

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100520\
 Data File : VN063865.D
 Acq On : 5 Oct 2020 12:57
 Operator : JC/MD
 Sample : VN1005MBS01
 Misc : 5.00µL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1005MBS01

Quant Time: Oct 06 01:37:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 01:46:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	270689	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	439139	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	414738	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	192488	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	219552	49.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.20%	
35) Dibromofluoromethane	7.55	113	151484	49.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.42%	
50) Toluene-d8	10.06	98	549845	47.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.20%	
62) 4-Bromofluorobenzene	12.38	95	204143	47.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	52349	18.328	ug/l	98
3) Chloromethane	2.04	50	58968	17.595	ug/l	98
4) Vinyl Chloride	2.17	62	57127	16.981	ug/l	97
5) Bromomethane	2.54	94	40250	19.022	ug/l	95
6) Chloroethane	2.68	64	38138	18.972	ug/l	98
7) Trichlorofluoromethane	2.99	101	100802	18.893	ug/l	99
8) Diethyl Ether	3.38	74	34683	19.221	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	52889	18.546	ug/l	97
10) Methyl Iodide	3.91	142	64105	19.360	ug/l	99
11) Tert butyl alcohol	4.72	59	48310	97.849	ug/l #	87
12) 1,1-Dichloroethene	3.70	96	48398	17.756	ug/l	93
13) Acrolein	3.57	56	27521	90.823	ug/l	100
14) Allyl chloride	4.28	41	94377	18.637	ug/l	96
15) Acrylonitrile	4.93	53	134590	95.235	ug/l	98
16) Acetone	3.77	43	130499	94.797	ug/l	95
17) Carbon Disulfide	4.01	76	129165	17.987	ug/l	96
18) Methyl Acetate	4.27	43	70383	19.692	ug/l #	78
19) Methyl tert-butyl Ether	4.99	73	187236	18.907	ug/l	100
20) Methylene Chloride	4.50	84	61347	19.516	ug/l	95
21) trans-1,2-Dichloroethene	4.99	96	54551	17.867	ug/l	97
22) Diisopropyl ether	5.90	45	208620	20.023	ug/l	97
23) Vinyl Acetate	5.84	43	831340	96.325	ug/l	100
24) 1,1-Dichloroethane	5.79	63	112213	18.837	ug/l	96
25) 2-Butanone	6.78	43	186445	95.529	ug/l	99
26) 2,2-Dichloropropane	6.77	77	98510	18.057	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	64028	18.234	ug/l	97
28) Bromochloromethane	7.15	49	58077	19.725	ug/l	100
29) Tetrahydrofuran	7.16	42	121252	92.630	ug/l	99
30) Chloroform	7.33	83	119662	19.265	ug/l	97
31) Cyclohexane	7.61	56	91157	17.558	ug/l #	89
32) 1,1,1-Trichloroethane	7.53	97	106337	18.980	ug/l	99
36) 1,1-Dichloropropene	7.75	75	81119	18.233	ug/l	99
37) Ethyl Acetate	6.88	43	83558	18.904	ug/l	99
38) Carbon Tetrachloride	7.73	117	94241	18.891	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	75958	17.121	ug/l	96
40) Benzene	8.00	78	240535	18.929	ug/l	100
41) Methacrylonitrile	7.16	41	123061	62.644	ug/l #	38
42) 1,2-Dichloroethane	8.08	62	103900	19.155	ug/l	99
43) Isopropyl Acetate	8.13	43	141416	19.397	ug/l	99
44) Trichloroethene	8.80	130	63026	18.930	ug/l	97
45) 1,2-Dichloropropane	9.08	63	66411	19.352	ug/l	97
46) Dibromomethane	9.17	93	44889	18.961	ug/l	98
47) Bromodichloromethane	9.37	83	96271	19.731	ug/l	95
48) Methyl methacrylate	9.17	41	69767	19.369	ug/l	95
49) 1,4-Dioxane	9.16	88	18746	366.182	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	421634	98.547	ug/l	98
52) Toluene	10.12	92	152618	19.417	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	101392	19.386	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	106737	19.514	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	61885	19.633	ug/l	96
56) Ethyl methacrylate	10.40	69	85936	19.234	ug/l	98
57) 1,3-Dichloropropane	10.68	76	107834	20.221	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	221011	92.475	ug/l	100
59) 2-Hexanone	10.72	43	302356	95.130	ug/l	98
60) Dibromochloromethane	10.87	129	67893	18.495	ug/l	99
61) 1,2-Dibromoethane	10.98	107	62947	19.523	ug/l	98
64) Tetrachloroethene	10.60	164	61710	19.232	ug/l	94
65) Chlorobenzene	11.41	112	161560	18.990	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	63513	19.473	ug/l	99
67) Ethyl Benzene	11.48	91	282579	18.254	ug/l	99
68) m/p-Xylenes	11.60	106	209733	36.351	ug/l	97
69) o-Xylene	11.92	106	100445	18.626	ug/l	100
70) Styrene	11.94	104	170619	18.639	ug/l	99
71) Bromoform	12.10	173	45773	18.350	ug/l #	97
73) Isopropylbenzene	12.22	105	265575	18.916	ug/l	99
74) N-amyl acetate	12.05	43	114847	19.036	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	83889	19.540	ug/l	98
76) 1,2,3-Trichloropropane	12.52	75	118578	27.945	ug/l #	100
77) Bromobenzene	12.50	156	68102	19.768	ug/l	99
78) n-propylbenzene	12.57	91	306335	18.748	ug/l	99
79) 2-Chlorotoluene	12.65	91	191767	19.083	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	229574	19.491	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	27832	18.892	ug/l	99
82) 4-Chlorotoluene	12.75	91	200075	19.179	ug/l	98
83) tert-Butylbenzene	12.97	119	181920	18.882	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	230242	19.578	ug/l	99
85) sec-Butylbenzene	13.15	105	239433	18.920	ug/l	98
86) p-Isopropyltoluene	13.26	119	214936	19.199	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	117976	18.929	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	121689	18.752	ug/l	99
89) n-Butylbenzene	13.59	91	177564	17.185	ug/l	100
90) Hexachloroethane	13.85	117	40058	18.465	ug/l	94
91) 1,2-Dichlorobenzene	13.63	146	118868	19.256	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	18339	18.214	ug/l	96

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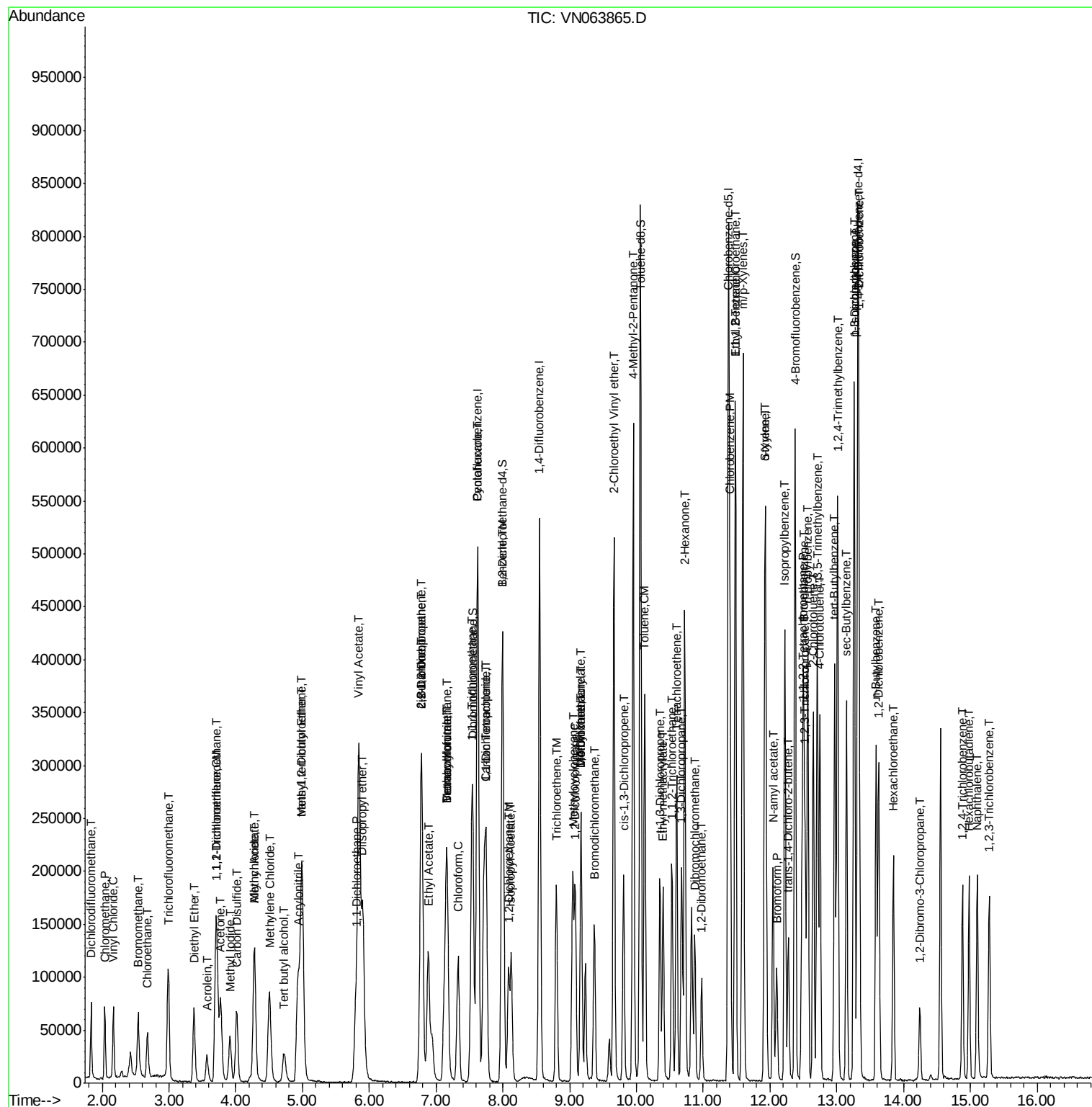
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	55168	17.601	ug/l	98
94) Hexachlorobutadiene	14.98	225	31852	19.071	ug/l	98
95) Naphthalene	15.10	128	160716	16.803	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	52397	17.157	ug/l	99

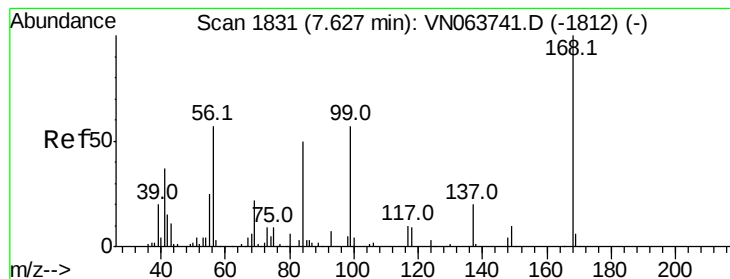
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN063865.D

Acq: 5 Oct 2020 12:57

Instrument :

MSVOA_N

ClientSampleId :

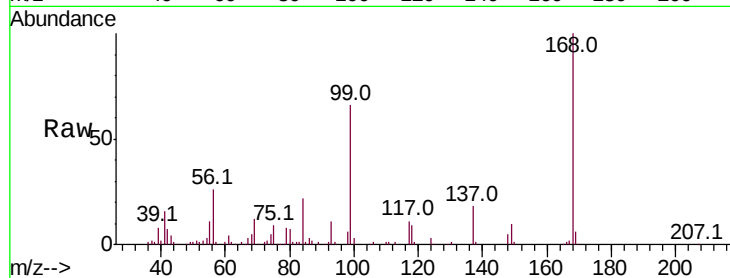
VN1005MBS01

Tot Ion:168 Resp: 270689

Ion Ratio Lower Upper

168 100

99 65.7 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

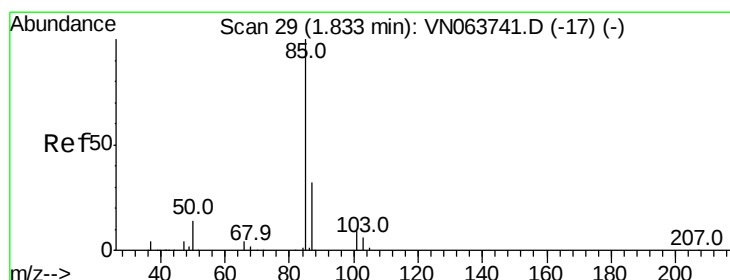
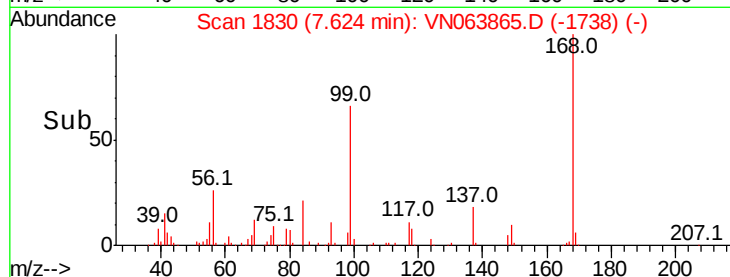
7.62

100000

50000

0

Time--> 7.50 7.55 7.60 7.65 7.70



#2

Dichlorodifluoromethane

Concen: 18.328 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063865.D

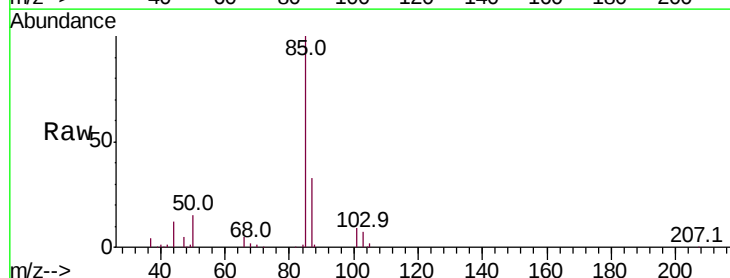
Acq: 5 Oct 2020 12:57

Tgt Ion: 85 Resp: 52349

Ion Ratio Lower Upper

85 100

87 32.9 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.83

40000

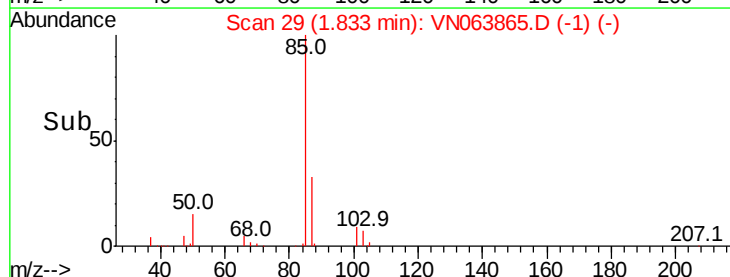
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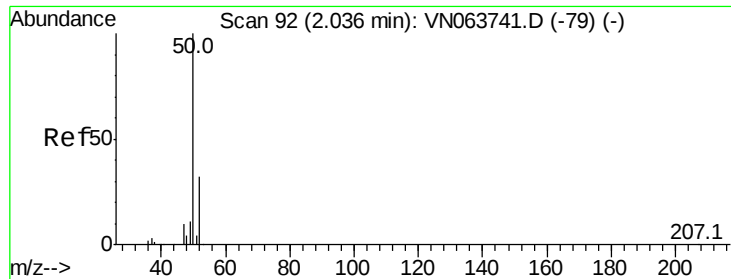
20000

10000

0

Time--> 1.80 1.85 1.90





#3

Chloromethane

Concen: 17.595 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN063865.D

Acq: 5 Oct 2020 12:57

Instrument :

MSVOA_N

ClientSampleId :

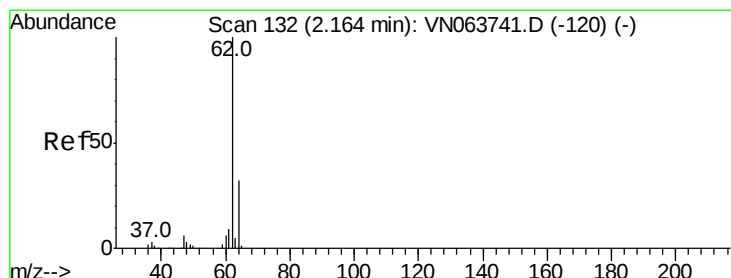
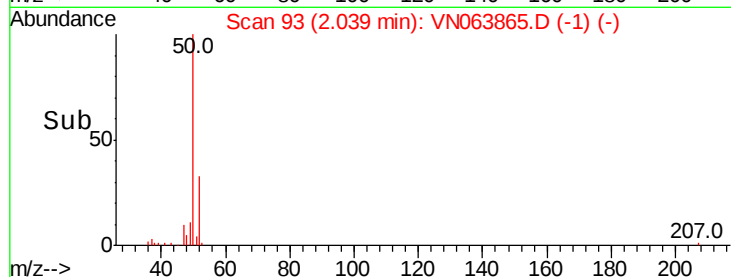
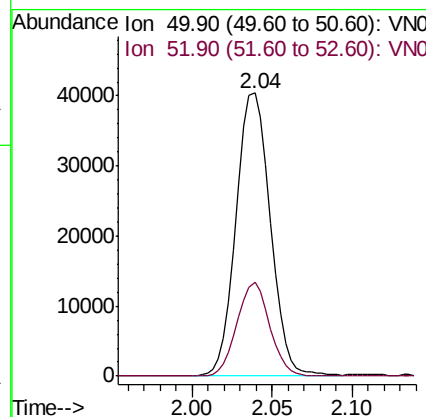
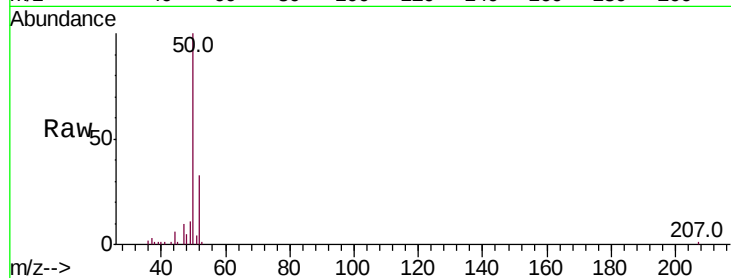
VN1005MBS01

Tot Ion: 50 Resp: 58968

Ion Ratio Lower Upper

50 100

52 33.2 25.8 38.8



#4

Vinyl Chloride

Concen: 16.981 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN063865.D

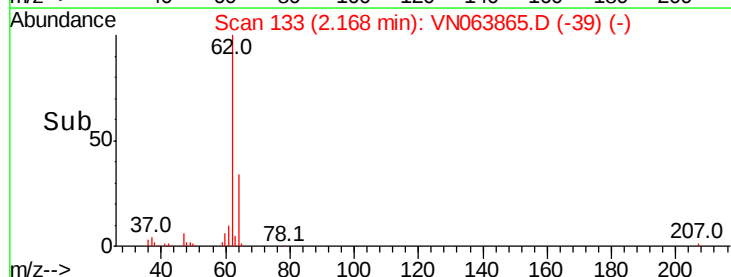
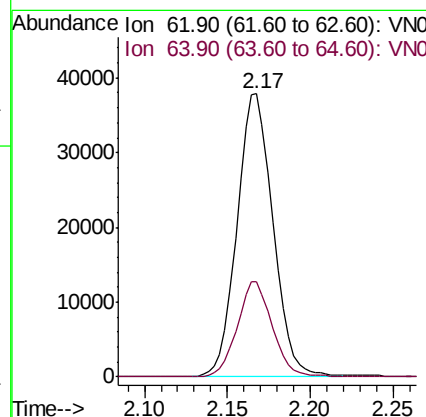
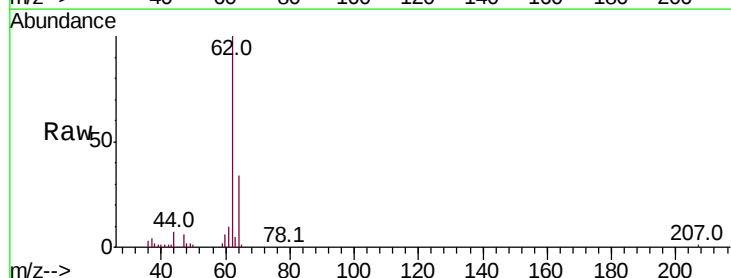
Acq: 5 Oct 2020 12:57

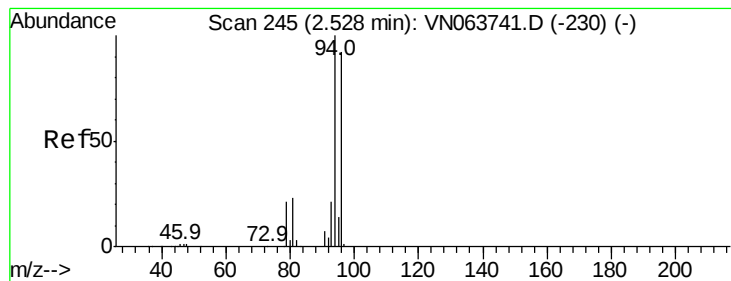
Tgt Ion: 62 Resp: 57127

Ion Ratio Lower Upper

62 100

64 33.7 25.6 38.4





#5

Bromomethane

Concen: 19.022 ug/l

RT: 2.54 min Scan# 248

Delta R.T. 0.01 min

Lab File: VN063865.D

Acq: 5 Oct 2020 12:57

Instrument :

MSVOA_N

ClientSampleId :

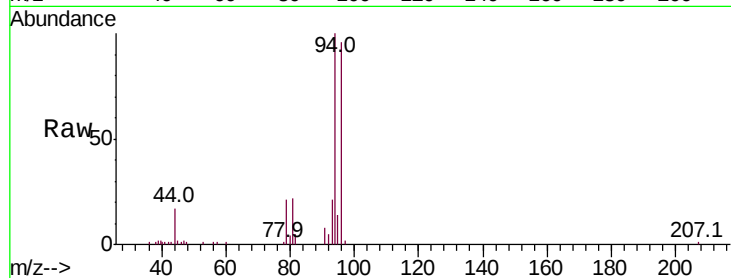
VN1005MBS01

Tot Ion: 94 Resp: 40250

Ion Ratio Lower Upper

94 100

96 96.2 73.3 109.9



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.54

20000

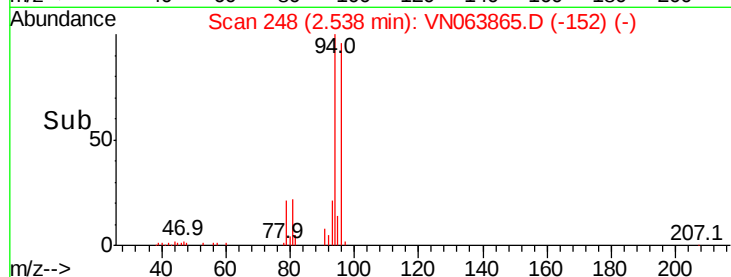
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10000

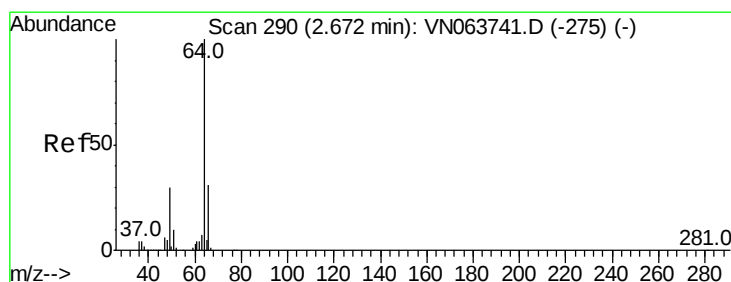
5000

0

Time-->



Time-->



#6

Chloroethane

Concen: 18.972 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN063865.D

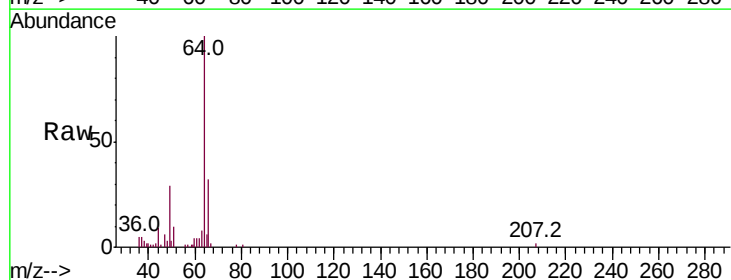
Acq: 5 Oct 2020 12:57

Tgt Ion: 64 Resp: 38138

Ion Ratio Lower Upper

64 100

66 32.5 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.68

20000

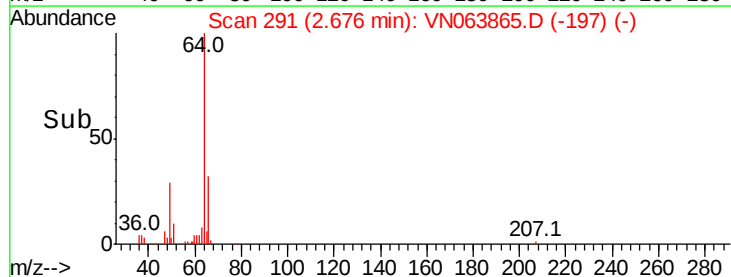
15000

10000

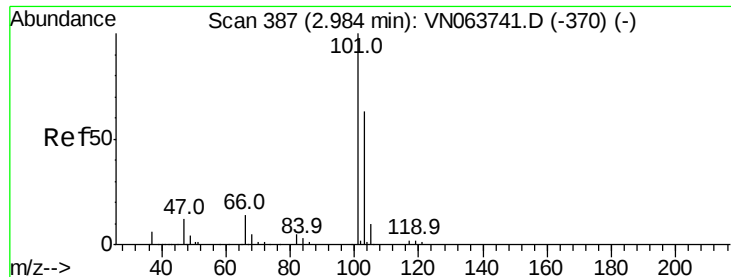
5000

0

Time-->



Time-->

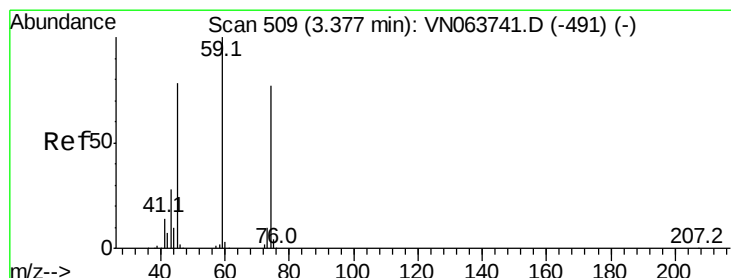
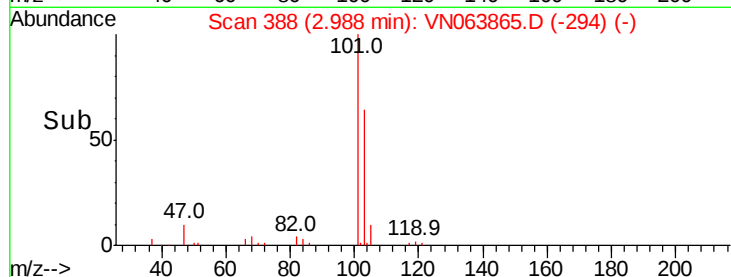
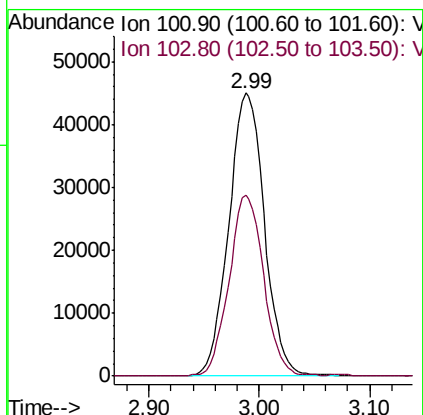
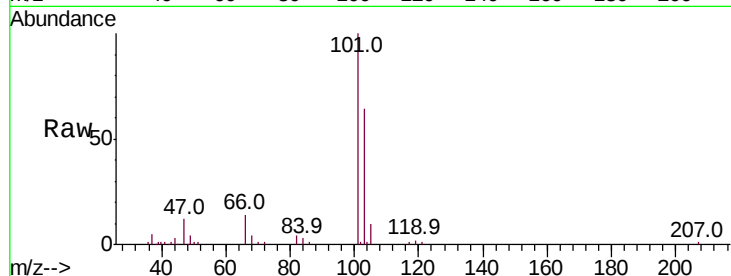


#7

Trichlorofluoromethane
 Concen: 18.893 ug/l
 RT: 2.99 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VN063865.D
 Acq: 5 Oct 2020 12:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1005MBS01

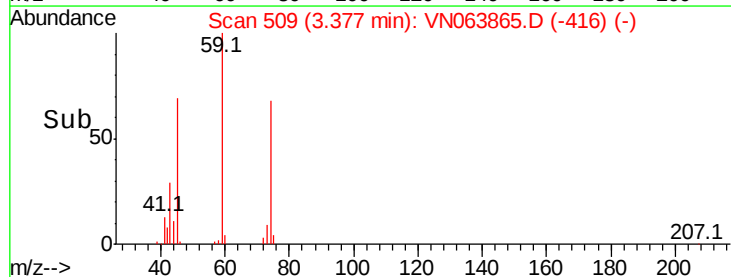
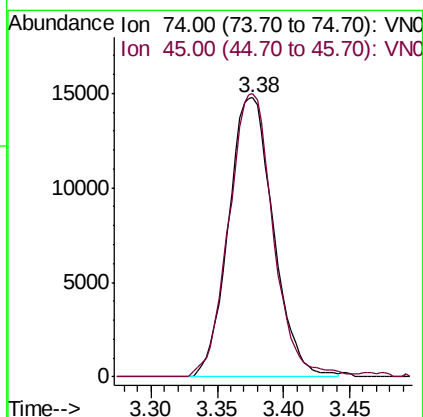
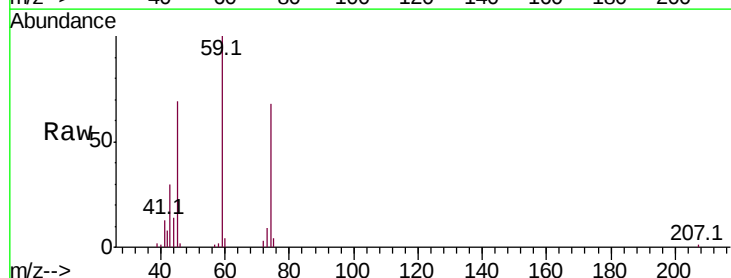
Tot Ion:101 Resp: 100802
 Ion Ratio Lower Upper
 101 100
 103 64.1 50.7 76.1

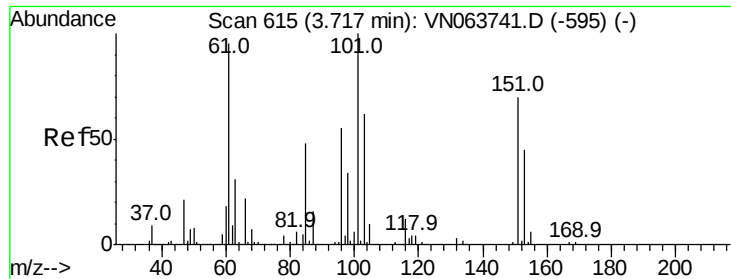


#8

Diethyl Ether
 Concen: 19.221 ug/l
 RT: 3.38 min Scan# 509
 Delta R.T. 0.00 min
 Lab File: VN063865.D
 Acq: 5 Oct 2020 12:57

Tgt Ion: 74 Resp: 34683
 Ion Ratio Lower Upper
 74 100
 45 100.3 50.9 152.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.546 ug/l

RT: 3.72 min Scan# 617

Delta R.T. 0.01 min

Lab File: VN063865.D

Acq: 5 Oct 2020 12:57

Instrument :

MSVOA_N

ClientSampleId :

VN1005MBS01

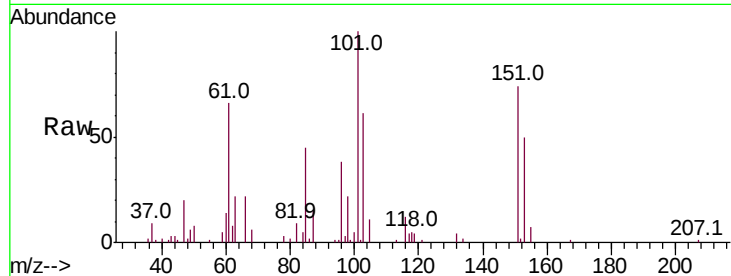
Tot Ion:101 Resp: 52889

Ion Ratio Lower Upper

101 100

85 47.4 38.6 58.0

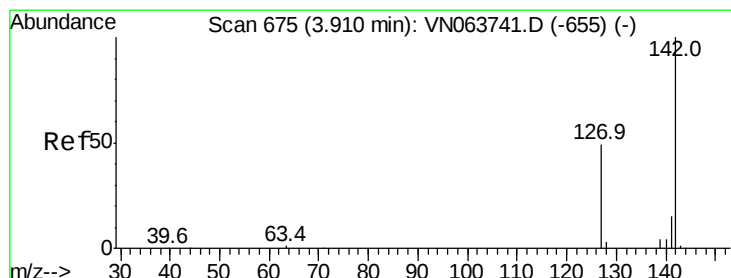
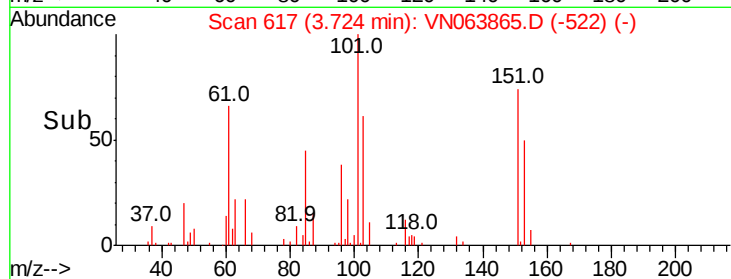
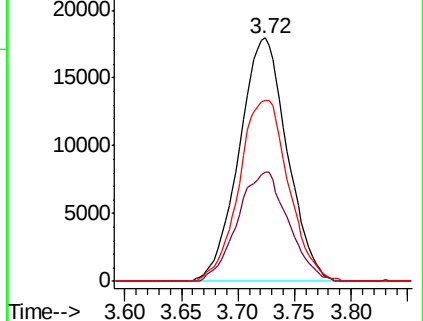
151 76.9 58.7 88.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.360 ug/l

RT: 3.91 min Scan# 675

Delta R.T. 0.00 min

Lab File: VN063865.D

Acq: 5 Oct 2020 12:57

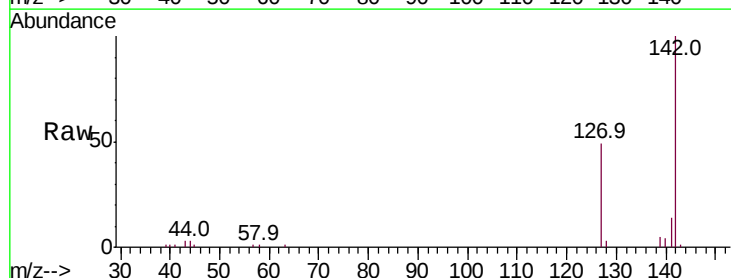
Tgt Ion:142 Resp: 64105

Ion Ratio Lower Upper

142 100

127 51.6 40.5 60.7

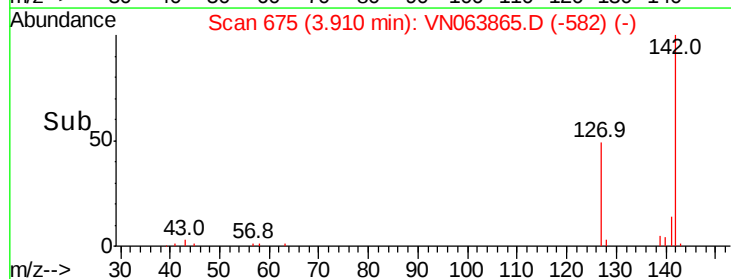
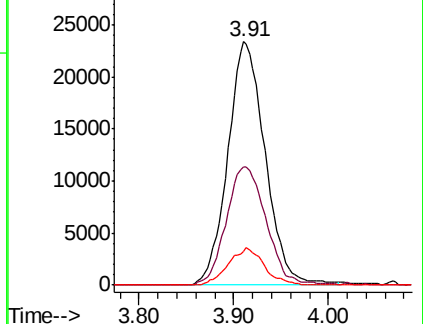
141 14.7 11.7 17.5

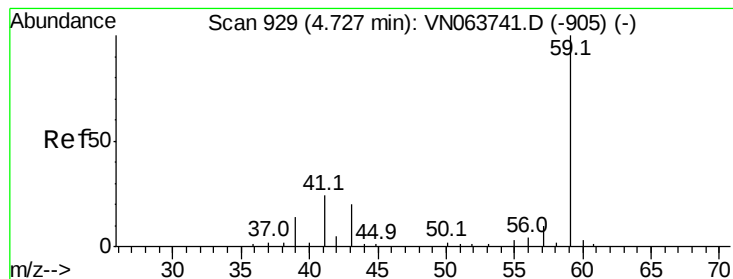


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 97.849 ug/l

RT: 4.72 min Scan# 926

Delta R.T. -0.01 min

Lab File: VN063865.D

Acq: 5 Oct 2020 12:57

Instrument :

MSVOA_N

ClientSampleId :

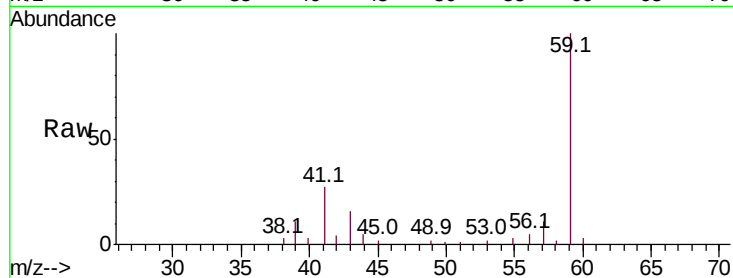
VN1005MBS01

Tot Ion: 59 Resp: 48310

Ion Ratio Lower Upper

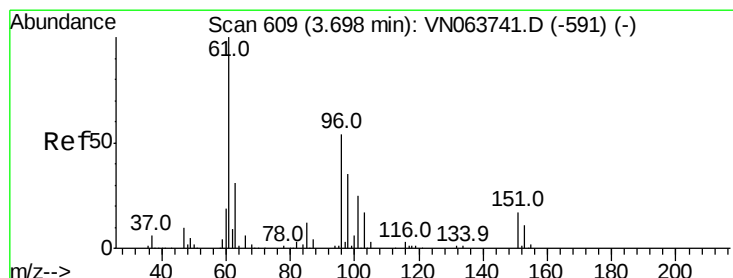
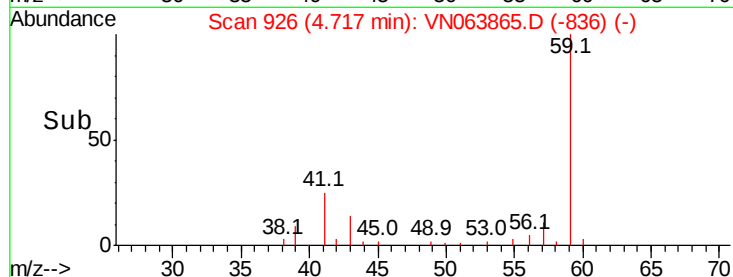
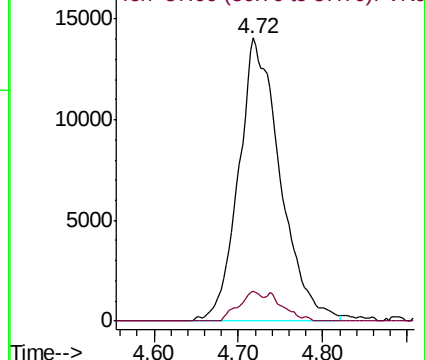
59 100

57 6.0 8.7 13.1#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#12

1,1-Dichloroethene

Concen: 17.756 ug/l

RT: 3.70 min Scan# 609

Delta R.T. 0.00 min

Lab File: VN063865.D

Acq: 5 Oct 2020 12:57

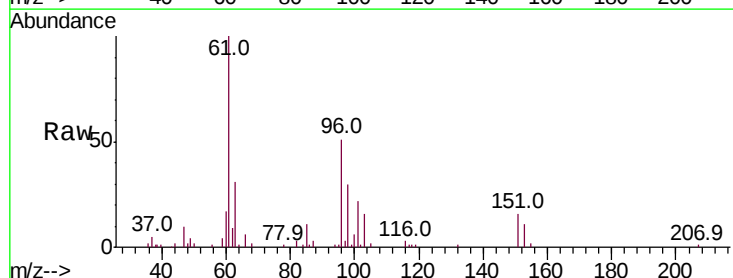
Tgt Ion: 96 Resp: 48398

Ion Ratio Lower Upper

96 100

61 194.2 147.7 221.5

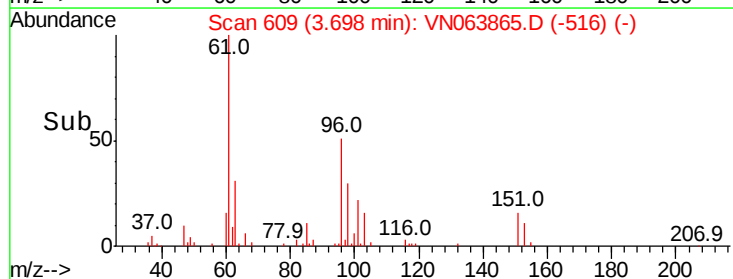
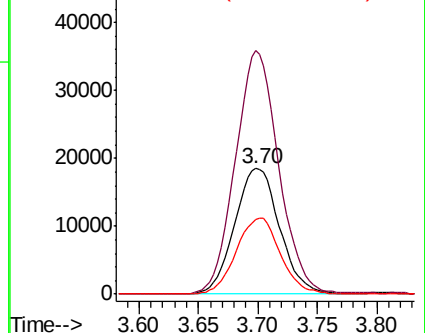
98 59.2 51.9 77.9

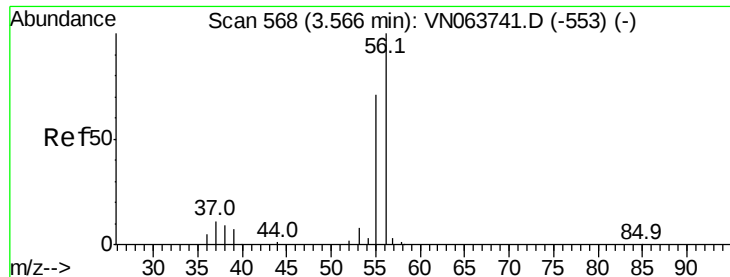


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#13

Acrolein

Concen: 90.823 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN063865.D

Acq: 5 Oct 2020 12:57

Instrument :

MSVOA_N

ClientSampleId :

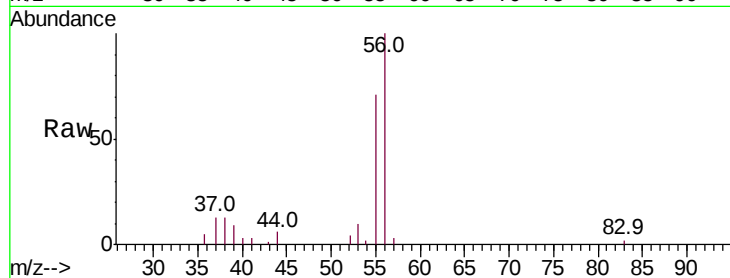
VN1005MBS01

Tot Ion: 56 Resp: 27521

Ion Ratio Lower Upper

56 100

55 71.4 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VN063741.D (-553) (-)

Ion 55.00 (54.70 to 55.70): VN063741.D (-553) (-)

3.57

12000

10000

8000

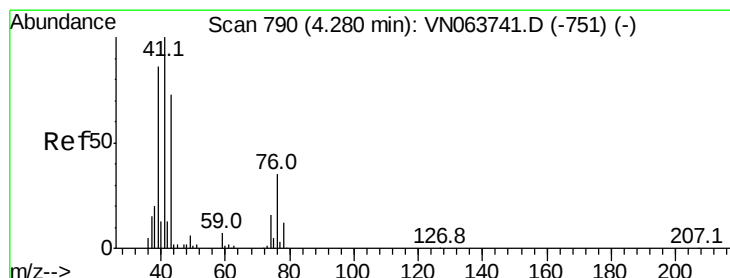
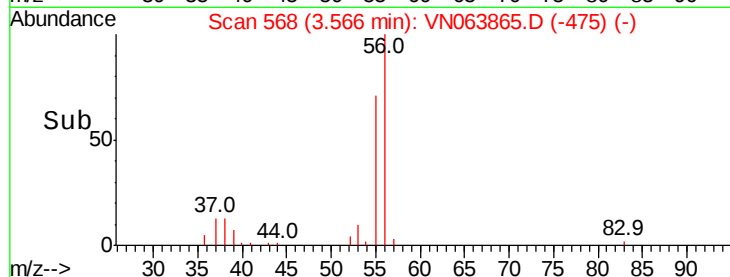
6000

4000

2000

0

Time-->



#14

Allyl chloride

Concen: 18.637 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063865.D

Acq: 5 Oct 2020 12:57

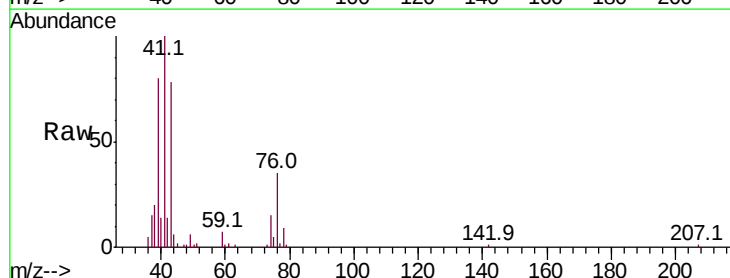
Tgt Ion: 41 Resp: 94377

Ion Ratio Lower Upper

41 100

39 75.8 64.5 96.7

76 31.4 25.9 38.9



Abundance Ion 41.00 (40.70 to 41.70): VN063741.D (-751) (-)

Ion 39.00 (38.70 to 39.70): VN063741.D (-751) (-)

Ion 75.90 (75.60 to 76.60): VN063741.D (-751) (-)

4.28

40000

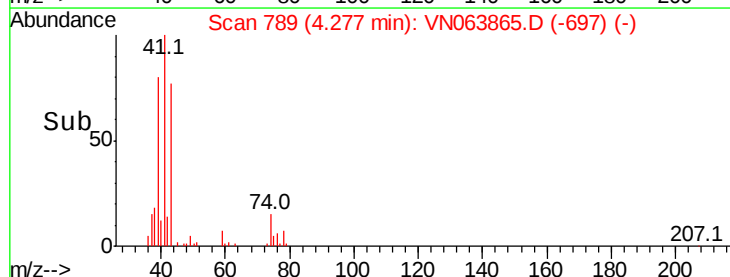
30000

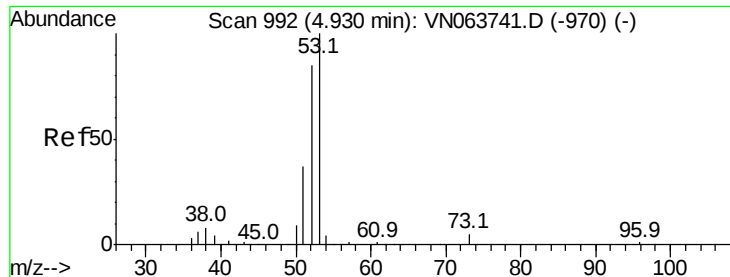
20000

10000

0

Time-->





#15

Acrylonitrile

Concen: 95.235 ug/l

RT: 4.93 min Scan# 991

Delta R.T. -0.00 min

Lab File: VN063865.D

Acq: 5 Oct 2020 12:57

Instrument :

MSVOA_N

ClientSampleId :

VN1005MBS01

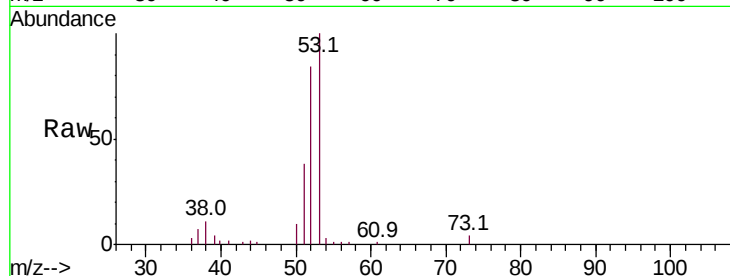
Tot Ion: 53 Resp: 134590

Ion Ratio Lower Upper

53 100

52 80.2 66.5 99.7

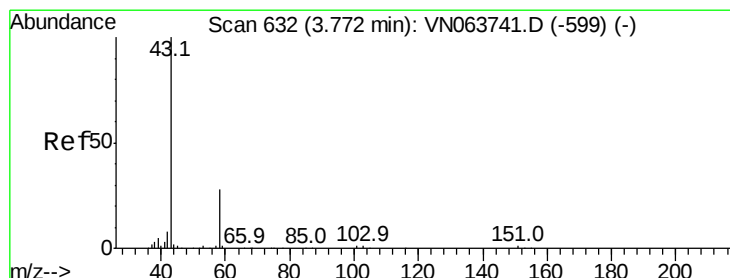
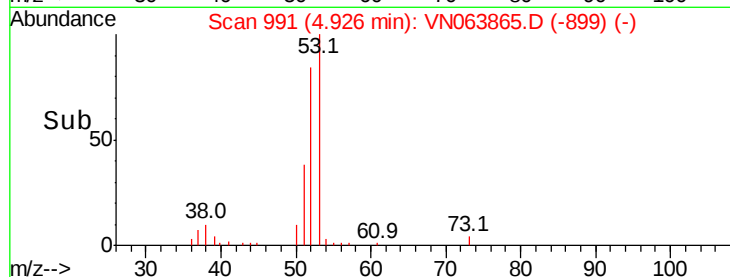
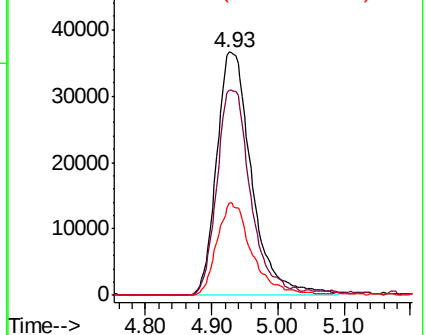
51 36.8 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VN063741.D (-970) (-)

Ion 52.00 (51.70 to 52.70): VN063741.D (-970) (-)

Ion 51.00 (50.70 to 51.70): VN063741.D (-970) (-)



#16

Acetone

Concen: 94.797 ug/l

RT: 3.77 min Scan# 632

Delta R.T. 0.00 min

Lab File: VN063865.D

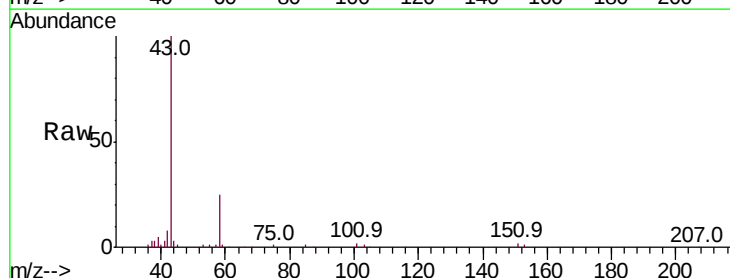
Acq: 5 Oct 2020 12:57

Tgt Ion: 43 Resp: 130499

Ion Ratio Lower Upper

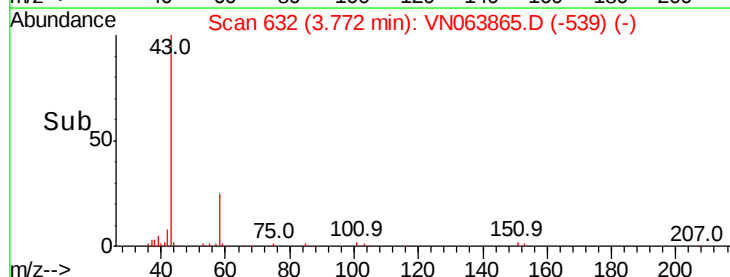
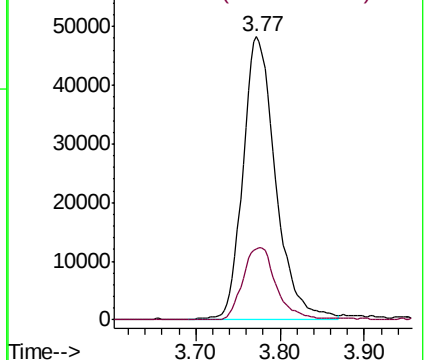
43 100

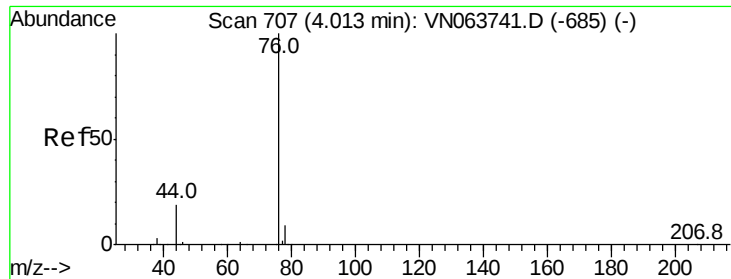
58 25.2 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VN063741.D (-599) (-)

Ion 58.00 (57.70 to 58.70): VN063741.D (-599) (-)

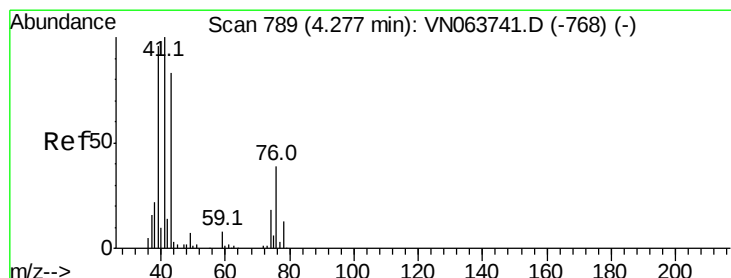
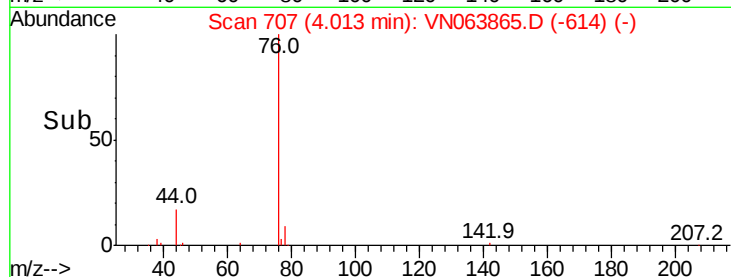
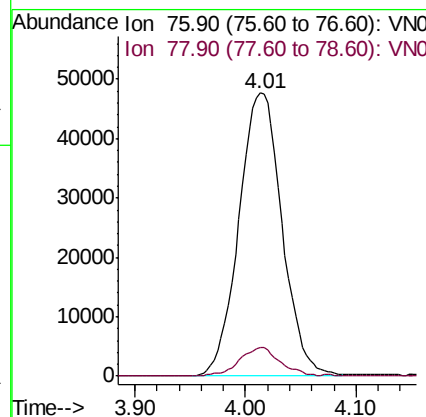
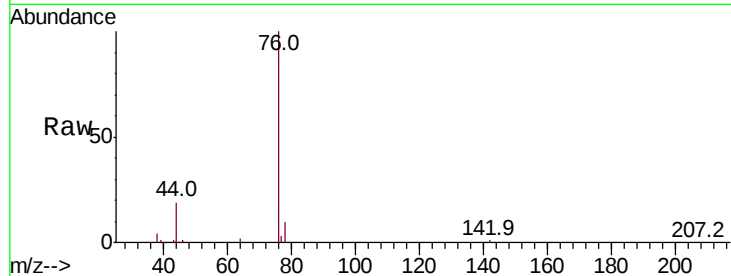




#17
Carbon Disulfide
Concen: 17.987 ug/l
RT: 4.01 min Scan# 707
Delta R.T. 0.00 min
Lab File: VN063865.D
Acq: 5 Oct 2020 12:57

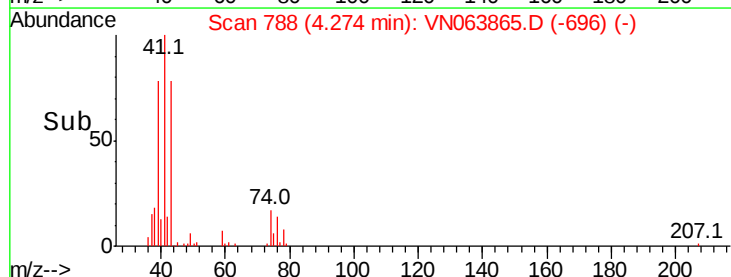
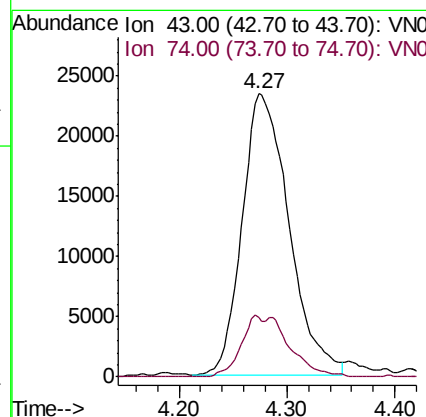
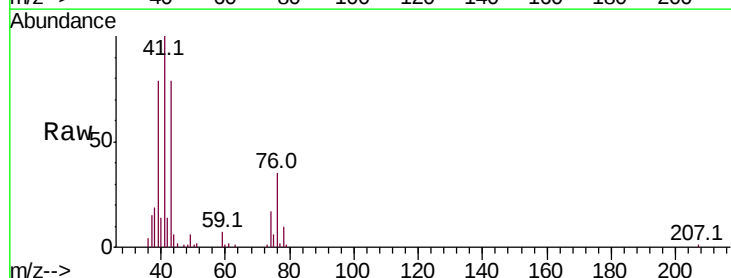
Instrument :
MSVOA_N
ClientSampleId :
VN1005MBS01

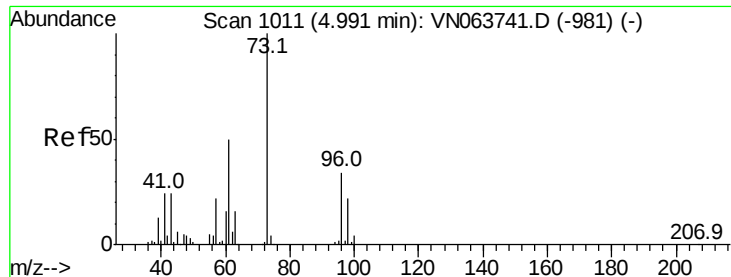
Tot Ion: 76 Resp: 129165
Ion Ratio Lower Upper
76 100
78 10.1 7.0 10.4



#18
Methyl Acetate
Concen: 19.692 ug/l
RT: 4.27 min Scan# 788
Delta R.T. -0.00 min
Lab File: VN063865.D
Acq: 5 Oct 2020 12:57

Tgt Ion: 43 Resp: 70383
Ion Ratio Lower Upper
43 100
74 11.3 17.4 26.2#

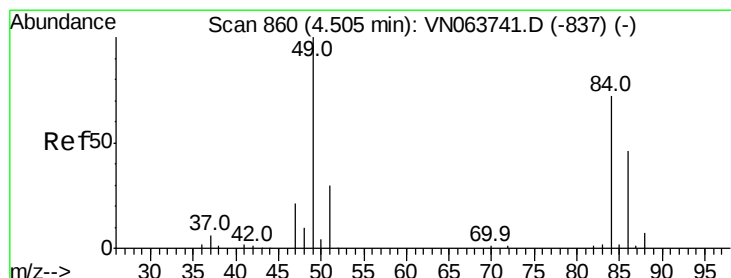
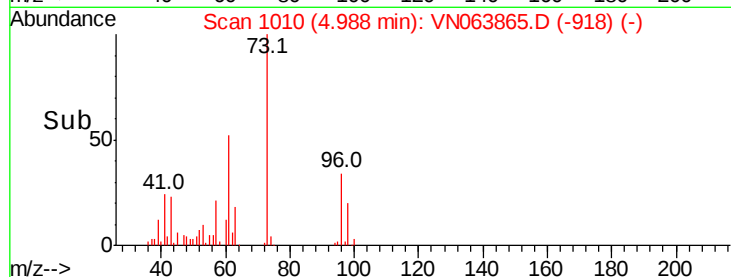
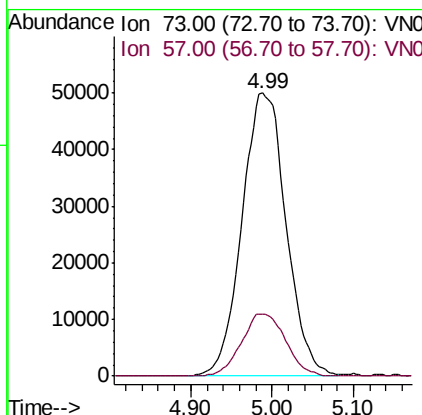
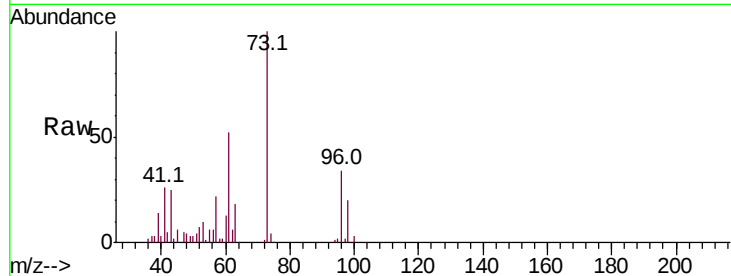




#19
Methyl tert-butyl Ether
Concen: 18.907 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. -0.00 min
Lab File: VN063865.D
Acq: 5 Oct 2020 12:57

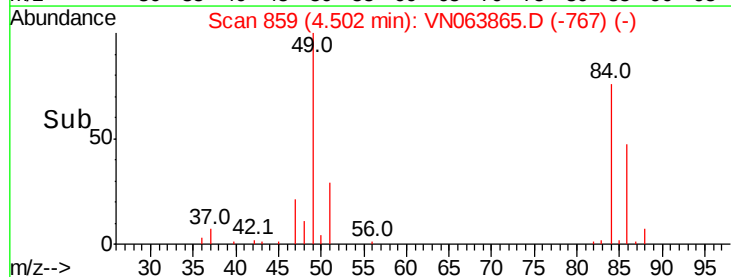
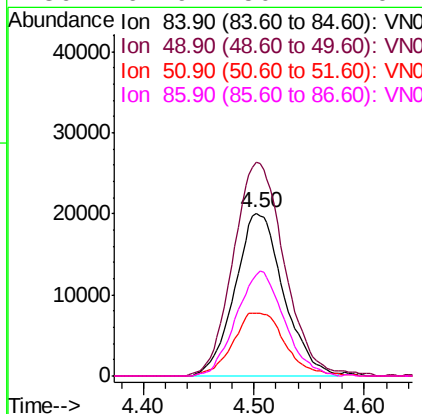
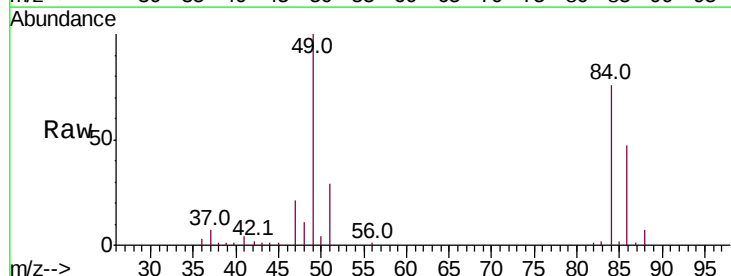
Instrument :
MSVOA_N
ClientSampled :
VN1005MBS01

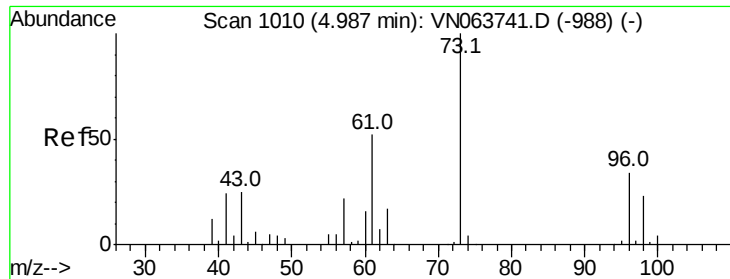
Tot Ion: 73 Resp: 187236
Ion Ratio Lower Upper
73 100
57 21.9 17.6 26.4



#20
Methylene Chloride
Concen: 19.516 ug/l
RT: 4.50 min Scan# 859
Delta R.T. -0.00 min
Lab File: VN063865.D
Acq: 5 Oct 2020 12:57

Tgt Ion: 84 Resp: 61347
Ion Ratio Lower Upper
84 100
49 130.3 110.4 165.6
51 38.6 33.3 49.9
86 61.9 50.7 76.1

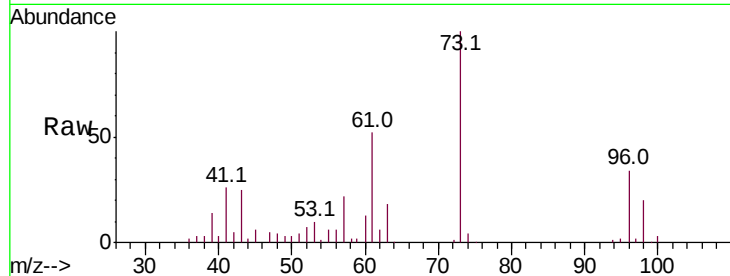




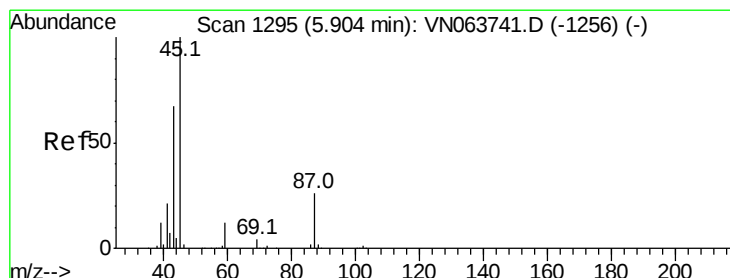
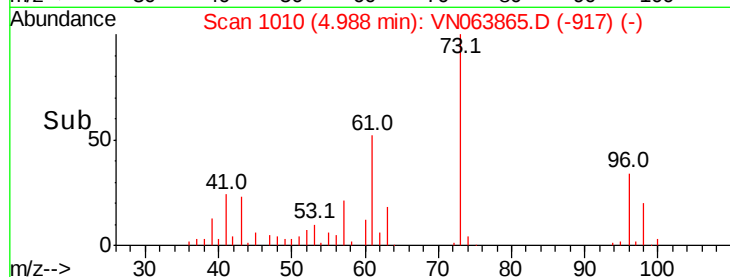
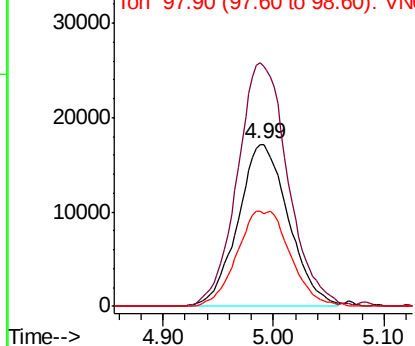
#21
trans-1,2-Dichloroethene
Concen: 17.867 ug/l
RT: 4.99 min Scan# 1010
Delta R.T. 0.00 min
Lab File: VN063865.D
Acq: 5 Oct 2020 12:57

Instrument :
MSVOA_N
ClientSampleId :
VN1005MBS01

Tot Ion: 96 Resp: 54551
Ion Ratio Lower Upper
96 100
61 149.4 120.2 180.2
98 58.5 52.6 79.0

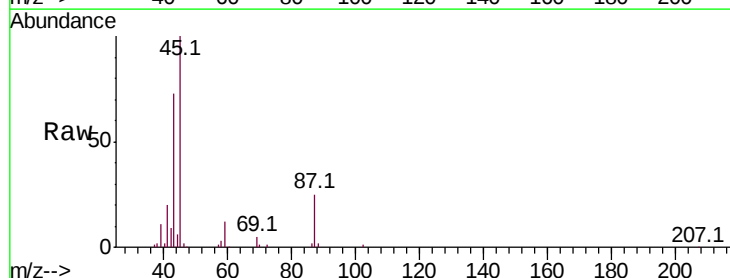


Abundance Ion 95.90 (95.60 to 96.60): VNC
Ion 60.90 (60.60 to 61.60): VNC
Ion 97.90 (97.60 to 98.60): VNC

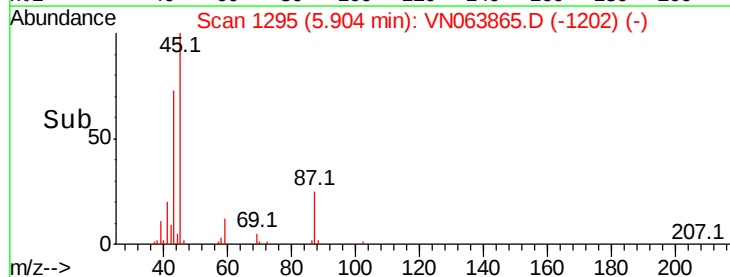
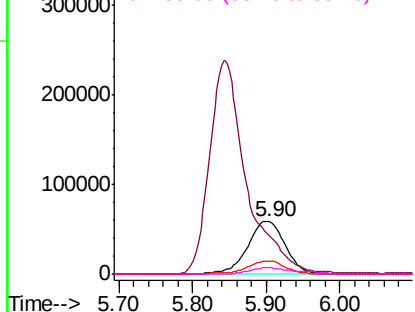


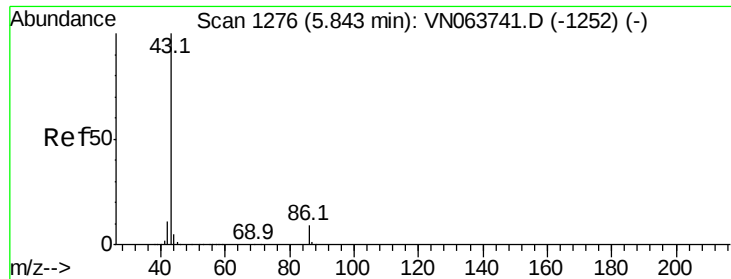
#22
Diisopropyl ether
Concen: 20.023 ug/l
RT: 5.90 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VN063865.D
Acq: 5 Oct 2020 12:57

Tgt Ion: 45 Resp: 208620
Ion Ratio Lower Upper
45 100
43 69.4 53.7 80.5
87 24.5 21.1 31.7
59 11.3 9.2 13.8



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

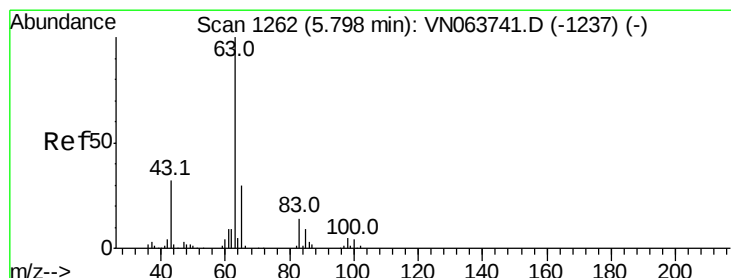
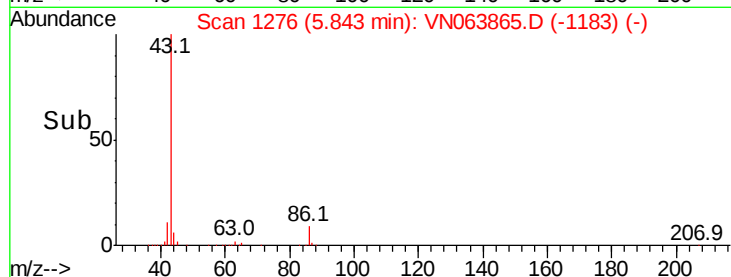
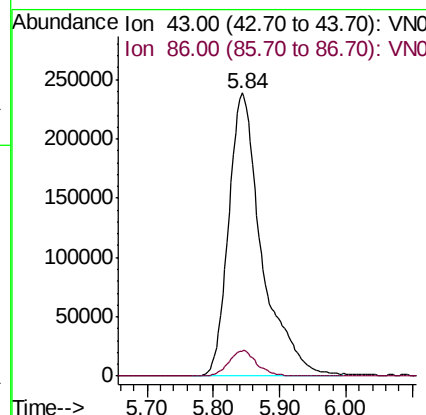
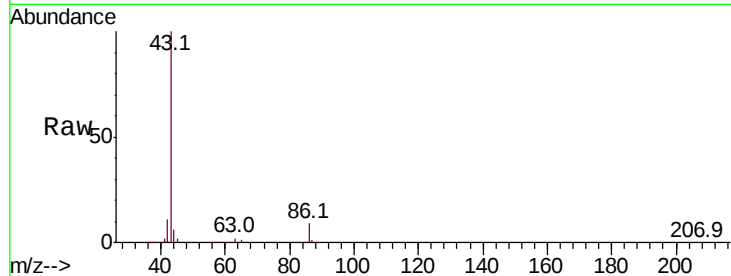




#23
 Vinyl Acetate
 Concen: 96.325 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. 0.00 min
 Lab File: VN063865.D
 Acq: 5 Oct 2020 12:57

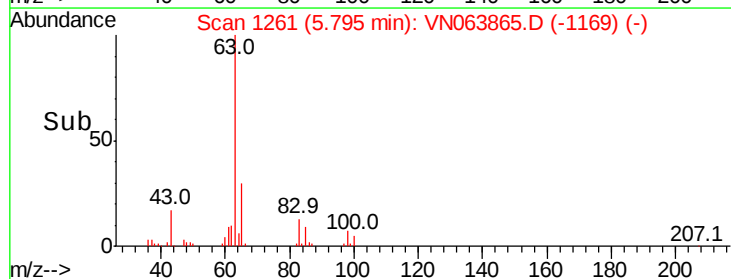
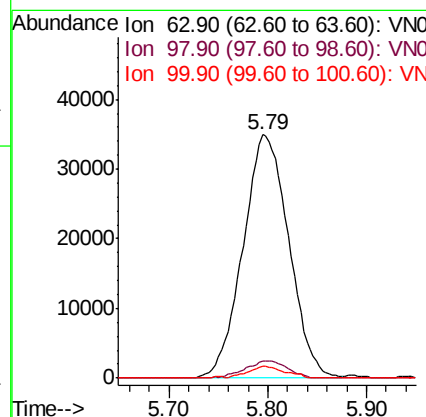
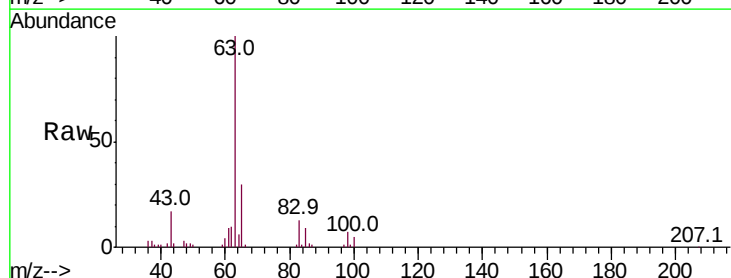
Instrument :
 MSVOA_N
 ClientSampled :
 VN1005MBS01

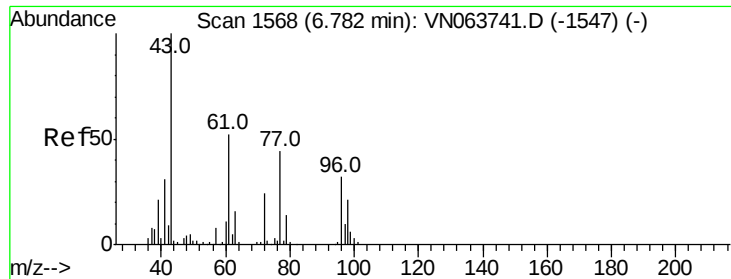
Tot Ion: 43 Resp: 831340
 Ion Ratio Lower Upper
 43 100
 86 9.0 7.3 10.9



#24
 1,1-Dichloroethane
 Concen: 18.837 ug/l
 RT: 5.79 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: VN063865.D
 Acq: 5 Oct 2020 12:57

Tgt Ion: 63 Resp: 112213
 Ion Ratio Lower Upper
 63 100
 98 6.8 2.7 8.1
 100 4.7 1.9 5.7

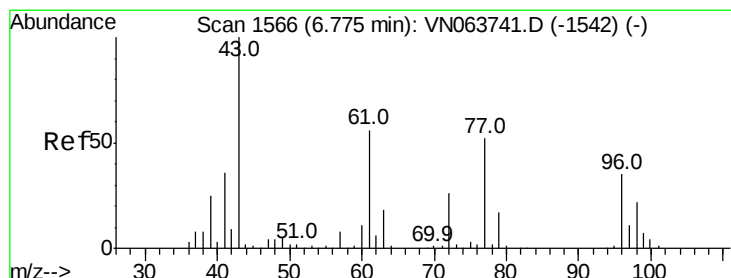
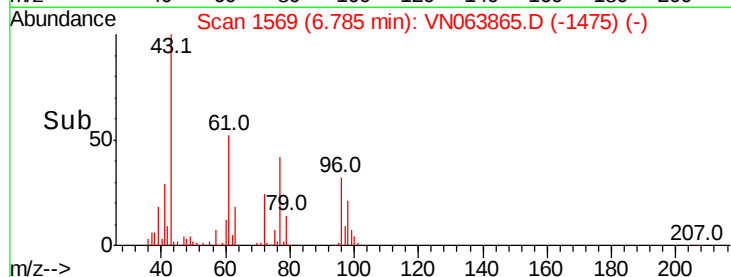
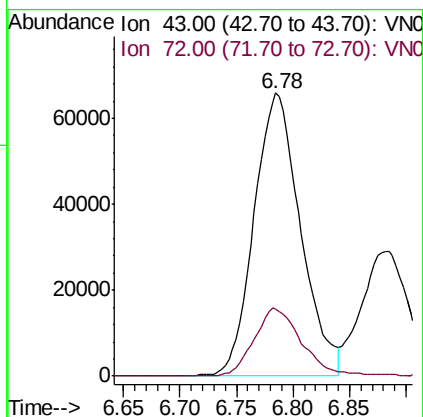
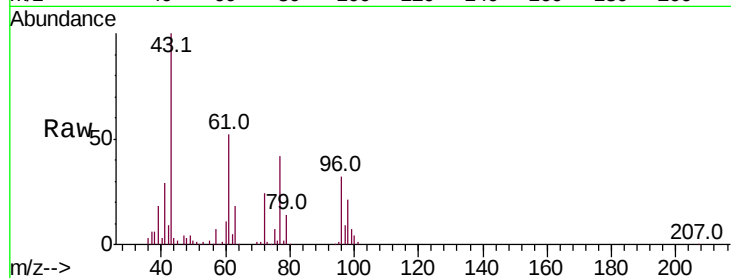




#25
2-Butanone
Concen: 95.529 ug/l
RT: 6.78 min Scan# 1569
Delta R.T. 0.00 min
Lab File: VN063865.D
Acq: 5 Oct 2020 12:57

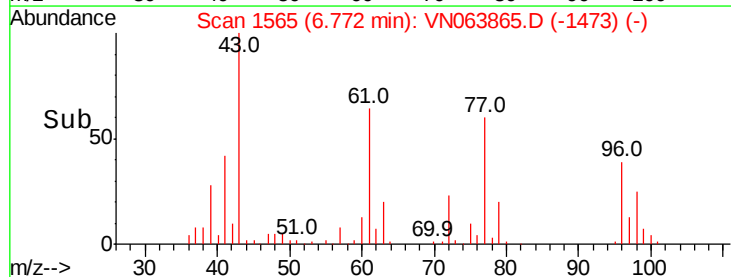
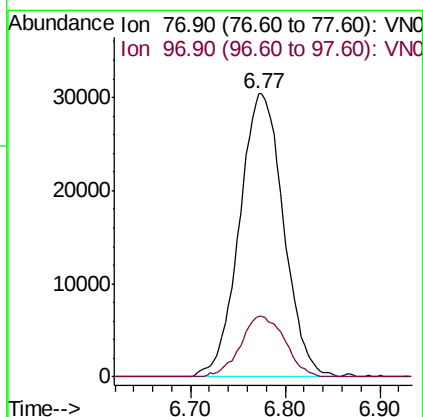
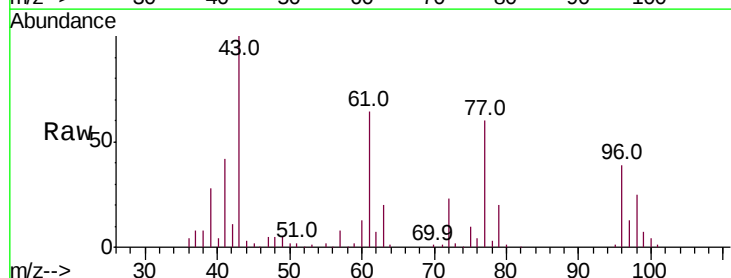
Instrument :
MSVOA_N
ClientSampleId :
VN1005MBS01

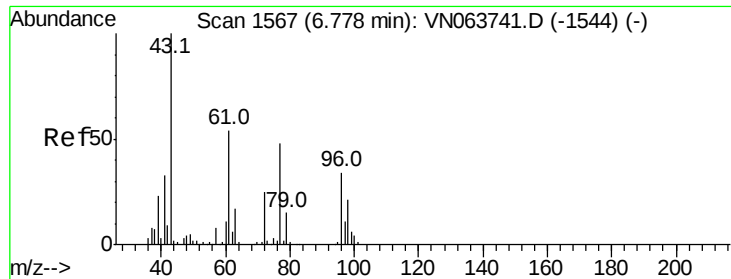
Tot Ion: 43 Resp: 186445
Ion Ratio Lower Upper
43 100
72 23.7 19.3 28.9



#26
2,2-Dichloropropane
Concen: 18.057 ug/l
RT: 6.77 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VN063865.D
Acq: 5 Oct 2020 12:57

Tgt Ion: 77 Resp: 98510
Ion Ratio Lower Upper
77 100
97 21.4 10.8 32.3





#27

cis-1,2-Dichloroethene

Concen: 18.234 ug/l

RT: 6.78 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VN063865.D

Acq: 5 Oct 2020 12:57

Instrument :

MSVOA_N

ClientSampleId :

VN1005MBS01

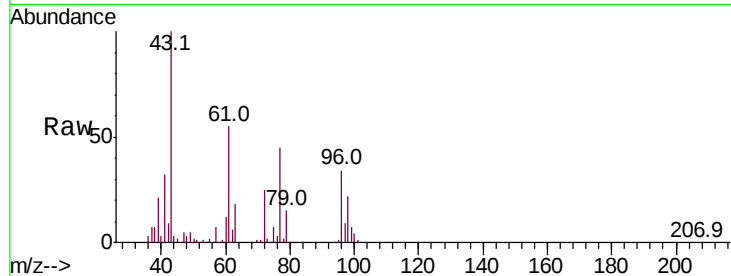
Tot Ion: 96 Resp: 64028

Ion Ratio Lower Upper

96 100

61 164.8 0.0 321.2

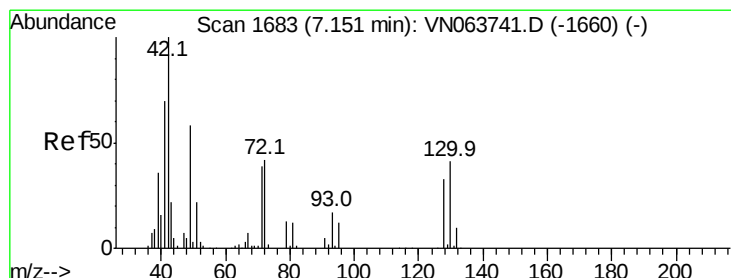
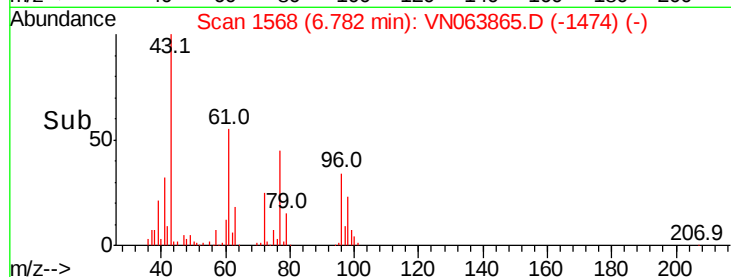
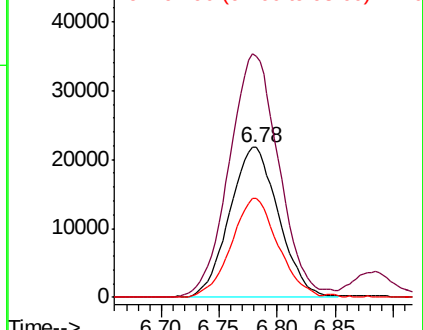
98 63.1 0.0 124.4



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 19.725 ug/l

RT: 7.15 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VN063865.D

Acq: 5 Oct 2020 12:57

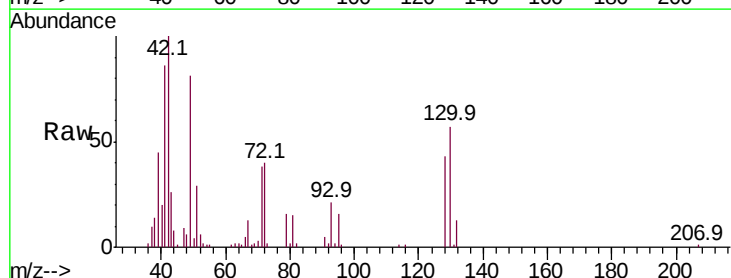
Tgt Ion: 49 Resp: 58077

Ion Ratio Lower Upper

49 100

129 0.4 0.0 4.8

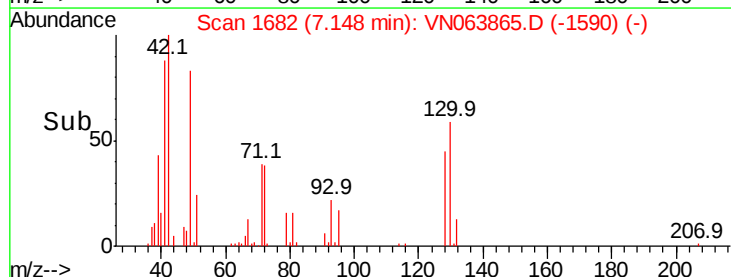
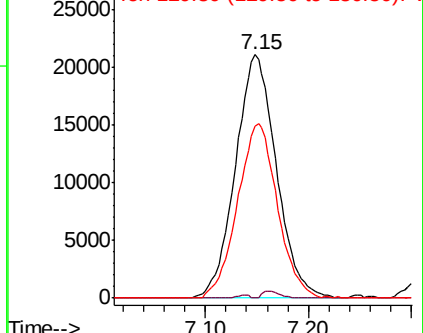
130 69.7 55.6 83.4

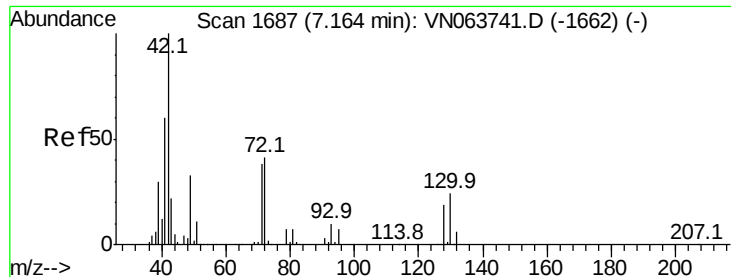


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 92.630 ug/l

RT: 7.16 min Scan# 1686

Delta R.T. -0.00 min

Lab File: VN063865.D

Acq: 5 Oct 2020 12:57

Instrument :

MSVOA_N

ClientSampled :

VN1005MBS01

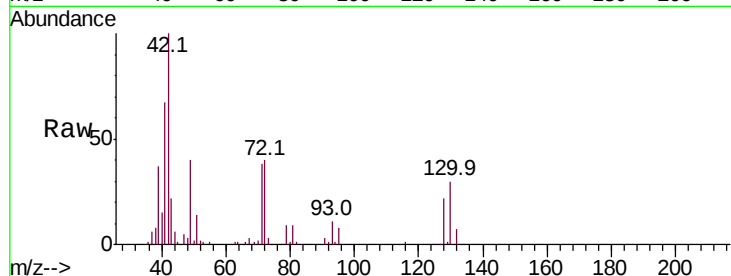
Tot Ion: 42 Resp: 121252

Ion Ratio Lower Upper

42 100

72 39.9 32.8 49.2

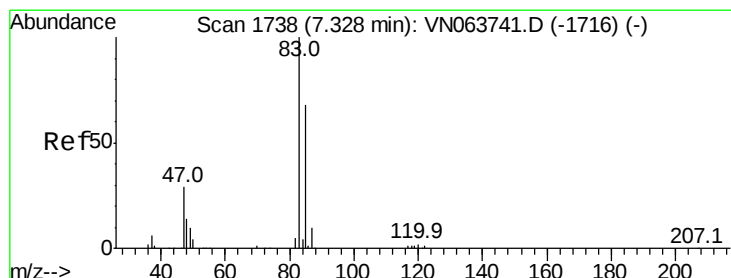
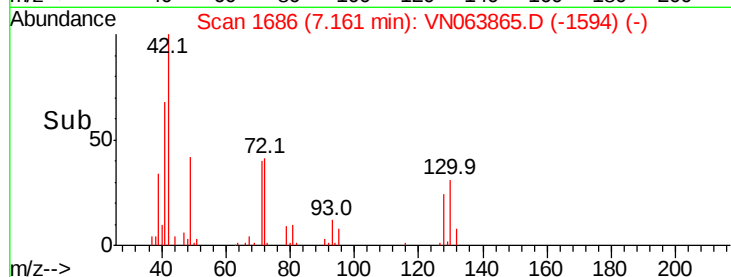
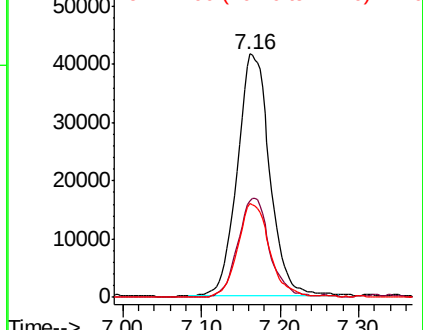
71 37.7 30.6 45.8



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 19.265 ug/l

RT: 7.33 min Scan# 1738

Delta R.T. 0.00 min

Lab File: VN063865.D

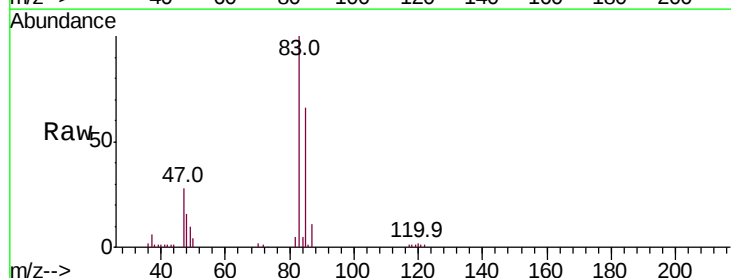
Acq: 5 Oct 2020 12:57

Tgt Ion: 83 Resp: 119662

Ion Ratio Lower Upper

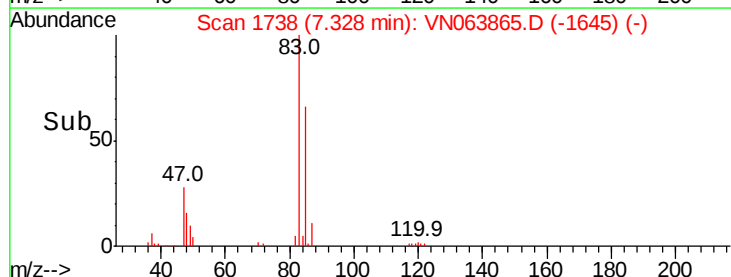
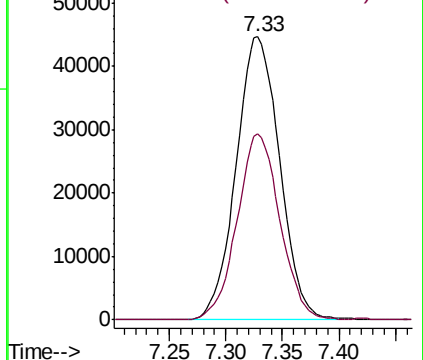
83 100

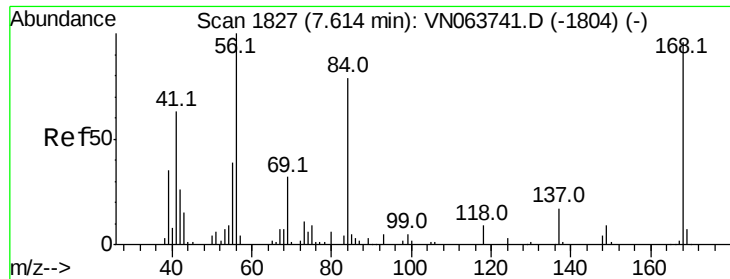
85 65.8 54.6 82.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

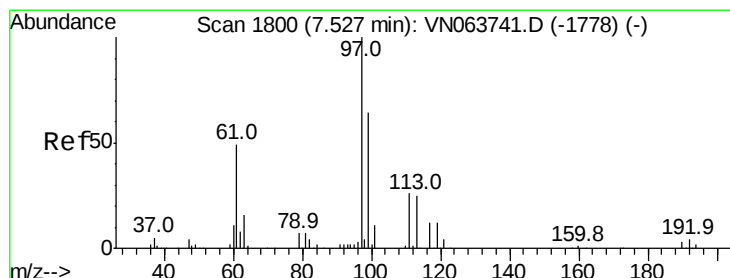
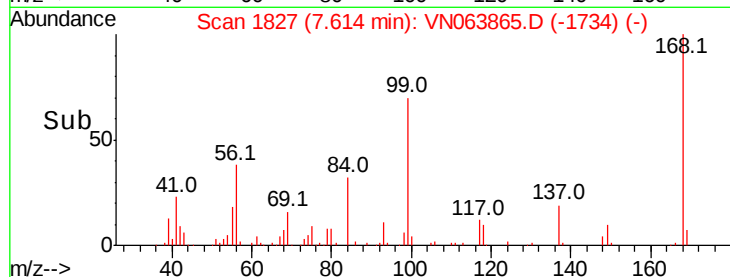
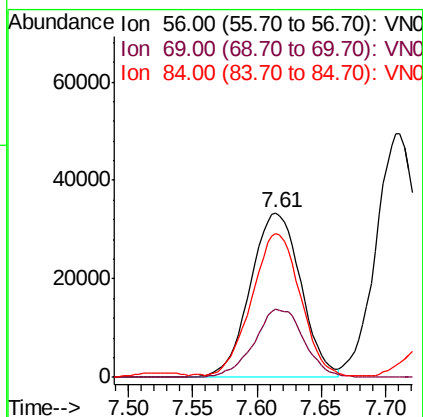
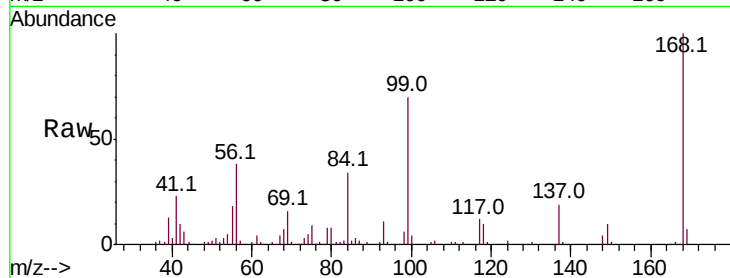




#31
Cyclohexane
Concen: 17.558 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN063865.D
Acq: 5 Oct 2020 12:57

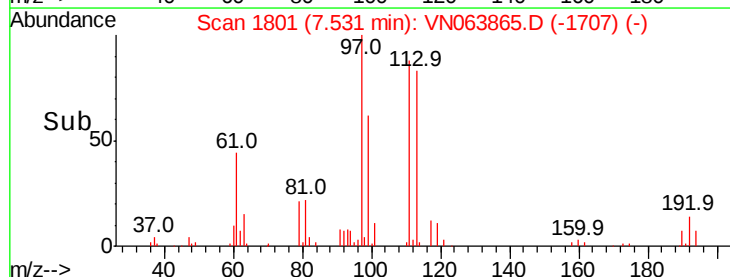
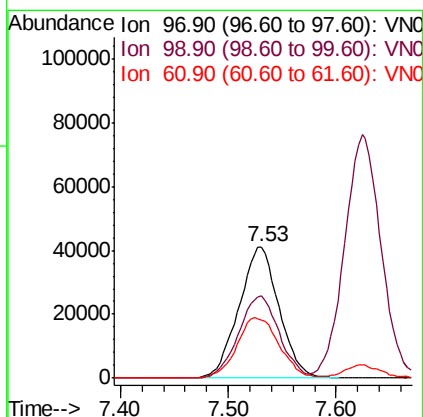
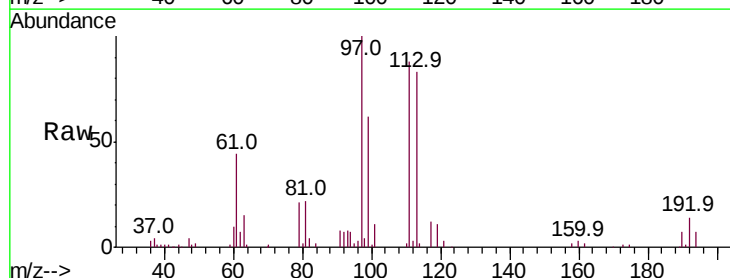
Instrument :
MSVOA_N
ClientSampleId :
VN1005MBS01

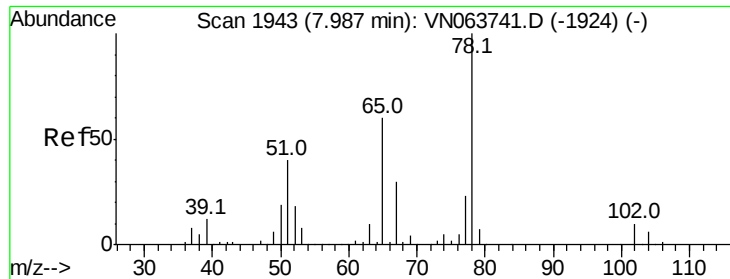
Tot Ion: 56 Resp: 91157
Ion Ratio Lower Upper
56 100
69 41.4 25.4 38.2#
84 85.9 63.3 94.9



#32
1,1,1-Trichloroethane
Concen: 18.980 ug/l
RT: 7.53 min Scan# 1801
Delta R.T. 0.00 min
Lab File: VN063865.D
Acq: 5 Oct 2020 12:57

Tgt Ion: 97 Resp: 106337
Ion Ratio Lower Upper
97 100
99 63.2 51.0 76.6
61 48.6 38.7 58.1

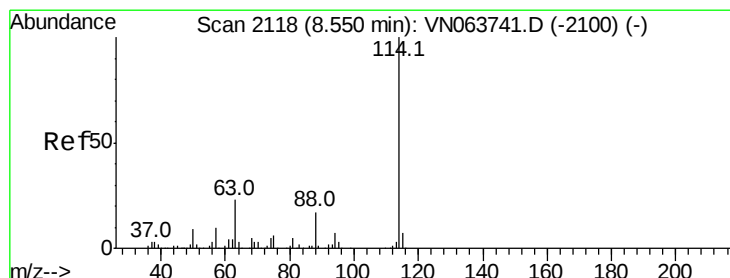
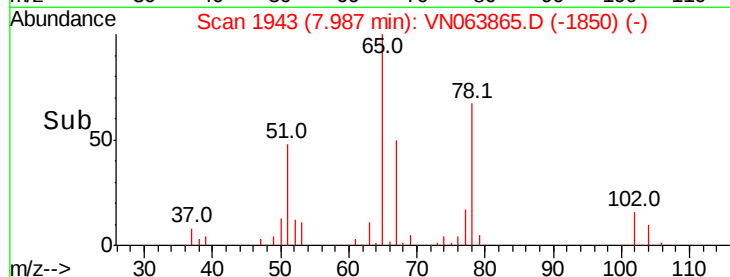
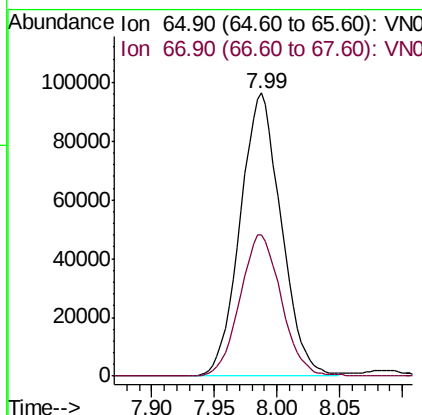
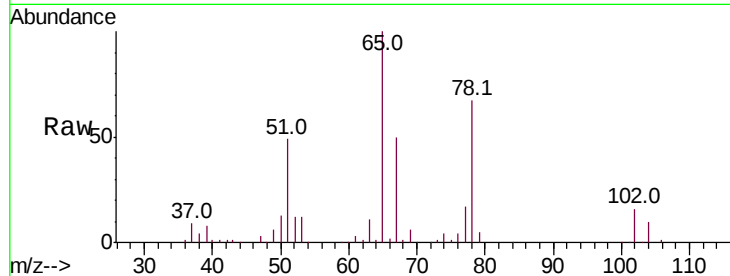




#33
 1,2-Dichloroethane-d4
 Concen: 49.095 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN063865.D
 Acq: 5 Oct 2020 12:57

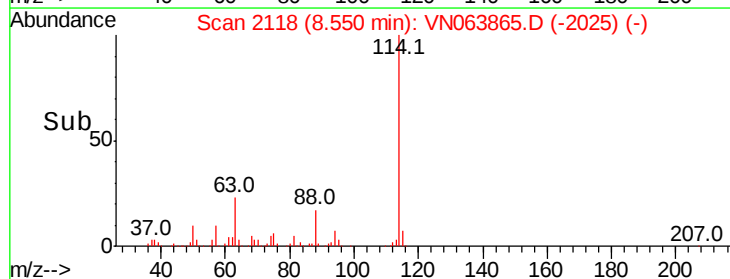
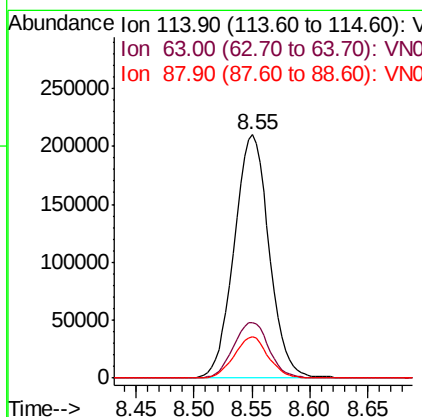
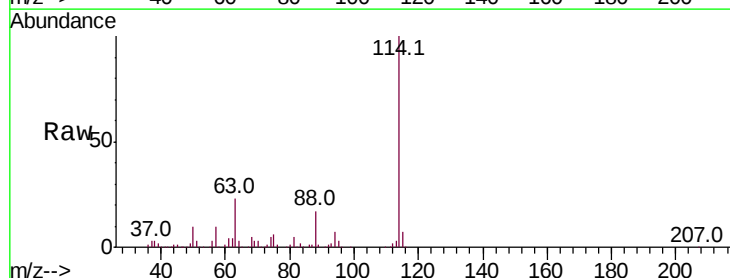
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1005MBS01

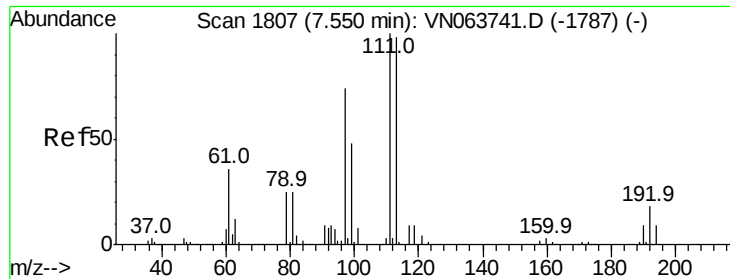
Tot Ion: 65 Resp: 21952
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063865.D
 Acq: 5 Oct 2020 12:57

Tgt Ion: 114 Resp: 439139
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 45.0
 88 17.2 0.0 34.0

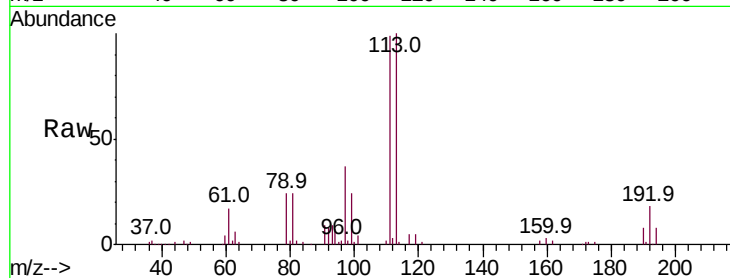




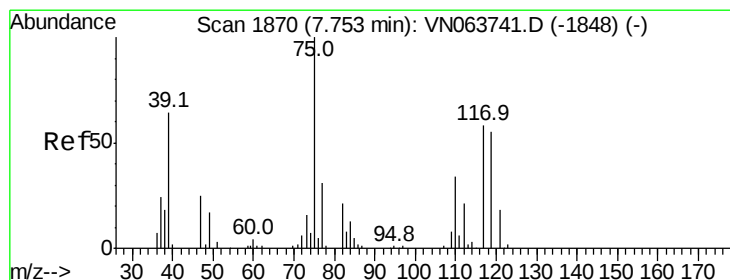
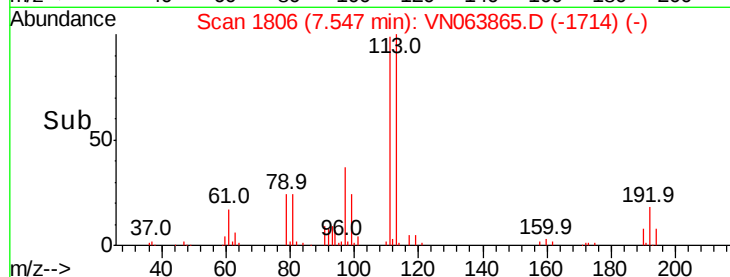
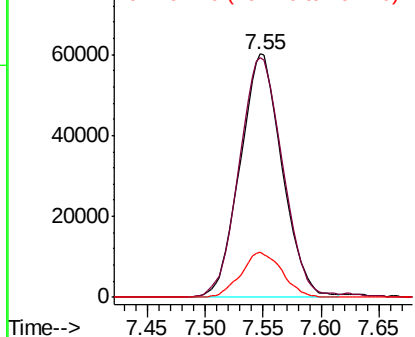
#35
Dibromofluoromethane
Concen: 49.714 ug/l
RT: 7.55 min Scan# 1806
Delta R.T. -0.00 min
Lab File: VN063865.D
Acq: 5 Oct 2020 12:57

Instrument :
MSVOA_N
ClientSampleId :
VN1005MBS01

Tot Ion:113 Resp: 151484
Ion Ratio Lower Upper
113 100
111 101.8 81.8 122.8
192 18.0 14.2 21.2

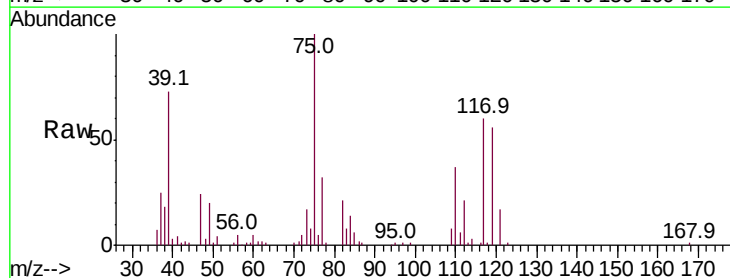


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

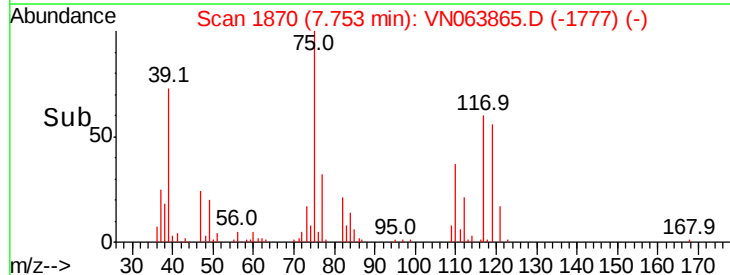
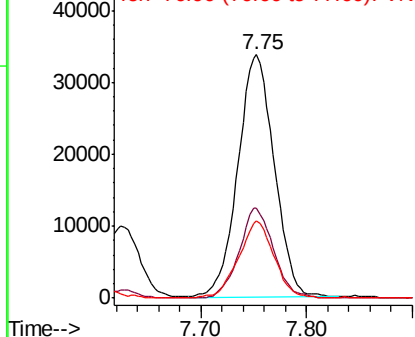


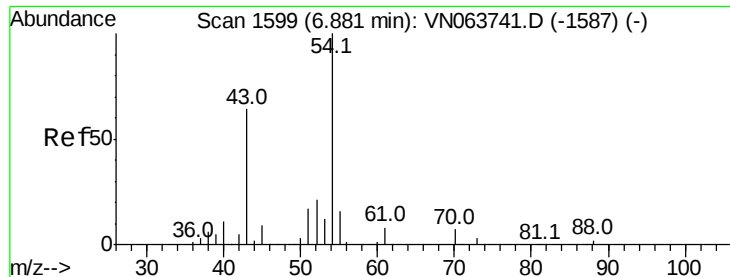
#36
1,1-Dichloropropene
Concen: 18.233 ug/l
RT: 7.75 min Scan# 1870
Delta R.T. 0.00 min
Lab File: VN063865.D
Acq: 5 Oct 2020 12:57

Tgt Ion: 75 Resp: 81119
Ion Ratio Lower Upper
75 100
110 34.9 16.9 50.6
77 30.9 24.5 36.7



Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VN0

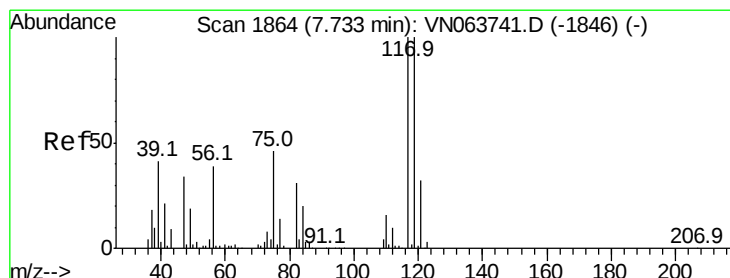
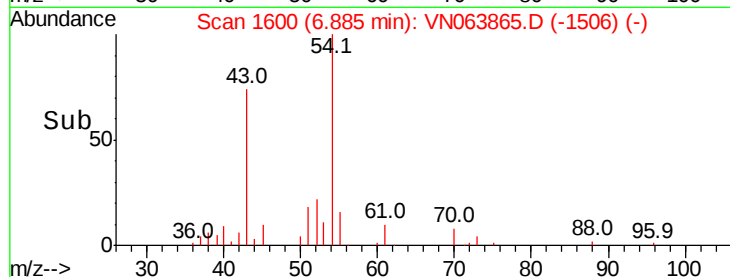
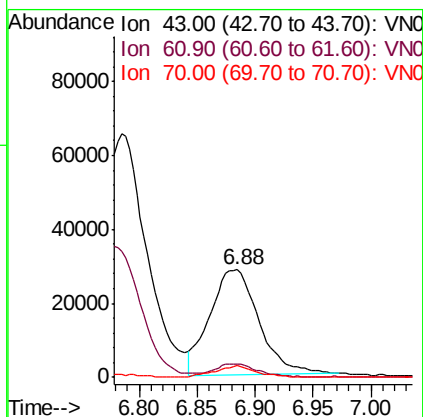
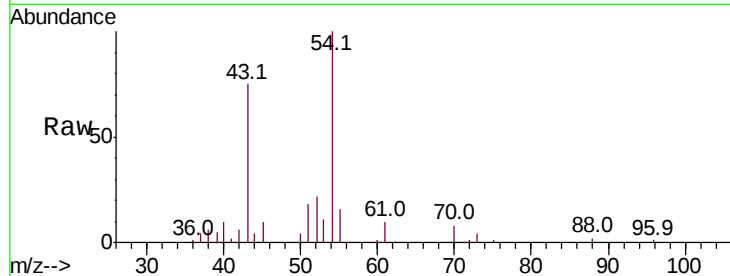




#37
Ethyl Acetate
Concen: 18.904 ug/l
RT: 6.88 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VN063865.D
Acq: 5 Oct 2020 12:57

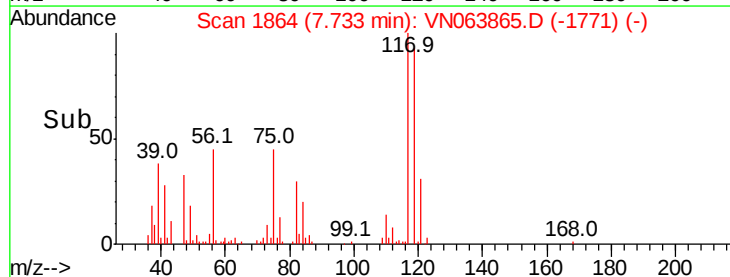
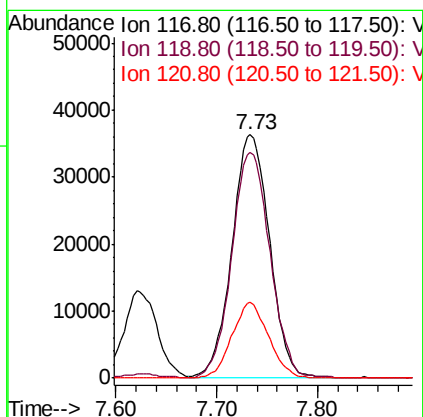
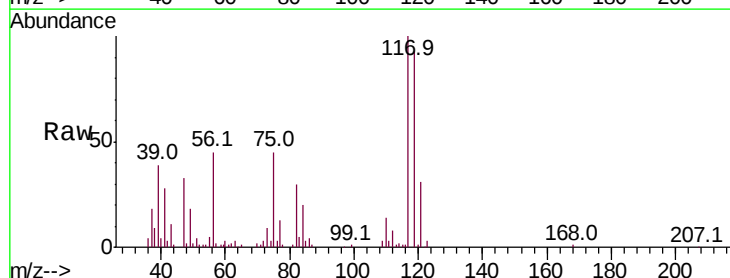
Instrument :
MSVOA_N
ClientSampled :
VN1005MBS01

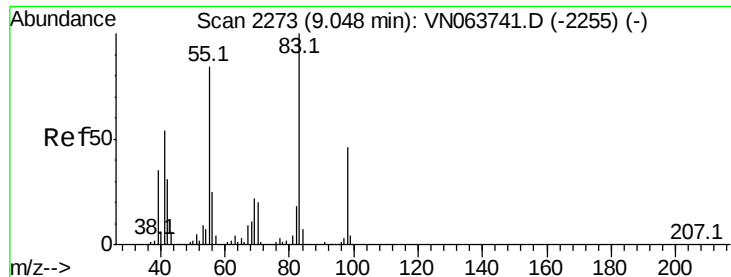
Tot Ion: 43 Resp: 83558
Ion Ratio Lower Upper
43 100
61 12.1 10.4 15.6
70 9.1 7.3 10.9



#38
Carbon Tetrachloride
Concen: 18.891 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN063865.D
Acq: 5 Oct 2020 12:57

Tgt Ion: 117 Resp: 94241
Ion Ratio Lower Upper
117 100
119 92.6 80.1 120.1
121 30.9 25.7 38.5

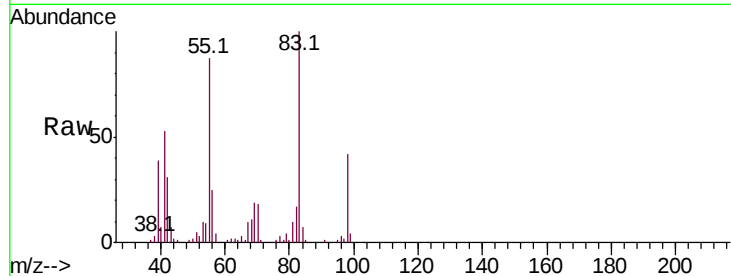




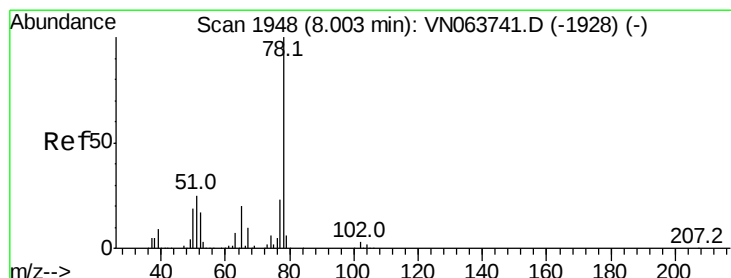
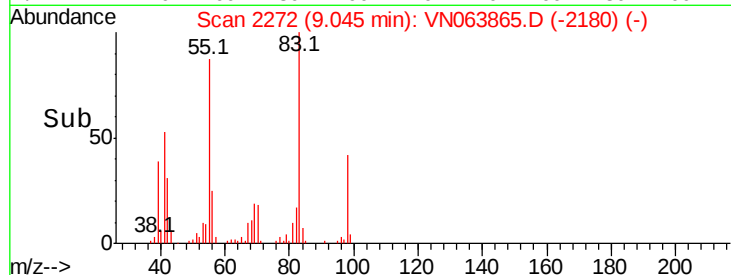
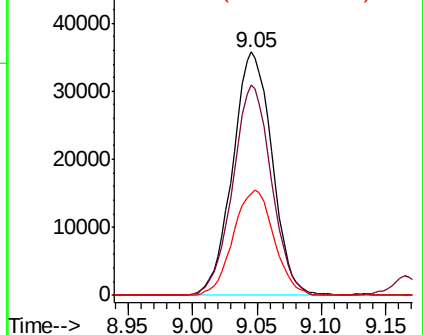
#39
Methvlcvclohexane
Concen: 17.121 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. -0.00 min
Lab File: VN063865.D
Acq: 5 Oct 2020 12:57

Instrument :
MSVOA_N
ClientSampleId :
VN1005MBS01

Tot Ion: 83 Resp: 75958
Ion Ratio Lower Upper
83 100
55 86.6 67.1 100.7
98 41.9 36.6 54.8

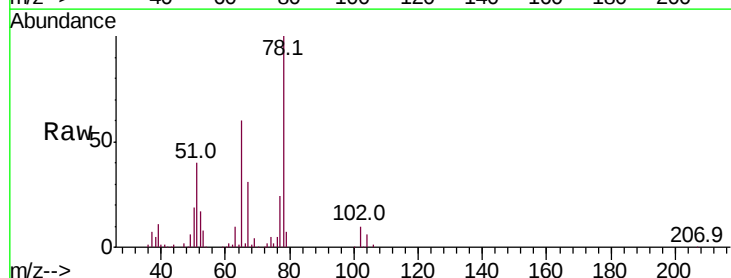


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

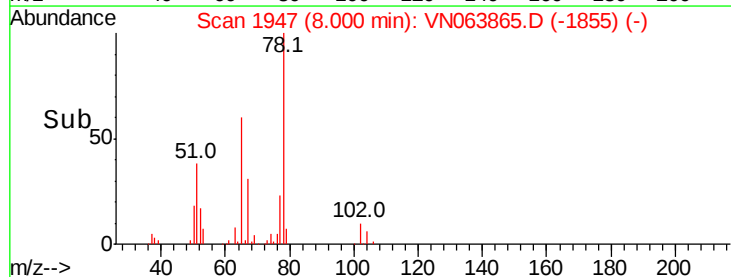
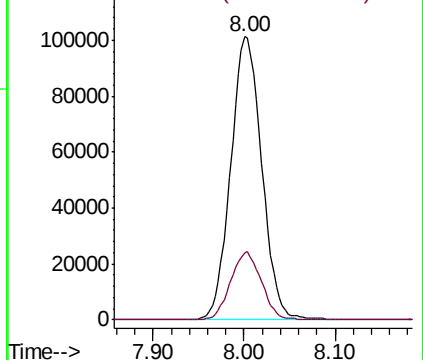


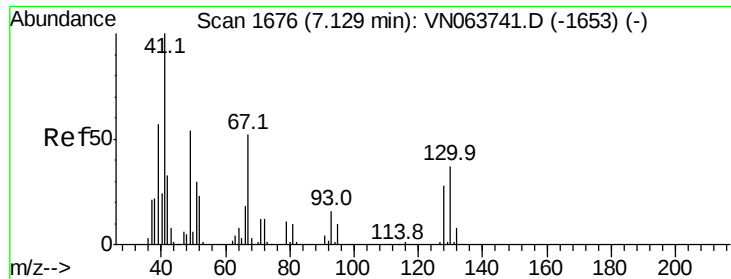
#40
Benzene
Concen: 18.929 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN063865.D
Acq: 5 Oct 2020 12:57

Tgt Ion: 78 Resp: 240535
Ion Ratio Lower Upper
78 100
77 23.6 18.7 28.1



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

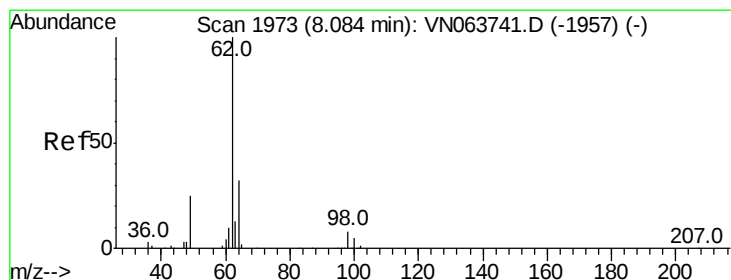
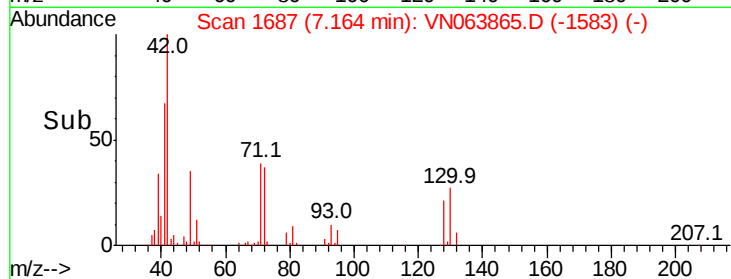
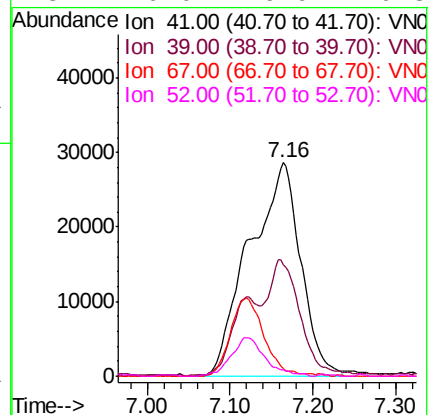
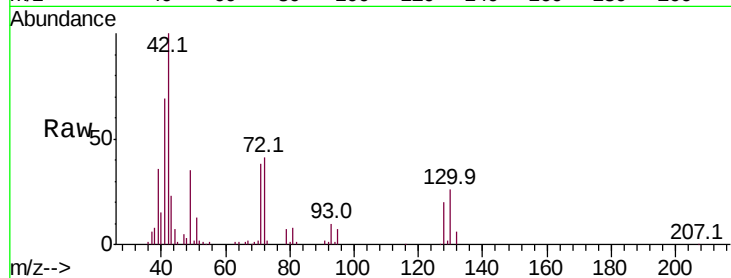




#41
Methacrylonitrile
Concen: 62.644 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. 0.04 min
Lab File: VN063865.D
Acq: 5 Oct 2020 12:57

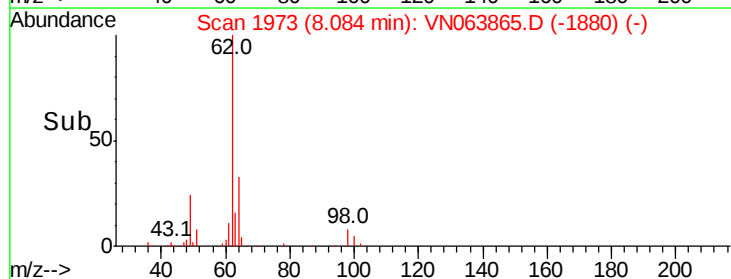
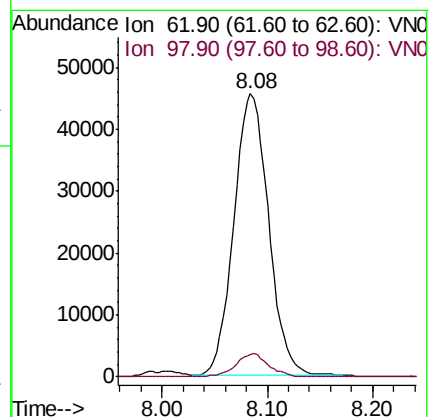
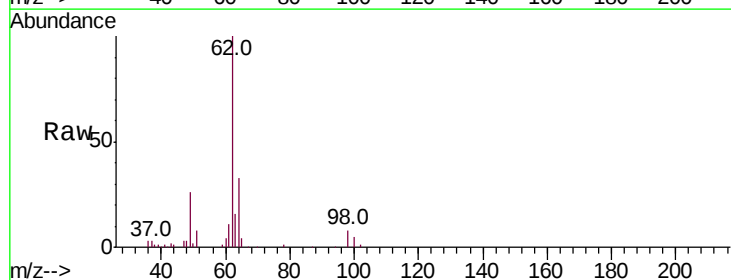
Instrument :
MSVOA_N
ClientSampleId :
VN1005MBS01

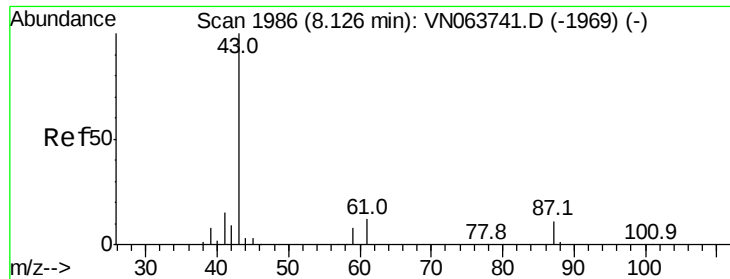
Tot Ion: 41 Resp: 123061
Ion Ratio Lower Upper
41 100
39 31.3 42.5 63.7#
67 0.0 57.4 86.2#
52 0.0 26.9 40.3#



#42
1,2-Dichloroethane
Concen: 19.155 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN063865.D
Acq: 5 Oct 2020 12:57

Tgt Ion: 62 Resp: 103900
Ion Ratio Lower Upper
62 100
98 7.8 0.0 15.0





#43

Isopropyl Acetate

Concen: 19.397 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VN063865.D

Acq: 5 Oct 2020 12:57

Instrument :

MSVOA_N

ClientSampleId :

VN1005MBS01

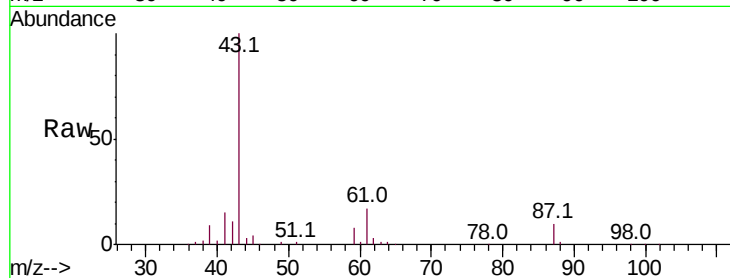
Tot Ion: 43 Resp: 141416

Ion Ratio Lower Upper

43 100

61 17.3 14.2 21.4

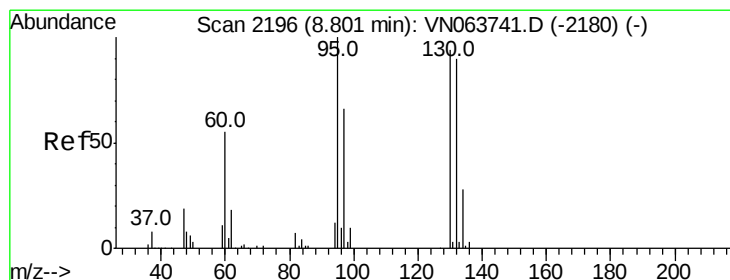
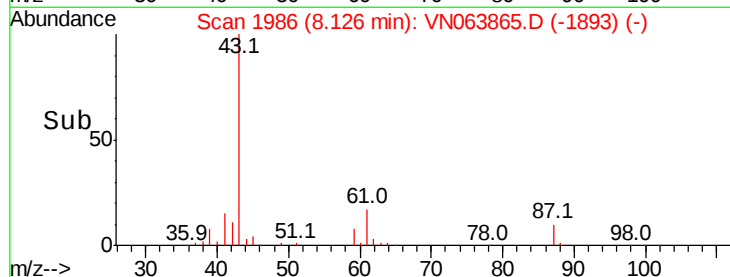
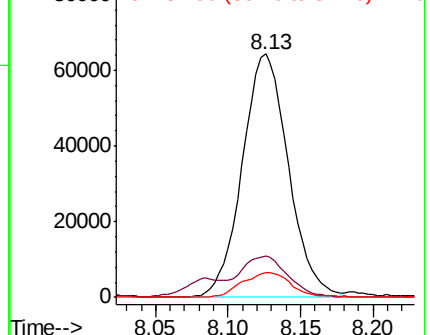
87 10.9 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VN063741.D (-1969) (-)

Ion 61.00 (60.70 to 61.70): VN063741.D (-1969) (-)

Ion 87.00 (86.70 to 87.70): VN063741.D (-1969) (-)



#44

Trichloroethene

Concen: 18.930 ug/l

RT: 8.80 min Scan# 2196

Delta R.T. 0.00 min

Lab File: VN063865.D

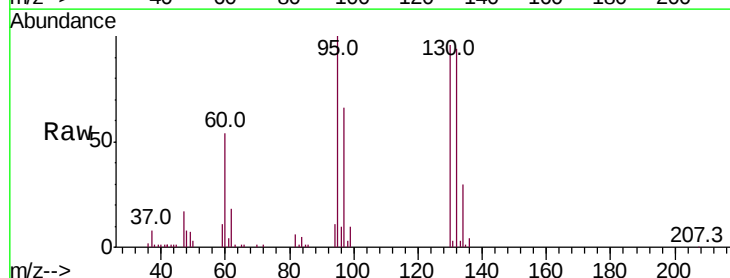
Acq: 5 Oct 2020 12:57

Tgt Ion:130 Resp: 63026

Ion Ratio Lower Upper

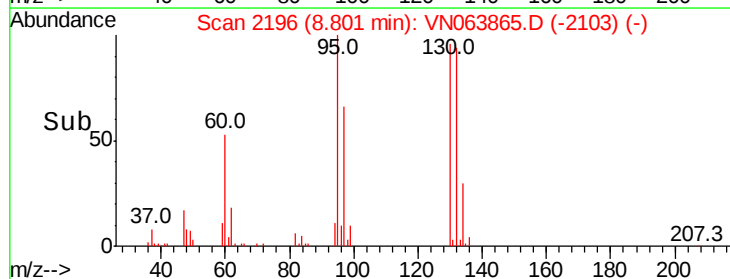
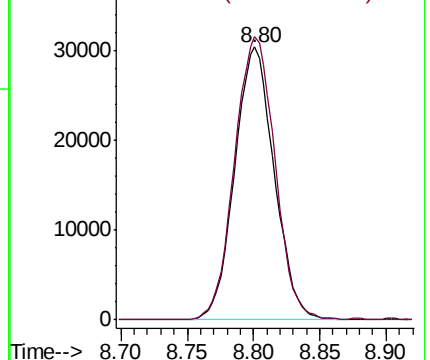
130 100

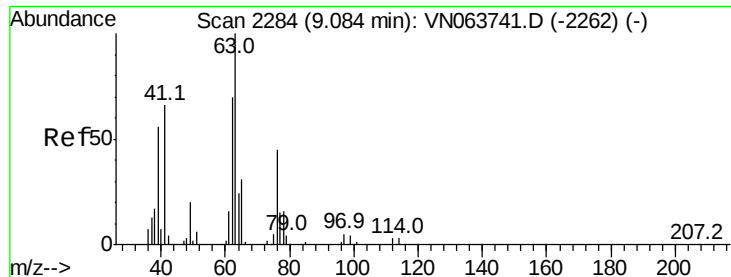
95 103.7 0.0 213.6



Abundance Ion 129.80 (129.50 to 130.50): VN063741.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN063741.D (-2180) (-)

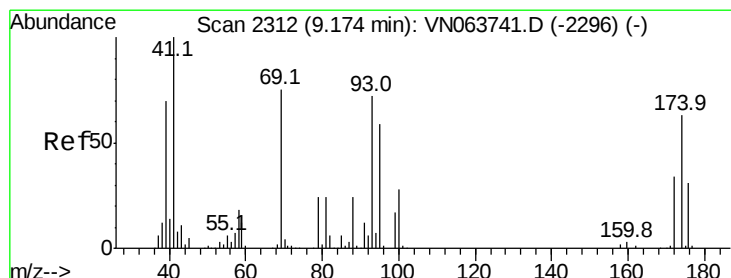
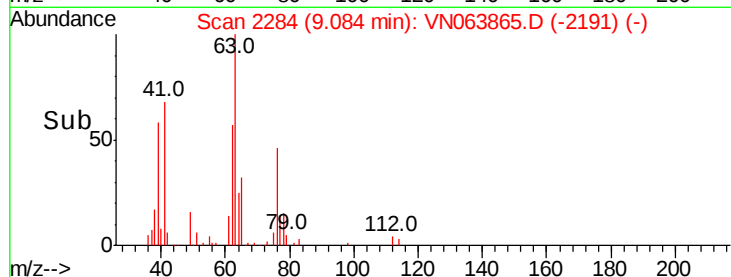
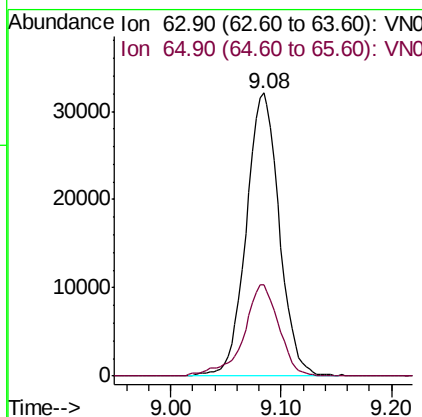
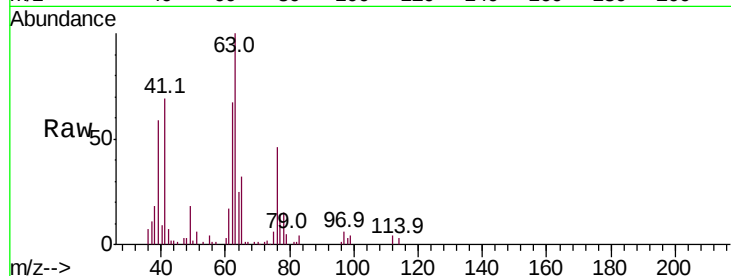




#45
 1,2-Dichloropropane
 Concen: 19.352 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN063865.D
 Acq: 5 Oct 2020 12:57

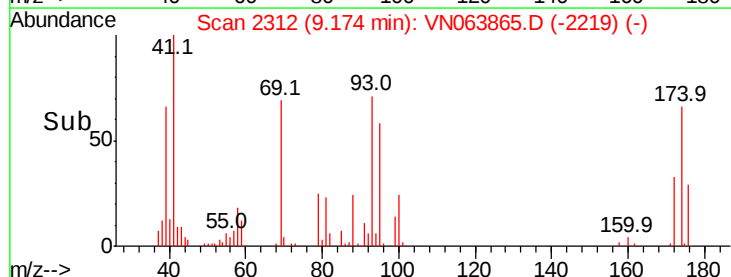
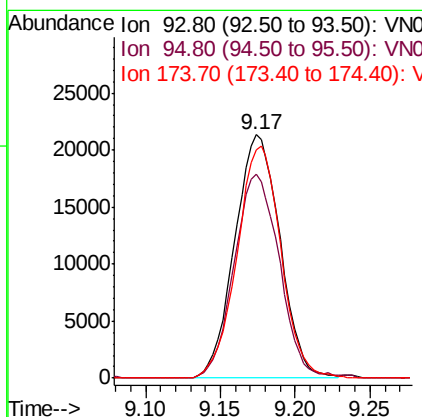
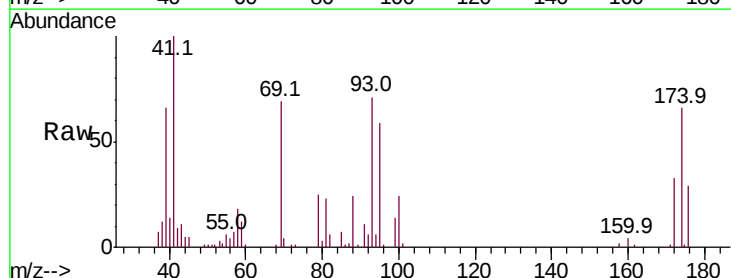
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1005MBS01

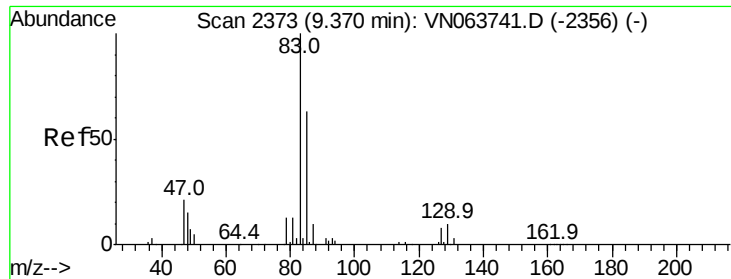
Tot Ion: 63 Resp: 66411
 Ion Ratio Lower Upper
 63 100
 65 32.4 24.7 37.1



#46
 Dibromomethane
 Concen: 18.961 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN063865.D
 Acq: 5 Oct 2020 12:57

Tgt Ion: 93 Resp: 44889
 Ion Ratio Lower Upper
 93 100
 95 84.0 66.3 99.5
 174 92.7 72.7 109.1





#47

Bromodichloromethane

Concen: 19.731 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN063865.D

Acq: 5 Oct 2020 12:57

Instrument :

MSVOA_N

ClientSampleId :

VN1005MBS01

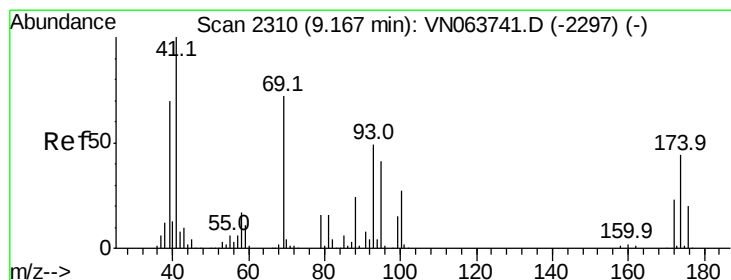
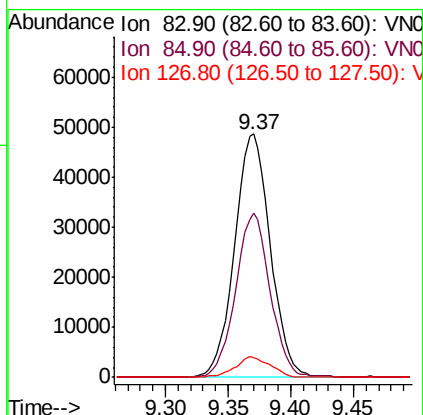
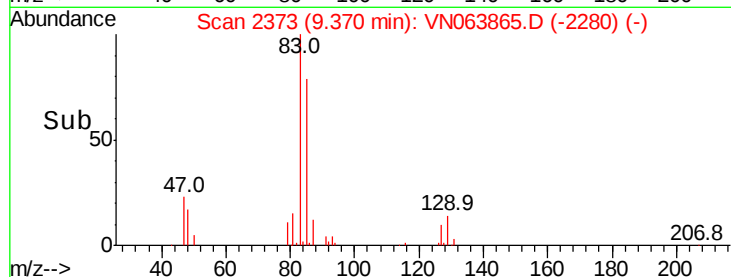
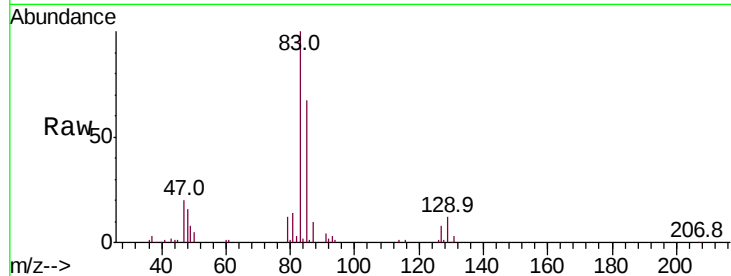
Tot Ion: 83 Resp: 96271

Ion Ratio Lower Upper

83 100

85 67.3 50.6 75.8

127 8.3 6.6 9.8



#48

Methyl methacrylate

Concen: 19.369 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN063865.D

Acq: 5 Oct 2020 12:57

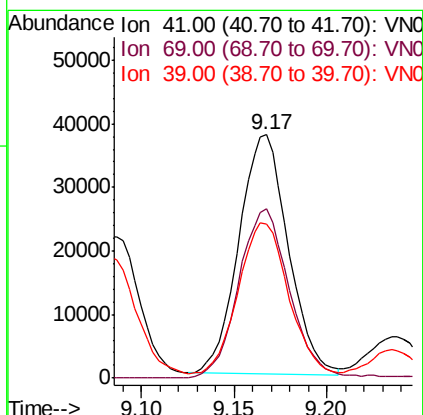
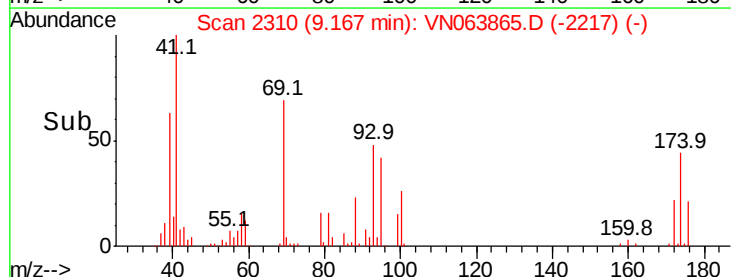
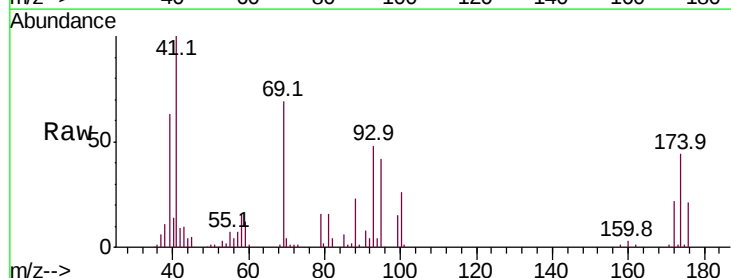
Tgt Ion: 41 Resp: 69767

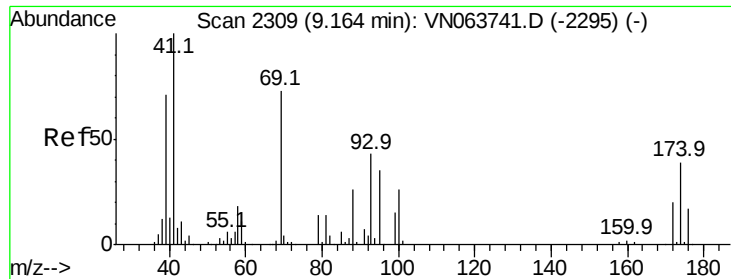
Ion Ratio Lower Upper

41 100

69 72.7 60.9 91.3

39 67.1 57.5 86.3





#49

1,4-Dioxane

Concen: 366.182 ug/l

RT: 9.16 min Scan# 2308

Delta R.T. -0.00 min

Lab File: VN063865.D

Acq: 5 Oct 2020 12:57

Instrument :

MSVOA_N

ClientSampleId :

VN1005MBS01

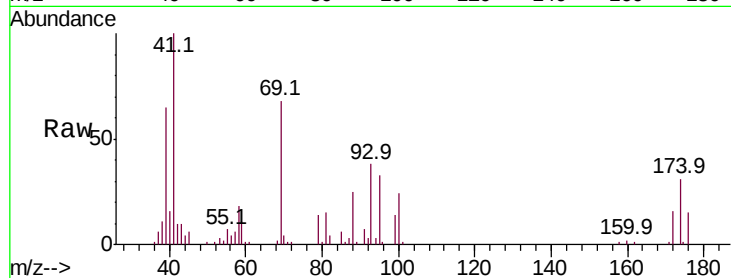
Tot Ion: 88 Resp: 18746

Ion Ratio Lower Upper

88 100

43 40.7 33.1 49.7

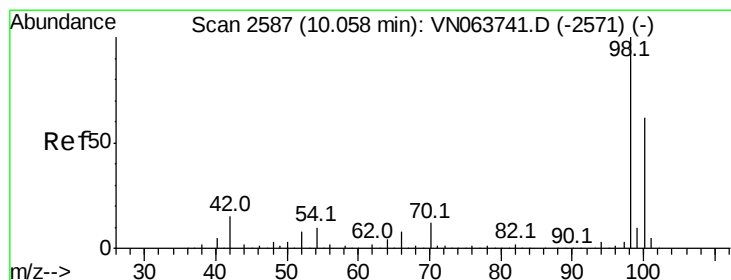
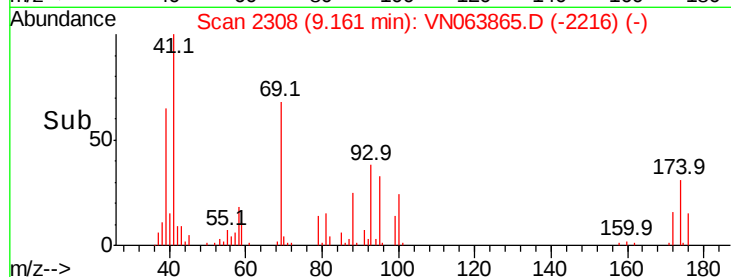
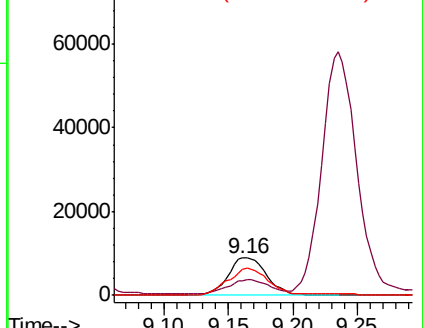
58 76.1 58.9 88.3



Abundance Ion 88.00 (87.70 to 88.70): VN063741.D (-2295) (-)

Ion 43.00 (42.70 to 43.70): VN063741.D (-2295) (-)

Ion 58.00 (57.70 to 58.70): VN063741.D (-2295) (-)



#50

Toluene-d8

Concen: 47.601 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN063865.D

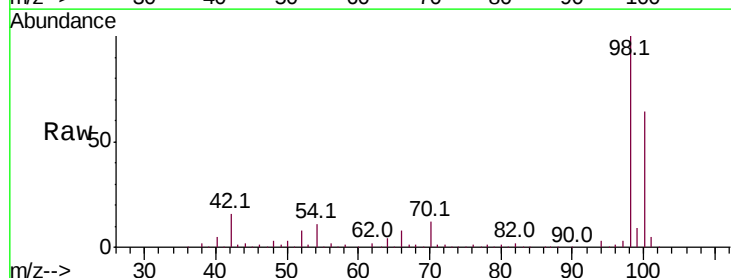
Acq: 5 Oct 2020 12:57

Tgt Ion: 98 Resp: 549845

Ion Ratio Lower Upper

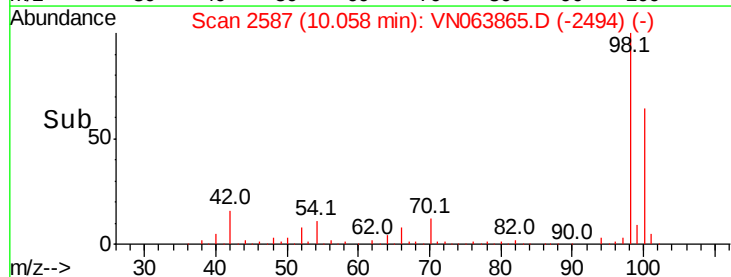
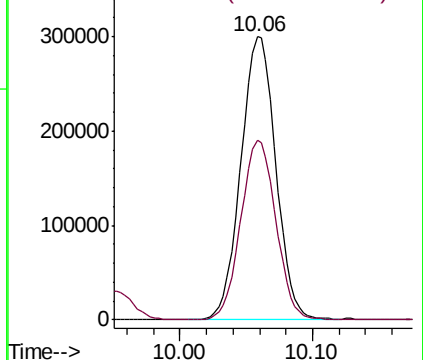
98 100

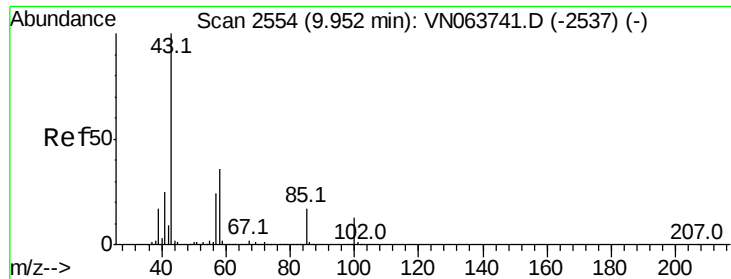
100 63.4 49.8 74.6



Abundance Ion 98.00 (97.70 to 98.70): VN063741.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN063741.D (-2571) (-)





#51

4-Methyl-2-Pentanone

Concen: 98.547 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN063865.D

Acq: 5 Oct 2020 12:57

Instrument :

MSVOA_N

ClientSampled :

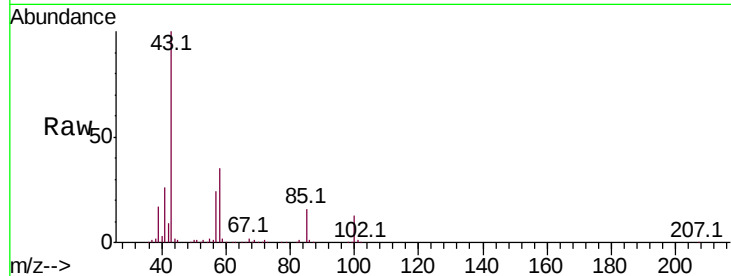
VN1005MBS01

Tot Ion: 43 Resp: 421634

Ion Ratio Lower Upper

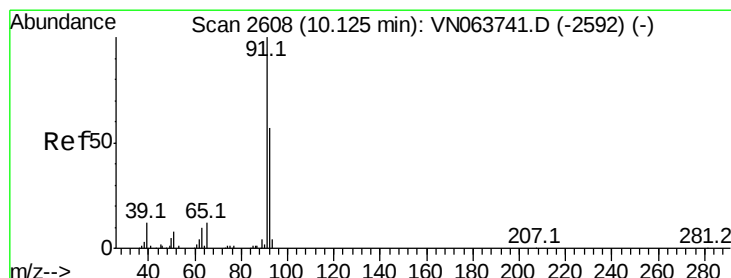
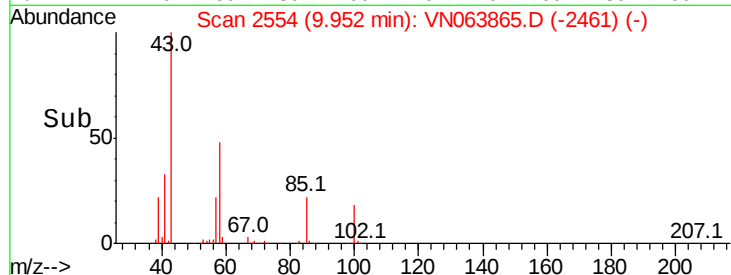
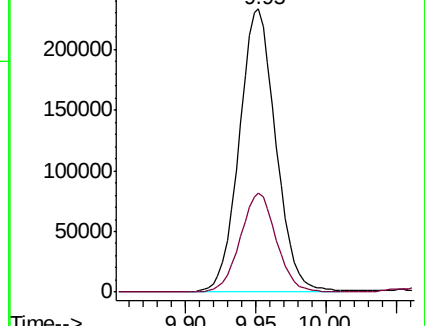
43 100

58 34.5 28.4 42.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 19.417 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN063865.D

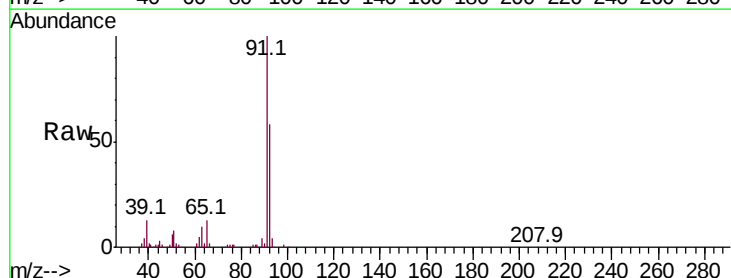
Acq: 5 Oct 2020 12:57

Tgt Ion: 92 Resp: 152618

Ion Ratio Lower Upper

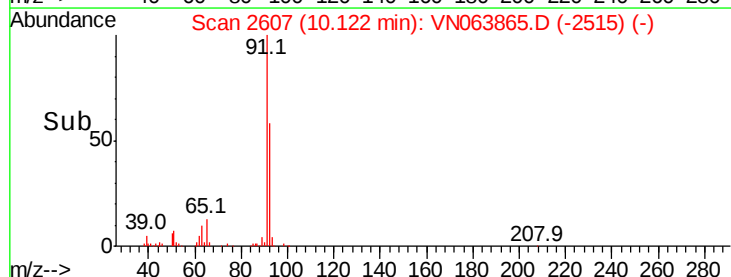
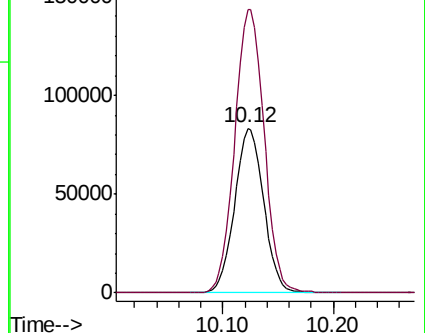
92 100

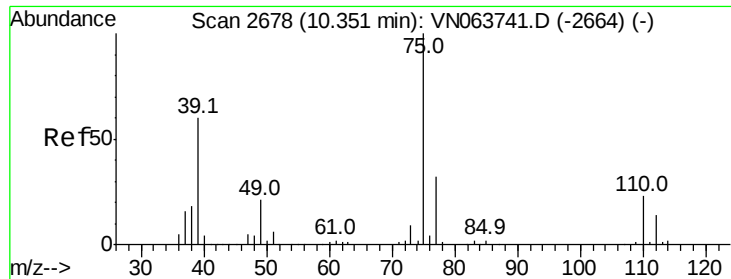
91 173.6 140.6 210.8



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

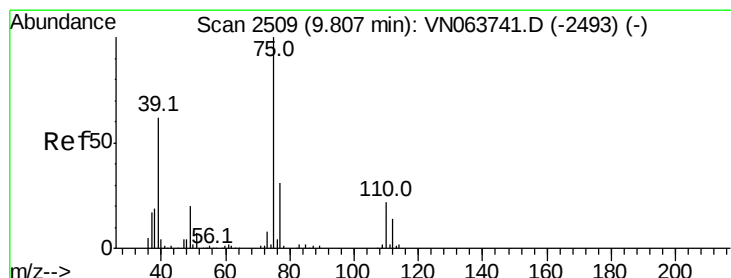
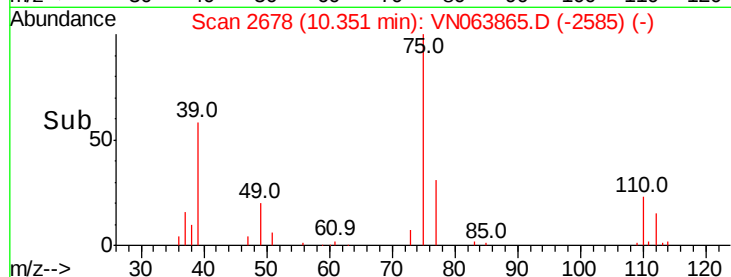
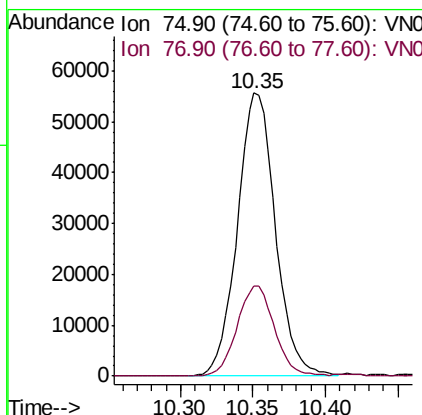
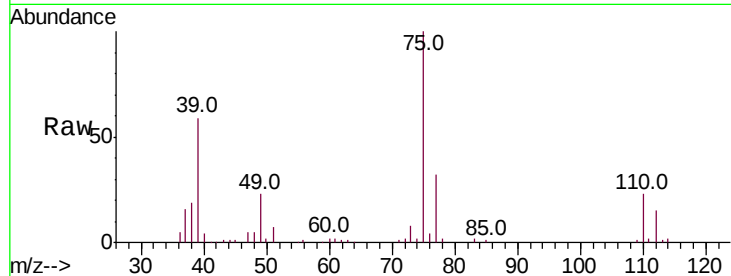




#53
t-1,3-Dichloropropene
Concen: 19.386 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. 0.00 min
Lab File: VN063865.D
Acq: 5 Oct 2020 12:57

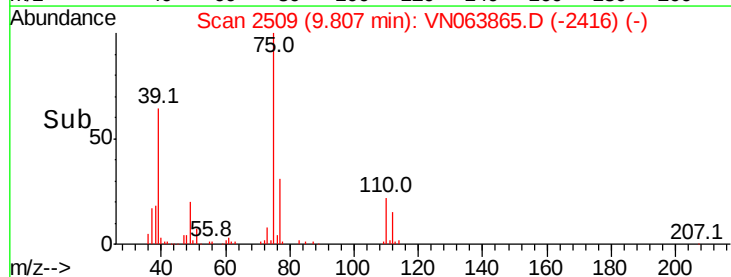
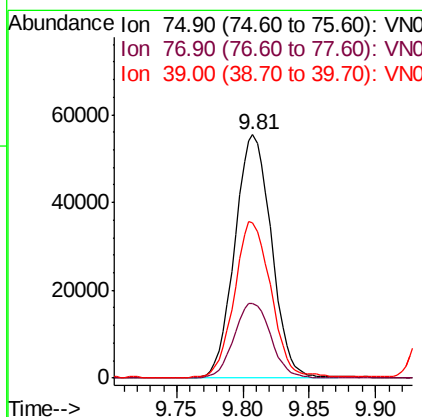
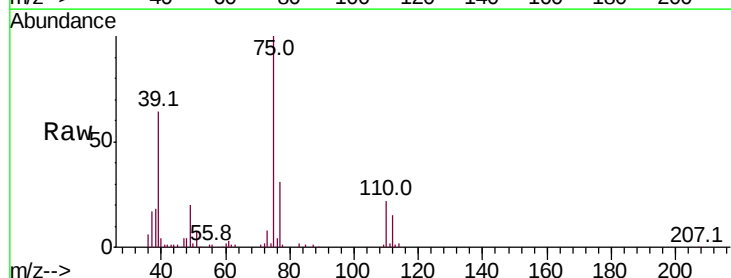
Instrument :
MSVOA_N
ClientSampleId :
VN1005MBS01

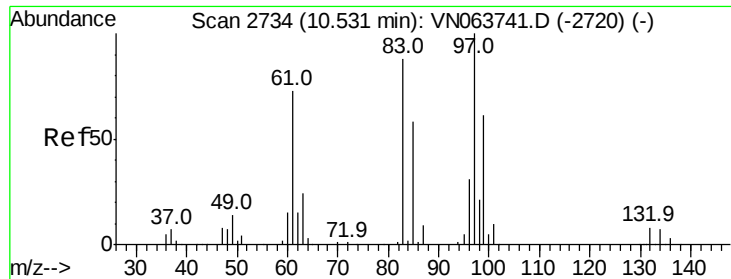
Tot Ion: 75 Resp: 101392
Ion Ratio Lower Upper
75 100
77 31.8 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 19.514 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN063865.D
Acq: 5 Oct 2020 12:57

Tgt Ion: 75 Resp: 106737
Ion Ratio Lower Upper
75 100
77 30.7 24.6 36.8
39 63.4 49.7 74.5

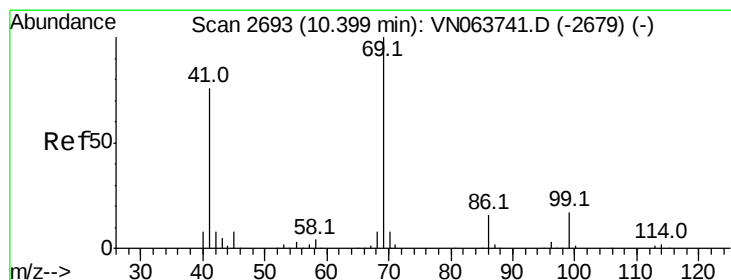
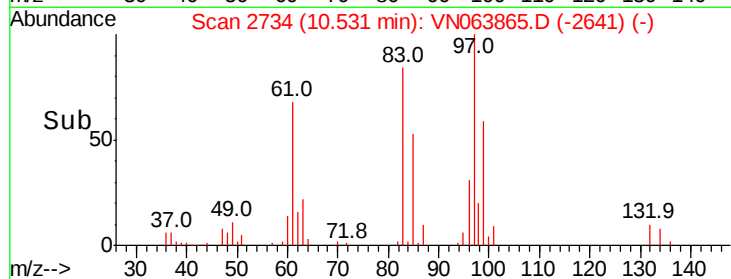
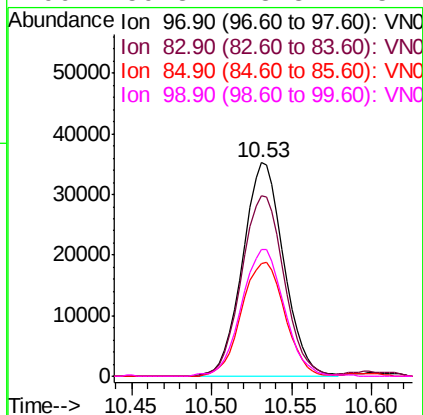
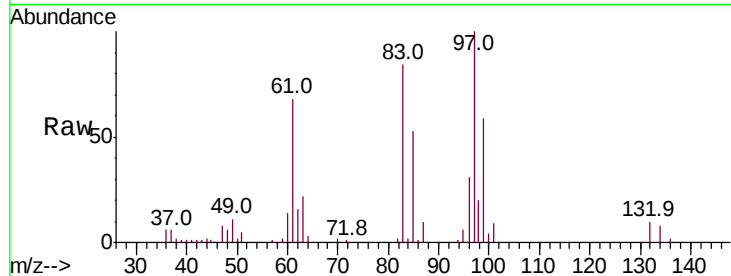




#55
 1,1,2-Trichloroethane
 Concen: 19.633 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN063865.D
 Acq: 5 Oct 2020 12:57

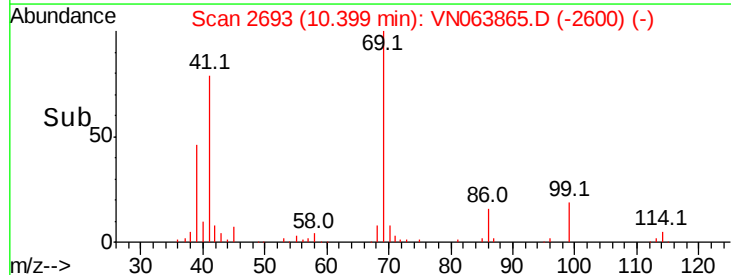
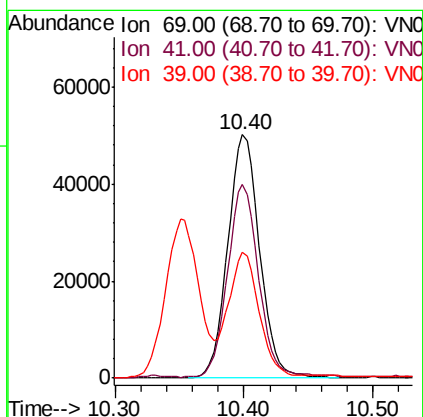
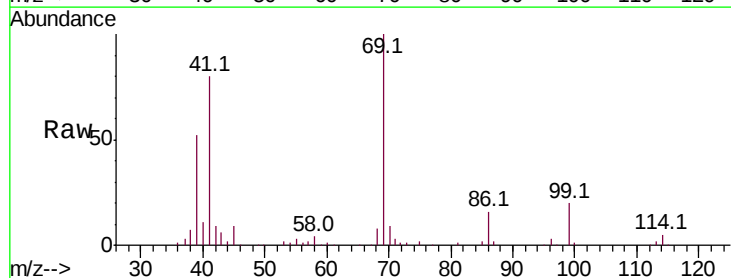
Instrument :
 MSVOA_N
 ClientSampled :
 VN1005MBS01

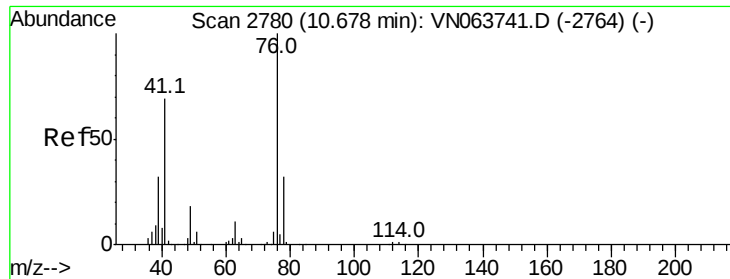
Tot Ion: 97 Resp: 61885
 Ion Ratio Lower Upper
 97 100
 83 84.4 70.7 106.1
 85 53.0 46.1 69.1
 99 59.3 48.8 73.2



#56
 Ethyl methacrylate
 Concen: 19.234 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN063865.D
 Acq: 5 Oct 2020 12:57

Tgt Ion: 69 Resp: 85936
 Ion Ratio Lower Upper
 69 100
 41 77.4 61.1 91.7
 39 49.8 42.2 63.4





#57

1,3-Dichloropropane

Concen: 20.221 ug/l

RT: 10.68 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN063865.D

Acq: 5 Oct 2020 12:57

Instrument :

MSVOA_N

ClientSampleId :

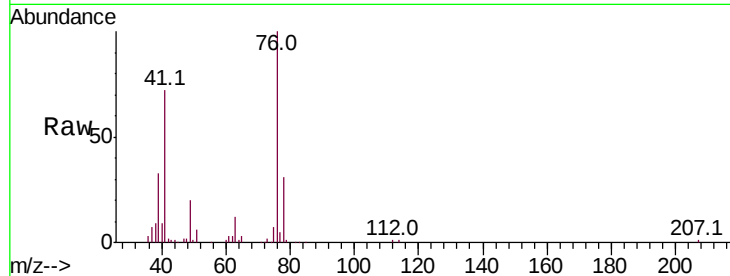
VN1005MBS01

Tot Ion: 76 Resp: 107834

Ion Ratio Lower Upper

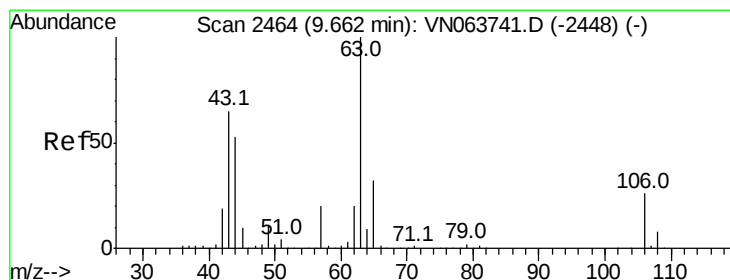
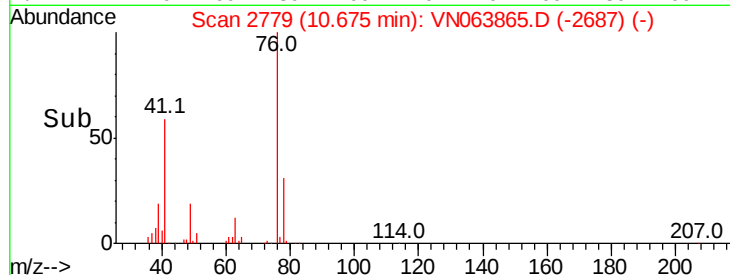
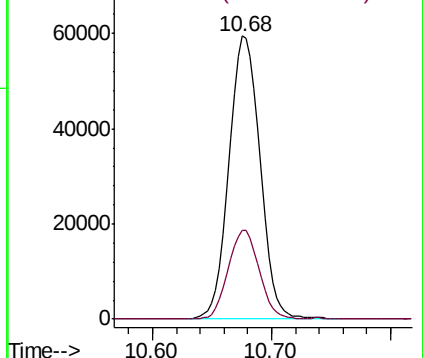
76 100

78 31.3 25.2 37.8



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 92.475 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN063865.D

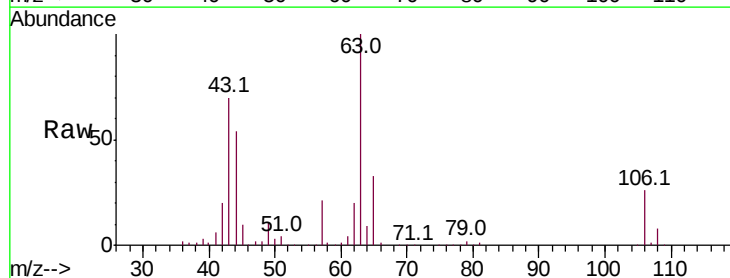
Acq: 5 Oct 2020 12:57

Tgt Ion: 63 Resp: 221011

Ion Ratio Lower Upper

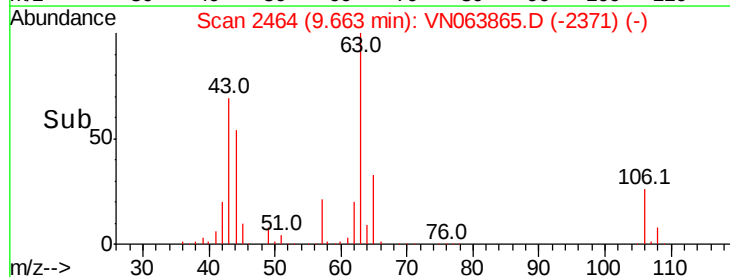
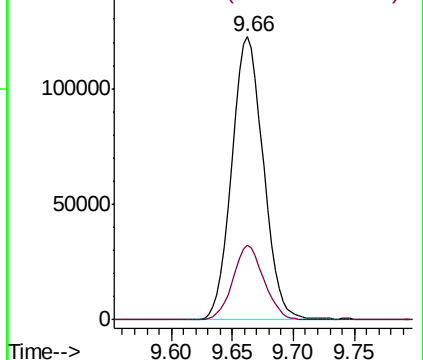
63 100

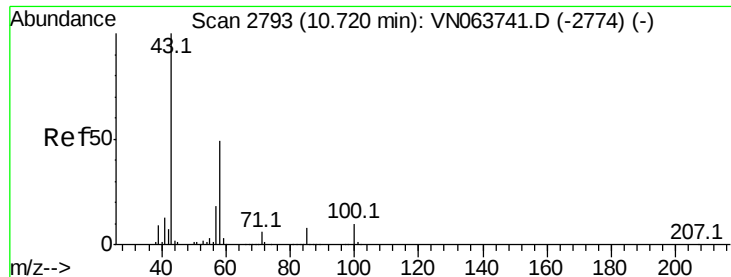
106 25.9 20.7 31.1



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V





#59

2-Hexanone

Concen: 95.130 ug/l

RT: 10.72 min Scan# 2794

Delta R.T. 0.00 min

Lab File: VN063865.D

Acq: 5 Oct 2020 12:57

Instrument :

MSVOA_N

ClientSampleId :

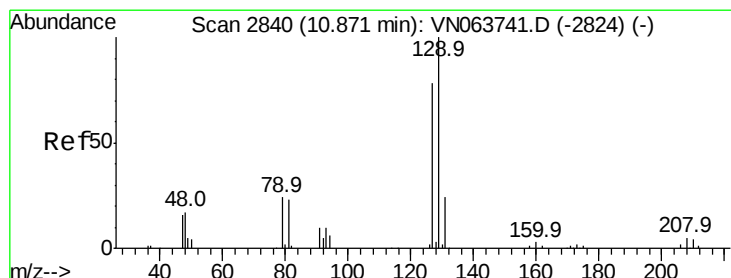
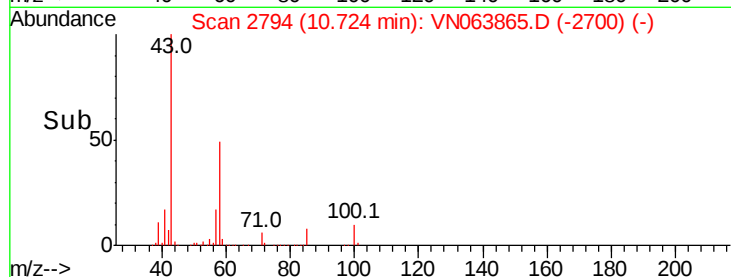
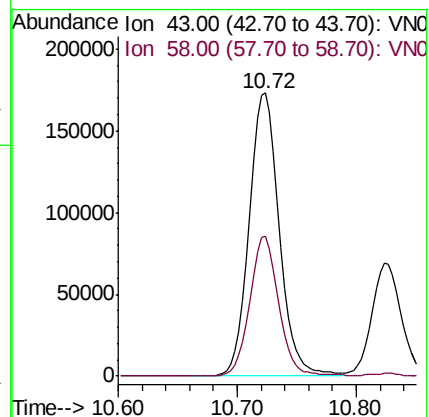
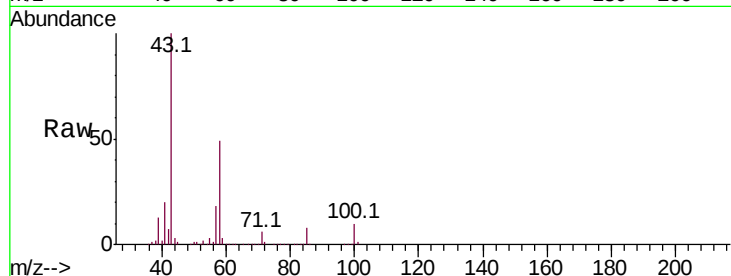
VN1005MBS01

Tot Ion: 43 Resp: 302356

Ion Ratio Lower Upper

43 100

58 47.6 24.6 73.8



#60

Dibromochloromethane

Concen: 18.495 ug/l

RT: 10.87 min Scan# 2840

Delta R.T. 0.00 min

Lab File: VN063865.D

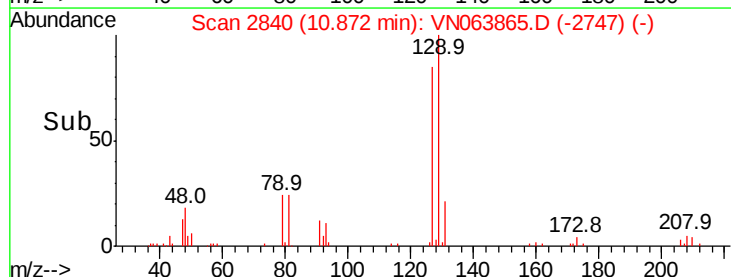
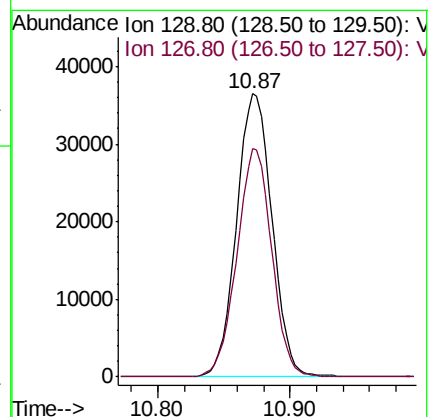
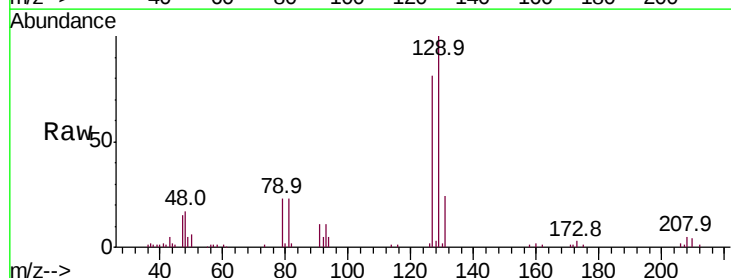
Acq: 5 Oct 2020 12:57

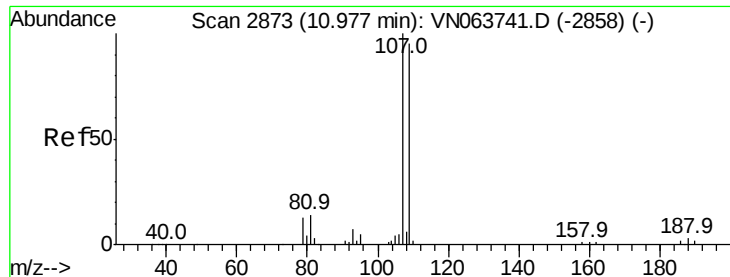
Tgt Ion: 129 Resp: 67893

Ion Ratio Lower Upper

129 100

127 79.1 38.9 116.7





#61

1,2-Dibromoethane

Concen: 19.523 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. 0.00 min

Lab File: VN063865.D

Acq: 5 Oct 2020 12:57

Instrument :

MSVOA_N

ClientSampleId :

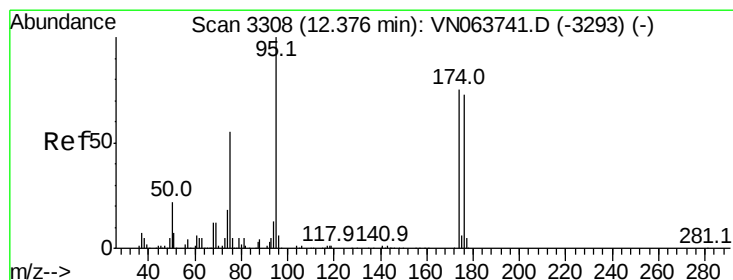
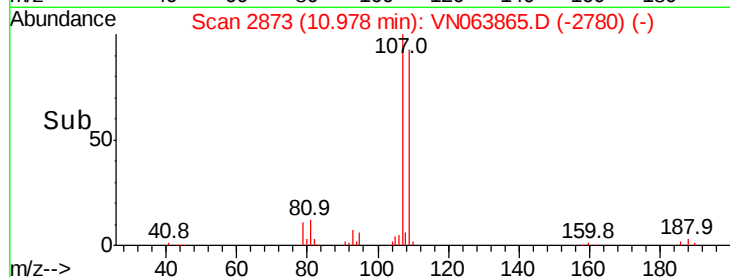
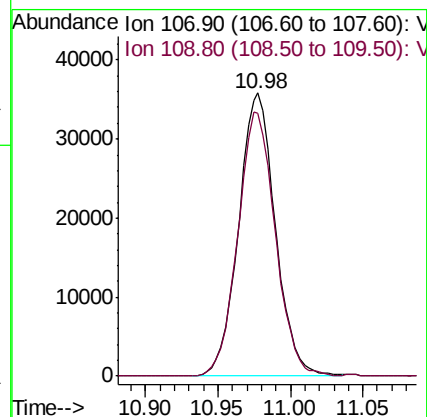
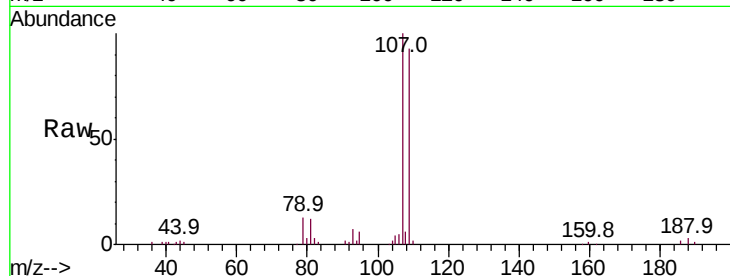
VN1005MBS01

Tot Ion:107 Resp: 62947

Ion Ratio Lower Upper

107 100

109 95.0 74.8 112.2



#62

4-Bromofluorobenzene

Concen: 47.014 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN063865.D

Acq: 5 Oct 2020 12:57

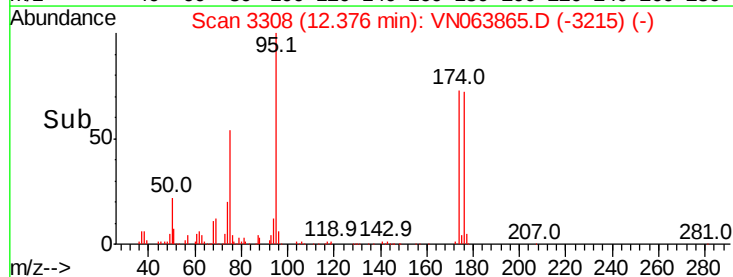
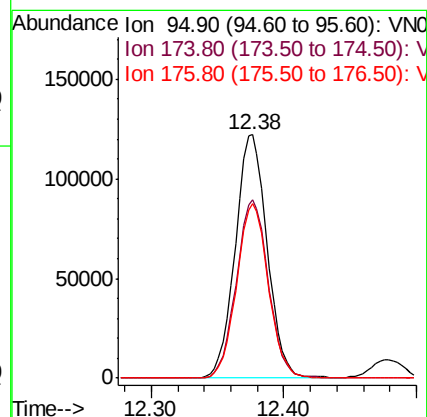
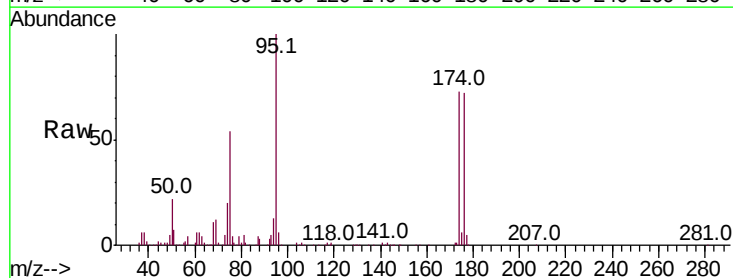
Tgt Ion: 95 Resp: 204143

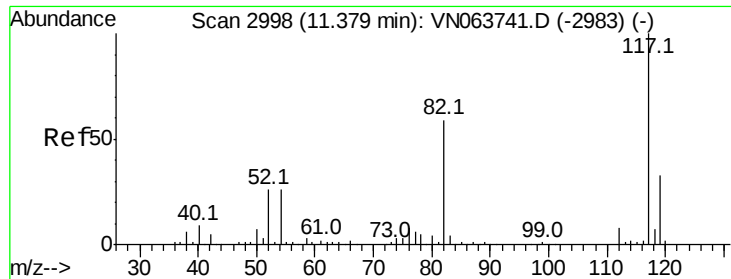
Ion Ratio Lower Upper

95 100

174 73.6 0.0 150.6

176 71.1 0.0 145.4

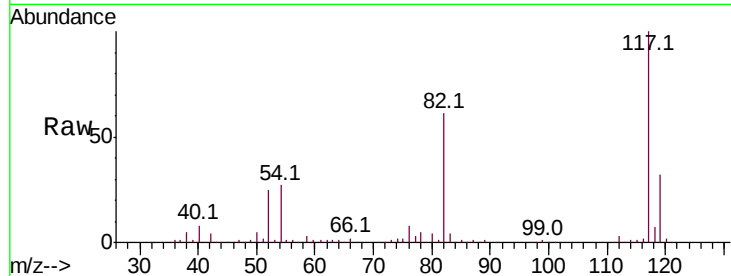




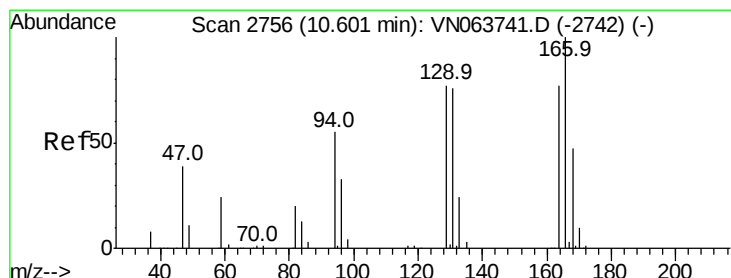
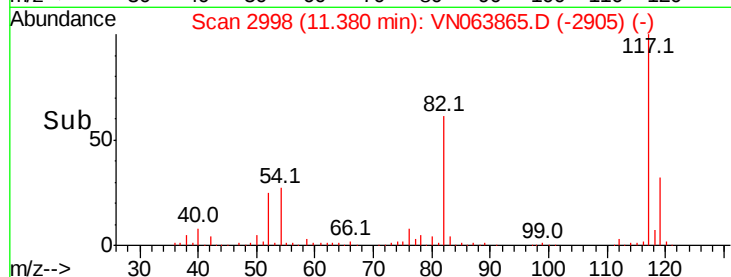
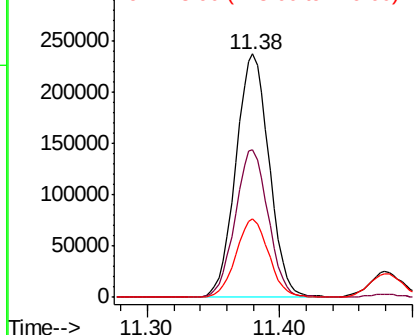
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063865.D
Acq: 5 Oct 2020 12:57

Instrument :
MSVOA_N
ClientSampleId :
VN1005MBS01

Tot Ion:117 Resp: 414738
Ion Ratio Lower Upper
117 100
82 60.6 47.4 71.2
119 32.0 26.4 39.6

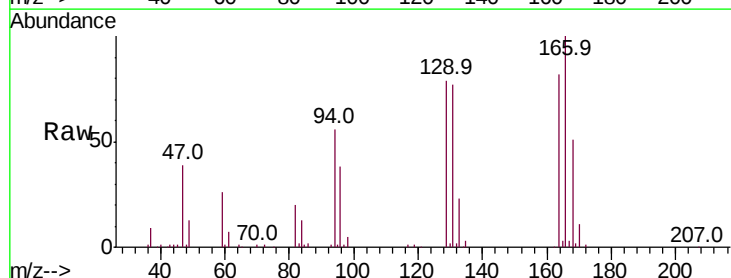


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

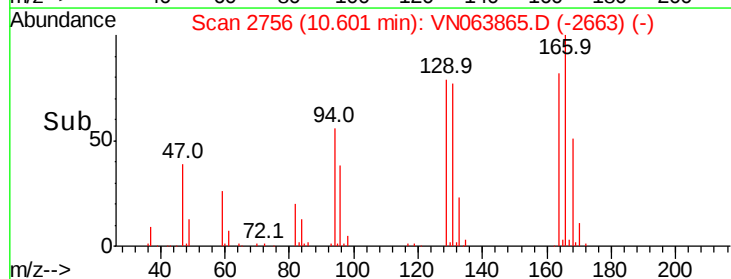
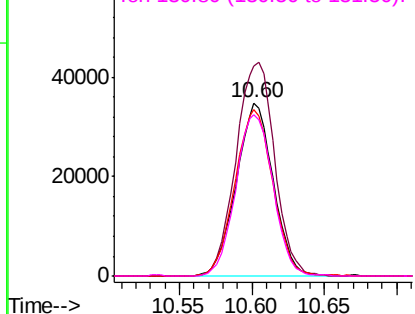


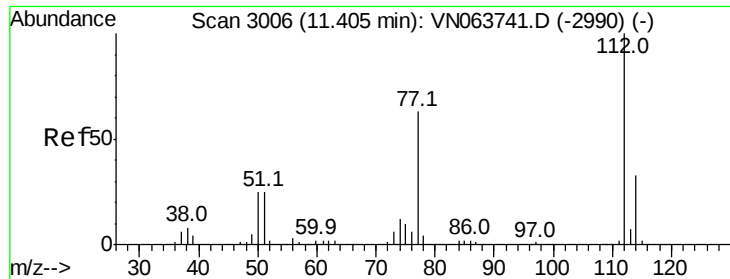
#64
Tetrachloroethene
Concen: 19.232 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN063865.D
Acq: 5 Oct 2020 12:57

Tgt Ion:164 Resp: 61710
Ion Ratio Lower Upper
164 100
166 121.6 103.9 155.9
129 96.1 80.3 120.5
131 93.3 78.9 118.3



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

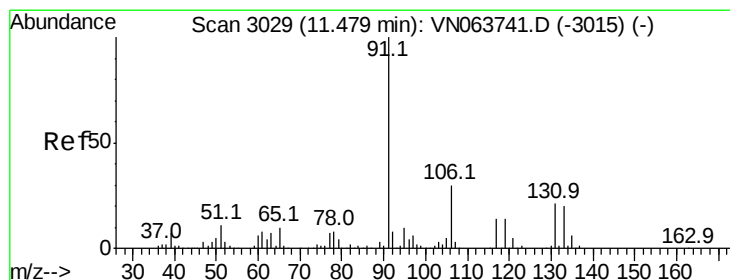
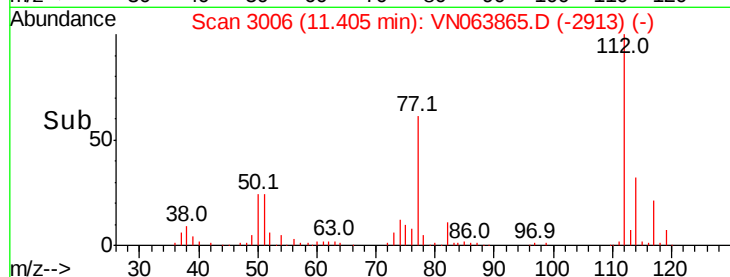
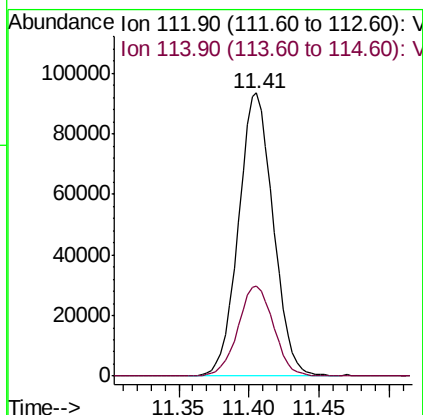
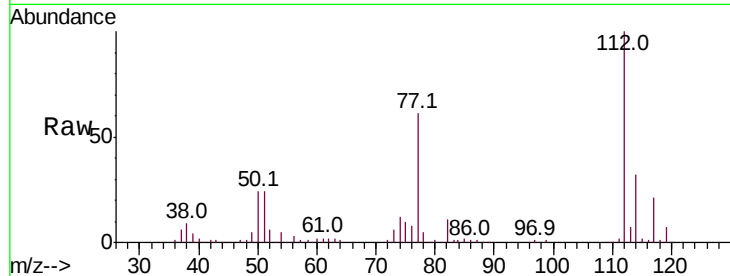




#65
Chlorobenzene
Concen: 18.990 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN063865.D
Acq: 5 Oct 2020 12:57

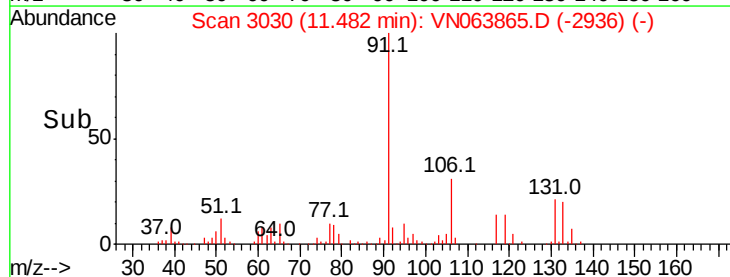
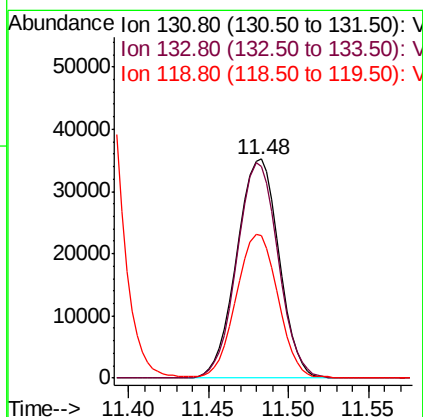
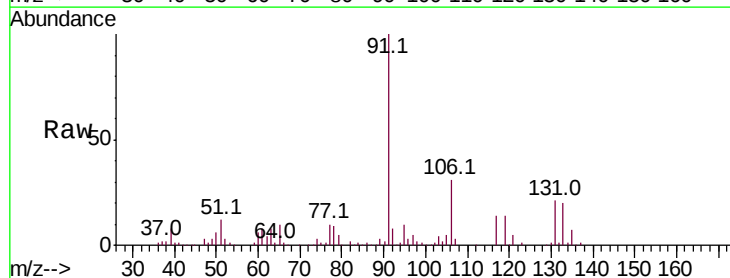
Instrument :
MSVOA_N
ClientSampled :
VN1005MBS01

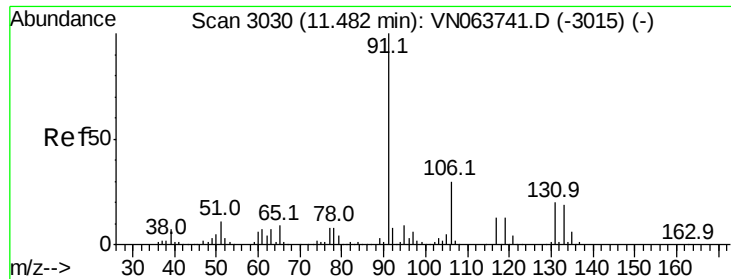
Tot Ion:112 Resp: 161560
Ion Ratio Lower Upper
112 100
114 31.8 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 19.473 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063865.D
Acq: 5 Oct 2020 12:57

Tgt Ion:131 Resp: 63513
Ion Ratio Lower Upper
131 100
133 96.0 47.3 141.8
119 65.1 32.6 97.7

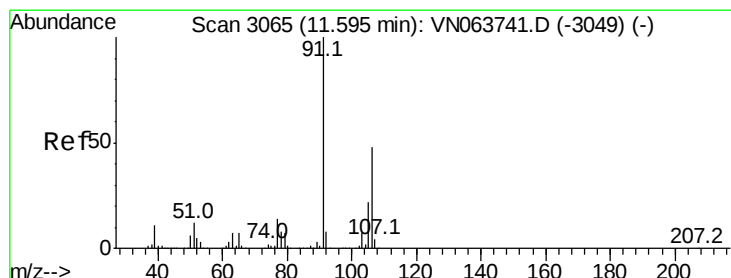
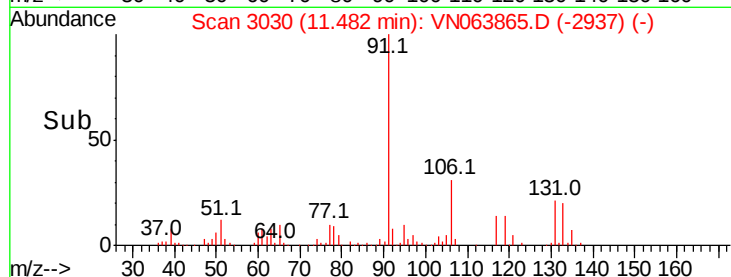
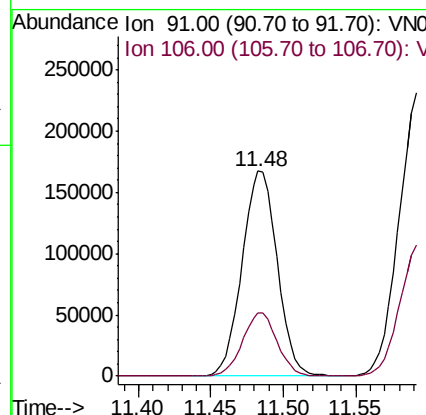
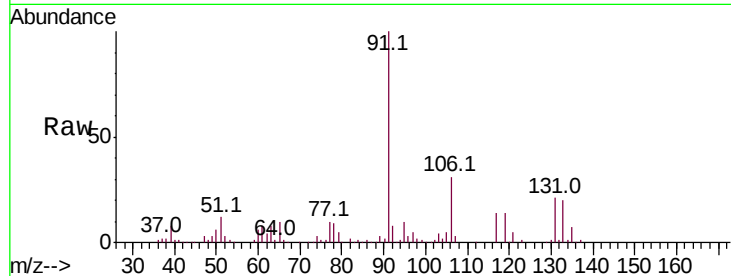




#67
Ethyl Benzene
Concen: 18.254 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063865.D
Acq: 5 Oct 2020 12:57

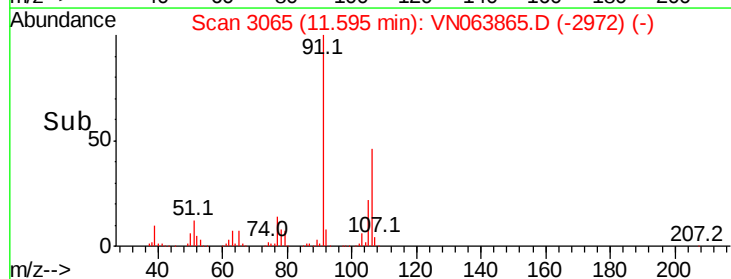
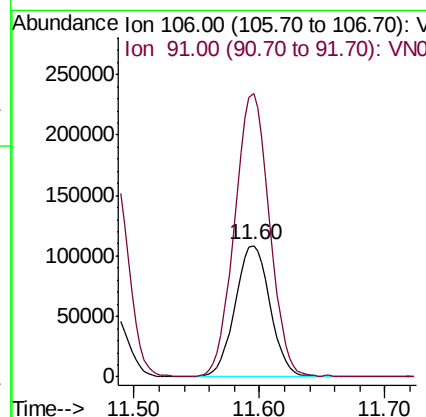
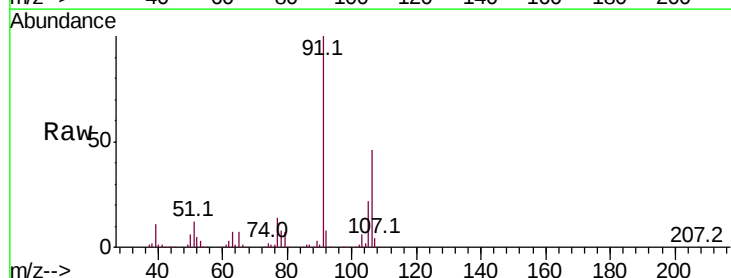
Instrument :
MSVOA_N
ClientSampled :
VN1005MBS01

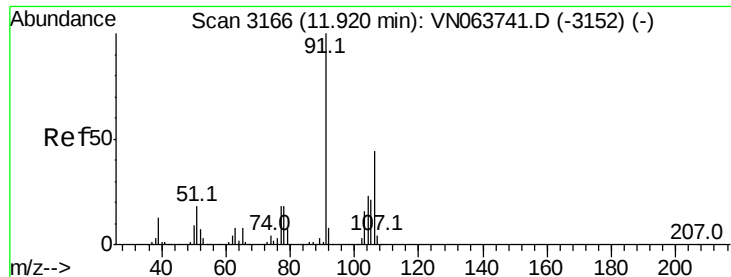
Tot Ion: 91 Resp: 282579
Ion Ratio Lower Upper
91 100
106 30.6 24.2 36.2



#68
m/p-Xylenes
Concen: 36.351 ug/l
RT: 11.60 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN063865.D
Acq: 5 Oct 2020 12:57

Tgt Ion: 106 Resp: 209733
Ion Ratio Lower Upper
106 100
91 214.0 168.0 252.0

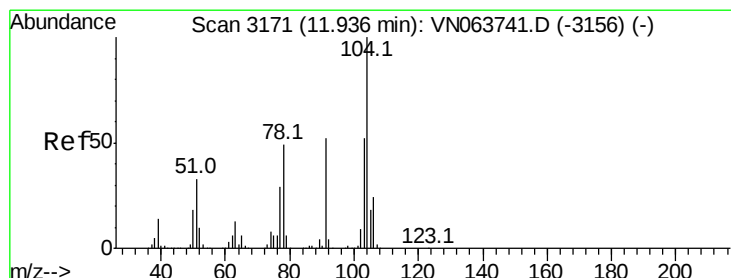
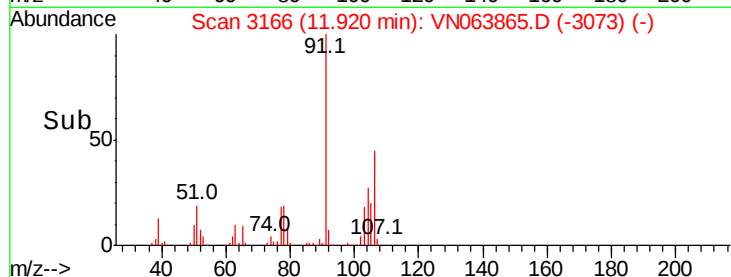
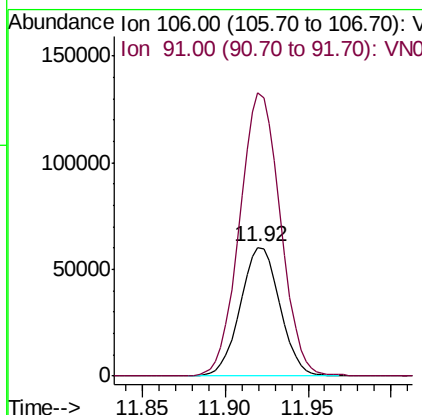
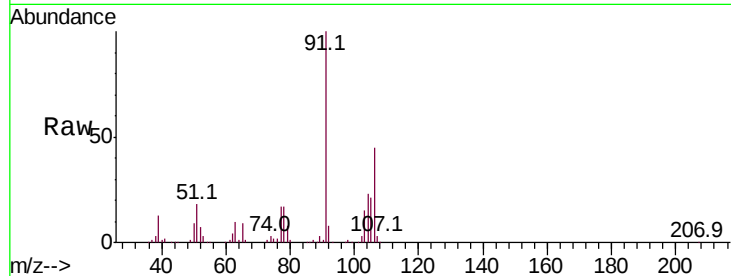




#69
o-Xylene
Concen: 18.626 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN063865.D
Acq: 5 Oct 2020 12:57

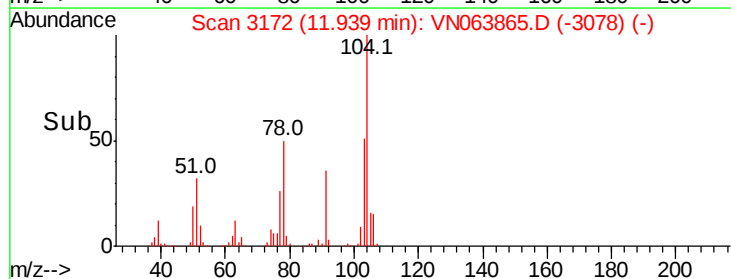
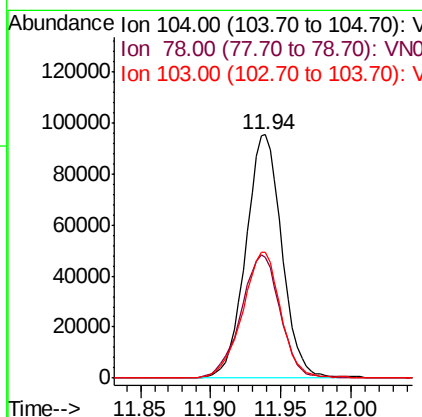
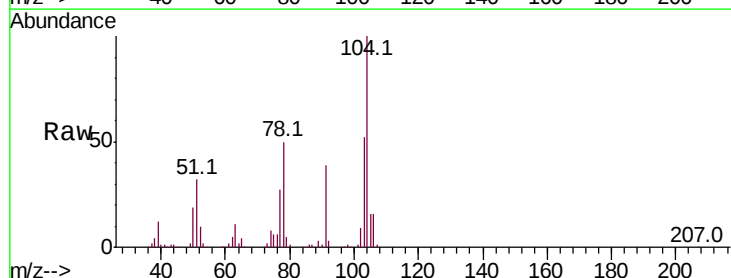
Instrument :
MSVOA_N
ClientSampled :
VN1005MBS01

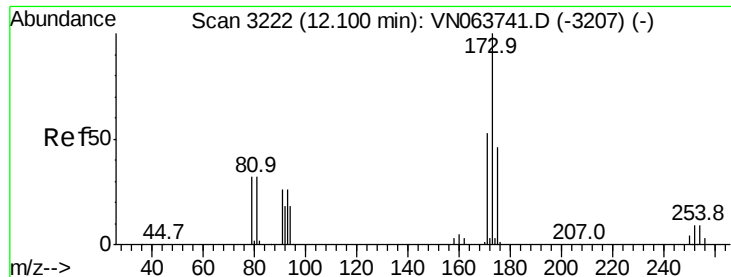
Tot Ion:106 Resp: 100445
Ion Ratio Lower Upper
106 100
91 225.9 112.7 338.0



#70
Styrene
Concen: 18.639 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN063865.D
Acq: 5 Oct 2020 12:57

Tgt Ion:104 Resp: 170619
Ion Ratio Lower Upper
104 100
78 55.3 44.1 66.1
103 54.8 44.3 66.5

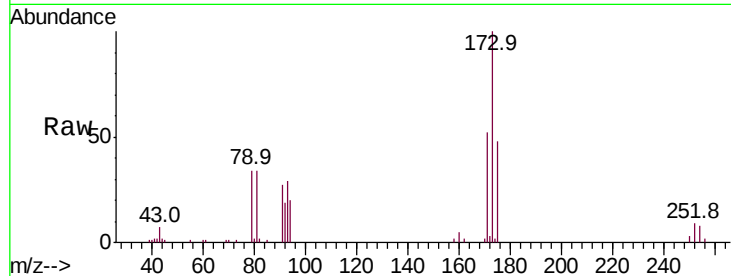




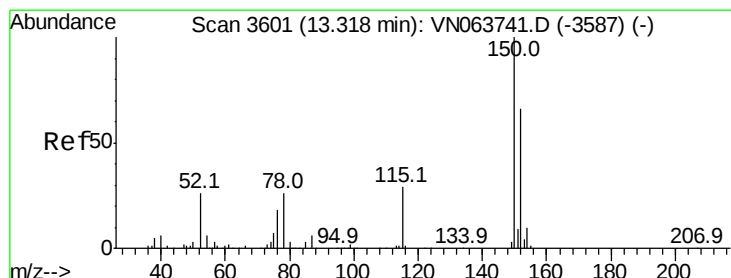
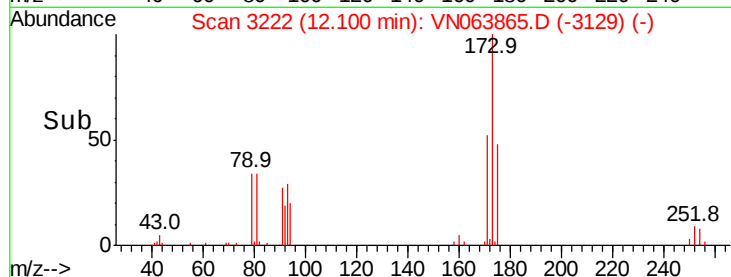
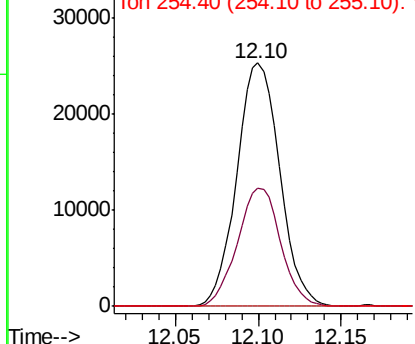
#71
Bromoform
Concen: 18.350 ug/l
RT: 12.10 min Scan# 3222
Delta R.T. 0.00 min
Lab File: VN063865.D
Acq: 5 Oct 2020 12:57

Instrument :
MSVOA_N
ClientSampleId :
VN1005MBS01

Tot Ion:173 Resp: 45773
Ion Ratio Lower Upper
173 100
175 48.7 23.5 70.5
254 0.0 0.0 0.0

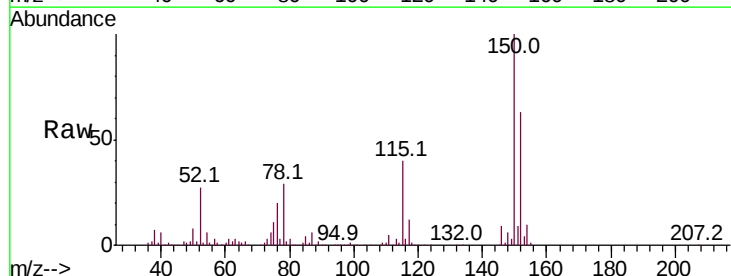


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

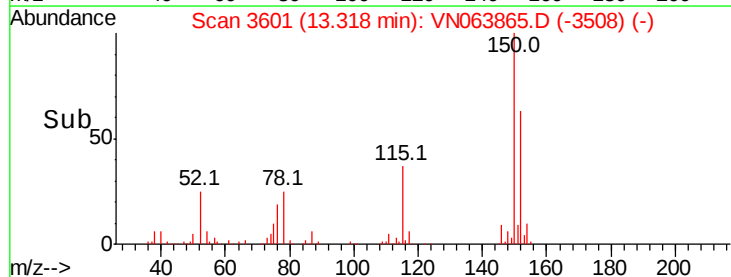
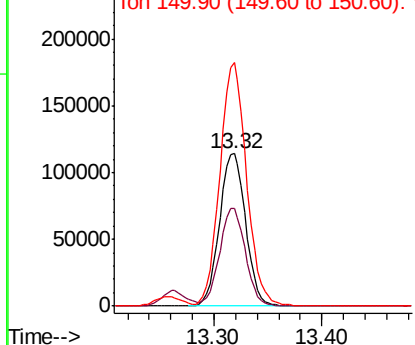


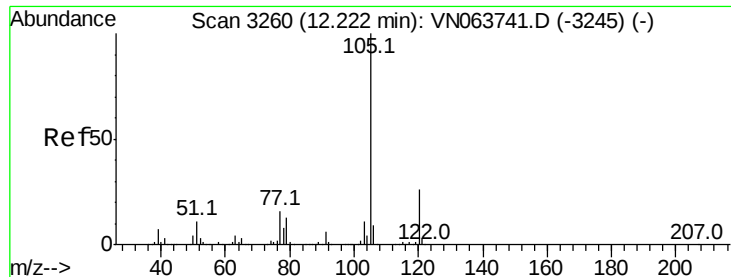
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3601
Delta R.T. 0.00 min
Lab File: VN063865.D
Acq: 5 Oct 2020 12:57

Tgt Ion:152 Resp: 192488
Ion Ratio Lower Upper
152 100
115 62.5 31.3 93.8
150 162.2 0.0 341.8



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





#73

Isopropylbenzene

Concen: 18.916 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN063865.D

Acq: 5 Oct 2020 12:57

Instrument :

MSVOA_N

ClientSampleId :

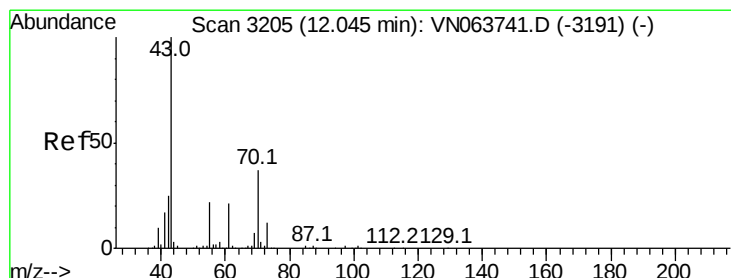
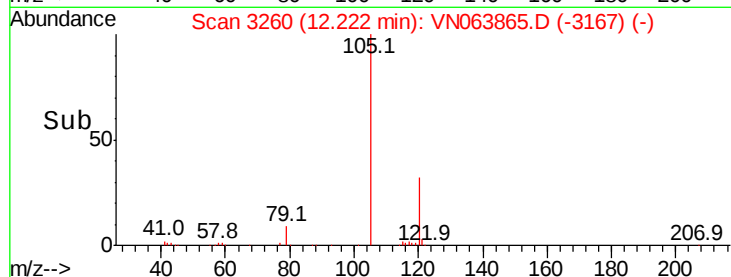
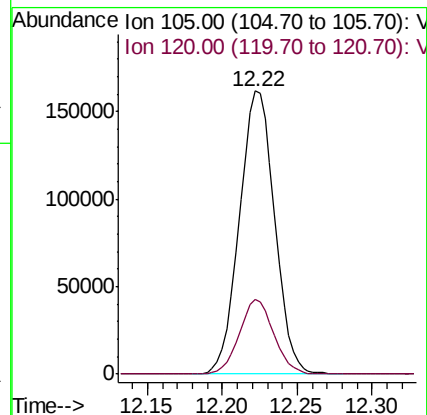
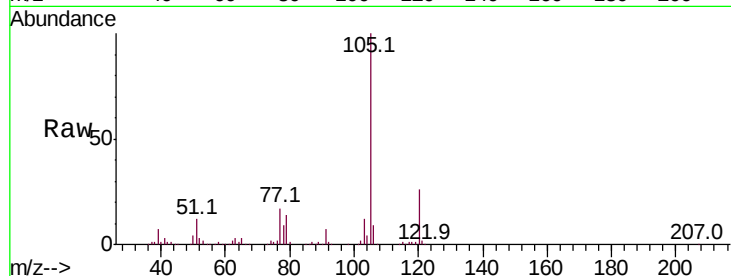
VN1005MBS01

Tot Ion:105 Resp: 265575

Ion Ratio Lower Upper

105 100

120 25.6 12.6 37.8



#74

N-ethyl acetate

Concen: 19.036 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN063865.D

Acq: 5 Oct 2020 12:57

Tgt Ion: 43 Resp: 114847

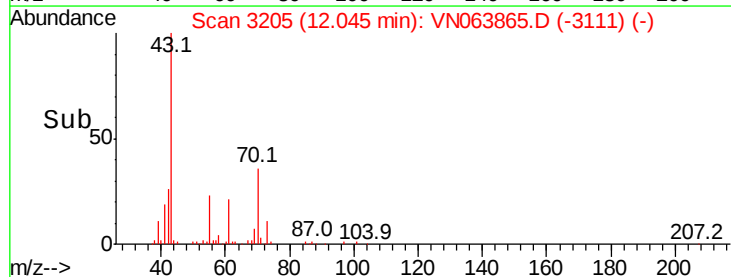
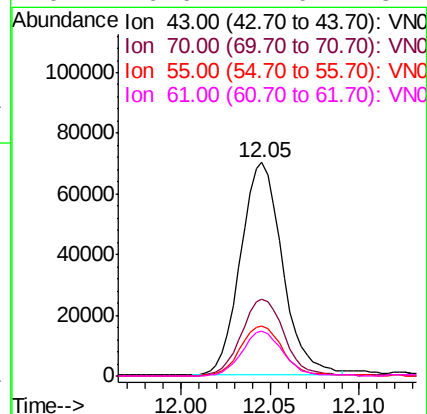
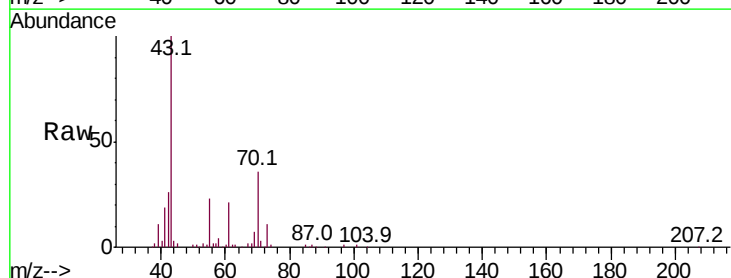
Ion Ratio Lower Upper

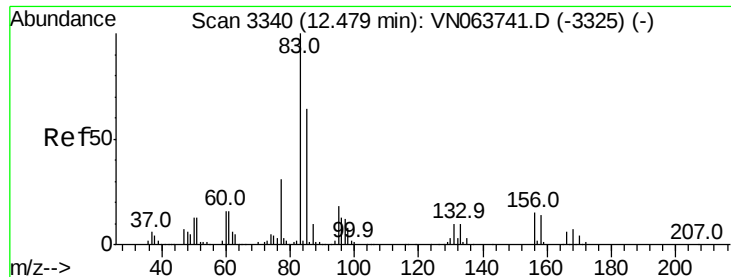
43 100

70 37.0 29.8 44.8

55 24.2 17.9 26.9

61 20.6 17.0 25.4





#75

1,1,2,2-Tetrachloroethane

Concen: 19.540 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN063865.D

Acq: 5 Oct 2020 12:57

Instrument :

MSVOA_N

ClientSampleId :

VN1005MBS01

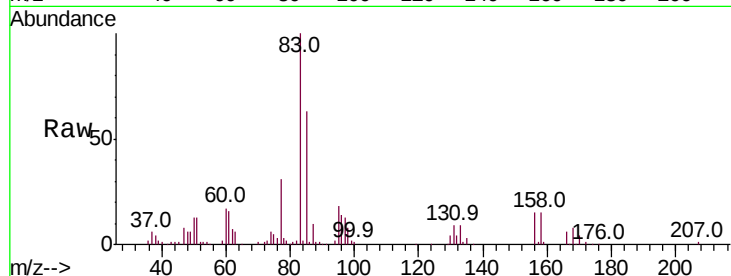
Tot Ion: 83 Resp: 83889

Ion Ratio Lower Upper

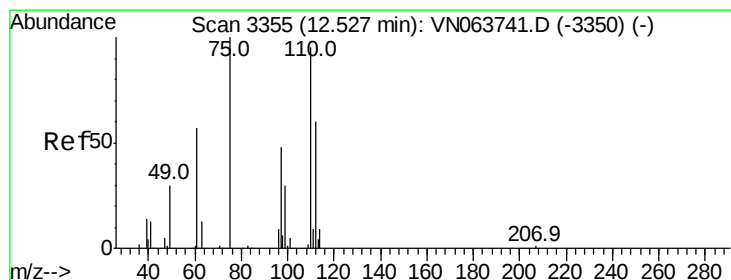
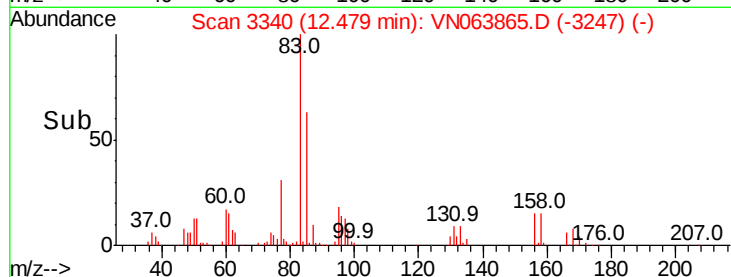
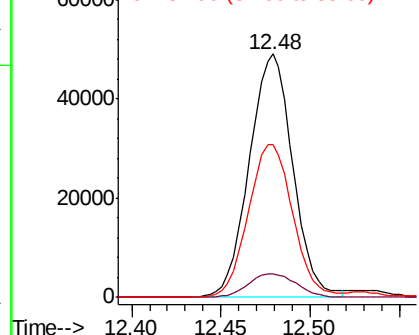
83 100

131 10.7 5.3 15.8

85 64.1 31.3 93.8



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 27.945 ug/l

RT: 12.52 min Scan# 3354

Delta R.T. -0.00 min

Lab File: VN063865.D

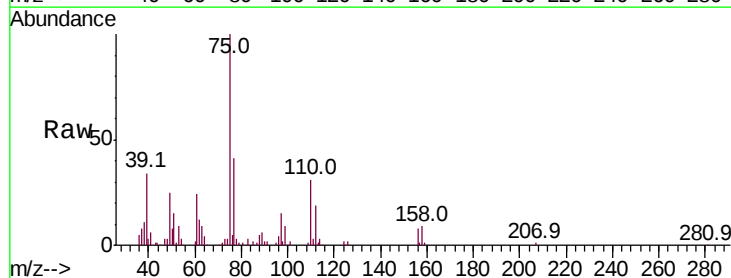
Acq: 5 Oct 2020 12:57

Tgt Ion: 75 Resp: 118578

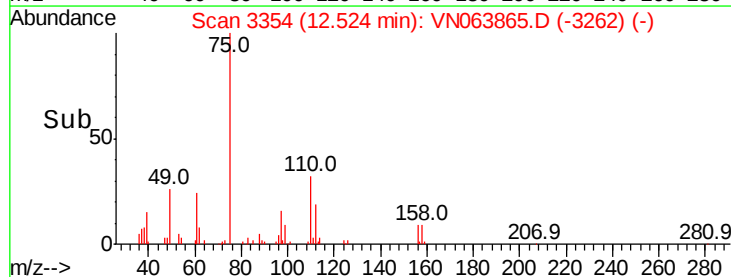
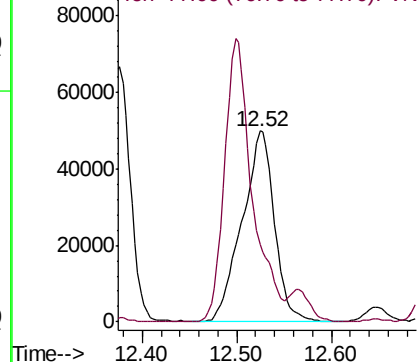
Ion Ratio Lower Upper

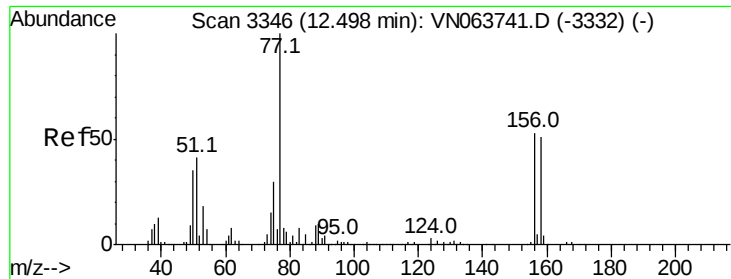
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 19.768 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN063865.D

Acq: 5 Oct 2020 12:57

Instrument :

MSVOA_N

ClientSampled :

VN1005MBS01

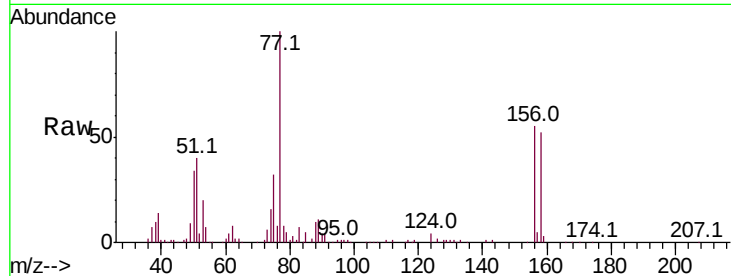
Tot Ion:156 Resp: 68102

Ion Ratio Lower Upper

156 100

77 221.7 110.9 332.7

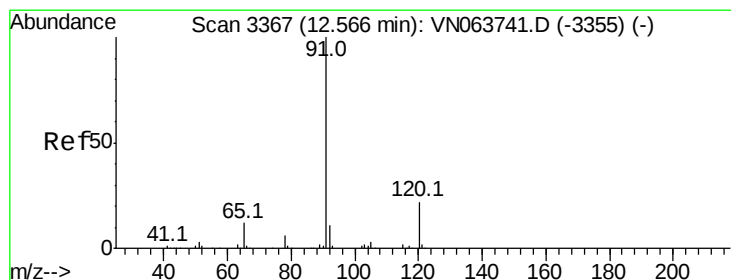
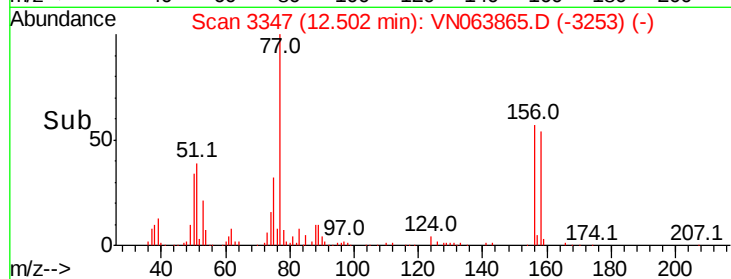
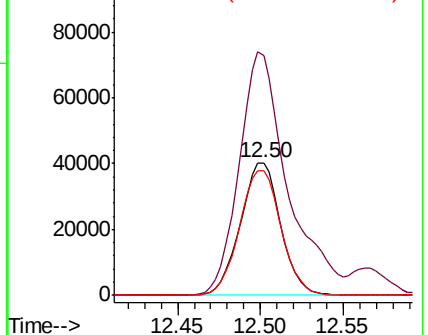
158 97.1 47.7 143.1



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.748 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN063865.D

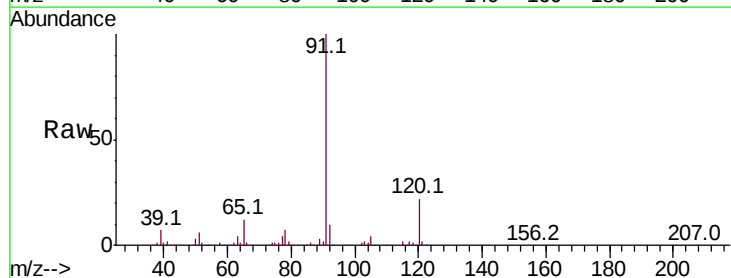
Acq: 5 Oct 2020 12:57

Tgt Ion: 91 Resp: 306335

Ion Ratio Lower Upper

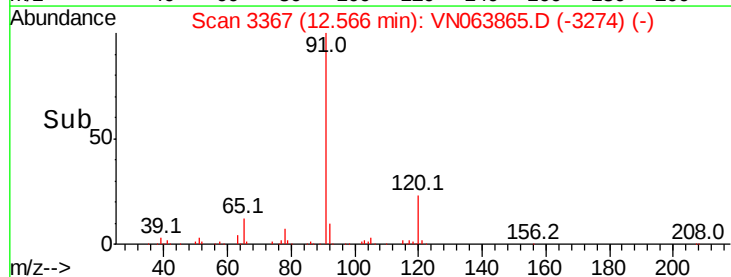
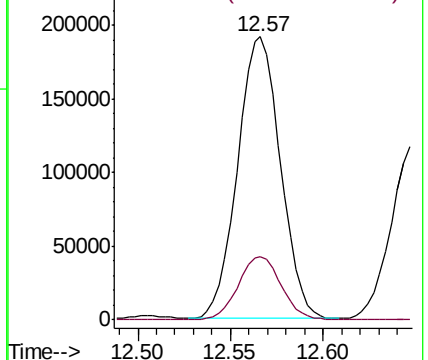
91 100

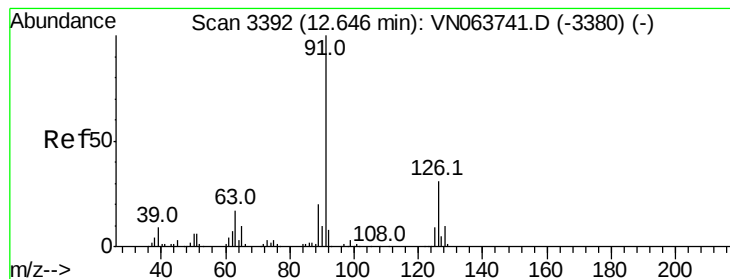
120 22.5 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.083 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN063865.D

Acq: 5 Oct 2020 12:57

Instrument :

MSVOA_N

ClientSampleId :

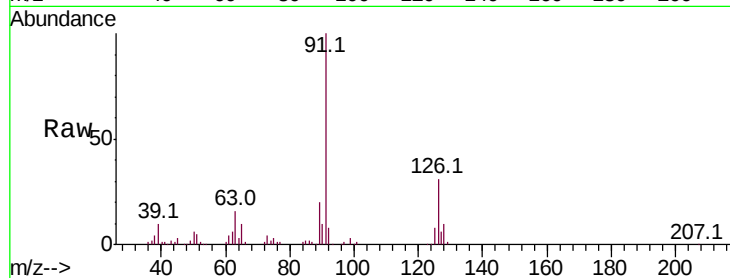
VN1005MBS01

Tot Ion: 91 Resp: 191767

Ion Ratio Lower Upper

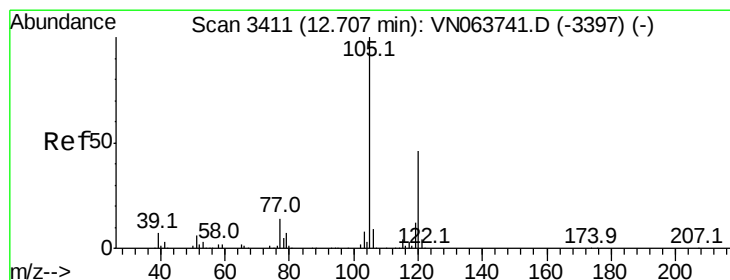
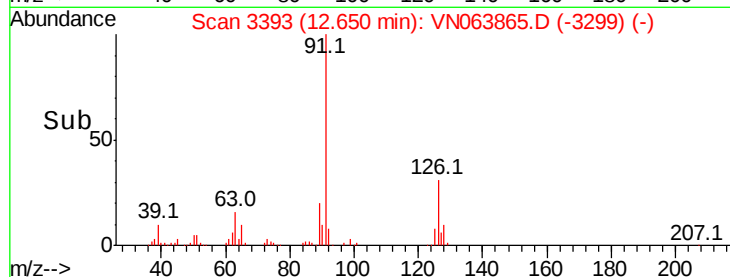
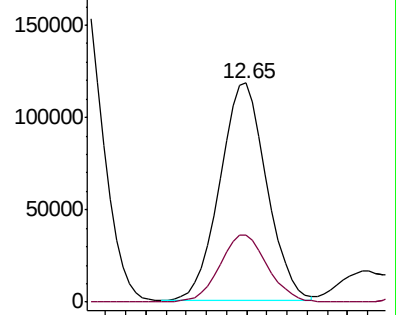
91 100

126 31.5 15.9 47.7



Abundance Ion 91.00 (90.70 to 91.70): VN063741.D (-3380) (-)

Ion 125.90 (125.60 to 126.60): VN063741.D (-3380) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.491 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN063865.D

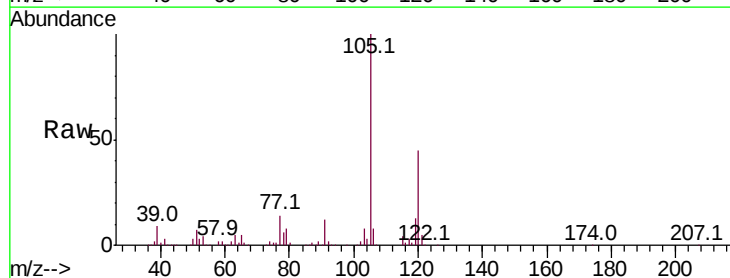
Acq: 5 Oct 2020 12:57

Tgt Ion: 105 Resp: 229574

Ion Ratio Lower Upper

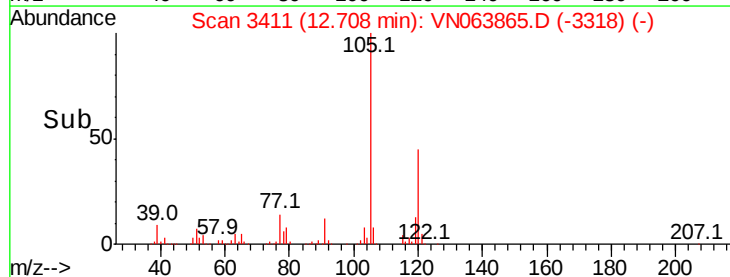
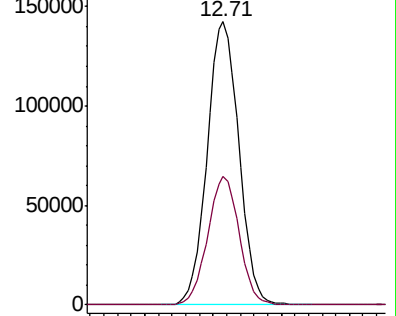
105 100

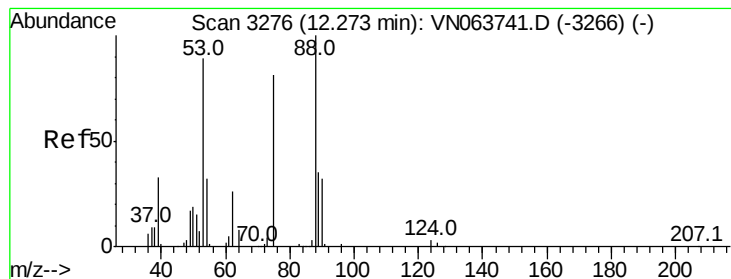
120 45.1 23.3 69.9



Abundance Ion 105.00 (104.70 to 105.70): VN063741.D (-3397) (-)

Ion 120.00 (119.70 to 120.70): VN063741.D (-3397) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 18.892 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN063865.D

Acq: 5 Oct 2020 12:57

Instrument :

MSVOA_N

ClientSampled :

VN1005MBS01

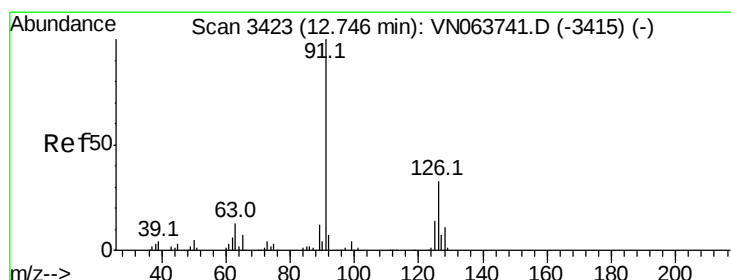
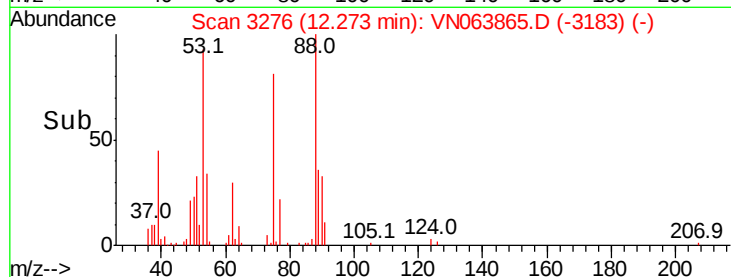
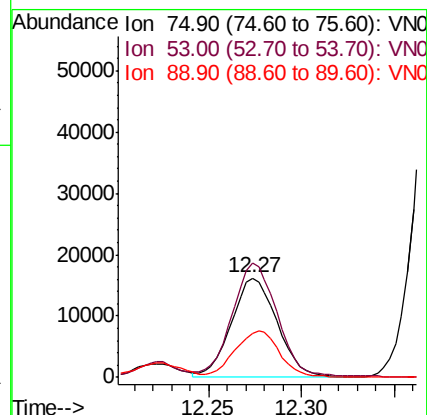
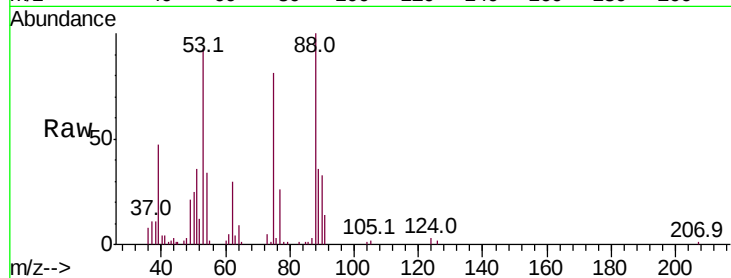
Tot Ion: 75 Resp: 27832

Ion Ratio Lower Upper

75 100

53 111.3 88.2 132.2

89 45.3 36.0 54.0



#82

4-Chlorotoluene

Concen: 19.179 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN063865.D

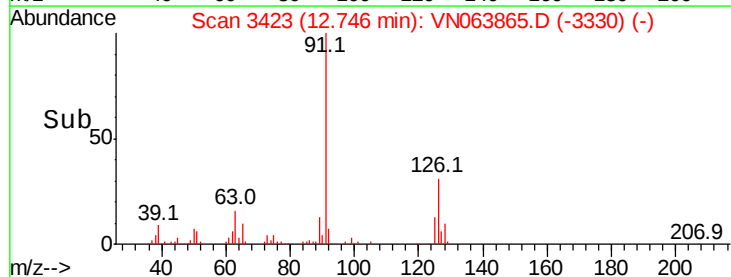
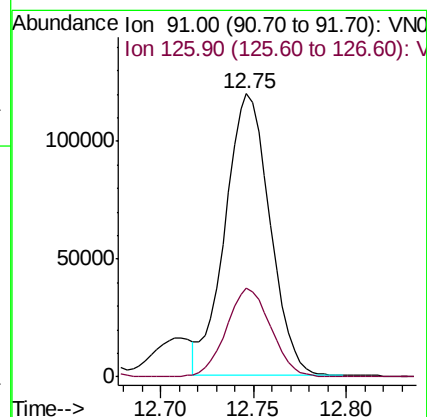
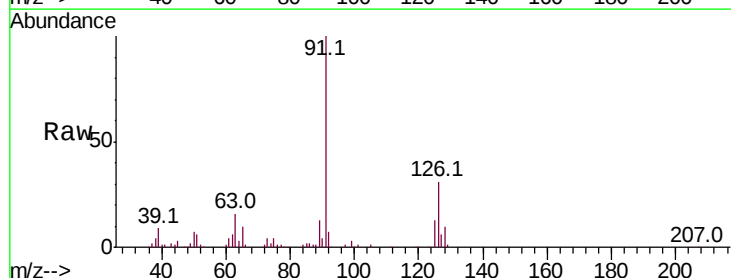
Acq: 5 Oct 2020 12:57

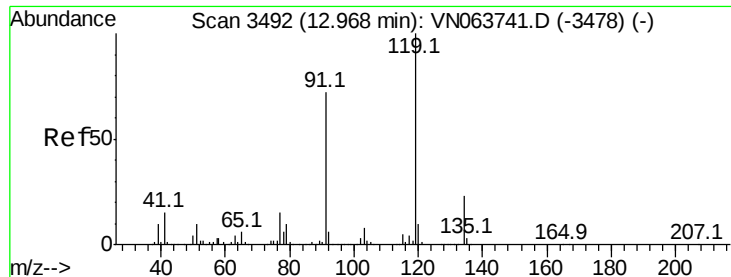
Tgt Ion: 91 Resp: 200075

Ion Ratio Lower Upper

91 100

126 31.7 15.4 46.2

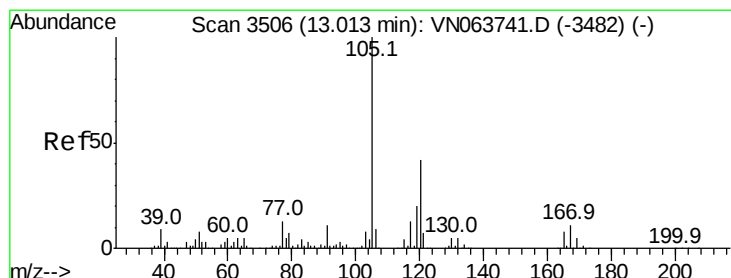
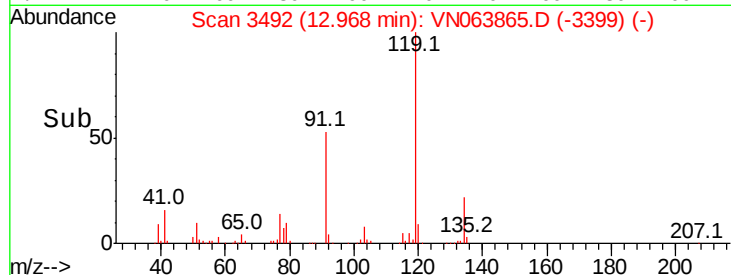
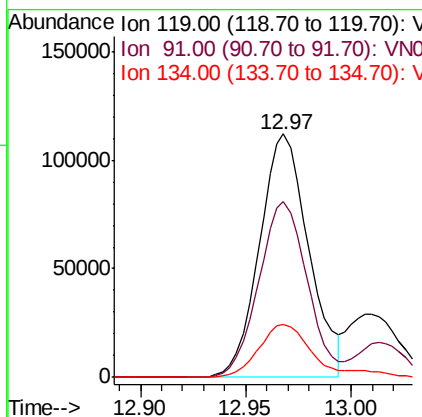
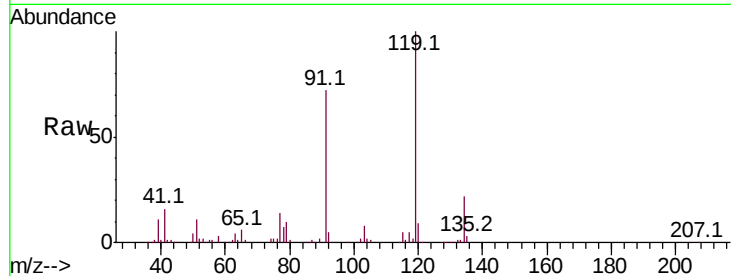




#83
 tert-Butylbenzene
 Concen: 18.882 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN063865.D
 Acq: 5 Oct 2020 12:57

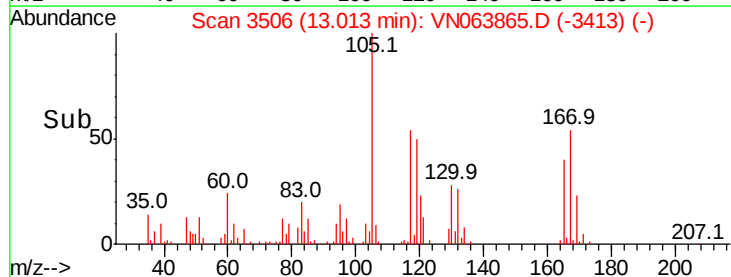
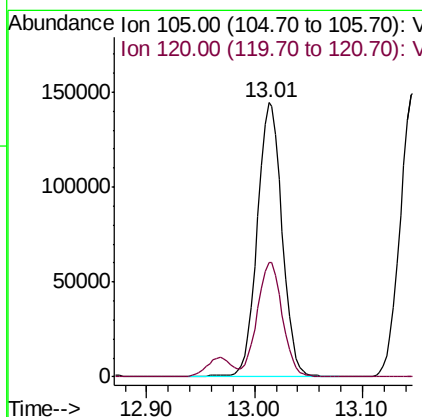
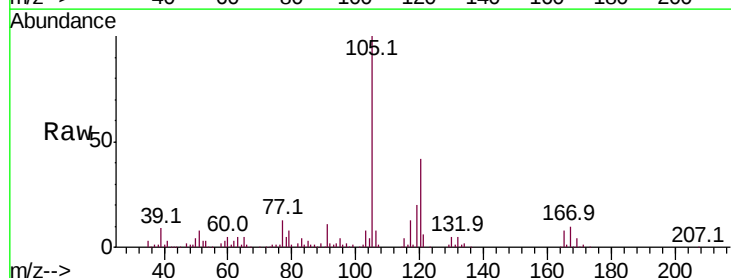
Instrument :
 MSVOA_N
 ClientSampled :
 VN1005MBS01

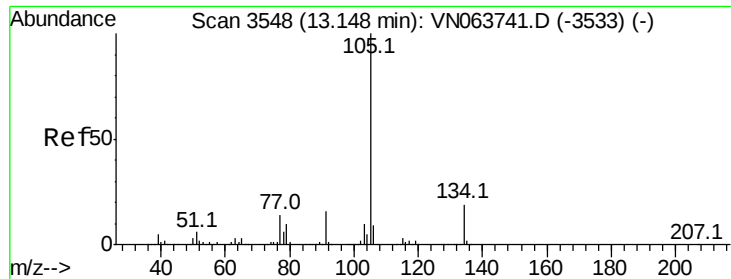
Tot Ion:119 Resp: 181920
 Ion Ratio Lower Upper
 119 100
 91 71.7 35.5 106.5
 134 24.6 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 19.578 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN063865.D
 Acq: 5 Oct 2020 12:57

Tgt Ion:105 Resp: 230242
 Ion Ratio Lower Upper
 105 100
 120 42.5 20.9 62.7





#85

sec-Butylbenzene

Concen: 18.920 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063865.D

Acq: 5 Oct 2020 12:57

Instrument :

MSVOA_N

ClientSampleId :

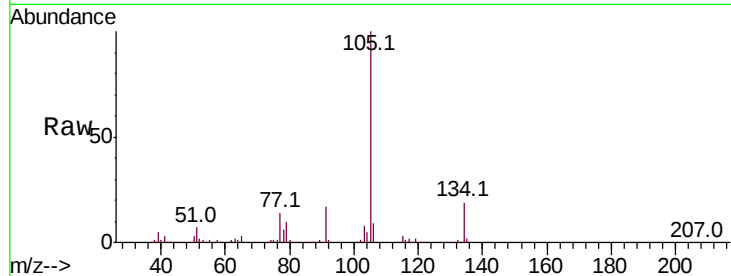
VN1005MBS01

Tot Ion:105 Resp: 239433

Ion Ratio Lower Upper

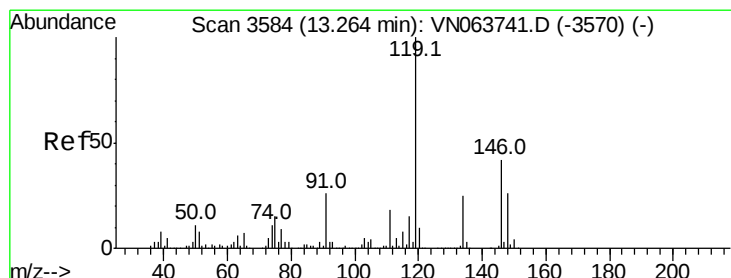
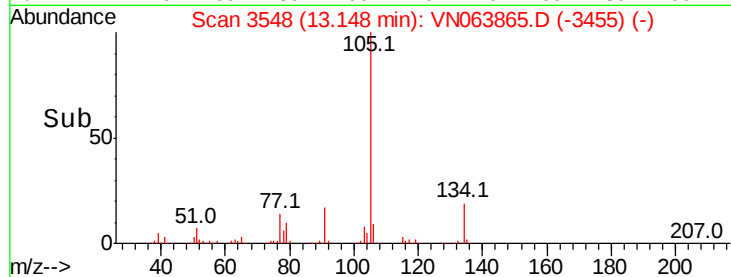
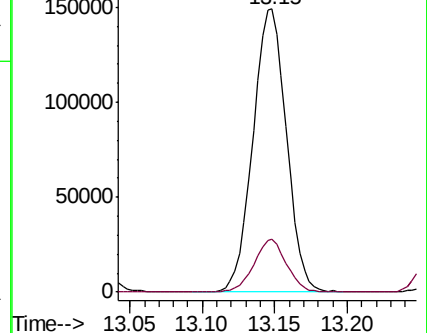
105 100

134 18.1 9.5 28.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.199 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN063865.D

Acq: 5 Oct 2020 12:57

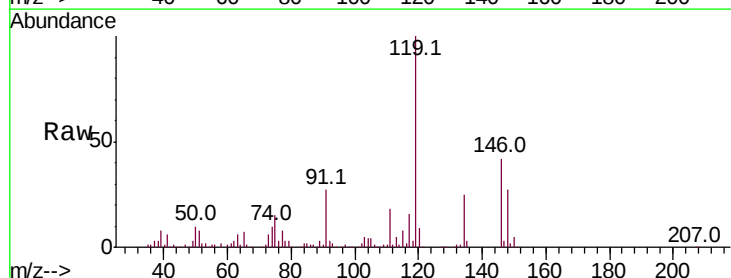
Tgt Ion:119 Resp: 214936

Ion Ratio Lower Upper

119 100

134 24.1 12.6 37.8

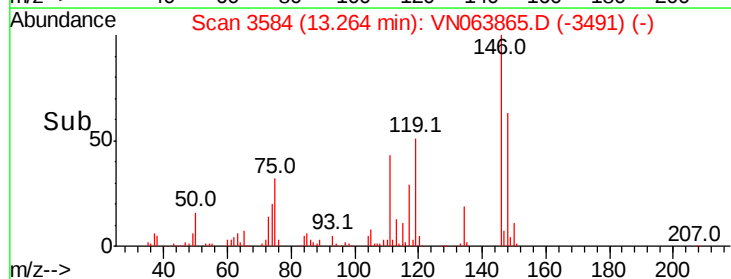
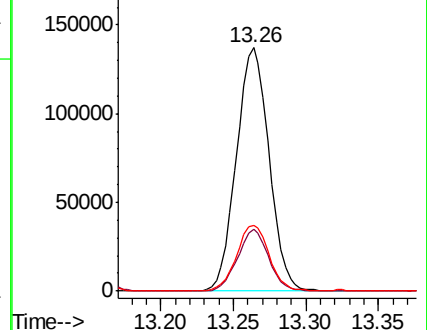
91 27.0 13.4 40.2

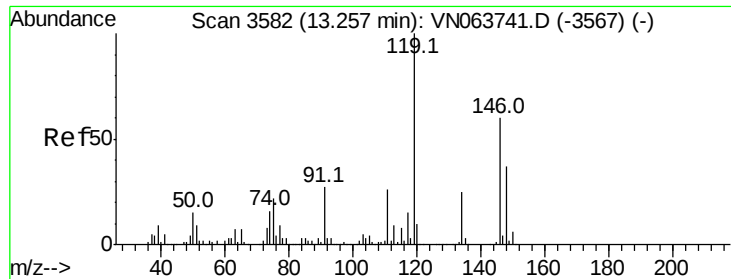


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

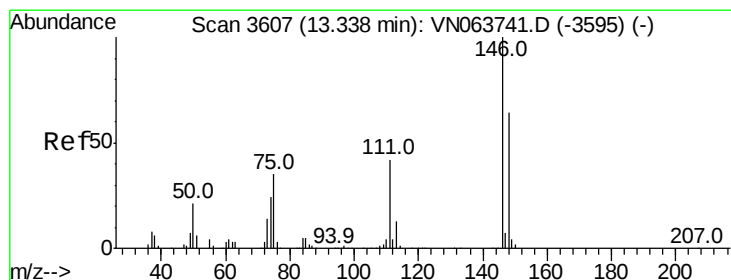
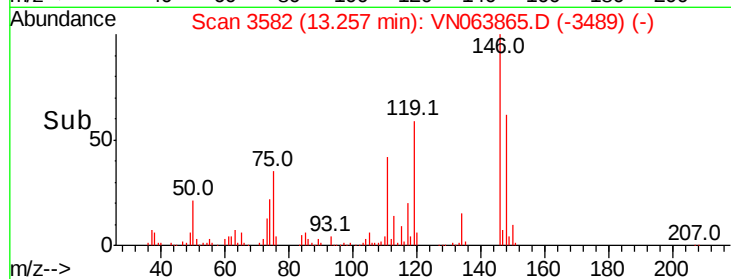
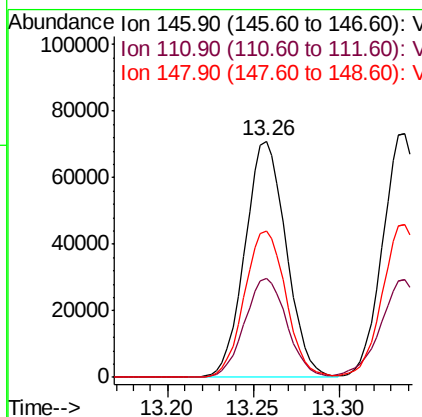
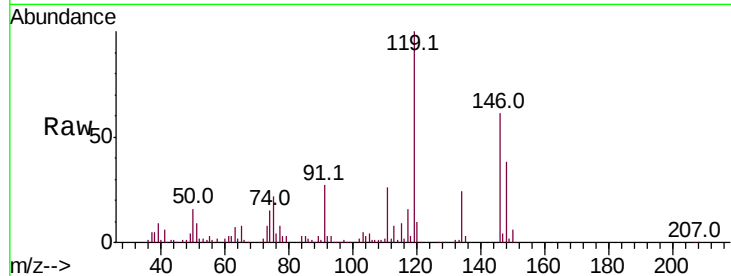




#87
 1,3-Dichlorobenzene
 Concen: 18.929 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN063865.D
 Acq: 5 Oct 2020 12:57

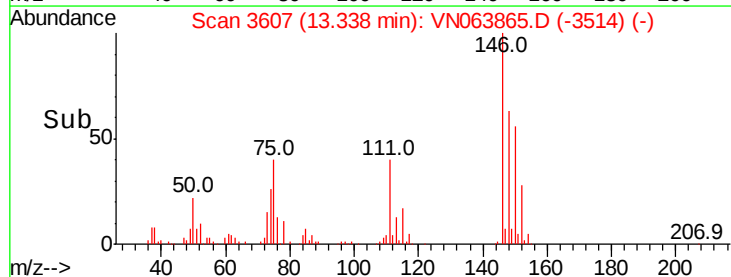
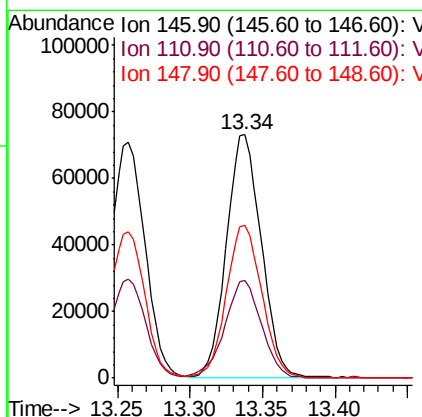
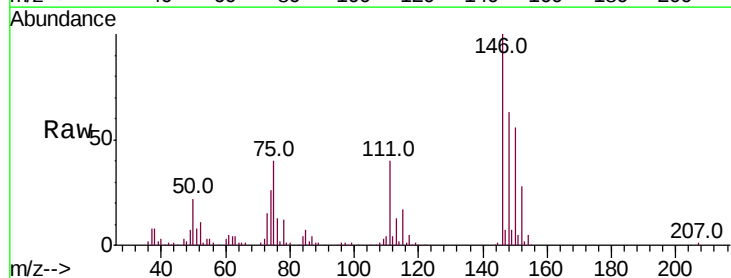
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1005MBS01

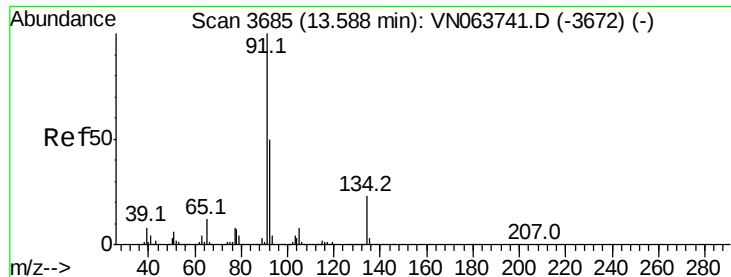
Tot Ion:146 Resp: 117976
 Ion Ratio Lower Upper
 146 100
 111 42.7 21.5 64.5
 148 62.3 31.1 93.3



#88
 1,4-Dichlorobenzene
 Concen: 18.752 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN063865.D
 Acq: 5 Oct 2020 12:57

Tgt Ion:146 Resp: 121689
 Ion Ratio Lower Upper
 146 100
 111 42.9 21.3 63.7
 148 63.6 32.0 96.0





#89

n-Butylbenzene

Concen: 17.185 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. 0.00 min

Lab File: VN063865.D

Acq: 5 Oct 2020 12:57

Instrument :

MSVOA_N

ClientSampleId :

VN1005MBS01

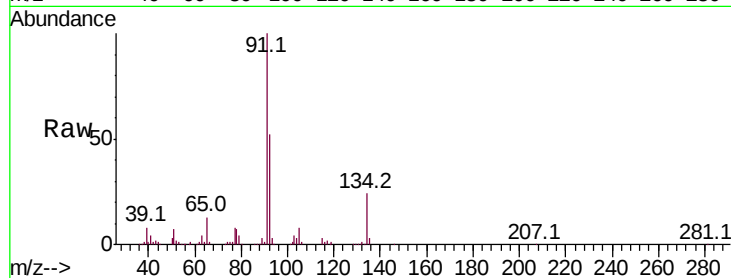
Tot Ion: 91 Resp: 177564

Ion Ratio Lower Upper

91 100

92 50.8 25.4 76.4

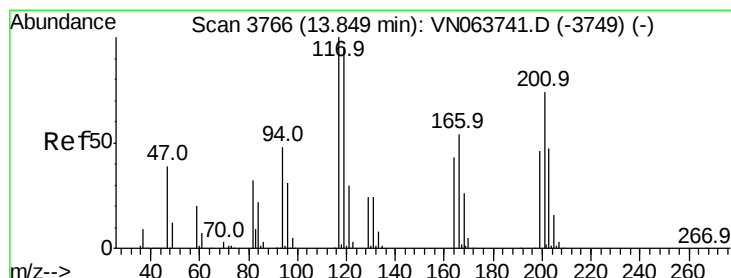
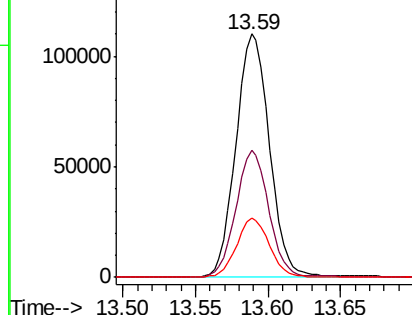
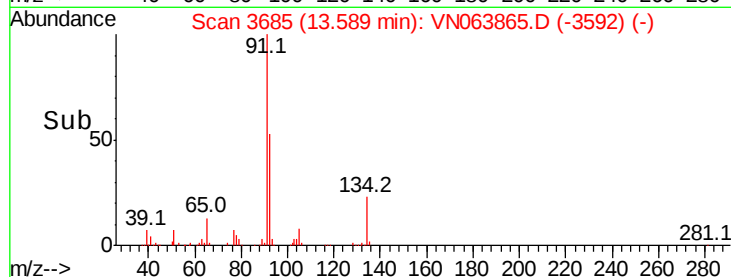
134 23.7 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VN063865.D (-3672) (-)

150000 Ion 92.00 (91.70 to 92.70): VN063865.D (-3672) (-)

Ion 134.00 (133.70 to 134.70): VN063865.D (-3672) (-)



#90

Hexachloroethane

Concen: 18.465 ug/l

RT: 13.85 min Scan# 3765

Delta R.T. -0.00 min

Lab File: VN063865.D

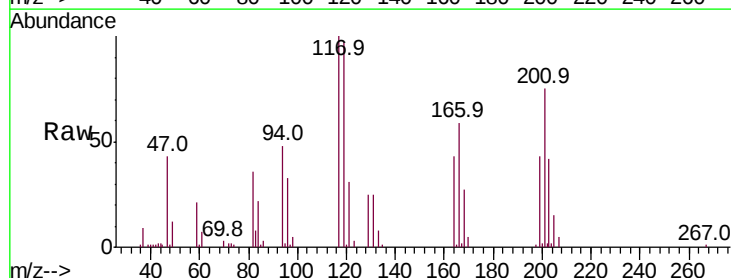
Acq: 5 Oct 2020 12:57

Tgt Ion: 117 Resp: 40058

Ion Ratio Lower Upper

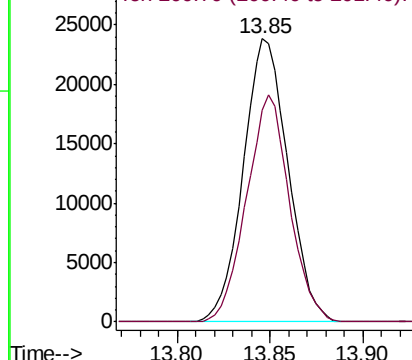
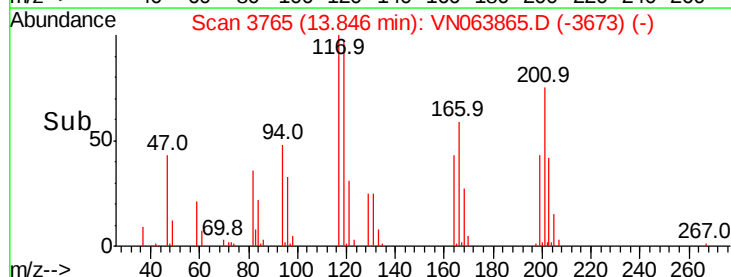
117 100

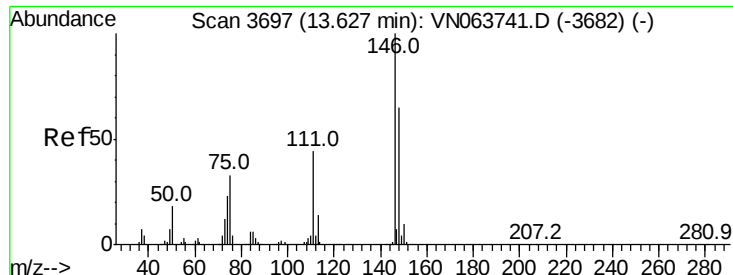
201 77.0 36.0 108.0



Abundance Ion 116.80 (116.50 to 117.50): VN063865.D (-3749) (-)

25000 Ion 200.70 (200.40 to 201.40): VN063865.D (-3749) (-)





#91

1,2-Dichlorobenzene

Concen: 19.256 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. 0.00 min

Lab File: VN063865.D

Acq: 5 Oct 2020 12:57

Instrument :

MSVOA_N

ClientSampleId :

VN1005MBS01

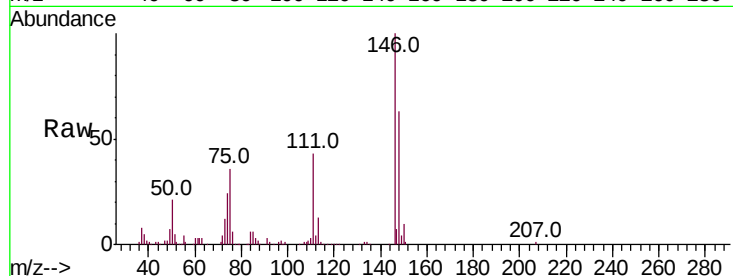
Tot Ion:146 Resp: 118868

Ion Ratio Lower Upper

146 100

111 43.0 22.2 66.6

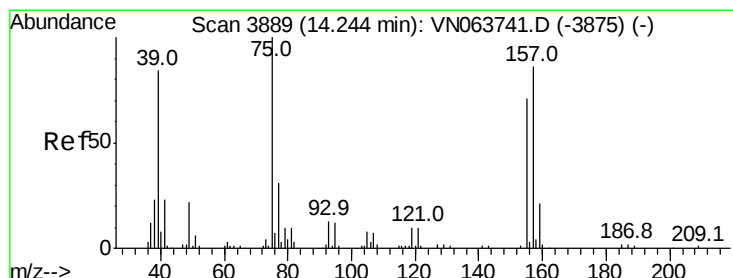
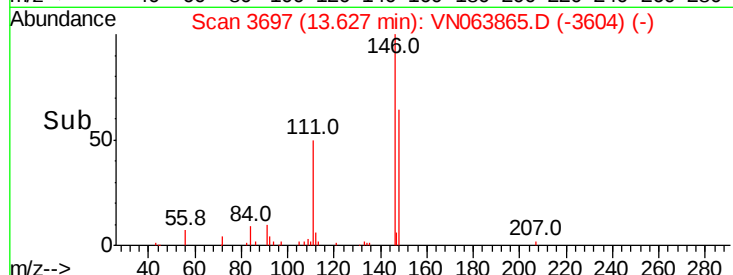
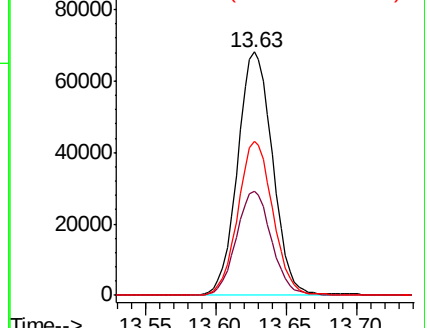
148 63.0 32.5 97.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.214 ug/l

RT: 14.24 min Scan# 3888

Delta R.T. -0.00 min

Lab File: VN063865.D

Acq: 5 Oct 2020 12:57

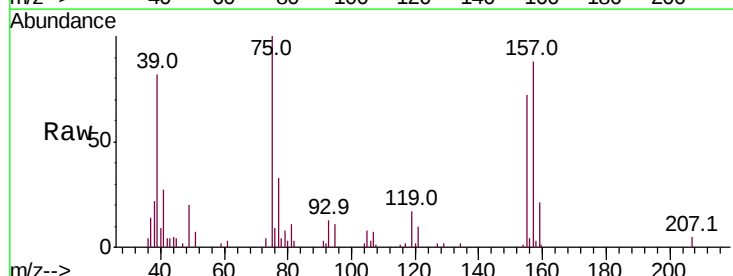
Tgt Ion: 75 Resp: 18339

Ion Ratio Lower Upper

75 100

155 72.2 34.8 104.5

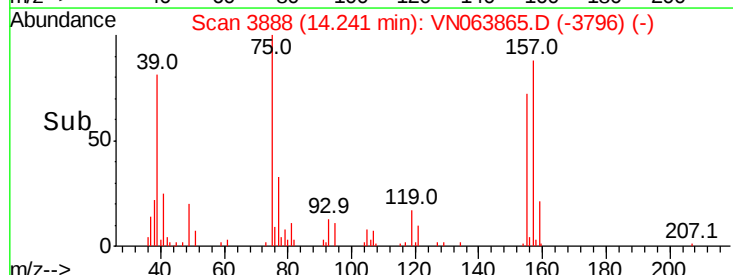
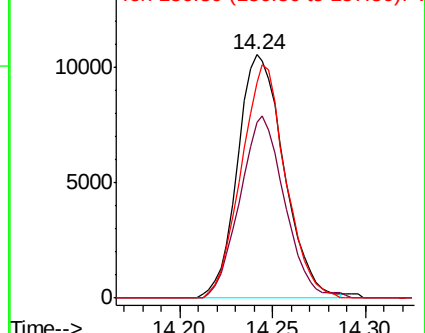
157 91.5 43.7 131.1

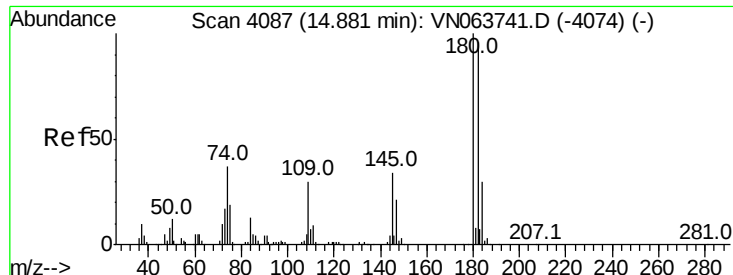


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

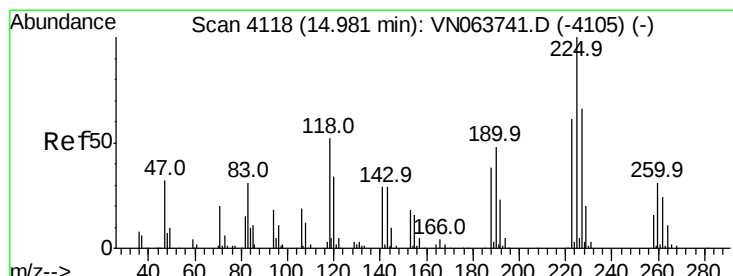
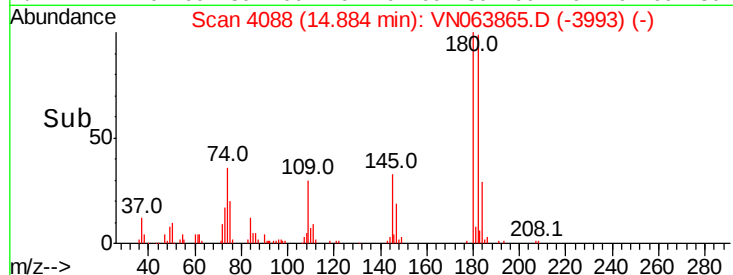
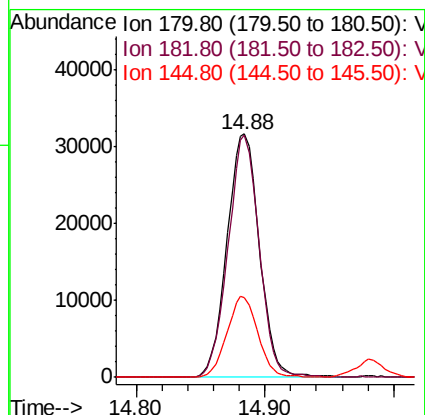
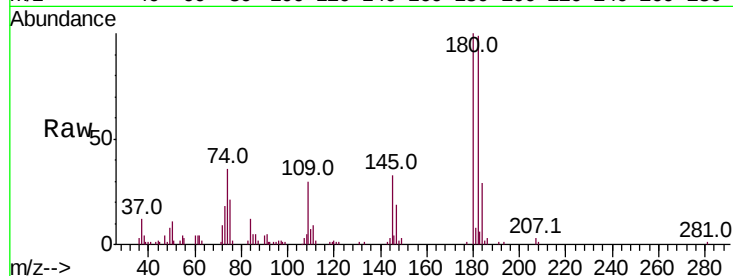




#93
 1,2,4-Trichlorobenzene
 Concen: 17.601 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063865.D
 Acq: 5 Oct 2020 12:57

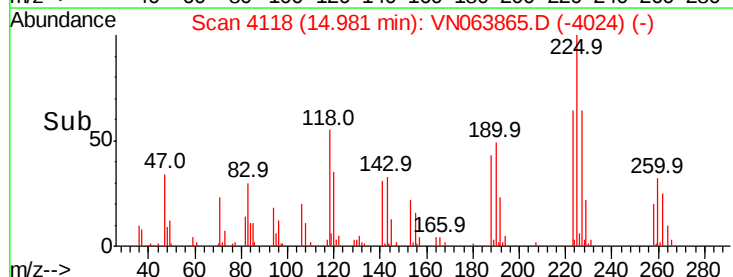
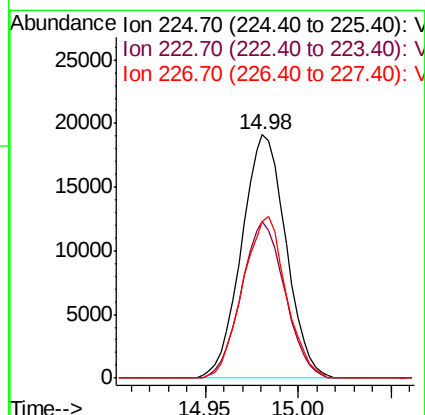
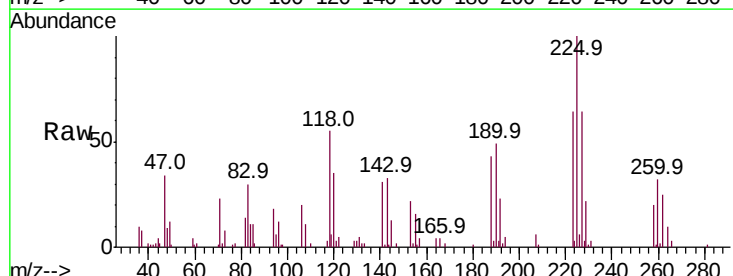
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1005MBS01

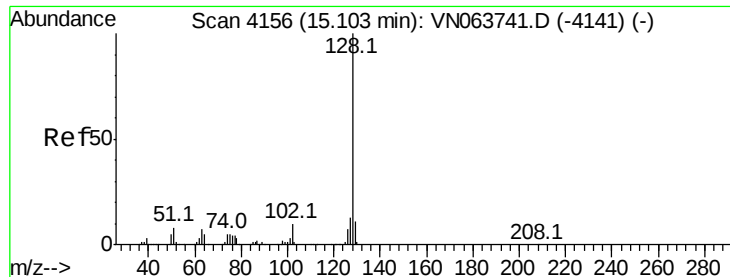
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	48.2	144.6
145	31.6	17.1	51.2



#94
 Hexachlorobutadiene
 Concen: 19.071 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN063865.D
 Acq: 5 Oct 2020 12:57

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	30.3	91.0
227	64.6	31.9	95.5

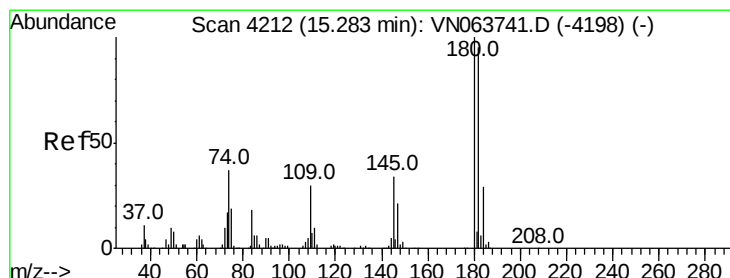
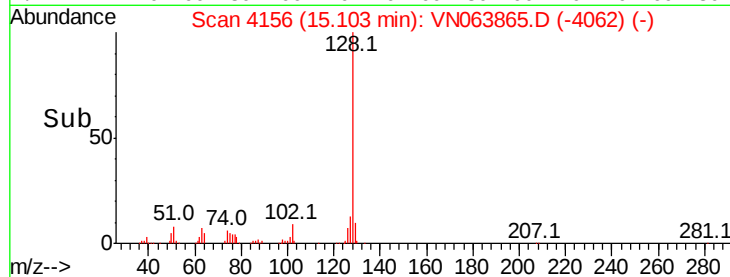
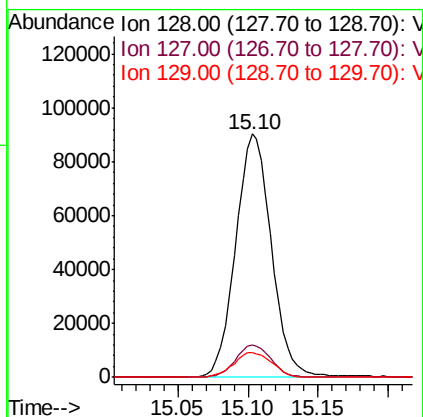
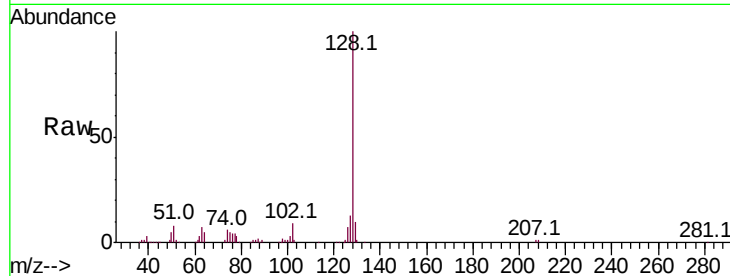




#95
Naphthalene
Concen: 16.803 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN063865.D
Acq: 5 Oct 2020 12:57

Instrument :
MSVOA_N
ClientSampleId :
VN1005MBS01

Tot Ion:128 Resp: 160716
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 17.157 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN063865.D
Acq: 5 Oct 2020 12:57

Tgt Ion:180 Resp: 52397
Ion Ratio Lower Upper
180 100
182 94.6 47.9 143.6
145 35.5 17.2 51.5

