

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081420\
 Data File : VN062945.D
 Acq On : 14 Aug 2020 20:07
 Operator : JC/MD
 Sample : VN0814WBSD02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0814WBSD02

Quant Time: Aug 17 09:30:25 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	250266	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	414066	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	395879	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	179409	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	172694	41.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.46%	
35) Dibromofluoromethane	7.55	113	126252	44.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.14%	
50) Toluene-d8	10.06	98	472951	42.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.54%	
62) 4-Bromofluorobenzene	12.38	95	171260	40.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.96%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	59215	16.523	ug/l	98
3) Chloromethane	2.03	50	74897	22.147	ug/l	98
4) Vinyl Chloride	2.16	62	68439	21.577	ug/l	100
5) Bromomethane	2.51	94	35955	17.124	ug/l	98
6) Chloroethane	2.65	64	40321	19.323	ug/l	95
7) Trichlorofluoromethane	2.97	101	85172	15.059	ug/l	100
8) Diethyl Ether	3.37	74	29911	18.473	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	3.72	101	42502	18.071	ug/l	96
10) Methyl Iodide	3.91	142	47438	17.304	ug/l	92
11) Tert butyl alcohol	4.74	59	56589	83.427	ug/l #	86
12) 1,1-Dichloroethene	3.69	96	39788	17.918	ug/l	93
13) Acrolein	3.57	56	33835	82.385	ug/l	99
14) Allyl chloride	4.27	41	82987	18.940	ug/l	92
15) Acrylonitrile	4.93	53	157806	100.305	ug/l	98
16) Acetone	3.78	43	138249	92.447	ug/l	99
17) Carbon Disulfide	4.00	76	106761	17.031	ug/l	98
18) Methyl Acetate	4.28	43	80488	22.126	ug/l	94
19) Methyl tert-butyl Ether	5.00	73	168633	17.392	ug/l	99
20) Methylene Chloride	4.51	84	55225	19.719	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	43033	17.183	ug/l	98
22) Diisopropyl ether	5.90	45	202256	21.684	ug/l	94
23) Vinyl Acetate	5.85	43	662493	93.378	ug/l	100
24) 1,1-Dichloroethane	5.80	63	103353	18.908	ug/l	98
25) 2-Butanone	6.79	43	211407	99.814	ug/l	94
26) 2,2-Dichloropropane	6.77	77	72915	14.471	ug/l	83
27) cis-1,2-Dichloroethene	6.78	96	53788	17.904	ug/l	97
28) Bromochloromethane	7.15	49	53107	20.131	ug/l	90
29) Tetrahydrofuran	7.17	42	141977	103.181	ug/l	93
30) Chloroform	7.33	83	101469	17.467	ug/l	95
31) Cyclohexane	7.61	56	88703	17.678	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	81651	15.721	ug/l	97
36) 1,1-Dichloropropene	7.75	75	64201	15.924	ug/l	98
37) Ethyl Acetate	6.88	43	77790	18.470	ug/l	98
38) Carbon Tetrachloride	7.73	117	67071	14.066	ug/l	97

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 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)
39) Methylcyclohexane	9.05	83	73745	15.199	ug/l	98
40) Benzene	8.00	78	211270	17.560	ug/l	98
41) Methacrylonitrile	7.17	41	127431	67.053	ug/l #	34
42) 1,2-Dichloroethane	8.08	62	81422	15.901	ug/l	99
43) Isopropyl Acetate	8.13	43	125869	17.918	ug/l	99
44) Trichloroethene	8.80	130	47665	16.262	ug/l	97
45) 1,2-Dichloropropane	9.08	63	61292	18.823	ug/l	98
46) Dibromomethane	9.17	93	37603	17.625	ug/l	97
47) Bromodichloromethane	9.37	83	80914	16.886	ug/l	99
48) Methyl methacrylate	9.17	41	63225	18.298	ug/l	93
49) 1,4-Dioxane	9.17	88	22134	345.713	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	446982	98.342	ug/l	97
52) Toluene	10.12	92	125961	16.957	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	84004	15.938	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	90620	17.124	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	56538	17.821	ug/l	97
56) Ethyl methacrylate	10.40	69	81511	17.069	ug/l	95
57) 1,3-Dichloropropane	10.68	76	97931	18.167	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	91994	68.154	ug/l	96
59) 2-Hexanone	10.72	43	321832	94.923	ug/l	97
60) Dibromochloromethane	10.88	129	60840	16.805	ug/l	99
61) 1,2-Dibromoethane	10.98	107	56210	17.955	ug/l	98
64) Tetrachloroethene	10.60	164	40759	15.957	ug/l	94
65) Chlorobenzene	11.41	112	136649	16.513	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	54175	16.302	ug/l	97
67) Ethyl Benzene	11.48	91	233163	15.745	ug/l	96
68) m/p-Xylenes	11.60	106	172596	32.108	ug/l	94
69) o-Xylene	11.92	106	82683	16.413	ug/l	97
70) Styrene	11.94	104	147751	16.686	ug/l	96
71) Bromoform	12.10	173	44217	16.262	ug/l #	98
73) Isopropylbenzene	12.22	105	225715	16.708	ug/l	100
74) N-amyl acetate	12.05	43	105281	19.231	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	91060	19.148	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	111380	23.020	ug/l #	100
77) Bromobenzene	12.50	156	61448	18.306	ug/l	95
78) n-propylbenzene	12.57	91	269205	16.976	ug/l	99
79) 2-Chlorotoluene	12.65	91	167405	16.834	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	196066	16.729	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	27294	17.221	ug/l	96
82) 4-Chlorotoluene	12.75	91	172312	16.814	ug/l	98
83) tert-Butylbenzene	12.97	119	159793	16.113	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	187226	16.698	ug/l	98
85) sec-Butylbenzene	13.15	105	217300	16.686	ug/l	100
86) p-Isopropyltoluene	13.26	119	183649	15.887	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	102082	17.023	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	102358	17.019	ug/l	99
89) n-Butylbenzene	13.59	91	151696	15.516	ug/l	97
90) Hexachloroethane	13.85	117	40565	16.280	ug/l	95
91) 1,2-Dichlorobenzene	13.63	146	98241	17.475	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.25	75	16915	16.568	ug/l	96

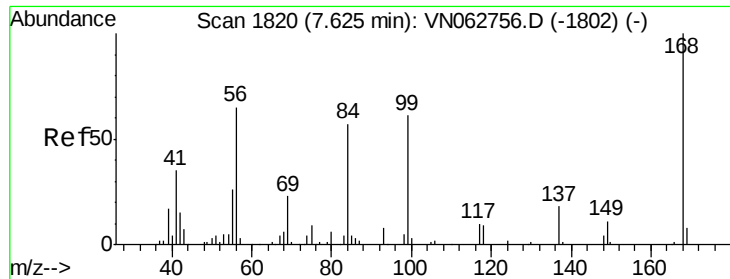
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081420\
Data File : VN062945.D
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Instrument :
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Quant Time: Aug 17 09:30:25 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
Quant Title : 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)
93) 1,2,4-Trichlorobenzene	14.89	180	42811	16.559	ug/l	95
94) Hexachlorobutadiene	14.98	225	29317	15.501	ug/l	98
95) Naphthalene	15.11	128	109899	16.045	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	44247	16.794	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: VN062945.D

Acq: 14 Aug 2020 20:07

Instrument :

MSVOA_N

ClientSampleId :

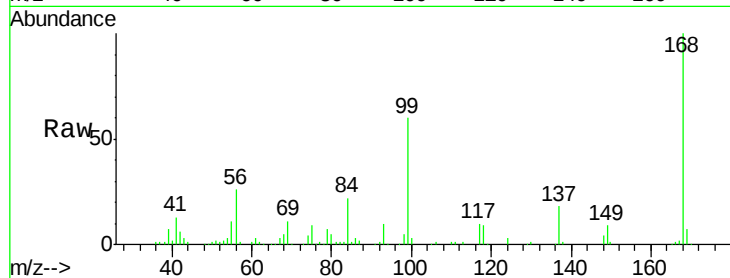
VN0814WBSD02

Tgt Ion:168 Resp: 250266

Ion Ratio Lower Upper

168 100

99 59.6 52.9 79.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.63

100000

80000

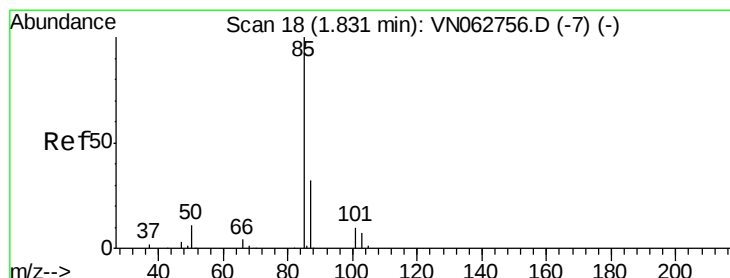
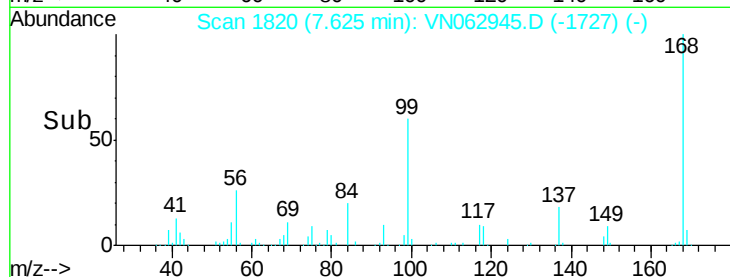
60000

40000

20000

0

Time--> 7.50 7.55 7.60 7.65 7.70



#2

Dichlorodifluoromethane

Concen: 16.523 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062945.D

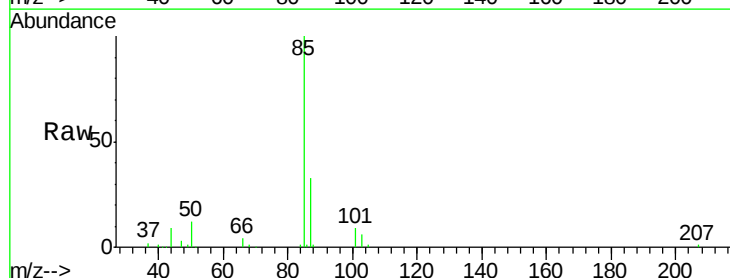
Acq: 14 Aug 2020 20:07

Tgt Ion: 85 Resp: 59215

Ion Ratio Lower Upper

85 100

87 33.3 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.83

50000

40000

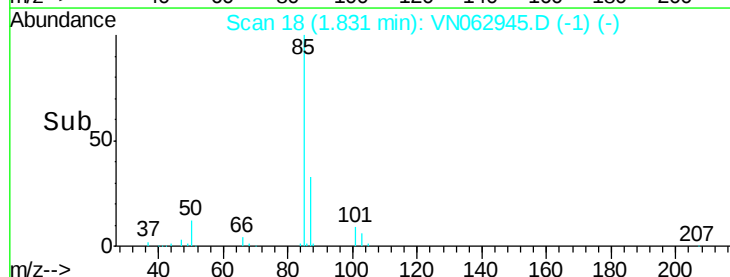
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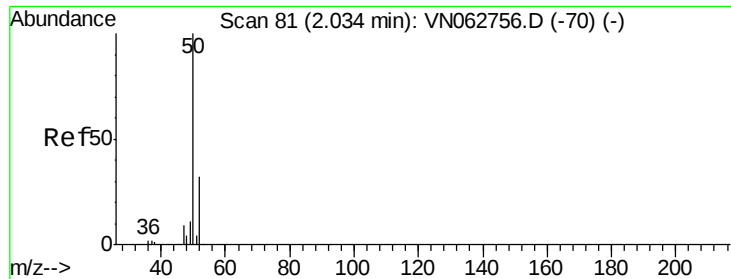
20000

10000

0

Time--> 1.80 1.85 1.90

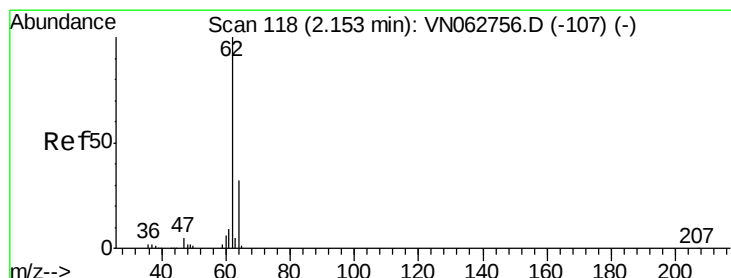
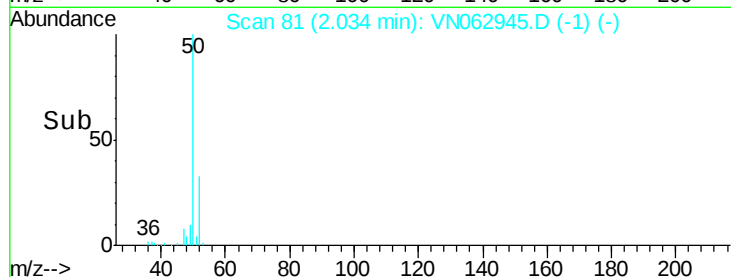
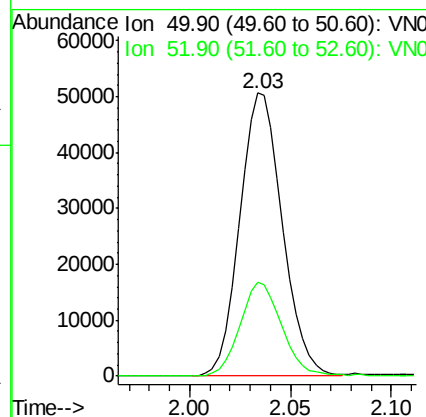
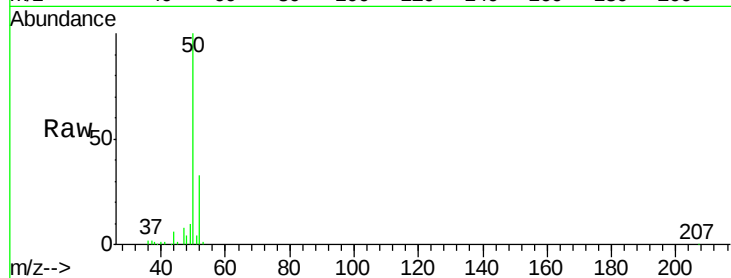




#3
Chloromethane
Concen: 22.147 ug/l
RT: 2.03 min Scan# 81
Delta R.T. -0.00 min
Lab File: VN062945.D
Acq: 14 Aug 2020 20:07

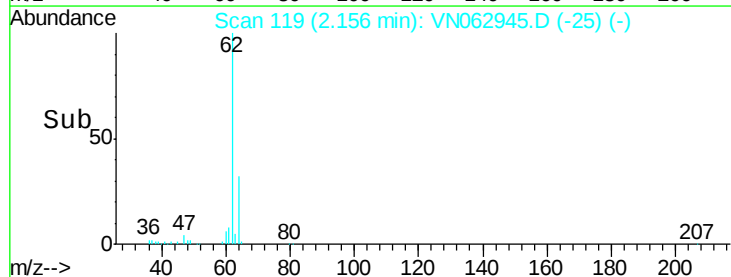
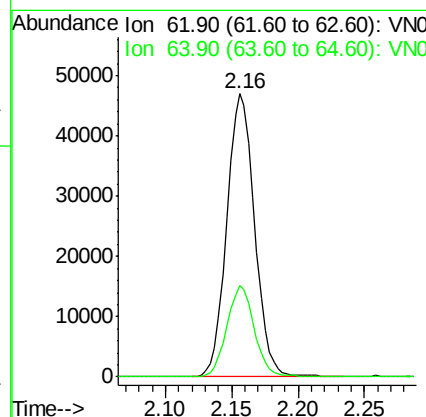
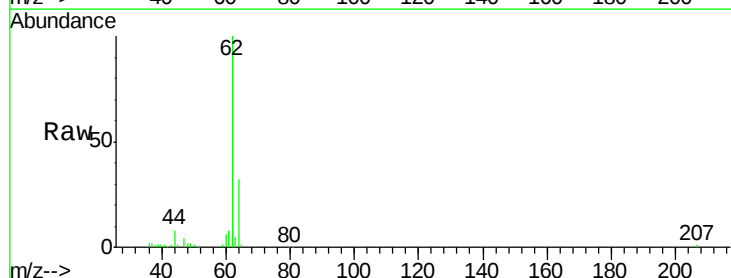
Instrument :
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VN0814WBSD02

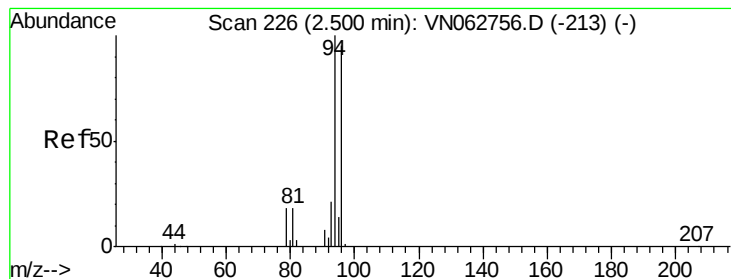
Tgt Ion: 50 Resp: 74897
Ion Ratio Lower Upper
50 100
52 33.2 25.6 38.4



#4
Vinyl Chloride
Concen: 21.577 ug/l
RT: 2.16 min Scan# 119
Delta R.T. 0.00 min
Lab File: VN062945.D
Acq: 14 Aug 2020 20:07

Tgt Ion: 62 Resp: 68439
Ion Ratio Lower Upper
62 100
64 32.1 25.8 38.8





#5

Bromomethane

Concen: 17.124 ug/l

RT: 2.51 min Scan# 229

Delta R.T. 0.01 min

Lab File: VN062945.D

Acq: 14 Aug 2020 20:07

Instrument :

MSVOA_N

ClientSampleId :

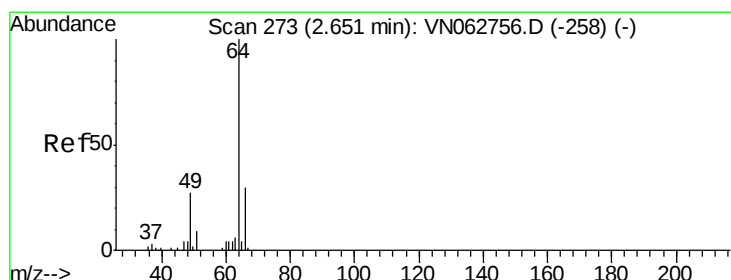
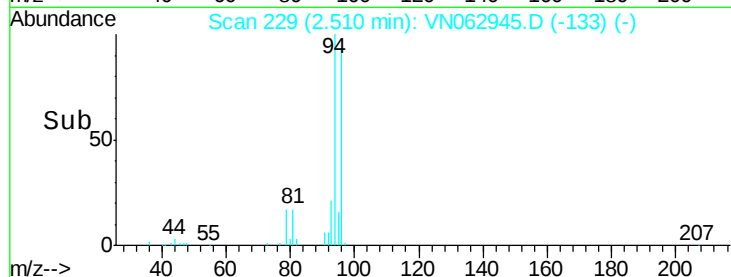
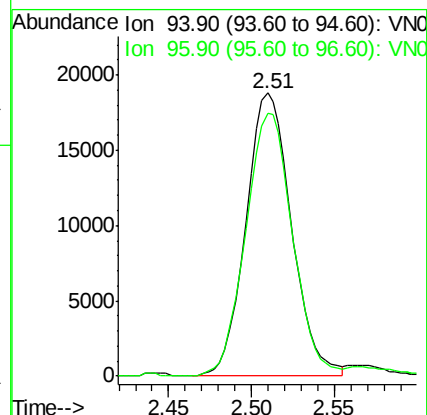
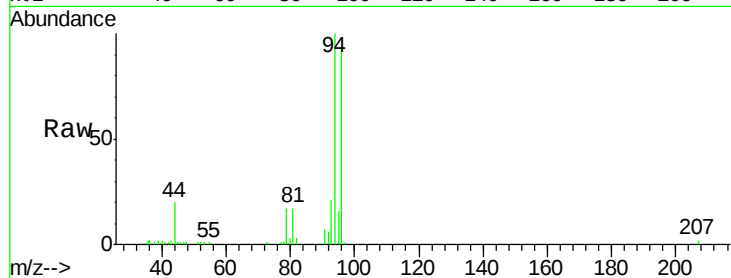
VN0814WBSD02

Tgt Ion: 94 Resp: 35955

Ion Ratio Lower Upper

94 100

96 92.9 76.2 114.4



#6

Chloroethane

Concen: 19.323 ug/l

RT: 2.65 min Scan# 274

Delta R.T. 0.00 min

Lab File: VN062945.D

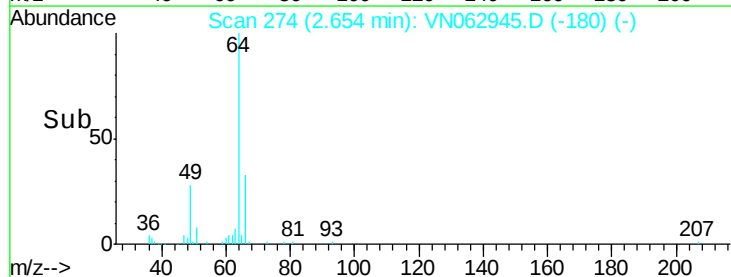
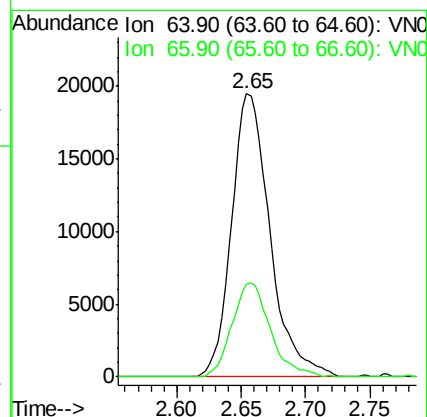
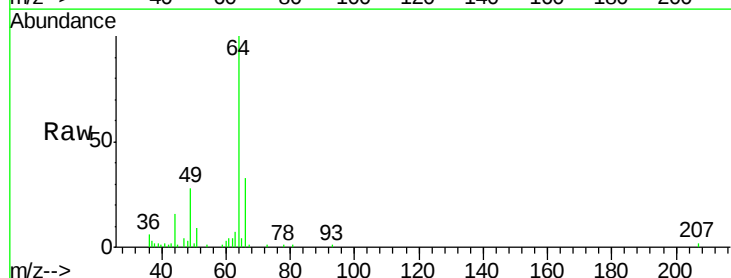
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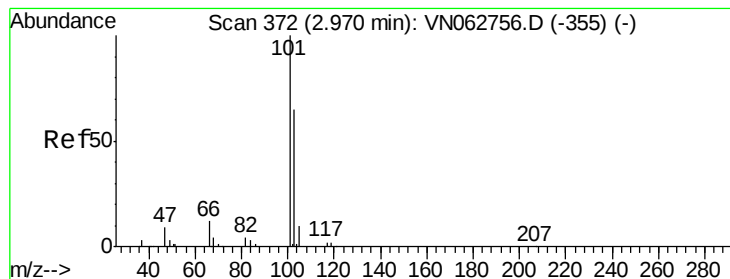
Tgt Ion: 64 Resp: 40321

Ion Ratio Lower Upper

64 100

66 32.8 24.0 36.0



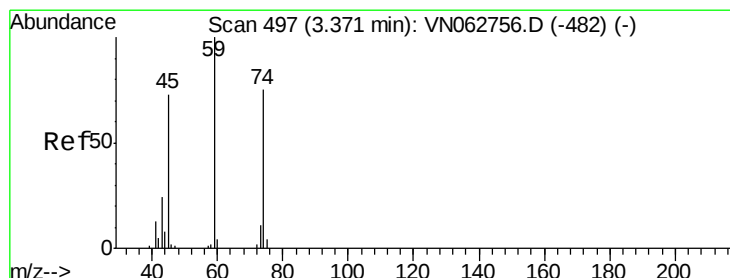
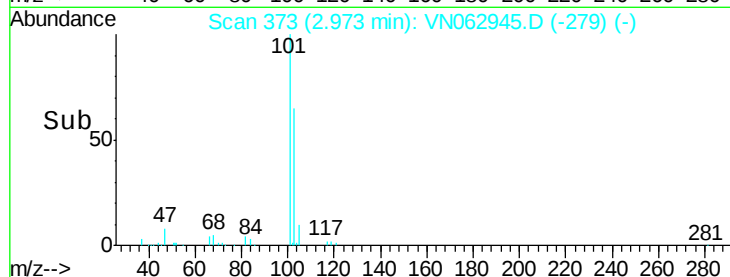
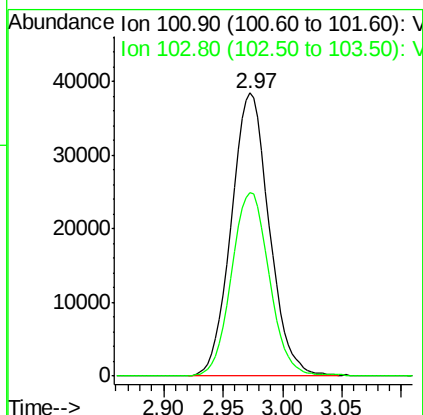
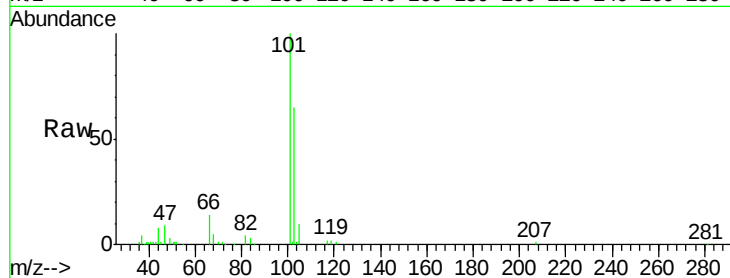


#7

Trichlorofluoromethane
 Concen: 15.059 ug/l
 RT: 2.97 min Scan# 373
 Delta R.T. 0.00 min
 Lab File: VN062945.D
 Acq: 14 Aug 2020 20:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0814WBSD02

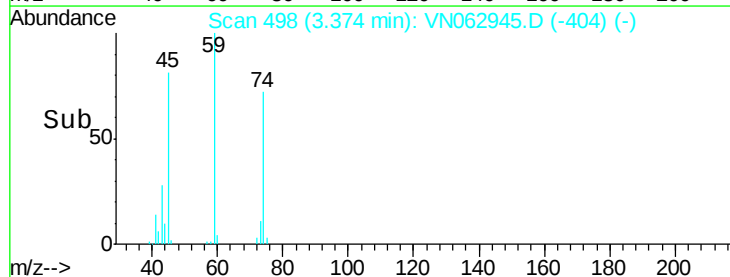
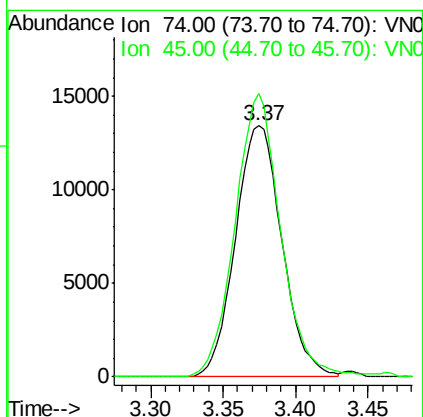
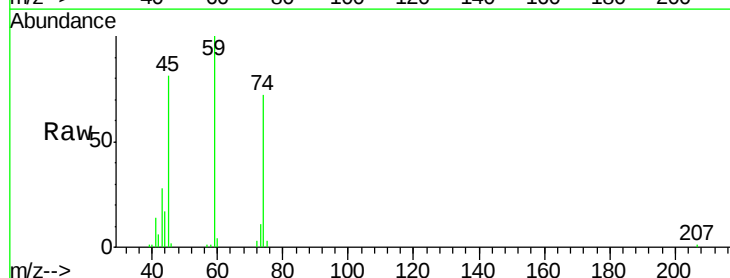
Tgt Ion: 101 Resp: 85172
 Ion Ratio Lower Upper
 101 100
 103 65.1 52.3 78.5

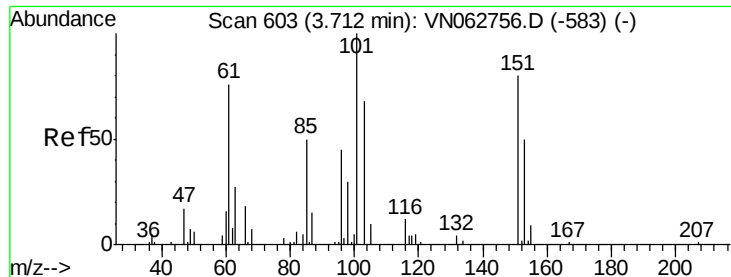


#8

Diethyl Ether
 Concen: 18.473 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN062945.D
 Acq: 14 Aug 2020 20:07

Tgt Ion: 74 Resp: 29911
 Ion Ratio Lower Upper
 74 100
 45 110.8 48.7 146.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.071 ug/l

RT: 3.72 min Scan# 604

Delta R.T. 0.00 min

Lab File: VN062945.D

Acq: 14 Aug 2020 20:07

Instrument :

MSVOA_N

ClientSampleId :

VN0814WBSD02

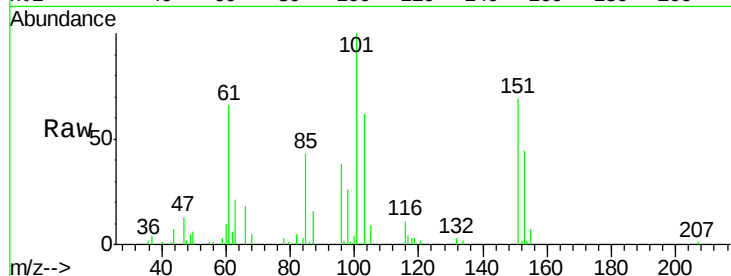
Tgt Ion:101 Resp: 42502

Ion Ratio Lower Upper

101 100

85 46.6 38.5 57.7

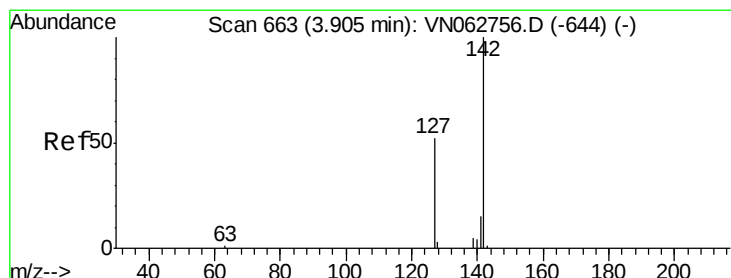
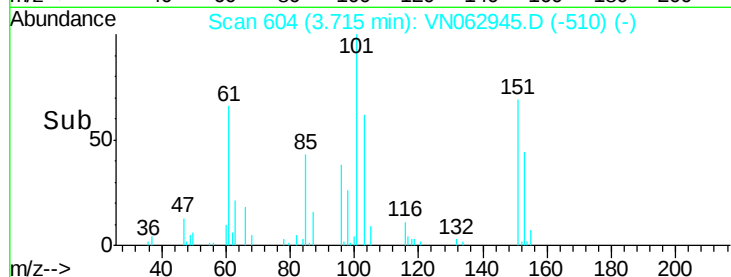
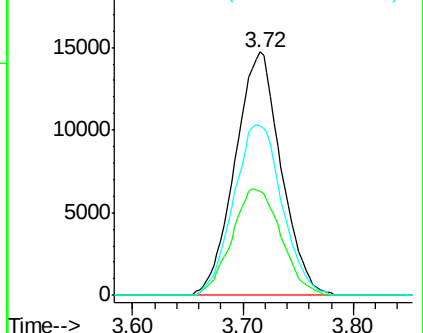
151 74.0 63.0 94.6



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: 17.304 ug/l

RT: 3.91 min Scan# 664

Delta R.T. 0.00 min

Lab File: VN062945.D

Acq: 14 Aug 2020 20:07

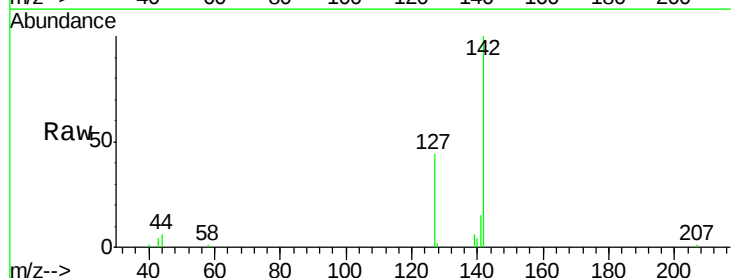
Tgt Ion:142 Resp: 47438

Ion Ratio Lower Upper

142 100

127 44.6 41.4 62.0

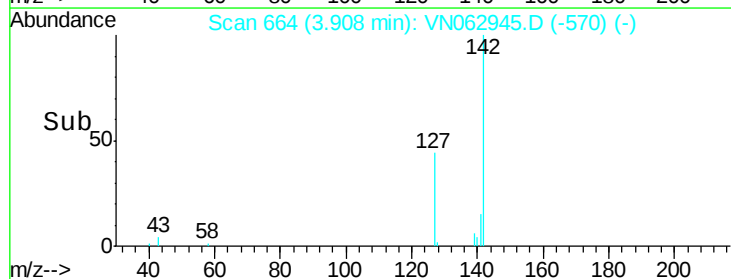
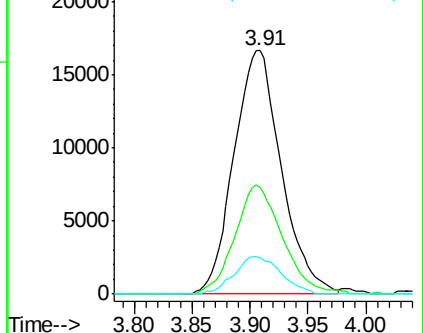
141 15.2 12.2 18.4

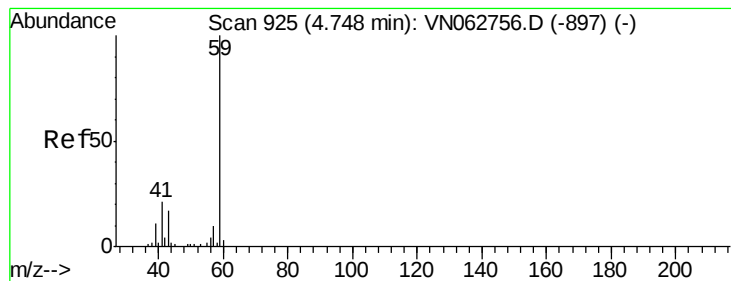


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 83.427 ug/l

RT: 4.74 min Scan# 923

Delta R.T. -0.01 min

Lab File: VN062945.D

Acq: 14 Aug 2020 20:07

Instrument :

MSVOA_N

ClientSampleId :

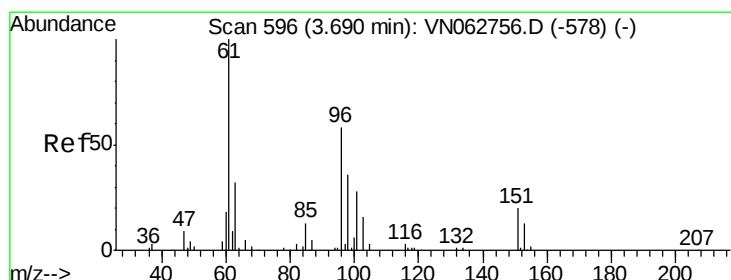
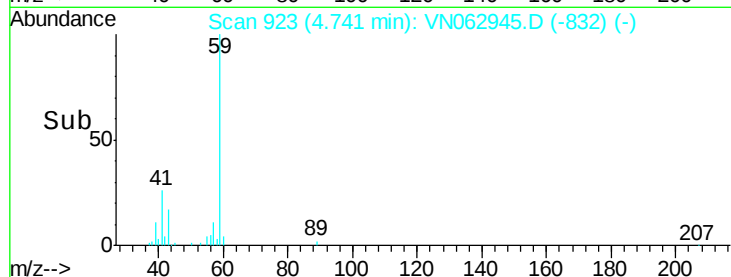
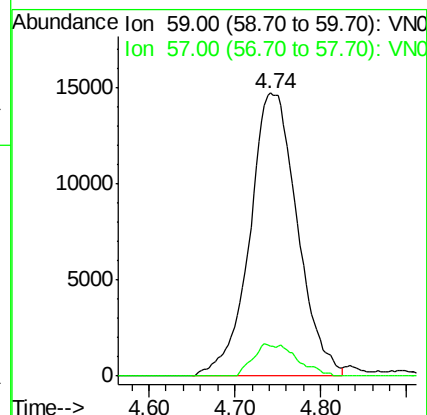
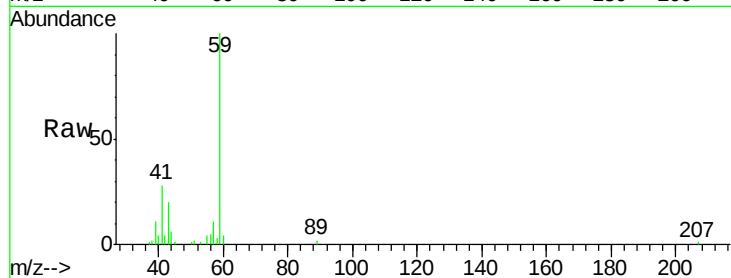
VN0814WBSD02

Tgt Ion: 59 Resp: 56589

Ion Ratio Lower Upper

59 100

57 5.3 8.3 12.5#



#12

1,1-Dichloroethene

Concen: 17.918 ug/l

RT: 3.69 min Scan# 596

Delta R.T. 0.00 min

Lab File: VN062945.D

Acq: 14 Aug 2020 20:07

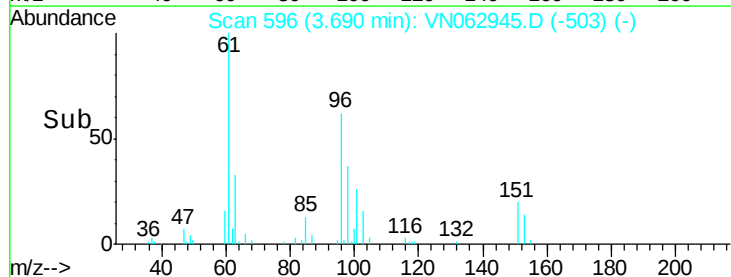
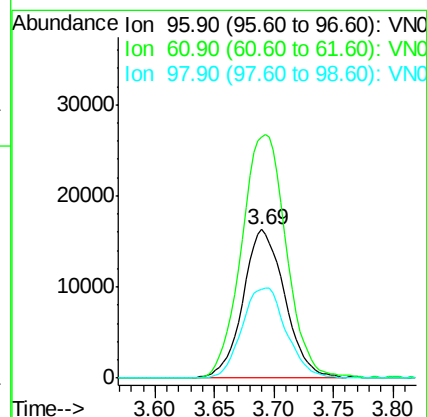
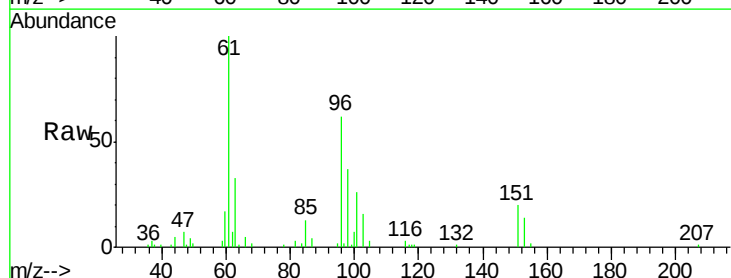
Tgt Ion: 96 Resp: 39788

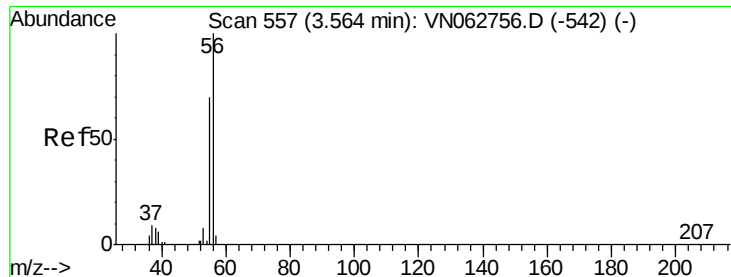
Ion Ratio Lower Upper

96 100

61 161.7 139.0 208.6

98 59.7 50.2 75.4





#13

Acrolein

Concen: 82.385 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062945.D

Acq: 14 Aug 2020 20:07

Instrument :

MSVOA_N

ClientSampleId :

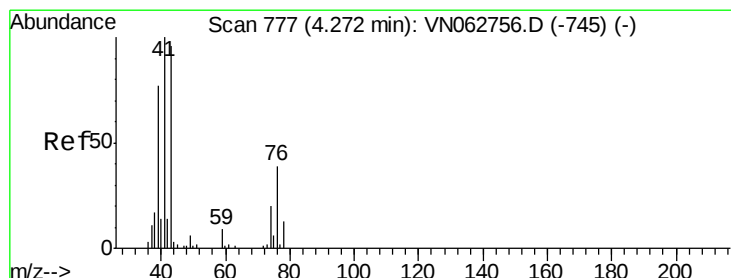
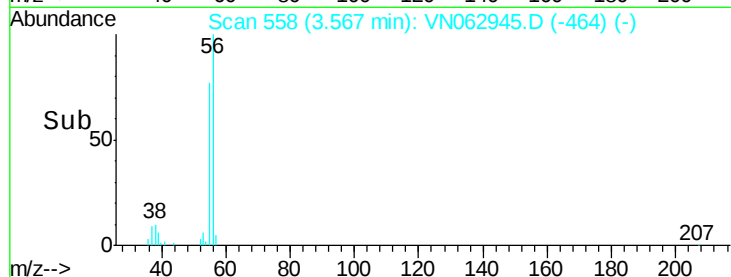
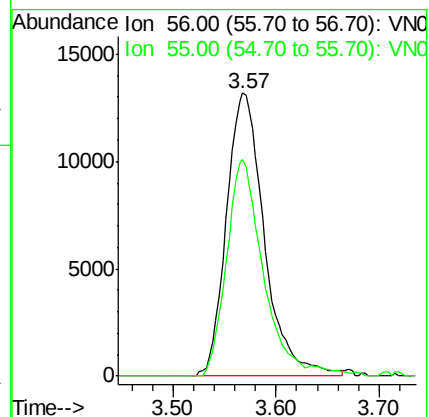
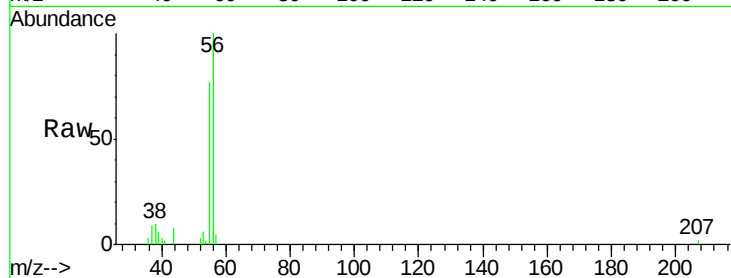
VN0814WBSD02

Tgt Ion: 56 Resp: 33835

Ion Ratio Lower Upper

56 100

55 71.9 57.0 85.6



#14

Allyl chloride

Concen: 18.940 ug/l

RT: 4.27 min Scan# 778

Delta R.T. 0.00 min

Lab File: VN062945.D

Acq: 14 Aug 2020 20:07

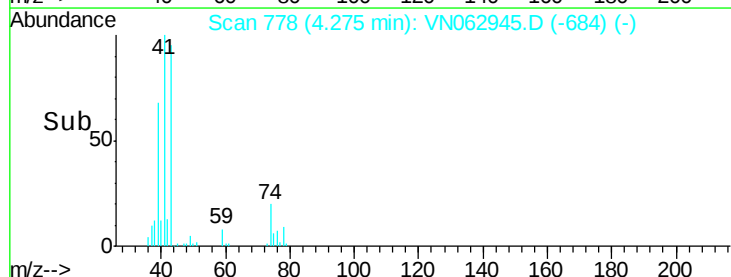
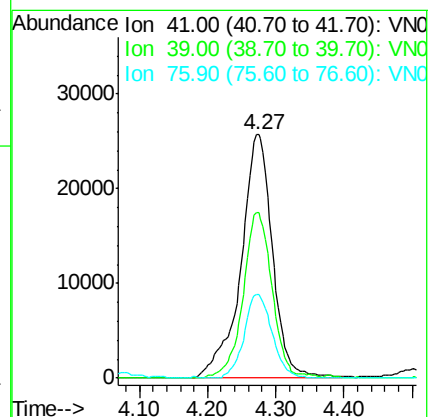
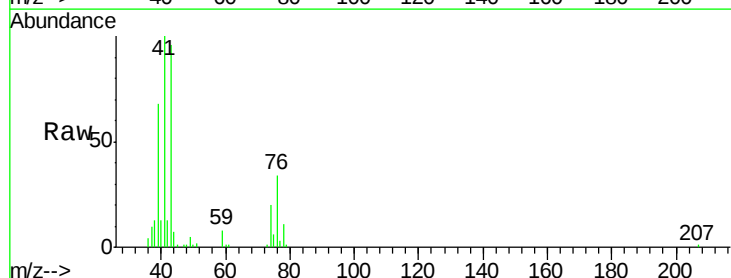
Tgt Ion: 41 Resp: 82987

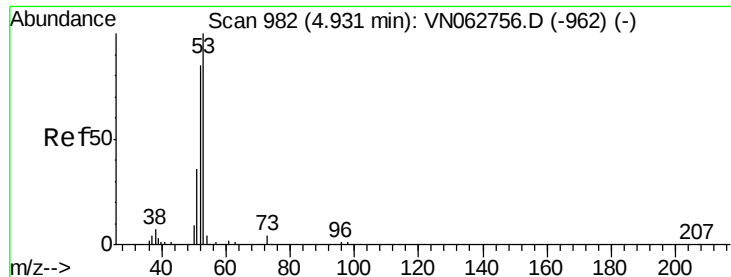
Ion Ratio Lower Upper

41 100

39 62.5 55.7 83.5

76 30.3 27.5 41.3





#15

Acrylonitrile

Concen: 100.305 ug/l

RT: 4.93 min Scan# 982

Delta R.T. -0.00 min

Lab File: VN062945.D

Acq: 14 Aug 2020 20:07

Instrument :

MSVOA_N

ClientSampleId :

VN0814WBSD02

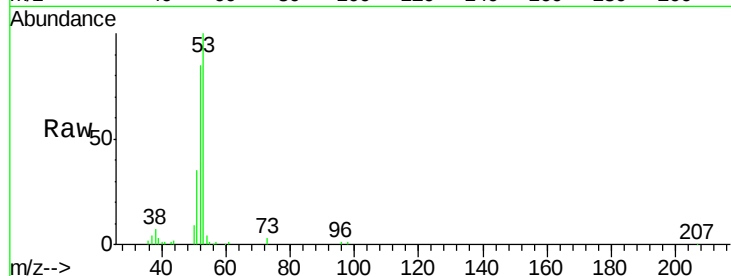
Tgt Ion: 53 Resp: 157806

Ion Ratio Lower Upper

53 100

52 81.3 66.8 100.2

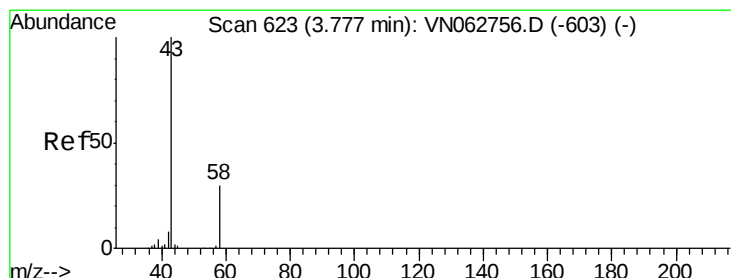
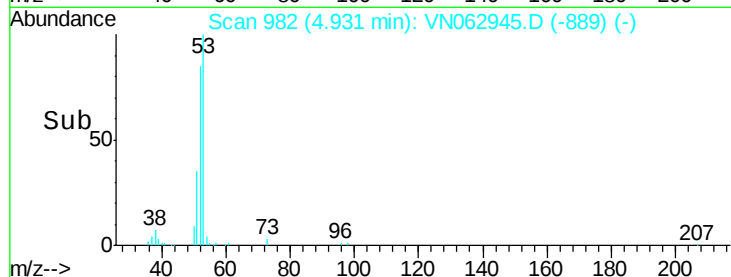
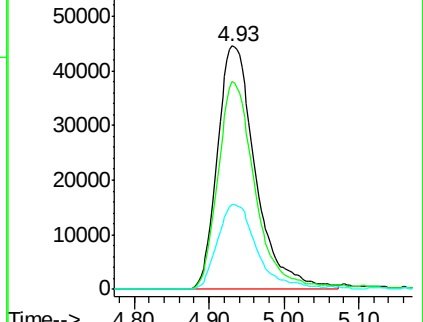
51 36.0 29.5 44.3



Abundance Ion 53.00 (52.70 to 53.70): VN062756.D (-962) (-)

Ion 52.00 (51.70 to 52.70): VN062756.D (-962) (-)

Ion 51.00 (50.70 to 51.70): VN062756.D (-962) (-)



#16

Acetone

Concen: 92.447 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN062945.D

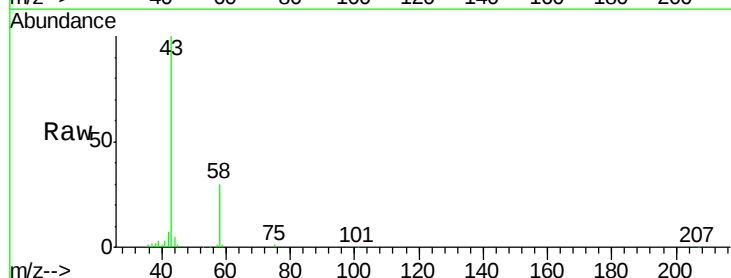
Acq: 14 Aug 2020 20:07

Tgt Ion: 43 Resp: 138249

Ion Ratio Lower Upper

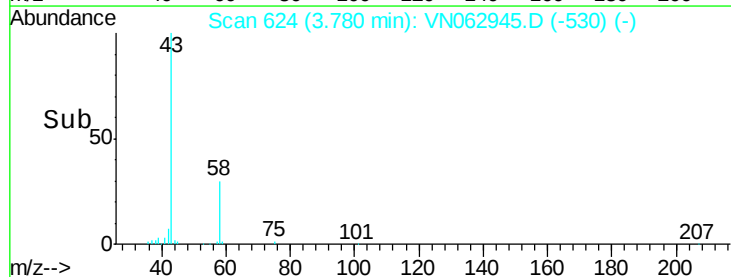
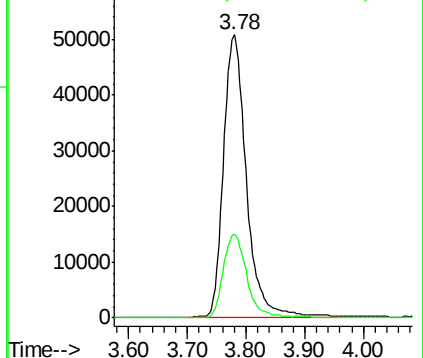
43 100

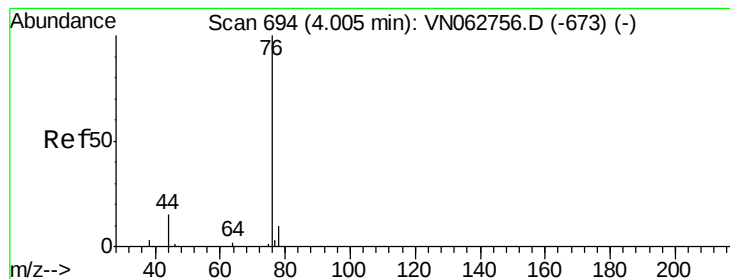
58 29.7 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VN062756.D (-603) (-)

Ion 58.00 (57.70 to 58.70): VN062756.D (-603) (-)





#17

Carbon Disulfide

Concen: 17.031 ug/l

RT: 4.00 min Scan# 694

Delta R.T. 0.00 min

Lab File: VN062945.D

Acq: 14 Aug 2020 20:07

Instrument :

MSVOA_N

ClientSampleId :

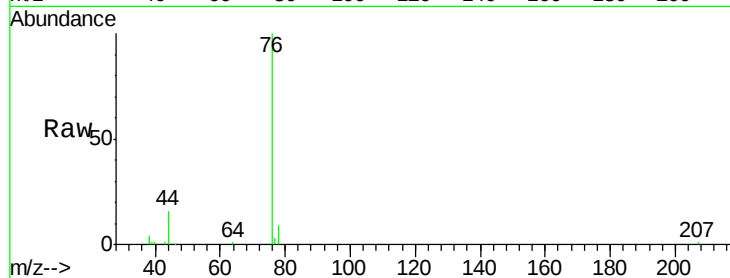
VN0814WBSD02

Tgt Ion: 76 Resp: 106761

Ion Ratio Lower Upper

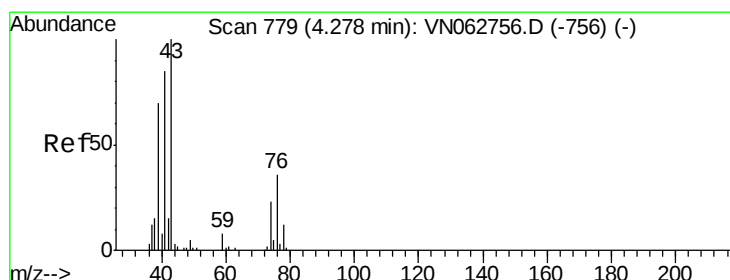
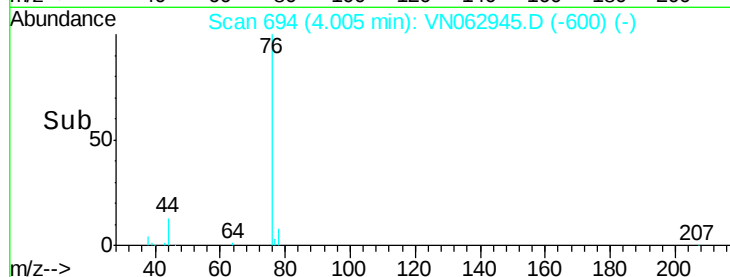
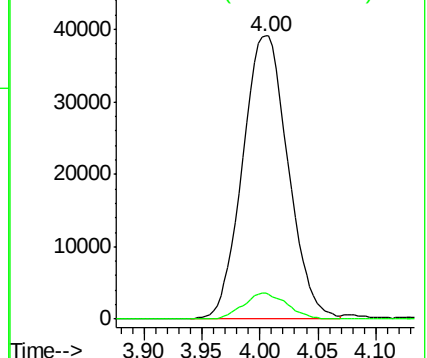
76 100

78 9.0 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: 22.126 ug/l

RT: 4.28 min Scan# 781

Delta R.T. 0.01 min

Lab File: VN062945.D

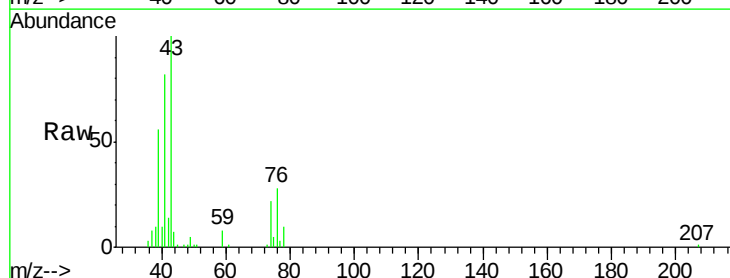
Acq: 14 Aug 2020 20:07

Tgt Ion: 43 Resp: 80488

Ion Ratio Lower Upper

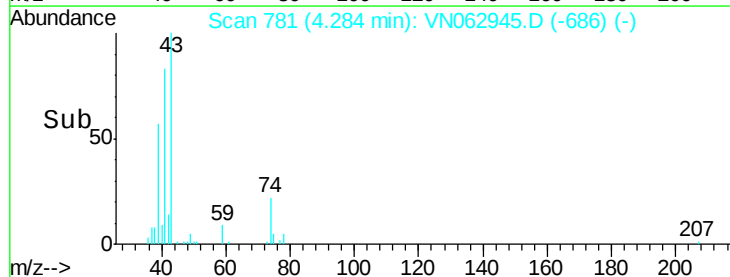
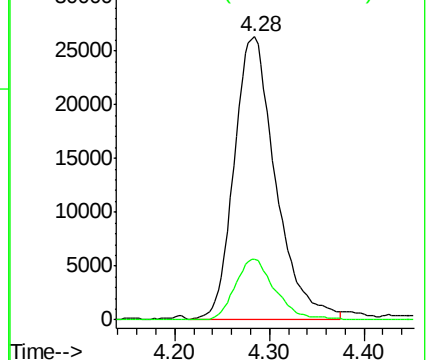
43 100

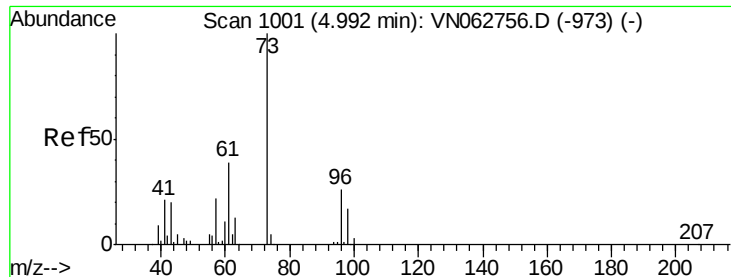
74 20.3 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

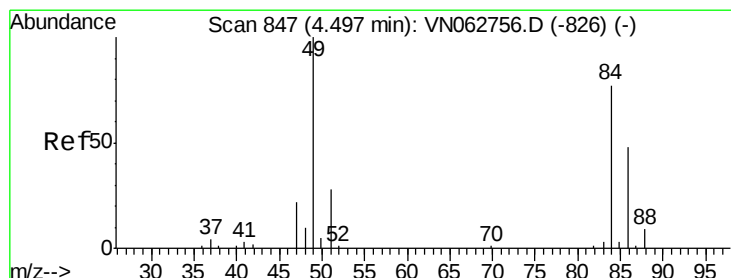
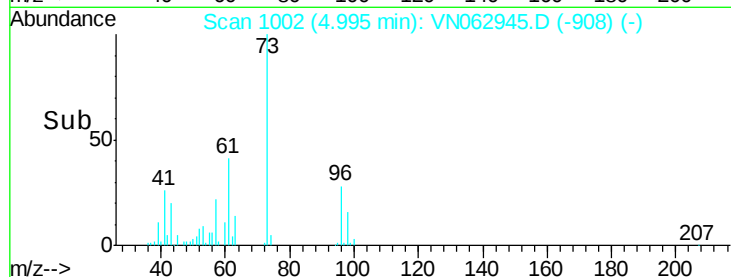
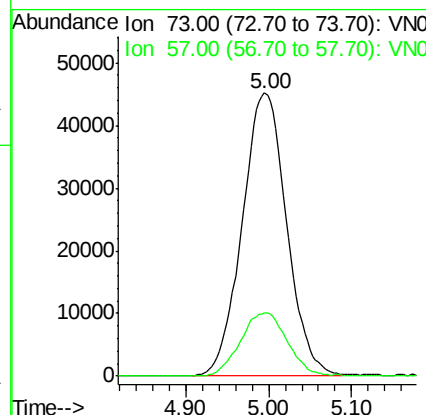
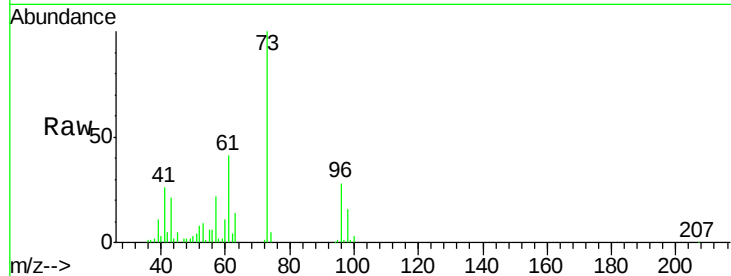




#19
Methyl tert-butyl Ether
Concen: 17.392 ug/l
RT: 5.00 min Scan# 1002
Delta R.T. 0.00 min
Lab File: VN062945.D
Acq: 14 Aug 2020 20:07

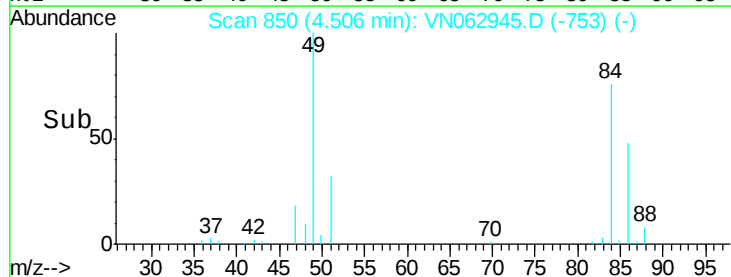
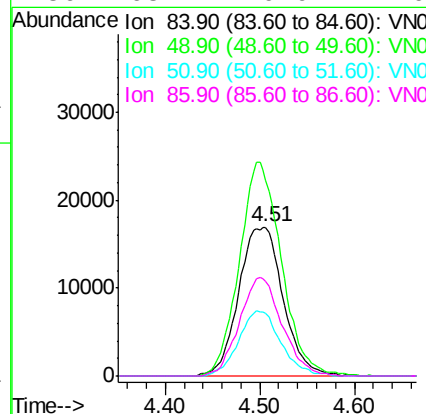
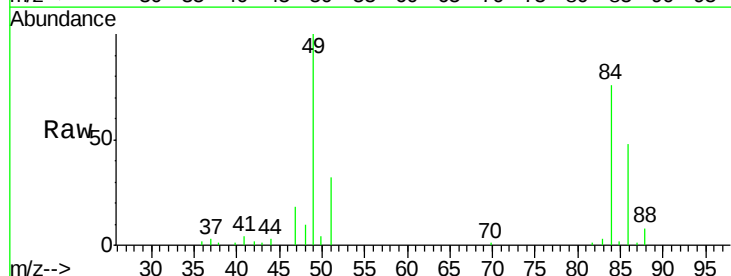
Instrument :
MSVOA_N
ClientSampleId :
VN0814WBSD02

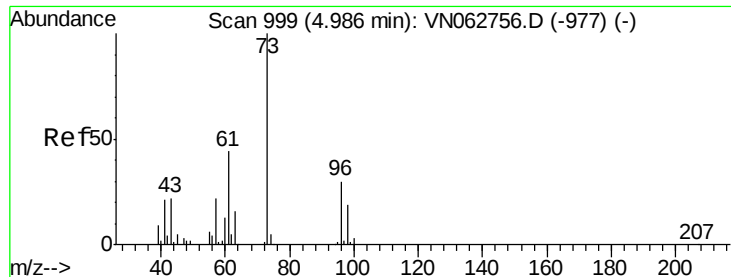
Tgt Ion: 73 Resp: 168633
Ion Ratio Lower Upper
73 100
57 22.4 17.5 26.3



#20
Methylene Chloride
Concen: 19.719 ug/l
RT: 4.51 min Scan# 850
Delta R.T. 0.01 min
Lab File: VN062945.D
Acq: 14 Aug 2020 20:07

Tgt Ion: 84 Resp: 55225
Ion Ratio Lower Upper
84 100
49 131.3 103.4 155.2
51 42.1 29.3 43.9
86 63.4 49.9 74.9





#21

trans-1,2-Dichloroethene

Concen: 17.183 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN062945.D

Acq: 14 Aug 2020 20:07

Instrument :

MSVOA_N

ClientSampleId :

VN0814WBSD02

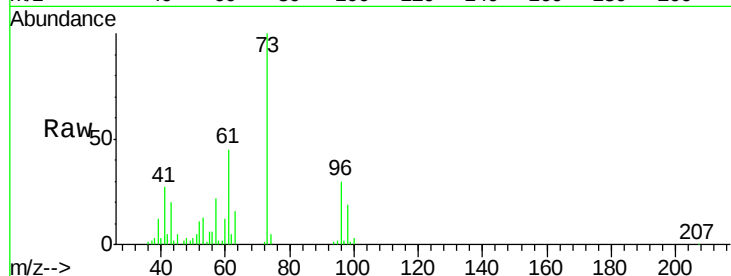
Tgt Ion: 96 Resp: 43033

Ion Ratio Lower Upper

96 100

61 150.7 118.8 178.2

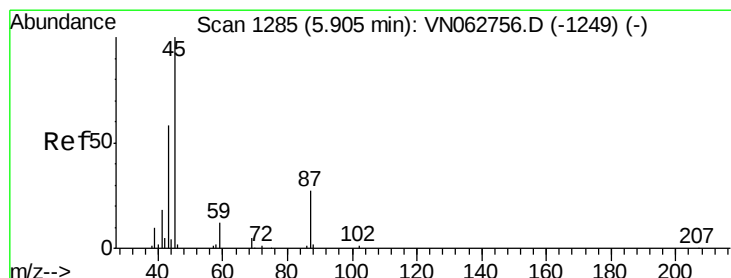
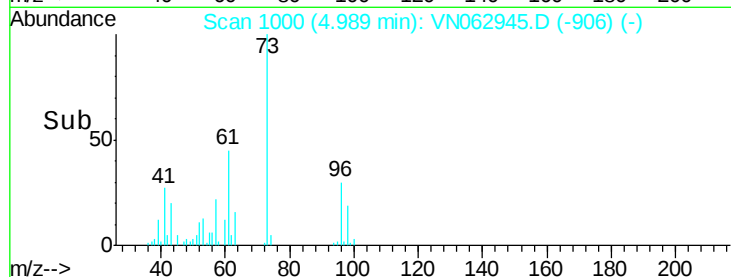
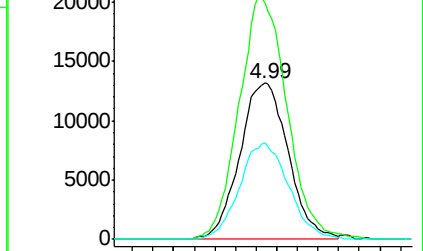
98 61.4 51.0 76.4



Abundance Ion 95.90 (95.60 to 96.60): VN062945.D (-1000) (-)

Ion 60.90 (60.60 to 61.60): VN062945.D (-1000) (-)

Ion 97.90 (97.60 to 98.60): VN062945.D (-1000) (-)



#22

Diisopropyl ether

Concen: 21.684 ug/l

RT: 5.90 min Scan# 1285

Delta R.T. -0.00 min

Lab File: VN062945.D

Acq: 14 Aug 2020 20:07

Tgt Ion: 45 Resp: 202256

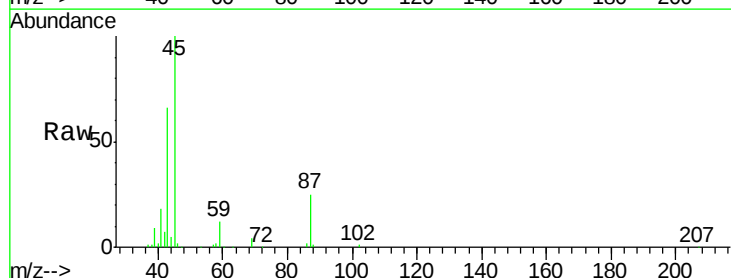
Ion Ratio Lower Upper

45 100

43 63.9 47.4 71.2

87 25.5 22.8 34.2

59 11.4 9.9 14.9

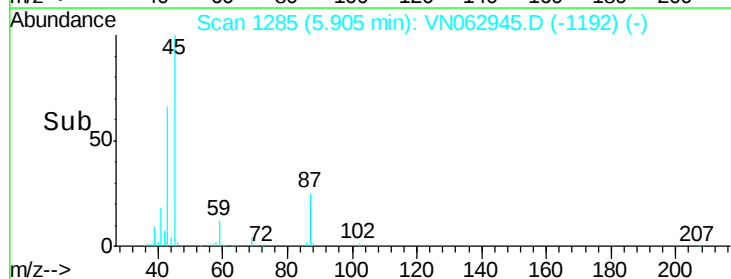
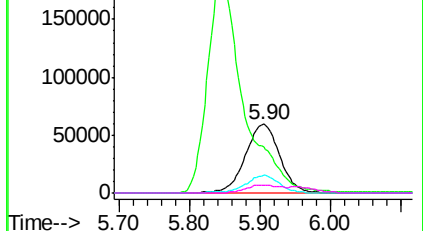


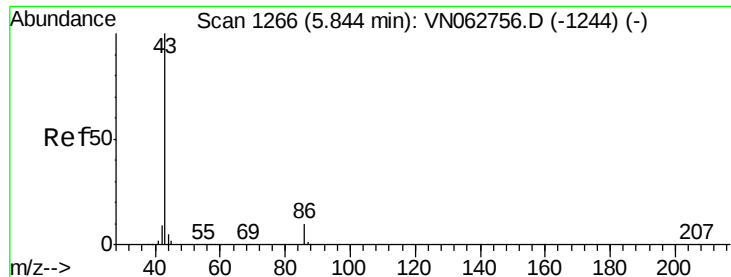
Abundance Ion 45.00 (44.70 to 45.70): VN062945.D (-1192) (-)

Ion 43.00 (42.70 to 43.70): VN062945.D (-1192) (-)

Ion 87.00 (86.70 to 87.70): VN062945.D (-1192) (-)

Ion 59.00 (58.70 to 59.70): VN062945.D (-1192) (-)





#23

Vinyl Acetate

Concen: 93.378 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. 0.00 min

Lab File: VN062945.D

Acq: 14 Aug 2020 20:07

Instrument :

MSVOA_N

ClientSampleId :

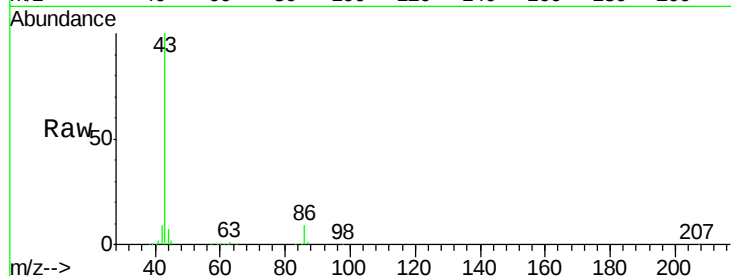
VN0814WBSD02

Tgt Ion: 43 Resp: 662493

Ion Ratio Lower Upper

43 100

86 9.5 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

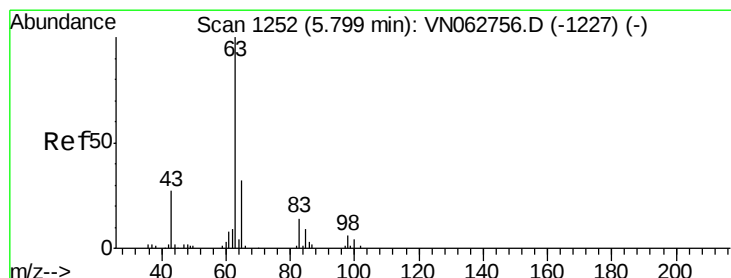
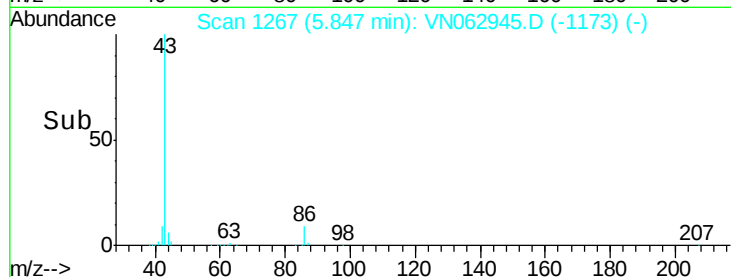
100000

50000

0

Time-->

5.70 5.80 5.90 6.00 6.10



#24

1,1-Dichloroethane

Concen: 18.908 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062945.D

Acq: 14 Aug 2020 20:07

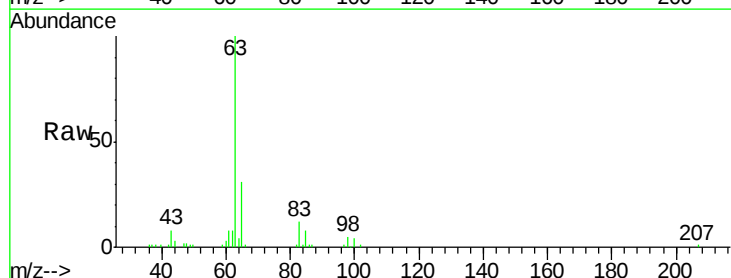
Tgt Ion: 63 Resp: 103353

Ion Ratio Lower Upper

63 100

98 5.2 3.0 9.2

100 3.6 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

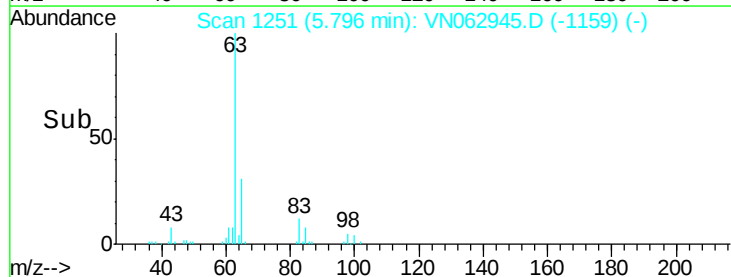
20000

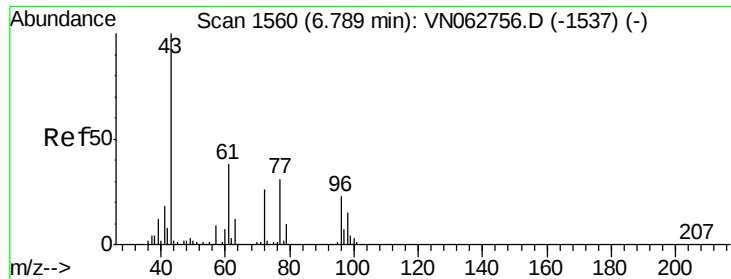
10000

0

Time-->

5.70 5.80 5.90





#25

2-Butanone

Concen: 99.814 ug/l

RT: 6.79 min Scan# 1560

Delta R.T. -0.00 min

Lab File: VN062945.D

Acq: 14 Aug 2020 20:07

Instrument :

MSVOA_N

ClientSampleId :

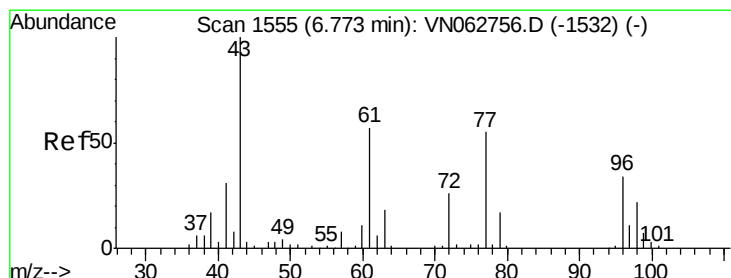
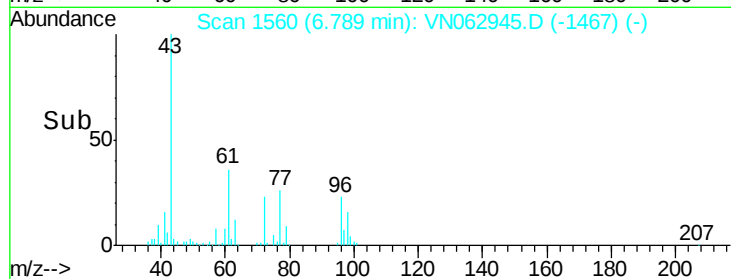
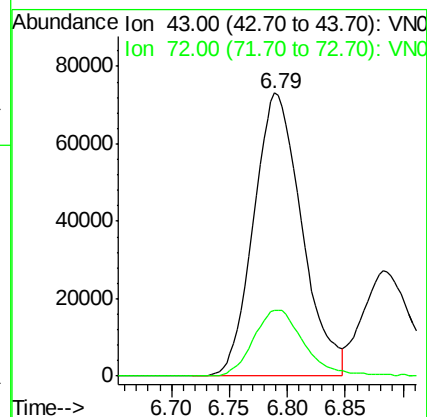
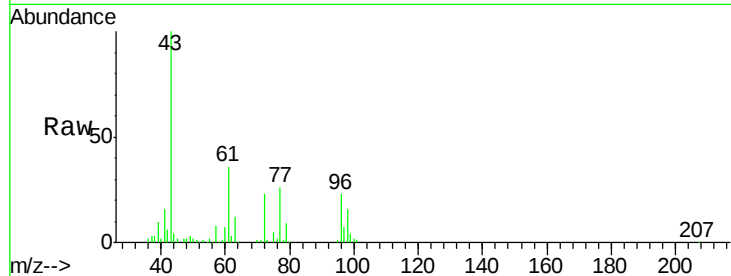
VN0814WBSD02

Tgt Ion: 43 Resp: 211407

Ion Ratio Lower Upper

43 100

72 23.2 21.1 31.7



#26

2,2-Dichloropropane

Concen: 14.471 ug/l

RT: 6.77 min Scan# 1554

Delta R.T. -0.00 min

Lab File: VN062945.D

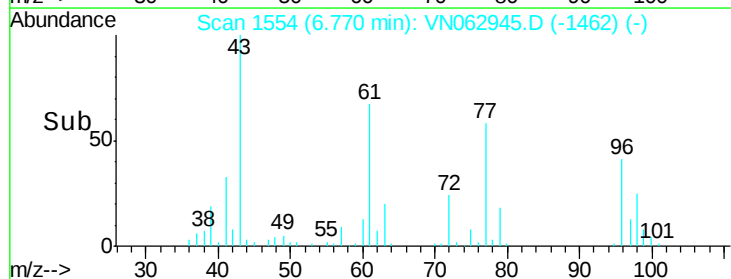
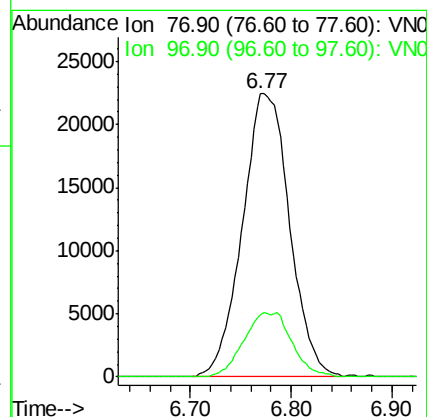
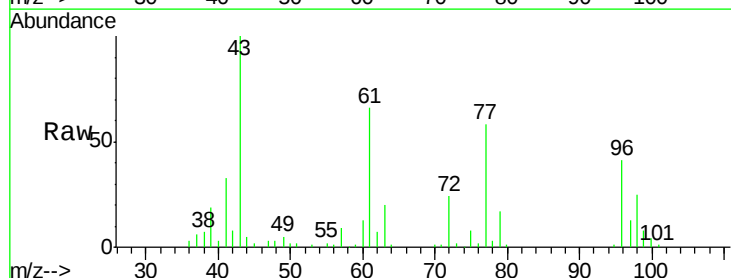
Acq: 14 Aug 2020 20:07

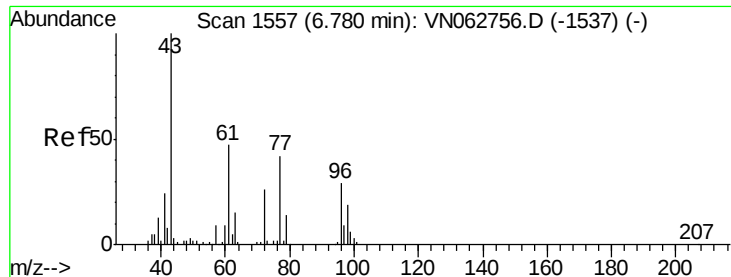
Tgt Ion: 77 Resp: 72915

Ion Ratio Lower Upper

77 100

97 13.2 10.5 31.6





#27

cis-1,2-Dichloroethene

Concen: 17.904 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. 0.00 min

Lab File: VN062945.D

Acq: 14 Aug 2020 20:07

Instrument :

MSVOA_N

ClientSampleId :

VN0814WBSD02

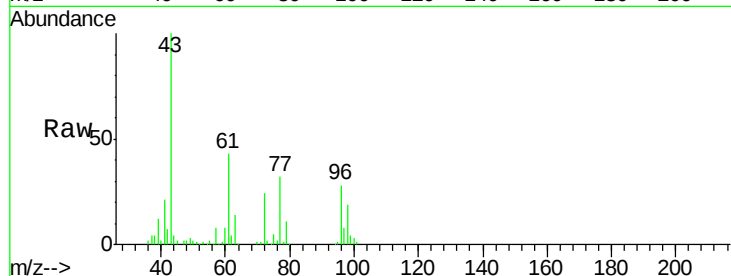
Tgt Ion: 96 Resp: 53788

Ion Ratio Lower Upper

96 100

61 160.3 0.0 332.2

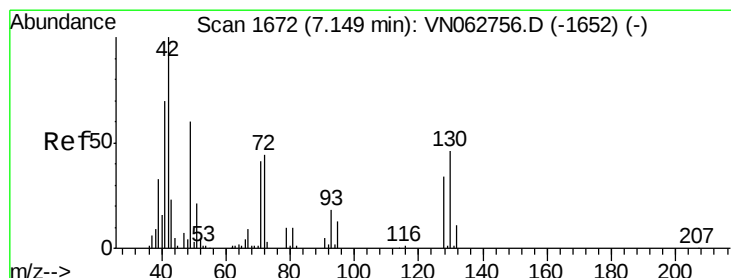
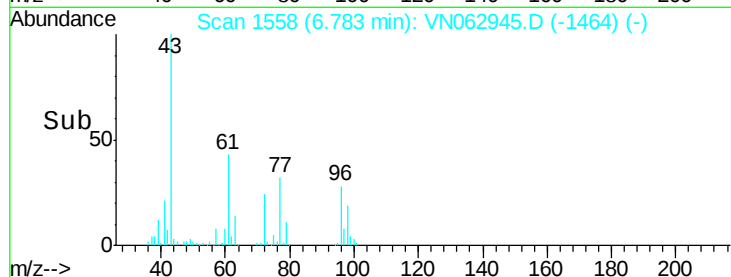
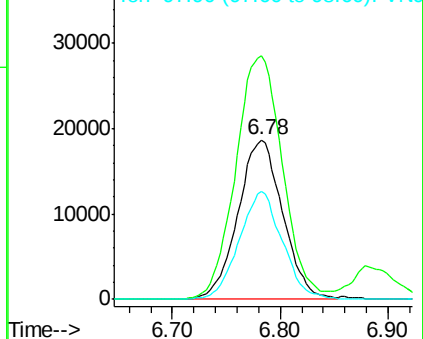
98 65.2 0.0 129.4



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: 20.131 ug/l

RT: 7.15 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VN062945.D

Acq: 14 Aug 2020 20:07

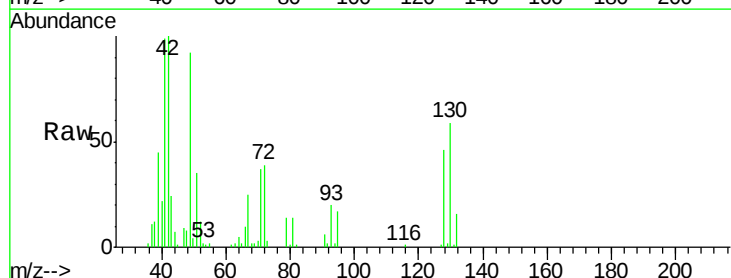
Tgt Ion: 49 Resp: 53107

Ion Ratio Lower Upper

49 100

129 1.7 0.0 3.2

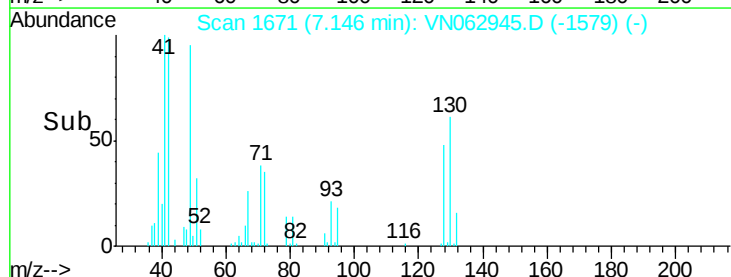
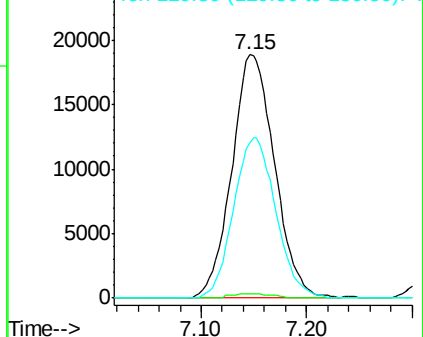
130 64.9 59.0 88.6

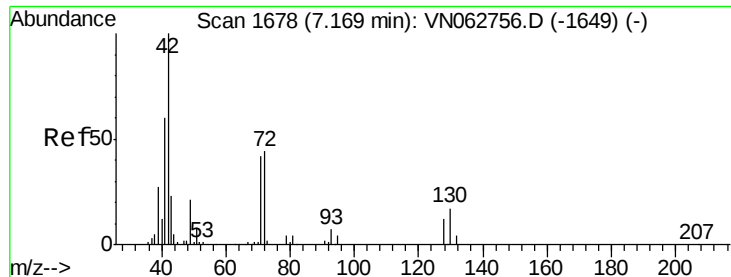


Abundance Ion 48.90 (48.60 to 49.60): VN062756.D (-1652) (-)

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

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

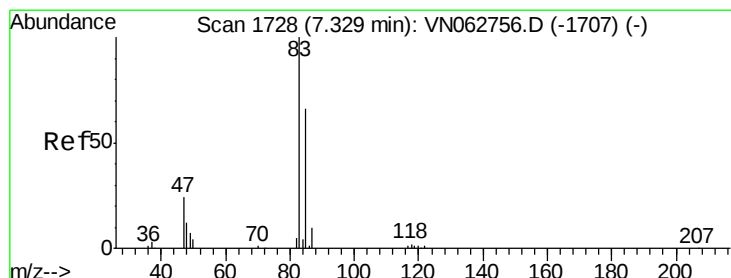
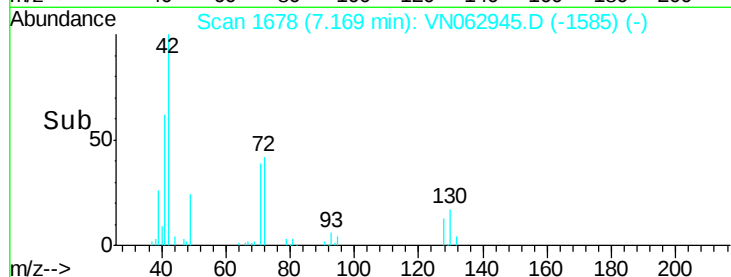
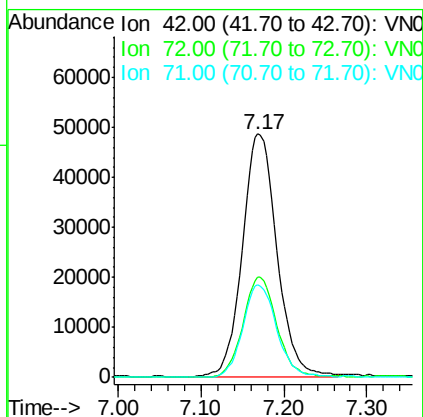
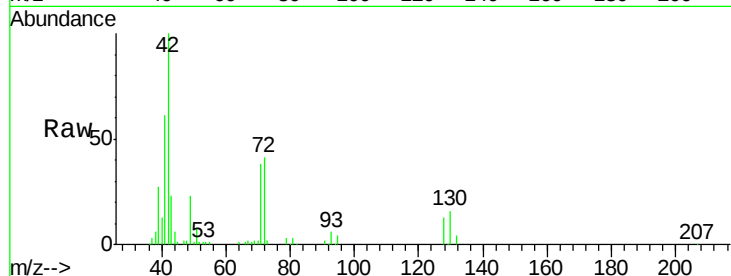




#29
Tetrahydrofuran
Concen: 103.181 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. -0.00 min
Lab File: VN062945.D
Acq: 14 Aug 2020 20:07

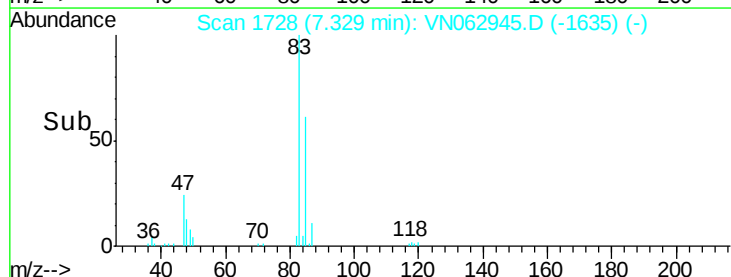
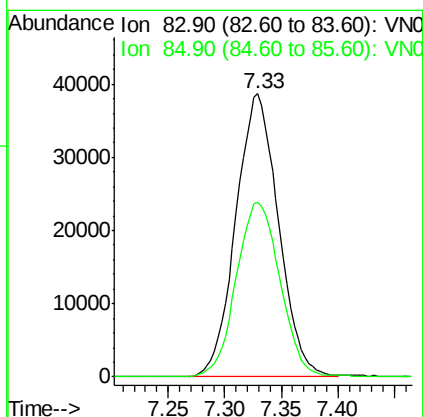
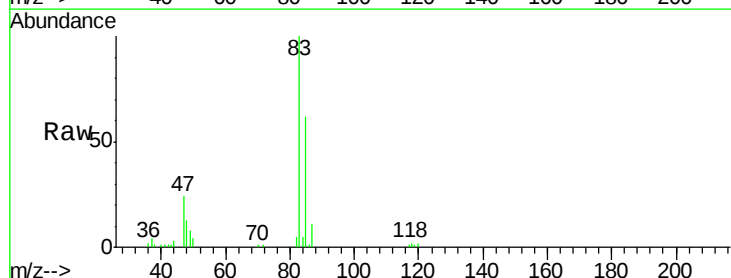
Instrument :
MSVOA_N
ClientSampleId :
VN0814WBSD02

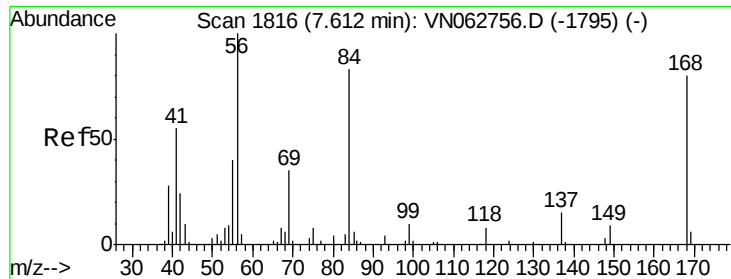
Tgt Ion: 42 Resp: 141977
Ion Ratio Lower Upper
42 100
72 39.8 35.0 52.4
71 36.6 33.2 49.8



#30
Chloroform
Concen: 17.467 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN062945.D
Acq: 14 Aug 2020 20:07

Tgt Ion: 83 Resp: 101469
Ion Ratio Lower Upper
83 100
85 61.9 52.7 79.1

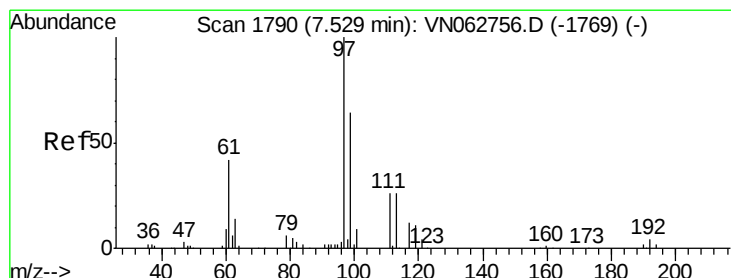
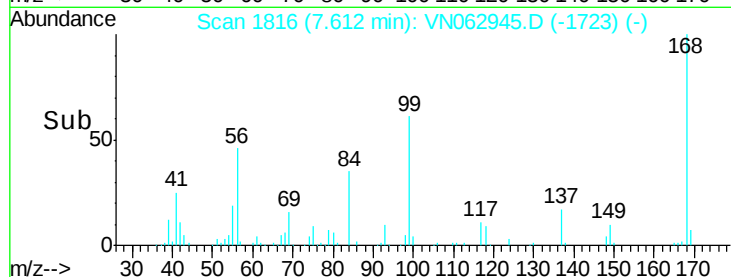
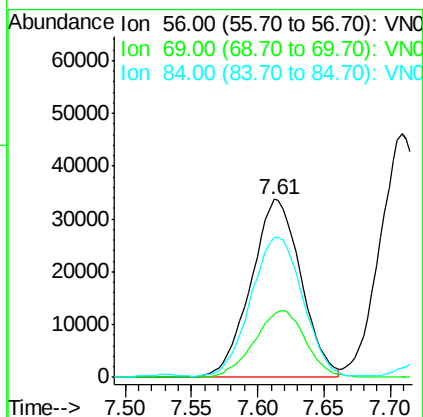
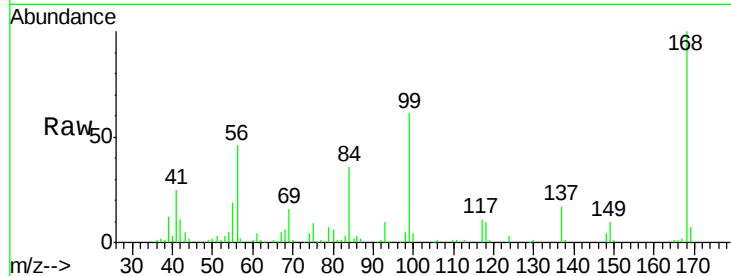




#31
Cyclohexane
Concen: 17.678 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VN062945.D
Acq: 14 Aug 2020 20:07

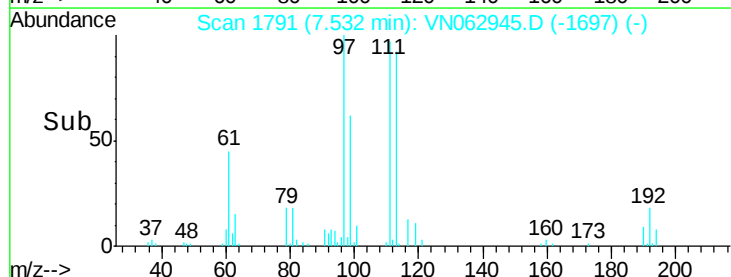
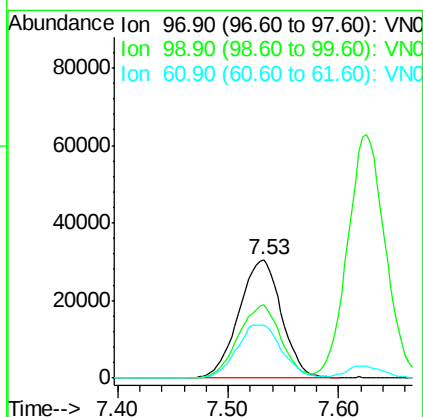
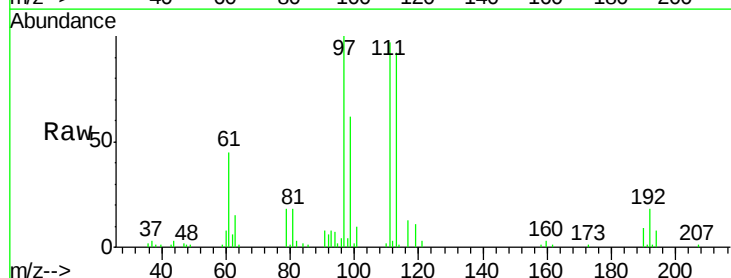
Instrument :
MSVOA_N
ClientSampleId :
VN0814WBSD02

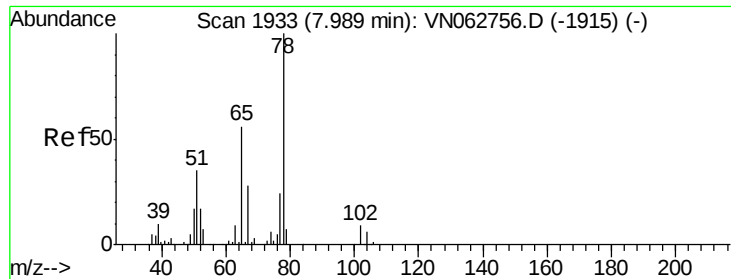
Tgt Ion: 56 Resp: 88703
Ion Ratio Lower Upper
56 100
69 35.5 28.1 42.1
84 77.8 66.8 100.2



#32
1,1,1-Trichloroethane
Concen: 15.721 ug/l
RT: 7.53 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VN062945.D
Acq: 14 Aug 2020 20:07

Tgt Ion: 97 Resp: 81651
Ion Ratio Lower Upper
97 100
99 62.1 50.0 75.0
61 47.2 34.8 52.2





#33

1,2-Dichloroethane-d4

Concen: 41.728 ug/l

RT: 7.99 min Scan# 1933

Delta R.T. -0.00 min

Lab File: VN062945.D

Acq: 14 Aug 2020 20:07

Instrument :

MSVOA_N

ClientSampleId :

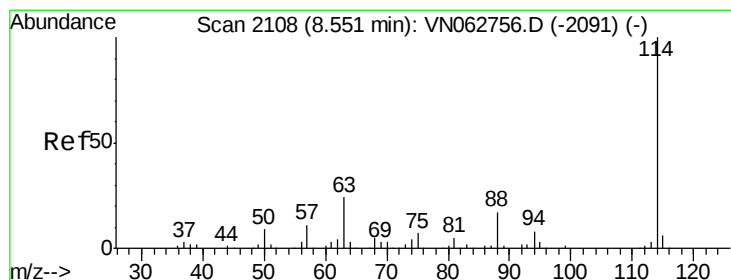
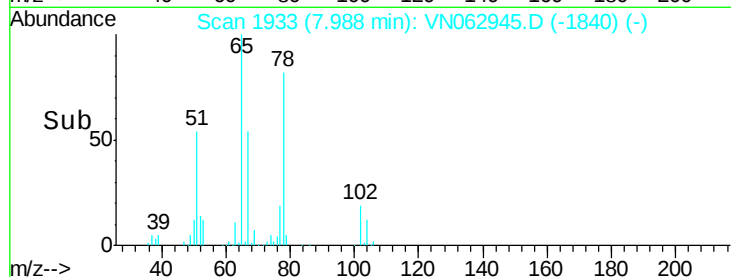
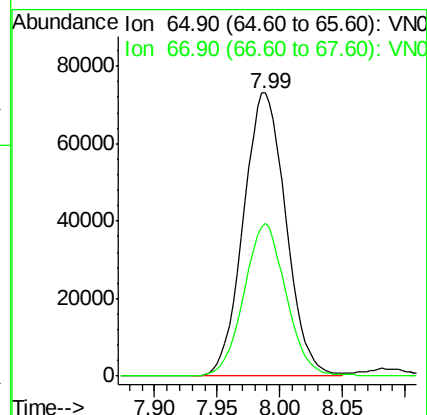
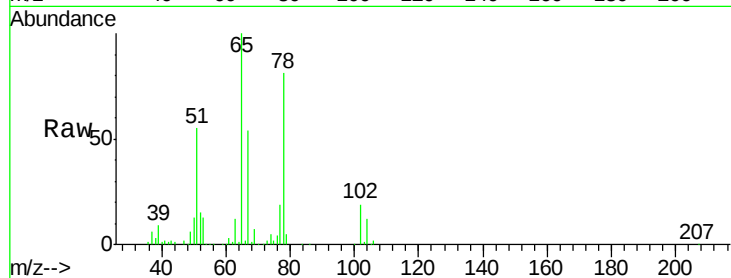
VN0814WBSD02

Tgt Ion: 65 Resp: 172694

Ion Ratio Lower Upper

65 100

67 53.3 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: VN062945.D

Acq: 14 Aug 2020 20:07

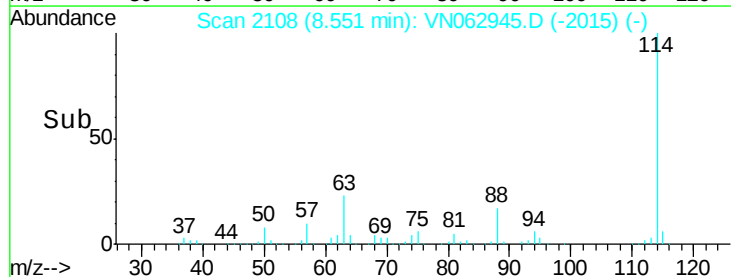
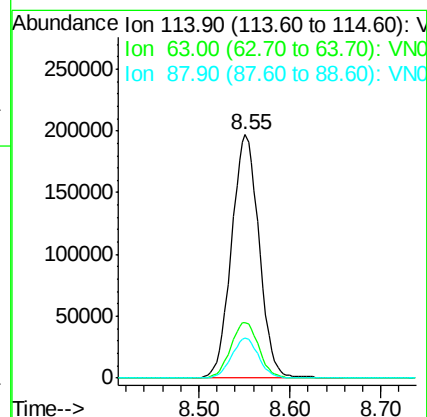
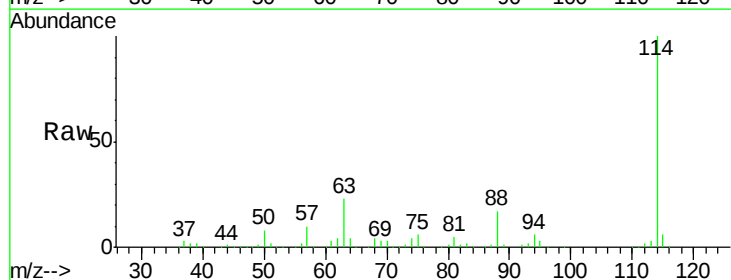
Tgt Ion: 114 Resp: 414066

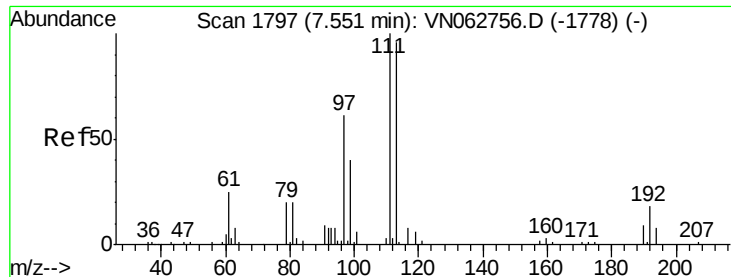
Ion Ratio Lower Upper

114 100

63 22.8 0.0 47.6

88 16.6 0.0 34.4

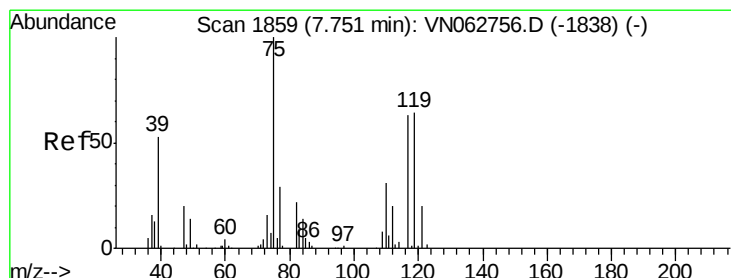
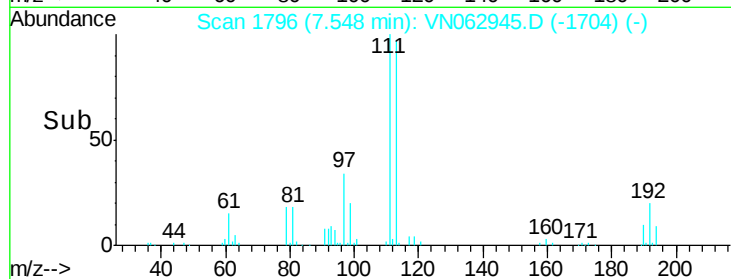
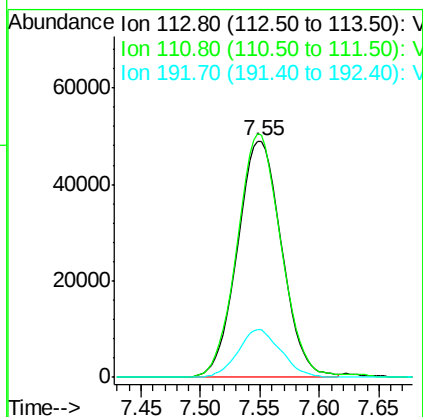
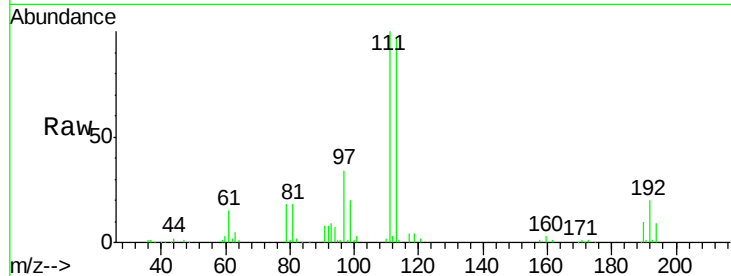




#35
 Dibromofluoromethane
 Concen: 44.573 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062945.D
 Acq: 14 Aug 2020 20:07

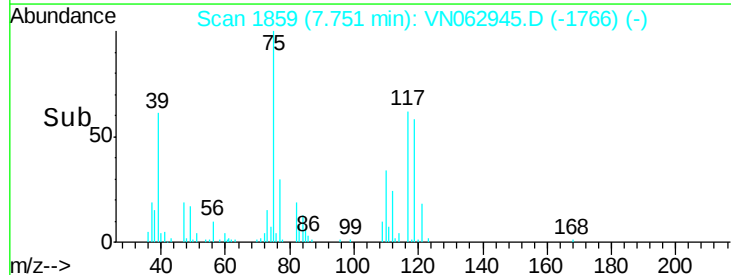
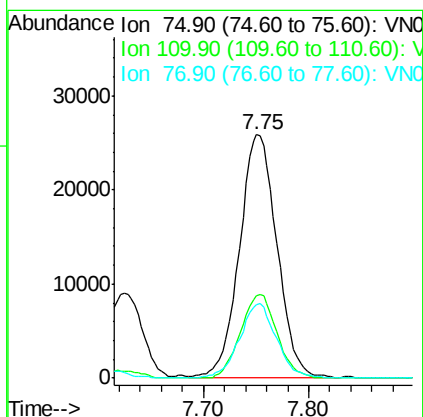
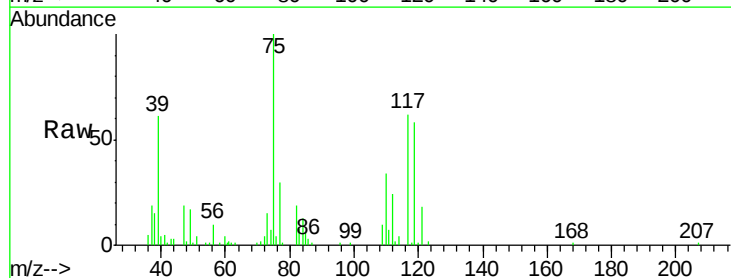
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0814WBSD02

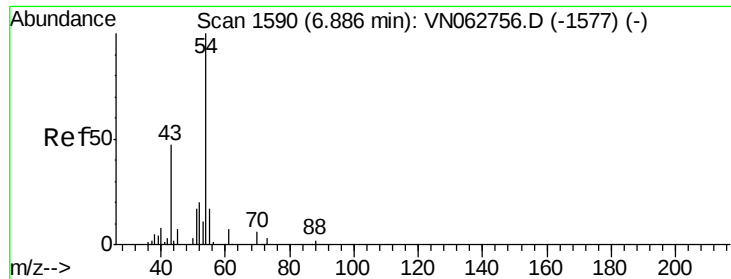
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.8	122.6
192	19.5	15.0	22.4



#36
 1,1-Dichloropropene
 Concen: 15.924 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062945.D
 Acq: 14 Aug 2020 20:07

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.2	15.6	46.7
77	30.1	24.1	36.1

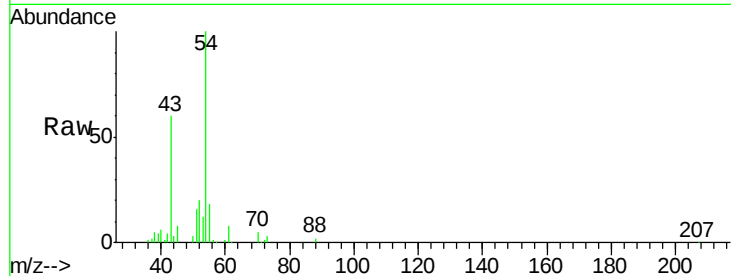




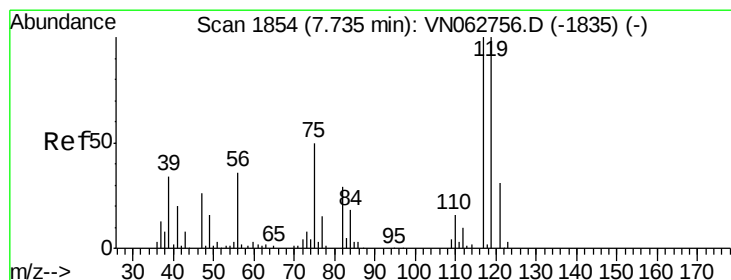
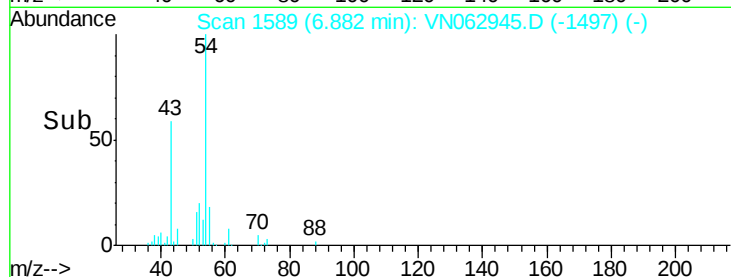
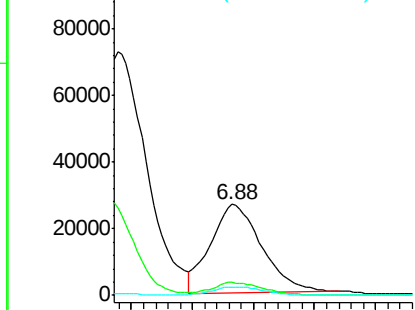
#37
 Ethyl Acetate
 Concen: 18.470 ug/l
 RT: 6.88 min Scan# 1589
 Delta R.T. -0.00 min
 Lab File: VN062945.D
 Acq: 14 Aug 2020 20:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0814WBSD02

Tgt Ion: 43 Resp: 77790
 Ion Ratio Lower Upper
 43 100
 61 14.3 12.1 18.1
 70 9.5 8.3 12.5

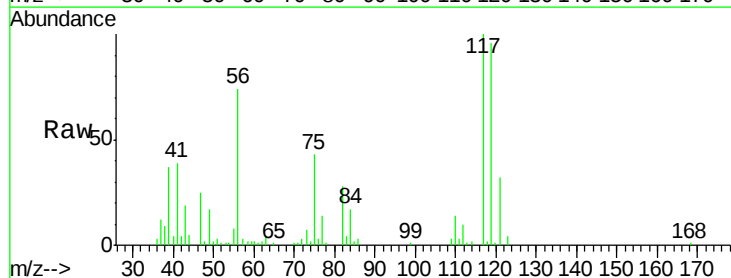


Abundance Ion 43.00 (42.70 to 43.70): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 70.00 (69.70 to 70.70): VN0

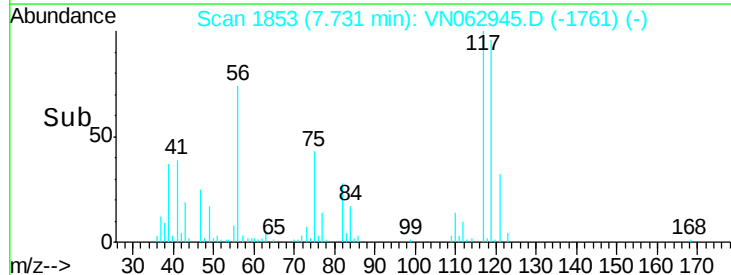
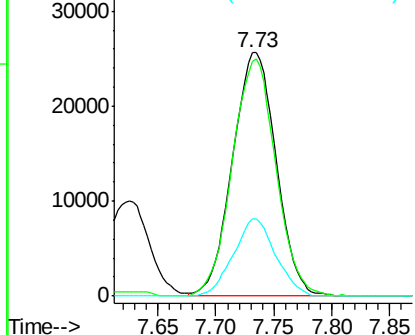


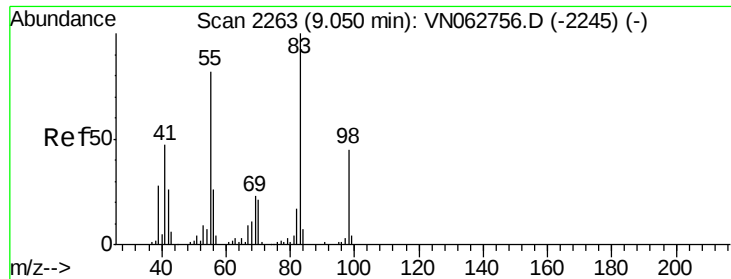
#38
 Carbon Tetrachloride
 Concen: 14.066 ug/l
 RT: 7.73 min Scan# 1853
 Delta R.T. -0.00 min
 Lab File: VN062945.D
 Acq: 14 Aug 2020 20:07

Tgt Ion: 117 Resp: 67071
 Ion Ratio Lower Upper
 117 100
 119 96.1 79.4 119.2
 121 31.8 24.9 37.3



Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 118.80 (118.50 to 119.50): V
 Ion 120.80 (120.50 to 121.50): V

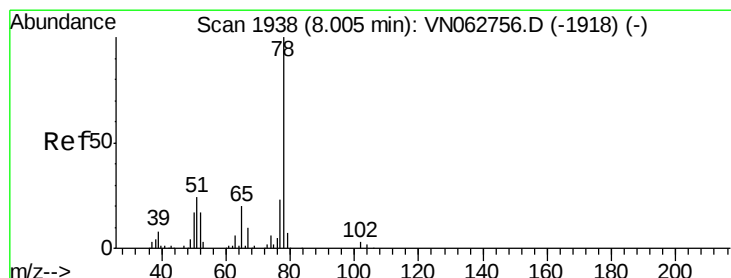
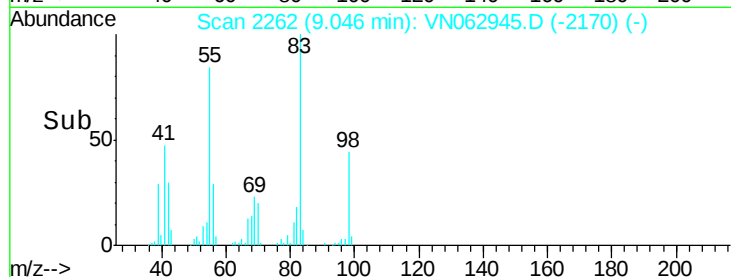
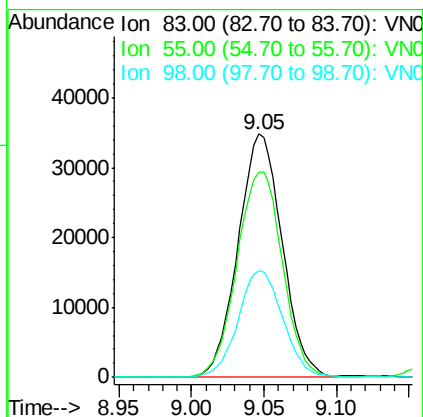
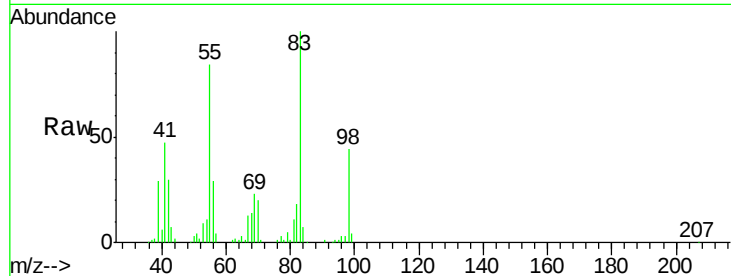




#39
Methylcyclohexane
Concen: 15.199 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062945.D
Acq: 14 Aug 2020 20:07

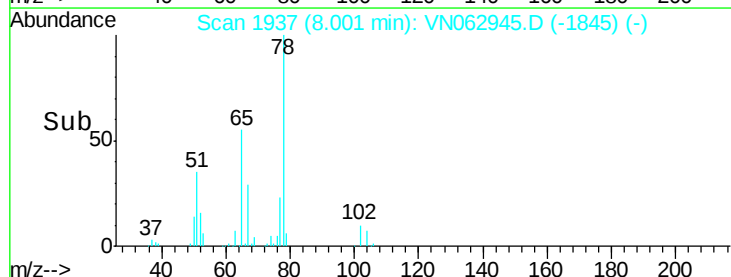
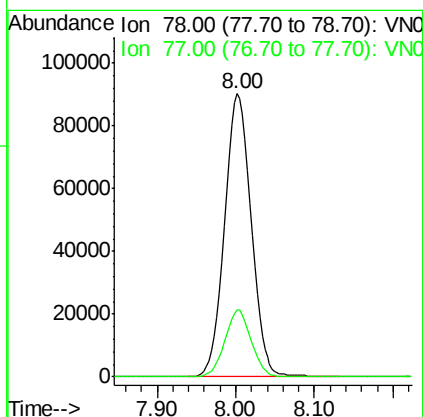
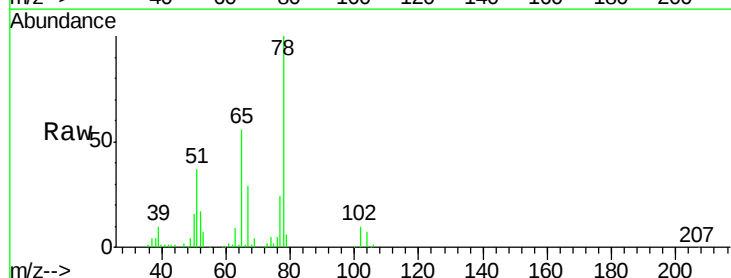
Instrument :
MSVOA_N
ClientSampleId :
VN0814WBSD02

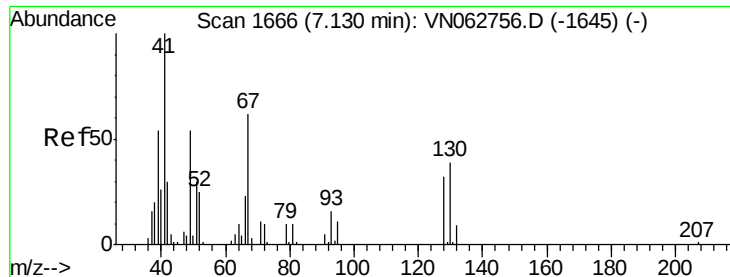
Tgt Ion: 83 Resp: 73745
Ion Ratio Lower Upper
83 100
55 84.3 65.7 98.5
98 43.6 35.6 53.4



#40
Benzene
Concen: 17.560 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062945.D
Acq: 14 Aug 2020 20:07

Tgt Ion: 78 Resp: 211270
Ion Ratio Lower Upper
78 100
77 23.7 18.1 27.1

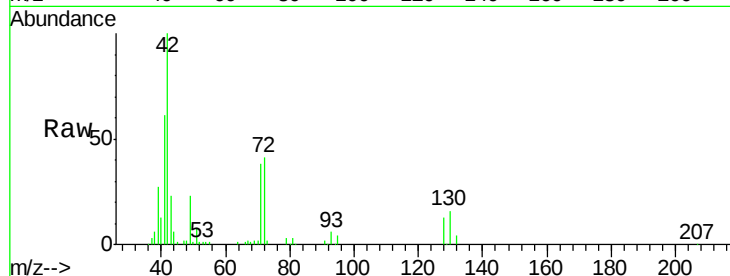




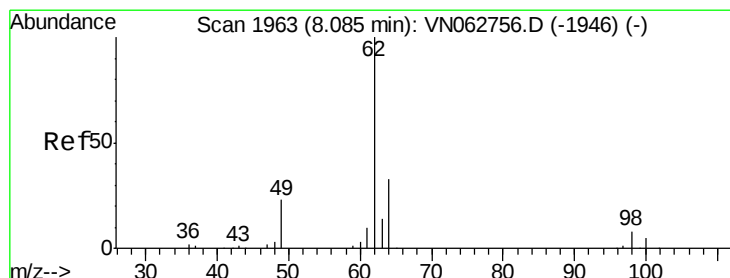
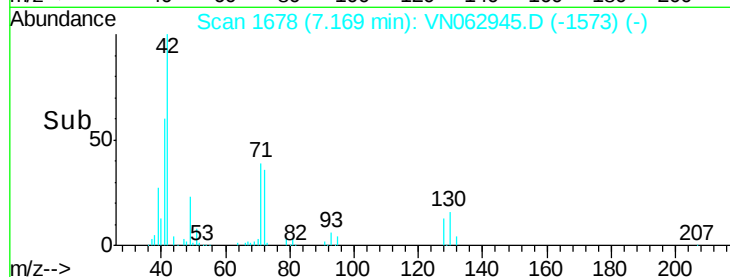
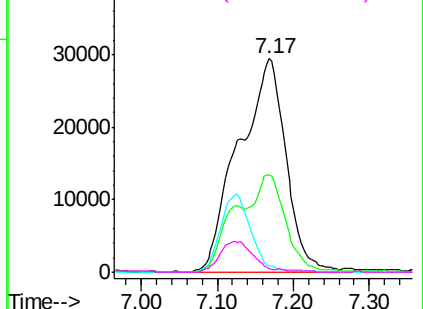
#41
Methacrylonitrile
Concen: 67.053 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.04 min
Lab File: VN062945.D
Acq: 14 Aug 2020 20:07

Instrument :
MSVOA_N
ClientSampleId :
VN0814WBSD02

Tgt Ion:	41	Resp:	127431
Ion	Ratio	Lower	Upper
41	100		
39	26.0	69.4	104.2#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

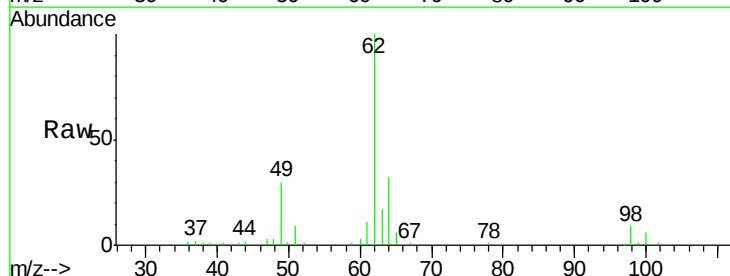


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

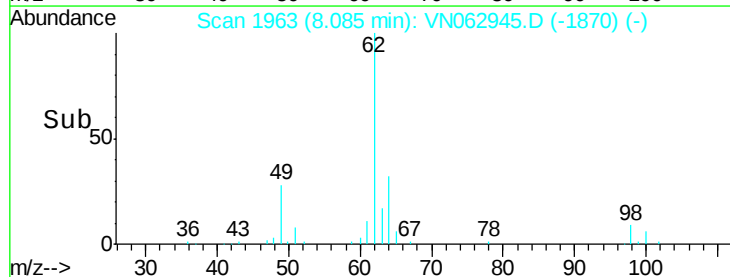
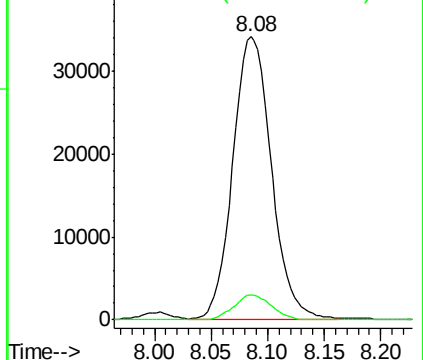


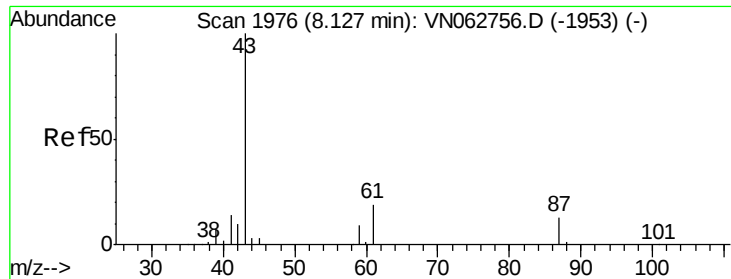
#42
1,2-Dichloroethane
Concen: 15.901 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062945.D
Acq: 14 Aug 2020 20:07

Tgt Ion:	62	Resp:	81422
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: 17.918 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062945.D

Acq: 14 Aug 2020 20:07

Instrument :

MSVOA_N

ClientSampleId :

VN0814WBSD02

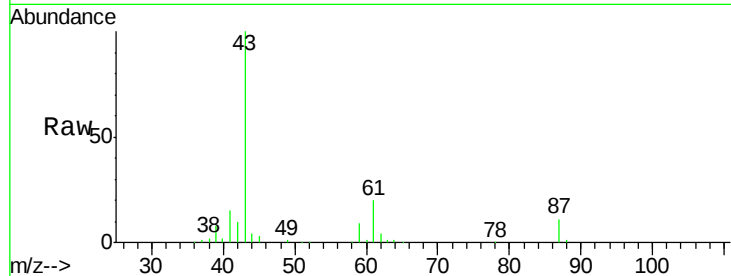
Tgt Ion: 43 Resp: 125869

Ion Ratio Lower Upper

43 100

61 19.1 15.8 23.6

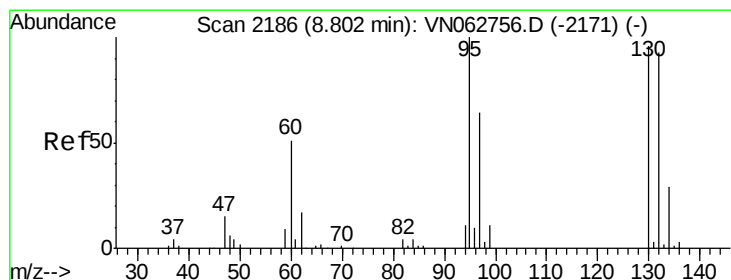
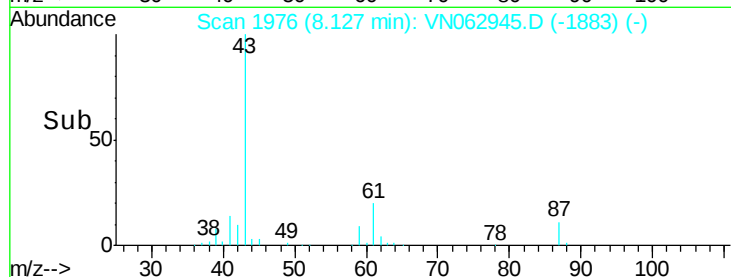
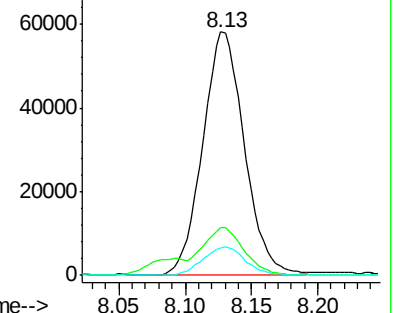
87 12.0 9.9 14.9



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: 16.262 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN062945.D

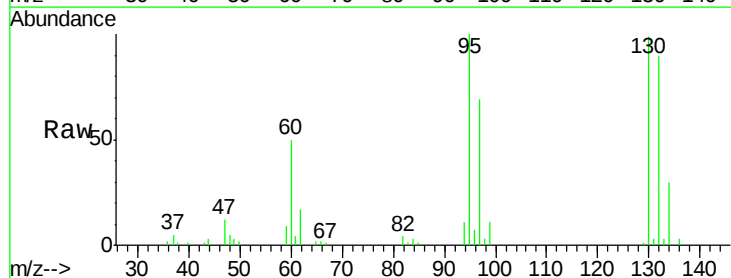
Acq: 14 Aug 2020 20:07

Tgt Ion: 130 Resp: 47665

Ion Ratio Lower Upper

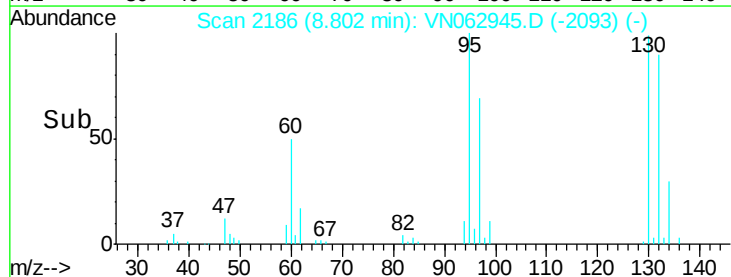
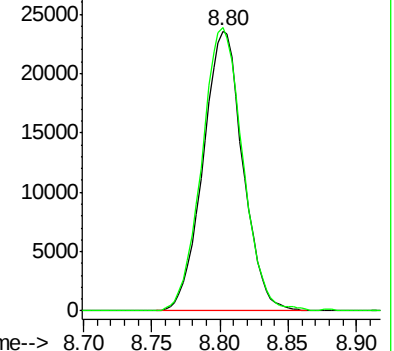
130 100

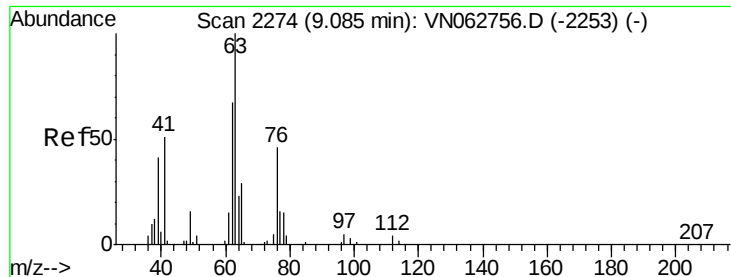
95 101.2 0.0 207.6



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

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

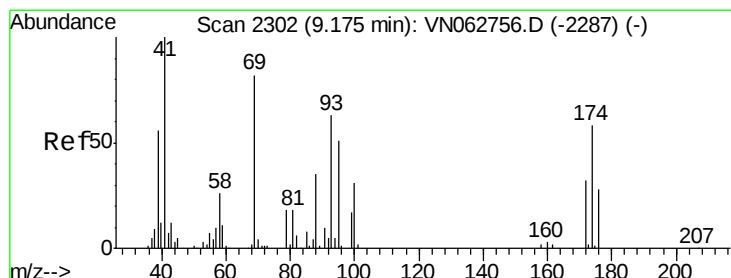
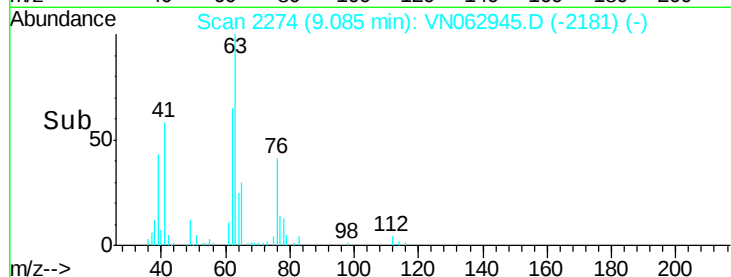
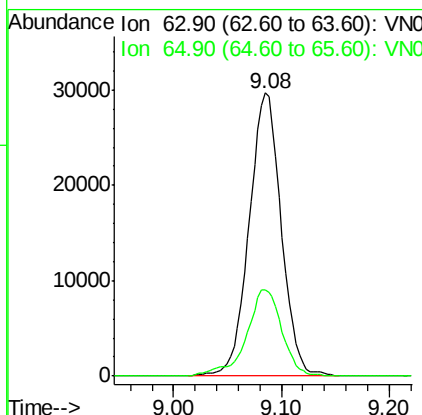
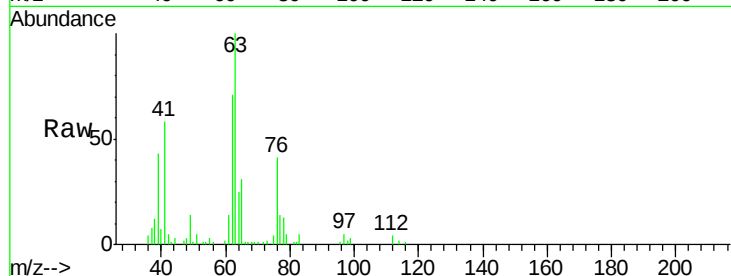




#45
 1,2-Dichloropropane
 Concen: 18.823 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN062945.D
 Acq: 14 Aug 2020 20:07

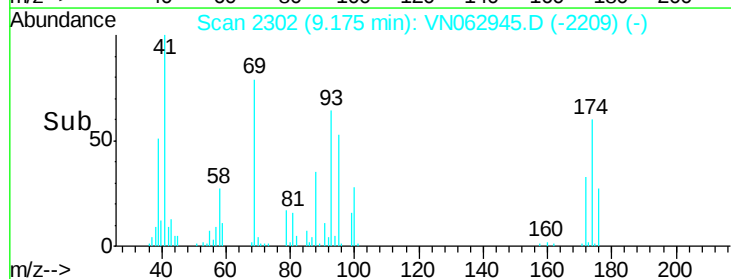
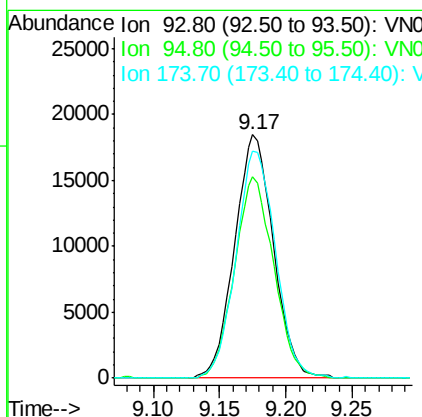
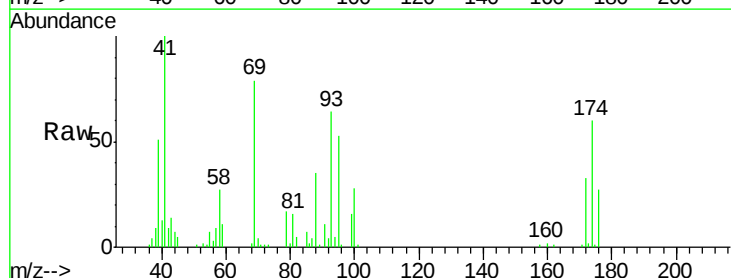
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0814WBSD02

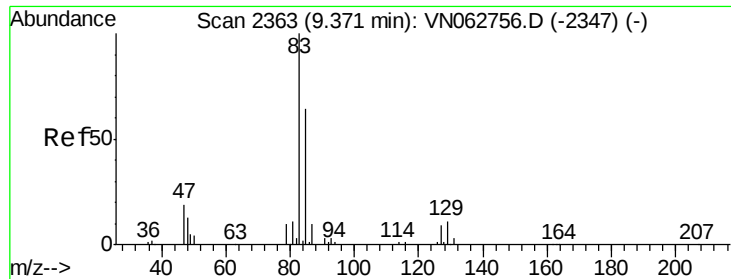
Tgt Ion: 63 Resp: 61292
 Ion Ratio Lower Upper
 63 100
 65 30.6 23.5 35.3



#46
 Dibromomethane
 Concen: 17.625 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN062945.D
 Acq: 14 Aug 2020 20:07

Tgt Ion: 93 Resp: 37603
 Ion Ratio Lower Upper
 93 100
 95 83.7 65.1 97.7
 174 94.8 73.9 110.9





#47

Bromodichloromethane

Concen: 16.886 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. -0.00 min

Lab File: VN062945.D

Acq: 14 Aug 2020 20:07

Instrument :

MSVOA_N

ClientSampleId :

VN0814WBSD02

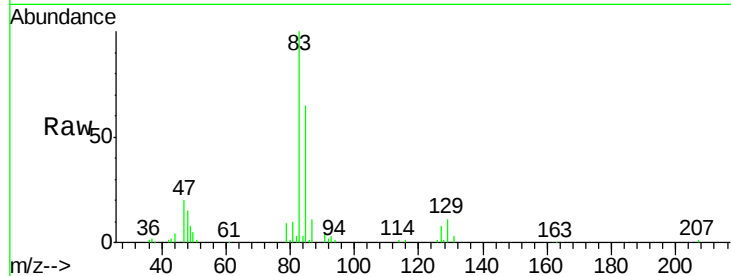
Tgt Ion: 83 Resp: 80914

Ion Ratio Lower Upper

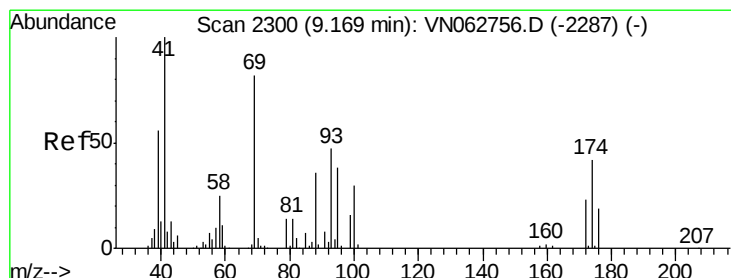
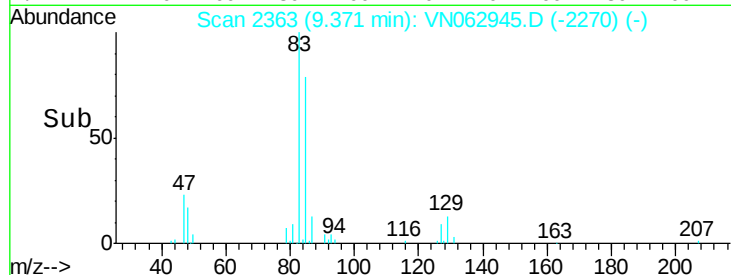
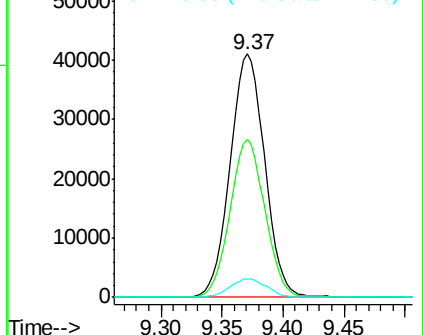
83 100

85 65.1 51.4 77.0

127 7.8 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: 18.298 ug/l

RT: 9.17 min Scan# 2300

Delta R.T. -0.00 min

Lab File: VN062945.D

Acq: 14 Aug 2020 20:07

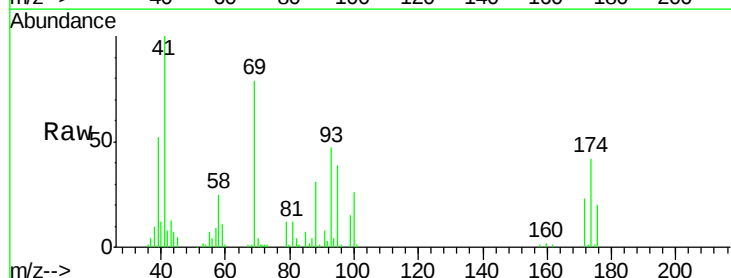
Tgt Ion: 41 Resp: 63225

Ion Ratio Lower Upper

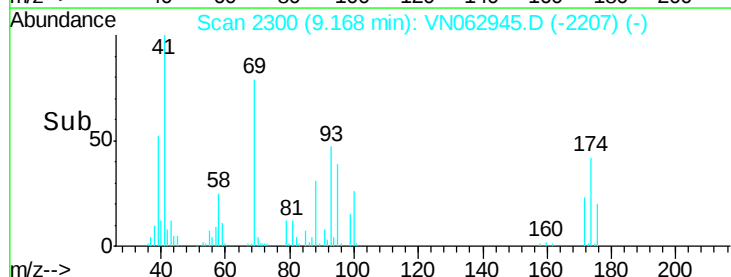
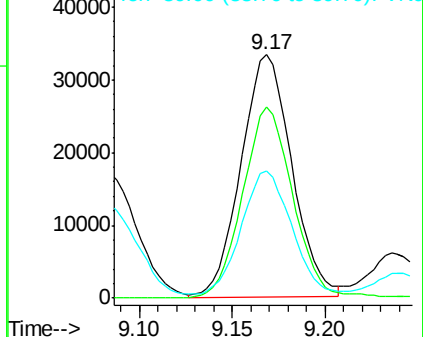
41 100

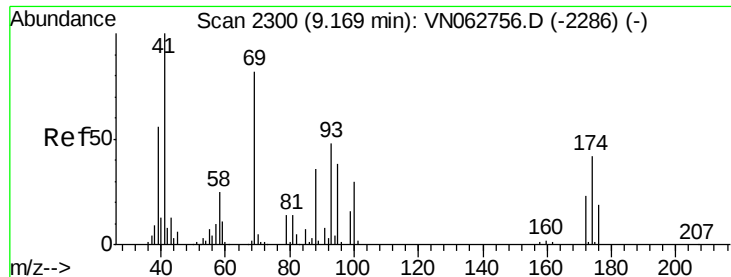
69 78.8 67.4 101.2

39 53.0 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

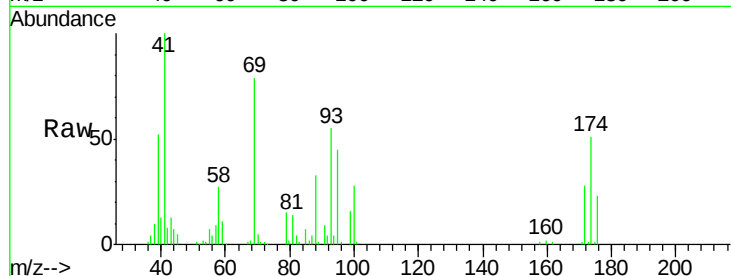




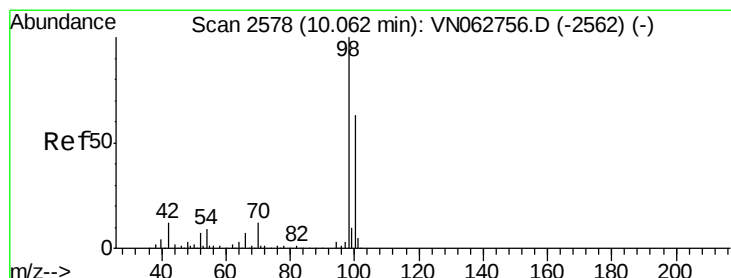
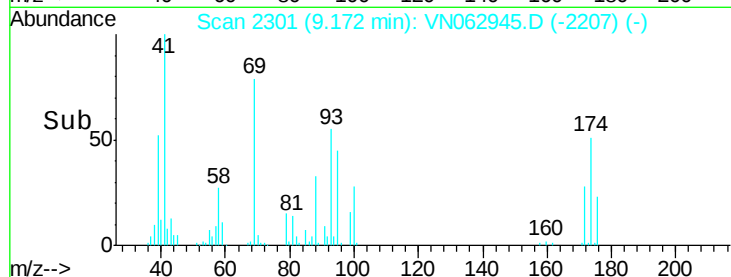
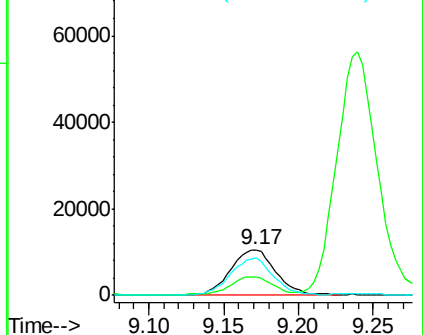
#49
 1,4-Dioxane
 Concen: 345.713 ug/l
 RT: 9.17 min Scan# 2301
 Delta R.T. 0.00 min
 Lab File: VN062945.D
 Acq: 14 Aug 2020 20:07

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0814WBSD02

Tgt Ion: 88 Resp: 22134
 Ion Ratio Lower Upper
 88 100
 43 39.6 29.5 44.3
 58 78.6 59.8 89.8

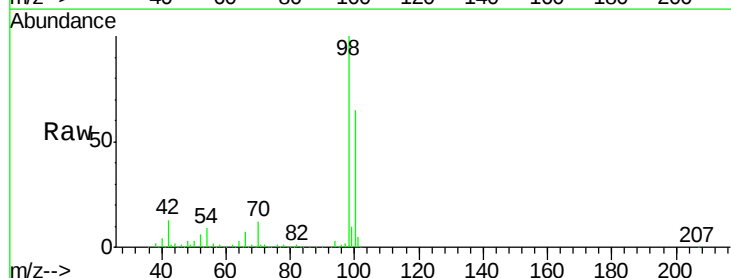


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

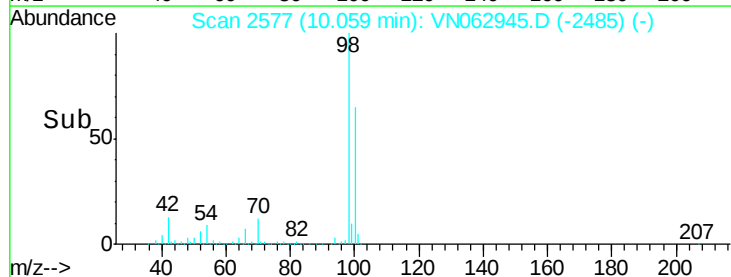
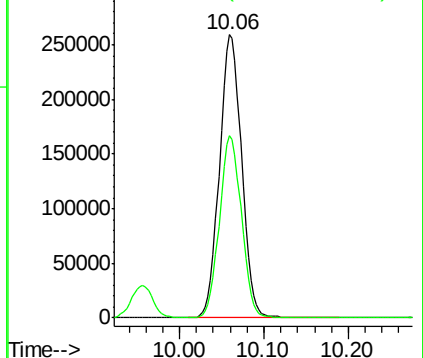


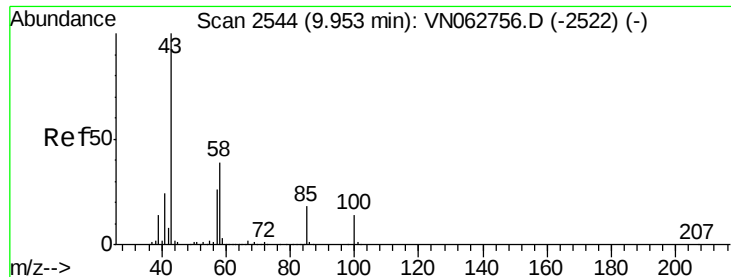
#50
 Toluene-d8
 Concen: 42.770 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. -0.00 min
 Lab File: VN062945.D
 Acq: 14 Aug 2020 20:07

Tgt Ion: 98 Resp: 472951
 Ion Ratio Lower Upper
 98 100
 100 63.9 50.9 76.3



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

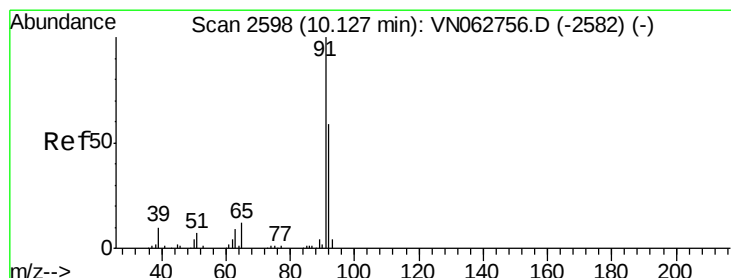
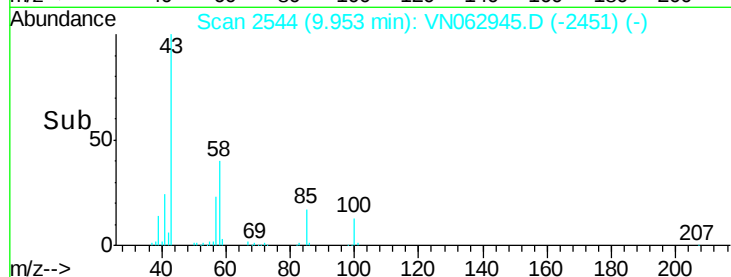
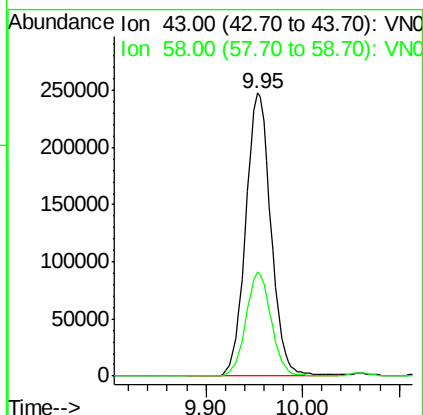
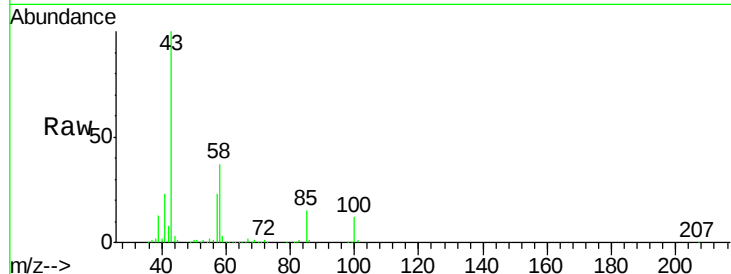




#51
 4-Methyl-2-Pentanone
 Concen: 98.342 ug/l
 RT: 9.95 min Scan# 2544
 Delta R.T. -0.00 min
 Lab File: VN062945.D
 Acq: 14 Aug 2020 20:07

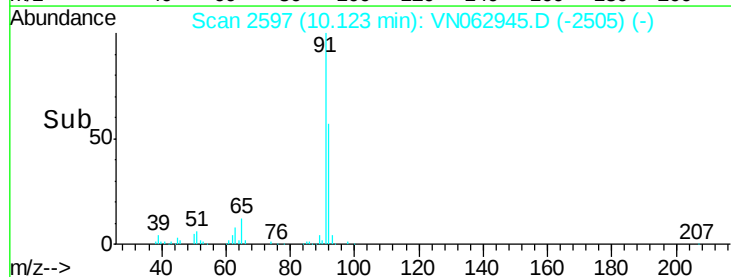
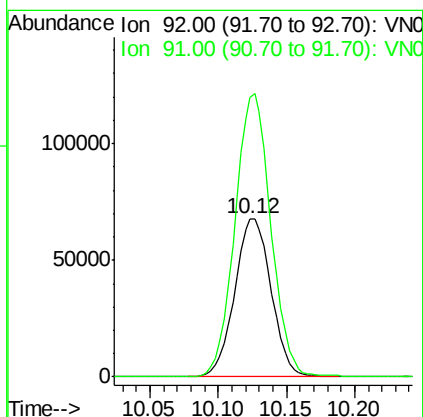
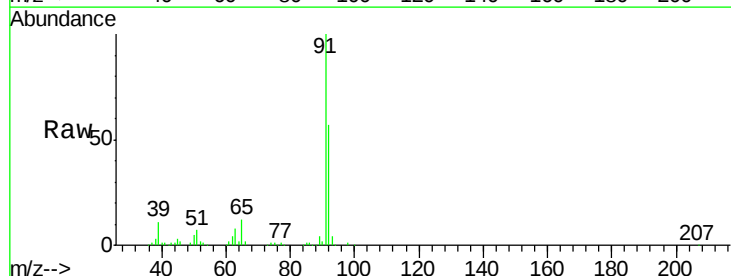
Instrument :
 MSVOA_N
 ClientSampleID :
 VN0814WBSD02

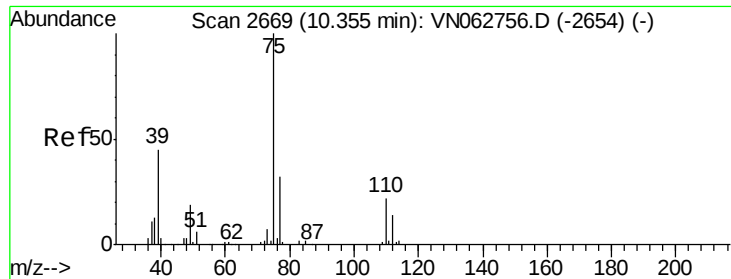
Tgt Ion: 43 Resp: 446982
 Ion Ratio Lower Upper
 43 100
 58 36.9 31.1 46.7



#52
 Toluene
 Concen: 16.957 ug/l
 RT: 10.12 min Scan# 2597
 Delta R.T. -0.00 min
 Lab File: VN062945.D
 Acq: 14 Aug 2020 20:07

Tgt Ion: 92 Resp: 125961
 Ion Ratio Lower Upper
 92 100
 91 175.9 138.9 208.3





#53

t-1,3-Dichloropropene

Concen: 15.938 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062945.D

Acq: 14 Aug 2020 20:07

Instrument :

MSVOA_N

ClientSampled :

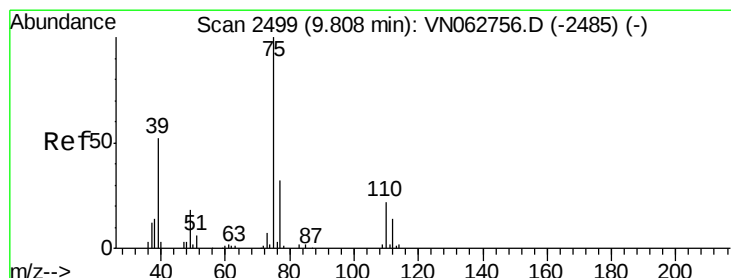
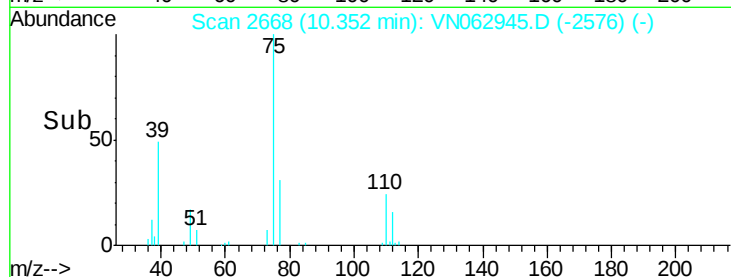
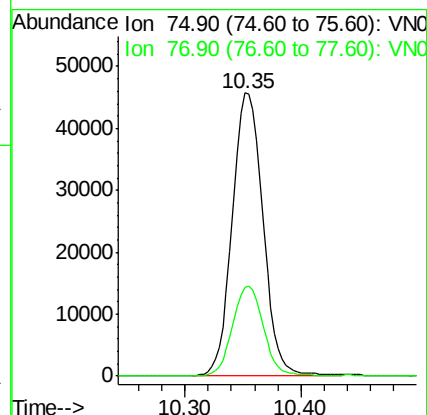
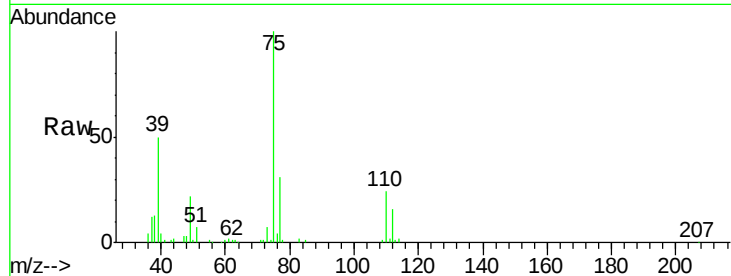
VN0814WBSD02

Tgt Ion: 75 Resp: 84004

Ion Ratio Lower Upper

75 100

77 31.2 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 17.124 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN062945.D

Acq: 14 Aug 2020 20:07

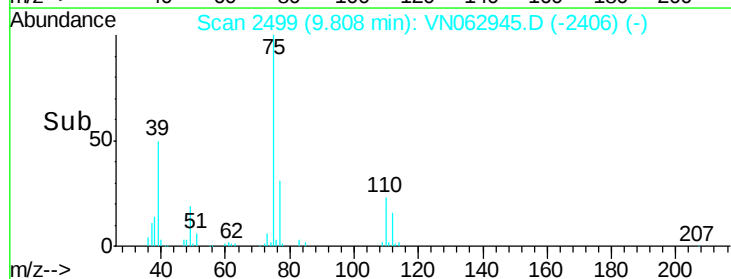
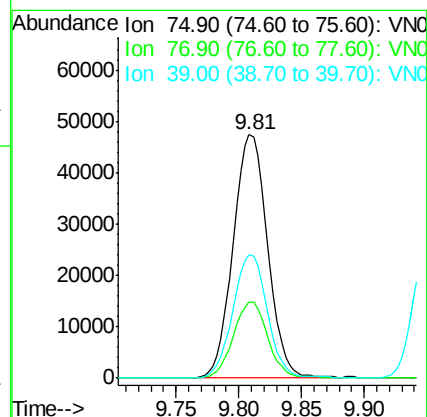
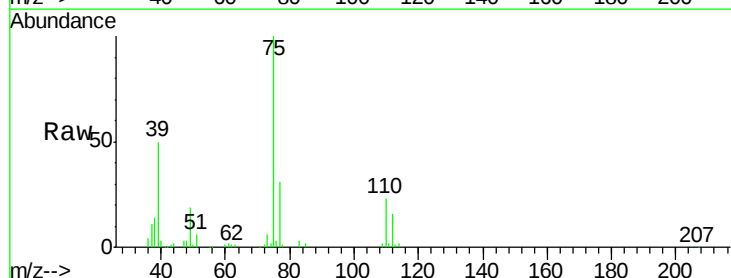
Tgt Ion: 75 Resp: 90620

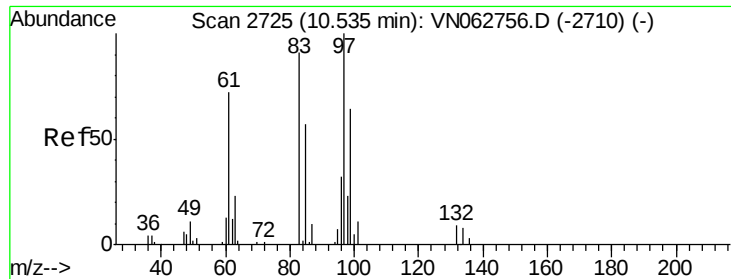
Ion Ratio Lower Upper

75 100

77 31.4 25.5 38.3

39 50.4 41.9 62.9

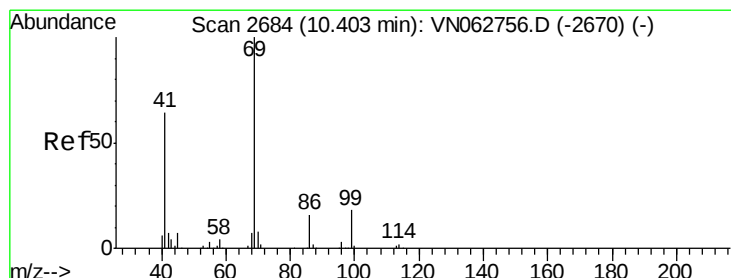
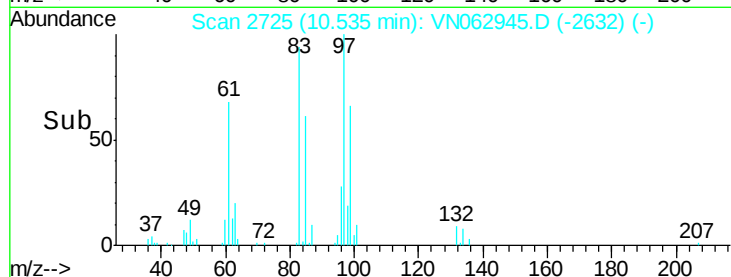
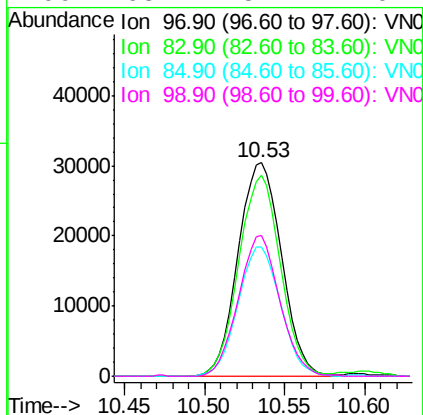
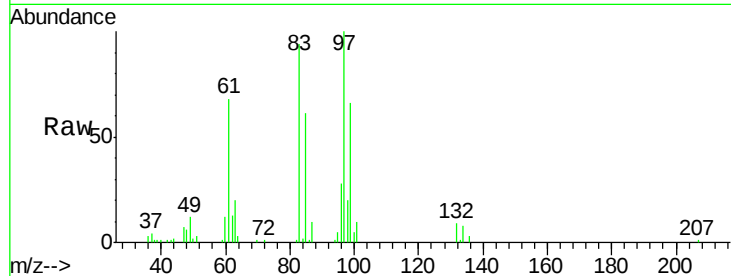




#55
 1,1,2-Trichloroethane
 Concen: 17.821 ug/l
 RT: 10.53 min Scan# 2725
 Delta R.T. -0.00 min
 Lab File: VN062945.D
 Acq: 14 Aug 2020 20:07

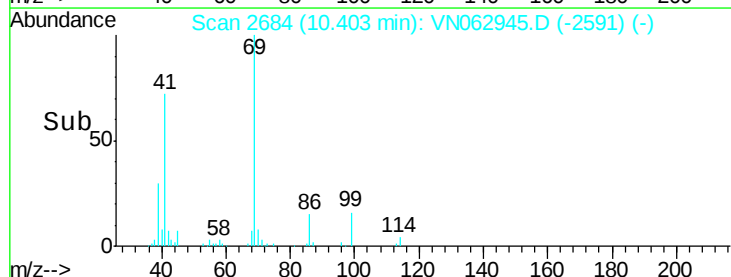
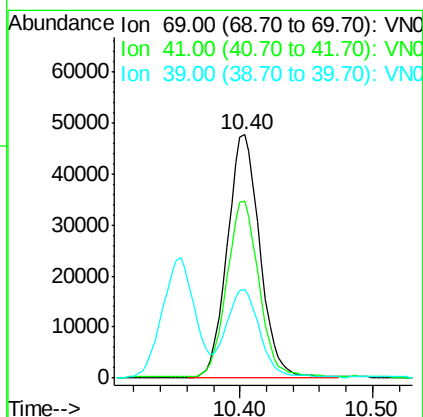
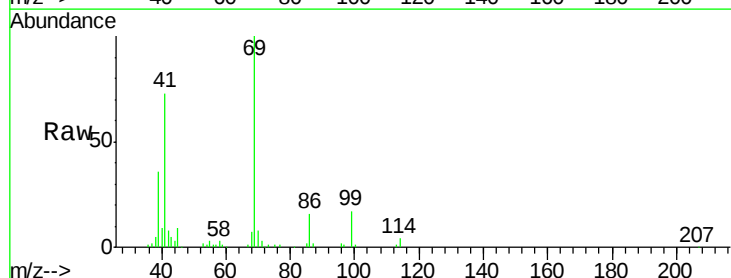
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0814WBSD02

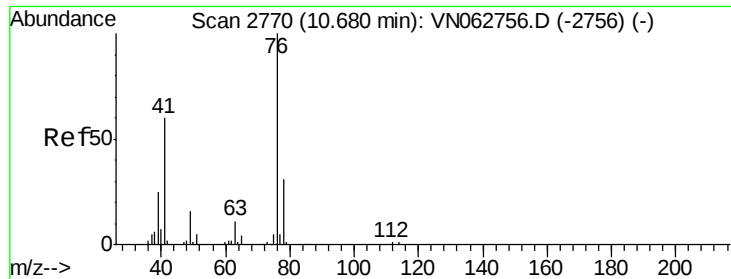
Tgt Ion:	97	Resp:	56538
Ion	Ratio	Lower	Upper
97	100		
83	93.9	72.6	108.8
85	60.8	46.0	69.0
99	65.7	51.1	76.7



#56
 Ethyl methacrylate
 Concen: 17.069 ug/l
 RT: 10.40 min Scan# 2684
 Delta R.T. -0.00 min
 Lab File: VN062945.D
 Acq: 14 Aug 2020 20:07

Tgt Ion:	69	Resp:	81511
Ion	Ratio	Lower	Upper
69	100		
41	71.0	52.2	78.2
39	38.9	30.9	46.3





#57

1,3-Dichloropropane

Concen: 18.167 ug/l

RT: 10.68 min Scan# 2770

Delta R.T. -0.00 min

Lab File: VN062945.D

Acq: 14 Aug 2020 20:07

Instrument :

MSVOA_N

ClientSampleId :

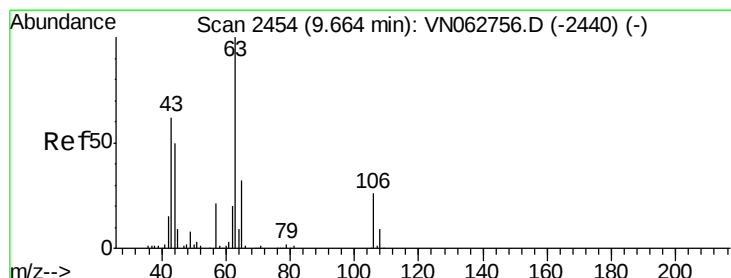
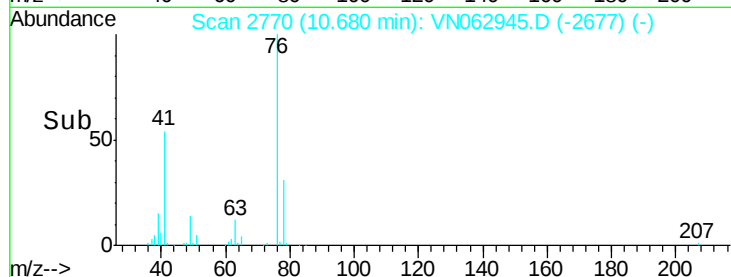
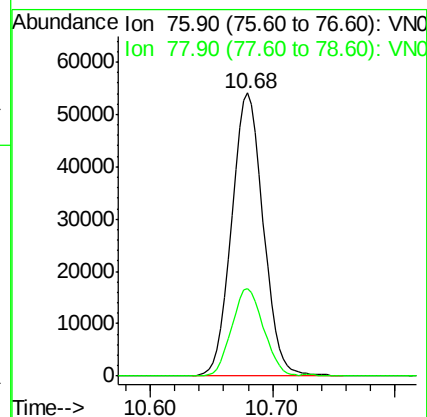
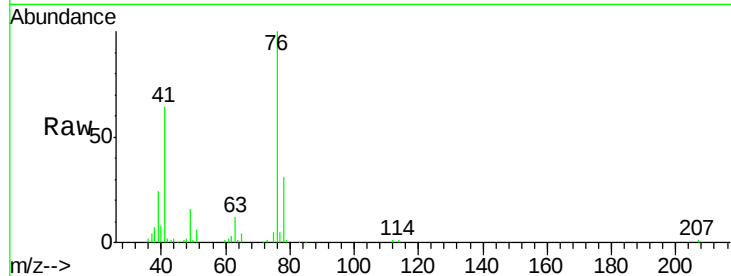
VN0814WBSD02

Tgt Ion: 76 Resp: 97931

Ion Ratio Lower Upper

76 100

78 31.2 25.4 38.0



#58

2-Chloroethyl Vinyl ether

Concen: 68.154 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. -0.00 min

Lab File: VN062945.D

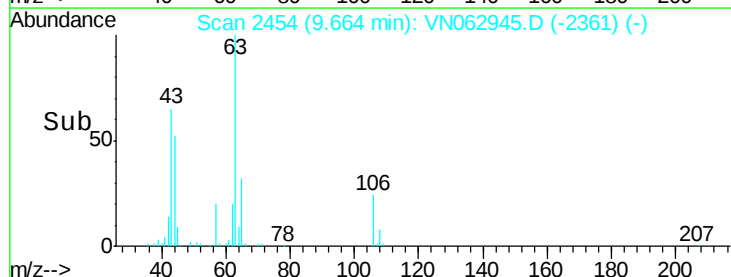
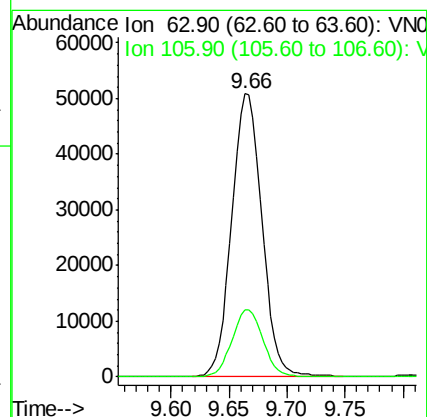
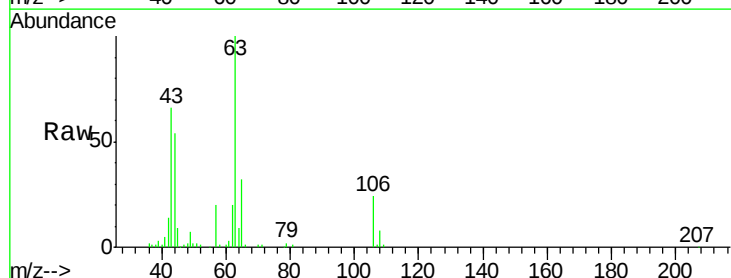
Acq: 14 Aug 2020 20:07

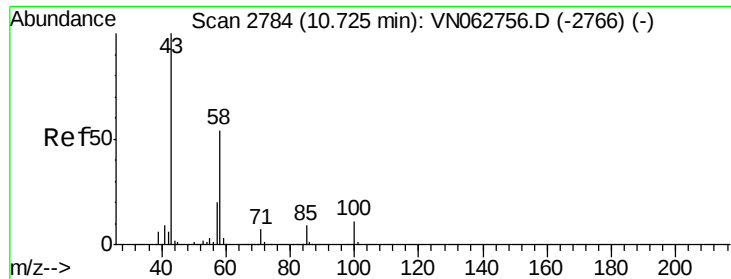
Tgt Ion: 63 Resp: 91994

Ion Ratio Lower Upper

63 100

106 24.0 20.9 31.3

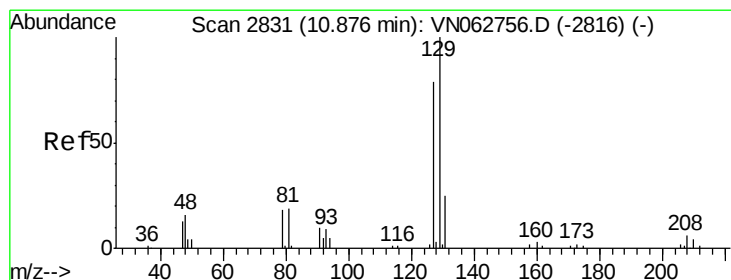
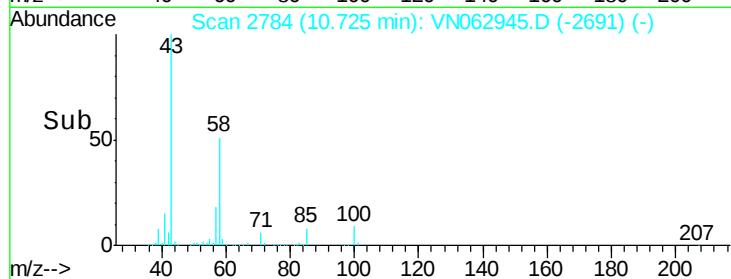
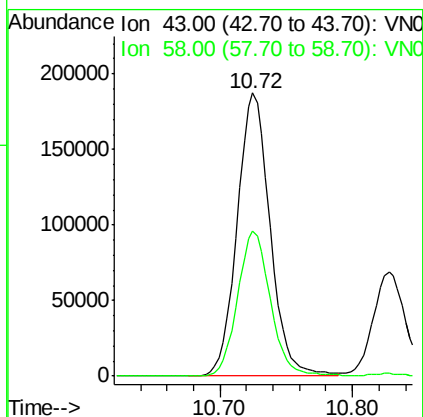
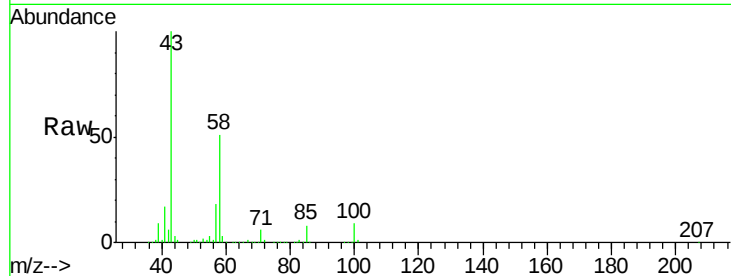




#59
2-Hexanone
Concen: 94.923 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. -0.00 min
Lab File: VN062945.D
Acq: 14 Aug 2020 20:07

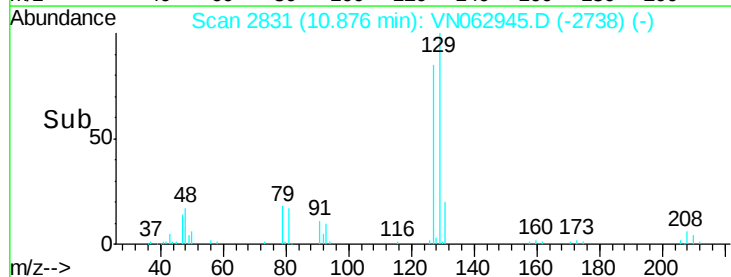
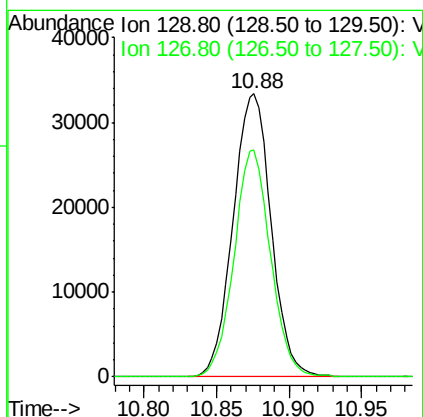
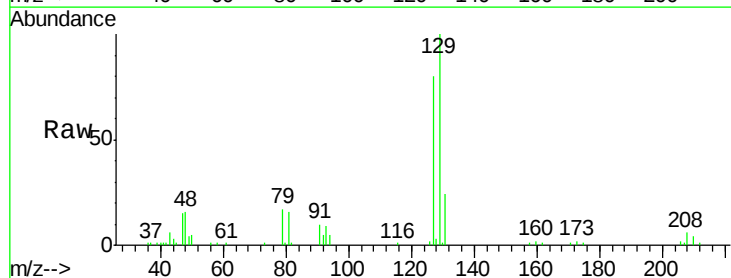
Instrument :
MSVOA_N
ClientSampleId :
VN0814WBSD02

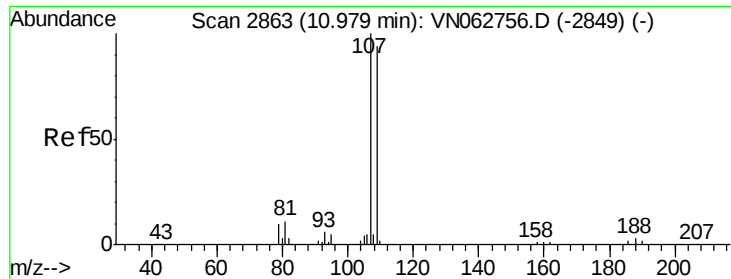
Tgt Ion: 43 Resp: 321832
Ion Ratio Lower Upper
43 100
58 51.2 26.7 80.1



#60
Dibromochloromethane
Concen: 16.805 ug/l
RT: 10.88 min Scan# 2831
Delta R.T. -0.00 min
Lab File: VN062945.D
Acq: 14 Aug 2020 20:07

Tgt Ion: 129 Resp: 60840
Ion Ratio Lower Upper
129 100
127 76.8 39.1 117.2

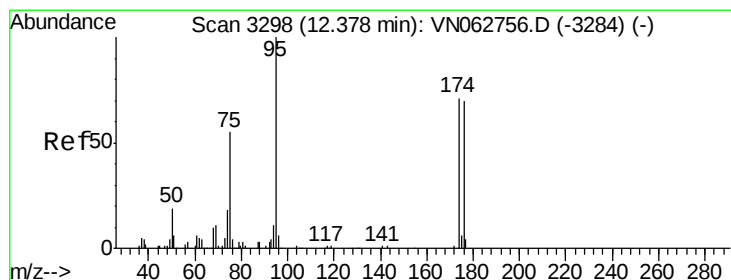
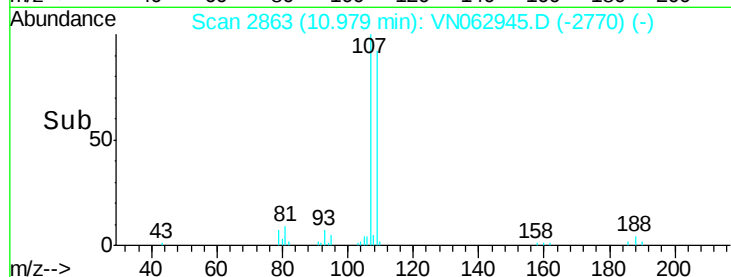
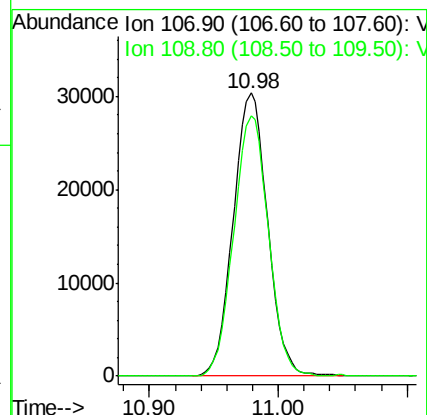
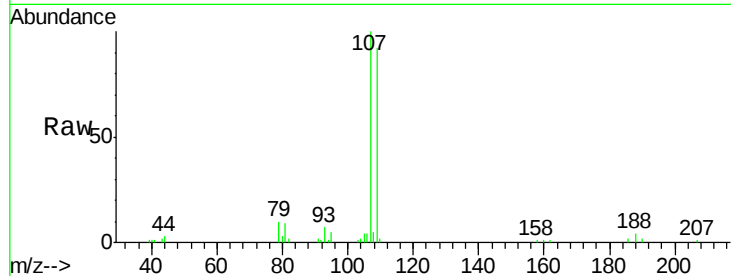




#61
 1,2-Dibromoethane
 Concen: 17.955 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. -0.00 min
 Lab File: VN062945.D
 Acq: 14 Aug 2020 20:07

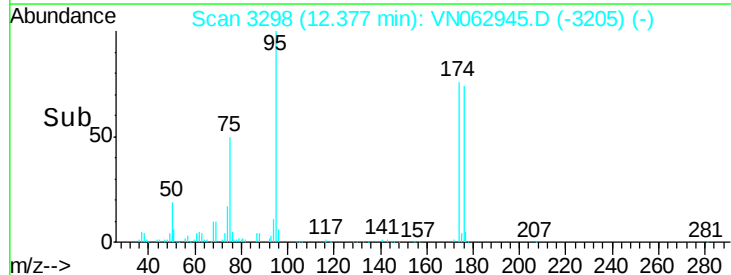
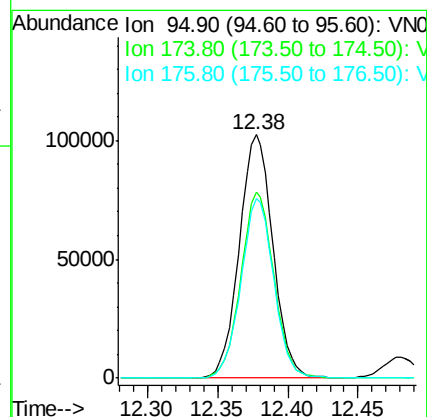
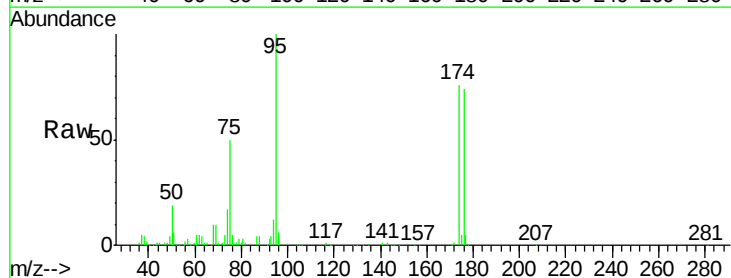
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0814WBSD02

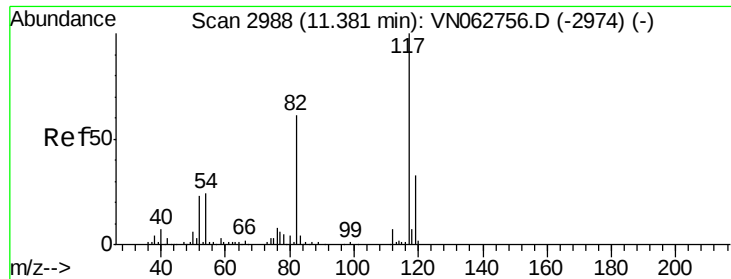
Tgt Ion: 107 Resp: 56210
 Ion Ratio Lower Upper
 107 100
 109 92.7 76.1 114.1



#62
 4-Bromofluorobenzene
 Concen: 40.983 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062945.D
 Acq: 14 Aug 2020 20:07

Tgt Ion: 95 Resp: 171260
 Ion Ratio Lower Upper
 95 100
 174 75.3 0.0 144.8
 176 72.2 0.0 142.2

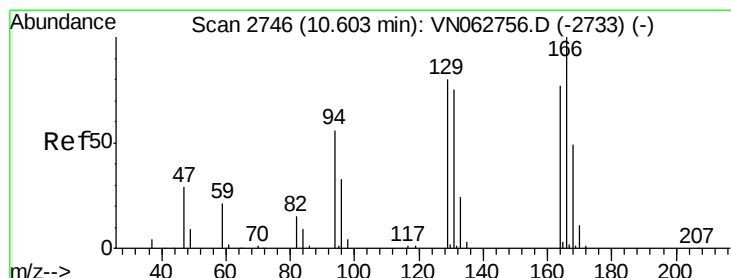
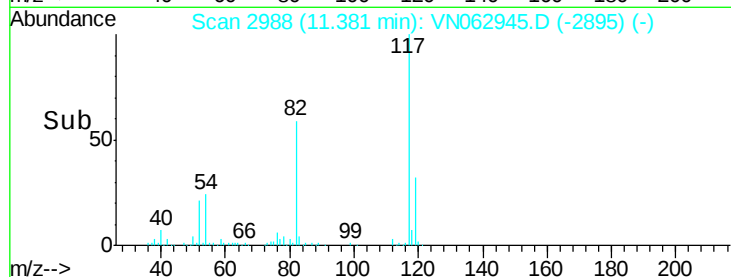
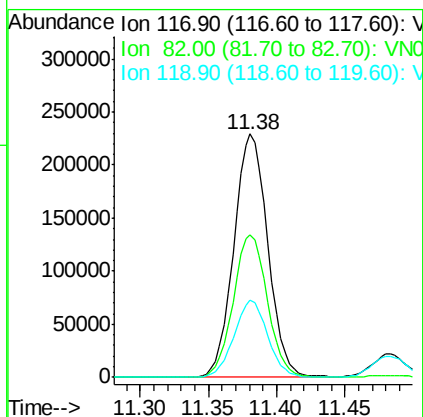
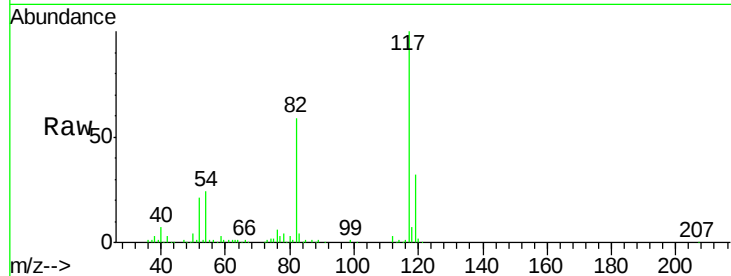




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062945.D
Acq: 14 Aug 2020 20:07

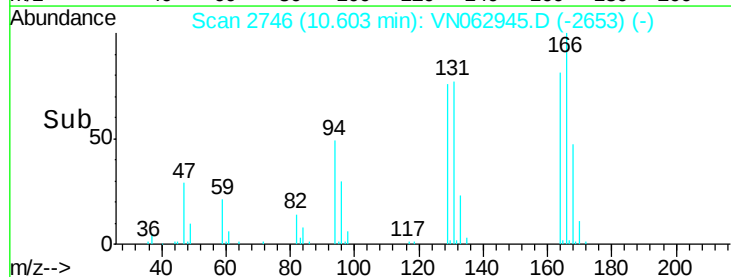
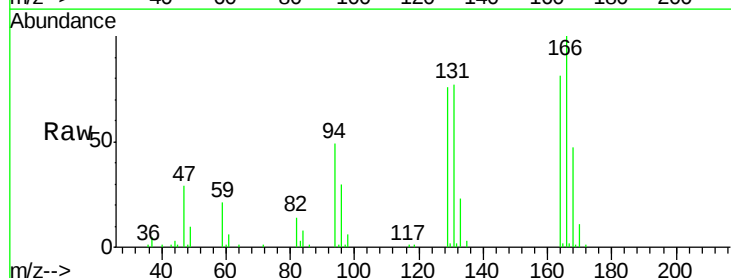
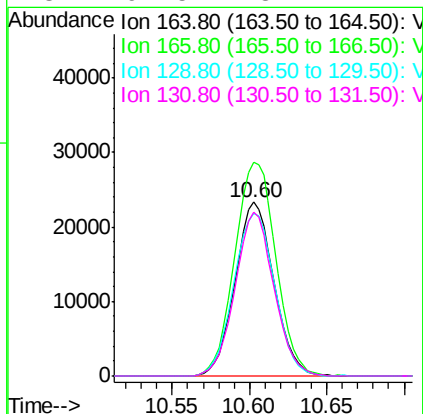
Instrument :
MSVOA_N
ClientSampleId :
VN0814WBSD02

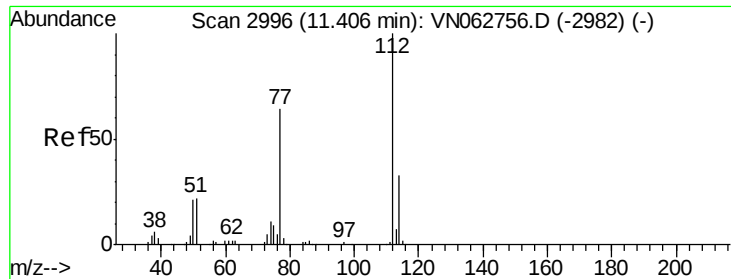
Tgt Ion:117 Resp: 395879
Ion Ratio Lower Upper
117 100
82 58.7 49.0 73.4
119 31.7 26.2 39.2



#64
Tetrachloroethene
Concen: 15.957 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062945.D
Acq: 14 Aug 2020 20:07

Tgt Ion:164 Resp: 40759
Ion Ratio Lower Upper
164 100
166 123.0 103.8 155.8
129 93.6 82.7 124.1
131 94.5 78.2 117.2

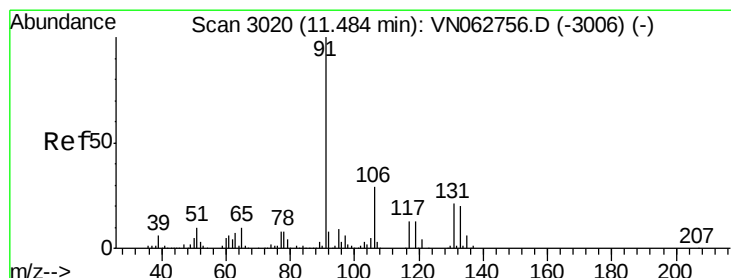
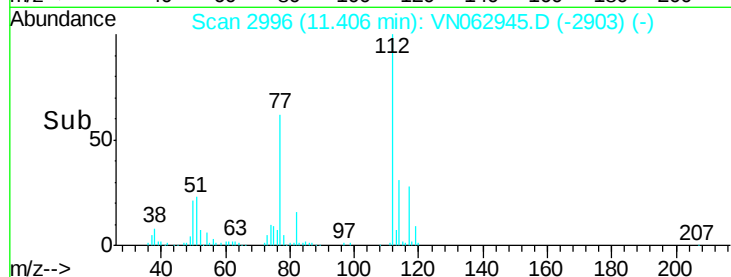
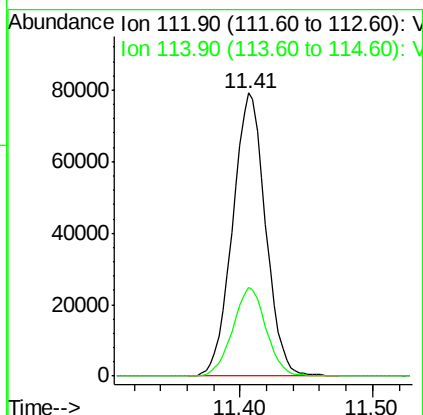
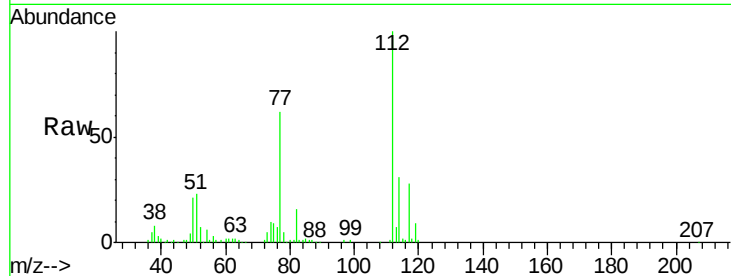




#65
Chlorobenzene
Concen: 16.513 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062945.D
Acq: 14 Aug 2020 20:07

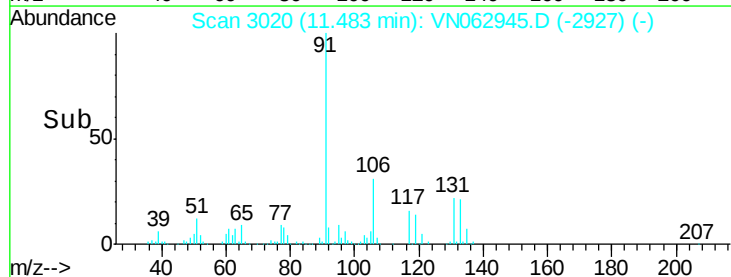
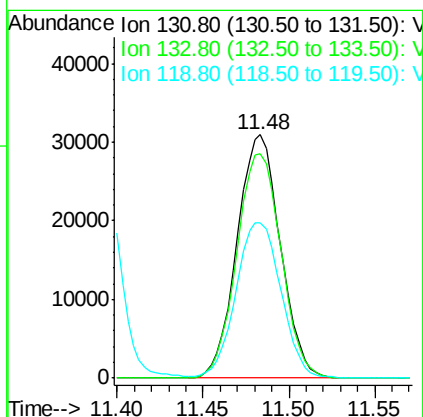
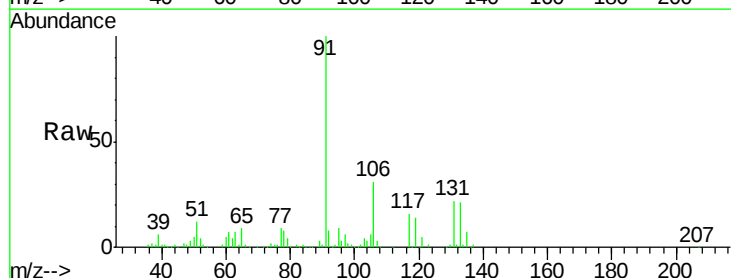
Instrument :
MSVOA_N
ClientSampleId :
VN0814WBSD02

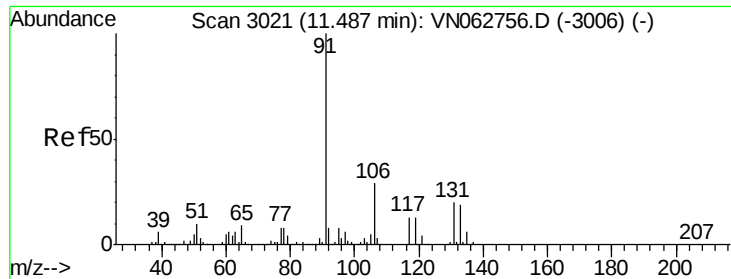
Tgt Ion:112 Resp: 136649
Ion Ratio Lower Upper
112 100
114 31.3 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 16.302 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062945.D
Acq: 14 Aug 2020 20:07

Tgt Ion:131 Resp: 54175
Ion Ratio Lower Upper
131 100
133 94.4 48.6 145.8
119 66.7 32.2 96.6

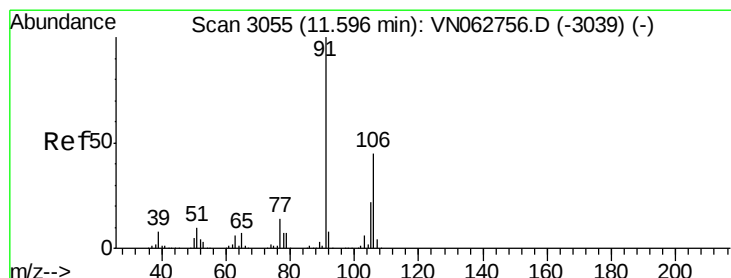
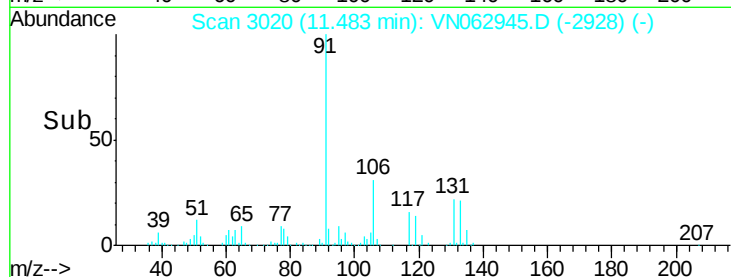
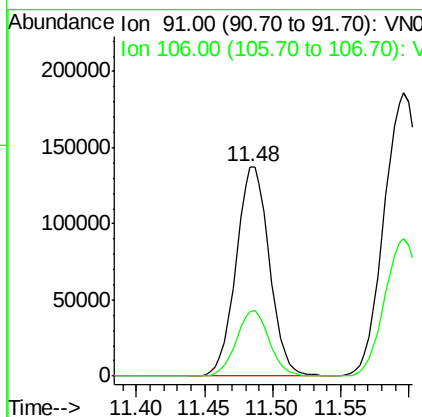
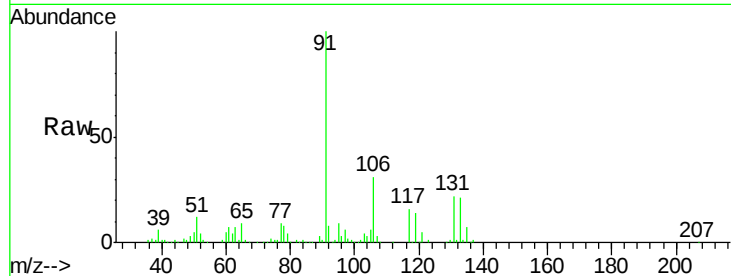




#67
Ethyl Benzene
Concen: 15.745 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062945.D
Acq: 14 Aug 2020 20:07

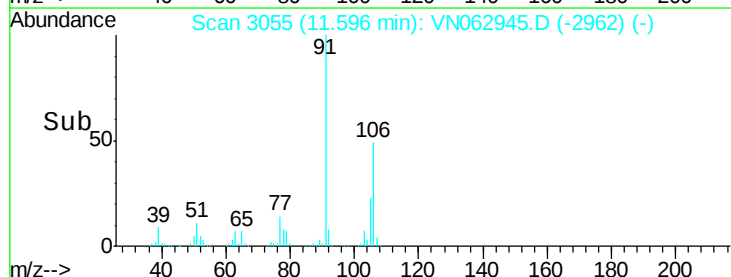
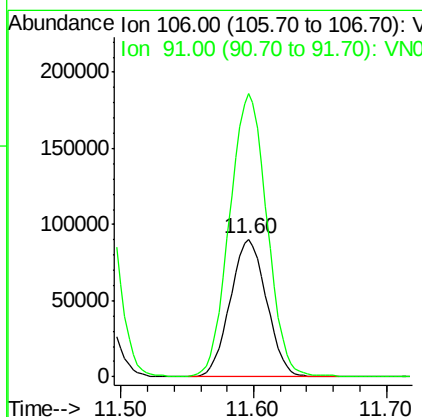
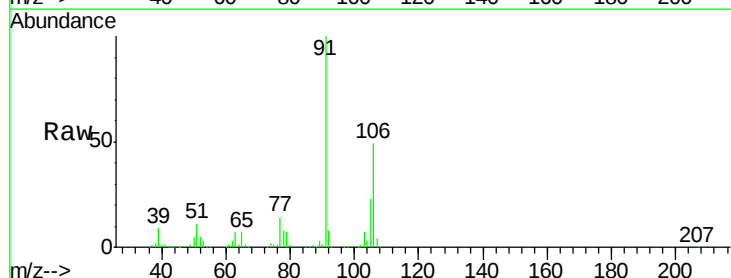
Instrument :
MSVOA_N
ClientSampled :
VN0814WBSD02

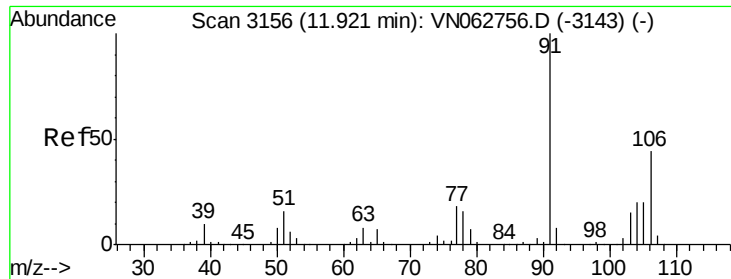
Tgt Ion: 91 Resp: 233163
Ion Ratio Lower Upper
91 100
106 31.0 23.2 34.8



#68
m/p-Xylenes
Concen: 32.108 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. -0.00 min
Lab File: VN062945.D
Acq: 14 Aug 2020 20:07

Tgt Ion: 106 Resp: 172596
Ion Ratio Lower Upper
106 100
91 210.4 175.9 263.9

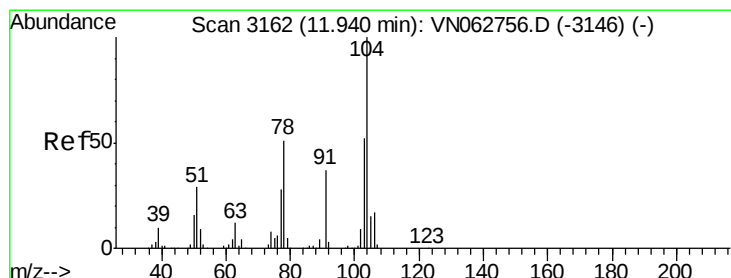
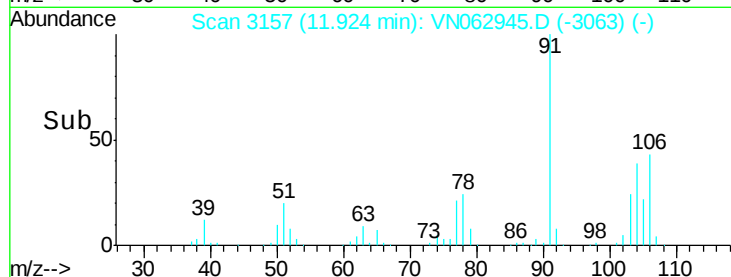
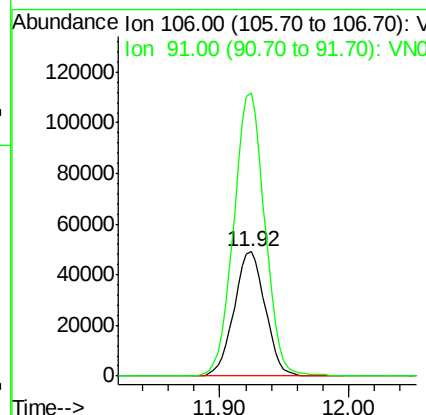
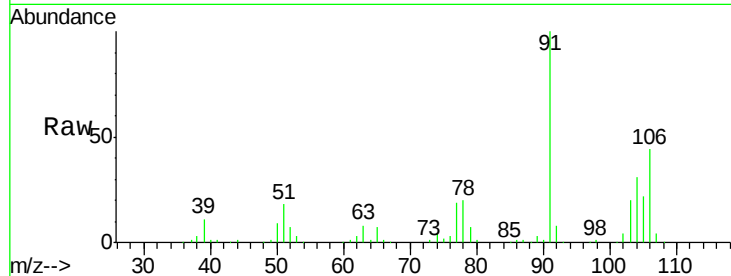




#69
o-Xylene
Concen: 16.413 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VN062945.D
Acq: 14 Aug 2020 20:07

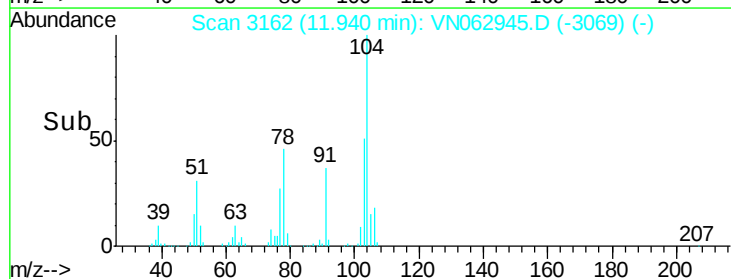
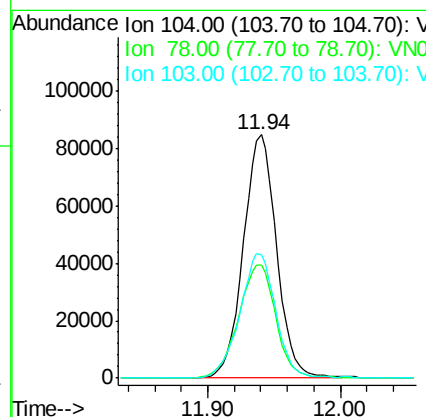
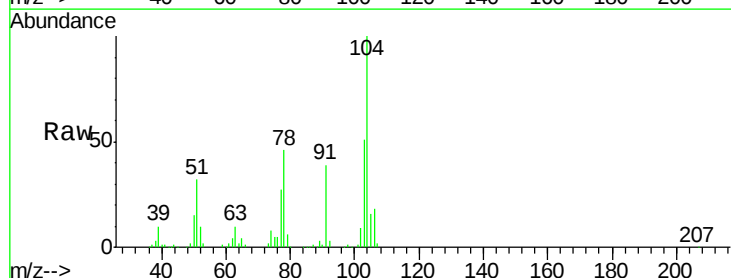
Instrument :
MSVOA_N
ClientSampleId :
VN0814WBSD02

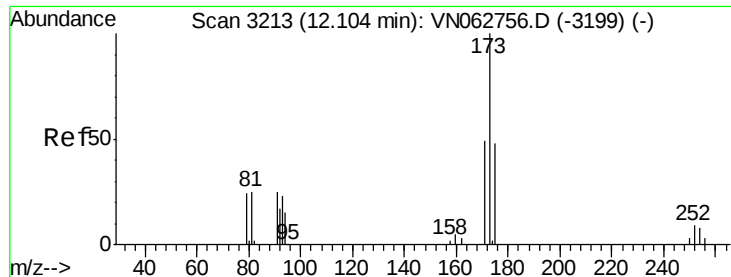
Tgt Ion:106 Resp: 82683
Ion Ratio Lower Upper
106 100
91 226.5 115.8 347.4



#70
Styrene
Concen: 16.686 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN062945.D
Acq: 14 Aug 2020 20:07

Tgt Ion:104 Resp: 147751
Ion Ratio Lower Upper
104 100
78 52.3 45.9 68.9
103 55.0 45.1 67.7





#71

Bromoform

Concen: 16.262 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062945.D

Acq: 14 Aug 2020 20:07

Instrument :

MSVOA_N

ClientSampleId :

VN0814WBSD02

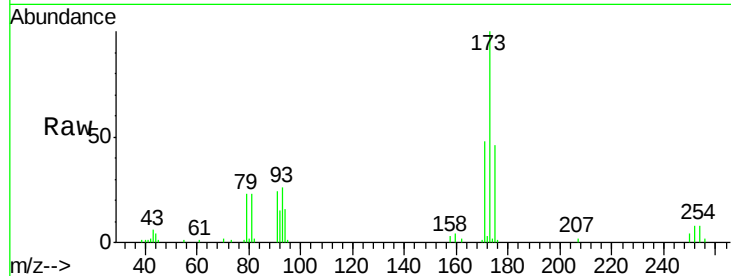
Tgt Ion:173 Resp: 44217

Ion Ratio Lower Upper

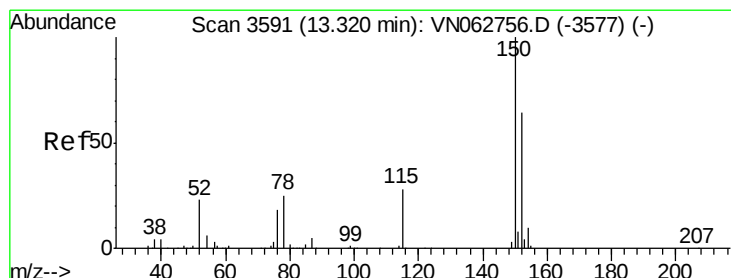
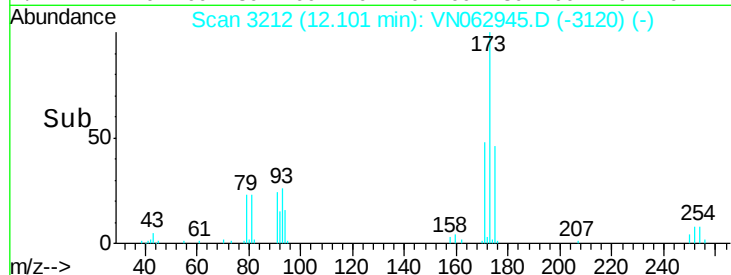
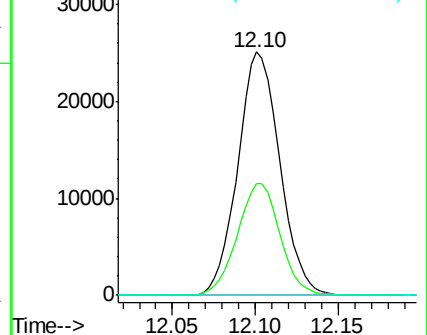
173 100

175 46.6 24.0 72.0

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. -0.00 min

Lab File: VN062945.D

Acq: 14 Aug 2020 20:07

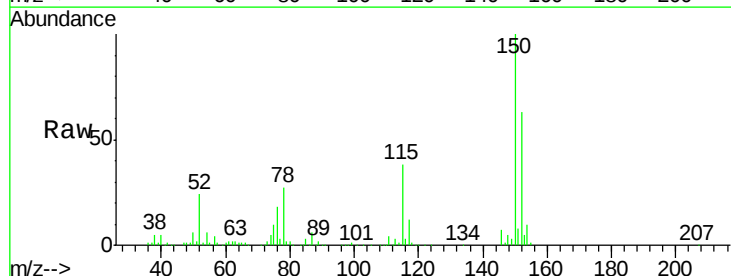
Tgt Ion:152 Resp: 179409

Ion Ratio Lower Upper

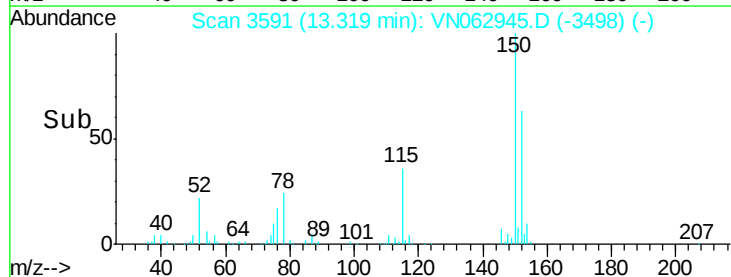
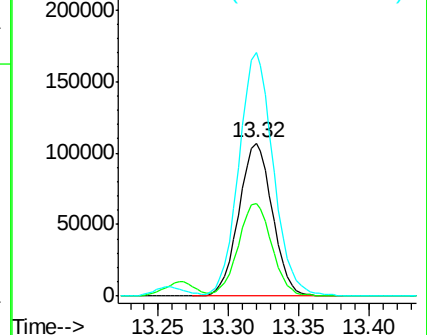
152 100

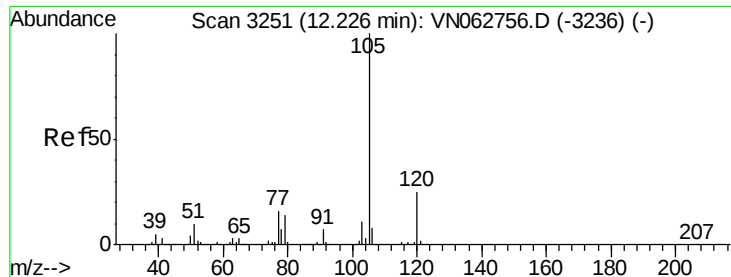
115 60.3 31.6 94.8

150 161.7 0.0 349.2



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





#73

Isopropylbenzene

Concen: 16.708 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062945.D

Acq: 14 Aug 2020 20:07

Instrument :

MSVOA_N

ClientSampleId :

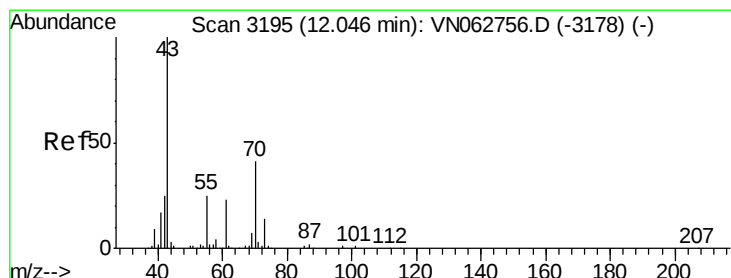
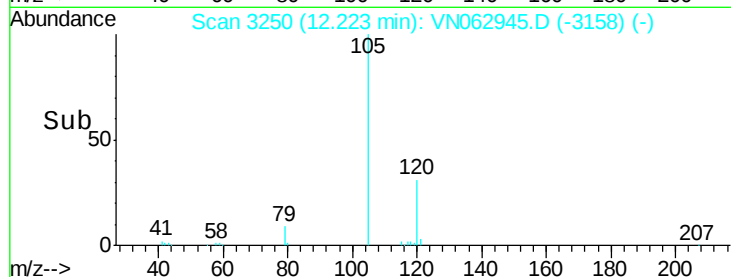
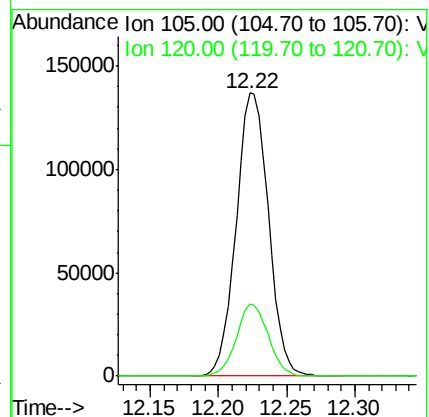
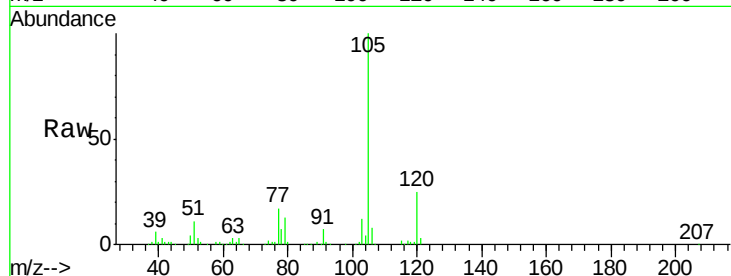
VN0814WBSD02

Tgt Ion: 105 Resp: 225715

Ion Ratio Lower Upper

105 100

120 25.2 12.6 37.8



#74

N-ethyl acetate

Concen: 19.231 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN062945.D

Acq: 14 Aug 2020 20:07

Tgt Ion: 43 Resp: 105281

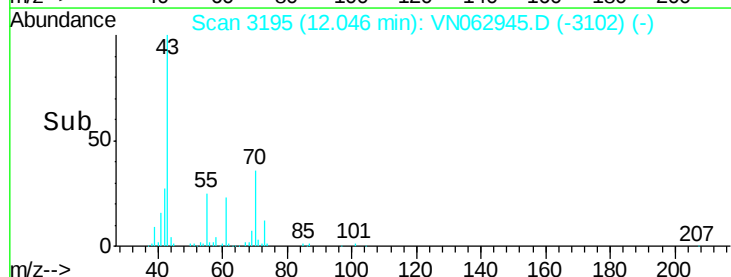
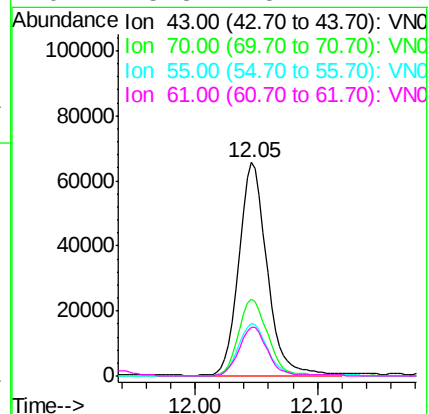
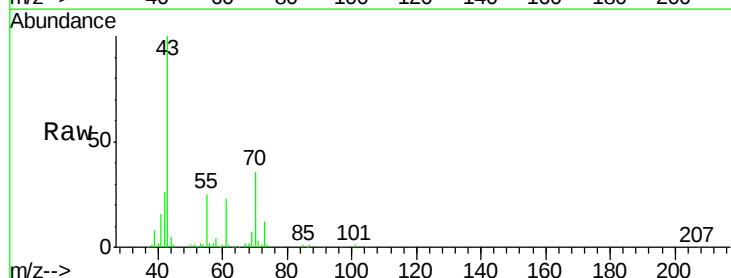
Ion Ratio Lower Upper

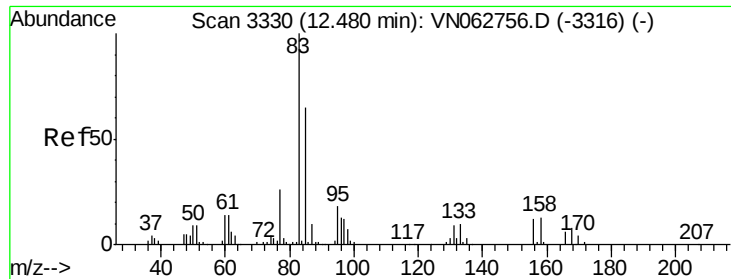
43 100

70 38.1 32.3 48.5

55 25.8 20.2 30.2

61 23.3 18.2 27.4





#75

1,1,2,2-Tetrachloroethane

Concen: 19.148 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VN062945.D

Acq: 14 Aug 2020 20:07

Instrument :

MSVOA_N

ClientSampleId :

VN0814WBSD02

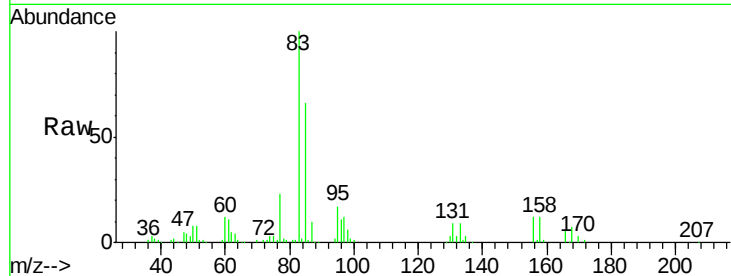
Tgt Ion: 83 Resp: 91060

Ion Ratio Lower Upper

83 100

131 9.2 5.1 15.4

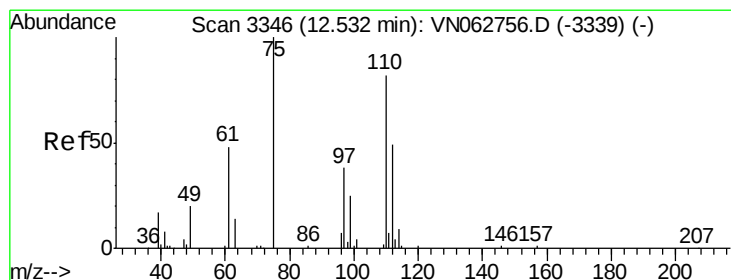
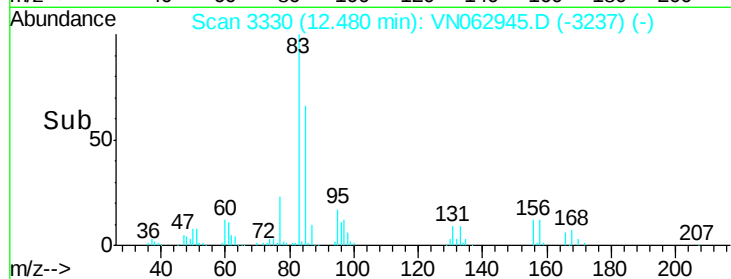
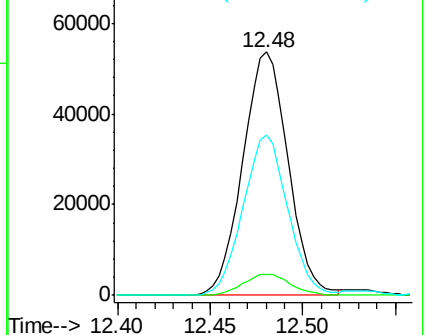
85 64.8 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VN062945.D (-3237) (-)

Ion 130.80 (130.50 to 131.50): VN062945.D (-3237) (-)

Ion 84.90 (84.60 to 85.60): VN062945.D (-3237) (-)



#76

1,2,3-Trichloropropane

Concen: 23.020 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062945.D

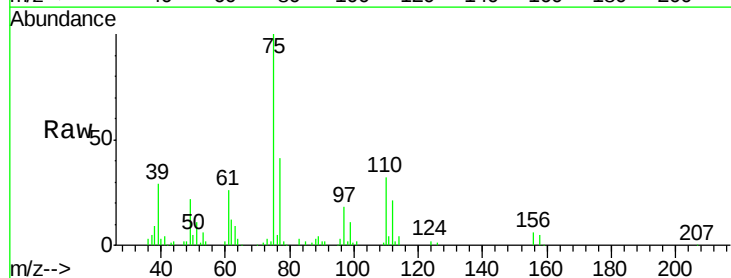
Acq: 14 Aug 2020 20:07

Tgt Ion: 75 Resp: 111380

Ion Ratio Lower Upper

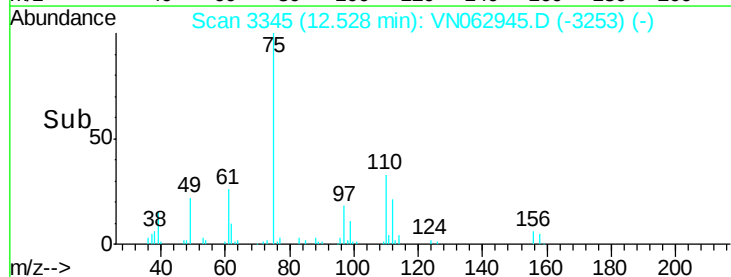
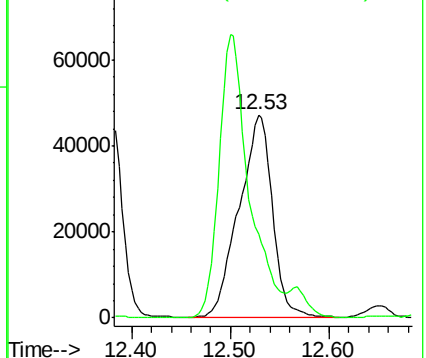
75 100

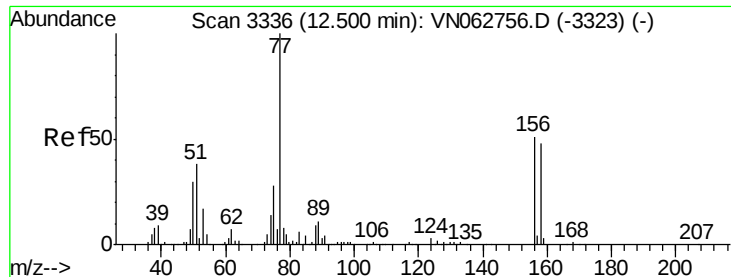
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN062945.D (-3253) (-)

Ion 77.00 (76.70 to 77.70): VN062945.D (-3253) (-)





#77

Bromobenzene

Concen: 18.306 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062945.D

Acq: 14 Aug 2020 20:07

Instrument :

MSVOA_N

ClientSampled :

VN0814WBSD02

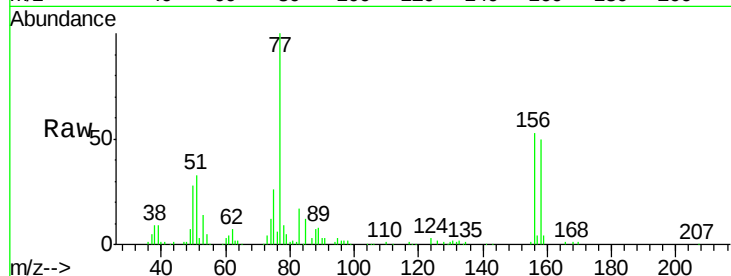
Tgt Ion:156 Resp: 61448

Ion Ratio Lower Upper

156 100

77 229.0 119.7 359.1

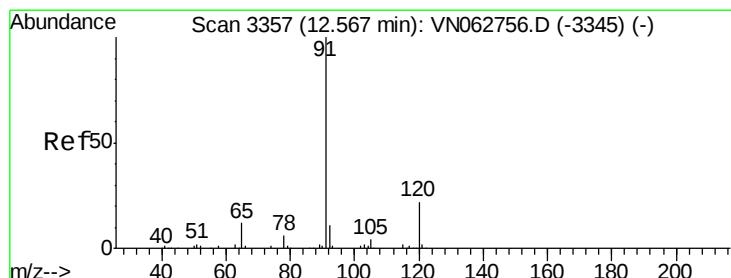
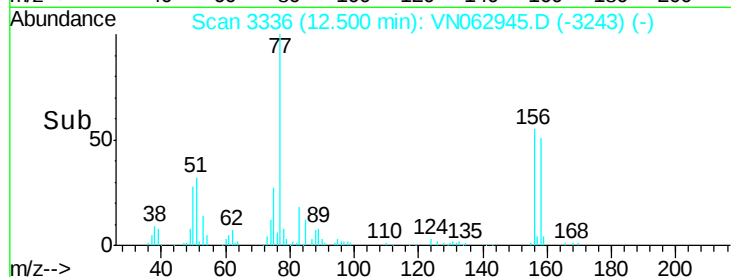
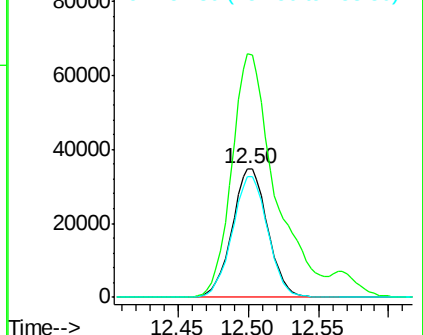
158 93.6 48.1 144.3



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: 16.976 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. -0.00 min

Lab File: VN062945.D

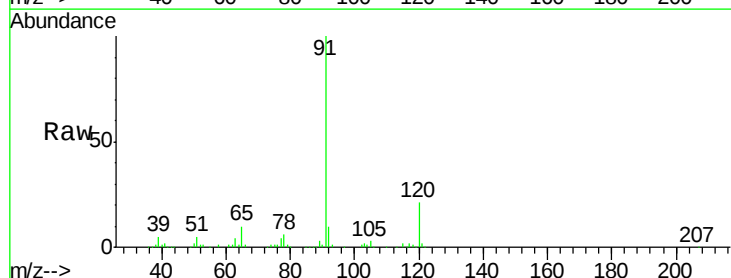
Acq: 14 Aug 2020 20:07

Tgt Ion: 91 Resp: 269205

Ion Ratio Lower Upper

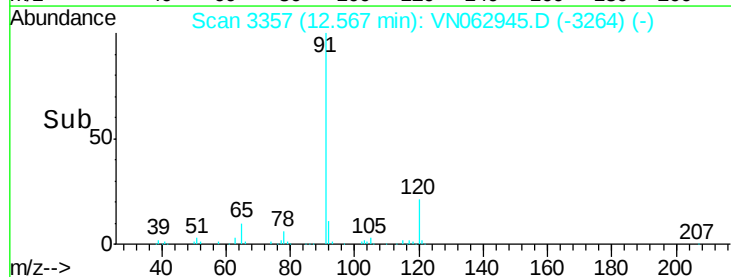
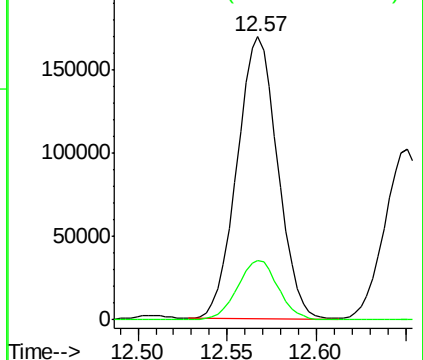
91 100

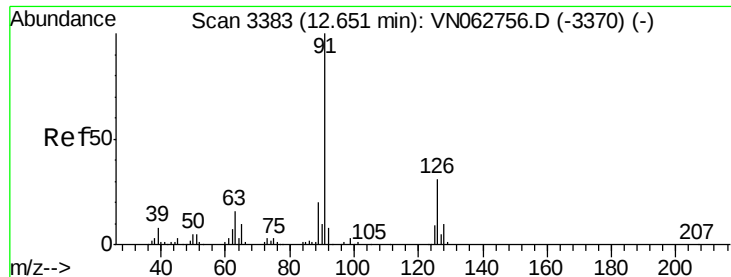
120 21.2 10.9 32.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 16.834 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. -0.00 min

Lab File: VN062945.D

Acq: 14 Aug 2020 20:07

Instrument :

MSVOA_N

ClientSampleId :

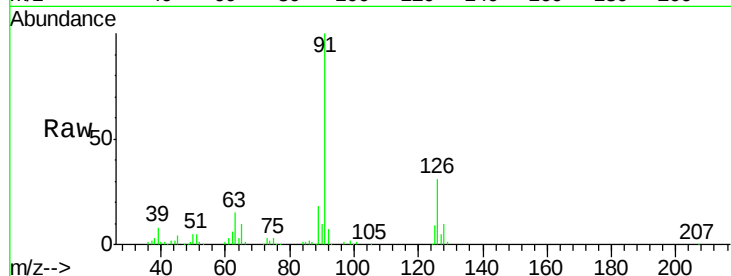
VN0814WBSD02

Tgt Ion: 91 Resp: 167405

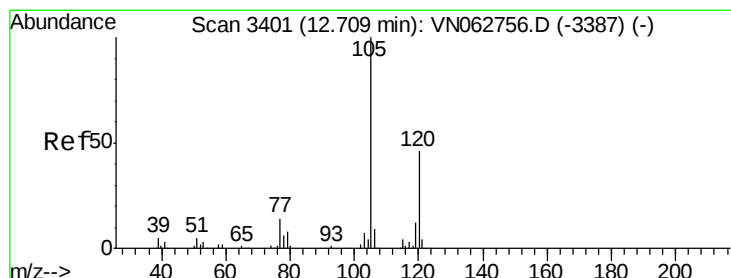
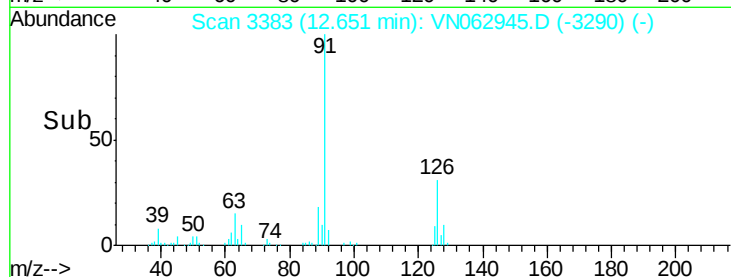
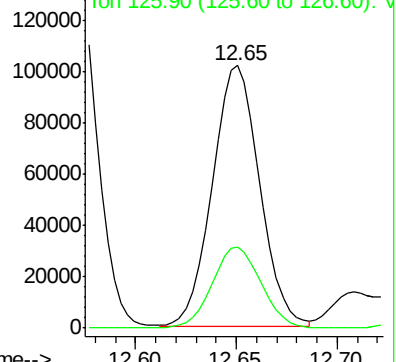
Ion Ratio Lower Upper

91 100

126 32.0 15.6 46.7



Abundance Ion 91.00 (90.70 to 91.70): VN062756.D (-3370) (-)



#80

1,3,5-Trimethylbenzene

Concen: 16.729 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062945.D

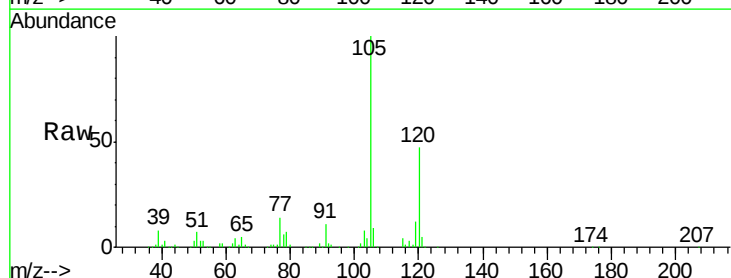
Acq: 14 Aug 2020 20:07

Tgt Ion: 105 Resp: 196066

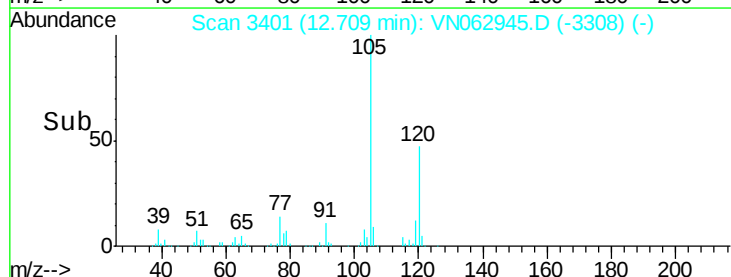
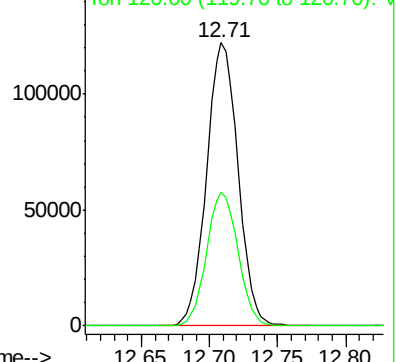
Ion Ratio Lower Upper

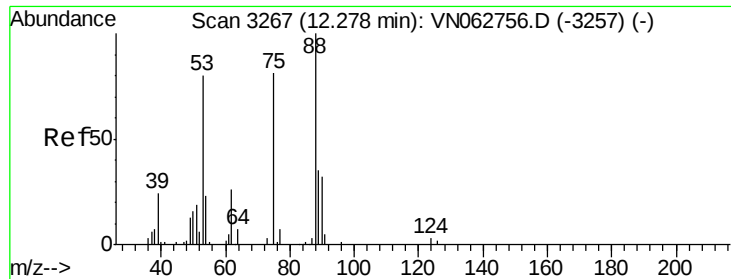
105 100

120 47.2 22.9 68.5



Abundance Ion 105.00 (104.70 to 105.70): VN062756.D (-3387) (-)

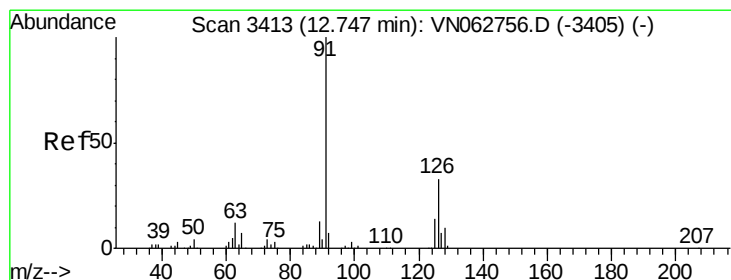
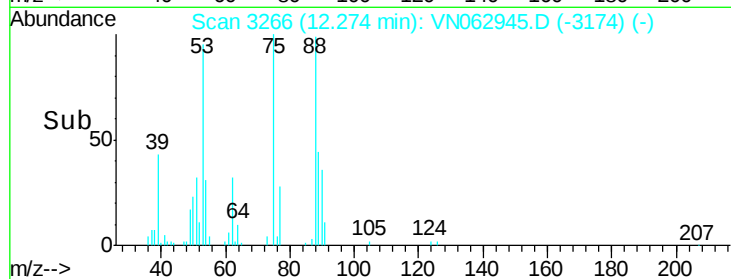
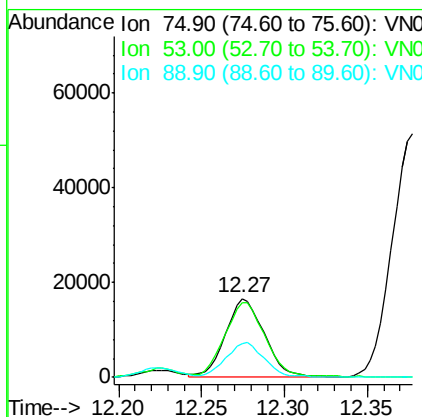
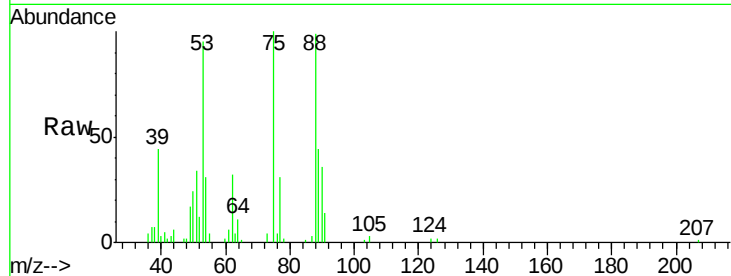




#81
trans-1,4-Dichloro-2-butene
Concen: 17.221 ug/l
RT: 12.27 min Scan# 3266
Delta R.T. -0.00 min
Lab File: VN062945.D
Acq: 14 Aug 2020 20:07

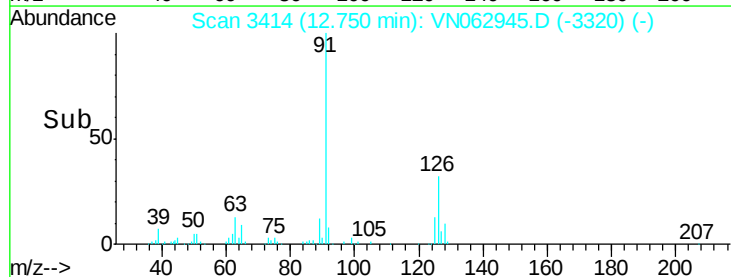
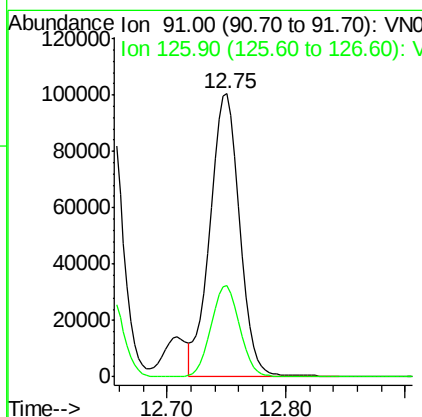
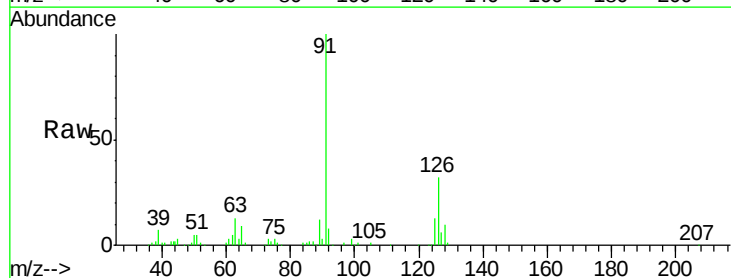
Instrument :
MSVOA_N
ClientSampleId :
VN0814WBSD02

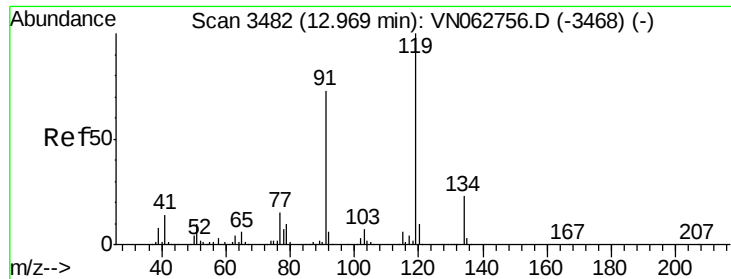
Tgt Ion: 75 Resp: 27294
Ion Ratio Lower Upper
75 100
53 94.2 79.1 118.7
89 43.9 36.2 54.2



#82
4-Chlorotoluene
Concen: 16.814 ug/l
RT: 12.75 min Scan# 3414
Delta R.T. 0.00 min
Lab File: VN062945.D
Acq: 14 Aug 2020 20:07

Tgt Ion: 91 Resp: 172312
Ion Ratio Lower Upper
91 100
126 31.7 15.3 45.9

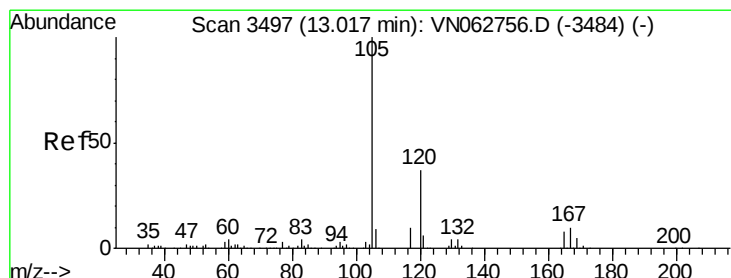
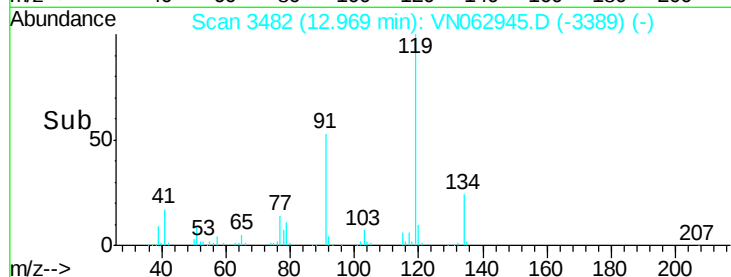
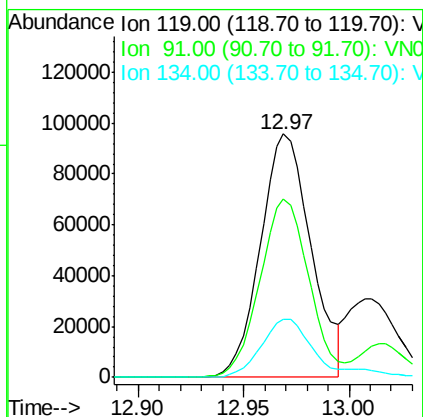
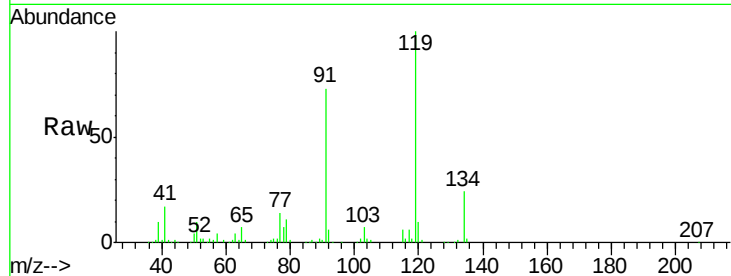




#83
 tert-Butylbenzene
 Concen: 16.113 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062945.D
 Acq: 14 Aug 2020 20:07

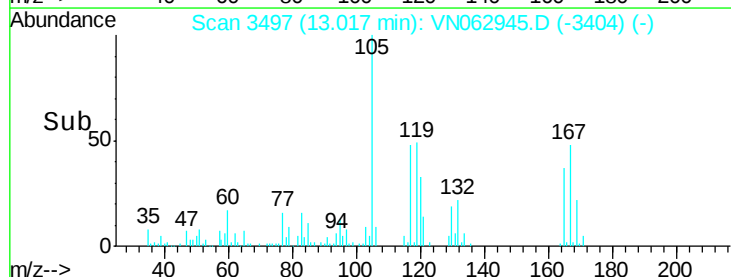
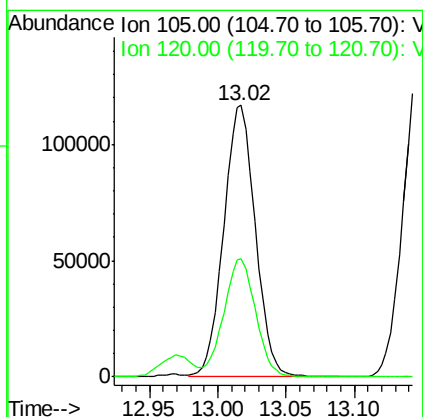
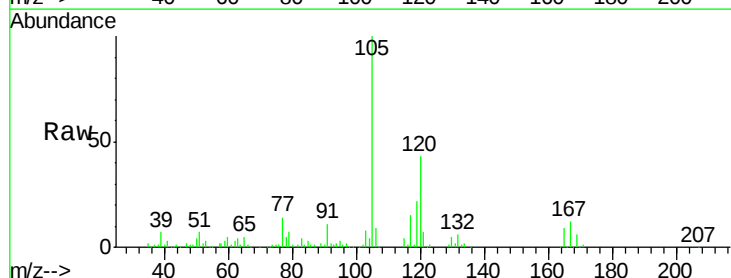
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0814WBSD02

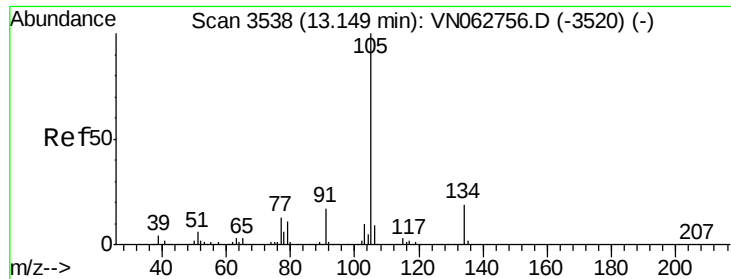
Tgt Ion:119 Resp: 159793
 Ion Ratio Lower Upper
 119 100
 91 71.3 36.5 109.5
 134 23.5 11.3 33.8



#84
 1,2,4-Trimethylbenzene
 Concen: 16.698 ug/l
 RT: 13.02 min Scan# 3497
 Delta R.T. -0.00 min
 Lab File: VN062945.D
 Acq: 14 Aug 2020 20:07

Tgt Ion:105 Resp: 187226
 Ion Ratio Lower Upper
 105 100
 120 44.0 21.4 64.2





#85

sec-Butylbenzene

Concen: 16.686 ug/l

RT: 13.15 min Scan# 3538

Delta R.T. -0.00 min

Lab File: VN062945.D

Acq: 14 Aug 2020 20:07

Instrument :

MSVOA_N

ClientSampleId :

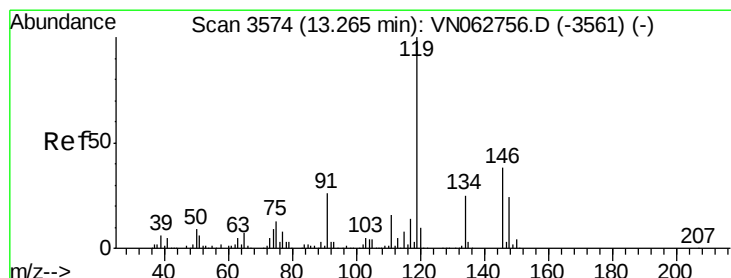
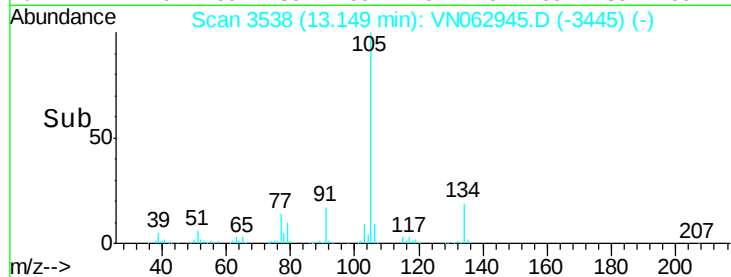
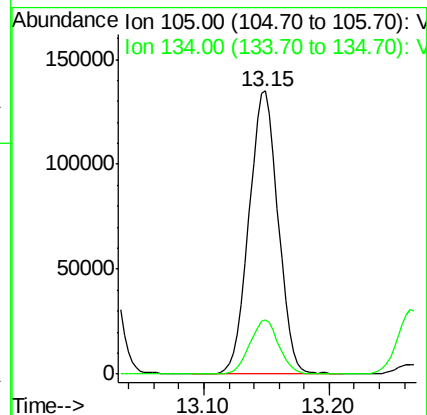
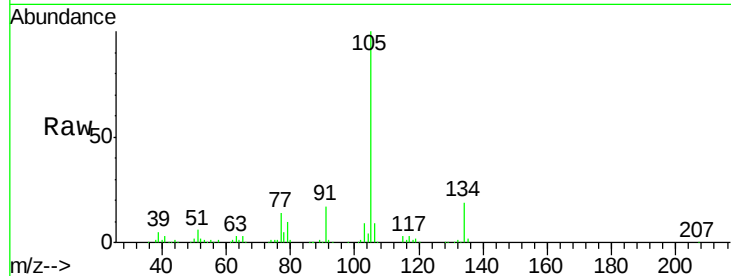
VN0814WBSD02

Tgt Ion:105 Resp: 217300

Ion Ratio Lower Upper

105 100

134 19.1 9.6 28.6



#86

p-Isopropyltoluene

Concen: 15.887 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062945.D

Acq: 14 Aug 2020 20:07

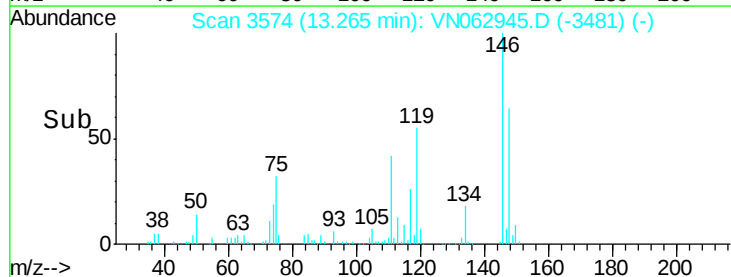
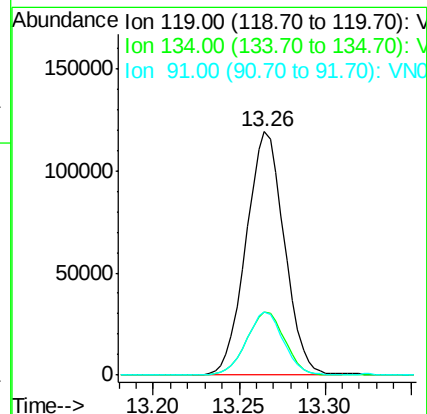
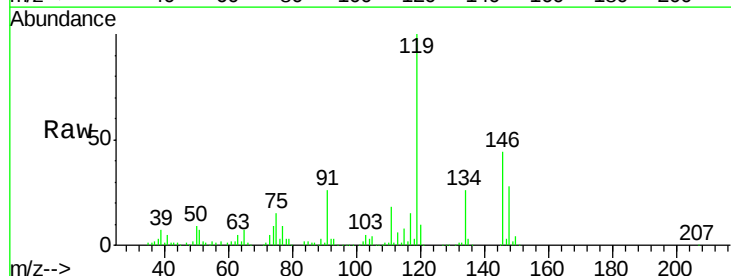
Tgt Ion:119 Resp: 183649

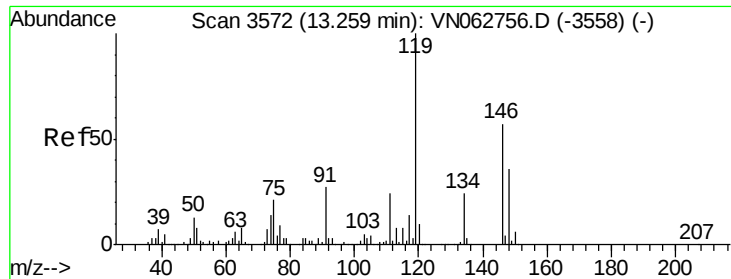
Ion Ratio Lower Upper

119 100

134 26.0 12.6 37.8

91 25.4 13.4 40.2





#87

1,3-Dichlorobenzene

Concen: 17.023 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. -0.00 min

Lab File: VN062945.D

Acq: 14 Aug 2020 20:07

Instrument :

MSVOA_N

ClientSampleId :

VN0814WBSD02

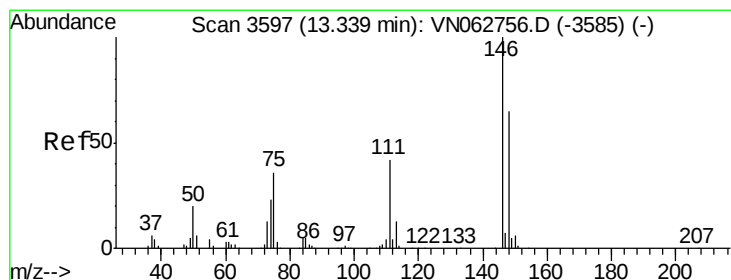
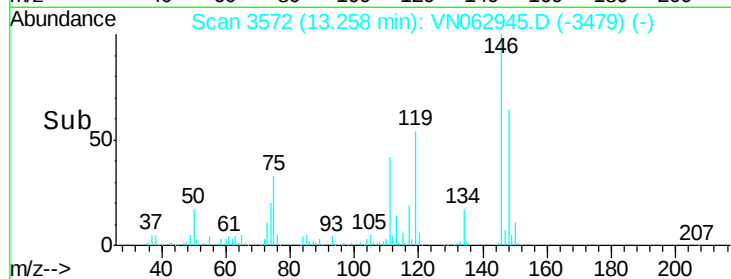
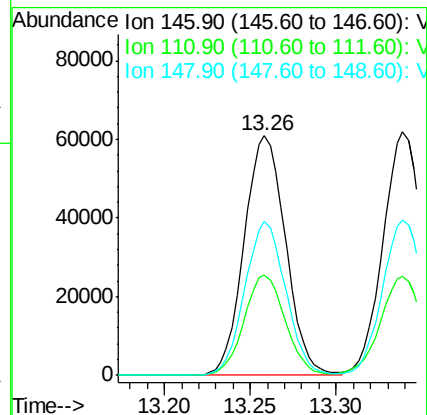
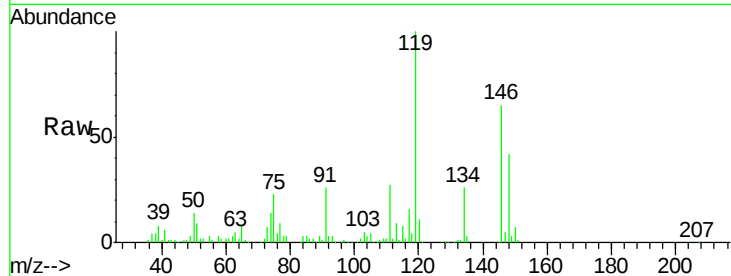
Tgt Ion:146 Resp: 102082

Ion Ratio Lower Upper

146 100

111 41.6 21.7 65.1

148 63.6 31.4 94.2



#88

1,4-Dichlorobenzene

Concen: 17.019 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. -0.00 min

Lab File: VN062945.D

Acq: 14 Aug 2020 20:07

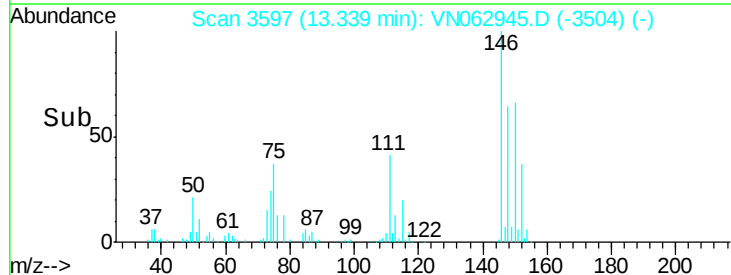
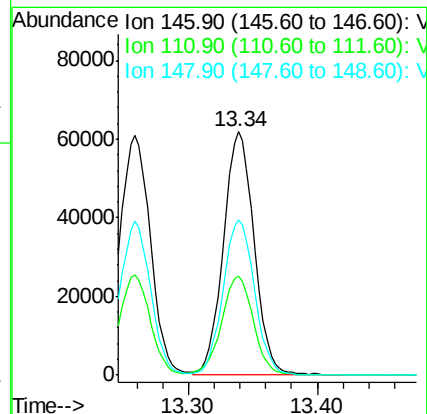
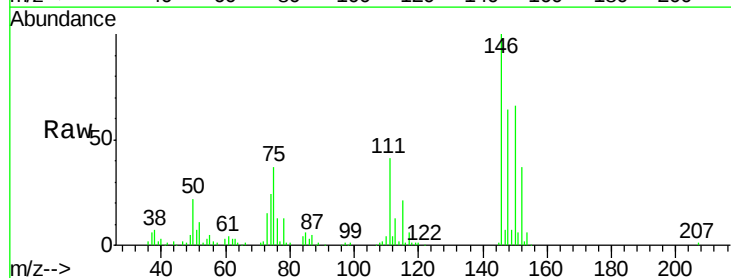
Tgt Ion:146 Resp: 102358

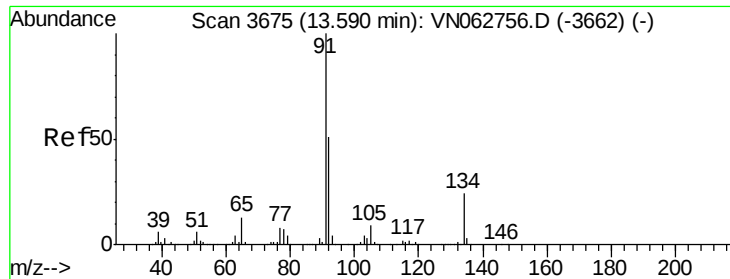
Ion Ratio Lower Upper

146 100

111 42.4 21.6 64.6

148 65.6 32.6 97.8





#89

n-Butylbenzene

Concen: 15.516 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. -0.00 min

Lab File: VN062945.D

Acq: 14 Aug 2020 20:07

Instrument :

MSVOA_N

ClientSampleId :

VN0814WBSD02

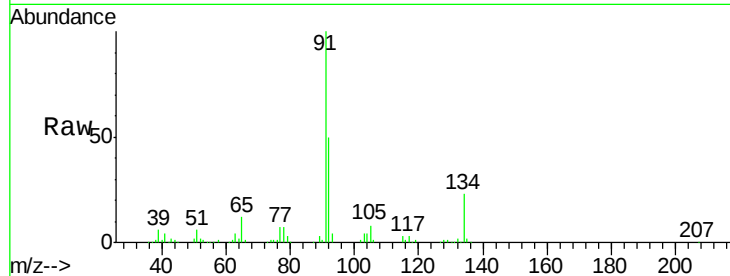
Tgt Ion: 91 Resp: 151696

Ion Ratio Lower Upper

91 100

92 49.6 25.7 77.0

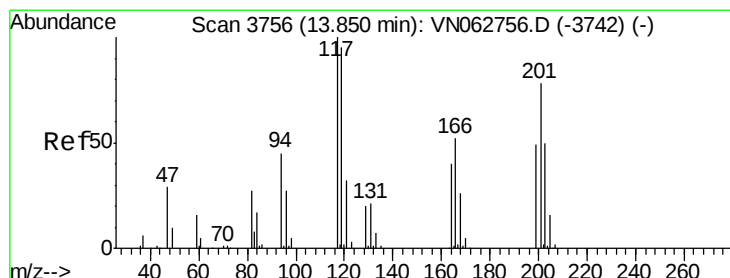
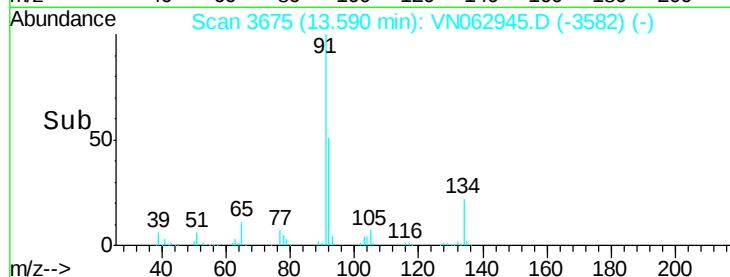
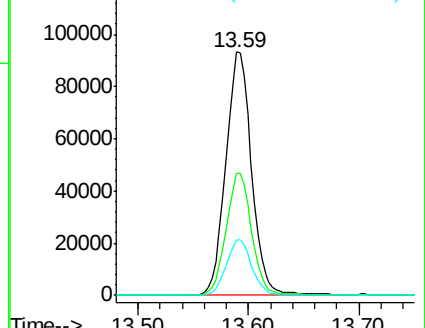
134 22.8 12.2 36.6



Abundance Ion 91.00 (90.70 to 91.70): VN062945.D (-3582) (-)

Ion 92.00 (91.70 to 92.70): VN062945.D (-3582) (-)

Ion 134.00 (133.70 to 134.70): VN062945.D (-3582) (-)



#90

Hexachloroethane

Concen: 16.280 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. -0.00 min

Lab File: VN062945.D

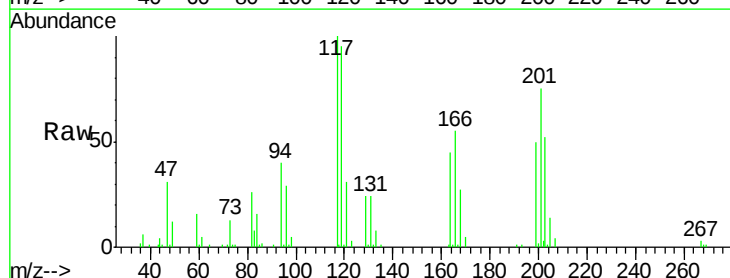
Acq: 14 Aug 2020 20:07

Tgt Ion: 117 Resp: 40565

Ion Ratio Lower Upper

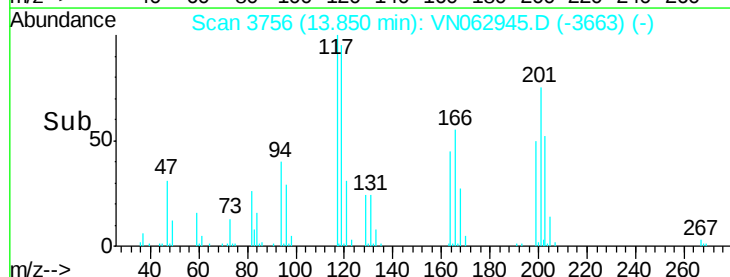
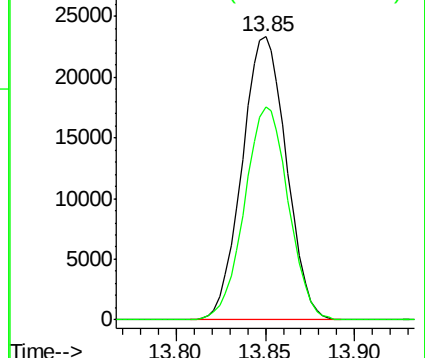
117 100

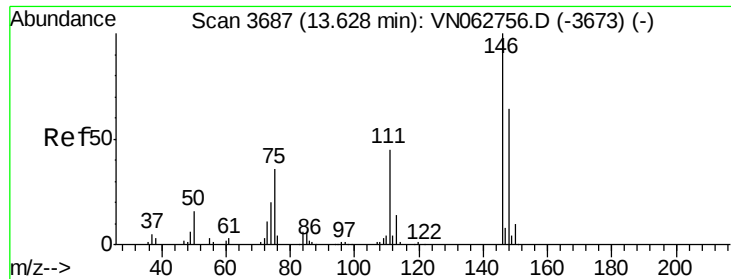
201 74.3 39.2 117.6



Abundance Ion 116.80 (116.50 to 117.50): VN062945.D (-3663) (-)

Ion 200.70 (200.40 to 201.40): VN062945.D (-3663) (-)

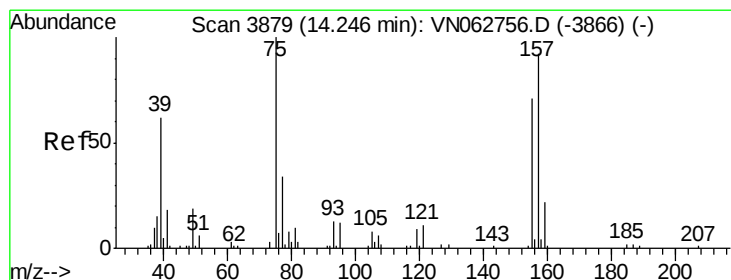
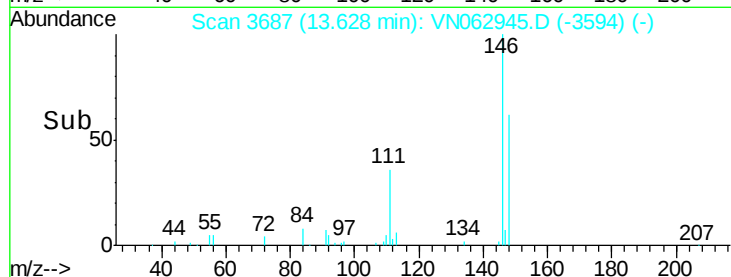
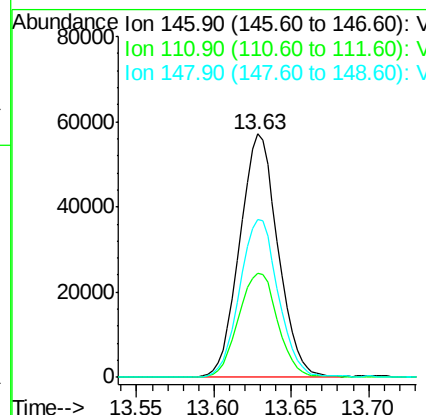
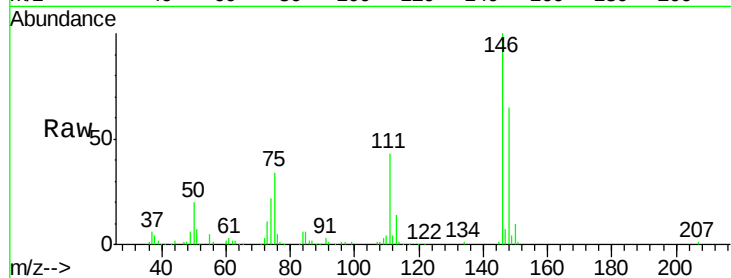




#91
 1,2-Dichlorobenzene
 Concen: 17.475 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062945.D
 Acq: 14 Aug 2020 20:07

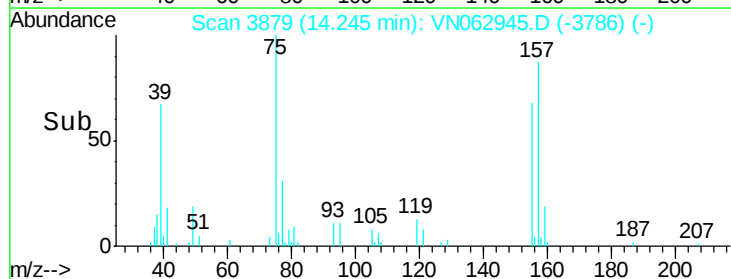
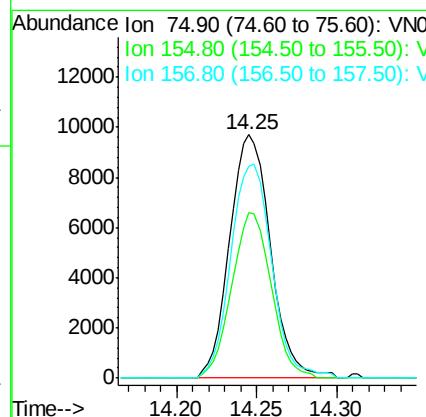
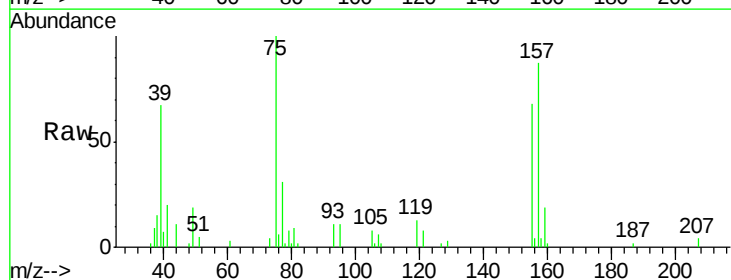
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0814WBSD02

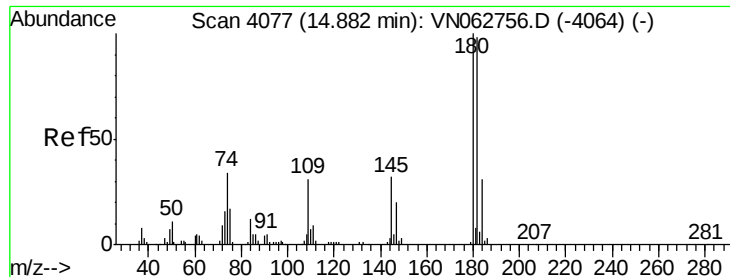
Tgt Ion:146 Resp: 98241
 Ion Ratio Lower Upper
 146 100
 111 44.2 22.8 68.4
 148 65.5 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.568 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. -0.00 min
 Lab File: VN062945.D
 Acq: 14 Aug 2020 20:07

Tgt Ion: 75 Resp: 16915
 Ion Ratio Lower Upper
 75 100
 155 65.6 35.0 105.1
 157 88.3 43.2 129.6

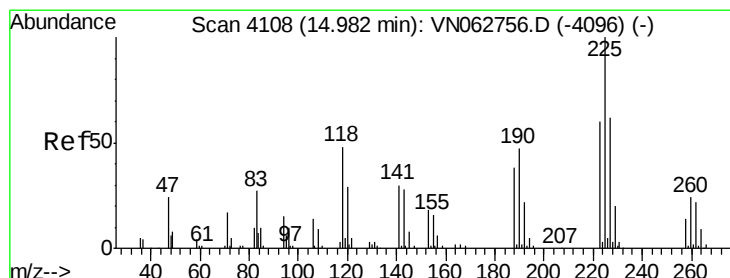
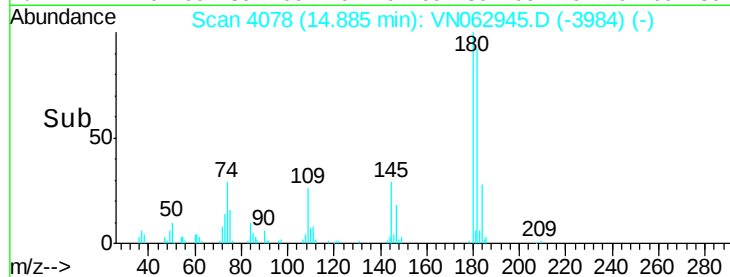
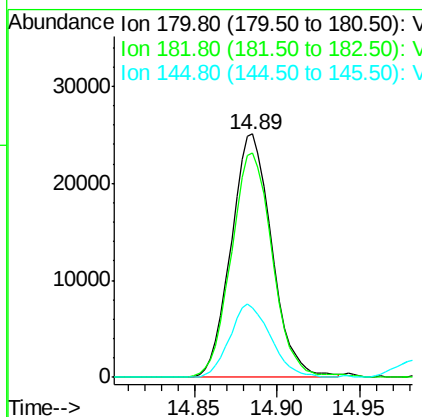
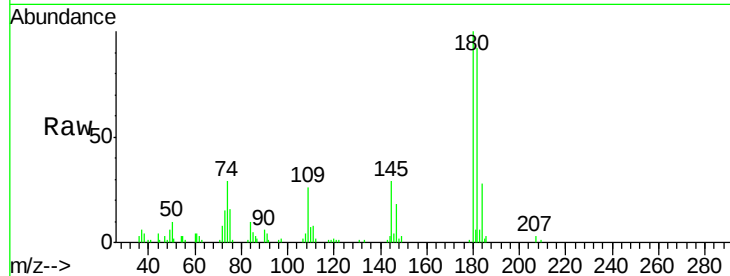




#93
 1,2,4-Trichlorobenzene
 Concen: 16.559 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN062945.D
 Acq: 14 Aug 2020 20:07

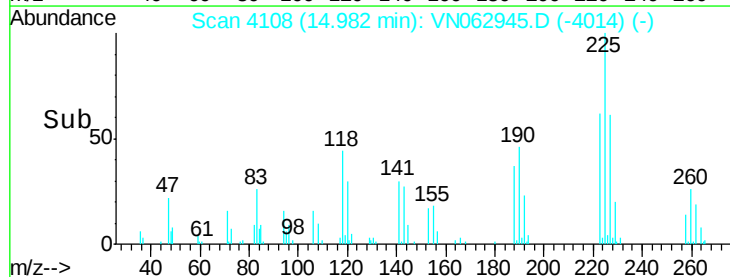
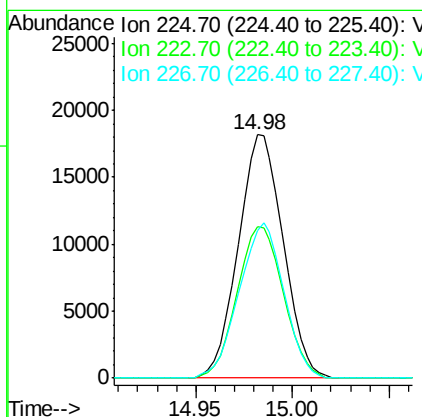
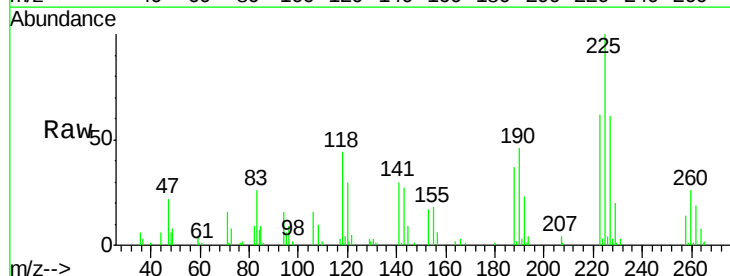
Instrument :
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 ClientSampleId :
 VN0814WBSD02

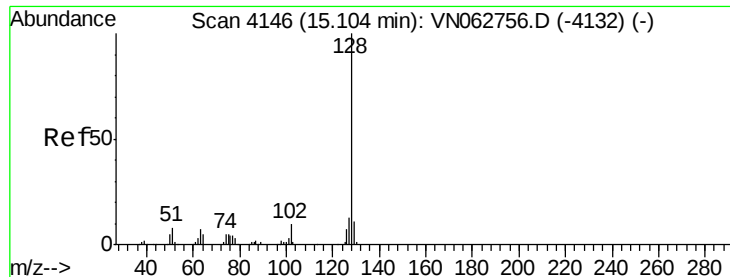
Tgt Ion:180 Resp: 42811
 Ion Ratio Lower Upper
 180 100
 182 93.5 49.1 147.4
 145 30.1 16.3 48.8



#94
 Hexachlorobutadiene
 Concen: 15.501 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN062945.D
 Acq: 14 Aug 2020 20:07

Tgt Ion:225 Resp: 29317
 Ion Ratio Lower Upper
 225 100
 223 64.0 30.6 92.0
 227 63.5 31.6 95.0

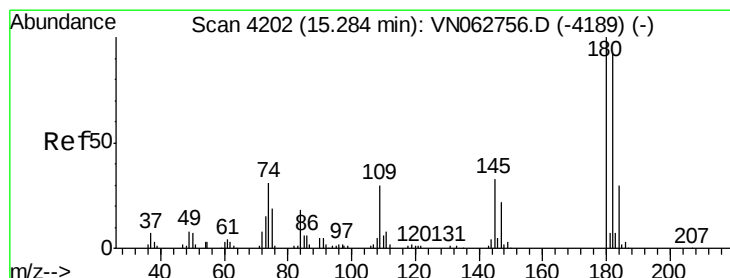
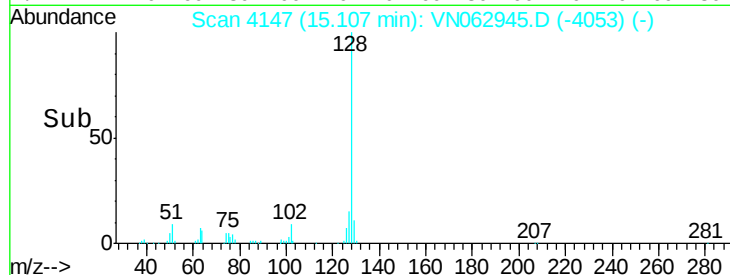
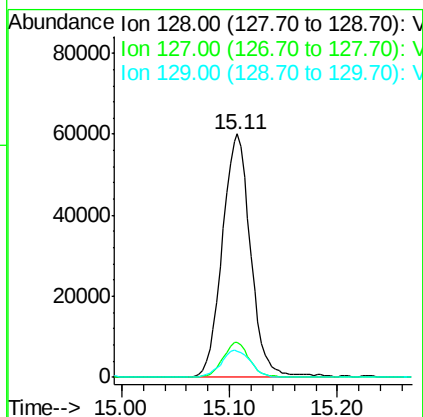
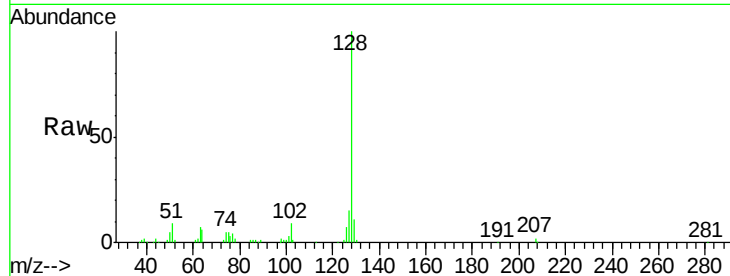




#95
Naphthalene
Concen: 16.045 ug/l
RT: 15.11 min Scan# 4147
Delta R.T. 0.00 min
Lab File: VN062945.D
Acq: 14 Aug 2020 20:07

Instrument :
MSVOA_N
ClientSampleId :
VN0814WBSD02

Tgt Ion:128 Resp: 109899
Ion Ratio Lower Upper
128 100
127 13.4 10.8 16.2
129 11.4 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 16.794 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN062945.D
Acq: 14 Aug 2020 20:07

Tgt Ion:180 Resp: 44247
Ion Ratio Lower Upper
180 100
182 94.5 47.9 143.6
145 33.1 17.3 51.7

