

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081920\
 Data File : VN063014.D
 Acq On : 19 Aug 2020 15:32
 Operator : JC/MD
 Sample : VN0819MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VN0819MBS01

Quant Time: Aug 19 18:05:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 06:09:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	179144	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	275678	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	262579	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	120325	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	104219	49.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.18%	
35) Dibromofluoromethane	7.55	113	85293	47.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.96%	
50) Toluene-d8	10.06	98	316814	45.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.84%	
62) 4-Bromofluorobenzene	12.38	95	108172	44.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	41119	17.748	ug/l	100
3) Chloromethane	2.04	50	46586	18.966	ug/l	97
4) Vinyl Chloride	2.16	62	45123	18.996	ug/l	97
5) Bromomethane	2.53	94	28801	20.427	ug/l	96
6) Chloroethane	2.67	64	27024	19.268	ug/l	100
7) Trichlorofluoromethane	2.98	101	52451	17.706	ug/l	97
8) Diethyl Ether	3.37	74	18318	17.479	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	26758	16.763	ug/l	97
10) Methyl Iodide	3.91	142	34636	17.118	ug/l	99
11) Tert butyl alcohol	4.73	59	25225	83.876	ug/l	98
12) 1,1-Dichloroethene	3.70	96	24466	16.089	ug/l	87
13) Acrolein	3.57	56	5064	53.750	ug/l	100
14) Allyl chloride	4.28	41	44914	16.752	ug/l	99
15) Acrylonitrile	4.93	53	78791	89.137	ug/l	98
16) Acetone	3.78	43	60193	88.377	ug/l	98
17) Carbon Disulfide	4.01	76	68672	17.244	ug/l	100
18) Methyl Acetate	4.28	43	35363	16.760	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	95361	17.982	ug/l	97
20) Methylene Chloride	4.50	84	34744	17.698	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	28134	17.679	ug/l	97
22) Diisopropyl ether	5.90	45	115356	18.960	ug/l	95
23) Vinyl Acetate	5.84	43	351801	85.685	ug/l	100
24) 1,1-Dichloroethane	5.80	63	60695	17.852	ug/l	100
25) 2-Butanone	6.79	43	94126	83.504	ug/l	96
26) 2,2-Dichloropropane	6.78	77	42991	16.078	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	34644	17.369	ug/l	98
28) Bromochloromethane	7.15	49	34538	19.415	ug/l	99
29) Tetrahydrofuran	7.17	42	62983	86.575	ug/l	99
30) Chloroform	7.33	83	62126	18.143	ug/l	98
31) Cyclohexane	7.62	56	52348	16.728	ug/l	# 96
32) 1,1,1-Trichloroethane	7.53	97	48624	17.394	ug/l	99
36) 1,1-Dichloropropene	7.75	75	39584	16.294	ug/l	99
37) Ethyl Acetate	6.89	43	38261	16.808	ug/l	98
38) Carbon Tetrachloride	7.73	117	40977	16.707	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	45962	15.138	ug/l	95
40) Benzene	8.00	78	132198	17.157	ug/l	100
41) Methacrylonitrile	7.12	41	17234	15.890	ug/l	93
42) 1,2-Dichloroethane	8.08	62	47215	18.249	ug/l	100
43) Isopropyl Acetate	8.13	43	61587	16.330	ug/l #	92
44) Trichloroethene	8.80	130	31533	16.452	ug/l	97
45) 1,2-Dichloropropane	9.08	63	38497	17.284	ug/l	99
46) Dibromomethane	9.17	93	23479	18.248	ug/l	99
47) Bromodichloromethane	9.37	83	49312	17.498	ug/l	98
48) Methyl methacrylate	9.17	41	29691	16.639	ug/l	98
49) 1,4-Dioxane	9.17	88	12248	322.446	ug/l	94
51) 4-Methyl-2-Pentanone	9.95	43	200642	84.170	ug/l	99
52) Toluene	10.12	92	80507	17.320	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	49368	16.940	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	54404	17.017	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	35237	17.730	ug/l	97
56) Ethyl methacrylate	10.40	69	45646	16.093	ug/l	97
57) 1,3-Dichloropropane	10.68	76	58401	17.696	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.66	63	46965	72.062	ug/l	99
59) 2-Hexanone	10.72	43	137981	82.984	ug/l	96
60) Dibromochloromethane	10.87	129	38102	17.323	ug/l	99
61) 1,2-Dibromoethane	10.98	107	34422	18.025	ug/l	99
64) Tetrachloroethene	10.60	164	28294	16.392	ug/l	99
65) Chlorobenzene	11.41	112	88569	16.795	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	35021	17.073	ug/l	99
67) Ethyl Benzene	11.48	91	146444	16.435	ug/l	100
68) m/p-Xylenes	11.60	106	112936	34.101	ug/l	98
69) o-Xylene	11.92	106	52242	16.427	ug/l	98
70) Styrene	11.94	104	94025	16.249	ug/l	100
71) Bromoform	12.10	173	27767	17.007	ug/l #	99
73) Isopropylbenzene	12.23	105	140727	17.079	ug/l	100
74) N-amyl acetate	12.05	43	50804	17.215	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	49721	17.609	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	59138	25.285	ug/l #	100
77) Bromobenzene	12.50	156	39115	17.260	ug/l	99
78) n-propylbenzene	12.57	91	163052	17.361	ug/l	100
79) 2-Chlorotoluene	12.65	91	102459	17.344	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	119975	17.614	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	14352	16.853	ug/l	97
82) 4-Chlorotoluene	12.75	91	107083	17.802	ug/l	99
83) tert-Butylbenzene	12.97	119	100044	17.017	ug/l	97
84) 1,2,4-Trimethylbenzene	13.02	105	115786	17.449	ug/l	100
85) sec-Butylbenzene	13.15	105	134715	16.955	ug/l	99
86) p-Isopropyltoluene	13.26	119	115505	16.684	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	67358	17.295	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	67946	17.189	ug/l	99
89) n-Butylbenzene	13.59	91	89335	15.631	ug/l	100
90) Hexachloroethane	13.85	117	24554	16.687	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	66651	17.717	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	7530	18.145	ug/l	96

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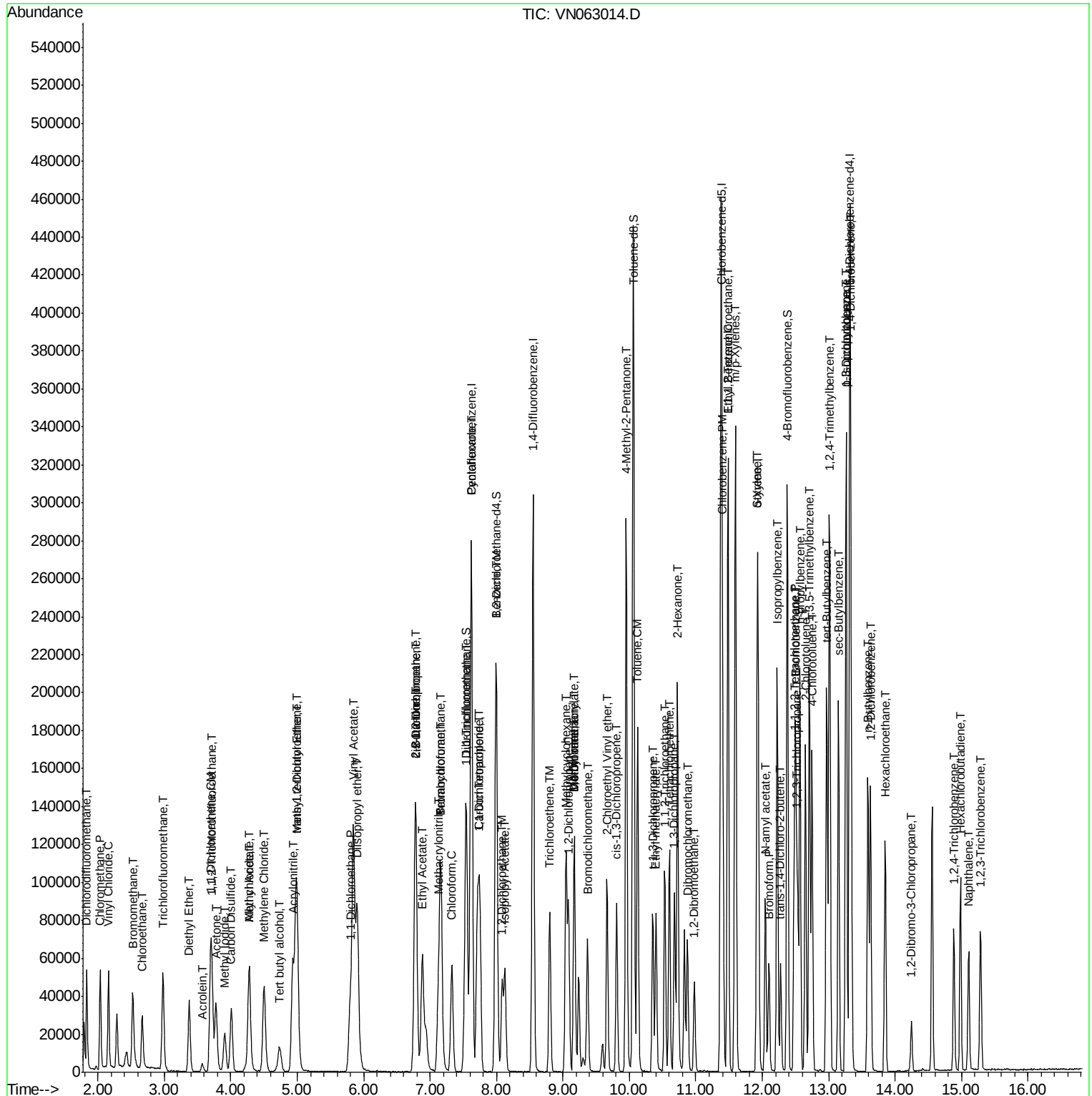
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	27779	16.655	ug/l	98
94) Hexachlorobutadiene	14.98	225	22195	15.966	ug/l	100
95) Naphthalene	15.11	128	56792	16.137	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	28268	16.697	ug/l	99

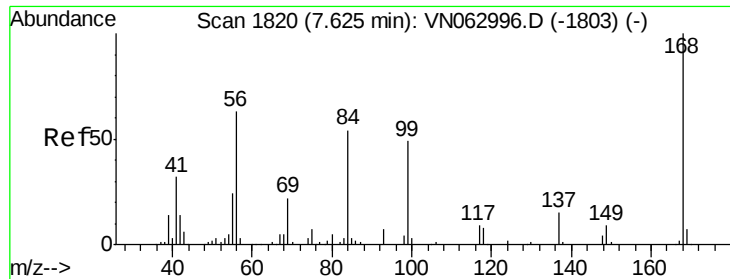
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN081920\
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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN063014.D

Acq: 19 Aug 2020 15:32

Instrument :

MSVOA_D

ClientSampleId :

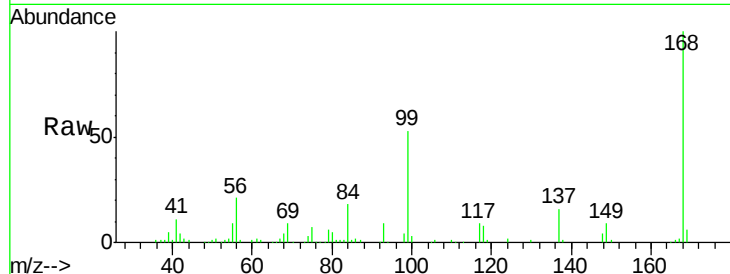
VN0819MBS01

Tgt Ion:168 Resp: 179144

Ion Ratio Lower Upper

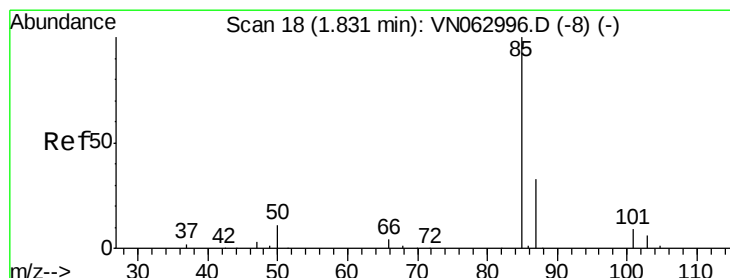
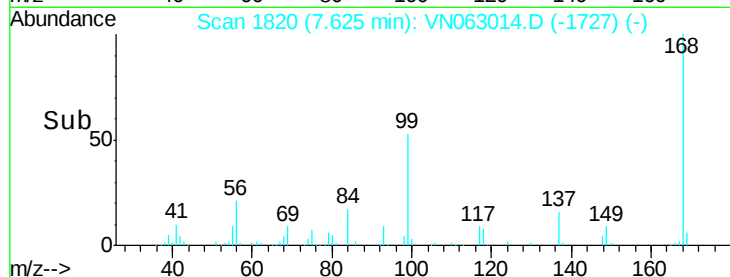
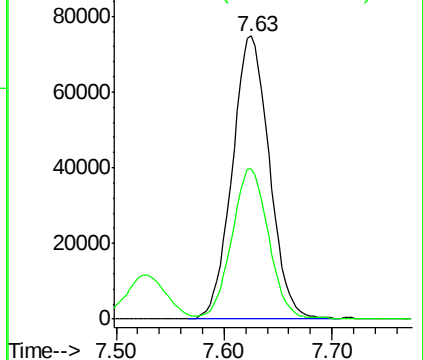
168 100

99 52.7 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 17.748 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN063014.D

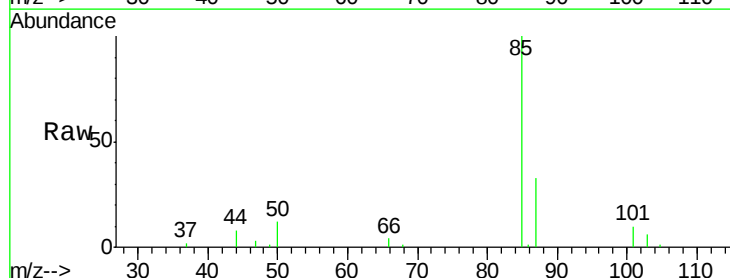
Acq: 19 Aug 2020 15:32

Tgt Ion: 85 Resp: 41119

Ion Ratio Lower Upper

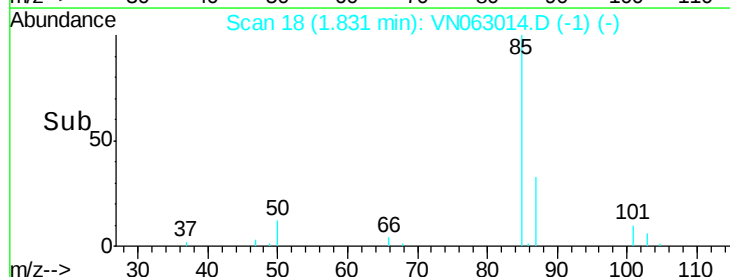
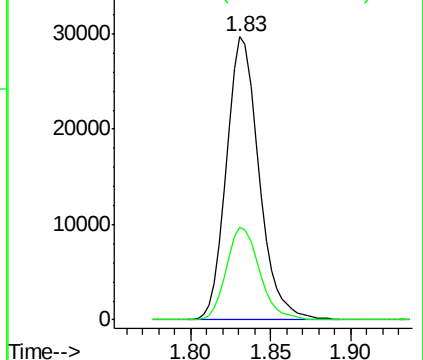
85 100

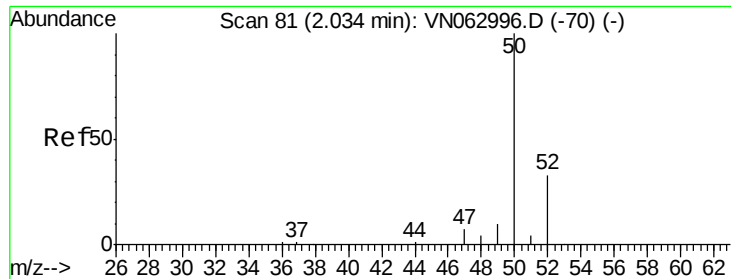
87 32.7 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

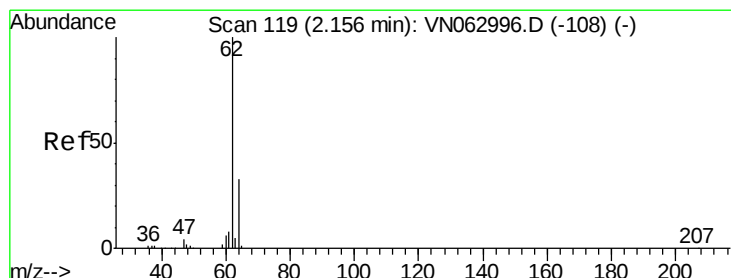
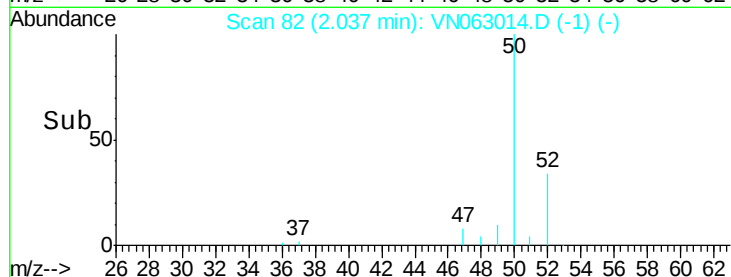
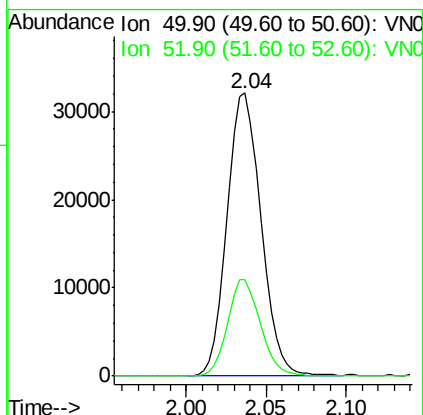
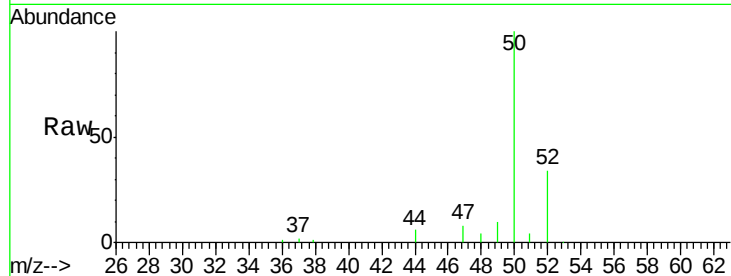




#3
Chloromethane
Concen: 18.966 ug/l
RT: 2.04 min Scan# 82
Delta R.T. 0.00 min
Lab File: VN063014.D
Acq: 19 Aug 2020 15:32

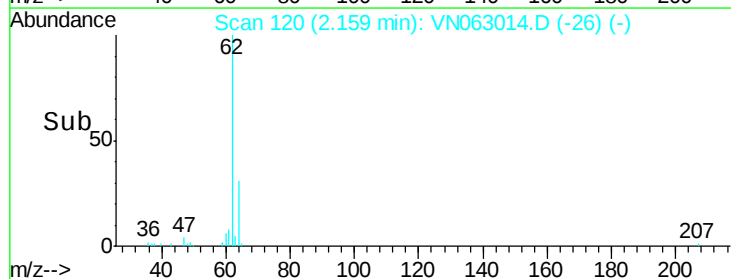
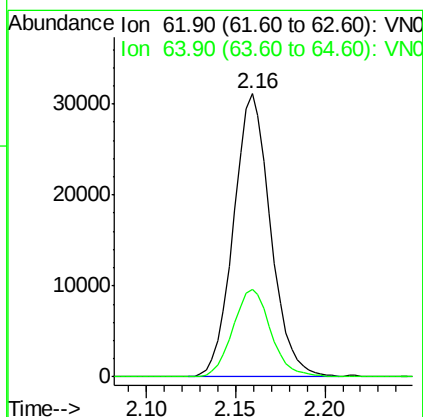
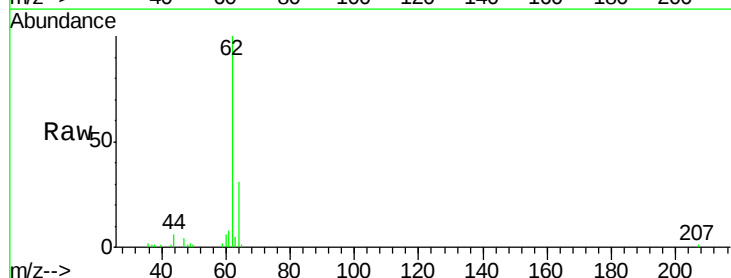
Instrument :
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VN0819MBS01

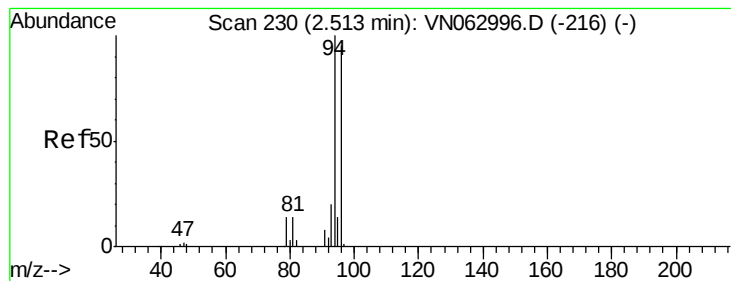
Tgt Ion: 50 Resp: 46586
Ion Ratio Lower Upper
50 100
52 34.2 26.0 39.0



#4
Vinyl Chloride
Concen: 18.996 ug/l
RT: 2.16 min Scan# 120
Delta R.T. 0.00 min
Lab File: VN063014.D
Acq: 19 Aug 2020 15:32

Tgt Ion: 62 Resp: 45123
Ion Ratio Lower Upper
62 100
64 31.1 26.2 39.2





#5

Bromomethane

Concen: 20.427 ug/l

RT: 2.53 min Scan# 234

Delta R.T. 0.01 min

Lab File: VN063014.D

Acq: 19 Aug 2020 15:32

Instrument :

MSVOA_D

ClientSampleId :

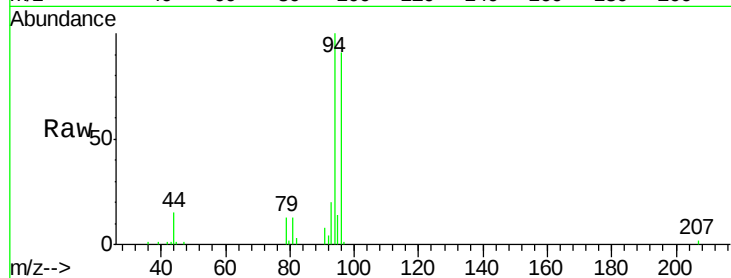
VN0819MBS01

Tgt Ion: 94 Resp: 28801

Ion Ratio Lower Upper

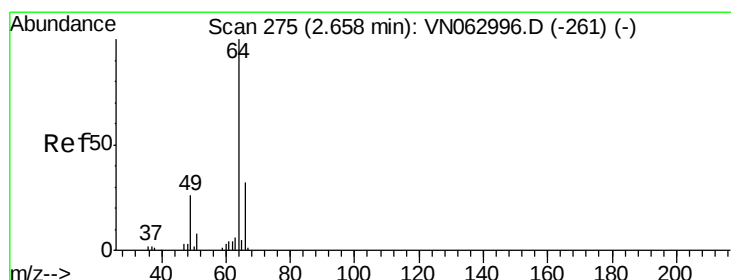
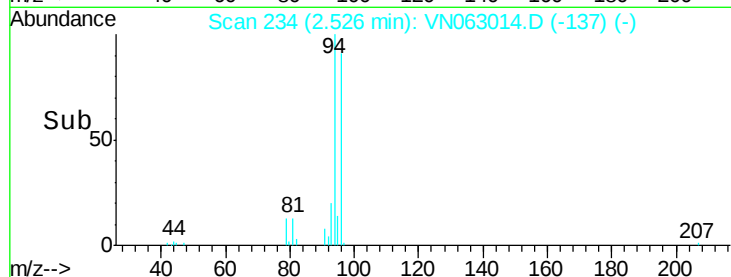
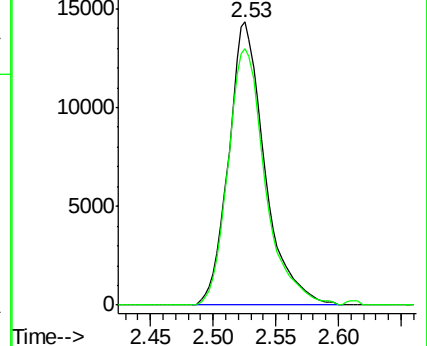
94 100

96 90.8 75.8 113.8



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 19.268 ug/l

RT: 2.67 min Scan# 278

Delta R.T. 0.01 min

Lab File: VN063014.D

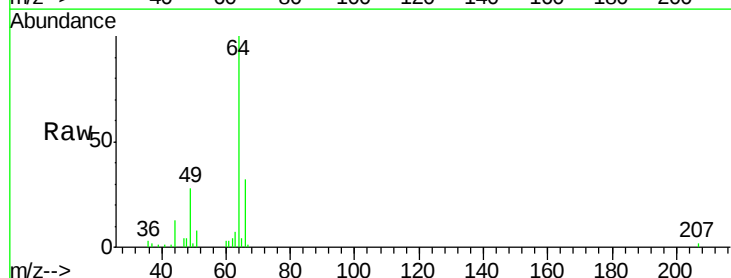
Acq: 19 Aug 2020 15:32

Tgt Ion: 64 Resp: 27024

Ion Ratio Lower Upper

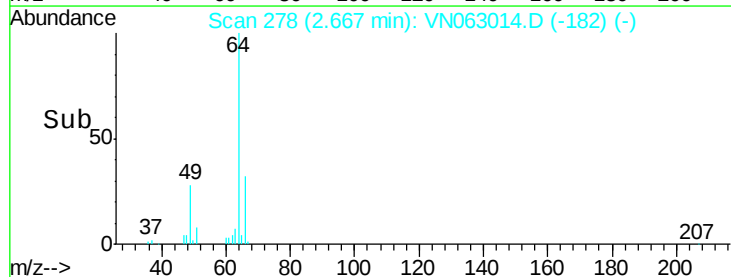
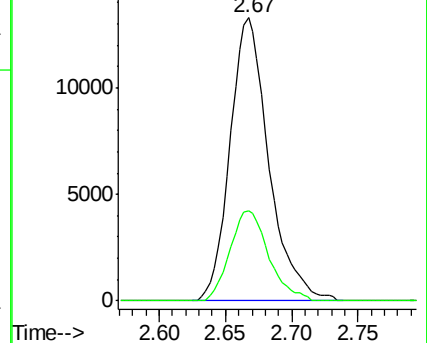
64 100

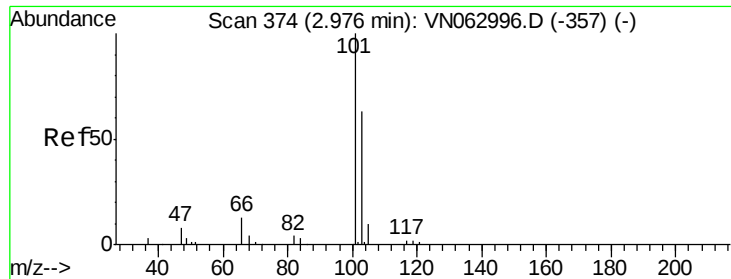
66 31.8 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



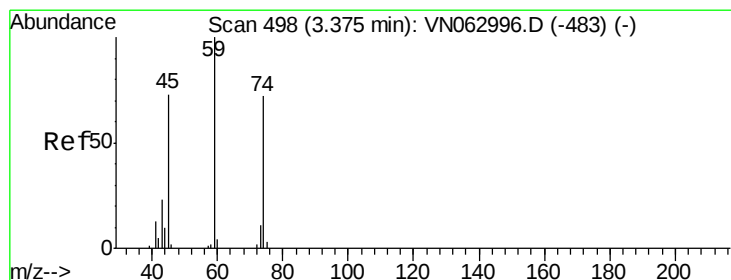
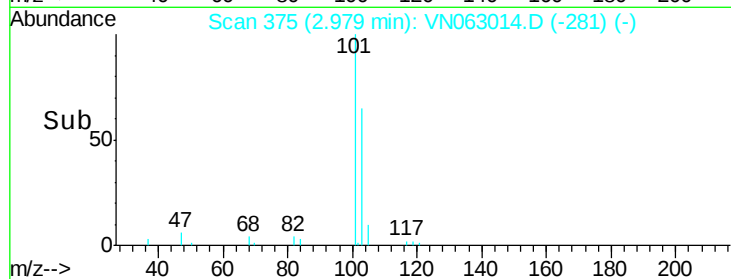
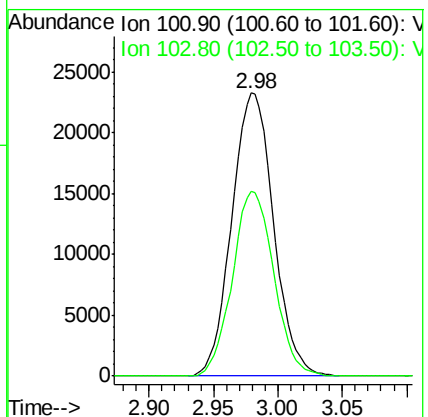
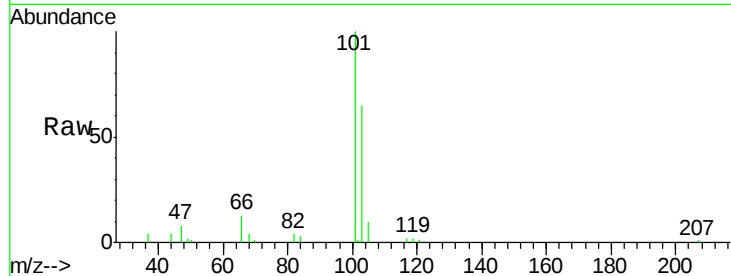


#7

Trichlorofluoromethane
 Concen: 17.706 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. 0.00 min
 Lab File: VN063014.D
 Acq: 19 Aug 2020 15:32

Instrument :
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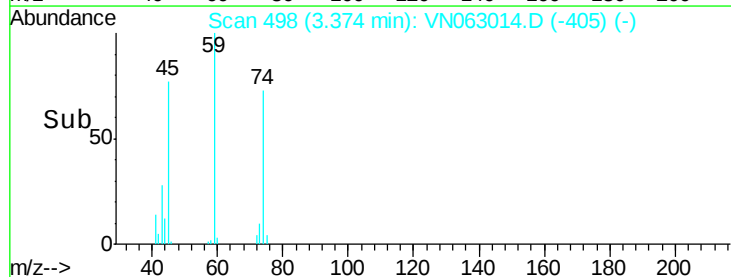
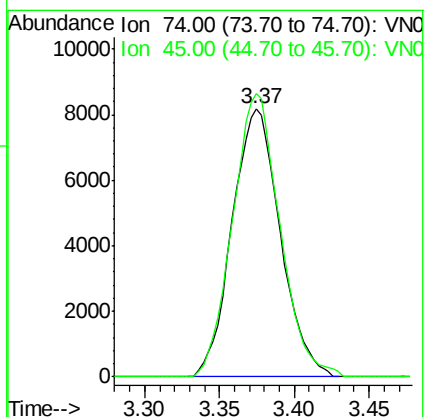
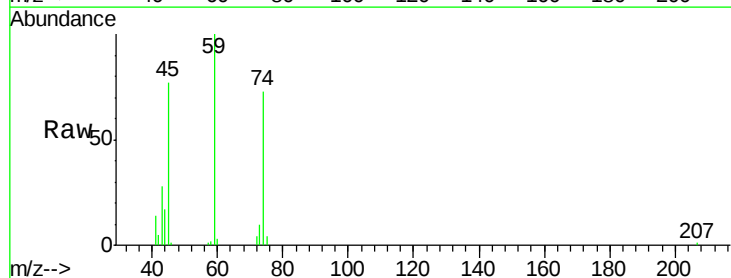
Tgt Ion:101 Resp: 52451
 Ion Ratio Lower Upper
 101 100
 103 65.3 50.5 75.7

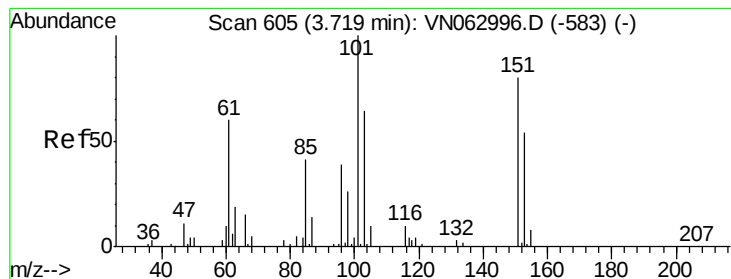


#8

Diethyl Ether
 Concen: 17.479 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. -0.00 min
 Lab File: VN063014.D
 Acq: 19 Aug 2020 15:32

Tgt Ion: 74 Resp: 18318
 Ion Ratio Lower Upper
 74 100
 45 104.2 49.9 149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.763 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN063014.D

Acq: 19 Aug 2020 15:32

Instrument :

MSVOA_D

ClientSampleId :

VN0819MBS01

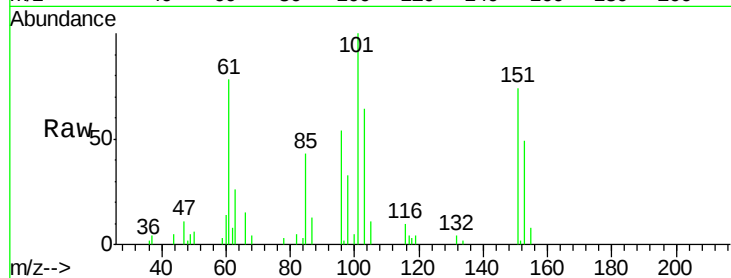
Tgt Ion:101 Resp: 26758

Ion Ratio Lower Upper

101 100

85 44.1 34.0 51.0

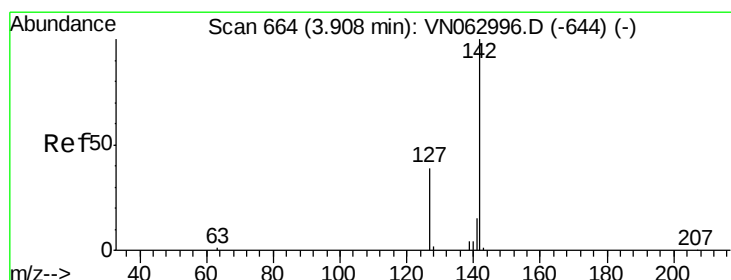
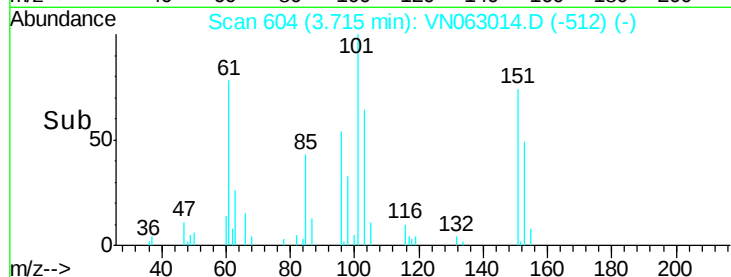
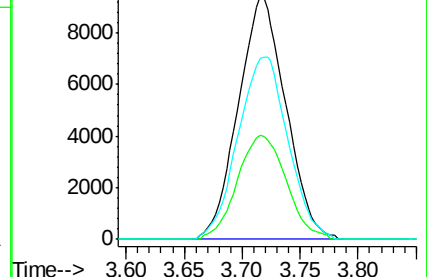
151 79.3 65.8 98.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.118 ug/l

RT: 3.91 min Scan# 664

Delta R.T. -0.00 min

Lab File: VN063014.D

Acq: 19 Aug 2020 15:32

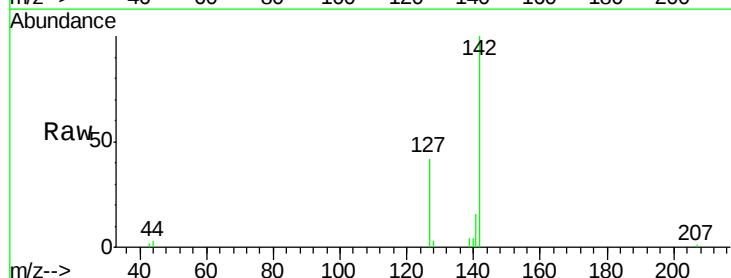
Tgt Ion:142 Resp: 34636

Ion Ratio Lower Upper

142 100

127 40.7 32.2 48.4

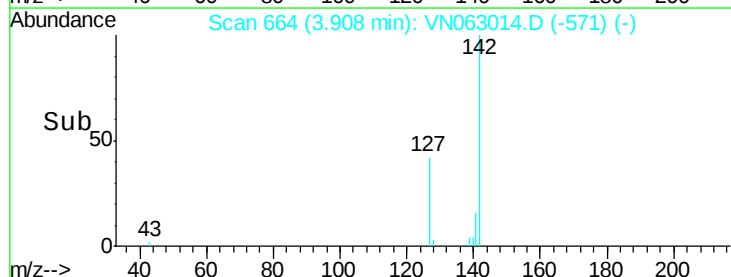
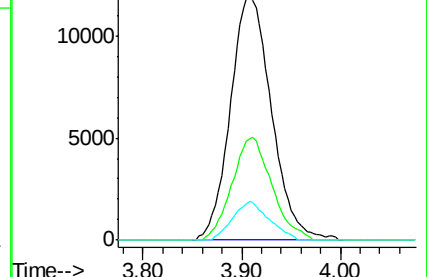
141 13.9 11.3 16.9

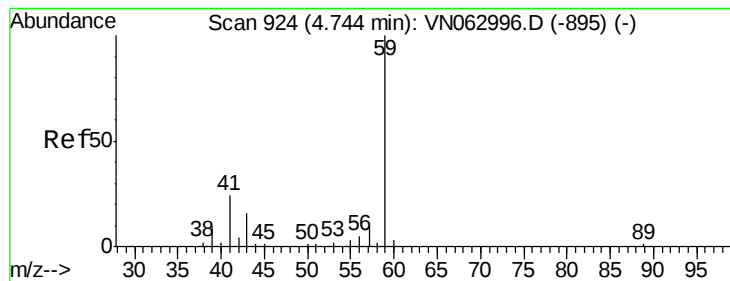


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



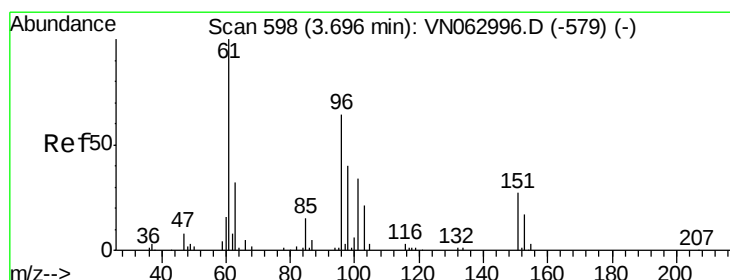
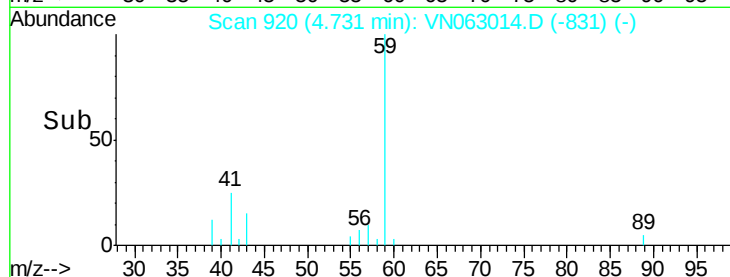
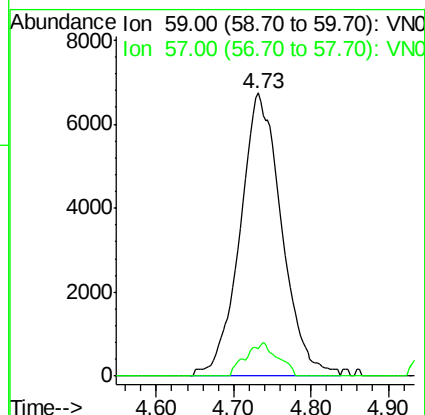
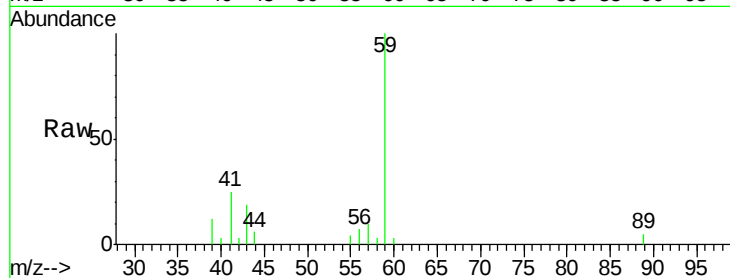


#11

Tert butyl alcohol
 Concen: 83.876 ug/l
 RT: 4.73 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: VN063014.D
 Acq: 19 Aug 2020 15:32

Instrument :
 MSVOA_D
 ClientSampleId :
 VN0819MBS01

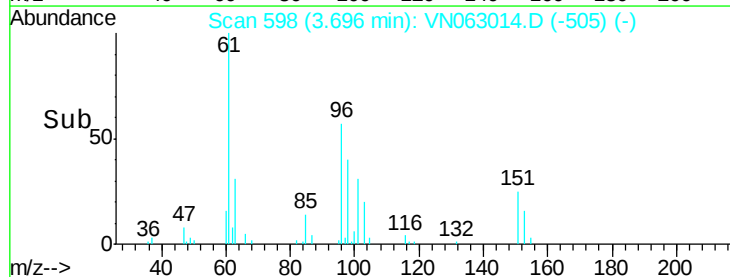
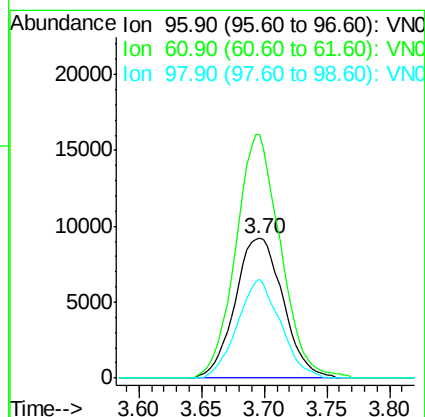
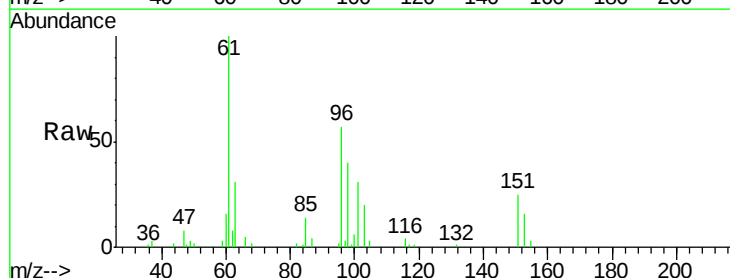
Tgt Ion: 59 Resp: 25225
 Ion Ratio Lower Upper
 59 100
 57 9.1 7.8 11.6

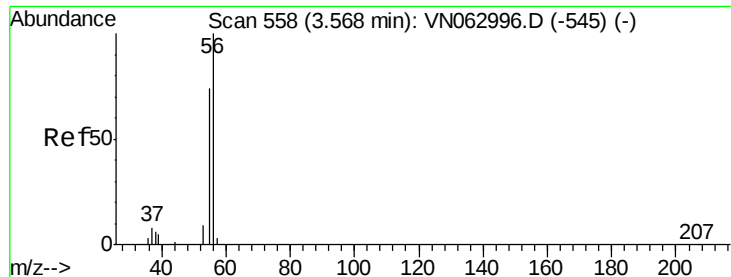


#12

1,1-Dichloroethene
 Concen: 16.089 ug/l
 RT: 3.70 min Scan# 598
 Delta R.T. -0.00 min
 Lab File: VN063014.D
 Acq: 19 Aug 2020 15:32

Tgt Ion: 96 Resp: 24466
 Ion Ratio Lower Upper
 96 100
 61 174.7 125.5 188.3
 98 70.7 50.4 75.6





#13

Acrolein

Concen: 53.750 ug/l

RT: 3.57 min Scan# 559

Delta R.T. 0.00 min

Lab File: VN063014.D

Acq: 19 Aug 2020 15:32

Instrument :

MSVOA_D

ClientSampleId :

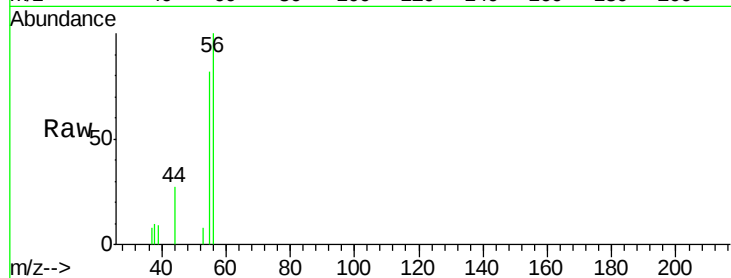
VN0819MBS01

Tgt Ion: 56 Resp: 5064

Ion Ratio Lower Upper

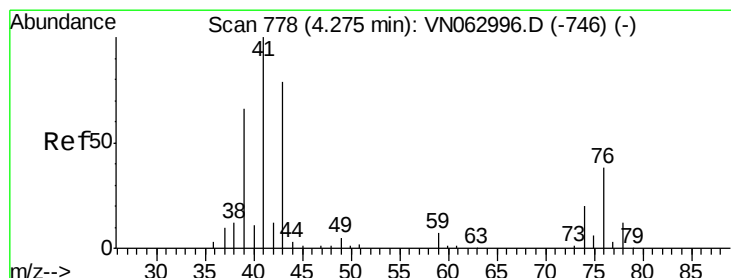
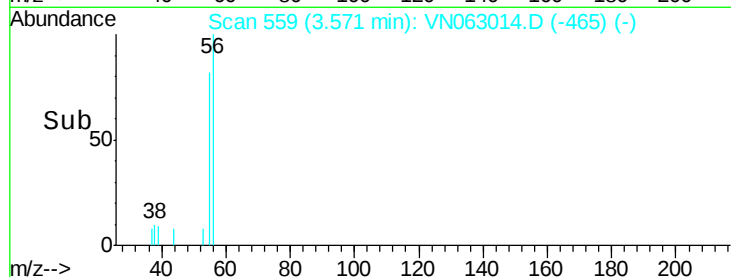
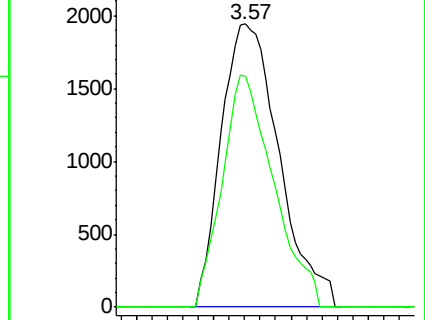
56 100

55 72.7 58.4 87.6



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 16.752 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN063014.D

Acq: 19 Aug 2020 15:32

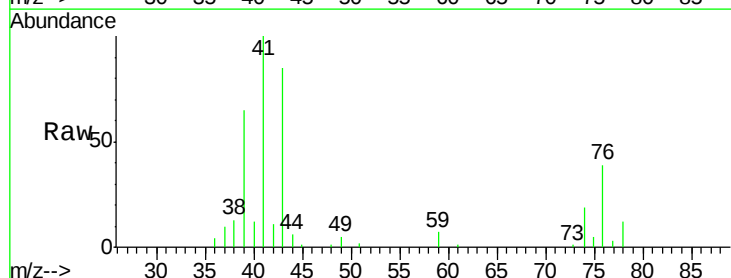
Tgt Ion: 41 Resp: 44914

Ion Ratio Lower Upper

41 100

39 59.7 47.9 71.9

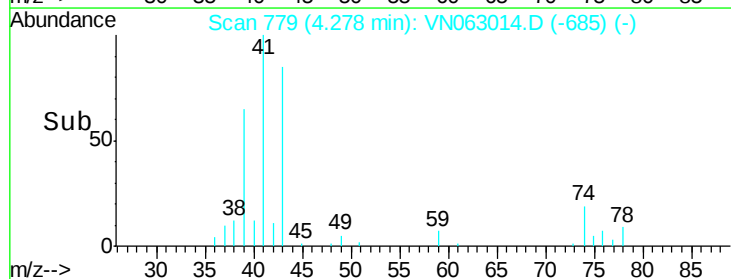
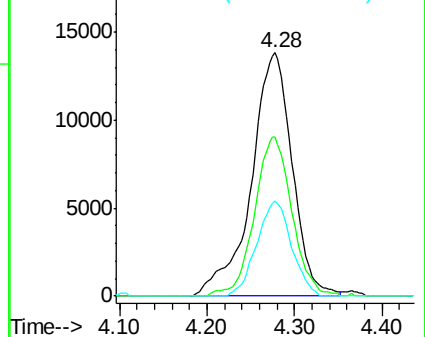
76 33.1 27.0 40.6



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 89.137 ug/l

RT: 4.93 min Scan# 983

Delta R.T. 0.00 min

Lab File: VN063014.D

Acq: 19 Aug 2020 15:32

Instrument :

MSVOA_D

ClientSampleId :

VN0819MBS01

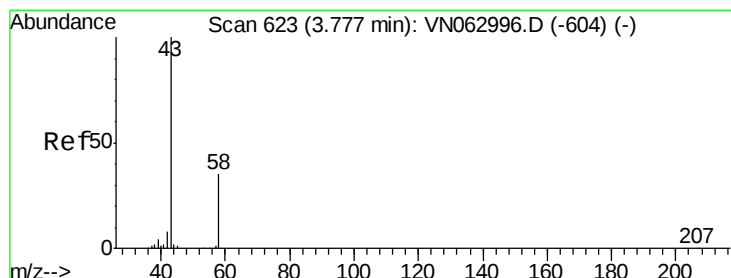
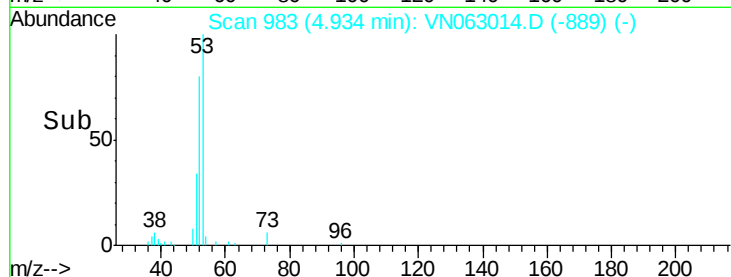
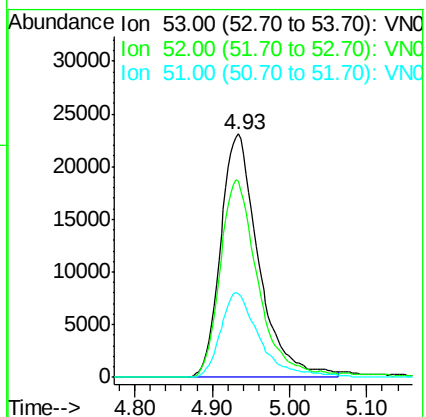
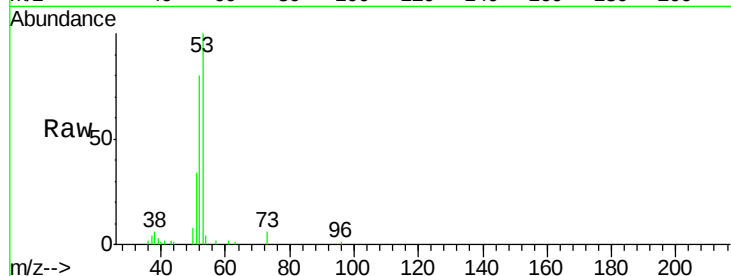
Tgt Ion: 53 Resp: 78791

Ion Ratio Lower Upper

53 100

52 79.8 65.6 98.4

51 35.8 28.2 42.4



#16

Acetone

Concen: 88.377 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN063014.D

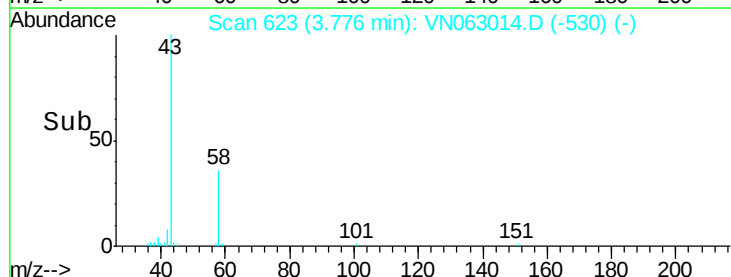
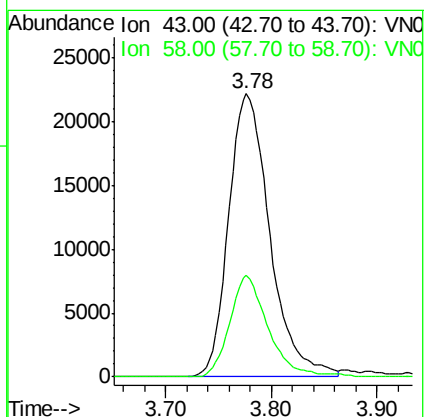
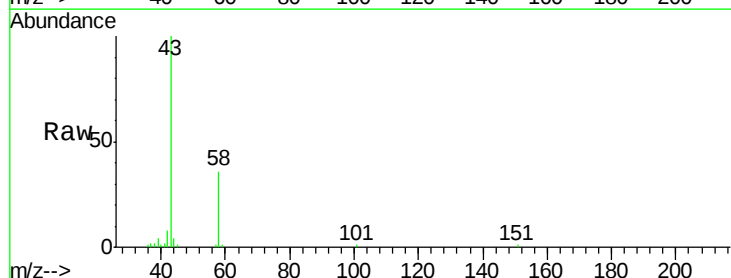
Acq: 19 Aug 2020 15:32

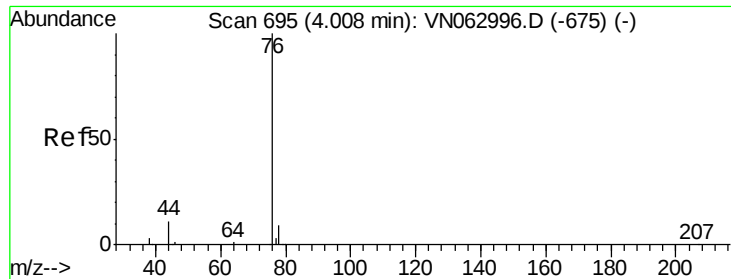
Tgt Ion: 43 Resp: 60193

Ion Ratio Lower Upper

43 100

58 36.0 27.8 41.6





#17

Carbon Disulfide

Concen: 17.244 ug/l

RT: 4.01 min Scan# 695

Delta R.T. -0.00 min

Lab File: VN063014.D

Acq: 19 Aug 2020 15:32

Instrument :

MSVOA_D

ClientSampleId :

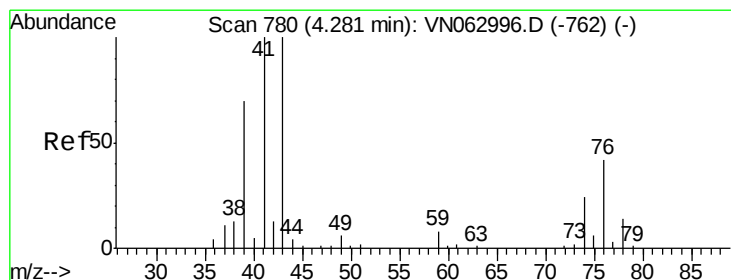
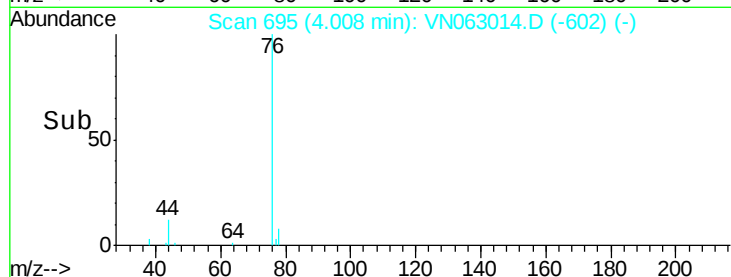
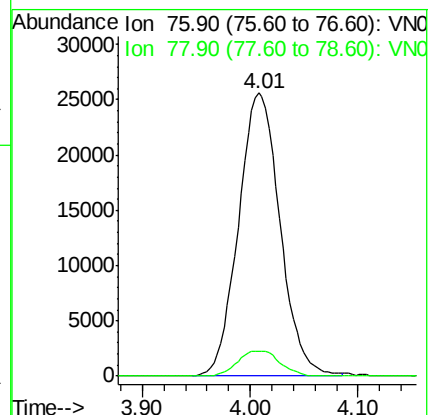
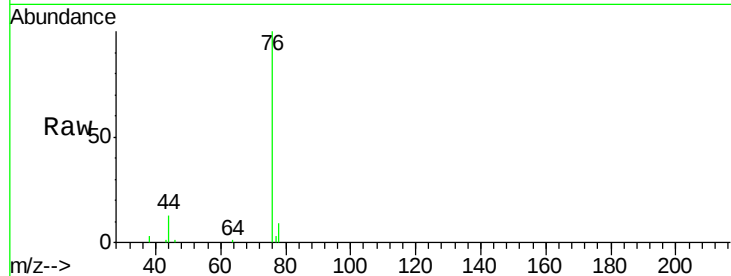
VN0819MBS01

Tgt Ion: 76 Resp: 68672

Ion Ratio Lower Upper

76 100

78 8.7 6.9 10.3



#18

Methyl Acetate

Concen: 16.760 ug/l

RT: 4.28 min Scan# 779

Delta R.T. -0.00 min

Lab File: VN063014.D

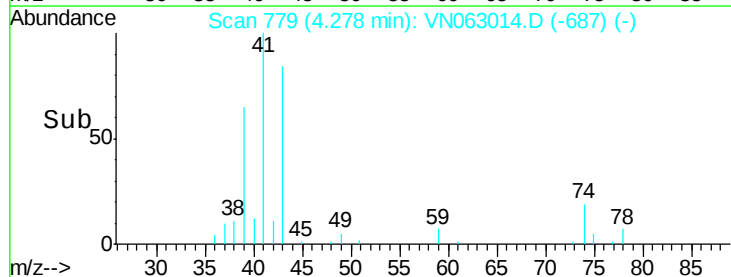
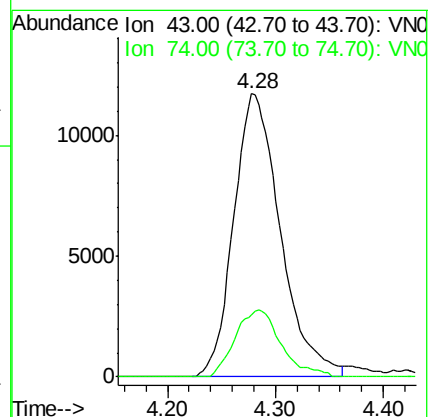
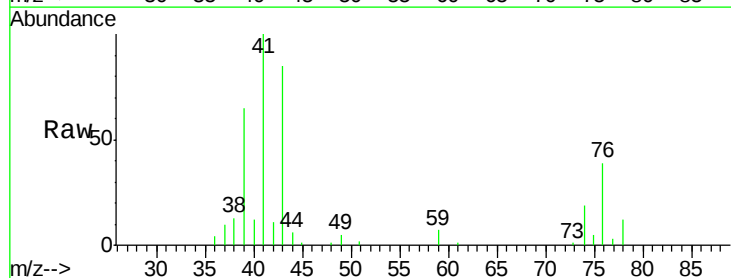
Acq: 19 Aug 2020 15:32

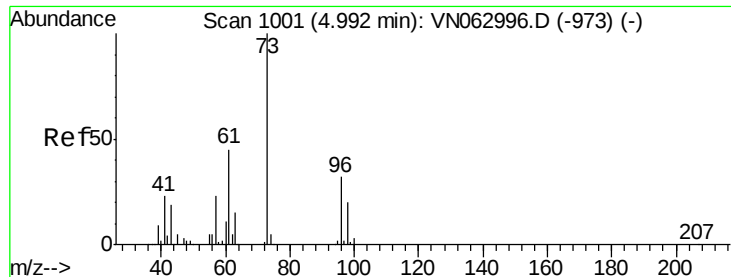
Tgt Ion: 43 Resp: 35363

Ion Ratio Lower Upper

43 100

74 23.1 18.6 28.0

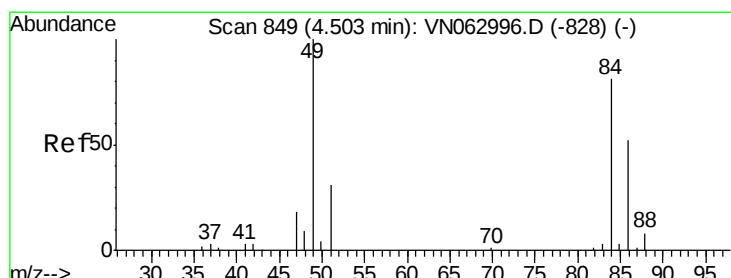
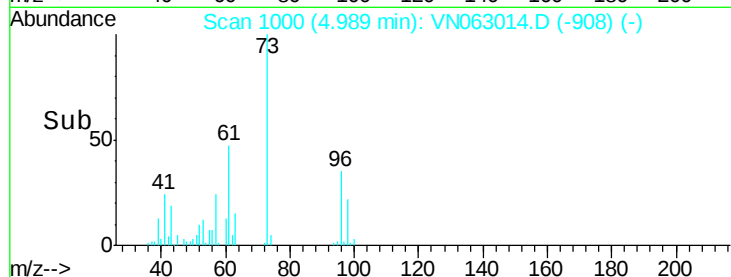
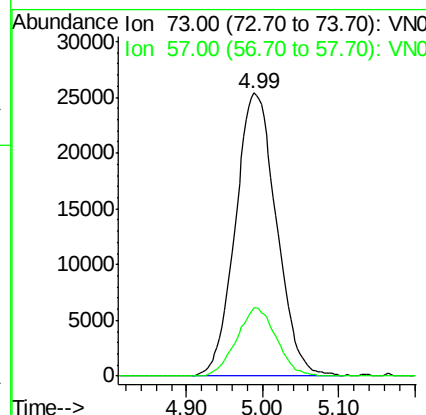
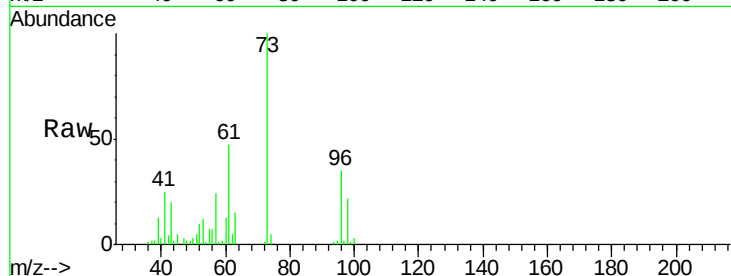




#19
Methyl tert-butyl Ether
Concen: 17.982 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN063014.D
Acq: 19 Aug 2020 15:32

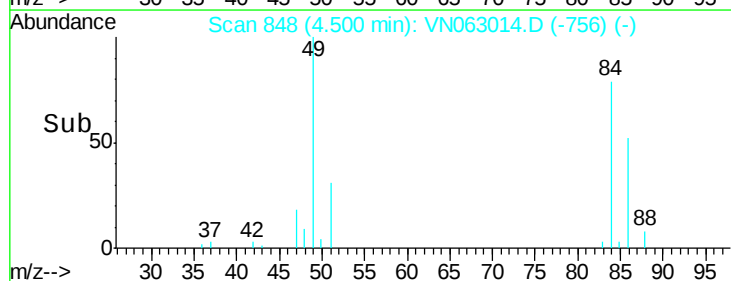
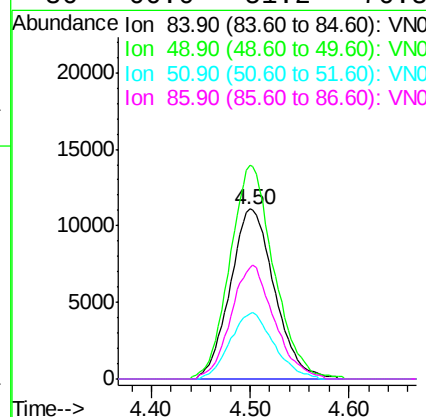
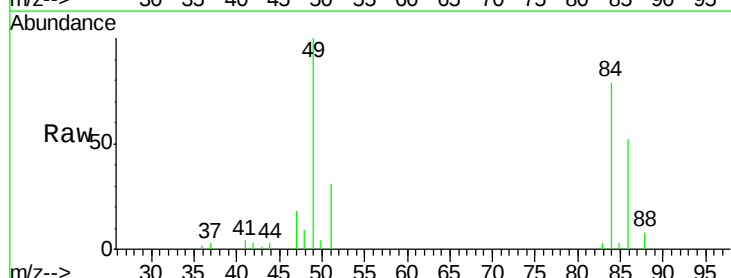
Instrument :
MSVOA_D
ClientSampleId :
VN0819MBS01

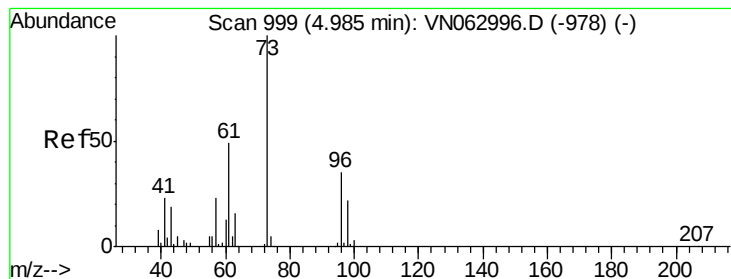
Tgt Ion: 73 Resp: 95361
Ion Ratio Lower Upper
73 100
57 24.1 18.1 27.1



#20
Methylene Chloride
Concen: 17.698 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN063014.D
Acq: 19 Aug 2020 15:32

Tgt Ion: 84 Resp: 34744
Ion Ratio Lower Upper
84 100
49 124.4 98.7 148.1
51 38.5 30.8 46.2
86 66.0 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 17.679 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN063014.D

Acq: 19 Aug 2020 15:32

Instrument :

MSVOA_D

ClientSampleId :

VN0819MBS01

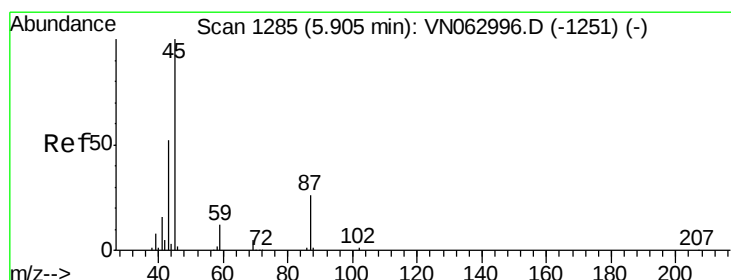
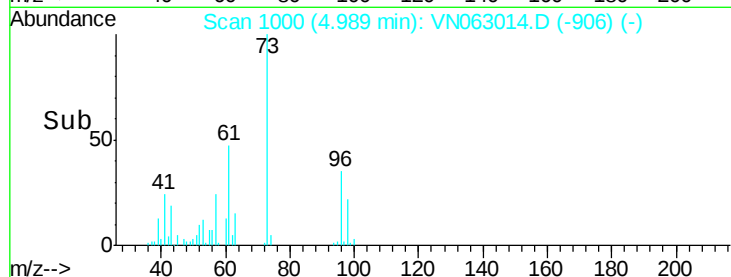
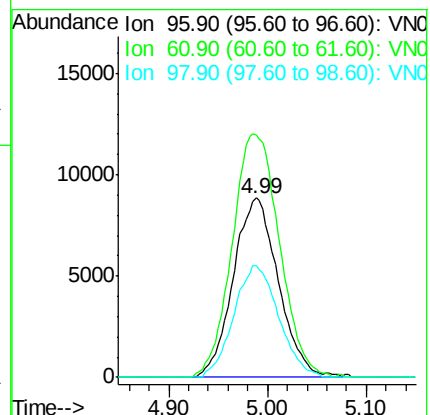
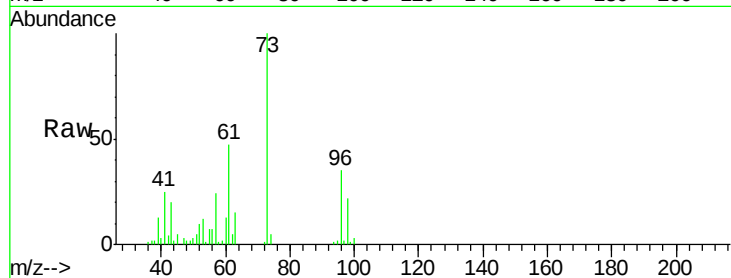
Tgt Ion: 96 Resp: 28134

Ion Ratio Lower Upper

96 100

61 135.0 112.5 168.7

98 62.5 49.4 74.0



#22

Diisopropyl ether

Concen: 18.960 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VN063014.D

Acq: 19 Aug 2020 15:32

Tgt Ion: 45 Resp: 115356

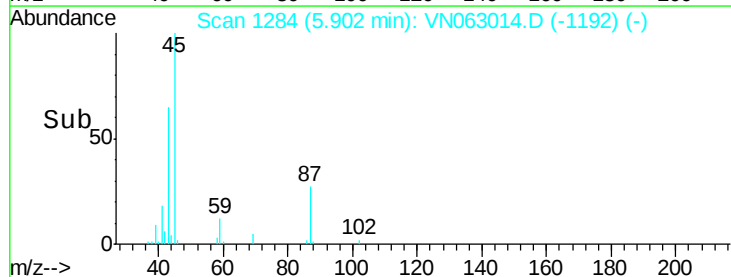
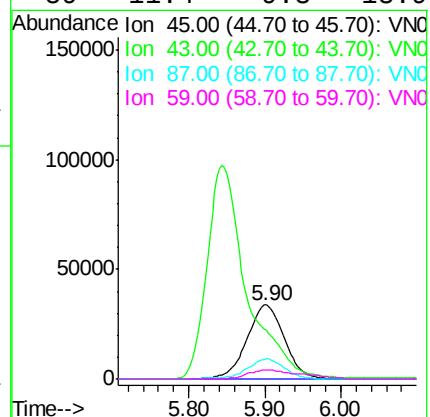
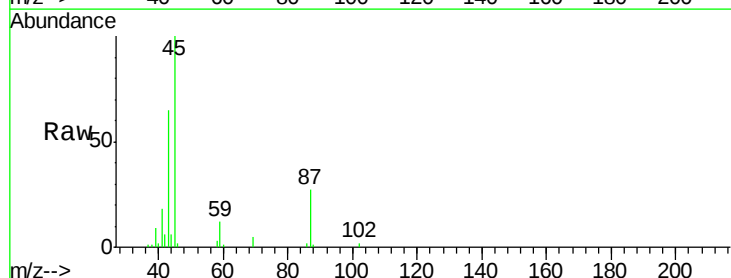
Ion Ratio Lower Upper

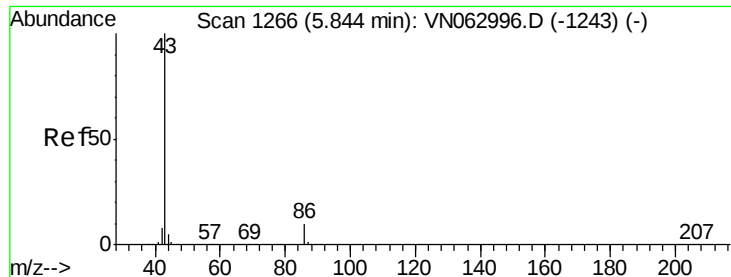
45 100

43 62.9 45.7 68.5

87 27.4 21.8 32.6

59 11.4 9.3 13.9





#23

Vinyl Acetate

Concen: 85.685 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. -0.00 min

Lab File: VN063014.D

Acq: 19 Aug 2020 15:32

Instrument :

MSVOA_D

ClientSampleId :

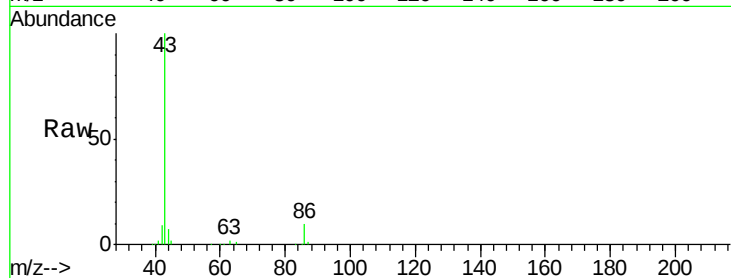
VN0819MBS01

Tgt Ion: 43 Resp: 351801

Ion Ratio Lower Upper

43 100

86 10.1 8.0 12.0



Abundance Ion 43.00 (42.70 to 43.70): VN062996.D (-1243) (-)

Ion 86.00 (85.70 to 86.70): VN062996.D (-1243) (-)

5.84

100000

80000

60000

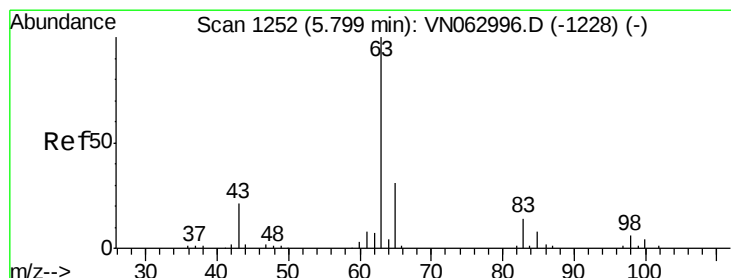
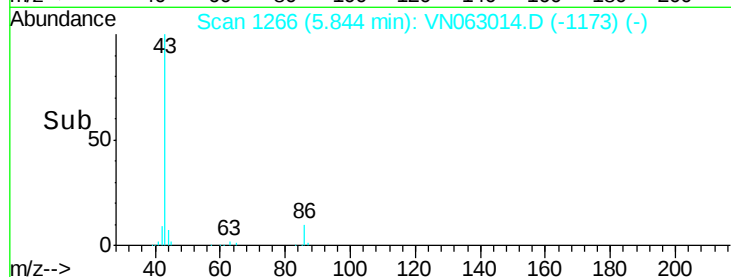
40000

20000

0

5.70 5.80 5.90 6.00

Time-->



#24

1,1-Dichloroethane

Concen: 17.852 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN063014.D

Acq: 19 Aug 2020 15:32

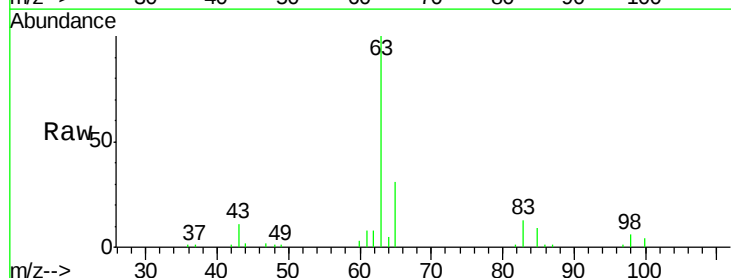
Tgt Ion: 63 Resp: 60695

Ion Ratio Lower Upper

63 100

98 5.9 2.9 8.7

100 3.7 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VN062996.D (-1228) (-)

Ion 97.90 (97.60 to 98.60): VN062996.D (-1228) (-)

Ion 99.90 (99.60 to 100.60): VN062996.D (-1228) (-)

5.80

25000

20000

15000

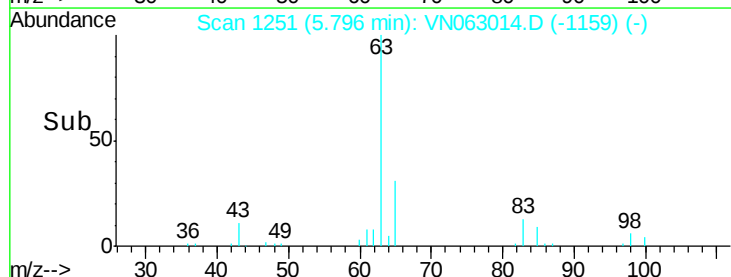
10000

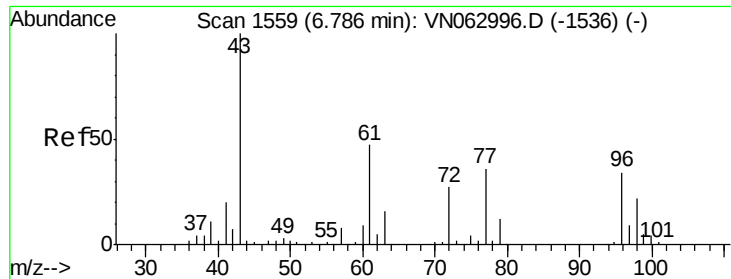
5000

0

5.70 5.80 5.90

Time-->





#25

2-Butanone

Concen: 83.504 ug/l

RT: 6.79 min Scan# 1559

Delta R.T. -0.00 min

Lab File: VN063014.D

Acq: 19 Aug 2020 15:32

Instrument :

MSVOA_D

ClientSampleId :

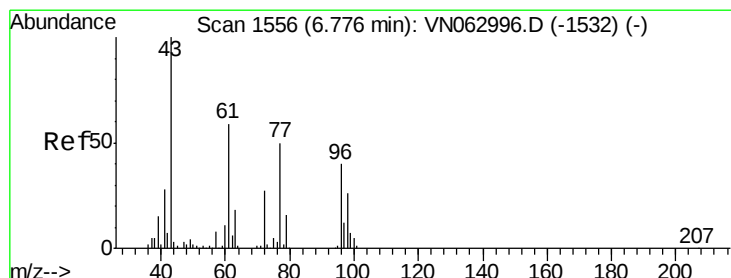
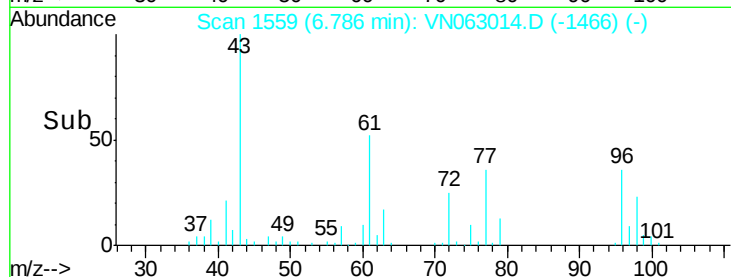
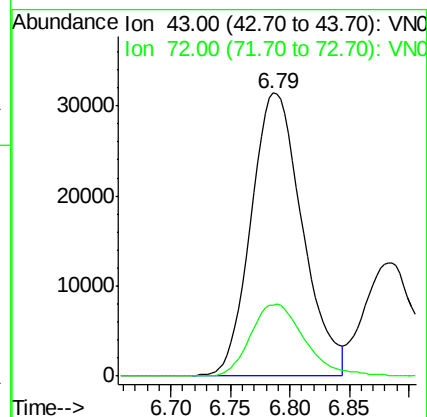
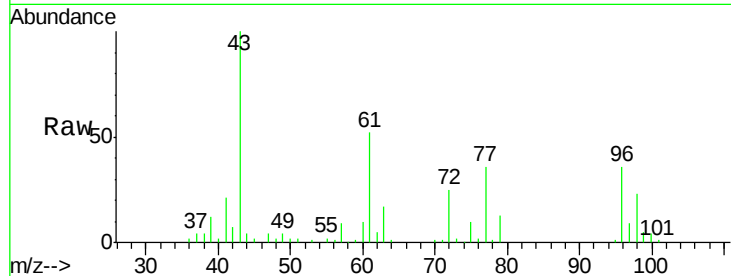
VN0819MBS01

Tgt Ion: 43 Resp: 94126

Ion Ratio Lower Upper

43 100

72 25.1 21.8 32.6



#26

2,2-Dichloropropane

Concen: 16.078 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.00 min

Lab File: VN063014.D

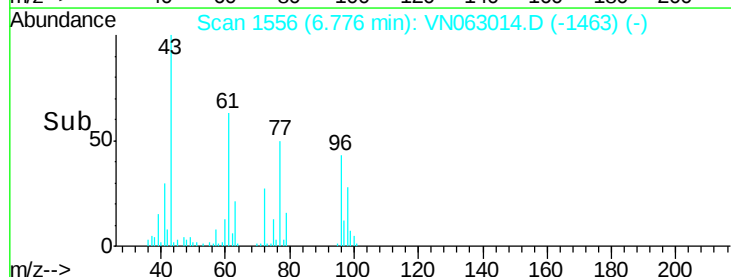
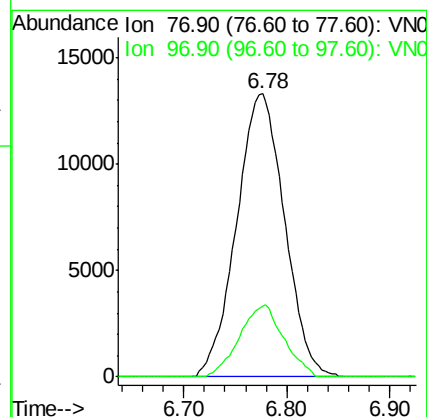
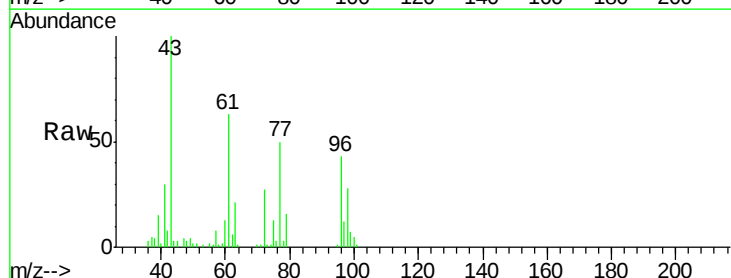
Acq: 19 Aug 2020 15:32

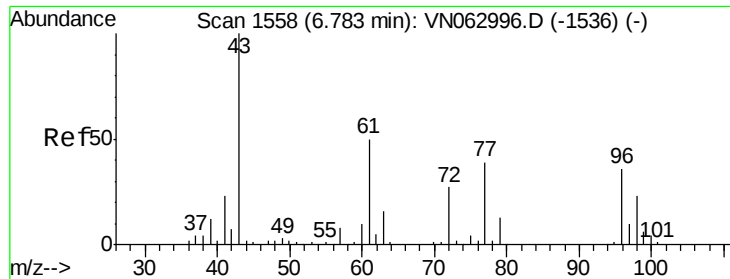
Tgt Ion: 77 Resp: 42991

Ion Ratio Lower Upper

77 100

97 23.4 11.7 35.1

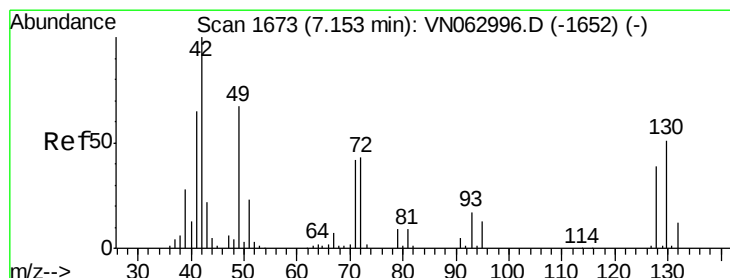
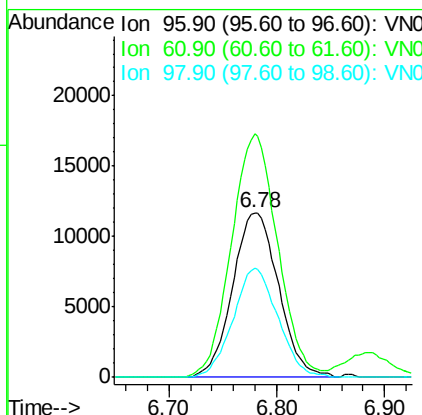
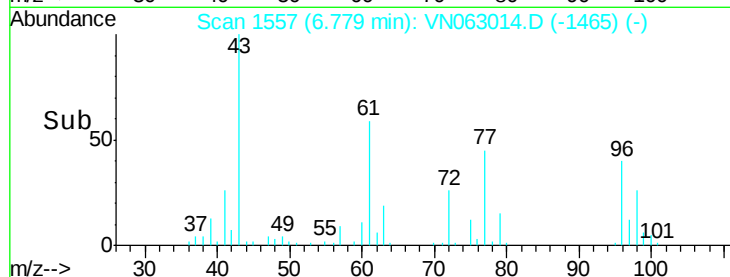
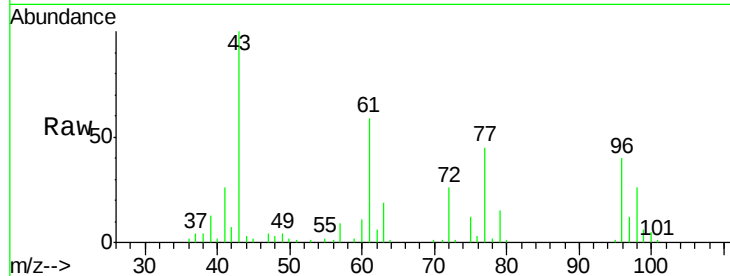




#27
 cis-1,2-Dichloroethene
 Concen: 17.369 ug/l
 RT: 6.78 min Scan# 1557
 Delta R.T. -0.00 min
 Lab File: VN063014.D
 Acq: 19 Aug 2020 15:32

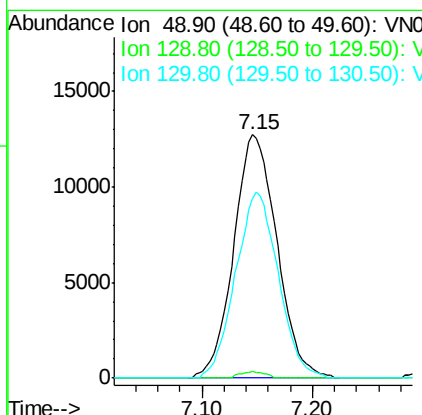
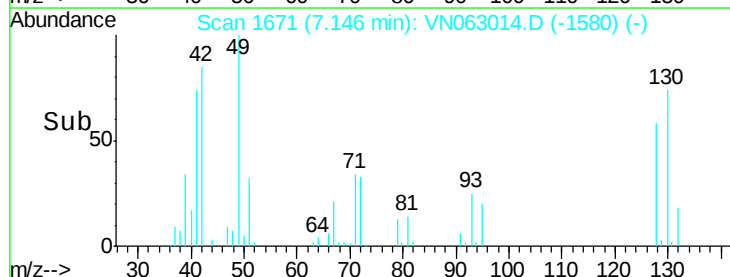
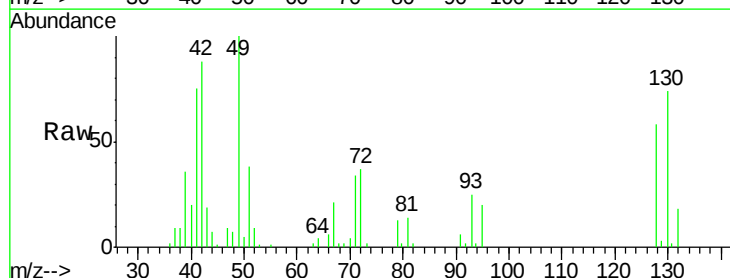
Instrument :
 MSVOA_D
 ClientSampleId :
 VN0819MBS01

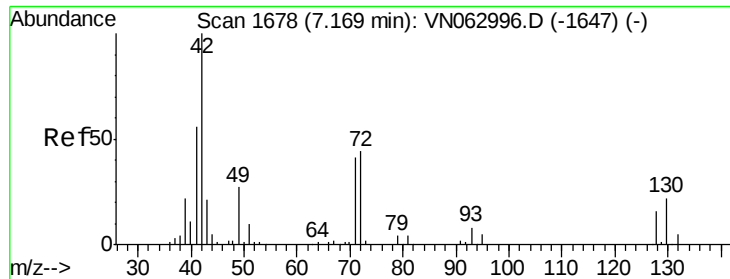
Tgt Ion: 96 Resp: 34644
 Ion Ratio Lower Upper
 96 100
 61 148.7 0.0 292.8
 98 64.6 0.0 130.6



#28
 Bromochloromethane
 Concen: 19.415 ug/l
 RT: 7.15 min Scan# 1671
 Delta R.T. -0.01 min
 Lab File: VN063014.D
 Acq: 19 Aug 2020 15:32

Tgt Ion: 49 Resp: 34538
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 3.6
 130 75.5 61.1 91.7

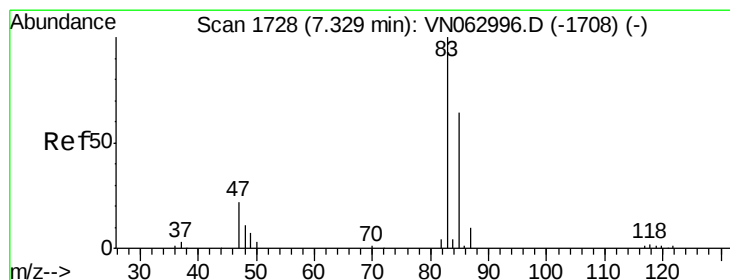
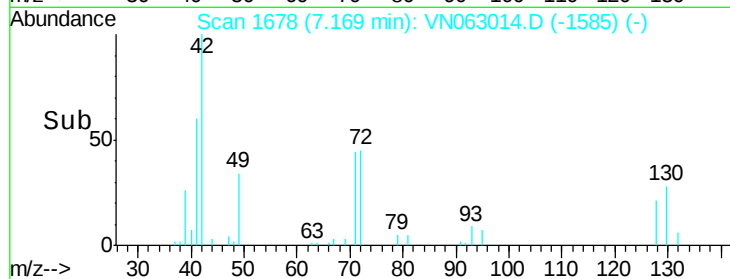
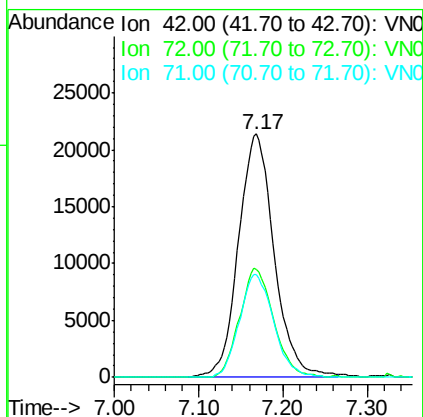
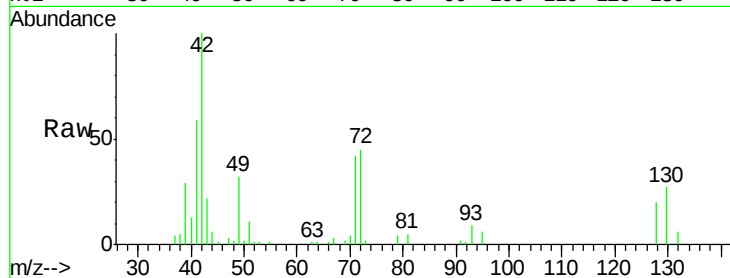




#29
Tetrahydrofuran
Concen: 86.575 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. -0.00 min
Lab File: VN063014.D
Acq: 19 Aug 2020 15:32

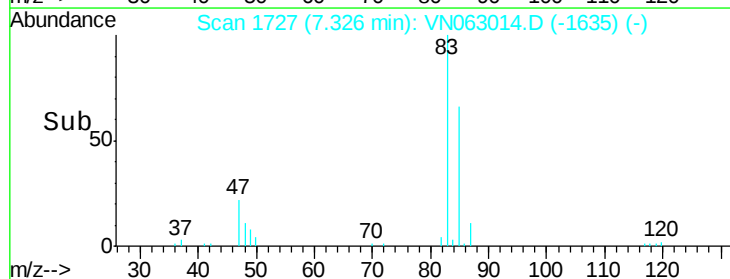
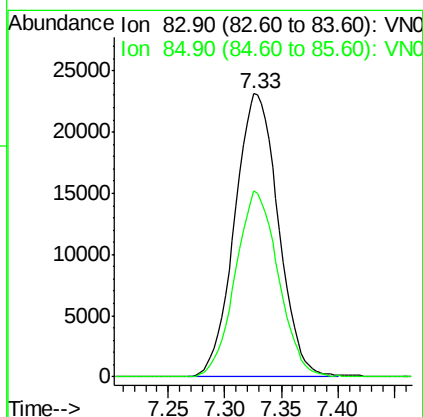
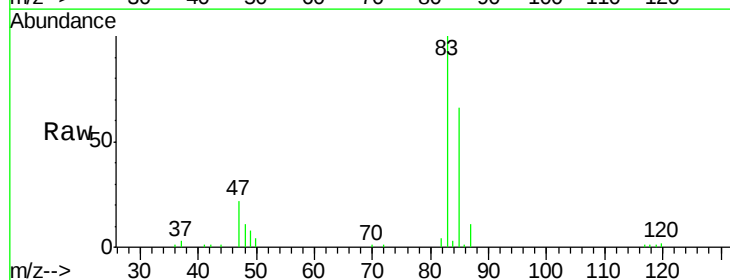
Instrument :
MSVOA_D
ClientSampleId :
VN0819MBS01

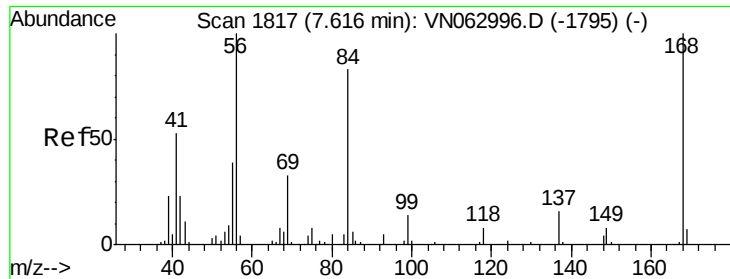
Tgt Ion: 42 Resp: 62983
Ion Ratio Lower Upper
42 100
72 42.6 34.6 52.0
71 40.7 32.3 48.5



#30
Chloroform
Concen: 18.143 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN063014.D
Acq: 19 Aug 2020 15:32

Tgt Ion: 83 Resp: 62126
Ion Ratio Lower Upper
83 100
85 65.7 51.5 77.3

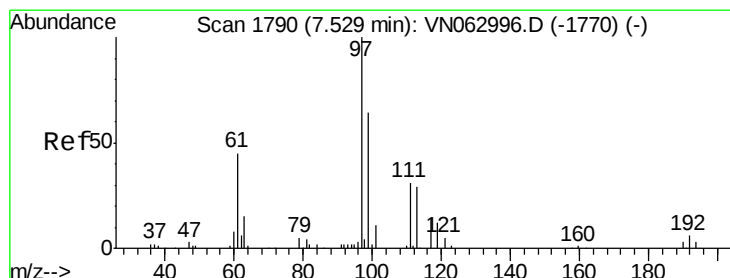
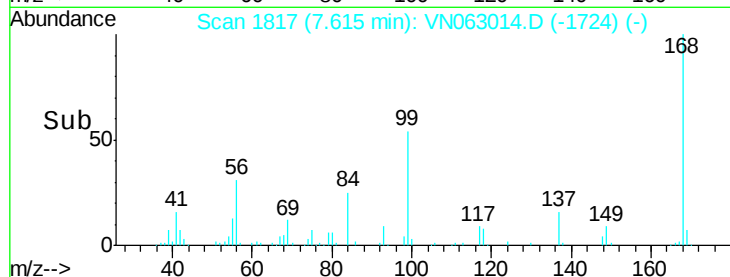
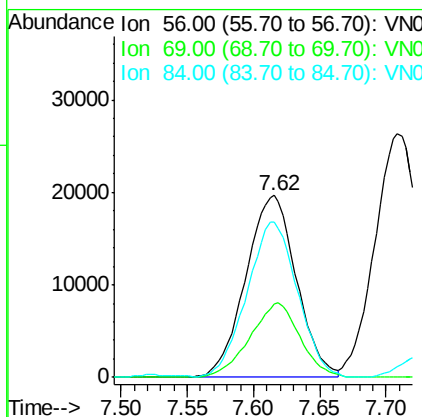
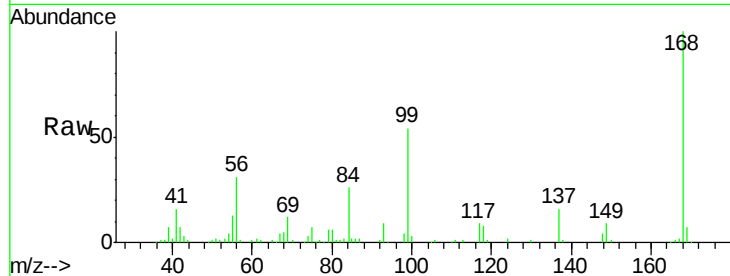




#31
Cyclohexane
Concen: 16.728 ug/l
RT: 7.62 min Scan# 1817
Delta R.T. -0.00 min
Lab File: VN063014.D
Acq: 19 Aug 2020 15:32

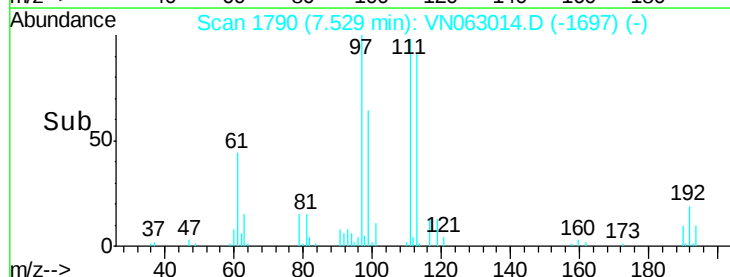
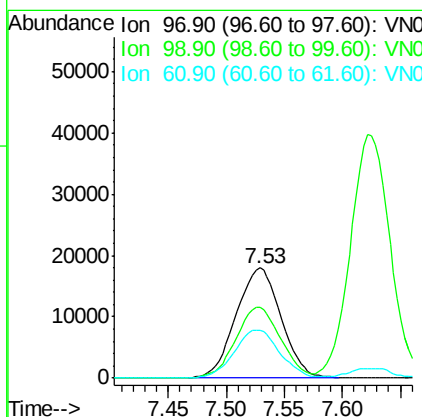
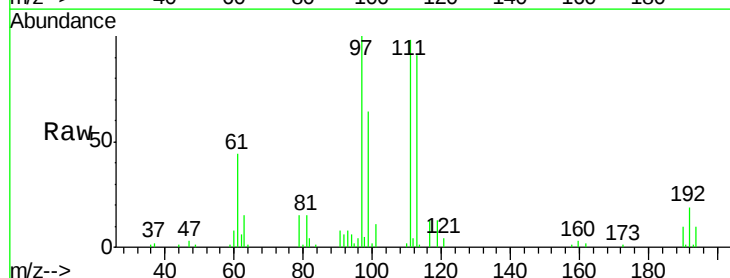
Instrument :
MSVOA_D
ClientSampleId :
VN0819MBS01

Tgt Ion: 56 Resp: 52348
Ion Ratio Lower Upper
56 100
69 40.0 26.6 40.0#
84 84.2 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 17.394 ug/l
RT: 7.53 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VN063014.D
Acq: 19 Aug 2020 15:32

Tgt Ion: 97 Resp: 48624
Ion Ratio Lower Upper
97 100
99 64.1 52.0 78.0
61 44.1 36.2 54.4

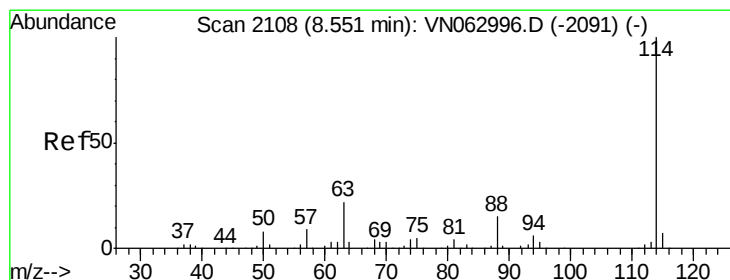
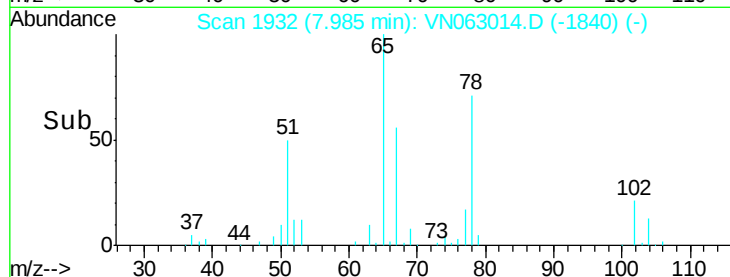
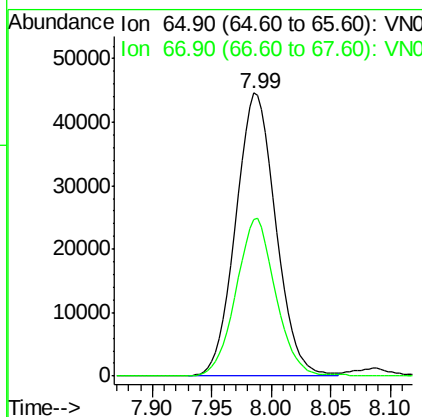
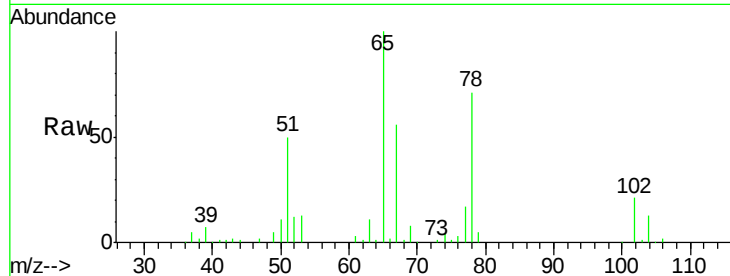




#33
 1,2-Dichloroethane-d4
 Concen: 49.086 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN063014.D
 Acq: 19 Aug 2020 15:32

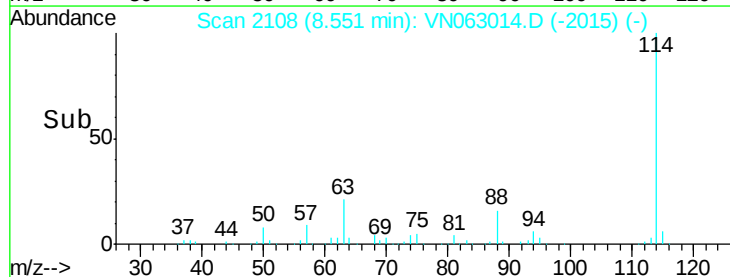
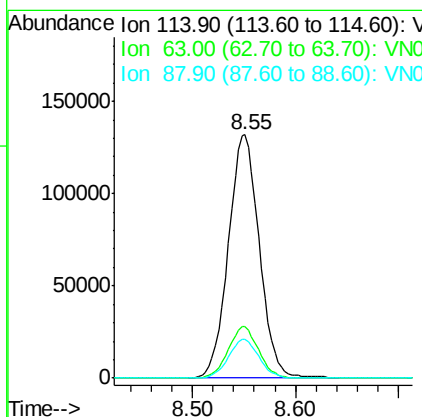
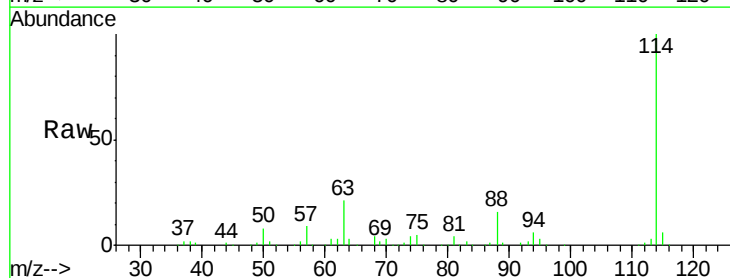
Instrument :
 MSVOA_D
 ClientSampleId :
 VN0819MBS01

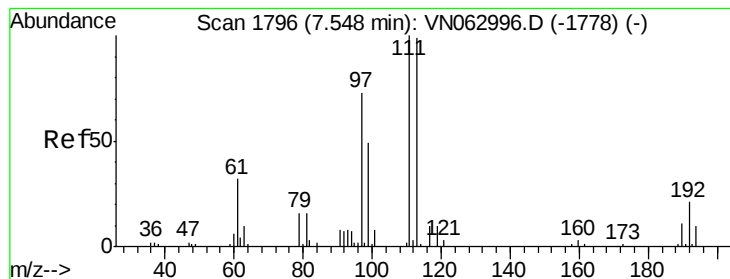
Tgt Ion: 65 Resp: 104219
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN063014.D
 Acq: 19 Aug 2020 15:32

Tgt Ion: 114 Resp: 275678
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 43.2
 88 15.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 47.482 ug/l

RT: 7.55 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VN063014.D

Acq: 19 Aug 2020 15:32

Instrument :

MSVOA_D

ClientSampleId :

VN0819MBS01

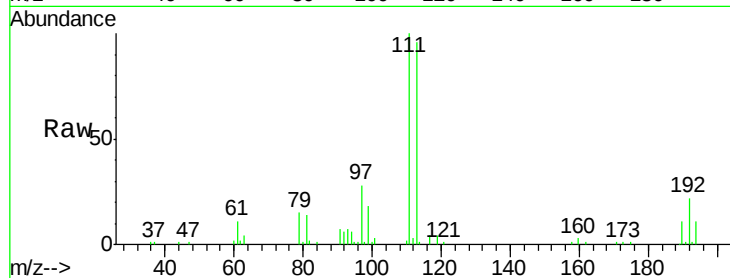
Tgt Ion:113 Resp: 85293

Ion Ratio Lower Upper

113 100

111 103.7 81.7 122.5

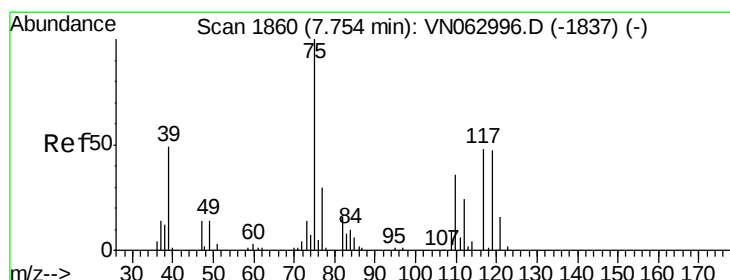
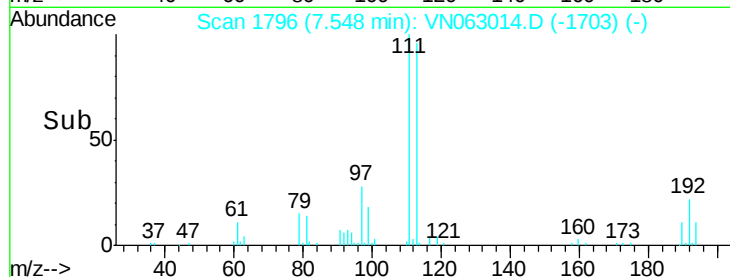
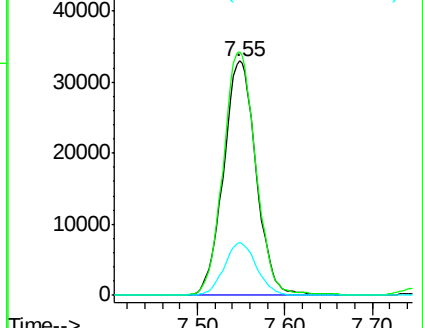
192 22.1 17.5 26.3



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: 16.294 ug/l

RT: 7.75 min Scan# 1859

Delta R.T. -0.00 min

Lab File: VN063014.D

Acq: 19 Aug 2020 15:32

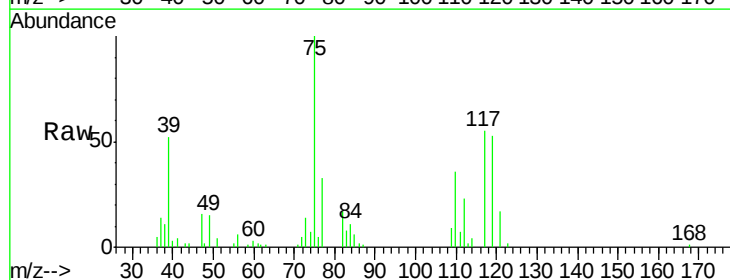
Tgt Ion: 75 Resp: 39584

Ion Ratio Lower Upper

75 100

110 35.8 17.5 52.6

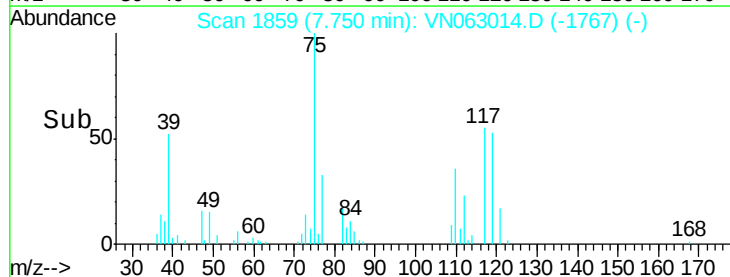
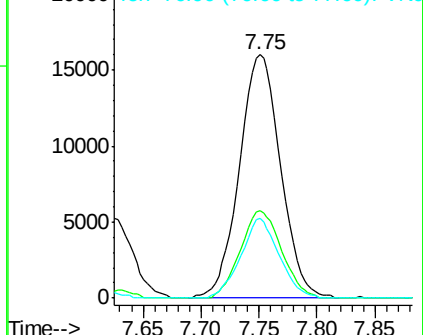
77 30.4 24.2 36.4

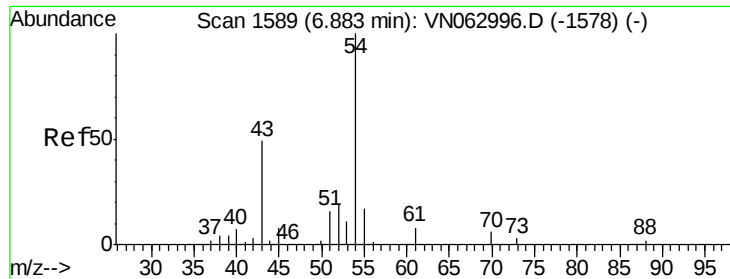


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0

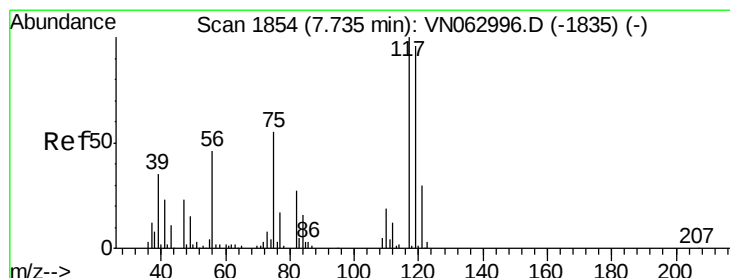
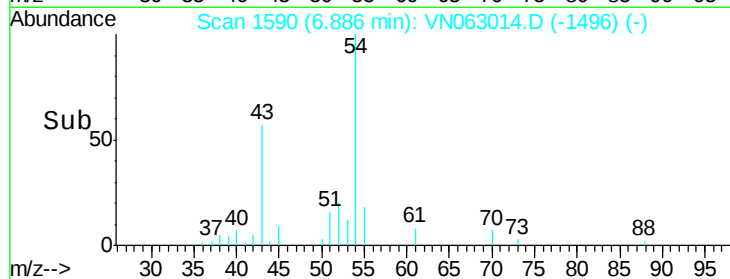
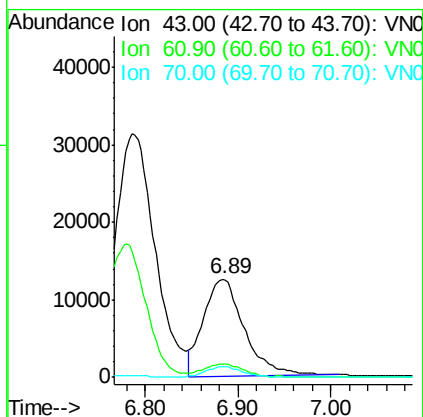
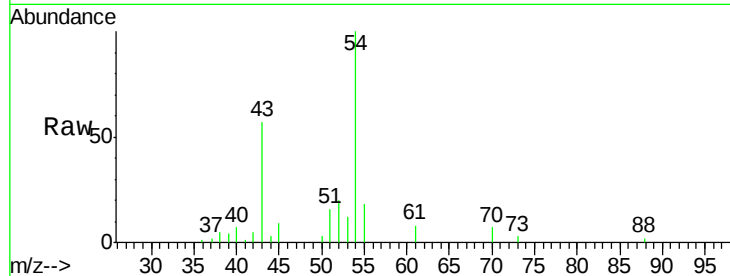




#37
 Ethyl Acetate
 Concen: 16.808 ug/l
 RT: 6.89 min Scan# 1590
 Delta R.T. 0.00 min
 Lab File: VN063014.D
 Acq: 19 Aug 2020 15:32

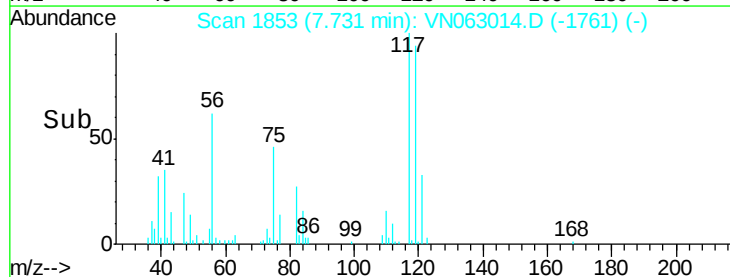
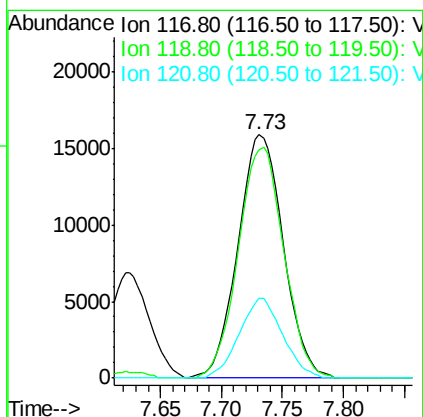
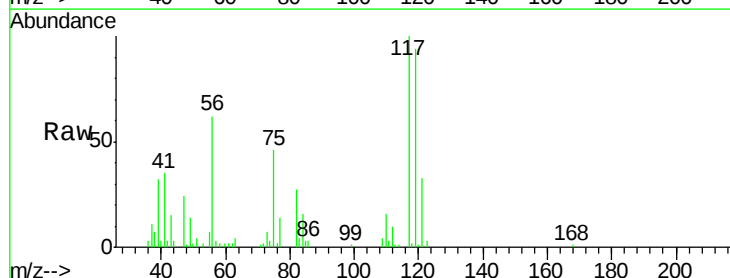
Instrument :
 MSVOA_D
 ClientSampleId :
 VN0819MBS01

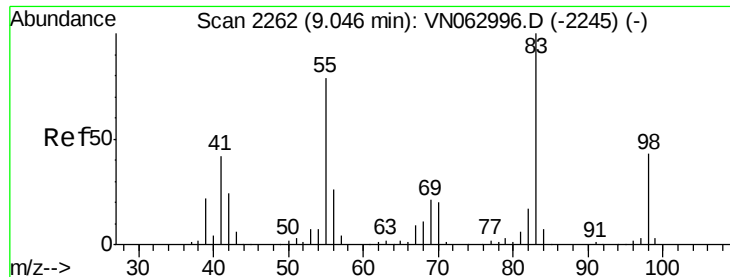
Tgt Ion: 43 Resp: 38261
 Ion Ratio Lower Upper
 43 100
 61 13.9 11.8 17.8
 70 9.9 8.2 12.2



#38
 Carbon Tetrachloride
 Concen: 16.707 ug/l
 RT: 7.73 min Scan# 1853
 Delta R.T. -0.00 min
 Lab File: VN063014.D
 Acq: 19 Aug 2020 15:32

Tgt Ion: 117 Resp: 40977
 Ion Ratio Lower Upper
 117 100
 119 93.6 76.2 114.4
 121 32.7 24.2 36.2

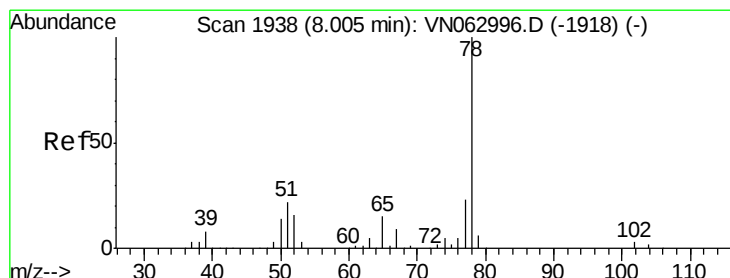
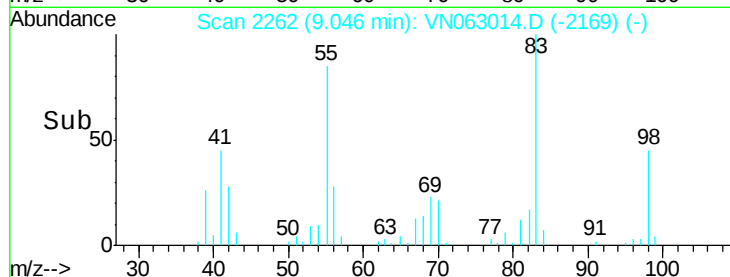
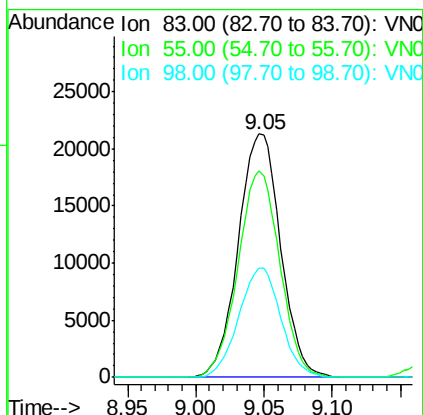
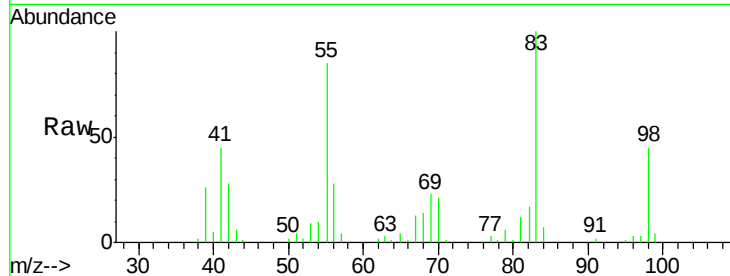




#39
Methylcyclohexane
Concen: 15.138 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN063014.D
Acq: 19 Aug 2020 15:32

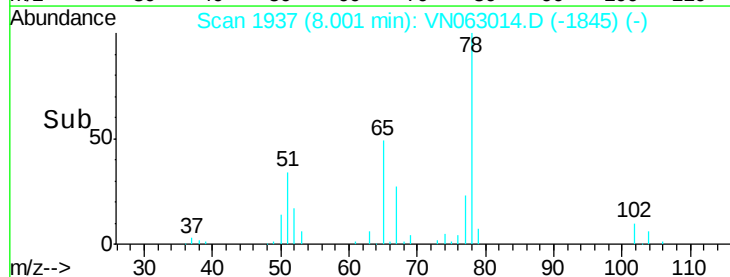
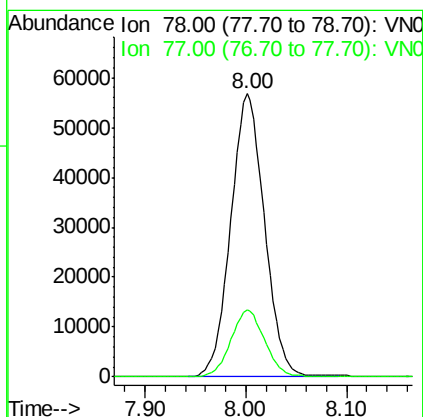
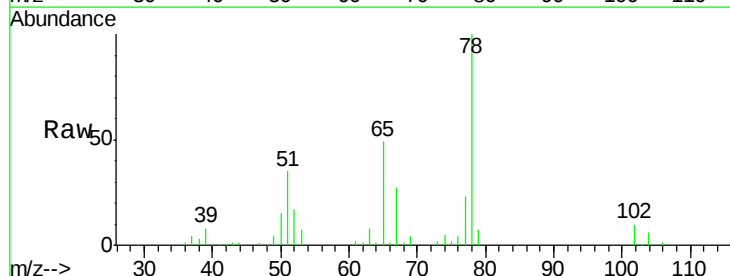
Instrument :
MSVOA_D
ClientSampleId :
VN0819MBS01

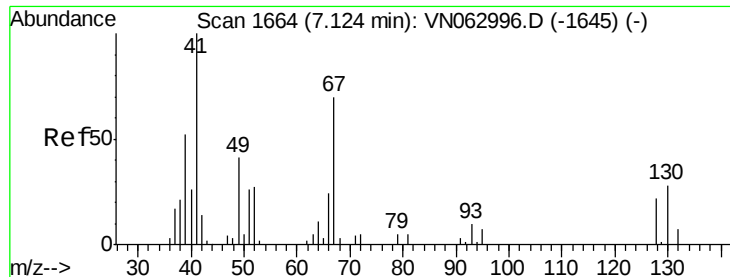
Tgt Ion: 83 Resp: 45962
Ion Ratio Lower Upper
83 100
55 84.8 63.3 94.9
98 45.0 34.2 51.4



#40
Benzene
Concen: 17.157 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN063014.D
Acq: 19 Aug 2020 15:32

Tgt Ion: 78 Resp: 132198
Ion Ratio Lower Upper
78 100
77 23.5 18.8 28.2

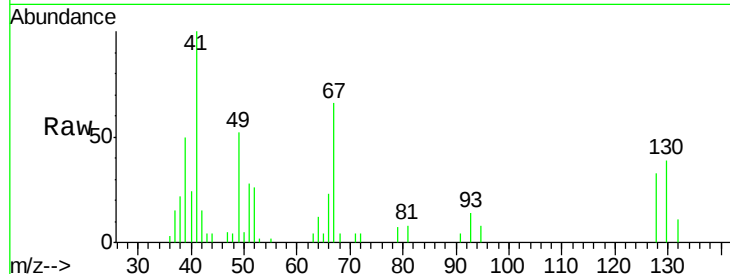




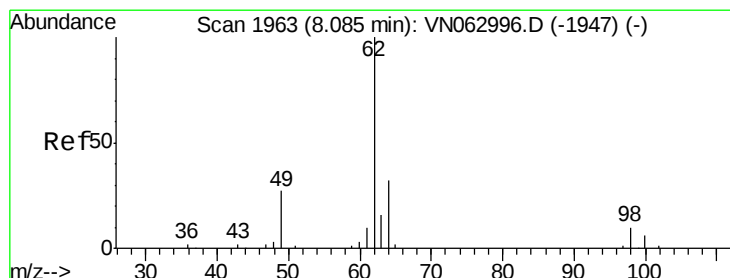
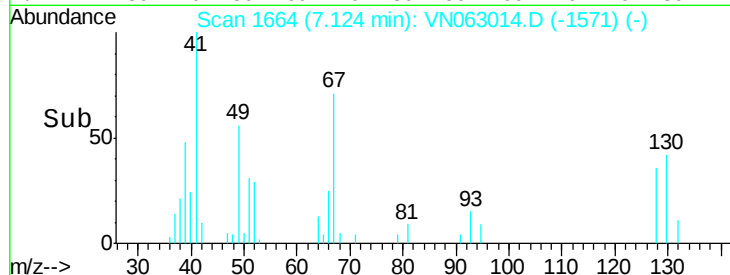
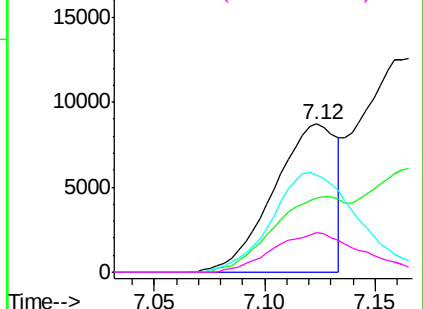
#41
Methacrylonitrile
Concen: 15.890 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. -0.00 min
Lab File: VN063014.D
Acq: 19 Aug 2020 15:32

Instrument :
MSVOA_D
ClientSampleId :
VN0819MBS01

Tgt Ion: 41 Resp: 17234
Ion Ratio Lower Upper
41 100
39 61.4 41.6 62.4
67 93.9 71.8 107.8
52 38.4 28.2 42.4

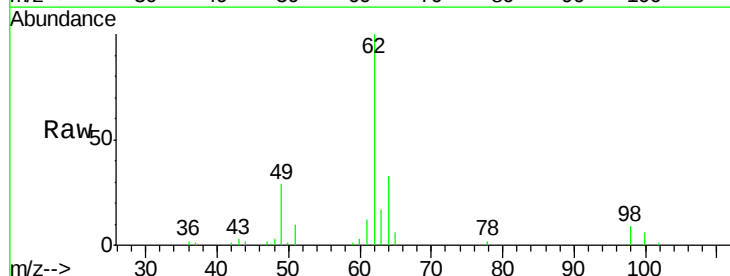


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

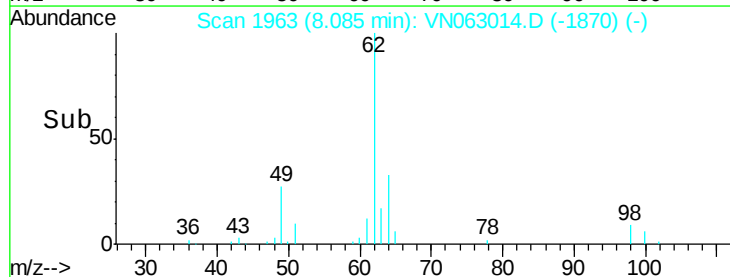
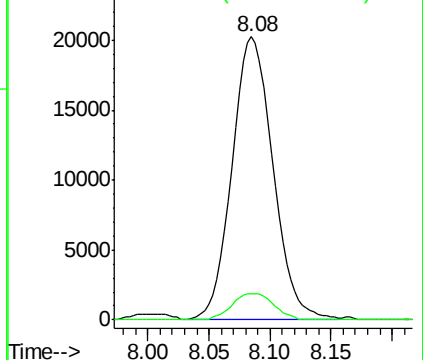


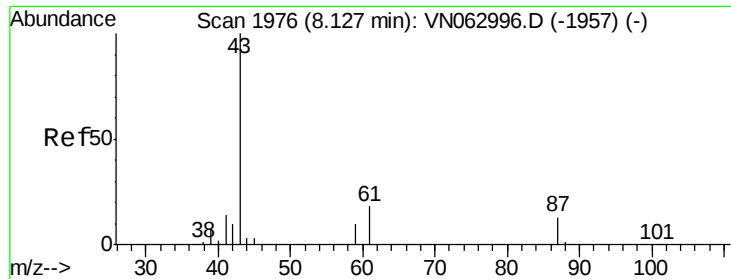
#42
1,2-Dichloroethane
Concen: 18.249 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN063014.D
Acq: 19 Aug 2020 15:32

Tgt Ion: 62 Resp: 47215
Ion Ratio Lower Upper
62 100
98 9.4 0.0 18.4



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

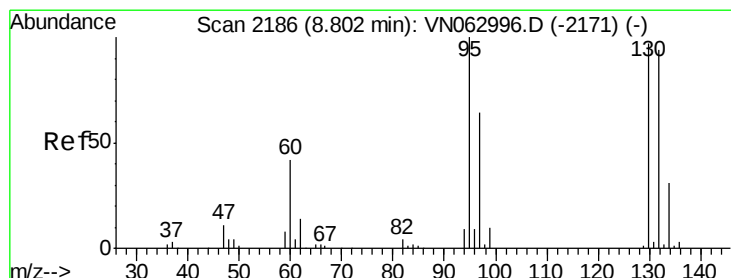
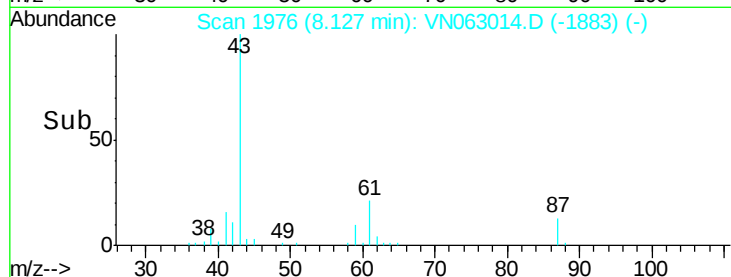
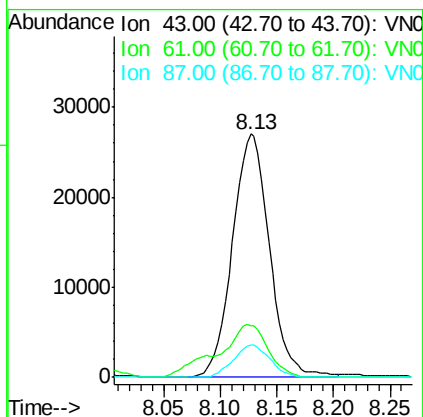
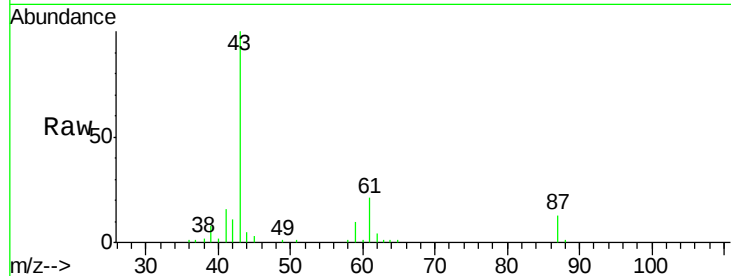




#43
Isopropyl Acetate
Concen: 16.330 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. -0.00 min
Lab File: VN063014.D
Acq: 19 Aug 2020 15:32

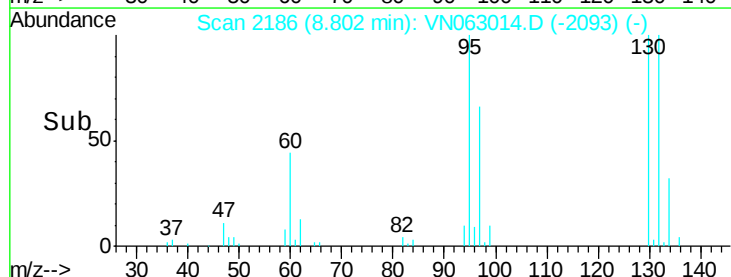
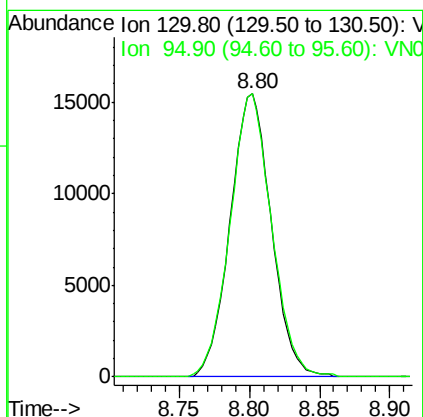
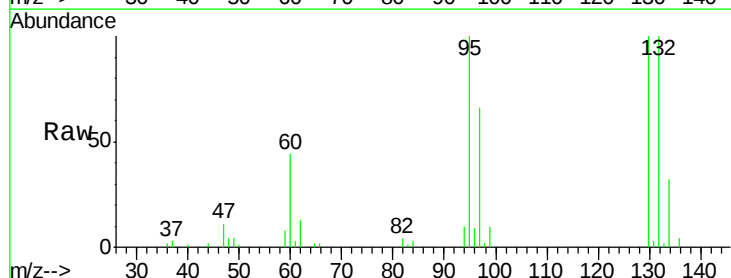
Instrument :
MSVOA_D
ClientSampleId :
VN0819MBS01

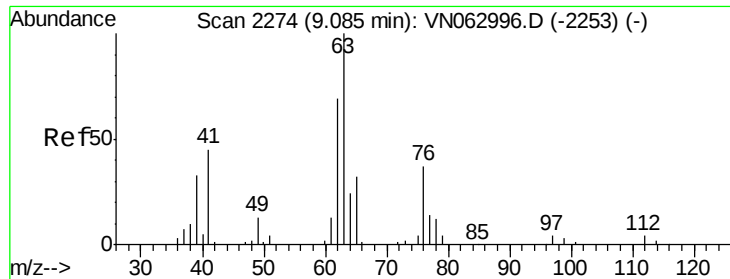
Tgt Ion: 43 Resp: 61587
Ion Ratio Lower Upper
43 100
61 22.0 22.6 33.8#
87 13.0 10.5 15.7



#44
Trichloroethene
Concen: 16.452 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. -0.00 min
Lab File: VN063014.D
Acq: 19 Aug 2020 15:32

Tgt Ion: 130 Resp: 31533
Ion Ratio Lower Upper
130 100
95 99.9 0.0 205.6





#45

1,2-Dichloropropane

Concen: 17.284 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. -0.00 min

Lab File: VN063014.D

Acq: 19 Aug 2020 15:32

Instrument :

MSVOA_D

ClientSampleId :

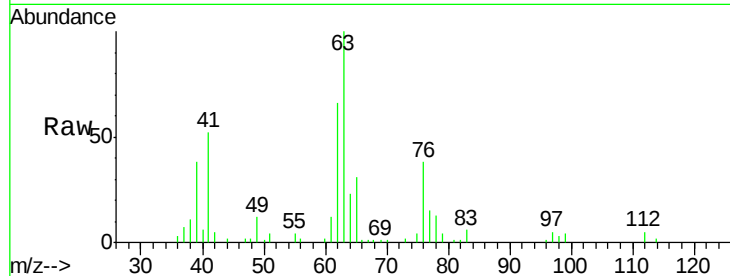
VN0819MBS01

Tgt Ion: 63 Resp: 38497

Ion Ratio Lower Upper

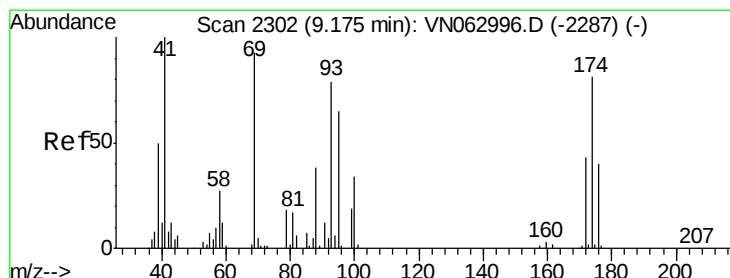
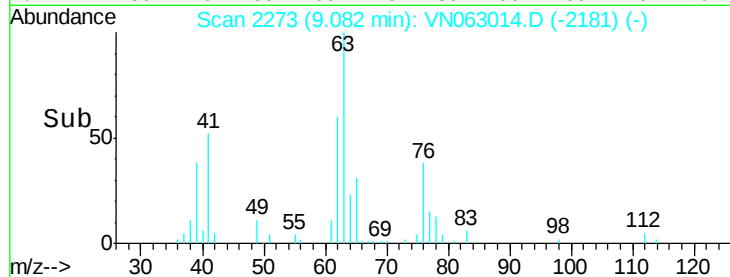
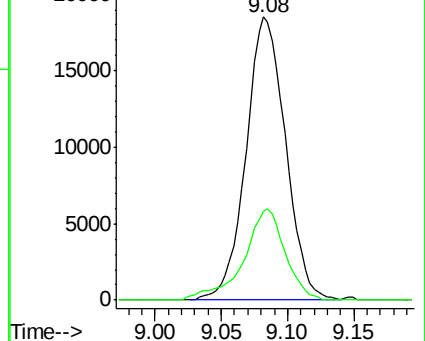
63 100

65 31.2 25.6 38.4



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 18.248 ug/l

RT: 9.17 min Scan# 2302

Delta R.T. -0.00 min

Lab File: VN063014.D

Acq: 19 Aug 2020 15:32

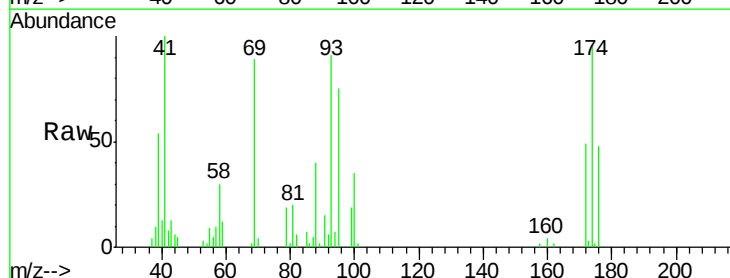
Tgt Ion: 93 Resp: 23479

Ion Ratio Lower Upper

93 100

95 83.2 66.2 99.4

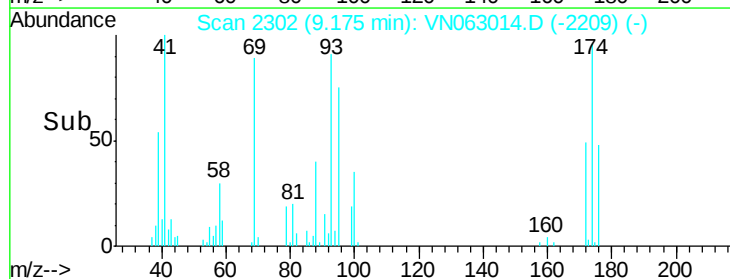
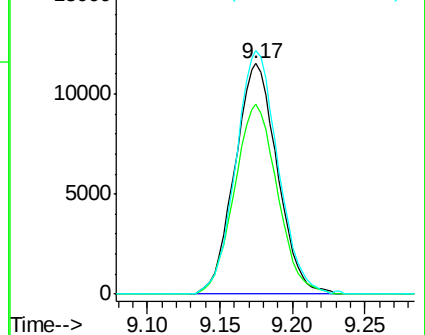
174 104.8 84.6 127.0

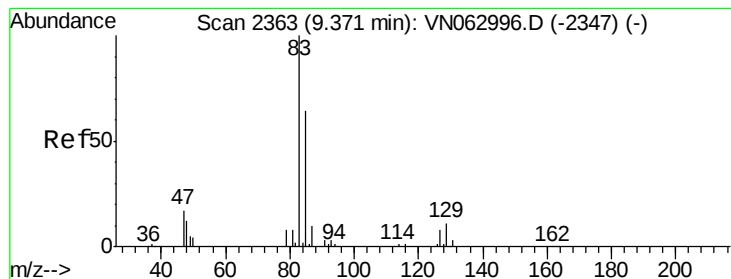


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 17.498 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. -0.00 min

Lab File: VN063014.D

Acq: 19 Aug 2020 15:32

Instrument :

MSVOA_D

ClientSampleId :

VN0819MBS01

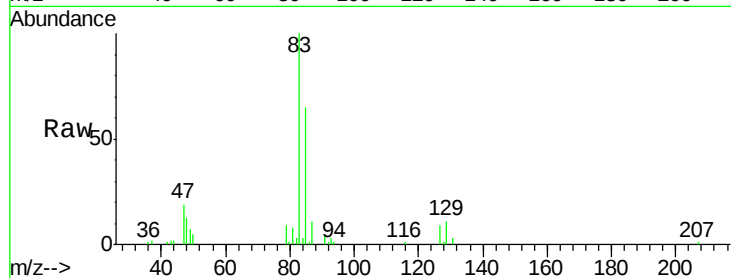
Tgt Ion: 83 Resp: 49312

Ion Ratio Lower Upper

83 100

85 65.3 51.1 76.7

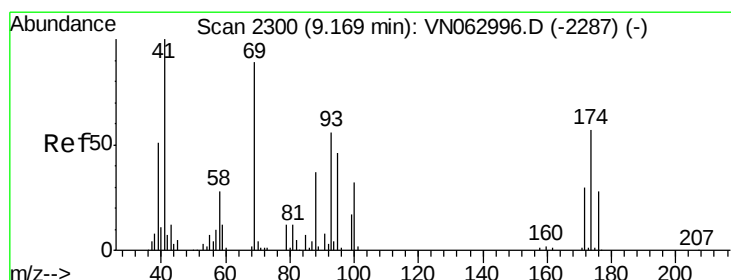
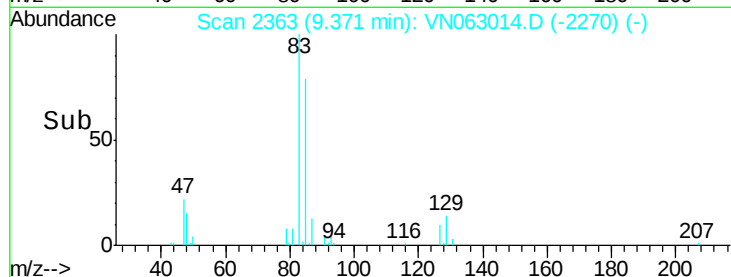
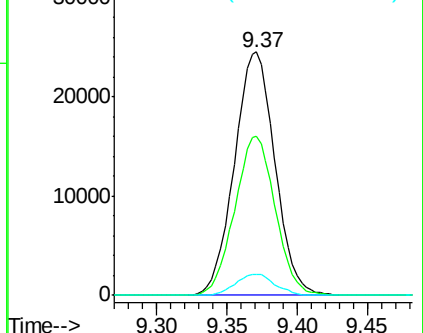
127 8.6 6.6 9.8



Abundance Ion 82.90 (82.60 to 83.60): VN063014.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN063014.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN063014.D (-2270) (-)



#48

Methyl methacrylate

Concen: 16.639 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN063014.D

Acq: 19 Aug 2020 15:32

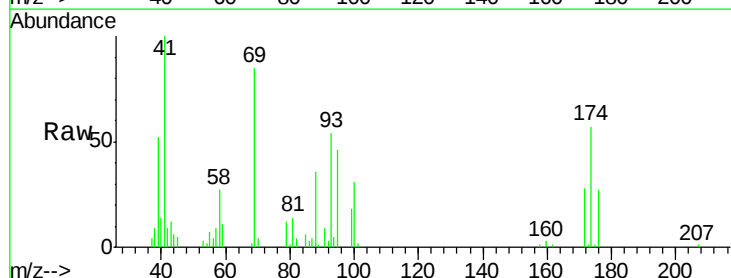
Tgt Ion: 41 Resp: 29691

Ion Ratio Lower Upper

41 100

69 91.7 74.2 111.4

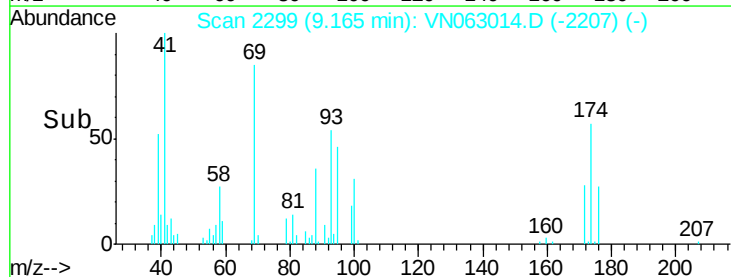
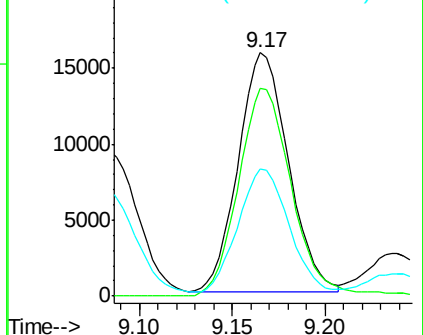
39 55.5 42.5 63.7

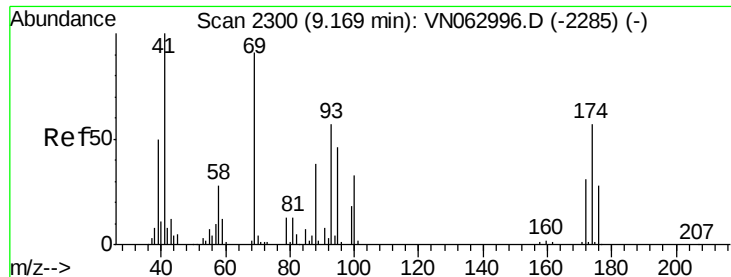


Abundance Ion 41.00 (40.70 to 41.70): VN063014.D (-2207) (-)

Ion 69.00 (68.70 to 69.70): VN063014.D (-2207) (-)

Ion 39.00 (38.70 to 39.70): VN063014.D (-2207) (-)

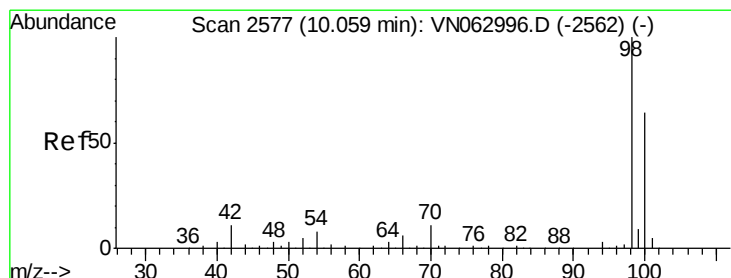
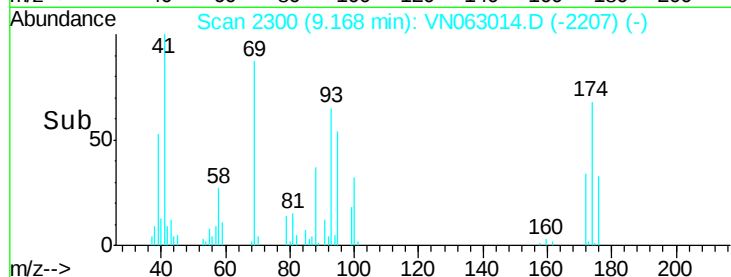
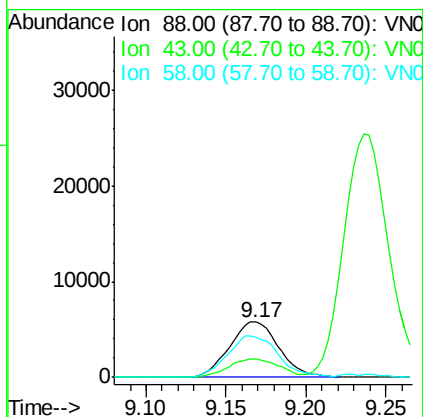
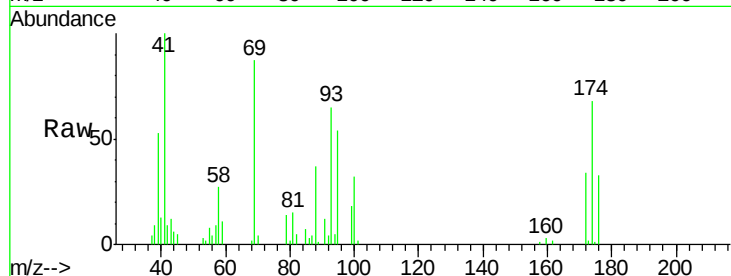




#49
1,4-Dioxane
Concen: 322.446 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. 0.00 min
Lab File: VN063014.D
Acq: 19 Aug 2020 15:32

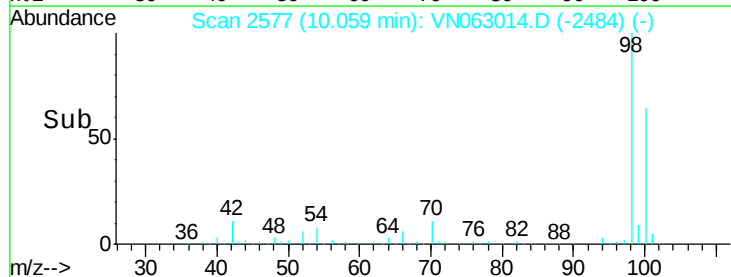
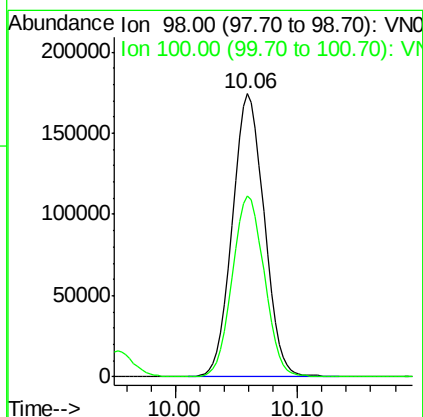
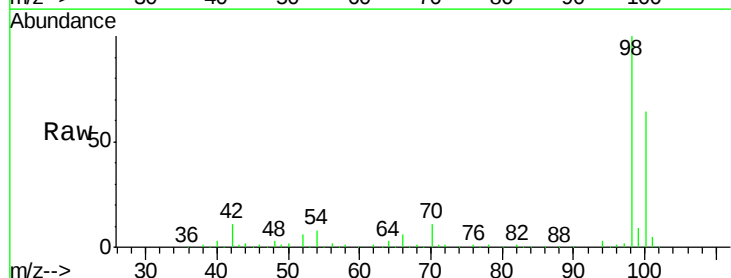
Instrument :
MSVOA_D
ClientSampleId :
VN0819MBS01

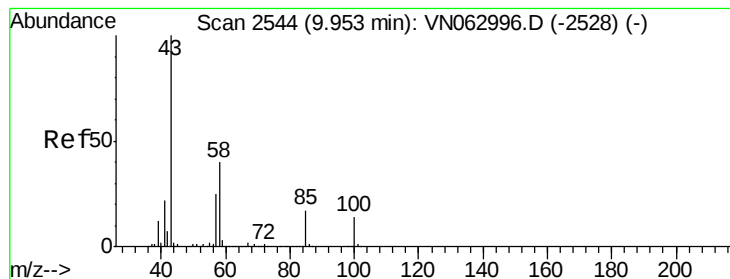
Tgt Ion: 88 Resp: 12248
Ion Ratio Lower Upper
88 100
43 34.2 25.2 37.8
58 76.7 56.7 85.1



#50
Toluene-d8
Concen: 45.917 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN063014.D
Acq: 19 Aug 2020 15:32

Tgt Ion: 98 Resp: 316814
Ion Ratio Lower Upper
98 100
100 64.6 51.2 76.8





#51

4-Methyl-2-Pentanone

Concen: 84.170 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN063014.D

Acq: 19 Aug 2020 15:32

Instrument :

MSVOA_D

ClientSampleId :

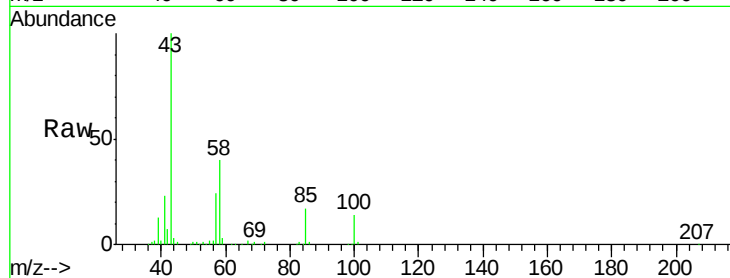
VN0819MBS01

Tgt Ion: 43 Resp: 200642

Ion Ratio Lower Upper

43 100

58 39.4 32.2 48.2



Abundance Ion 43.00 (42.70 to 43.70): VN062996.D (-2528) (-)

Ion 58.00 (57.70 to 58.70): VN062996.D (-2528) (-)

9.95

120000

100000

80000

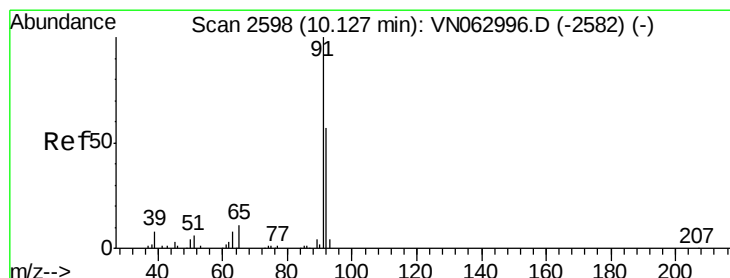
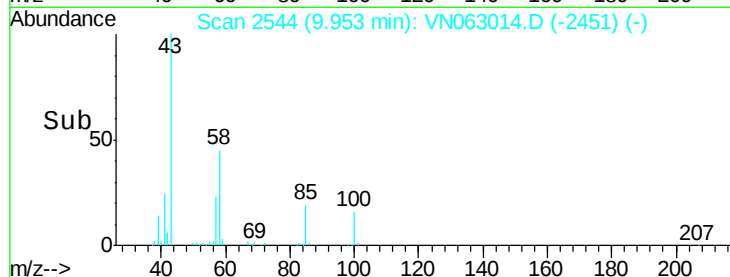
60000

40000

20000

0

Time-->



#52

Toluene

Concen: 17.320 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN063014.D

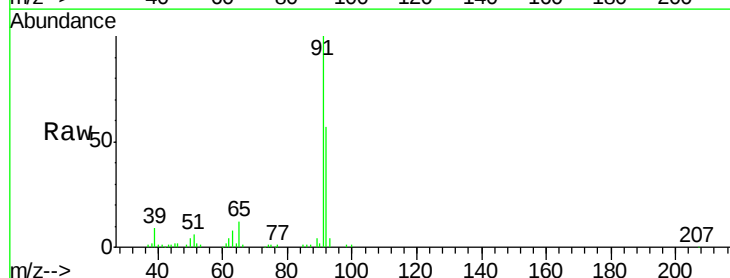
Acq: 19 Aug 2020 15:32

Tgt Ion: 92 Resp: 80507

Ion Ratio Lower Upper

92 100

91 176.6 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VN062996.D (-2582) (-)

Ion 91.00 (90.70 to 91.70): VN062996.D (-2582) (-)

10.12

80000

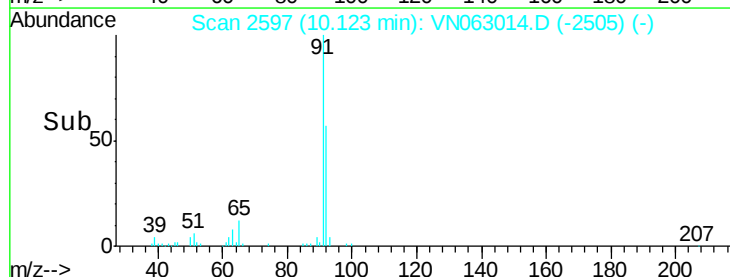
60000

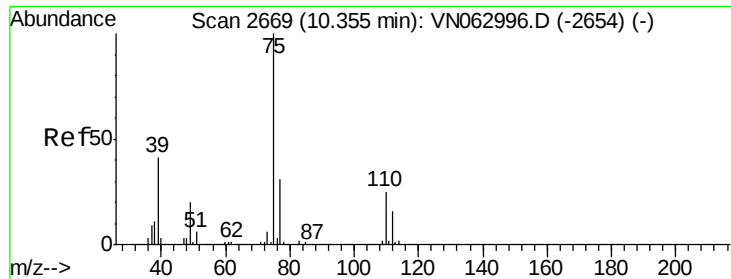
40000

20000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 16.940 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN063014.D

Acq: 19 Aug 2020 15:32

Instrument :

MSVOA_D

ClientSampleId :

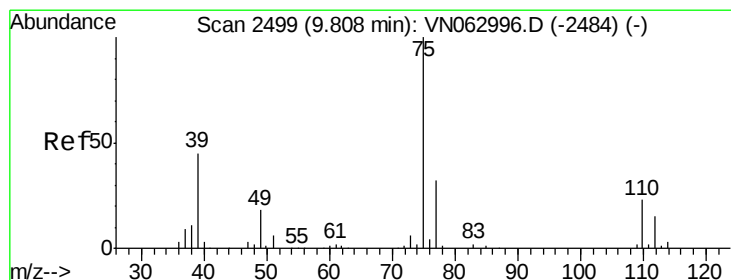
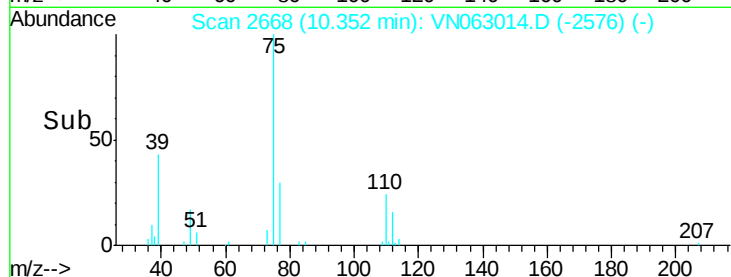
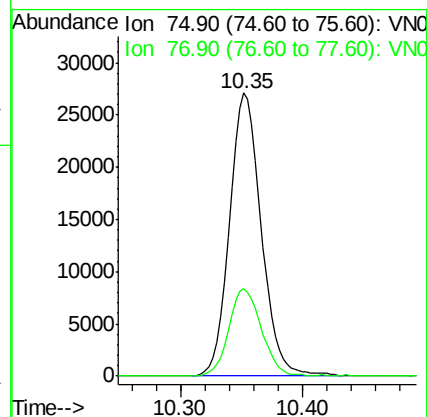
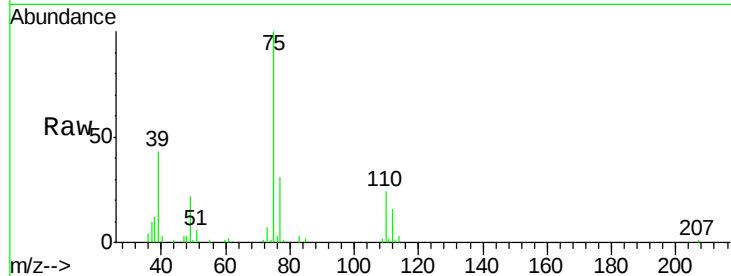
VN0819MBS01

Tgt Ion: 75 Resp: 49368

Ion Ratio Lower Upper

75 100

77 30.9 24.6 37.0



#54

cis-1,3-Dichloropropene

Concen: 17.017 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN063014.D

Acq: 19 Aug 2020 15:32

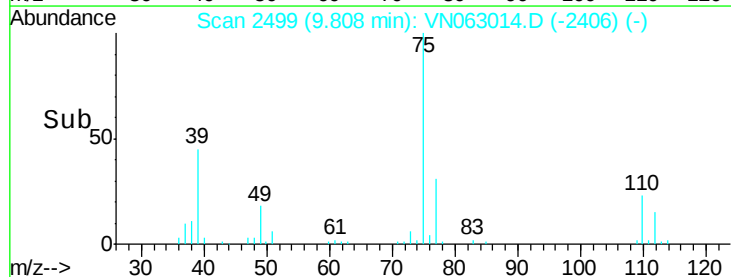
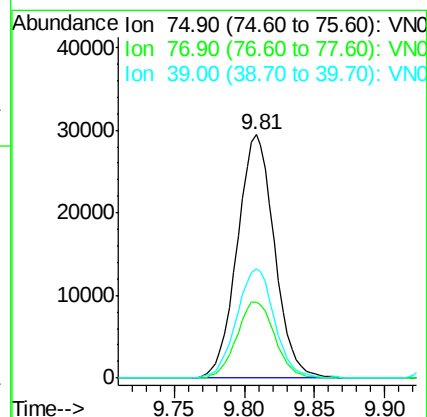
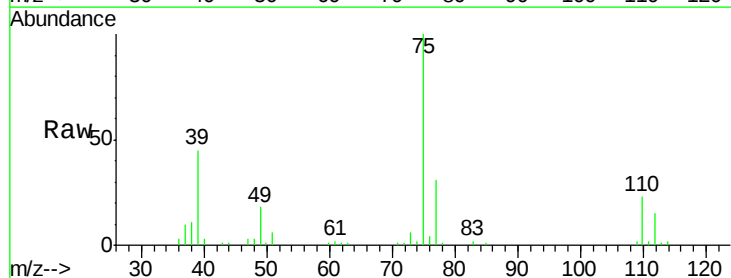
Tgt Ion: 75 Resp: 54404

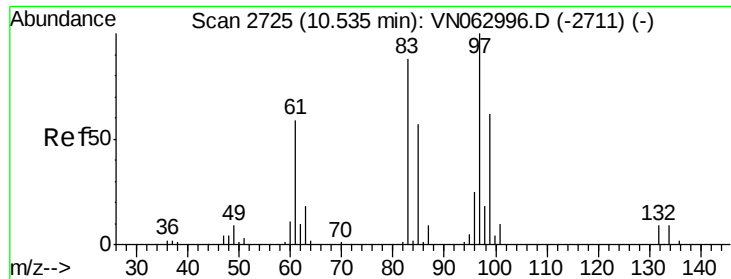
Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.2

39 44.8 35.7 53.5





#55

1,1,2-Trichloroethane

Concen: 17.730 ug/l

RT: 10.53 min Scan# 2725

Delta R.T. -0.00 min

Lab File: VN063014.D

Acq: 19 Aug 2020 15:32

Instrument :

MSVOA_D

ClientSampleId :

VN0819MBS01

Tgt Ion: 97 Resp: 35237

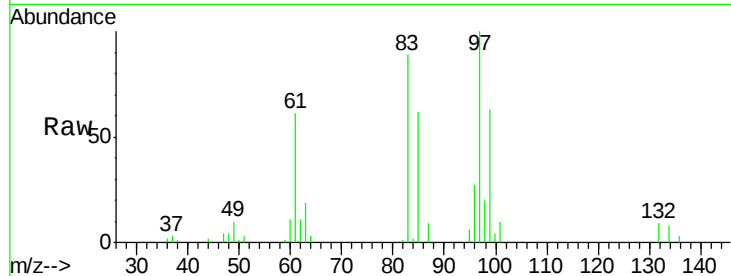
Ion Ratio Lower Upper

97 100

83 89.4 70.5 105.7

85 61.6 45.8 68.6

99 62.8 49.7 74.5

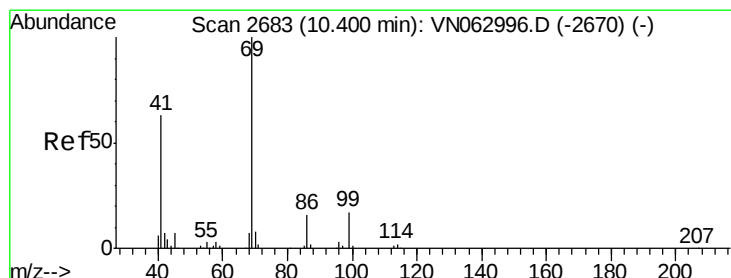
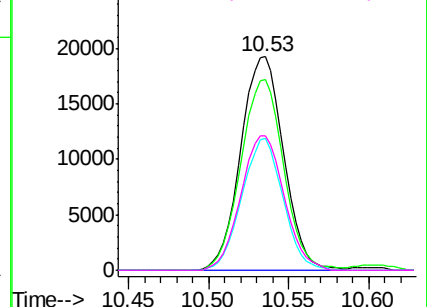
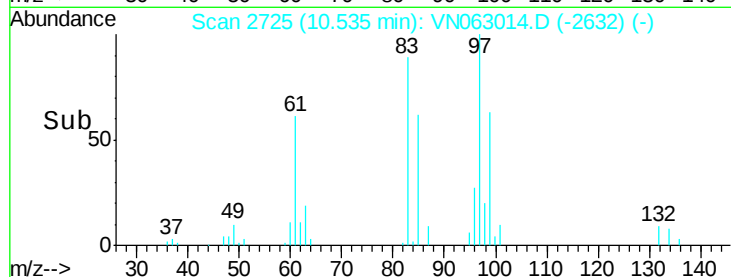


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 16.093 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. -0.00 min

Lab File: VN063014.D

Acq: 19 Aug 2020 15:32

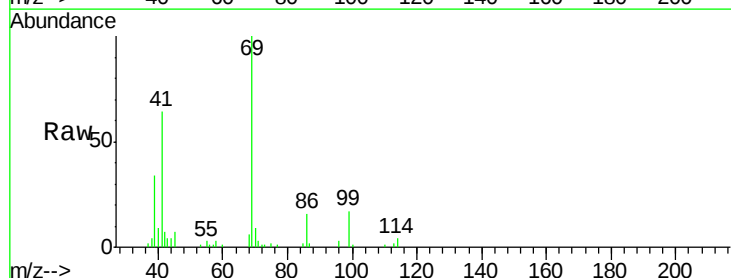
Tgt Ion: 69 Resp: 45646

Ion Ratio Lower Upper

69 100

41 64.9 50.2 75.2

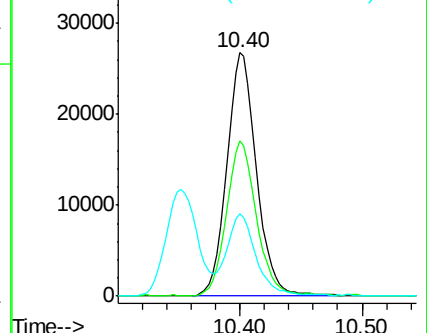
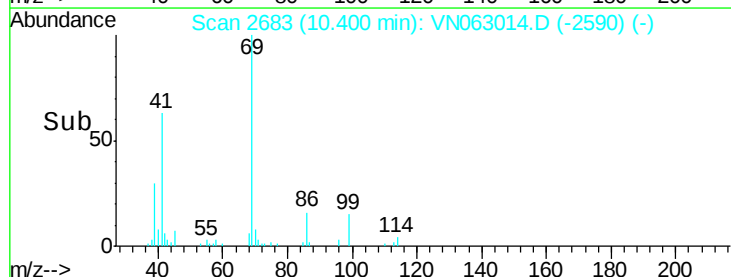
39 32.3 24.2 36.4

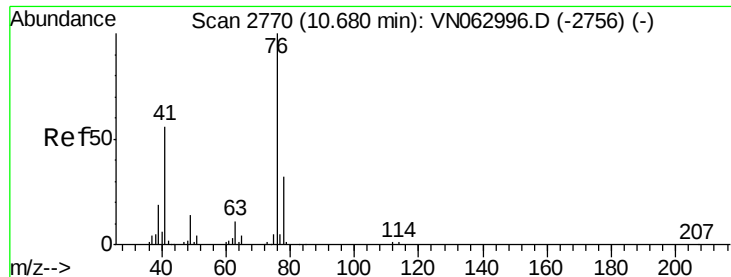


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

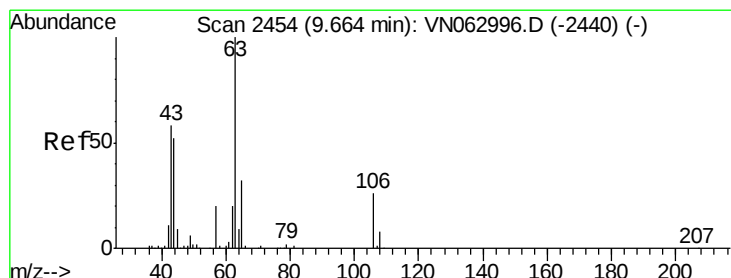
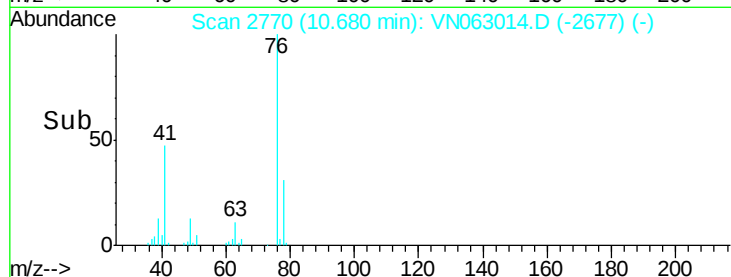
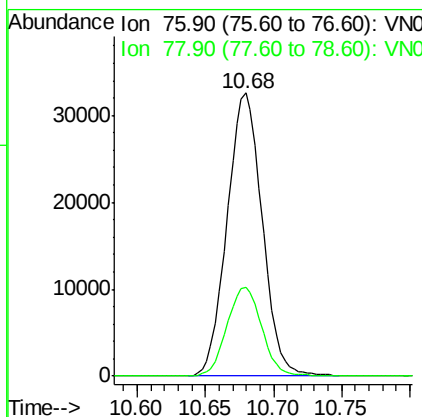
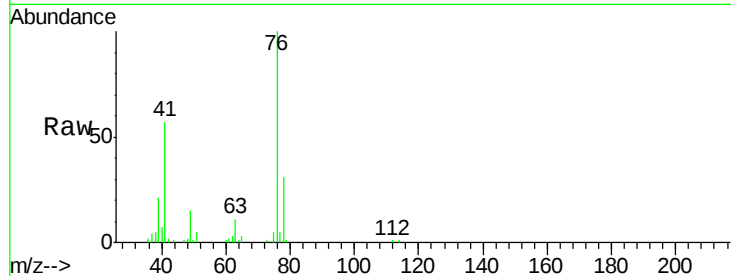




#57
 1,3-Dichloropropane
 Concen: 17.696 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. -0.00 min
 Lab File: VN063014.D
 Acq: 19 Aug 2020 15:32

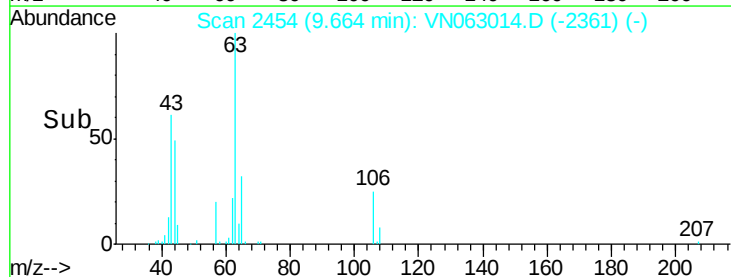
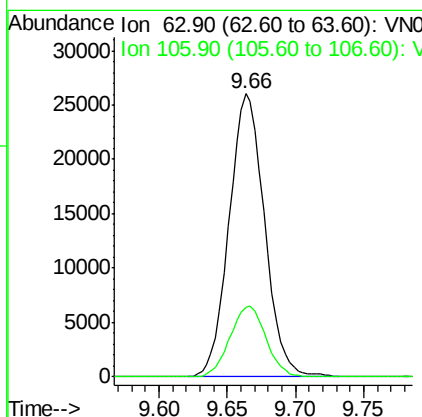
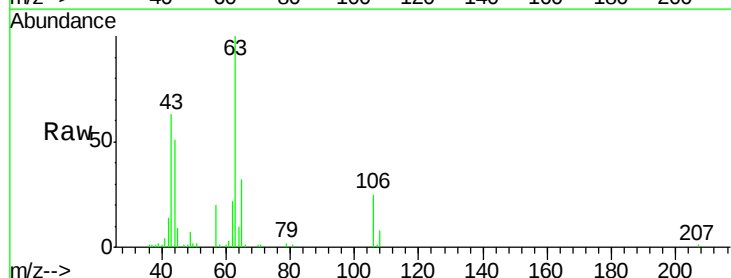
Instrument :
 MSVOA_D
 ClientSampleId :
 VN0819MBS01

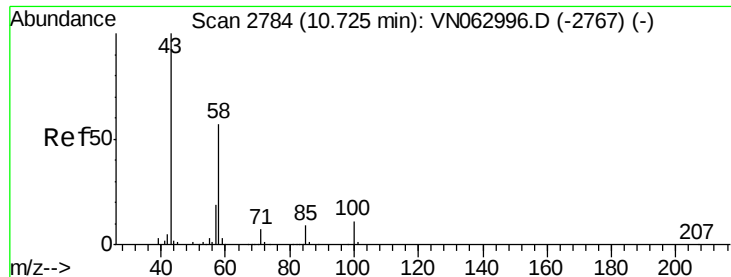
Tgt Ion: 76 Resp: 58401
 Ion Ratio Lower Upper
 76 100
 78 31.0 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 72.062 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN063014.D
 Acq: 19 Aug 2020 15:32

Tgt Ion: 63 Resp: 46965
 Ion Ratio Lower Upper
 63 100
 106 25.3 20.7 31.1

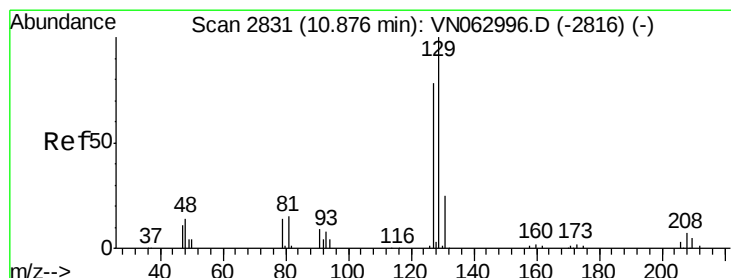
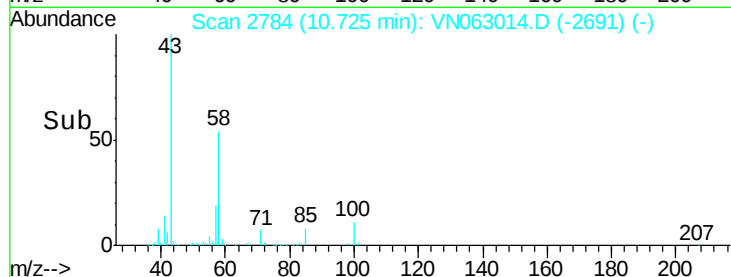
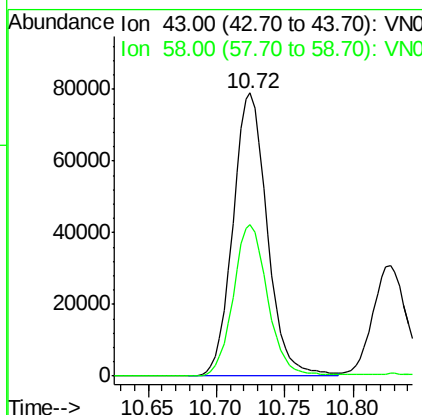
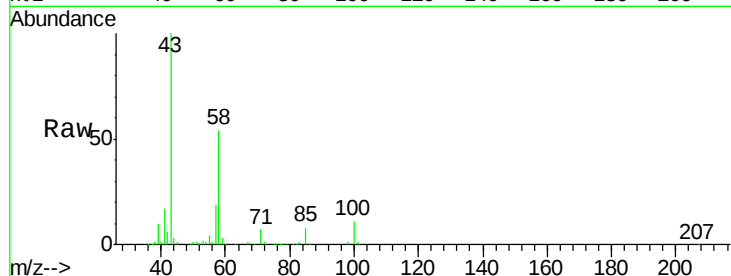




#59
2-Hexanone
Concen: 82.984 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. -0.00 min
Lab File: VN063014.D
Acq: 19 Aug 2020 15:32

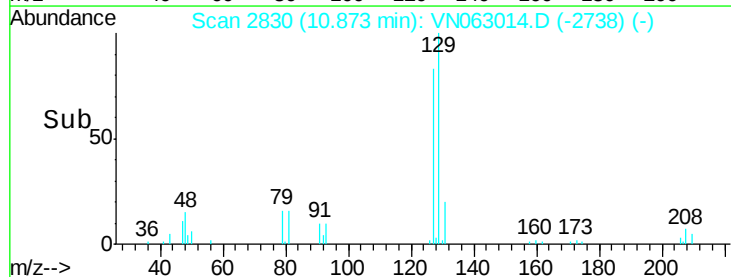
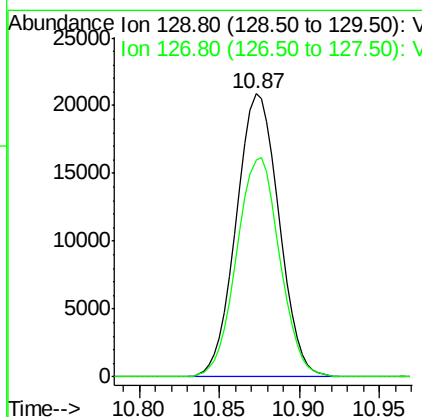
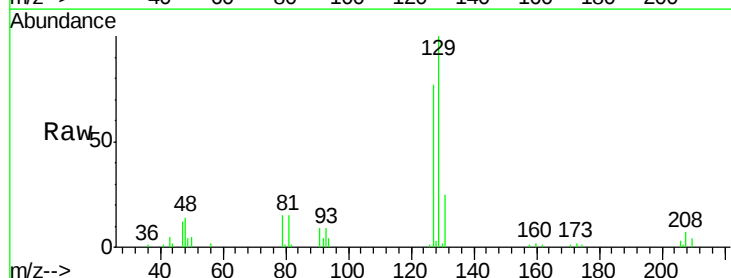
Instrument :
MSVOA_D
ClientSampleId :
VN0819MBS01

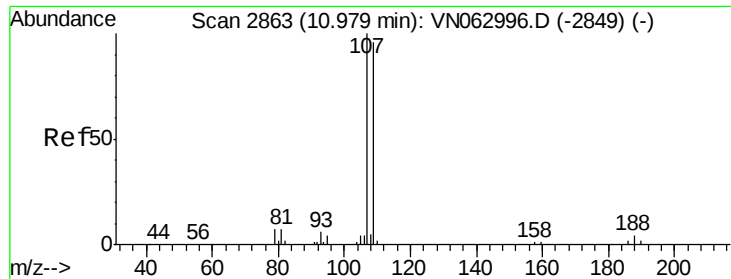
Tgt Ion: 43 Resp: 137981
Ion Ratio Lower Upper
43 100
58 53.6 28.1 84.3



#60
Dibromochloromethane
Concen: 17.323 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN063014.D
Acq: 19 Aug 2020 15:32

Tgt Ion: 129 Resp: 38102
Ion Ratio Lower Upper
129 100
127 78.0 38.4 115.2

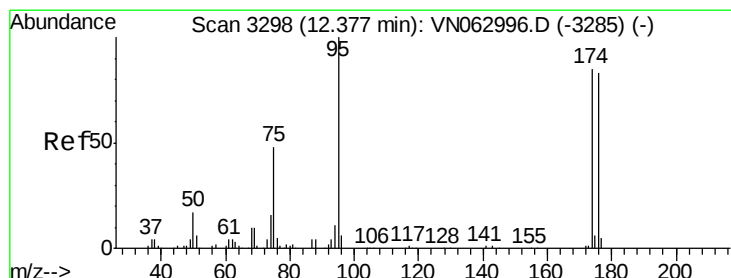
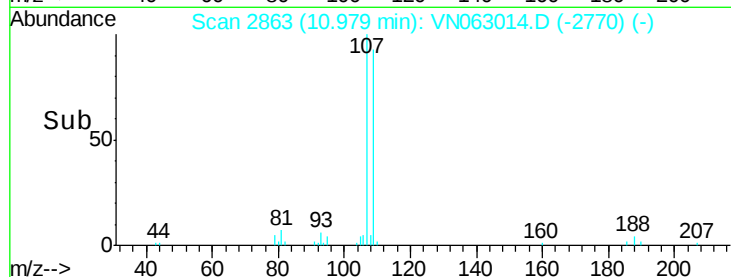
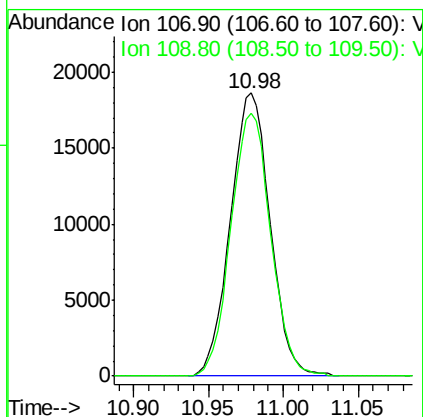
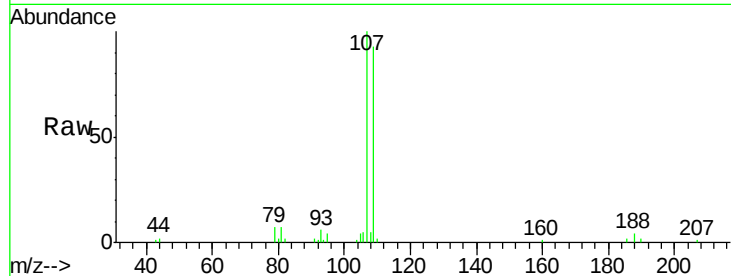




#61
 1,2-Dibromoethane
 Concen: 18.025 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. -0.00 min
 Lab File: VN063014.D
 Acq: 19 Aug 2020 15:32

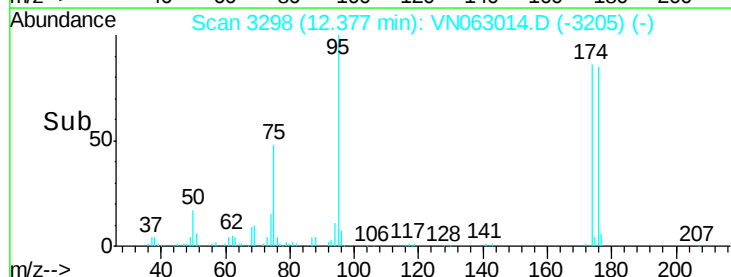
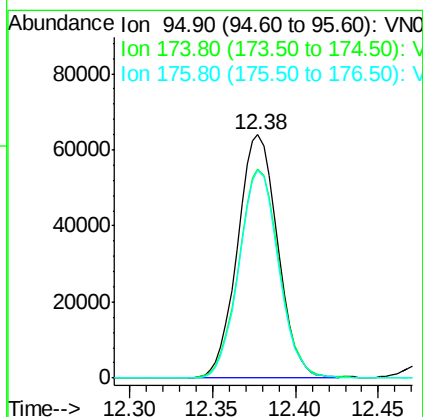
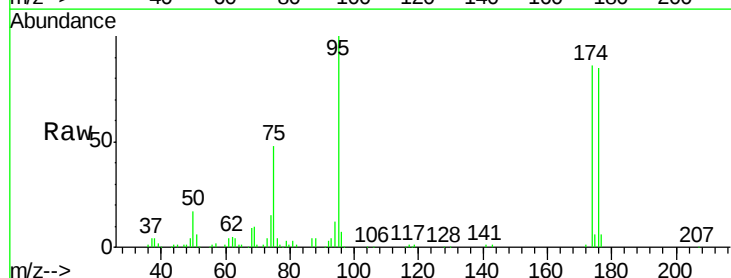
Instrument :
 MSVOA_D
 ClientSampleId :
 VN0819MBS01

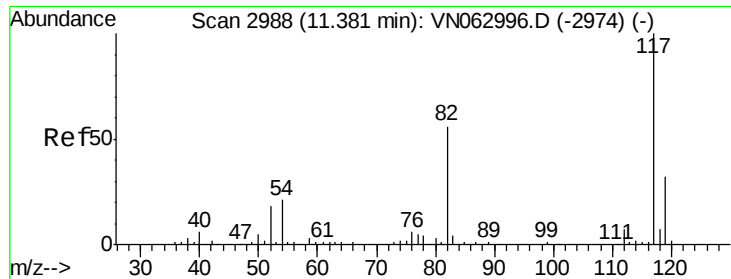
Tgt Ion: 107 Resp: 34422
 Ion Ratio Lower Upper
 107 100
 109 93.2 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 44.427 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN063014.D
 Acq: 19 Aug 2020 15:32

Tgt Ion: 95 Resp: 108172
 Ion Ratio Lower Upper
 95 100
 174 86.4 0.0 170.8
 176 83.9 0.0 164.8

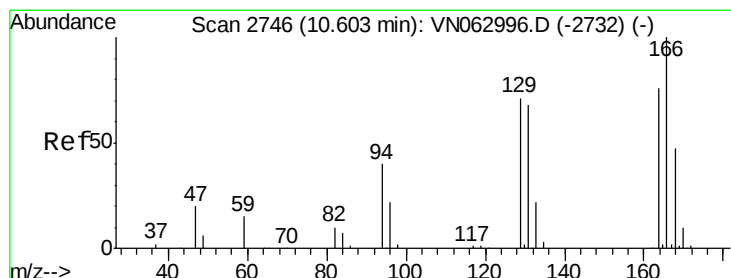
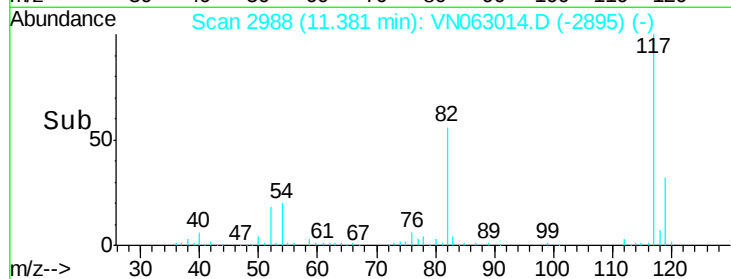
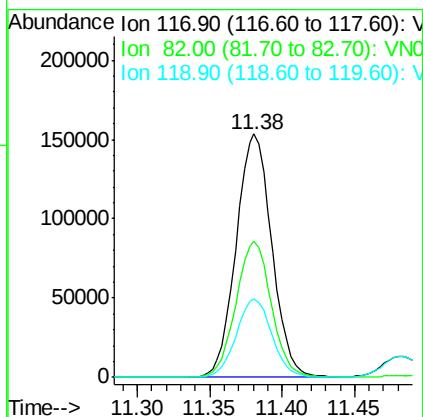
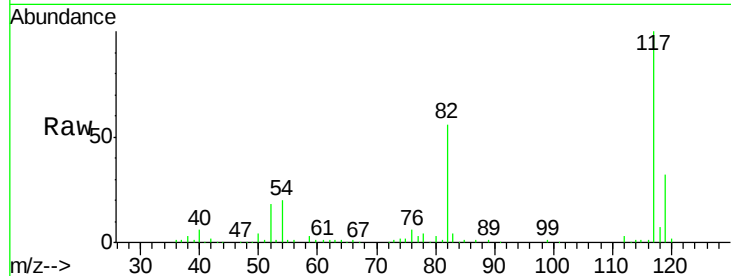




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN063014.D
Acq: 19 Aug 2020 15:32

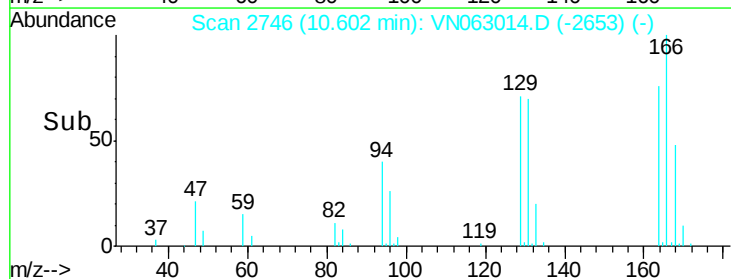
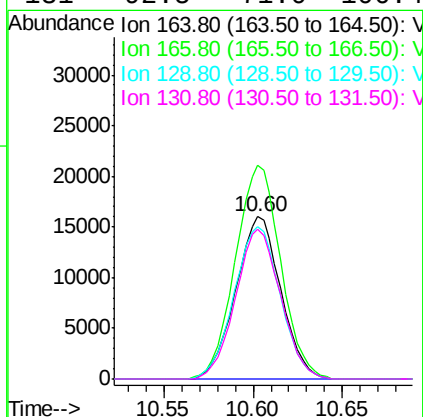
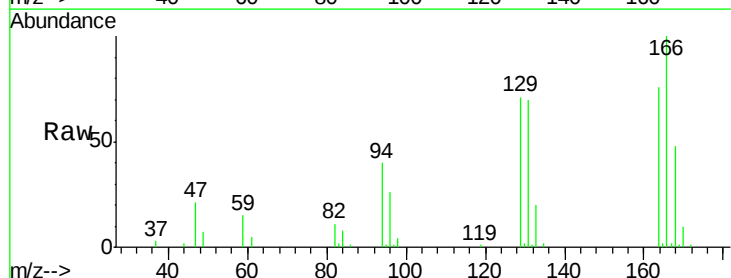
Instrument :
MSVOA_D
ClientSampleId :
VN0819MBS01

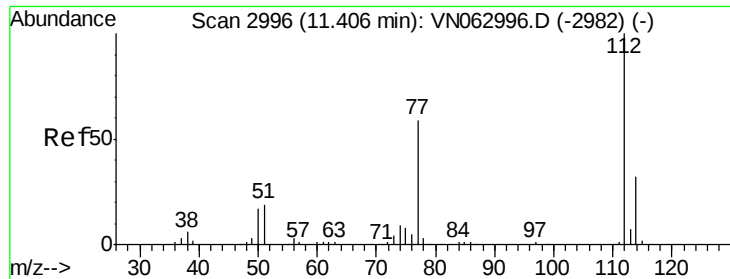
Tgt Ion:117 Resp: 262579
Ion Ratio Lower Upper
117 100
82 55.7 44.5 66.7
119 32.2 25.5 38.3



#64
Tetrachloroethene
Concen: 16.392 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN063014.D
Acq: 19 Aug 2020 15:32

Tgt Ion:164 Resp: 28294
Ion Ratio Lower Upper
164 100
166 131.5 105.0 157.6
129 94.0 74.7 112.1
131 92.5 71.0 106.4





#65

Chlorobenzene

Concen: 16.795 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN063014.D

Acq: 19 Aug 2020 15:32

Instrument :

MSVOA_D

ClientSampleId :

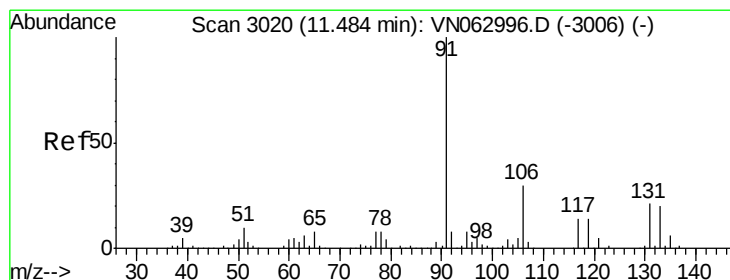
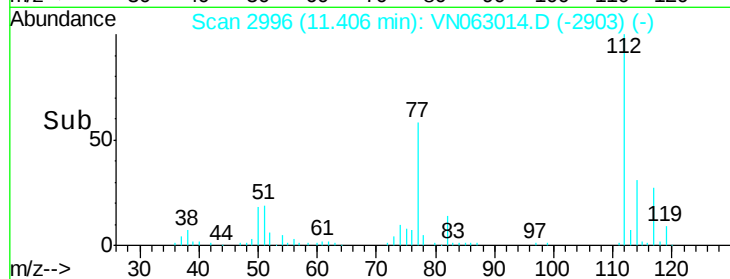
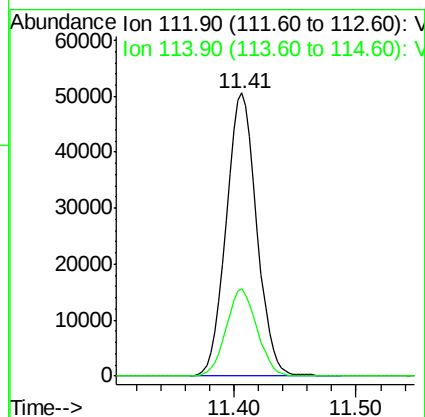
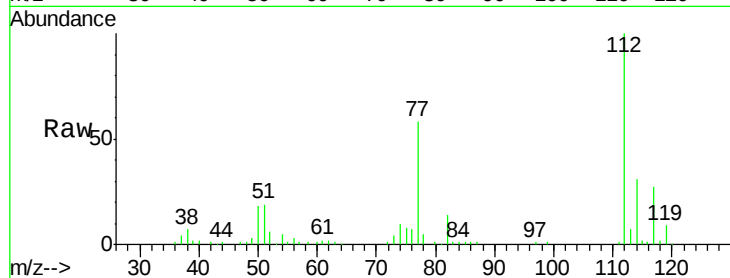
VN0819MBS01

Tgt Ion:112 Resp: 88569

Ion Ratio Lower Upper

112 100

114 30.7 25.3 37.9



#66

1,1,1,2-Tetrachloroethane

Concen: 17.073 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. -0.00 min

Lab File: VN063014.D

Acq: 19 Aug 2020 15:32

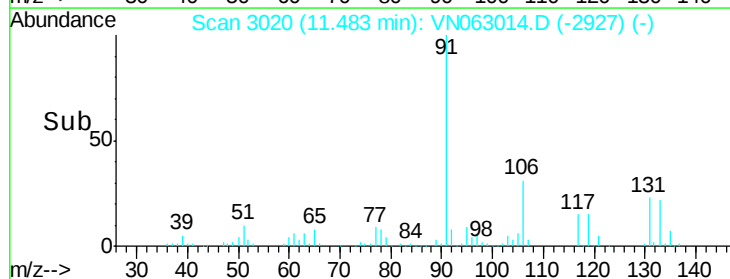
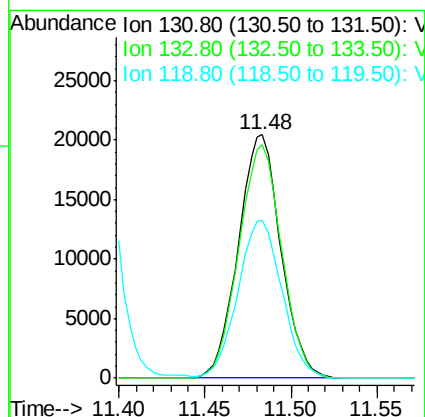
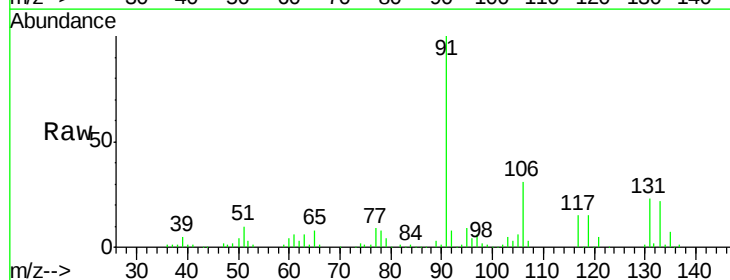
Tgt Ion:131 Resp: 35021

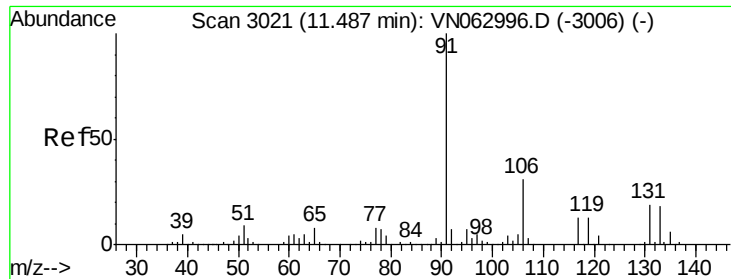
Ion Ratio Lower Upper

131 100

133 96.4 47.5 142.6

119 67.3 33.1 99.3

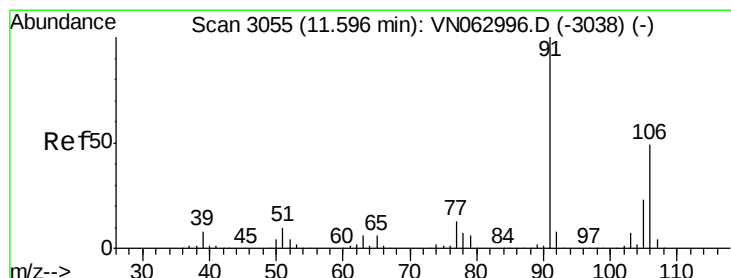
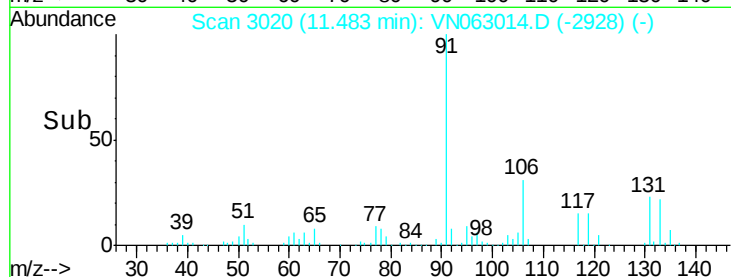
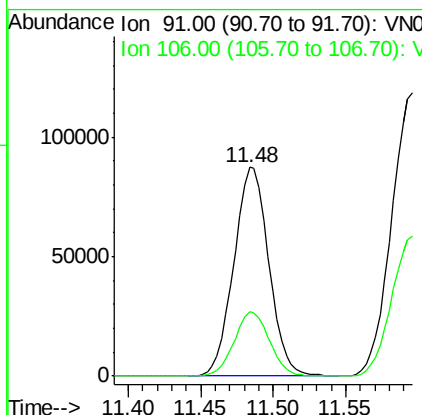
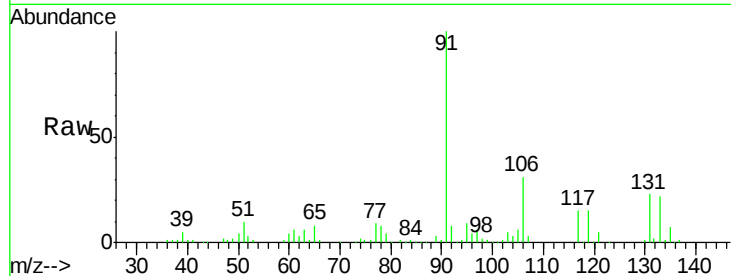




#67
Ethyl Benzene
Concen: 16.435 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN063014.D
Acq: 19 Aug 2020 15:32

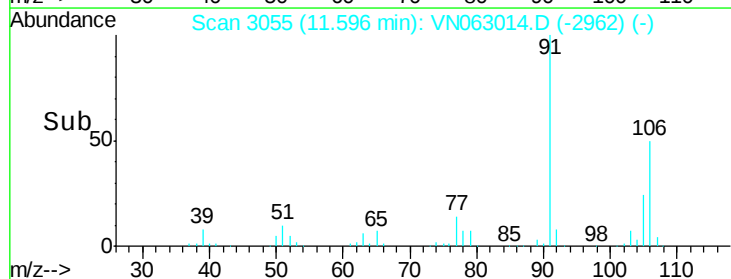
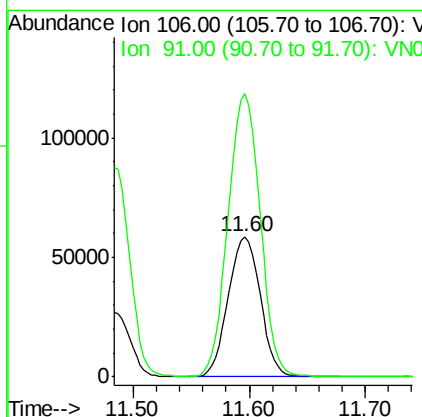
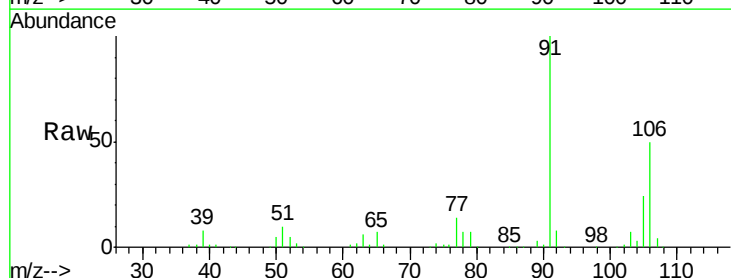
Instrument :
MSVOA_D
ClientSampleId :
VN0819MBS01

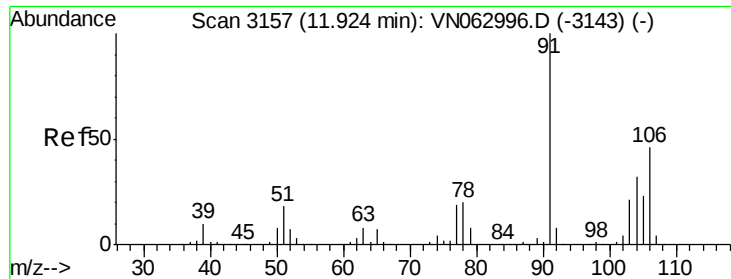
Tgt Ion: 91 Resp: 146444
Ion Ratio Lower Upper
91 100
106 30.8 24.6 37.0



#68
m/p-Xylenes
Concen: 34.101 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. -0.00 min
Lab File: VN063014.D
Acq: 19 Aug 2020 15:32

Tgt Ion: 106 Resp: 112936
Ion Ratio Lower Upper
106 100
91 201.0 163.0 244.4

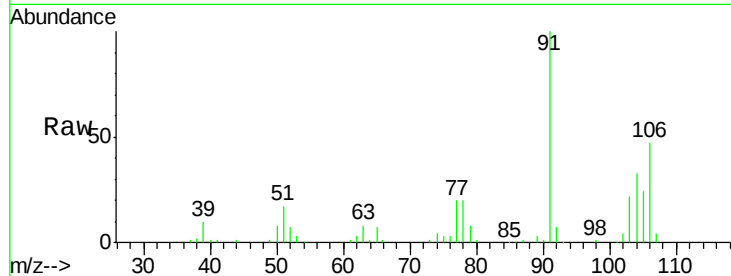




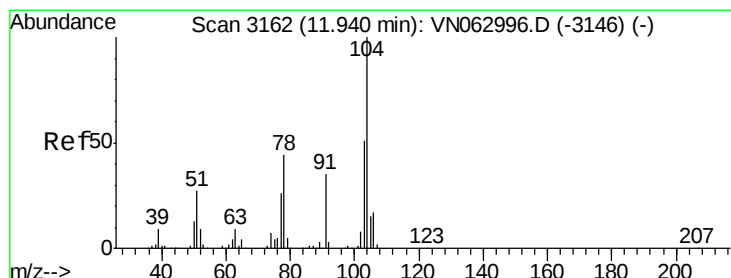
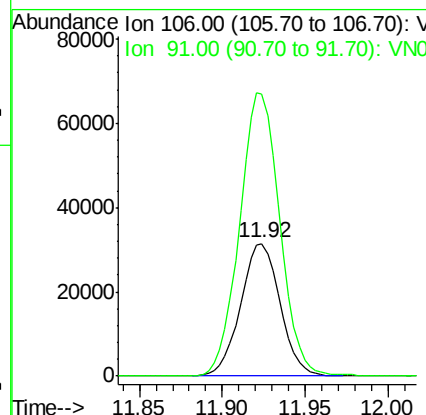
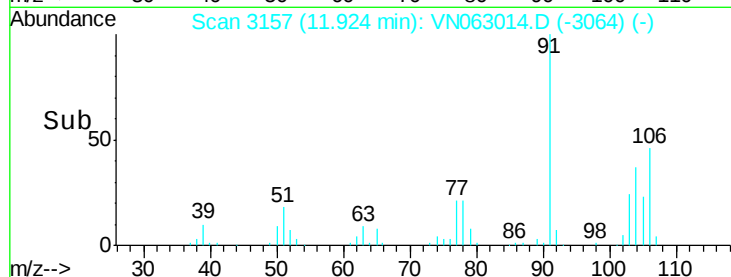
#69
o-Xylene
Concen: 16.427 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. -0.00 min
Lab File: VN063014.D
Acq: 19 Aug 2020 15:32

Instrument :
MSVOA_D
ClientSampleId :
VN0819MBS01

Tgt Ion:106 Resp: 52242
Ion Ratio Lower Upper
106 100
91 217.0 107.3 321.9

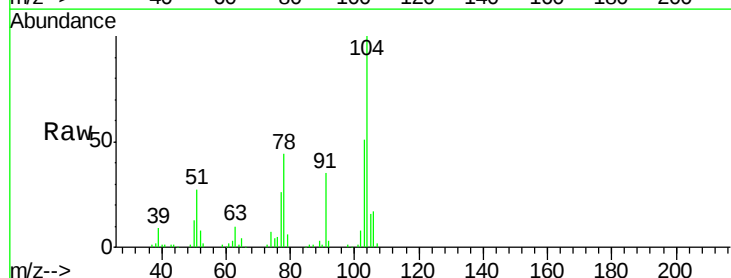


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

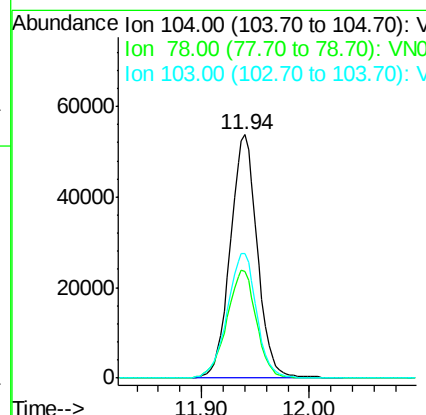
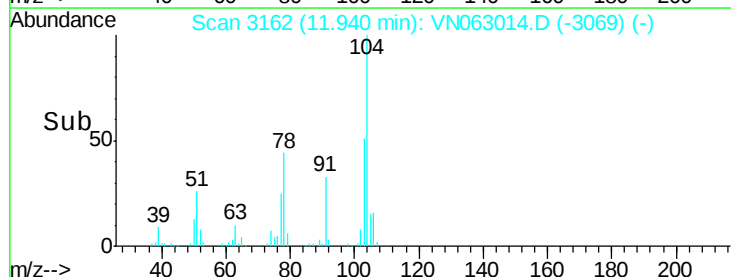


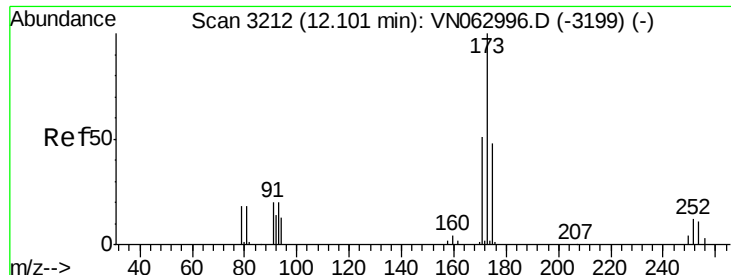
#70
Styrene
Concen: 16.249 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN063014.D
Acq: 19 Aug 2020 15:32

Tgt Ion:104 Resp: 94025
Ion Ratio Lower Upper
104 100
78 48.1 39.0 58.6
103 55.4 44.3 66.5



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN0
Ion 103.00 (102.70 to 103.70): V

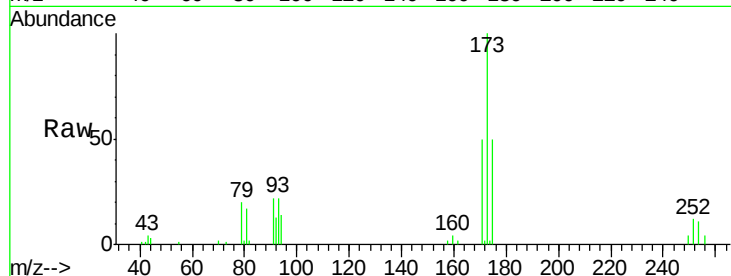




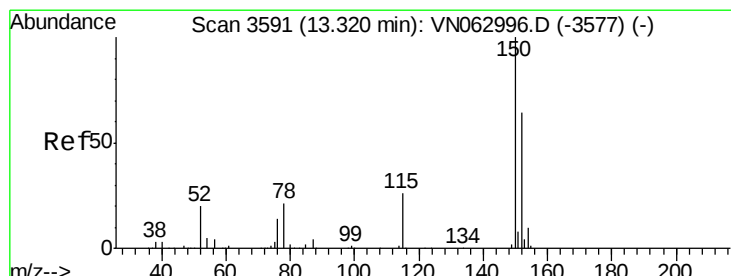
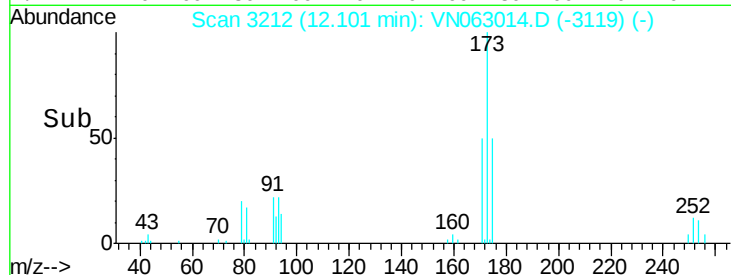
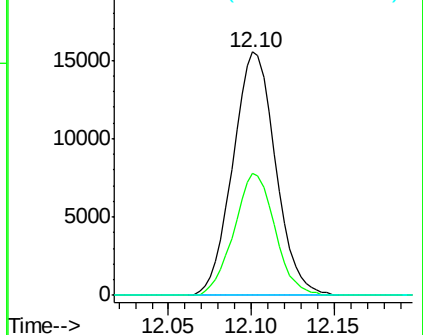
#71
Bromoform
Concen: 17.007 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. -0.00 min
Lab File: VN063014.D
Acq: 19 Aug 2020 15:32

Instrument :
MSVOA_D
ClientSampleId :
VN0819MBS01

Tgt Ion:173 Resp: 27767
Ion Ratio Lower Upper
173 100
175 47.9 24.3 72.8
254 0.0 0.0 0.0

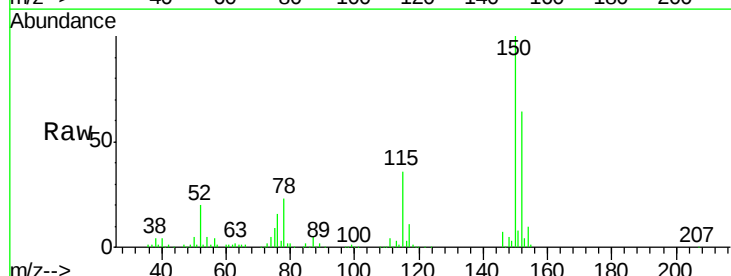


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

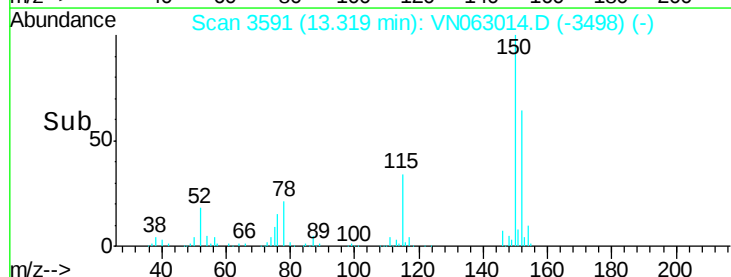
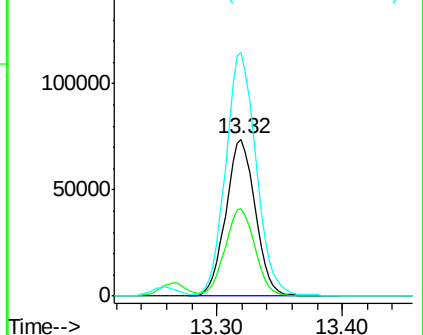


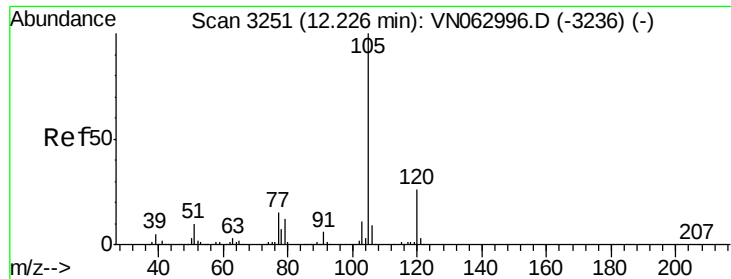
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. -0.00 min
Lab File: VN063014.D
Acq: 19 Aug 2020 15:32

Tgt Ion:152 Resp: 120325
Ion Ratio Lower Upper
152 100
115 56.6 28.7 86.3
150 161.0 0.0 348.8



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: 17.079 ug/l

RT: 12.23 min Scan# 3251

Delta R.T. -0.00 min

Lab File: VN063014.D

Acq: 19 Aug 2020 15:32

Instrument :

MSVOA_D

ClientSampleId :

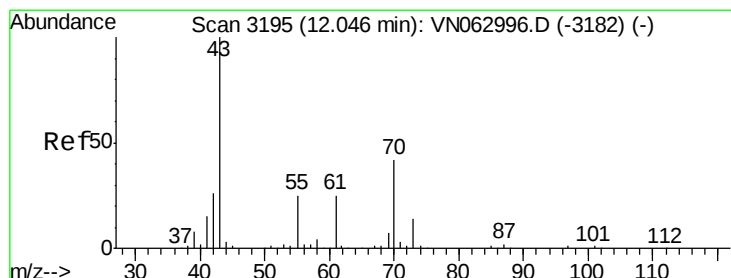
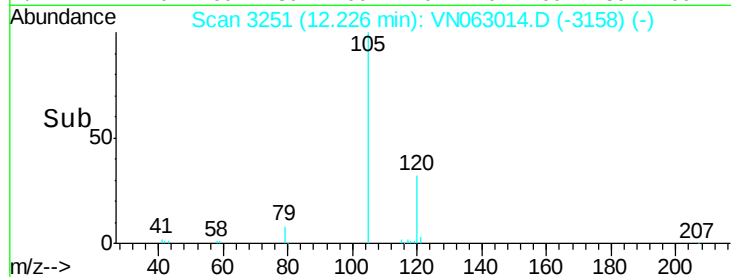
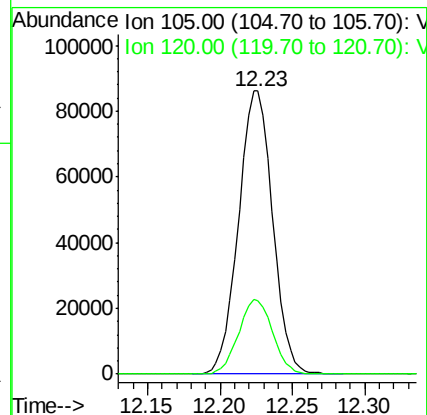
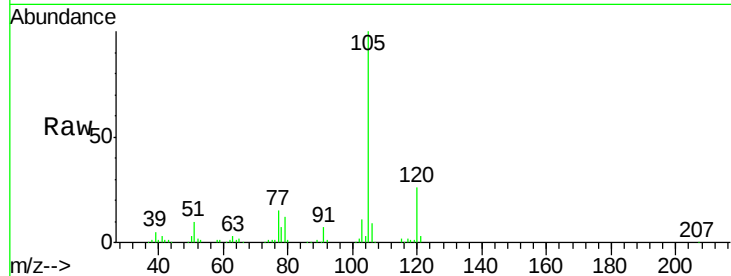
VN0819MBS01

Tgt Ion:105 Resp: 140727

Ion Ratio Lower Upper

105 100

120 26.3 13.2 39.6



#74

N-ethyl acetate

Concen: 17.215 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN063014.D

Acq: 19 Aug 2020 15:32

Tgt Ion: 43 Resp: 50804

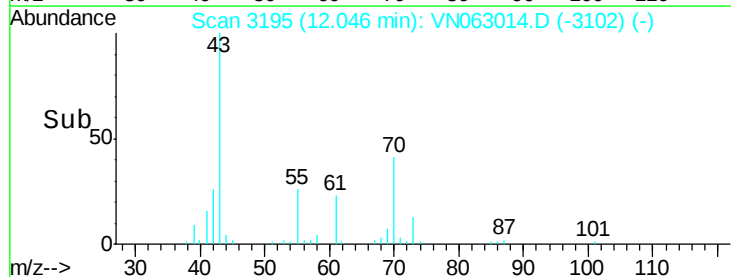
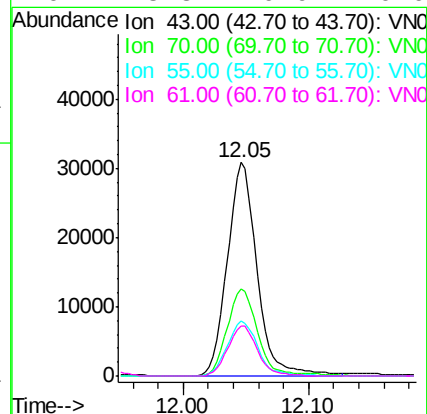
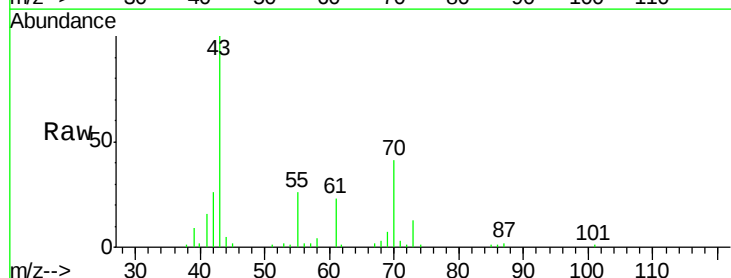
Ion Ratio Lower Upper

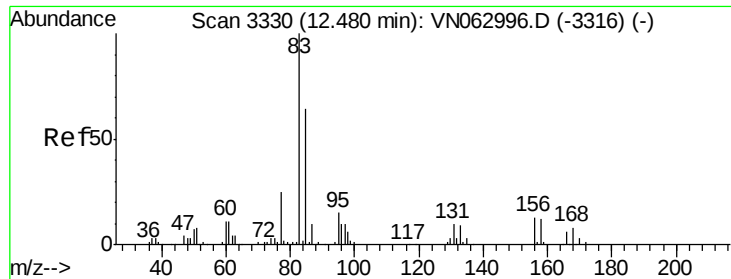
43 100

70 41.8 33.4 50.0

55 26.1 20.2 30.2

61 23.3 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 17.609 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN063014.D

Acq: 19 Aug 2020 15:32

Instrument :

MSVOA_D

ClientSampleId :

VN0819MBS01

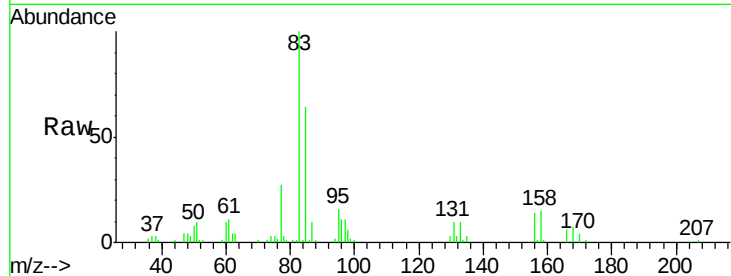
Tgt Ion: 83 Resp: 49721

Ion Ratio Lower Upper

83 100

131 9.9 4.9 14.7

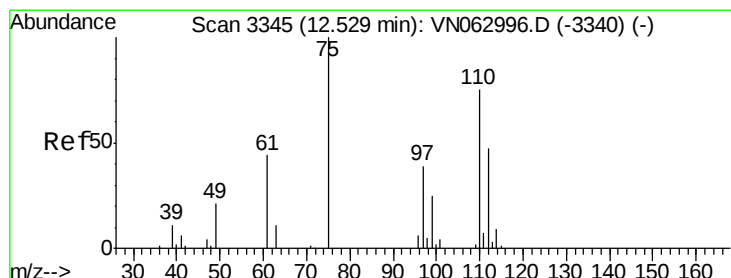
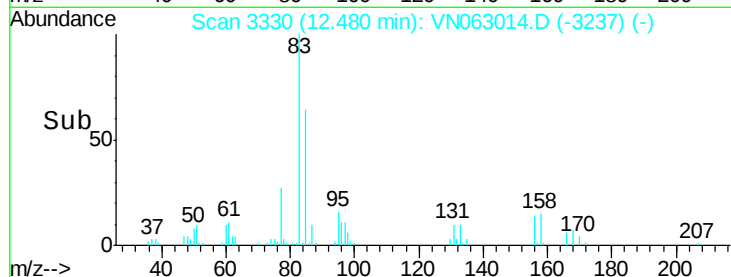
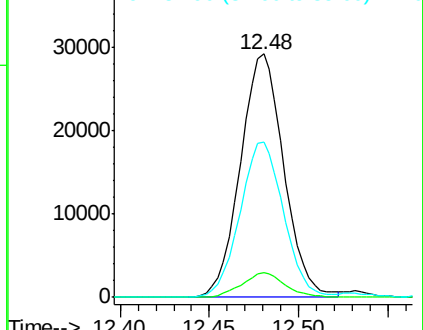
85 64.0 31.9 95.5



Abundance Ion 82.90 (82.60 to 83.60): VN063014.D (-3237) (-)

Ion 130.80 (130.50 to 131.50): VN063014.D (-3237) (-)

Ion 84.90 (84.60 to 85.60): VN063014.D (-3237) (-)



#76

1,2,3-Trichloropropane

Concen: 25.285 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN063014.D

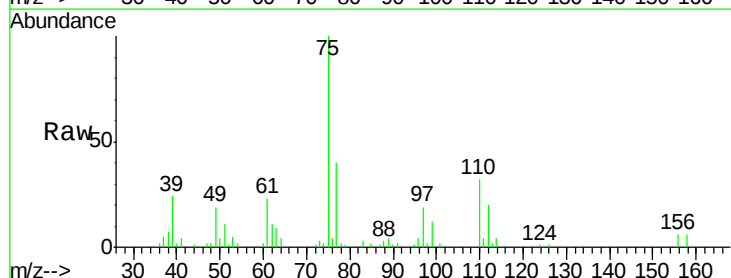
Acq: 19 Aug 2020 15:32

Tgt Ion: 75 Resp: 59138

Ion Ratio Lower Upper

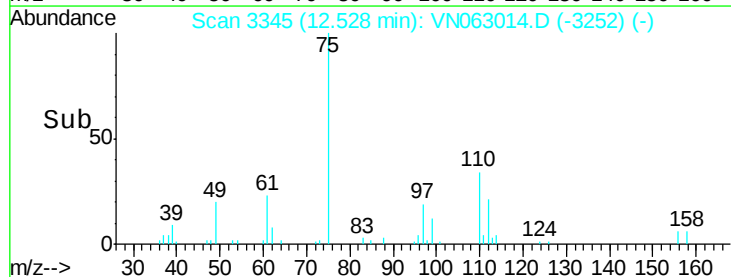
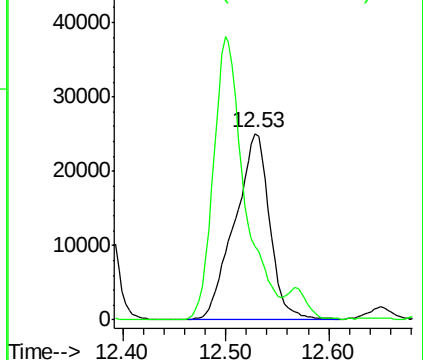
75 100

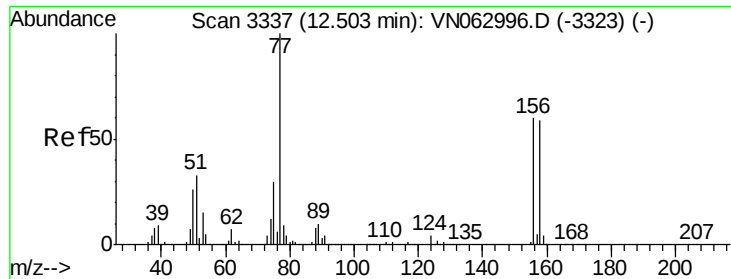
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN063014.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN063014.D (-3252) (-)





#77

Bromobenzene

Concen: 17.260 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN063014.D

Acq: 19 Aug 2020 15:32

Instrument :

MSVOA_D

ClientSampleId :

VN0819MBS01

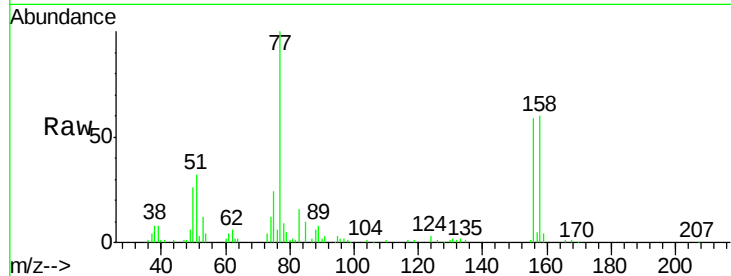
Tgt Ion:156 Resp: 39115

Ion Ratio Lower Upper

156 100

77 203.8 101.0 302.9

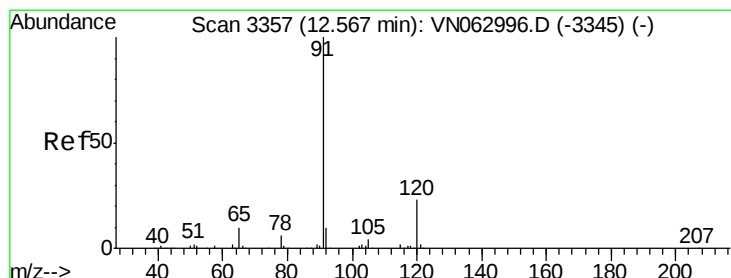
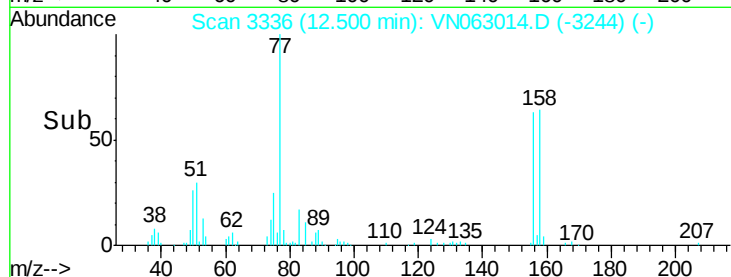
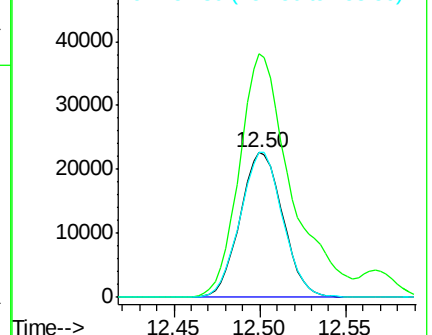
158 99.6 49.4 148.0



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: 17.361 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN063014.D

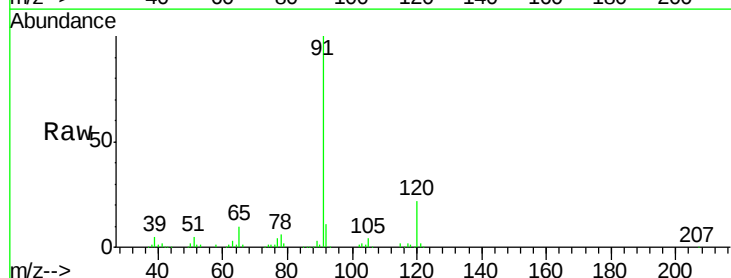
Acq: 19 Aug 2020 15:32

Tgt Ion: 91 Resp: 163052

Ion Ratio Lower Upper

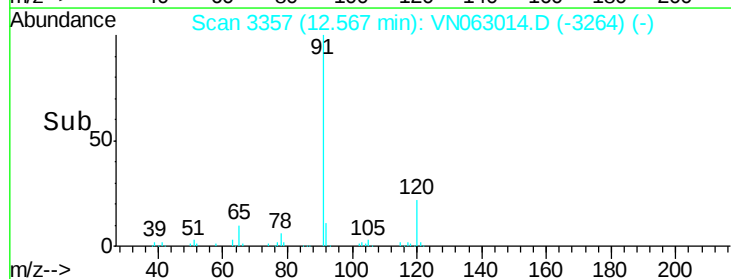
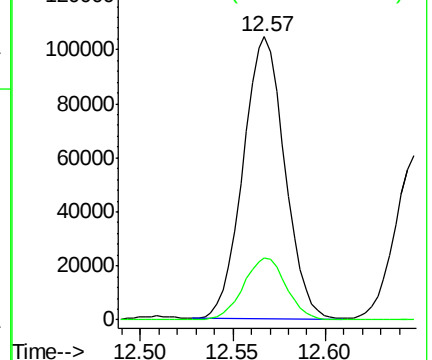
91 100

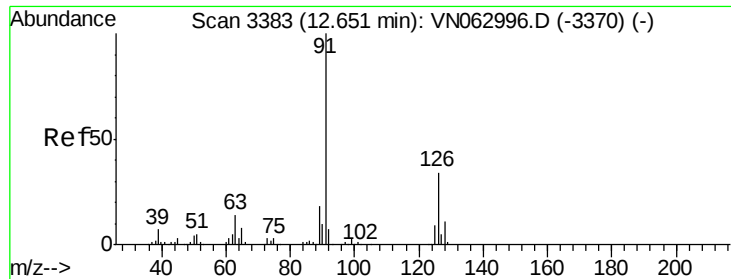
120 22.5 11.4 34.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.344 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. -0.00 min

Lab File: VN063014.D

Acq: 19 Aug 2020 15:32

Instrument :

MSVOA_D

ClientSampleId :

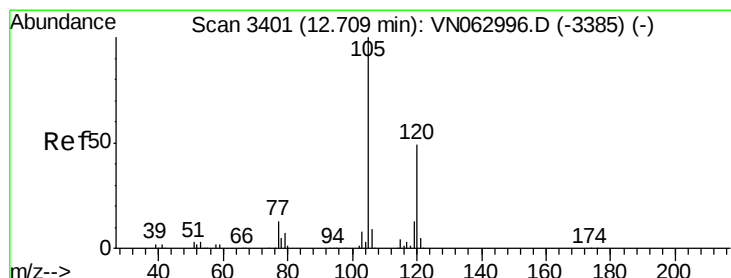
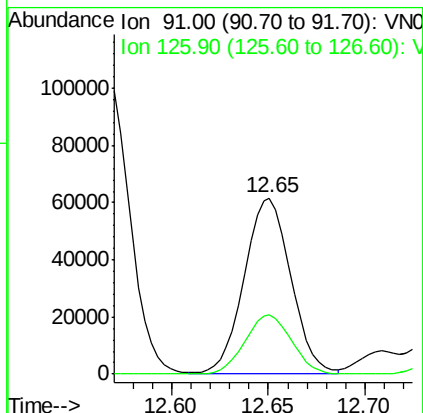
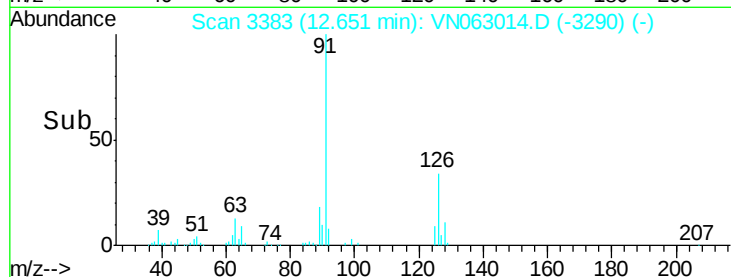
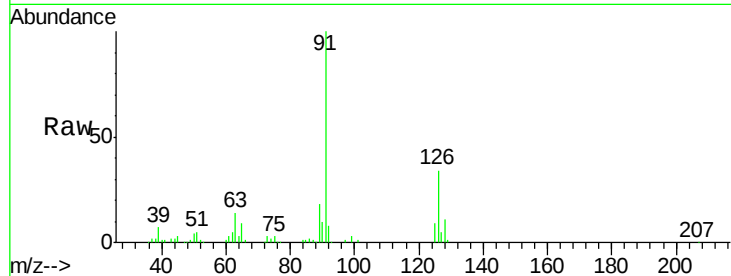
VN0819MBS01

Tgt Ion: 91 Resp: 102459

Ion Ratio Lower Upper

91 100

126 34.1 17.1 51.2



#80

1,3,5-Trimethylbenzene

Concen: 17.614 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN063014.D

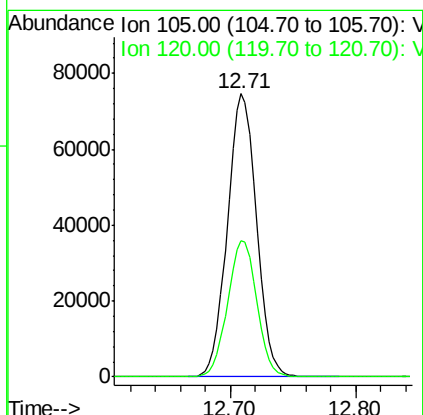
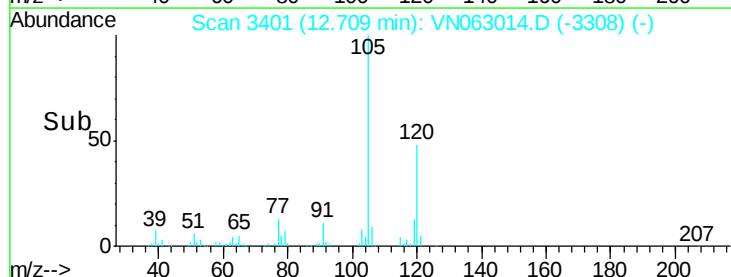
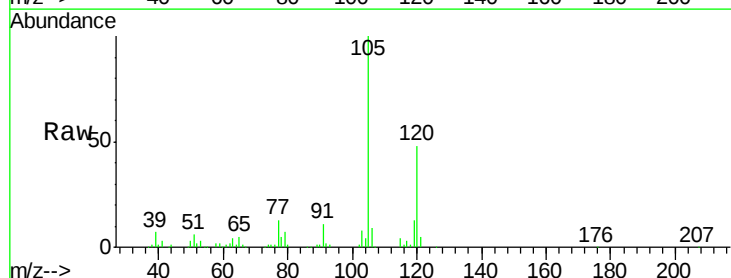
Acq: 19 Aug 2020 15:32

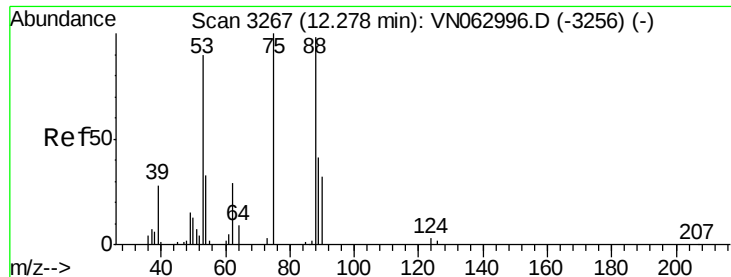
Tgt Ion: 105 Resp: 119975

Ion Ratio Lower Upper

105 100

120 48.2 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 16.853 ug/l

RT: 12.28 min Scan# 3267

Delta R.T. -0.00 min

Lab File: VN063014.D

Acq: 19 Aug 2020 15:32

Instrument :

MSVOA_D

ClientSampleId :

VN0819MBS01

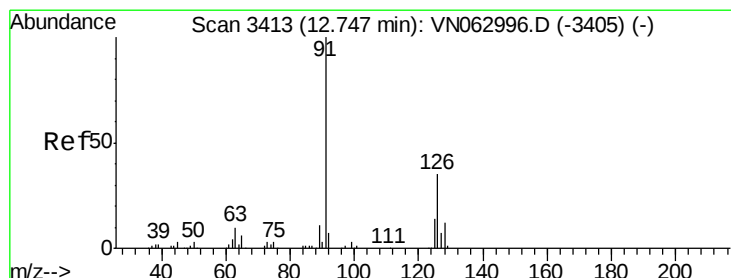
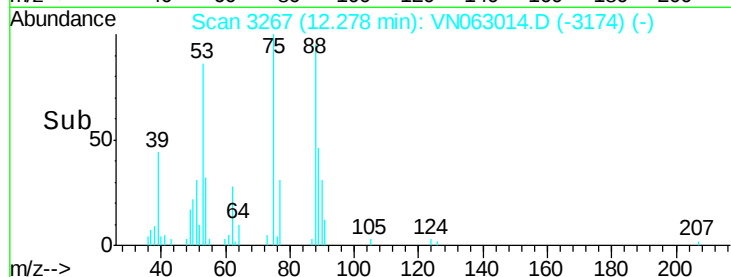
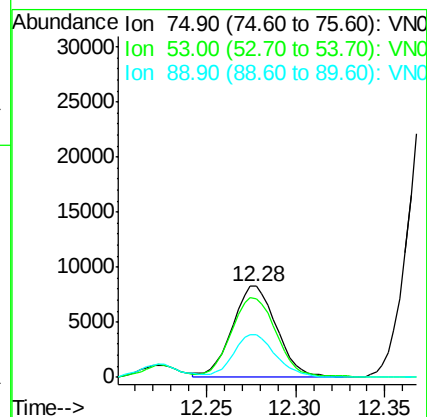
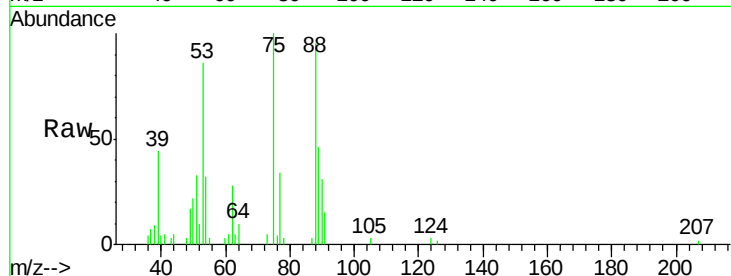
Tgt Ion: 75 Resp: 14352

Ion Ratio Lower Upper

75 100

53 89.6 69.2 103.8

89 44.5 34.2 51.4



#82

4-Chlorotoluene

Concen: 17.802 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN063014.D

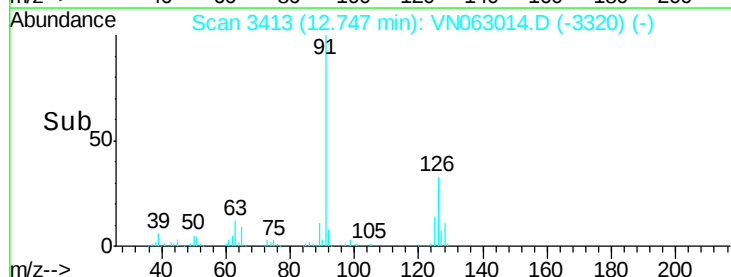
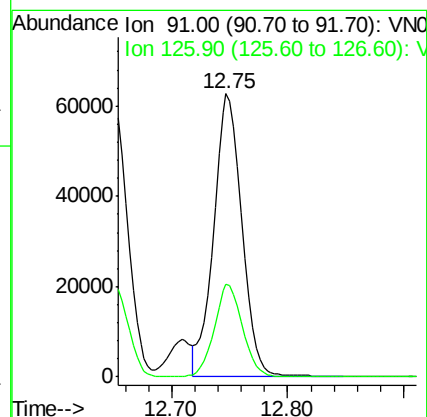
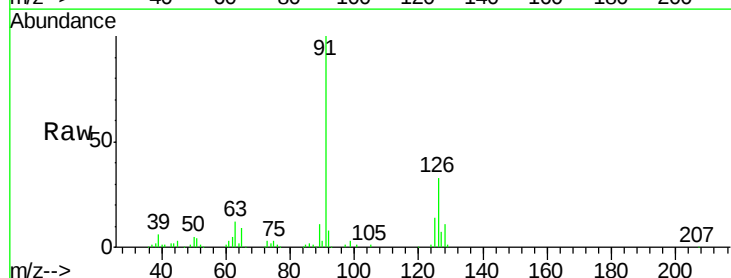
Acq: 19 Aug 2020 15:32

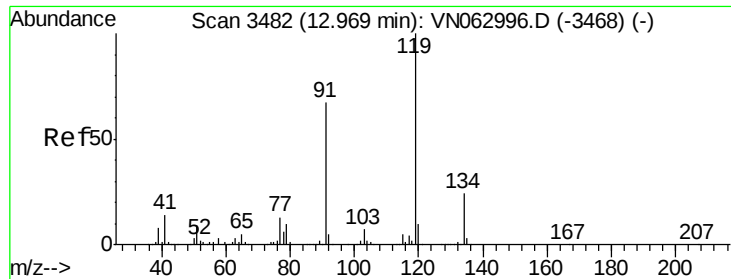
Tgt Ion: 91 Resp: 107083

Ion Ratio Lower Upper

91 100

126 32.6 16.5 49.5

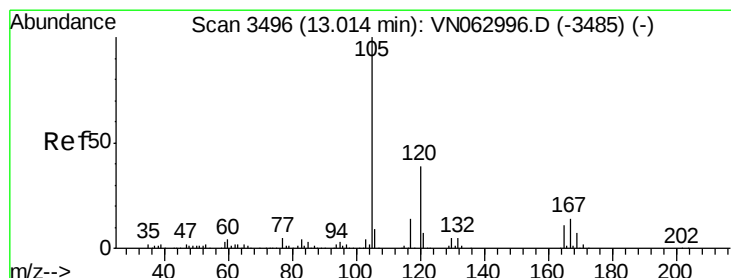
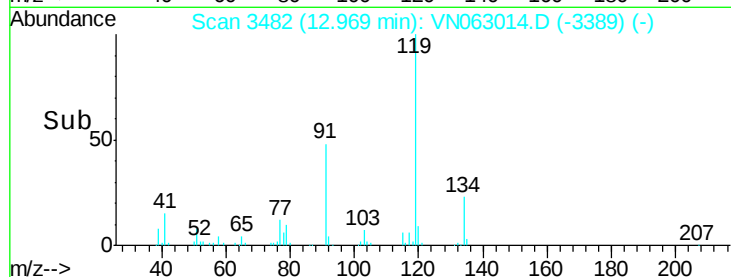
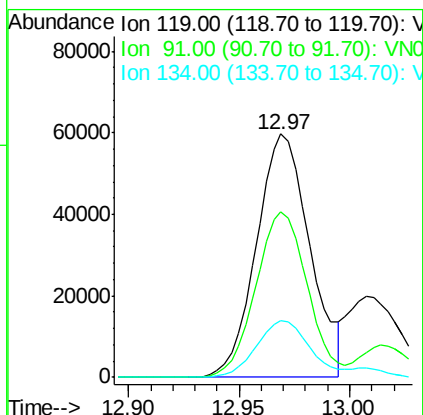
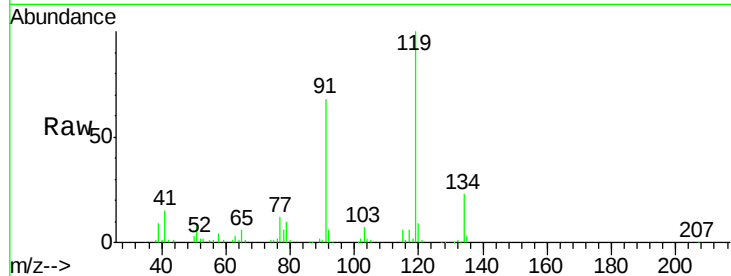




#83
 tert-Butylbenzene
 Concen: 17.017 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN063014.D
 Acq: 19 Aug 2020 15:32

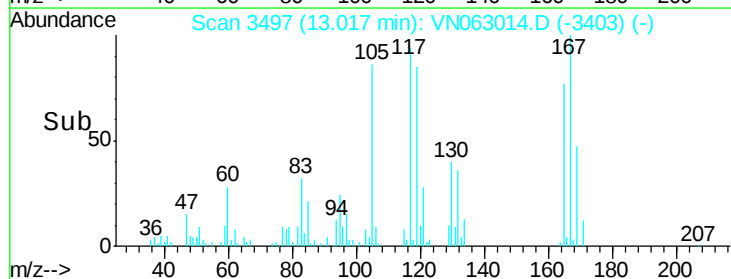
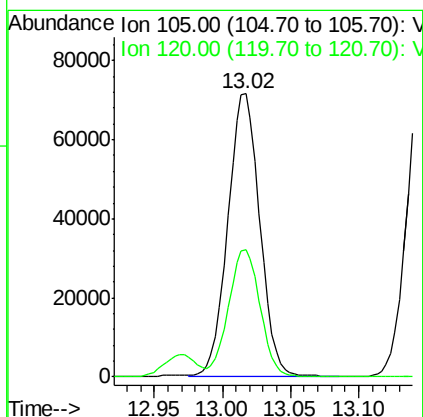
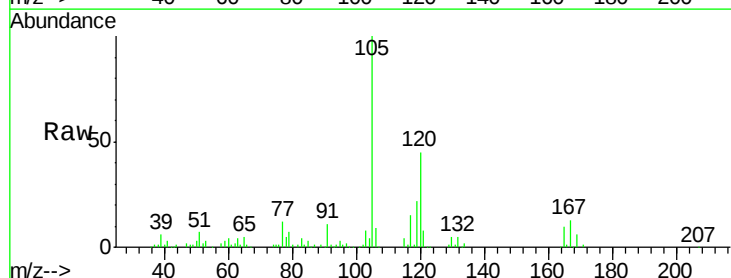
Instrument :
 MSVOA_D
 ClientSampleId :
 VN0819MBS01

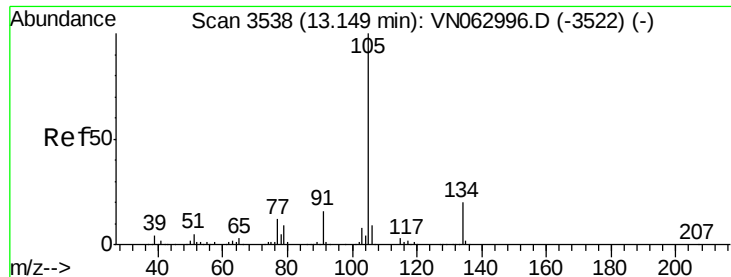
Tgt Ion:119 Resp: 100044
 Ion Ratio Lower Upper
 119 100
 91 65.9 32.5 97.4
 134 23.2 13.1 39.3



#84
 1,2,4-Trimethylbenzene
 Concen: 17.449 ug/l
 RT: 13.02 min Scan# 3497
 Delta R.T. 0.00 min
 Lab File: VN063014.D
 Acq: 19 Aug 2020 15:32

Tgt Ion:105 Resp: 115786
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.5 67.5





#85

sec-Butylbenzene

Concen: 16.955 ug/l

RT: 13.15 min Scan# 3538

Delta R.T. -0.00 min

Lab File: VN063014.D

Acq: 19 Aug 2020 15:32

Instrument :

MSVOA_D

ClientSampleId :

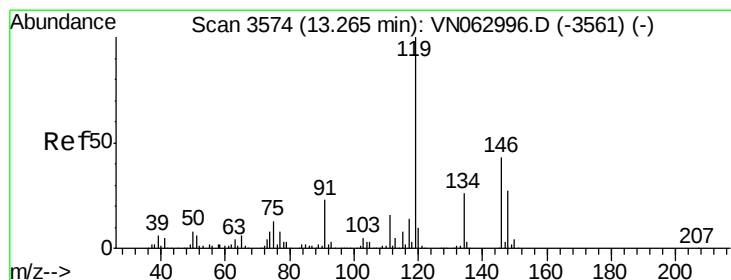
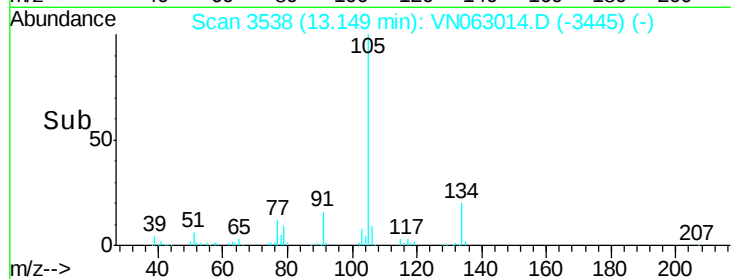
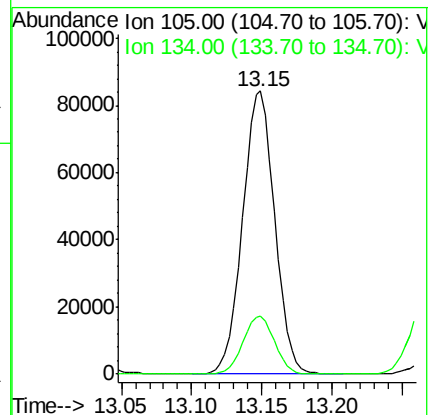
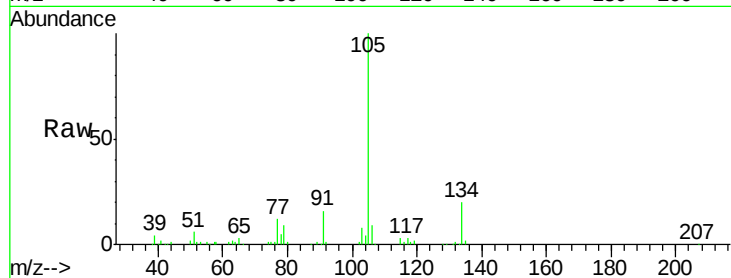
VN0819MBS01

Tgt Ion:105 Resp: 134715

Ion Ratio Lower Upper

105 100

134 20.0 9.8 29.4



#86

p-Isopropyltoluene

Concen: 16.684 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN063014.D

Acq: 19 Aug 2020 15:32

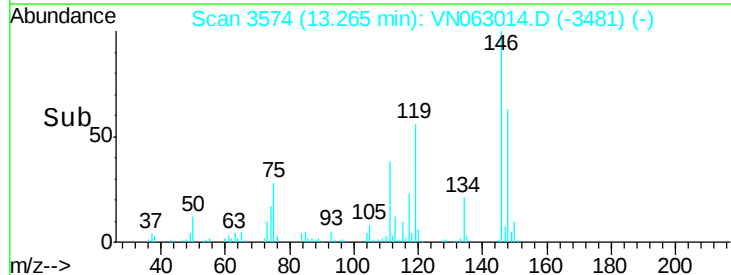
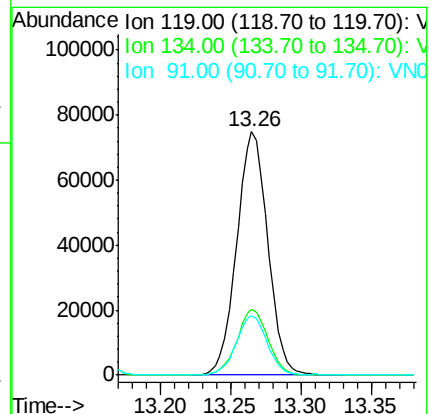
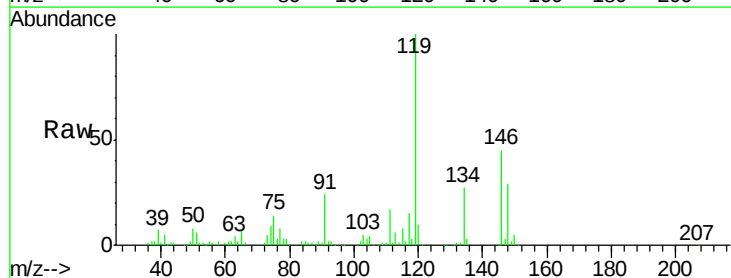
Tgt Ion:119 Resp: 115505

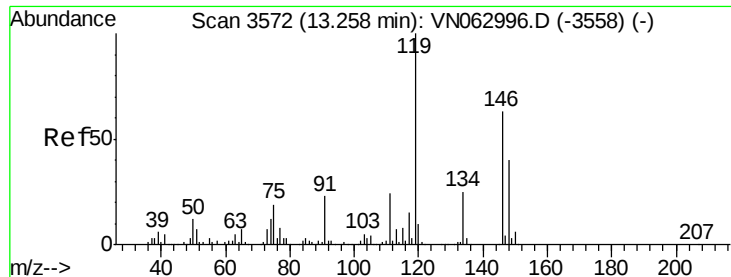
Ion Ratio Lower Upper

119 100

134 26.9 13.1 39.3

91 24.4 11.5 34.4

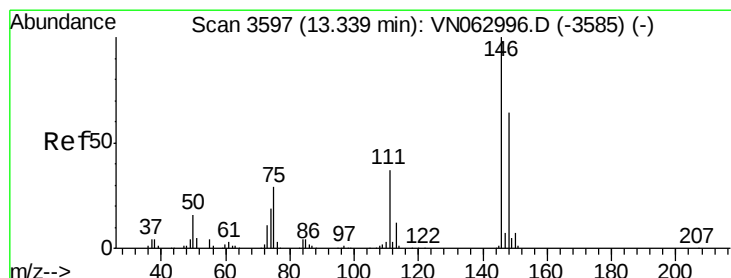
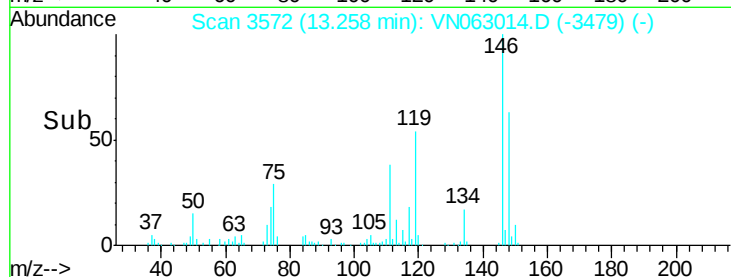
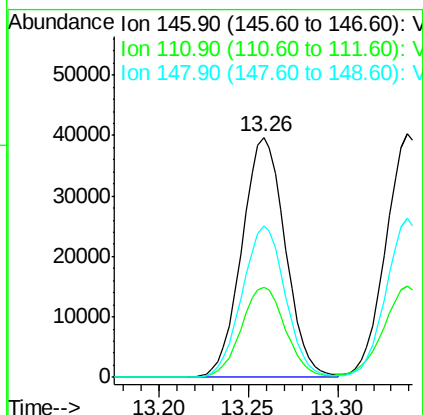
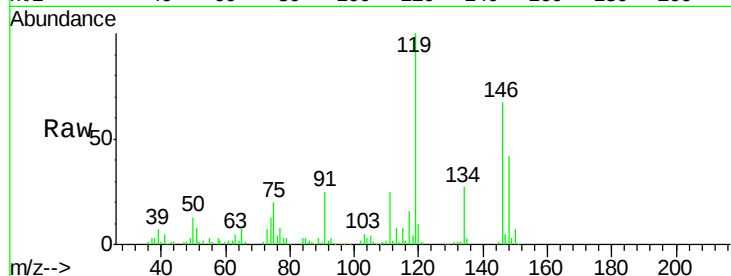




#87
 1,3-Dichlorobenzene
 Concen: 17.295 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN063014.D
 Acq: 19 Aug 2020 15:32

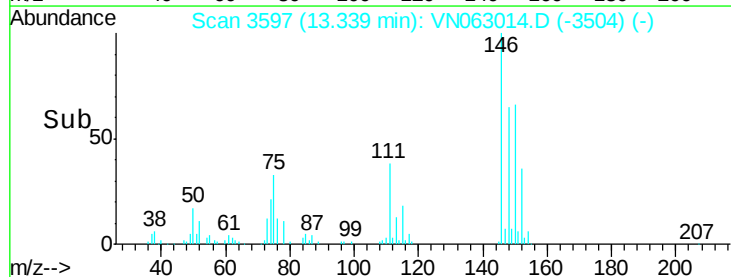
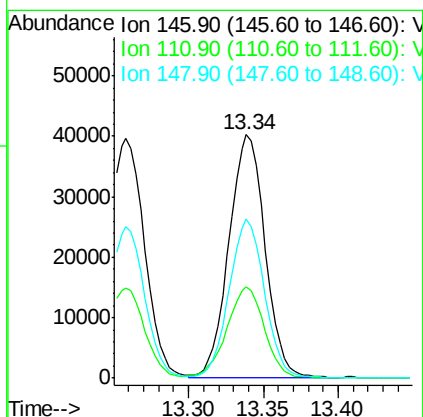
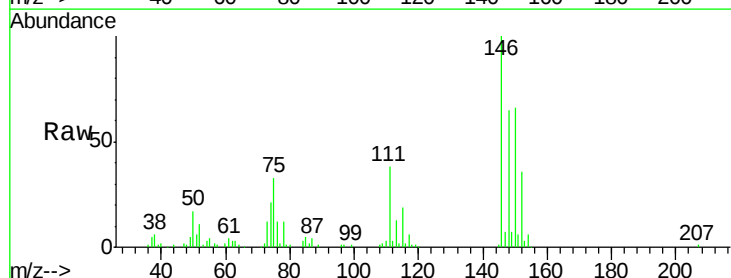
Instrument :
 MSVOA_D
 ClientSampleId :
 VN0819MBS01

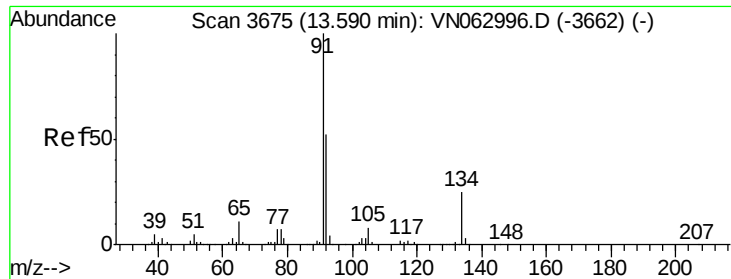
Tgt Ion:146 Resp: 67358
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.4 58.1
 148 63.0 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 17.189 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN063014.D
 Acq: 19 Aug 2020 15:32

Tgt Ion:146 Resp: 67946
 Ion Ratio Lower Upper
 146 100
 111 38.9 18.8 56.4
 148 64.0 32.4 97.0

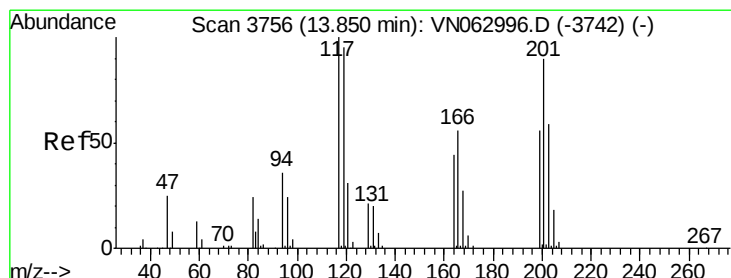
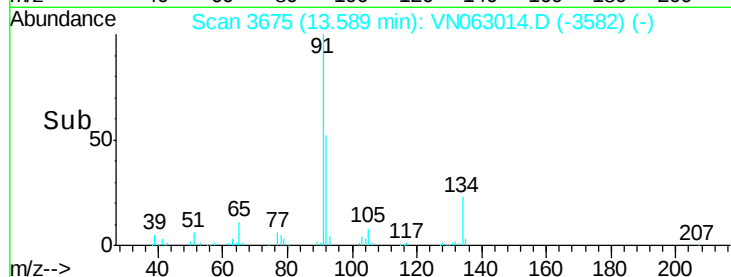
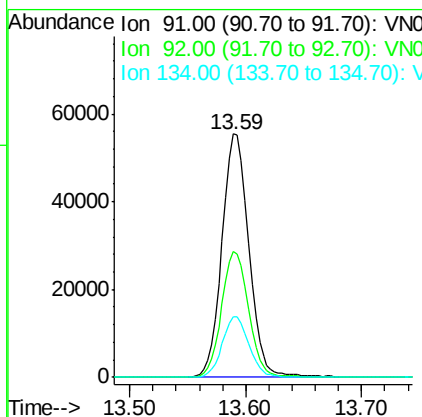
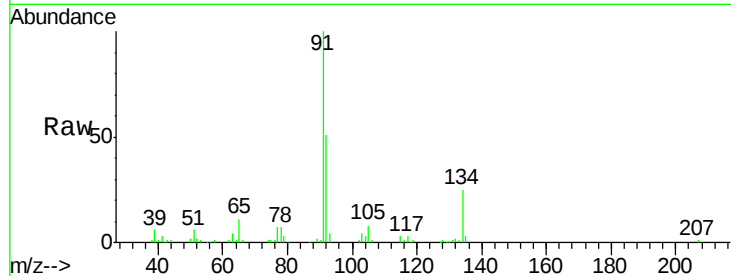




#89
n-Butylbenzene
Concen: 15.631 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN063014.D
Acq: 19 Aug 2020 15:32

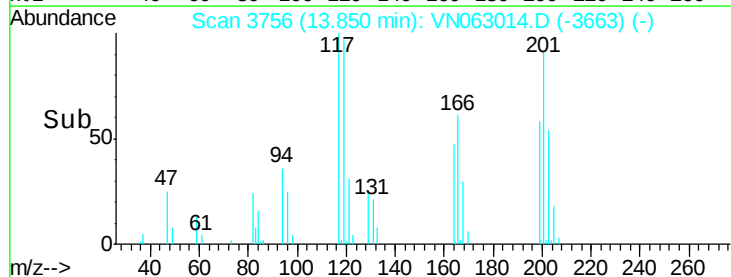
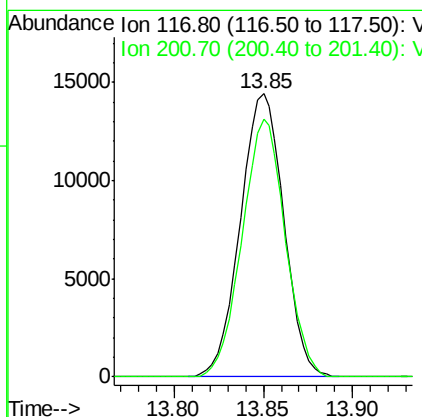
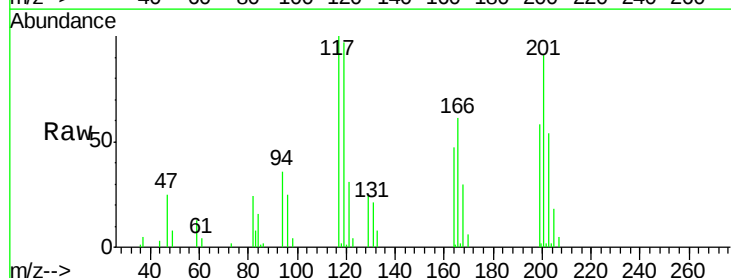
Instrument :
MSVOA_D
ClientSampleId :
VN0819MBS01

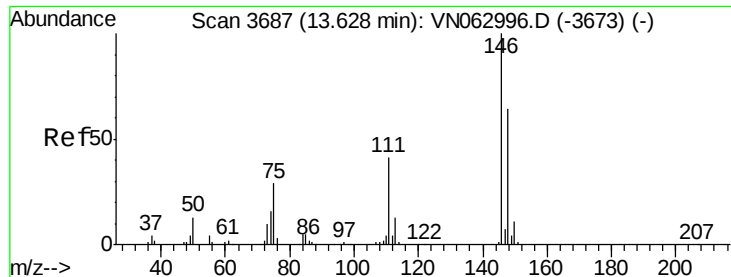
Tgt Ion: 91 Resp: 89335
Ion Ratio Lower Upper
91 100
92 51.6 25.9 77.6
134 24.5 12.4 37.0



#90
Hexachloroethane
Concen: 16.687 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN063014.D
Acq: 19 Aug 2020 15:32

Tgt Ion: 117 Resp: 24554
Ion Ratio Lower Upper
117 100
201 90.2 44.1 132.4

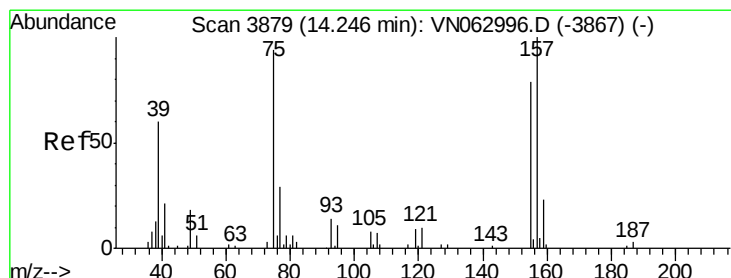
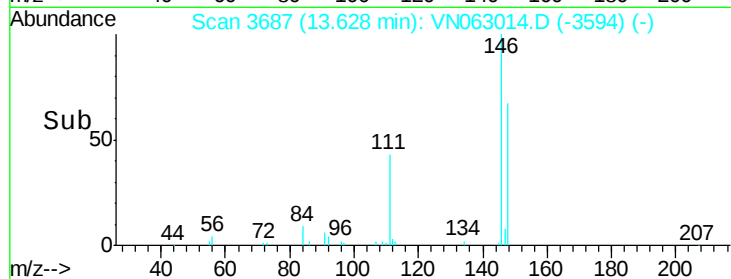
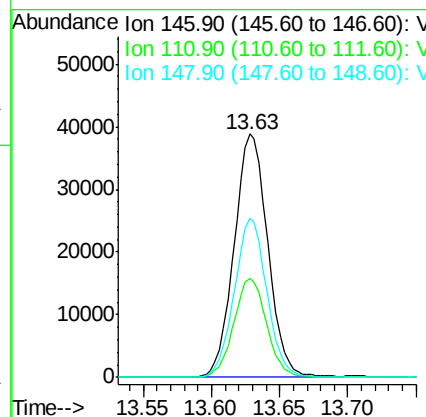
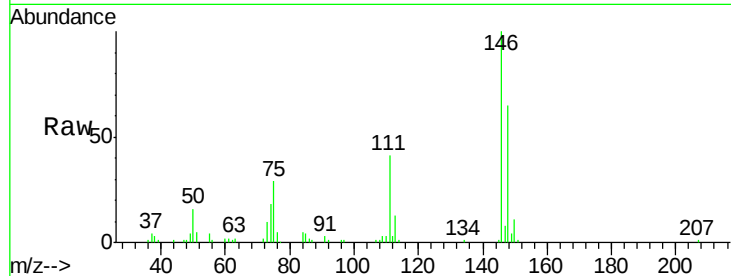




#91
 1,2-Dichlorobenzene
 Concen: 17.717 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN063014.D
 Acq: 19 Aug 2020 15:32

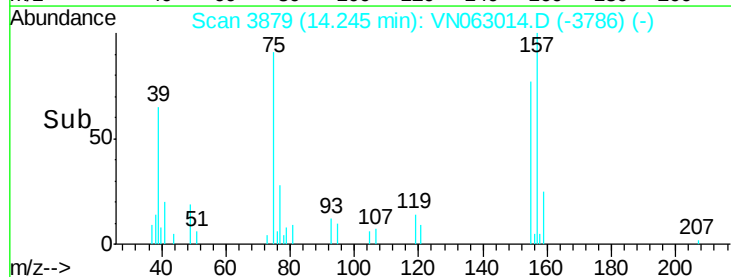
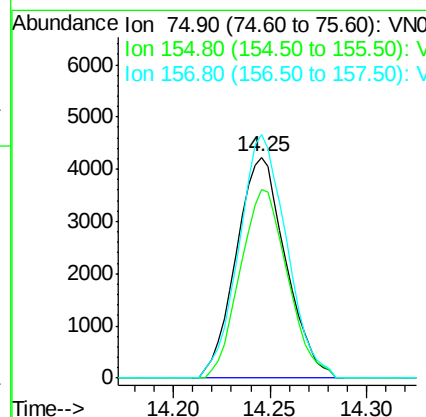
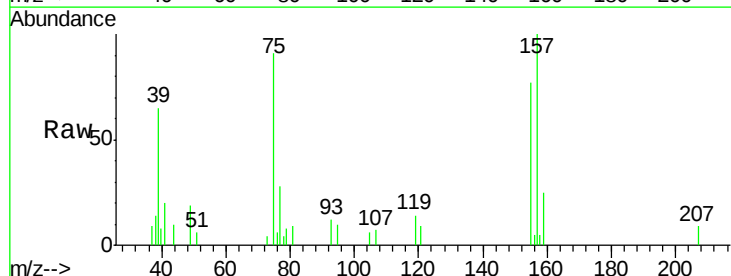
Instrument :
 MSVOA_D
 ClientSampleId :
 VN0819MBS01

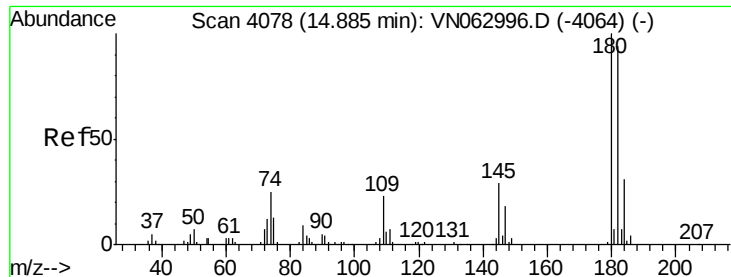
Tgt Ion:146 Resp: 66651
 Ion Ratio Lower Upper
 146 100
 111 39.5 20.2 60.5
 148 63.1 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.145 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN063014.D
 Acq: 19 Aug 2020 15:32

Tgt Ion: 75 Resp: 7530
 Ion Ratio Lower Upper
 75 100
 155 81.8 42.4 127.1
 157 106.0 55.2 165.6

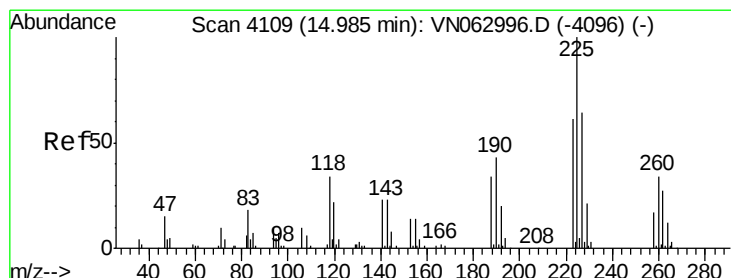
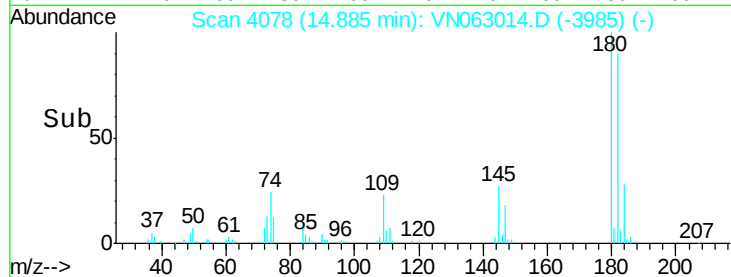
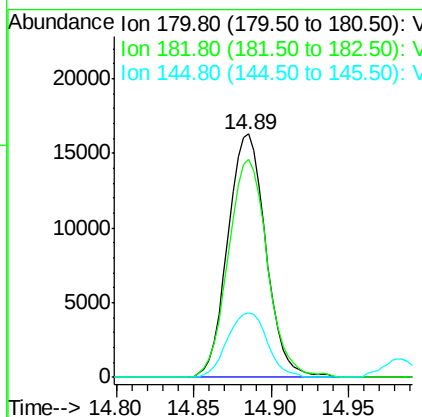
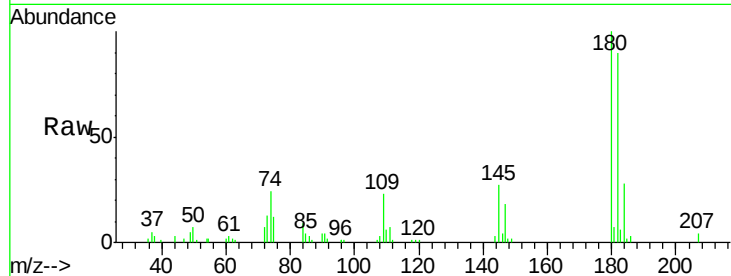




#93
 1,2,4-Trichlorobenzene
 Concen: 16.655 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN063014.D
 Acq: 19 Aug 2020 15:32

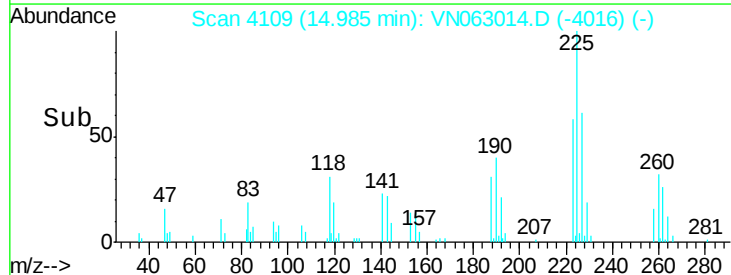
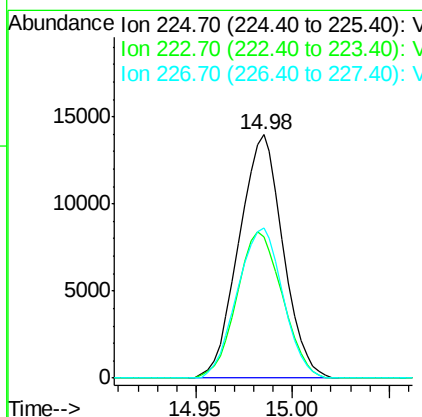
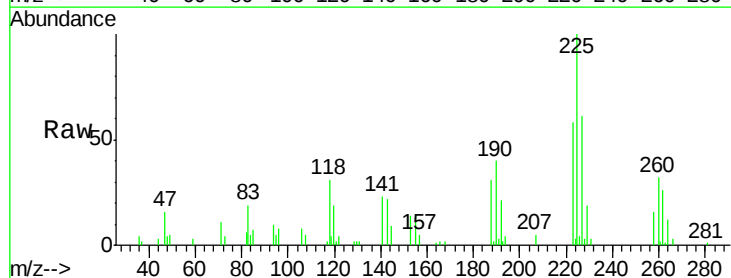
Instrument :
 MSVOA_D
 ClientSampleId :
 VN0819MBS01

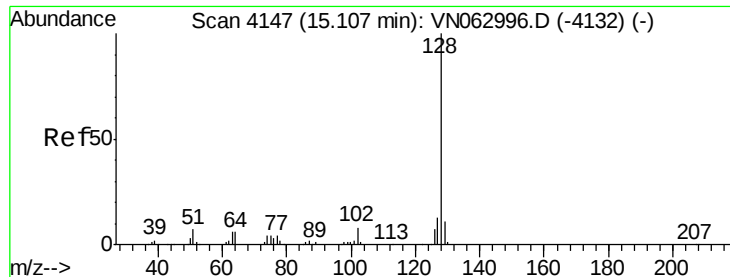
Tgt Ion:180 Resp: 27779
 Ion Ratio Lower Upper
 180 100
 182 92.4 47.0 141.2
 145 27.8 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 15.966 ug/l
 RT: 14.98 min Scan# 4109
 Delta R.T. -0.00 min
 Lab File: VN063014.D
 Acq: 19 Aug 2020 15:32

Tgt Ion:225 Resp: 22195
 Ion Ratio Lower Upper
 225 100
 223 61.9 30.9 92.5
 227 63.5 31.9 95.9

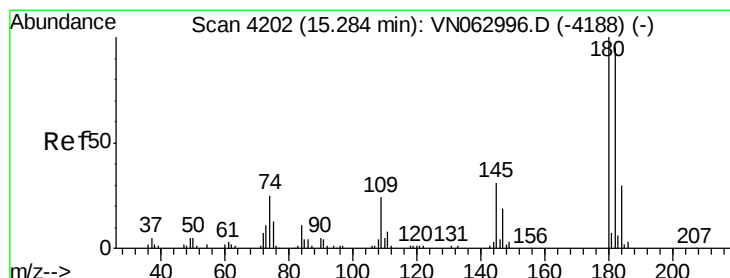
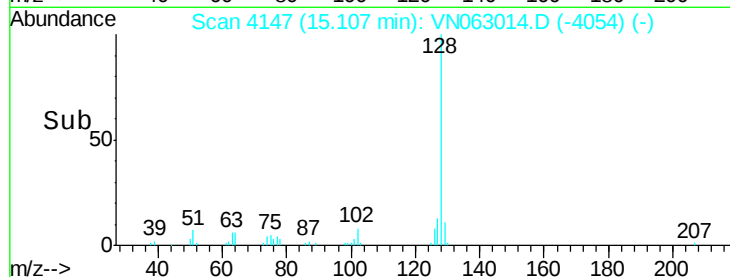
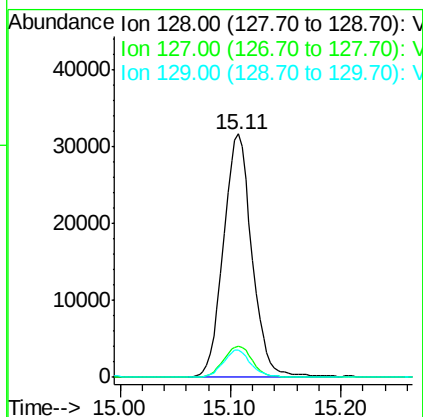
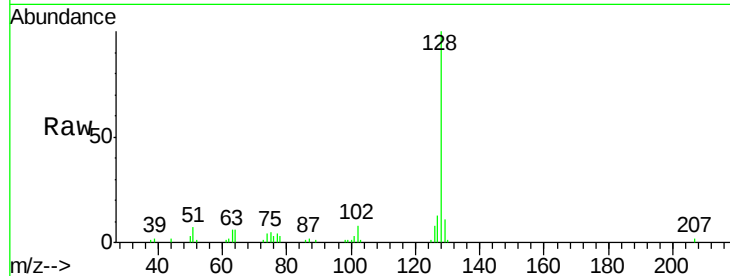




#95
Naphthalene
Concen: 16.137 ug/l
RT: 15.11 min Scan# 4147
Delta R.T. 0.00 min
Lab File: VN063014.D
Acq: 19 Aug 2020 15:32

Instrument :
MSVOA_D
ClientSampleId :
VN0819MBS01

Tgt Ion:128 Resp: 56792
Ion Ratio Lower Upper
128 100
127 13.0 10.6 16.0
129 10.6 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 16.697 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN063014.D
Acq: 19 Aug 2020 15:32

Tgt Ion:180 Resp: 28268
Ion Ratio Lower Upper
180 100
182 95.2 47.3 141.9
145 29.1 15.6 46.7

