

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081420\
 Data File : VN062944.D
 Acq On : 14 Aug 2020 19:43
 Operator : JC/MD
 Sample : VN0814WBS02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0814WBS02

Quant Time: Aug 17 09:29:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	235061	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	380661	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	361709	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	163698	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	175943	45.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.52%	
35) Dibromofluoromethane	7.55	113	130161	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	
50) Toluene-d8	10.06	98	491191	48.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.64%	
62) 4-Bromofluorobenzene	12.38	95	176077	45.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.66%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	58752	17.455	ug/l	99
3) Chloromethane	2.03	50	72670	22.878	ug/l	100
4) Vinyl Chloride	2.16	62	65730	22.063	ug/l	99
5) Bromomethane	2.51	94	34742	17.616	ug/l	92
6) Chloroethane	2.66	64	38916	19.856	ug/l	97
7) Trichlorofluoromethane	2.97	101	86794	16.338	ug/l	98
8) Diethyl Ether	3.37	74	29097	19.133	ug/l	84
9) 1,1,2-Trichlorotrifluoroet	3.71	101	42543	19.317	ug/l	96
10) Methyl Iodide	3.91	142	44783	17.393	ug/l	92
11) Tert butyl alcohol	4.74	59	54817	86.042	ug/l	100
12) 1,1-Dichloroethene	3.69	96	37830	18.153	ug/l	96
13) Acrolein	3.57	56	33688	87.333	ug/l	95
14) Allyl chloride	4.27	41	79981	19.434	ug/l	91
15) Acrylonitrile	4.93	53	151800	102.728	ug/l	99
16) Acetone	3.78	43	126720	90.219	ug/l	98
17) Carbon Disulfide	4.00	76	104507	17.790	ug/l	99
18) Methyl Acetate	4.28	43	74330	21.736	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	157912	17.339	ug/l	97
20) Methylene Chloride	4.50	84	52946	20.144	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	42647	18.130	ug/l	98
22) Diisopropyl ether	5.90	45	193106	22.042	ug/l	94
23) Vinyl Acetate	5.85	43	630298	94.587	ug/l	99
24) 1,1-Dichloroethane	5.80	63	98791	19.242	ug/l	100
25) 2-Butanone	6.79	43	201564	101.323	ug/l	96
26) 2,2-Dichloropropane	6.78	77	75432	15.939	ug/l	99
27) cis-1,2-Dichloroethene	6.79	96	52417	18.576	ug/l	96
28) Bromochloromethane	7.15	49	54118	21.841	ug/l	91
29) Tetrahydrofuran	7.17	42	138978	107.535	ug/l	93
30) Chloroform	7.33	83	99077	18.159	ug/l	99
31) Cyclohexane	7.61	56	88900	18.863	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	80817	16.567	ug/l	97
36) 1,1-Dichloropropene	7.75	75	63397	17.104	ug/l	97
37) Ethyl Acetate	6.89	43	76191	19.678	ug/l #	83
38) Carbon Tetrachloride	7.73	117	67863	15.481	ug/l	94

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 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	74054	16.602	ug/l	92
40) Benzene	8.00	78	205357	18.567	ug/l	99
41) Methacrylonitrile	7.17	41	122152	69.915	ug/l #	6
42) 1,2-Dichloroethane	8.08	62	77503	16.464	ug/l	99
43) Isopropyl Acetate	8.13	43	121884	18.873	ug/l	99
44) Trichloroethene	8.80	130	47313	17.558	ug/l	96
45) 1,2-Dichloropropane	9.08	63	61368	20.500	ug/l	96
46) Dibromomethane	9.17	93	37130	18.930	ug/l	98
47) Bromodichloromethane	9.37	83	79307	18.003	ug/l	97
48) Methyl methacrylate	9.17	41	58108	18.293	ug/l	97
49) 1,4-Dioxane	9.17	88	21918	372.382	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	427853	102.394	ug/l	98
52) Toluene	10.13	92	123714	18.116	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	80923	16.700	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	87935	18.075	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	56249	19.286	ug/l	98
56) Ethyl methacrylate	10.40	69	79097	18.017	ug/l	93
57) 1,3-Dichloropropane	10.68	76	94658	19.101	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	90123	72.627	ug/l	95
59) 2-Hexanone	10.72	43	311107	99.813	ug/l	95
60) Dibromochloromethane	10.87	129	57907	17.398	ug/l	99
61) 1,2-Dibromoethane	10.98	107	54368	18.891	ug/l	100
64) Tetrachloroethene	10.60	164	41307	17.700	ug/l	93
65) Chlorobenzene	11.41	112	135085	17.866	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	53211	17.525	ug/l	97
67) Ethyl Benzene	11.49	91	232484	17.182	ug/l	97
68) m/p-Xylenes	11.60	106	174815	35.592	ug/l	94
69) o-Xylene	11.92	106	80901	17.576	ug/l	97
70) Styrene	11.94	104	145124	17.937	ug/l	96
71) Bromoform	12.10	173	42301	17.027	ug/l #	99
73) Isopropylbenzene	12.22	105	227705	18.473	ug/l	99
74) N-amyl acetate	12.05	43	101626	20.345	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	88456	20.385	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	109034	24.698	ug/l #	100
77) Bromobenzene	12.50	156	58684	19.161	ug/l	96
78) n-propylbenzene	12.57	91	269015	18.592	ug/l	100
79) 2-Chlorotoluene	12.65	91	168442	18.564	ug/l	97
80) 1,3,5-Trimethylbenzene	12.71	105	196430	18.369	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	26222	18.132	ug/l	98
82) 4-Chlorotoluene	12.75	91	170771	18.263	ug/l	98
83) tert-Butylbenzene	12.97	119	161781	17.879	ug/l	97
84) 1,2,4-Trimethylbenzene	13.02	105	186928	18.272	ug/l	97
85) sec-Butylbenzene	13.15	105	218247	18.367	ug/l	99
86) p-Isopropyltoluene	13.26	119	185348	17.573	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	100841	18.430	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	99132	18.064	ug/l	99
89) n-Butylbenzene	13.59	91	147945	16.585	ug/l	98
90) Hexachloroethane	13.85	117	40374	17.758	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	99344	19.367	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	16055	17.234	ug/l	96

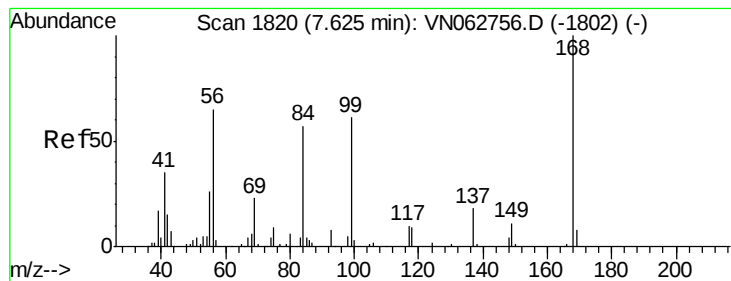
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Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:26:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	40443	17.027	ug/l	95
94) Hexachlorobutadiene	14.98	225	29035	16.961	ug/l	97
95) Naphthalene	15.11	128	98018	15.767	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	39851	16.613	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062944.D

Acq: 14 Aug 2020 19:43

Instrument :

MSVOA_N

ClientSampleId :

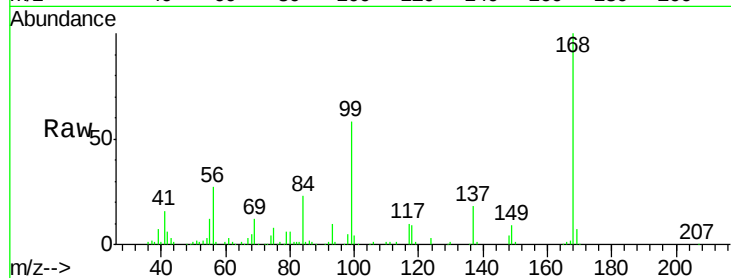
VN0814WBS02

Tgt Ion:168 Resp: 235061

Ion Ratio Lower Upper

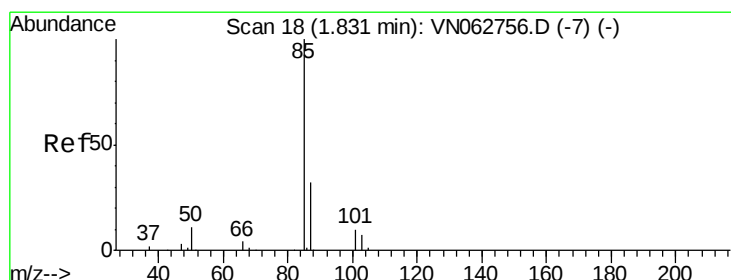
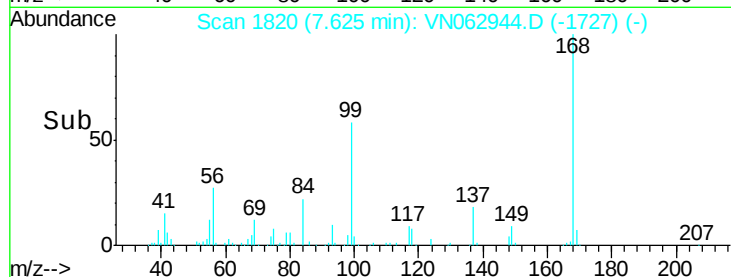
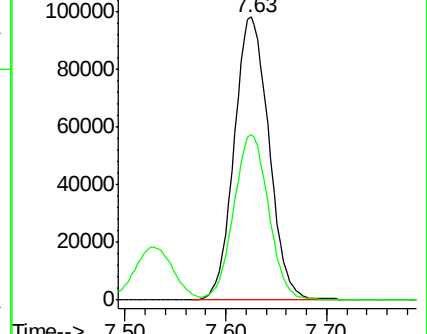
168 100

99 58.2 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 17.455 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062944.D

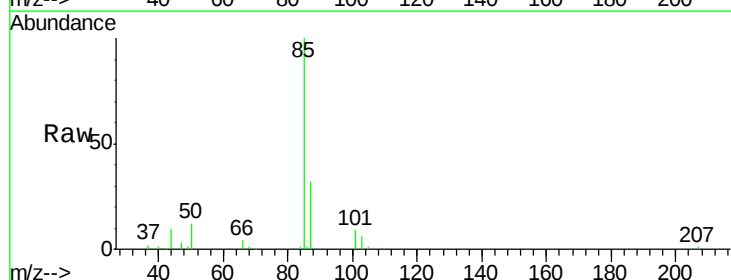
Acq: 14 Aug 2020 19:43

Tgt Ion: 85 Resp: 58752

Ion Ratio Lower Upper

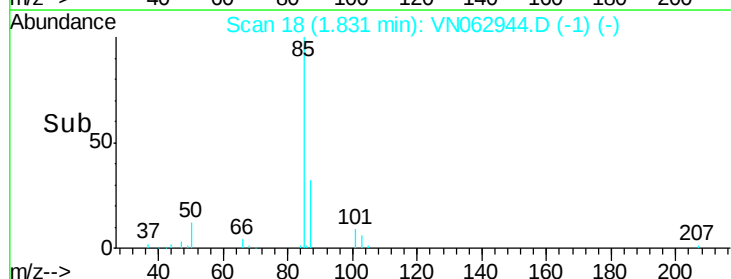
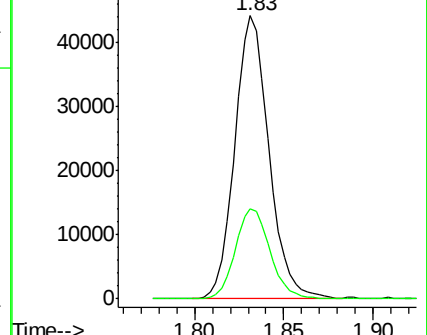
85 100

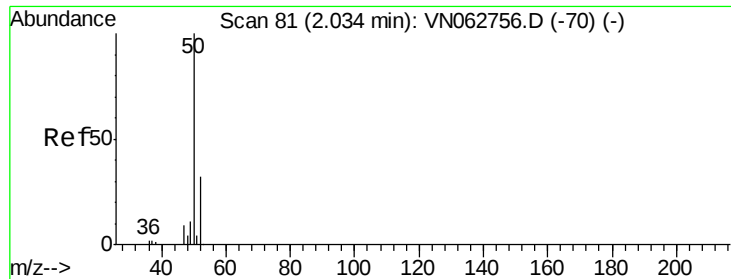
87 32.0 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

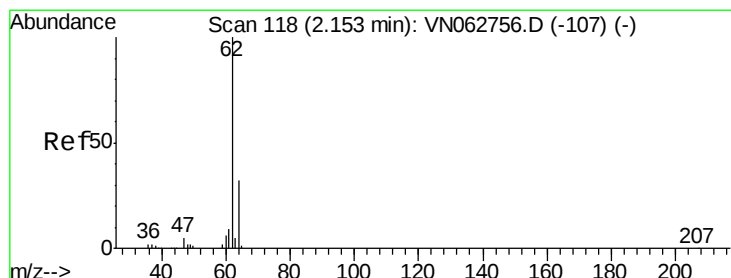
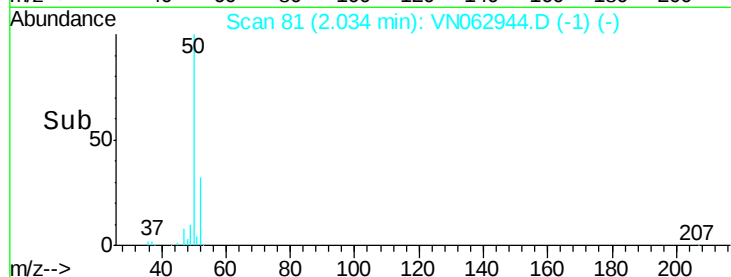
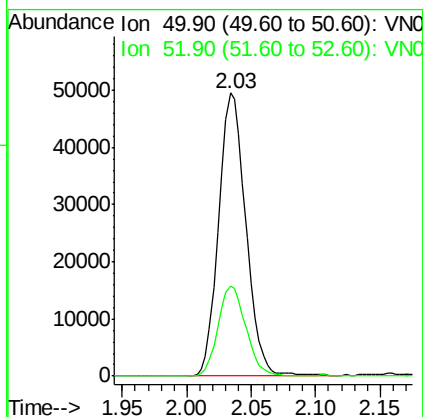
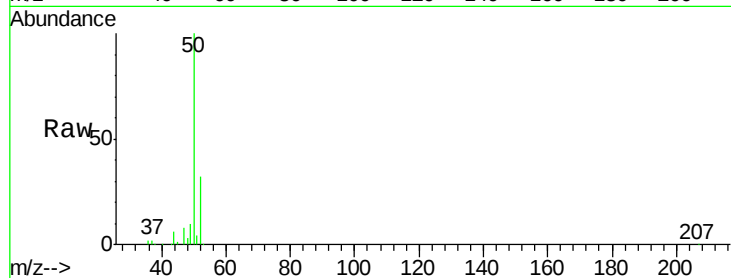




#3
Chloromethane
Concen: 22.878 ug/l
RT: 2.03 min Scan# 81
Delta R.T. -0.00 min
Lab File: VN062944.D
Acq: 14 Aug 2020 19:43

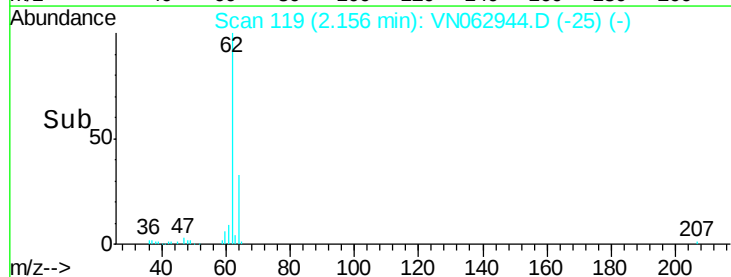
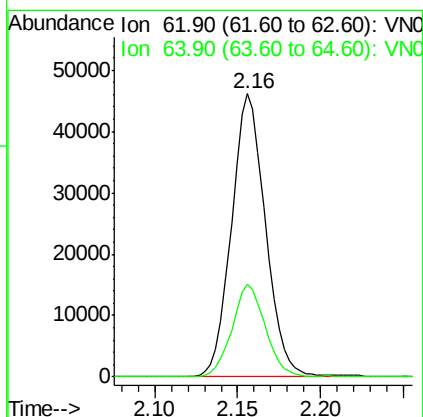
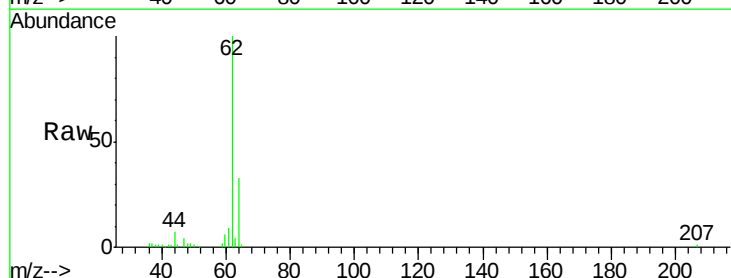
Instrument :
MSVOA_N
ClientSampled :
VN0814WBS02

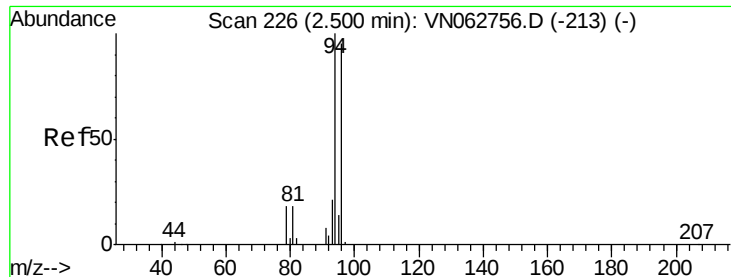
Tgt Ion: 50 Resp: 72670
Ion Ratio Lower Upper
50 100
52 31.9 25.6 38.4



#4
Vinyl Chloride
Concen: 22.063 ug/l
RT: 2.16 min Scan# 119
Delta R.T. 0.00 min
Lab File: VN062944.D
Acq: 14 Aug 2020 19:43

Tgt Ion: 62 Resp: 65730
Ion Ratio Lower Upper
62 100
64 32.7 25.8 38.8





#5

Bromomethane

Concen: 17.616 ug/l

RT: 2.51 min Scan# 229

Delta R.T. 0.01 min

Lab File: VN062944.D

Acq: 14 Aug 2020 19:43

Instrument :

MSVOA_N

ClientSampleId :

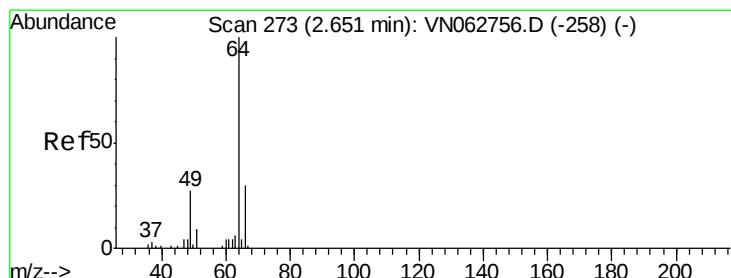
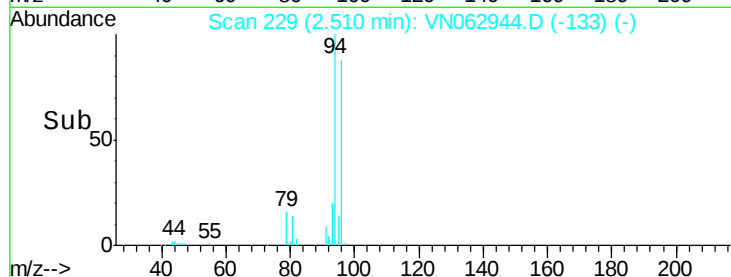
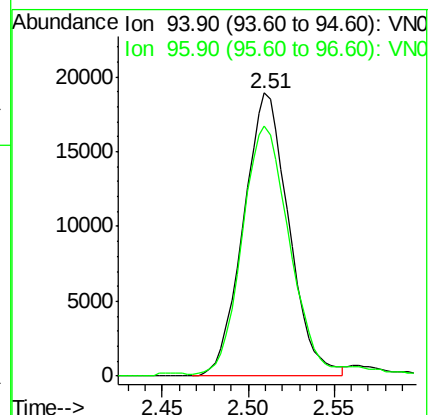
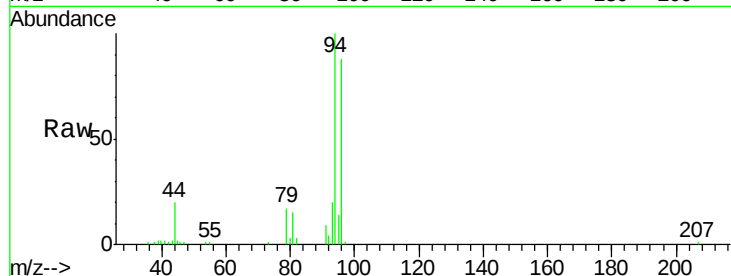
VN0814WBS02

Tgt Ion: 94 Resp: 34742

Ion Ratio Lower Upper

94 100

96 87.6 76.2 114.4



#6

Chloroethane

Concen: 19.856 ug/l

RT: 2.66 min Scan# 275

Delta R.T. 0.01 min

Lab File: VN062944.D

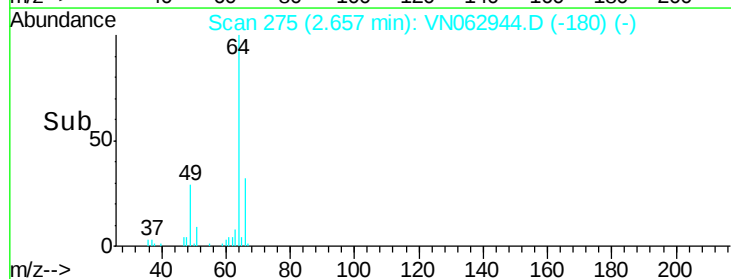
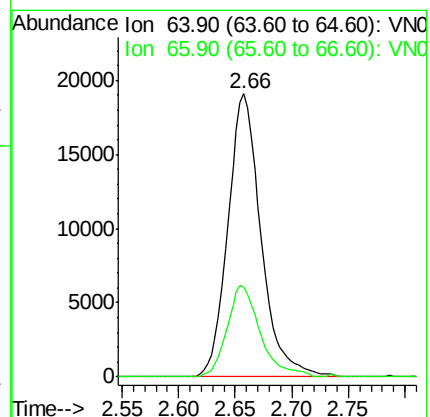
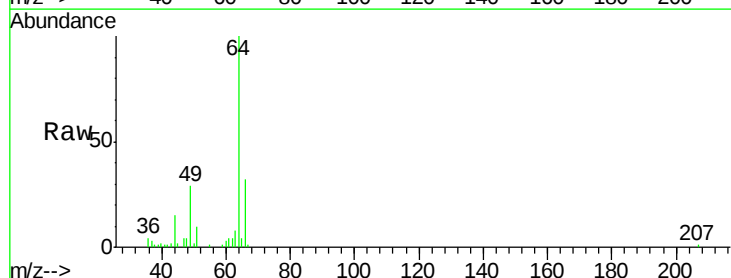
Acq: 14 Aug 2020 19:43

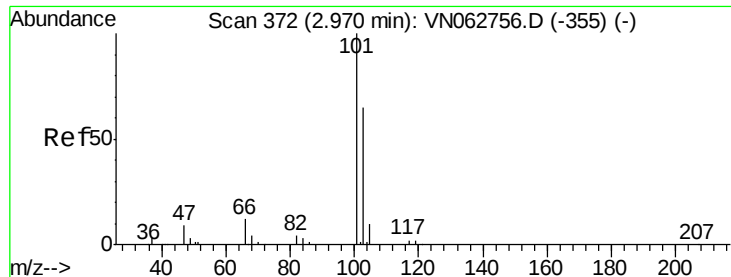
Tgt Ion: 64 Resp: 38916

Ion Ratio Lower Upper

64 100

66 31.7 24.0 36.0



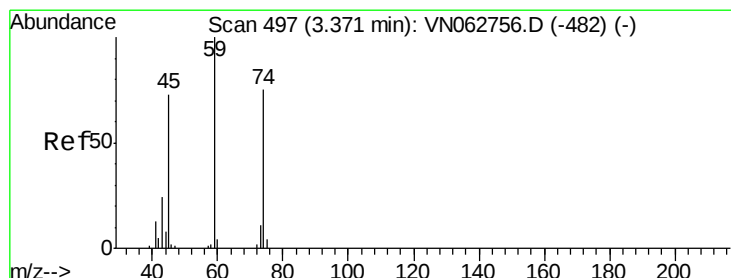
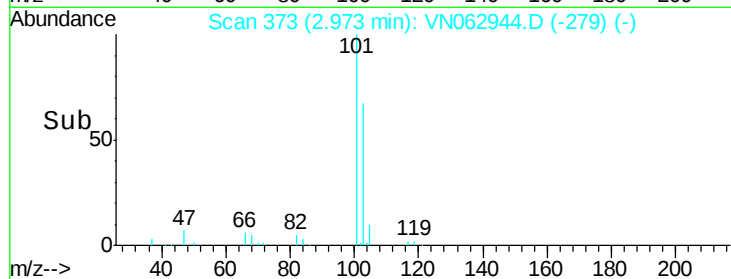
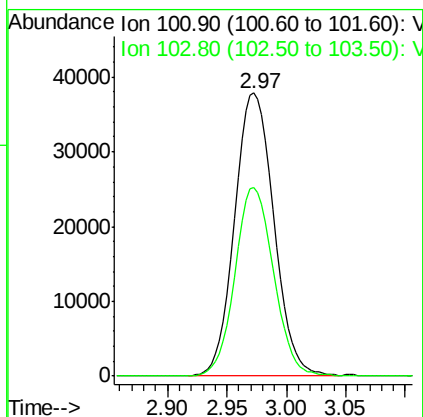
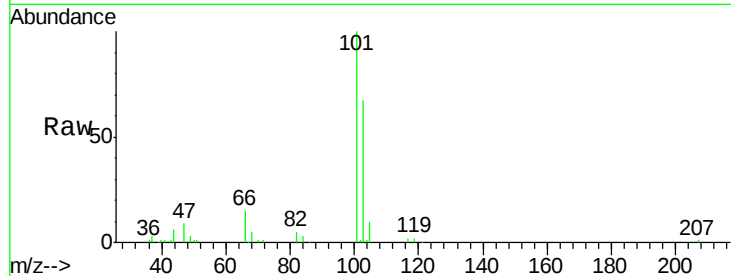


#7

Trichlorofluoromethane
Concen: 16.338 ug/l
RT: 2.97 min Scan# 373
Delta R.T. 0.00 min
Lab File: VN062944.D
Acq: 14 Aug 2020 19:43

Instrument :
MSVOA_N
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VN0814WBS02

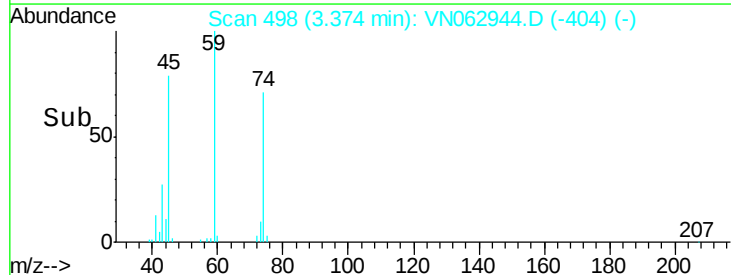
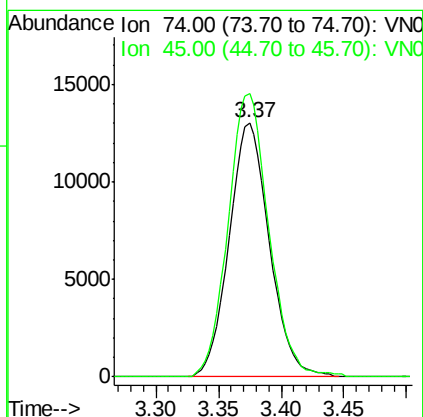
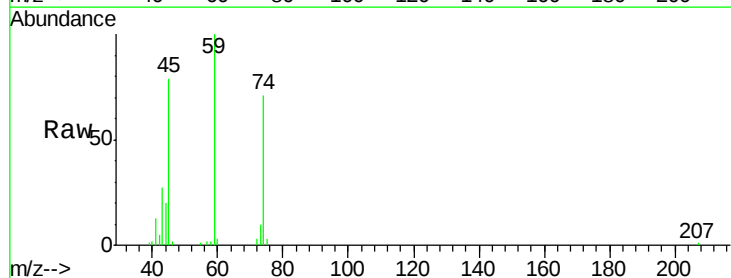
Tgt Ion:101 Resp: 86794
Ion Ratio Lower Upper
101 100
103 66.6 52.3 78.5

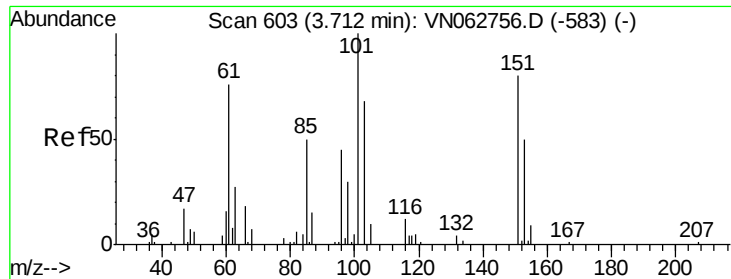


#8

Diethyl Ether
Concen: 19.133 ug/l
RT: 3.37 min Scan# 498
Delta R.T. 0.00 min
Lab File: VN062944.D
Acq: 14 Aug 2020 19:43

Tgt Ion: 74 Resp: 29097
Ion Ratio Lower Upper
74 100
45 112.9 48.7 146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.317 ug/l

RT: 3.71 min Scan# 602

Delta R.T. -0.00 min

Lab File: VN062944.D

Acq: 14 Aug 2020 19:43

Instrument :

MSVOA_N

ClientSampleId :

VN0814WBS02

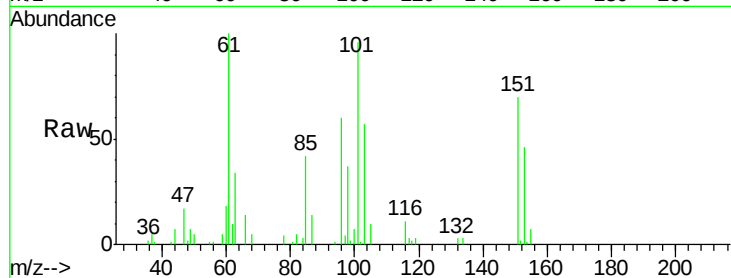
Tgt Ion:101 Resp: 42543

Ion Ratio Lower Upper

101 100

85 45.9 38.5 57.7

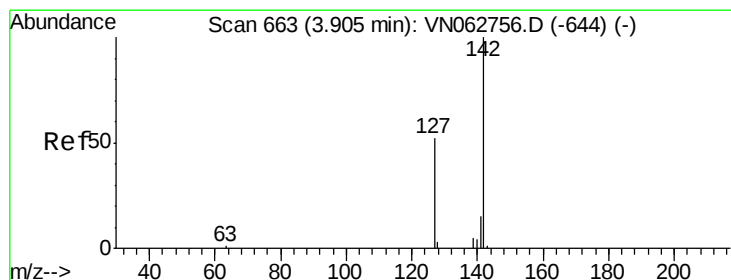
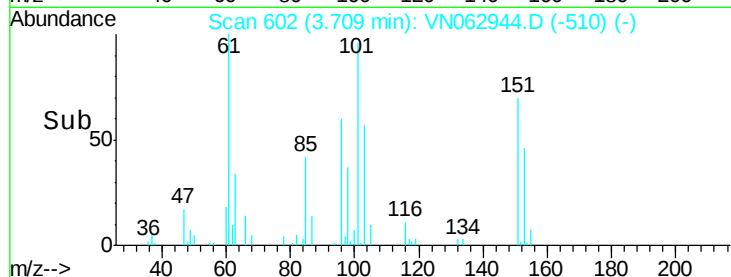
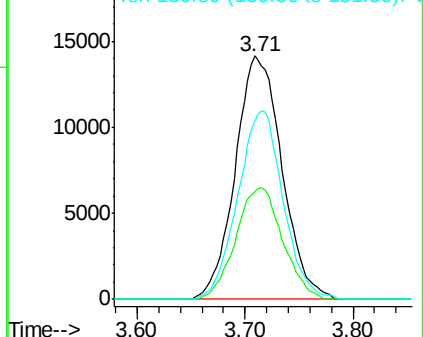
151 75.0 63.0 94.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.393 ug/l

RT: 3.91 min Scan# 663

Delta R.T. -0.00 min

Lab File: VN062944.D

Acq: 14 Aug 2020 19:43

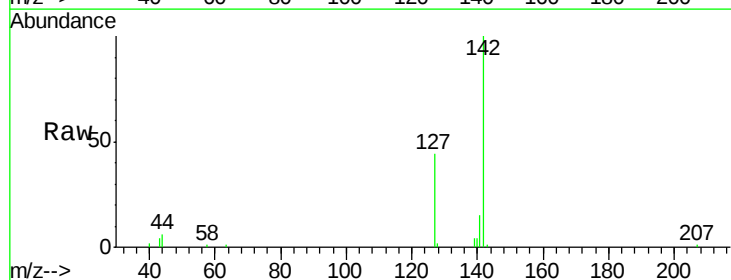
Tgt Ion:142 Resp: 44783

Ion Ratio Lower Upper

142 100

127 44.5 41.4 62.0

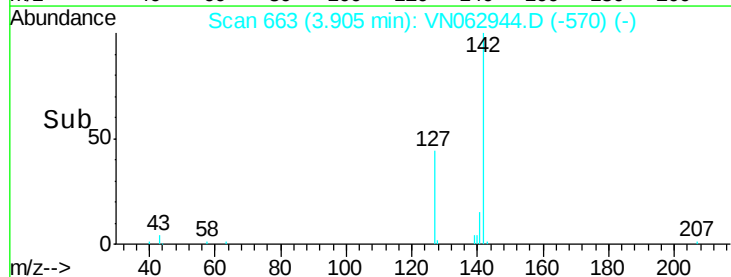
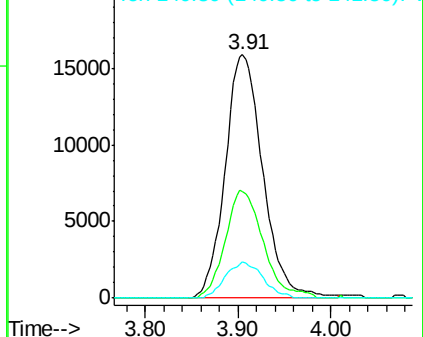
141 14.8 12.2 18.4

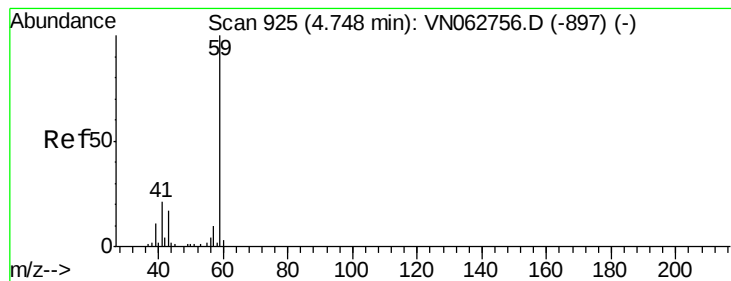


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



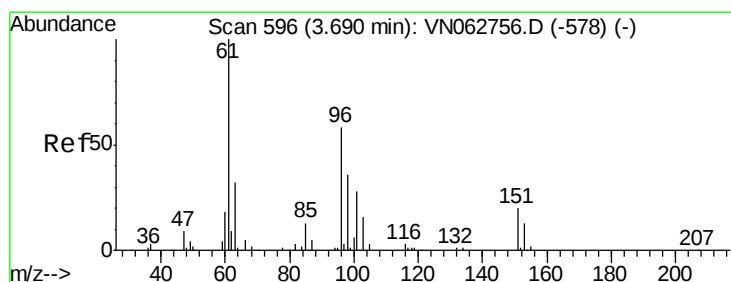
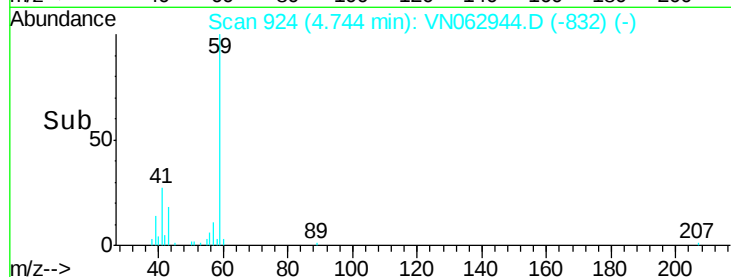
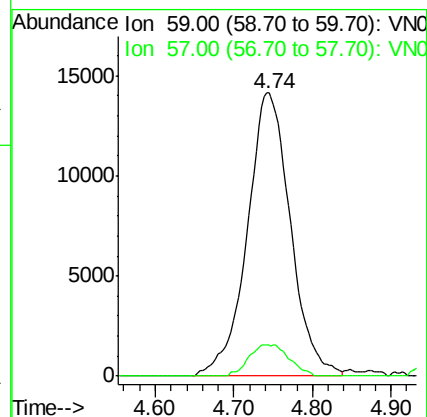
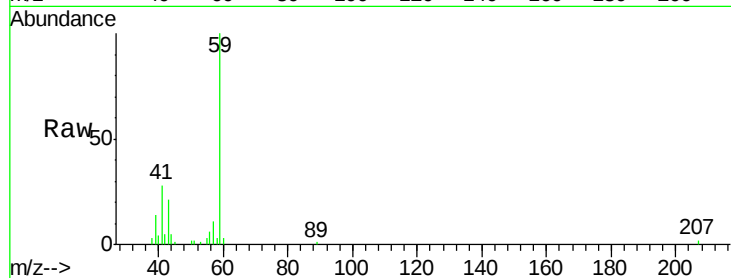


#11

Tert butyl alcohol
 Concen: 86.042 ug/l
 RT: 4.74 min Scan# 924
 Delta R.T. -0.00 min
 Lab File: VN062944.D
 Acq: 14 Aug 2020 19:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0814WBS02

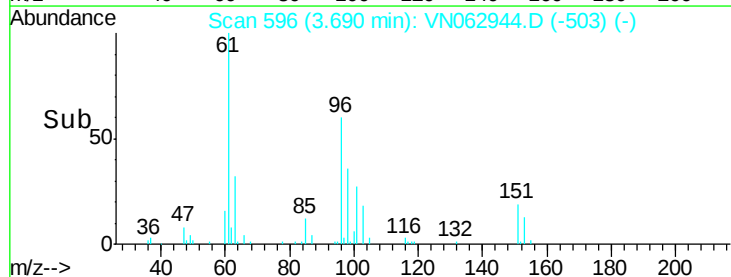
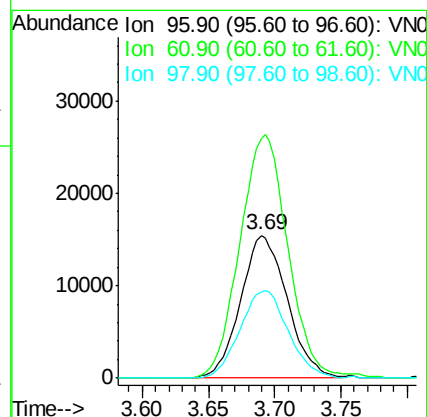
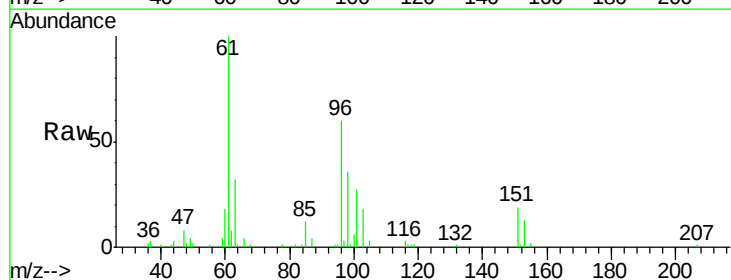
Tgt Ion: 59 Resp: 54817
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.3 12.5

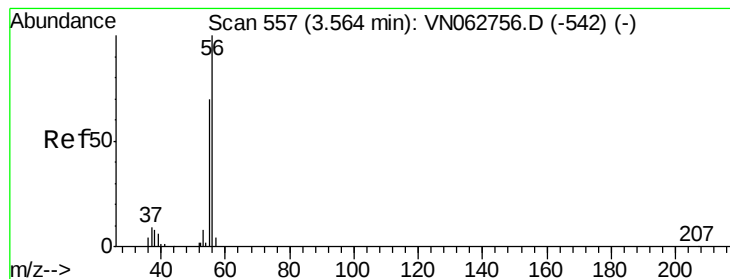


#12

1,1-Dichloroethene
 Concen: 18.153 ug/l
 RT: 3.69 min Scan# 596
 Delta R.T. 0.00 min
 Lab File: VN062944.D
 Acq: 14 Aug 2020 19:43

Tgt Ion: 96 Resp: 37830
 Ion Ratio Lower Upper
 96 100
 61 167.9 139.0 208.6
 98 60.2 50.2 75.4





#13

Acrolein

Concen: 87.333 ug/l

RT: 3.57 min Scan# 559

Delta R.T. 0.01 min

Lab File: VN062944.D

Acq: 14 Aug 2020 19:43

Instrument :

MSVOA_N

ClientSampleId :

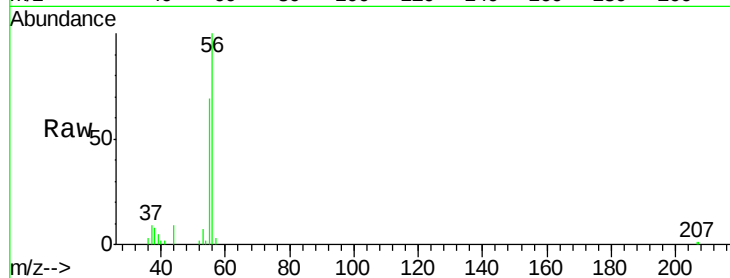
VN0814WBS02

Tgt Ion: 56 Resp: 33688

Ion Ratio Lower Upper

56 100

55 67.5 57.0 85.6



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

15000

10000

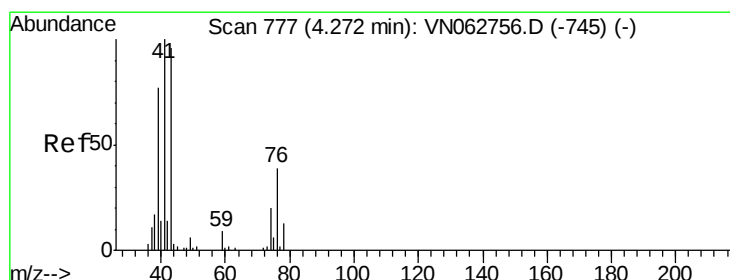
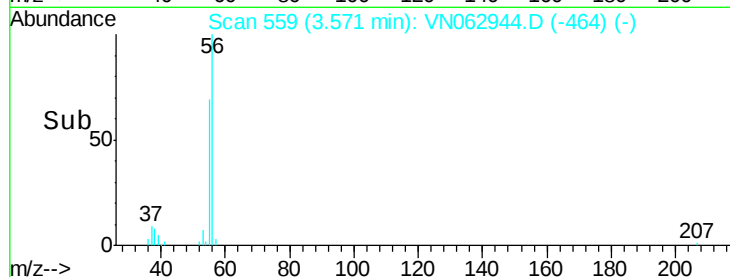
5000

0

3.57

3.50 3.55 3.60 3.65

Time-->



#14

Allyl chloride

Concen: 19.434 ug/l

RT: 4.27 min Scan# 778

Delta R.T. 0.00 min

Lab File: VN062944.D

Acq: 14 Aug 2020 19:43

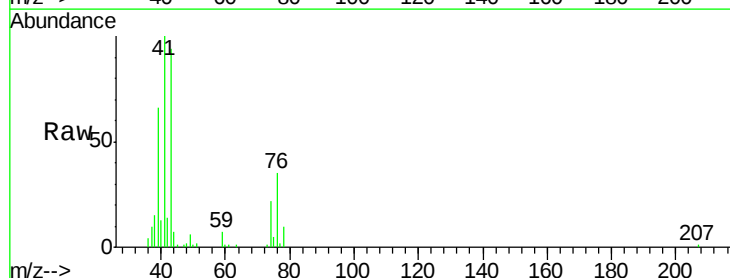
Tgt Ion: 41 Resp: 79981

Ion Ratio Lower Upper

41 100

39 61.7 55.7 83.5

76 30.8 27.5 41.3



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

30000

20000

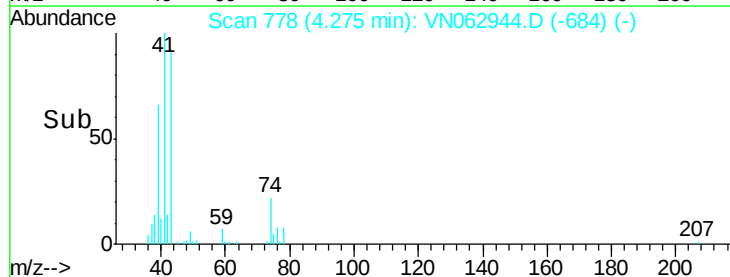
10000

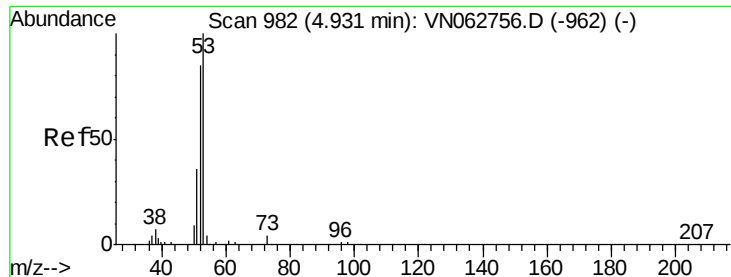
0

4.27

4.10 4.20 4.30

Time-->





#15

Acrylonitrile

Concen: 102.728 ug/l

RT: 4.93 min Scan# 982

Delta R.T. -0.00 min

Lab File: VN062944.D

Acq: 14 Aug 2020 19:43

Instrument :

MSVOA_N

ClientSampleId :

VN0814WBS02

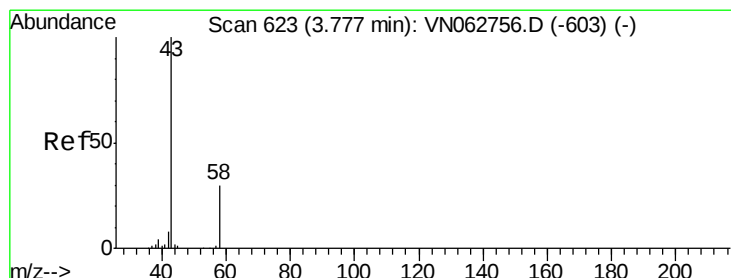
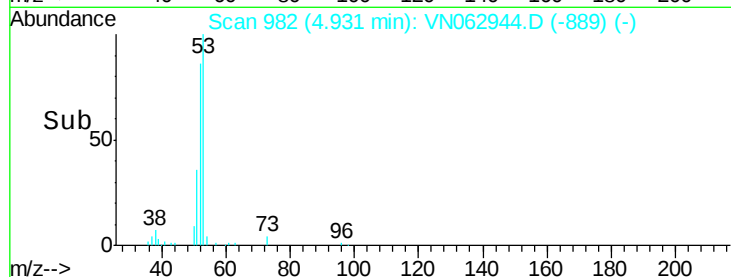
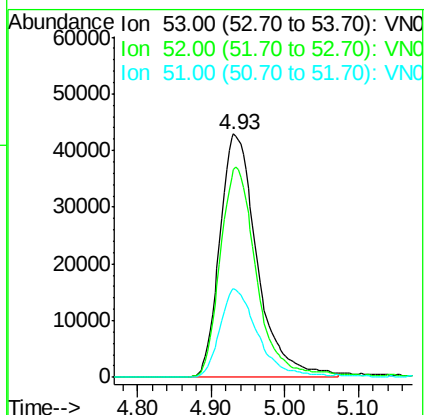
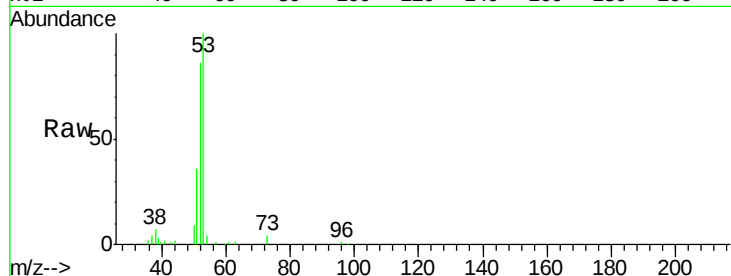
Tgt Ion: 53 Resp: 151800

Ion Ratio Lower Upper

53 100

52 82.8 66.8 100.2

51 36.6 29.5 44.3



#16

Acetone

Concen: 90.219 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN062944.D

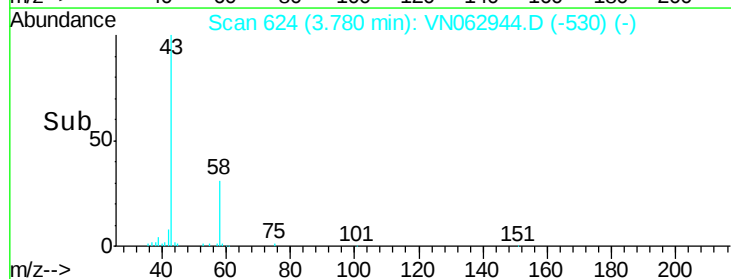
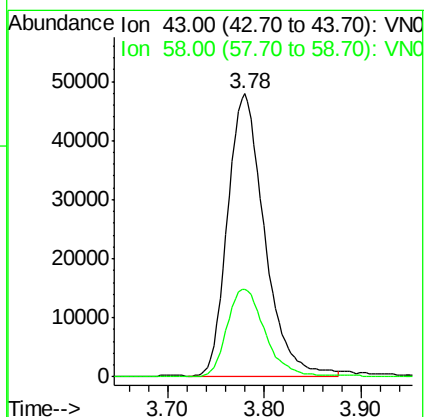
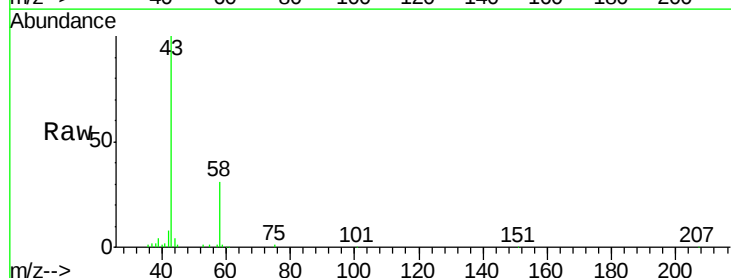
Acq: 14 Aug 2020 19:43

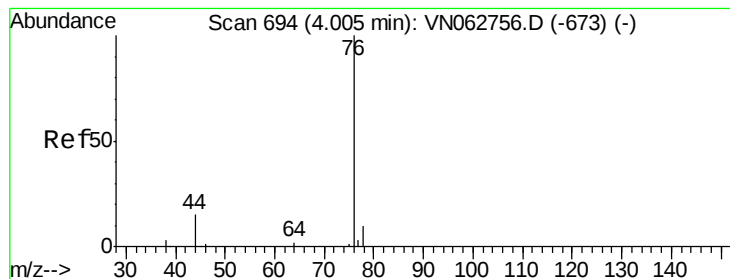
Tgt Ion: 43 Resp: 126720

Ion Ratio Lower Upper

43 100

58 31.1 24.1 36.1





#17

Carbon Disulfide

Concen: 17.790 ug/l

RT: 4.00 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN062944.D

Acq: 14 Aug 2020 19:43

Instrument :

MSVOA_N

ClientSampleId :

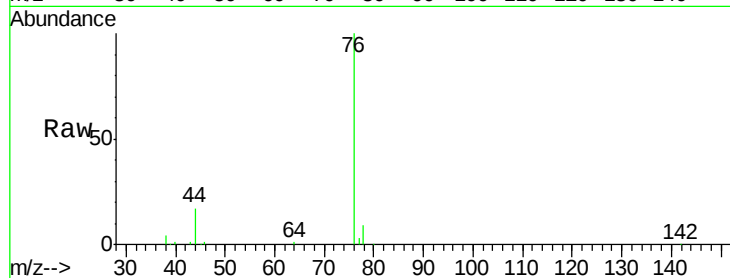
VN0814WBS02

Tgt Ion: 76 Resp: 104507

Ion Ratio Lower Upper

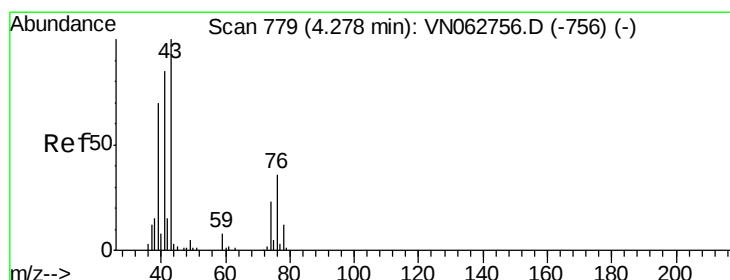
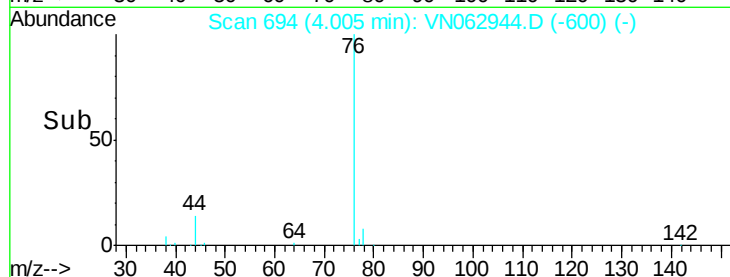
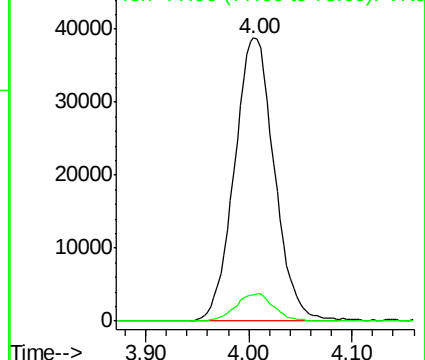
76 100

78 9.4 7.7 11.5



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 21.736 ug/l

RT: 4.28 min Scan# 780

Delta R.T. 0.00 min

Lab File: VN062944.D

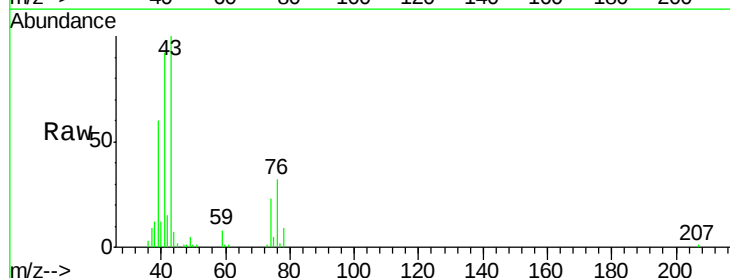
Acq: 14 Aug 2020 19:43

Tgt Ion: 43 Resp: 74330

Ion Ratio Lower Upper

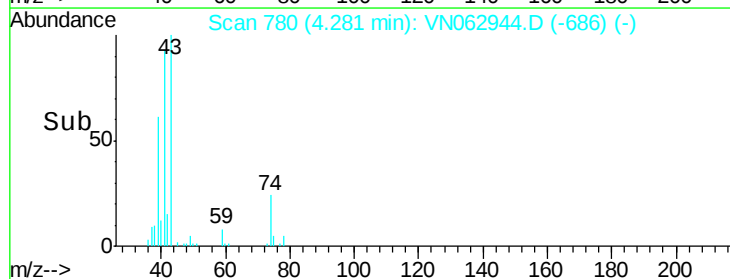
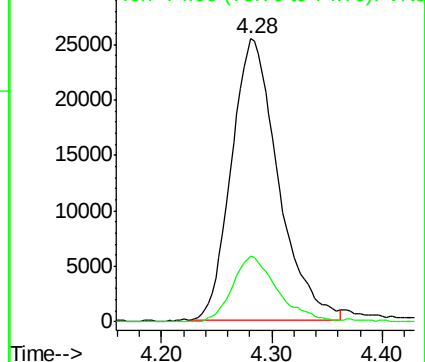
43 100

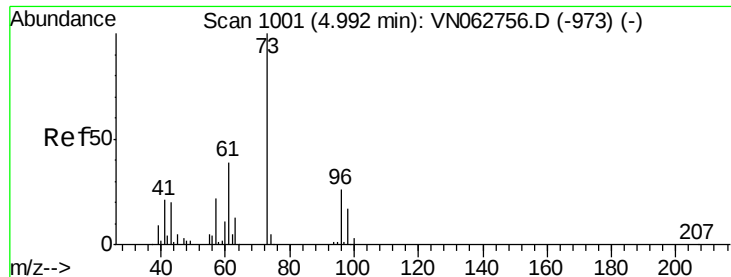
74 22.5 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

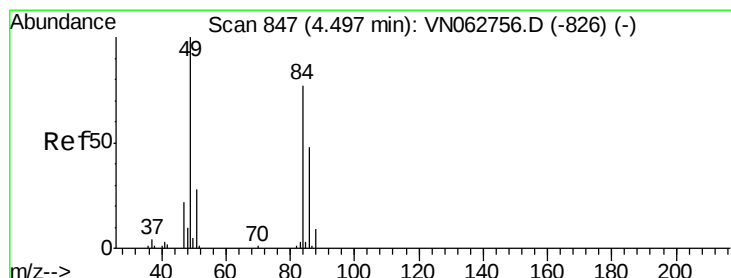
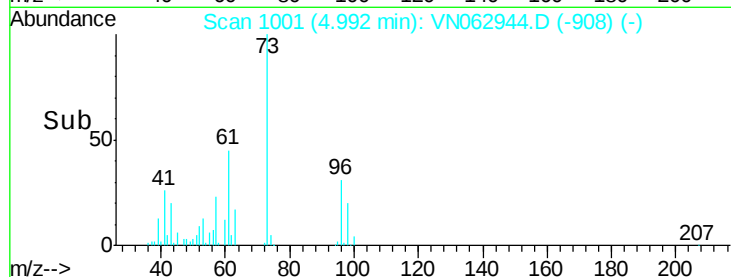
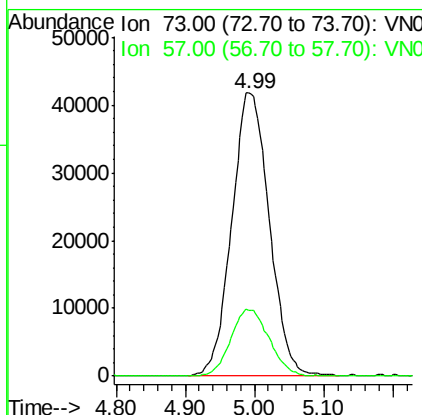
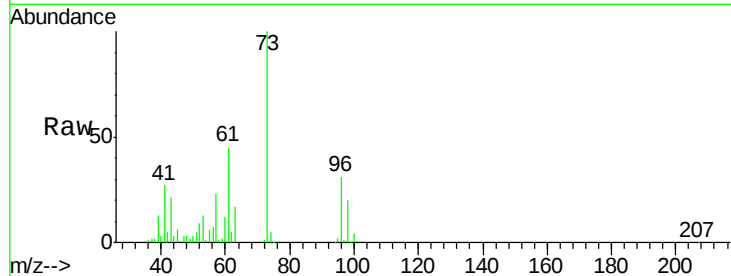




#19
Methyl tert-butyl Ether
Concen: 17.339 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VN062944.D
Acq: 14 Aug 2020 19:43

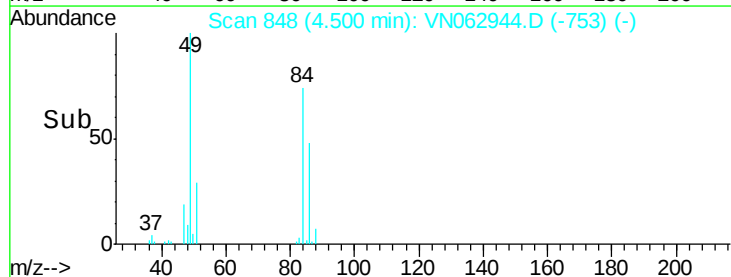
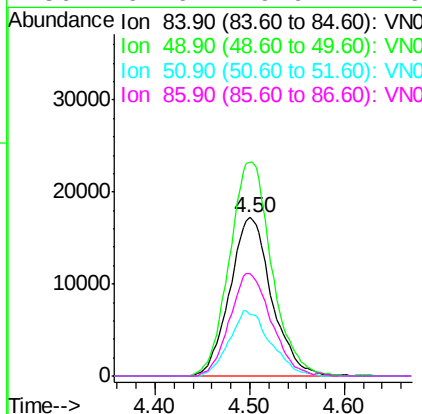
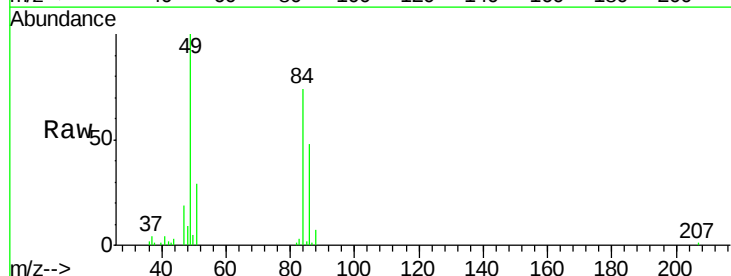
Instrument :
MSVOA_N
ClientSampleId :
VN0814WBS02

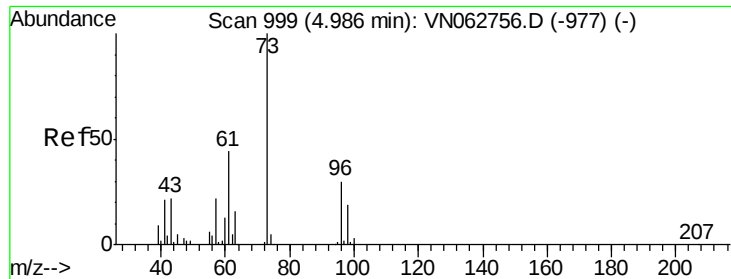
Tgt Ion: 73 Resp: 157912
Ion Ratio Lower Upper
73 100
57 23.4 17.5 26.3



#20
Methylene Chloride
Concen: 20.144 ug/l
RT: 4.50 min Scan# 848
Delta R.T. 0.00 min
Lab File: VN062944.D
Acq: 14 Aug 2020 19:43

Tgt Ion: 84 Resp: 52946
Ion Ratio Lower Upper
84 100
49 135.1 103.4 155.2
51 39.3 29.3 43.9
86 64.6 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 18.130 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.01 min

Lab File: VN062944.D

Acq: 14 Aug 2020 19:43

Instrument :

MSVOA_N

ClientSampleId :

VN0814WBS02

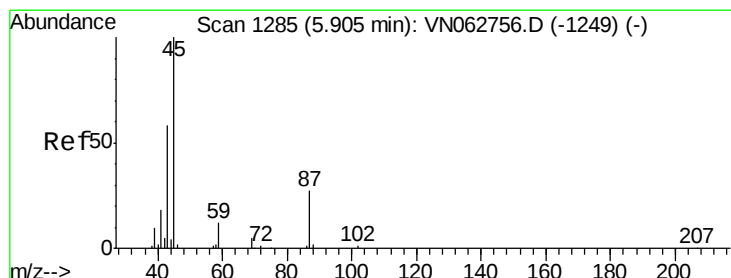
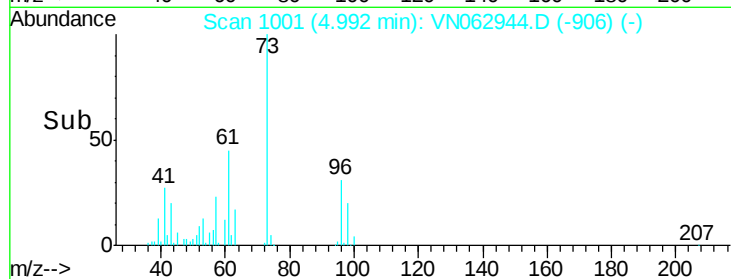
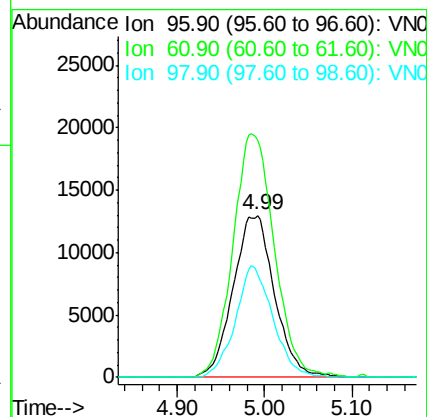
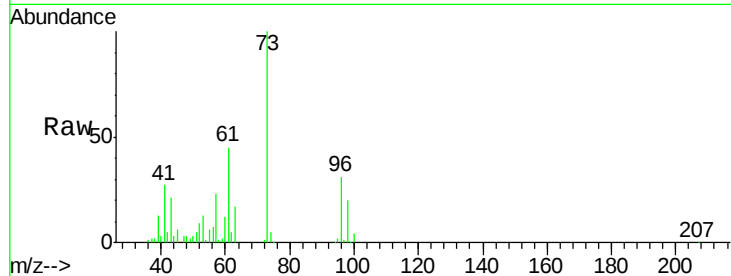
Tgt Ion: 96 Resp: 42647

Ion Ratio Lower Upper

96 100

61 146.0 118.8 178.2

98 63.2 51.0 76.4



#22

Diisopropyl ether

Concen: 22.042 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VN062944.D

Acq: 14 Aug 2020 19:43

Tgt Ion: 45 Resp: 193106

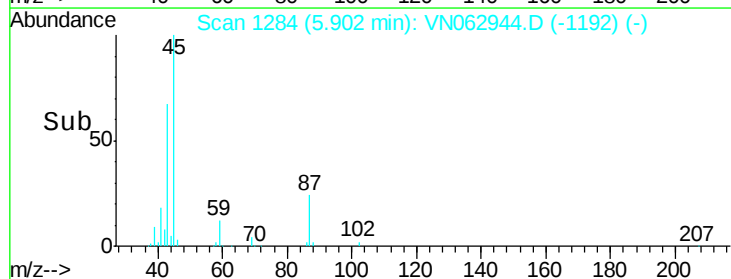
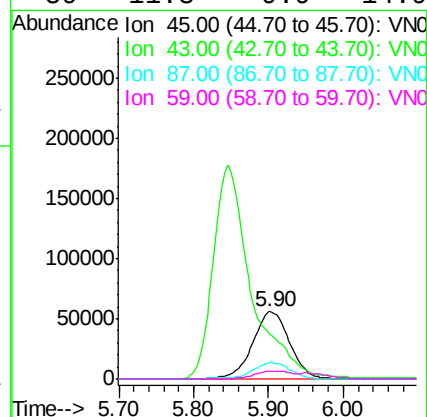
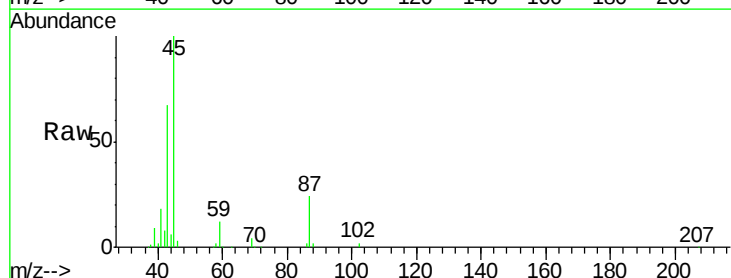
Ion Ratio Lower Upper

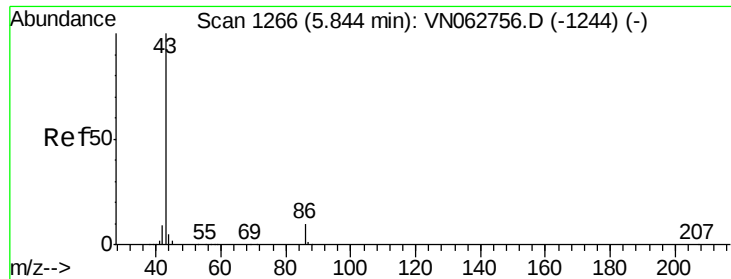
45 100

43 63.3 47.4 71.2

87 24.1 22.8 34.2

59 11.3 9.9 14.9





#23

Vinyl Acetate

Concen: 94.587 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. 0.00 min

Lab File: VN062944.D

Acq: 14 Aug 2020 19:43

Instrument :

MSVOA_N

ClientSampleId :

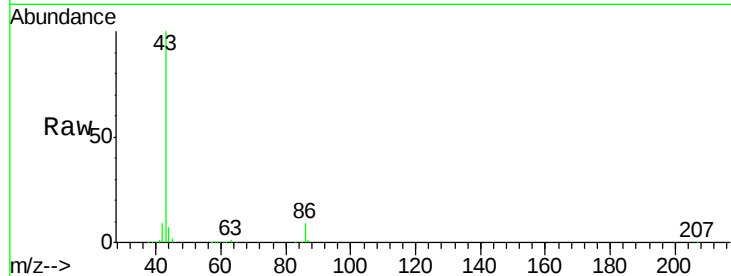
VN0814WBS02

Tgt Ion: 43 Resp: 630298

Ion Ratio Lower Upper

43 100

86 9.2 7.7 11.5



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.85

200000

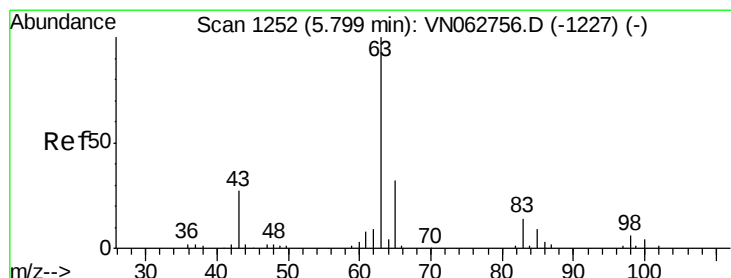
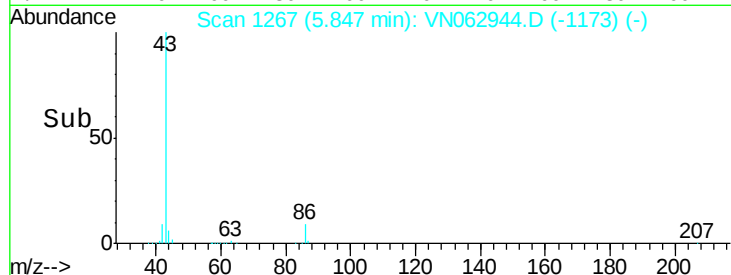
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.242 ug/l

RT: 5.80 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VN062944.D

Acq: 14 Aug 2020 19:43

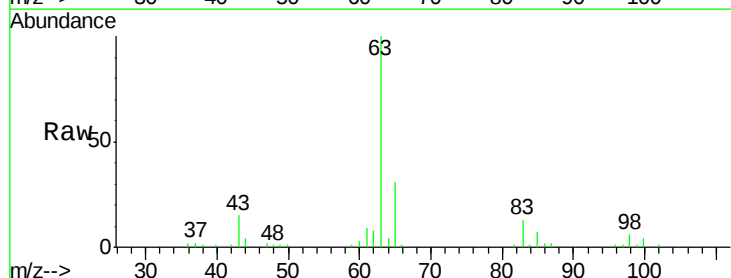
Tgt Ion: 63 Resp: 98791

Ion Ratio Lower Upper

63 100

98 6.3 3.0 9.2

100 3.8 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

5.80

40000

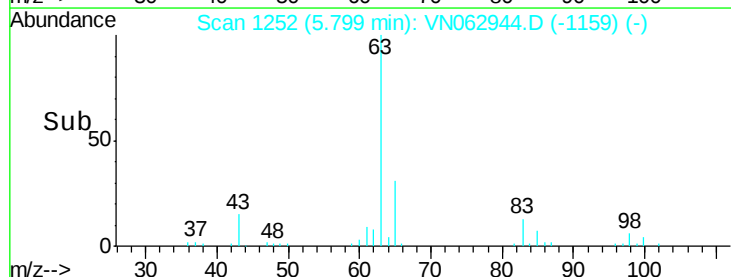
30000

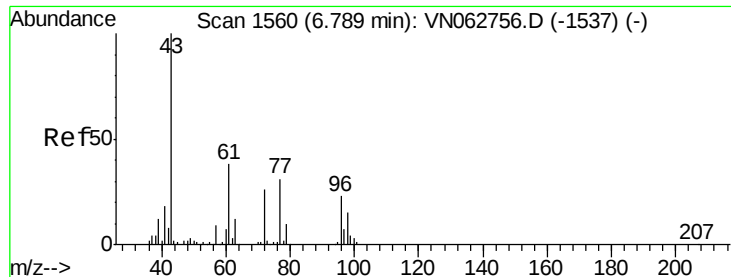
20000

10000

0

Time-->





#25

2-Butanone

Concen: 101.323 ug/l

RT: 6.79 min Scan# 1560

Delta R.T. -0.00 min

Lab File: VN062944.D

Acq: 14 Aug 2020 19:43

Instrument :

MSVOA_N

ClientSampleId :

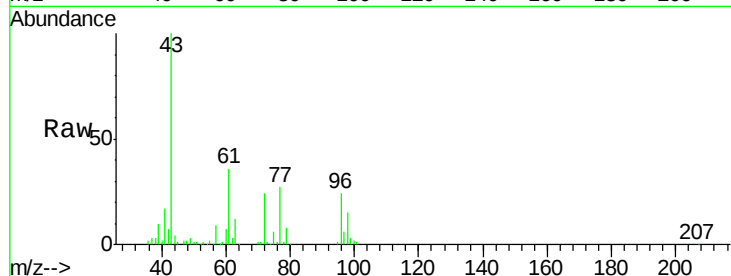
VN0814WBS02

Tgt Ion: 43 Resp: 201564

Ion Ratio Lower Upper

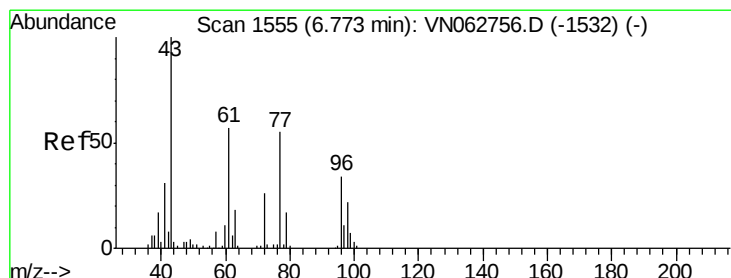
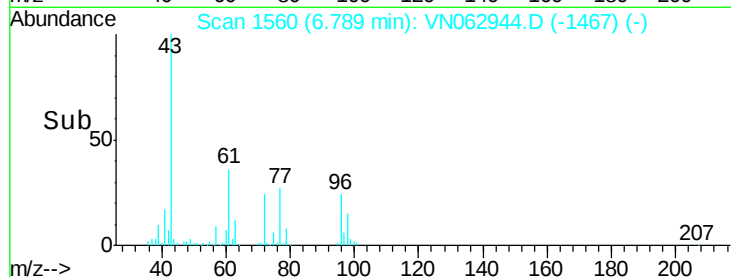
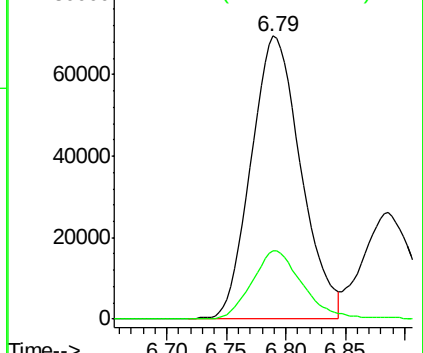
43 100

72 24.3 21.1 31.7



Abundance Ion 43.00 (42.70 to 43.70): VN062756.D (-1537) (-)

Ion 72.00 (71.70 to 72.70): VN062756.D (-1537) (-)



#26

2,2-Dichloropropane

Concen: 15.939 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. 0.00 min

Lab File: VN062944.D

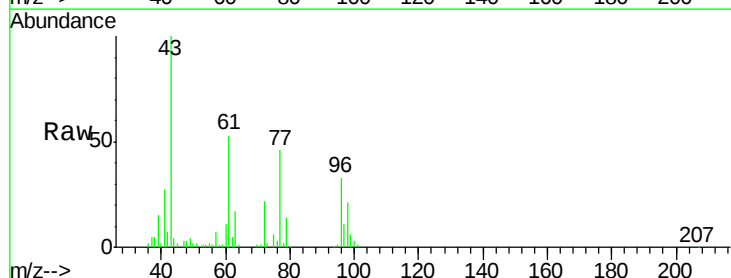
Acq: 14 Aug 2020 19:43

Tgt Ion: 77 Resp: 75432

Ion Ratio Lower Upper

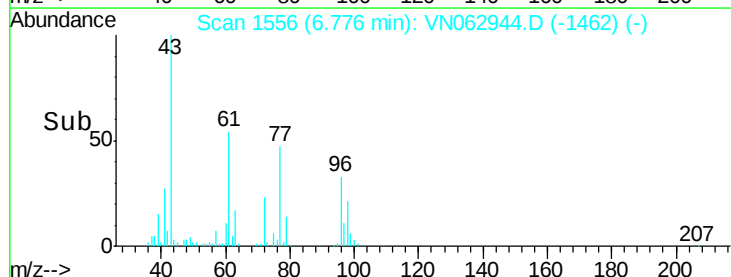
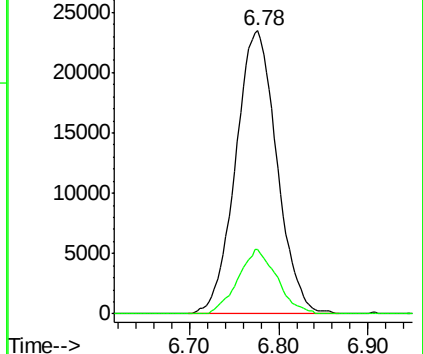
77 100

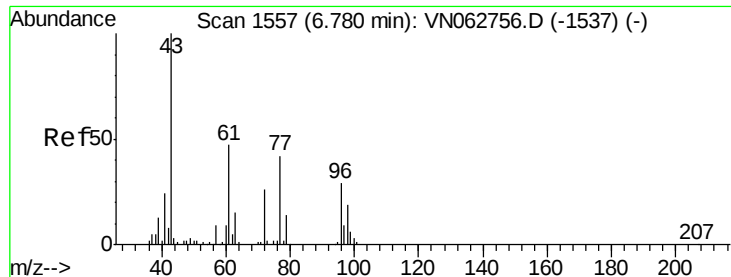
97 21.5 10.5 31.6



Abundance Ion 76.90 (76.60 to 77.60): VN062756.D (-1532) (-)

Ion 96.90 (96.60 to 97.60): VN062756.D (-1532) (-)





#27

cis-1,2-Dichloroethene

Concen: 18.576 ug/l

RT: 6.79 min Scan# 1559

Delta R.T. 0.01 min

Lab File: VN062944.D

Acq: 14 Aug 2020 19:43

Instrument :

MSVOA_N

ClientSampleId :

VN0814WBS02

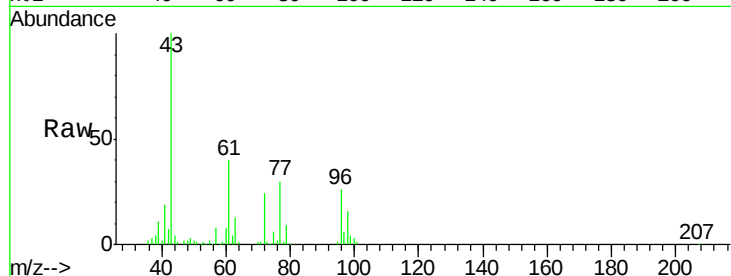
Tgt Ion: 96 Resp: 52417

Ion Ratio Lower Upper

96 100

61 159.4 0.0 332.2

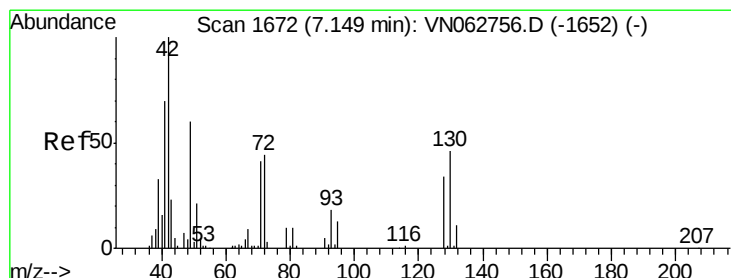
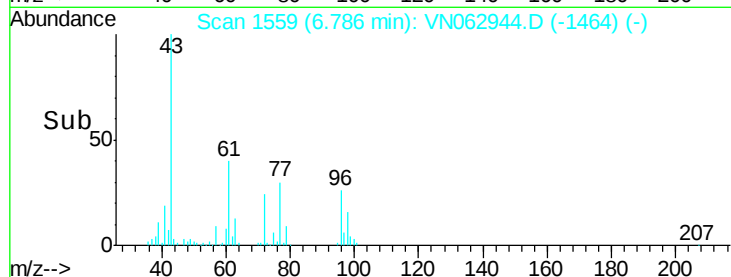
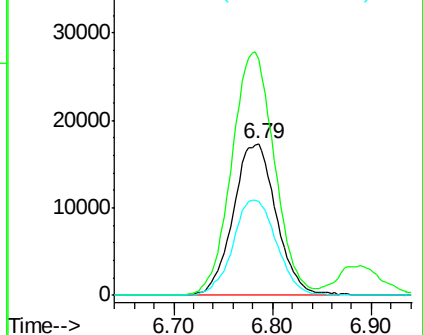
98 63.8 0.0 129.4



Abundance Ion 95.90 (95.60 to 96.60): VN062756.D (-1537) (-)

Ion 60.90 (60.60 to 61.60): VN062756.D (-1537) (-)

Ion 97.90 (97.60 to 98.60): VN062756.D (-1537) (-)



#28

Bromochloromethane

Concen: 21.841 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VN062944.D

Acq: 14 Aug 2020 19:43

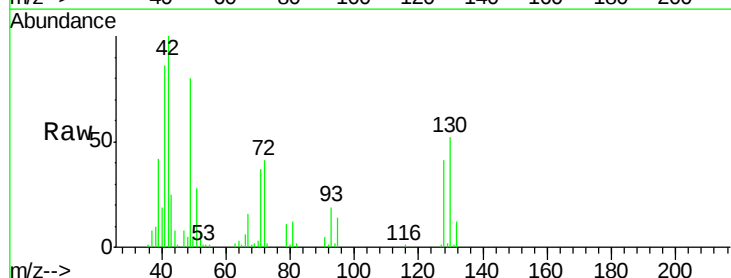
Tgt Ion: 49 Resp: 54118

Ion Ratio Lower Upper

49 100

129 1.5 0.0 3.2

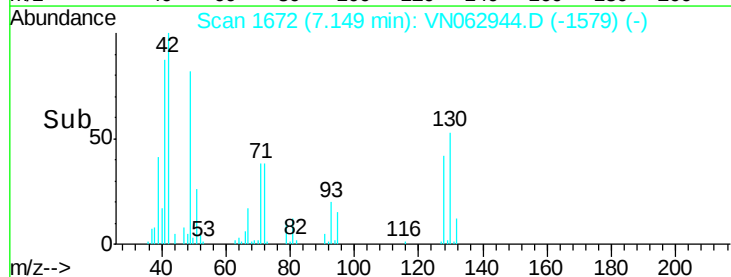
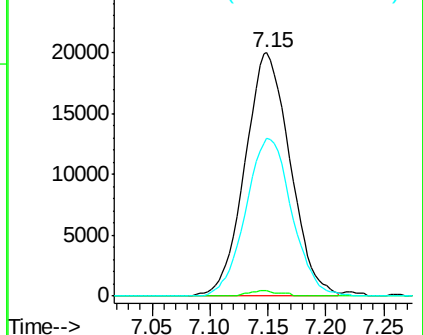
130 66.2 59.0 88.6

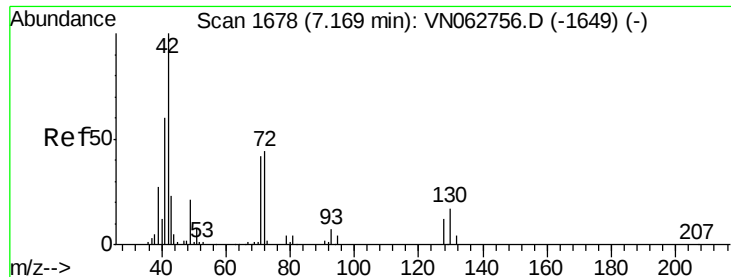


Abundance Ion 48.90 (48.60 to 49.60): VN062756.D (-1652) (-)

Ion 128.80 (128.50 to 129.50): VN062756.D (-1652) (-)

Ion 129.80 (129.50 to 130.50): VN062756.D (-1652) (-)

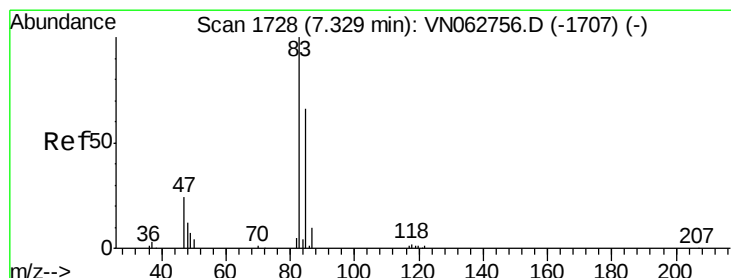
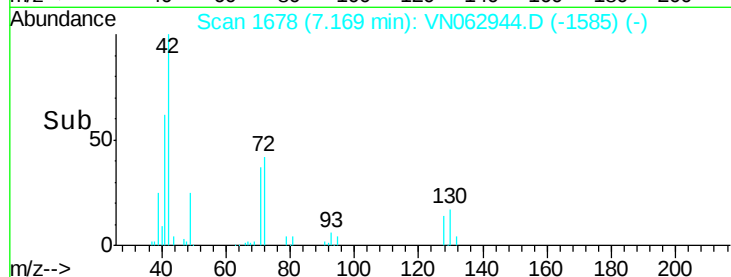
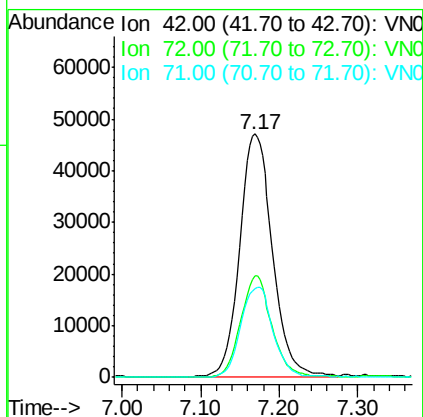
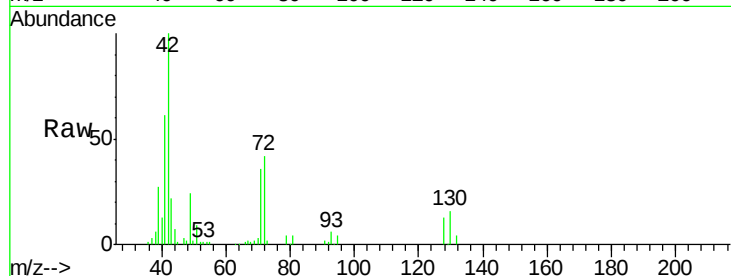




#29
Tetrahydrofuran
Concen: 107.535 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. -0.00 min
Lab File: VN062944.D
Acq: 14 Aug 2020 19:43

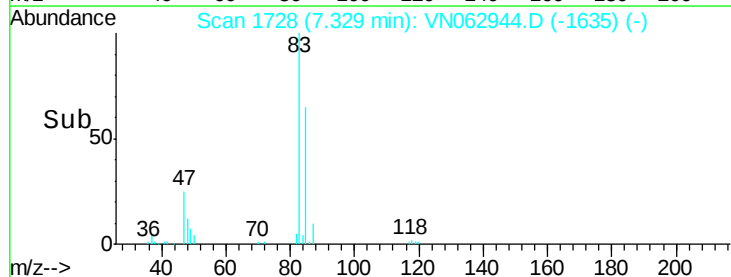
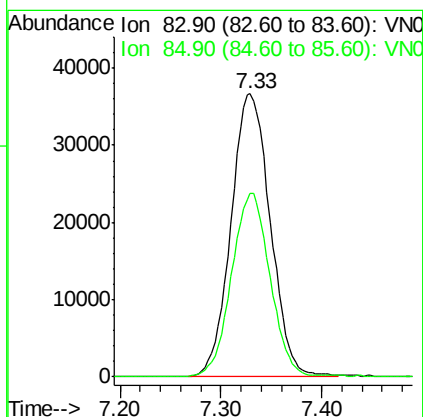
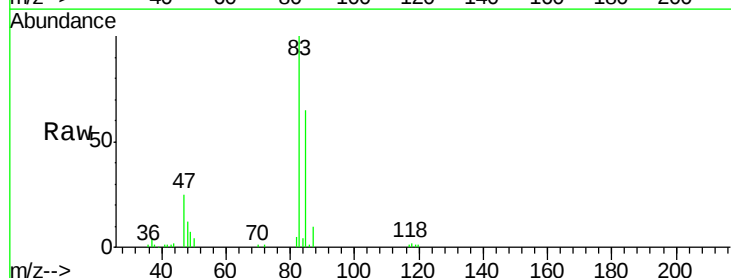
Instrument :
MSVOA_N
ClientSampleId :
VN0814WBS02

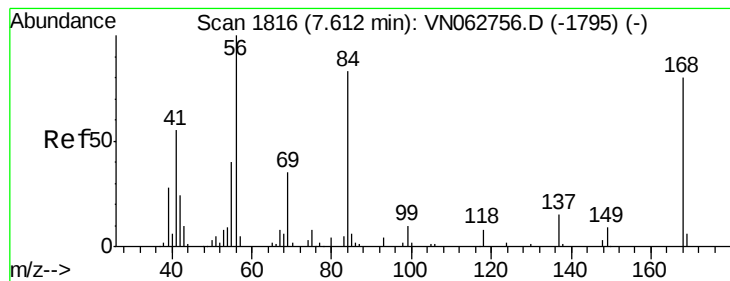
Tgt Ion: 42 Resp: 138978
Ion Ratio Lower Upper
42 100
72 39.4 35.0 52.4
71 36.3 33.2 49.8



#30
Chloroform
Concen: 18.159 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN062944.D
Acq: 14 Aug 2020 19:43

Tgt Ion: 83 Resp: 99077
Ion Ratio Lower Upper
83 100
85 64.7 52.7 79.1





#31

Cyclohexane

Concen: 18.863 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN062944.D

Acq: 14 Aug 2020 19:43

Instrument :

MSVOA_N

ClientSampleId :

VN0814WBS02

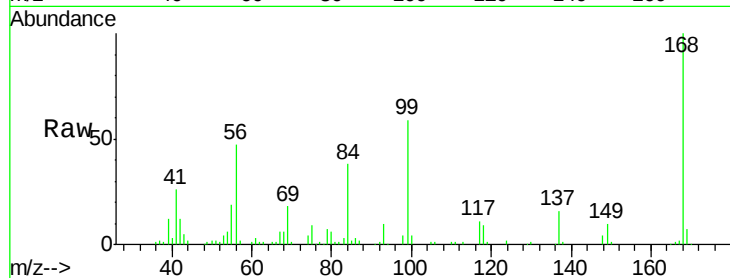
Tgt Ion: 56 Resp: 88900

Ion Ratio Lower Upper

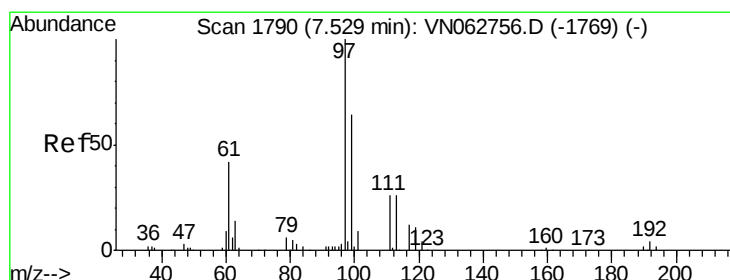
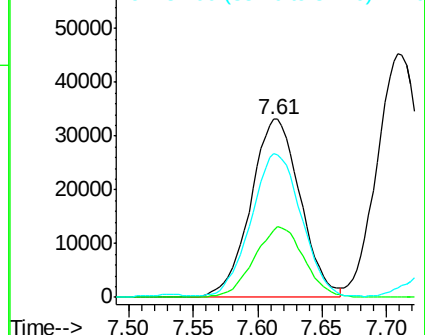
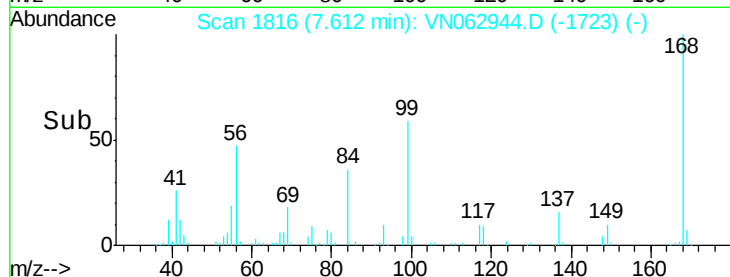
56 100

69 37.7 28.1 42.1

84 79.2 66.8 100.2



Abundance Ion 56.00 (55.70 to 56.70): VN062944.D (-1723) (-)



#32

1,1,1-Trichloroethane

Concen: 16.567 ug/l

RT: 7.53 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VN062944.D

Acq: 14 Aug 2020 19:43

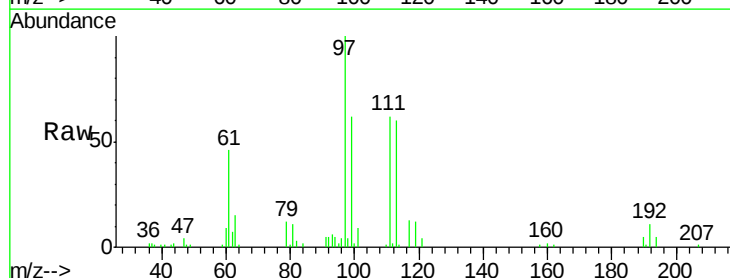
Tgt Ion: 97 Resp: 80817

Ion Ratio Lower Upper

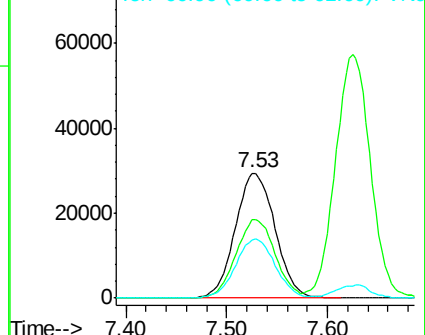
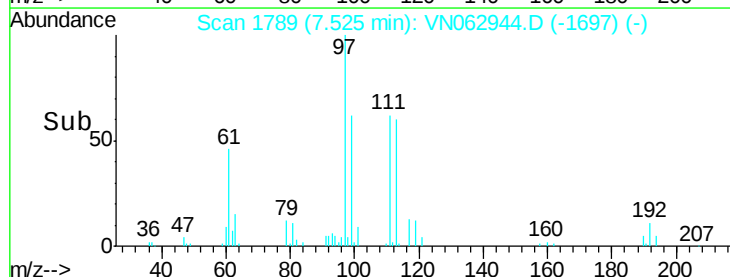
97 100

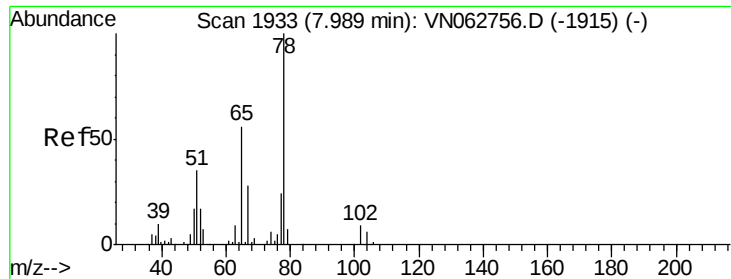
99 61.9 50.0 75.0

61 46.9 34.8 52.2



Abundance Ion 96.90 (96.60 to 97.60): VN062944.D (-1697) (-)

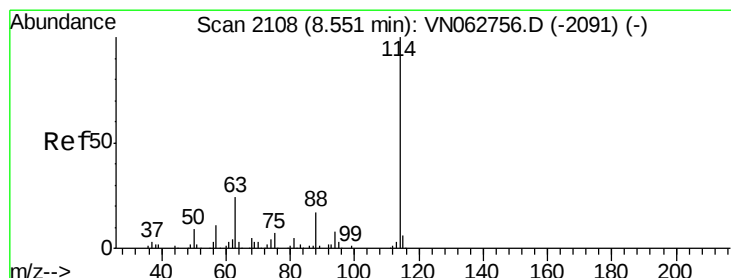
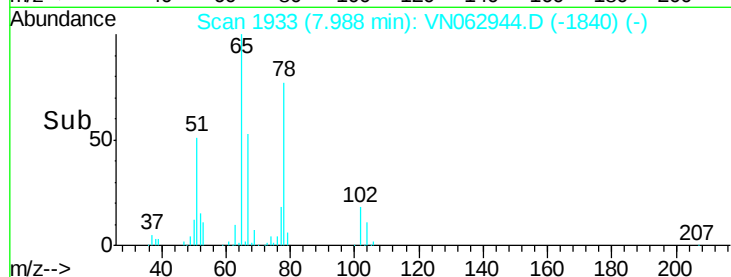
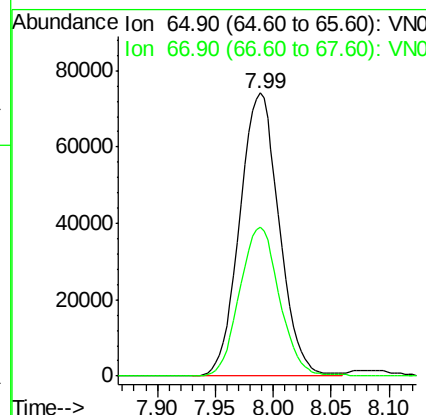
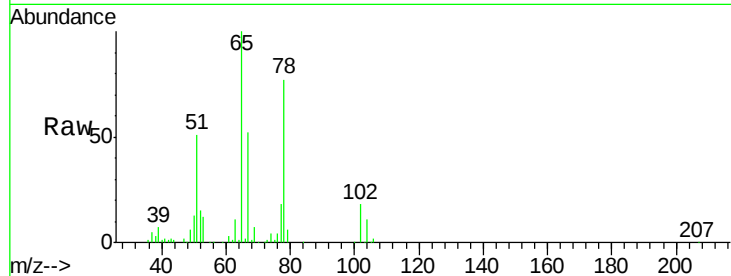




#33
 1,2-Dichloroethane-d4
 Concen: 45.263 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN062944.D
 Acq: 14 Aug 2020 19:43

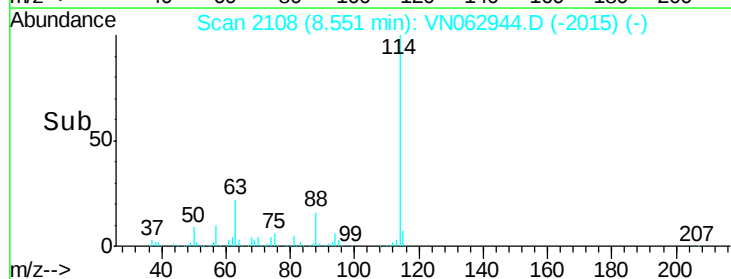
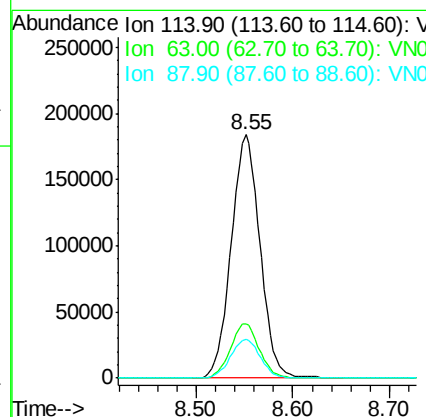
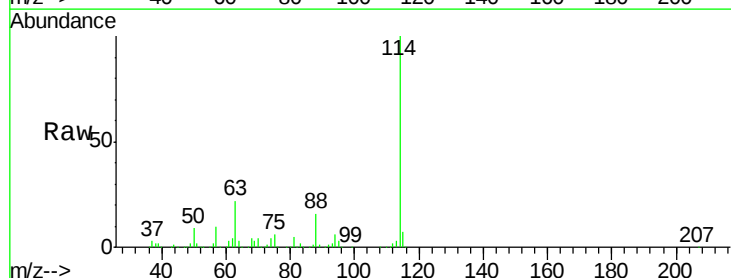
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0814WBS02

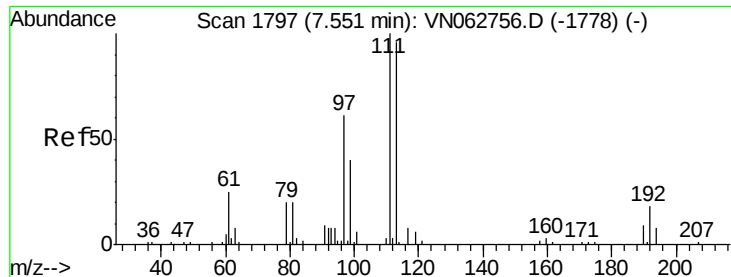
Tgt Ion: 65 Resp: 175943
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN062944.D
 Acq: 14 Aug 2020 19:43

Tgt Ion: 114 Resp: 380661
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 47.6
 88 15.9 0.0 34.4

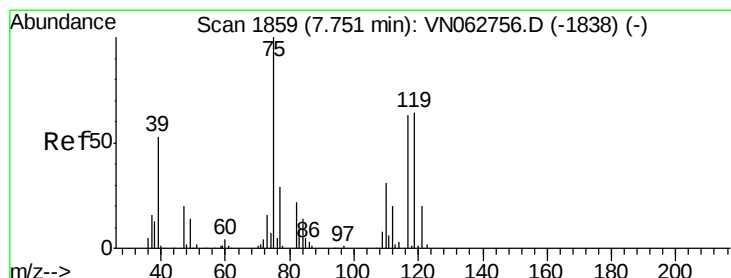
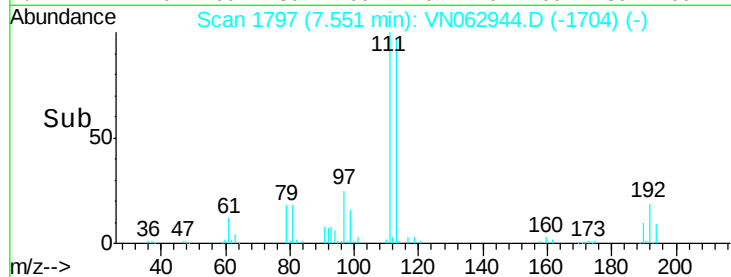
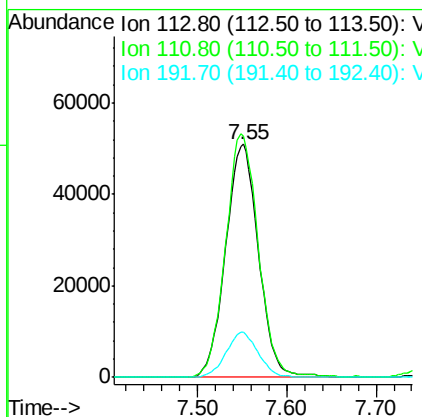
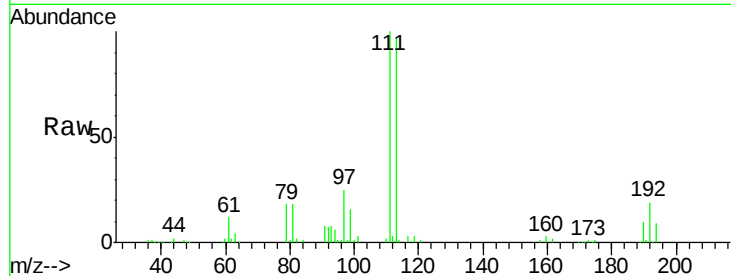




#35
 Dibromofluoromethane
 Concen: 49.986 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. -0.00 min
 Lab File: VN062944.D
 Acq: 14 Aug 2020 19:43

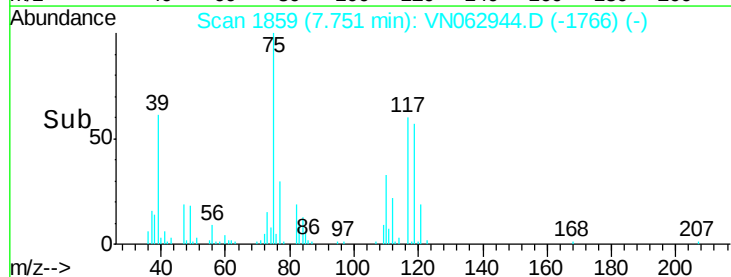
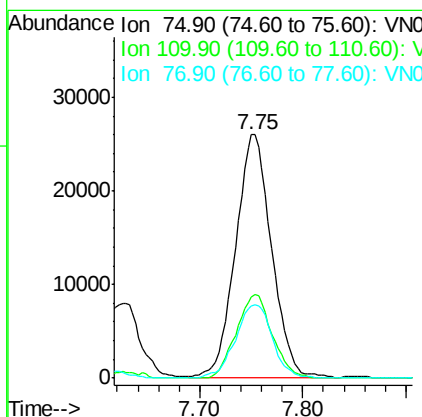
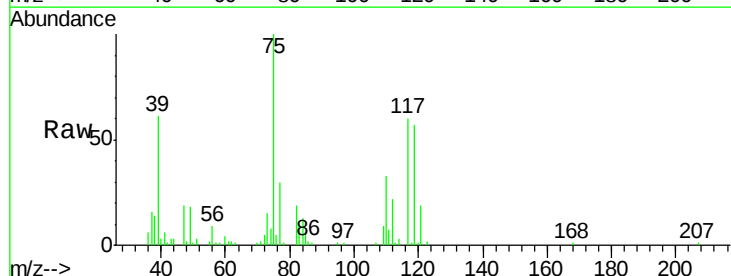
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0814WBS02

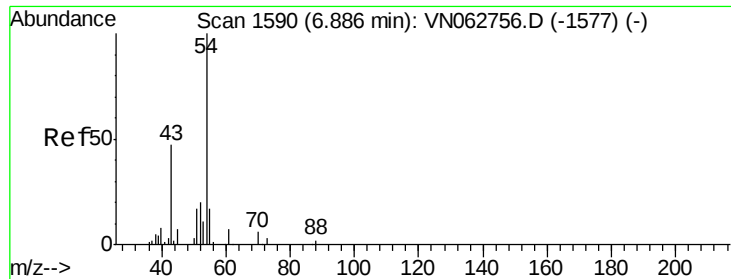
Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.0	81.8	122.6
192	18.8	15.0	22.4



#36
 1,1-Dichloropropene
 Concen: 17.104 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062944.D
 Acq: 14 Aug 2020 19:43

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.0	15.6	46.7
77	31.0	24.1	36.1

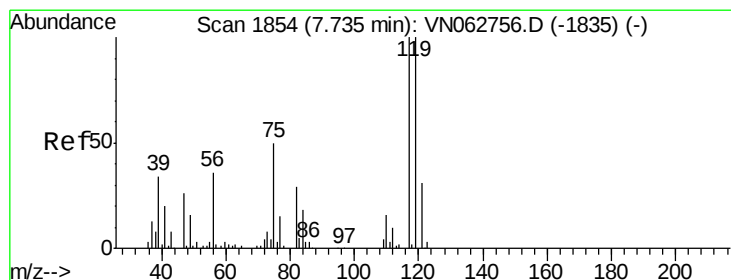
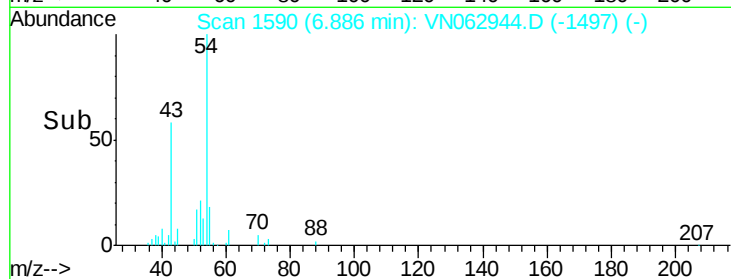
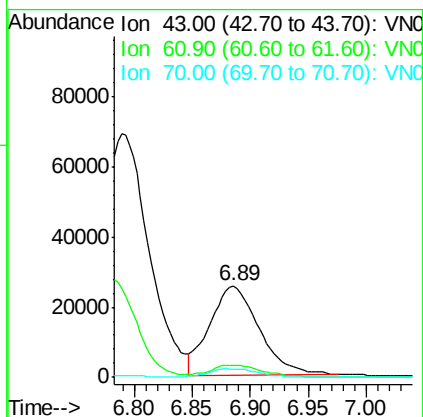
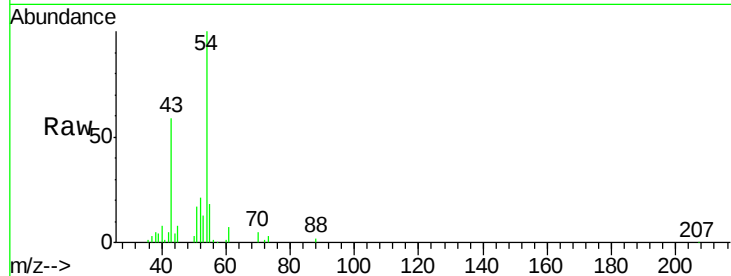




#37
 Ethyl Acetate
 Concen: 19.678 ug/l
 RT: 6.89 min Scan# 1590
 Delta R.T. -0.00 min
 Lab File: VN062944.D
 Acq: 14 Aug 2020 19:43

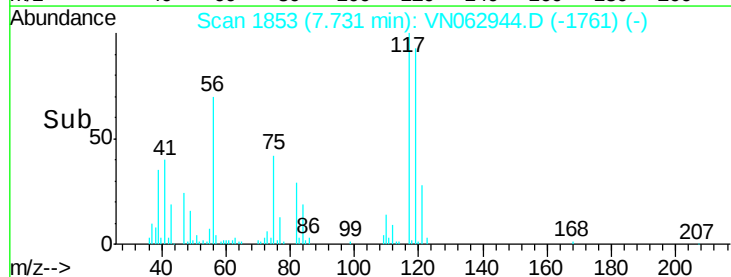
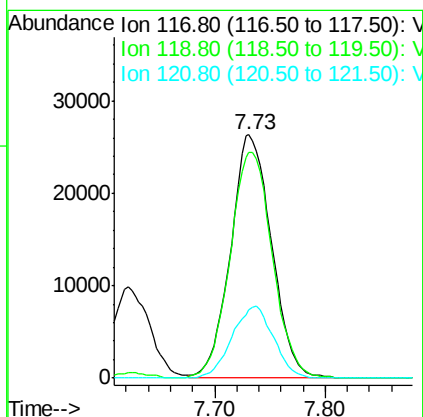
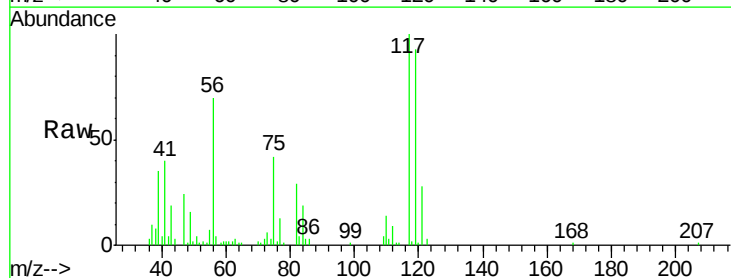
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0814WBS02

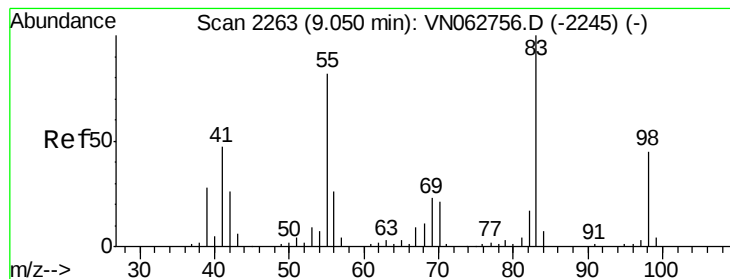
Tgt Ion: 43 Resp: 76191
 Ion Ratio Lower Upper
 43 100
 61 4.0 12.1 18.1#
 70 9.6 8.3 12.5



#38
 Carbon Tetrachloride
 Concen: 15.481 ug/l
 RT: 7.73 min Scan# 1853
 Delta R.T. -0.00 min
 Lab File: VN062944.D
 Acq: 14 Aug 2020 19:43

Tgt Ion: 117 Resp: 67863
 Ion Ratio Lower Upper
 117 100
 119 93.0 79.4 119.2
 121 27.9 24.9 37.3





#39

Methylcyclohexane

Concen: 16.602 ug/l

RT: 9.05 min Scan# 2262

Delta R.T. -0.00 min

Lab File: VN062944.D

Acq: 14 Aug 2020 19:43

Instrument :

MSVOA_N

ClientSampleId :

VN0814WBS02

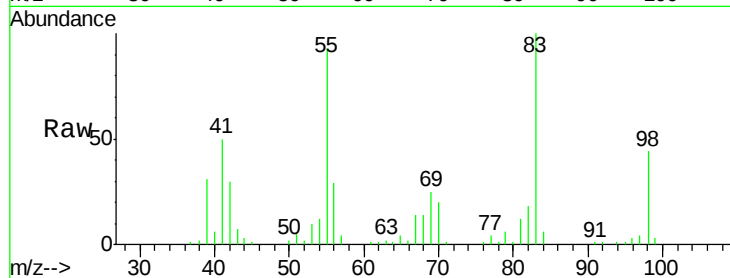
Tgt Ion: 83 Resp: 74054

Ion Ratio Lower Upper

83 100

55 93.1 65.7 98.5

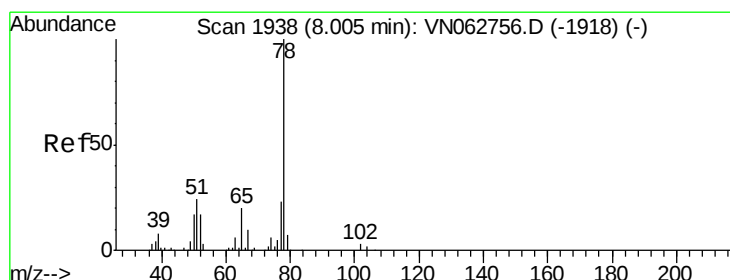
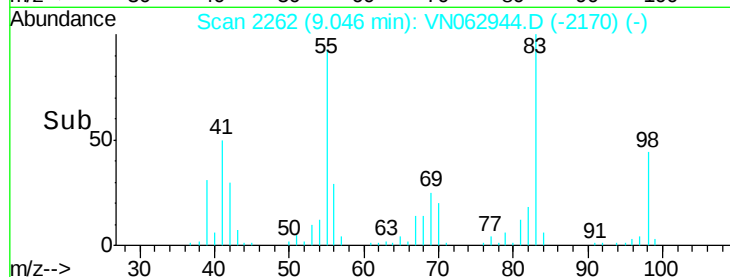
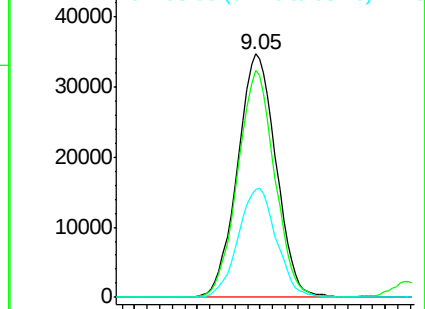
98 44.3 35.6 53.4



Abundance Ion 83.00 (82.70 to 83.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0



#40

Benzene

Concen: 18.567 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN062944.D

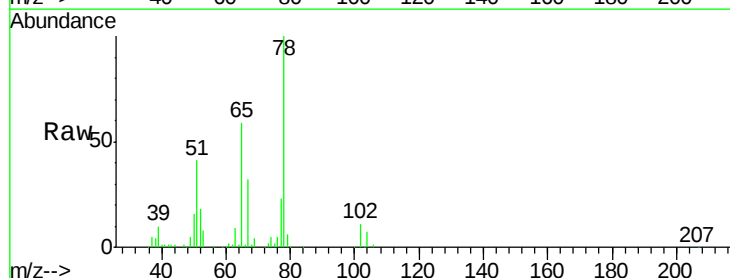
Acq: 14 Aug 2020 19:43

Tgt Ion: 78 Resp: 205357

Ion Ratio Lower Upper

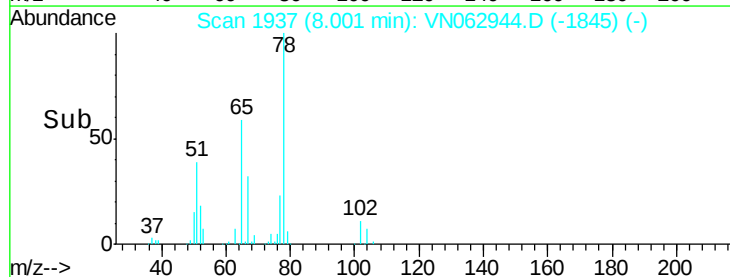
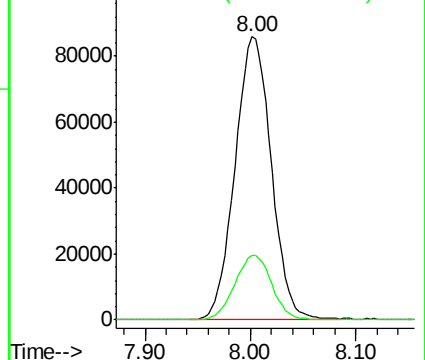
78 100

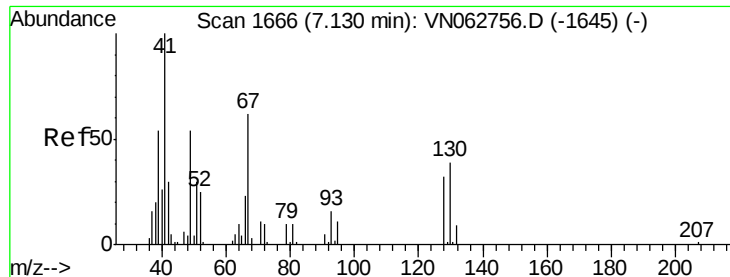
77 22.9 18.1 27.1



Abundance Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

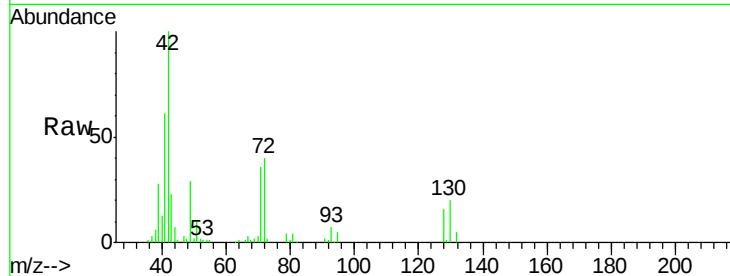




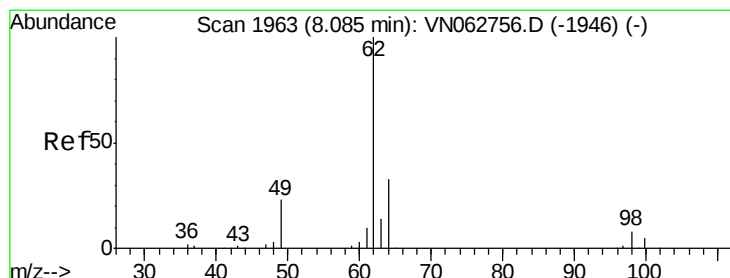
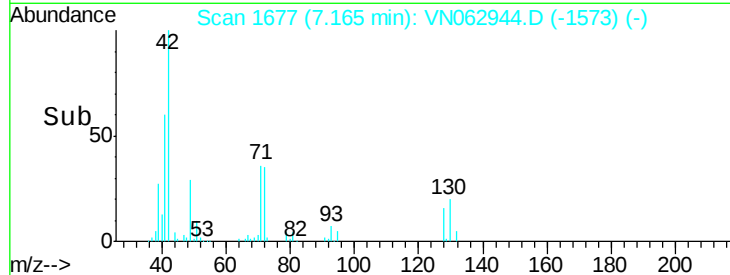
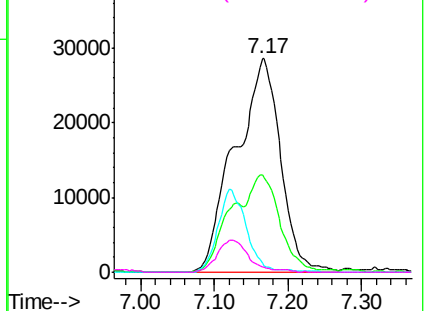
#41
Methacrylonitrile
Concen: 69.915 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.04 min
Lab File: VN062944.D
Acq: 14 Aug 2020 19:43

Instrument :
MSVOA_N
ClientSampleId :
VN0814WBS02

Tgt Ion:	41	Resp:	122152
Ion	Ratio	Lower	Upper
41	100		
39	0.0	69.4	104.2#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

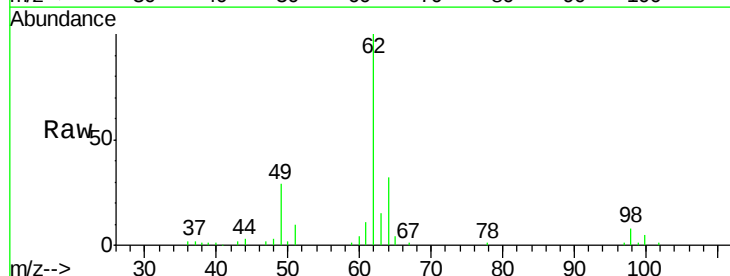


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

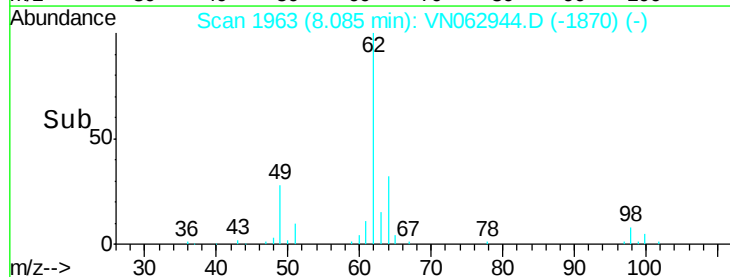
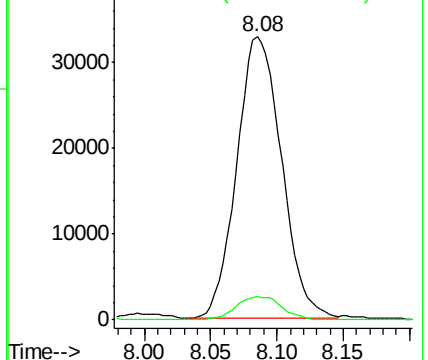


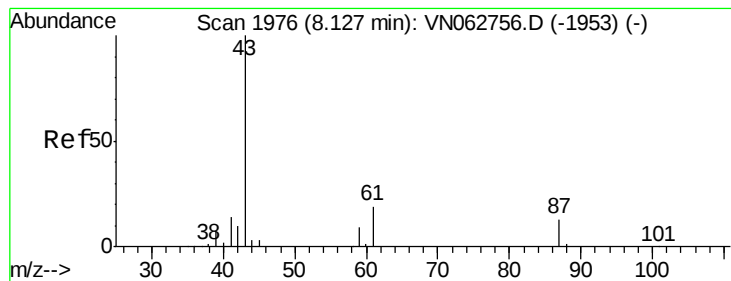
#42
1,2-Dichloroethane
Concen: 16.464 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062944.D
Acq: 14 Aug 2020 19:43

Tgt Ion:	62	Resp:	77503
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	15.8



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





#43

Isopropyl Acetate

Concen: 18.873 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062944.D

Acq: 14 Aug 2020 19:43

Instrument :

MSVOA_N

ClientSampleId :

VN0814WBS02

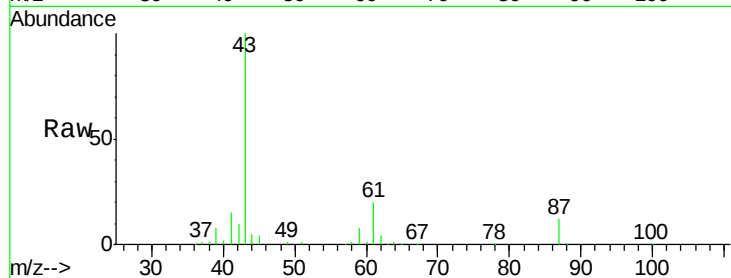
Tgt Ion: 43 Resp: 121884

Ion Ratio Lower Upper

43 100

61 19.5 15.8 23.6

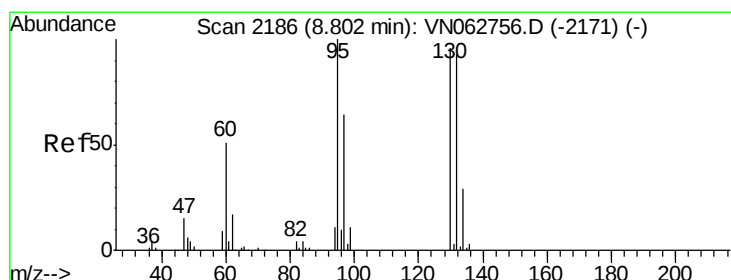
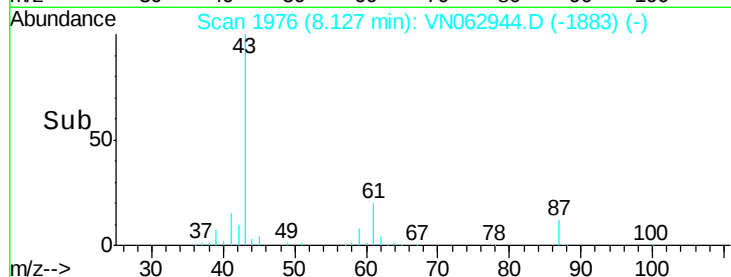
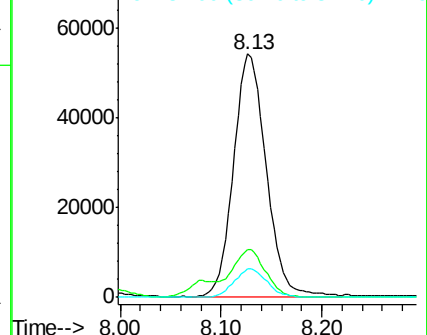
87 11.7 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VN062756.D (-1953) (-)

Ion 61.00 (60.70 to 61.70): VN062756.D (-1953) (-)

Ion 87.00 (86.70 to 87.70): VN062756.D (-1953) (-)



#44

Trichloroethene

Concen: 17.558 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN062944.D

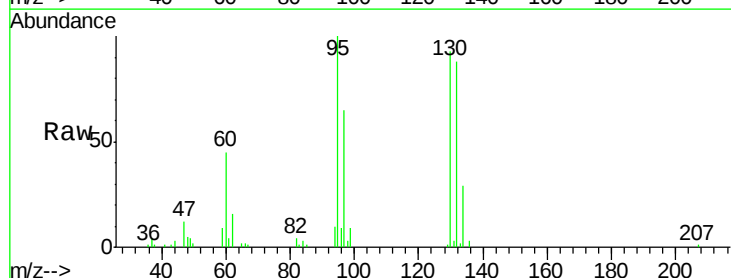
Acq: 14 Aug 2020 19:43

Tgt Ion: 130 Resp: 47313

Ion Ratio Lower Upper

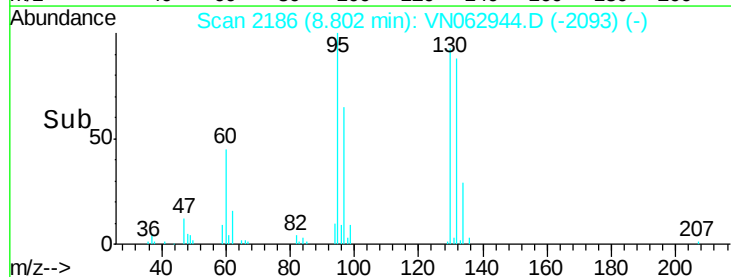
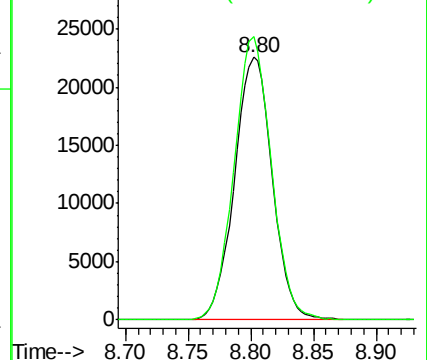
130 100

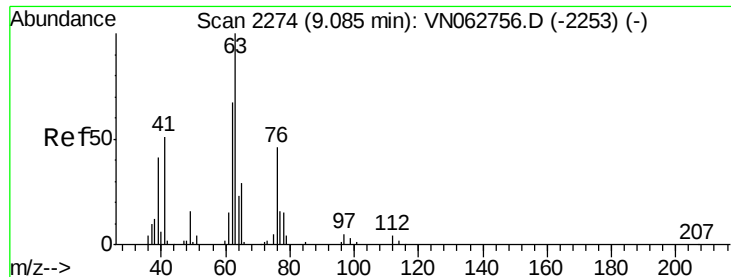
95 107.7 0.0 207.6



Abundance Ion 129.80 (129.50 to 130.50): VN062756.D (-2171) (-)

Ion 94.90 (94.60 to 95.60): VN062756.D (-2171) (-)





#45

1,2-Dichloropropane

Concen: 20.500 ug/l

RT: 9.08 min Scan# 2274

Delta R.T. -0.00 min

Lab File: VN062944.D

Acq: 14 Aug 2020 19:43

Instrument :

MSVOA_N

ClientSampleId :

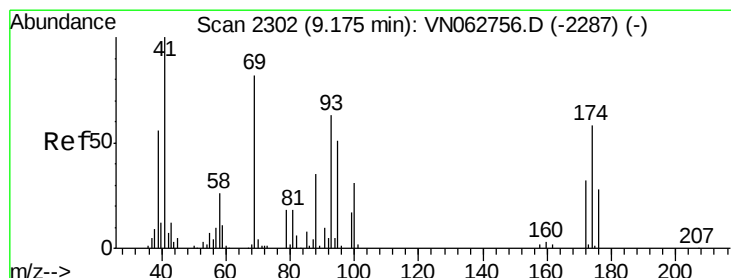
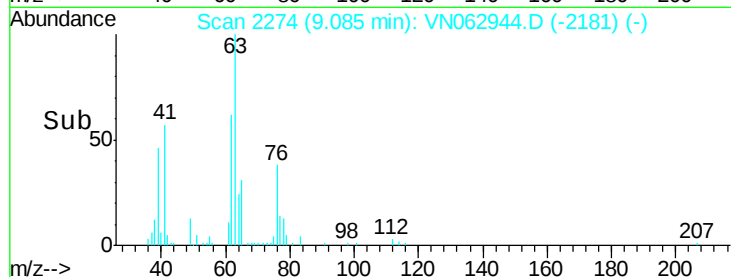
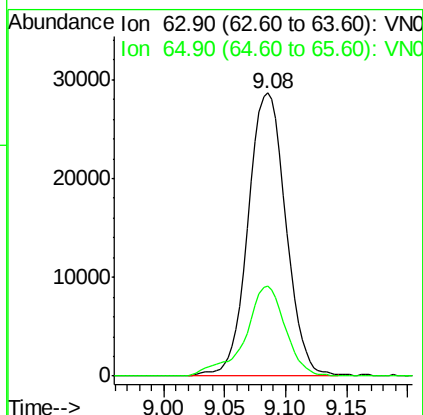
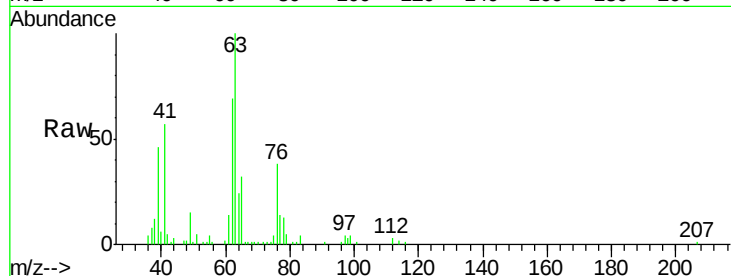
VN0814WBS02

Tgt Ion: 63 Resp: 61368

Ion Ratio Lower Upper

63 100

65 31.6 23.5 35.3



#46

Dibromomethane

Concen: 18.930 ug/l

RT: 9.17 min Scan# 2302

Delta R.T. -0.00 min

Lab File: VN062944.D

Acq: 14 Aug 2020 19:43

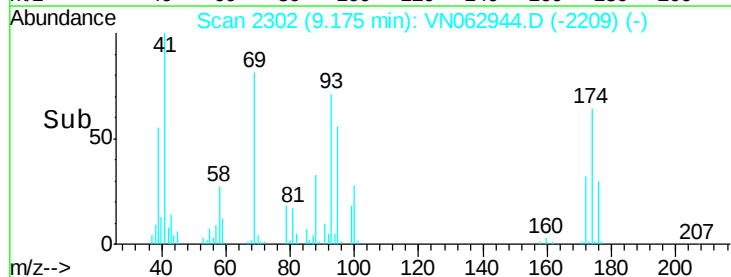
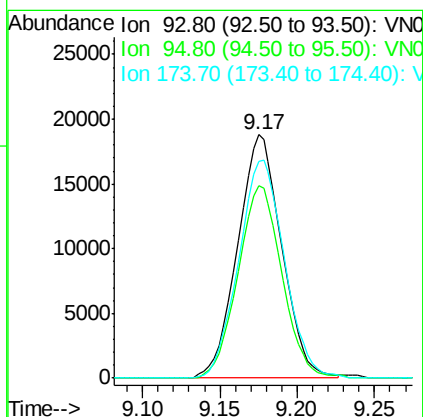
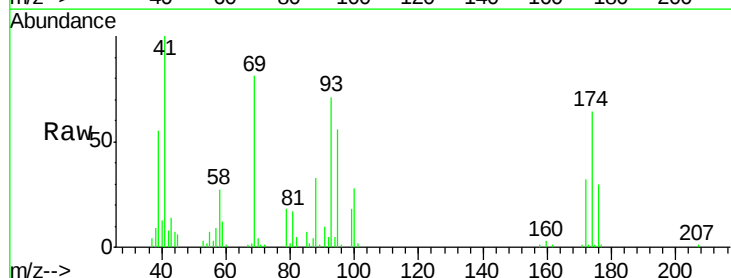
Tgt Ion: 93 Resp: 37130

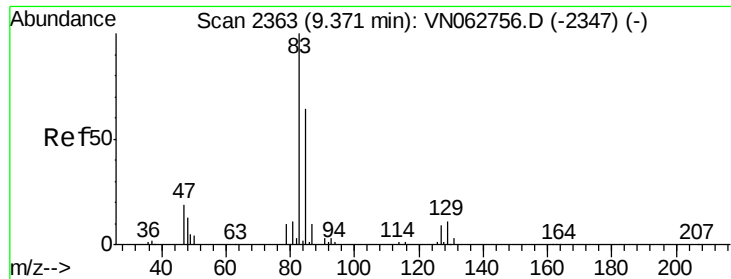
Ion Ratio Lower Upper

93 100

95 79.0 65.1 97.7

174 93.2 73.9 110.9





#47

Bromodichloromethane

Concen: 18.003 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. -0.00 min

Lab File: VN062944.D

Acq: 14 Aug 2020 19:43

Instrument :

MSVOA_N

ClientSampleId :

VN0814WBS02

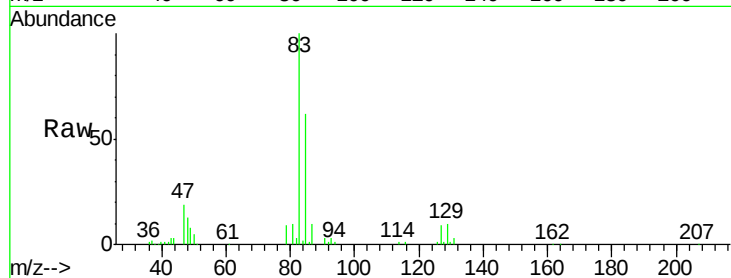
Tgt Ion: 83 Resp: 79307

Ion Ratio Lower Upper

83 100

85 61.5 51.4 77.0

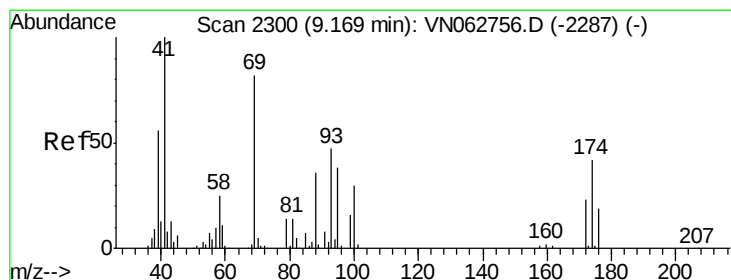
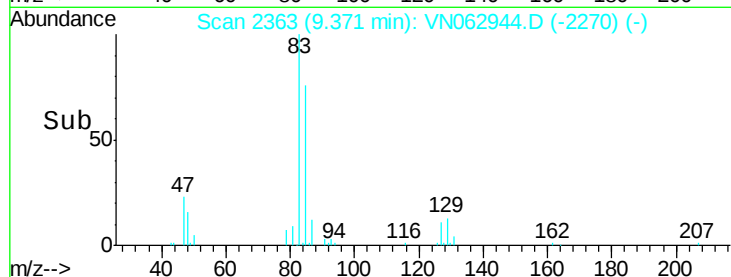
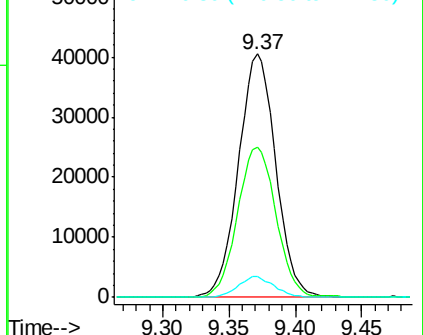
127 8.5 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 18.293 ug/l

RT: 9.17 min Scan# 2300

Delta R.T. -0.00 min

Lab File: VN062944.D

Acq: 14 Aug 2020 19:43

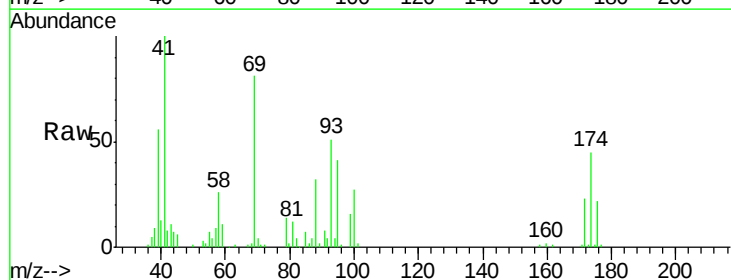
Tgt Ion: 41 Resp: 58108

Ion Ratio Lower Upper

41 100

69 82.5 67.4 101.2

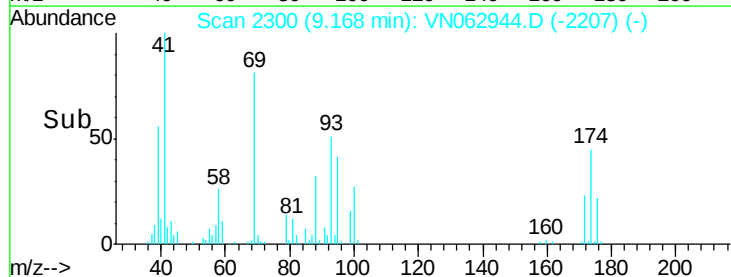
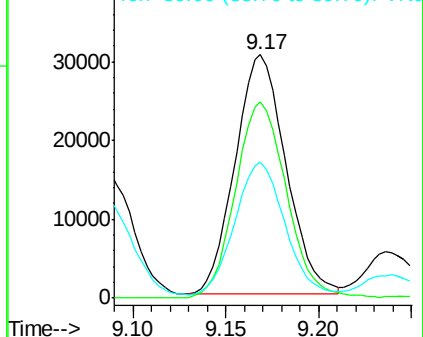
39 56.3 47.6 71.4



Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

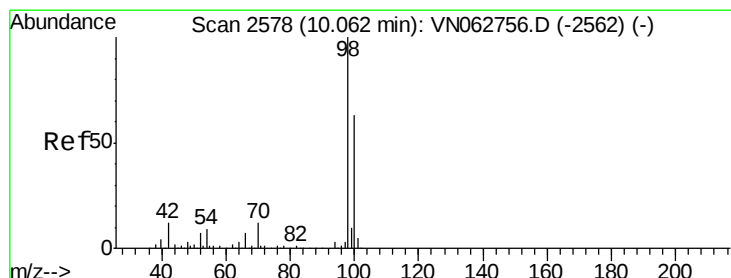
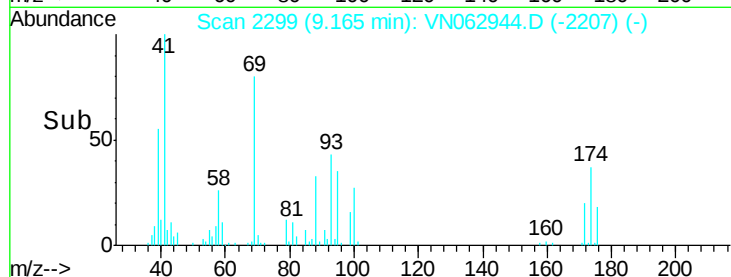
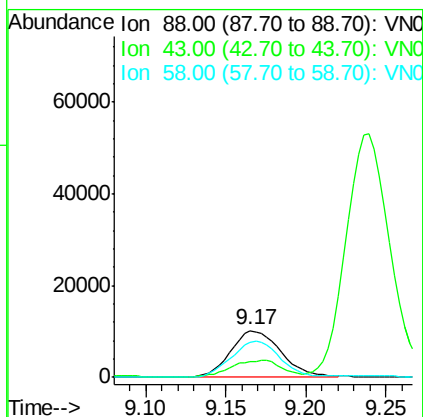
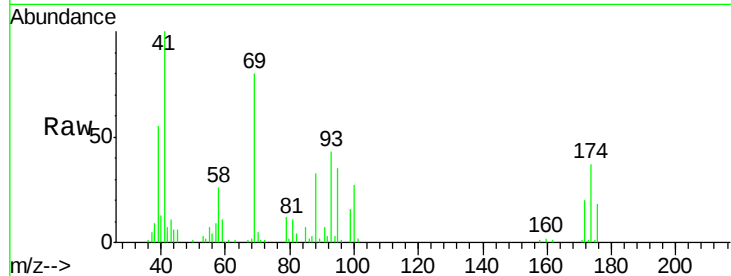




#49
 1,4-Dioxane
 Concen: 372.382 ug/l
 RT: 9.17 min Scan# 2299
 Delta R.T. -0.00 min
 Lab File: VN062944.D
 Acq: 14 Aug 2020 19:43

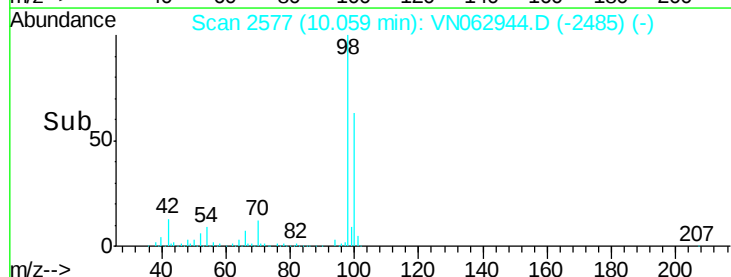
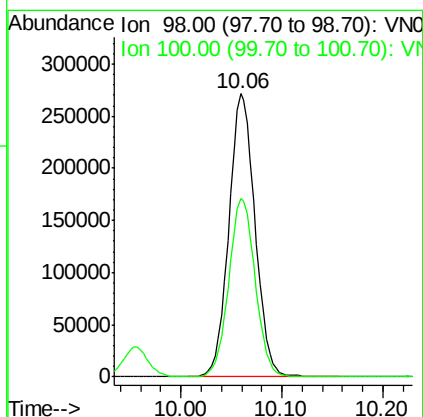
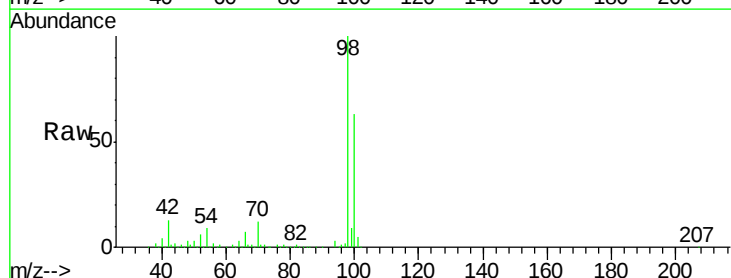
Instrument :
 MSVOA_N
 ClientSampled :
 VN0814WBS02

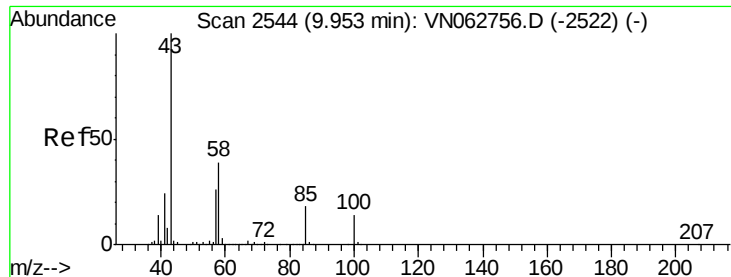
Tgt Ion: 88 Resp: 21918
 Ion Ratio Lower Upper
 88 100
 43 38.1 29.5 44.3
 58 75.2 59.8 89.8



#50
 Toluene-d8
 Concen: 48.317 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. -0.00 min
 Lab File: VN062944.D
 Acq: 14 Aug 2020 19:43

Tgt Ion: 98 Resp: 491191
 Ion Ratio Lower Upper
 98 100
 100 63.7 50.9 76.3

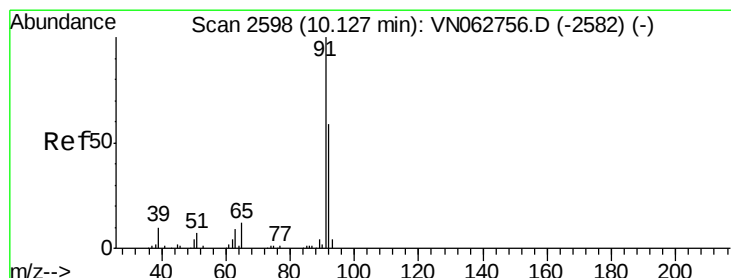
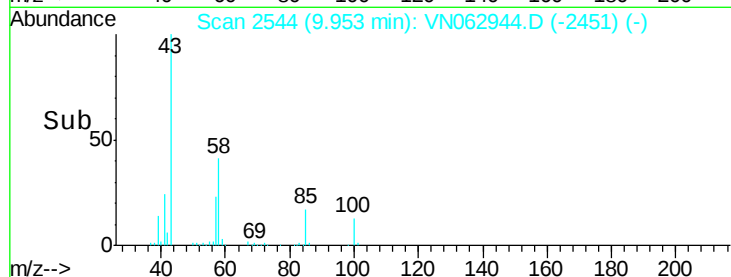
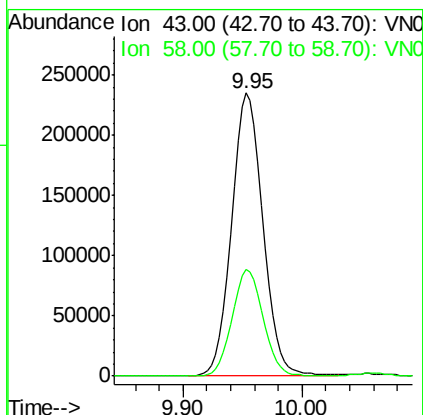
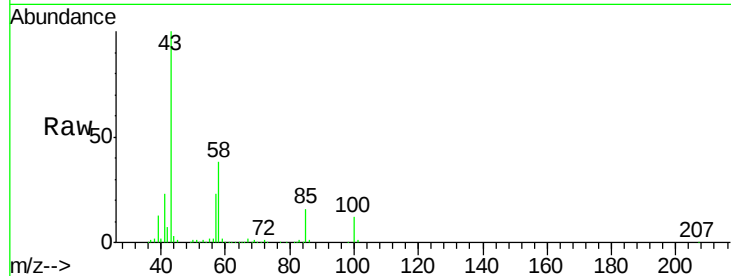




#51
 4-Methyl-2-Pentanone
 Concen: 102.394 ug/l
 RT: 9.95 min Scan# 2544
 Delta R.T. -0.00 min
 Lab File: VN062944.D
 Acq: 14 Aug 2020 19:43

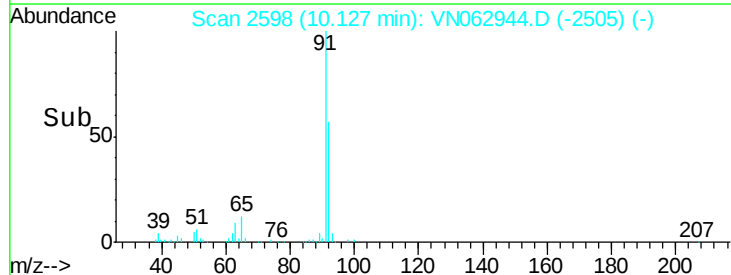
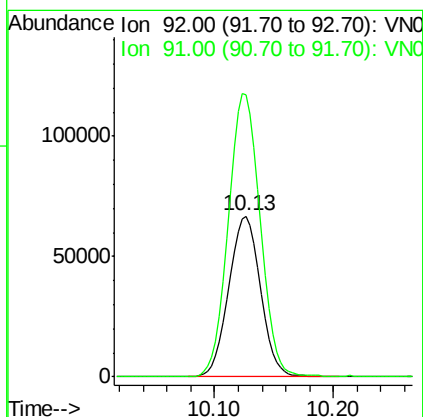
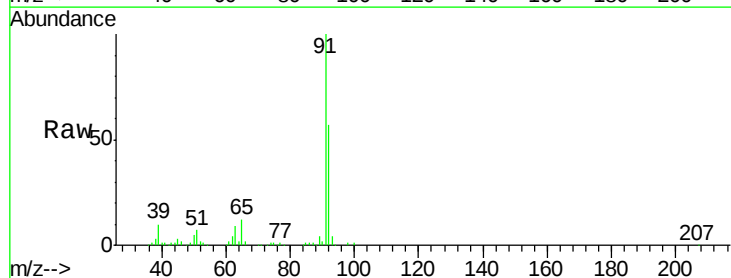
Instrument :
 MSVOA_N
 ClientSampled :
 VN0814WBS02

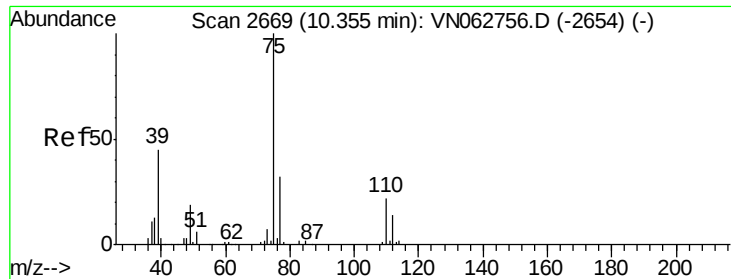
Tgt Ion: 43 Resp: 427853
 Ion Ratio Lower Upper
 43 100
 58 37.6 31.1 46.7



#52
 Toluene
 Concen: 18.116 ug/l
 RT: 10.13 min Scan# 2598
 Delta R.T. -0.00 min
 Lab File: VN062944.D
 Acq: 14 Aug 2020 19:43

Tgt Ion: 92 Resp: 123714
 Ion Ratio Lower Upper
 92 100
 91 176.6 138.9 208.3





#53

t-1,3-Dichloropropene

Concen: 16.700 ug/l

RT: 10.35 min Scan# 2669

Delta R.T. -0.00 min

Lab File: VN062944.D

Acq: 14 Aug 2020 19:43

Instrument :

MSVOA_N

ClientSampleId :

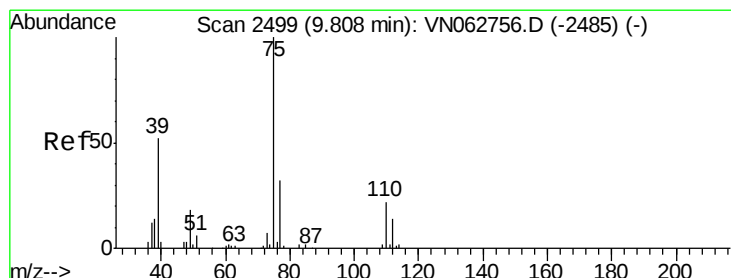
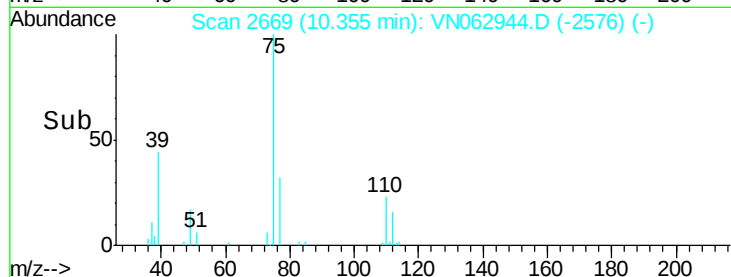
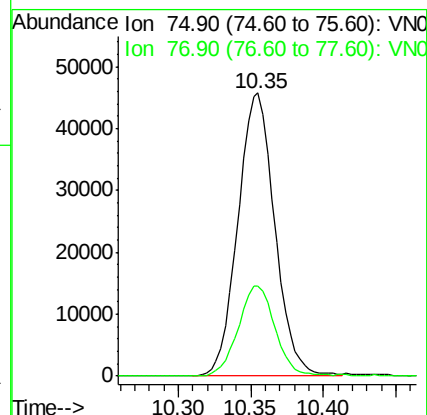
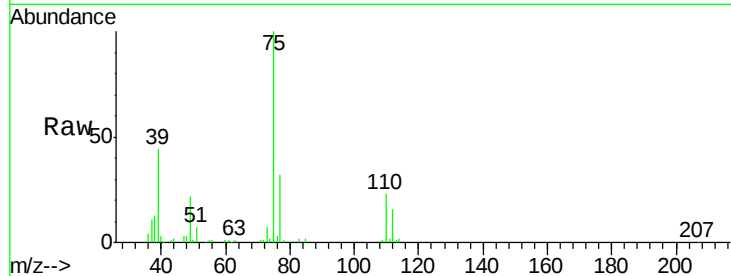
VN0814WBS02

Tgt Ion: 75 Resp: 80923

Ion Ratio Lower Upper

75 100

77 32.0 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 18.075 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN062944.D

Acq: 14 Aug 2020 19:43

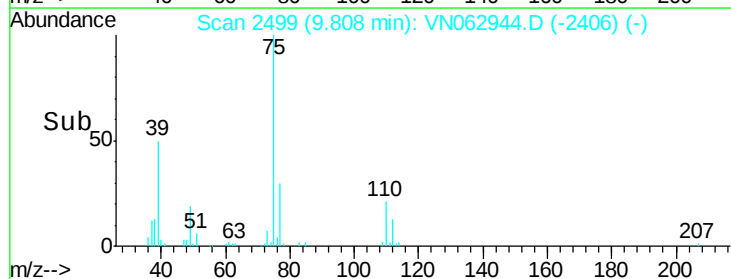
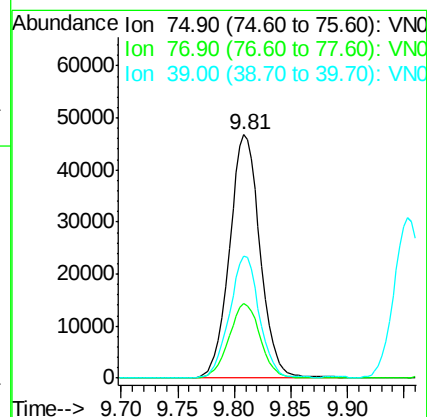
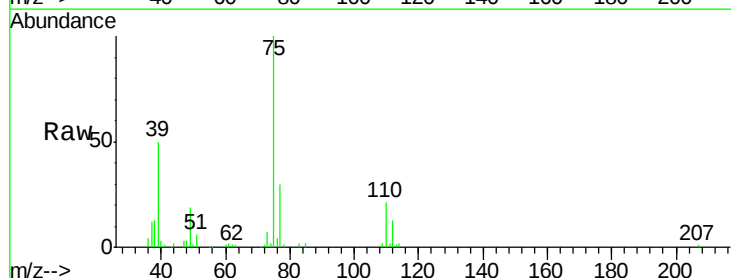
Tgt Ion: 75 Resp: 87935

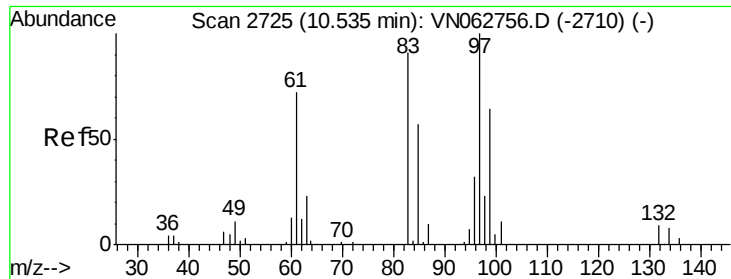
Ion Ratio Lower Upper

75 100

77 30.5 25.5 38.3

39 49.9 41.9 62.9





#55

1,1,2-Trichloroethane

Concen: 19.286 ug/l

RT: 10.53 min Scan# 2725

Delta R.T. -0.00 min

Lab File: VN062944.D

Acq: 14 Aug 2020 19:43

Instrument :

MSVOA_N

ClientSampleId :

VN0814WBS02

Tgt Ion: 97 Resp: 56249

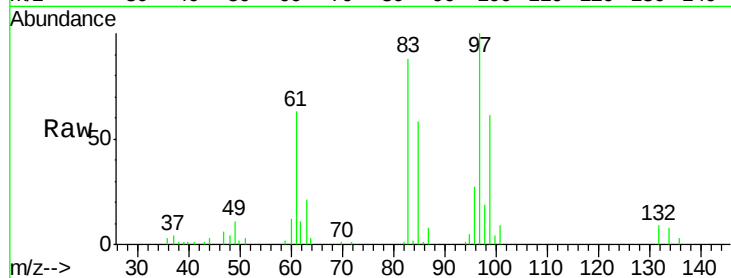
Ion Ratio Lower Upper

97 100

83 87.7 72.6 108.8

85 57.6 46.0 69.0

99 61.2 51.1 76.7

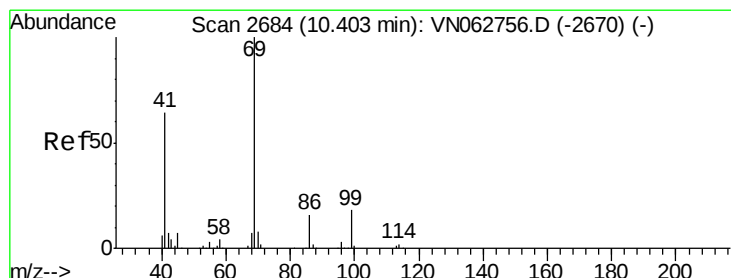
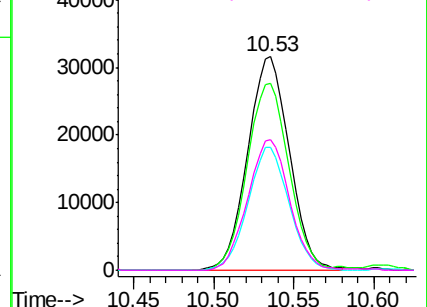
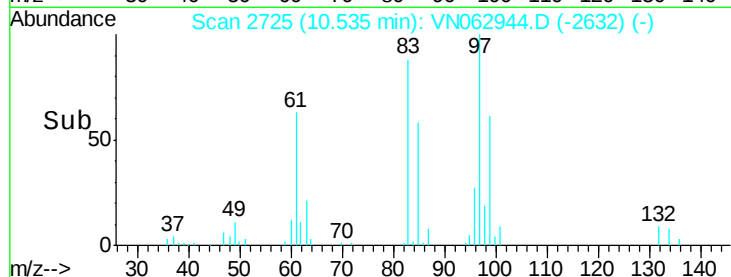


Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 18.017 ug/l

RT: 10.40 min Scan# 2684

Delta R.T. -0.00 min

Lab File: VN062944.D

Acq: 14 Aug 2020 19:43

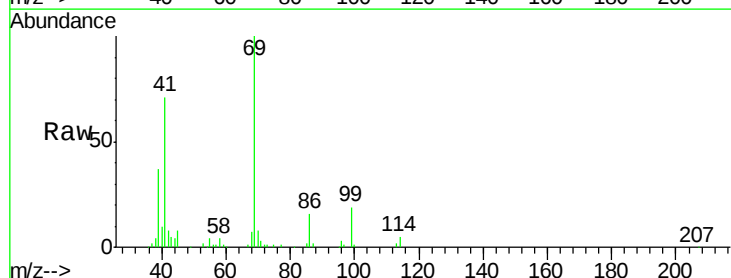
Tgt Ion: 69 Resp: 79097

Ion Ratio Lower Upper

69 100

41 71.2 52.2 78.2

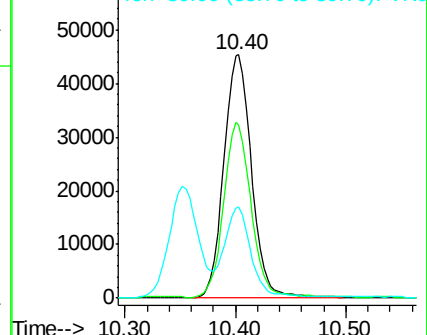
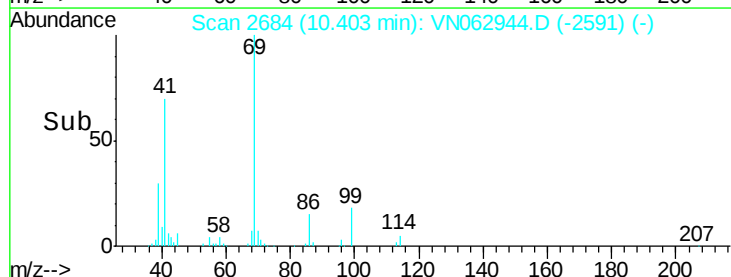
39 35.1 30.9 46.3

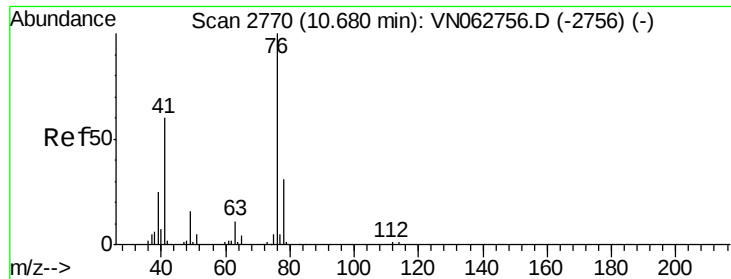


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

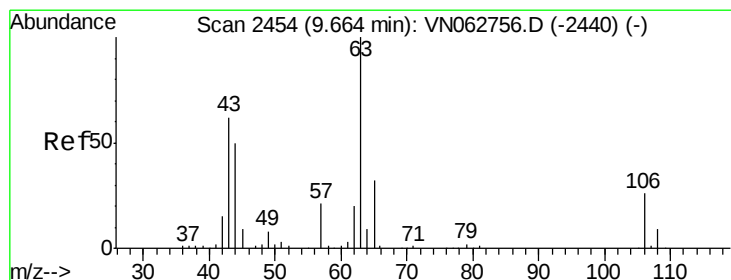
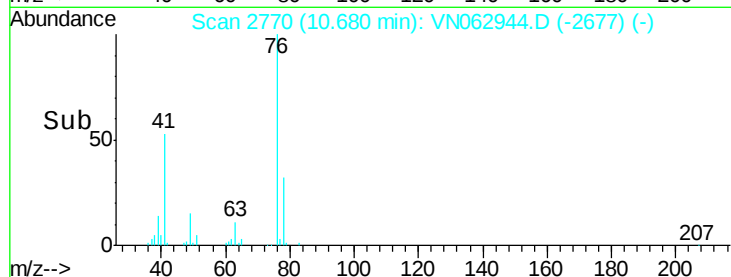
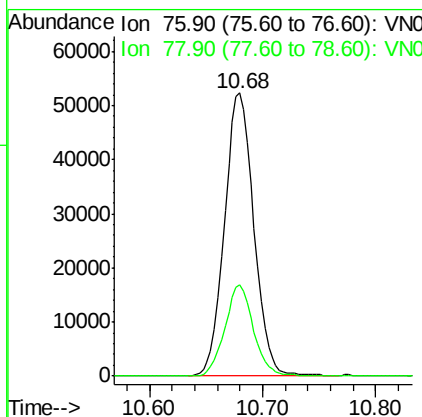
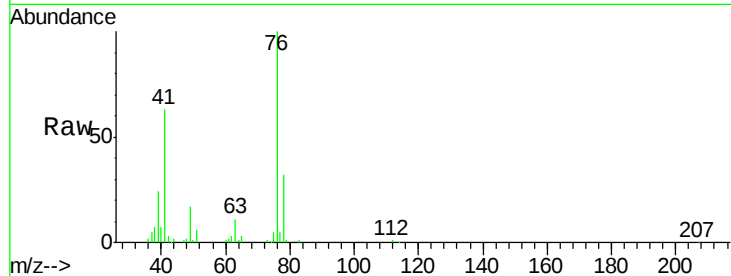




#57
 1,3-Dichloropropane
 Concen: 19.101 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. -0.00 min
 Lab File: VN062944.D
 Acq: 14 Aug 2020 19:43

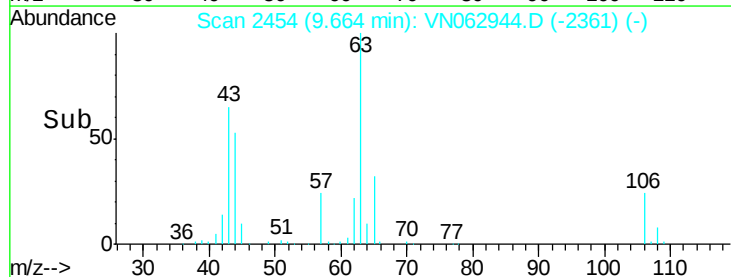
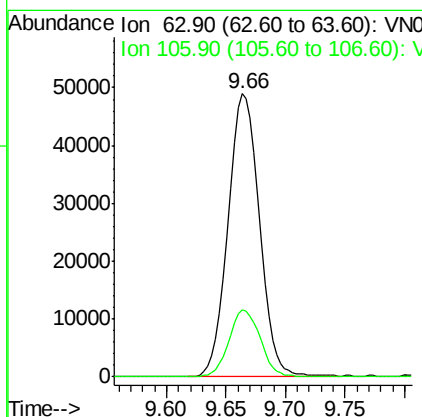
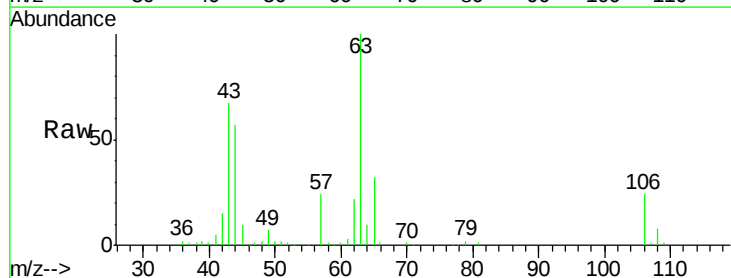
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0814WBS02

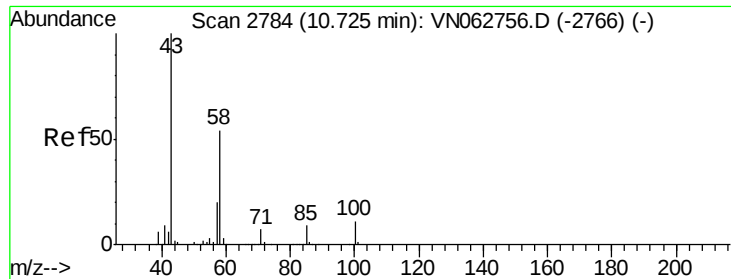
Tgt Ion: 76 Resp: 94658
 Ion Ratio Lower Upper
 76 100
 78 31.4 25.4 38.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 72.627 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. -0.00 min
 Lab File: VN062944.D
 Acq: 14 Aug 2020 19:43

Tgt Ion: 63 Resp: 90123
 Ion Ratio Lower Upper
 63 100
 106 23.4 20.9 31.3

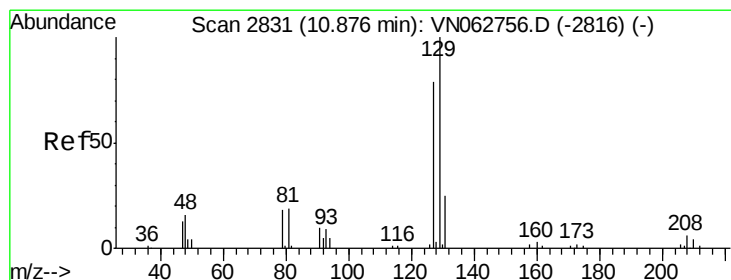
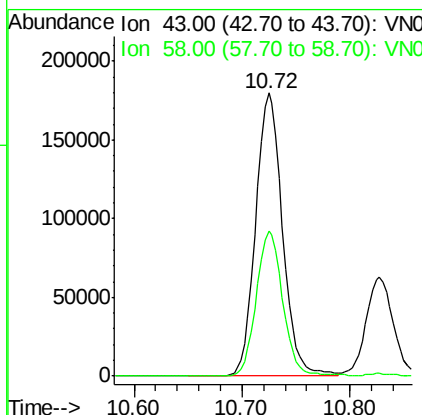
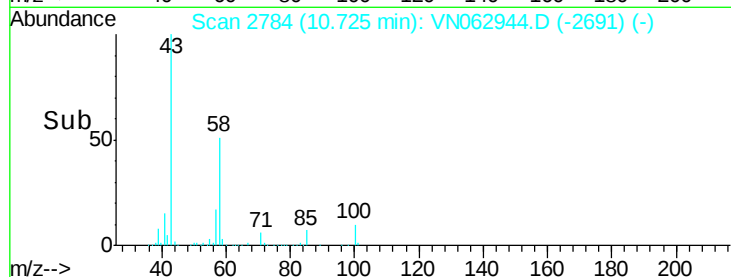
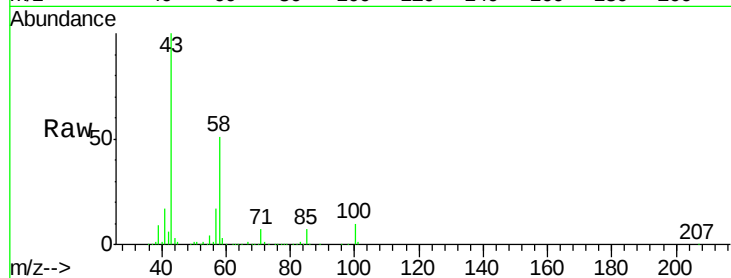




#59
2-Hexanone
Concen: 99.813 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. -0.00 min
Lab File: VN062944.D
Acq: 14 Aug 2020 19:43

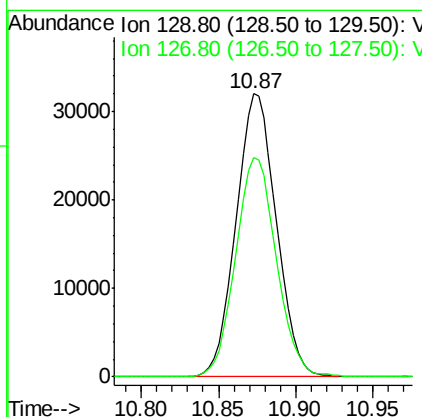
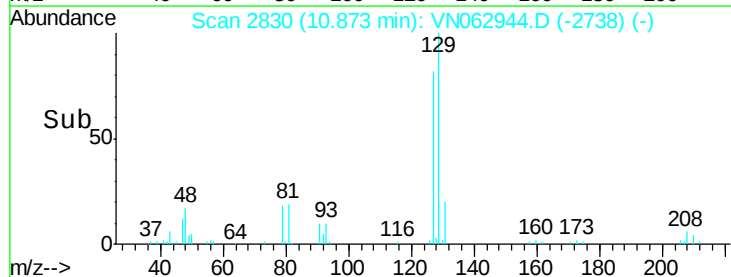
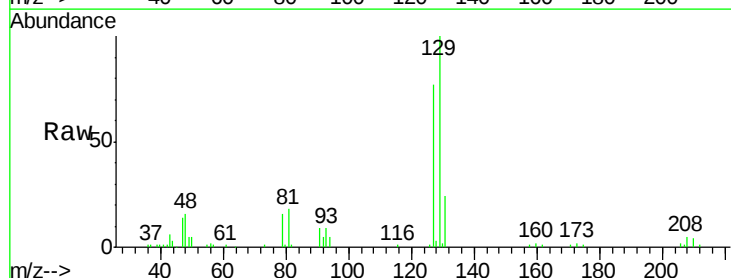
Instrument :
MSVOA_N
ClientSampleId :
VN0814WBS02

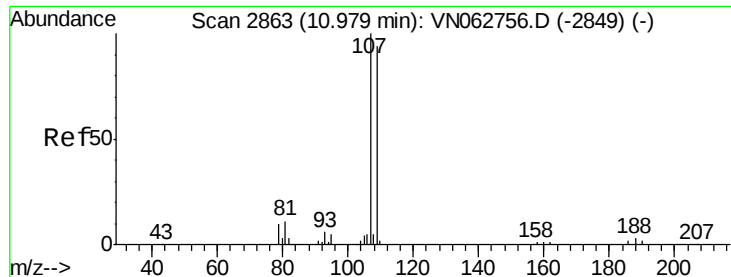
Tgt Ion: 43 Resp: 311107
Ion Ratio Lower Upper
43 100
58 50.1 26.7 80.1



#60
Dibromochloromethane
Concen: 17.398 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062944.D
Acq: 14 Aug 2020 19:43

Tgt Ion: 129 Resp: 57907
Ion Ratio Lower Upper
129 100
127 78.6 39.1 117.2

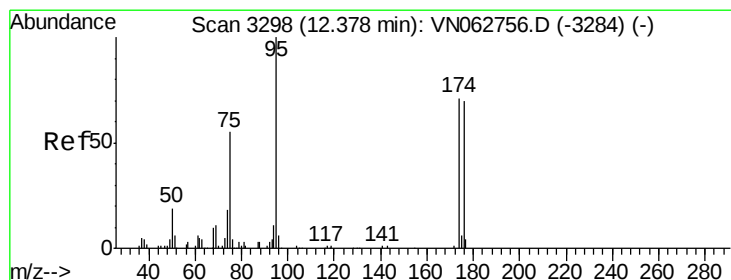
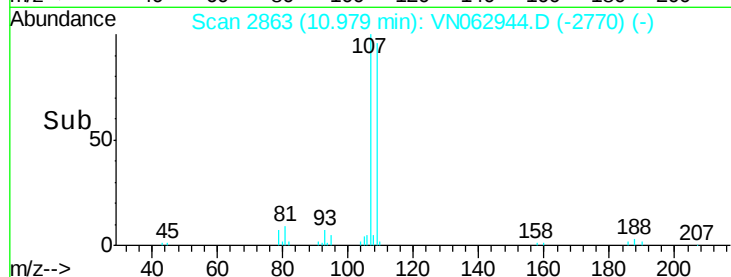
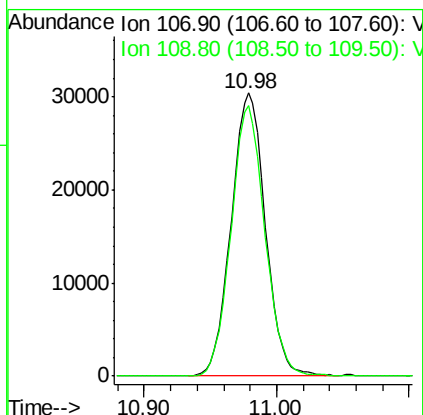
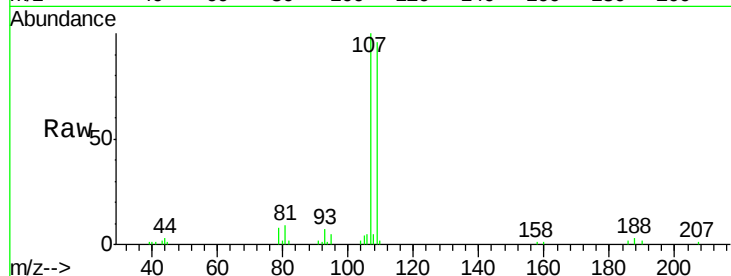




#61
 1,2-Dibromoethane
 Concen: 18.891 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. -0.00 min
 Lab File: VN062944.D
 Acq: 14 Aug 2020 19:43

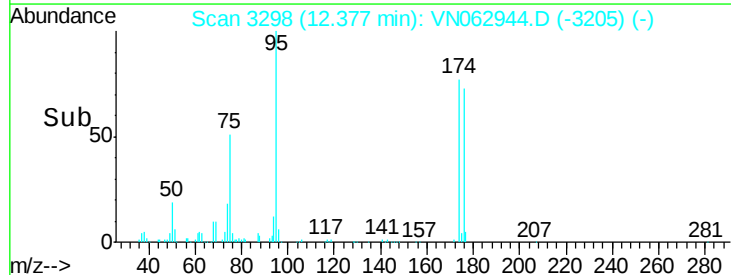
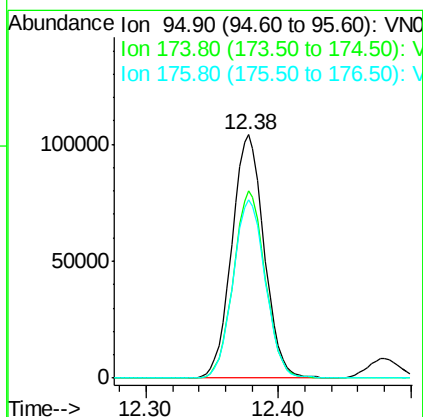
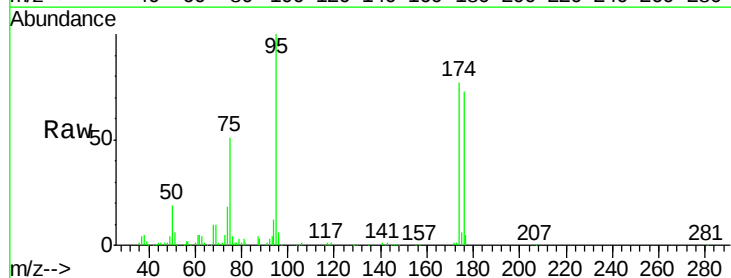
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0814WBS02

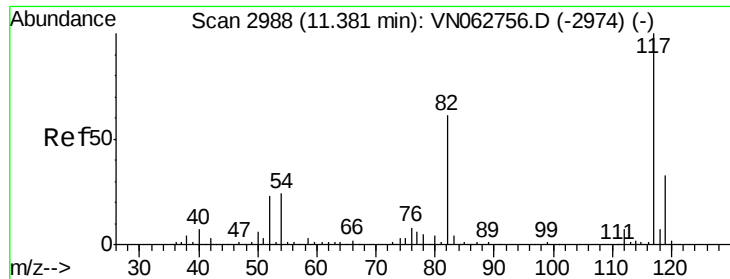
Tgt Ion: 107 Resp: 54368
 Ion Ratio Lower Upper
 107 100
 109 94.7 76.1 114.1



#62
 4-Bromofluorobenzene
 Concen: 45.833 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062944.D
 Acq: 14 Aug 2020 19:43

Tgt Ion: 95 Resp: 176077
 Ion Ratio Lower Upper
 95 100
 174 75.8 0.0 144.8
 176 73.3 0.0 142.2

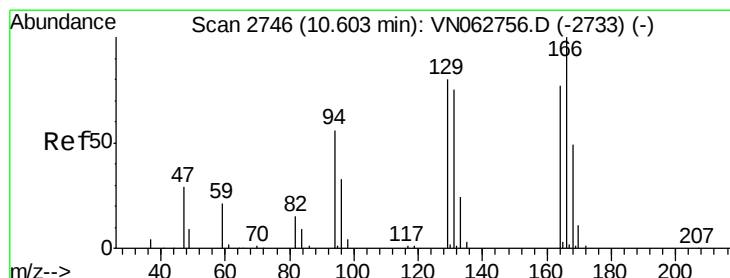
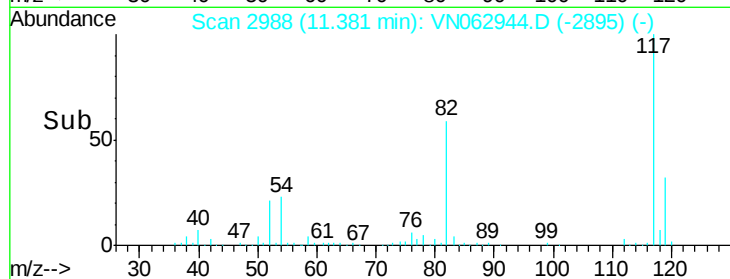
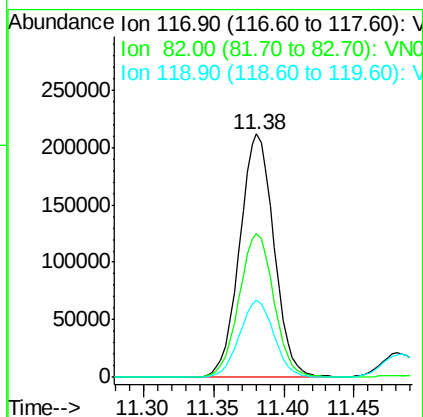
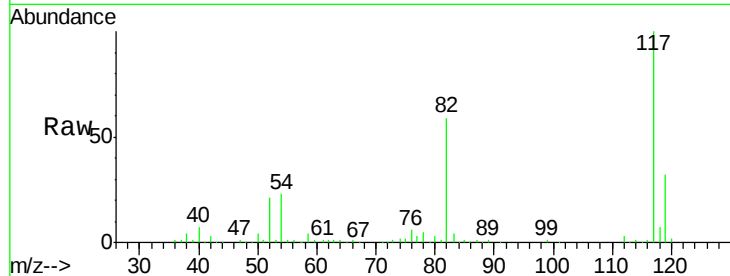




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062944.D
Acq: 14 Aug 2020 19:43

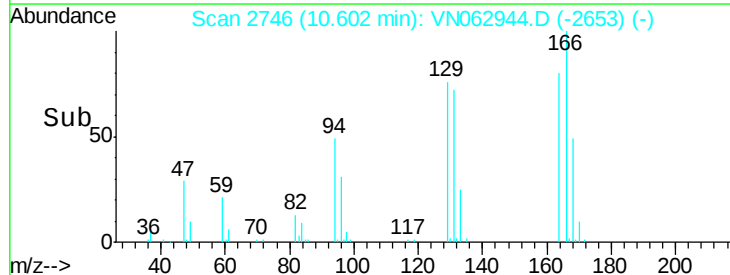
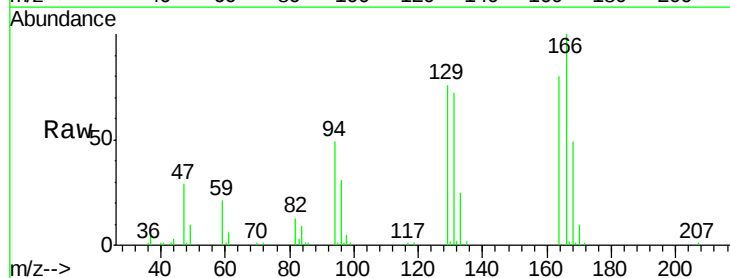
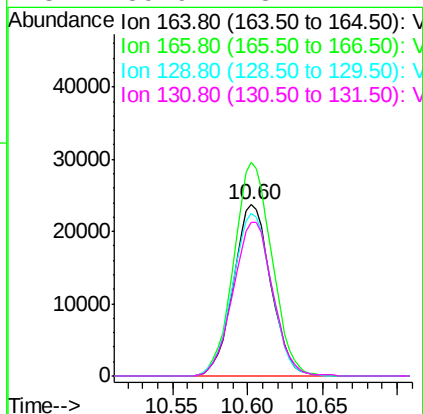
Instrument :
MSVOA_N
ClientSampleId :
VN0814WBS02

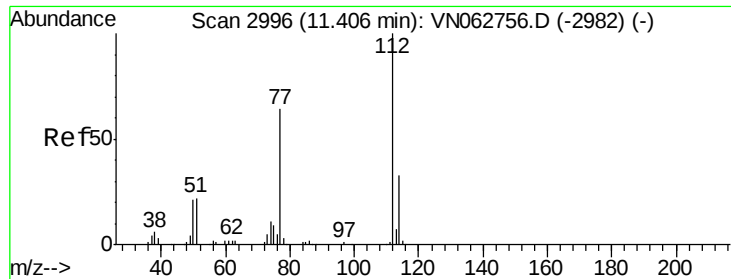
Tgt Ion:117 Resp: 361709
Ion Ratio Lower Upper
117 100
82 59.0 49.0 73.4
119 31.6 26.2 39.2



#64
Tetrachloroethene
Concen: 17.700 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062944.D
Acq: 14 Aug 2020 19:43

Tgt Ion:164 Resp: 41307
Ion Ratio Lower Upper
164 100
166 124.6 103.8 155.8
129 94.5 82.7 124.1
131 89.9 78.2 117.2

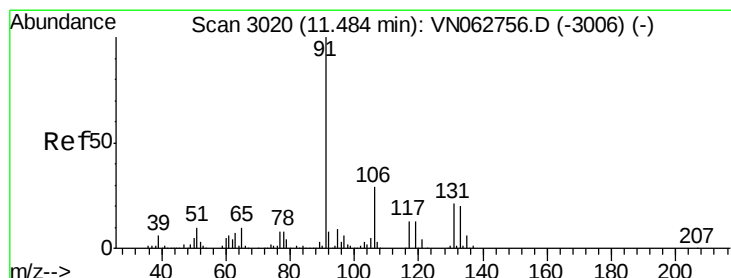
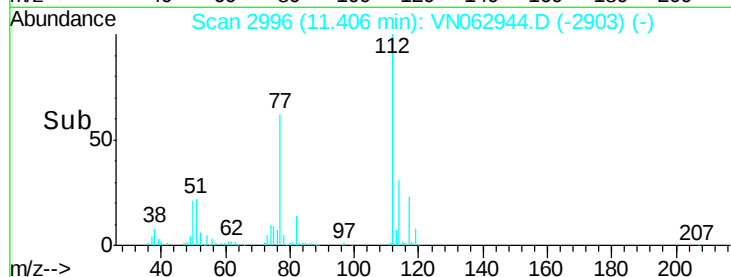
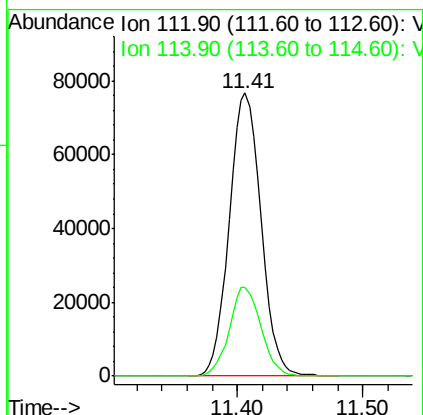
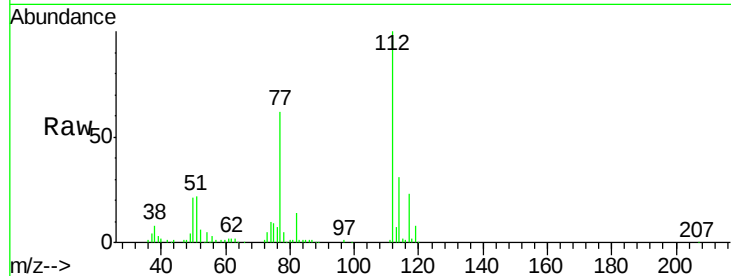




#65
Chlorobenzene
Concen: 17.866 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062944.D
Acq: 14 Aug 2020 19:43

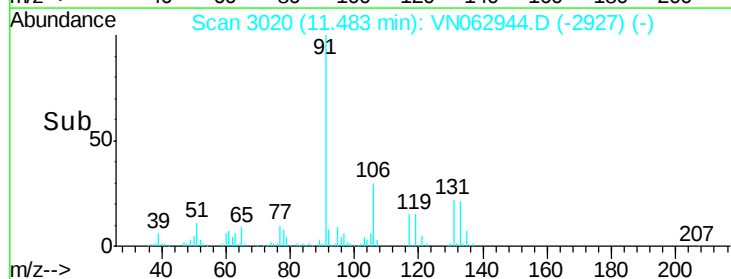
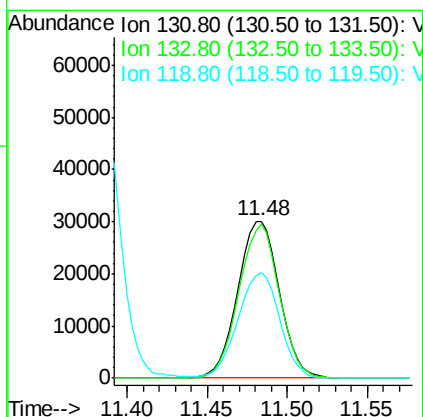
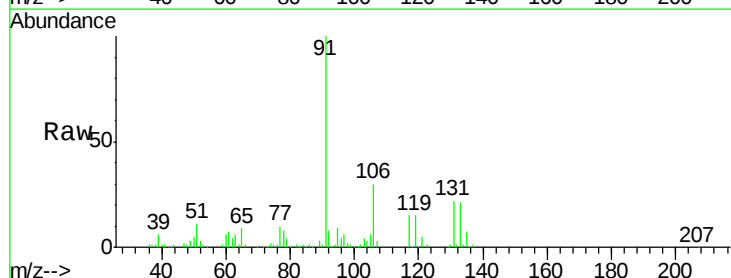
Instrument :
MSVOA_N
ClientSampleId :
VN0814WBS02

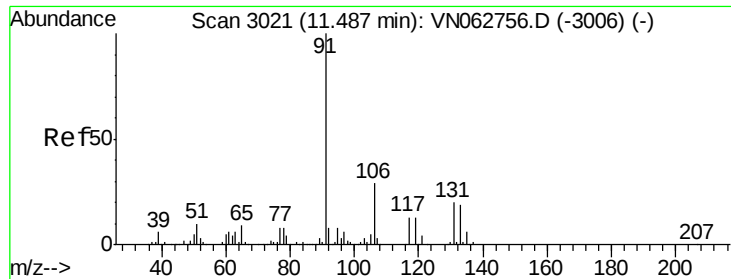
Tgt Ion:112 Resp: 135085
Ion Ratio Lower Upper
112 100
114 31.4 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 17.525 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062944.D
Acq: 14 Aug 2020 19:43

Tgt Ion:131 Resp: 53211
Ion Ratio Lower Upper
131 100
133 95.4 48.6 145.8
119 67.5 32.2 96.6

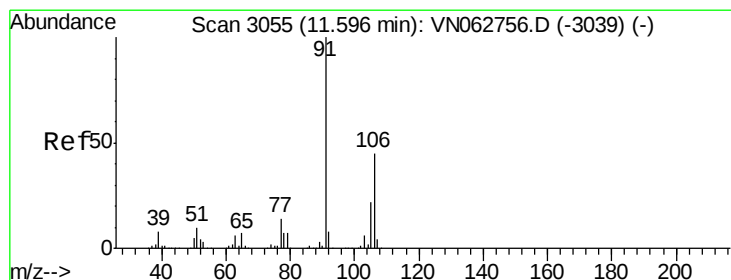
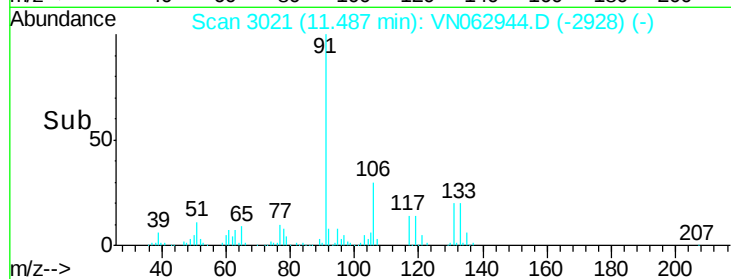
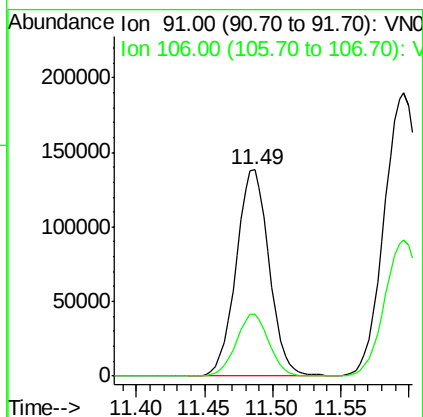
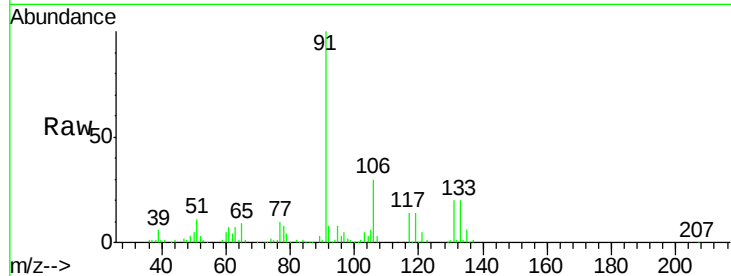




#67
Ethyl Benzene
Concen: 17.182 ug/l
RT: 11.49 min Scan# 3021
Delta R.T. -0.00 min
Lab File: VN062944.D
Acq: 14 Aug 2020 19:43

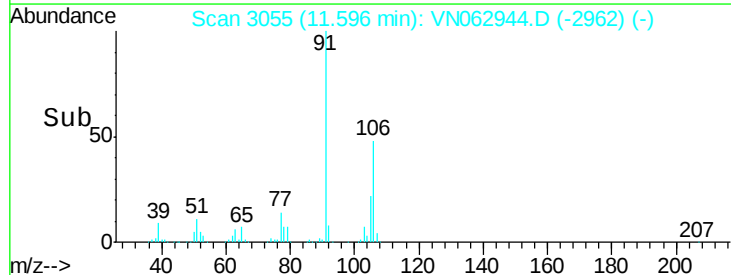
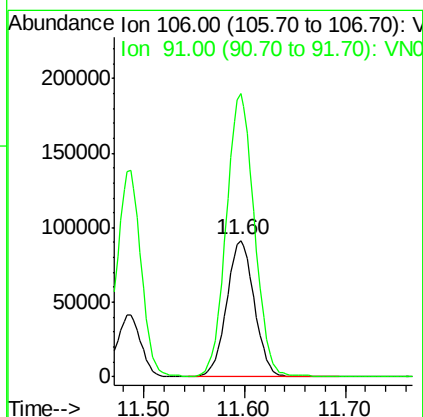
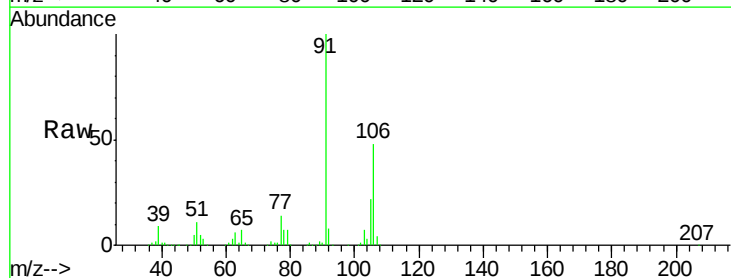
Instrument :
MSVOA_N
ClientSampled :
VN0814WBS02

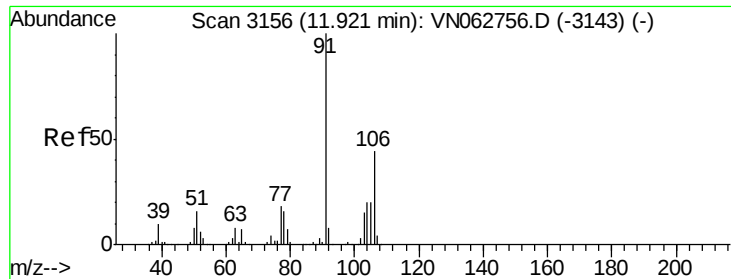
Tgt Ion: 91 Resp: 232484
Ion Ratio Lower Upper
91 100
106 30.3 23.2 34.8



#68
m/p-Xylenes
Concen: 35.592 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. -0.00 min
Lab File: VN062944.D
Acq: 14 Aug 2020 19:43

Tgt Ion: 106 Resp: 174815
Ion Ratio Lower Upper
106 100
91 210.3 175.9 263.9

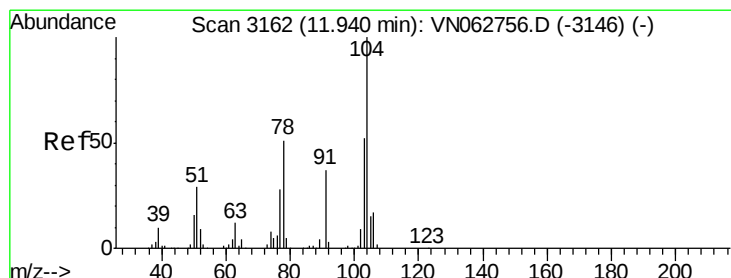
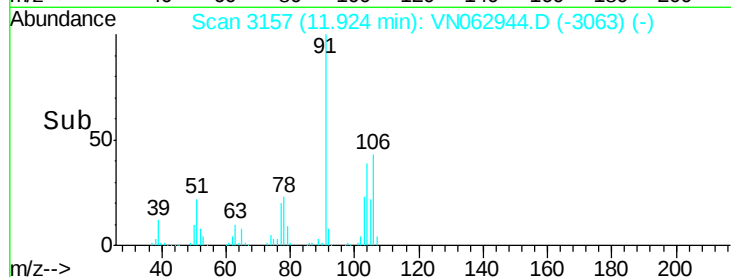
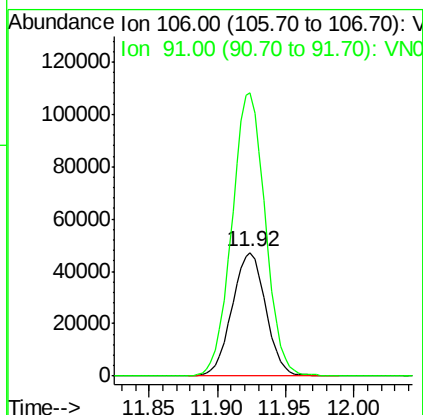
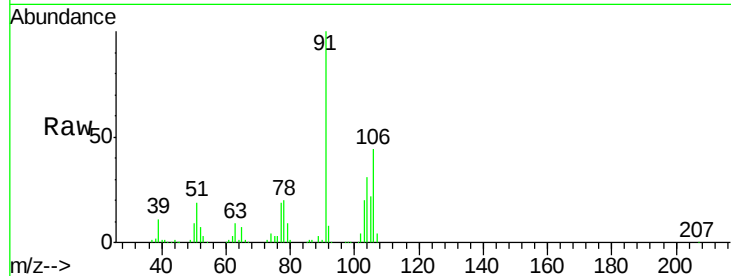




#69
o-Xylene
Concen: 17.576 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VN062944.D
Acq: 14 Aug 2020 19:43

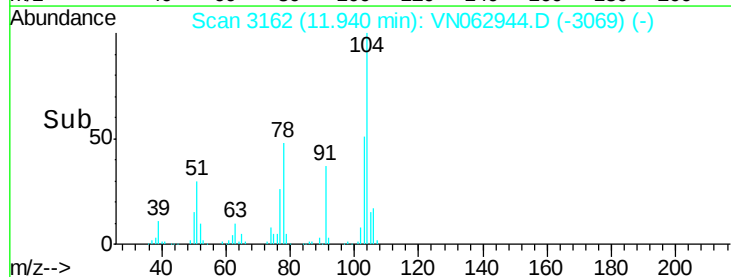
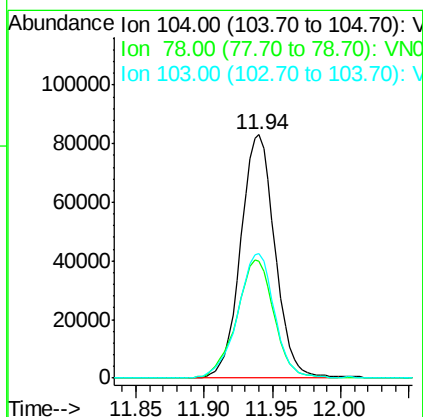
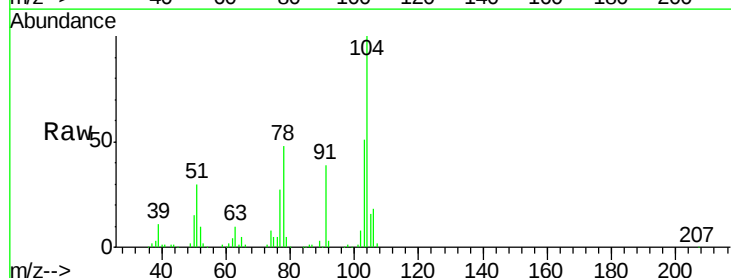
Instrument :
MSVOA_N
ClientSampleId :
VN0814WBS02

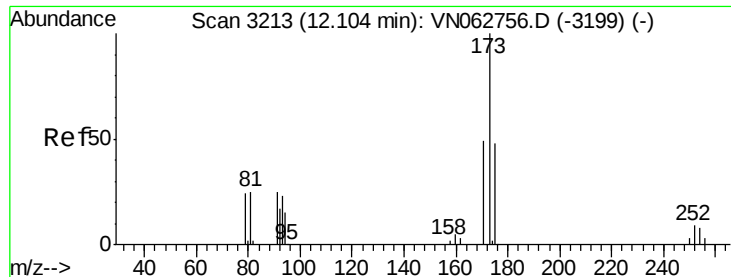
Tgt Ion:106 Resp: 80901
Ion Ratio Lower Upper
106 100
91 227.0 115.8 347.4



#70
Styrene
Concen: 17.937 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN062944.D
Acq: 14 Aug 2020 19:43

Tgt Ion:104 Resp: 145124
Ion Ratio Lower Upper
104 100
78 53.2 45.9 68.9
103 54.6 45.1 67.7

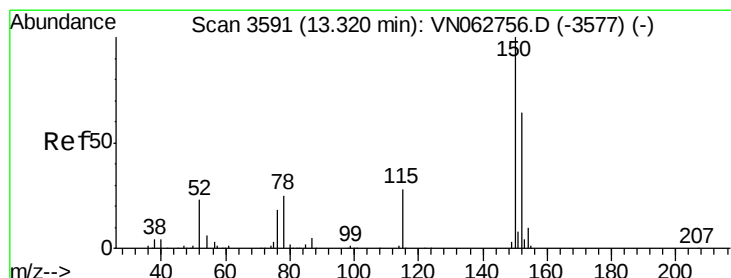
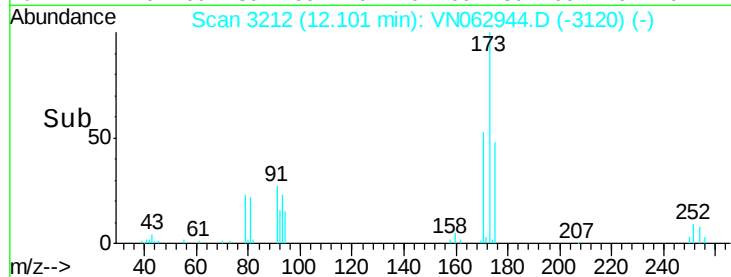
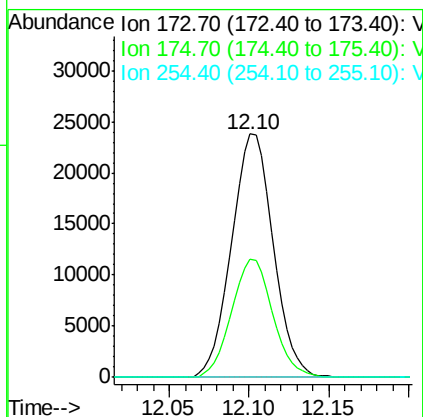
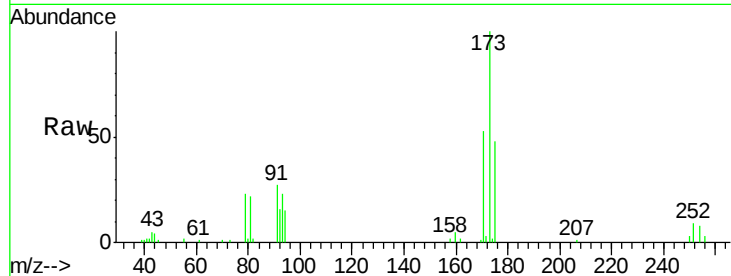




#71
Bromoform
Concen: 17.027 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. -0.00 min
Lab File: VN062944.D
Acq: 14 Aug 2020 19:43

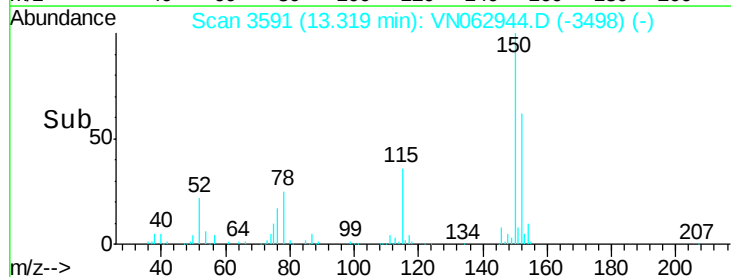
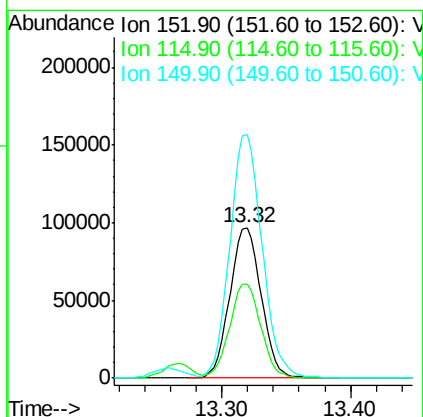
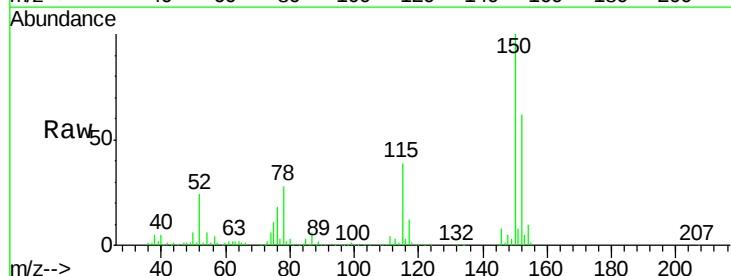
Instrument :
MSVOA_N
ClientSampleId :
VN0814WBS02

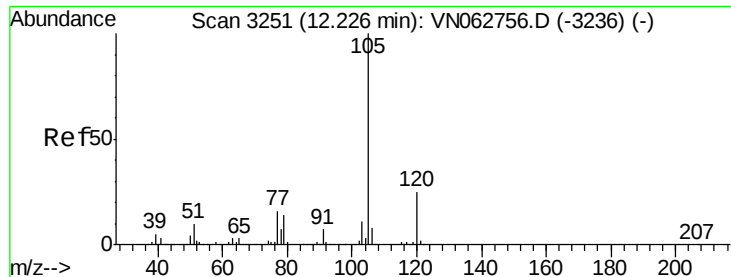
Tgt Ion:173 Resp: 42301
Ion Ratio Lower Upper
173 100
175 47.6 24.0 72.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. -0.00 min
Lab File: VN062944.D
Acq: 14 Aug 2020 19:43

Tgt Ion:152 Resp: 163698
Ion Ratio Lower Upper
152 100
115 62.6 31.6 94.8
150 165.5 0.0 349.2





#73

Isopropylbenzene

Concen: 18.473 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062944.D

Acq: 14 Aug 2020 19:43

Instrument :

MSVOA_N

ClientSampleId :

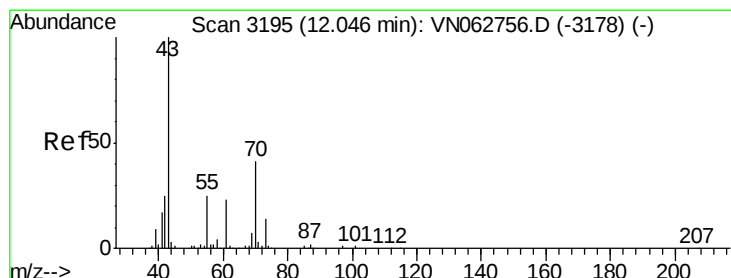
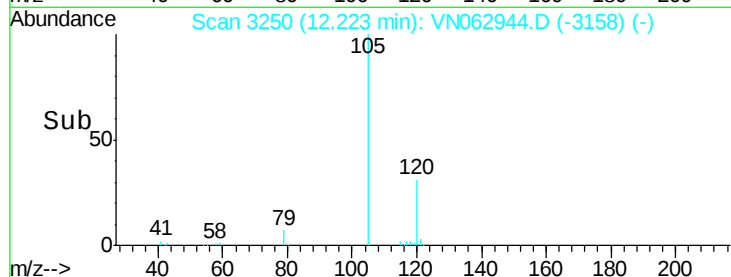
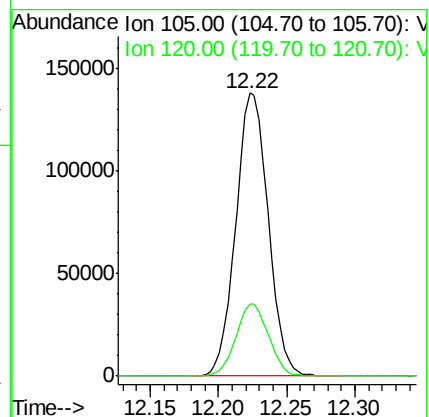
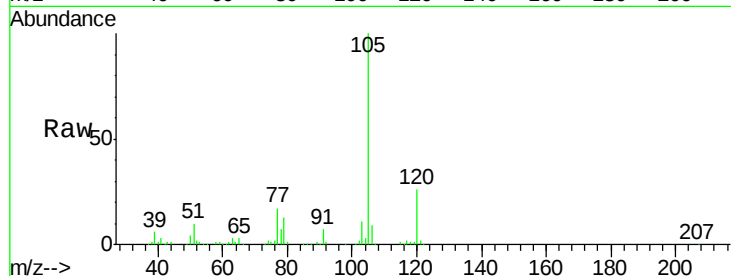
VN0814WBS02

Tgt Ion: 105 Resp: 227705

Ion Ratio Lower Upper

105 100

120 25.6 12.6 37.8



#74

N-ethyl acetate

Concen: 20.345 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN062944.D

Acq: 14 Aug 2020 19:43

Tgt Ion: 43 Resp: 101626

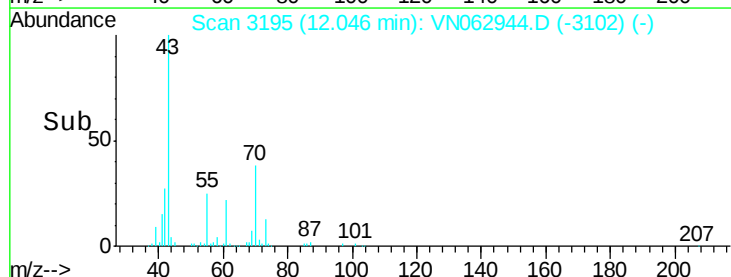
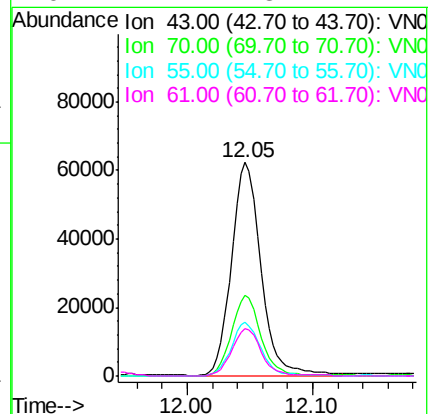
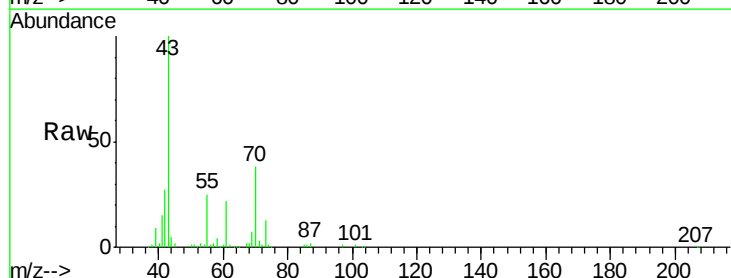
Ion Ratio Lower Upper

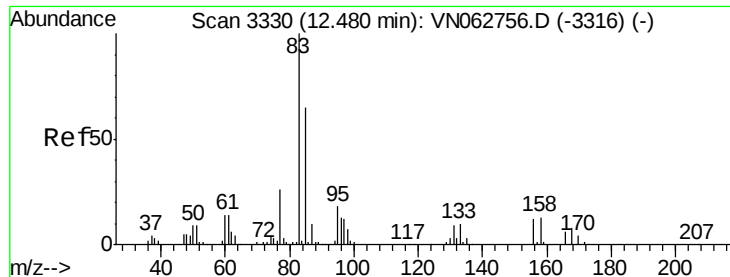
43 100

70 37.4 32.3 48.5

55 25.5 20.2 30.2

61 22.2 18.2 27.4





#75

1,1,2,2-Tetrachloroethane

Concen: 20.385 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VN062944.D

Acq: 14 Aug 2020 19:43

Instrument :

MSVOA_N

ClientSampleId :

VN0814WBS02

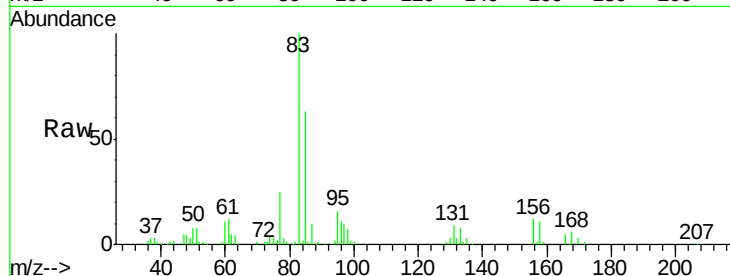
Tgt Ion: 83 Resp: 88456

Ion Ratio Lower Upper

83 100

131 9.7 5.1 15.4

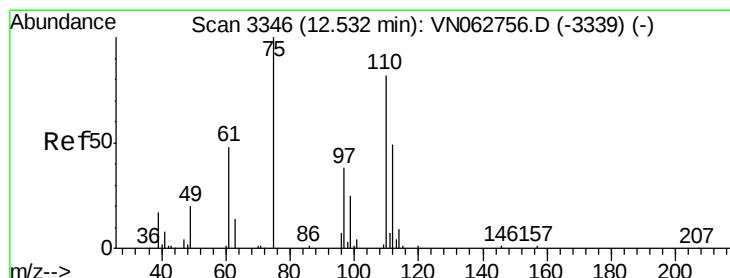
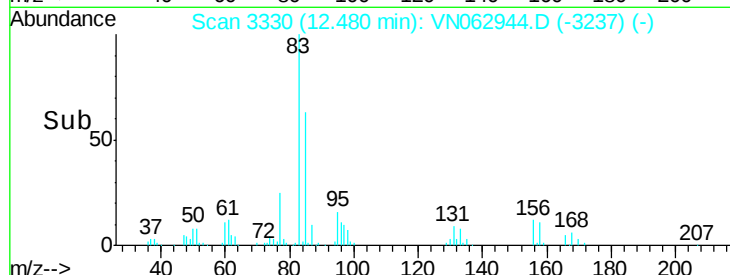
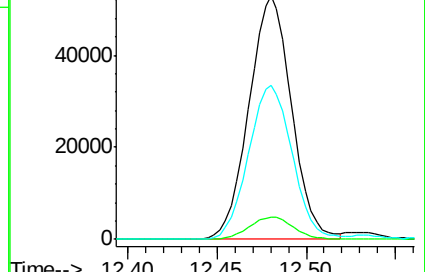
85 64.9 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VN062944.D (-3237) (-)

Ion 130.80 (130.50 to 131.50): VN062944.D (-3237) (-)

Ion 84.90 (84.60 to 85.60): VN062944.D (-3237) (-)



#76

1,2,3-Trichloropropane

Concen: 24.698 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062944.D

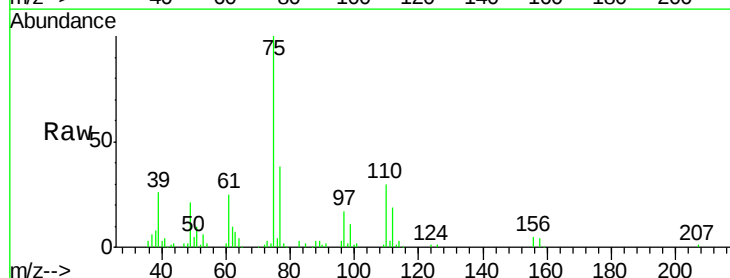
Acq: 14 Aug 2020 19:43

Tgt Ion: 75 Resp: 109034

Ion Ratio Lower Upper

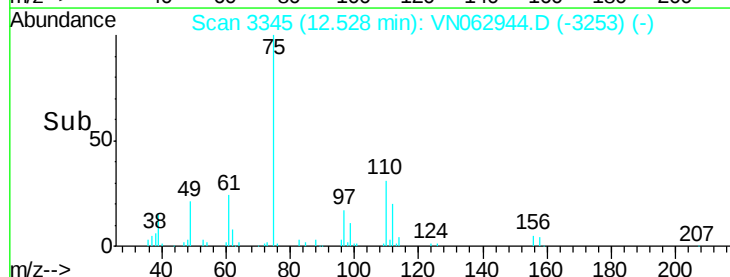
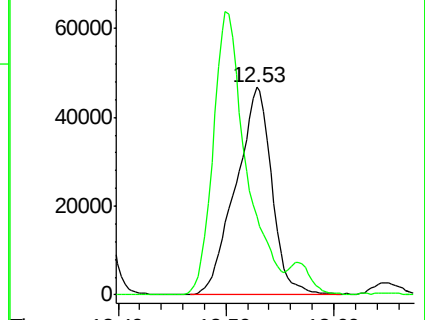
75 100

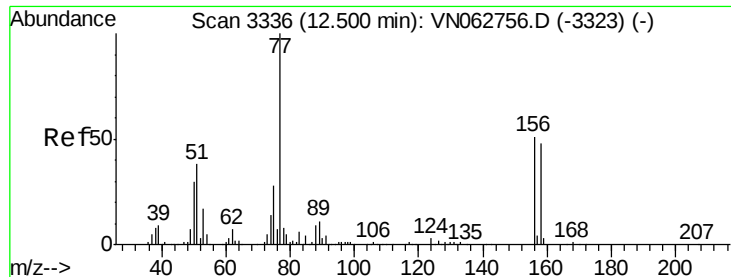
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN062944.D (-3253) (-)

Ion 77.00 (76.70 to 77.70): VN062944.D (-3253) (-)





#77

Bromobenzene

Concen: 19.161 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062944.D

Acq: 14 Aug 2020 19:43

Instrument :

MSVOA_N

ClientSampleId :

VN0814WBS02

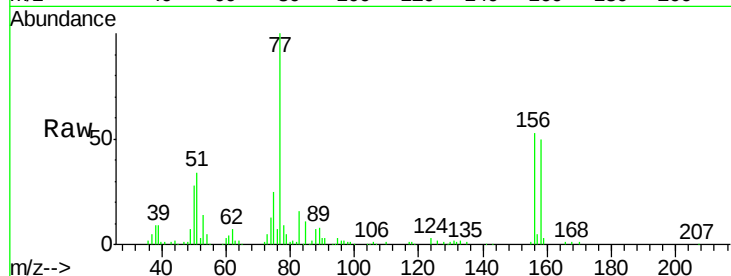
Tgt Ion:156 Resp: 58684

Ion Ratio Lower Upper

156 100

77 231.5 119.7 359.1

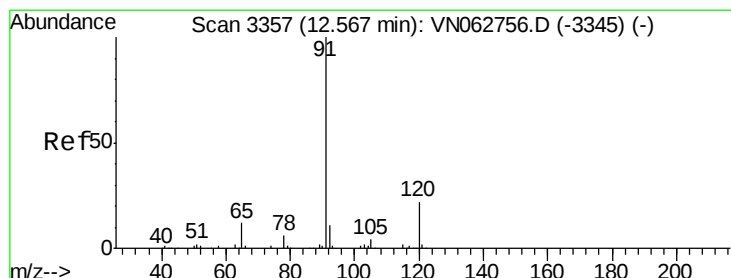
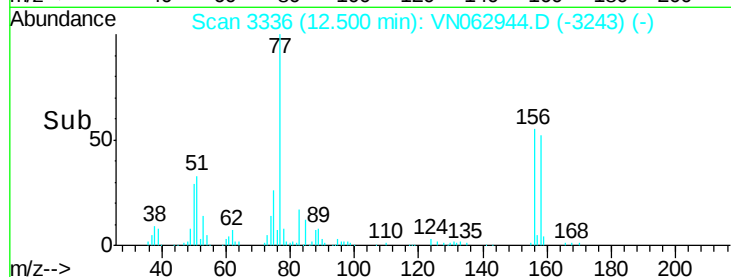
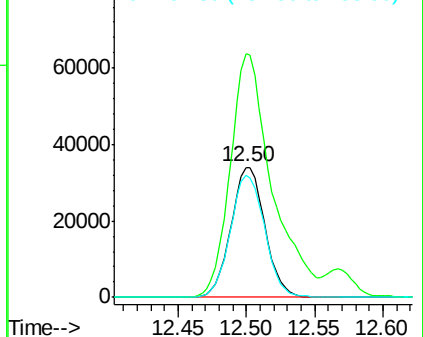
158 95.1 48.1 144.3



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.592 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062944.D

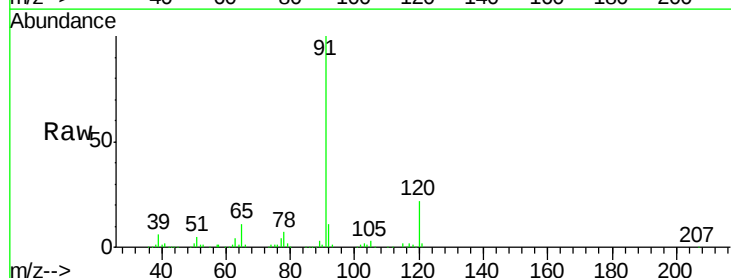
Acq: 14 Aug 2020 19:43

Tgt Ion: 91 Resp: 269015

Ion Ratio Lower Upper

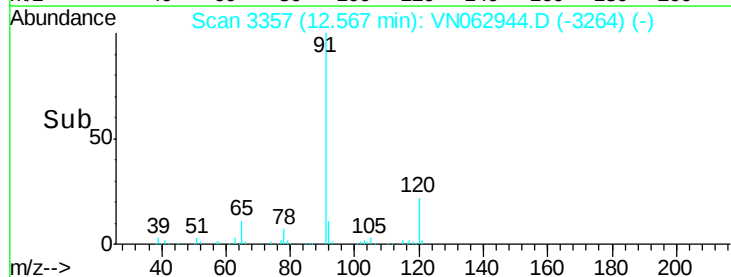
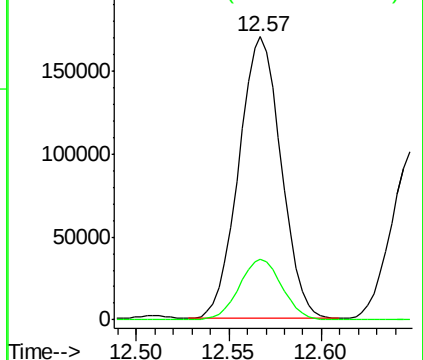
91 100

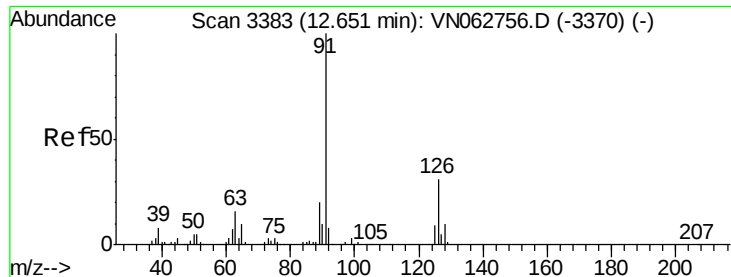
120 21.8 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.564 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. -0.00 min

Lab File: VN062944.D

Acq: 14 Aug 2020 19:43

Instrument :

MSVOA_N

ClientSampleId :

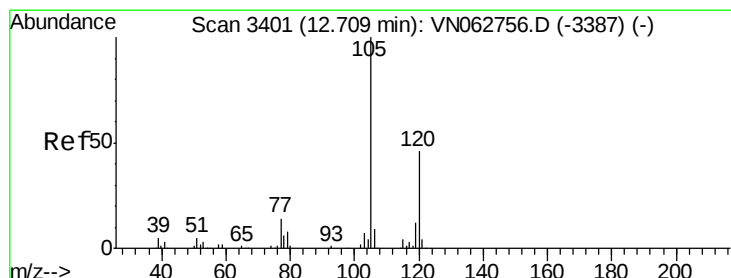
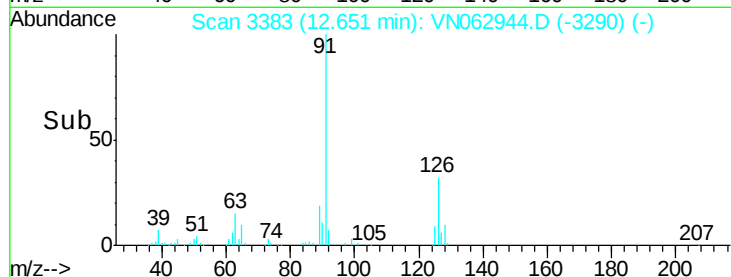
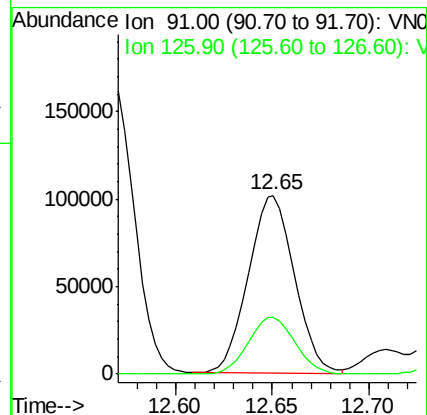
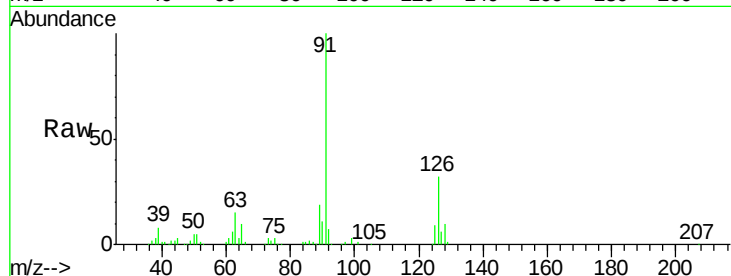
VN0814WBS02

Tgt Ion: 91 Resp: 168442

Ion Ratio Lower Upper

91 100

126 32.5 15.6 46.7



#80

1,3,5-Trimethylbenzene

Concen: 18.369 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062944.D

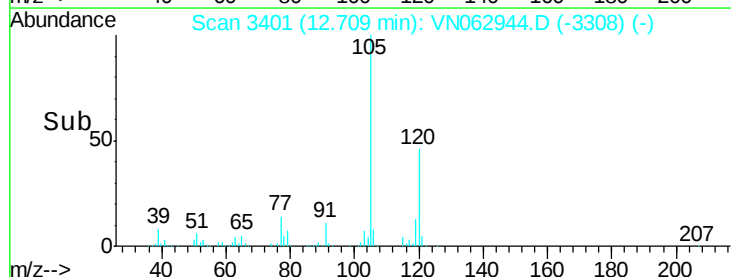
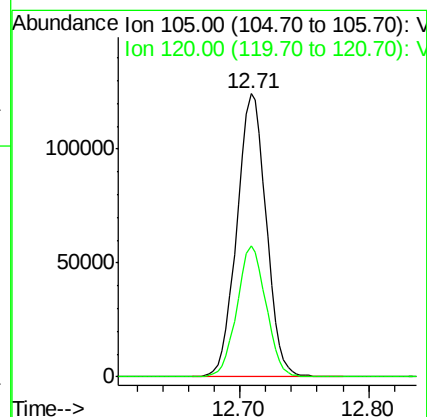
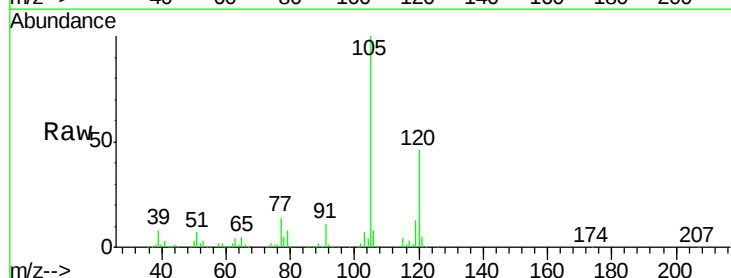
Acq: 14 Aug 2020 19:43

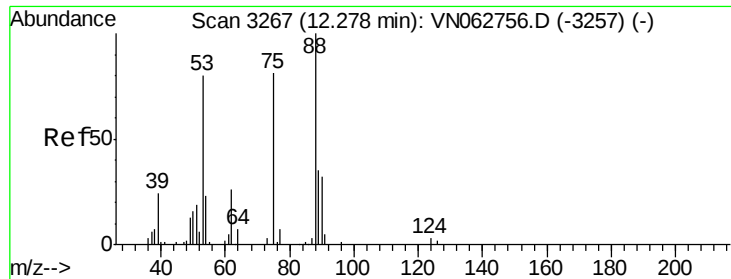
Tgt Ion: 105 Resp: 196430

Ion Ratio Lower Upper

105 100

120 45.8 22.9 68.5





#81

trans-1,4-Dichloro-2-butene

Concen: 18.132 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062944.D

Acq: 14 Aug 2020 19:43

Instrument :

MSVOA_N

ClientSampleId :

VN0814WBS02

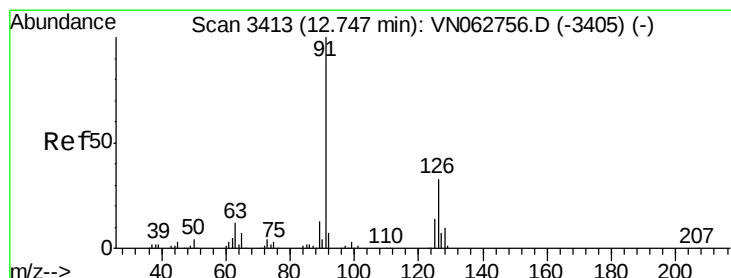
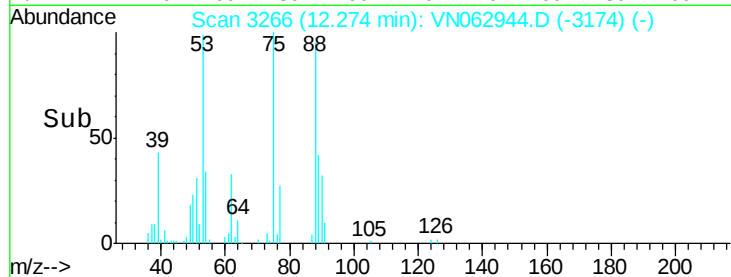
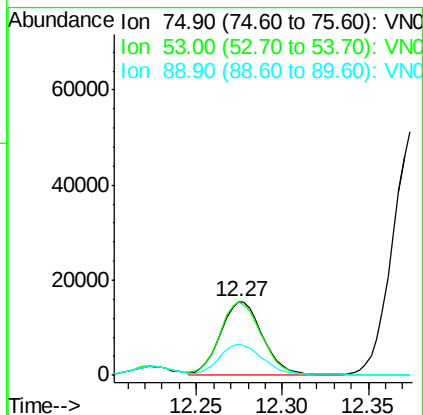
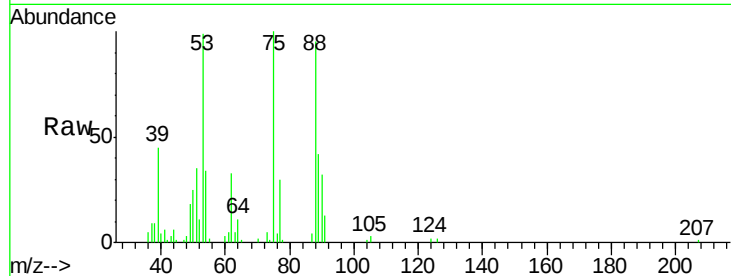
Tgt Ion: 75 Resp: 26222

Ion Ratio Lower Upper

75 100

53 100.9 79.1 118.7

89 43.9 36.2 54.2



#82

4-Chlorotoluene

Concen: 18.263 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062944.D

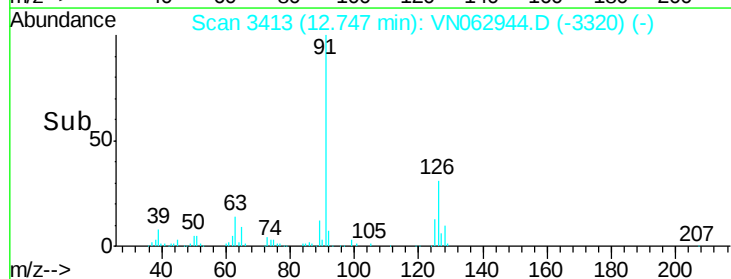
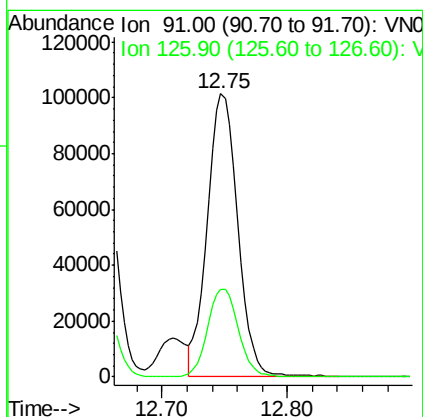
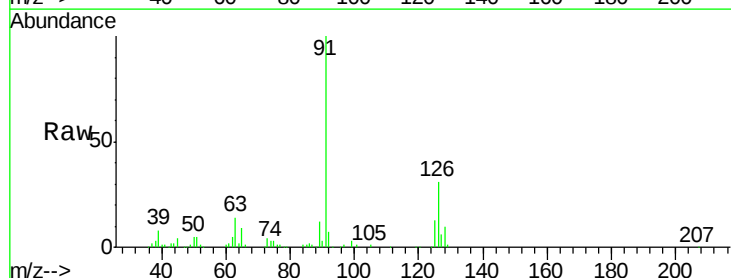
Acq: 14 Aug 2020 19:43

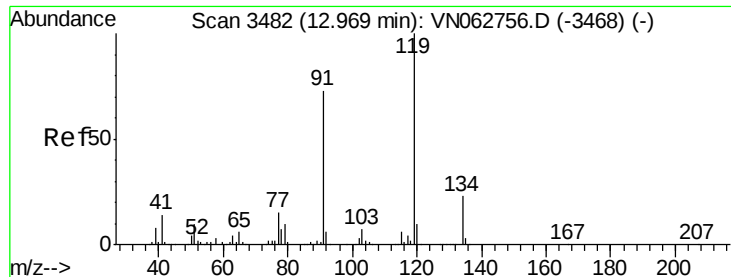
Tgt Ion: 91 Resp: 170771

Ion Ratio Lower Upper

91 100

126 31.8 15.3 45.9

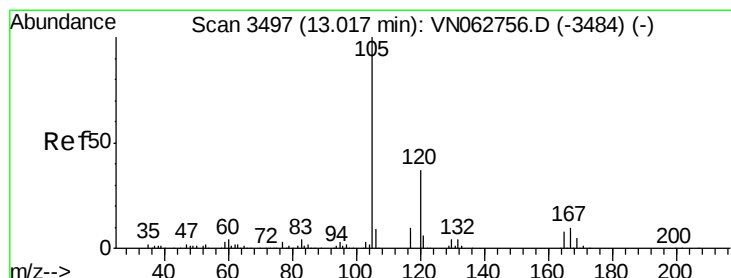
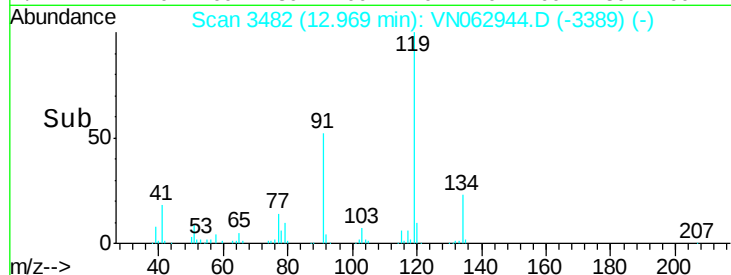
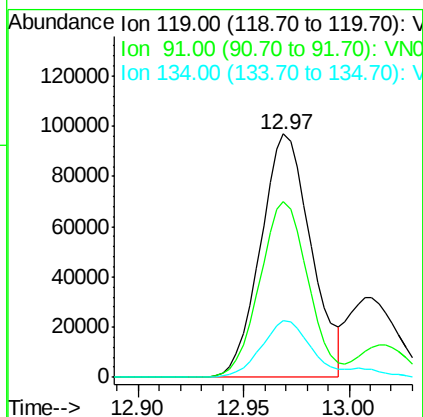
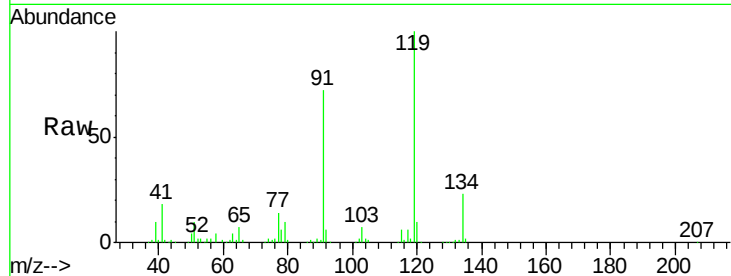




#83
 tert-Butylbenzene
 Concen: 17.879 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062944.D
 Acq: 14 Aug 2020 19:43

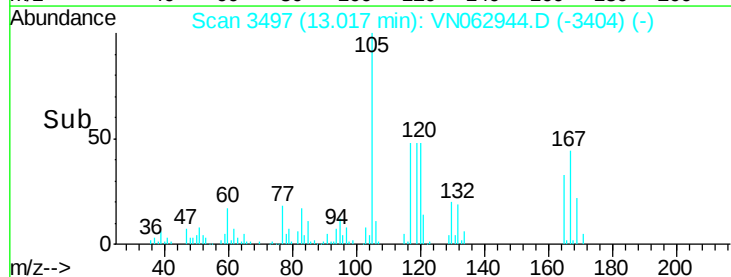
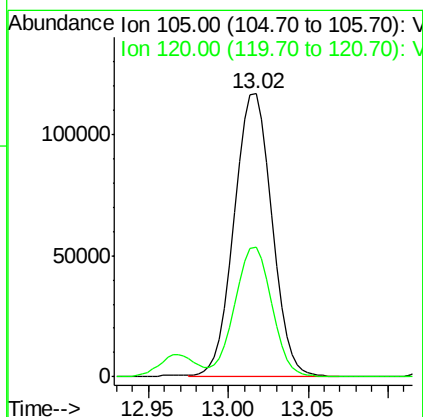
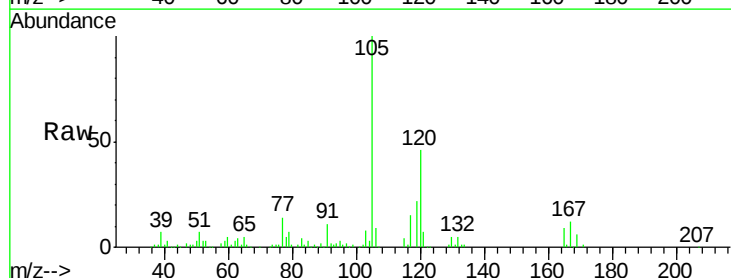
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0814WBS02

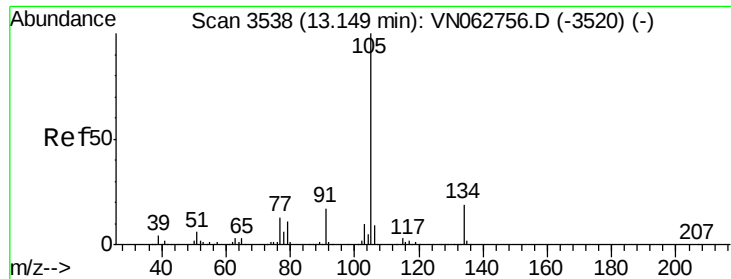
Tgt Ion:119 Resp: 161781
 Ion Ratio Lower Upper
 119 100
 91 69.5 36.5 109.5
 134 22.8 11.3 33.8



#84
 1,2,4-Trimethylbenzene
 Concen: 18.272 ug/l
 RT: 13.02 min Scan# 3497
 Delta R.T. -0.00 min
 Lab File: VN062944.D
 Acq: 14 Aug 2020 19:43

Tgt Ion:105 Resp: 186928
 Ion Ratio Lower Upper
 105 100
 120 44.9 21.4 64.2

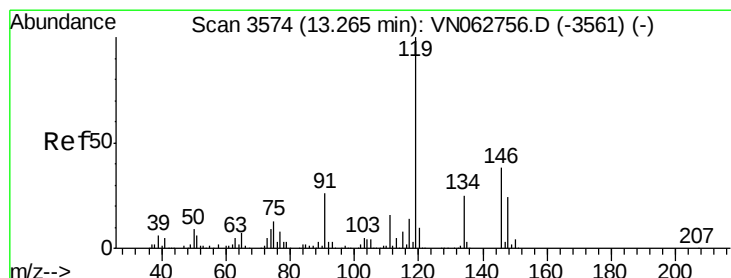
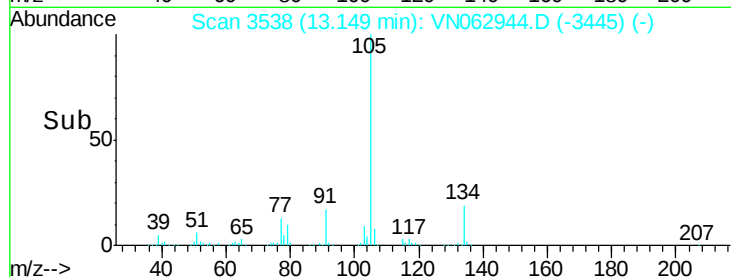
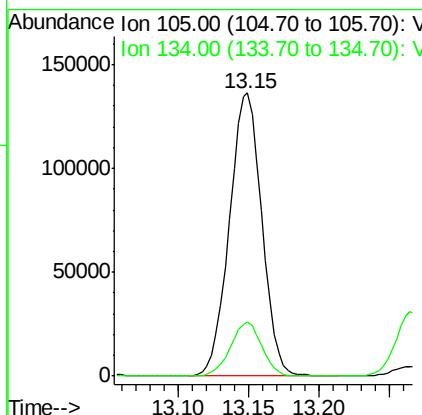
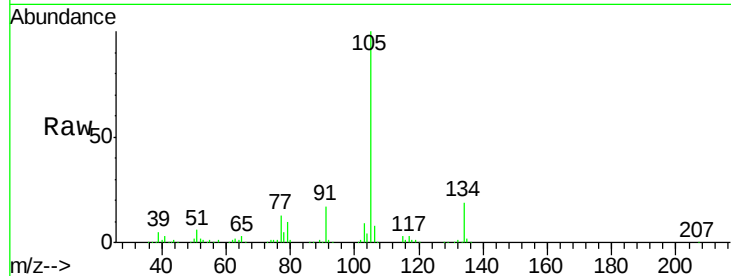




#85
 sec-Butylbenzene
 Concen: 18.367 ug/l
 RT: 13.15 min Scan# 3538
 Delta R.T. -0.00 min
 Lab File: VN062944.D
 Acq: 14 Aug 2020 19:43

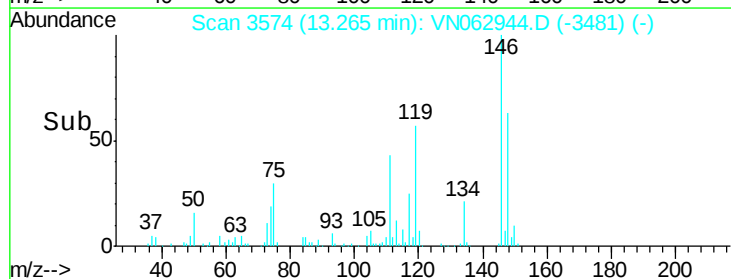
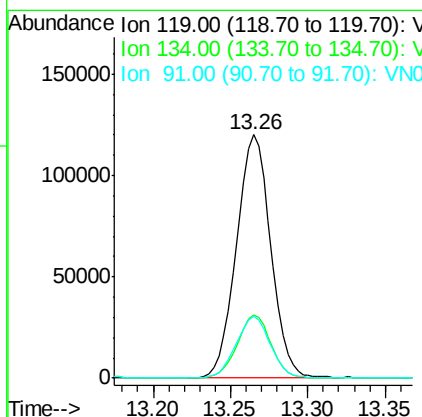
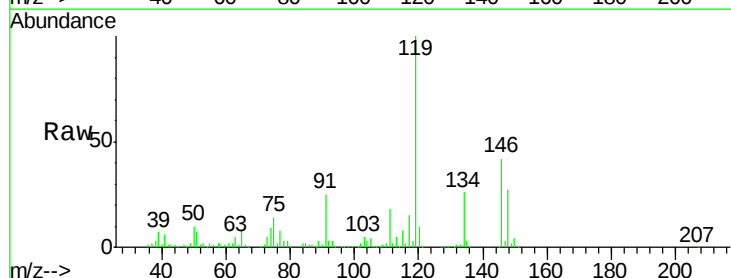
Instrument :
 MSVOA_N
 ClientSampled :
 VN0814WBS02

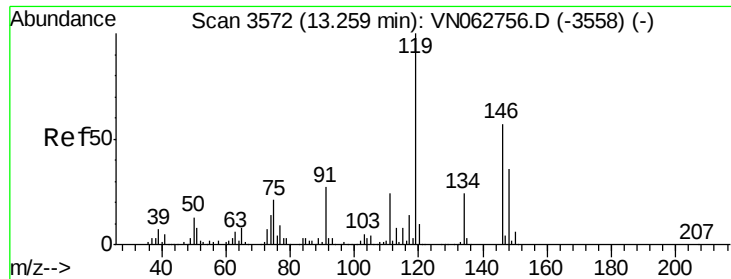
Tgt Ion:105 Resp: 218247
 Ion Ratio Lower Upper
 105 100
 134 18.7 9.6 28.6



#86
 p-Isopropyltoluene
 Concen: 17.573 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. -0.00 min
 Lab File: VN062944.D
 Acq: 14 Aug 2020 19:43

Tgt Ion:119 Resp: 185348
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.6 37.8
 91 25.0 13.4 40.2

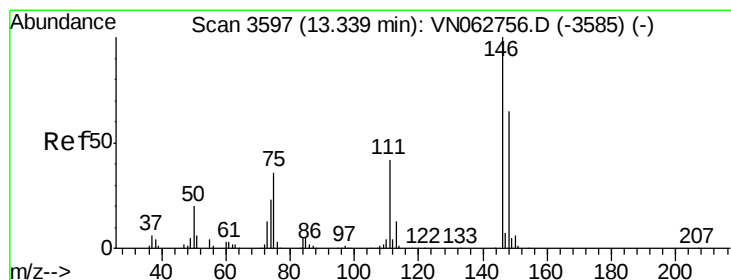
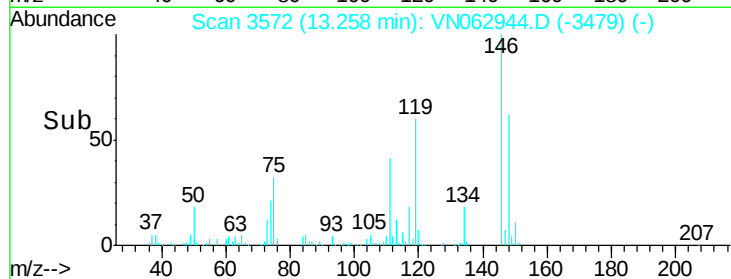
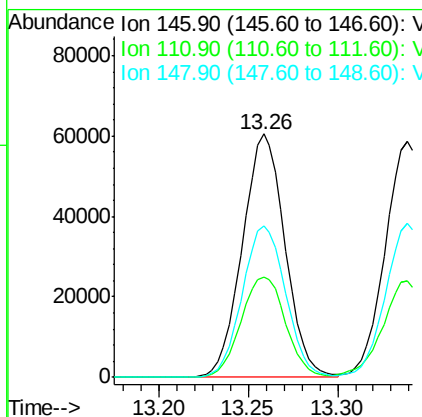
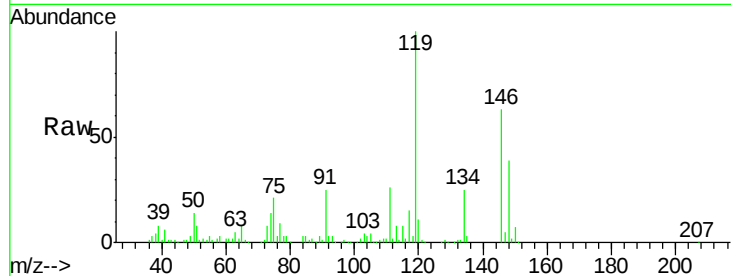




#87
 1,3-Dichlorobenzene
 Concen: 18.430 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062944.D
 Acq: 14 Aug 2020 19:43

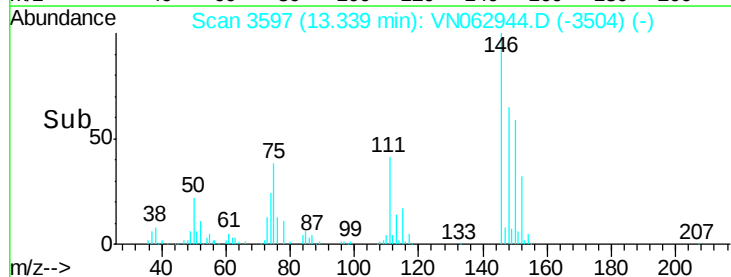
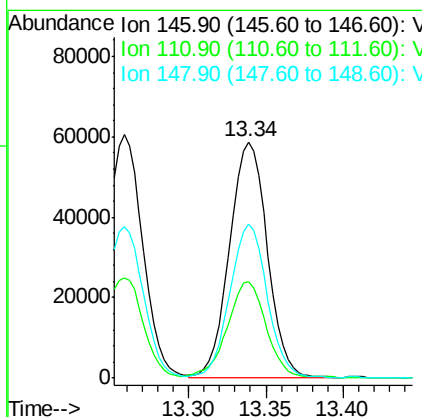
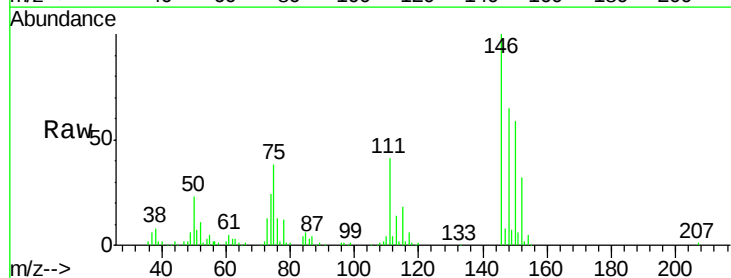
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0814WBS02

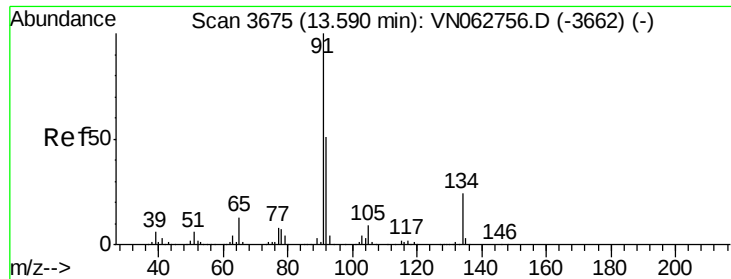
Tgt Ion:146 Resp: 100841
 Ion Ratio Lower Upper
 146 100
 111 43.0 21.7 65.1
 148 63.4 31.4 94.2



#88
 1,4-Dichlorobenzene
 Concen: 18.064 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062944.D
 Acq: 14 Aug 2020 19:43

Tgt Ion:146 Resp: 99132
 Ion Ratio Lower Upper
 146 100
 111 42.8 21.6 64.6
 148 64.3 32.6 97.8





#89

n-Butylbenzene

Concen: 16.585 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN062944.D

Acq: 14 Aug 2020 19:43

Instrument :

MSVOA_N

ClientSampleId :

VN0814WBS02

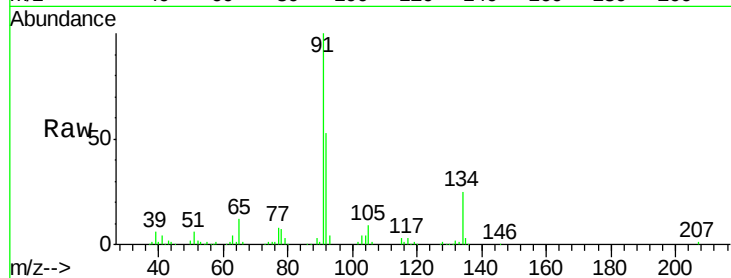
Tgt Ion: 91 Resp: 147945

Ion Ratio Lower Upper

91 100

92 50.0 25.7 77.0

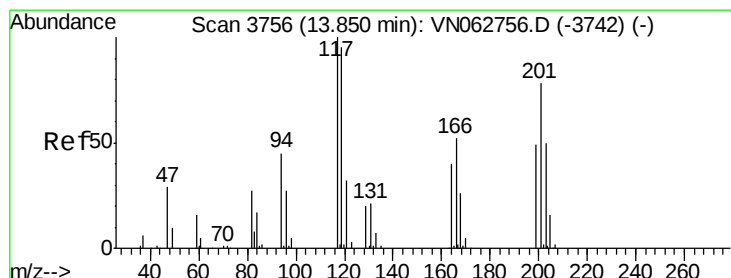
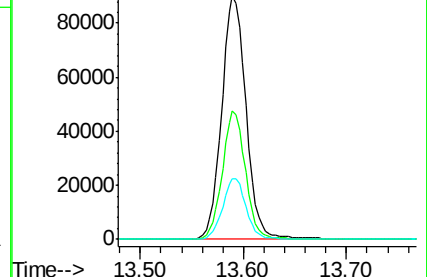
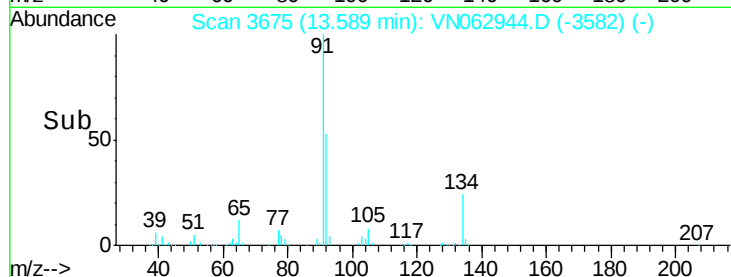
134 24.0 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VN062756.D (-3662) (-)

Ion 92.00 (91.70 to 92.70): VN062756.D (-3662) (-)

Ion 134.00 (133.70 to 134.70): VN062756.D (-3662) (-)



#90

Hexachloroethane

Concen: 17.758 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. -0.00 min

Lab File: VN062944.D

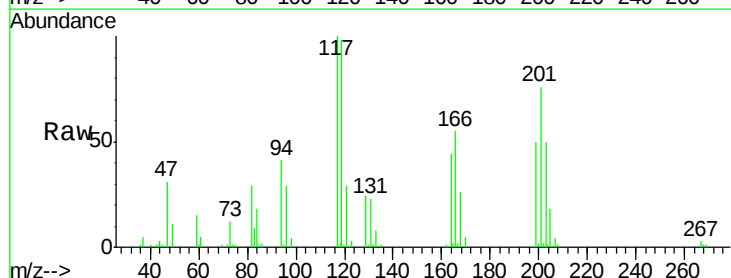
Acq: 14 Aug 2020 19:43

Tgt Ion: 117 Resp: 40374

Ion Ratio Lower Upper

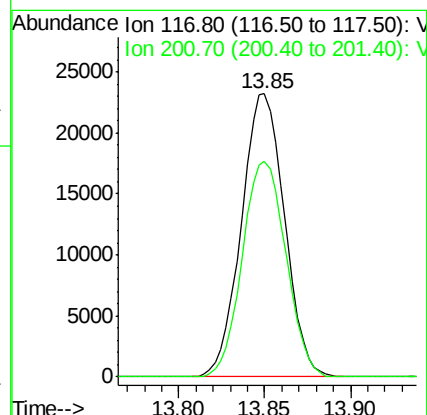
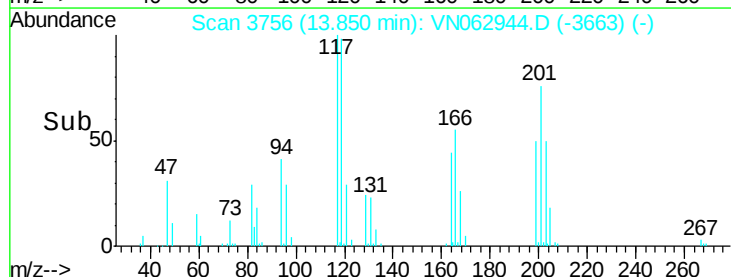
117 100

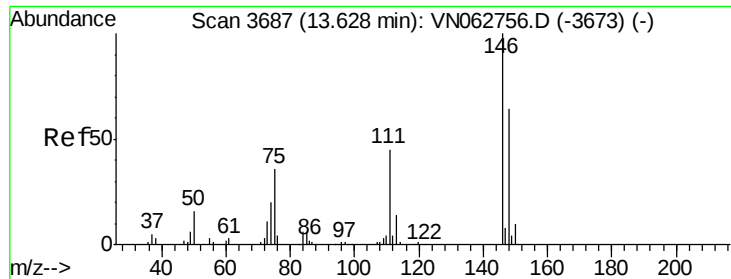
201 76.8 39.2 117.6



Abundance Ion 116.80 (116.50 to 117.50): VN062756.D (-3742) (-)

Ion 200.70 (200.40 to 201.40): VN062756.D (-3742) (-)

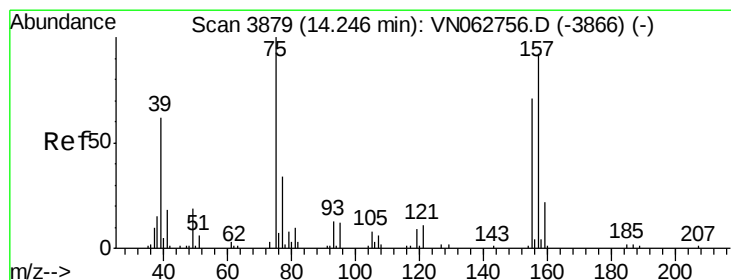
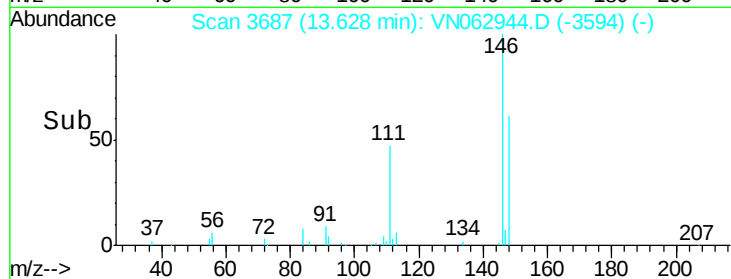
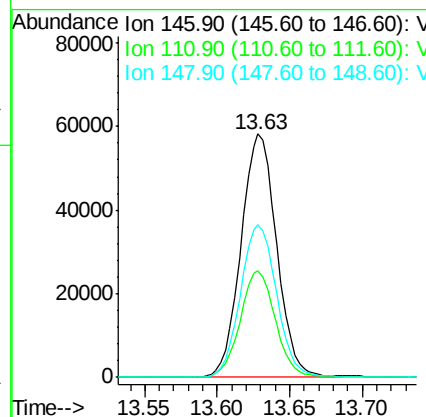
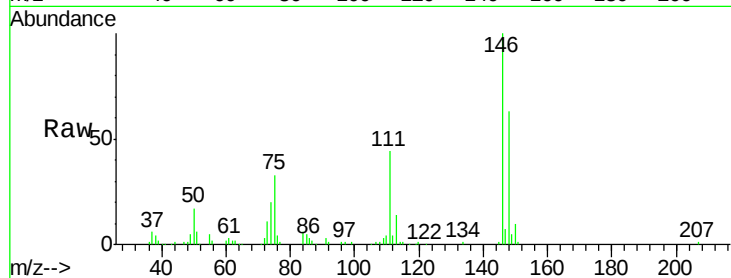




#91
 1,2-Dichlorobenzene
 Concen: 19.367 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062944.D
 Acq: 14 Aug 2020 19:43

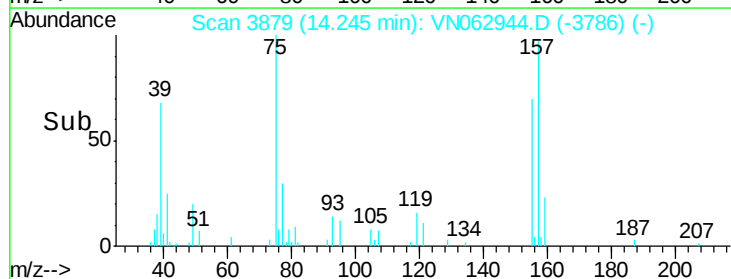
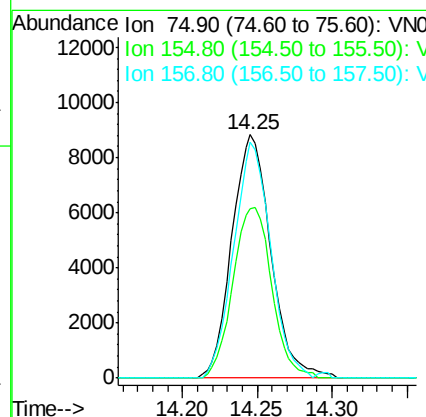
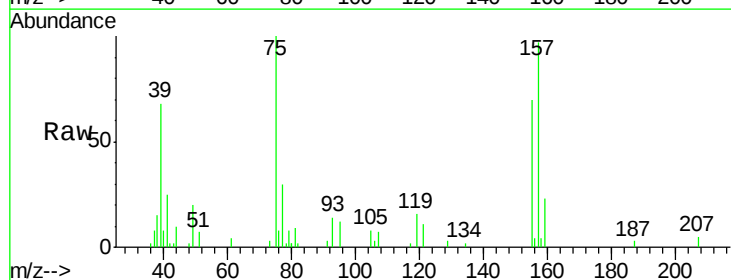
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0814WBS02

Tgt Ion: 146 Resp: 99344
 Ion Ratio Lower Upper
 146 100
 111 43.3 22.8 68.4
 148 63.7 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.234 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN062944.D
 Acq: 14 Aug 2020 19:43

Tgt Ion: 75 Resp: 16055
 Ion Ratio Lower Upper
 75 100
 155 69.5 35.0 105.1
 157 91.9 43.2 129.6

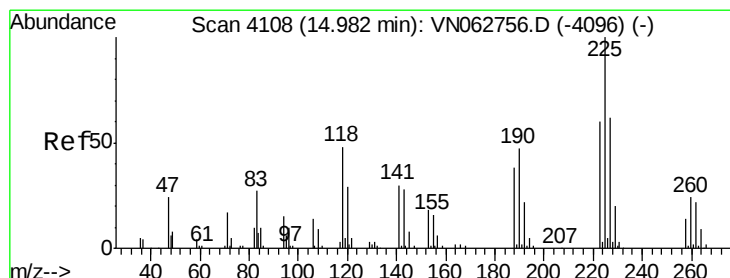
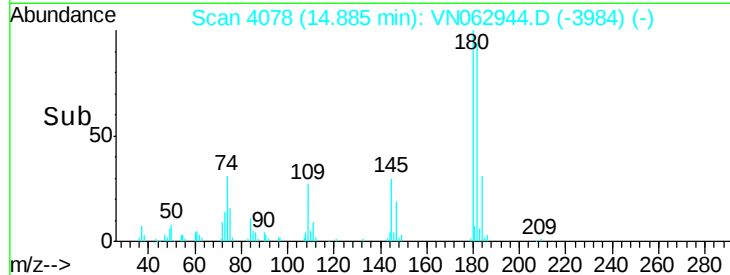
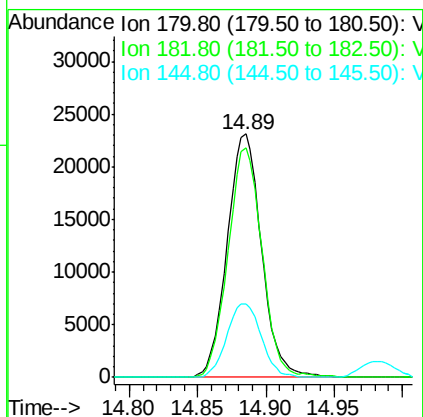
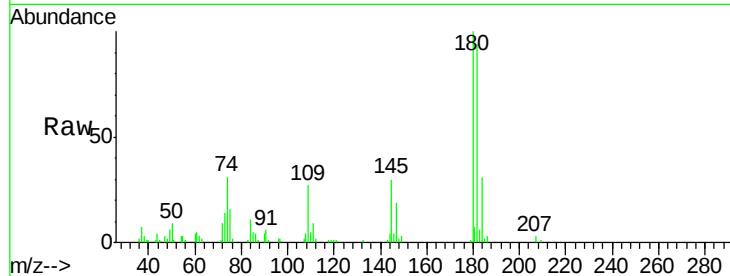




#93
 1,2,4-Trichlorobenzene
 Concen: 17.027 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN062944.D
 Acq: 14 Aug 2020 19:43

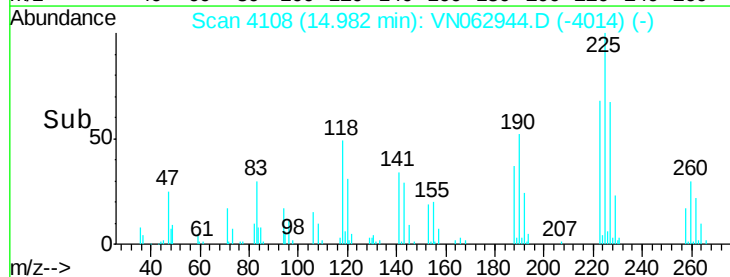
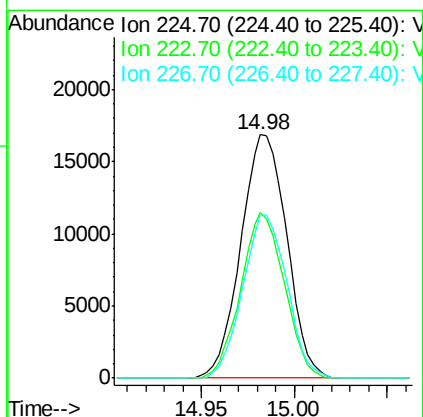
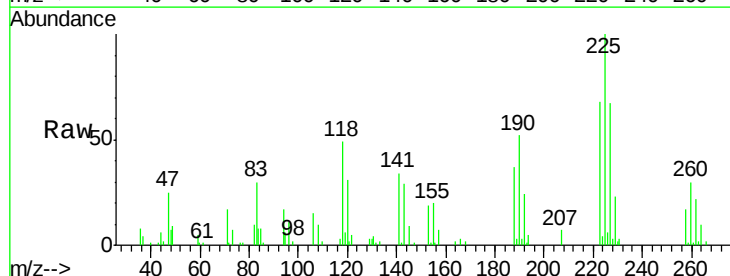
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0814WBS02

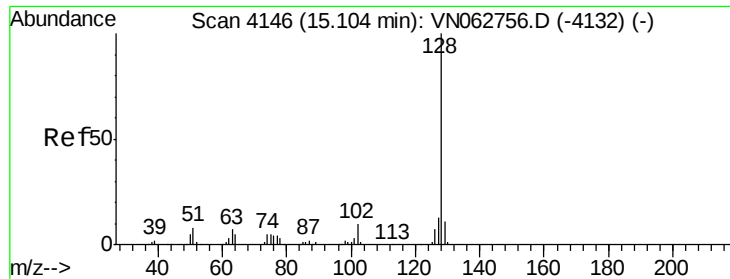
Tgt Ion:180 Resp: 40443
 Ion Ratio Lower Upper
 180 100
 182 93.5 49.1 147.4
 145 30.2 16.3 48.8



#94
 Hexachlorobutadiene
 Concen: 16.961 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN062944.D
 Acq: 14 Aug 2020 19:43

Tgt Ion:225 Resp: 29035
 Ion Ratio Lower Upper
 225 100
 223 64.5 30.6 92.0
 227 64.5 31.6 95.0

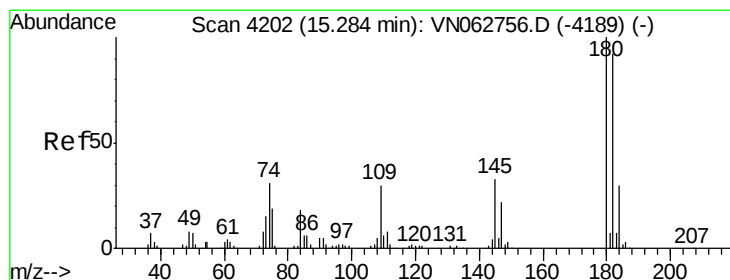
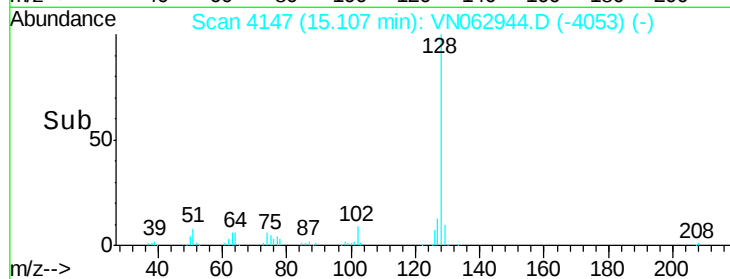
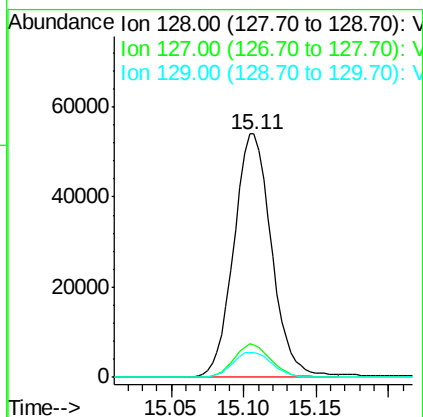
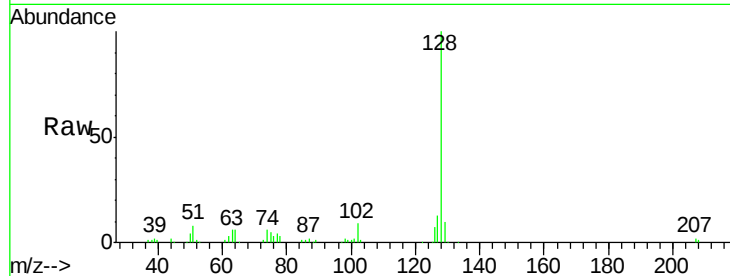




#95
Naphthalene
Concen: 15.767 ug/l
RT: 15.11 min Scan# 4147
Delta R.T. 0.00 min
Lab File: VN062944.D
Acq: 14 Aug 2020 19:43

Instrument :
MSVOA_N
ClientSampleId :
VN0814WBS02

Tgt Ion:128 Resp: 98018
Ion Ratio Lower Upper
128 100
127 13.3 10.8 16.2
129 10.6 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 16.613 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062944.D
Acq: 14 Aug 2020 19:43

Tgt Ion:180 Resp: 39851
Ion Ratio Lower Upper
180 100
182 97.7 47.9 143.6
145 33.7 17.3 51.7

