

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072820\
 Data File : VN062641.D
 Acq On : 28 Jul 2020 19:07
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 29 04:31:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	177427	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	294929	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	278982	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	121753	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	135330	49.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.20%	
35) Dibromofluoromethane	7.55	113	92336	47.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.32%	
50) Toluene-d8	10.06	98	370985	48.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.00%	
62) 4-Bromofluorobenzene	12.38	95	127303	45.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.08%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	95754	45.244	ug/l	99
3) Chloromethane	2.03	50	115768	40.331	ug/l	98
4) Vinyl Chloride	2.16	62	104940	42.172	ug/l	98
5) Bromomethane	2.51	94	48148	43.685	ug/l	99
6) Chloroethane	2.66	64	52428	46.577	ug/l	98
7) Trichlorofluoromethane	2.98	101	145974	49.963	ug/l	100
8) Diethyl Ether	3.37	74	62812	45.974	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	90367	48.242	ug/l	98
10) Methyl Iodide	3.91	142	111240	46.450	ug/l	96
11) Tert butyl alcohol	4.74	59	98781	225.289	ug/l	99
12) 1,1-Dichloroethene	3.69	96	87949	46.294	ug/l	98
13) Acrolein	3.56	56	117956	257.697	ug/l	98
14) Allyl chloride	4.27	41	179457	43.669	ug/l	96
15) Acrylonitrile	4.93	53	278356	237.017	ug/l	99
16) Acetone	3.77	43	232488	224.151	ug/l	99
17) Carbon Disulfide	4.00	76	259995	41.652	ug/l	100
18) Methyl Acetate	4.28	43	124379	47.369	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	338949	48.474	ug/l	96
20) Methylene Chloride	4.50	84	107346	43.152	ug/l	99
21) trans-1,2-Dichloroethene	4.98	96	96172	45.611	ug/l	98
22) Diisopropyl ether	5.90	45	368734	45.141	ug/l	98
23) Vinyl Acetate	5.84	43	1574206	235.199	ug/l	99
24) 1,1-Dichloroethane	5.80	63	204276	46.440	ug/l	99
25) 2-Butanone	6.79	43	371686	235.301	ug/l	100
26) 2,2-Dichloropropane	6.77	77	164723	45.618	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	108845	45.238	ug/l	98
28) Bromochloromethane	7.15	49	102161	47.193	ug/l	97
29) Tetrahydrofuran	7.17	42	247560	231.611	ug/l	97
30) Chloroform	7.33	83	197694	47.269	ug/l	99
31) Cyclohexane	7.61	56	176108	43.363	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	174668	50.023	ug/l	99
36) 1,1-Dichloropropene	7.75	75	148047	47.094	ug/l	99
37) Ethyl Acetate	6.88	43	157126	46.368	ug/l	99
38) Carbon Tetrachloride	7.73	117	154742	51.210	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	163318	48.262	ug/l	99
40) Benzene	8.00	78	433160	45.513	ug/l	98
41) Methacrylonitrile	7.12	41	70119	48.281	ug/l	91
42) 1,2-Dichloroethane	8.08	62	174189	50.063	ug/l	98
43) Isopropyl Acetate	8.13	43	259449	47.494	ug/l	99
44) Trichloroethene	8.80	130	99494	46.357	ug/l	94
45) 1,2-Dichloropropane	9.08	63	123312	46.147	ug/l	100
46) Dibromomethane	9.17	93	74505	48.241	ug/l	97
47) Bromodichloromethane	9.37	83	160524	47.975	ug/l	99
48) Methyl methacrylate	9.17	41	124867	48.085	ug/l	98
49) 1,4-Dioxane	9.17	88	36880	924.679	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	796514	243.687	ug/l	99
52) Toluene	10.12	92	265455	48.034	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	182003	48.863	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	191224	47.844	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	103937	48.487	ug/l	98
56) Ethyl methacrylate	10.40	69	176636	46.036	ug/l	98
57) 1,3-Dichloropropane	10.68	76	189324	48.209	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.66	63	272163	235.651	ug/l	98
59) 2-Hexanone	10.72	43	588463	232.997	ug/l	100
60) Dibromochloromethane	10.87	129	119233	49.859	ug/l	99
61) 1,2-Dibromoethane	10.98	107	105518	47.272	ug/l	97
64) Tetrachloroethene	10.60	164	82586	45.562	ug/l	97
65) Chlorobenzene	11.41	112	273402	46.746	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	104664	47.569	ug/l	99
67) Ethyl Benzene	11.48	91	514721	47.999	ug/l	100
68) m/p-Xylenes	11.60	106	375379	97.390	ug/l	98
69) o-Xylene	11.92	106	181225	49.514	ug/l	99
70) Styrene	11.94	104	310367	50.198	ug/l	98
71) Bromoform	12.10	173	82221	49.770	ug/l #	100
73) Isopropylbenzene	12.22	105	486743	50.559	ug/l	99
74) N-amyl acetate	12.05	43	230344	53.577	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	140453	41.984	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	192960	62.264	ug/l #	100
77) Bromobenzene	12.50	156	104326	45.093	ug/l	93
78) n-propylbenzene	12.56	91	514016	45.581	ug/l	100
79) 2-Chlorotoluene	12.65	91	300981	43.308	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	380451	47.642	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	49411	44.384	ug/l	94
82) 4-Chlorotoluene	12.75	91	322969	44.647	ug/l	100
83) tert-Butylbenzene	12.97	119	330046	49.773	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	381574	48.708	ug/l	98
85) sec-Butylbenzene	13.15	105	432427	48.710	ug/l	99
86) p-Isopropyltoluene	13.26	119	391198	51.235	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	186588	45.958	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	181307	45.364	ug/l	98
89) n-Butylbenzene	13.59	91	323312	49.281	ug/l	99
90) Hexachloroethane	13.85	117	68398	42.080	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	183247	47.203	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	27811	45.787	ug/l	98

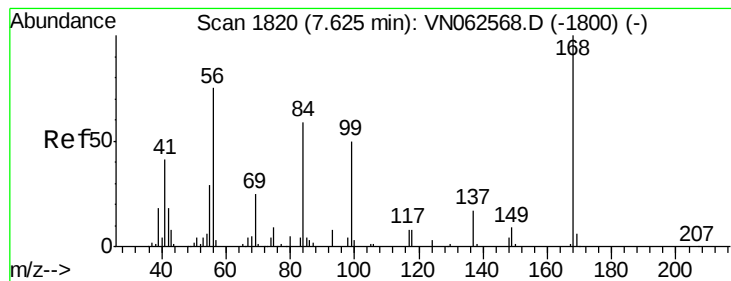
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Quant Title : SW846 8260
QLast Update : Tue Jul 21 18:48:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	82654	41.083	ug/l	98
94) Hexachlorobutadiene	14.98	225	53407	50.861	ug/l	98
95) Naphthalene	15.10	128	215199	40.516	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	82677	45.191	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: VN062641.D

Acq: 28 Jul 2020 19:07

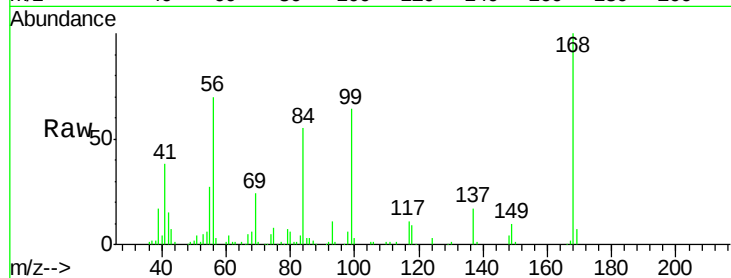
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 177427

Ion Ratio Lower Upper

168 100

99 64.1 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

80000

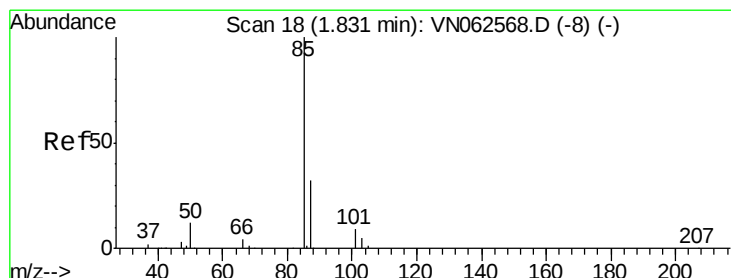
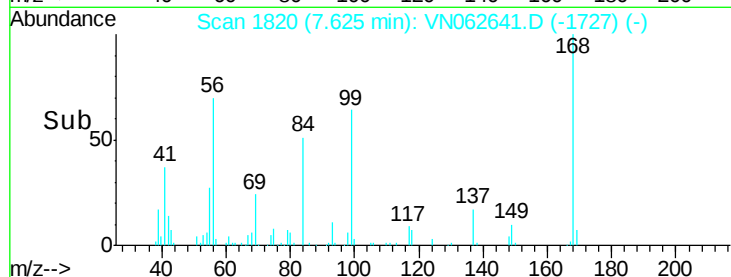
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 45.244 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062641.D

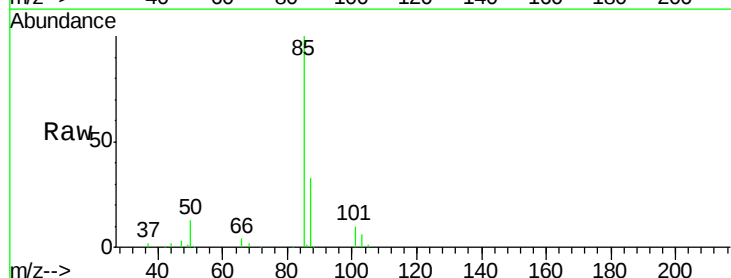
Acq: 28 Jul 2020 19:07

Tgt Ion: 85 Resp: 95754

Ion Ratio Lower Upper

85 100

87 32.8 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

80000

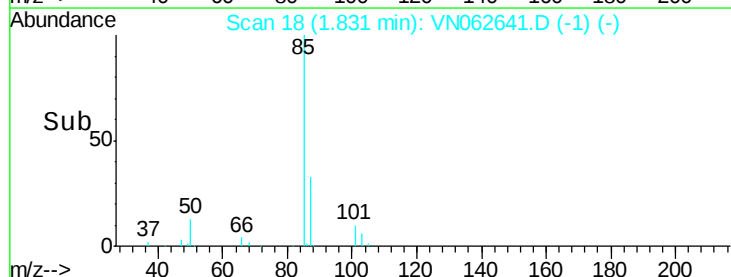
60000

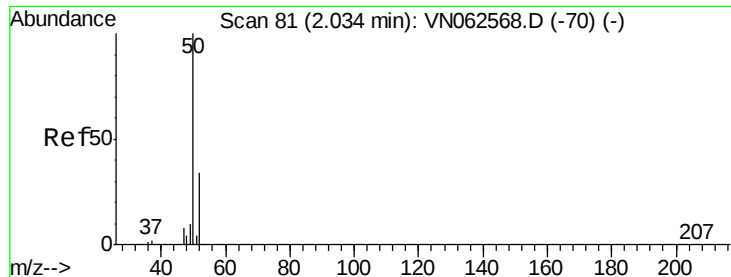
40000

20000

0

Time--> 1.75 1.80 1.85 1.90





#3

Chloromethane

Concen: 40.331 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062641.D

Acq: 28 Jul 2020 19:07

Instrument :

MSVOA_N

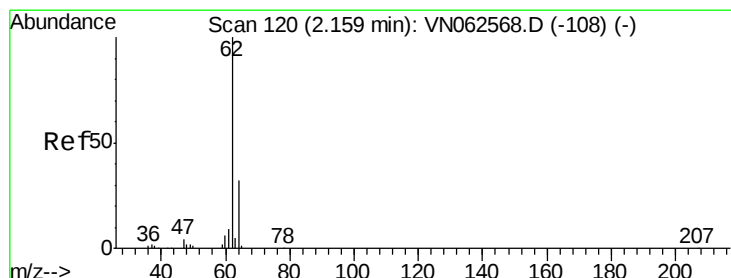
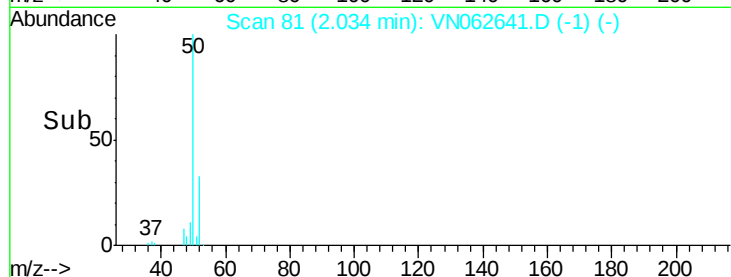
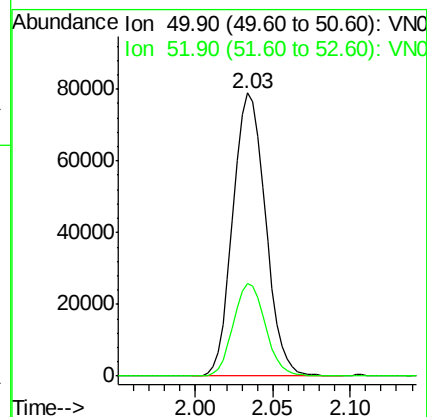
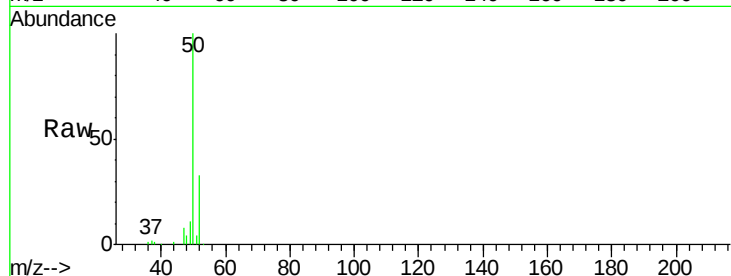
ClientSampled :

Tot Ion: 50 Resp: 115768

Ion Ratio Lower Upper

50 100

52 32.7 27.0 40.4



#4

Vinyl Chloride

Concen: 42.172 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN062641.D

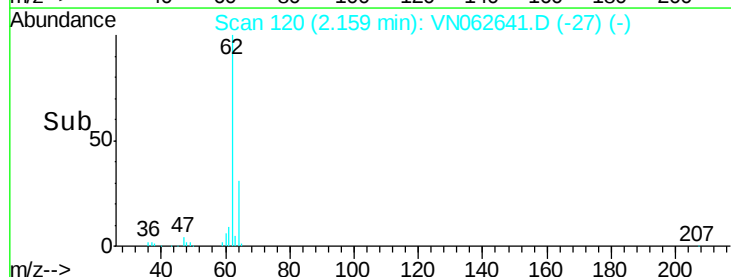
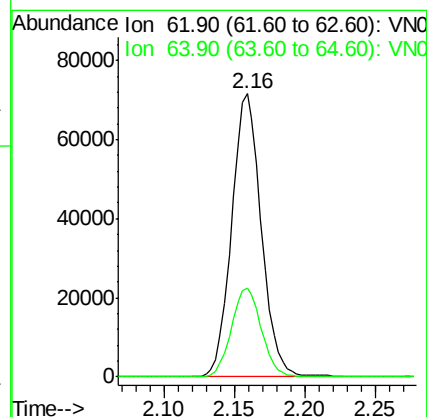
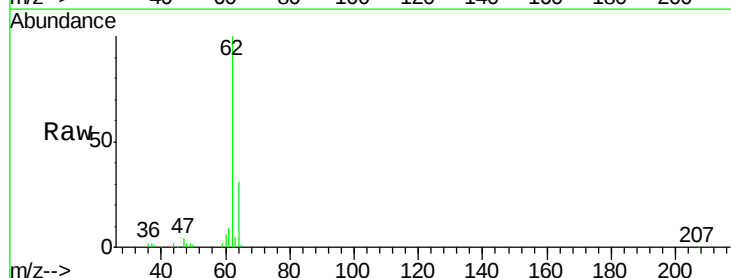
Acq: 28 Jul 2020 19:07

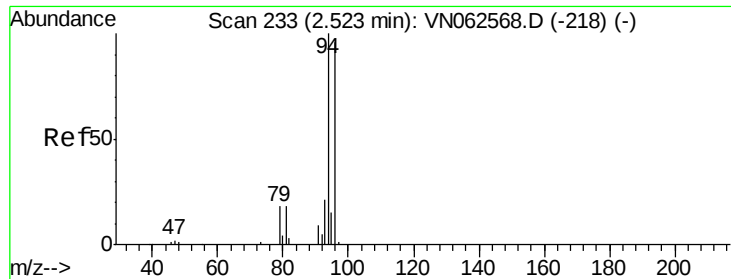
Tgt Ion: 62 Resp: 104940

Ion Ratio Lower Upper

62 100

64 31.3 25.8 38.8





#5

Bromomethane

Concen: 43.685 ug/l

RT: 2.51 min Scan# 229

Delta R.T. -0.01 min

Lab File: VN062641.D

Acq: 28 Jul 2020 19:07

Instrument :

MSVOA_N

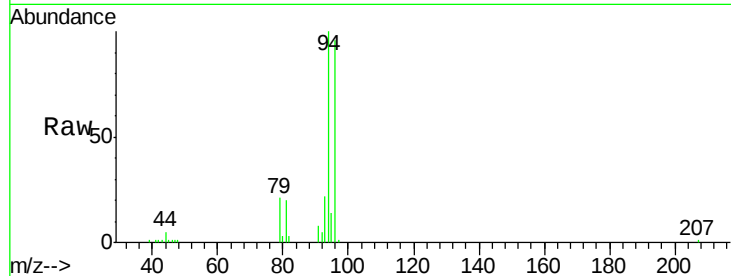
ClientSampled :

Tot Ion: 94 Resp: 48148

Ion Ratio Lower Upper

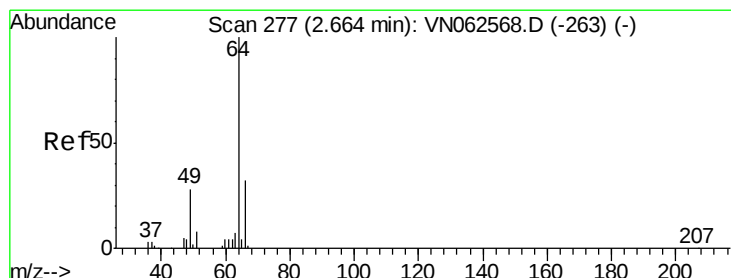
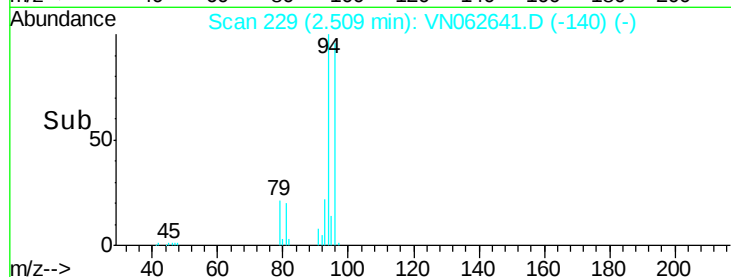
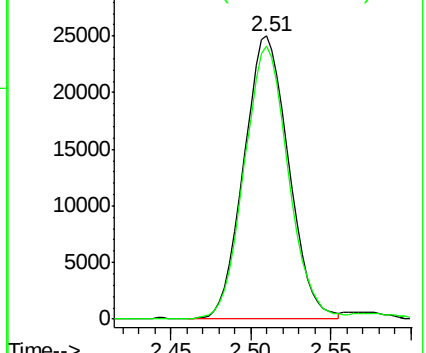
94 100

96 96.4 76.6 114.8



Abundance Ion 93.90 (93.60 to 94.60): VN062568.D (-218) (-)

Ion 95.90 (95.60 to 96.60): VN062568.D (-218) (-)



#6

Chloroethane

Concen: 46.577 ug/l

RT: 2.66 min Scan# 275

Delta R.T. -0.01 min

Lab File: VN062641.D

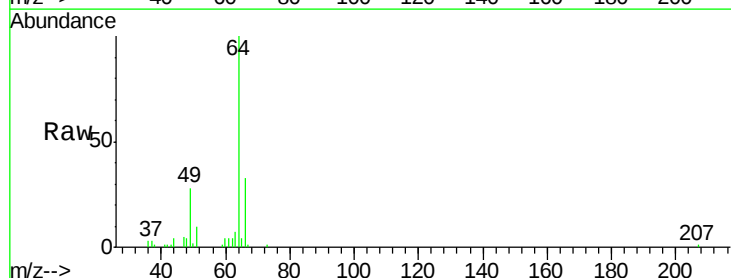
Acq: 28 Jul 2020 19:07

Tgt Ion: 64 Resp: 52428

Ion Ratio Lower Upper

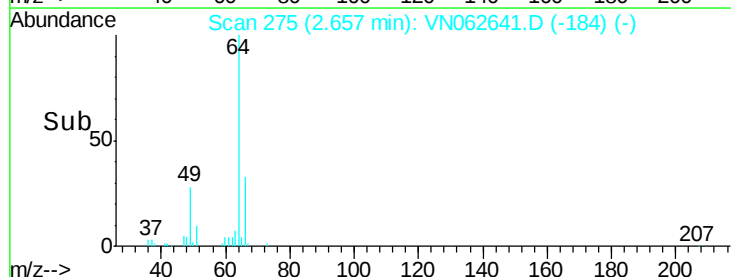
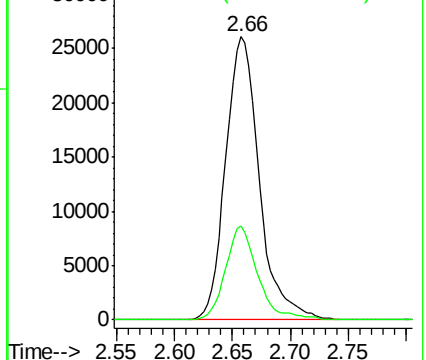
64 100

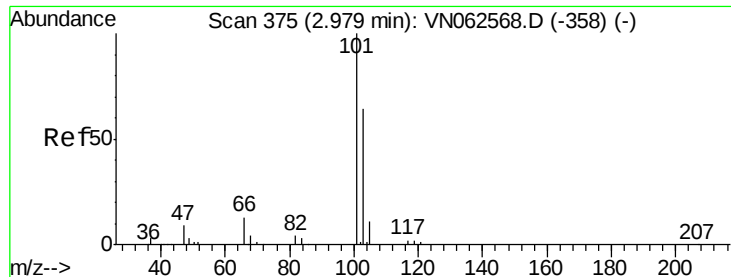
66 33.2 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VN062568.D (-263) (-)

Ion 65.90 (65.60 to 66.60): VN062568.D (-263) (-)



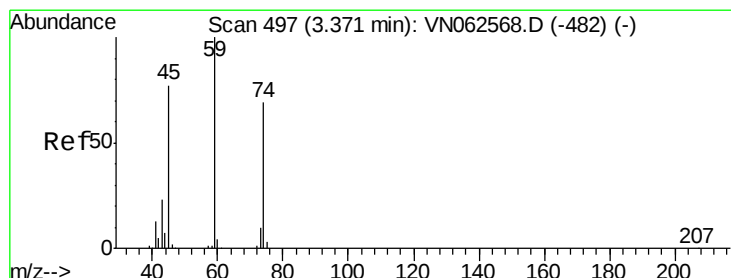
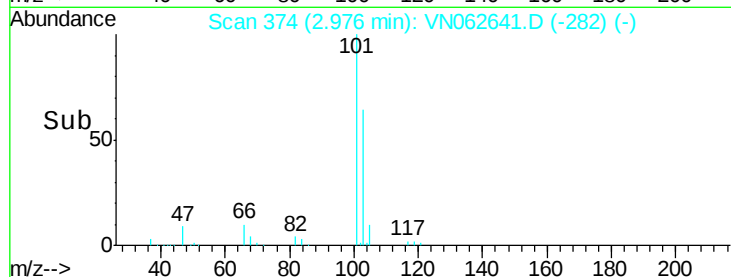
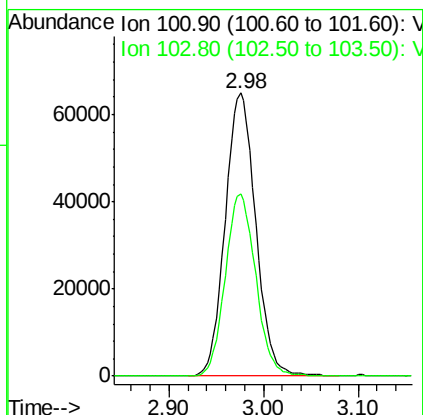
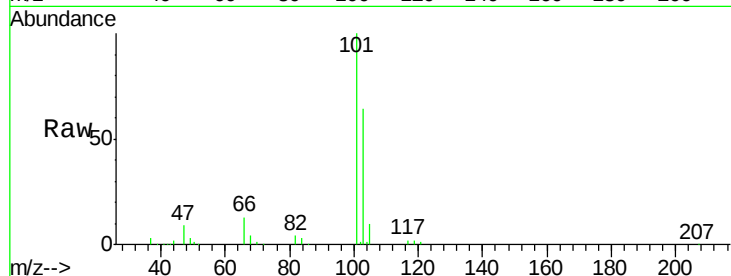


#7

Trichlorofluoromethane
 Concen: 49.963 ug/l
 RT: 2.98 min Scan# 374
 Delta R.T. -0.00 min
 Lab File: VN062641.D
 Acq: 28 Jul 2020 19:07

Instrument :
 MSVOA_N
 ClientSampled :

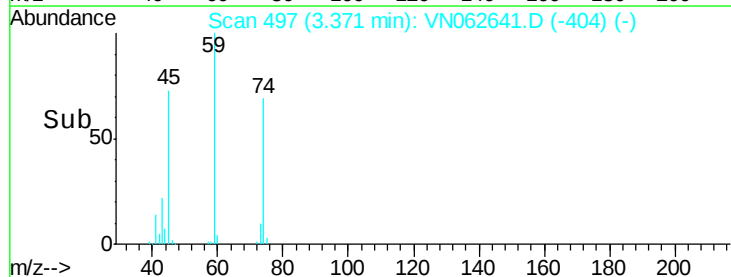
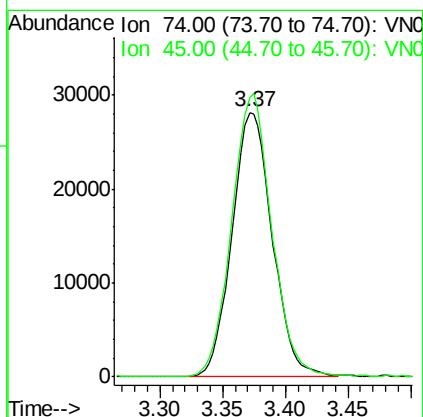
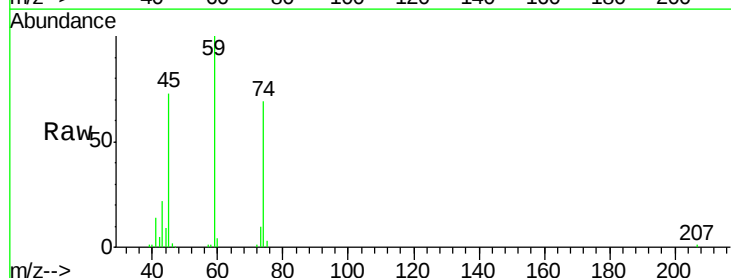
Tot Ion:101 Resp: 145974
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.5 77.3

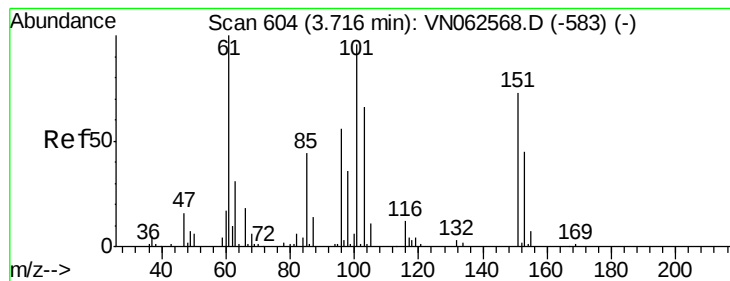


#8

Diethyl Ether
 Concen: 45.974 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN062641.D
 Acq: 28 Jul 2020 19:07

Tgt Ion: 74 Resp: 62812
 Ion Ratio Lower Upper
 74 100
 45 106.9 55.3 165.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.242 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN062641.D

Acq: 28 Jul 2020 19:07

Instrument :

MSVOA_N

ClientSampleId :

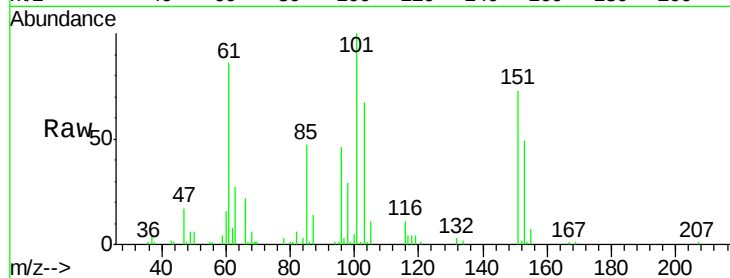
Tot Ion:101 Resp: 90367

Ion Ratio Lower Upper

101 100

85 46.5 36.0 54.0

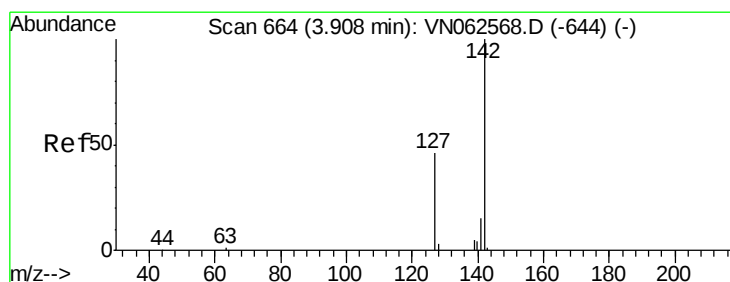
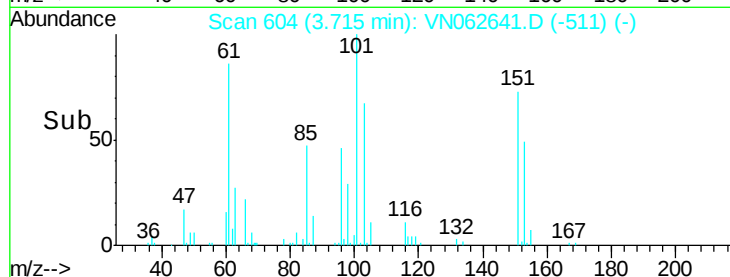
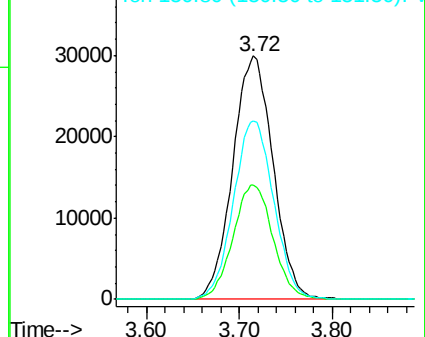
151 73.1 60.0 90.0



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: 46.450 ug/l

RT: 3.91 min Scan# 664

Delta R.T. -0.00 min

Lab File: VN062641.D

Acq: 28 Jul 2020 19:07

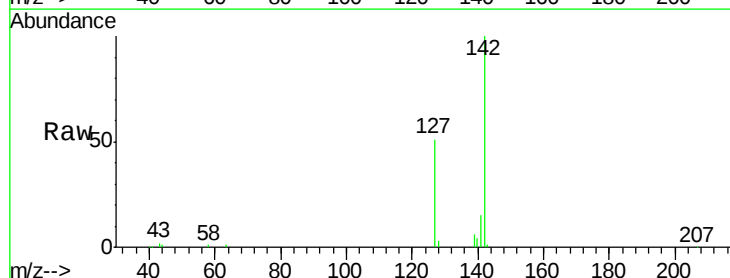
Tgt Ion:142 Resp: 111240

Ion Ratio Lower Upper

142 100

127 50.3 37.4 56.0

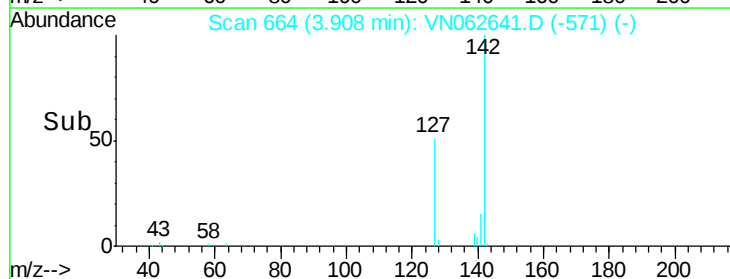
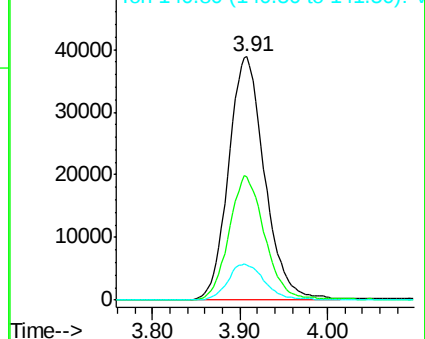
141 14.9 11.9 17.9

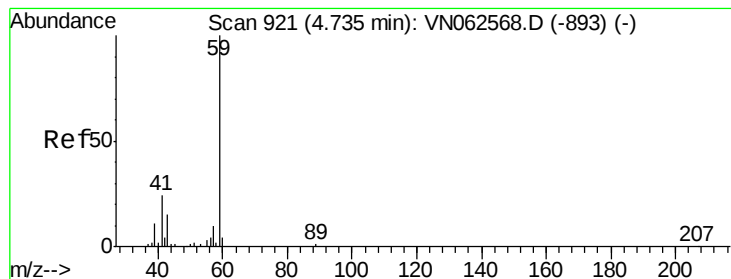


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



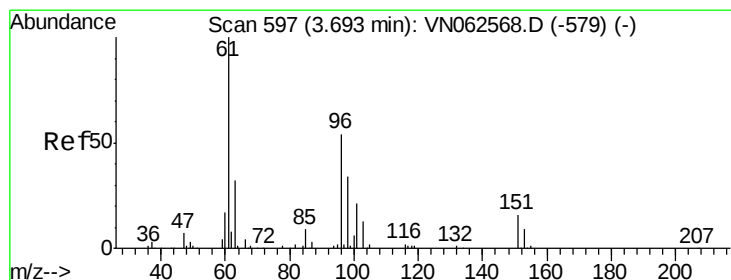
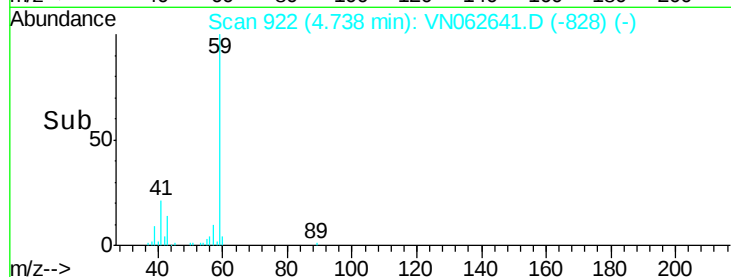
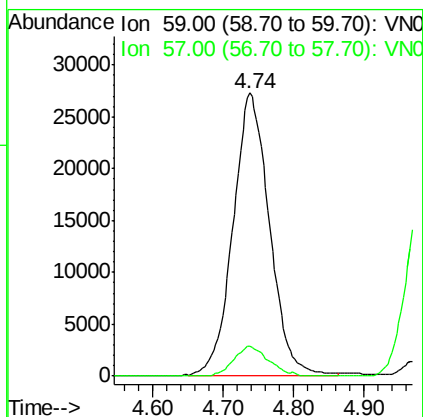
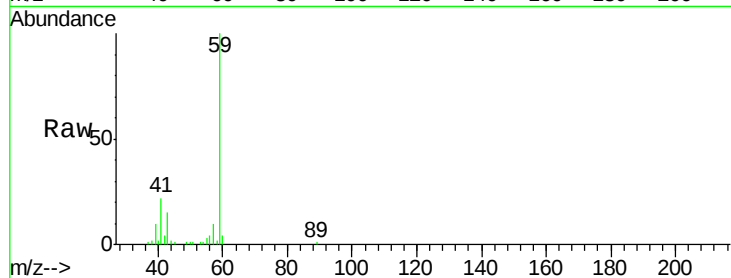


#11

Tert butyl alcohol
 Concen: 225.289 ug/l
 RT: 4.74 min Scan# 922
 Delta R.T. 0.00 min
 Lab File: VN062641.D
 Acq: 28 Jul 2020 19:07

Instrument :
 MSVOA_N
 ClientSampled :

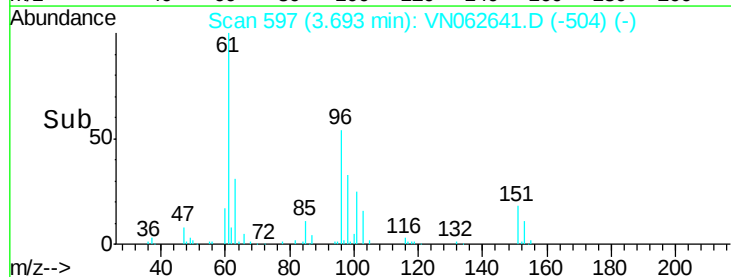
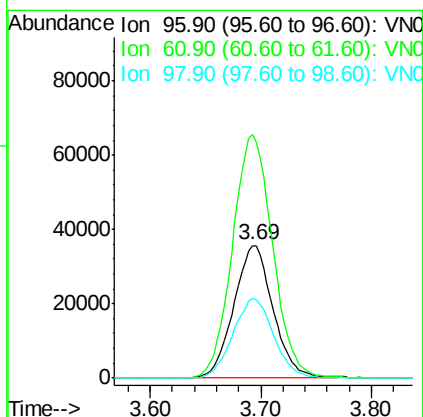
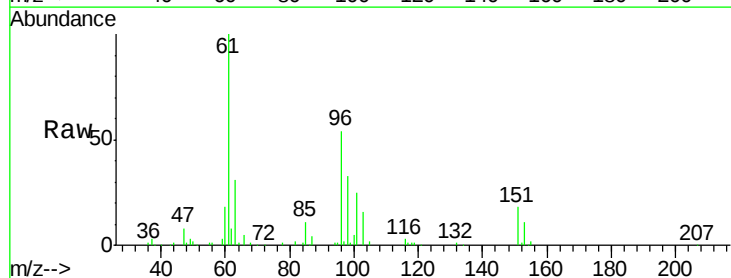
Tot Ion: 59 Resp: 98781
 Ion Ratio Lower Upper
 59 100
 57 9.8 8.2 12.2

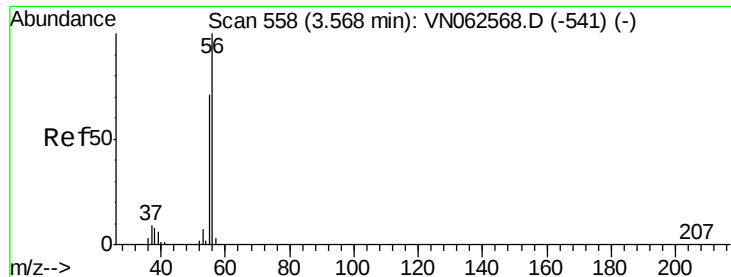


#12

1,1-Dichloroethene
 Concen: 46.294 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: VN062641.D
 Acq: 28 Jul 2020 19:07

Tgt Ion: 96 Resp: 87949
 Ion Ratio Lower Upper
 96 100
 61 183.7 148.6 222.8
 98 60.5 50.6 75.8





#13

Acrolein

Concen: 257.697 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN062641.D

Acq: 28 Jul 2020 19:07

Instrument :

MSVOA_N

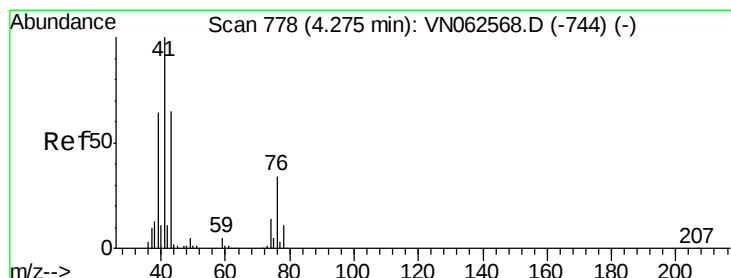
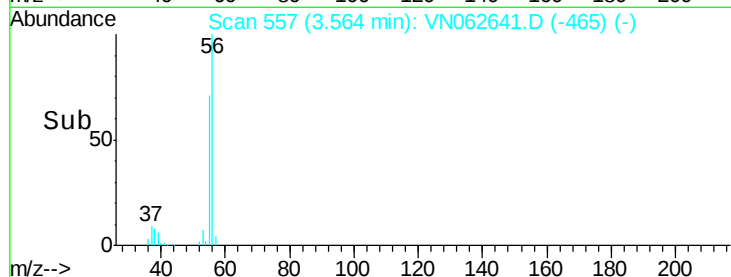
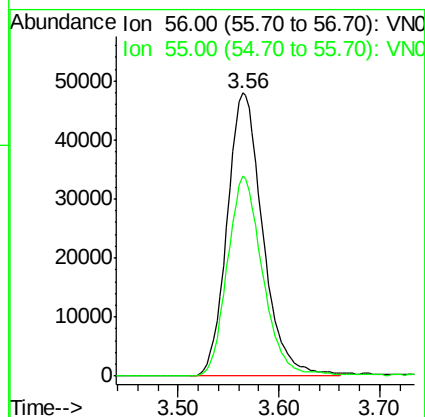
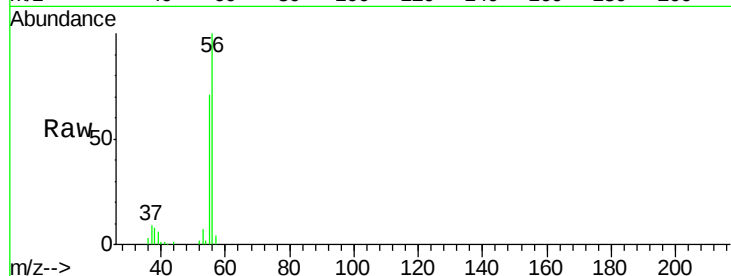
ClientSampleId :

Tot Ion: 56 Resp: 117956

Ion Ratio Lower Upper

56 100

55 69.7 57.0 85.4



#14

Allyl chloride

Concen: 43.669 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062641.D

Acq: 28 Jul 2020 19:07

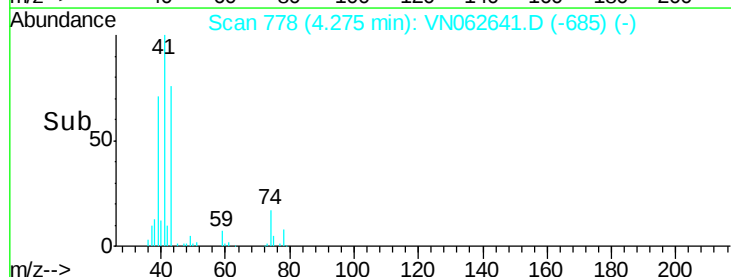
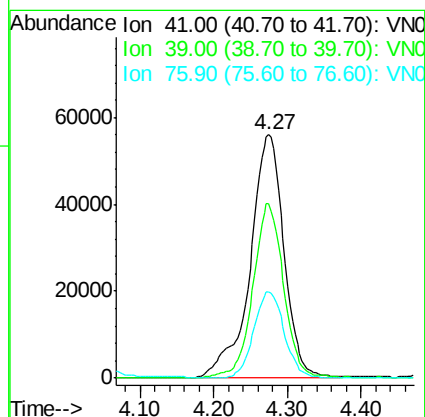
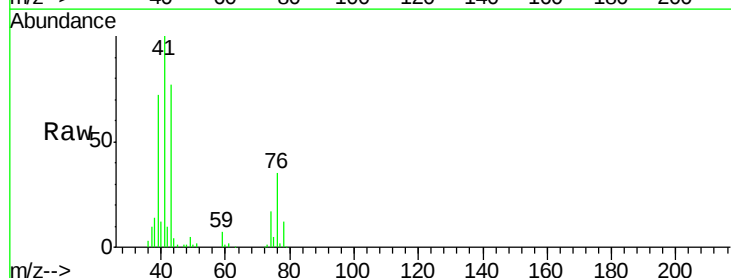
Tgt Ion: 41 Resp: 179457

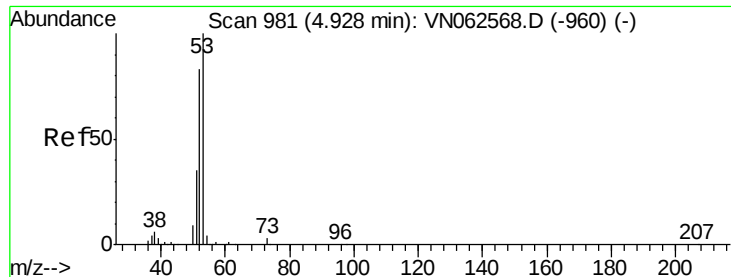
Ion Ratio Lower Upper

41 100

39 65.0 49.0 73.4

76 31.1 24.0 36.0





#15

Acrylonitrile

Concen: 237.017 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN062641.D

Acq: 28 Jul 2020 19:07

Instrument :
MSVOA_N
ClientSampled :

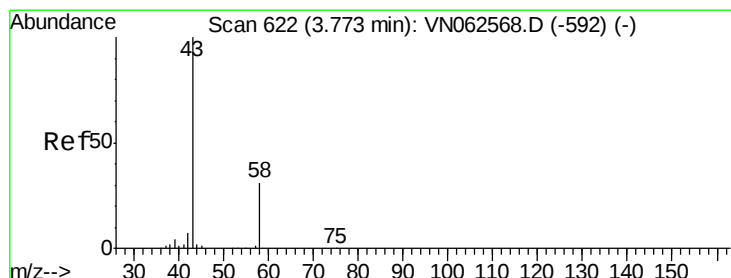
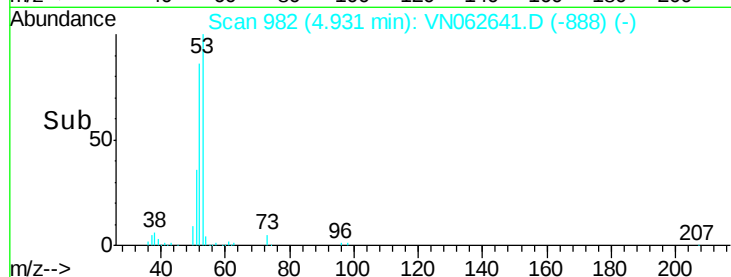
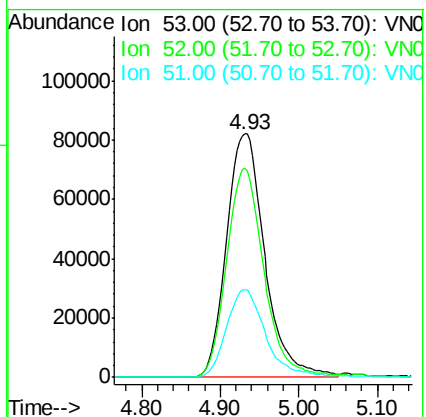
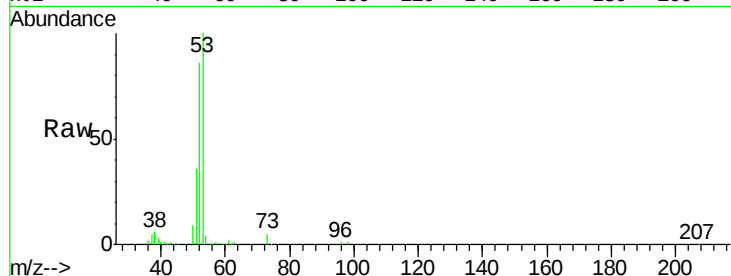
Tot Ion: 53 Resp: 278356

Ion Ratio Lower Upper

53 100

52 83.8 66.3 99.5

51 37.0 28.6 43.0



#16

Acetone

Concen: 224.151 ug/l

RT: 3.77 min Scan# 622

Delta R.T. -0.00 min

Lab File: VN062641.D

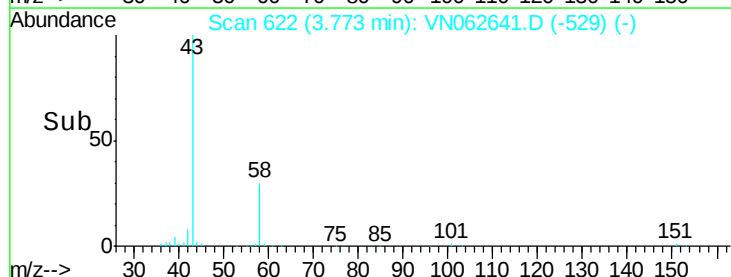
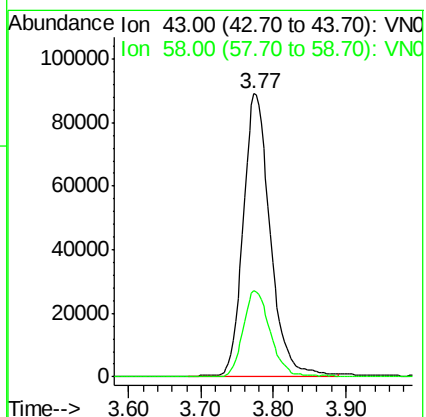
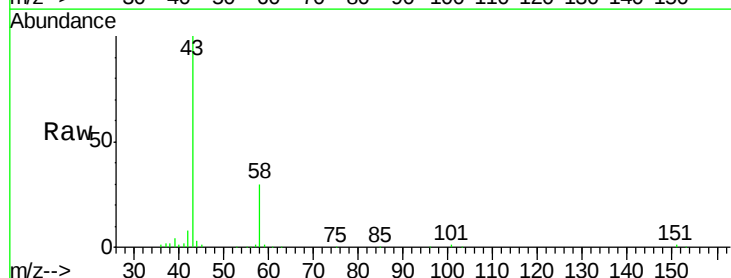
Acq: 28 Jul 2020 19:07

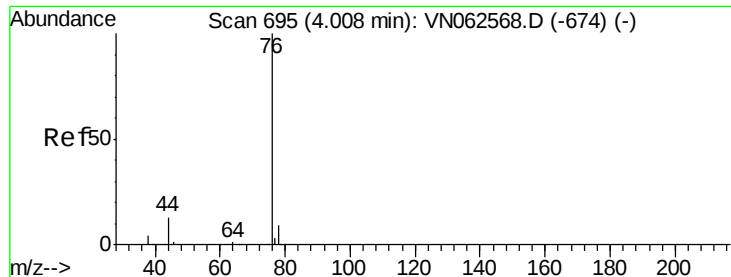
Tgt Ion: 43 Resp: 232488

Ion Ratio Lower Upper

43 100

58 30.5 24.6 37.0





#17

Carbon Disulfide

Concen: 41.652 ug/l

RT: 4.00 min Scan# 694

Delta R.T. -0.00 min

Lab File: VN062641.D

Acq: 28 Jul 2020 19:07

Instrument :

MSVOA_N

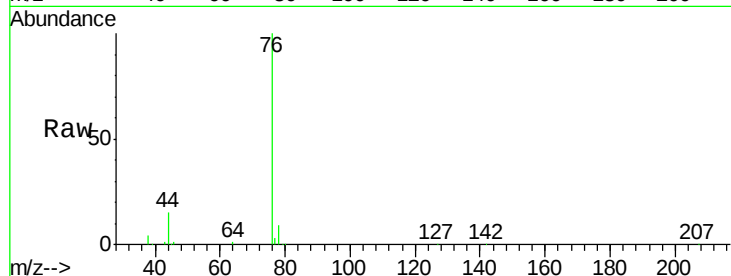
ClientSampled :

Tot Ion: 76 Resp: 259995

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VN062641.D (-602) (-)

Ion 77.90 (77.60 to 78.60): VN062641.D (-602) (-)

4.00

100000

80000

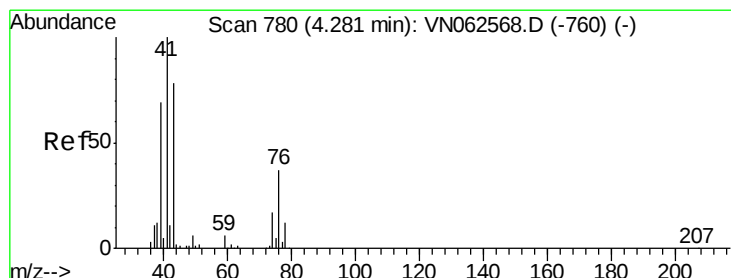
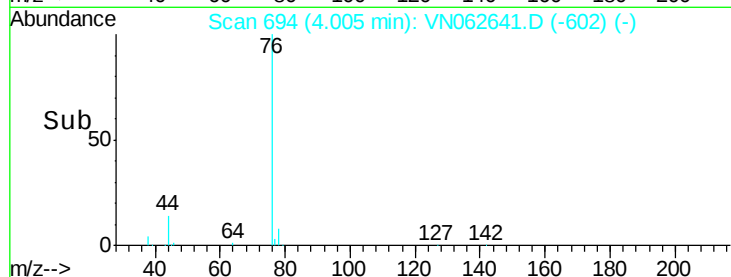
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 47.369 ug/l

RT: 4.28 min Scan# 779

Delta R.T. -0.00 min

Lab File: VN062641.D

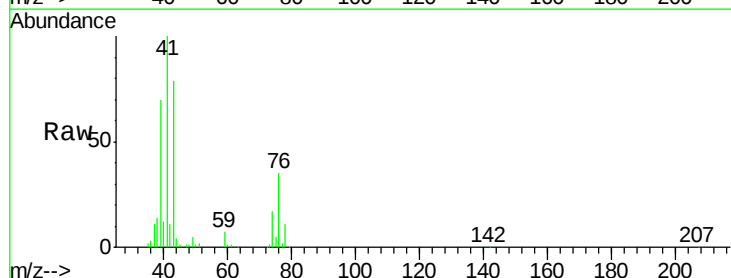
Acq: 28 Jul 2020 19:07

Tgt Ion: 43 Resp: 124379

Ion Ratio Lower Upper

43 100

74 22.2 16.6 24.8



Abundance Ion 43.00 (42.70 to 43.70): VN062641.D (-687) (-)

Ion 74.00 (73.70 to 74.70): VN062641.D (-687) (-)

4.28

50000

40000

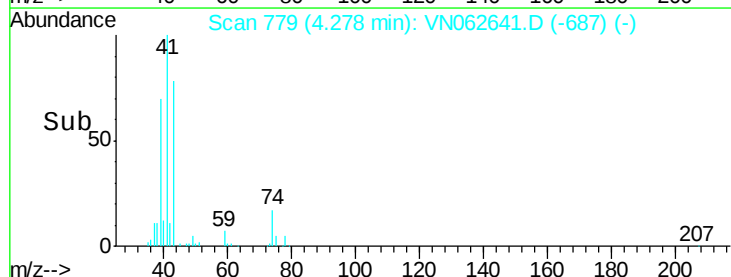
30000

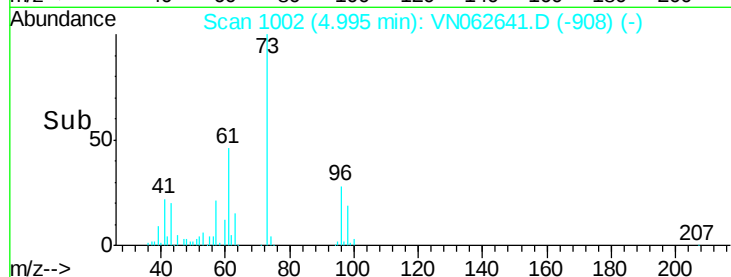
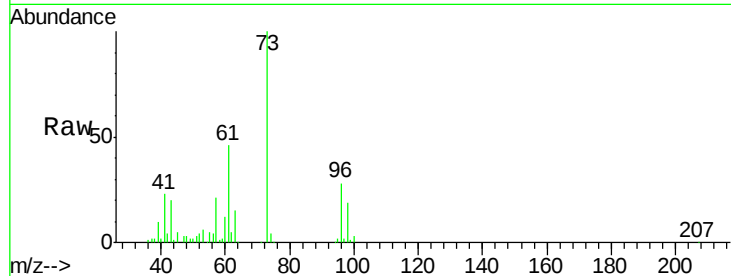
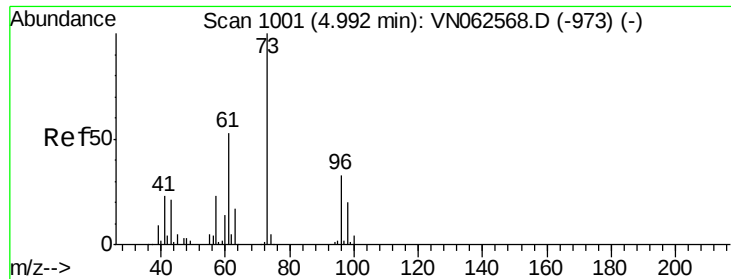
20000

10000

0

Time-->





#19

Methyl tert-butyl Ether

Concen: 48.474 ug/l

RT: 4.99 min Scan# 1002

Delta R.T. 0.00 min

Lab File: VN062641.D

Acq: 28 Jul 2020 19:07

Tot Ion: 73 Resp: 338949

Ion Ratio Lower Upper

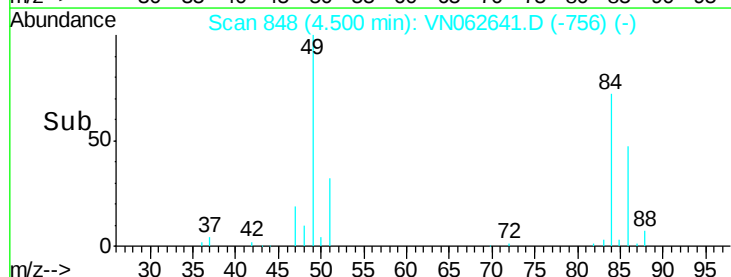
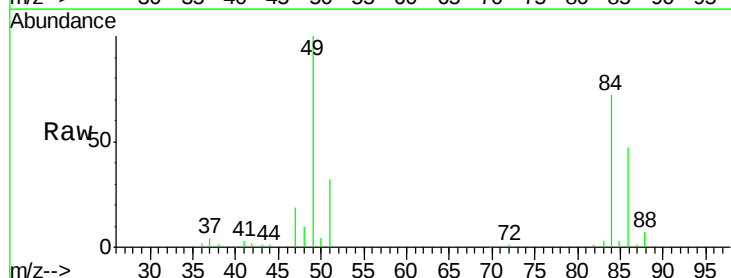
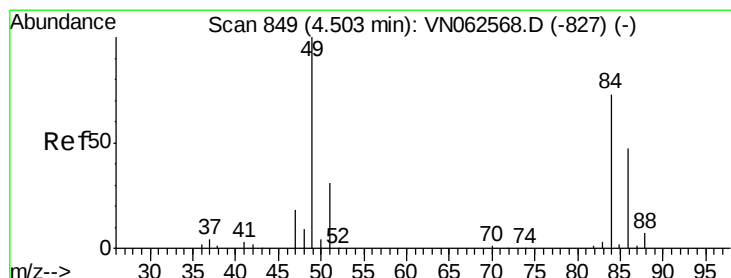
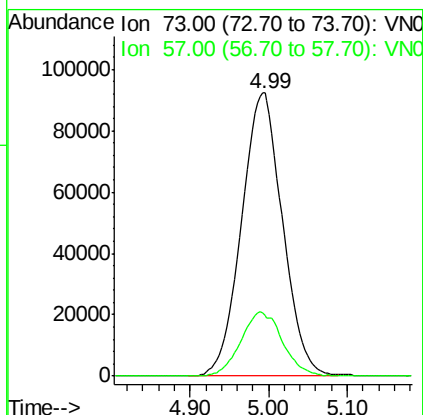
73 100

57 21.4 18.6 27.8

Instrument :

MSVOA_N

ClientSampled :



#20

Methylene Chloride

Concen: 43.152 ug/l

RT: 4.50 min Scan# 848

Delta R.T. -0.00 min

Lab File: VN062641.D

Acq: 28 Jul 2020 19:07

Tgt Ion: 84 Resp: 107346

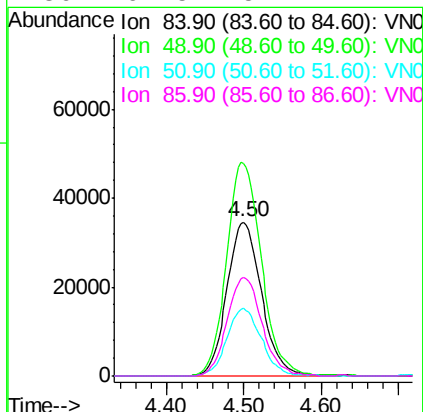
Ion Ratio Lower Upper

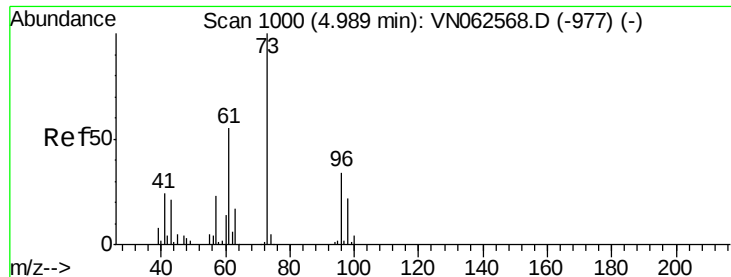
84 100

49 138.6 109.4 164.0

51 43.9 33.6 50.4

86 64.5 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 45.611 ug/l

RT: 4.98 min Scan# 998

Delta R.T. -0.01 min

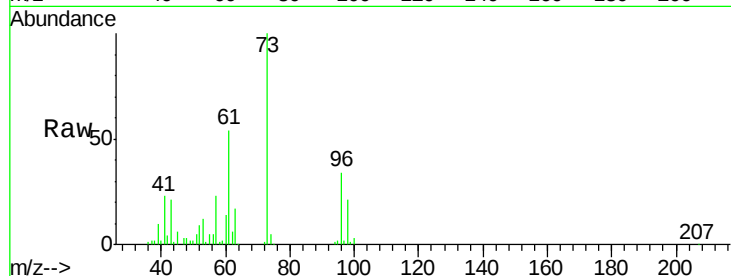
Lab File: VN062641.D

Acq: 28 Jul 2020 19:07

Instrument :

MSVOA_N

ClientSampled :



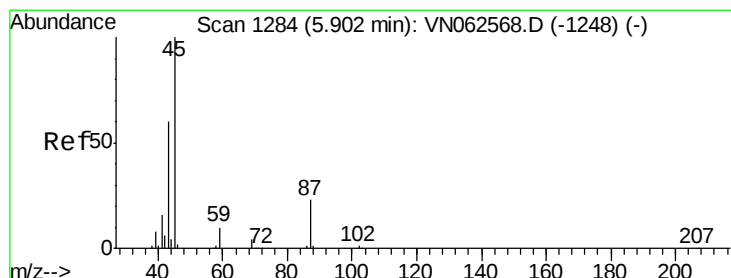
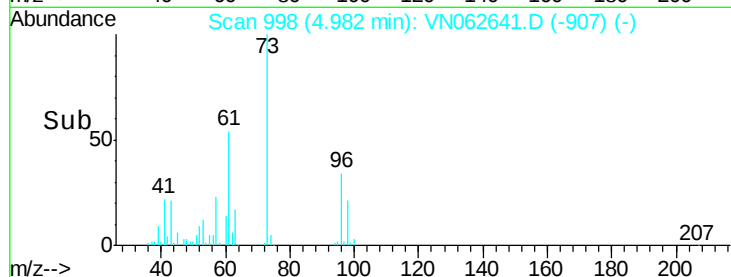
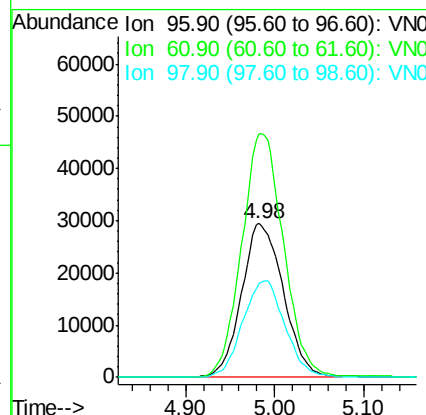
Tot Ion: 96 Resp: 96172

Ion Ratio Lower Upper

96 100

61 158.0 128.6 192.8

98 61.0 50.6 76.0



#22

Diisopropyl ether

Concen: 45.141 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VN062641.D

Acq: 28 Jul 2020 19:07

Tgt Ion: 45 Resp: 368734

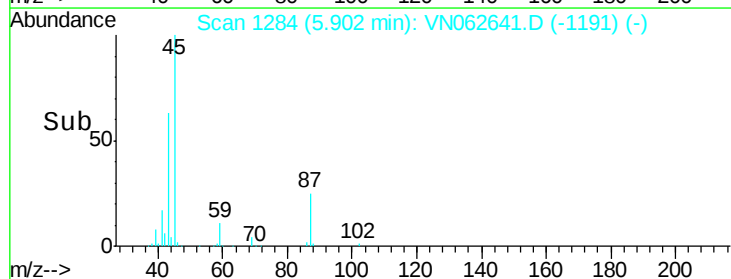
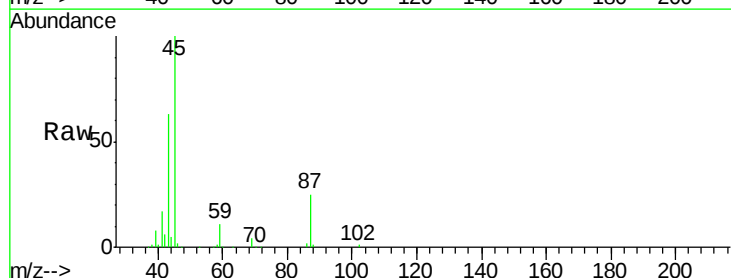
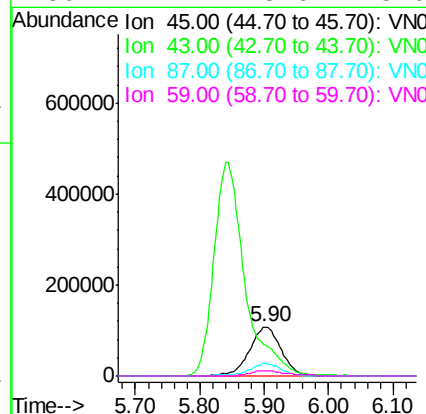
Ion Ratio Lower Upper

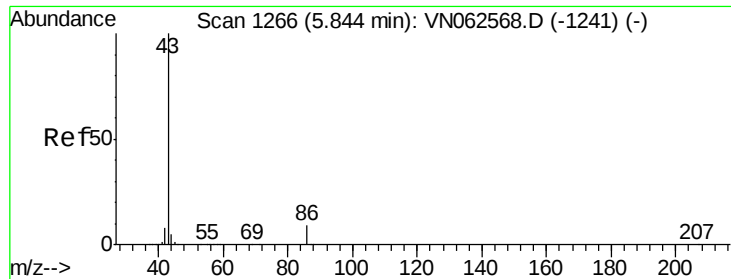
45 100

43 62.1 48.7 73.1

87 25.0 19.0 28.6

59 11.2 8.6 13.0





#23

Vinyl Acetate

Concen: 235.199 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN062641.D

Acq: 28 Jul 2020 19:07

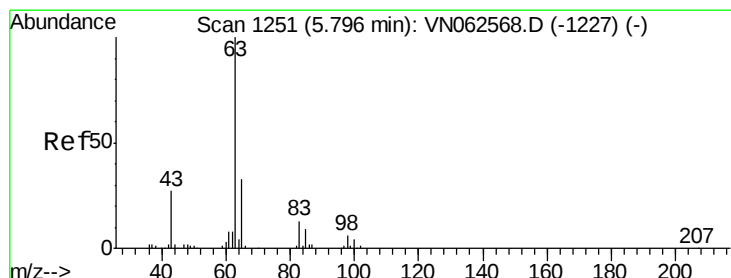
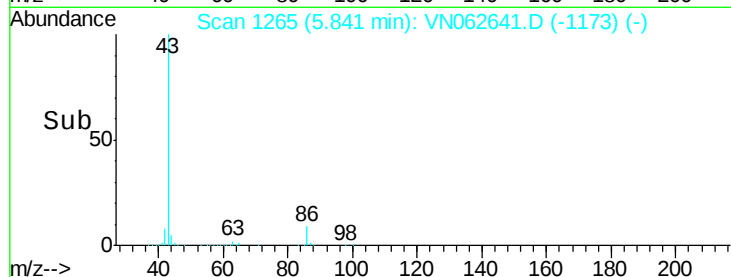
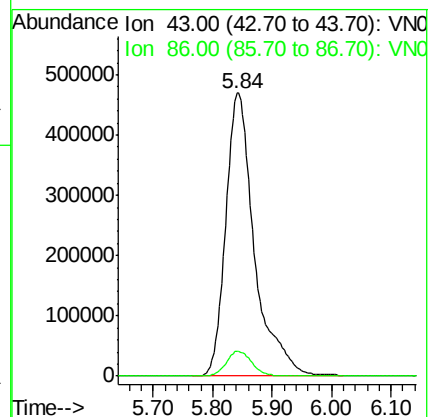
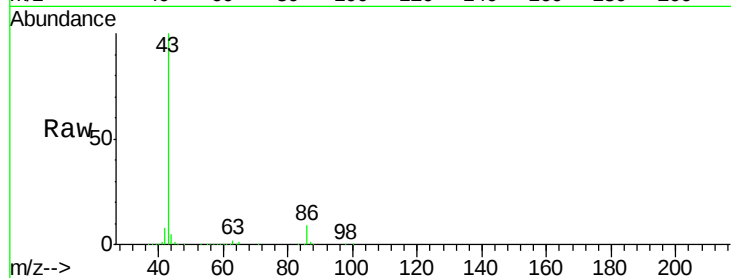
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 1574206

Ion Ratio Lower Upper

43 100

86 8.9 6.9 10.3



#24

1,1-Dichloroethane

Concen: 46.440 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062641.D

Acq: 28 Jul 2020 19:07

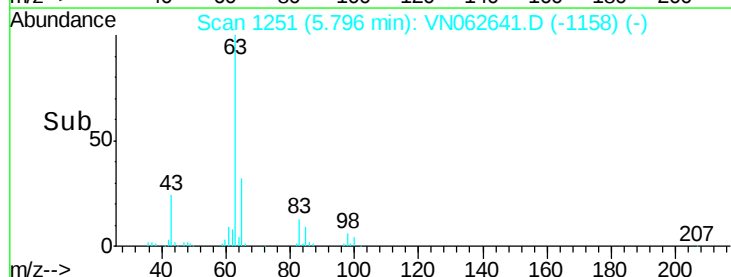
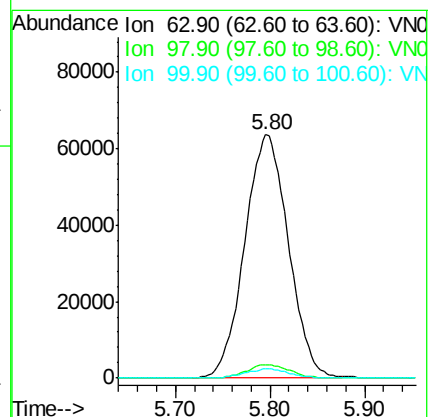
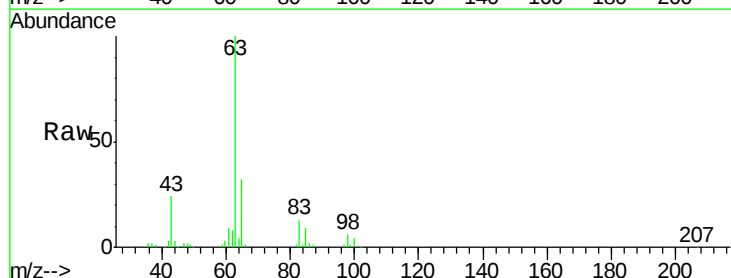
Tgt Ion: 63 Resp: 204276

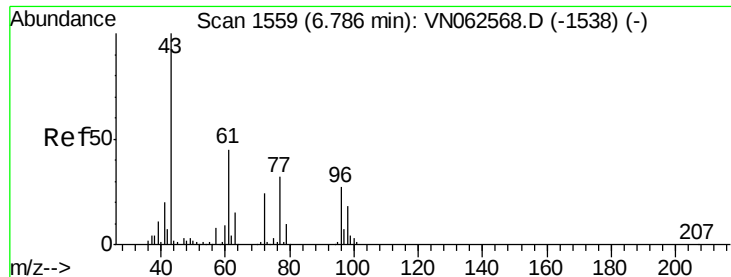
Ion Ratio Lower Upper

63 100

98 5.6 2.9 8.8

100 4.1 1.8 5.4





#25

2-Butanone

Concen: 235.301 ug/l

RT: 6.79 min Scan# 1559

Delta R.T. -0.00 min

Lab File: VN062641.D

Acq: 28 Jul 2020 19:07

Instrument :

MSVOA_N

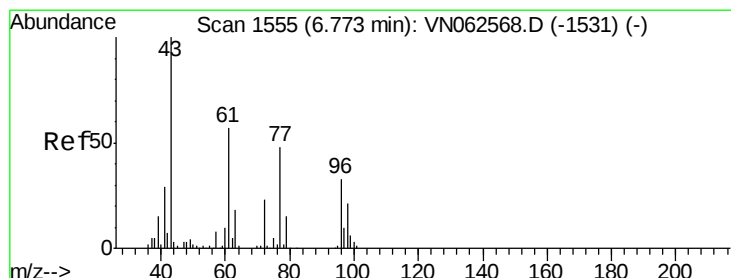
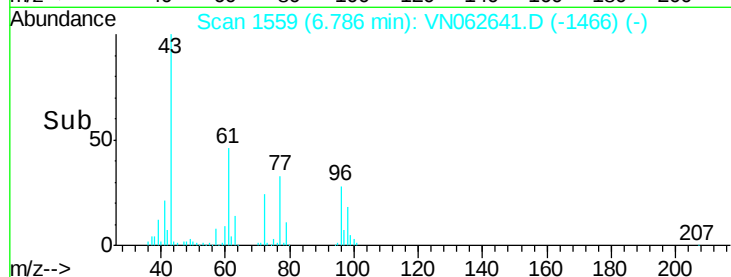
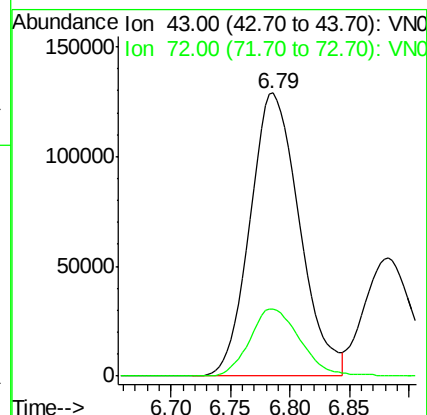
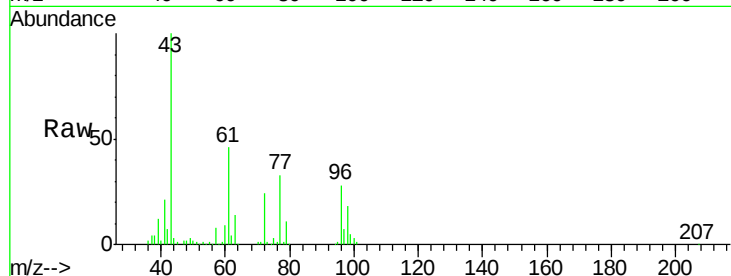
ClientSampleId :

Tot Ion: 43 Resp: 371686

Ion Ratio Lower Upper

43 100

72 23.8 19.0 28.6



#26

2,2-Dichloropropane

Concen: 45.618 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. -0.00 min

Lab File: VN062641.D

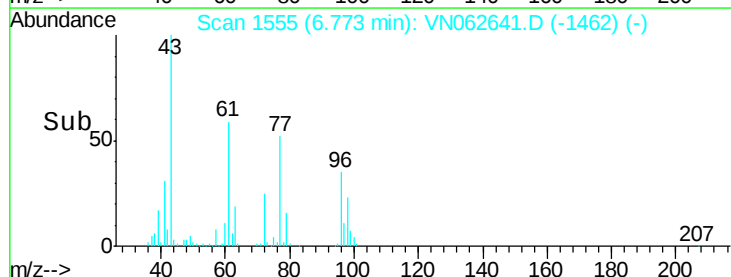
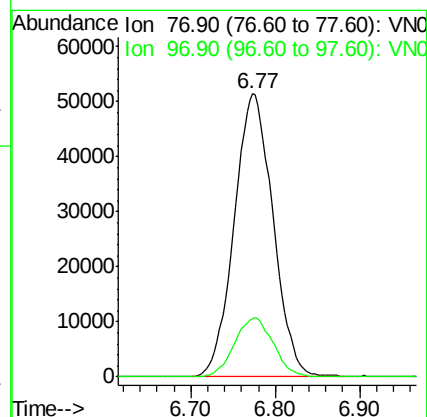
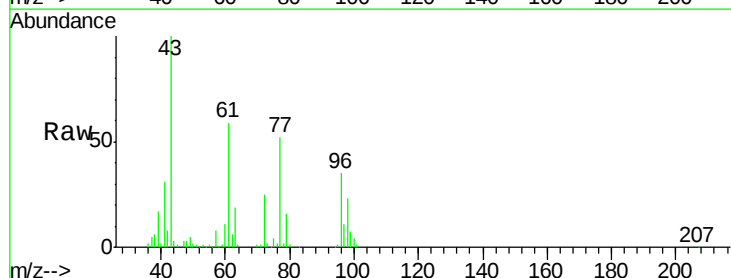
Acq: 28 Jul 2020 19:07

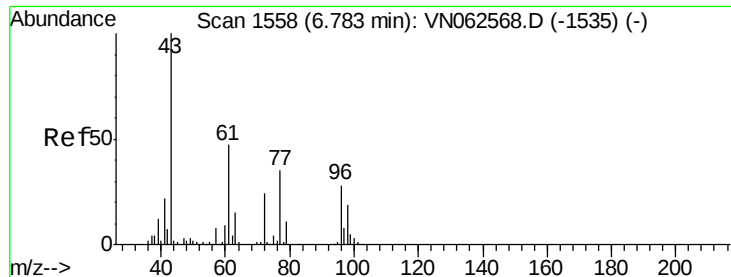
Tgt Ion: 77 Resp: 164723

Ion Ratio Lower Upper

77 100

97 20.8 10.8 32.4





#27

cis-1,2-Dichloroethene

Concen: 45.238 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. -0.00 min

Lab File: VN062641.D

Acq: 28 Jul 2020 19:07

Instrument :
MSVOA_N
ClientSampleId :

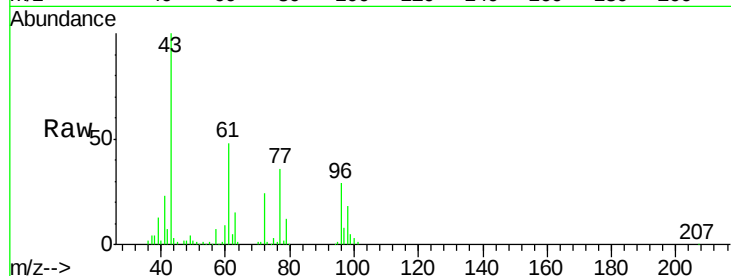
Tot Ion: 96 Resp: 108845

Ion Ratio Lower Upper

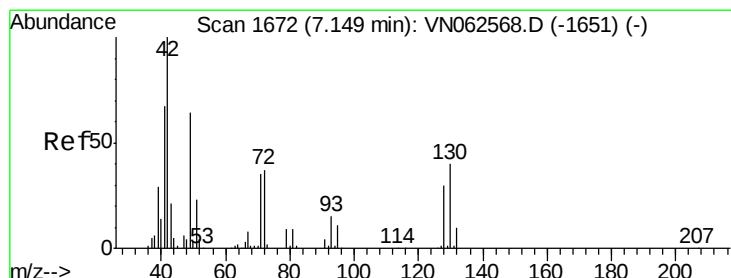
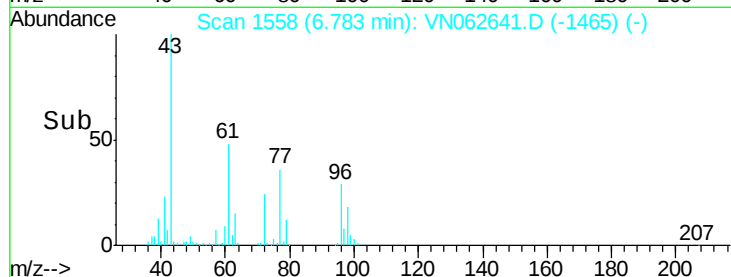
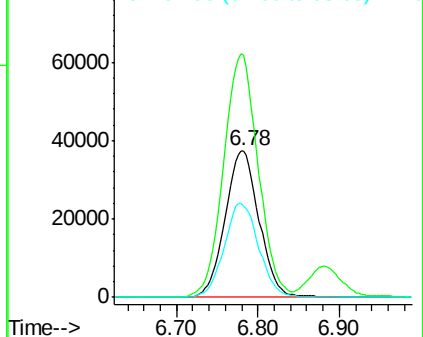
96 100

61 168.6 0.0 332.4

98 64.9 0.0 127.4



Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 47.193 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VN062641.D

Acq: 28 Jul 2020 19:07

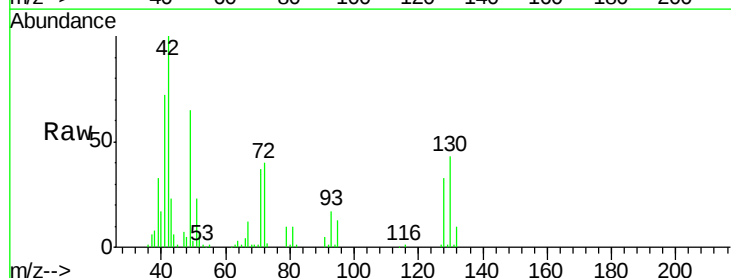
Tgt Ion: 49 Resp: 102161

Ion Ratio Lower Upper

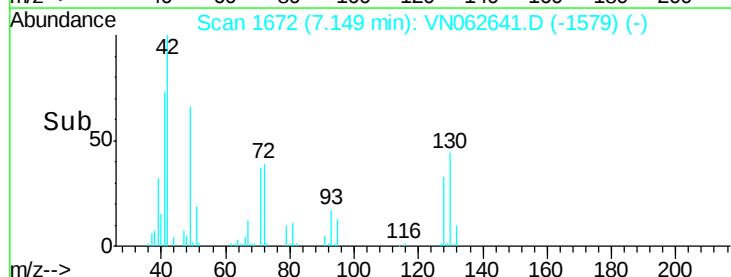
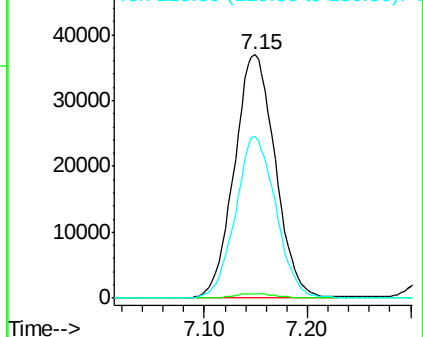
49 100

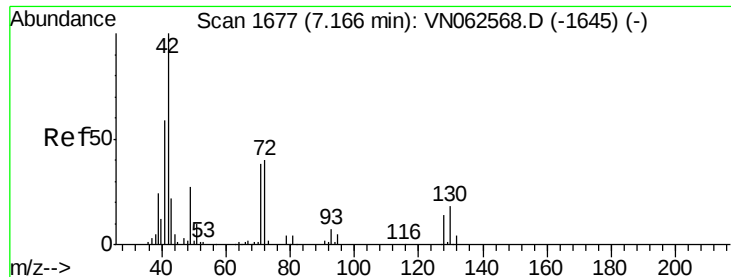
129 0.8 0.0 3.4

130 65.0 49.8 74.8



Abundance Ion 48.90 (48.60 to 49.60): VN0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

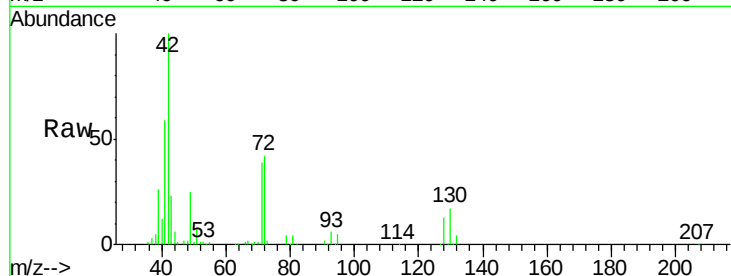




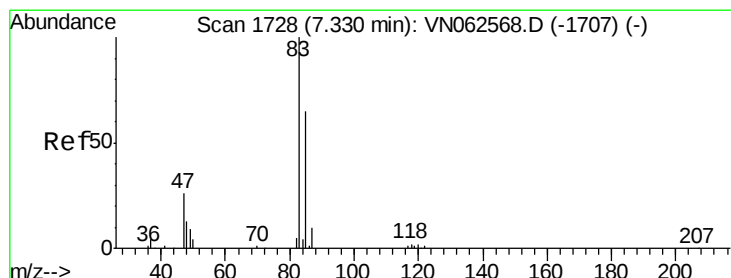
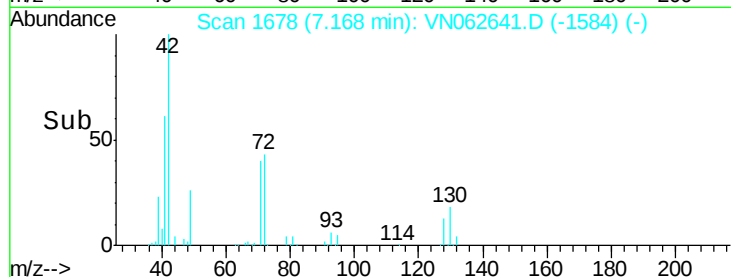
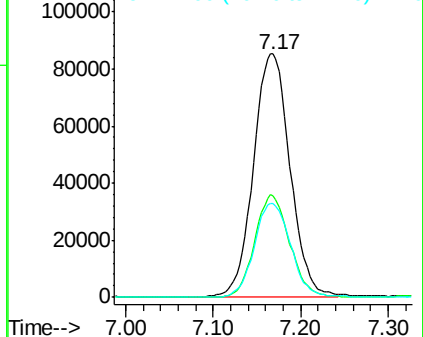
#29
Tetrahydrofuran
Concen: 231.611 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.00 min
Lab File: VN062641.D
Acq: 28 Jul 2020 19:07

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 42 Resp: 247560
Ion Ratio Lower Upper
42 100
72 40.4 30.7 46.1
71 38.4 29.1 43.7

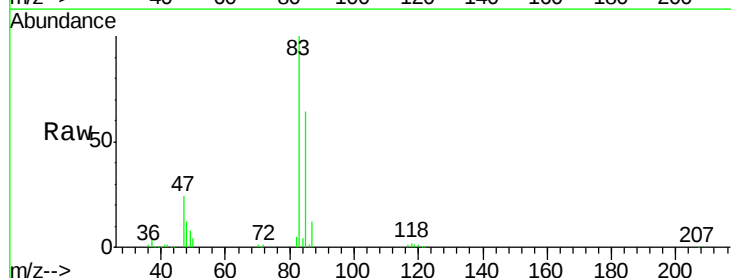


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

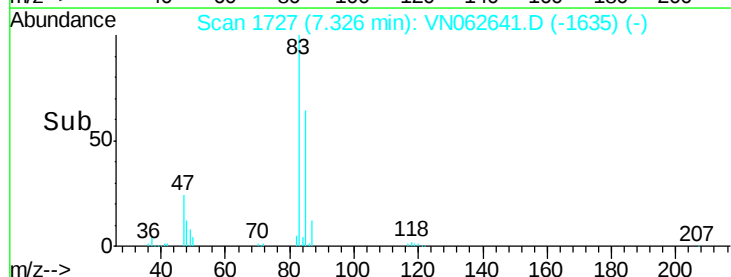
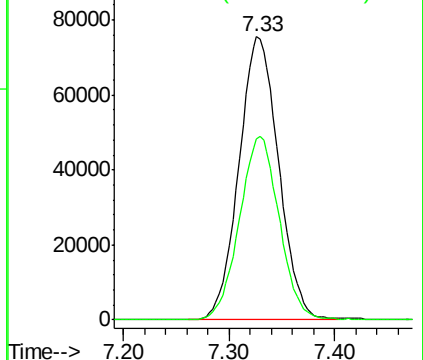


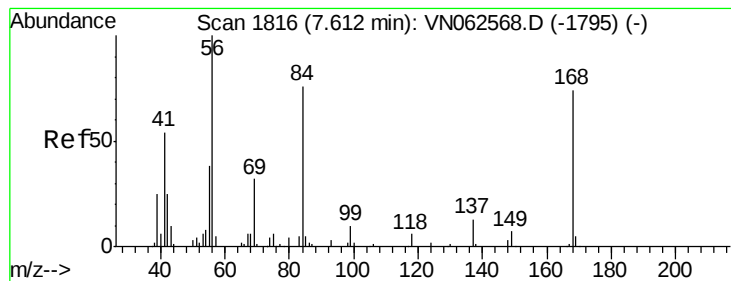
#30
Chloroform
Concen: 47.269 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062641.D
Acq: 28 Jul 2020 19:07

Tgt Ion: 83 Resp: 197694
Ion Ratio Lower Upper
83 100
85 64.1 52.0 78.0



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0





#31

Cyclohexane

Concen: 43.363 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN062641.D

Acq: 28 Jul 2020 19:07

Instrument :
MSVOA_N
ClientSampled :

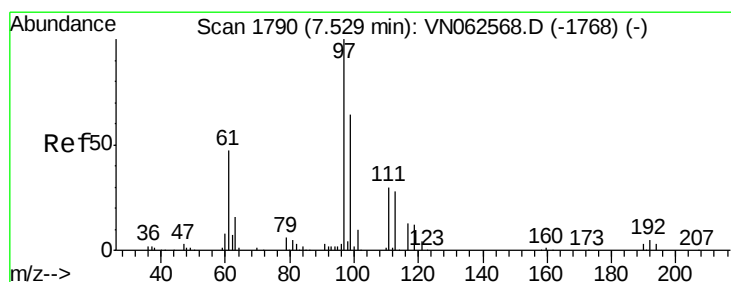
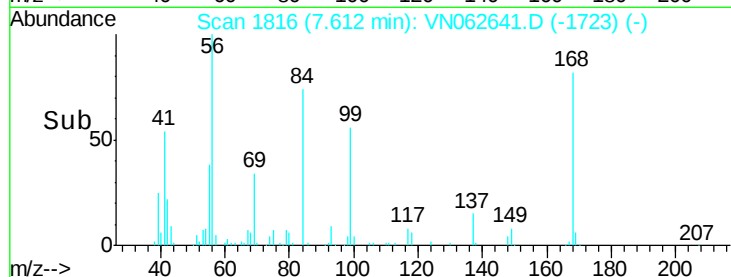
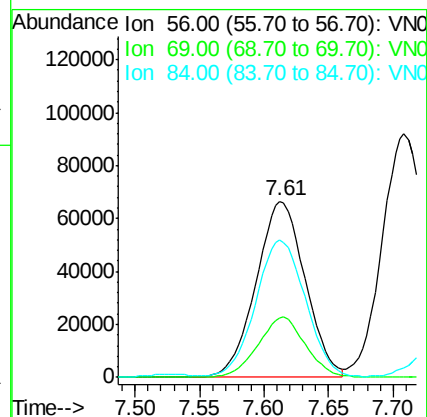
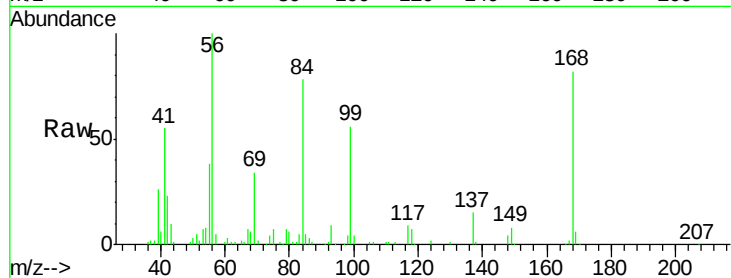
Tot Ion: 56 Resp: 176108

Ion Ratio Lower Upper

56 100

69 34.0 25.3 37.9

84 76.7 61.0 91.4



#32

1,1,1-Trichloroethane

Concen: 50.023 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VN062641.D

Acq: 28 Jul 2020 19:07

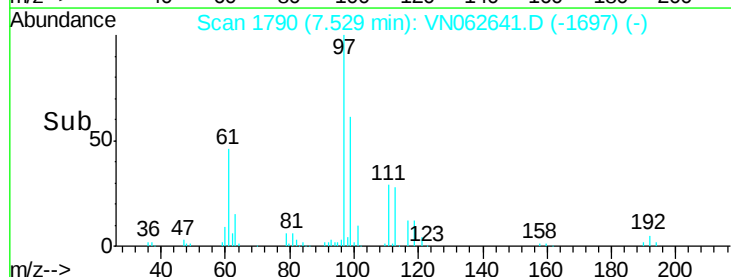
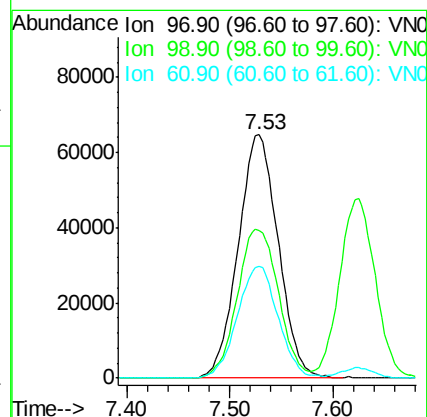
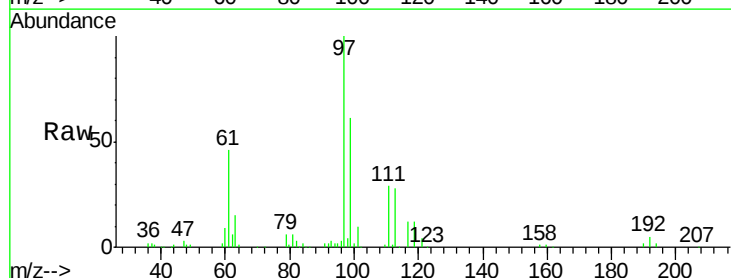
Tgt Ion: 97 Resp: 174668

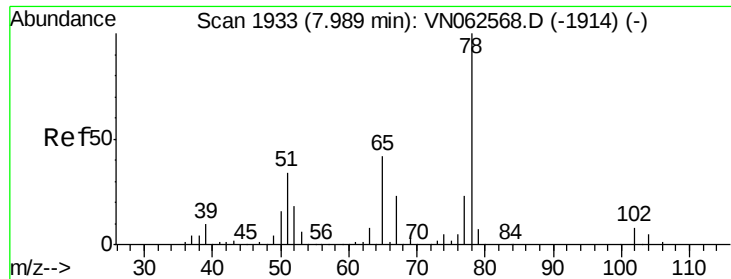
Ion Ratio Lower Upper

97 100

99 63.2 51.2 76.8

61 47.0 38.4 57.6





#33

1,2-Dichloroethane-d4

Concen: 49.099 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN062641.D

Acq: 28 Jul 2020 19:07

Instrument :

MSVOA_N

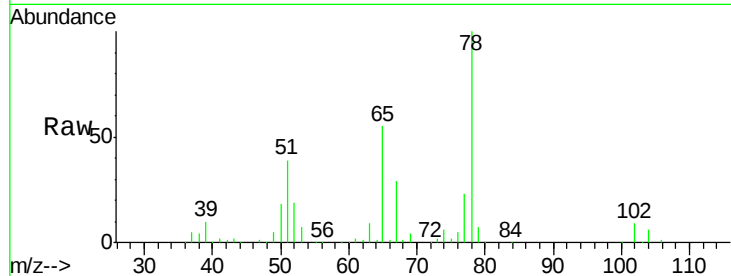
ClientSampleId :

Tot Ion: 65 Resp: 135330

Ion Ratio Lower Upper

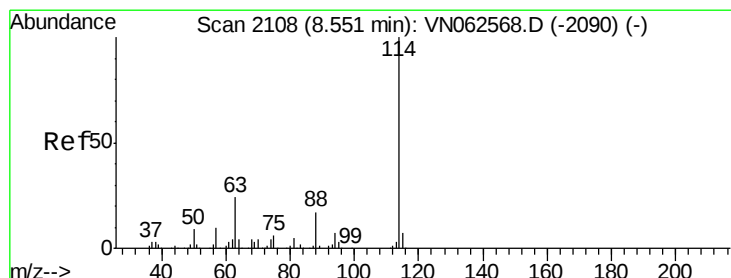
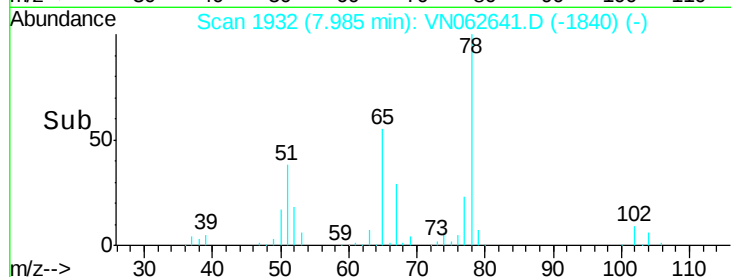
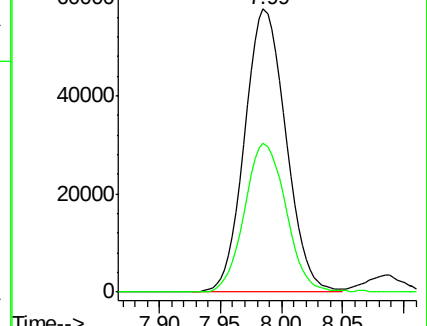
65 100

67 52.7 0.0 106.0



Abundance Ion 64.90 (64.60 to 65.60): VN062568.D (-1914) (-)

Ion 66.90 (66.60 to 67.60): VN062568.D (-1914) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2107

Delta R.T. -0.00 min

Lab File: VN062641.D

Acq: 28 Jul 2020 19:07

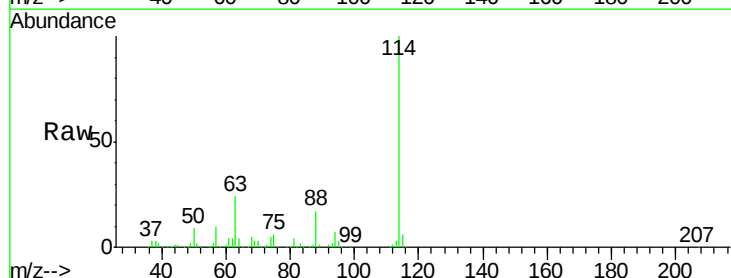
Tgt Ion: 114 Resp: 294929

Ion Ratio Lower Upper

114 100

63 24.4 0.0 48.4

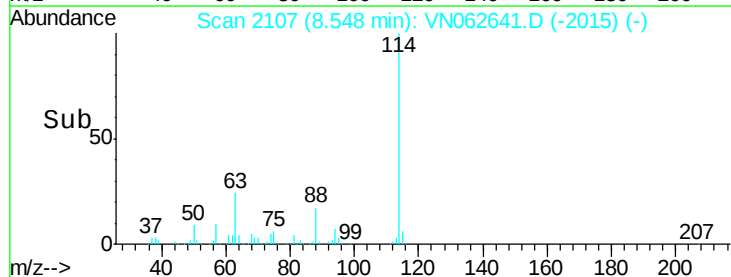
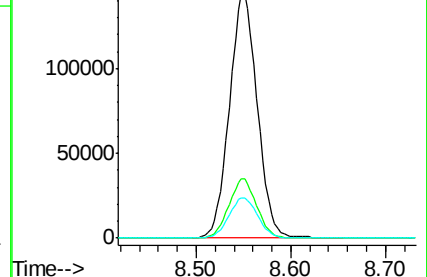
88 16.7 0.0 33.8

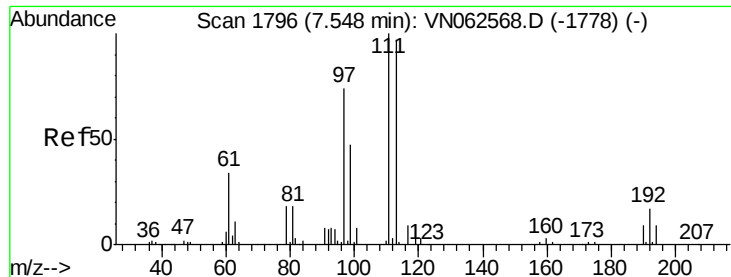


Abundance Ion 113.90 (113.60 to 114.60): VN062568.D (-2090) (-)

Ion 63.00 (62.70 to 63.70): VN062568.D (-2090) (-)

Ion 87.90 (87.60 to 88.60): VN062568.D (-2090) (-)

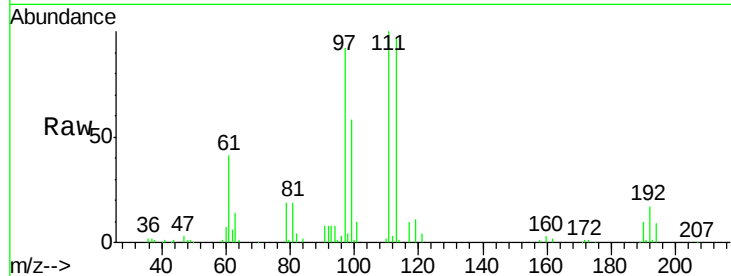




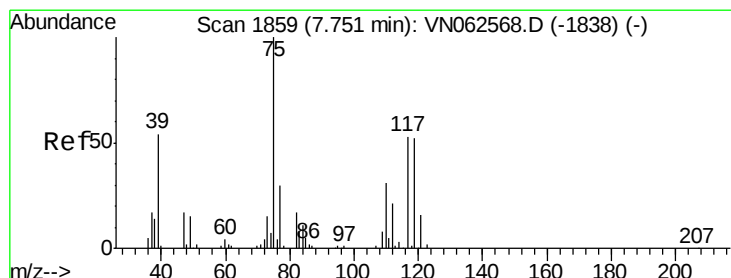
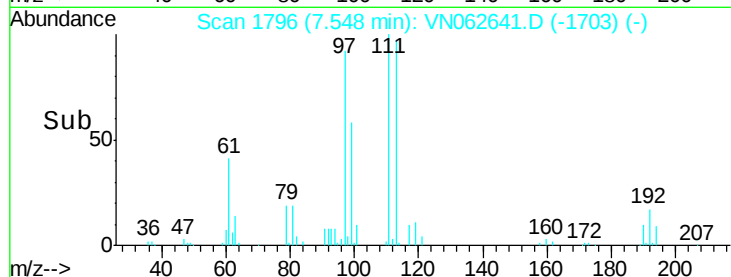
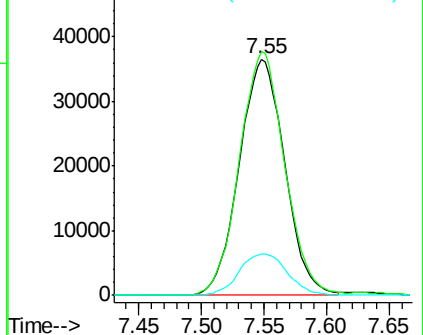
#35
 Dibromofluoromethane
 Concen: 47.663 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062641.D
 Acq: 28 Jul 2020 19:07

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:113 Resp: 92336
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.7 124.1
 192 18.5 14.8 22.2

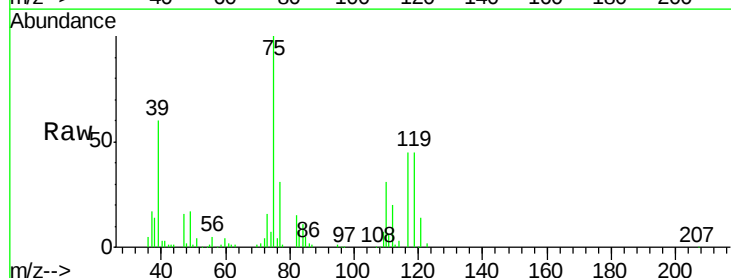


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

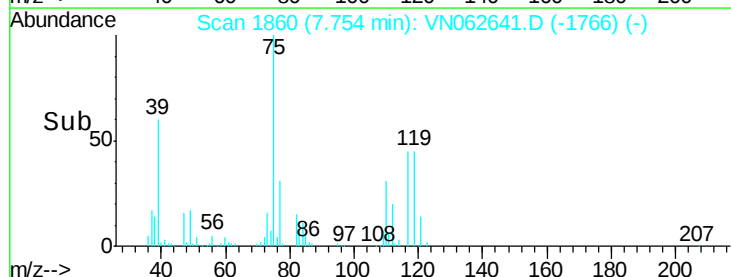
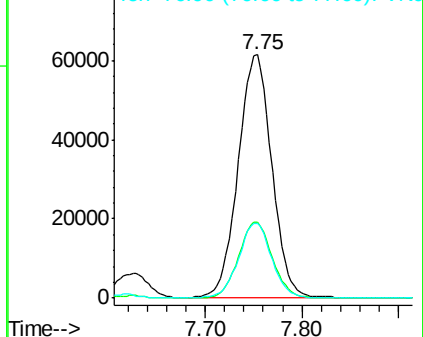


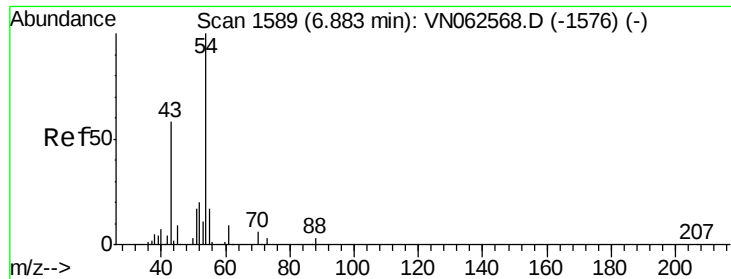
#36
 1,1-Dichloropropene
 Concen: 47.094 ug/l
 RT: 7.75 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VN062641.D
 Acq: 28 Jul 2020 19:07

Tgt Ion: 75 Resp: 148047
 Ion Ratio Lower Upper
 75 100
 110 31.4 16.0 48.0
 77 30.6 24.6 36.8



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

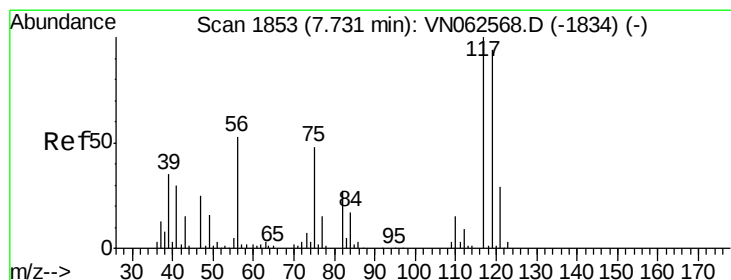
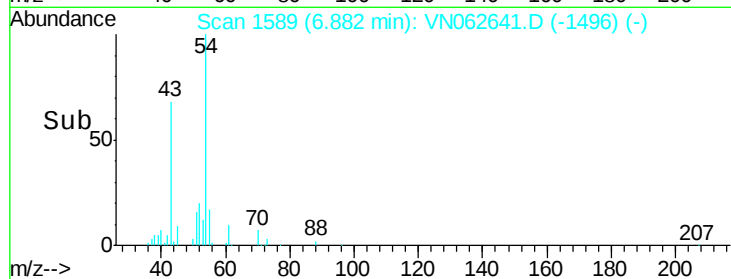
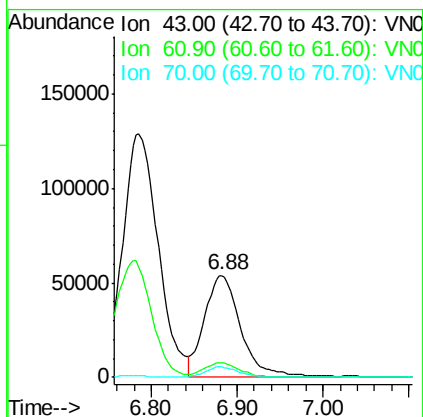
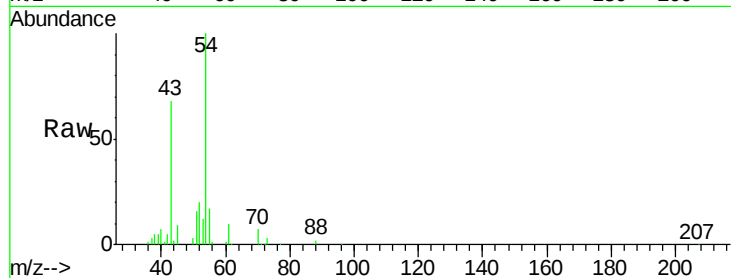




#37
Ethyl Acetate
Concen: 46.368 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. -0.00 min
Lab File: VN062641.D
Acq: 28 Jul 2020 19:07

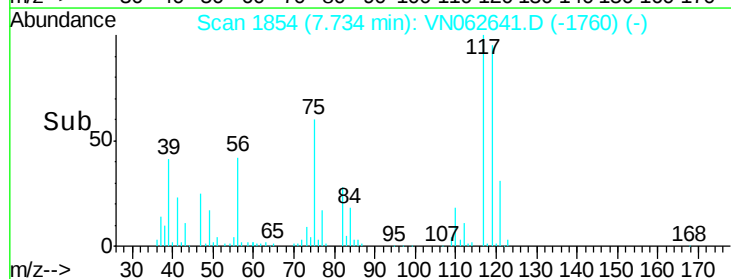
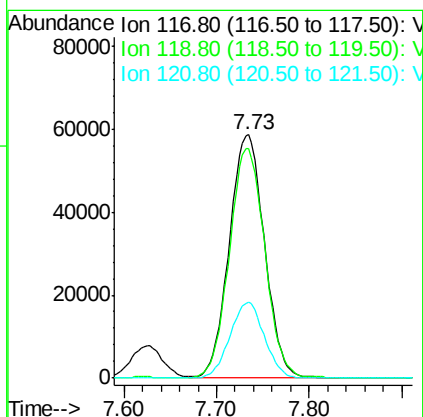
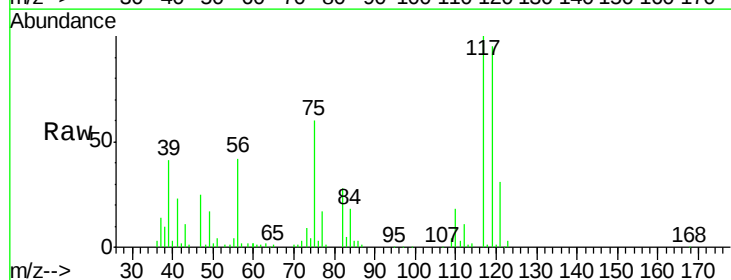
Instrument :
MSVOA_N
ClientSampled :

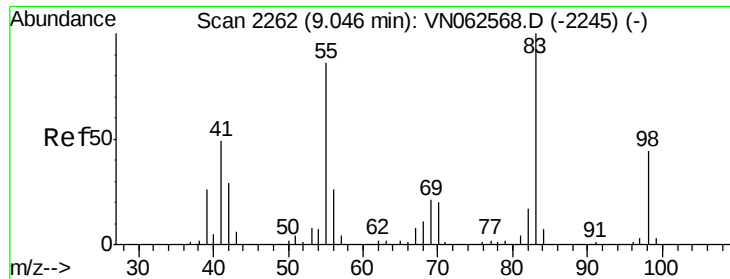
Tot Ion: 43 Resp: 157126
Ion Ratio Lower Upper
43 100
61 13.4 11.3 16.9
70 9.3 7.7 11.5



#38
Carbon Tetrachloride
Concen: 51.210 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VN062641.D
Acq: 28 Jul 2020 19:07

Tgt Ion: 117 Resp: 154742
Ion Ratio Lower Upper
117 100
119 94.5 74.8 112.2
121 31.4 23.0 34.6

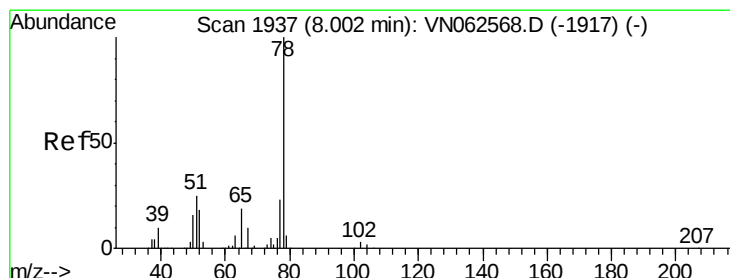
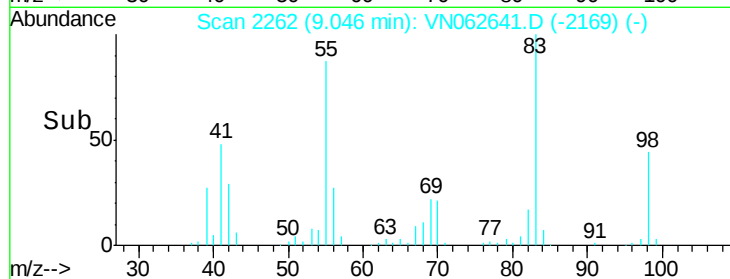
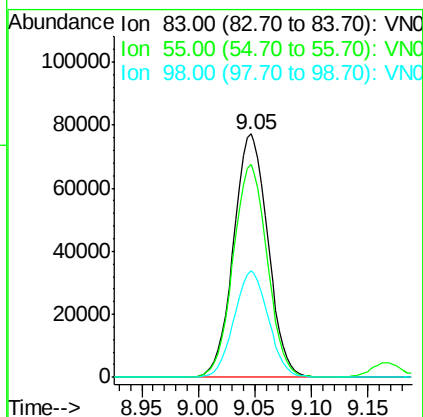
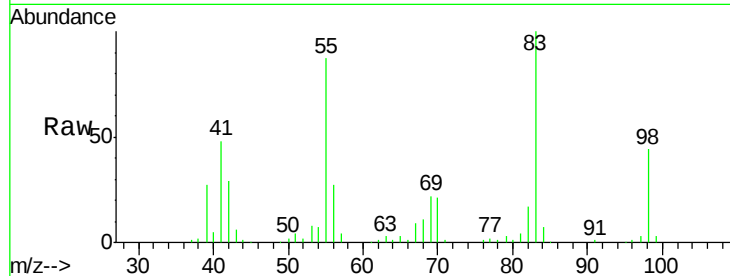




#39
Methvlcvclohexane
Concen: 48.262 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062641.D
Acq: 28 Jul 2020 19:07

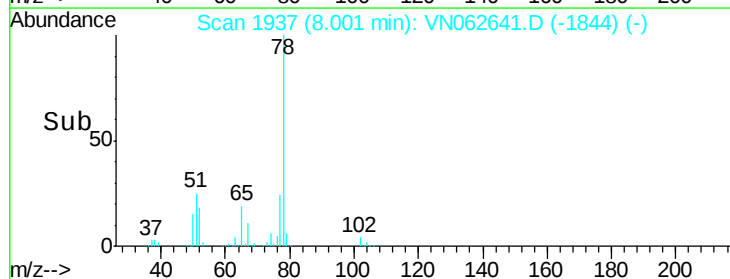
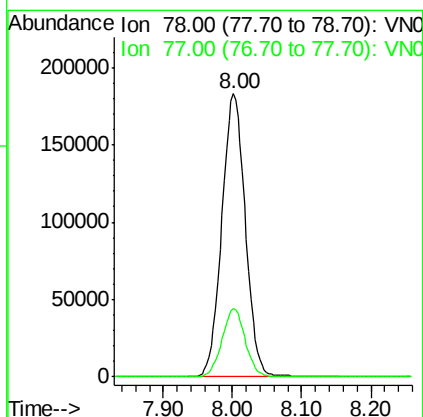
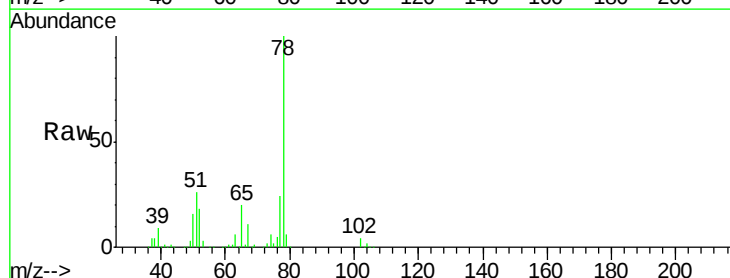
Instrument :
MSVOA_N
ClientSampleId :

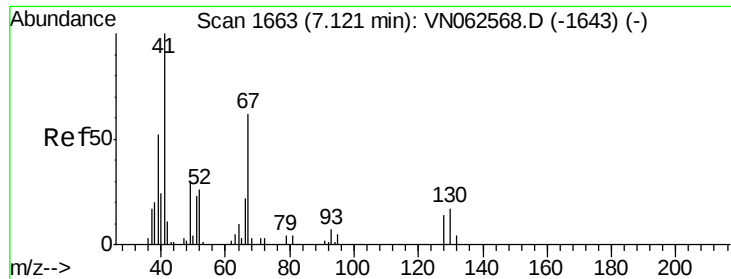
Tot Ion: 83 Resp: 163318
Ion Ratio Lower Upper
83 100
55 87.2 68.9 103.3
98 43.7 35.1 52.7



#40
Benzene
Concen: 45.513 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062641.D
Acq: 28 Jul 2020 19:07

Tgt Ion: 78 Resp: 433160
Ion Ratio Lower Upper
78 100
77 24.1 18.7 28.1

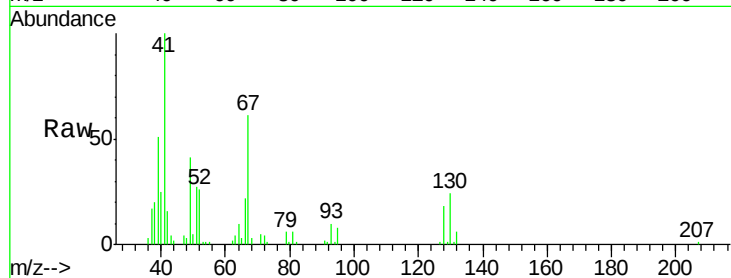




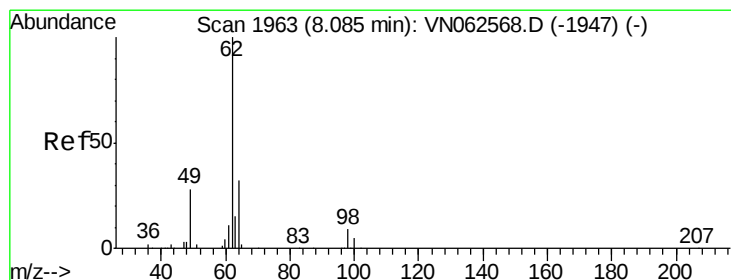
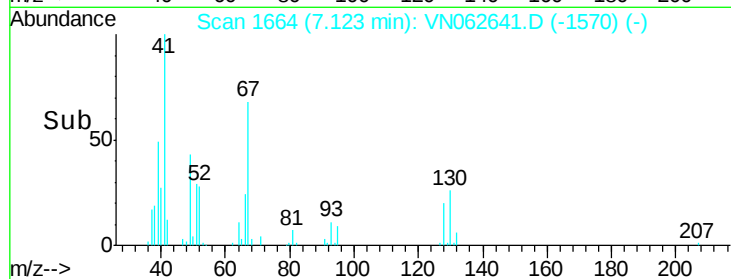
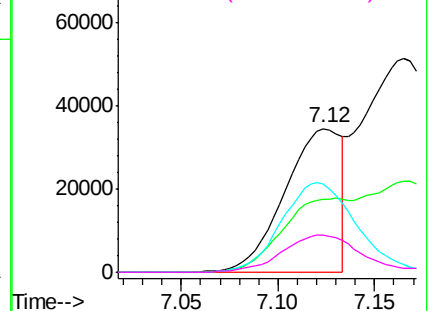
#41
Methacrylonitrile
Concen: 48.281 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. 0.00 min
Lab File: VN062641.D
Acq: 28 Jul 2020 19:07

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:	41	Resp:	70119
Ion	Ratio	Lower	Upper
41	100		
39	59.0	55.8	83.6
67	83.4	72.5	108.7
52	36.8	31.8	47.8

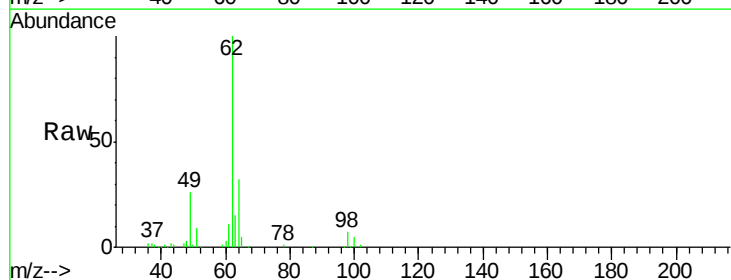


Abundance Ion 41.00 (40.70 to 41.70): VN062641.D (-1570) (-)
Ion 39.00 (38.70 to 39.70): VN062641.D (-1570) (-)
Ion 67.00 (66.70 to 67.70): VN062641.D (-1570) (-)
Ion 52.00 (51.70 to 52.70): VN062641.D (-1570) (-)

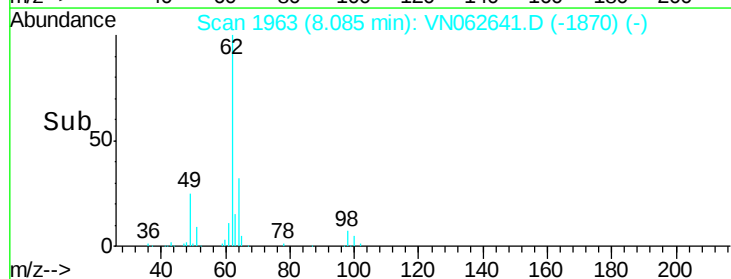
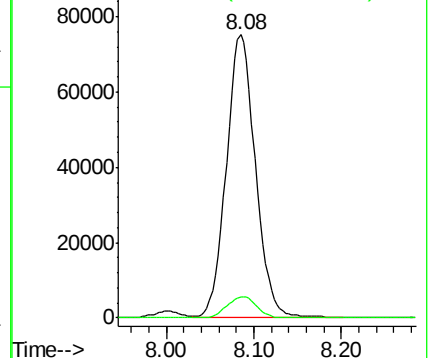


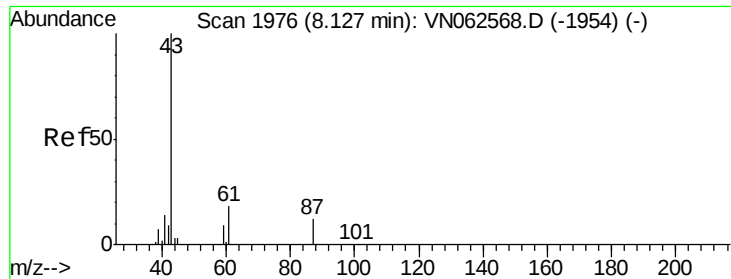
#42
1,2-Dichloroethane
Concen: 50.063 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062641.D
Acq: 28 Jul 2020 19:07

Tgt Ion:	62	Resp:	174189
Ion	Ratio	Lower	Upper
62	100		
98	7.5	0.0	16.2



Abundance Ion 61.90 (61.60 to 62.60): VN062641.D (-1870) (-)
Ion 97.90 (97.60 to 98.60): VN062641.D (-1870) (-)





#43

Isopropyl Acetate

Concen: 47.494 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN062641.D

Acq: 28 Jul 2020 19:07

Instrument :

MSVOA_N

ClientSampleId :

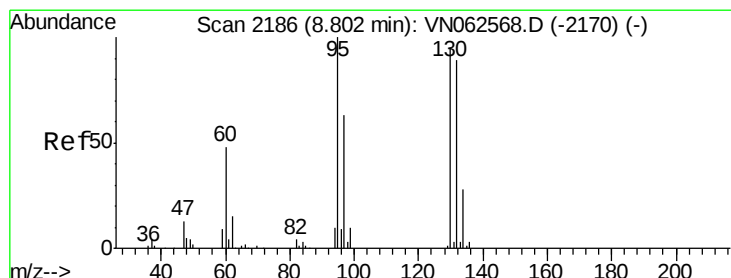
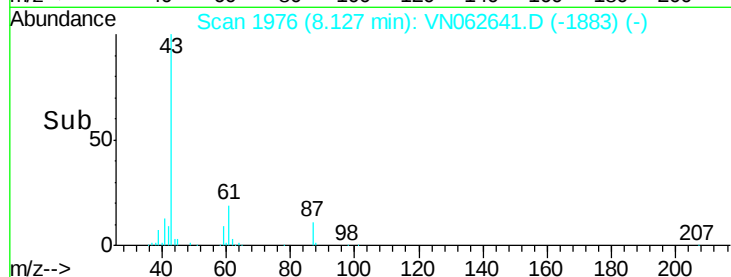
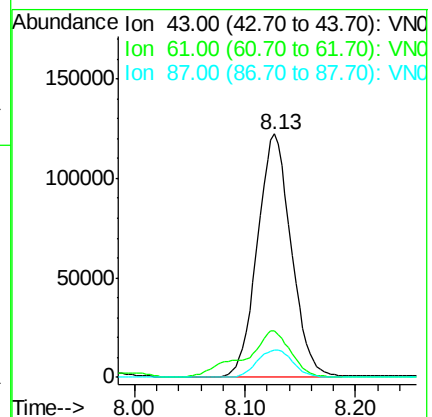
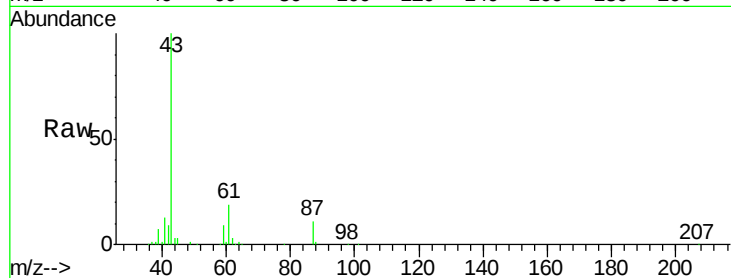
Tot Ion: 43 Resp: 259449

Ion Ratio Lower Upper

43 100

61 26.1 20.8 31.2

87 12.0 9.2 13.8



#44

Trichloroethene

Concen: 46.357 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN062641.D

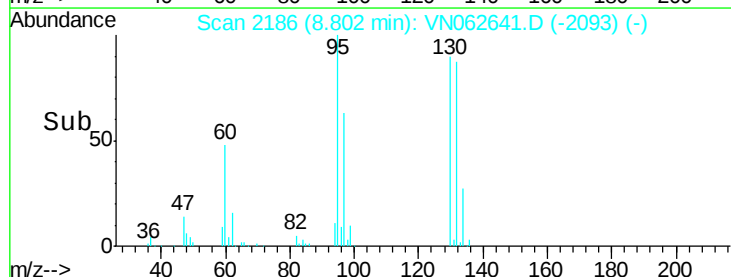
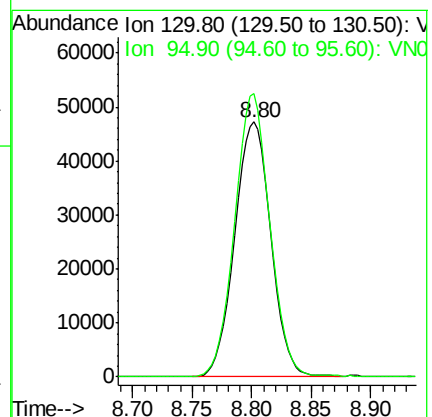
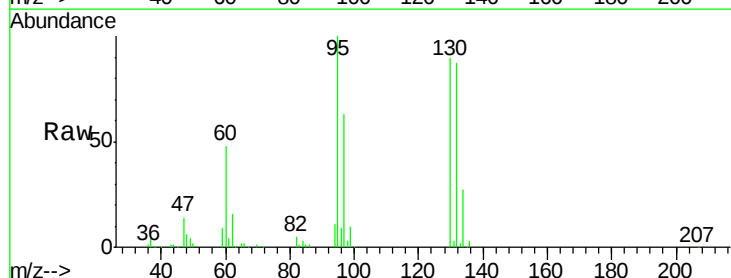
Acq: 28 Jul 2020 19:07

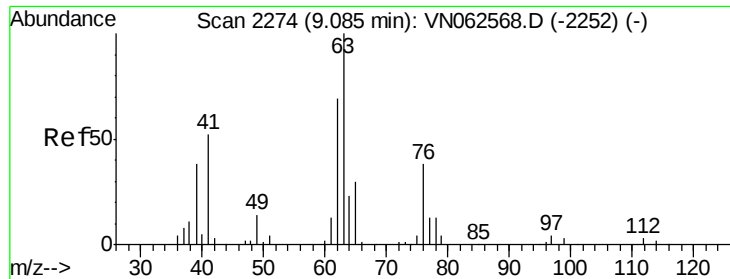
Tgt Ion: 130 Resp: 99494

Ion Ratio Lower Upper

130 100

95 111.1 0.0 210.4





#45

1,2-Dichloropropane

Concen: 46.147 ug/l

RT: 9.08 min Scan# 2274

Delta R.T. -0.00 min

Lab File: VN062641.D

Acq: 28 Jul 2020 19:07

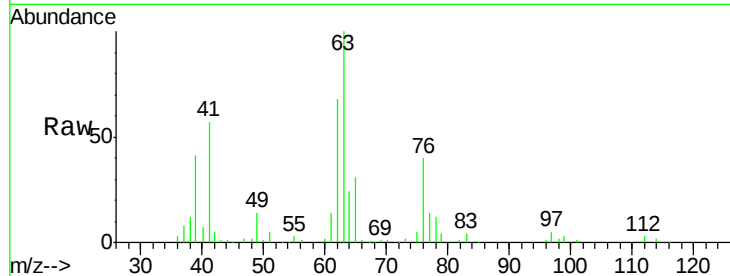
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 63 Resp: 123312

Ion Ratio Lower Upper

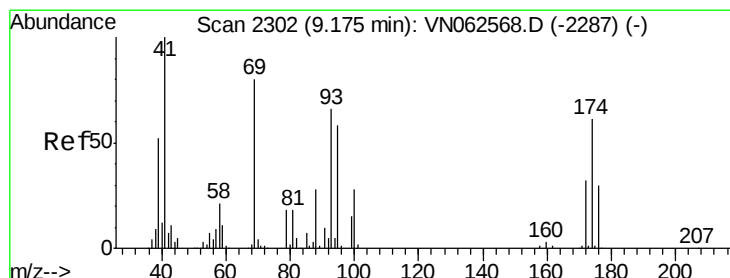
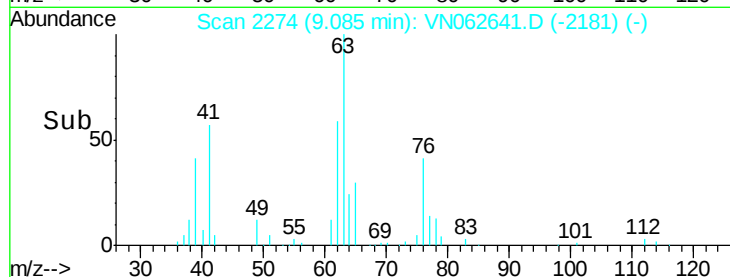
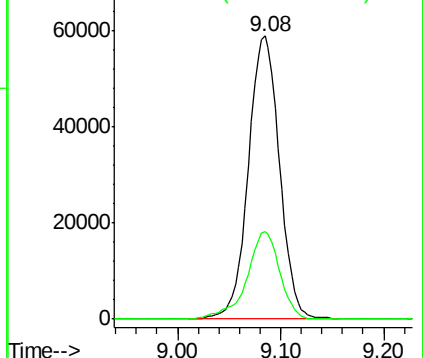
63 100

65 30.7 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VN062641.D (-2181) (-)

Ion 64.90 (64.60 to 65.60): VN062641.D (-2181) (-)



#46

Dibromomethane

Concen: 48.241 ug/l

RT: 9.17 min Scan# 2302

Delta R.T. -0.00 min

Lab File: VN062641.D

Acq: 28 Jul 2020 19:07

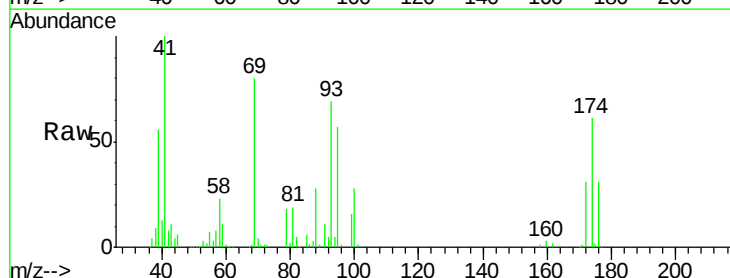
Tgt Ion: 93 Resp: 74505

Ion Ratio Lower Upper

93 100

95 81.7 67.6 101.4

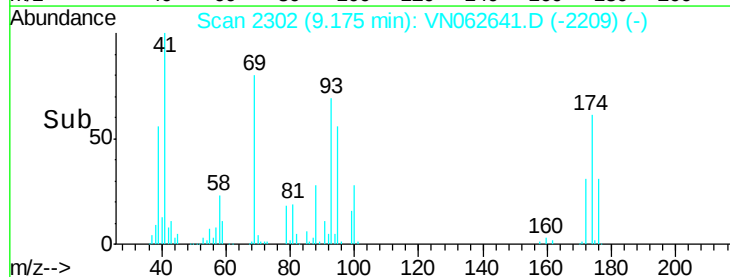
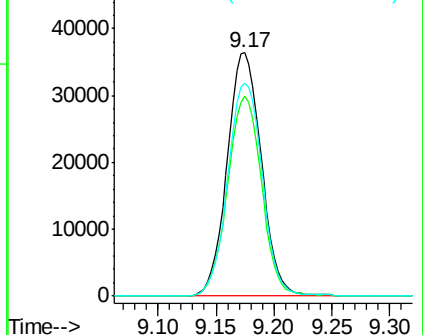
174 88.6 72.5 108.7

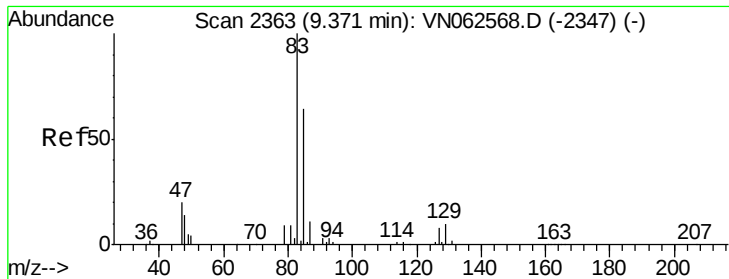


Abundance Ion 92.80 (92.50 to 93.50): VN062641.D (-2209) (-)

Ion 94.80 (94.50 to 95.50): VN062641.D (-2209) (-)

Ion 173.70 (173.40 to 174.40): VN062641.D (-2209) (-)





#47

Bromodichloromethane

Concen: 47.975 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. -0.00 min

Lab File: VN062641.D

Acq: 28 Jul 2020 19:07

Instrument :
MSVOA_N
ClientSampled :

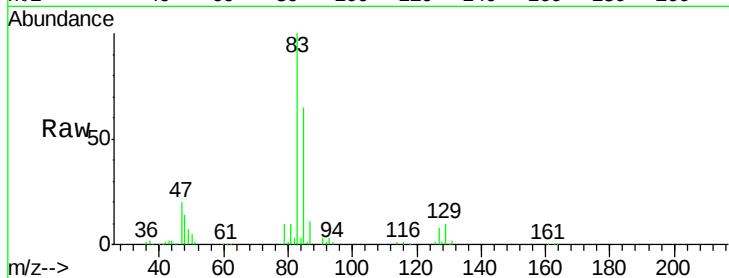
Tot Ion: 83 Resp: 160524

Ion Ratio Lower Upper

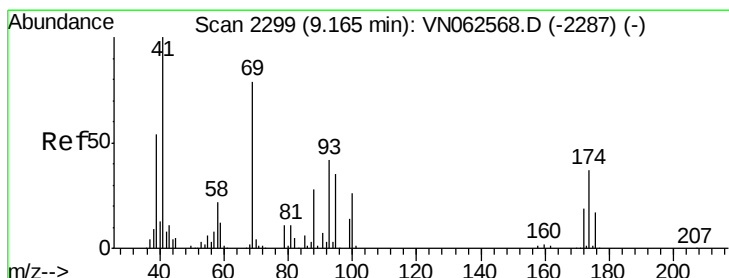
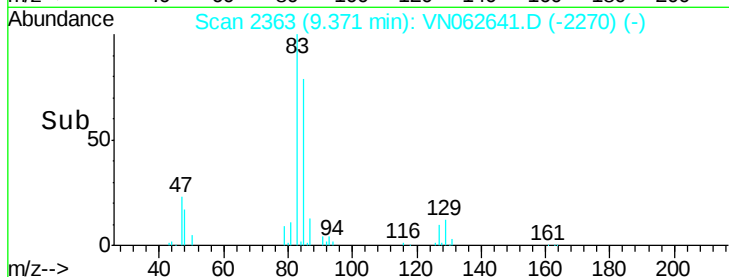
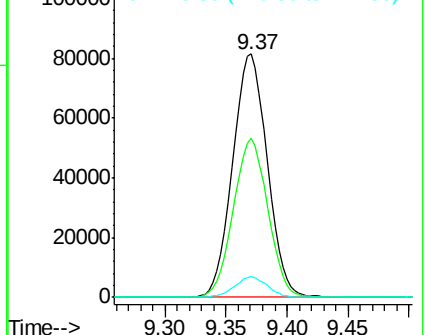
83 100

85 65.2 51.6 77.4

127 8.4 6.2 9.2



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): VN0



#48

Methyl methacrylate

Concen: 48.085 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN062641.D

Acq: 28 Jul 2020 19:07

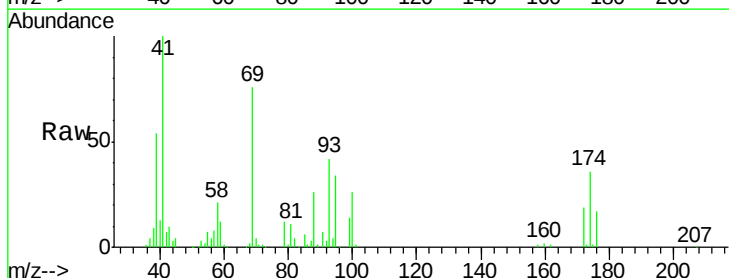
Tgt Ion: 41 Resp: 124867

Ion Ratio Lower Upper

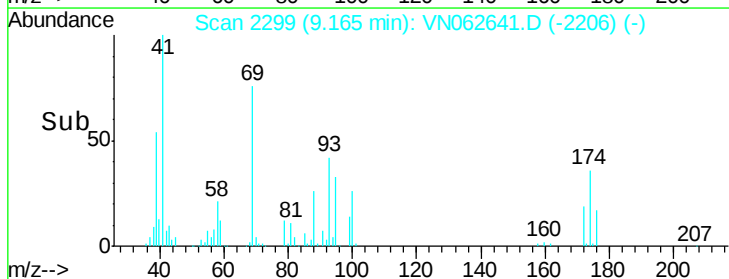
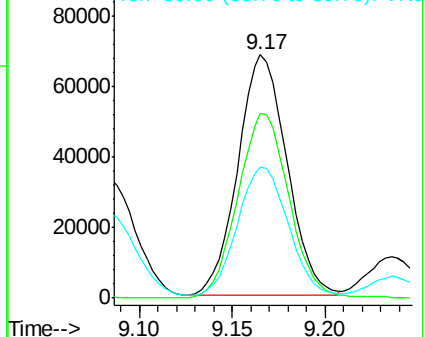
41 100

69 80.4 64.4 96.6

39 57.1 43.5 65.3



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

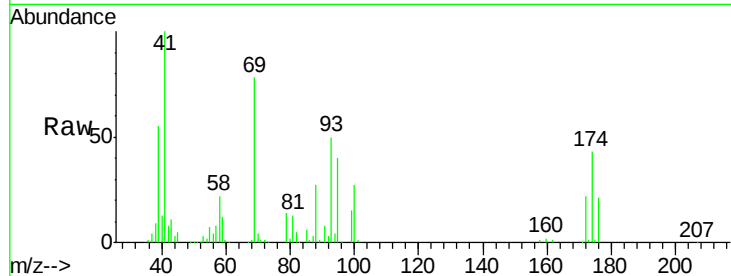




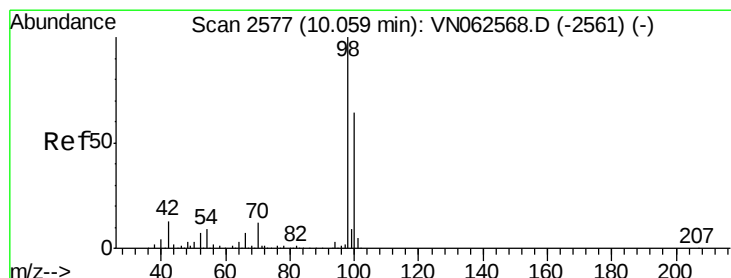
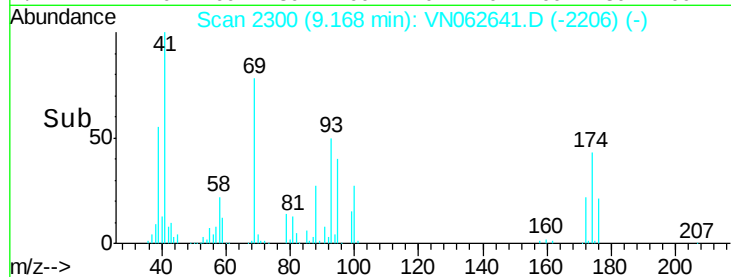
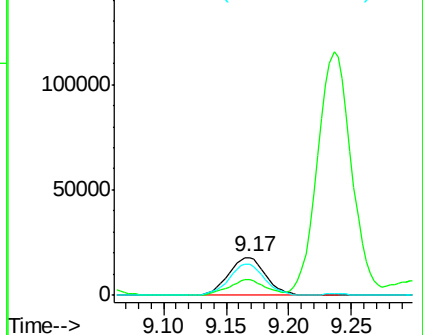
#49
1,4-Dioxane
Concen: 924.679 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. 0.00 min
Lab File: VN062641.D
Acq: 28 Jul 2020 19:07

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 88 Resp: 36880
Ion Ratio Lower Upper
88 100
43 38.2 32.0 48.0
58 78.9 62.8 94.2

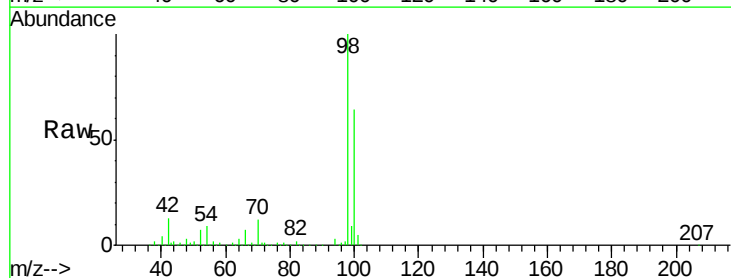


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

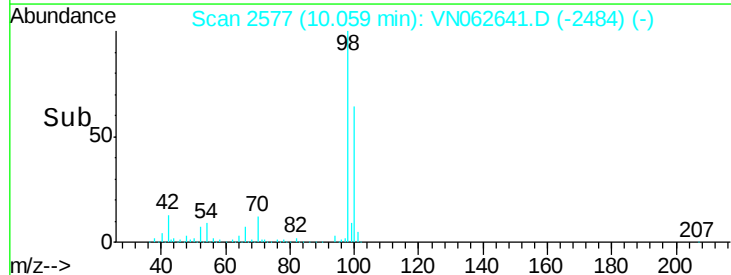
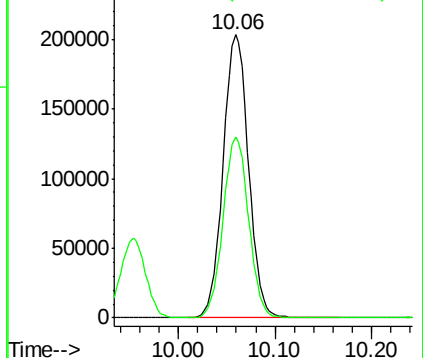


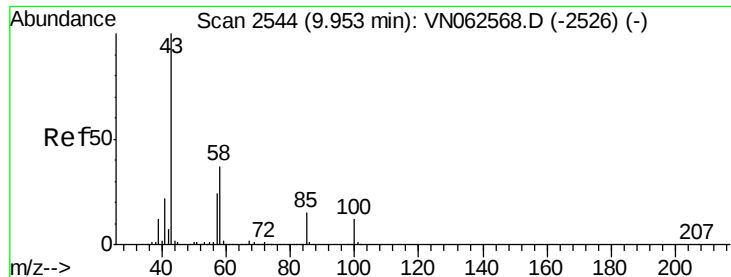
#50
Toluene-d8
Concen: 47.996 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062641.D
Acq: 28 Jul 2020 19:07

Tgt Ion: 98 Resp: 370985
Ion Ratio Lower Upper
98 100
100 64.1 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: 243.687 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062641.D

Acq: 28 Jul 2020 19:07

Instrument :

MSVOA_N

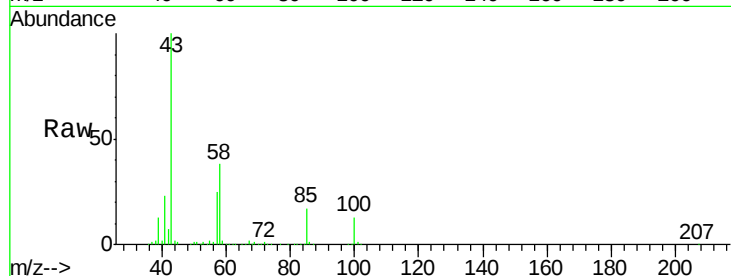
ClientSampleId :

Tot Ion: 43 Resp: 796514

Ion Ratio Lower Upper

43 100

58 37.8 29.8 44.6



Abundance Ion 43.00 (42.70 to 43.70): VN062568.D (-2526) (-)

Ion 58.00 (57.70 to 58.70): VN062568.D (-2526) (-)

9.95

400000

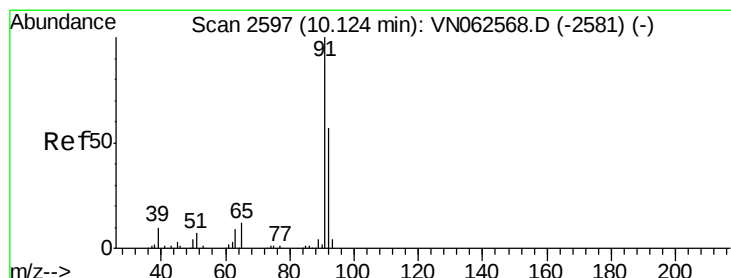
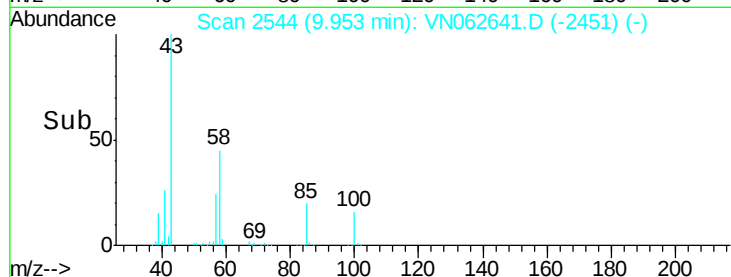
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 48.034 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062641.D

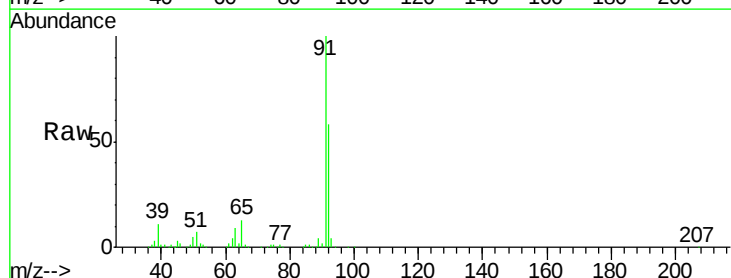
Acq: 28 Jul 2020 19:07

Tgt Ion: 92 Resp: 265455

Ion Ratio Lower Upper

92 100

91 172.7 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN062568.D (-2581) (-)

Ion 91.00 (90.70 to 91.70): VN062568.D (-2581) (-)

10.12

300000

250000

200000

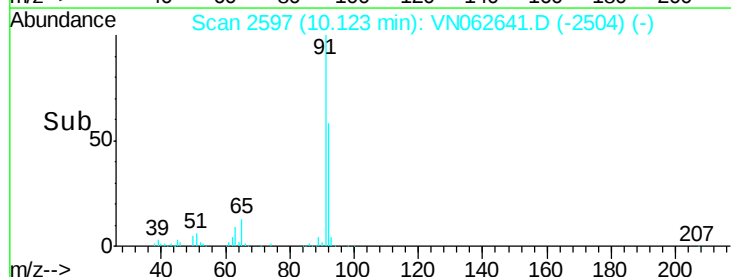
150000

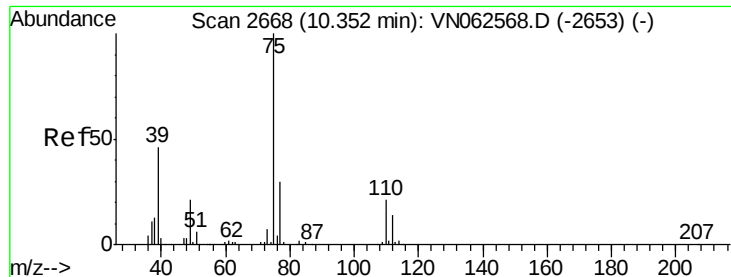
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 48.863 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN062641.D

Acq: 28 Jul 2020 19:07

Instrument :

MSVOA_N

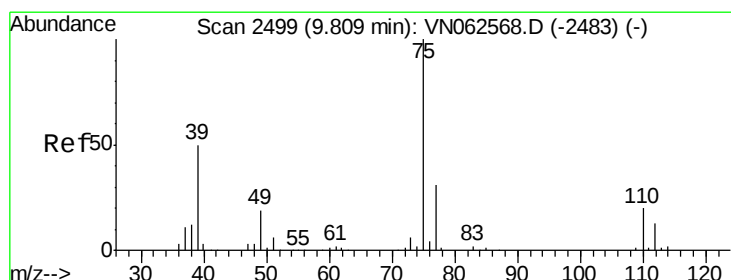
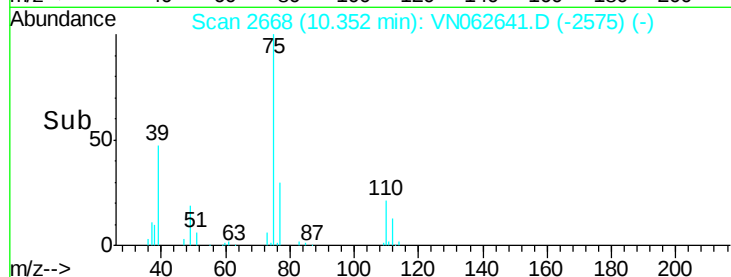
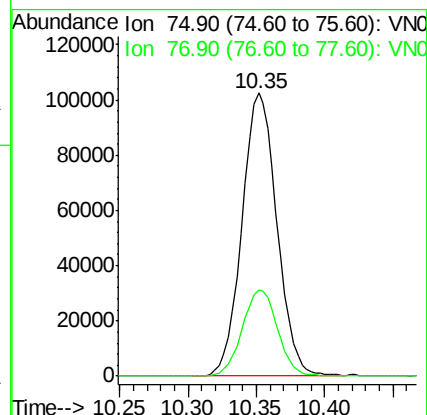
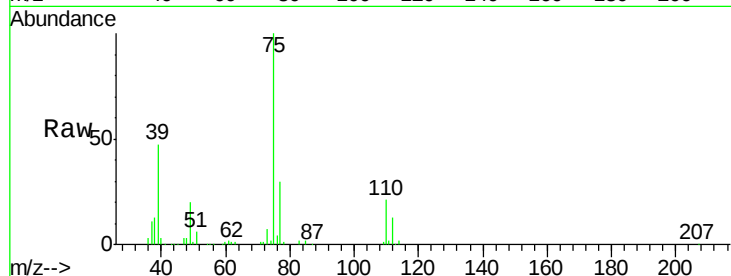
ClientSampleId :

Tot Ion: 75 Resp: 182003

Ion Ratio Lower Upper

75 100

77 30.3 24.3 36.5



#54

cis-1,3-Dichloropropene

Concen: 47.844 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN062641.D

Acq: 28 Jul 2020 19:07

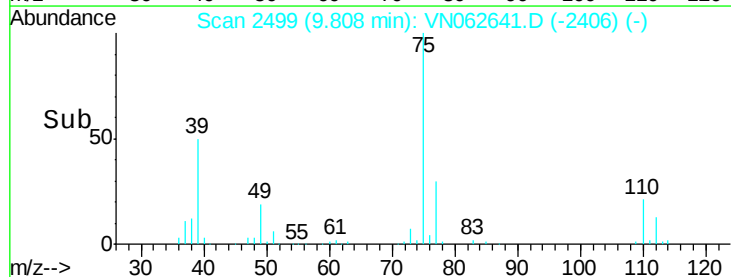
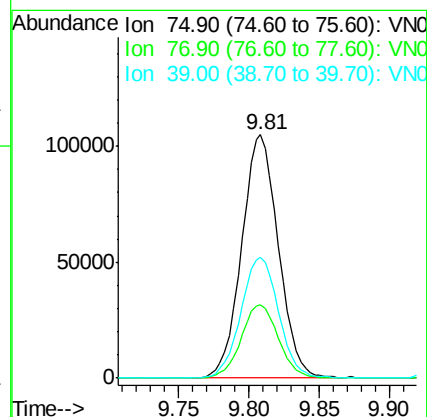
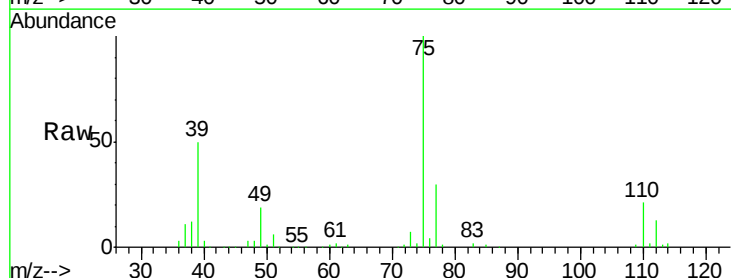
Tgt Ion: 75 Resp: 191224

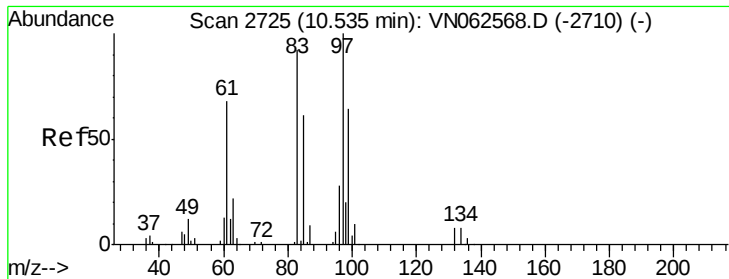
Ion Ratio Lower Upper

75 100

77 30.4 25.0 37.6

39 49.8 39.8 59.8





#55

1,1,2-Trichloroethane

Concen: 48.487 ug/l

RT: 10.53 min Scan# 2725

Delta R.T. -0.00 min

Lab File: VN062641.D

Acq: 28 Jul 2020 19:07

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 97 Resp: 103937

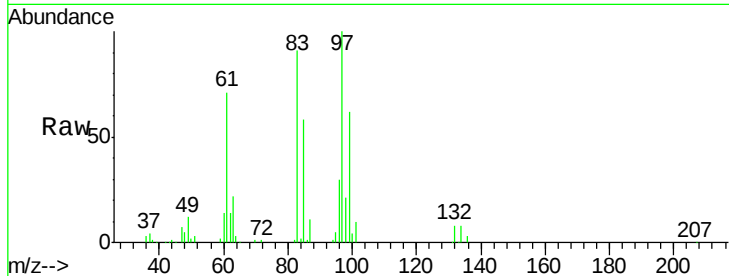
Ion	Ratio	Lower	Upper
97	100		
83	91.2	73.7	110.5
85	57.8	48.5	72.7
99	61.9	50.8	76.2

97 100

83 91.2 73.7 110.5

85 57.8 48.5 72.7

99 61.9 50.8 76.2



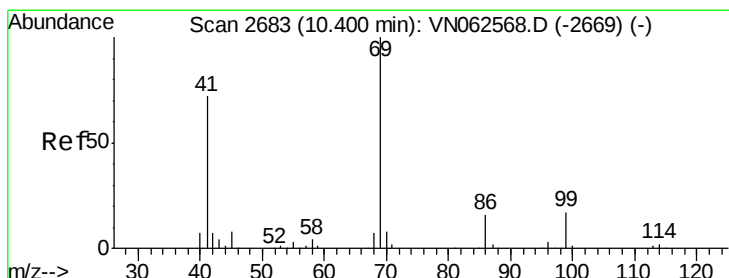
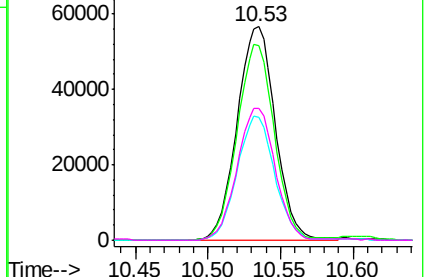
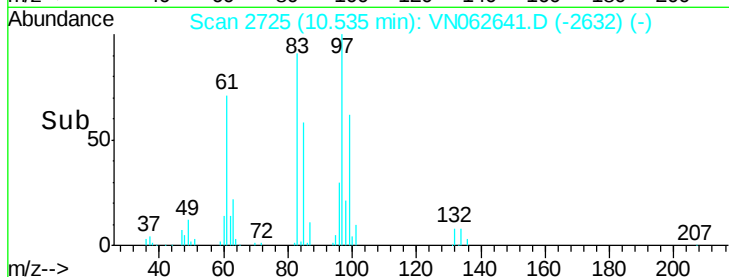
Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Time-->



#56

Ethyl methacrylate

Concen: 46.036 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. -0.00 min

Lab File: VN062641.D

Acq: 28 Jul 2020 19:07

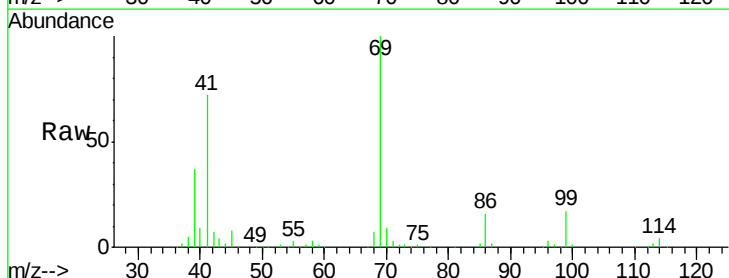
Tgt Ion: 69 Resp: 176636

Ion	Ratio	Lower	Upper
69	100		
41	69.6	57.2	85.8
39	37.0	28.6	43.0

69 100

41 69.6 57.2 85.8

39 37.0 28.6 43.0

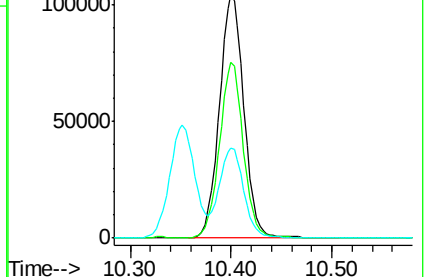
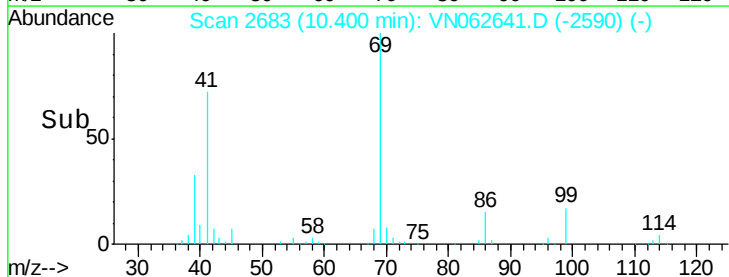


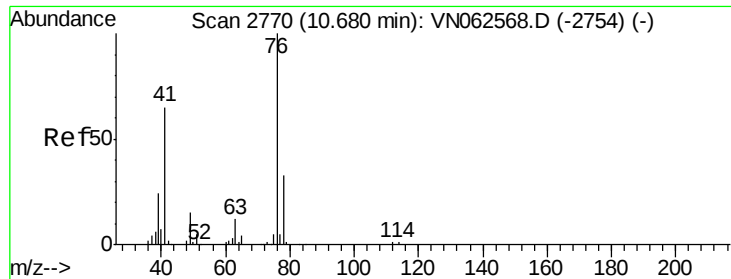
Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Time-->

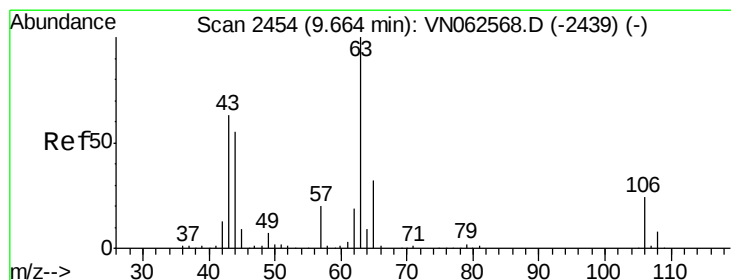
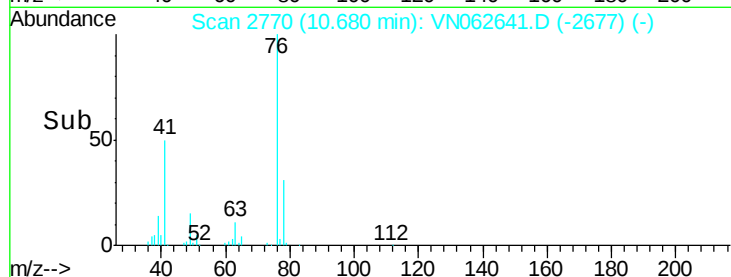
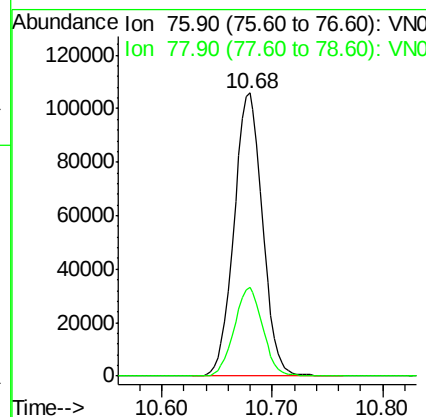
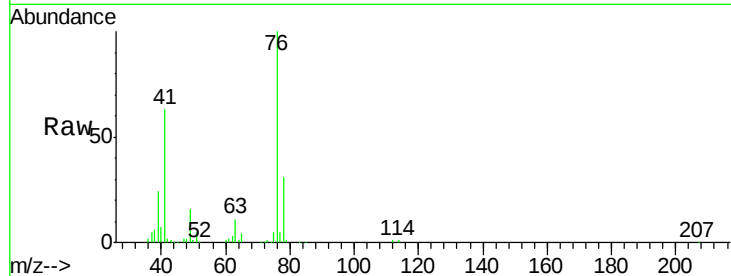




#57
 1,3-Dichloropropane
 Concen: 48.209 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. -0.00 min
 Lab File: VN062641.D
 Acq: 28 Jul 2020 19:07

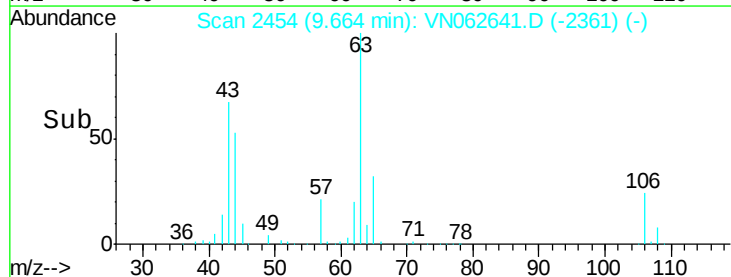
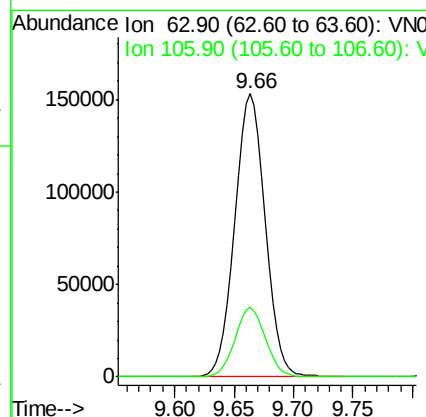
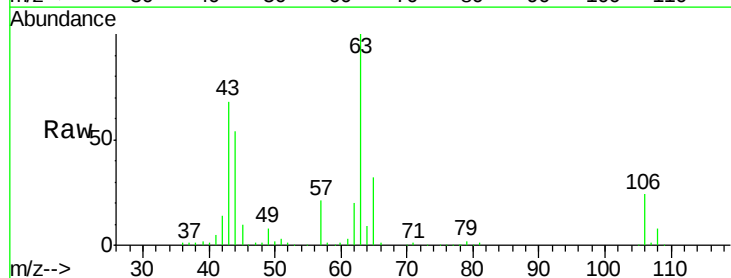
Instrument :
 MSVOA_N
 ClientSampled :

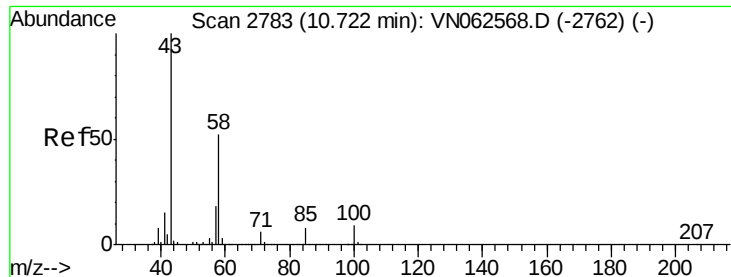
Tot Ion: 76 Resp: 189324
 Ion Ratio Lower Upper
 76 100
 78 31.5 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 235.651 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062641.D
 Acq: 28 Jul 2020 19:07

Tgt Ion: 63 Resp: 272163
 Ion Ratio Lower Upper
 63 100
 106 24.5 18.9 28.3

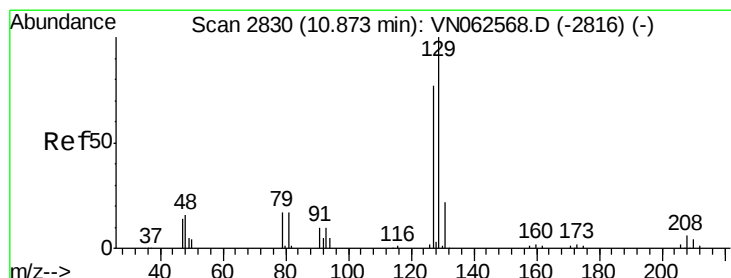
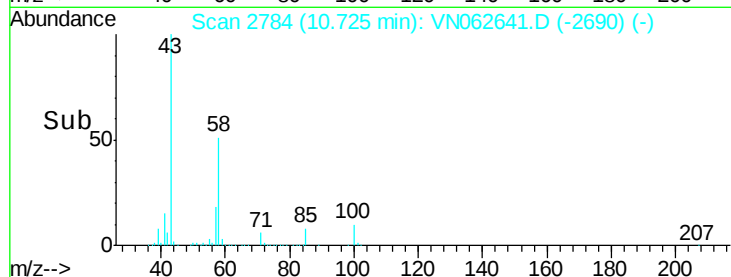
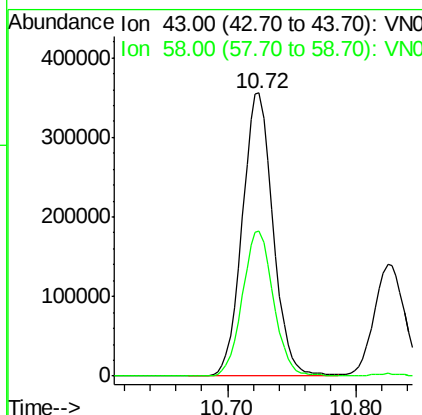
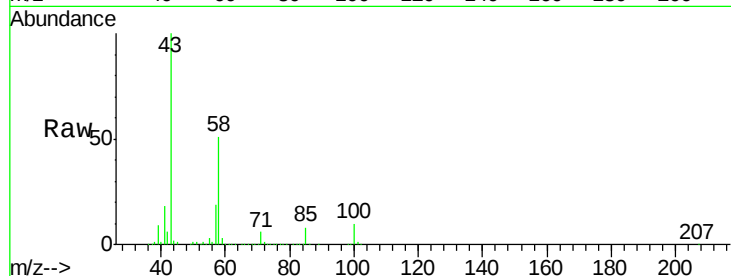




#59
2-Hexanone
Concen: 232.997 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN062641.D
Acq: 28 Jul 2020 19:07

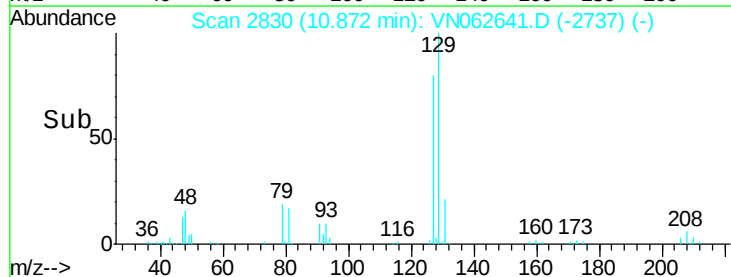
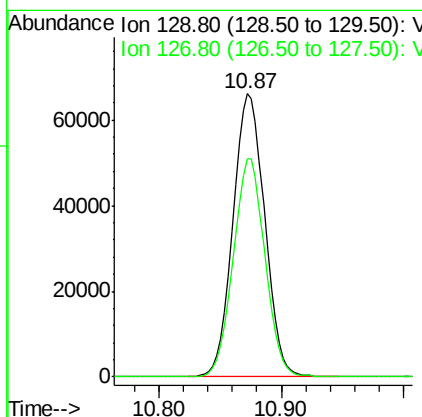
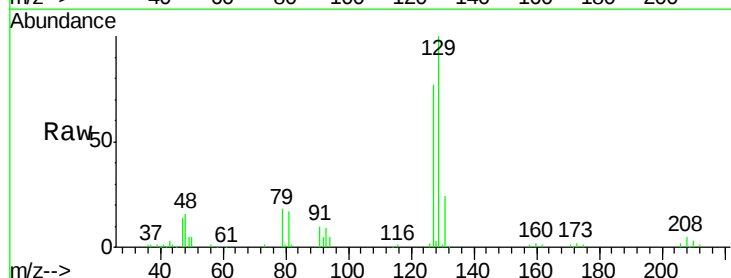
Instrument :
MSVOA_N
ClientSampled :

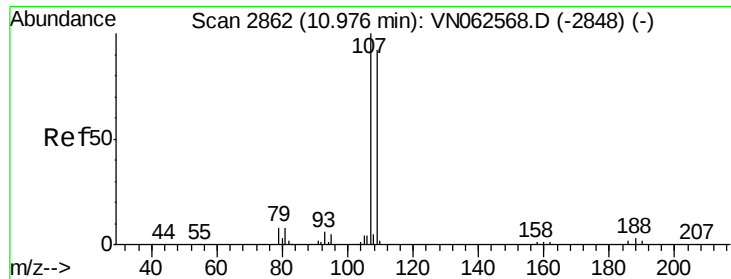
Tot Ion: 43 Resp: 588463
Ion Ratio Lower Upper
43 100
58 51.9 26.0 78.0



#60
Dibromochloromethane
Concen: 49.859 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062641.D
Acq: 28 Jul 2020 19:07

Tgt Ion: 129 Resp: 119233
Ion Ratio Lower Upper
129 100
127 76.8 38.0 113.9

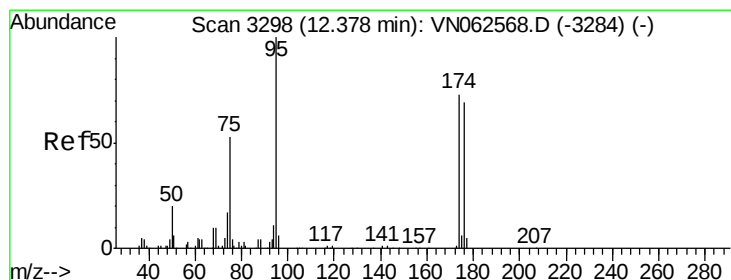
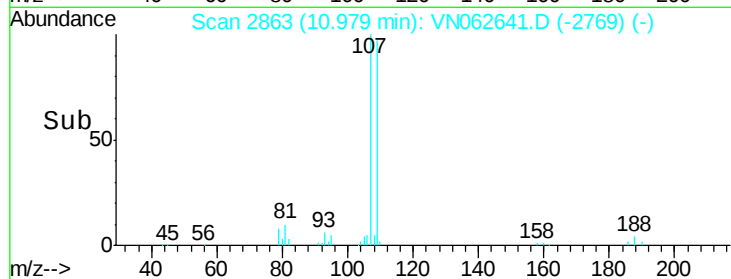
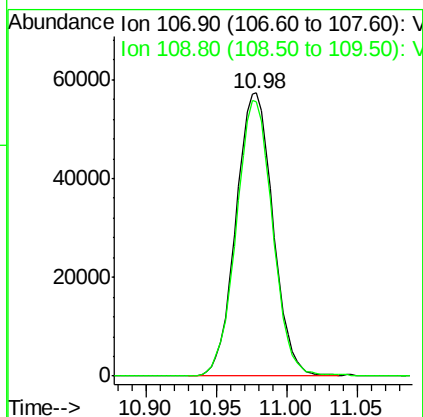
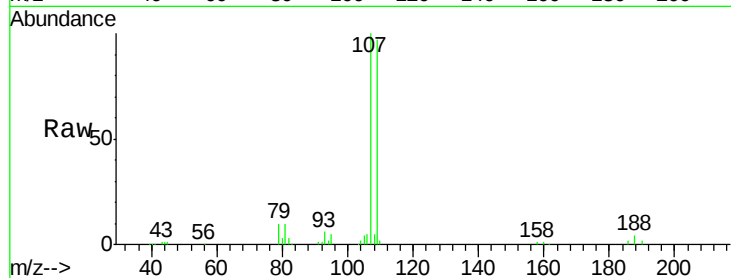




#61
 1,2-Dibromoethane
 Concen: 47.272 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN062641.D
 Acq: 28 Jul 2020 19:07

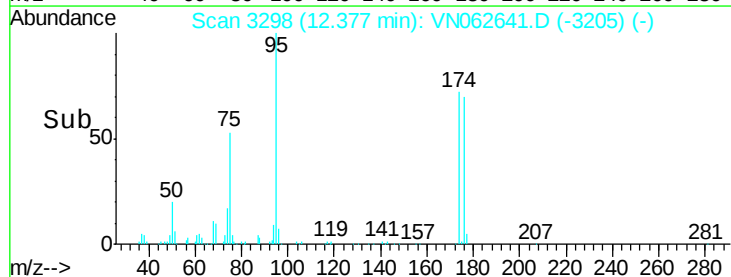
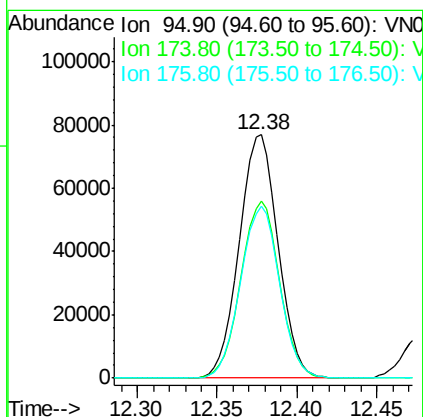
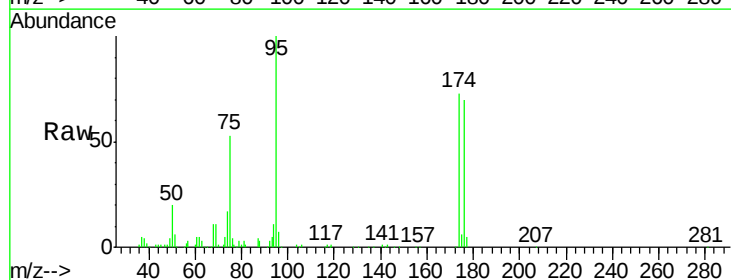
Instrument :
 MSVOA_N
 ClientSampleId :

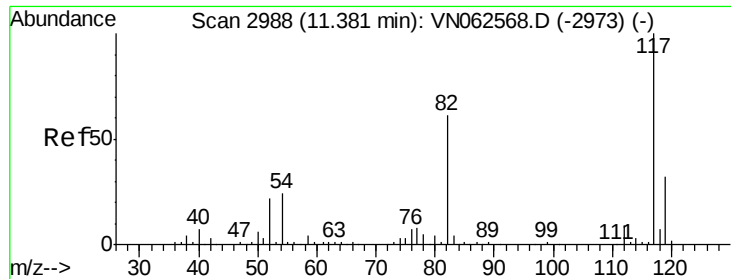
Tot Ion:107 Resp: 105518
 Ion Ratio Lower Upper
 107 100
 109 95.3 73.8 110.6



#62
 4-Bromofluorobenzene
 Concen: 45.043 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. -0.00 min
 Lab File: VN062641.D
 Acq: 28 Jul 2020 19:07

Tgt Ion: 95 Resp: 127303
 Ion Ratio Lower Upper
 95 100
 174 72.6 0.0 144.6
 176 70.9 0.0 139.4

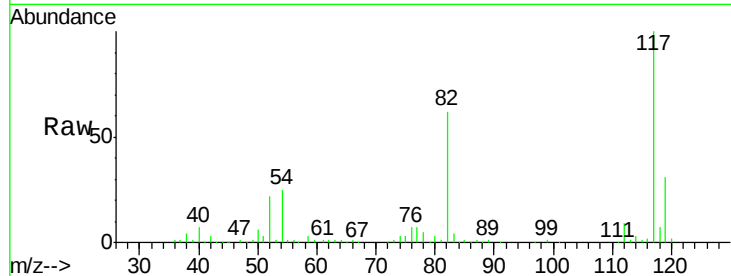




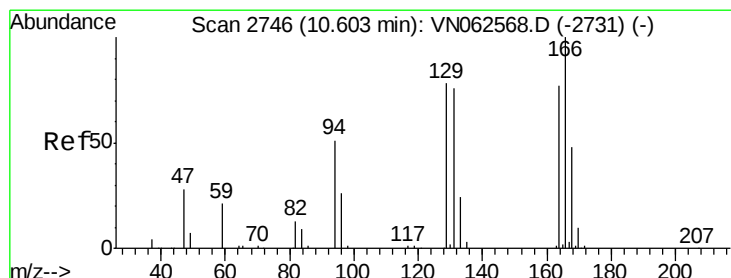
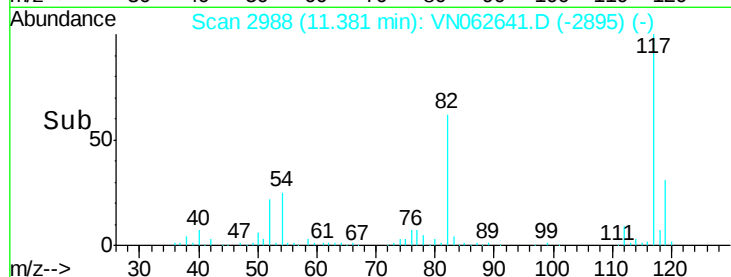
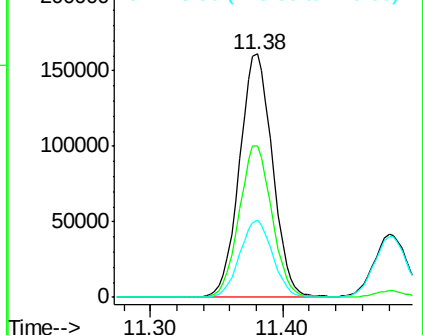
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062641.D
Acq: 28 Jul 2020 19:07

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 278982
Ion Ratio Lower Upper
117 100
82 62.5 49.0 73.6
119 31.5 25.4 38.2

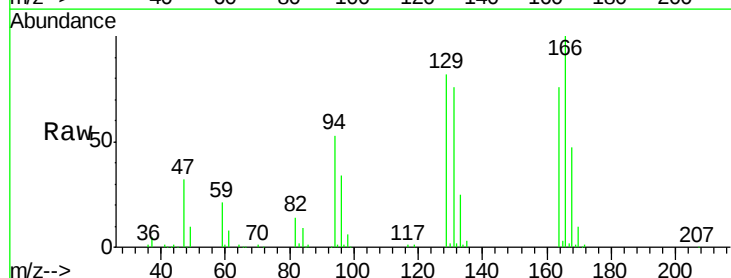


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

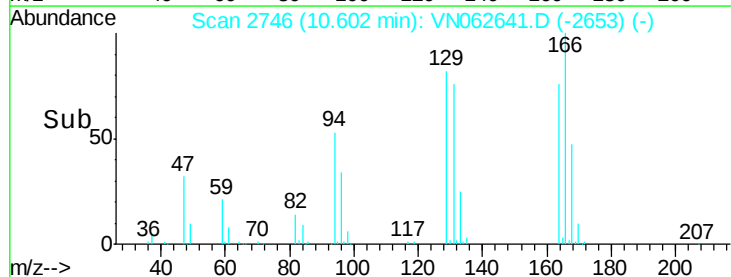
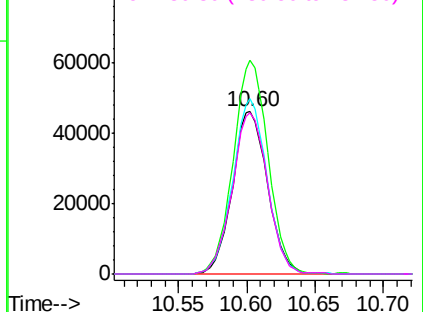


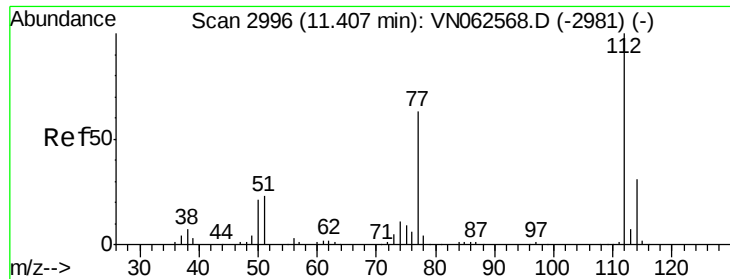
#64
Tetrachloroethene
Concen: 45.562 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062641.D
Acq: 28 Jul 2020 19:07

Tgt Ion:164 Resp: 82586
Ion Ratio Lower Upper
164 100
166 131.8 104.4 156.6
129 108.0 81.0 121.4
131 99.6 79.4 119.2



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





#65

Chlorobenzene

Concen: 46.746 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN062641.D

Acq: 28 Jul 2020 19:07

Instrument :

MSVOA_N

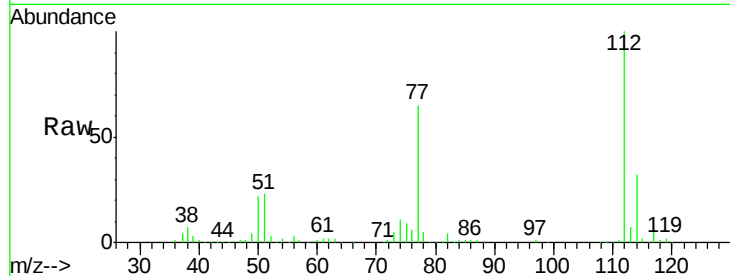
ClientSampleId :

Tot Ion:112 Resp: 273402

Ion Ratio Lower Upper

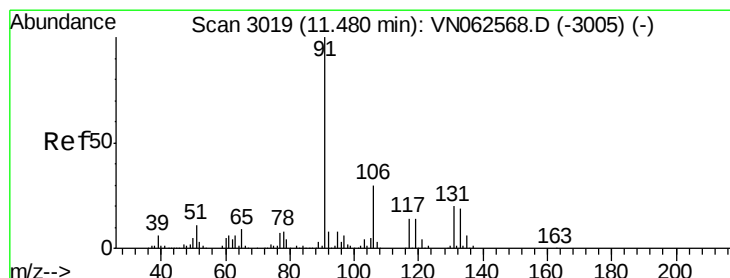
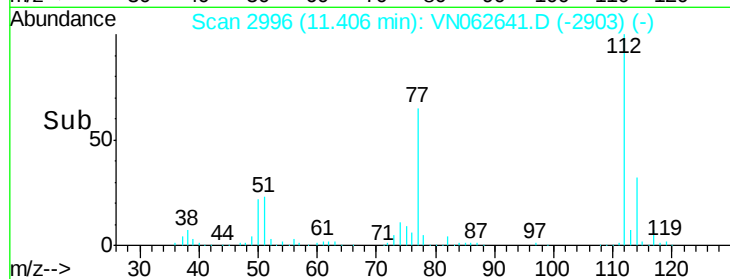
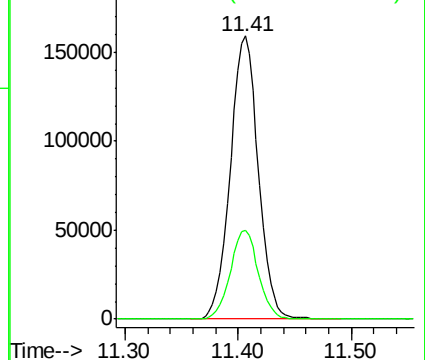
112 100

114 31.6 25.1 37.7



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 47.569 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. -0.00 min

Lab File: VN062641.D

Acq: 28 Jul 2020 19:07

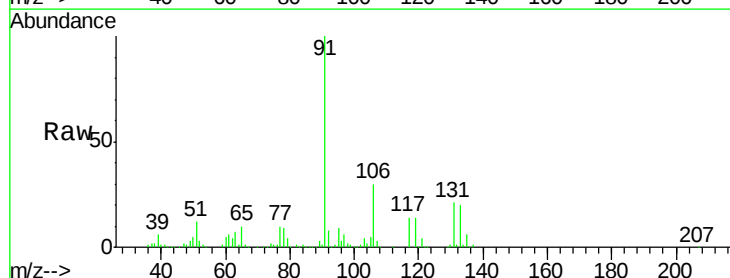
Tgt Ion:131 Resp: 104664

Ion Ratio Lower Upper

131 100

133 96.4 47.3 142.0

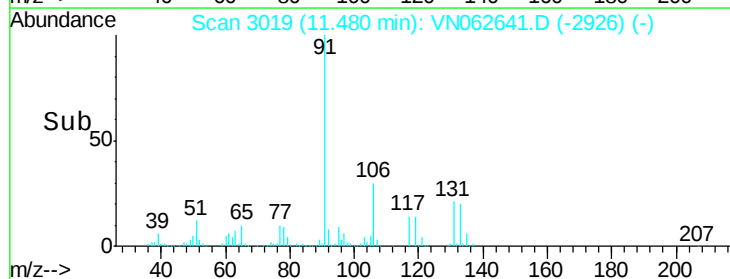
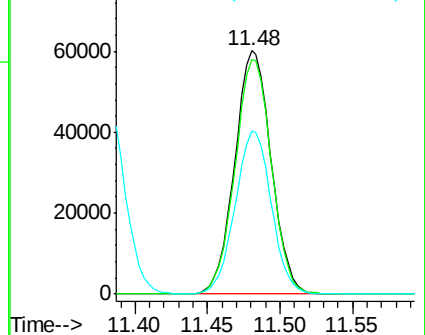
119 66.8 33.7 101.0

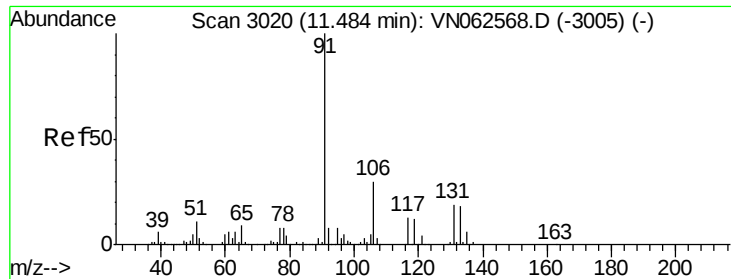


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

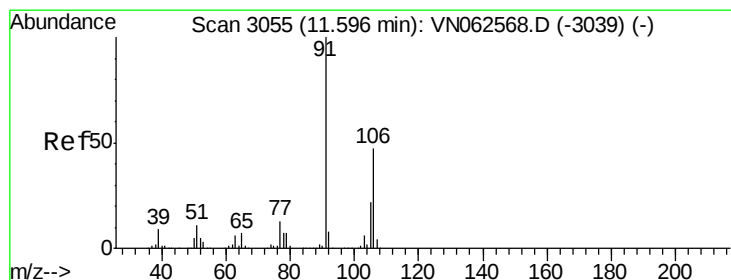
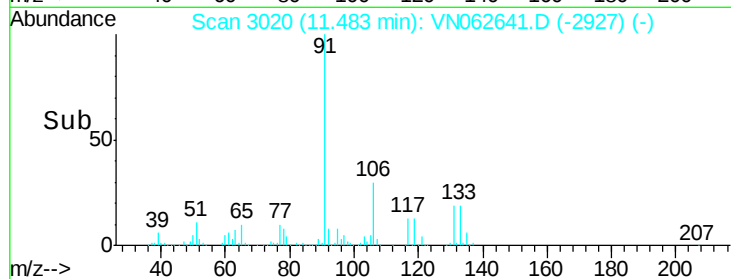
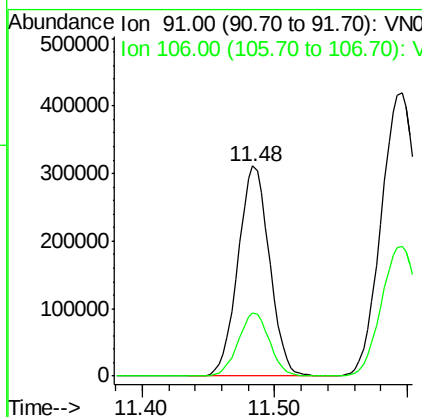
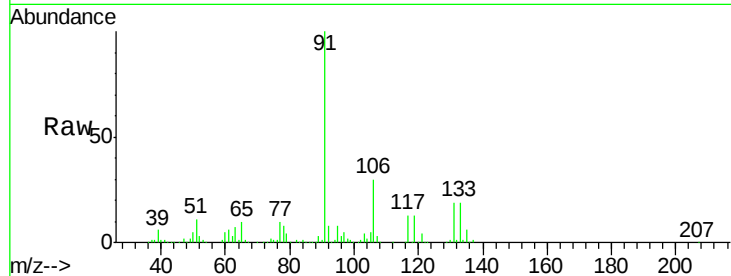




#67
Ethyl Benzene
Concen: 47.999 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062641.D
Acq: 28 Jul 2020 19:07

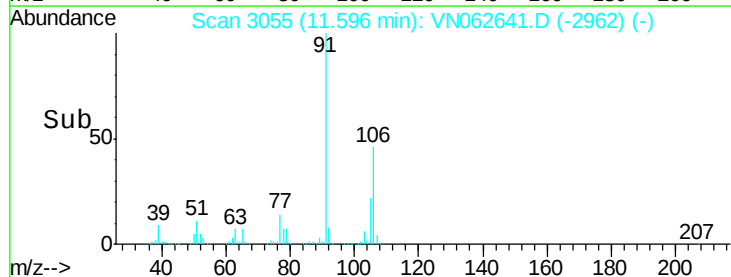
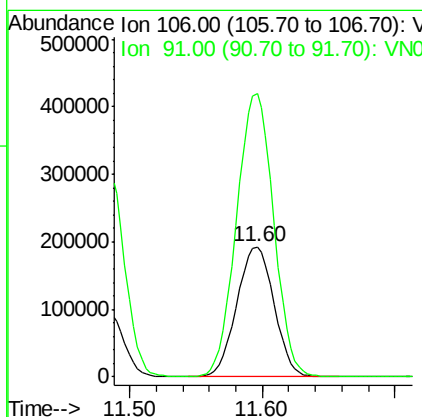
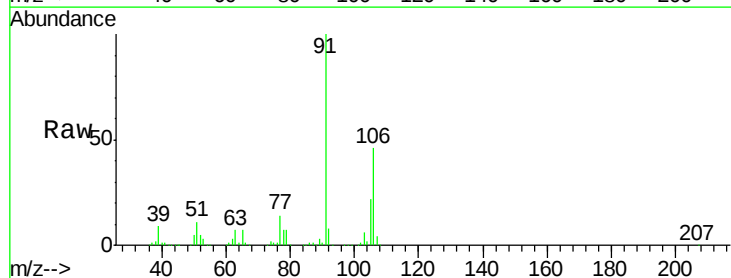
Instrument :
MSVOA_N
ClientSampled :

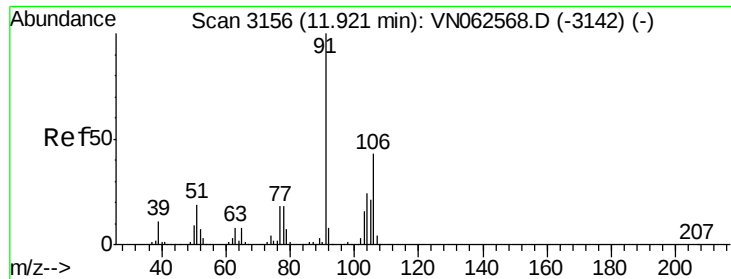
Tot Ion: 91 Resp: 514721
Ion Ratio Lower Upper
91 100
106 30.1 23.8 35.8



#68
m/p-Xylenes
Concen: 97.390 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. -0.00 min
Lab File: VN062641.D
Acq: 28 Jul 2020 19:07

Tgt Ion: 106 Resp: 375379
Ion Ratio Lower Upper
106 100
91 217.4 171.4 257.2

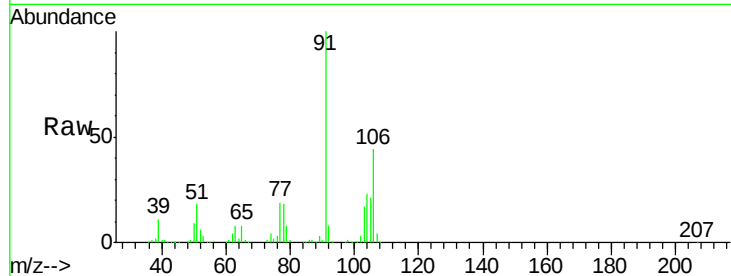




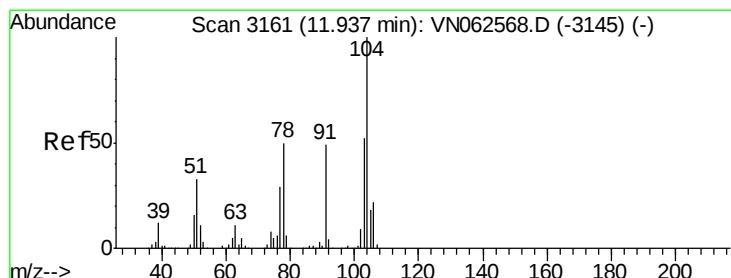
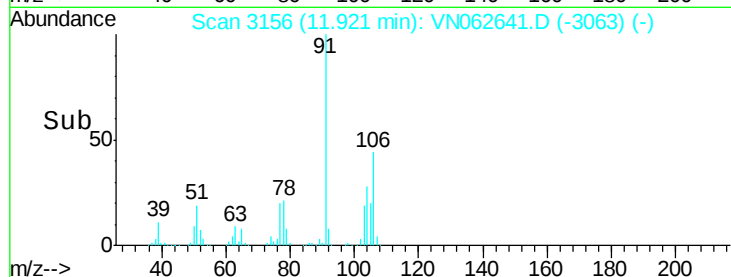
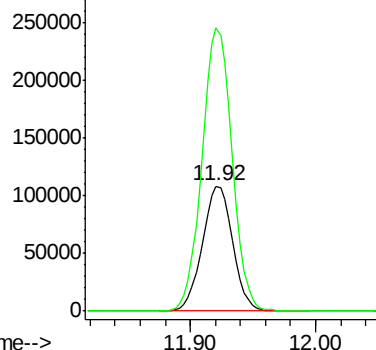
#69
o-Xylene
Concen: 49.514 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062641.D
Acq: 28 Jul 2020 19:07

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:106 Resp: 181225
Ion Ratio Lower Upper
106 100
91 225.8 113.8 341.2

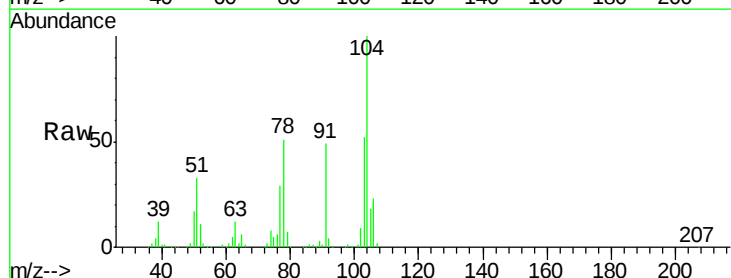


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

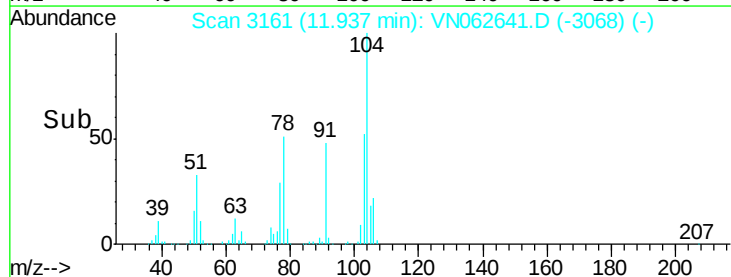
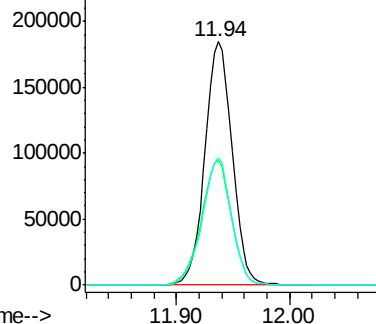


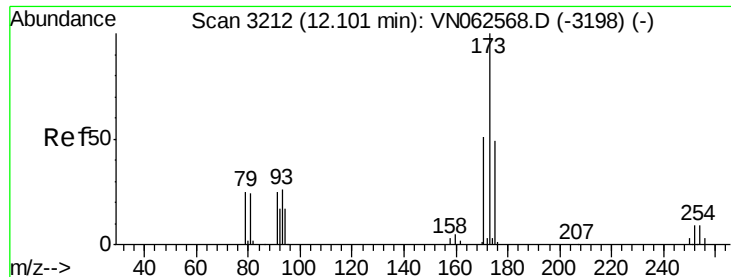
#70
Styrene
Concen: 50.198 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062641.D
Acq: 28 Jul 2020 19:07

Tgt Ion:104 Resp: 310367
Ion Ratio Lower Upper
104 100
78 56.6 43.8 65.6
103 55.8 44.0 66.0



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





#71

Bromoform

Concen: 49.770 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062641.D

Acq: 28 Jul 2020 19:07

Instrument :

MSVOA_N

ClientSampleId :

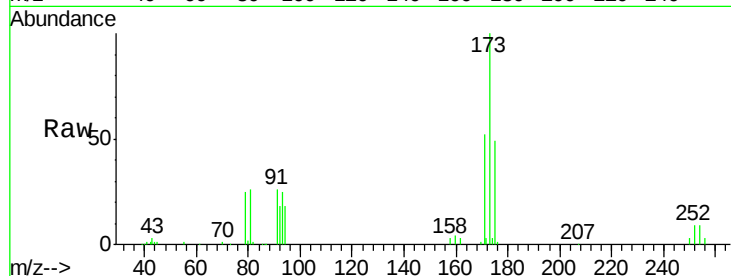
Tot Ion:173 Resp: 82221

Ion Ratio Lower Upper

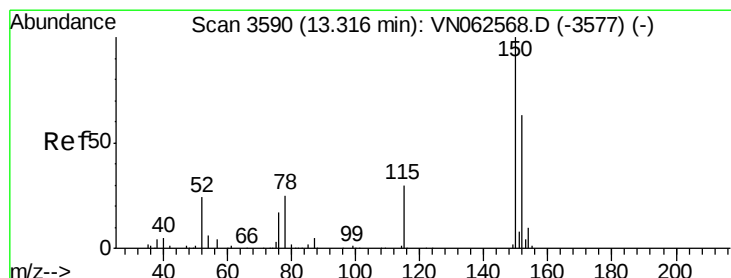
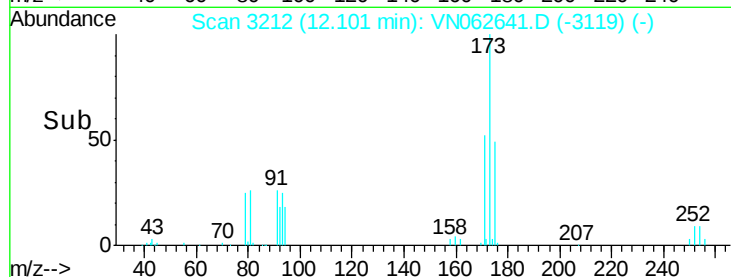
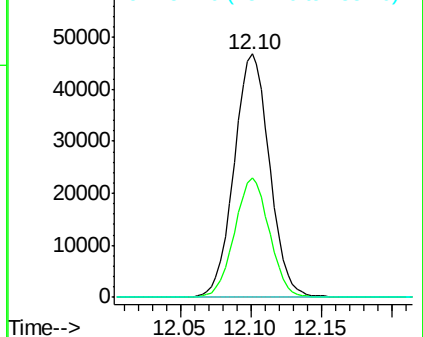
173 100

175 48.3 24.1 72.2

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# 3590

Delta R.T. -0.00 min

Lab File: VN062641.D

Acq: 28 Jul 2020 19:07

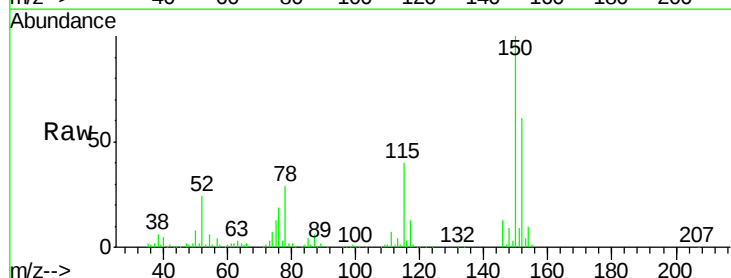
Tgt Ion:152 Resp: 121753

Ion Ratio Lower Upper

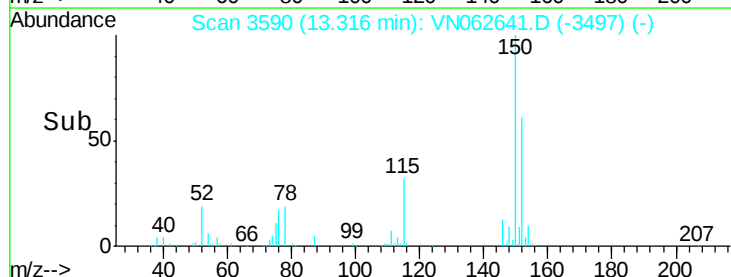
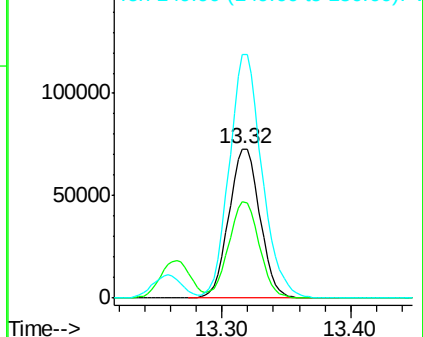
152 100

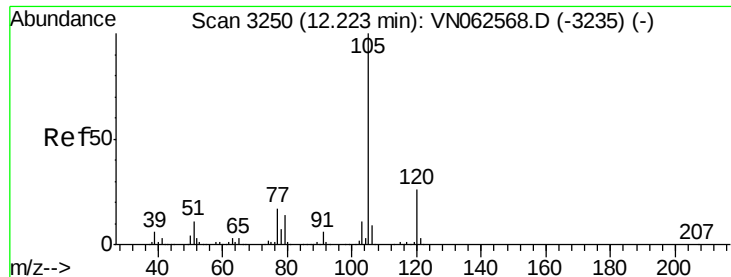
115 64.0 31.8 95.4

150 173.1 0.0 351.4



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: 50.559 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062641.D

Acq: 28 Jul 2020 19:07

Instrument :

MSVOA_N

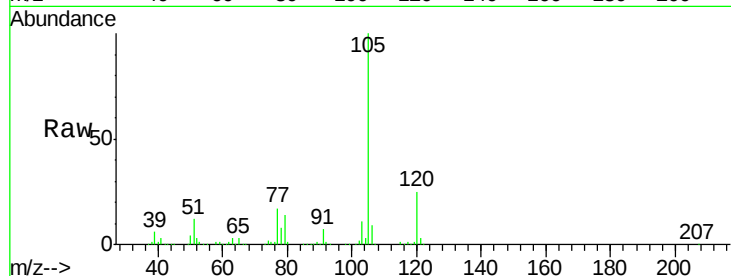
ClientSampleId :

Tot Ion:105 Resp: 486743

Ion Ratio Lower Upper

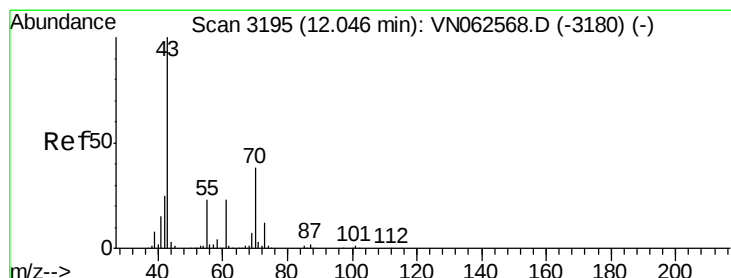
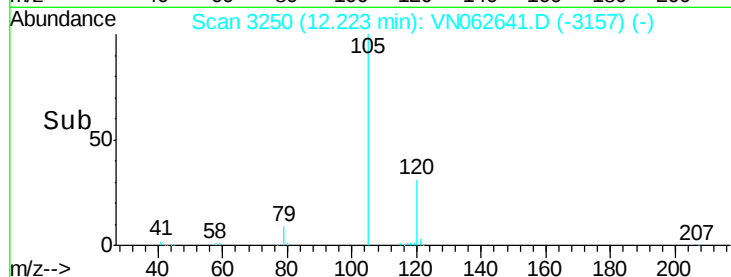
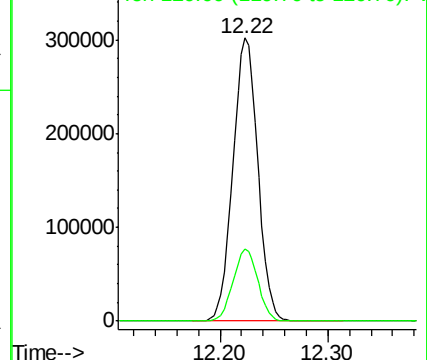
105 100

120 25.3 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 53.577 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN062641.D

Acq: 28 Jul 2020 19:07

Tgt Ion: 43 Resp: 230344

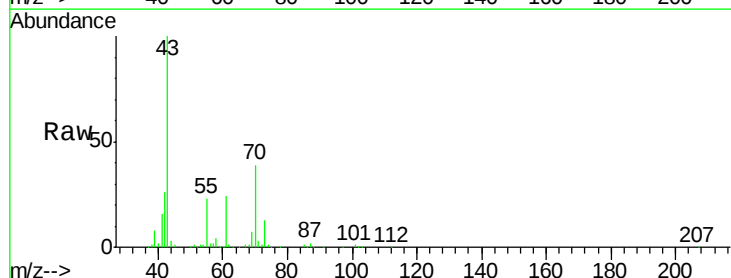
Ion Ratio Lower Upper

43 100

70 39.1 30.5 45.7

55 23.9 19.0 28.6

61 22.9 18.4 27.6

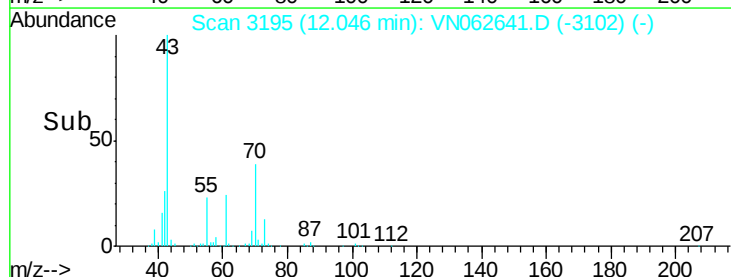
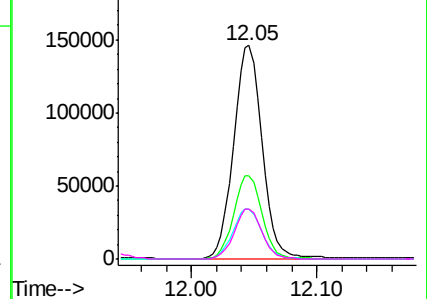


Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 41.984 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. -0.00 min

Lab File: VN062641.D

Acq: 28 Jul 2020 19:07

Instrument :

MSVOA_N

ClientSampled :

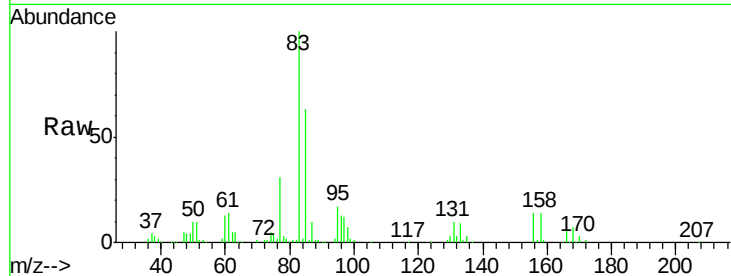
Tot Ion: 83 Resp: 140453

Ion Ratio Lower Upper

83 100

131 10.1 4.8 14.3

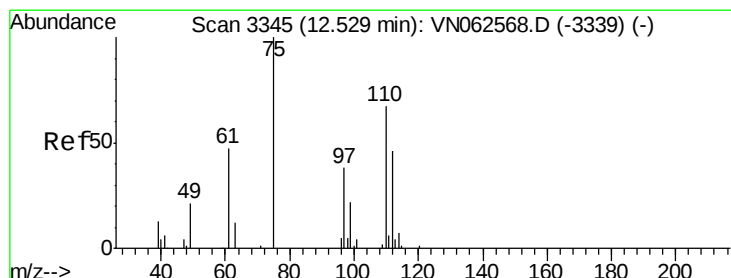
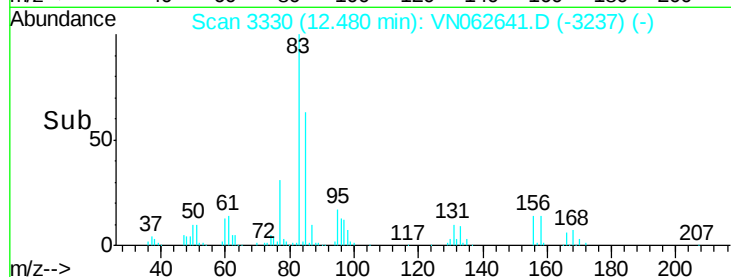
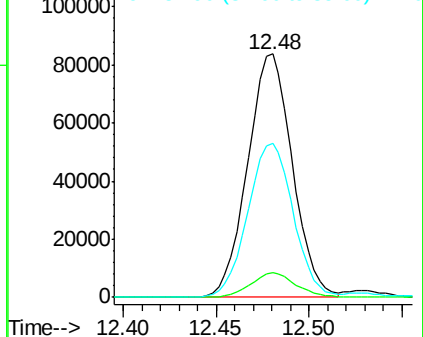
85 64.2 31.8 95.4



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 62.264 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN062641.D

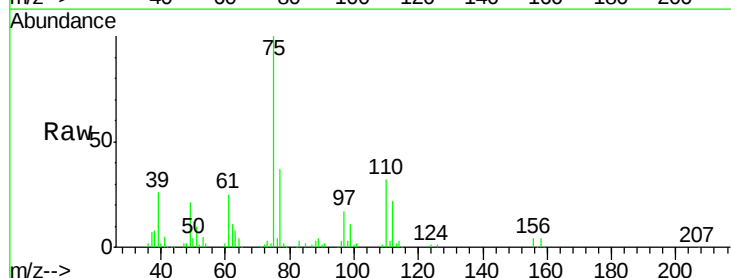
Acq: 28 Jul 2020 19:07

Tgt Ion: 75 Resp: 192960

Ion Ratio Lower Upper

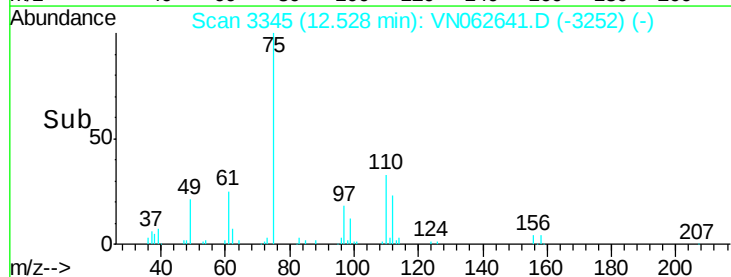
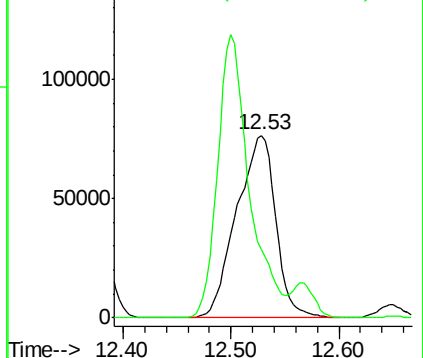
75 100

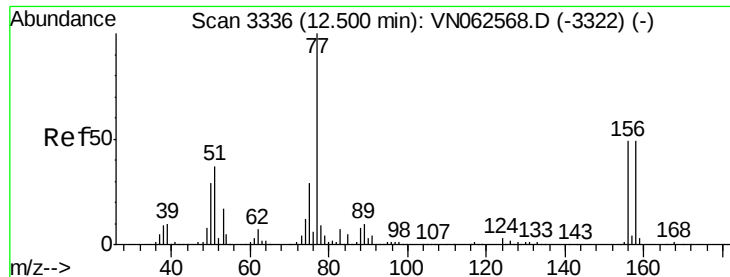
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0

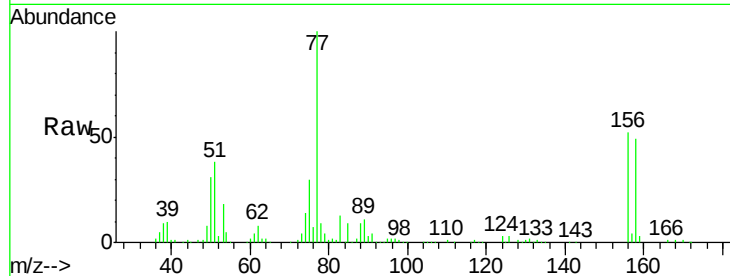




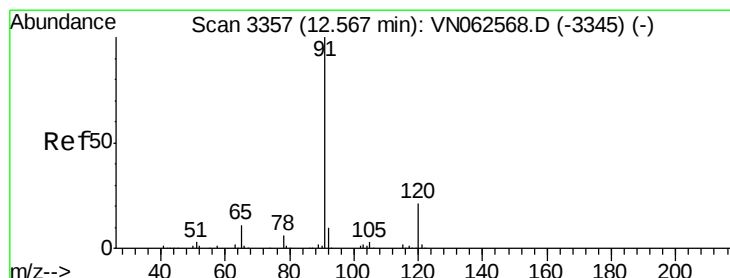
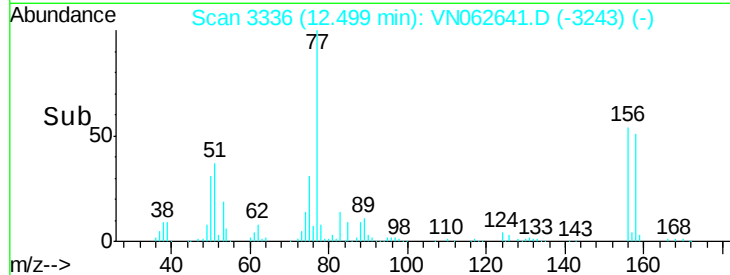
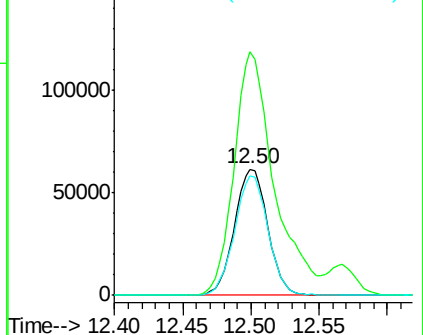
#77
Bromobenzene
Concen: 45.093 ug/l
RT: 12.50 min Scan# 3336
Delta R.T. -0.00 min
Lab File: VN062641.D
Acq: 28 Jul 2020 19:07

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:156 Resp: 104326
Ion Ratio Lower Upper
156 100
77 232.3 122.8 368.3
158 94.9 49.4 148.0

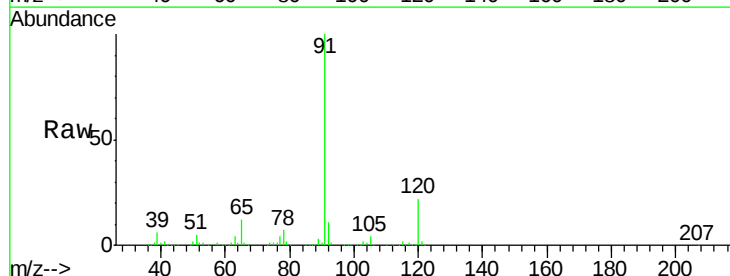


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VN0
Ion 157.80 (157.50 to 158.50): V

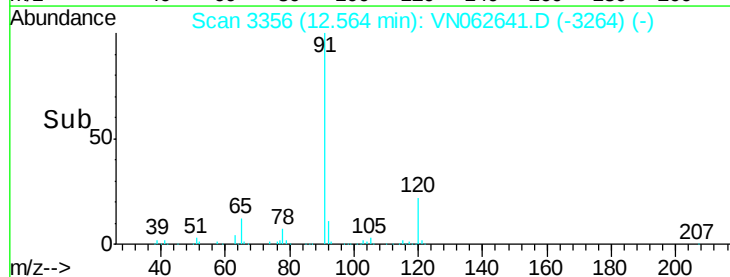
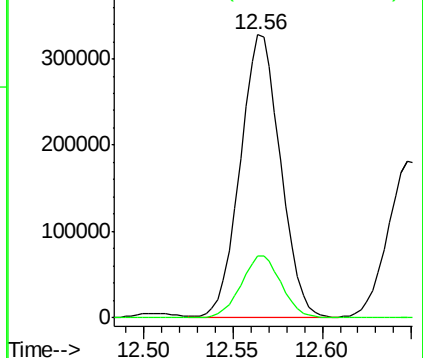


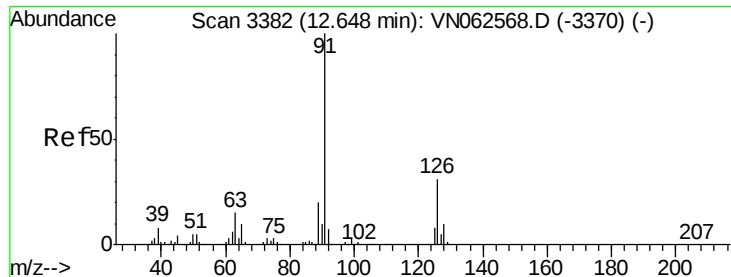
#78
n-propylbenzene
Concen: 45.581 ug/l
RT: 12.56 min Scan# 3356
Delta R.T. -0.00 min
Lab File: VN062641.D
Acq: 28 Jul 2020 19:07

Tgt Ion: 91 Resp: 514016
Ion Ratio Lower Upper
91 100
120 21.9 10.9 32.6



Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 120.00 (119.70 to 120.70): V

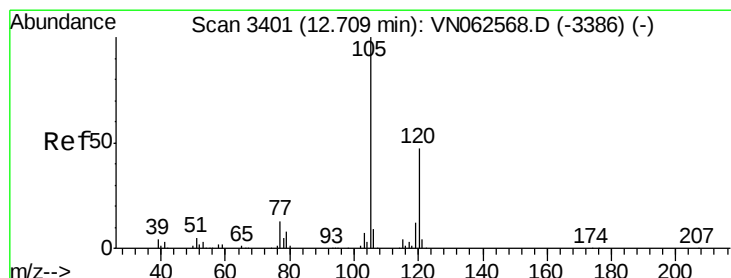
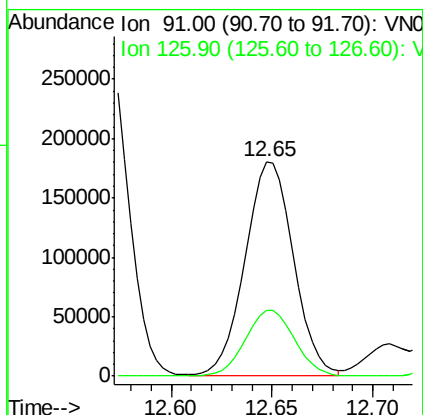
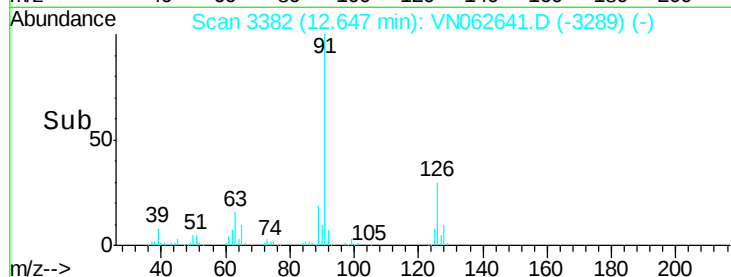
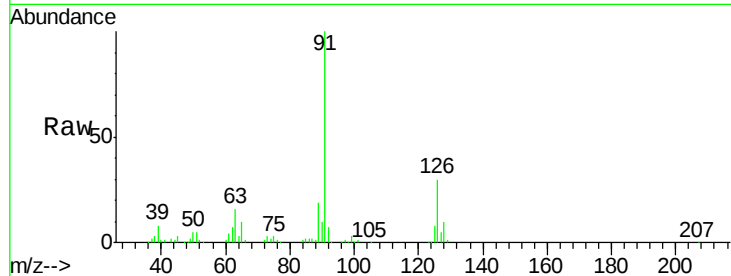




#79
 2-Chlorotoluene
 Concen: 43.308 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. -0.00 min
 Lab File: VN062641.D
 Acq: 28 Jul 2020 19:07

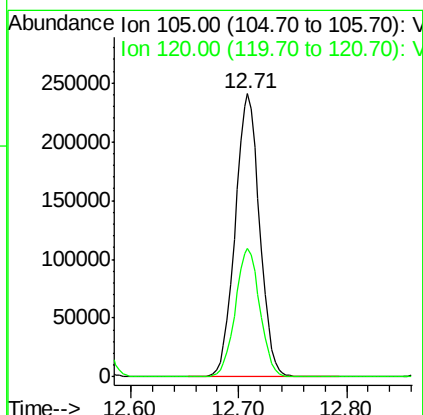
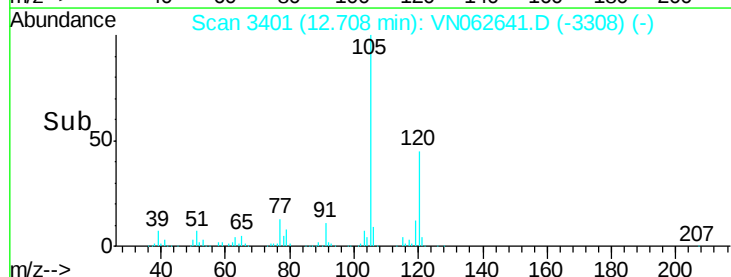
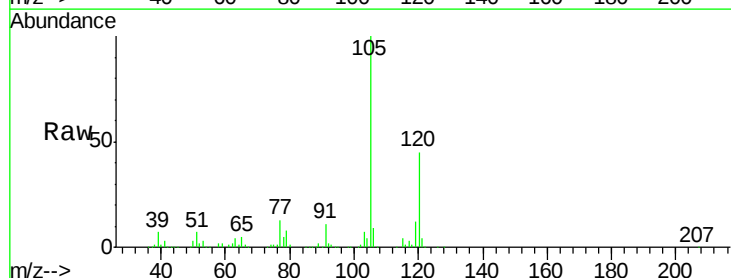
Instrument :
 MSVOA_N
 ClientSampled :

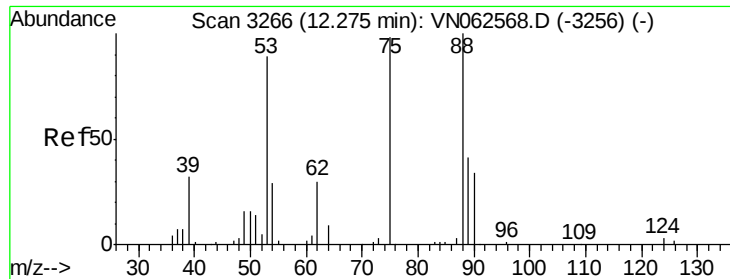
Tot Ion: 91 Resp: 300981
 Ion Ratio Lower Upper
 91 100
 126 31.4 15.9 47.6



#80
 1,3,5-Trimethylbenzene
 Concen: 47.642 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN062641.D
 Acq: 28 Jul 2020 19:07

Tgt Ion: 105 Resp: 380451
 Ion Ratio Lower Upper
 105 100
 120 45.7 23.2 69.6





#81

trans-1,4-Dichloro-2-butene

Concen: 44.384 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062641.D

Acq: 28 Jul 2020 19:07

Instrument :

MSVOA_N

ClientSampled :

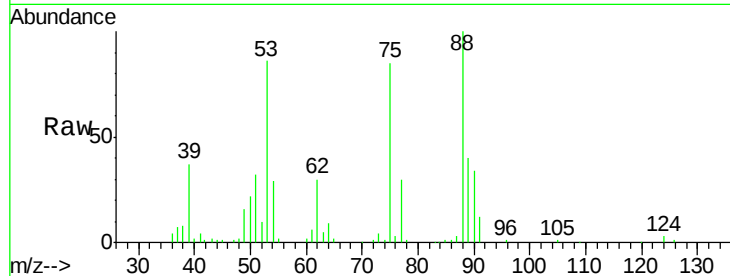
Tot Ion: 75 Resp: 49411

Ion Ratio Lower Upper

75 100

53 99.3 75.4 113.0

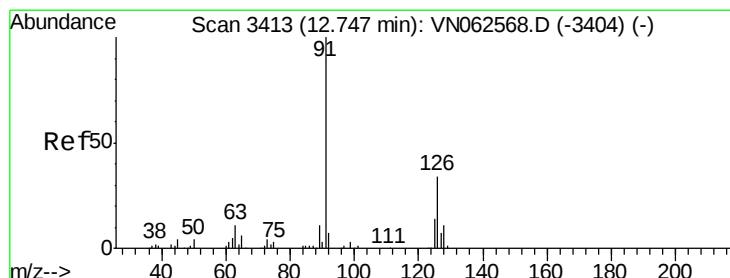
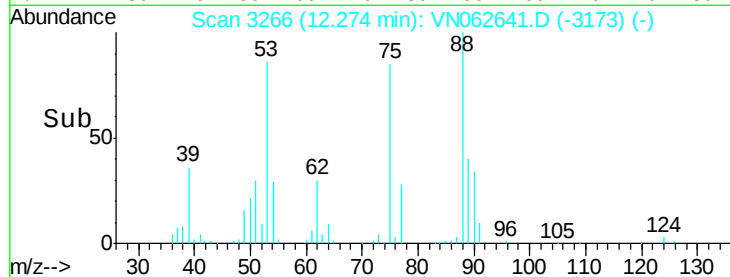
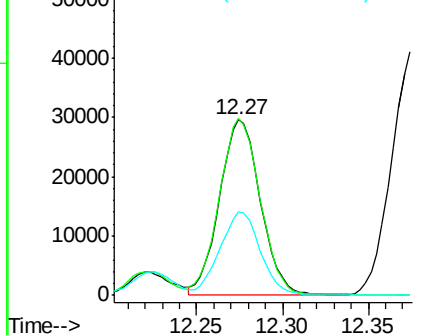
89 47.0 34.5 51.7



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 44.647 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. -0.00 min

Lab File: VN062641.D

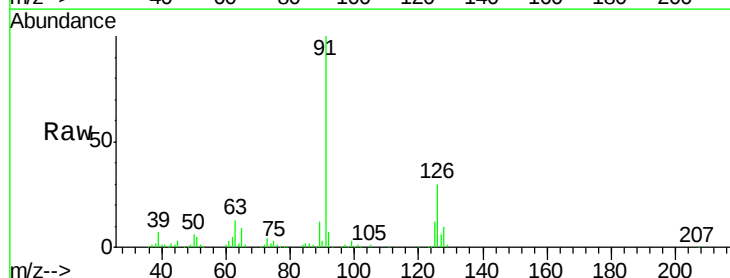
Acq: 28 Jul 2020 19:07

Tgt Ion: 91 Resp: 322969

Ion Ratio Lower Upper

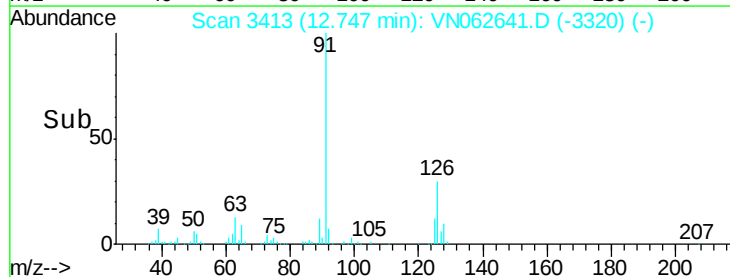
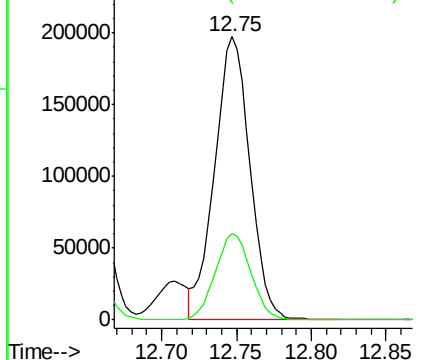
91 100

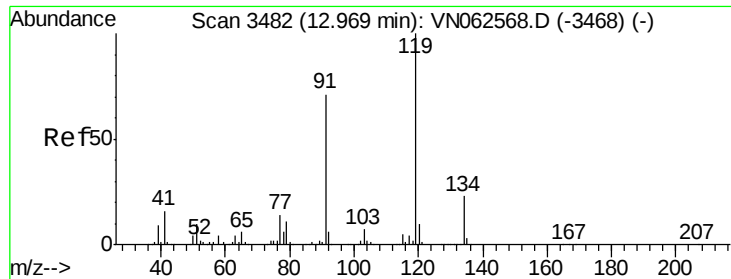
126 31.0 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

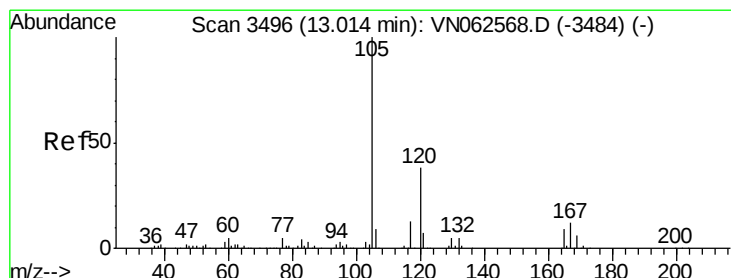
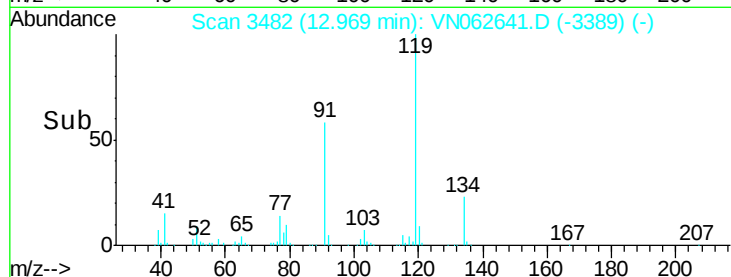
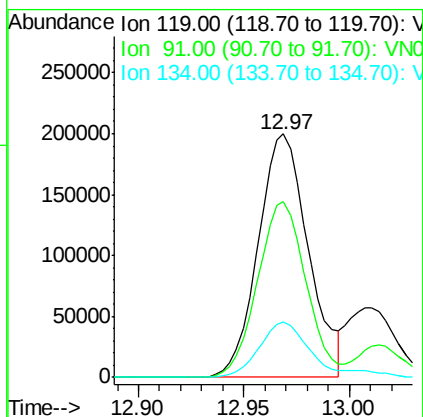
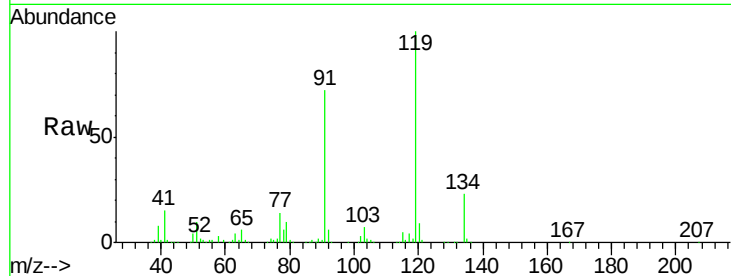




#83
 tert-Butylbenzene
 Concen: 49.773 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062641.D
 Acq: 28 Jul 2020 19:07

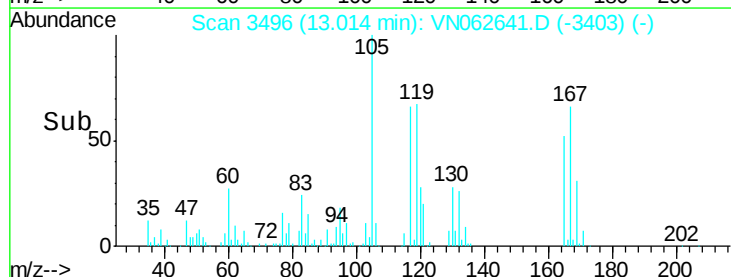
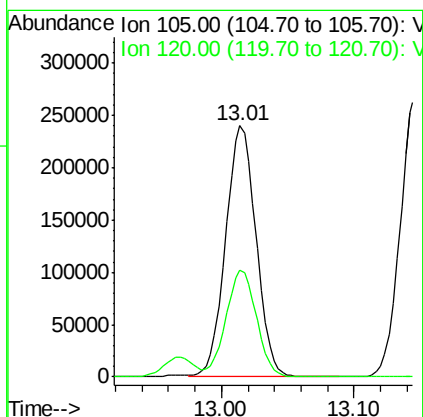
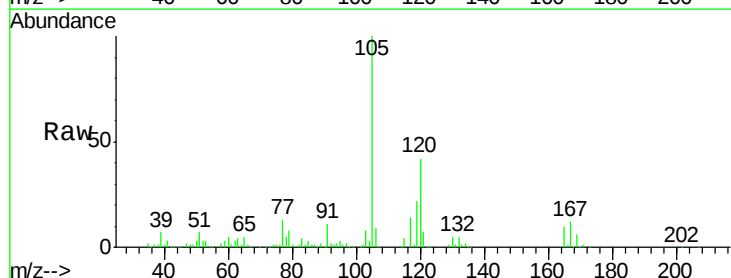
Instrument :
 MSVOA_N
 ClientSampled :

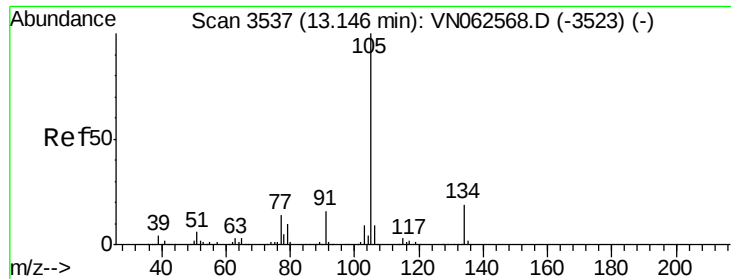
Tot Ion:119 Resp: 330046
 Ion Ratio Lower Upper
 119 100
 91 70.1 34.6 103.8
 134 22.2 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 48.708 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062641.D
 Acq: 28 Jul 2020 19:07

Tgt Ion:105 Resp: 381574
 Ion Ratio Lower Upper
 105 100
 120 42.9 22.1 66.3





#85

sec-Butylbenzene

Concen: 48.710 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062641.D

Acq: 28 Jul 2020 19:07

Instrument :

MSVOA_N

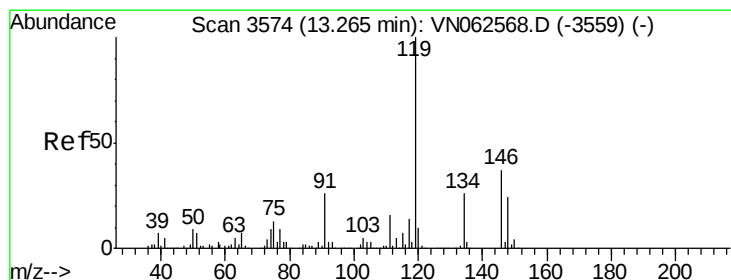
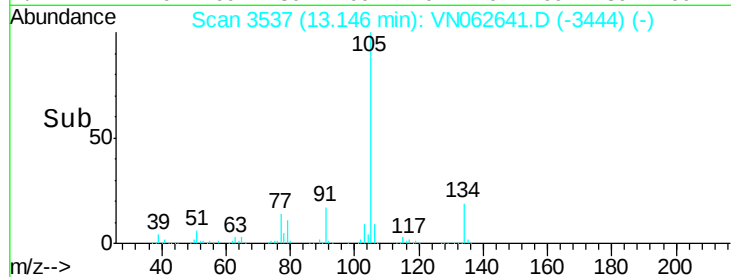
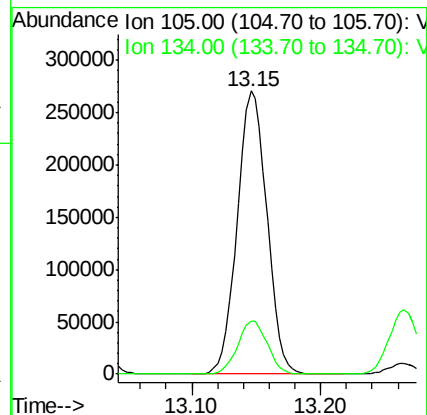
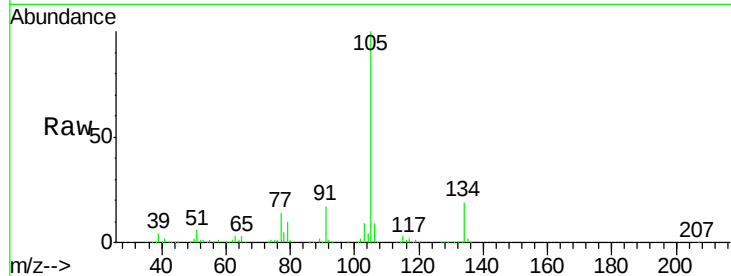
ClientSampled :

Tot Ion:105 Resp: 432427

Ion Ratio Lower Upper

105 100

134 18.7 9.5 28.5



#86

p-Isopropyltoluene

Concen: 51.235 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062641.D

Acq: 28 Jul 2020 19:07

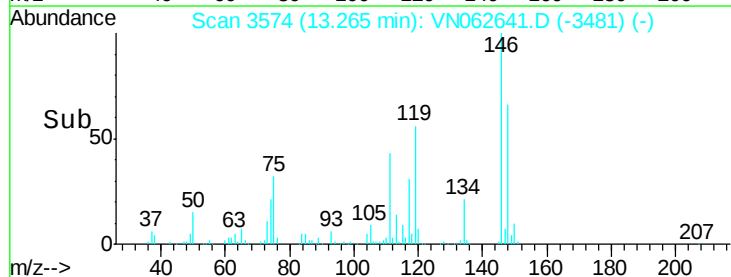
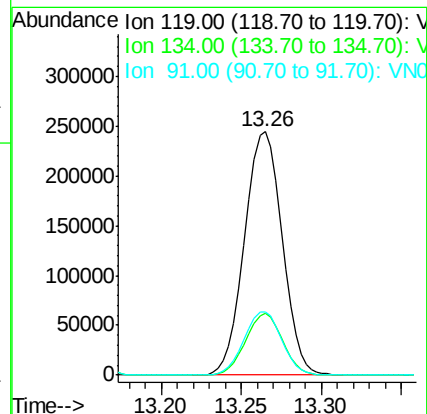
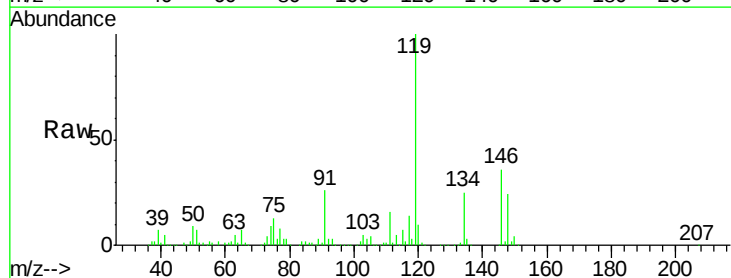
Tgt Ion:119 Resp: 391198

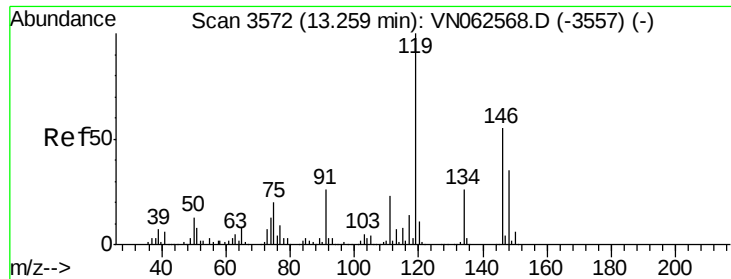
Ion Ratio Lower Upper

119 100

134 24.8 12.8 38.4

91 26.2 12.7 38.1

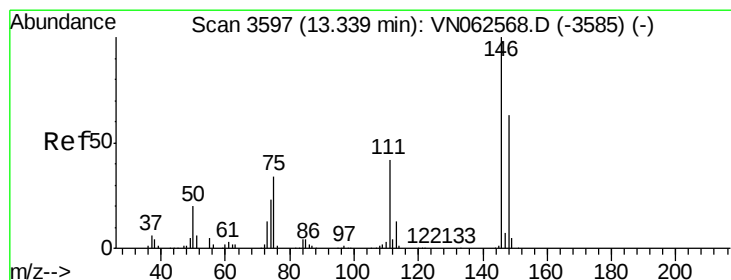
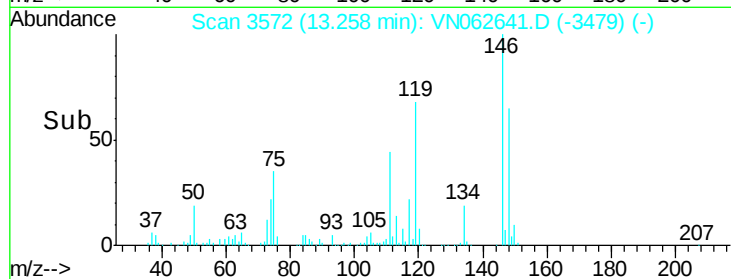
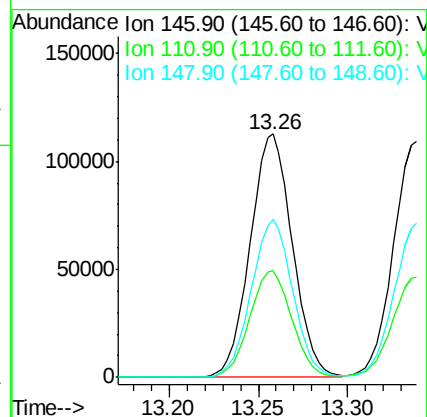
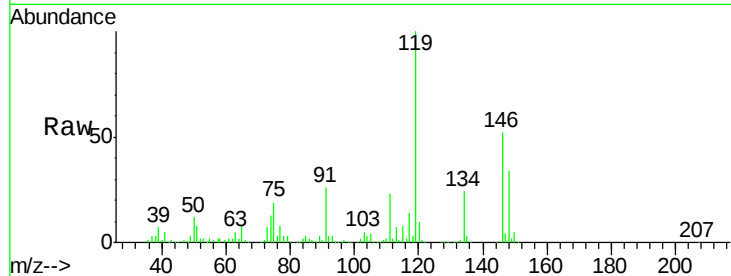




#87
 1,3-Dichlorobenzene
 Concen: 45.958 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062641.D
 Acq: 28 Jul 2020 19:07

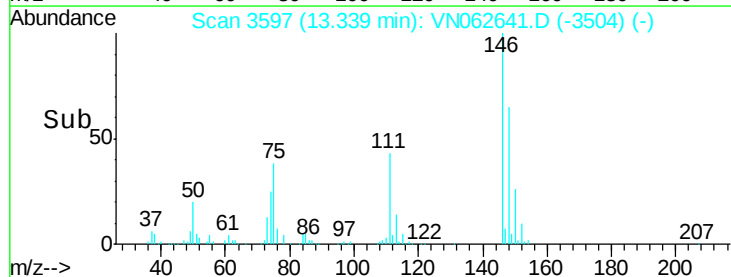
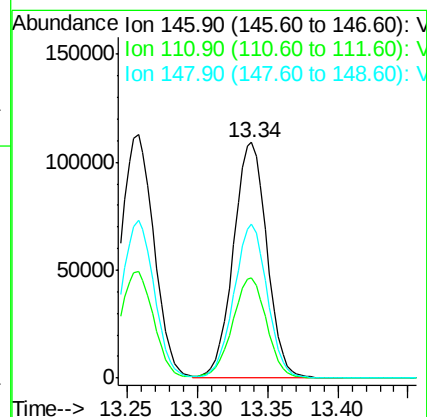
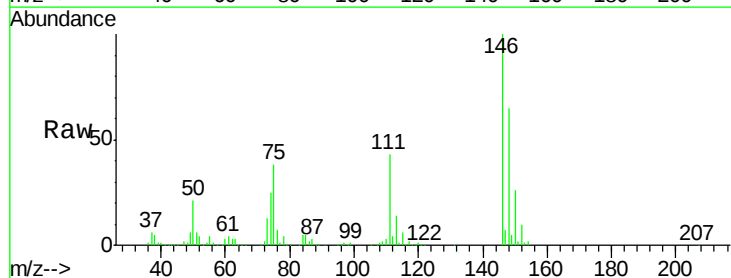
Instrument :
 MSVOA_N
 ClientSampleId :

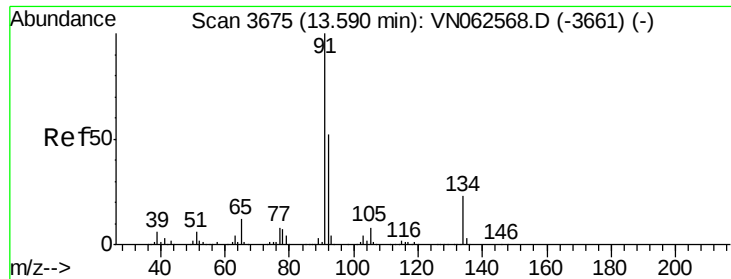
Tot Ion:146 Resp: 186588
 Ion Ratio Lower Upper
 146 100
 111 43.6 21.6 64.6
 148 63.7 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 45.364 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062641.D
 Acq: 28 Jul 2020 19:07

Tgt Ion:146 Resp: 181307
 Ion Ratio Lower Upper
 146 100
 111 43.6 21.1 63.1
 148 64.5 31.6 94.8

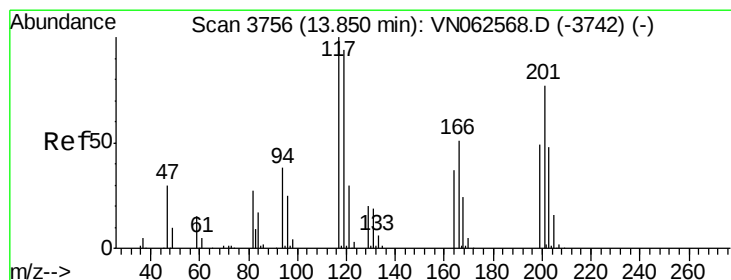
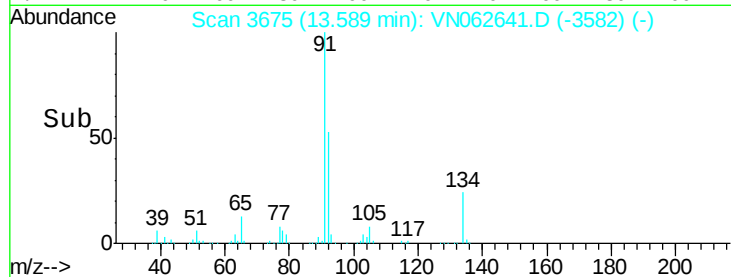
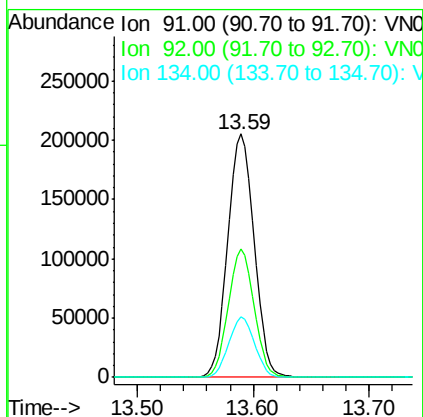
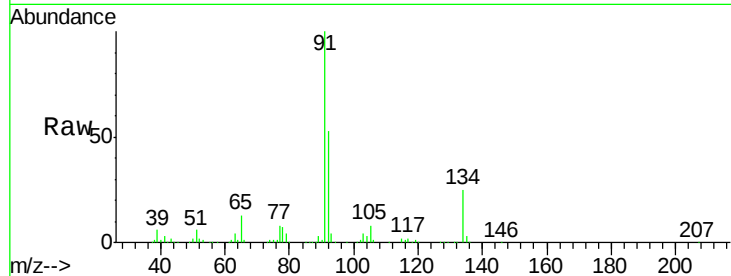




#89
n-Butylbenzene
Concen: 49.281 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062641.D
Acq: 28 Jul 2020 19:07

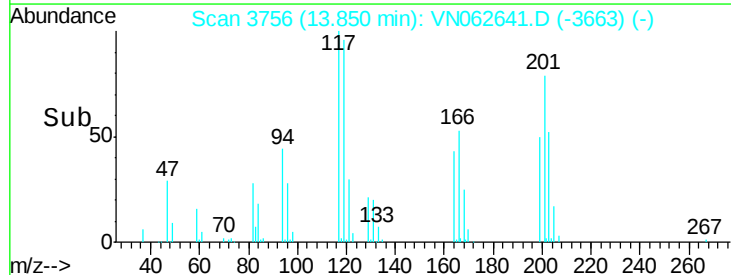
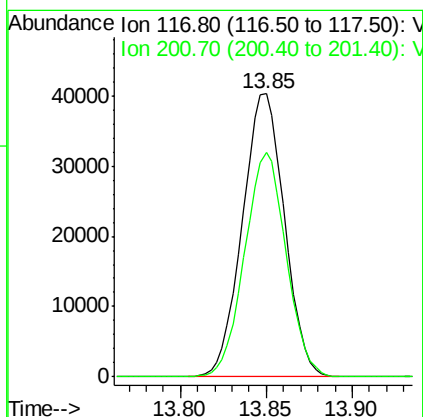
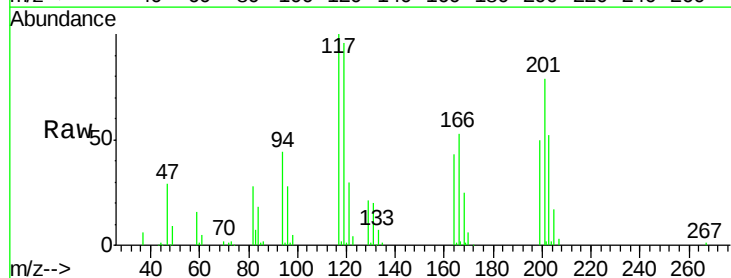
Instrument :
MSVOA_N
ClientSampleId :

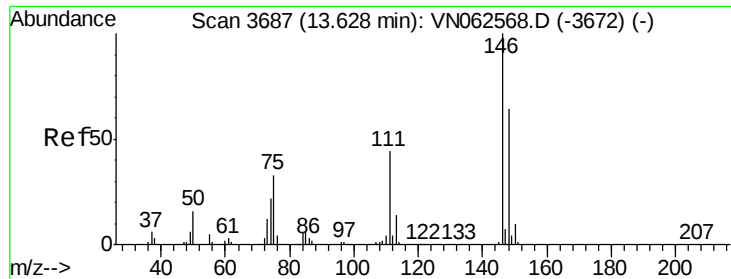
Tot Ion: 91 Resp: 323312
Ion Ratio Lower Upper
91 100
92 51.3 25.8 77.3
134 24.1 11.8 35.3



#90
Hexachloroethane
Concen: 42.080 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN062641.D
Acq: 28 Jul 2020 19:07

Tgt Ion: 117 Resp: 68398
Ion Ratio Lower Upper
117 100
201 78.0 39.2 117.6





#91

1,2-Dichlorobenzene

Concen: 47.203 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. -0.00 min

Lab File: VN062641.D

Acq: 28 Jul 2020 19:07

Instrument :

MSVOA_N

ClientSampleId :

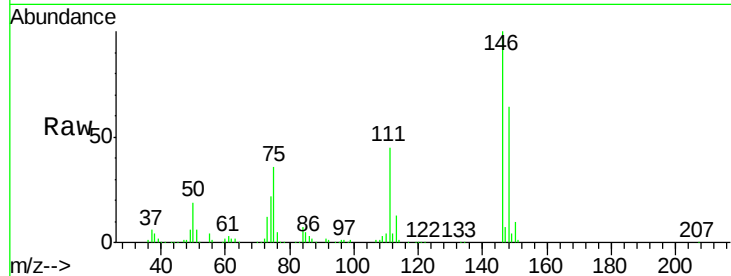
Tot Ion:146 Resp: 183247

Ion Ratio Lower Upper

146 100

111 44.9 21.9 65.8

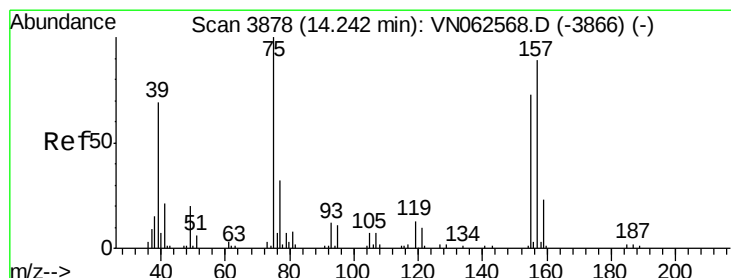
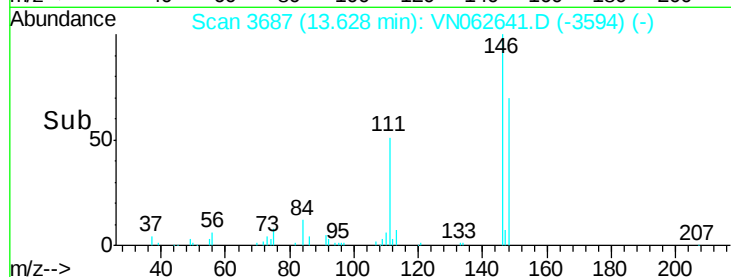
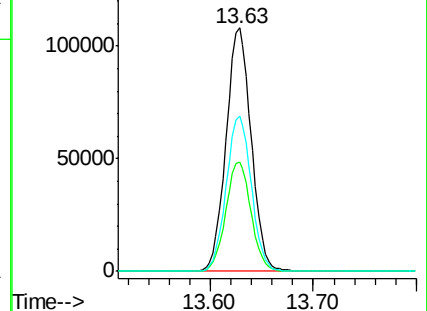
148 63.7 31.6 94.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.787 ug/l

RT: 14.24 min Scan# 3878

Delta R.T. -0.00 min

Lab File: VN062641.D

Acq: 28 Jul 2020 19:07

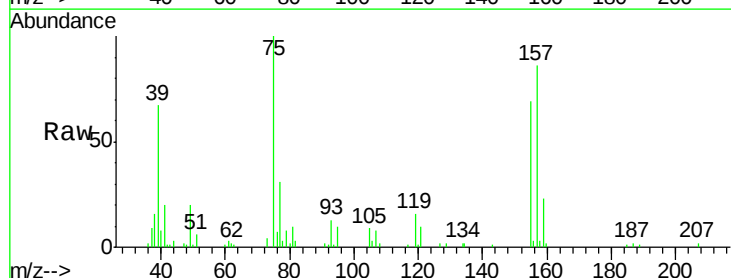
Tgt Ion: 75 Resp: 27811

Ion Ratio Lower Upper

75 100

155 70.3 35.9 107.5

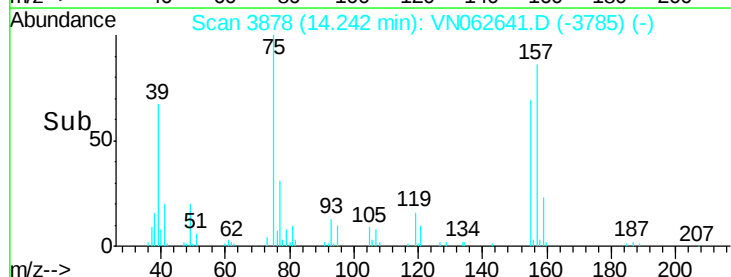
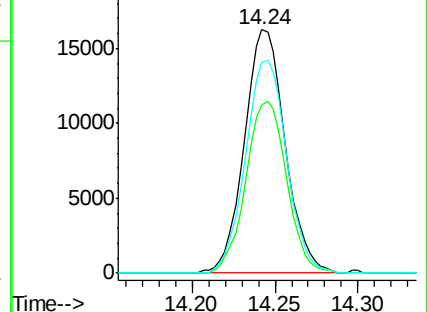
157 88.1 45.0 135.0

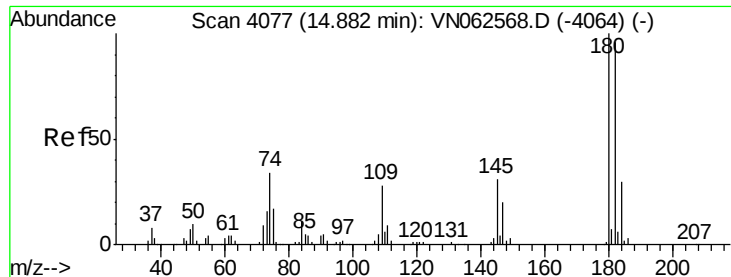


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

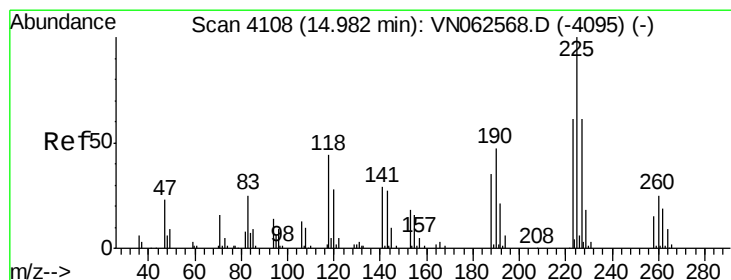
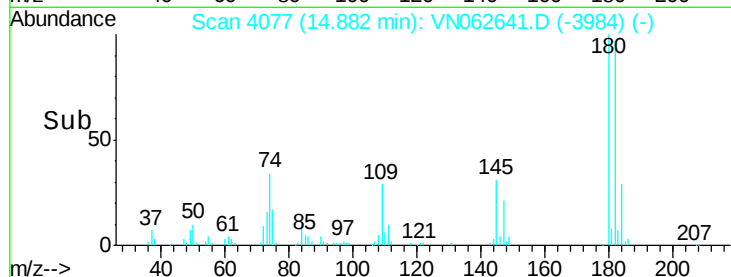
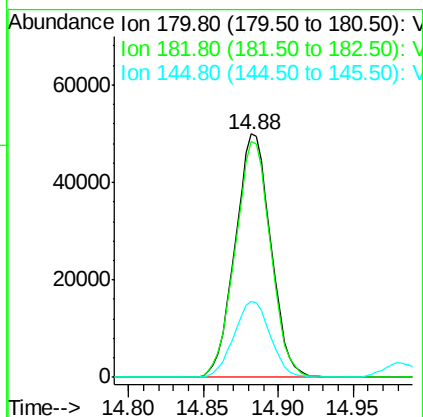
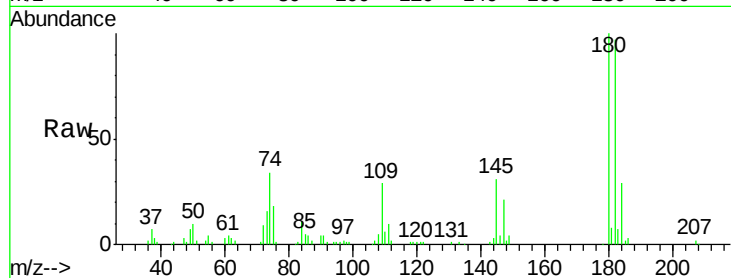




#93
 1,2,4-Trichlorobenzene
 Concen: 41.083 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN062641.D
 Acq: 28 Jul 2020 19:07

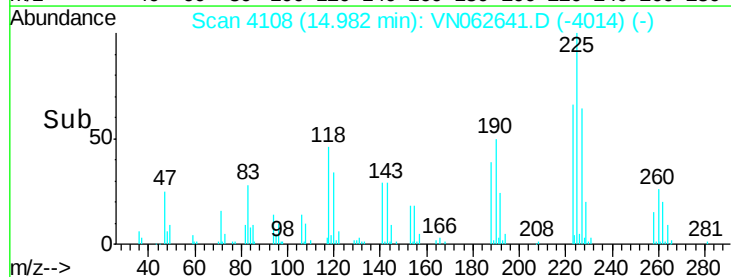
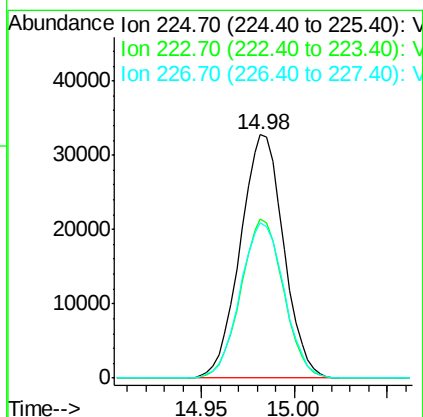
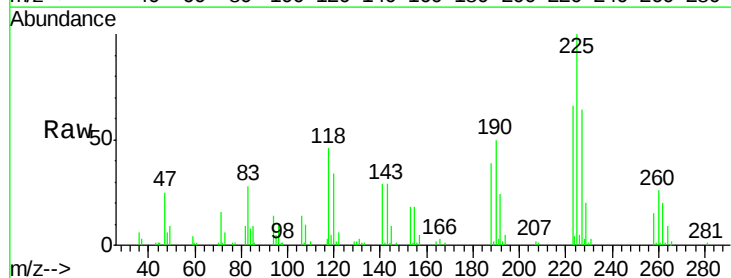
Instrument :
 MSVOA_N
 ClientSampleId :

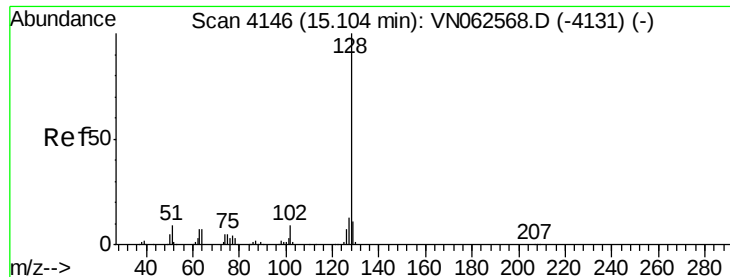
Tot Ion:180 Resp: 82654
 Ion Ratio Lower Upper
 180 100
 182 96.8 47.8 143.3
 145 31.8 15.3 45.9



#94
 Hexachlorobutadiene
 Concen: 50.861 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN062641.D
 Acq: 28 Jul 2020 19:07

Tgt Ion:225 Resp: 53407
 Ion Ratio Lower Upper
 225 100
 223 64.3 32.0 96.0
 227 64.7 31.1 93.2

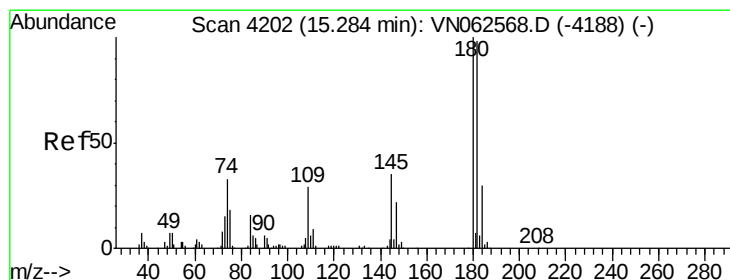
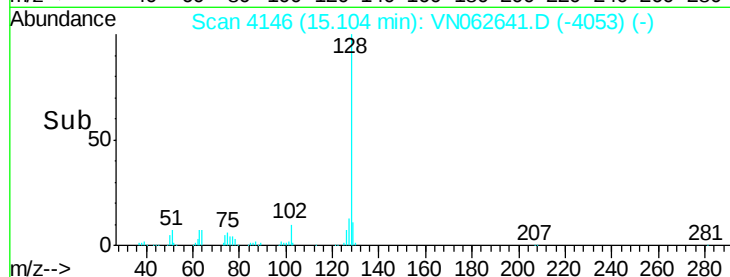
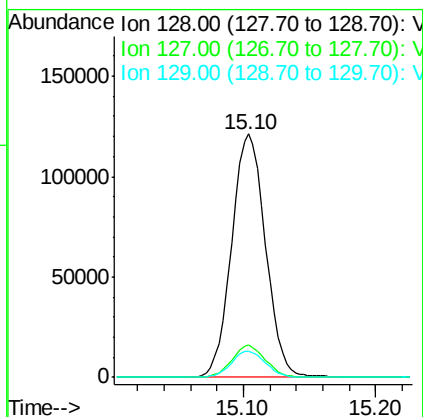
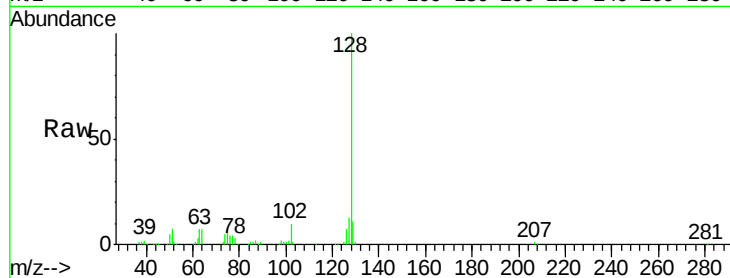




#95
Naphthalene
Concen: 40.516 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN062641.D
Acq: 28 Jul 2020 19:07

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:128 Resp: 215199
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 45.191 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062641.D
Acq: 28 Jul 2020 19:07

Tgt Ion:180 Resp: 82677
Ion Ratio Lower Upper
180 100
182 97.2 48.1 144.3
145 35.3 16.7 50.1

