

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100620\
 Data File : VN063906.D
 Acq On : 6 Oct 2020 20:19
 Operator : JC/MD
 Sample : VN1006BS03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1006WBS03

Quant Time: Oct 07 04:14:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N100620W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Oct 06 16:42:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	49453	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	261754	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	248740	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	137758	31.02	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	103.40%
60) 4-Bromofluorobenzene	12.38	95	123442	29.02	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	96.73%
63) Toluene-d8	10.06	98	339699	30.13	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.43%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.83	85	63700	19.031	ug/l 100
3) Chloromethane	2.04	50	65469	18.901	ug/l 99
4) Vinyl Chloride	2.17	62	62150	18.037	ug/l 97
5) Bromomethane	2.54	94	24039	10.839	ug/l 94
6) Chloroethane	2.68	64	40005	18.506	ug/l 96
7) Trichlorofluoromethane	2.99	101	102542	18.851	ug/l 98
8) Diethyl Ether	3.38	74	31966	18.149	ug/l 93
9) 1,1,2-Trichlorotrifluoroet	3.72	101	52019	18.404	ug/l 93
10) 1,1-Dichloroethene	3.70	96	48650	18.333	ug/l 82
11) Methyl Iodide	3.92	142	37794	11.162	ug/l 89
12) Methyl Acetate	4.28	43	57780	17.692	ug/l 95
13) Acrolein	3.57	56	30258	95.183	ug/l 98
14) Acrylonitrile	4.94	53	112848	84.040	ug/l 97
15) Acetone	3.78	58	33048	85.023	ug/l # 54
16) Carbon Disulfide	4.02	76	142769	18.142	ug/l 99
17) Allyl chloride	4.28	41	93043	18.838	ug/l 88
18) Methylene Chloride	4.51	84	61810	19.432	ug/l 89
19) trans-1,2-Dichloroethene	4.99	96	55952	18.667	ug/l 96
20) Diisopropyl ether	5.90	45	181411	18.271	ug/l 90
21) 1,1-Dichloroethane	5.80	63	110804	18.434	ug/l 100
22) cis-1,2-Dichloroethene	6.78	96	63551	18.676	ug/l 93
23) tert-Butyl Alcohol	4.73	59	37573	65.232	ug/l # 100
25) Chloroform	7.33	83	117884	18.704	ug/l 95
26) Cyclohexane	7.61	56	73945	17.079	ug/l # 100
29) 1,1-Dichloropropene	7.75	75	81136	17.700	ug/l 97
30) 2-Butanone	6.79	43	173731	77.273	ug/l 96
31) 2,2-Dichloropropane	6.78	77	93379	17.046	ug/l 96
32) 1,1,1-Trichloroethane	7.53	97	106167	18.155	ug/l 99
33) Carbon Tetrachloride	7.73	117	89604	17.489	ug/l 98
34) Benzene	8.00	78	233140	17.889	ug/l 95
35) Methacrylonitrile	7.12	41	34686	16.232	ug/l 91
36) 1,2-Dichloroethane	8.09	62	101907	17.797	ug/l 95
37) Trichloroethene	8.80	130	59519	17.430	ug/l 91
38) Methylcyclohexane	9.05	83	64207	16.589	ug/l 97
39) 1,2-Dichloropropane	9.08	63	65045	18.368	ug/l 97
40) Dibromomethane	9.18	93	44389	17.948	ug/l 91
41) Bromodichloromethane	9.37	83	91801	17.859	ug/l 96

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 QLast Update : Tue Oct 06 16:42:38 2020
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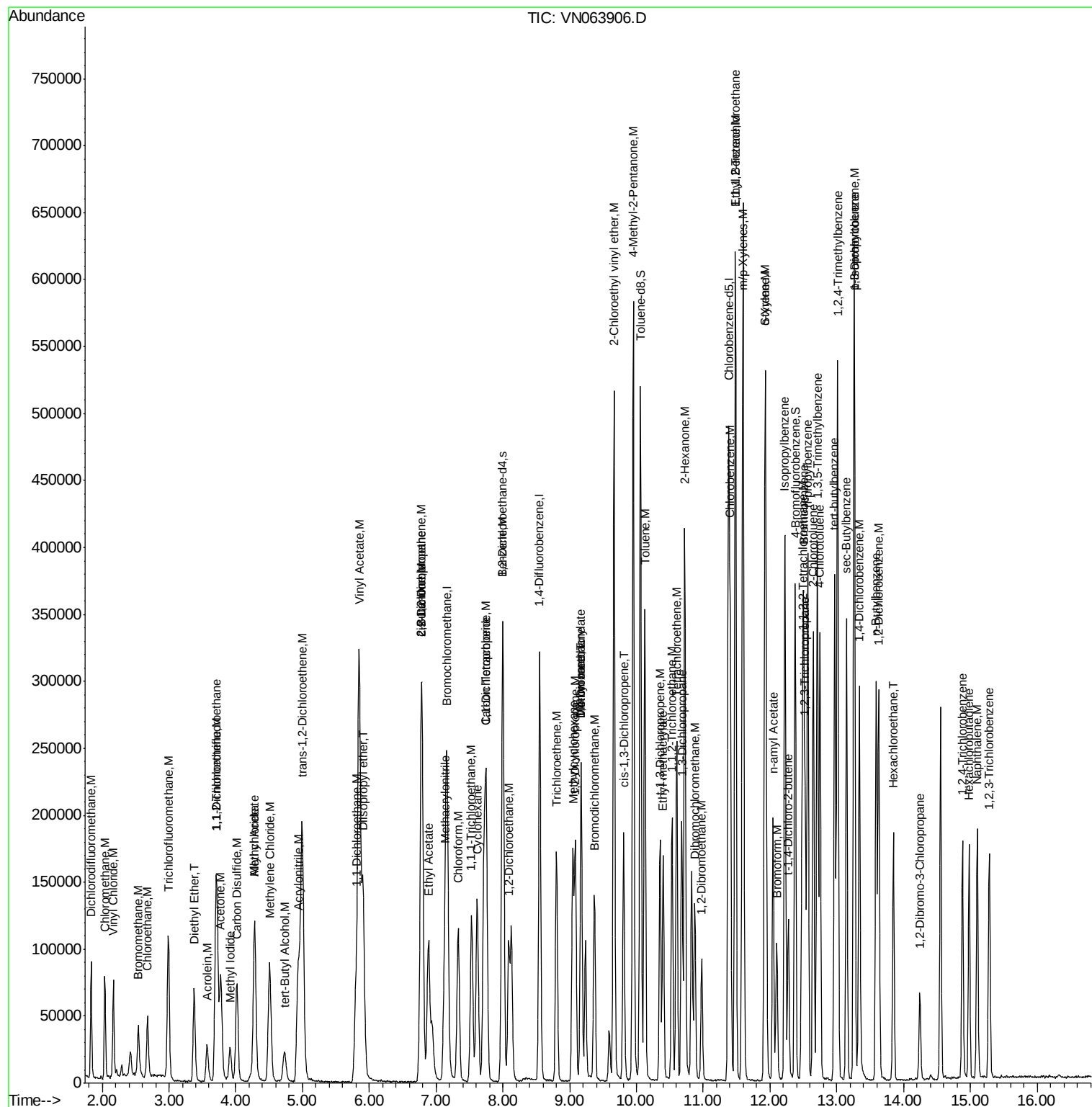
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Vinyl Acetate	5.85	43	816404	87.495	ug/l	98
43) Ethyl Acetate	6.88	43	82517	17.139	ug/l	95
45) 1,4-Dioxane	9.17	88	13881	271.341	ug/l #	95
46) Methyl methacrylate	9.17	41	63786	16.068	ug/l	81
47) n-amyl Acetate	12.05	43	108146	15.244	ug/l	96
48) t-1,3-Dichloropropene	10.35	75	94384	16.992	ug/l	96
49) cis-1,3-Dichloropropene	9.81	75	100629	17.470	ug/l #	82
50) 1,1,2-Trichloroethane	10.53	97	60344	18.272	ug/l	96
51) Ethyl methacrylate	10.40	69	79752	16.649	ug/l	80
52) 1,3-Dichloropropane	10.68	76	101145	17.879	ug/l	98
53) Dibromochloromethane	10.87	129	64823	17.054	ug/l	97
54) 1,2-Dibromoethane	10.98	107	60083	17.352	ug/l	100
55) 2-Chloroethyl vinyl ether	9.66	63	217154	84.950	ug/l	98
56) Bromoform	12.10	173	43863	16.654	ug/l	96
58) 4-Methyl-2-Pentanone	9.95	43	397440	82.330	ug/l	94
59) 2-Hexanone	10.72	43	279990	77.868	ug/l	94
61) Tetrachloroethene	10.60	164	54366	17.228	ug/l	94
62) Toluene	10.13	91	256940	17.986	ug/l	100
64) Chlorobenzene	11.41	112	156232	18.043	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.48	131	60232	17.786	ug/l	97
66) Ethyl Benzene	11.48	91	276113	17.601	ug/l	98
67) m/p-Xylenes	11.60	106	204730	35.094	ug/l	95
68) o-Xylene	11.92	106	97217	17.491	ug/l	96
69) Styrene	11.94	104	164519	17.347	ug/l	97
70) Isopropylbenzene	12.23	105	261171	17.684	ug/l	97
71) 1,1,2,2-Tetrachloroethane	12.48	83	81417	17.440	ug/l	97
72) 1,2,3-Trichloropropane	12.53	75	107845	22.655	ug/l	58
73) Bromobenzene	12.50	156	64991	17.362	ug/l	90
74) n-propylbenzene	12.57	91	297804	17.249	ug/l	100
75) 2-Chlorotoluene	12.65	91	189215	17.967	ug/l	95
76) 1,3,5-Trimethylbenzene	12.71	105	215957	17.340	ug/l	98
77) t-1,4-Dichloro-2-butene	12.28	75	24374	14.395	ug/l	77
78) 4-Chlorotoluene	12.75	91	192194	17.234	ug/l	99
79) tert-butylbenzene	12.97	119	170372	17.075	ug/l	95
80) 1,2,4-Trimethylbenzene	13.01	105	216640	17.352	ug/l	98
81) sec-Butylbenzene	13.15	105	226251	17.252	ug/l	99
82) p-Isopropyltoluene	13.26	119	199636	16.842	ug/l	96
83) 1,3-Dichlorobenzene	13.26	146	113496	17.048	ug/l	97
84) 1,4-Dichlorobenzene	13.34	146	111423	16.848	ug/l	96
85) n-Butylbenzene	13.59	91	168578	16.255	ug/l	98
86) Hexachloroethane	13.85	117	34425	16.851	ug/l	81
87) 1,2-Dichlorobenzene	13.63	146	112019	17.148	ug/l	96
88) 1,2-Dibromo-3-Chloropropan	14.24	75	18001	16.137	ug/l	86
89) 1,2,4-Trichlorobenzene	14.88	180	53667	16.162	ug/l	95
90) Hexachlorobutadiene	14.98	225	31353	17.827	ug/l	96
91) Naphthalene	15.10	128	150030	14.770	ug/l	99
92) 1,2,3-Trichlorobenzene	15.28	180	51992	16.075	ug/l	95

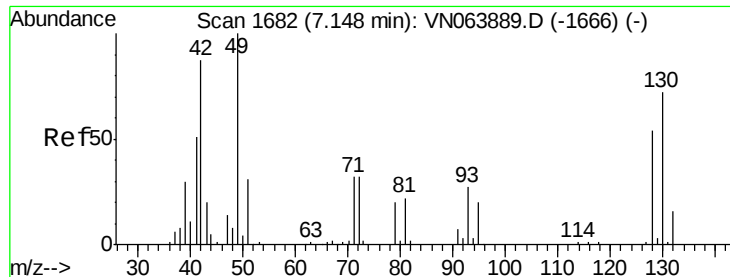
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
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Quant Time: Oct 07 04:14:56 2020
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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.15 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VN063906.D

Acq: 6 Oct 2020 20:19

Instrument :

MSVOA_N

ClientSampleId :

VN1006WBS03

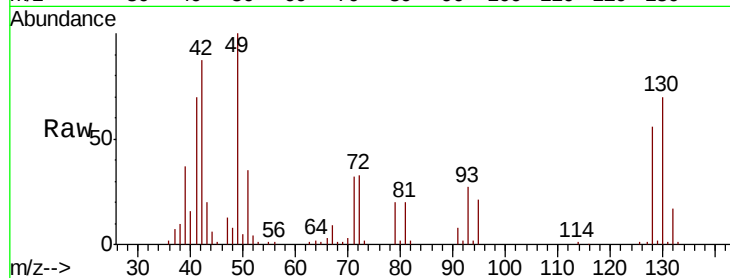
Tot Ion:128 Resp: 49453

Ion Ratio Lower Upper

128 100

49 187.7 0.0 437.5

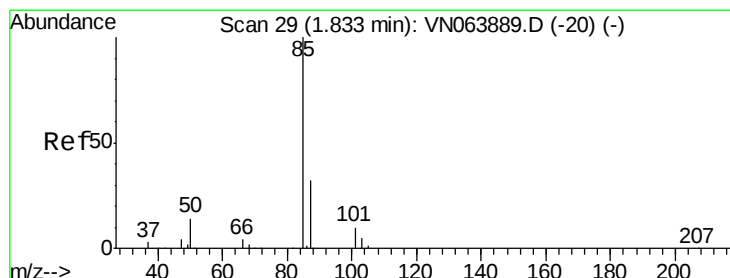
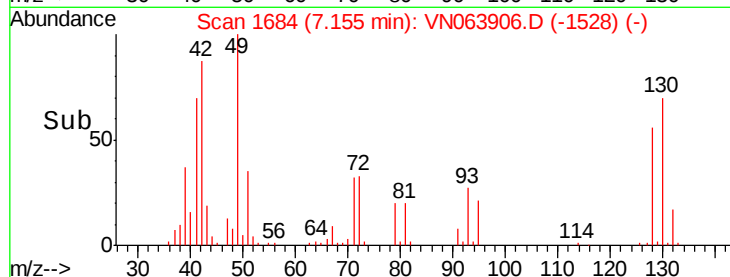
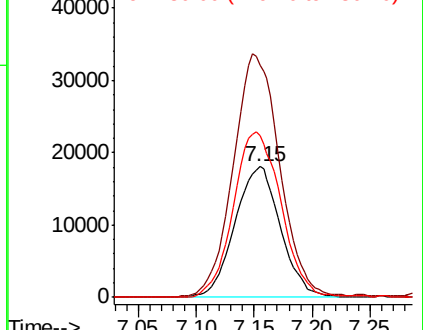
130 131.9 0.0 327.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 19.031 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063906.D

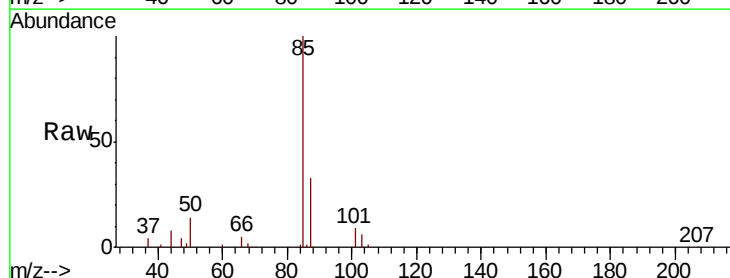
Acq: 6 Oct 2020 20:19

Tgt Ion: 85 Resp: 63700

Ion Ratio Lower Upper

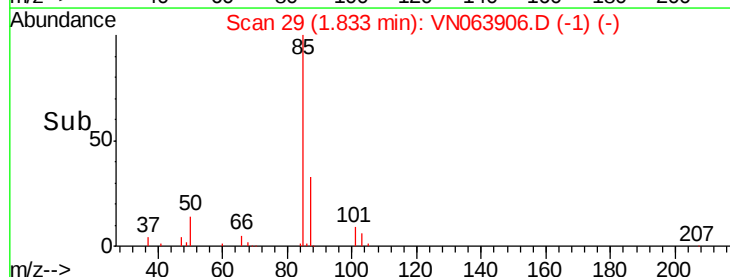
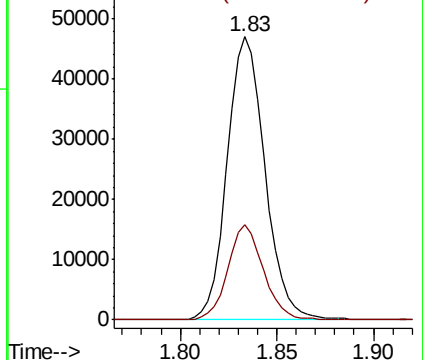
85 100

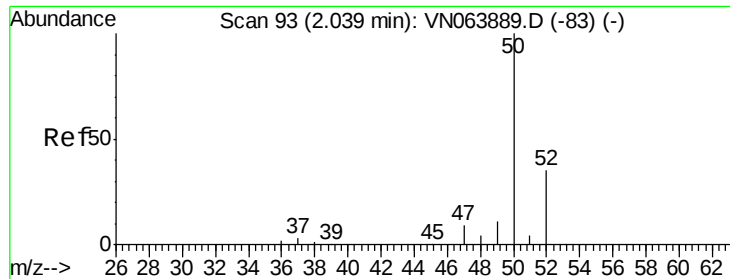
87 33.5 16.9 50.6



Abundance Ion 85.00 (84.70 to 85.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

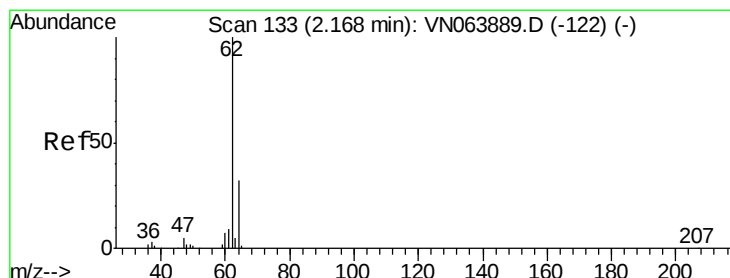
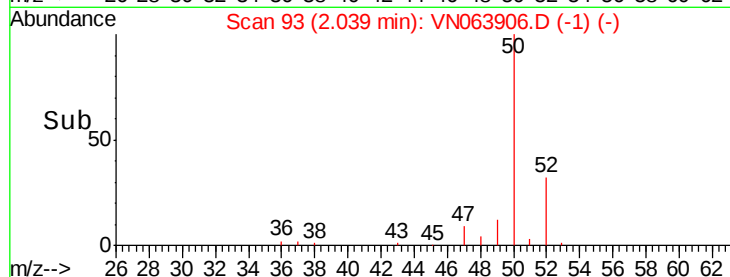
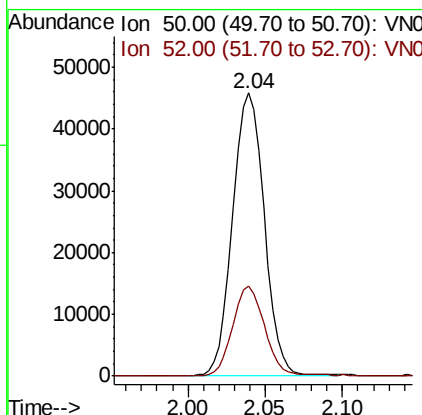
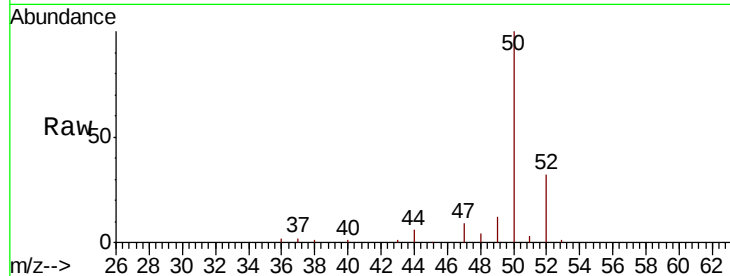




#3
Chloromethane
Concen: 18.901 ug/l
RT: 2.04 min Scan# 93
Delta R.T. 0.01 min
Lab File: VN063906.D
Acq: 6 Oct 2020 20:19

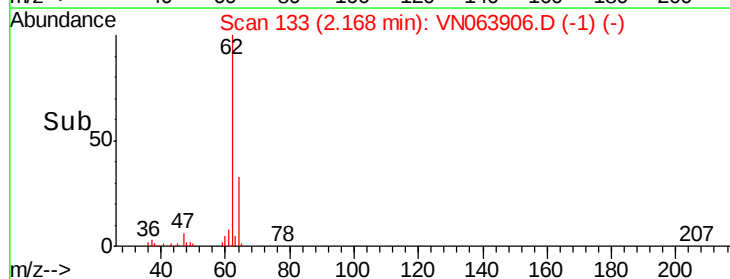
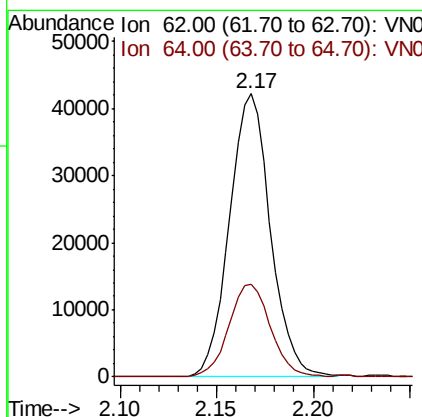
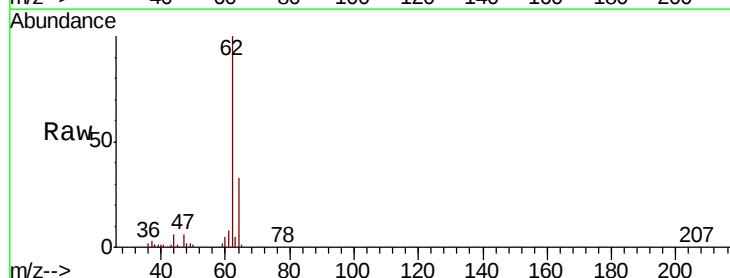
Instrument :
MSVOA_N
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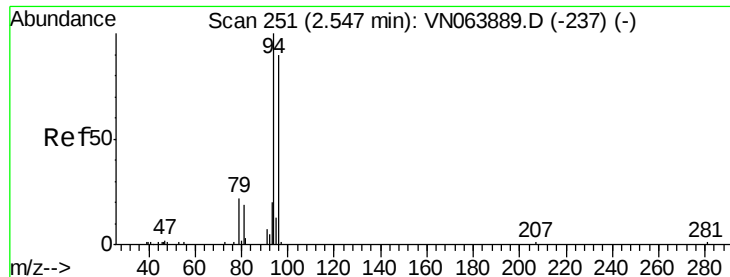
Tot Ion: 50 Resp: 65469
Ion Ratio Lower Upper
50 100
52 31.9 26.0 39.0



#4
Vinyl Chloride
Concen: 18.037 ug/l
RT: 2.17 min Scan# 133
Delta R.T. 0.01 min
Lab File: VN063906.D
Acq: 6 Oct 2020 20:19

Tgt Ion: 62 Resp: 62150
Ion Ratio Lower Upper
62 100
64 32.8 25.0 37.4





#5

Bromomethane

Concen: 10.839 ug/l

RT: 2.54 min Scan# 249

Delta R.T. 0.01 min

Lab File: VN063906.D

Acq: 6 Oct 2020 20:19

Instrument :

MSVOA_N

ClientSampleId :

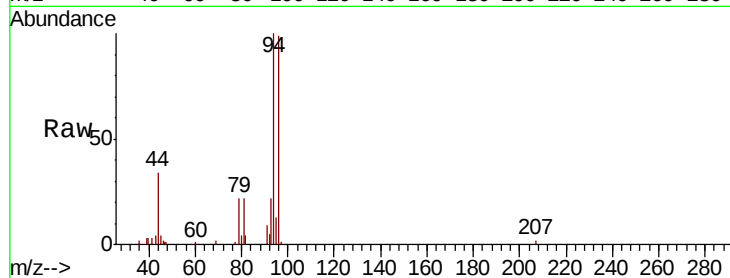
VN1006WBS03

Tot Ion: 94 Resp: 24039

Ion Ratio Lower Upper

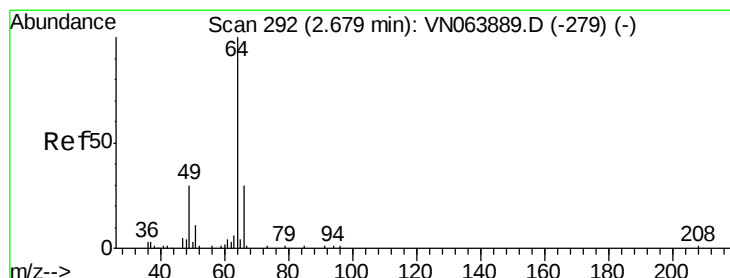
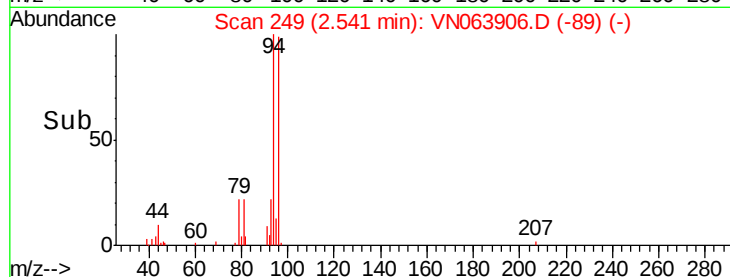
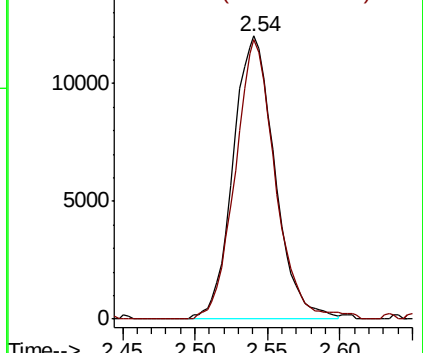
94 100

96 98.7 74.0 111.0



Abundance Ion 94.00 (93.70 to 94.70): VN0

Ion 96.00 (95.70 to 96.70): VN0



#6

Chloroethane

Concen: 18.506 ug/l

RT: 2.68 min Scan# 292

Delta R.T. 0.01 min

Lab File: VN063906.D

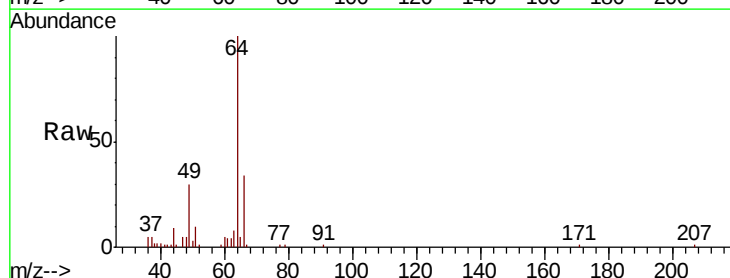
Acq: 6 Oct 2020 20:19

Tgt Ion: 64 Resp: 40005

Ion Ratio Lower Upper

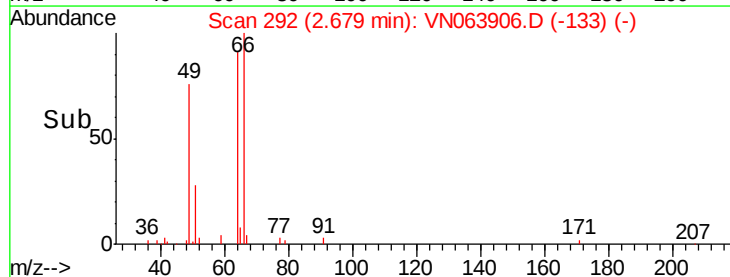
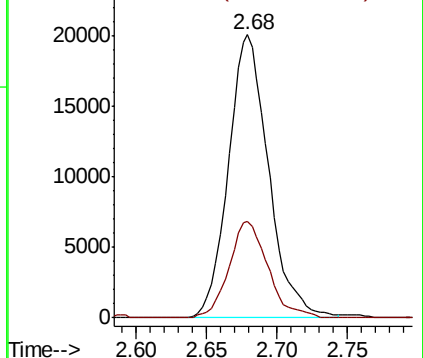
64 100

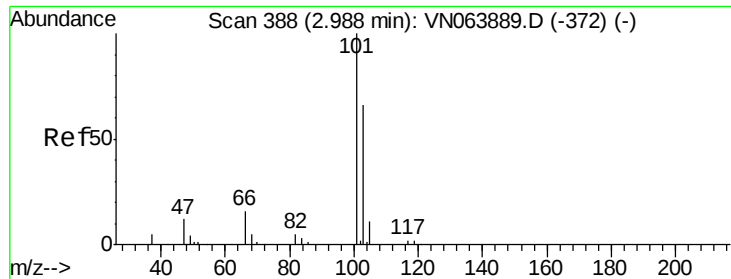
66 34.3 25.8 38.8



Abundance Ion 64.00 (63.70 to 64.70): VN0

Ion 66.00 (65.70 to 66.70): VN0



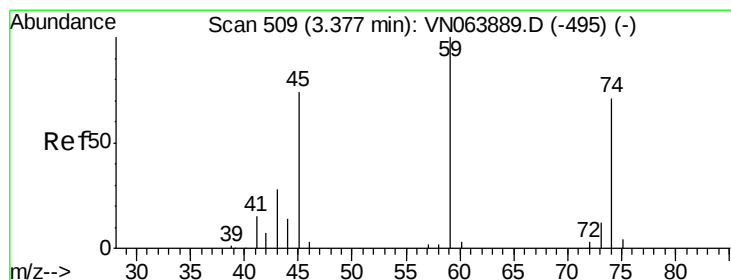
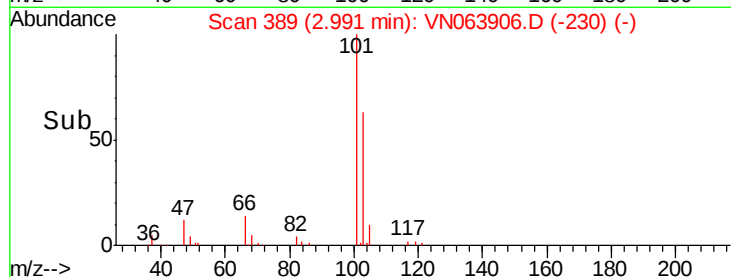
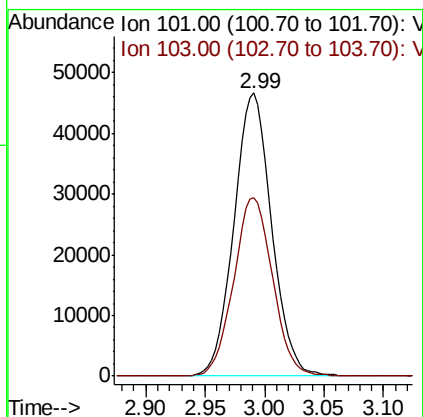
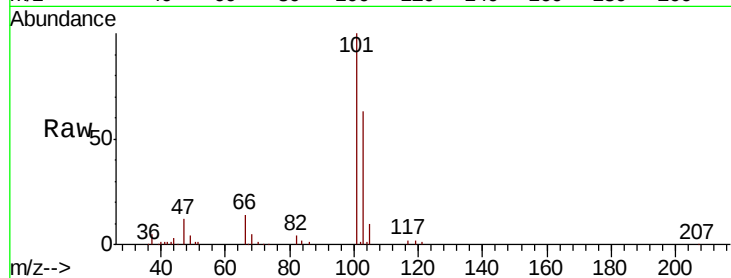


#7

Trichlorofluoromethane
 Concen: 18.851 ug/l
 RT: 2.99 min Scan# 389
 Delta R.T. 0.01 min
 Lab File: VN063906.D
 Acq: 6 Oct 2020 20:19

Instrument :
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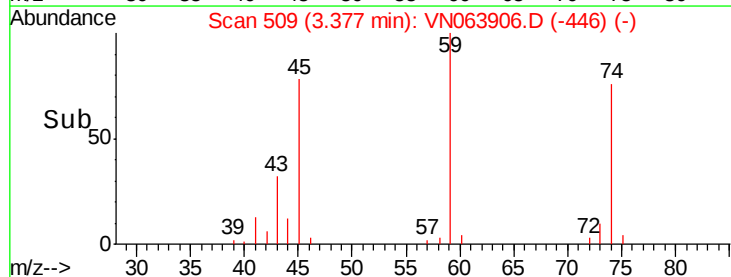
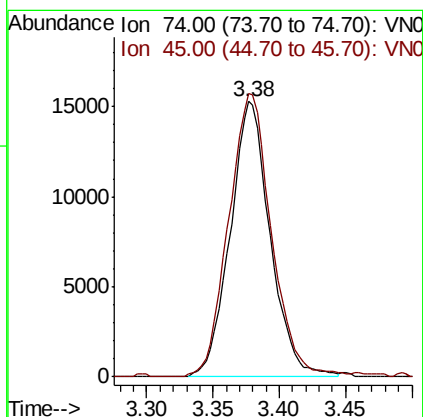
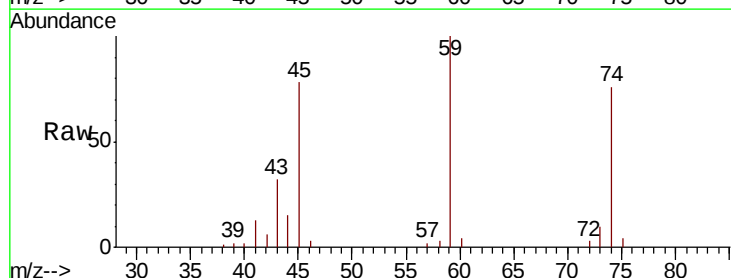
Tot Ion:101 Resp: 102542
 Ion Ratio Lower Upper
 101 100
 103 63.1 51.9 77.9

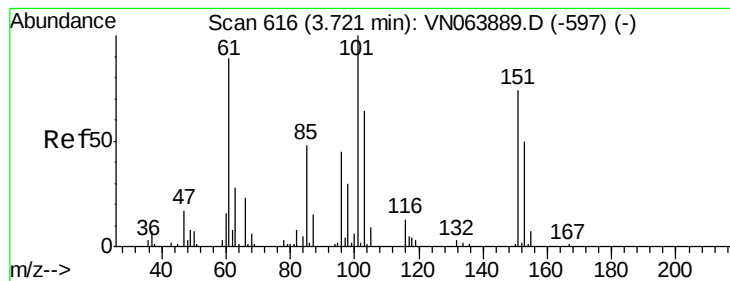


#8

Diethyl Ether
 Concen: 18.149 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN063906.D
 Acq: 6 Oct 2020 20:19

Tgt Ion: 74 Resp: 31966
 Ion Ratio Lower Upper
 74 100
 45 109.8 20.6 185.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.404 ug/l

RT: 3.72 min Scan# 616

Delta R.T. 0.00 min

Lab File: VN063906.D

Acq: 6 Oct 2020 20:19

Instrument :

MSVOA_N

ClientSampleId :

VN1006WBS03

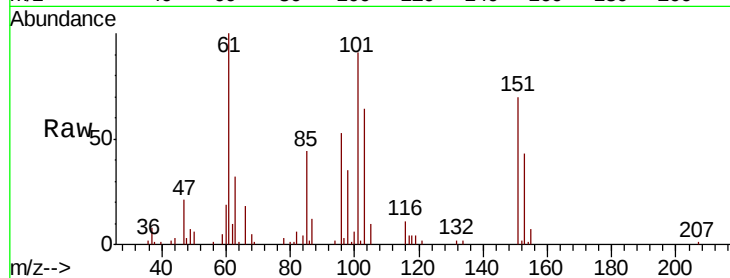
Tot Ion:101 Resp: 52019

Ion Ratio Lower Upper

101 100

85 46.7 0.0 85.0

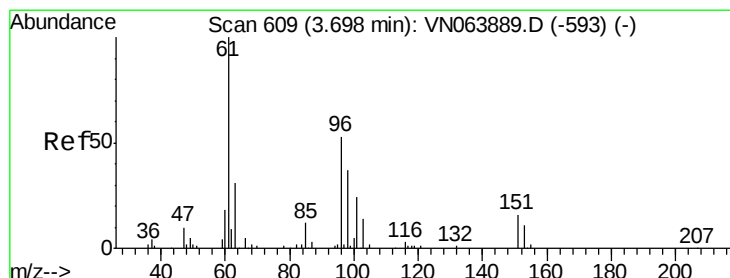
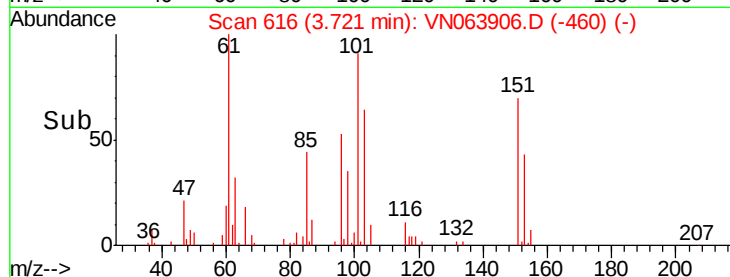
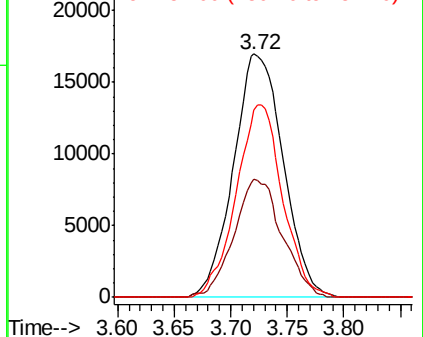
151 73.9 0.0 161.6



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VN0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 18.333 ug/l

RT: 3.70 min Scan# 610

Delta R.T. 0.01 min

Lab File: VN063906.D

Acq: 6 Oct 2020 20:19

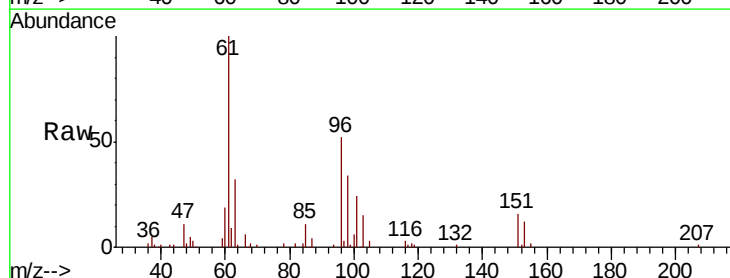
Tgt Ion: 96 Resp: 48650

Ion Ratio Lower Upper

96 100

61 192.9 130.8 196.2

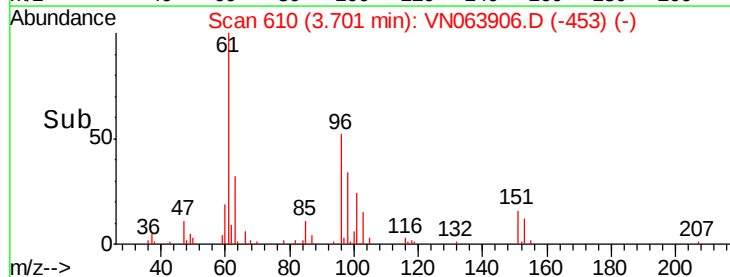
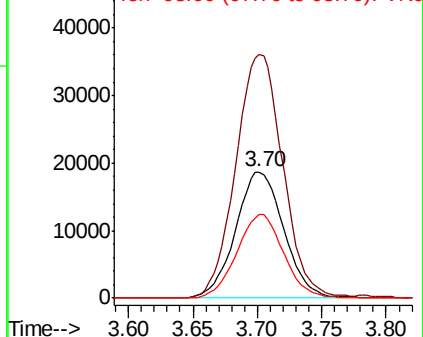
98 66.2 49.0 73.4

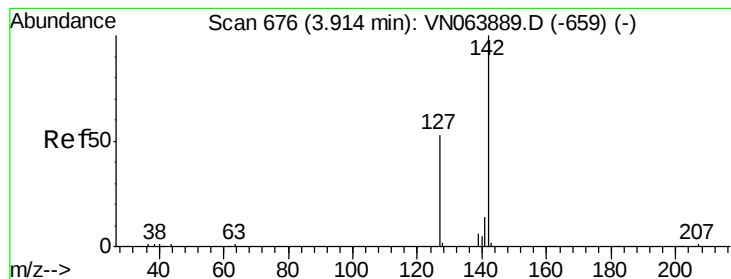


Abundance Ion 96.00 (95.70 to 96.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 98.00 (97.70 to 98.70): VN0





#11

Methvl Iodide

Concen: 11.162 ug/l

RT: 3.92 min Scan# 677

Delta R.T. 0.01 min

Lab File: VN063906.D

Acq: 6 Oct 2020 20:19

Instrument :

MSVOA_N

ClientSampleId :

VN1006WBS03

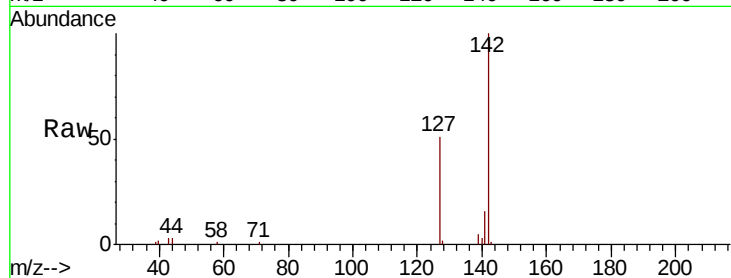
Tot Ion:142 Resp: 37794

Ion Ratio Lower Upper

142 100

127 50.0 20.9 62.8

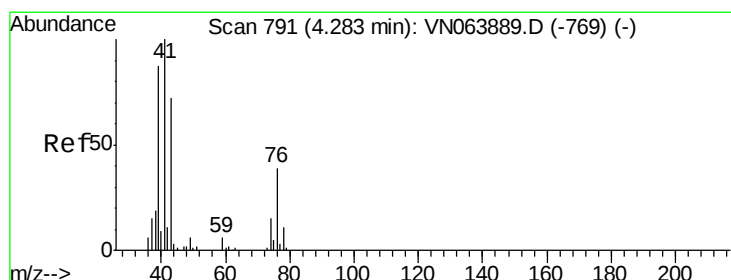
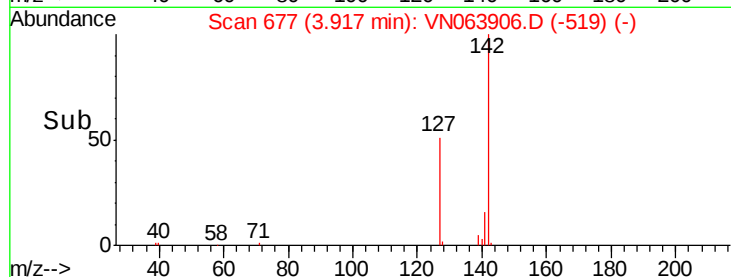
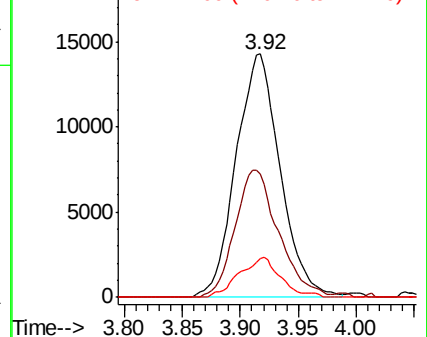
141 16.0 6.7 20.1



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V



#12

Methyl Acetate

Concen: 17.692 ug/l

RT: 4.28 min Scan# 791

Delta R.T. 0.00 min

Lab File: VN063906.D

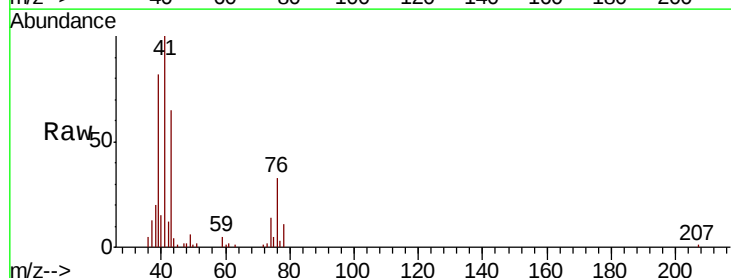
Acq: 6 Oct 2020 20:19

Tgt Ion: 43 Resp: 57780

Ion Ratio Lower Upper

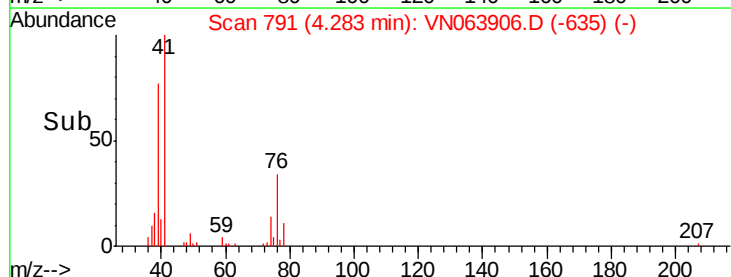
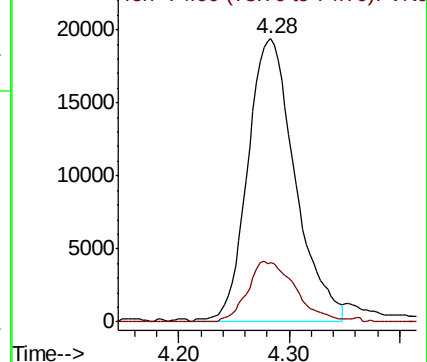
43 100

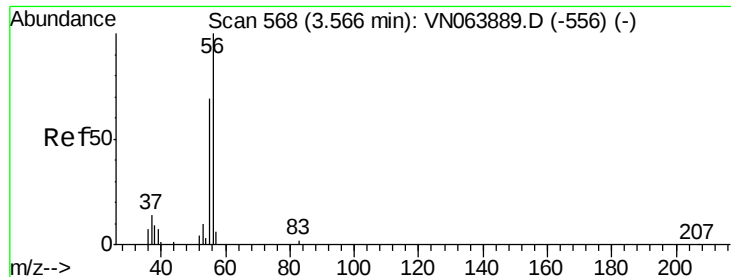
74 21.0 18.6 27.8



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 74.00 (73.70 to 74.70): V





#13

Acrolein

Concen: 95.183 ug/l

RT: 3.57 min Scan# 569

Delta R.T. 0.00 min

Lab File: VN063906.D

Acq: 6 Oct 2020 20:19

Instrument :

MSVOA_N

ClientSampleId :

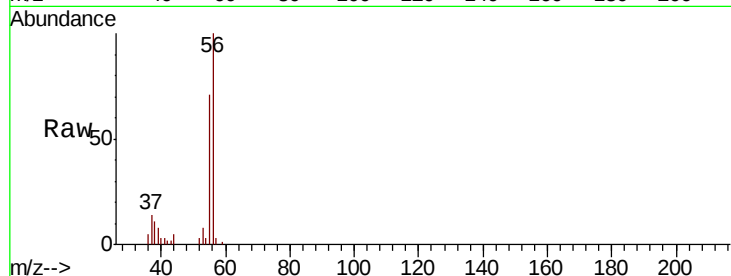
VN1006WBS03

Tot Ion: 56 Resp: 30258

Ion Ratio Lower Upper

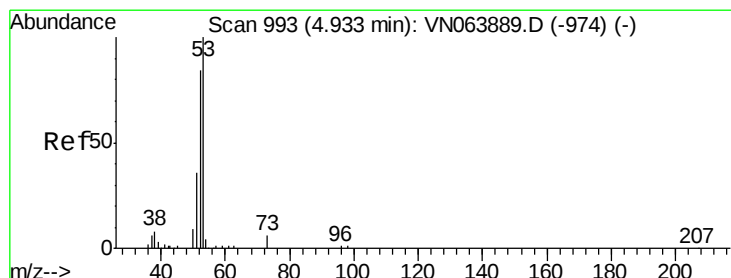
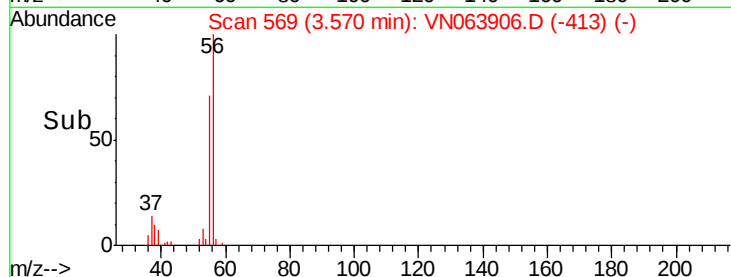
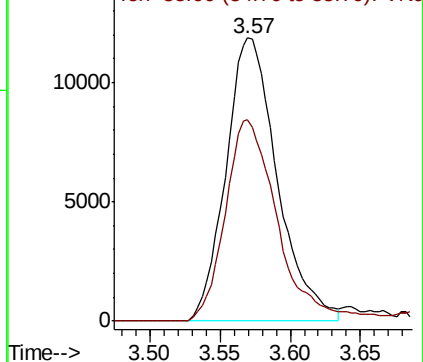
56 100

55 71.7 58.7 88.1



Abundance Ion 56.00 (55.70 to 56.70): VN063889.D (-556) (-)

Ion 55.00 (54.70 to 55.70): VN063889.D (-556) (-)



#14

Acrylonitrile

Concen: 84.040 ug/l

RT: 4.94 min Scan# 994

Delta R.T. 0.00 min

Lab File: VN063906.D

Acq: 6 Oct 2020 20:19

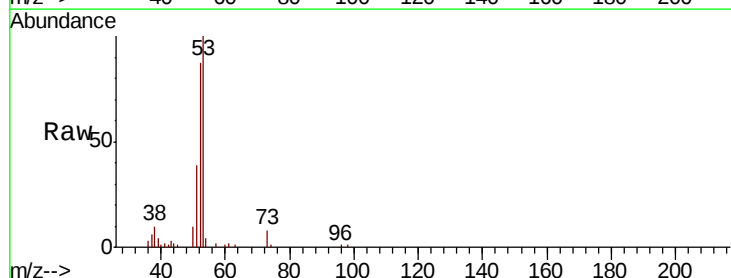
Tgt Ion: 53 Resp: 112848

Ion Ratio Lower Upper

53 100

52 81.8 39.9 119.7

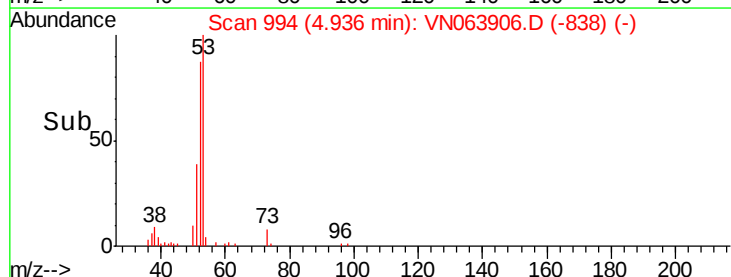
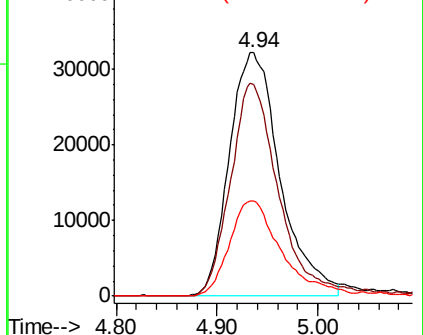
51 37.5 17.0 51.0

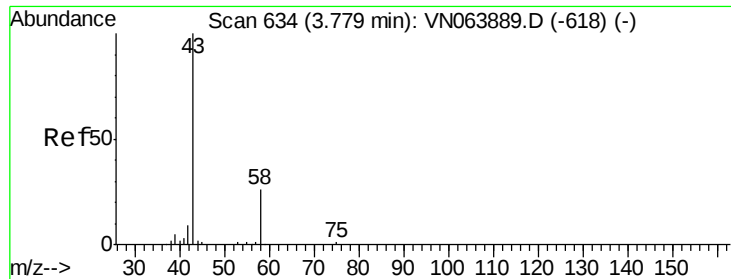


Abundance Ion 53.00 (52.70 to 53.70): VN063889.D (-974) (-)

Ion 52.00 (51.70 to 52.70): VN063889.D (-974) (-)

Ion 51.00 (50.70 to 51.70): VN063889.D (-974) (-)





#15

Acetone

Concen: 85.023 ug/l

RT: 3.78 min Scan# 634

Delta R.T. 0.00 min

Lab File: VN063906.D

Acq: 6 Oct 2020 20:19

Instrument :

MSVOA_N

ClientSampled :

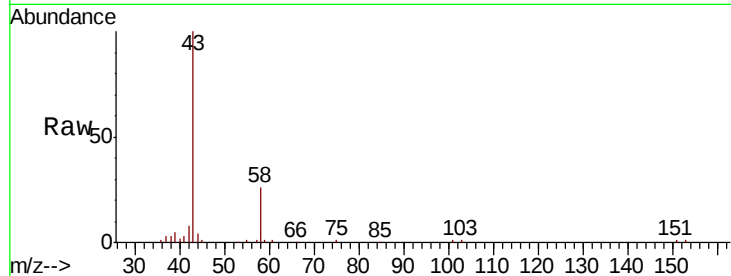
VN1006WBS03

Tot Ion: 58 Resp: 33048

Ion Ratio Lower Upper

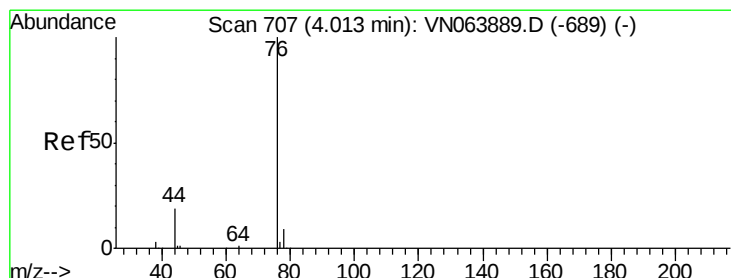
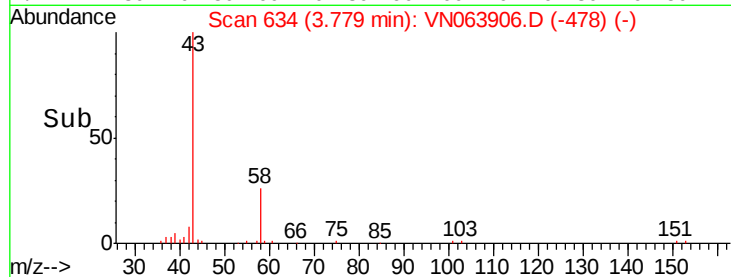
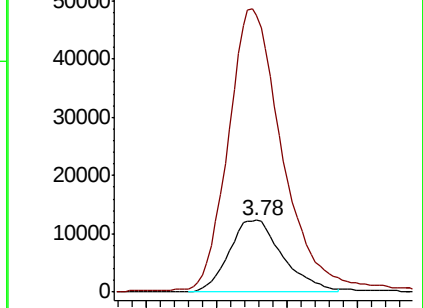
58 100

43 379.3 233.2 349.8#



Abundance Ion 58.00 (57.70 to 58.70): VN063906.D (-478) (-)

Ion 43.00 (42.70 to 43.70): VN063906.D (-478) (-)



#16

Carbon Disulfide

Concen: 18.142 ug/l

RT: 4.02 min Scan# 708

Delta R.T. 0.01 min

Lab File: VN063906.D

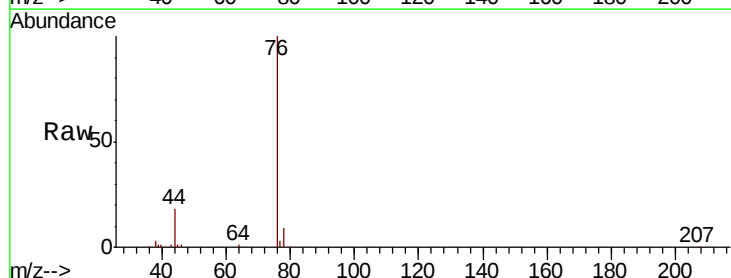
Acq: 6 Oct 2020 20:19

Tgt Ion: 76 Resp: 142769

Ion Ratio Lower Upper

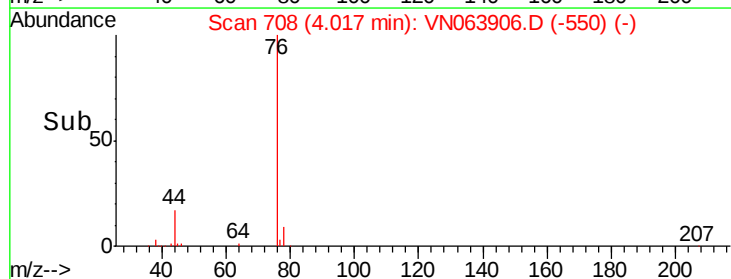
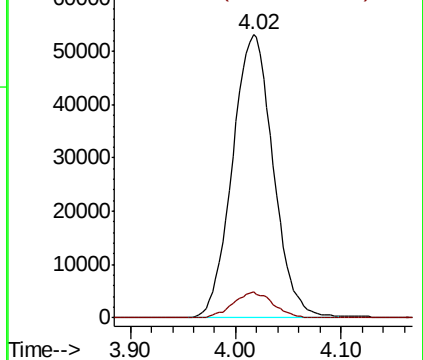
76 100

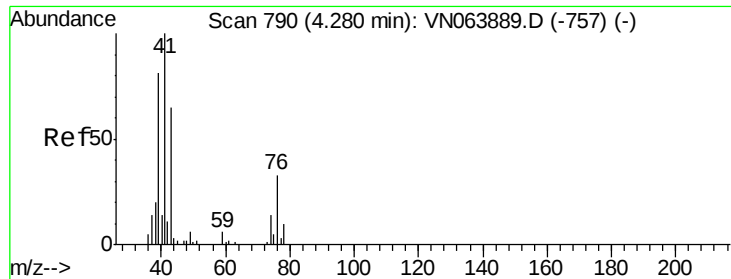
78 9.1 7.0 10.4



Abundance Ion 76.00 (75.70 to 76.70): VN063906.D (-550) (-)

Ion 78.00 (77.70 to 78.70): VN063906.D (-550) (-)

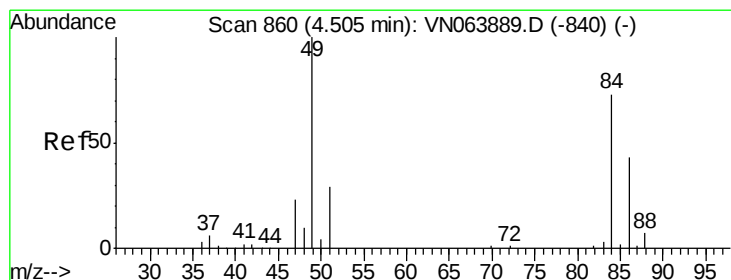
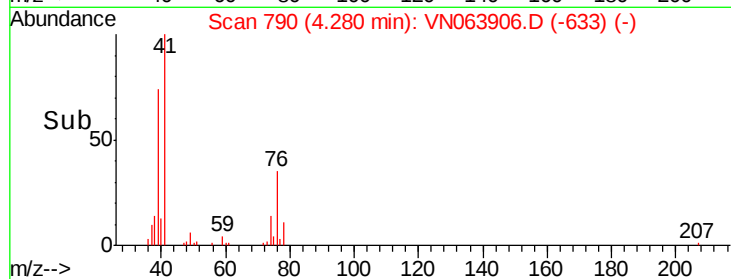
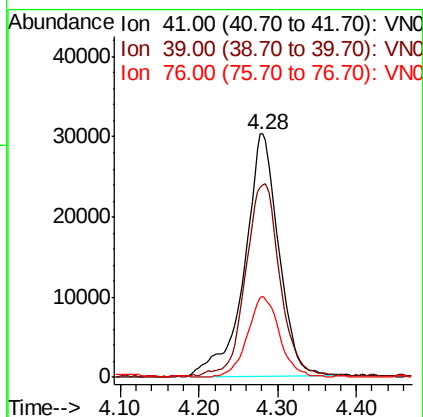
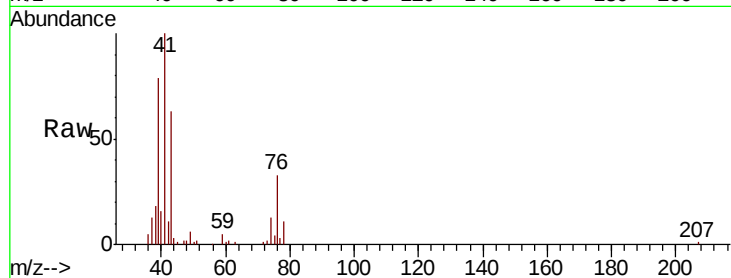




#17
Allvl chloride
Concen: 18.838 ug/l
RT: 4.28 min Scan# 790
Delta R.T. 0.01 min
Lab File: VN063906.D
Acq: 6 Oct 2020 20:19

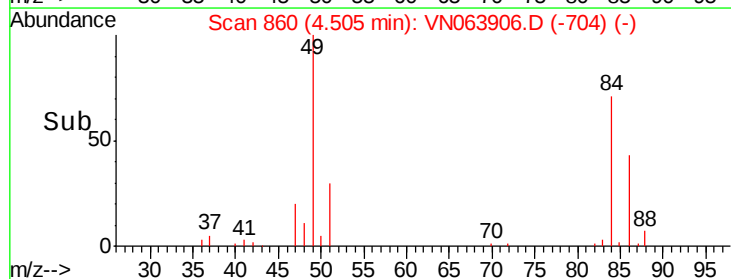
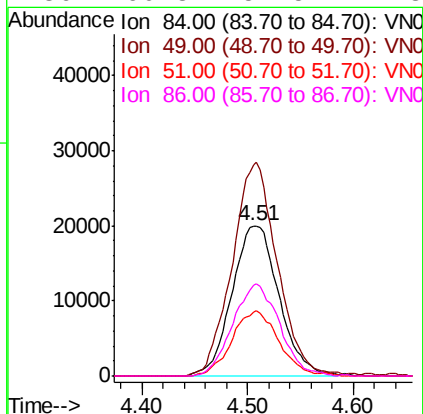
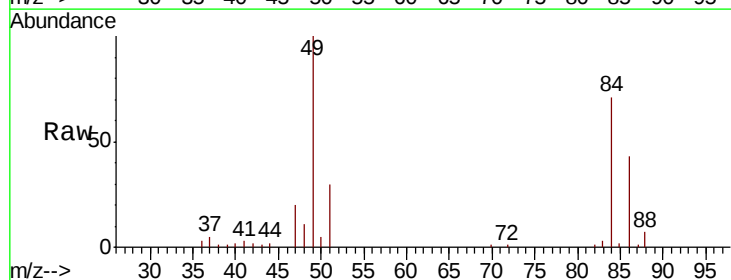
Instrument :
MSVOA_N
ClientSampleId :
VN1006WBS03

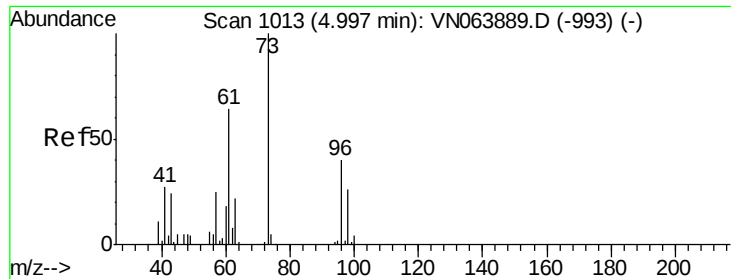
Tot Ion: 41 Resp: 93043
Ion Ratio Lower Upper
41 100
39 78.9 33.8 101.4
76 33.1 19.4 58.4



#18
Methylene Chloride
Concen: 19.432 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063906.D
Acq: 6 Oct 2020 20:19

Tgt Ion: 84 Resp: 61810
Ion Ratio Lower Upper
84 100
49 139.8 97.8 146.8
51 42.3 30.7 46.1
86 60.8 51.5 77.3

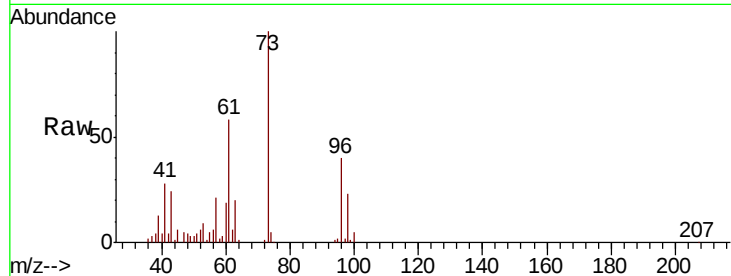




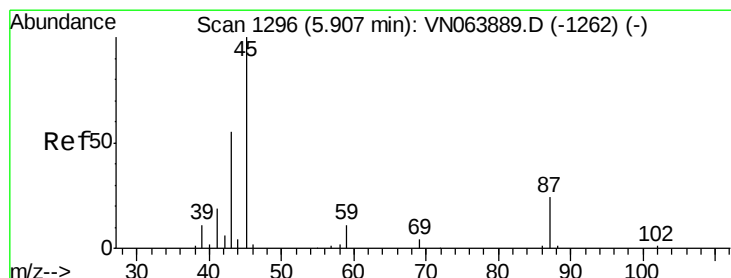
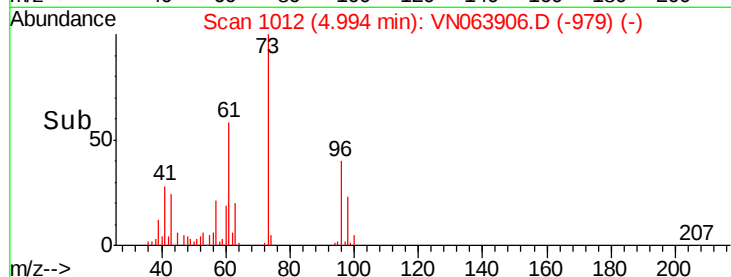
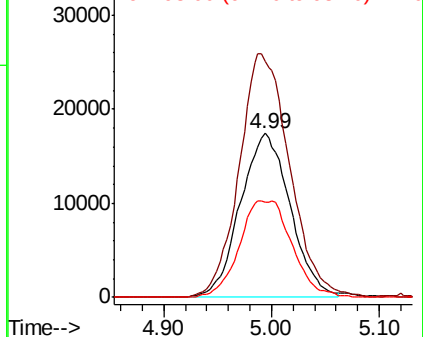
#19
trans-1,2-Dichloroethene
Concen: 18.667 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. 0.01 min
Lab File: VN063906.D
Acq: 6 Oct 2020 20:19

Instrument :
MSVOA_N
ClientSampleId :
VN1006WBS03

Tot Ion: 96 Resp: 55952
Ion Ratio Lower Upper
96 100
61 144.2 115.9 173.9
98 58.0 53.3 79.9

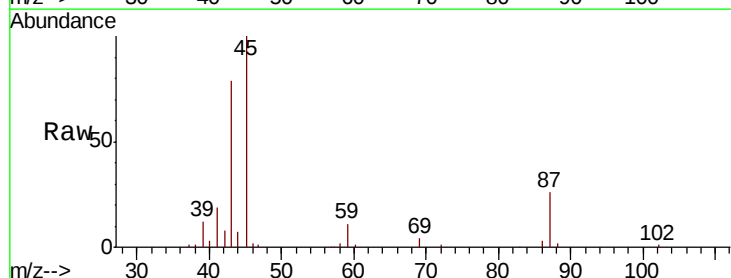


Abundance Ion 96.00 (95.70 to 96.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

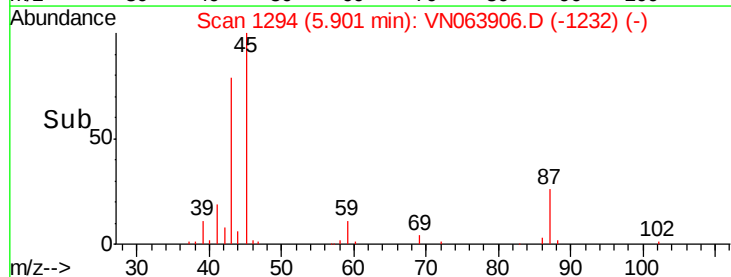
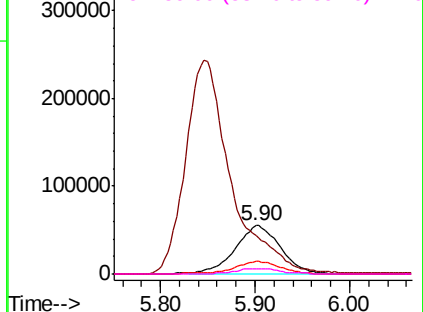


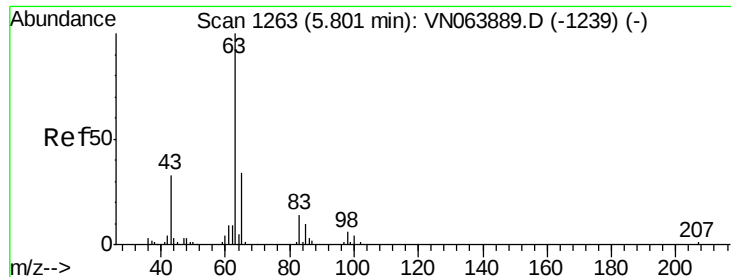
#20
Diisopropyl ether
Concen: 18.271 ug/l
RT: 5.90 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VN063906.D
Acq: 6 Oct 2020 20:19

Tgt Ion: 45 Resp: 181411
Ion Ratio Lower Upper
45 100
43 75.9 51.8 77.6
87 25.8 21.8 32.6
59 10.4 9.6 14.4



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





#21

1,1-Dichloroethane

Concen: 18.434 ug/l

RT: 5.80 min Scan# 1263

Delta R.T. 0.00 min

Lab File: VN063906.D

Acq: 6 Oct 2020 20:19

Instrument :

MSVOA_N

ClientSampleId :

VN1006WBS03

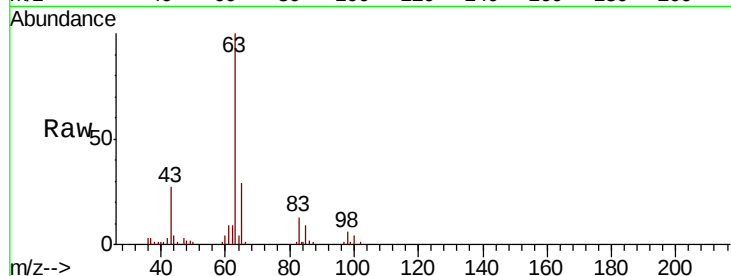
Tot Ion: 63 Resp: 110804

Ion Ratio Lower Upper

63 100

98 6.2 3.1 9.3

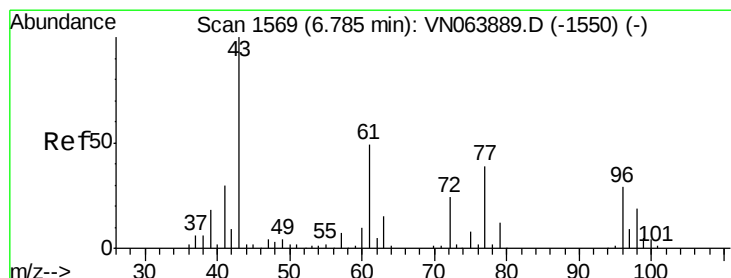
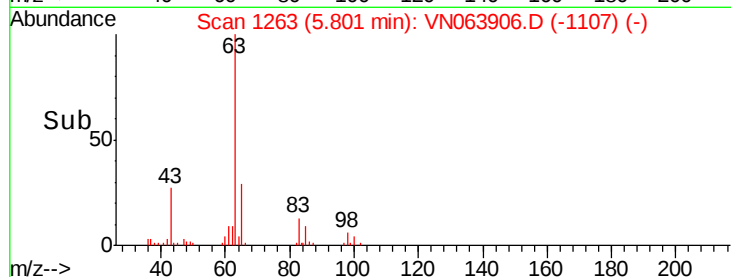
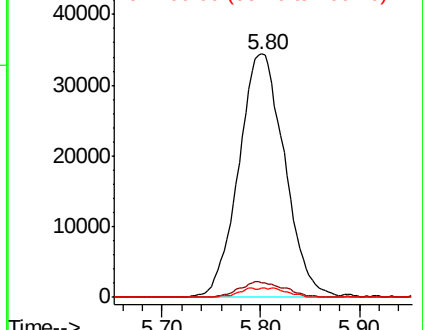
100 3.8 1.8 5.3



Abundance Ion 63.00 (62.70 to 63.70): VN063906.D (-1107) (-)

Ion 98.00 (97.70 to 98.70): VN063906.D (-1107) (-)

Ion 100.00 (99.70 to 100.70): VN063906.D (-1107) (-)



#22

cis-1,2-Dichloroethene

Concen: 18.676 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VN063906.D

Acq: 6 Oct 2020 20:19

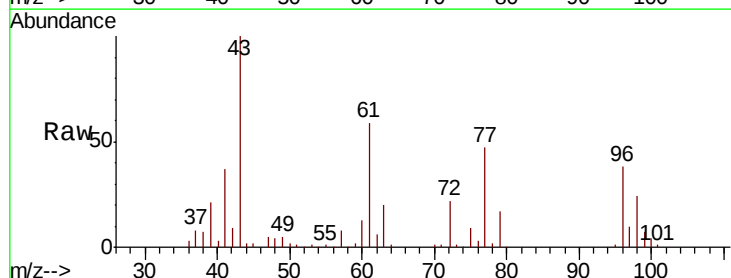
Tgt Ion: 96 Resp: 63551

Ion Ratio Lower Upper

96 100

61 162.0 120.9 181.3

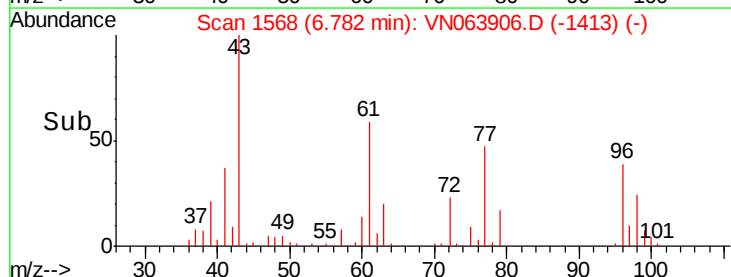
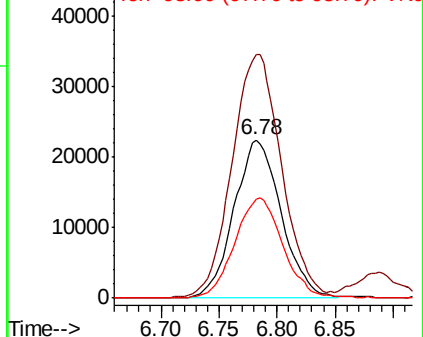
98 64.3 50.3 75.5

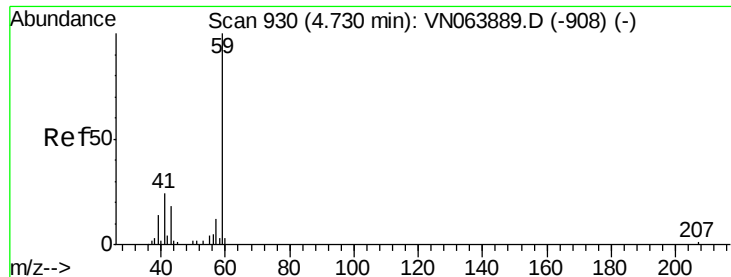


Abundance Ion 96.00 (95.70 to 96.70): VN063906.D (-1413) (-)

Ion 61.00 (60.70 to 61.70): VN063906.D (-1413) (-)

Ion 98.00 (97.70 to 98.70): VN063906.D (-1413) (-)

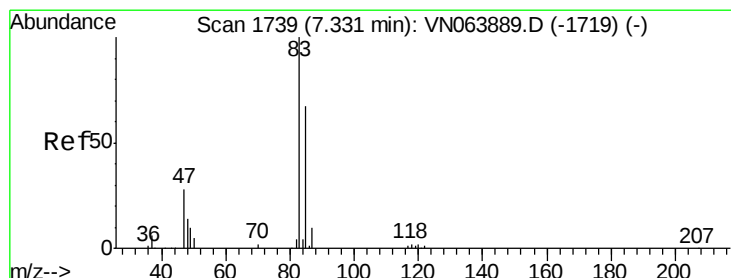
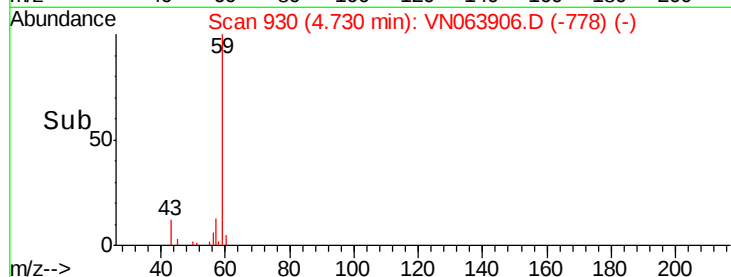
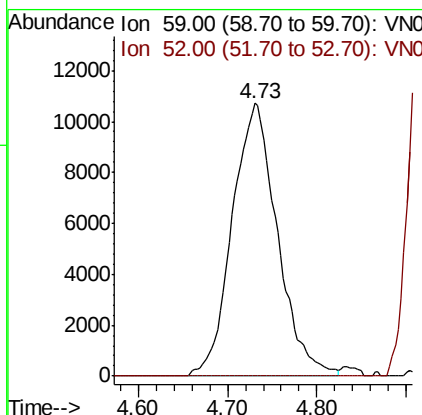
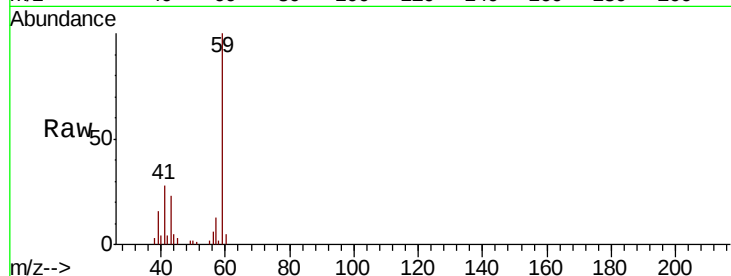




#23
tert-Butyl Alcohol
Concen: 65.232 ug/l
RT: 4.73 min Scan# 930
Delta R.T. -0.01 min
Lab File: VN063906.D
Acq: 6 Oct 2020 20:19

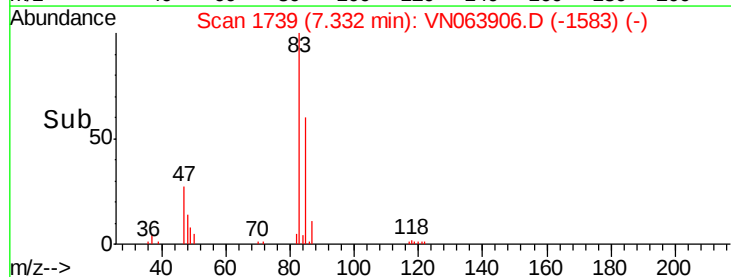
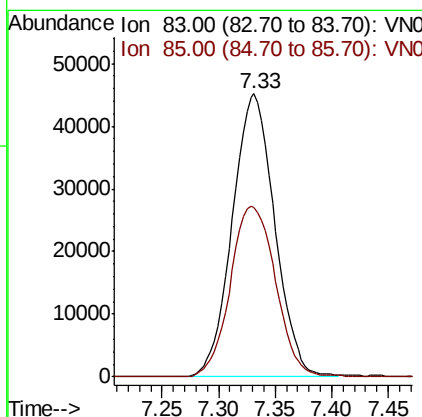
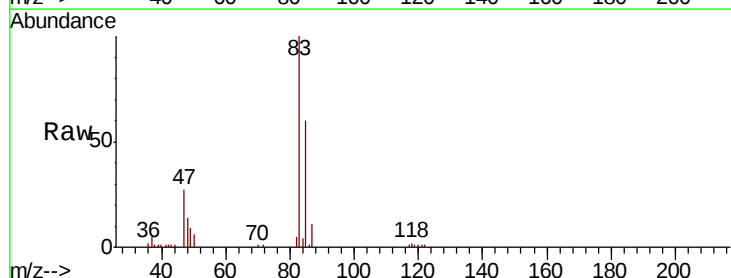
Instrument :
MSVOA_N
ClientSampleId :
VN1006WBS03

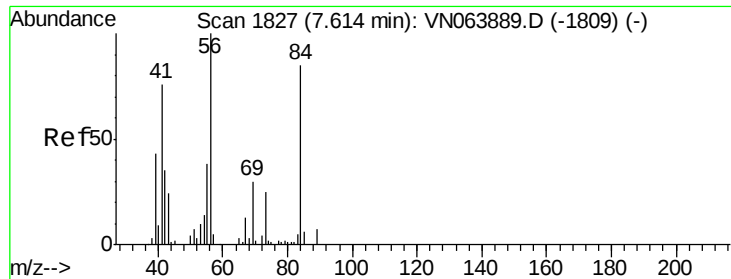
Tot Ion: 59 Resp: 37573
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#25
Chloroform
Concen: 18.704 ug/l
RT: 7.33 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VN063906.D
Acq: 6 Oct 2020 20:19

Tgt Ion: 83 Resp: 117884
Ion Ratio Lower Upper
83 100
85 59.8 51.0 76.4

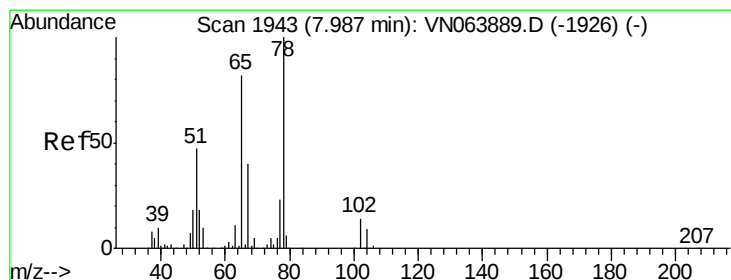
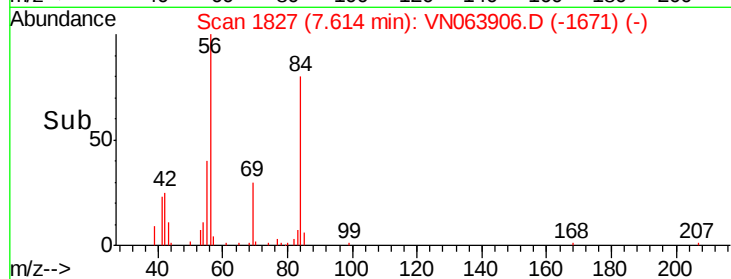
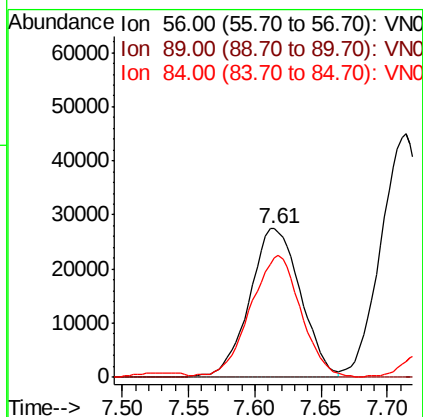
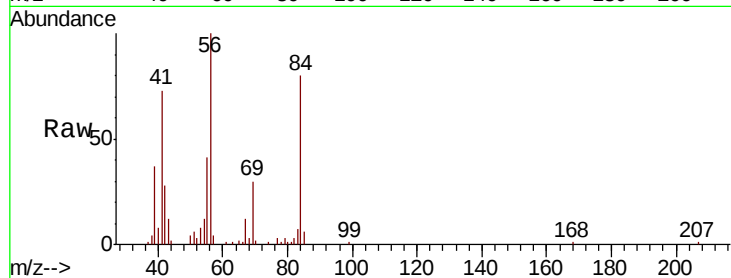




#26
Cyclohexane
Concen: 17.079 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN063906.D
Acq: 6 Oct 2020 20:19

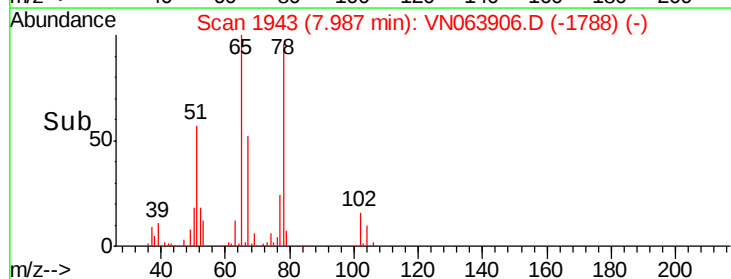
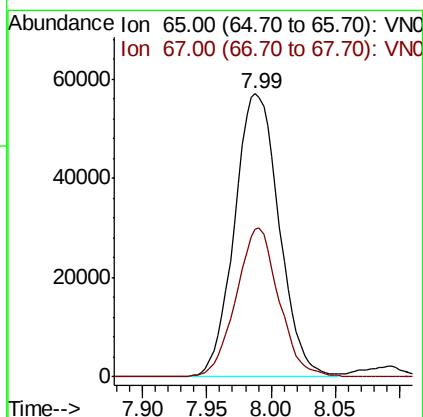
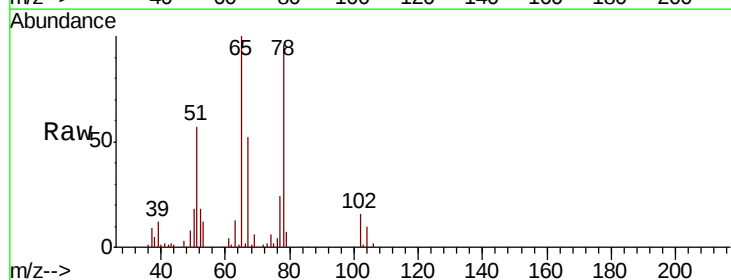
Instrument :
MSVOA_N
ClientSampled :
VN1006WBS03

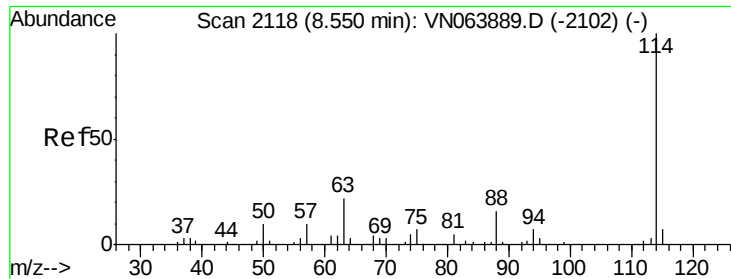
Tot Ion: 56 Resp: 73945
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 80.8 65.0 97.4



#27
1,2-Dichloroethane-d4
Concen: 31.017 ug/l
RT: 7.99 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN063906.D
Acq: 6 Oct 2020 20:19

Tgt Ion: 65 Resp: 137758
Ion Ratio Lower Upper
65 100
67 50.2 43.8 65.6

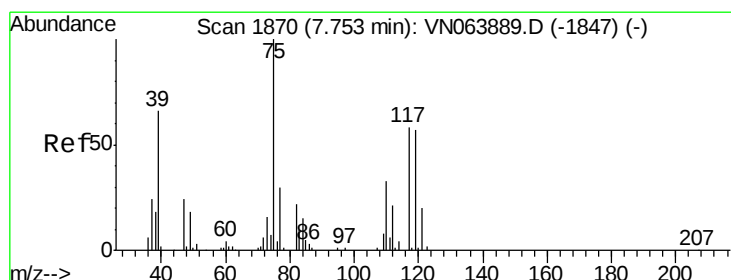
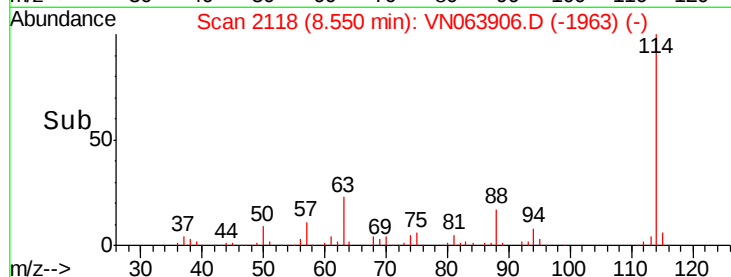
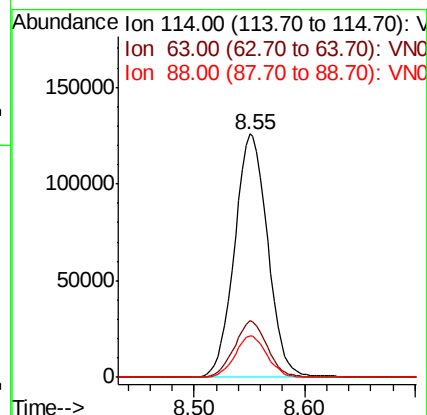
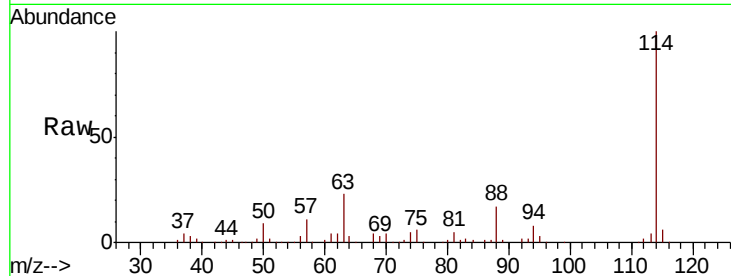




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. -0.00 min
 Lab File: VN063906.D
 Acq: 6 Oct 2020 20:19

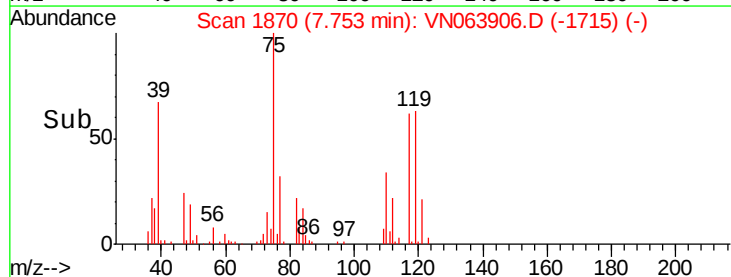
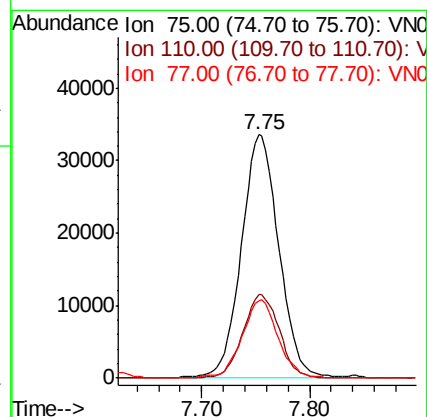
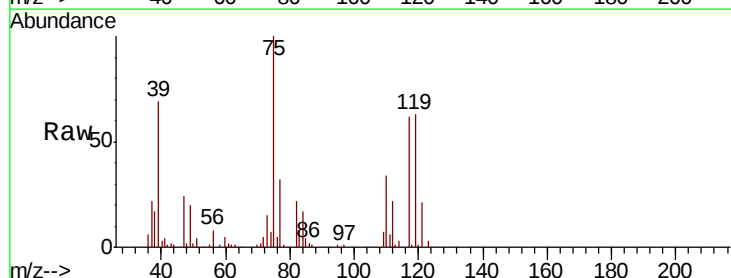
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1006WBS03

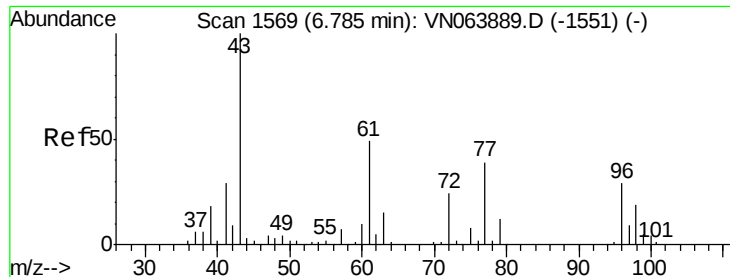
Tot Ion:114 Resp: 261754
 Ion Ratio Lower Upper
 114 100
 63 23.0 17.0 25.6
 88 16.4 12.6 18.8



#29
 1,1-Dichloropropene
 Concen: 17.700 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. -0.00 min
 Lab File: VN063906.D
 Acq: 6 Oct 2020 20:19

Tgt Ion: 75 Resp: 81136
 Ion Ratio Lower Upper
 75 100
 110 33.4 0.0 70.6
 77 31.0 0.0 60.2

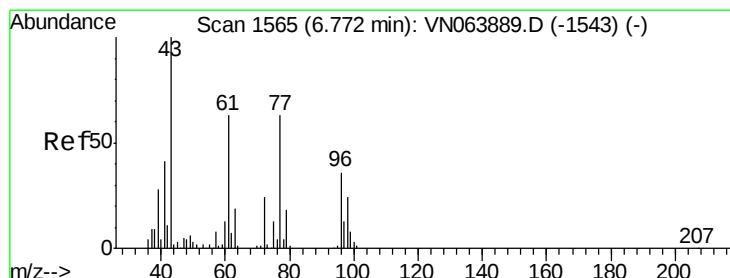
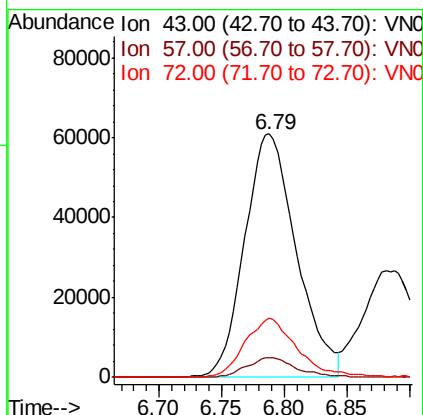
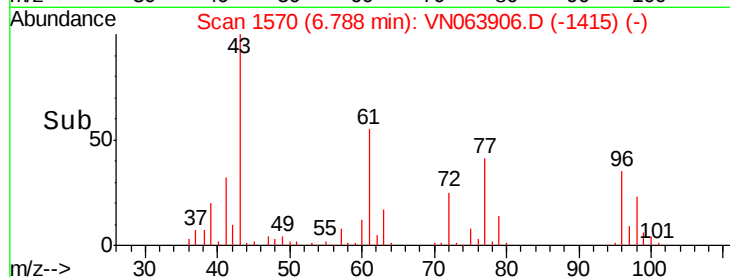
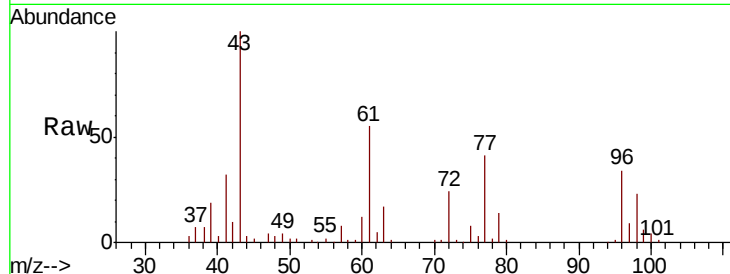




#30
2-Butanone
Concen: 77.273 ug/l
RT: 6.79 min Scan# 1570
Delta R.T. -0.00 min
Lab File: VN063906.D
Acq: 6 Oct 2020 20:19

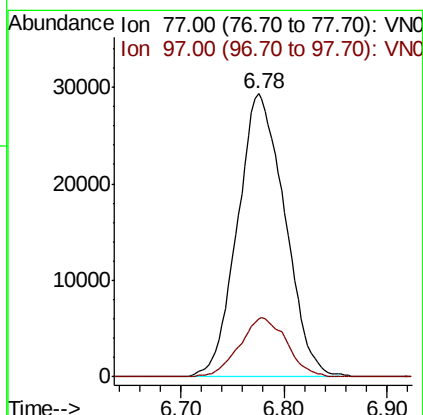
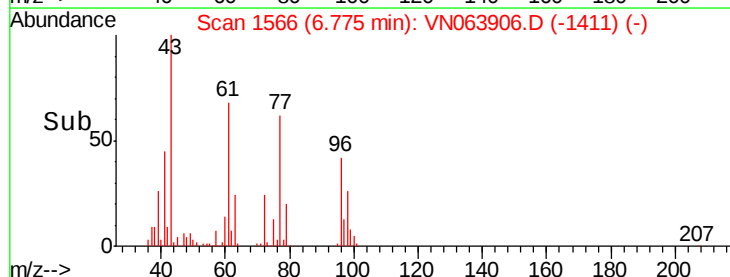
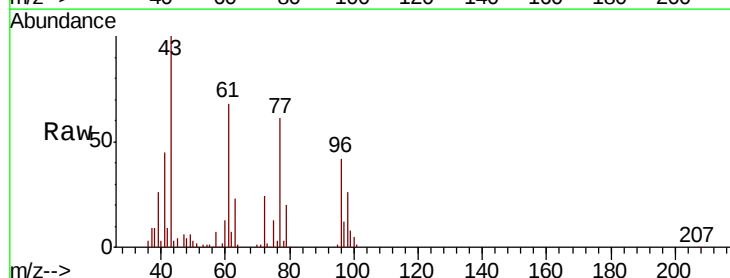
Instrument :
MSVOA_N
ClientSampleId :
VN1006WBS03

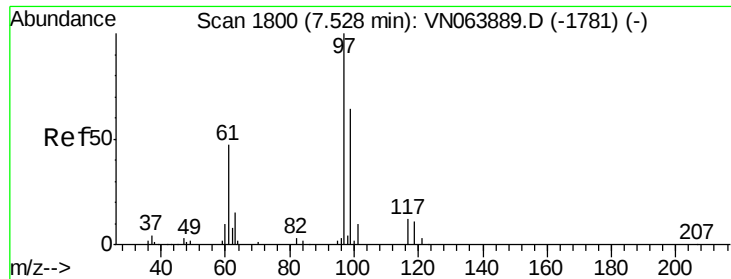
Tot Ion: 43 Resp: 173731
Ion Ratio Lower Upper
43 100
57 7.9 6.6 9.8
72 24.3 21.3 31.9



#31
2,2-Dichloropropane
Concen: 17.046 ug/l
RT: 6.78 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VN063906.D
Acq: 6 Oct 2020 20:19

Tgt Ion: 77 Resp: 93379
Ion Ratio Lower Upper
77 100
97 20.8 18.2 27.4





#32

1,1,1-Trichloroethane

Concen: 18.155 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VN063906.D

Acq: 6 Oct 2020 20:19

Instrument :

MSVOA_N

ClientSampled :

VN1006WBS03

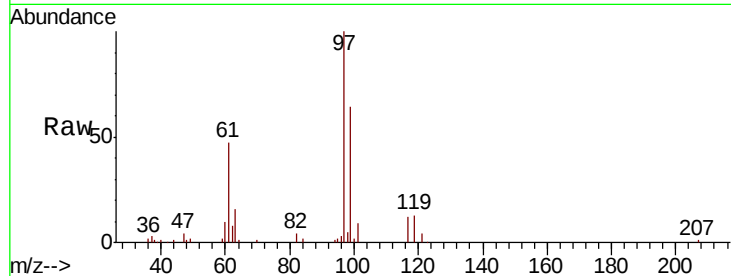
Tot Ion: 97 Resp: 106167

Ion Ratio Lower Upper

97 100

99 64.7 51.7 77.5

61 46.2 35.3 52.9

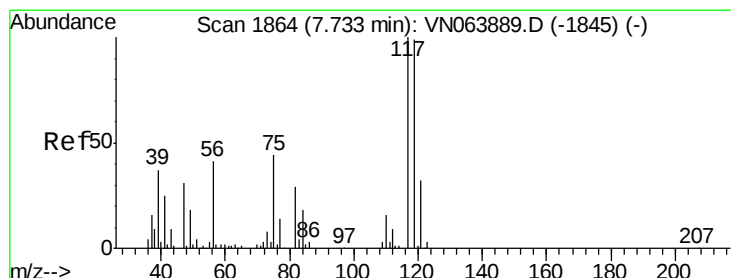
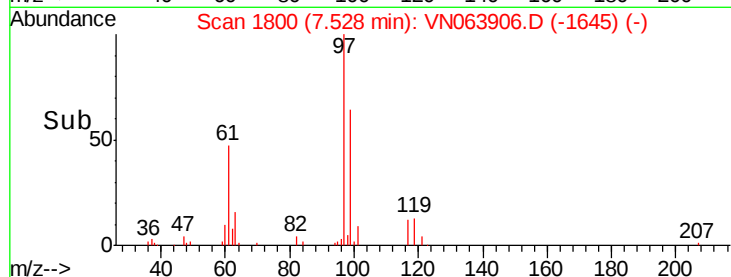
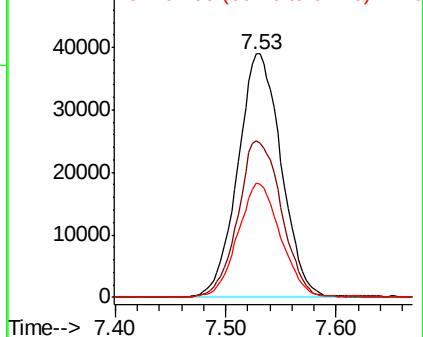


Abundance

Ion 97.00 (96.70 to 97.70): VN0

Ion 99.00 (98.70 to 99.70): VN0

Ion 61.00 (60.70 to 61.70): VN0



#33

Carbon Tetrachloride

Concen: 17.489 ug/l

RT: 7.73 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VN063906.D

Acq: 6 Oct 2020 20:19

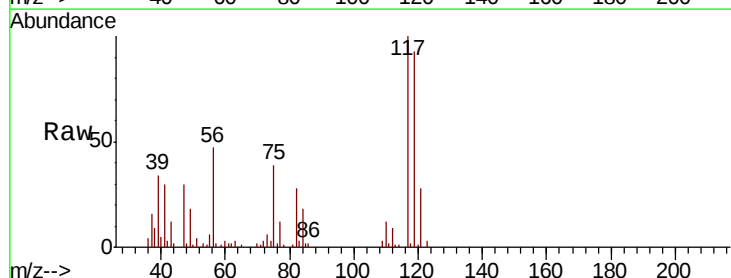
Tgt Ion: 117 Resp: 89604

Ion Ratio Lower Upper

117 100

119 92.6 73.0 109.4

121 28.5 24.9 37.3

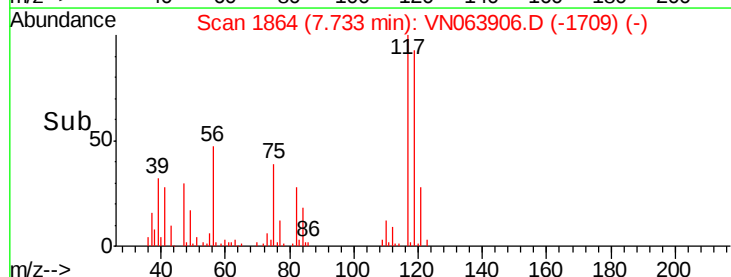
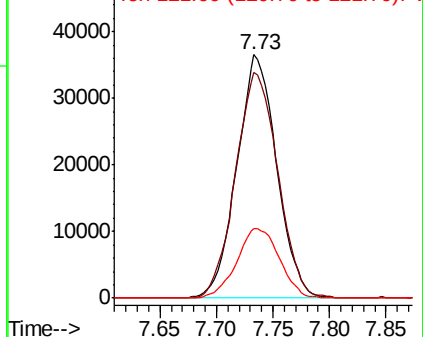


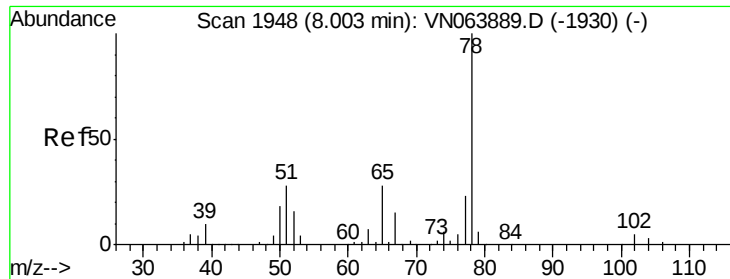
Abundance

Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V





#34

Benzene

Concen: 17.889 ug/l

RT: 8.00 min Scan# 1948

Delta R.T. 0.00 min

Lab File: VN063906.D

Acq: 6 Oct 2020 20:19

Instrument :

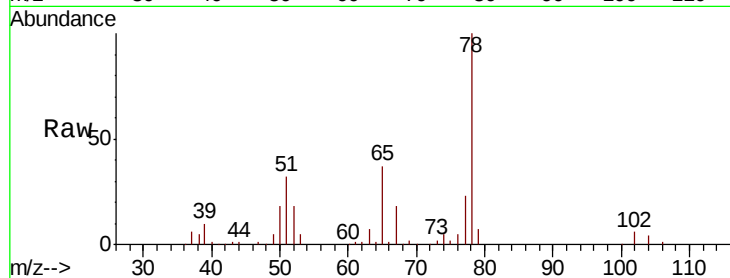
MSVOA_N

ClientSampled :

VN1006WBS03

Tot Ion: 78 Resp: 233140

Ion	Ratio	Lower	Upper
78	100		
77	23.4	18.6	27.8
51	32.2	22.2	33.2

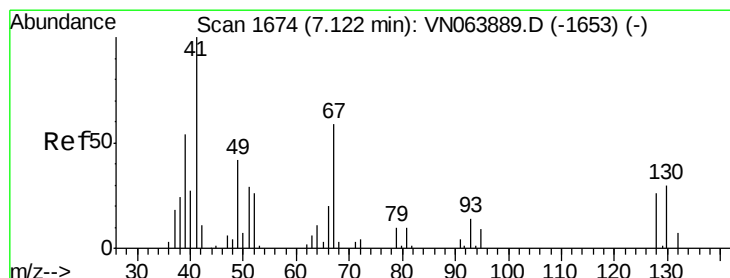
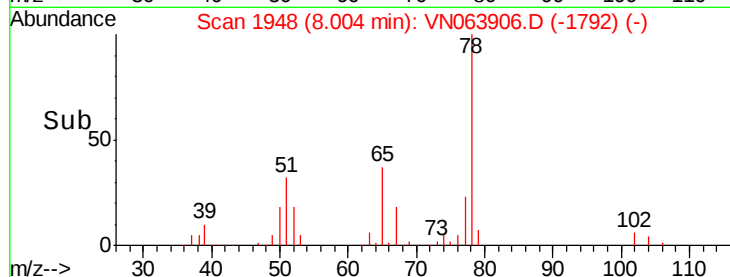
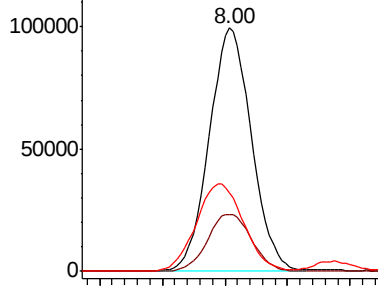


Abundance

Ion 78.10 (77.80 to 78.80): VN0

Ion 77.00 (76.70 to 77.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#35

Methacrylonitrile

Concen: 16.232 ug/l

RT: 7.12 min Scan# 1674

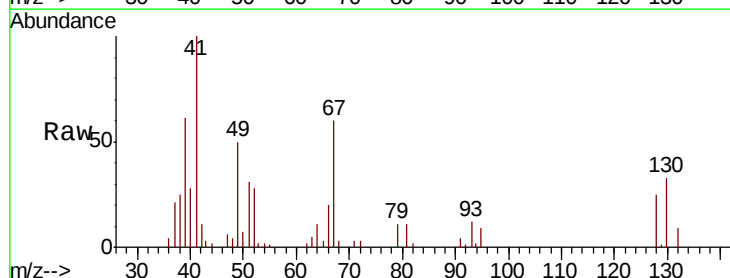
Delta R.T. -0.01 min

Lab File: VN063906.D

Acq: 6 Oct 2020 20:19

Tgt Ion: 41 Resp: 34686

Ion	Ratio	Lower	Upper
41	100		
39	59.7	23.7	71.1
67	60.0	31.6	94.7
52	27.4	13.1	39.3



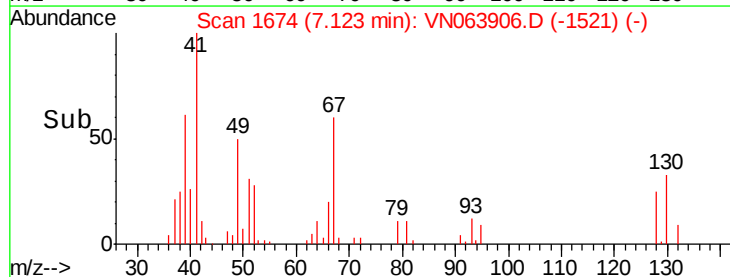
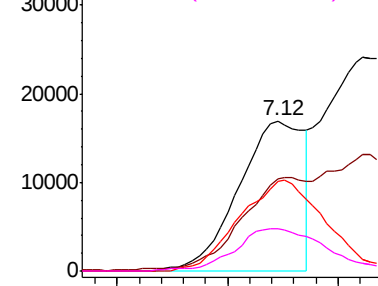
Abundance

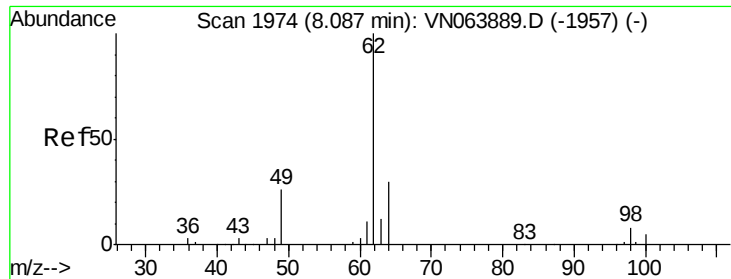
Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

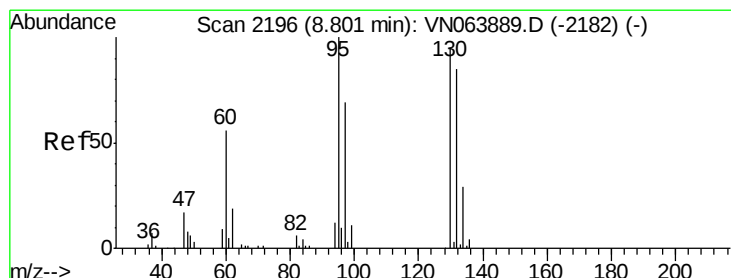
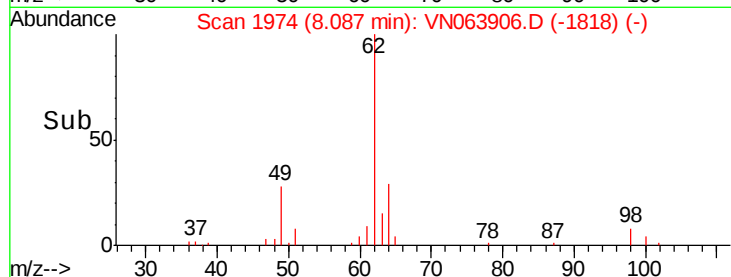
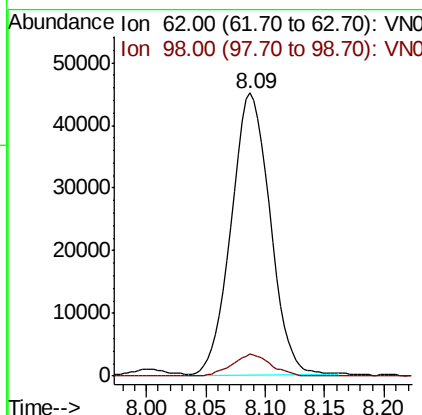
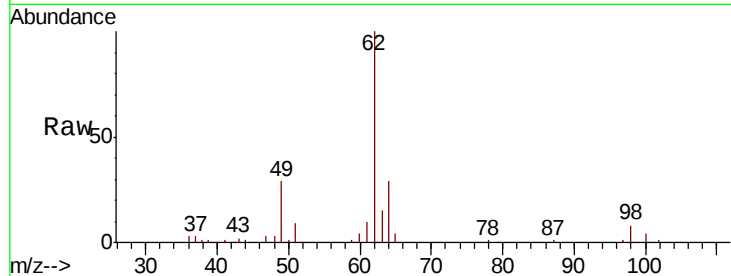




#36
1,2-Dichloroethane
Concen: 17.797 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN063906.D
Acq: 6 Oct 2020 20:19

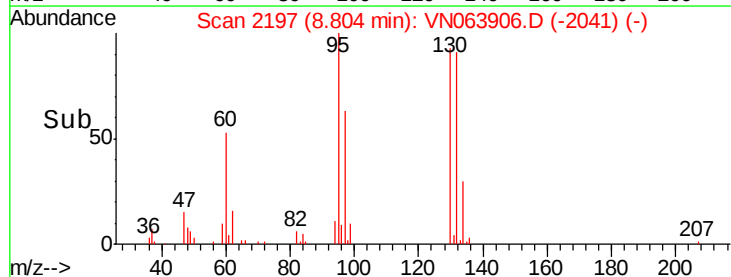
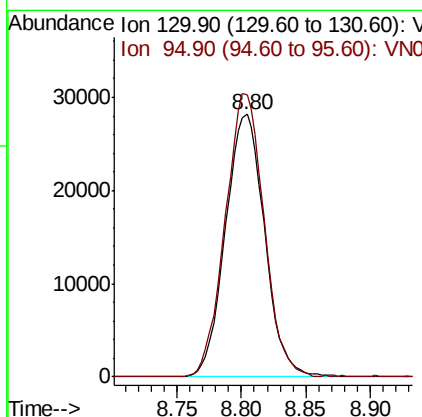
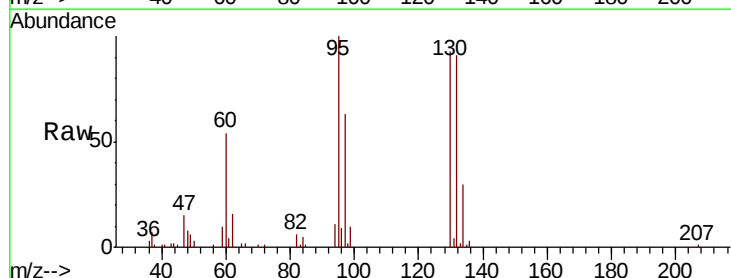
Instrument :
MSVOA_N
ClientSampleId :
VN1006WBS03

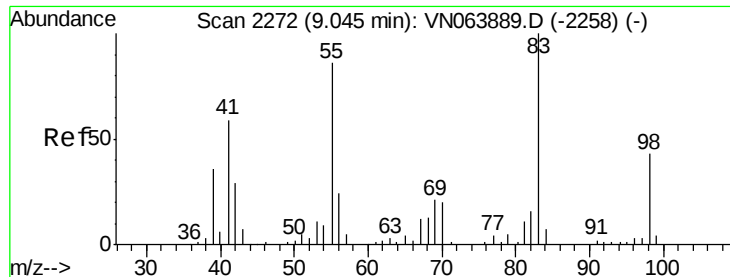
Tot Ion: 62 Resp: 101907
Ion Ratio Lower Upper
62 100
98 7.7 7.6 11.4



#37
Trichloroethene
Concen: 17.430 ug/l
RT: 8.80 min Scan# 2197
Delta R.T. 0.00 min
Lab File: VN063906.D
Acq: 6 Oct 2020 20:19

Tgt Ion:130 Resp: 59519
Ion Ratio Lower Upper
130 100
95 107.2 78.9 118.3

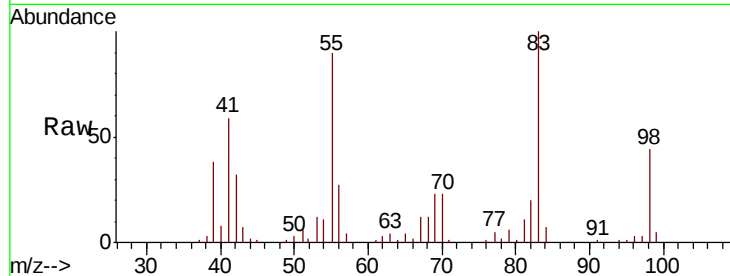




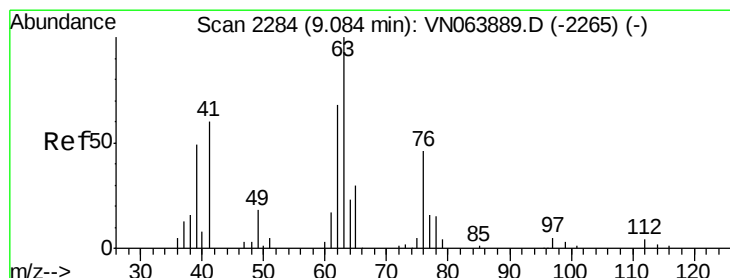
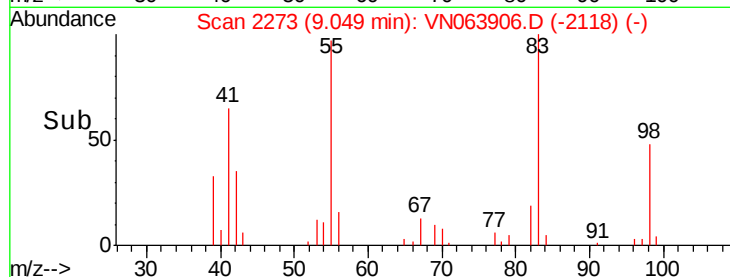
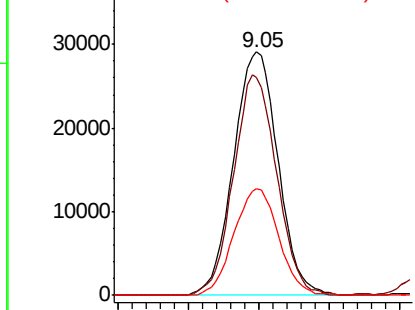
#38
Methvlcvclohexane
Concen: 16.589 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN063906.D
Acq: 6 Oct 2020 20:19

Instrument :
MSVOA_N
ClientSampleId :
VN1006WBS03

Tot Ion: 83 Resp: 64207
Ion Ratio Lower Upper
83 100
55 87.6 41.9 125.7
98 43.9 22.2 66.6

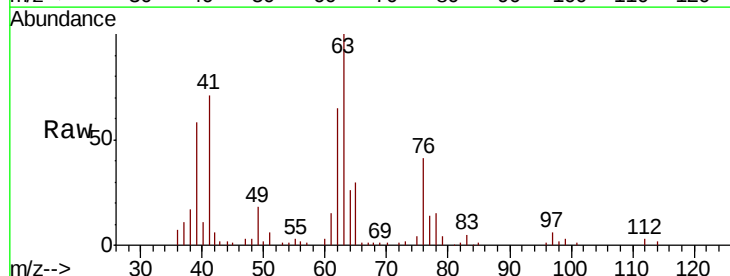


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

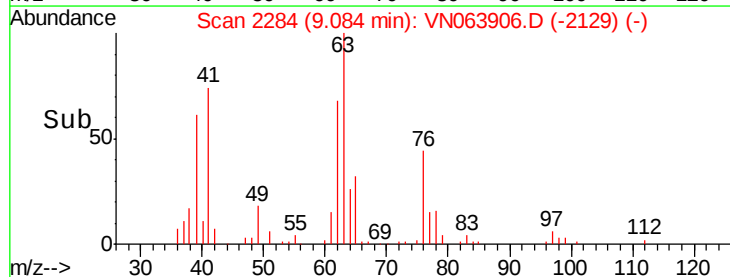
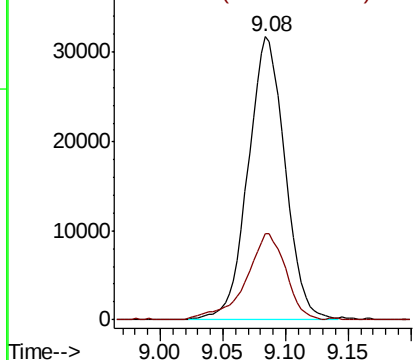


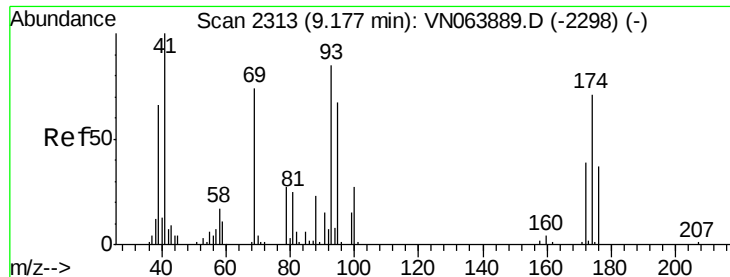
#39
1,2-Dichloropropane
Concen: 18.368 ug/l
RT: 9.08 min Scan# 2284
Delta R.T. -0.00 min
Lab File: VN063906.D
Acq: 6 Oct 2020 20:19

Tgt Ion: 63 Resp: 65045
Ion Ratio Lower Upper
63 100
65 29.9 25.1 37.7



Abundance Ion 63.00 (62.70 to 63.70): VN0
Ion 65.00 (64.70 to 65.70): VN0





#40

Dibromomethane

Concen: 17.948 ug/l

RT: 9.18 min Scan# 2313

Delta R.T. 0.00 min

Lab File: VN063906.D

Acq: 6 Oct 2020 20:19

Instrument :

MSVOA_N

ClientSampleId :

VN1006WBS03

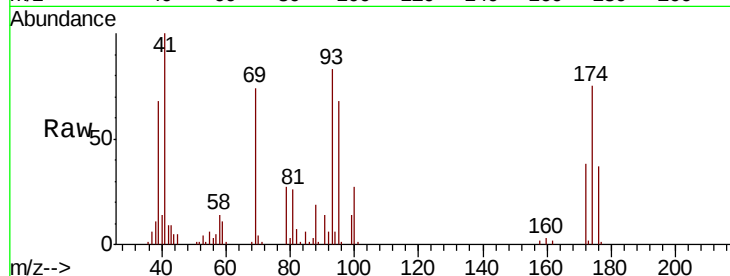
Tot Ion: 93 Resp: 44389

Ion Ratio Lower Upper

93 100

95 83.1 0.0 168.2

174 89.1 0.0 208.4

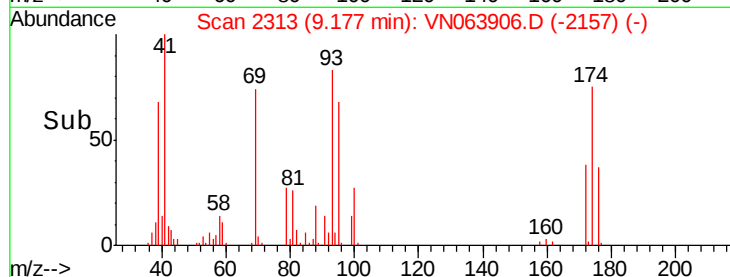


Abundance Ion 93.00 (92.70 to 93.70): VN063889.D (-2298) (-)

Ion 95.00 (94.70 to 95.70): VN063889.D (-2298) (-)

Ion 174.00 (173.70 to 174.70): VN063889.D (-2298) (-)

Time-->

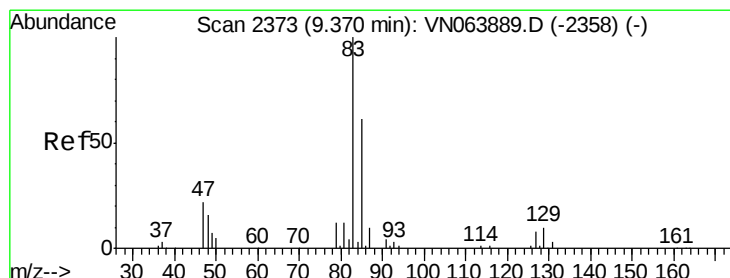


Abundance Ion 93.00 (92.70 to 93.70): VN063906.D (-2157) (-)

Ion 95.00 (94.70 to 95.70): VN063906.D (-2157) (-)

Ion 174.00 (173.70 to 174.70): VN063906.D (-2157) (-)

Time-->



#41

Bromodichloromethane

Concen: 17.859 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN063906.D

Acq: 6 Oct 2020 20:19

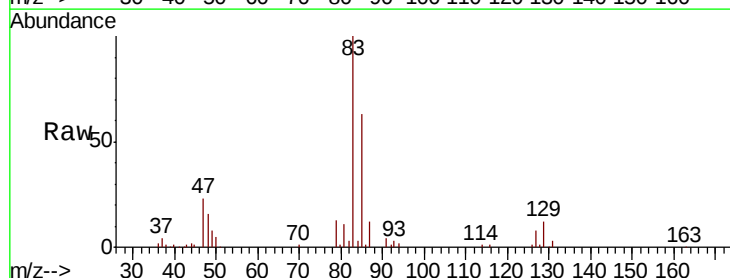
Tgt Ion: 83 Resp: 91801

Ion Ratio Lower Upper

83 100

85 62.7 52.6 79.0

127 8.4 7.4 11.0

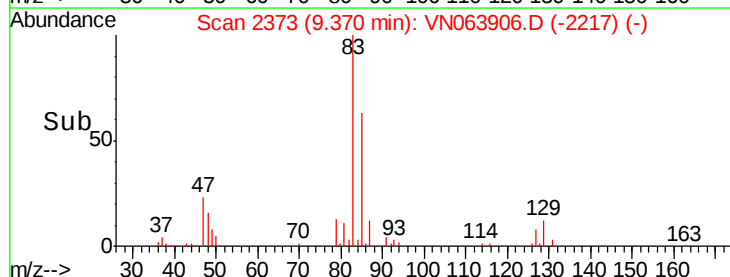


Abundance Ion 83.00 (82.70 to 83.70): VN063889.D (-2358) (-)

Ion 85.00 (84.70 to 85.70): VN063889.D (-2358) (-)

Ion 127.00 (126.70 to 127.70): VN063889.D (-2358) (-)

Time-->

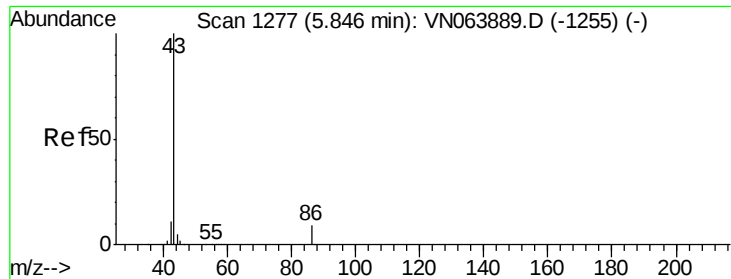


Abundance Ion 83.00 (82.70 to 83.70): VN063906.D (-2217) (-)

Ion 85.00 (84.70 to 85.70): VN063906.D (-2217) (-)

Ion 127.00 (126.70 to 127.70): VN063906.D (-2217) (-)

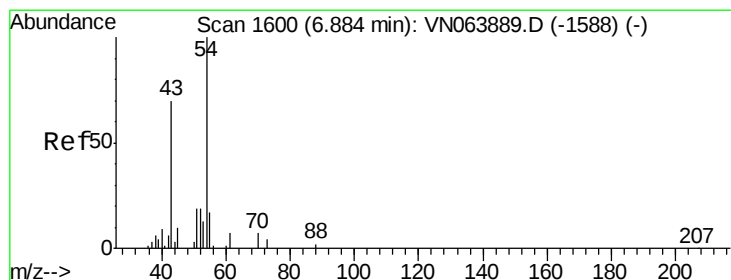
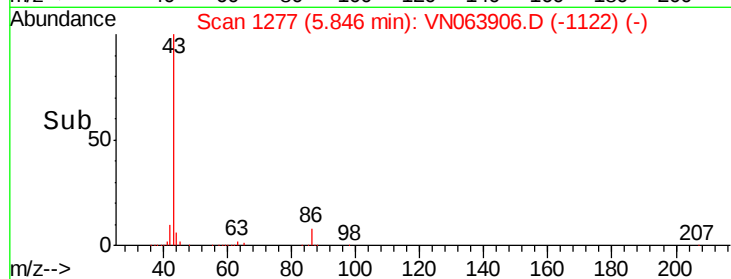
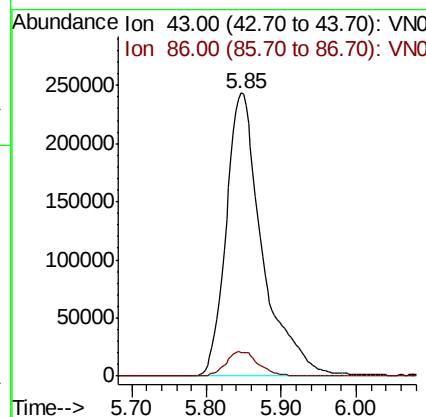
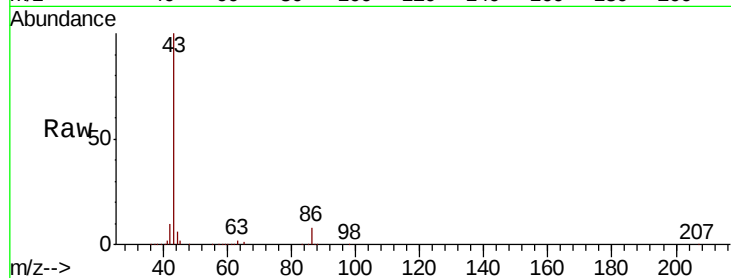
Time-->



#42
 Vinyl Acetate
 Concen: 87.495 ug/l
 RT: 5.85 min Scan# 1277
 Delta R.T. -0.00 min
 Lab File: VN063906.D
 Acq: 6 Oct 2020 20:19

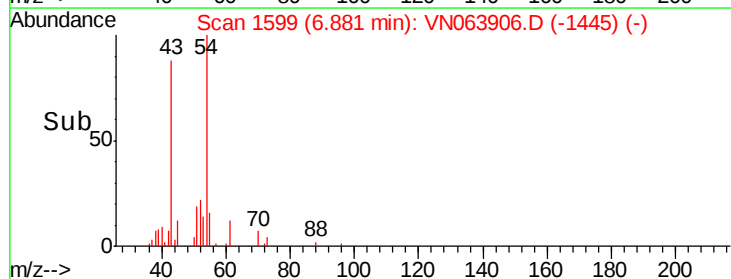
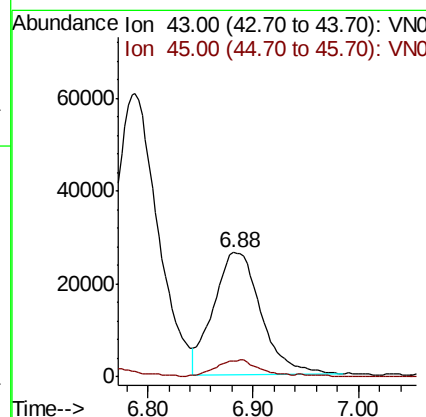
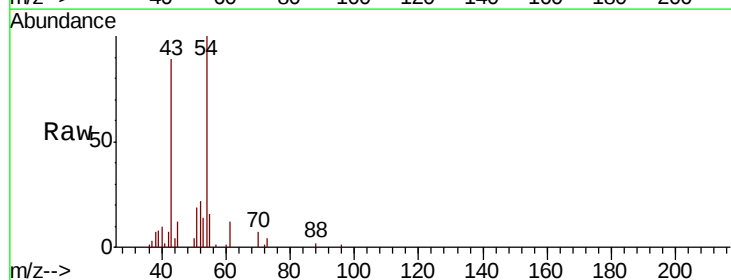
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1006WBS03

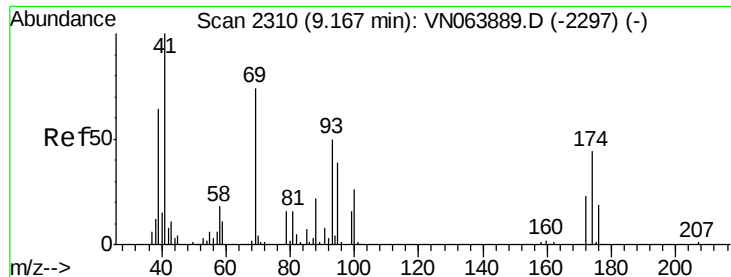
Tot Ion: 43 Resp: 816404
 Ion Ratio Lower Upper
 43 100
 86 7.8 6.7 10.1



#43
 Ethyl Acetate
 Concen: 17.139 ug/l
 RT: 6.88 min Scan# 1599
 Delta R.T. -0.00 min
 Lab File: VN063906.D
 Acq: 6 Oct 2020 20:19

Tgt Ion: 43 Resp: 82517
 Ion Ratio Lower Upper
 43 100
 45 11.9 11.3 16.9

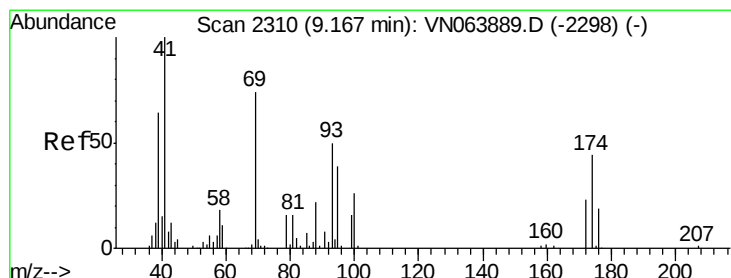
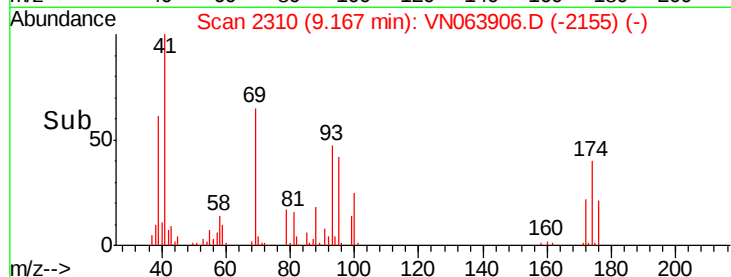
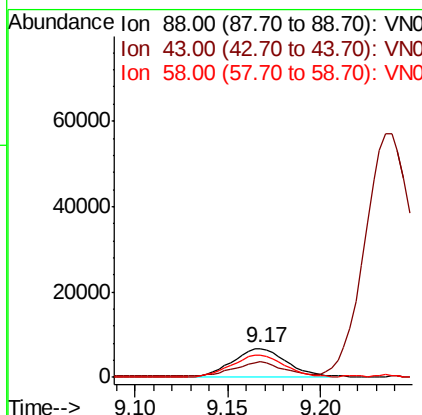
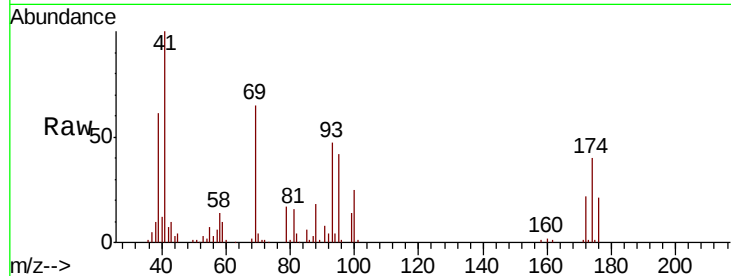




#45
 1,4-Dioxane
 Concen: 271.341 ug/l
 RT: 9.17 min Scan# 2310
 Delta R.T. -0.00 min
 Lab File: VN063906.D
 Acq: 6 Oct 2020 20:19

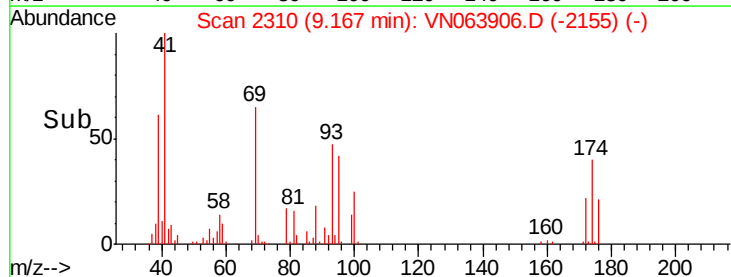
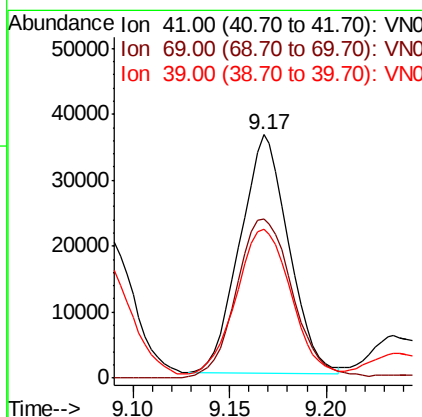
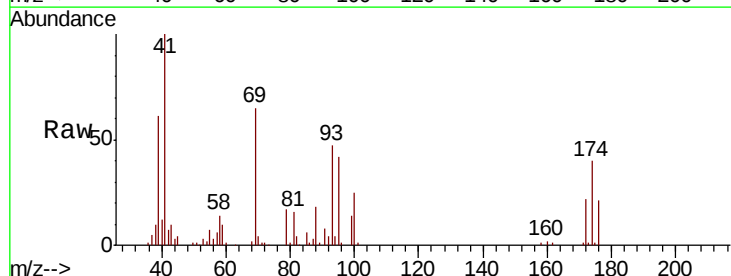
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1006WBS03

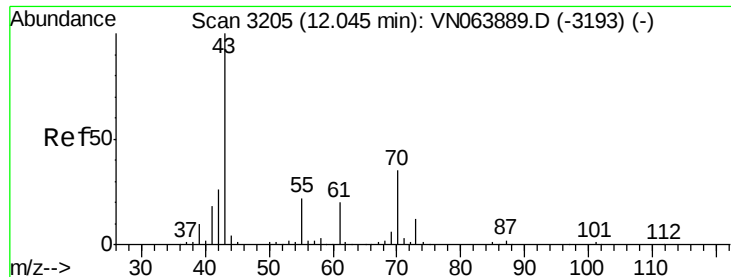
Tot Ion: 88 Resp: 13881
 Ion Ratio Lower Upper
 88 100
 43 44.0 28.5 42.7#
 58 75.2 59.6 89.4



#46
 Methyl methacrylate
 Concen: 16.068 ug/l
 RT: 9.17 min Scan# 2310
 Delta R.T. -0.00 min
 Lab File: VN063906.D
 Acq: 6 Oct 2020 20:19

Tgt Ion: 41 Resp: 63786
 Ion Ratio Lower Upper
 41 100
 69 65.9 42.6 128.0
 39 60.5 25.1 75.4

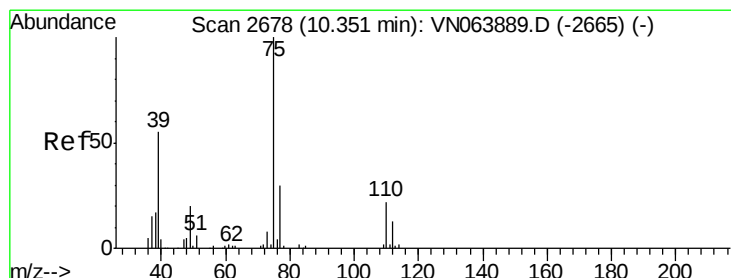
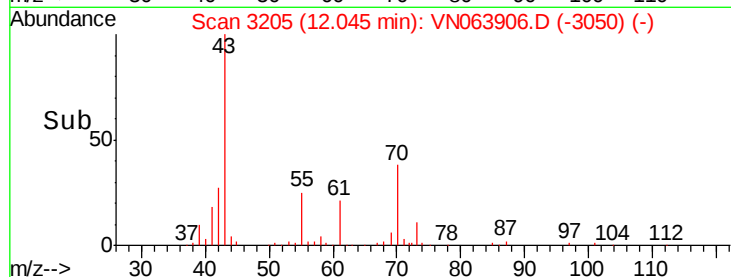
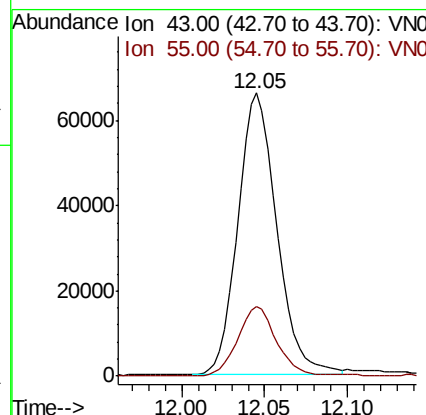
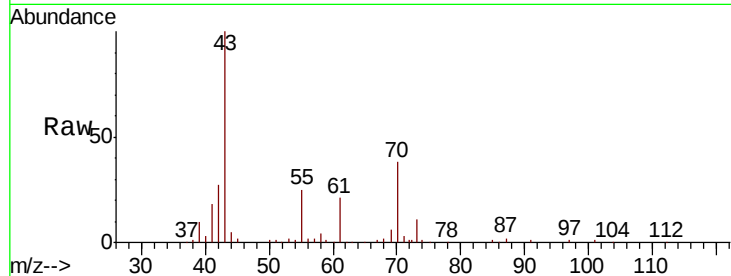




#47
 n-amvl Acetate
 Concen: 15.244 ug/l
 RT: 12.05 min Scan# 3205
 Delta R.T. -0.00 min
 Lab File: VN063906.D
 Acq: 6 Oct 2020 20:19

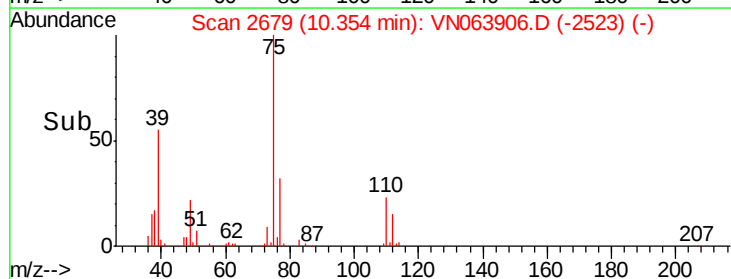
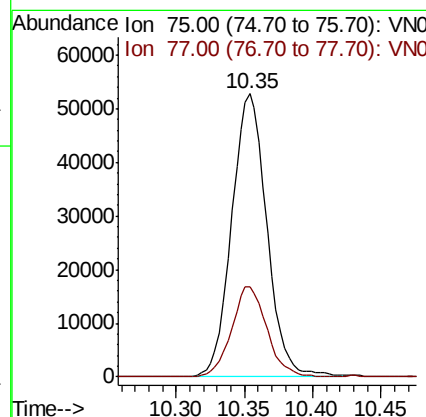
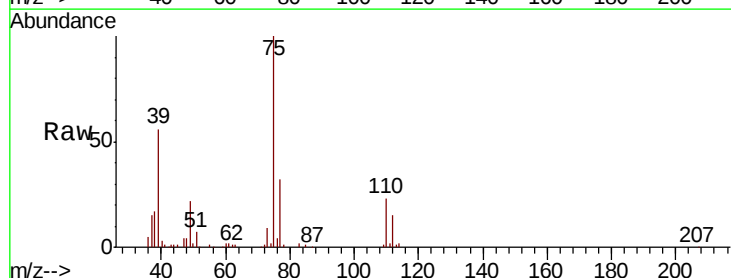
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1006WBS03

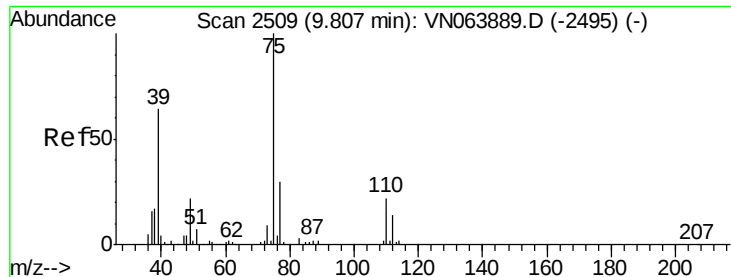
Tot Ion: 43 Resp: 108146
 Ion Ratio Lower Upper
 43 100
 55 24.4 21.2 31.8



#48
 t-1,3-Dichloropropene
 Concen: 16.992 ug/l
 RT: 10.35 min Scan# 2679
 Delta R.T. 0.00 min
 Lab File: VN063906.D
 Acq: 6 Oct 2020 20:19

Tgt Ion: 75 Resp: 94384
 Ion Ratio Lower Upper
 75 100
 77 31.8 23.8 35.8





#49

cis-1,3-Dichloropropene

Concen: 17.470 ug/l

RT: 9.81 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VN063906.D

Acq: 6 Oct 2020 20:19

Instrument :

MSVOA_N

ClientSampleId :

VN1006WBS03

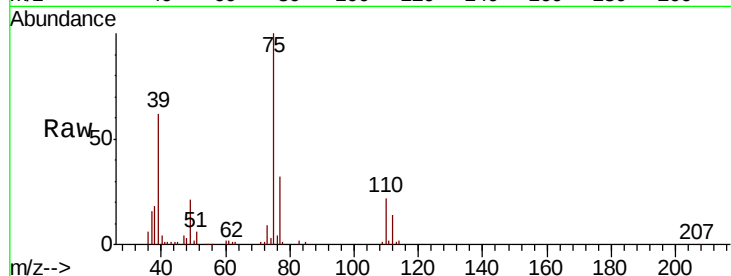
Tot Ion: 75 Resp: 100629

Ion Ratio Lower Upper

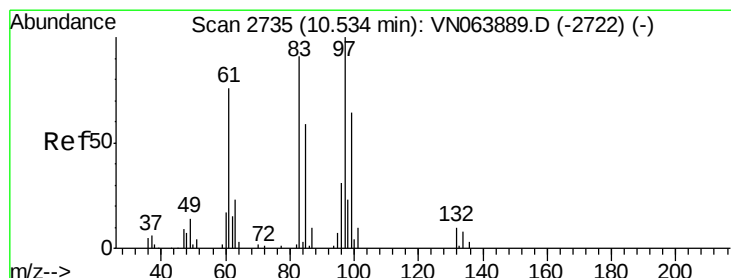
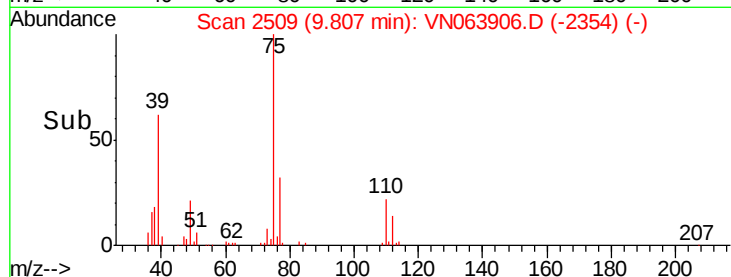
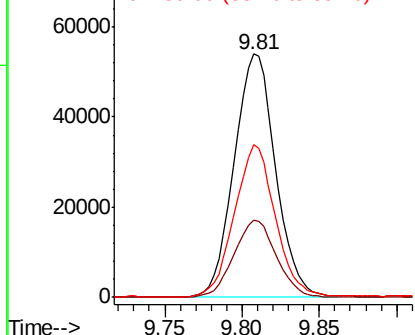
75 100

77 31.6 24.8 37.2

39 62.1 34.5 51.7#



Abundance Ion 75.00 (74.70 to 75.70): VNO
Ion 77.00 (76.70 to 77.70): VNO
Ion 39.00 (38.70 to 39.70): VNO



#50

1,1,2-Trichloroethane

Concen: 18.272 ug/l

RT: 10.53 min Scan# 2735

Delta R.T. -0.00 min

Lab File: VN063906.D

Acq: 6 Oct 2020 20:19

Tgt Ion: 97 Resp: 60344

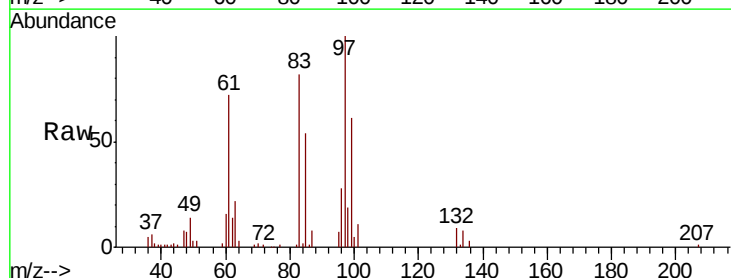
Ion Ratio Lower Upper

97 100

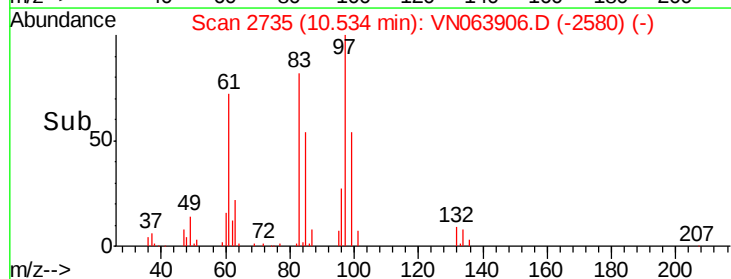
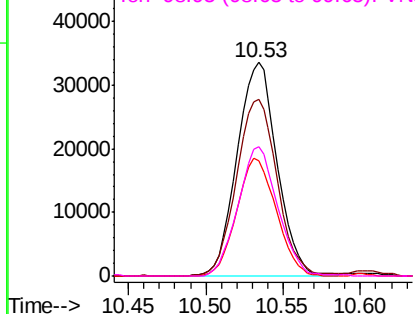
83 82.4 69.9 104.9

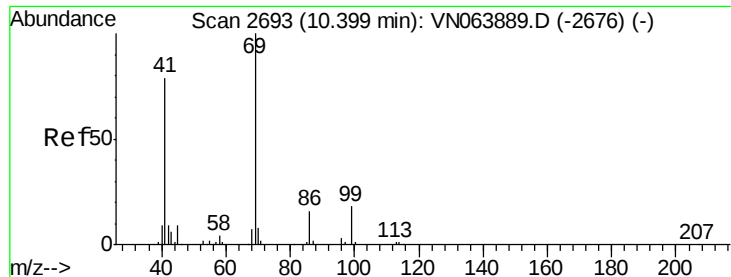
85 53.7 44.0 66.0

99 60.8 50.6 76.0



Abundance Ion 97.00 (96.70 to 97.70): VNO
Ion 82.95 (82.65 to 83.65): VNO
Ion 84.95 (84.65 to 85.65): VNO
Ion 98.95 (98.65 to 99.65): VNO





#51

Ethyl methacrylate

Concen: 16.649 ug/l

RT: 10.40 min Scan# 2694

Delta R.T. 0.00 min

Lab File: VN063906.D

Acq: 6 Oct 2020 20:19

Instrument :

MSVOA_N

ClientSampled :

VN1006WBS03

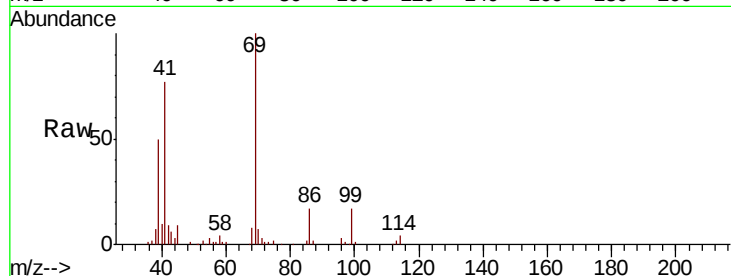
Tot Ion: 69 Resp: 79752

Ion Ratio Lower Upper

69 100

41 76.6 32.1 96.5

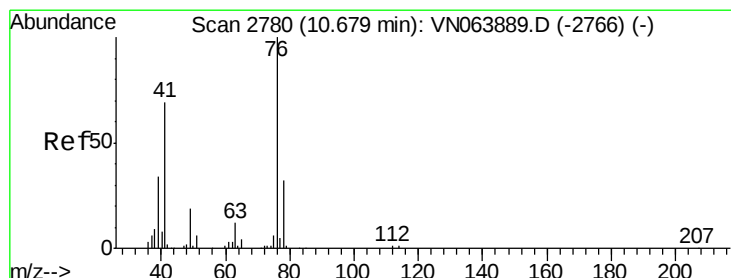
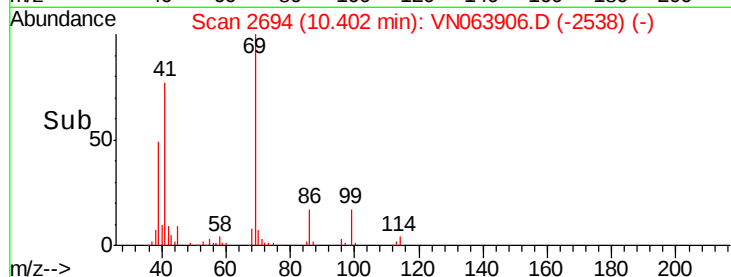
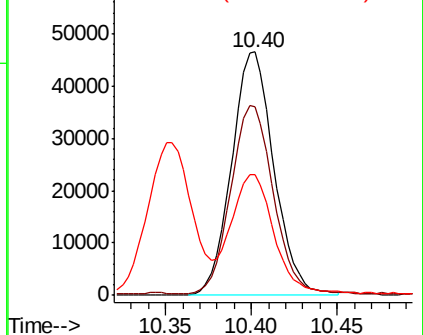
39 48.0 16.1 48.3



Abundance Ion 69.00 (68.70 to 69.70): VN063889.D (-2676) (-)

Ion 41.00 (40.70 to 41.70): VN063889.D (-2676) (-)

Ion 39.00 (38.70 to 39.70): VN063889.D (-2676) (-)



#52

1,3-Dichloropropane

Concen: 17.879 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. -0.00 min

Lab File: VN063906.D

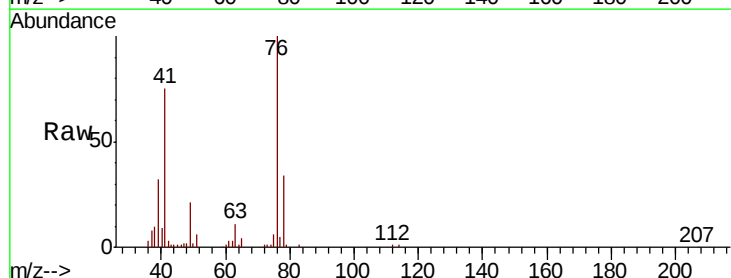
Acq: 6 Oct 2020 20:19

Tgt Ion: 76 Resp: 101145

Ion Ratio Lower Upper

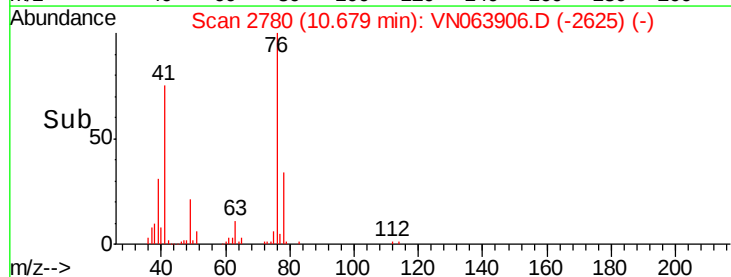
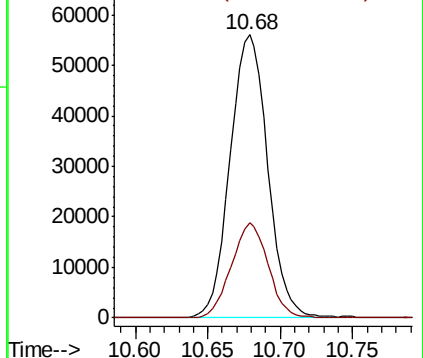
76 100

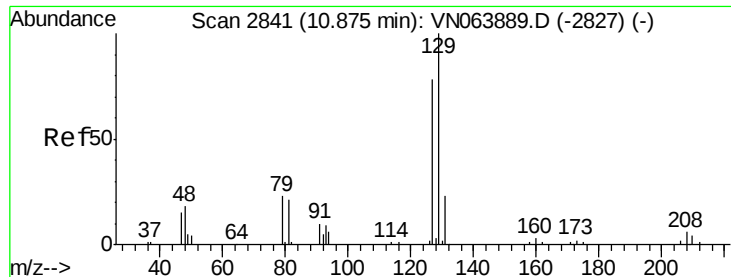
78 32.8 0.0 63.2



Abundance Ion 76.00 (75.70 to 76.70): VN063889.D (-2766) (-)

Ion 78.00 (77.70 to 78.70): VN063889.D (-2766) (-)

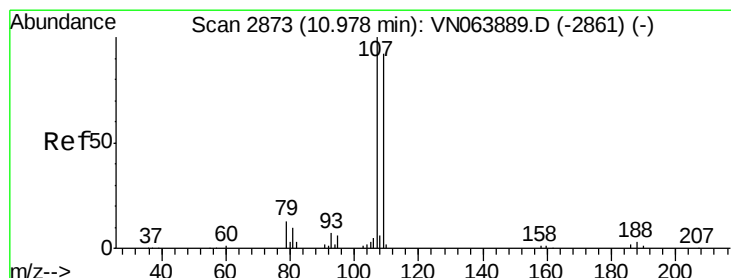
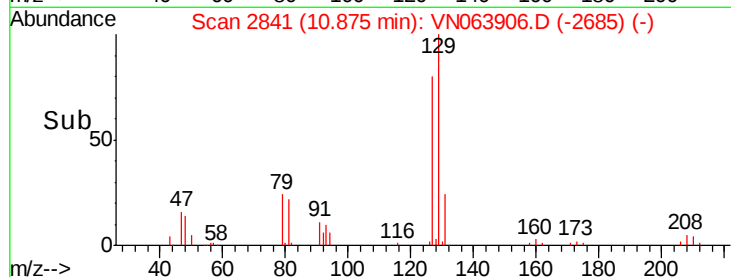
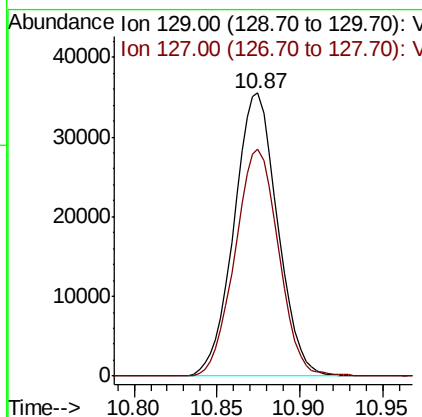
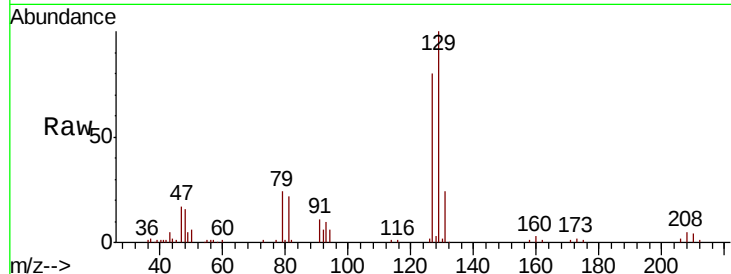




#53
Dibromochloromethane
Concen: 17.054 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063906.D
Acq: 6 Oct 2020 20:19

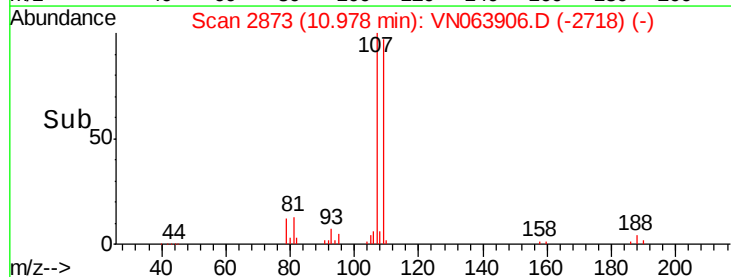
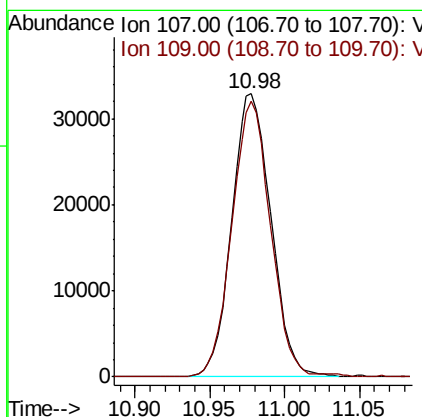
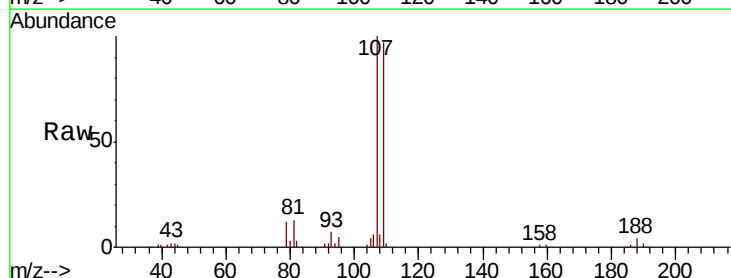
Instrument :
MSVOA_N
ClientSampleId :
VN1006WBS03

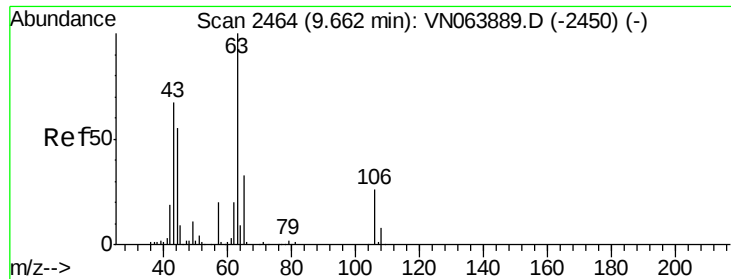
Tot Ion:129 Resp: 64823
Ion Ratio Lower Upper
129 100
127 80.2 38.7 116.1



#54
1,2-Dibromoethane
Concen: 17.352 ug/l
RT: 10.98 min Scan# 2873
Delta R.T. -0.00 min
Lab File: VN063906.D
Acq: 6 Oct 2020 20:19

Tgt Ion:107 Resp: 60083
Ion Ratio Lower Upper
107 100
109 95.5 76.3 114.5

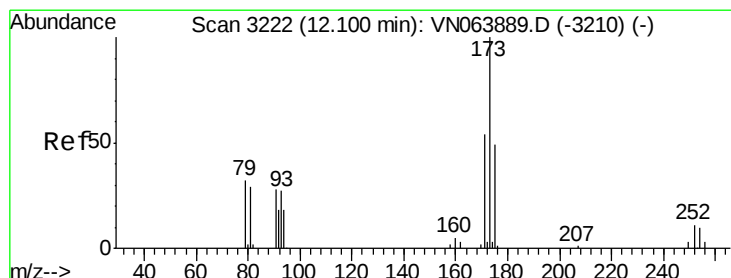
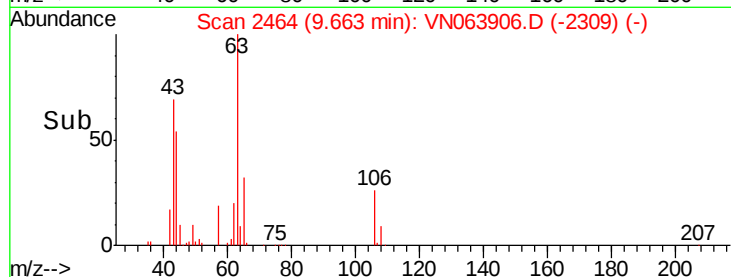
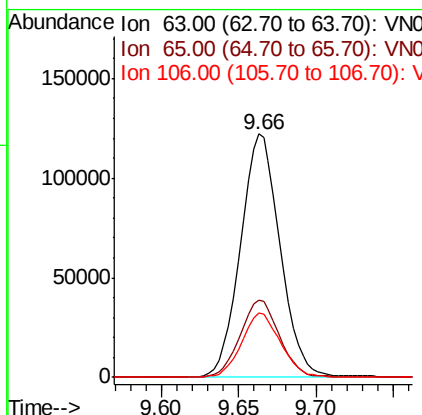
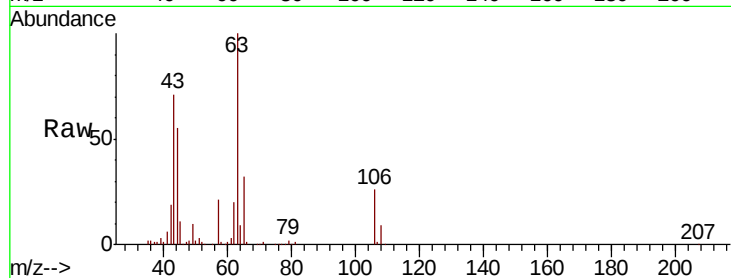




#55
2-Chloroethyl vinyl ether
Concen: 84.950 ug/l
RT: 9.66 min Scan# 2464
Delta R.T. -0.00 min
Lab File: VN063906.D
Acq: 6 Oct 2020 20:19

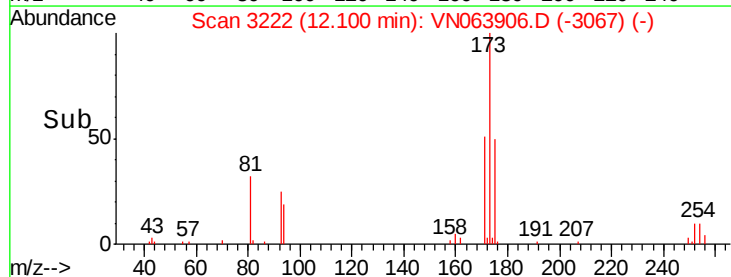
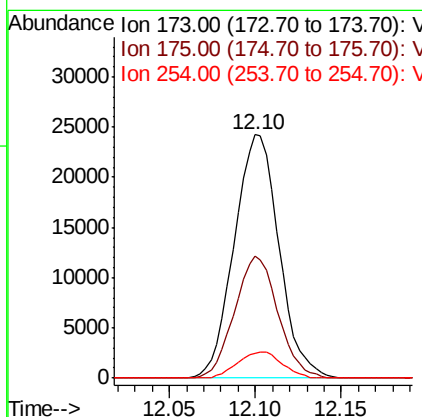
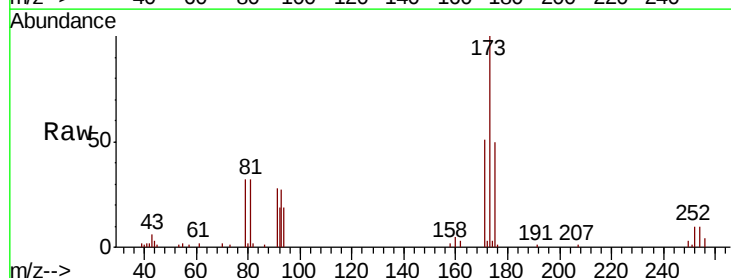
Instrument :
MSVOA_N
ClientSampleId :
VN1006WBS03

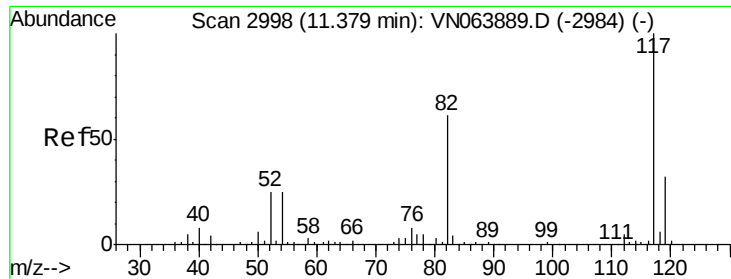
Tot Ion: 63 Resp: 217154
Ion Ratio Lower Upper
63 100
65 31.6 25.9 38.9
106 26.2 19.9 29.9



#56
Bromoform
Concen: 16.654 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. -0.00 min
Lab File: VN063906.D
Acq: 6 Oct 2020 20:19

Tgt Ion: 173 Resp: 43863
Ion Ratio Lower Upper
173 100
175 48.3 41.2 61.8
254 10.6 9.0 13.4

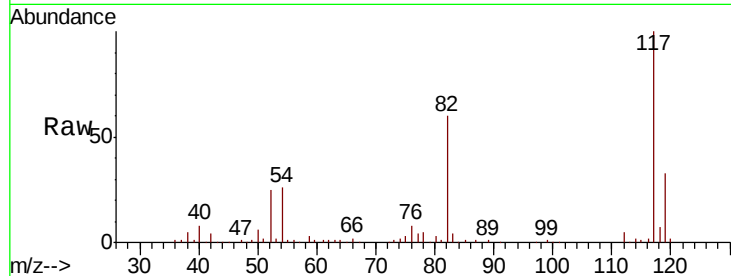




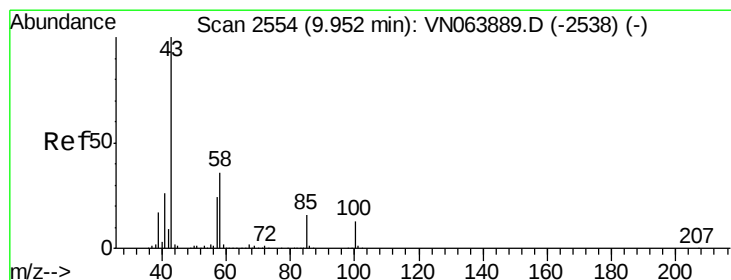
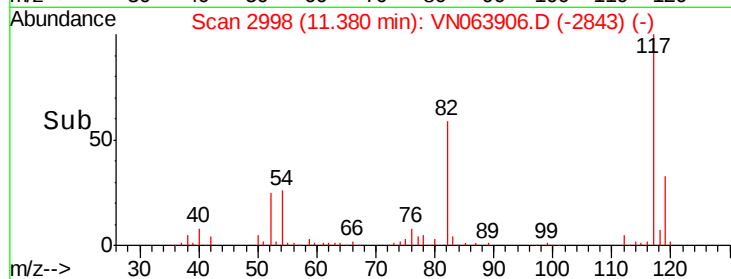
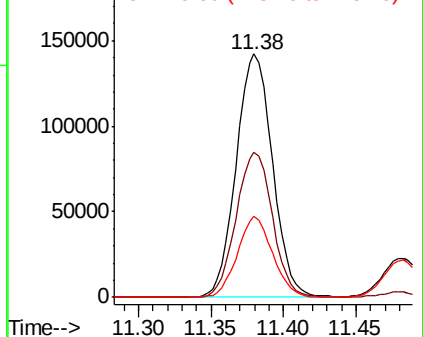
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063906.D
Acq: 6 Oct 2020 20:19

Instrument :
MSVOA_N
ClientSampleId :
VN1006WBS03

Tot Ion:117 Resp: 248740
Ion Ratio Lower Upper
117 100
82 59.7 44.9 67.3
119 32.0 26.0 39.0

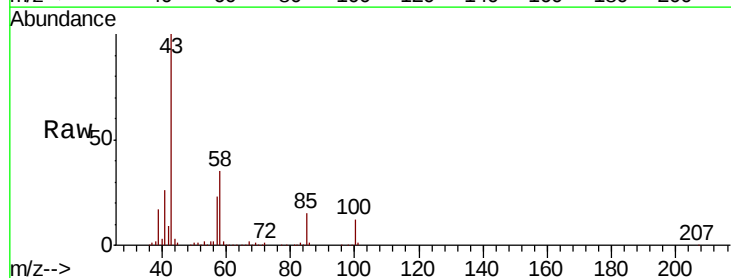


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VN
Ion 119.00 (118.70 to 119.70): V

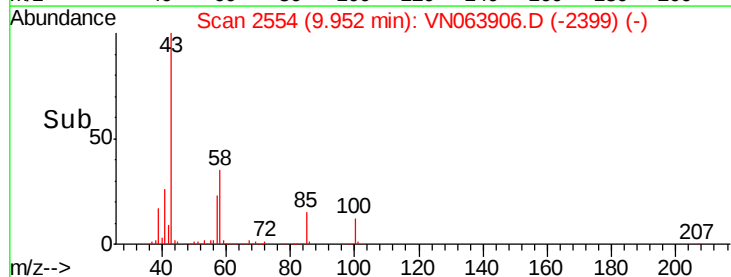
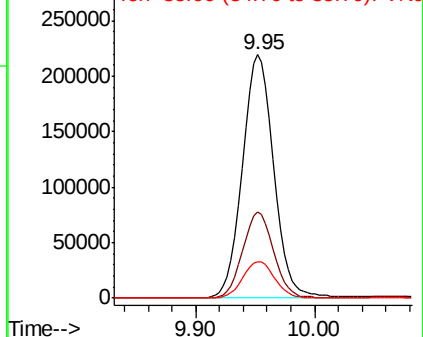


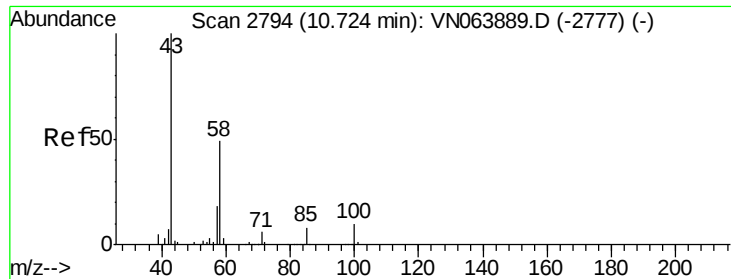
#58
4-Methyl-2-Pentanone
Concen: 82.330 ug/l
RT: 9.95 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN063906.D
Acq: 6 Oct 2020 20:19

Tgt Ion: 43 Resp: 397440
Ion Ratio Lower Upper
43 100
58 35.1 31.4 47.0
85 15.4 13.4 20.2



Abundance Ion 43.00 (42.70 to 43.70): V
Ion 58.00 (57.70 to 58.70): VN
Ion 85.00 (84.70 to 85.70): VN

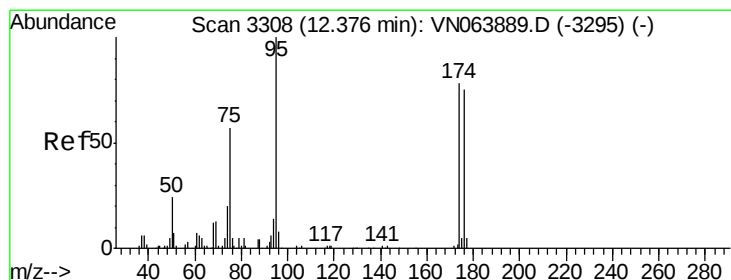
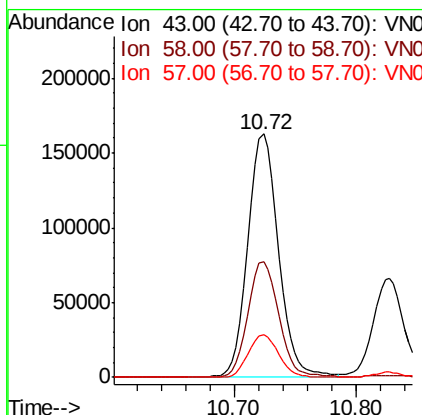
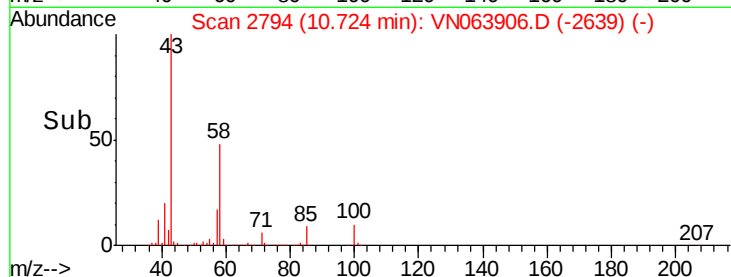
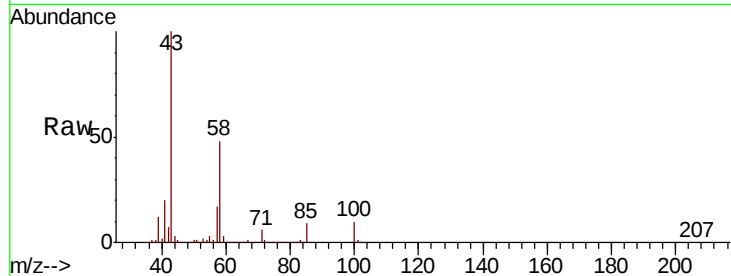




#59
2-Hexanone
Concen: 77.868 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. -0.00 min
Lab File: VN063906.D
Acq: 6 Oct 2020 20:19

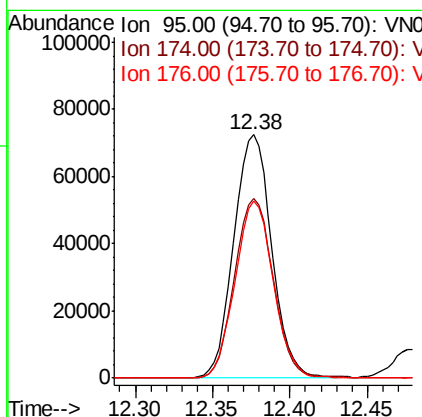
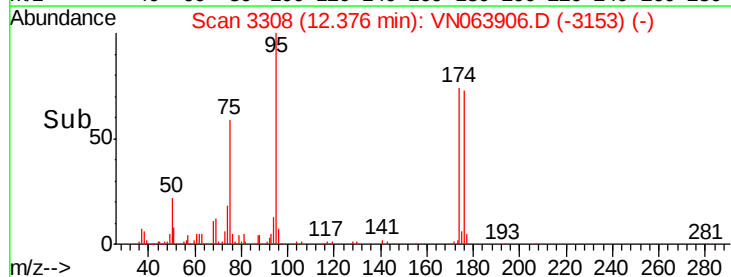
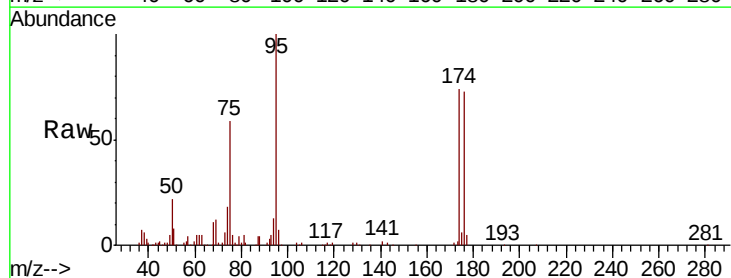
Instrument :
MSVOA_N
ClientSampleId :
VN1006WBS03

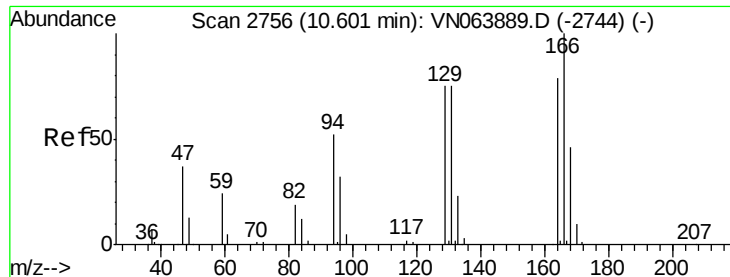
Tot Ion: 43 Resp: 279990
Ion Ratio Lower Upper
43 100
58 48.2 42.6 64.0
57 17.5 14.6 21.8



#60
4-Bromofluorobenzene
Concen: 29.020 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN063906.D
Acq: 6 Oct 2020 20:19

Tgt Ion: 95 Resp: 123442
Ion Ratio Lower Upper
95 100
174 75.1 70.1 105.1
176 73.3 66.8 100.2

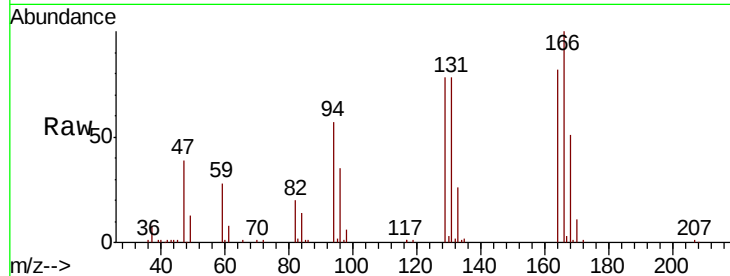




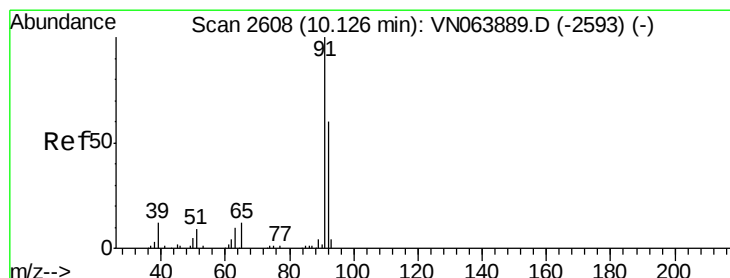
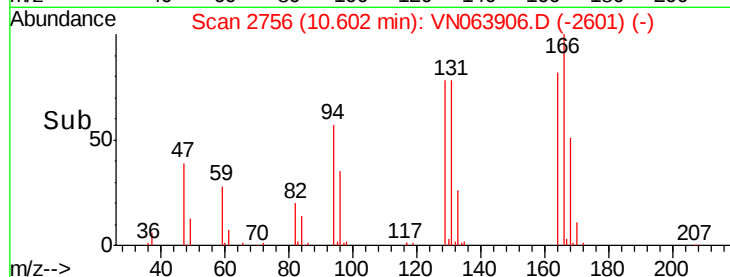
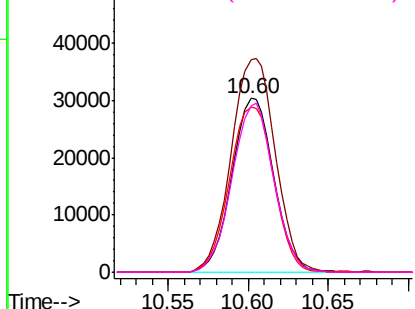
#61
Tetrachloroethene
Concen: 17.228 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.00 min
Lab File: VN063906.D
Acq: 6 Oct 2020 20:19

Instrument :
MSVOA_N
ClientSampleId :
VN1006WBS03

Tot Ion:164 Resp: 54366
Ion Ratio Lower Upper
164 100
166 122.0 100.1 150.1
129 94.8 72.5 108.7
131 95.7 68.4 102.6

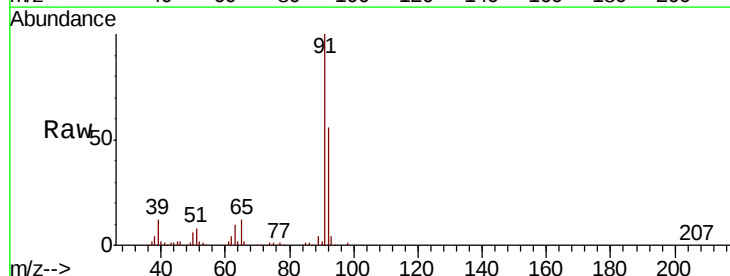


Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V

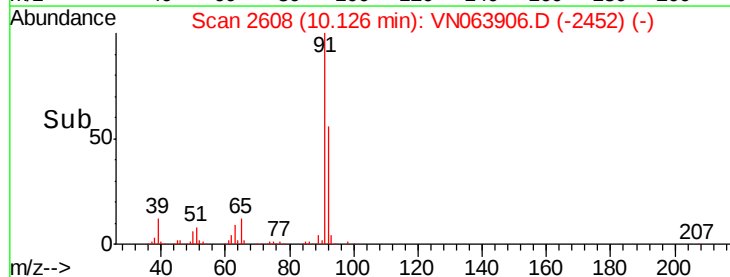
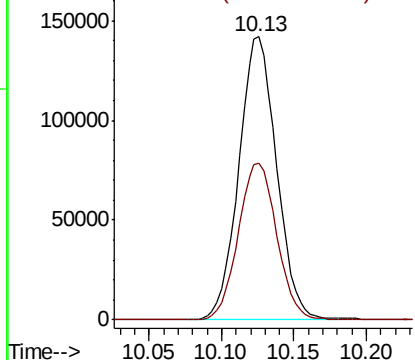


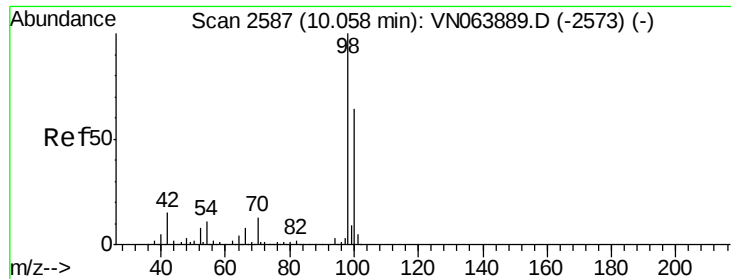
#62
Toluene
Concen: 17.986 ug/l
RT: 10.13 min Scan# 2608
Delta R.T. 0.00 min
Lab File: VN063906.D
Acq: 6 Oct 2020 20:19

Tgt Ion: 91 Resp: 256940
Ion Ratio Lower Upper
91 100
92 56.6 45.5 68.3



Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 92.00 (91.70 to 92.70): VN0

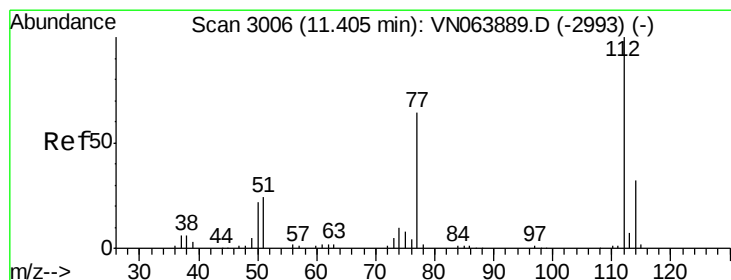
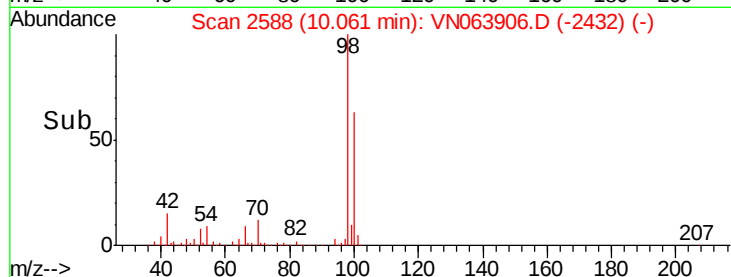
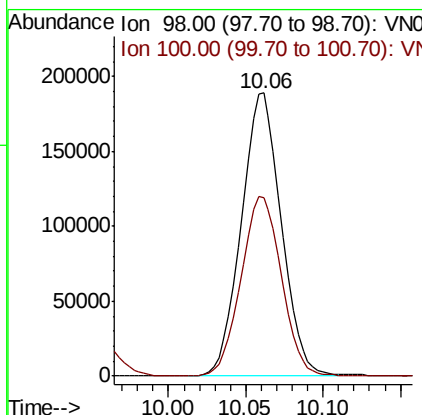
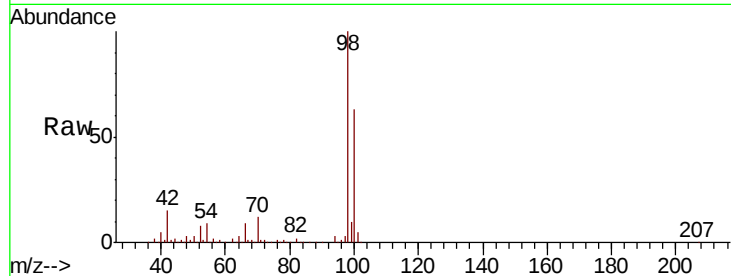




#63
Toluene-d8
Concen: 30.135 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN063906.D
Acq: 6 Oct 2020 20:19

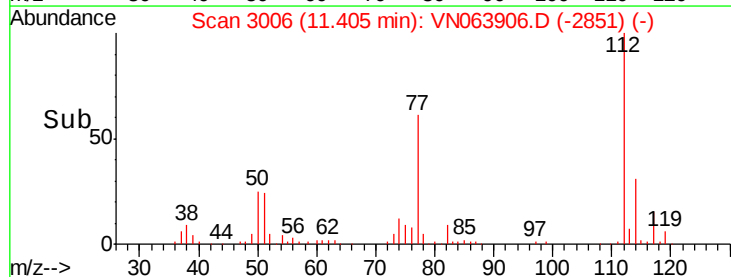
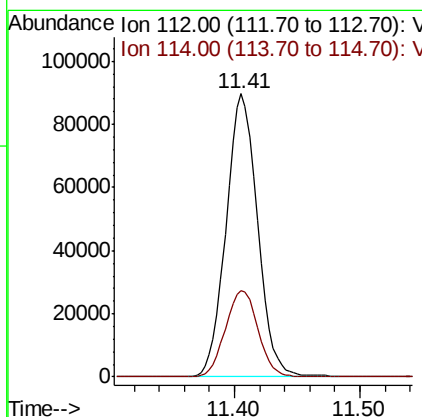
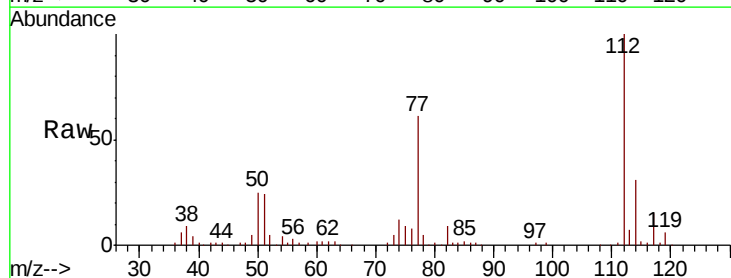
Instrument :
MSVOA_N
ClientSampleId :
VN1006WBS03

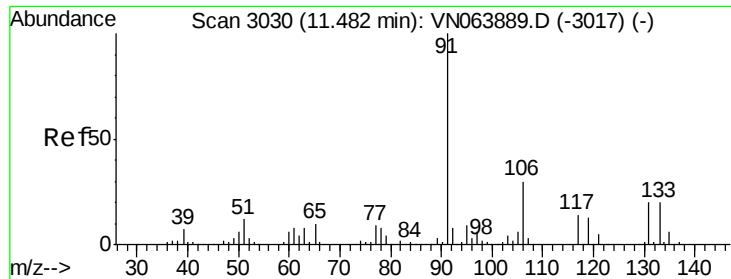
Tot Ion: 98 Resp: 339699
Ion Ratio Lower Upper
98 100
100 64.3 51.4 77.2



#64
Chlorobenzene
Concen: 18.043 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. -0.00 min
Lab File: VN063906.D
Acq: 6 Oct 2020 20:19

Tgt Ion: 112 Resp: 156232
Ion Ratio Lower Upper
112 100
114 30.7 25.1 37.7

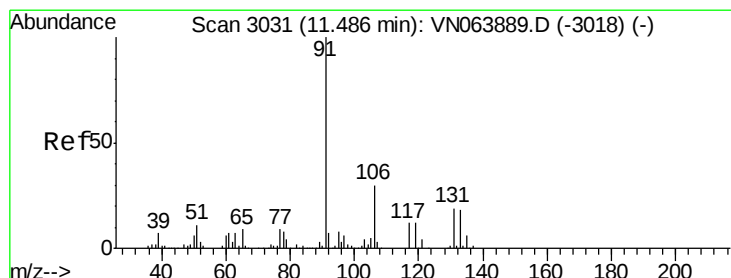
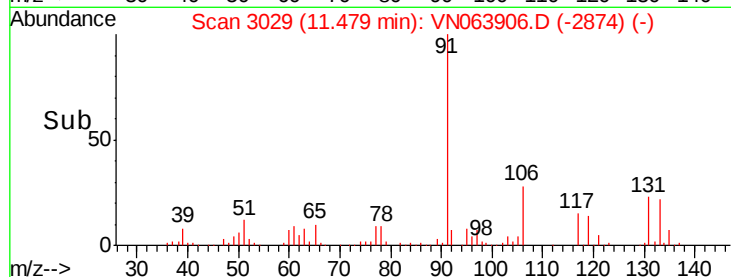
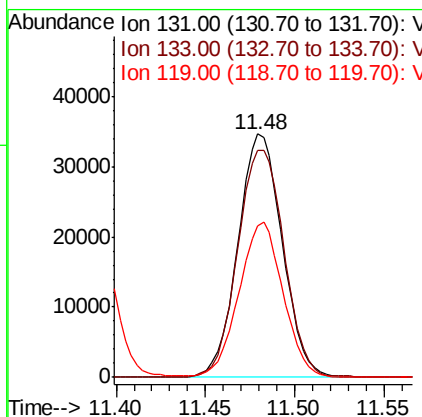
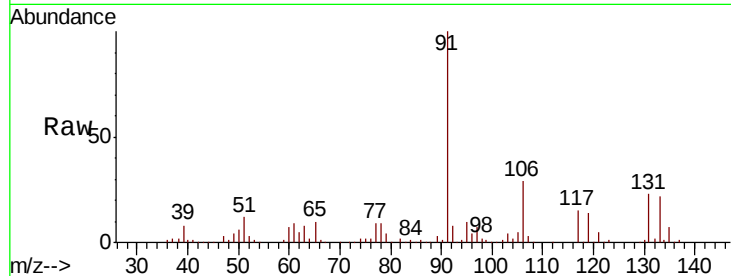




#65
 1,1,1,2-Tetrachloroethane
 Concen: 17.786 ug/l
 RT: 11.48 min Scan# 3029
 Delta R.T. -0.00 min
 Lab File: VN063906.D
 Acq: 6 Oct 2020 20:19

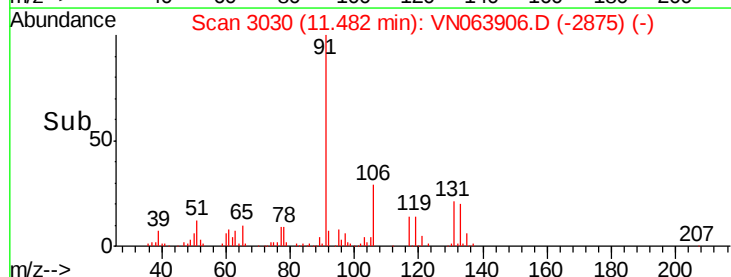
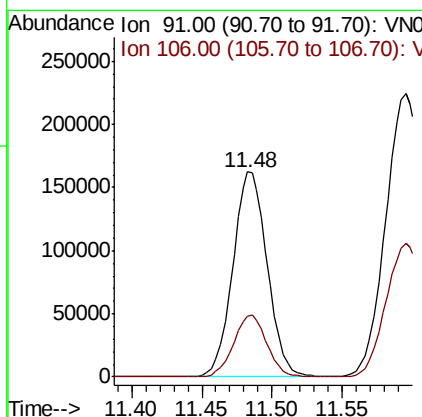
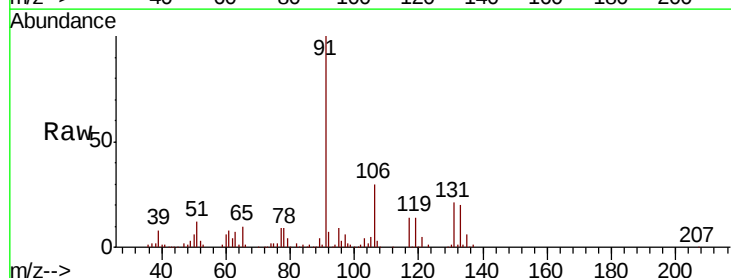
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1006WBS03

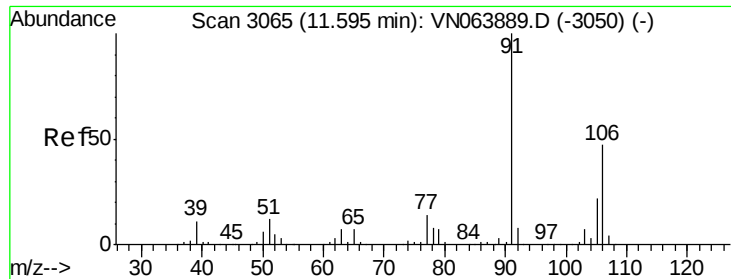
Tot Ion:131 Resp: 60232
 Ion Ratio Lower Upper
 131 100
 133 97.7 0.0 191.2
 119 63.5 0.0 134.2



#66
 Ethyl Benzene
 Concen: 17.601 ug/l
 RT: 11.48 min Scan# 3030
 Delta R.T. -0.00 min
 Lab File: VN063906.D
 Acq: 6 Oct 2020 20:19

Tgt Ion: 91 Resp: 276113
 Ion Ratio Lower Upper
 91 100
 106 29.9 25.0 37.4

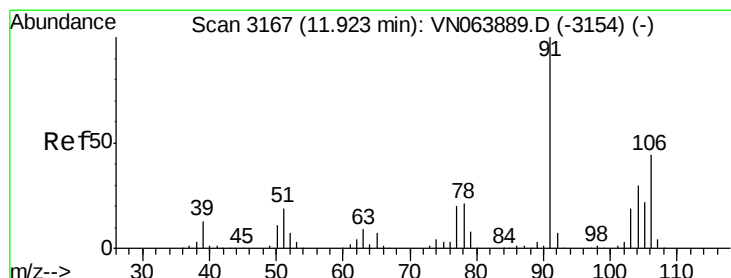
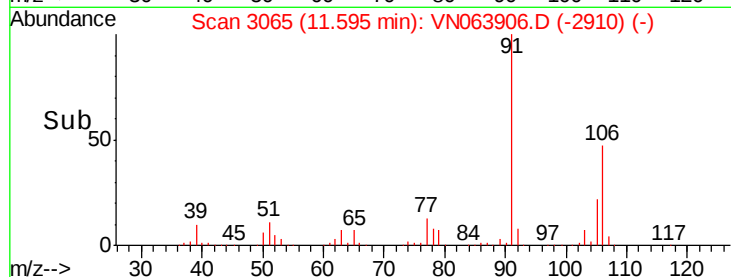
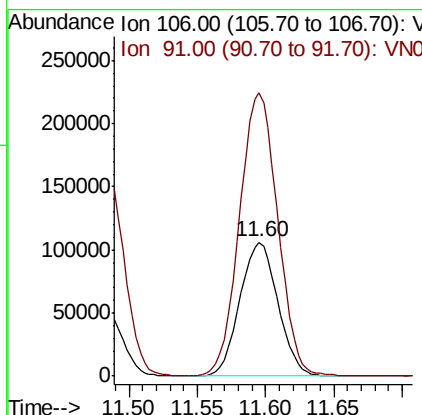
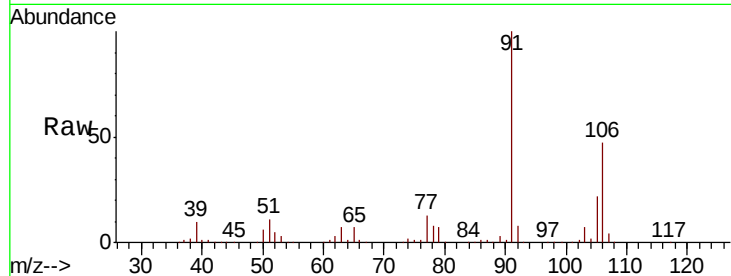




#67
m/p-Xylenes
Concen: 35.094 ug/l
RT: 11.60 min Scan# 3065
Delta R.T. -0.00 min
Lab File: VN063906.D
Acq: 6 Oct 2020 20:19

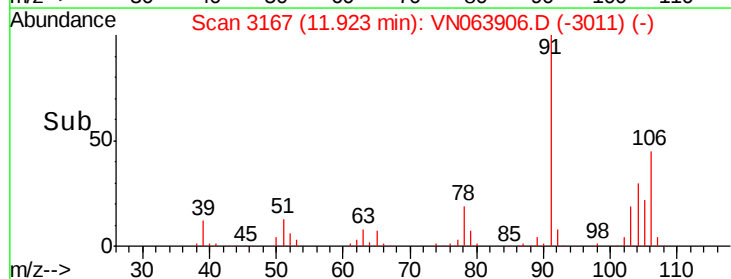
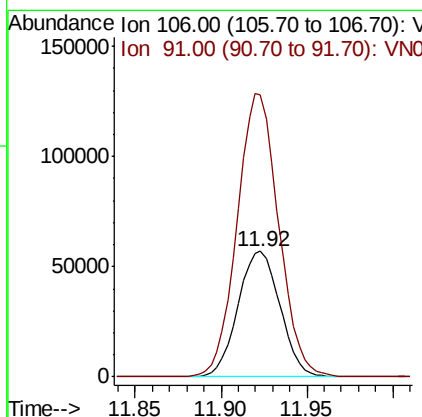
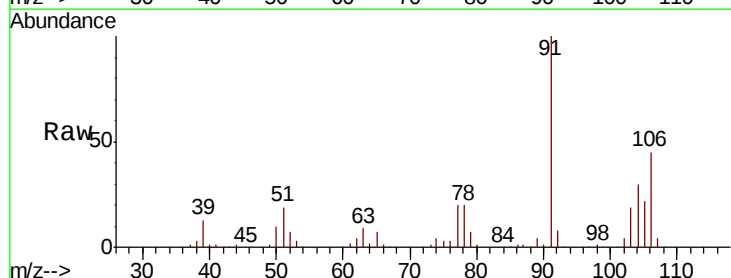
Instrument :
MSVOA_N
ClientSampled :
VN1006WBS03

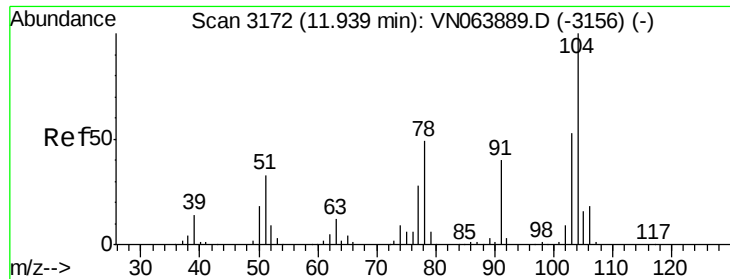
Tot Ion:106 Resp: 204730
Ion Ratio Lower Upper
106 100
91 213.8 164.9 247.3



#68
o-Xylene
Concen: 17.491 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063906.D
Acq: 6 Oct 2020 20:19

Tgt Ion:106 Resp: 97217
Ion Ratio Lower Upper
106 100
91 221.9 108.0 324.0

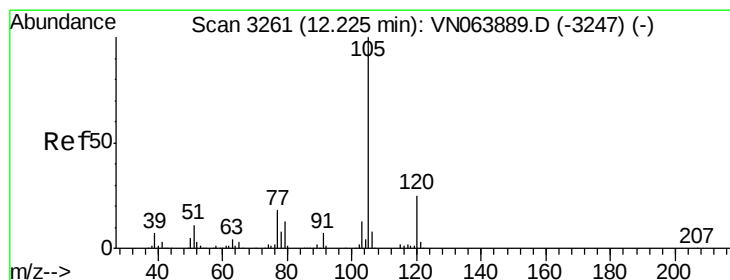
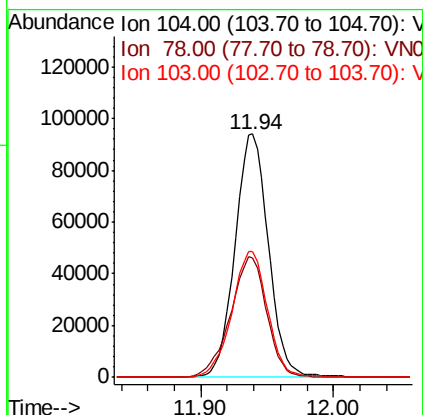
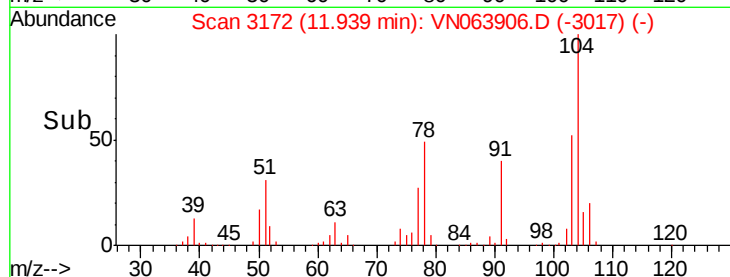
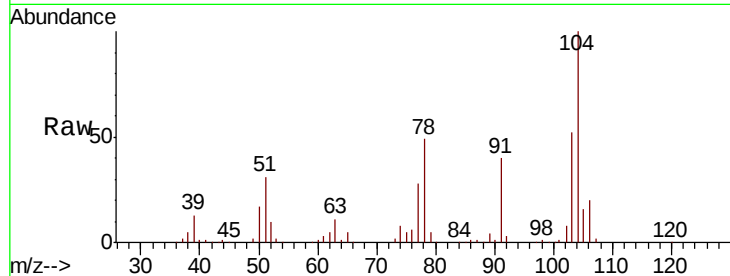




#69
Stvrene
Concen: 17.347 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. -0.00 min
Lab File: VN063906.D
Acq: 6 Oct 2020 20:19

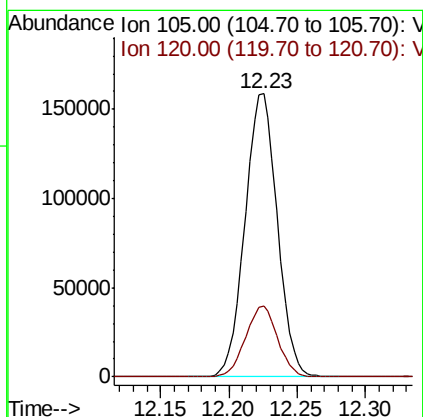
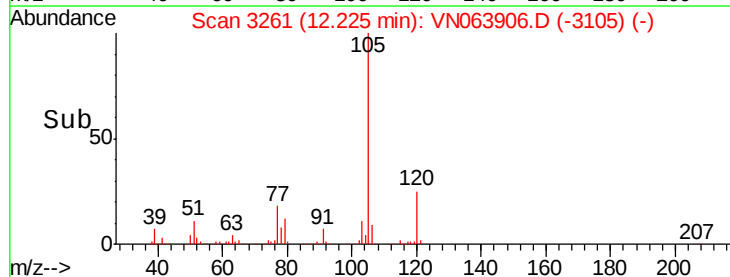
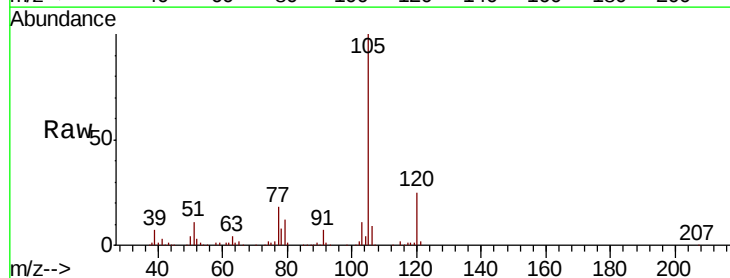
Instrument :
MSVOA_N
ClientSampleId :
VN1006WBS03

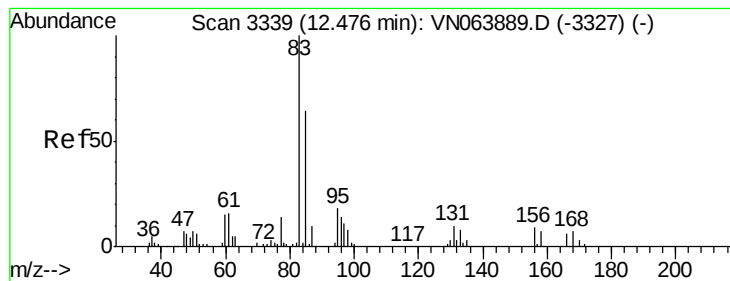
Tot Ion:104 Resp: 164519
Ion Ratio Lower Upper
104 100
78 53.6 39.6 59.4
103 55.2 44.4 66.6



#70
Isopropylbenzene
Concen: 17.684 ug/l
RT: 12.23 min Scan# 3261
Delta R.T. 0.00 min
Lab File: VN063906.D
Acq: 6 Oct 2020 20:19

Tgt Ion:105 Resp: 261171
Ion Ratio Lower Upper
105 100
120 24.9 18.5 34.3





#71

1,1,2,2-Tetrachloroethane

Concen: 17.440 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. -0.00 min

Lab File: VN063906.D

Acq: 6 Oct 2020 20:19

Instrument :

MSVOA_N

ClientSampleId :

VN1006WBS03

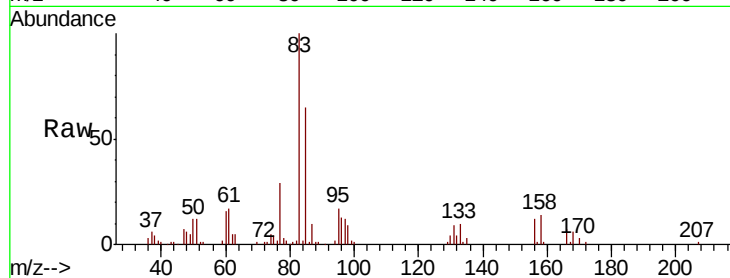
Tot Ion: 83 Resp: 81417

Ion Ratio Lower Upper

83 100

131 9.6 4.5 13.7

85 65.7 31.8 95.3



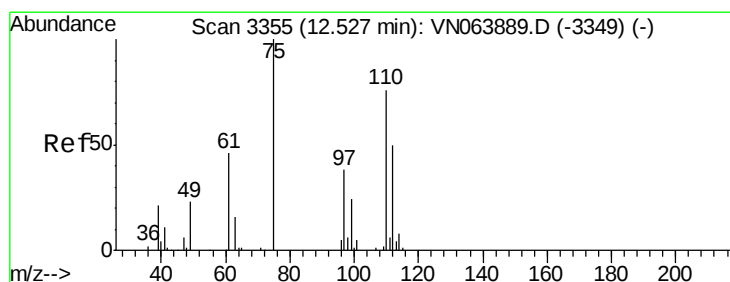
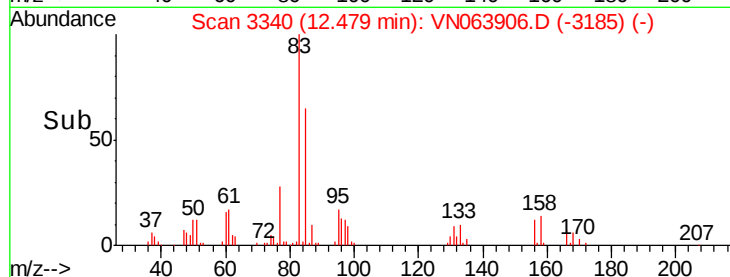
Abundance Ion 83.00 (82.70 to 83.70): VN063889.D (-3327) (-)

Ion 131.00 (130.70 to 131.70): VN063889.D (-3327) (-)

Ion 85.00 (84.70 to 85.70): VN063889.D (-3327) (-)

12.48

Time--> 12.40 12.45 12.50



#72

1,2,3-Trichloropropane

Concen: 22.655 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. -0.00 min

Lab File: VN063906.D

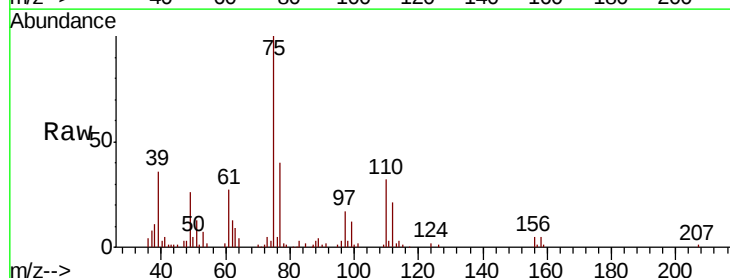
Acq: 6 Oct 2020 20:19

Tgt Ion: 75 Resp: 107845

Ion Ratio Lower Upper

75 100

77 132.2 0.0 387.8

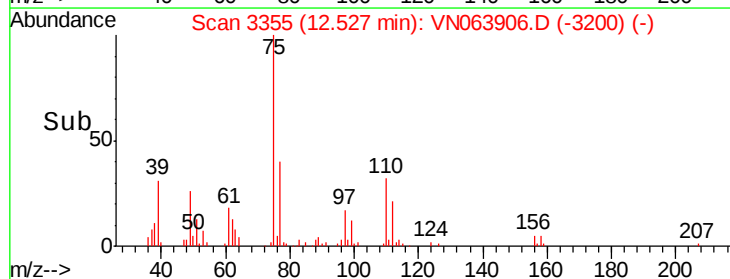


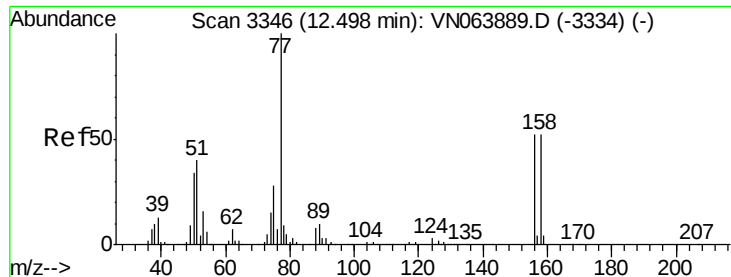
Abundance Ion 75.00 (74.70 to 75.70): VN063889.D (-3349) (-)

Ion 77.00 (76.70 to 77.70): VN063889.D (-3349) (-)

12.53

Time--> 12.40 12.50 12.60





#73

Bromobenzene

Concen: 17.362 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. -0.00 min

Lab File: VN063906.D

Acq: 6 Oct 2020 20:19

Instrument :

MSVOA_N

ClientSampleId :

VN1006WBS03

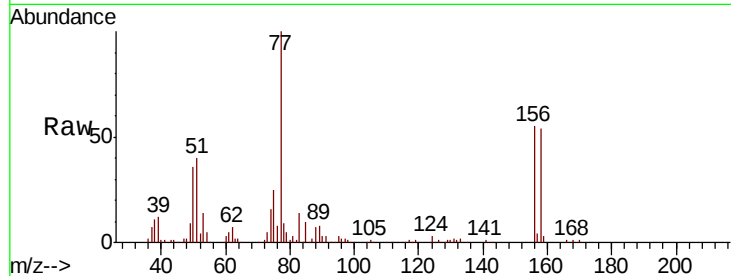
Tot Ion:156 Resp: 64991

Ion Ratio Lower Upper

156 100

77 219.4 0.0 398.6

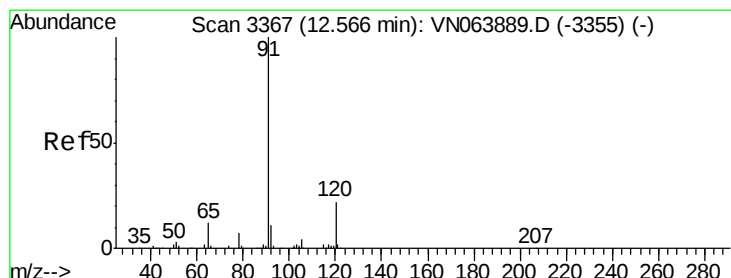
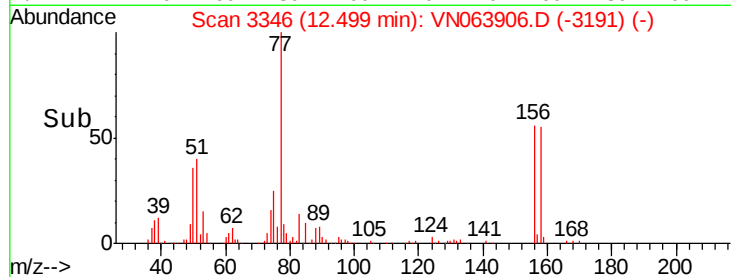
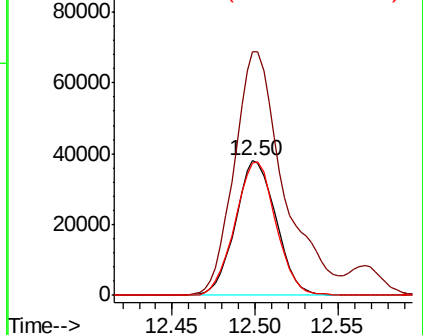
158 99.5 0.0 195.4



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 17.249 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.00 min

Lab File: VN063906.D

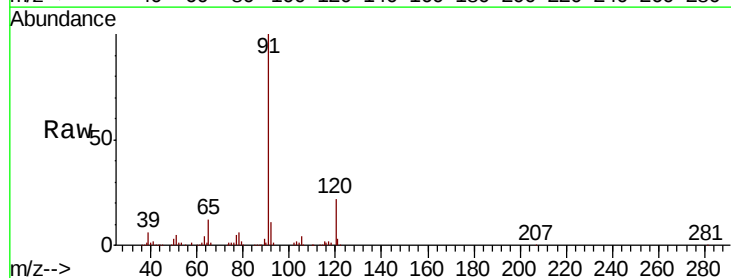
Acq: 6 Oct 2020 20:19

Tgt Ion: 91 Resp: 297804

Ion Ratio Lower Upper

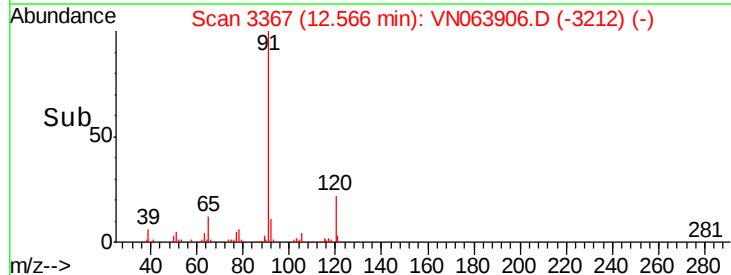
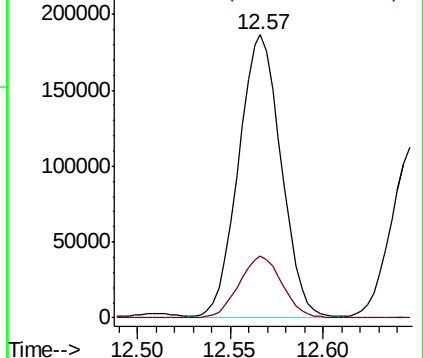
91 100

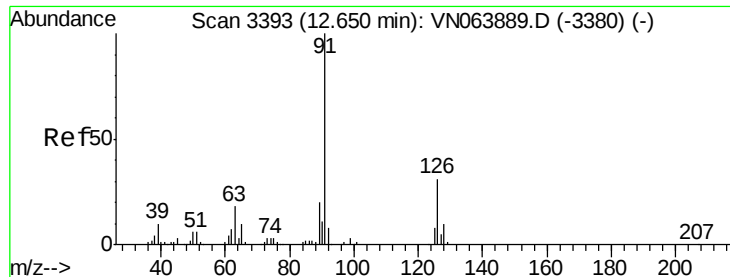
120 21.9 0.0 44.0



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 17.967 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. -0.00 min

Lab File: VN063906.D

Acq: 6 Oct 2020 20:19

Instrument :

MSVOA_N

ClientSampleId :

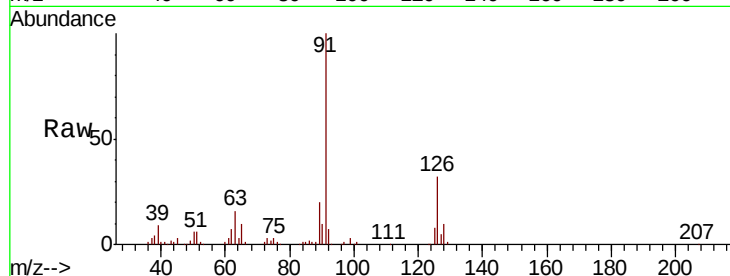
VN1006WBS03

Tot Ion: 91 Resp: 189215

Ion Ratio Lower Upper

91 100

126 31.3 0.0 68.0



Abundance Ion 91.00 (90.70 to 91.70): VN063889.D (-3380) (-)

Ion 126.00 (125.70 to 126.70): VN063889.D (-3380) (-)

150000

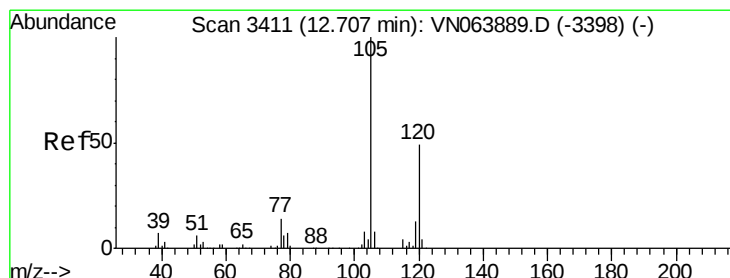
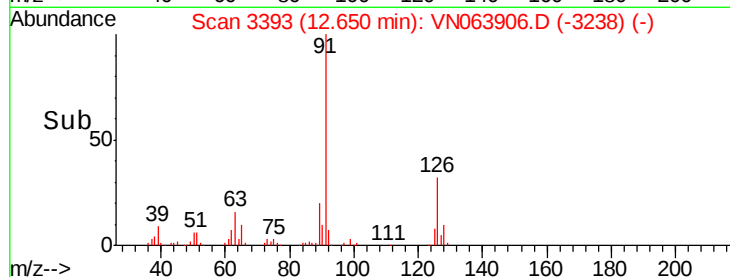
100000

50000

0

12.60 12.65 12.70

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 17.340 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. -0.00 min

Lab File: VN063906.D

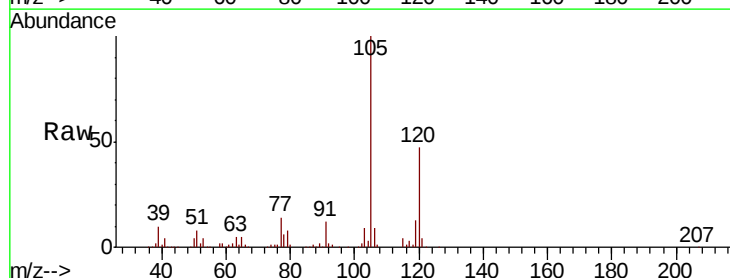
Acq: 6 Oct 2020 20:19

Tgt Ion: 105 Resp: 215957

Ion Ratio Lower Upper

105 100

120 45.8 0.0 95.0



Abundance Ion 105.00 (104.70 to 105.70): VN063889.D (-3398) (-)

Ion 120.00 (119.70 to 120.70): VN063889.D (-3398) (-)

150000

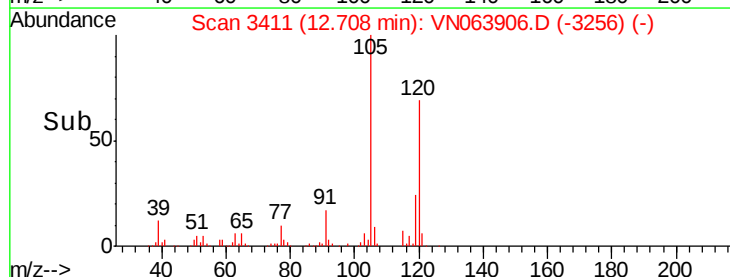
100000

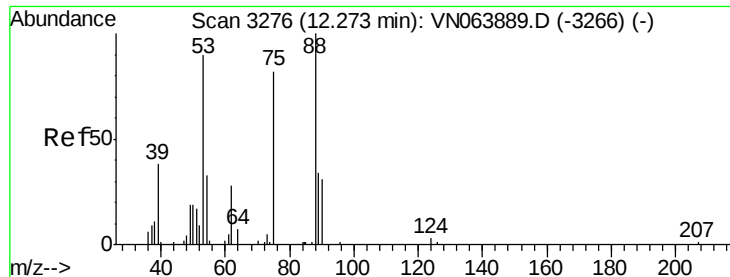
50000

0

12.70 12.71 12.72

Time-->





#77

t-1,4-Dichloro-2-butene

Concen: 14.395 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. -0.00 min

Lab File: VN063906.D

Acq: 6 Oct 2020 20:19

Instrument :

MSVOA_N

ClientSampleId :

VN1006WBS03

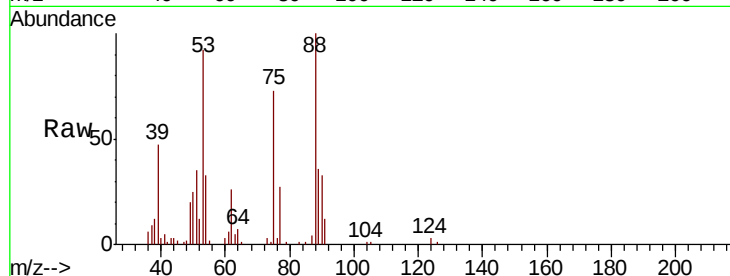
Tot Ion: 75 Resp: 24374

Ion Ratio Lower Upper

75 100

53 124.9 47.0 141.0

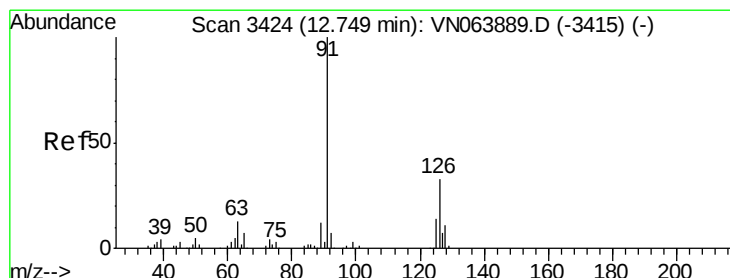
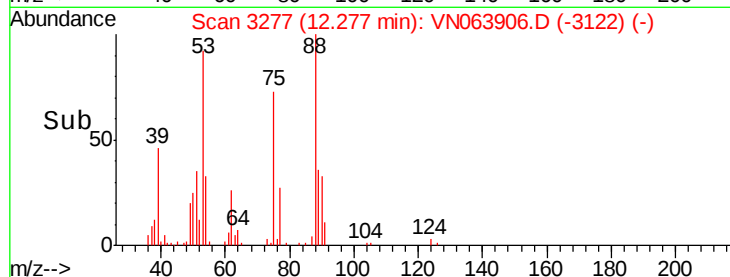
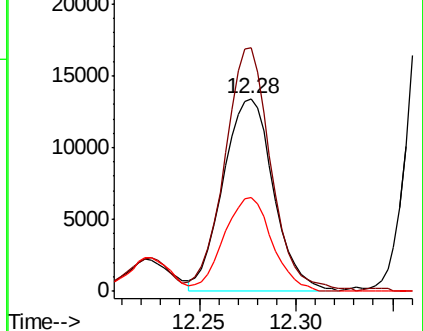
89 49.0 22.9 68.7



Abundance Ion 75.00 (74.70 to 75.70): VN063889.D (-3266) (-)

Ion 53.00 (52.70 to 53.70): VN063889.D (-3266) (-)

Ion 89.00 (88.70 to 89.70): VN063889.D (-3266) (-)



#78

4-Chlorotoluene

Concen: 17.234 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. -0.00 min

Lab File: VN063906.D

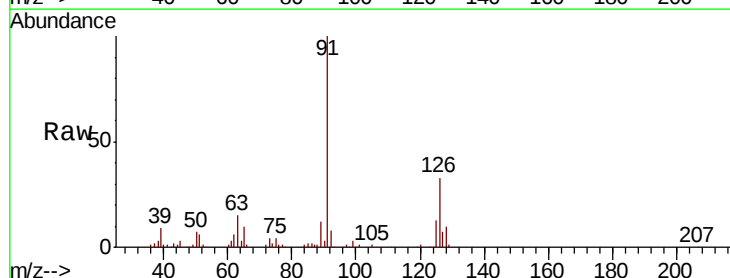
Acq: 6 Oct 2020 20:19

Tgt Ion: 91 Resp: 192194

Ion Ratio Lower Upper

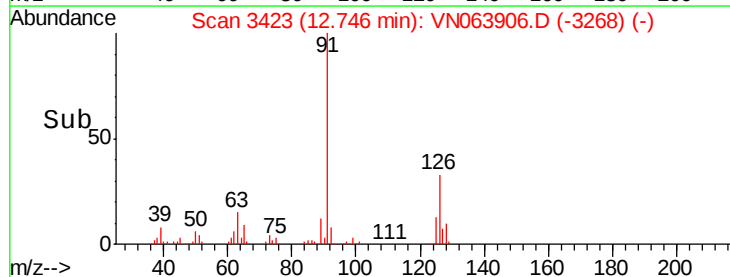
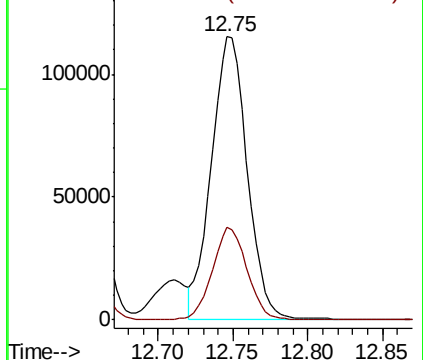
91 100

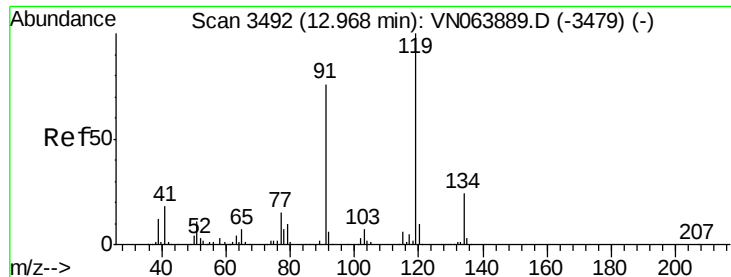
126 31.7 0.0 65.0



Abundance Ion 91.00 (90.70 to 91.70): VN063889.D (-3415) (-)

Ion 126.00 (125.70 to 126.70): VN063889.D (-3415) (-)

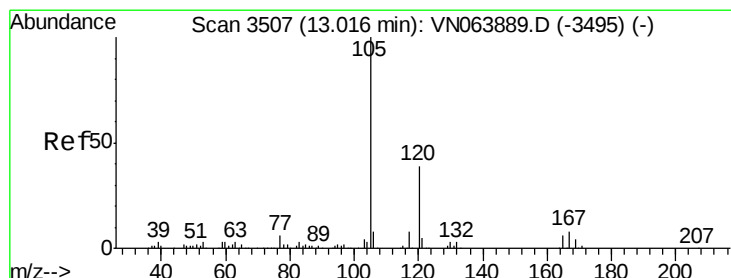
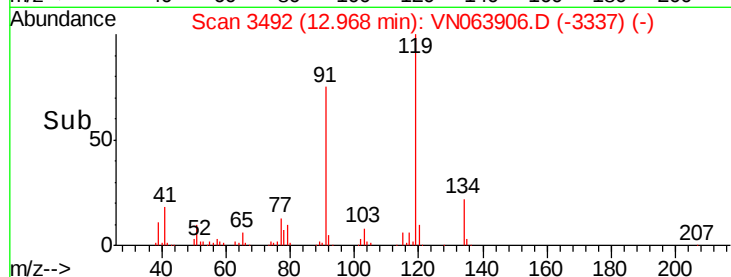
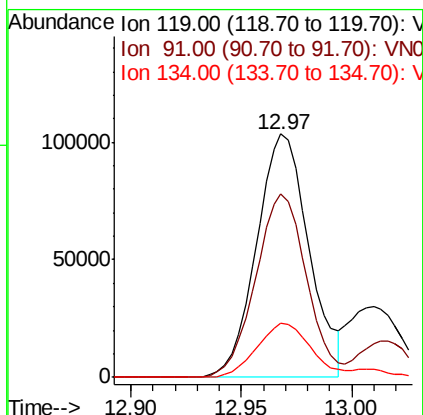
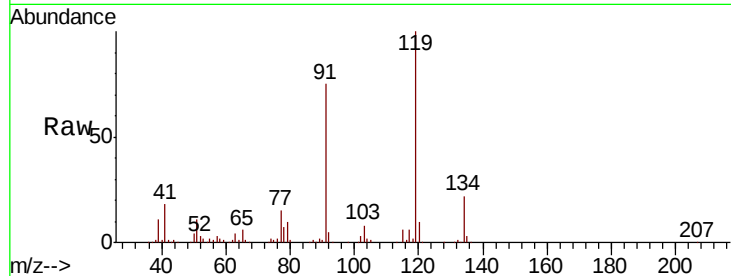




#79
tert-butylbenzene
Concen: 17.075 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. -0.00 min
Lab File: VN063906.D
Acq: 6 Oct 2020 20:19

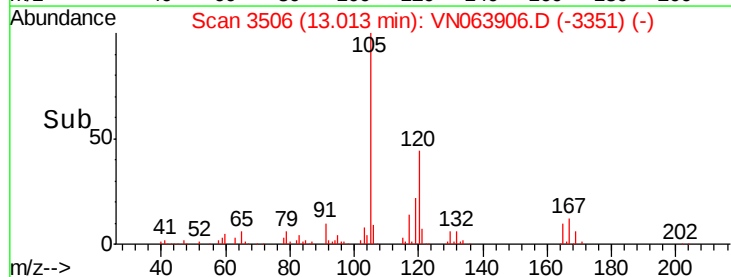
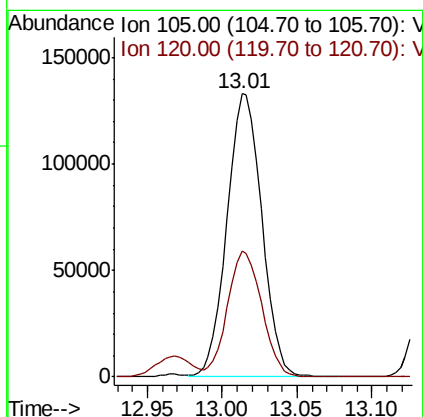
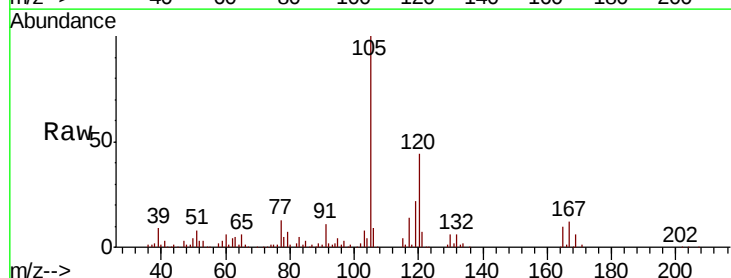
Instrument :
MSVOA_N
ClientSampled :
VN1006WBS03

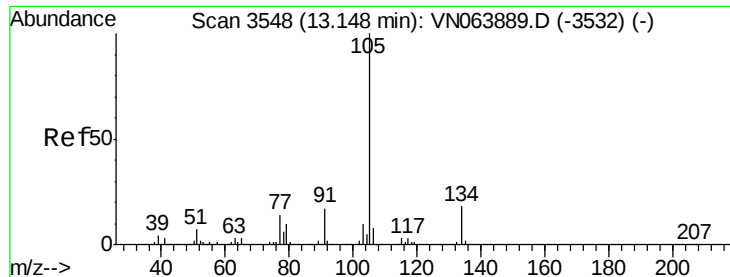
Tot Ion:119 Resp: 170372
Ion Ratio Lower Upper
119 100
91 73.1 0.0 136.8
134 23.1 0.0 48.8



#80
1,2,4-Trimethylbenzene
Concen: 17.352 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. -0.00 min
Lab File: VN063906.D
Acq: 6 Oct 2020 20:19

Tgt Ion:105 Resp: 216640
Ion Ratio Lower Upper
105 100
120 43.6 0.0 90.4

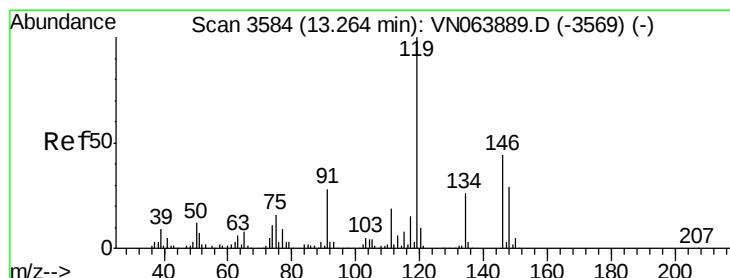
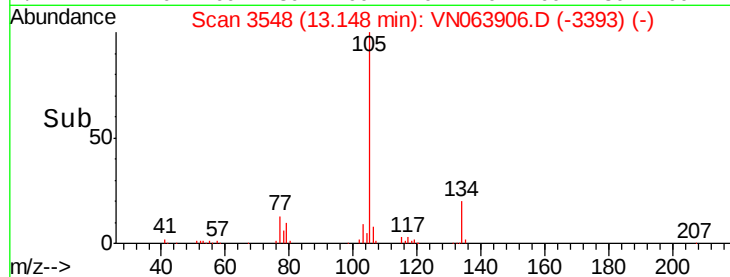
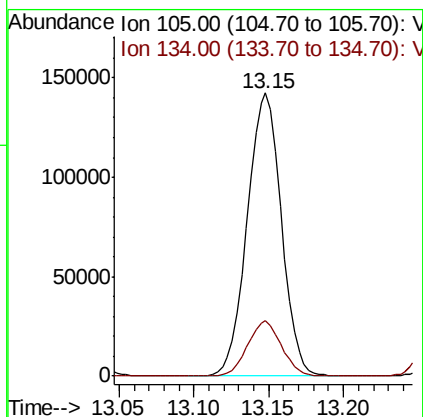
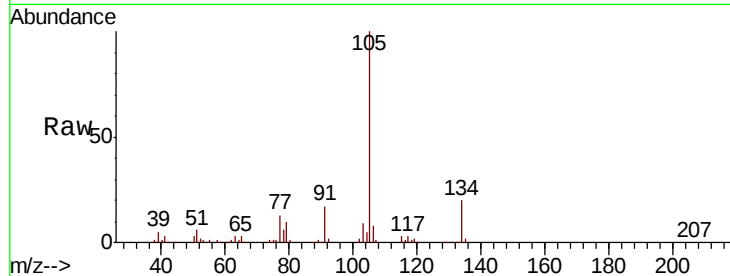




#81
 sec-Butylbenzene
 Concen: 17.252 ug/l
 RT: 13.15 min Scan# 3548
 Delta R.T. -0.00 min
 Lab File: VN063906.D
 Acq: 6 Oct 2020 20:19

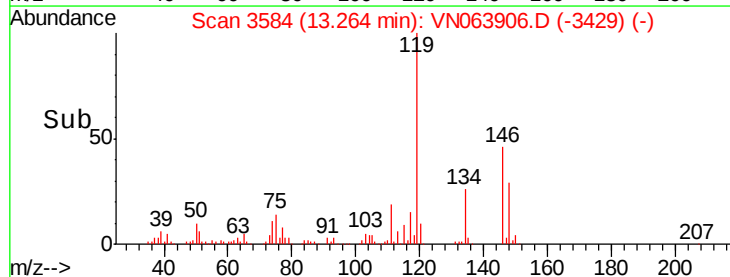
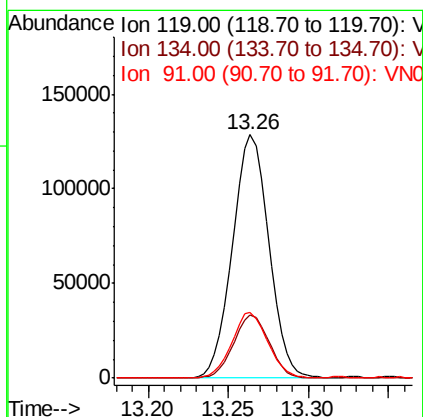
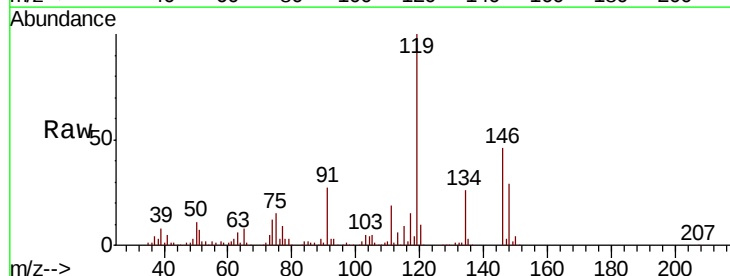
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1006WBS03

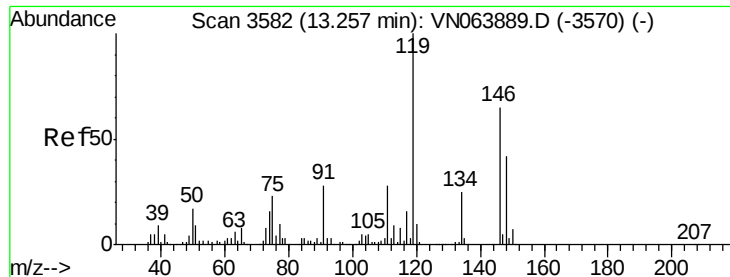
Tot Ion:105 Resp: 226251
 Ion Ratio Lower Upper
 105 100
 134 19.2 0.0 39.4



#82
 p-Isopropyltoluene
 Concen: 16.842 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. -0.00 min
 Lab File: VN063906.D
 Acq: 6 Oct 2020 20:19

Tgt Ion:119 Resp: 199636
 Ion Ratio Lower Upper
 119 100
 134 25.1 0.0 52.2
 91 26.7 0.0 46.2

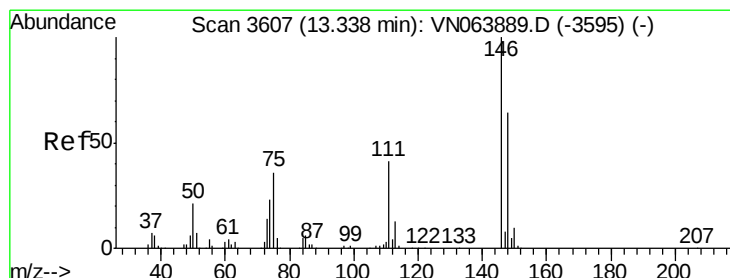
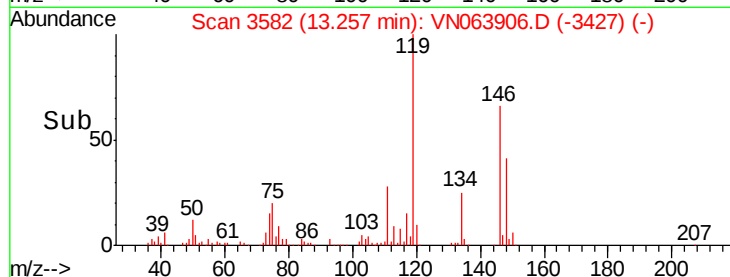
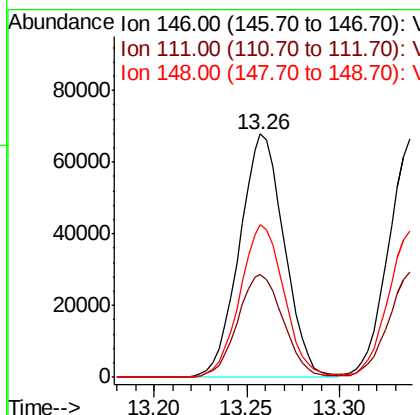
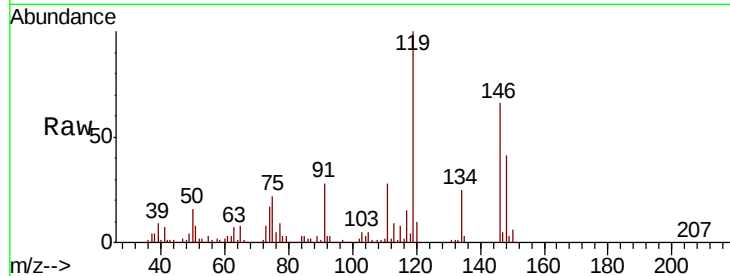




#83
 1,3-Dichlorobenzene
 Concen: 17.048 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. -0.00 min
 Lab File: VN063906.D
 Acq: 6 Oct 2020 20:19

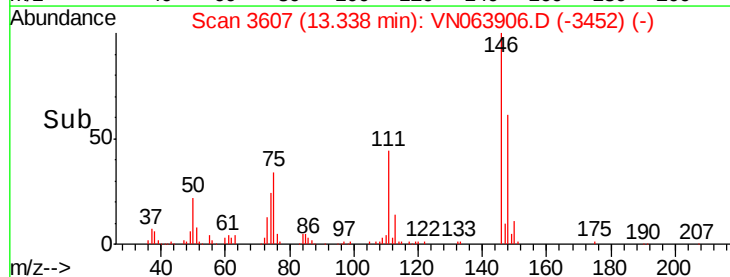
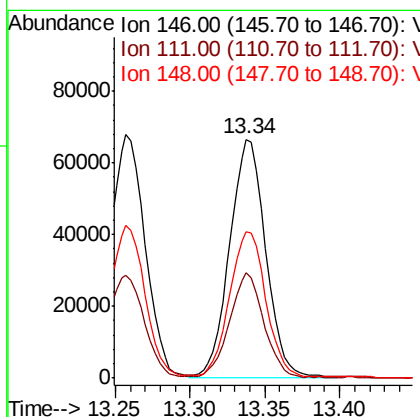
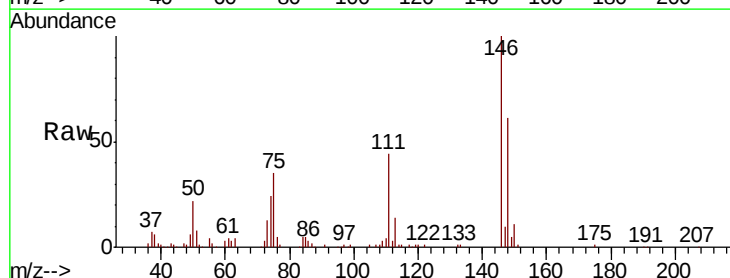
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1006WBS03

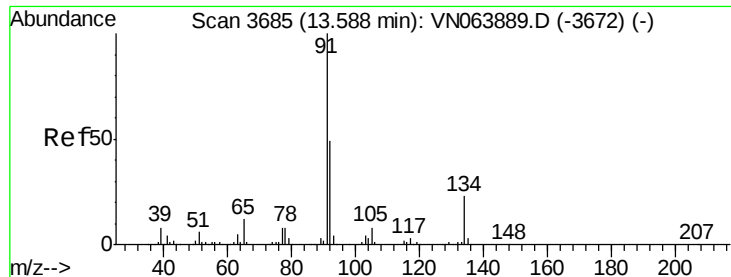
Tot Ion:146 Resp: 113496
 Ion Ratio Lower Upper
 146 100
 111 43.1 19.4 58.1
 148 62.2 31.5 94.5



#84
 1,4-Dichlorobenzene
 Concen: 16.848 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. -0.00 min
 Lab File: VN063906.D
 Acq: 6 Oct 2020 20:19

Tgt Ion:146 Resp: 111423
 Ion Ratio Lower Upper
 146 100
 111 42.2 18.6 55.8
 148 62.7 31.6 94.8

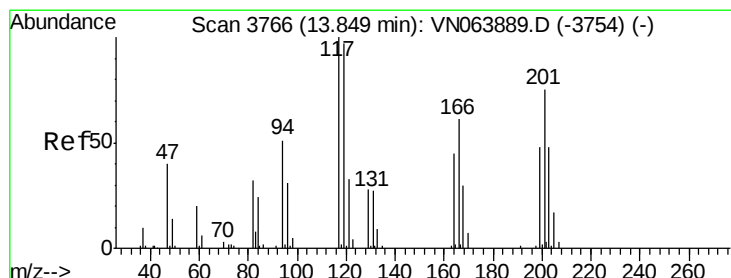
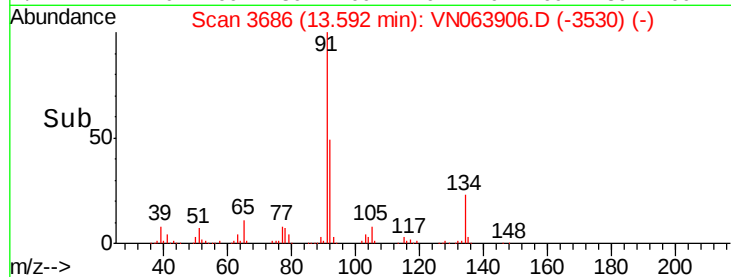
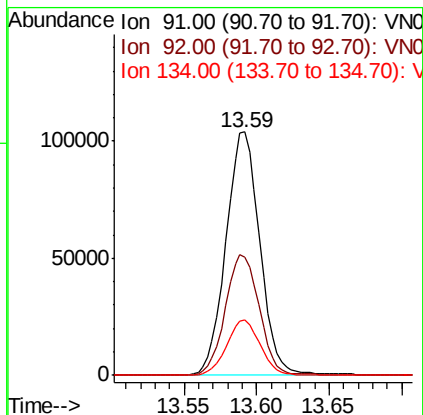
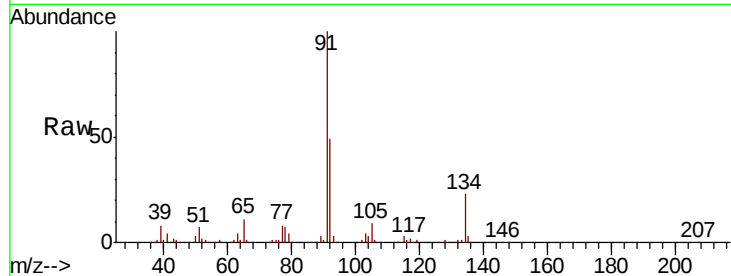




#85
n-Butylbenzene
Concen: 16.255 ug/l
RT: 13.59 min Scan# 3686
Delta R.T. 0.00 min
Lab File: VN063906.D
Acq: 6 Oct 2020 20:19

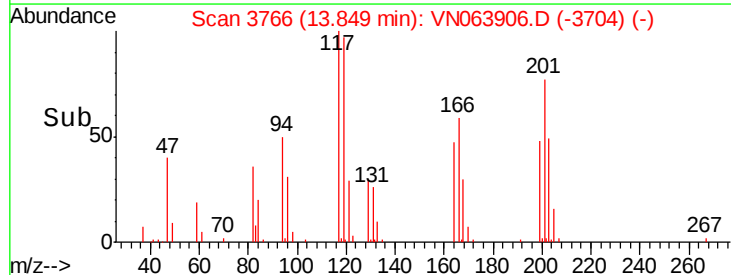
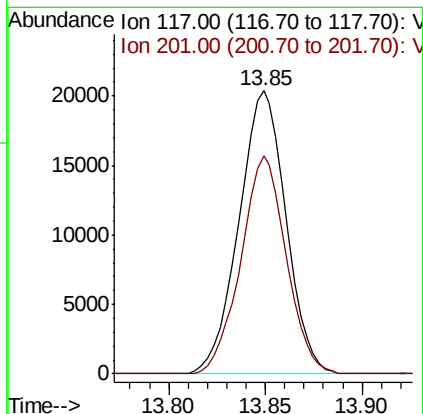
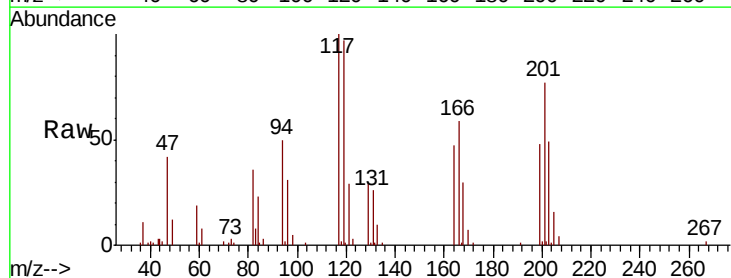
Instrument :
MSVOA_N
ClientSampled :
VN1006WBS03

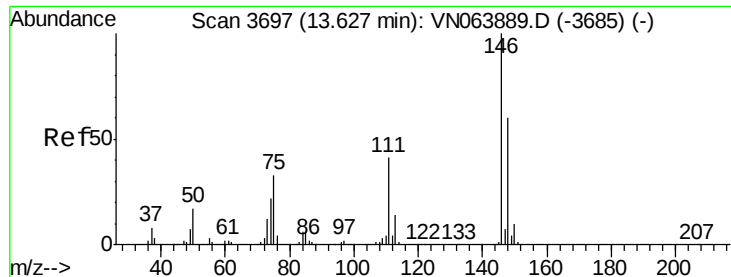
Tot Ion: 91 Resp: 168578
Ion Ratio Lower Upper
91 100
92 49.2 0.0 100.6
134 22.4 0.0 47.4



#86
Hexachloroethane
Concen: 16.851 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. -0.00 min
Lab File: VN063906.D
Acq: 6 Oct 2020 20:19

Tgt Ion: 117 Resp: 34425
Ion Ratio Lower Upper
117 100
201 74.2 46.1 138.3





#87

1,2-Dichlorobenzene

Concen: 17.148 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. -0.00 min

Lab File: VN063906.D

Acq: 6 Oct 2020 20:19

Instrument :

MSVOA_N

ClientSampleId :

VN1006WBS03

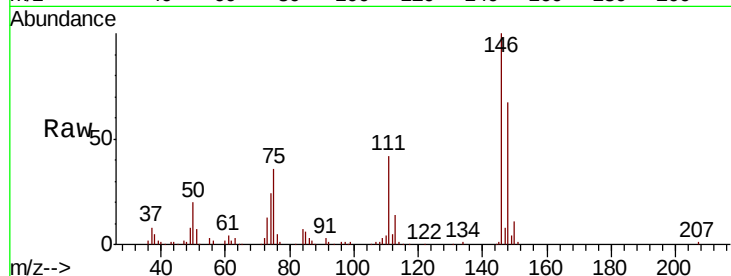
Tot Ion:146 Resp: 112019

Ion Ratio Lower Upper

146 100

111 42.9 19.1 57.3

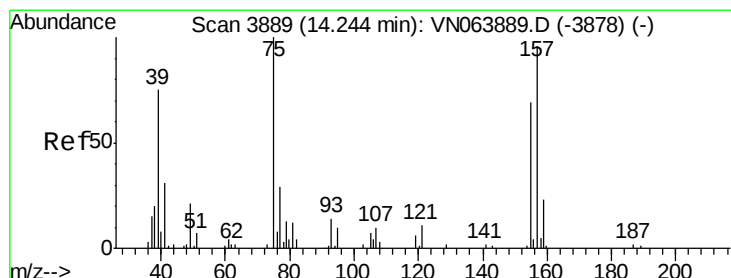
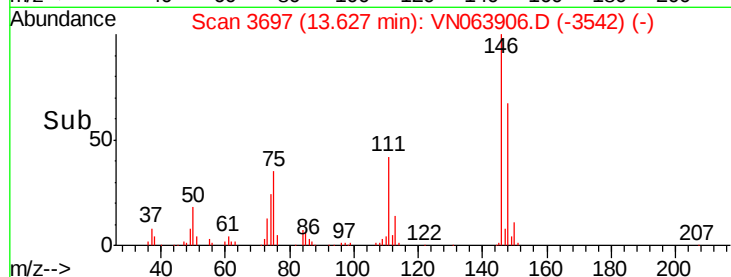
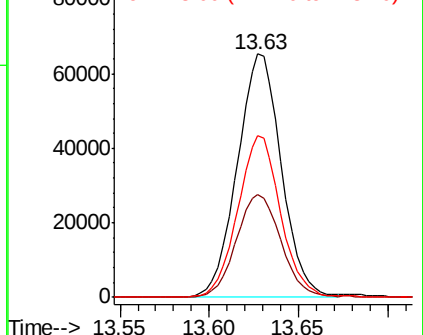
148 64.5 31.8 95.4



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#88

1,2-Dibromo-3-Chloropropane

Concen: 16.137 ug/l

RT: 14.24 min Scan# 3889

Delta R.T. -0.00 min

Lab File: VN063906.D

Acq: 6 Oct 2020 20:19

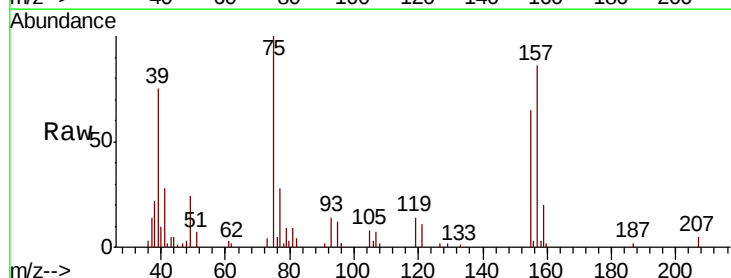
Tgt Ion: 75 Resp: 18001

Ion Ratio Lower Upper

75 100

155 68.3 64.8 97.2

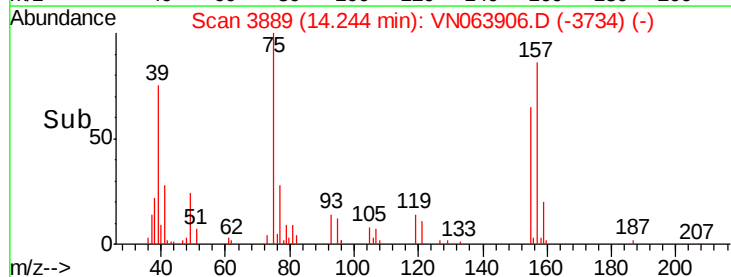
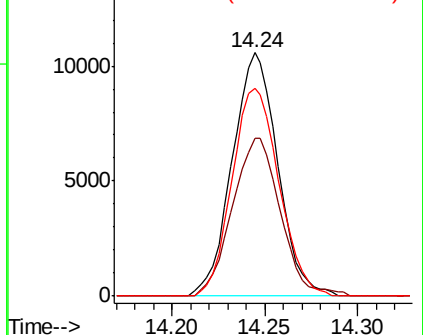
157 88.1 81.2 121.8

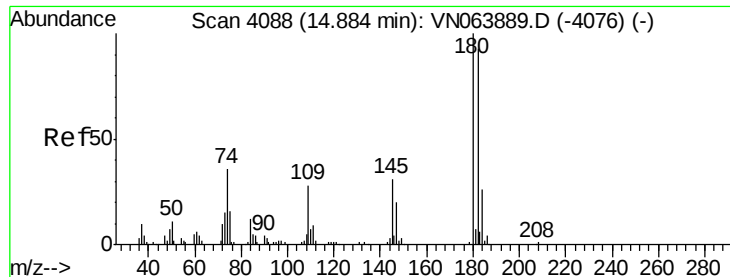


Abundance Ion 75.00 (74.70 to 75.70): VN0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

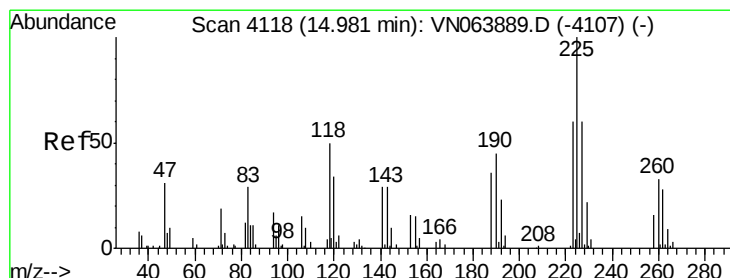
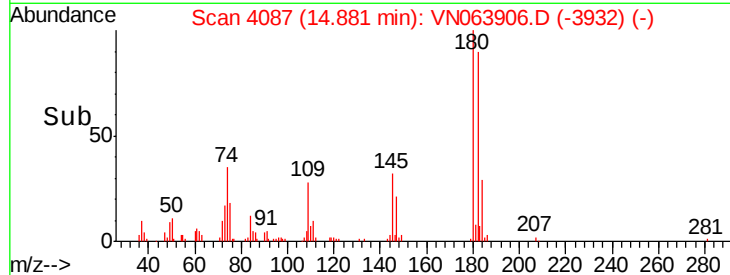
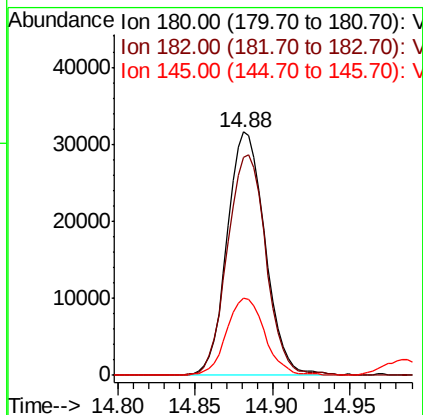
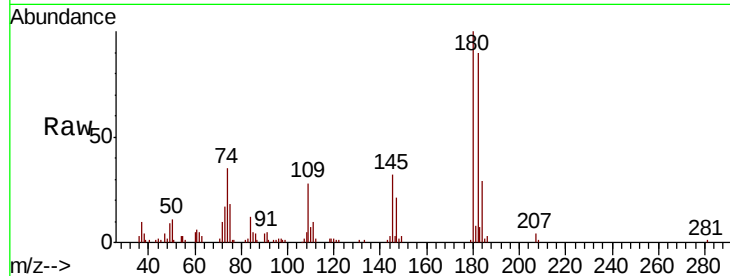




#89
 1,2,4-Trichlorobenzene
 Concen: 16.162 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. -0.00 min
 Lab File: VN063906.D
 Acq: 6 Oct 2020 20:19

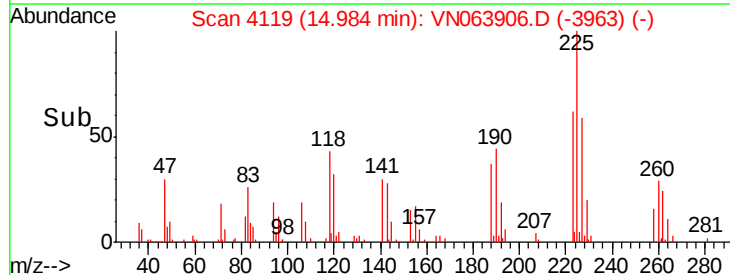
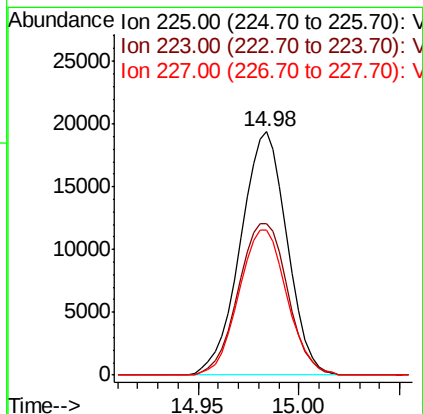
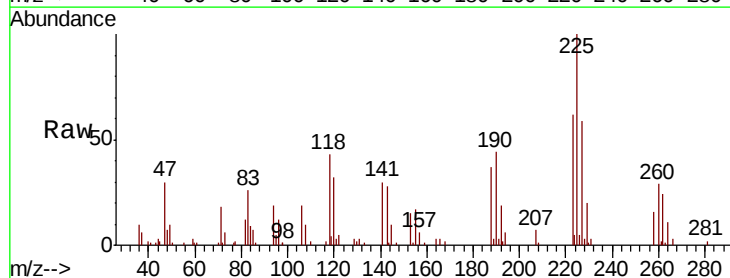
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1006WBS03

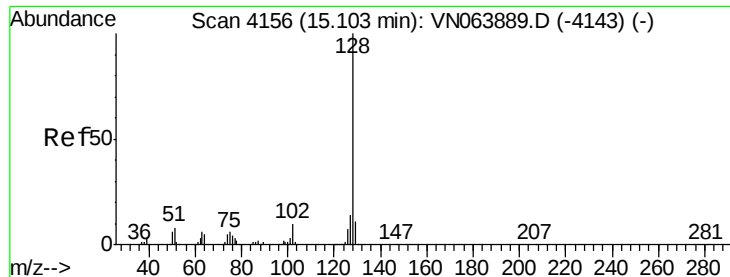
Tot Ion	Ratio	Lower	Upper
180	100		
182	92.5	76.9	115.3
145	32.1	21.9	32.9



#90
 Hexachlorobutadiene
 Concen: 17.827 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN063906.D
 Acq: 6 Oct 2020 20:19

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.8	0.0	122.8
227	61.5	0.0	125.6





#91

Naphthalene

Concen: 14.770 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. -0.00 min

Lab File: VN063906.D

Acq: 6 Oct 2020 20:19

Instrument :

MSVOA_N

ClientSampled :

VN1006WBS03

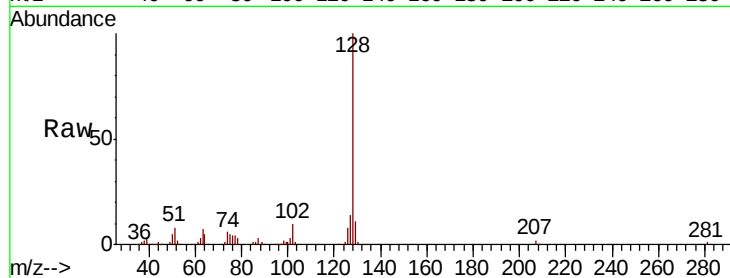
Tot Ion:128 Resp: 150030

Ion Ratio Lower Upper

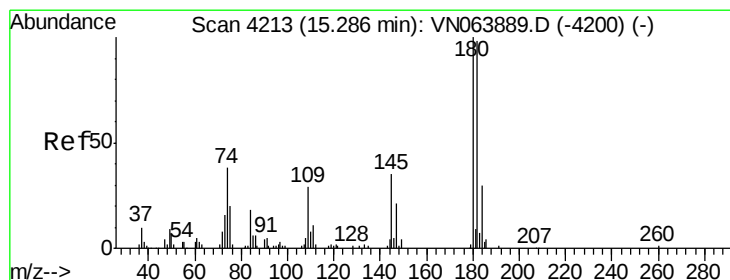
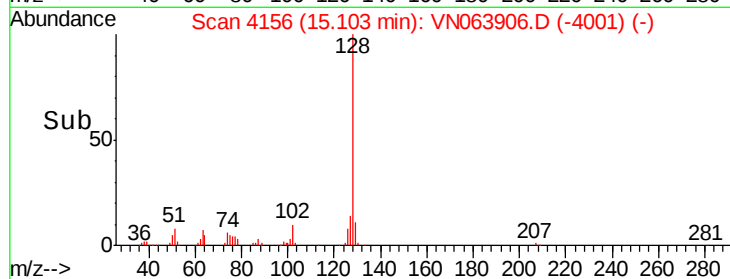
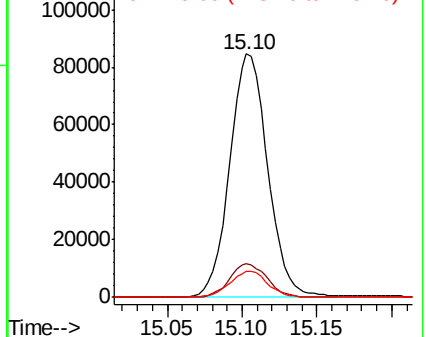
128 100

127 13.6 11.1 16.7

129 10.7 8.4 12.6



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 16.075 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. -0.00 min

Lab File: VN063906.D

Acq: 6 Oct 2020 20:19

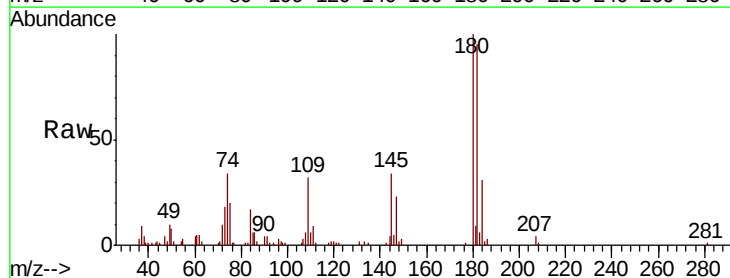
Tgt Ion:180 Resp: 51992

Ion Ratio Lower Upper

180 100

182 98.3 0.0 188.0

145 34.1 0.0 62.0



Abundance Ion 180.00 (179.70 to 180.70): V
Ion 182.00 (181.70 to 182.70): V
Ion 145.00 (144.70 to 145.70): V

