trichlorobenzene
 Concen: 18.416 ug/l
 RT: 14.92 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN057931.D
 Acq: 11 Sep 2019 18:20

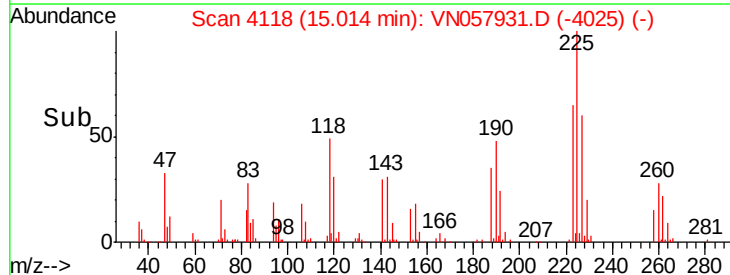
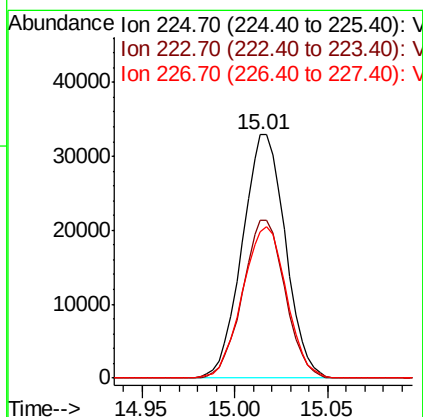
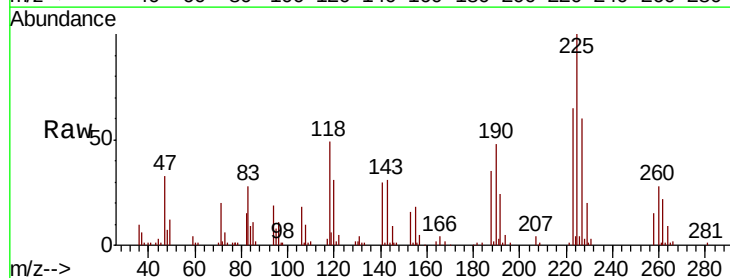
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0912WBS01

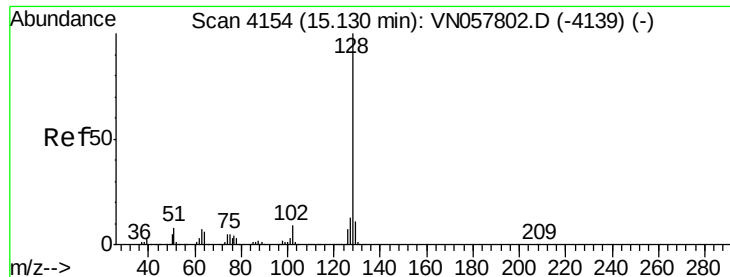
Tgt Ion:180 Resp: 122776
 Ion Ratio Lower Upper
 180 100
 182 93.8 46.9 140.8
 145 30.9 14.9 44.7



#94
 Hexachlorobutadiene
 Concen: 18.914 ug/l
 RT: 15.01 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN057931.D
 Acq: 11 Sep 2019 18:20

Tgt Ion:225 Resp: 53453
 Ion Ratio Lower Upper
 225 100
 223 63.7 32.4 97.2
 227 63.3 31.8 95.4

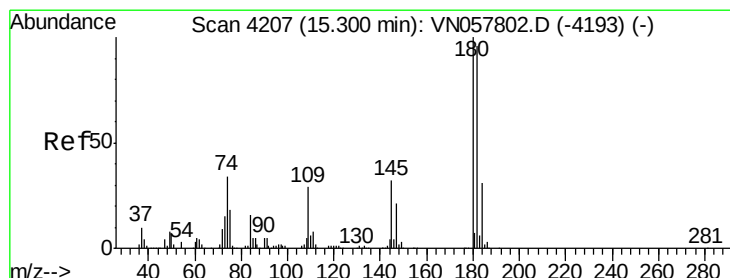
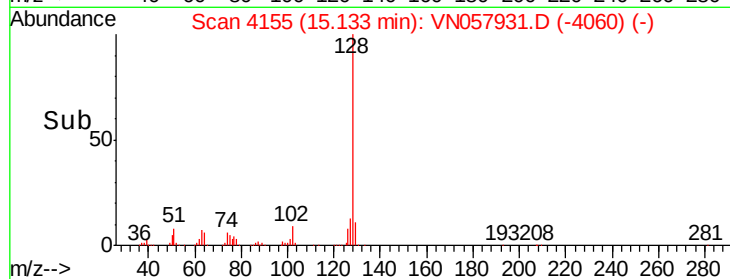
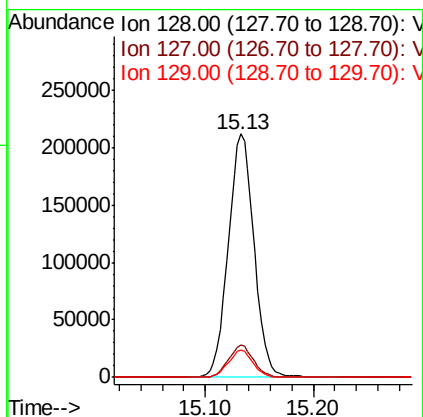
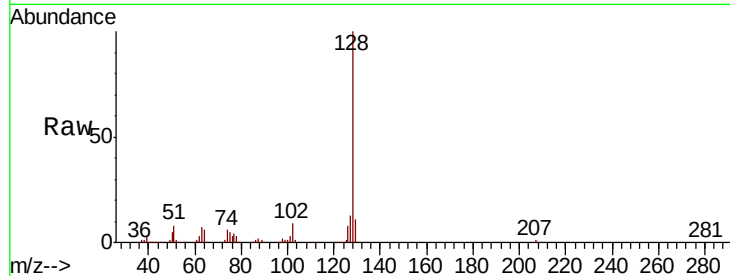




#95
Naphthalene
Concen: 20.037 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. 0.00 min
Lab File: VN057931.D
Acq: 11 Sep 2019 18:20

Instrument :
MSVOA_N
ClientSampleId :
VN0912WBS01

Tgt Ion:128 Resp: 353087
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.8 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 20.687 ug/l
RT: 15.30 min Scan# 4207
Delta R.T. 0.00 min
Lab File: VN057931.D
Acq: 11 Sep 2019 18:20

Tgt Ion:180 Resp: 116928
Ion Ratio Lower Upper
180 100
182 95.2 48.3 144.8
145 31.6 16.3 48.8

