

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071020\
 Data File : VN062505.D
 Acq On : 10 Jul 2020 20:22
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 11 02:10:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 00:55:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	212957	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	364567	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	338041	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	158886	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	157464	48.07	ug/l	0.00
Spiked Amount 50.000			Recovery =	96.14%		
35) Dibromofluoromethane	7.55	113	112709	50.01	ug/l	0.00
Spiked Amount 50.000			Recovery =	100.02%		
50) Toluene-d8	10.06	98	446728	50.22	ug/l	0.00
Spiked Amount 50.000			Recovery =	100.44%		
62) 4-Bromofluorobenzene	12.38	95	168282	51.76	ug/l	0.00
Spiked Amount 50.000			Recovery =	103.52%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	95534	44.042	ug/l	97
3) Chloromethane	2.03	50	144214	41.434	ug/l	100
4) Vinyl Chloride	2.16	62	124625	43.704	ug/l	99
5) Bromomethane	2.51	94	56666	37.001	ug/l	99
6) Chloroethane	2.66	64	74381	44.785	ug/l	94
7) Trichlorofluoromethane	2.98	101	167717	46.310	ug/l	97
8) Diethyl Ether	3.37	74	76985	47.538	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	104102	48.490	ug/l	99
10) Methyl Iodide	3.91	142	121266	42.778	ug/l	99
11) Tert butyl alcohol	4.74	59	133712	246.085	ug/l	99
12) 1,1-Dichloroethene	3.69	96	102014	46.672	ug/l	100
13) Acrolein	3.56	56	107392	273.983	ug/l	99
14) Allyl chloride	4.27	41	231301	44.994	ug/l	98
15) Acrylonitrile	4.93	53	350096	245.674	ug/l	99
16) Acetone	3.78	43	280796	201.916	ug/l	98
17) Carbon Disulfide	4.00	76	291398	42.545	ug/l	98
18) Methyl Acetate	4.28	43	163592	47.138	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	399095	48.159	ug/l	100
20) Methylene Chloride	4.50	84	130626	43.932	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	111002	46.876	ug/l	96
22) Diisopropyl ether	5.91	45	478262	47.090	ug/l	95
23) Vinyl Acetate	5.84	43	1997651	237.437	ug/l	100
24) 1,1-Dichloroethane	5.80	63	247108	47.084	ug/l	100
25) 2-Butanone	6.79	43	468007	230.436	ug/l	99
26) 2,2-Dichloropropane	6.77	77	174500	43.364	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	133078	48.519	ug/l	96
28) Bromochloromethane	7.15	49	130886	45.904	ug/l	97
29) Tetrahydrofuran	7.17	42	320717	234.553	ug/l	99
30) Chloroform	7.33	83	228204	48.158	ug/l	100
31) Cyclohexane	7.61	56	216329	43.480	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	187869	47.663	ug/l	98
36) 1,1-Dichloropropene	7.75	75	171828	46.782	ug/l	99
37) Ethyl Acetate	6.88	43	200848	46.765	ug/l	99
38) Carbon Tetrachloride	7.73	117	159675	48.355	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 00:55:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	189469	48.318	ug/l	100
40) Benzene	8.00	78	526594	48.646	ug/l	100
41) Methacrylonitrile	7.12	41	91598	51.046	ug/l	97
42) 1,2-Dichloroethane	8.09	62	191923	48.420	ug/l	99
43) Isopropyl Acetate	8.13	43	333168	49.106	ug/l	98
44) Trichloroethene	8.80	130	116596	48.546	ug/l	98
45) 1,2-Dichloropropane	9.09	63	153739	48.923	ug/l	100
46) Dibromomethane	9.18	93	85699	48.326	ug/l	99
47) Bromodichloromethane	9.37	83	187556	49.469	ug/l	99
48) Methyl methacrylate	9.17	41	160860	48.334	ug/l	97
49) 1,4-Dioxane	9.17	88	49457	1020.980	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	1016046	250.731	ug/l	99
52) Toluene	10.12	92	311410	49.804	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	210747	49.615	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	226979	48.431	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	124961	50.814	ug/l	99
56) Ethyl methacrylate	10.40	69	217251	48.071	ug/l	97
57) 1,3-Dichloropropane	10.68	76	228499	50.293	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	387362	265.507	ug/l	98
59) 2-Hexanone	10.72	43	742405	252.357	ug/l	98
60) Dibromochloromethane	10.87	129	136681	51.260	ug/l	99
61) 1,2-Dibromoethane	10.98	107	126025	50.766	ug/l	99
64) Tetrachloroethene	10.60	164	96055	47.886	ug/l	98
65) Chlorobenzene	11.41	112	327819	49.897	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	120669	49.806	ug/l	99
67) Ethyl Benzene	11.48	91	615009	49.870	ug/l	99
68) m/p-Xylenes	11.59	106	440942	101.001	ug/l	99
69) o-Xylene	11.92	106	217544	51.179	ug/l	99
70) Styrene	11.94	104	374332	53.285	ug/l	99
71) Bromoform	12.10	173	94287	53.087	ug/l #	99
73) Isopropylbenzene	12.22	105	583483	47.457	ug/l	100
74) N-amyl acetate	12.04	43	310711	51.921	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	198986	48.134	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	253709	65.078	ug/l #	100
77) Bromobenzene	12.50	156	159886	57.201	ug/l	73
78) n-propylbenzene	12.57	91	695091	48.399	ug/l	100
79) 2-Chlorotoluene	12.65	91	414128	47.510	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	502757	49.881	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	63466	43.573	ug/l	100
82) 4-Chlorotoluene	12.75	91	434105	49.056	ug/l	100
83) tert-Butylbenzene	12.97	119	416492	48.693	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	499209	49.829	ug/l	99
85) sec-Butylbenzene	13.15	105	558761	49.299	ug/l	100
86) p-Isopropyltoluene	13.26	119	499459	51.057	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	242715	50.335	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	241347	48.643	ug/l	99
89) n-Butylbenzene	13.59	91	449669	52.060	ug/l	99
90) Hexachloroethane	13.85	117	94505	49.111	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	237142	50.864	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	39585	52.471	ug/l	98

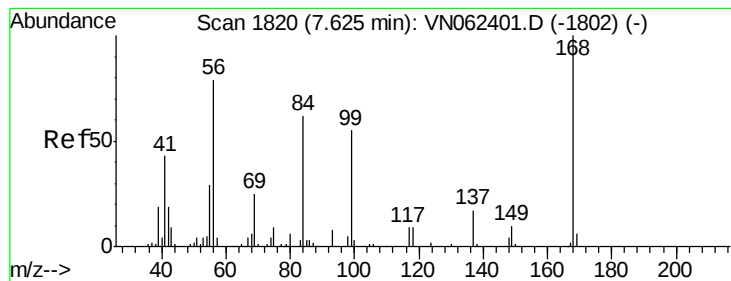
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	133233	51.975	ug/l	100
94) Hexachlorobutadiene	14.98	225	62924	50.832	ug/l	99
95) Naphthalene	15.10	128	437267	68.505	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	132492	52.598	ug/l	99

(#) = 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: VN062505.D

Acq: 10 Jul 2020 20:22

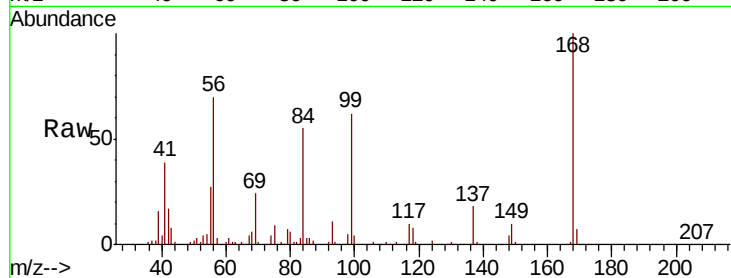
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 212957

Ion Ratio Lower Upper

168 100

99 62.0 48.8 73.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.63

100000

80000

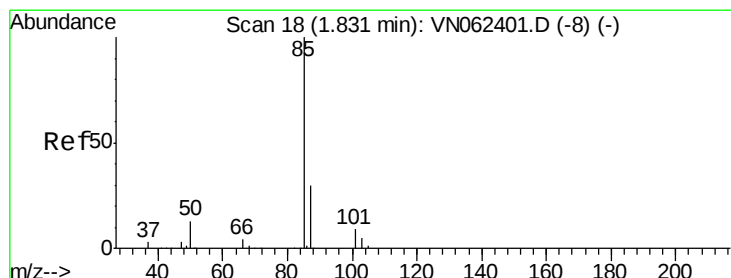
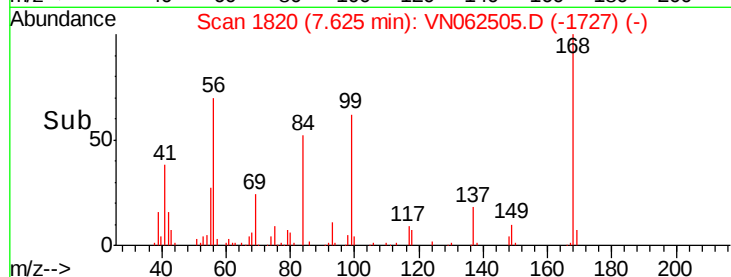
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 44.042 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN062505.D

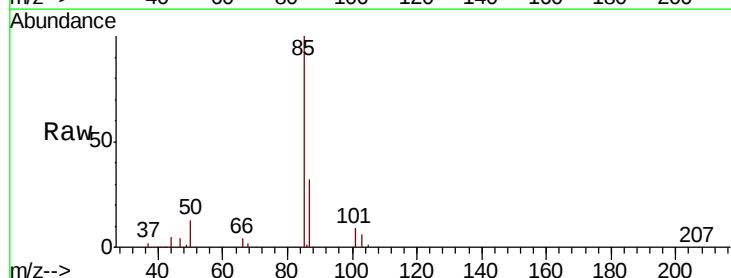
Acq: 10 Jul 2020 20:22

Tgt Ion: 85 Resp: 95534

Ion Ratio Lower Upper

85 100

87 32.1 15.2 45.5



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

80000

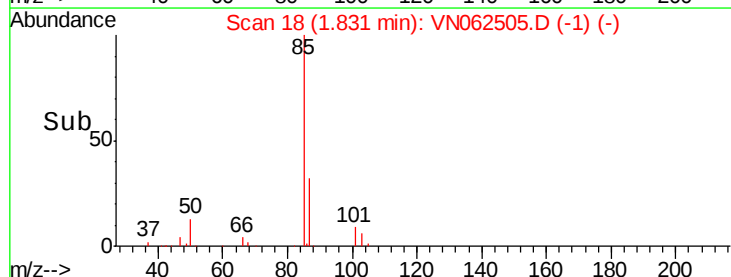
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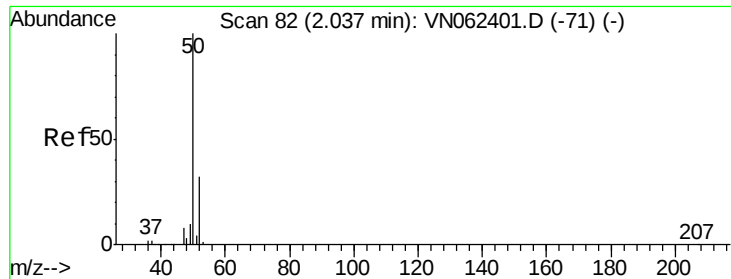
40000

20000

0

Time--> 1.75 1.80 1.85 1.90 1.95





#3

Chloromethane

Concen: 41.434 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062505.D

Acq: 10 Jul 2020 20:22

Instrument :

MSVOA_N

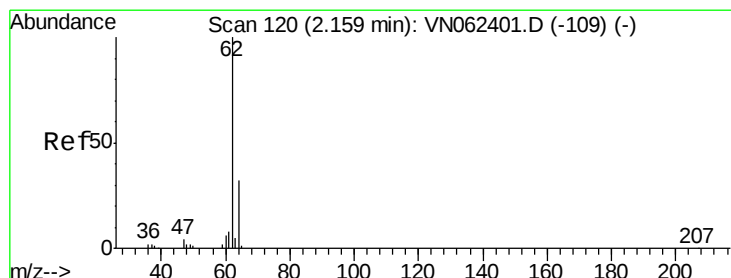
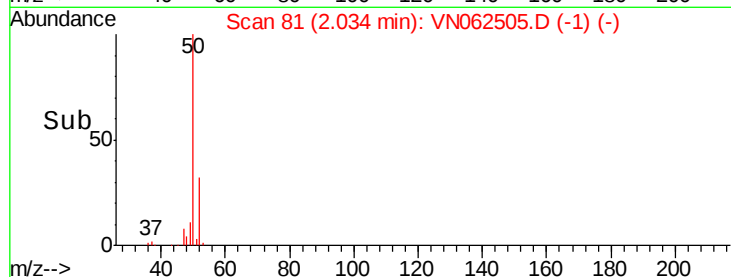
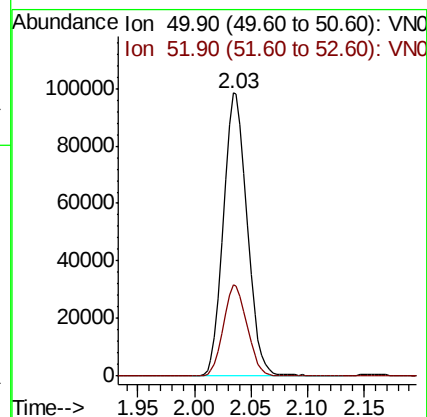
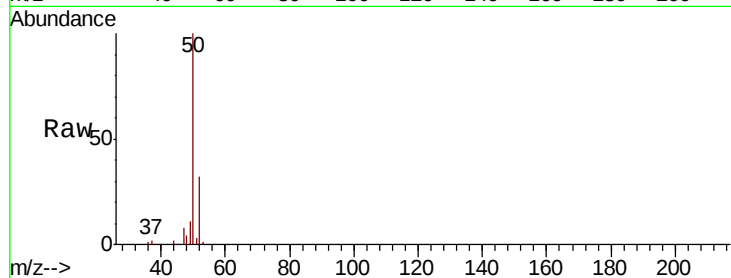
ClientSampled :

Tot Ion: 50 Resp: 144214

Ion Ratio Lower Upper

50 100

52 32.1 25.5 38.3



#4

Vinyl Chloride

Concen: 43.704 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062505.D

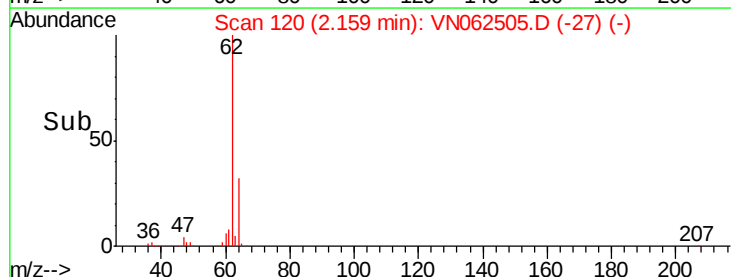
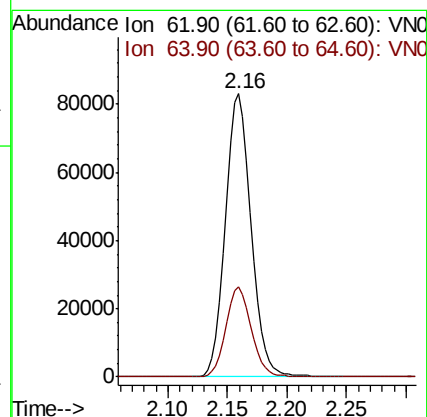
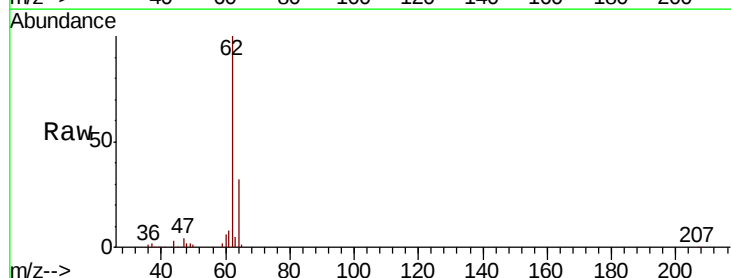
Acq: 10 Jul 2020 20:22

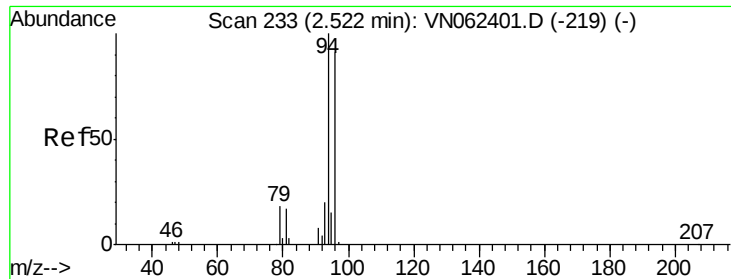
Tgt Ion: 62 Resp: 124625

Ion Ratio Lower Upper

62 100

64 31.6 25.7 38.5





#5

Bromomethane

Concen: 37.001 ug/l

RT: 2.51 min Scan# 229

Delta R.T. -0.01 min

Lab File: VN062505.D

Acq: 10 Jul 2020 20:22

Instrument :

MSVOA_N

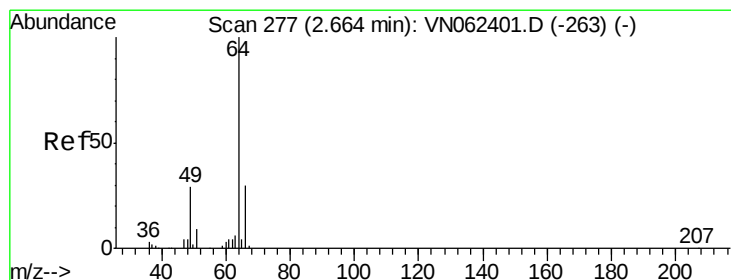
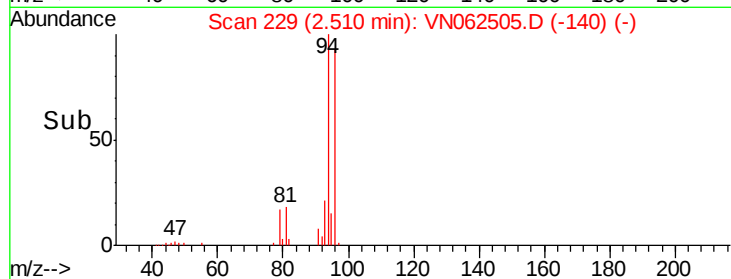
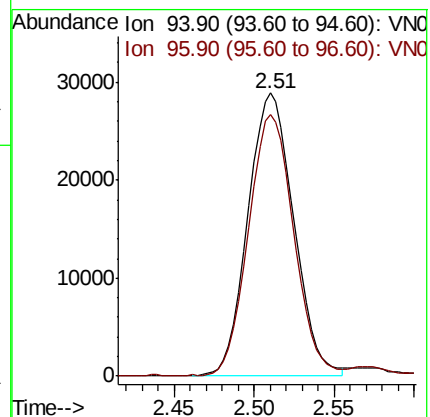
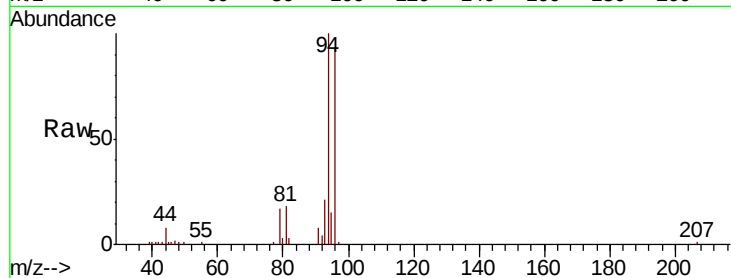
ClientSampled :

Tot Ion: 94 Resp: 56666

Ion Ratio Lower Upper

94 100

96 92.0 73.2 109.8



#6

Chloroethane

Concen: 44.785 ug/l

RT: 2.66 min Scan# 275

Delta R.T. -0.01 min

Lab File: VN062505.D

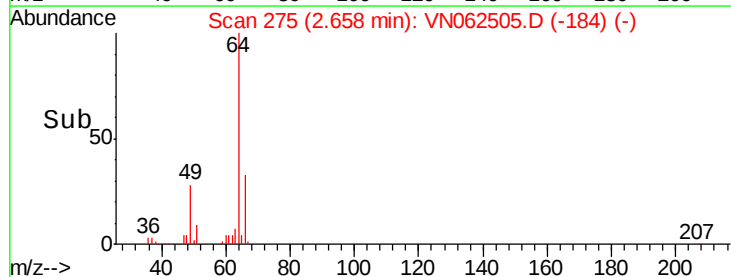
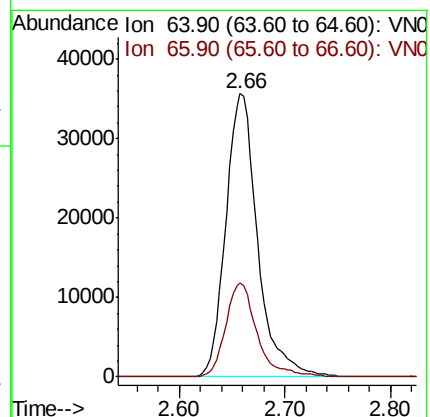
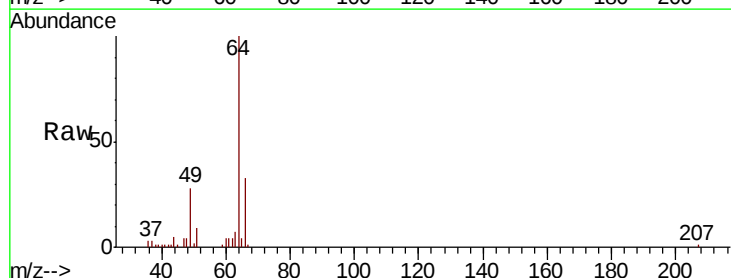
Acq: 10 Jul 2020 20:22

Tgt Ion: 64 Resp: 74381

Ion Ratio Lower Upper

64 100

66 33.3 24.2 36.2



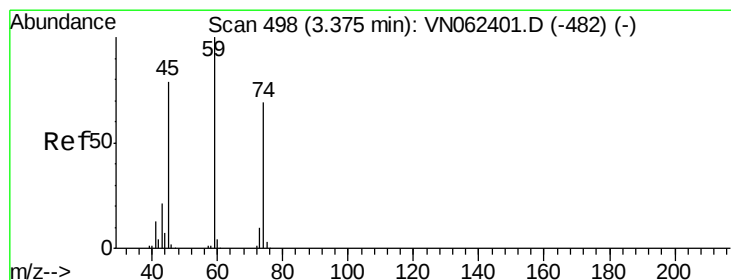
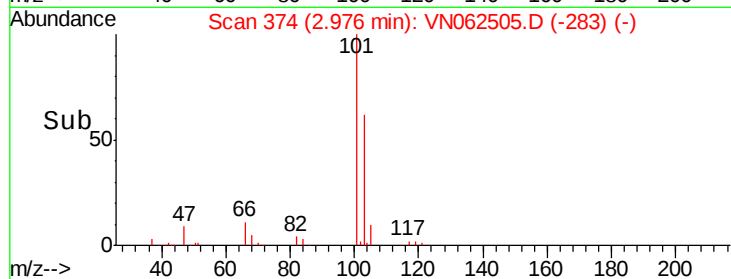
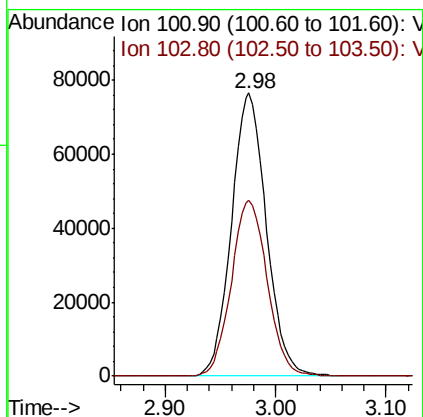
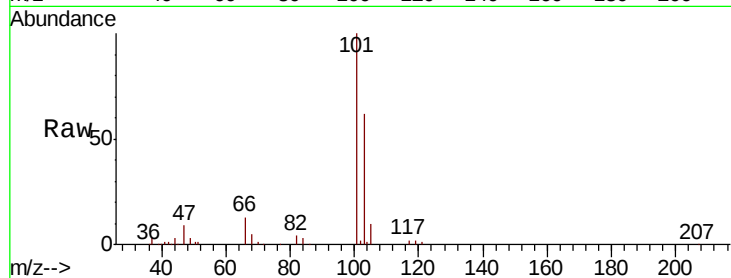


#7

Trichlorofluoromethane
 Concen: 46.310 ug/l
 RT: 2.98 min Scan# 374
 Delta R.T. -0.01 min
 Lab File: VN062505.D
 Acq: 10 Jul 2020 20:22

Instrument :
 MSVOA_N
 ClientSampleId :

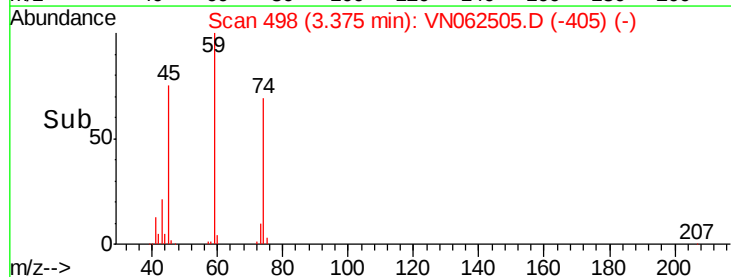
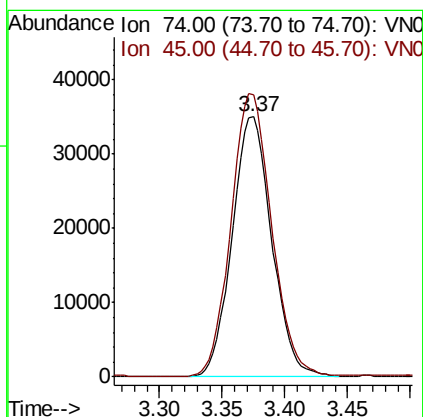
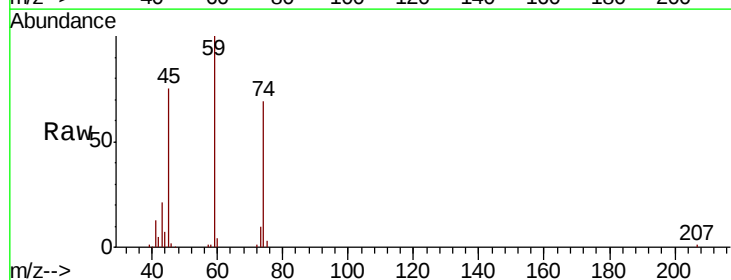
Tot Ion:101 Resp: 167717
 Ion Ratio Lower Upper
 101 100
 103 62.3 51.6 77.4

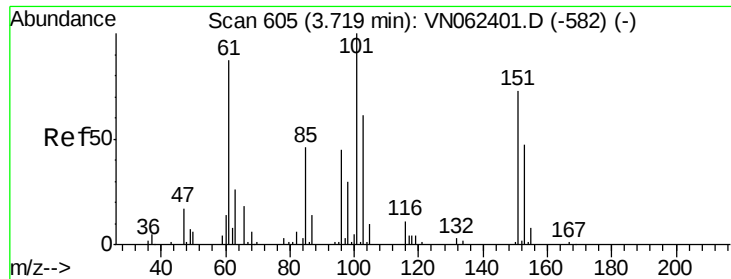


#8

Diethyl Ether
 Concen: 47.538 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN062505.D
 Acq: 10 Jul 2020 20:22

Tgt Ion: 74 Resp: 76985
 Ion Ratio Lower Upper
 74 100
 45 112.6 58.5 175.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.490 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN062505.D

Acq: 10 Jul 2020 20:22

Instrument :

MSVOA_N

ClientSampleId :

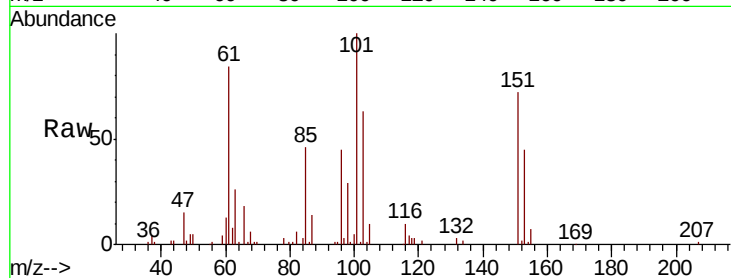
Tot Ion:101 Resp: 104102

Ion Ratio Lower Upper

101 100

85 45.1 36.7 55.1

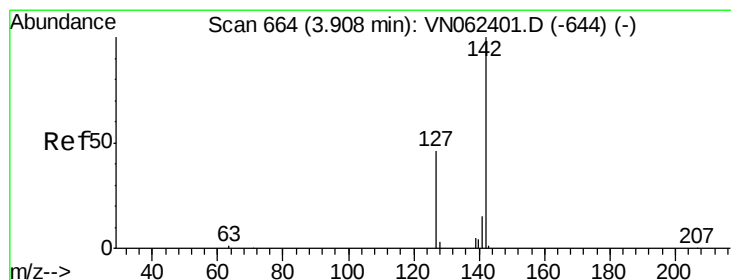
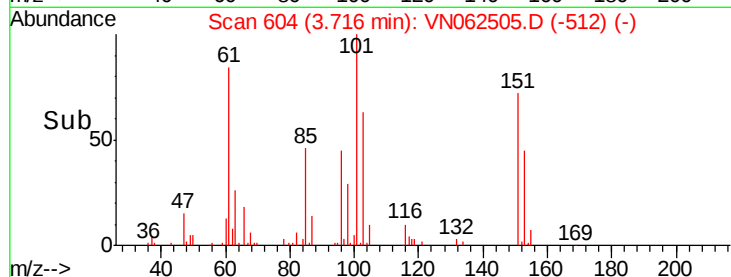
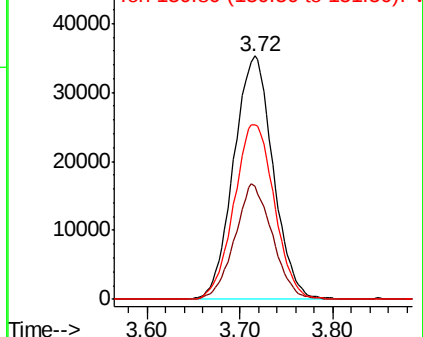
151 73.5 58.3 87.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 42.778 ug/l

RT: 3.91 min Scan# 664

Delta R.T. 0.00 min

Lab File: VN062505.D

Acq: 10 Jul 2020 20:22

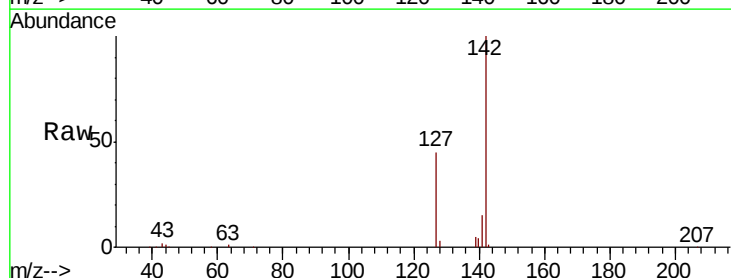
Tgt Ion:142 Resp: 121266

Ion Ratio Lower Upper

142 100

127 44.3 36.1 54.1

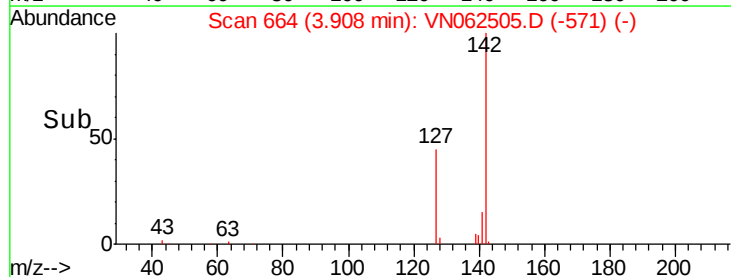
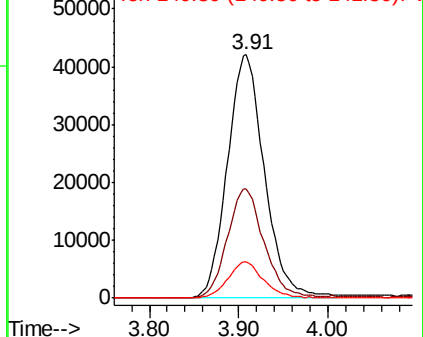
141 14.3 11.4 17.0

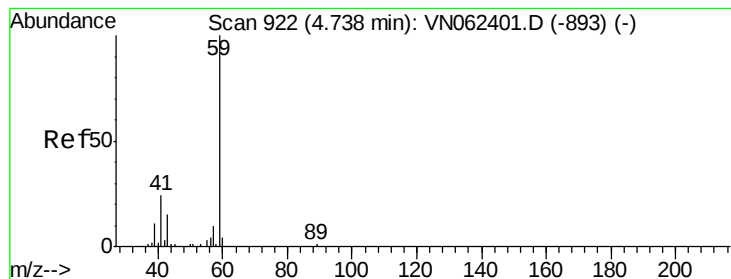


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 246.085 ug/l

RT: 4.74 min Scan# 922

Delta R.T. 0.00 min

Lab File: VN062505.D

Acq: 10 Jul 2020 20:22

Instrument :

MSVOA_N

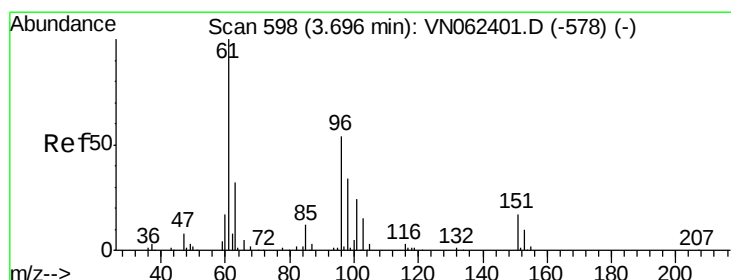
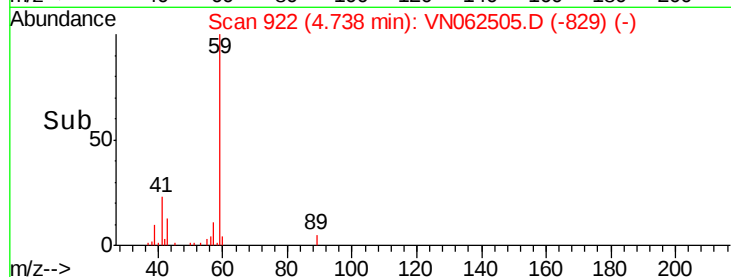
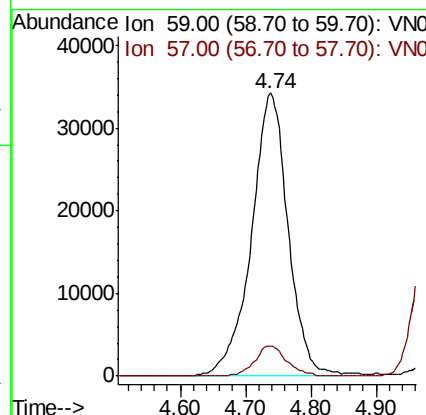
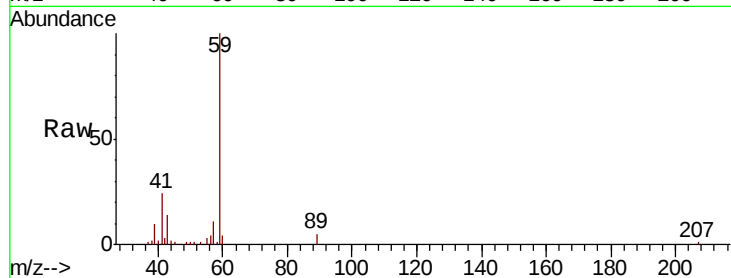
ClientSampleId :

Tot Ion: 59 Resp: 133712

Ion Ratio Lower Upper

59 100

57 9.3 7.8 11.6



#12

1,1-Dichloroethene

Concen: 46.672 ug/l

RT: 3.69 min Scan# 597

Delta R.T. -0.00 min

Lab File: VN062505.D

Acq: 10 Jul 2020 20:22

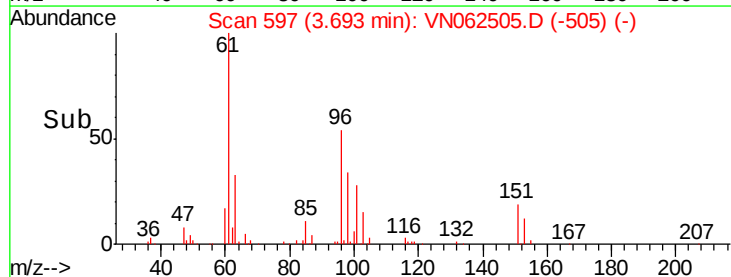
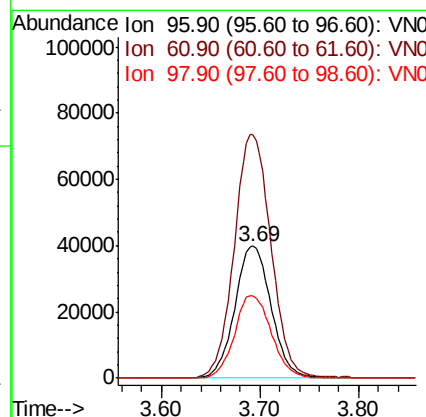
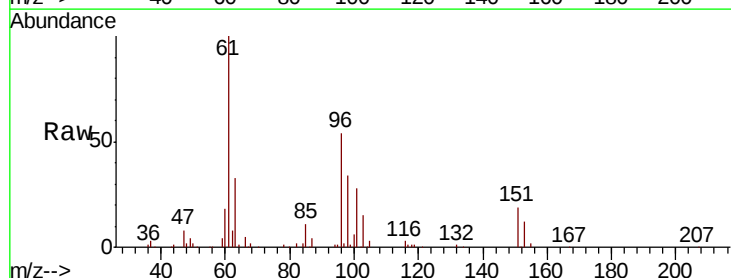
Tgt Ion: 96 Resp: 102014

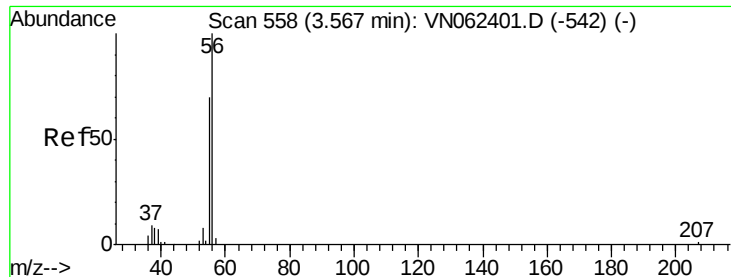
Ion Ratio Lower Upper

96 100

61 184.0 147.4 221.0

98 62.3 50.4 75.6





#13

Acrolein

Concen: 273.983 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN062505.D

Acq: 10 Jul 2020 20:22

Instrument :

MSVOA_N

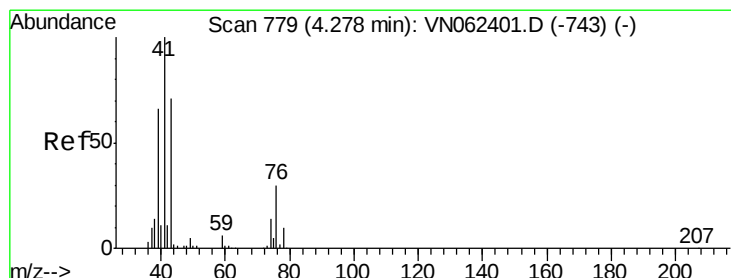
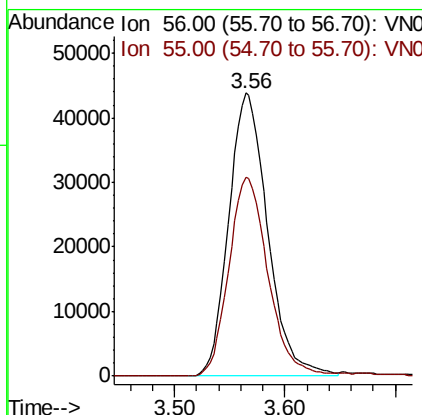
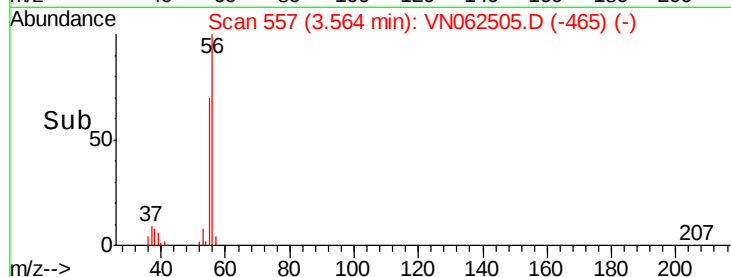
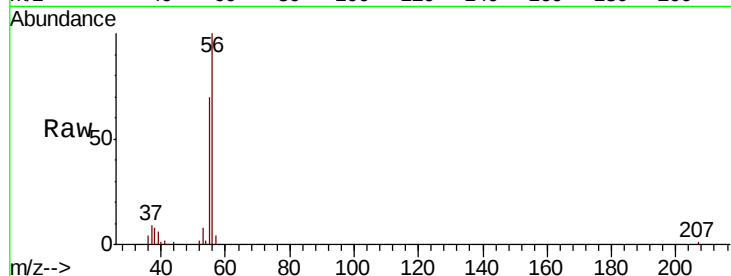
ClientSampleId :

Tot Ion: 56 Resp: 107392

Ion Ratio Lower Upper

56 100

55 70.8 57.2 85.8



#14

Allyl chloride

Concen: 44.994 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062505.D

Acq: 10 Jul 2020 20:22

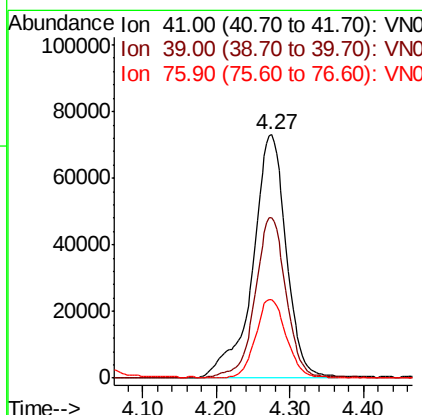
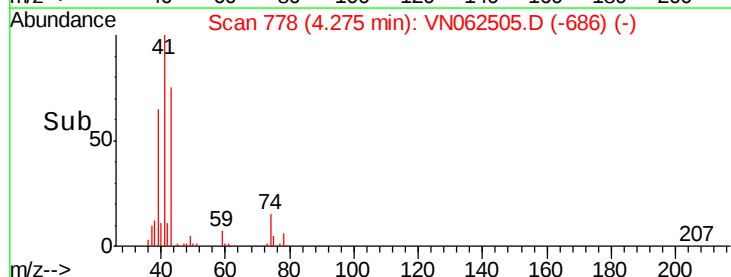
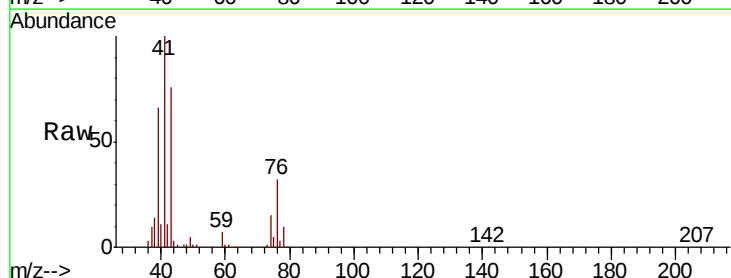
Tgt Ion: 41 Resp: 231301

Ion Ratio Lower Upper

41 100

39 61.0 49.6 74.4

76 29.7 22.2 33.4





#15

Acrylonitrile

Concen: 245.674 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN062505.D

Acq: 10 Jul 2020 20:22

Instrument :

MSVOA_N

ClientSampleId :

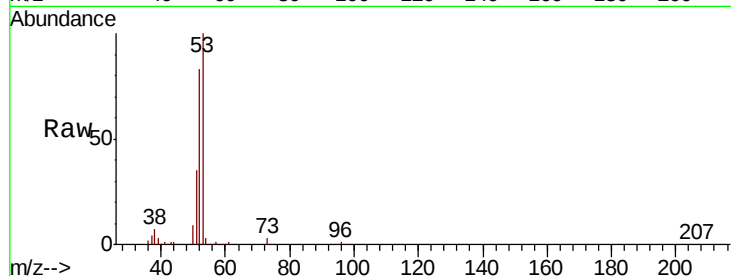
Tot Ion: 53 Resp: 350096

Ion Ratio Lower Upper

53 100

52 81.8 66.2 99.4

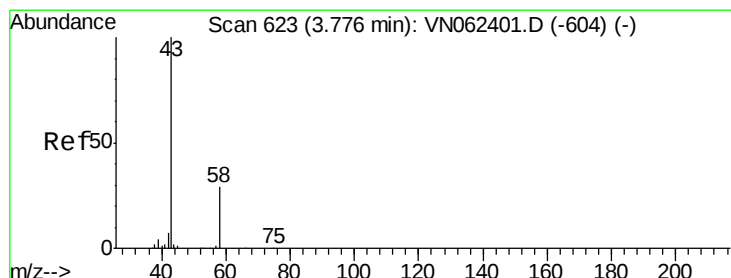
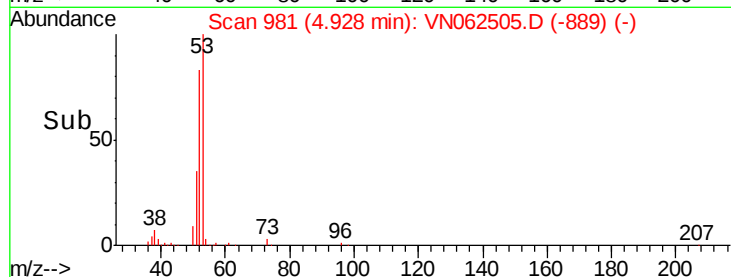
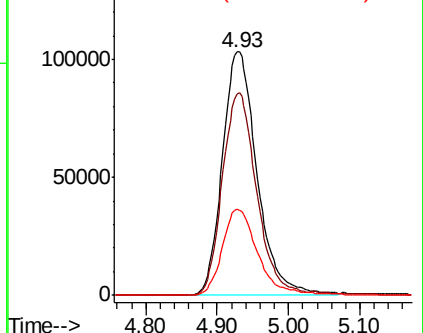
51 36.0 28.7 43.1



Abundance Ion 53.00 (52.70 to 53.70): VN062401.D (-960) (-)

Ion 52.00 (51.70 to 52.70): VN062401.D (-960) (-)

Ion 51.00 (50.70 to 51.70): VN062401.D (-960) (-)



#16

Acetone

Concen: 201.916 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN062505.D

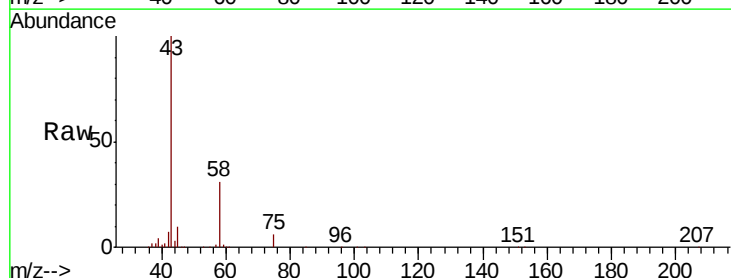
Acq: 10 Jul 2020 20:22

Tgt Ion: 43 Resp: 280796

Ion Ratio Lower Upper

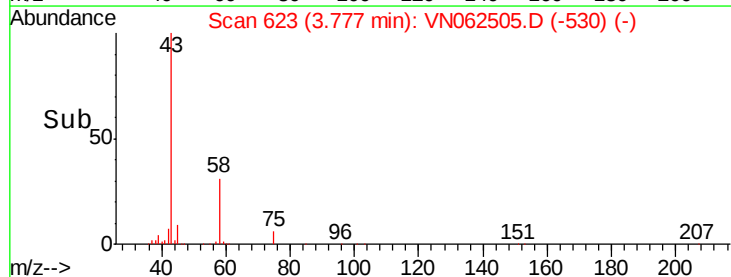
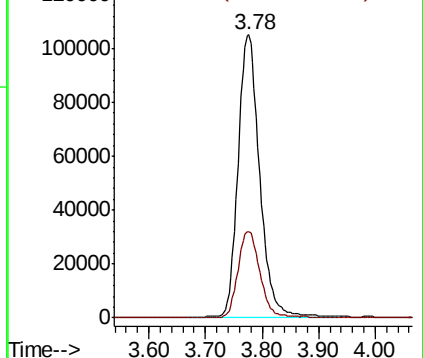
43 100

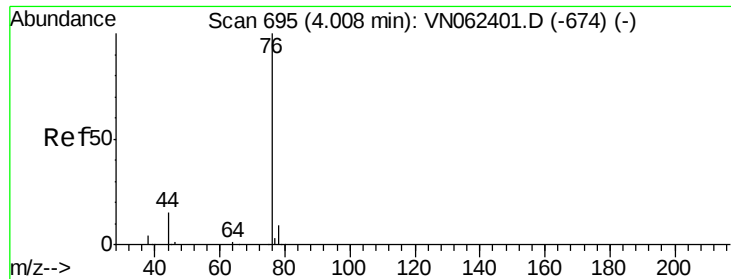
58 30.6 23.5 35.3



Abundance Ion 43.00 (42.70 to 43.70): VN062401.D (-604) (-)

Ion 58.00 (57.70 to 58.70): VN062401.D (-604) (-)

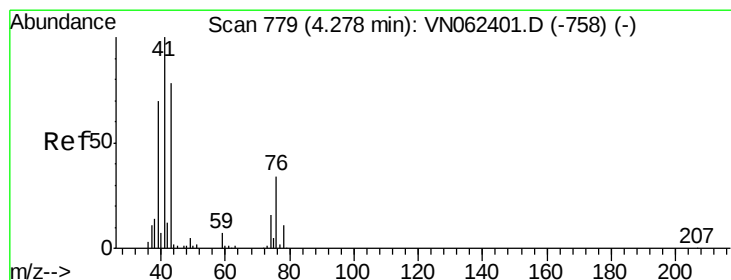
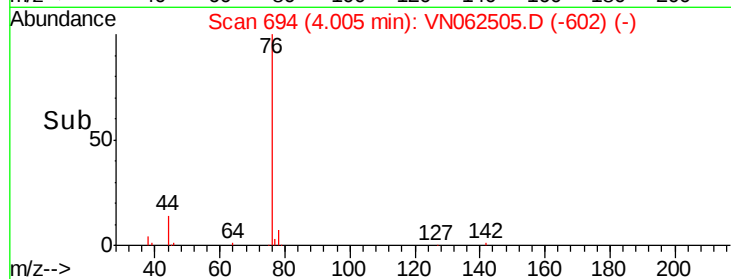
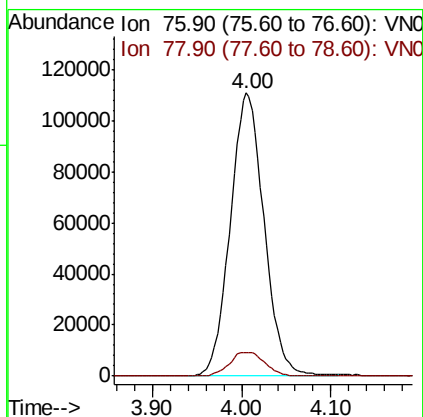
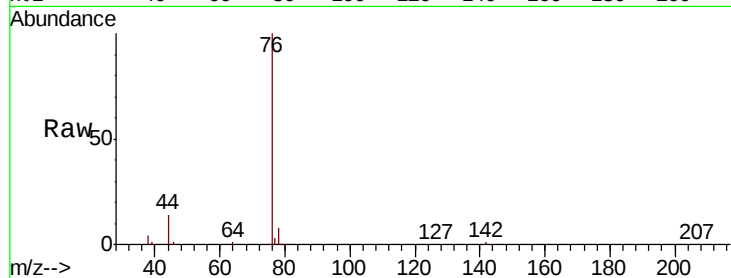




#17
Carbon Disulfide
Concen: 42.545 ug/l
RT: 4.00 min Scan# 694
Delta R.T. -0.00 min
Lab File: VN062505.D
Acq: 10 Jul 2020 20:22

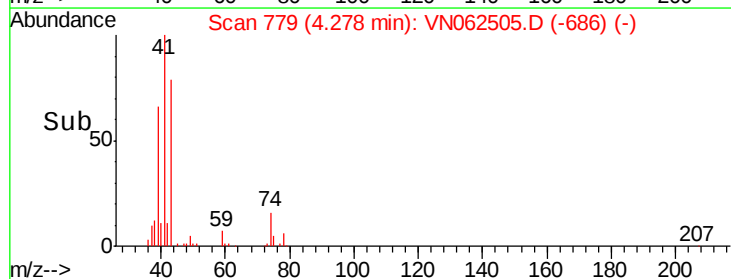
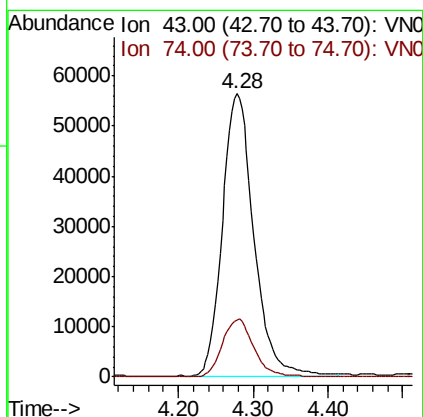
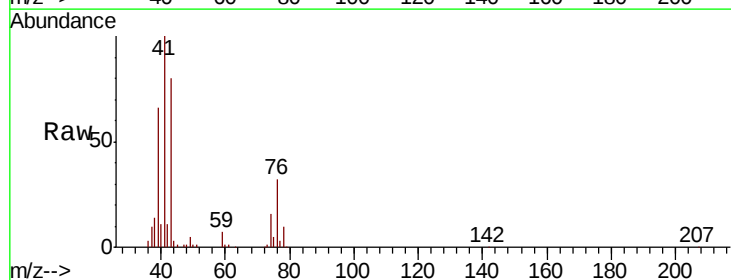
Instrument :
MSVOA_N
ClientSampled :

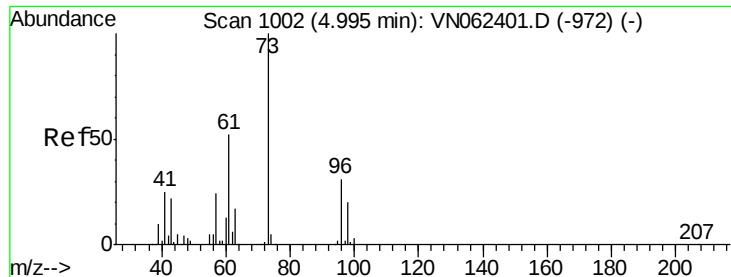
Tot Ion: 76 Resp: 291398
Ion Ratio Lower Upper
76 100
78 8.4 7.3 10.9



#18
Methyl Acetate
Concen: 47.138 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN062505.D
Acq: 10 Jul 2020 20:22

Tgt Ion: 43 Resp: 163592
Ion Ratio Lower Upper
43 100
74 20.5 16.0 24.0

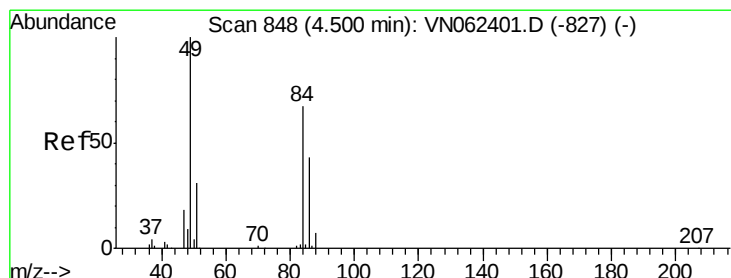
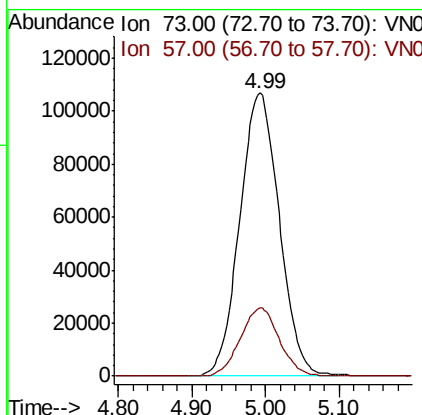
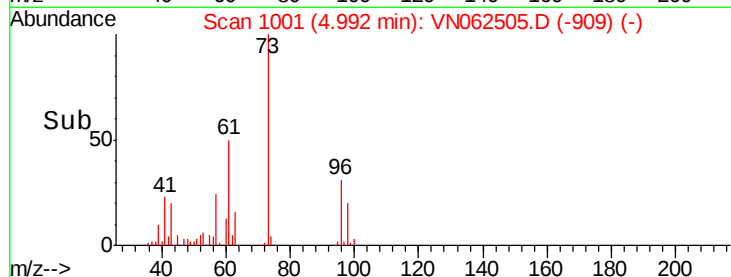
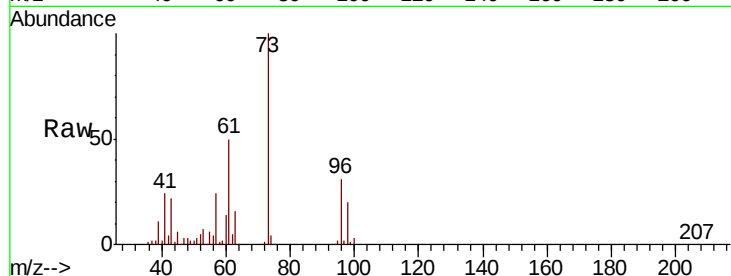




#19
Methyl tert-butyl Ether
Concen: 48.159 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VN062505.D
Acq: 10 Jul 2020 20:22

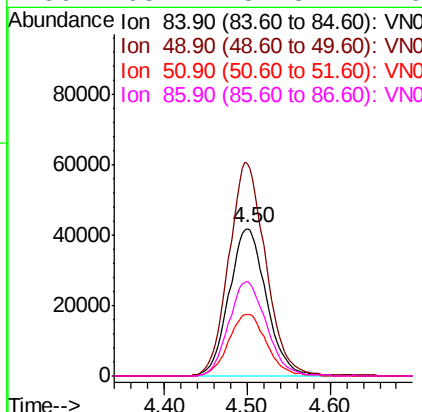
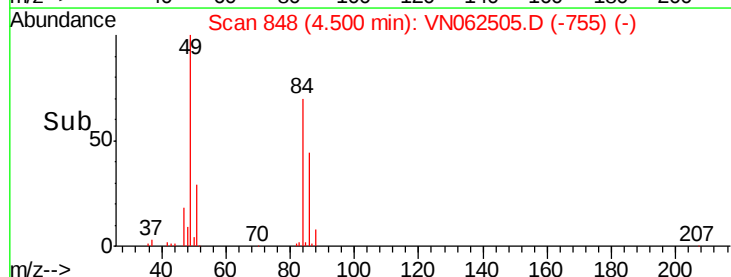
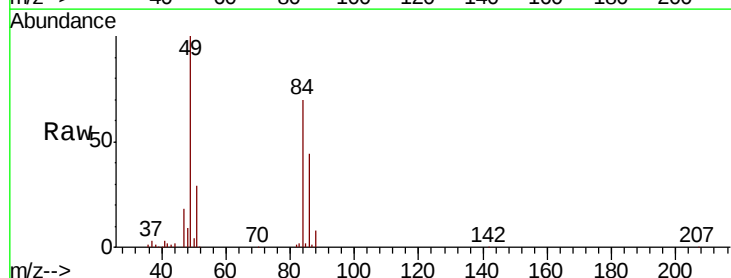
Instrument :
MSVOA_N
ClientSampled :

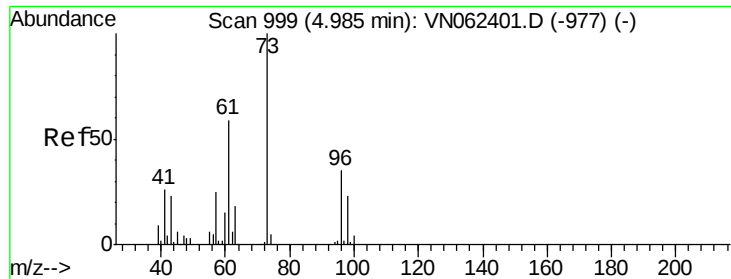
Tot Ion: 73 Resp: 399095
Ion Ratio Lower Upper
73 100
57 24.2 19.4 29.0



#20
Methylene Chloride
Concen: 43.932 ug/l
RT: 4.50 min Scan# 848
Delta R.T. 0.00 min
Lab File: VN062505.D
Acq: 10 Jul 2020 20:22

Tgt Ion: 84 Resp: 130626
Ion Ratio Lower Upper
84 100
49 143.9 120.0 180.0
51 42.0 37.0 55.6
86 63.7 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 46.876 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN062505.D

Acq: 10 Jul 2020 20:22

Instrument :

MSVOA_N

ClientSampled :

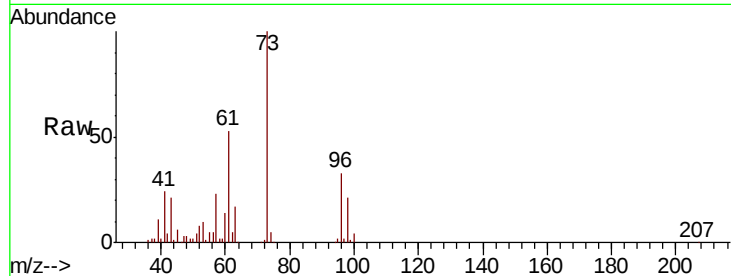
Tot Ion: 96 Resp: 111002

Ion Ratio Lower Upper

96 100

61 161.7 133.5 200.3

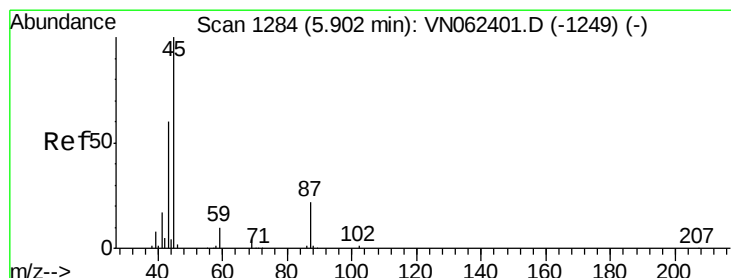
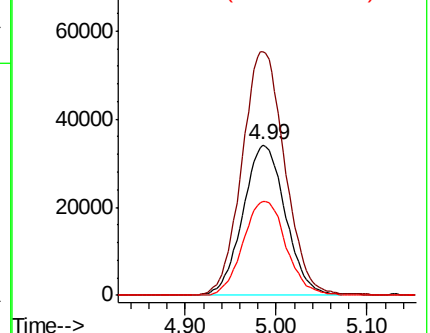
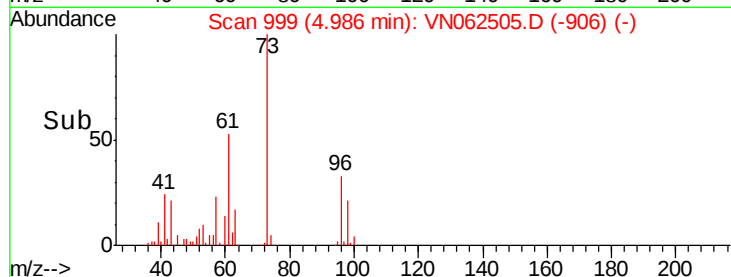
98 62.8 51.9 77.9



Abundance Ion 95.90 (95.60 to 96.60): VN062505.D (-906) (-)

Ion 60.90 (60.60 to 61.60): VN062505.D (-906) (-)

Ion 97.90 (97.60 to 98.60): VN062505.D (-906) (-)



#22

Diisopropyl ether

Concen: 47.090 ug/l

RT: 5.91 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VN062505.D

Acq: 10 Jul 2020 20:22

Tgt Ion: 45 Resp: 478262

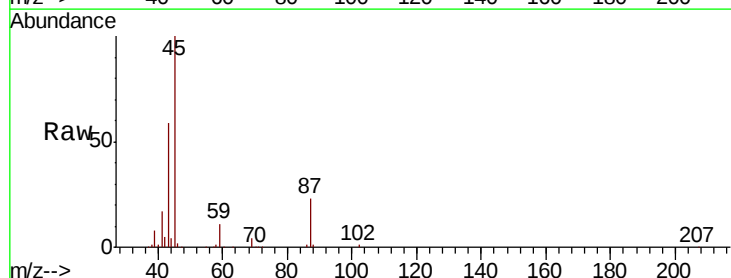
Ion Ratio Lower Upper

45 100

43 57.5 50.1 75.1

87 23.2 18.2 27.4

59 11.3 8.2 12.2

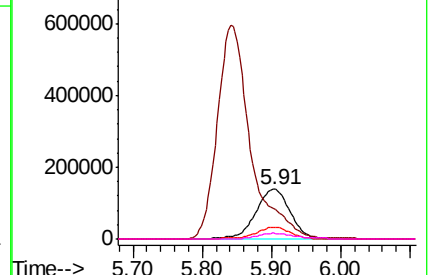
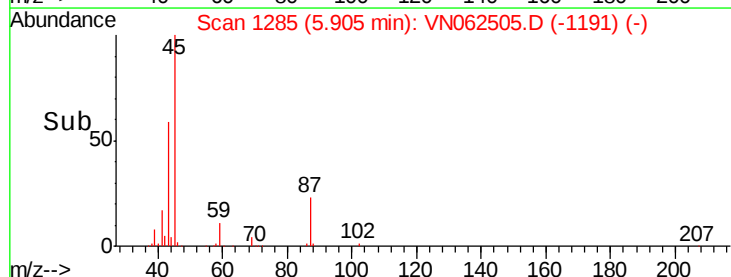


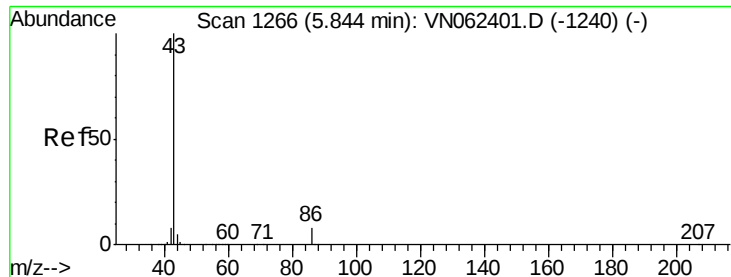
Abundance Ion 45.00 (44.70 to 45.70): VN062505.D (-1191) (-)

Ion 43.00 (42.70 to 43.70): VN062505.D (-1191) (-)

Ion 87.00 (86.70 to 87.70): VN062505.D (-1191) (-)

Ion 59.00 (58.70 to 59.70): VN062505.D (-1191) (-)





#23

Vinyl Acetate

Concen: 237.437 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN062505.D

Acq: 10 Jul 2020 20:22

Instrument :

MSVOA_N

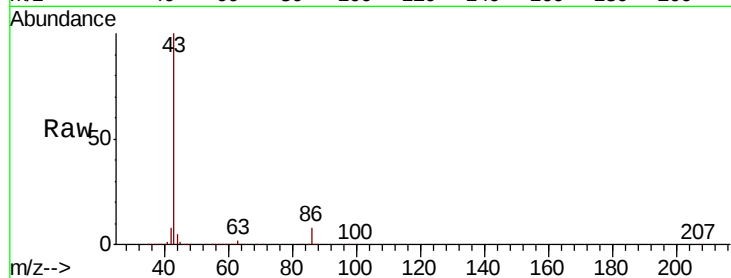
ClientSampleId :

Tot Ion: 43 Resp: 1997651

Ion Ratio Lower Upper

43 100

86 8.3 6.7 10.1



Abundance Ion 43.00 (42.70 to 43.70): VN062401.D (-1240) (-)

Ion 86.00 (85.70 to 86.70): VN062401.D (-1240) (-)

5.84

600000

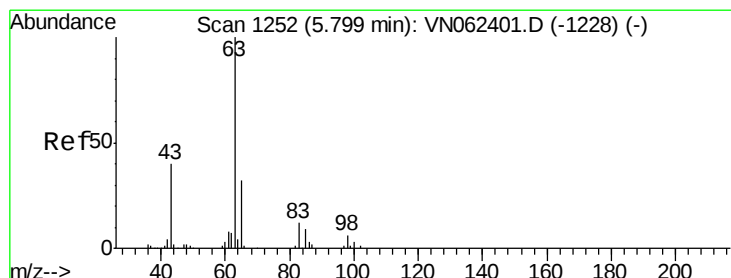
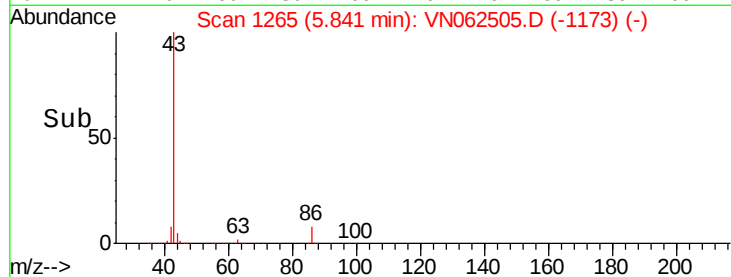
400000

200000

0

5.80 6.00

Time-->



#24

1,1-Dichloroethane

Concen: 47.084 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062505.D

Acq: 10 Jul 2020 20:22

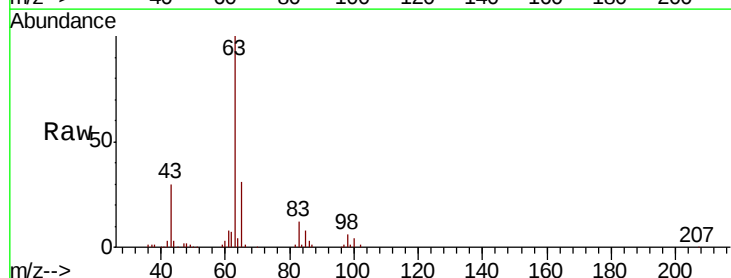
Tgt Ion: 63 Resp: 247108

Ion Ratio Lower Upper

63 100

98 5.8 2.9 8.8

100 3.6 1.8 5.3



Abundance Ion 62.90 (62.60 to 63.60): VN062401.D (-1228) (-)

Ion 97.90 (97.60 to 98.60): VN062401.D (-1228) (-)

Ion 99.90 (99.60 to 100.60): VN062401.D (-1228) (-)

100000

80000

60000

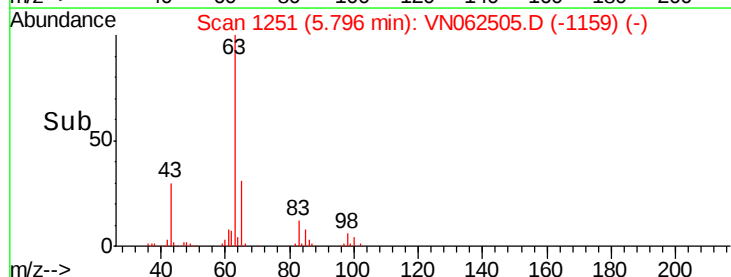
40000

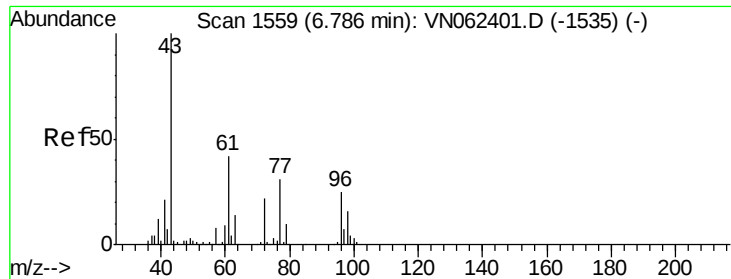
20000

0

5.70 5.80 5.90

Time-->

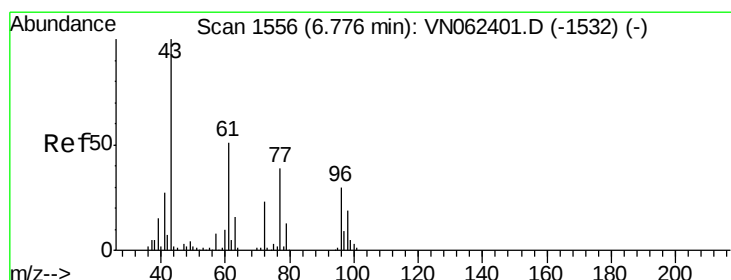
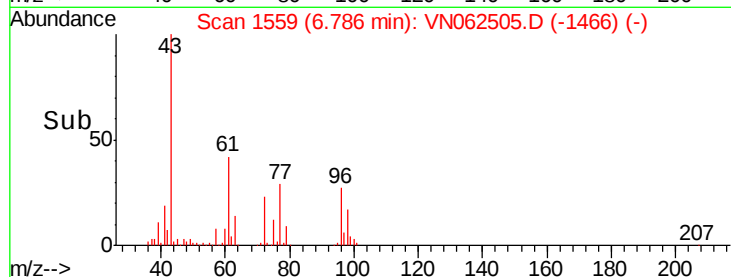
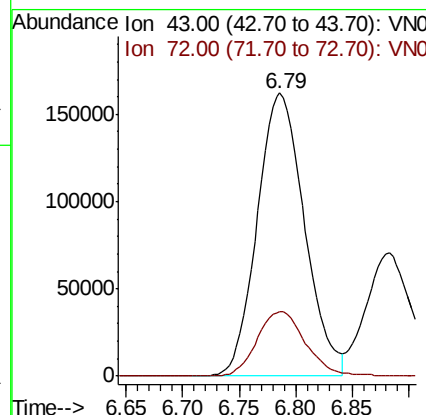
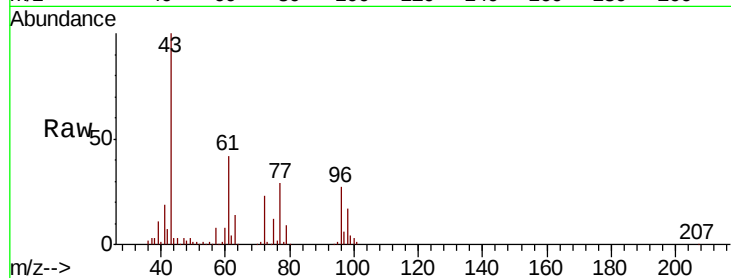




#25
2-Butanone
Concen: 230.436 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VN062505.D
Acq: 10 Jul 2020 20:22

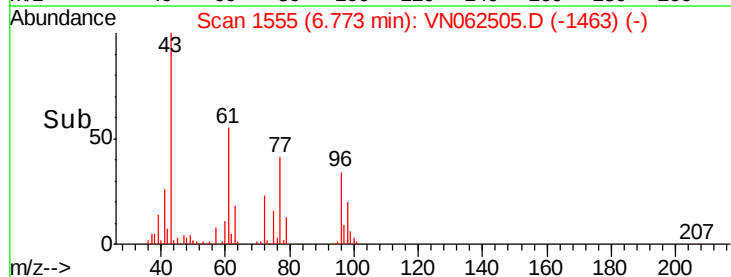
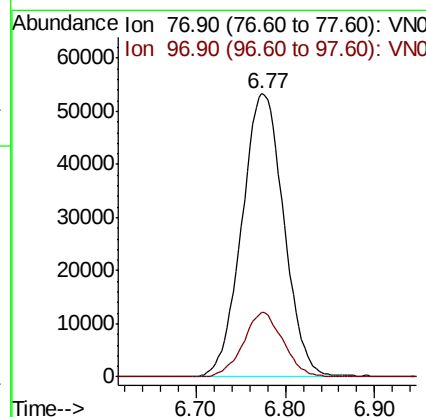
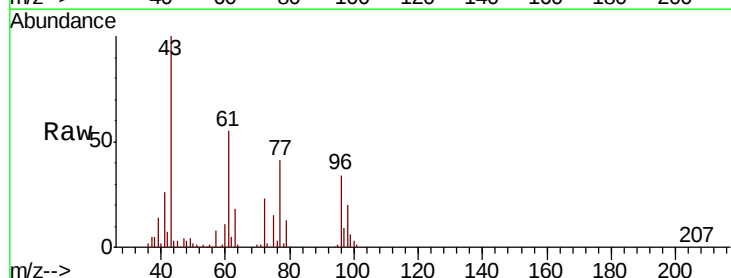
Instrument :
MSVOA_N
ClientSampled :

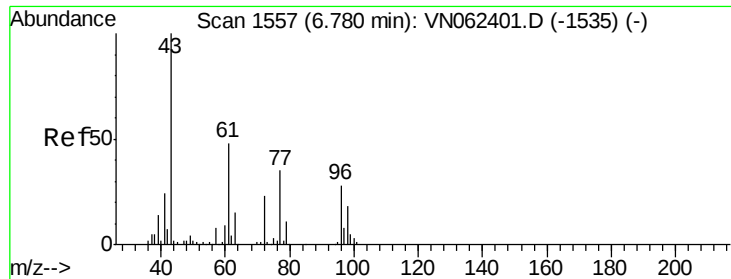
Tot Ion: 43 Resp: 468007
Ion Ratio Lower Upper
43 100
72 22.9 17.9 26.9



#26
2,2-Dichloropropane
Concen: 43.364 ug/l
RT: 6.77 min Scan# 1555
Delta R.T. -0.00 min
Lab File: VN062505.D
Acq: 10 Jul 2020 20:22

Tgt Ion: 77 Resp: 174500
Ion Ratio Lower Upper
77 100
97 21.6 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 48.519 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

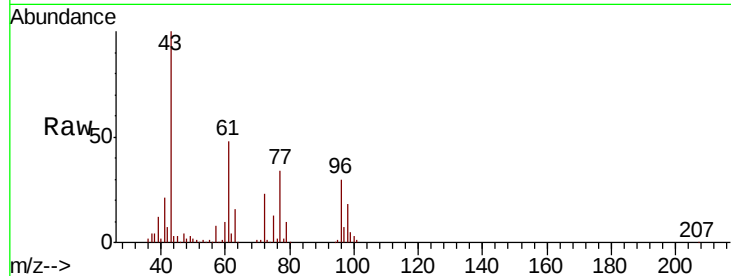
Lab File: VN062505.D

Acq: 10 Jul 2020 20:22

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 133078

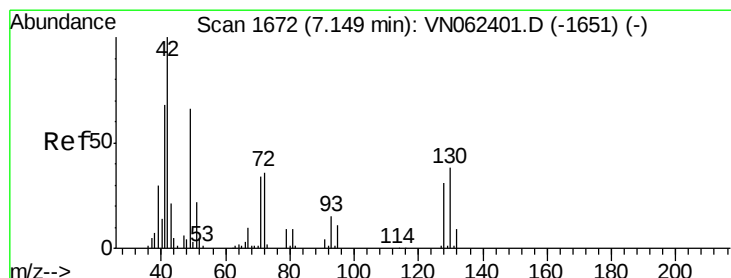
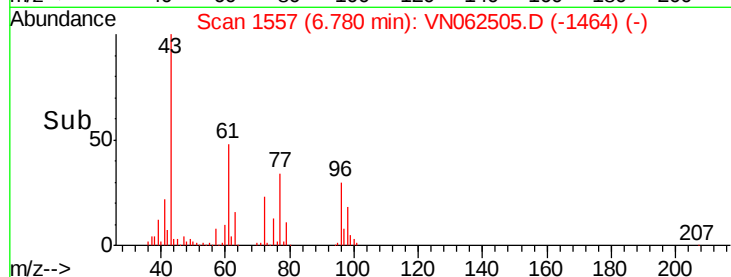
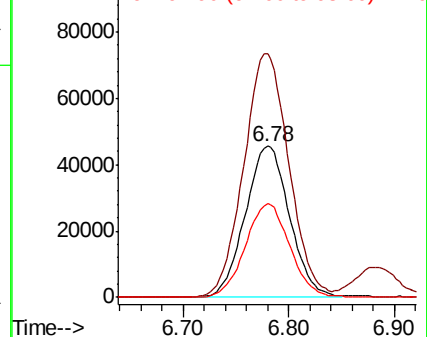
Ion	Ratio	Lower	Upper
96	100		
61	164.6	0.0	343.4
98	62.2	0.0	128.4



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: 45.904 ug/l

RT: 7.15 min Scan# 1672

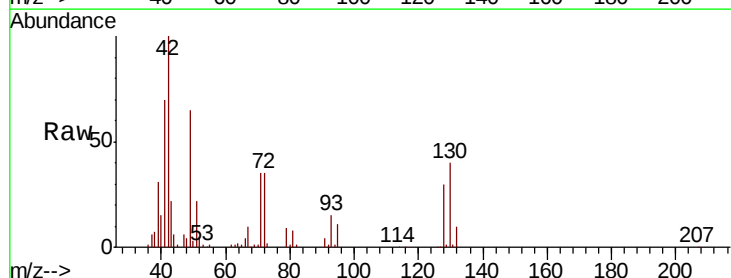
Delta R.T. 0.00 min

Lab File: VN062505.D

Acq: 10 Jul 2020 20:22

Tgt Ion: 49 Resp: 130886

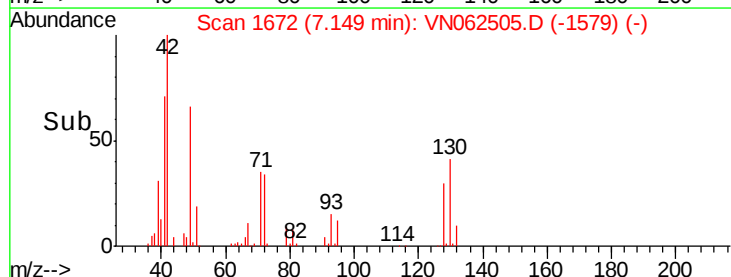
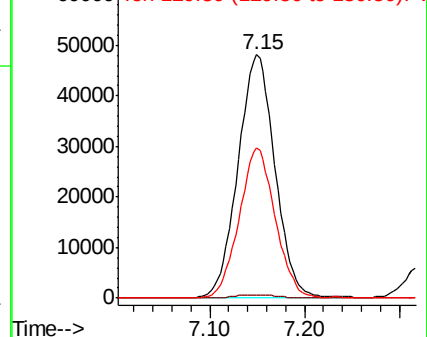
Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	2.8
130	60.1	46.5	69.7

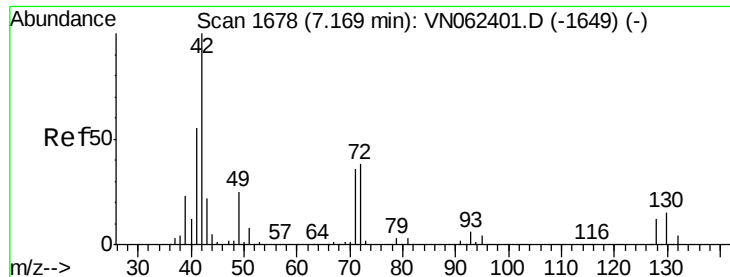


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

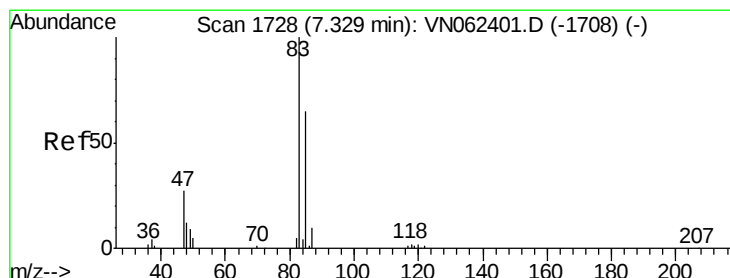
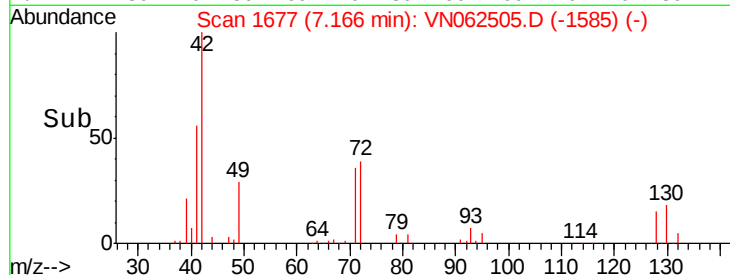
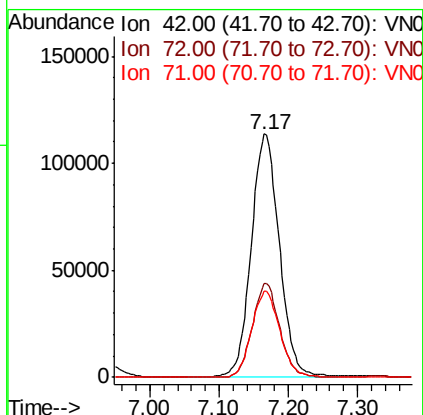
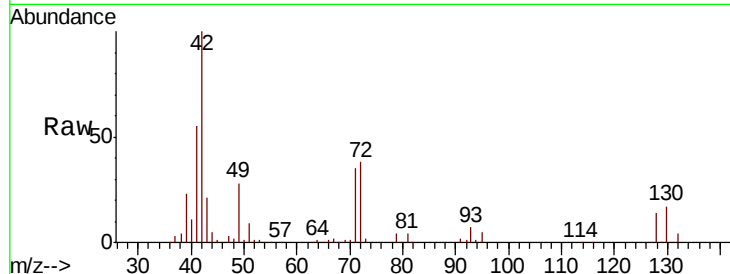




#29
Tetrahydrofuran
Concen: 234.553 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062505.D
Acq: 10 Jul 2020 20:22

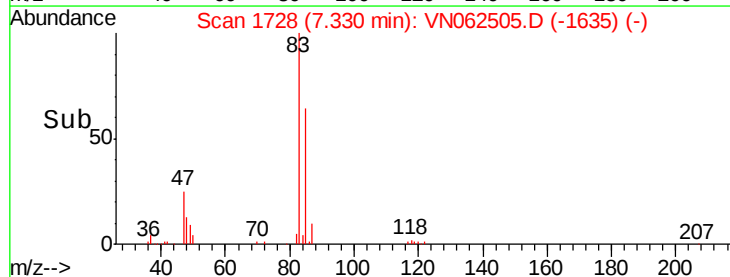
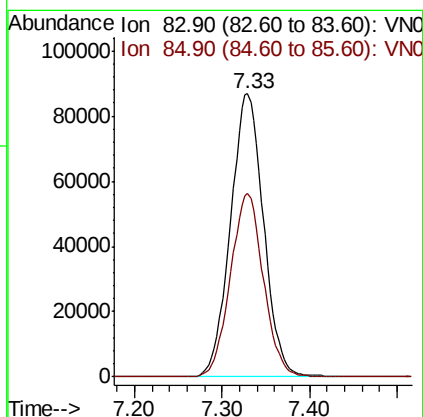
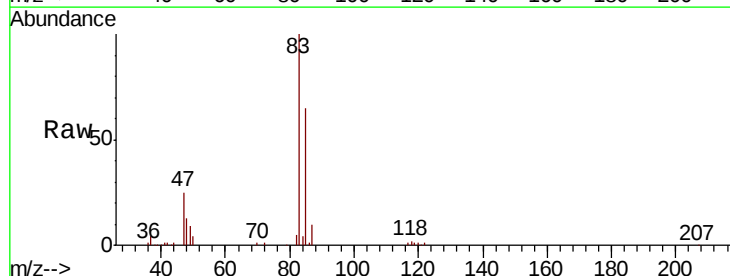
Instrument :
MSVOA_N
ClientSampled :

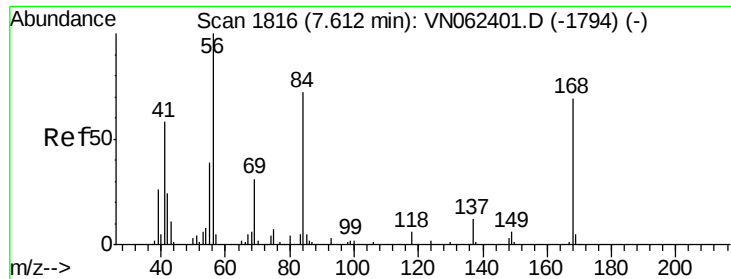
Tot Ion	Ratio	Lower	Upper
42	100		
72	37.1	29.1	43.7
71	35.5	28.1	42.1



#30
Chloroform
Concen: 48.158 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. 0.00 min
Lab File: VN062505.D
Acq: 10 Jul 2020 20:22

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.8	77.6

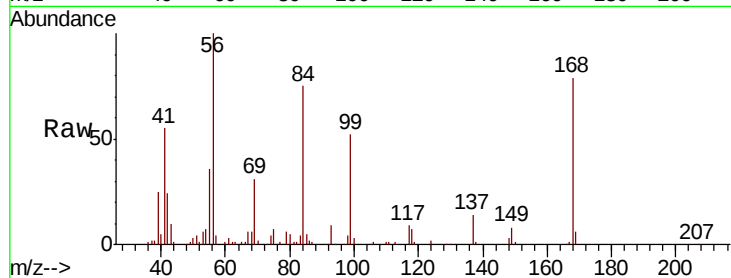




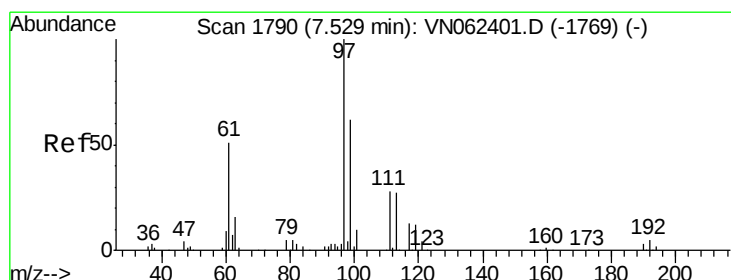
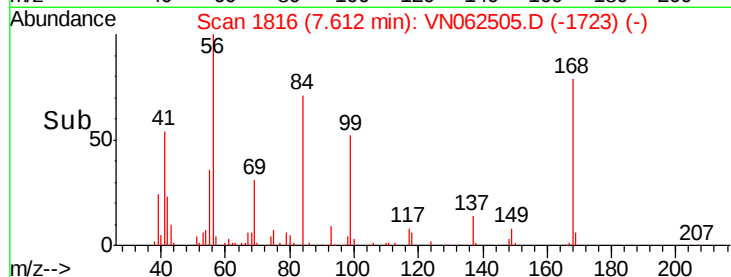
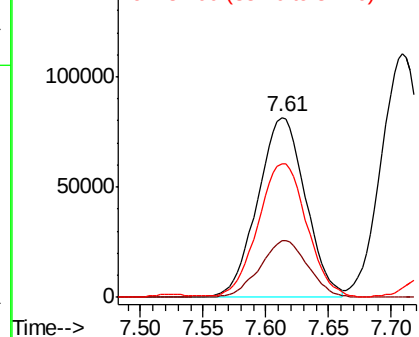
#31
Cyclohexane
Concen: 43.480 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. 0.00 min
Lab File: VN062505.D
Acq: 10 Jul 2020 20:22

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 216329
Ion Ratio Lower Upper
56 100
69 31.3 24.5 36.7
84 73.4 57.4 86.2

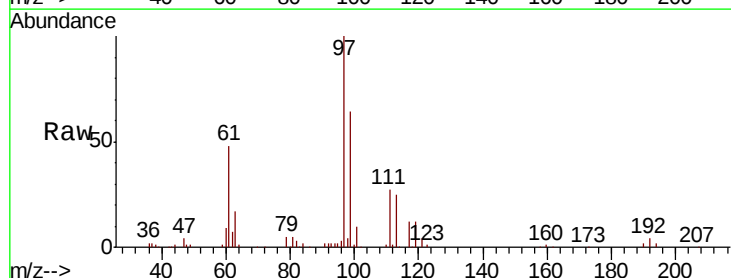


Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 69.00 (68.70 to 69.70): VNO
Ion 84.00 (83.70 to 84.70): VNO

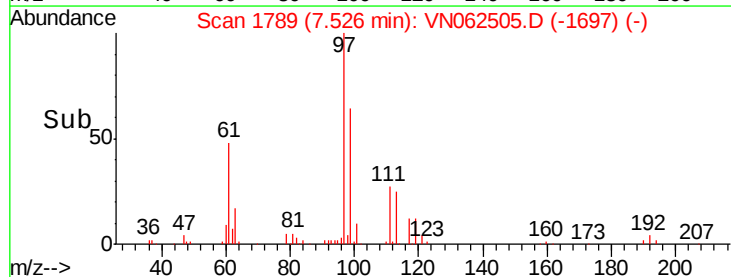
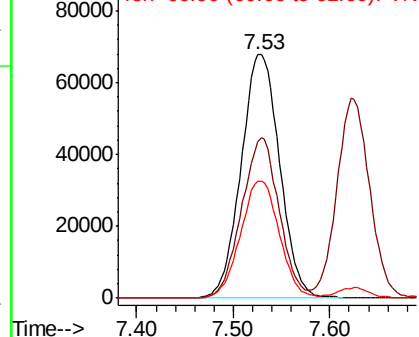


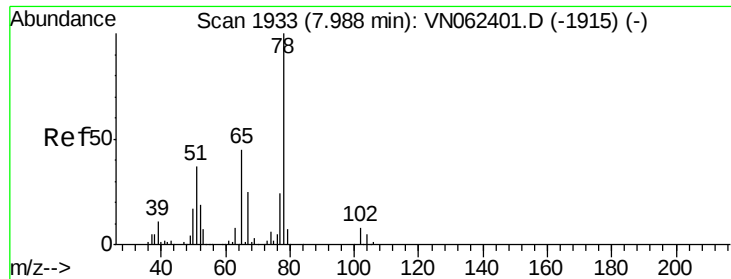
#32
1,1,1-Trichloroethane
Concen: 47.663 ug/l
RT: 7.53 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VN062505.D
Acq: 10 Jul 2020 20:22

Tgt Ion: 97 Resp: 187869
Ion Ratio Lower Upper
97 100
99 63.8 50.4 75.6
61 48.3 39.9 59.9



Abundance Ion 96.90 (96.60 to 97.60): VNO
Ion 98.90 (98.60 to 99.60): VNO
Ion 60.90 (60.60 to 61.60): VNO

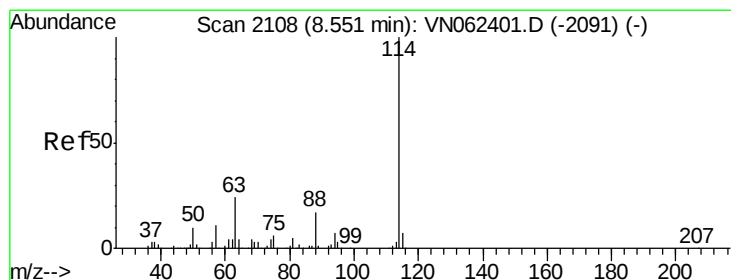
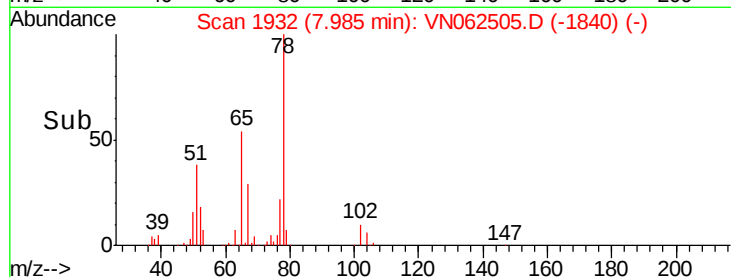
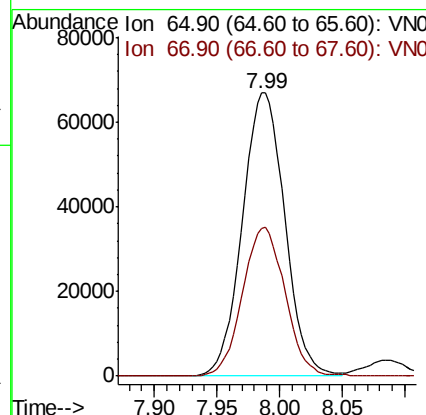
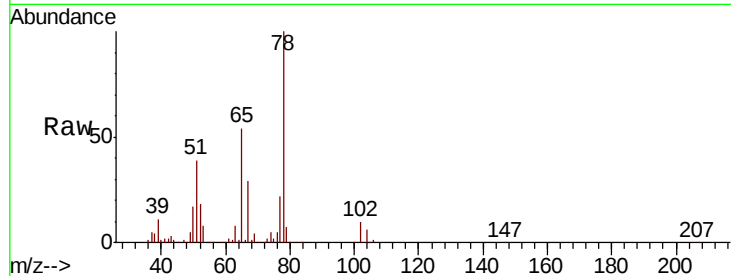




#33
 1,2-Dichloroethane-d4
 Concen: 48.073 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062505.D
 Acq: 10 Jul 2020 20:22

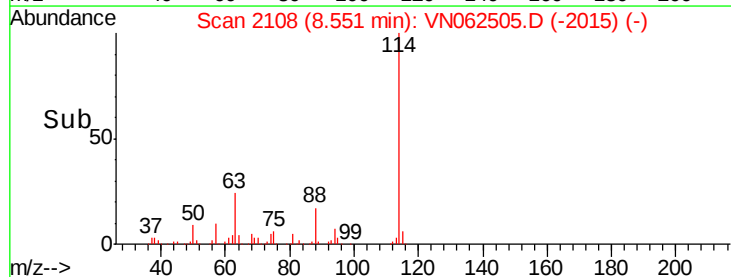
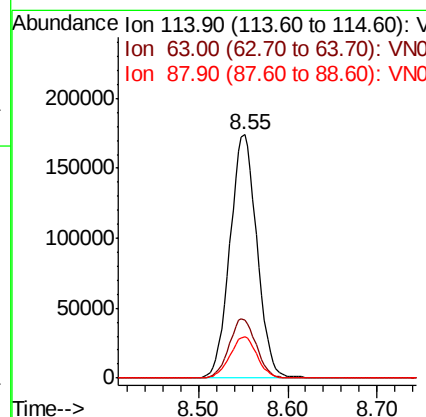
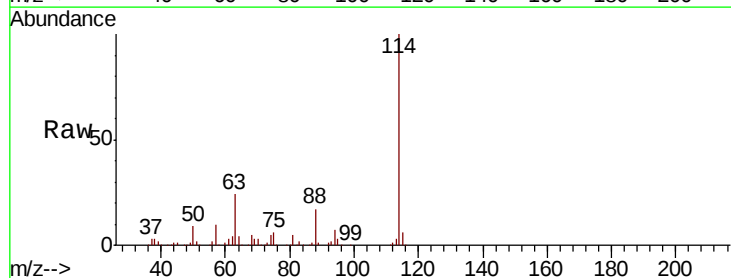
Instrument :
 MSVOA_N
 ClientSampleId :

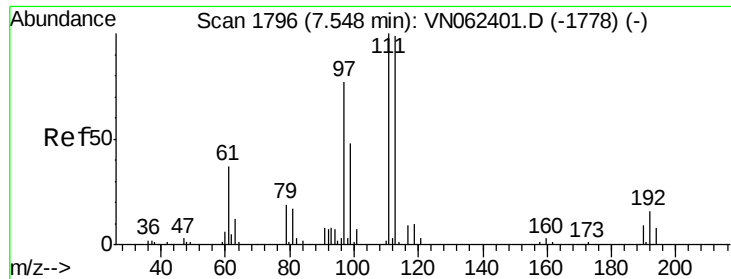
Tot Ion: 65 Resp: 157464
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN062505.D
 Acq: 10 Jul 2020 20:22

Tgt Ion: 114 Resp: 364567
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 48.4
 88 16.8 0.0 33.8

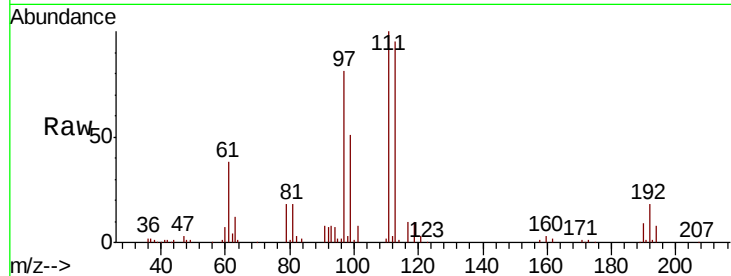




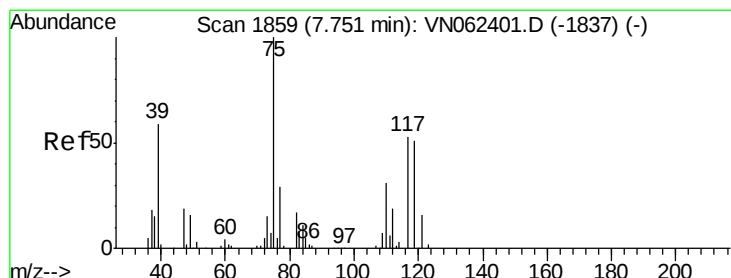
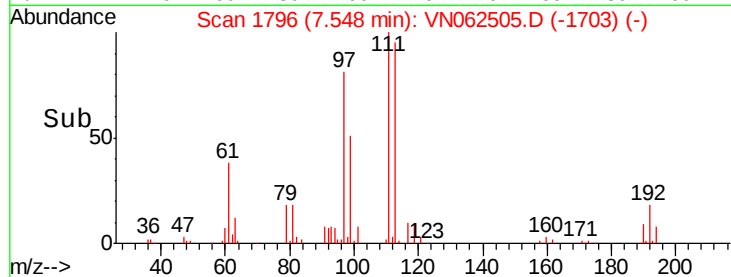
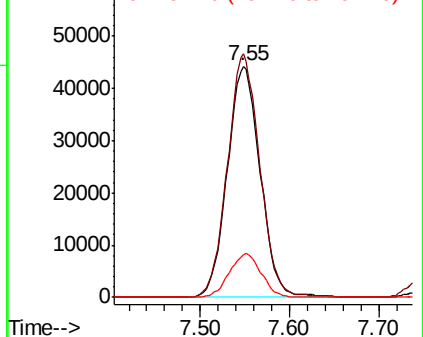
#35
 Dibromofluoromethane
 Concen: 50.015 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN062505.D
 Acq: 10 Jul 2020 20:22

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.6	83.1	124.7
192	18.4	14.1	21.1

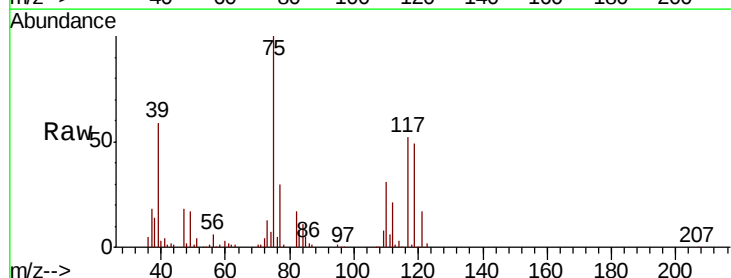


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

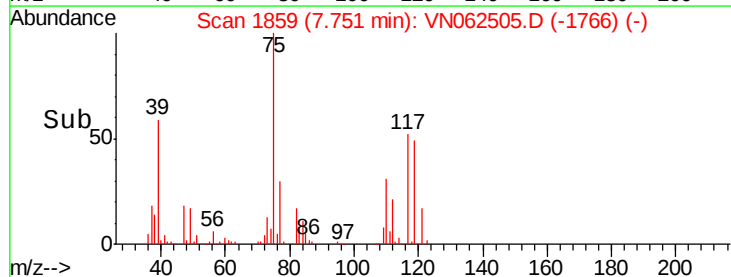
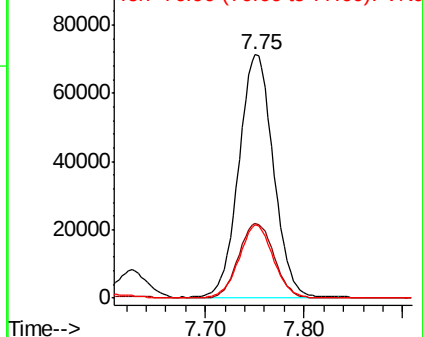


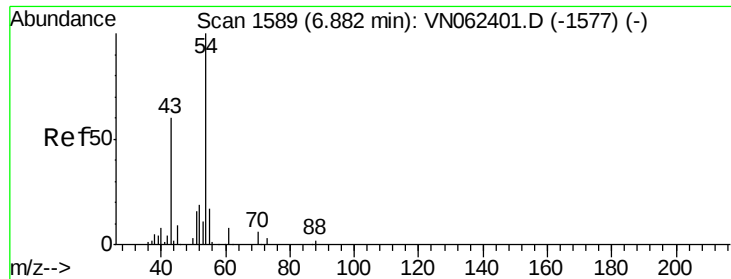
#36
 1,1-Dichloropropene
 Concen: 46.782 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VN062505.D
 Acq: 10 Jul 2020 20:22

Tgt Ion	Ratio	Lower	Upper
75	100		
110	31.8	15.4	46.2
77	30.1	24.1	36.1



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

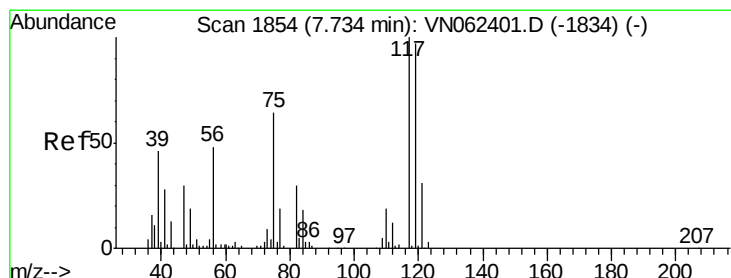
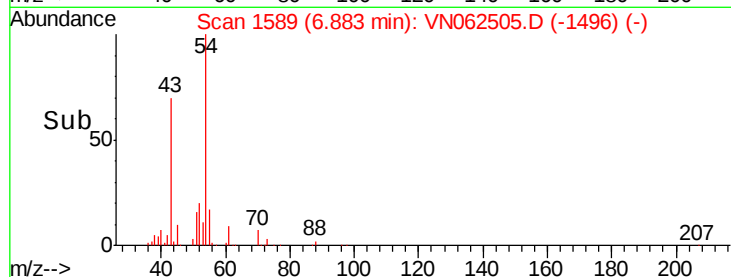
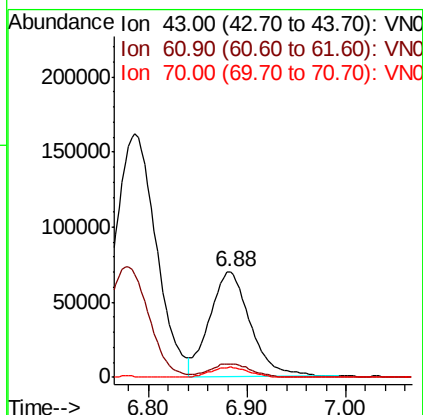
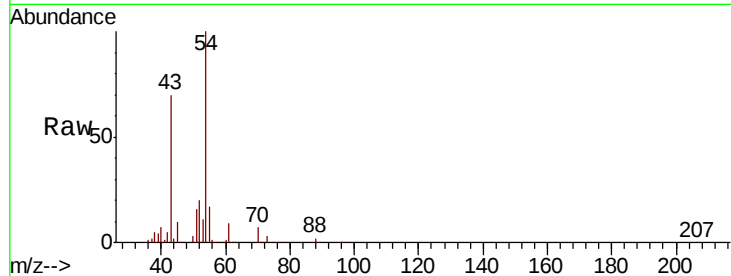




#37
Ethyl Acetate
Concen: 46.765 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. 0.00 min
Lab File: VN062505.D
Acq: 10 Jul 2020 20:22

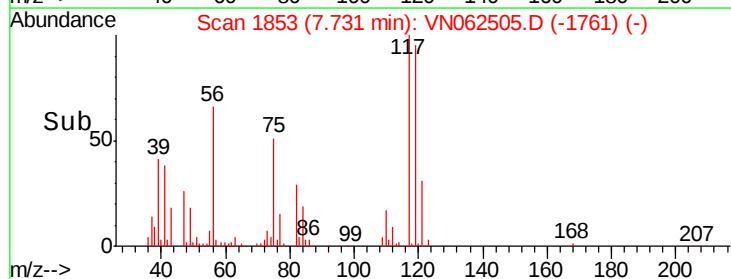
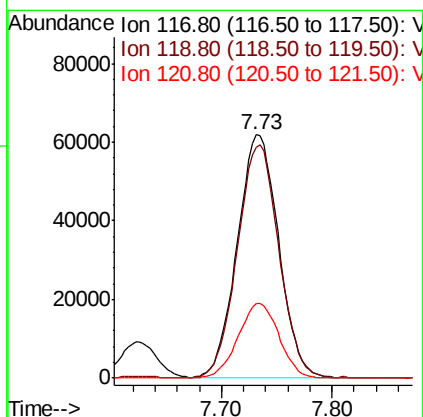
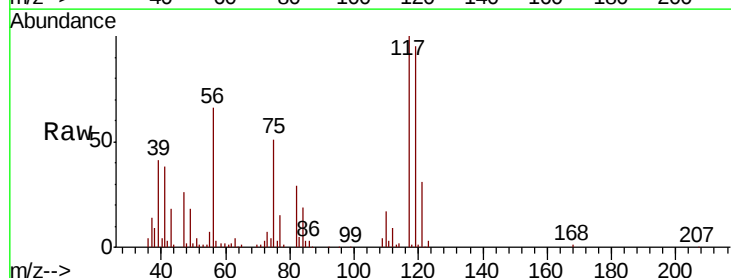
Instrument :
MSVOA_N
ClientSampled :

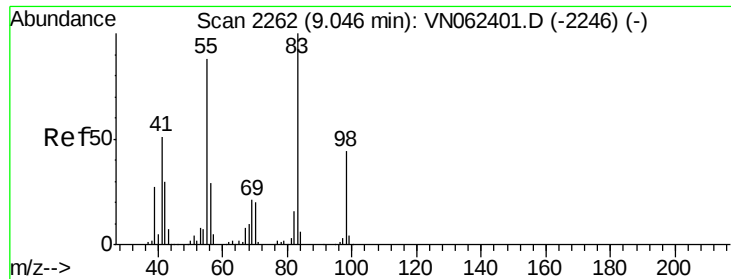
Tot Ion: 43 Resp: 200848
Ion Ratio Lower Upper
43 100
61 13.6 10.7 16.1
70 9.2 7.2 10.8



#38
Carbon Tetrachloride
Concen: 48.355 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062505.D
Acq: 10 Jul 2020 20:22

Tgt Ion: 117 Resp: 159675
Ion Ratio Lower Upper
117 100
119 95.4 77.2 115.8
121 30.7 24.8 37.2

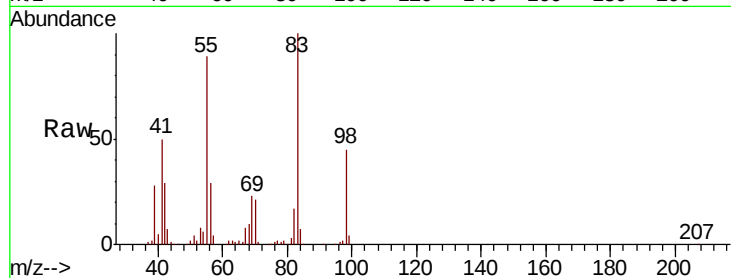




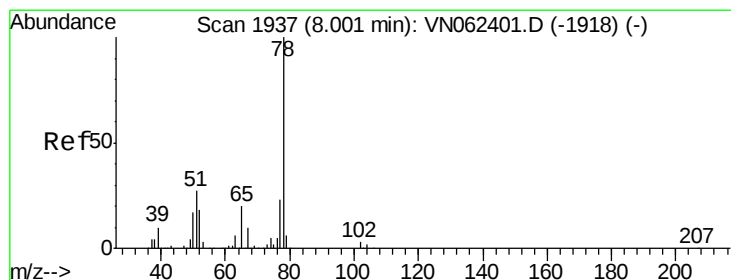
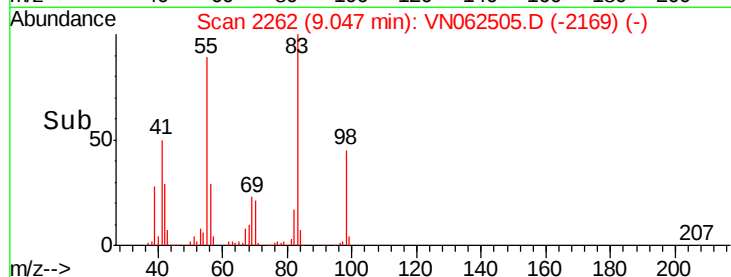
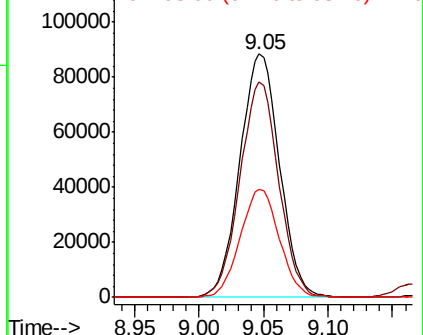
#39
Methvlcvclohexane
Concen: 48.318 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN062505.D
Acq: 10 Jul 2020 20:22

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 83 Resp: 189469
Ion Ratio Lower Upper
83 100
55 88.6 70.5 105.7
98 44.5 35.5 53.3

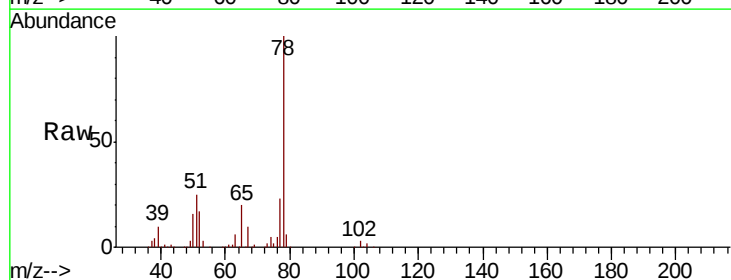


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

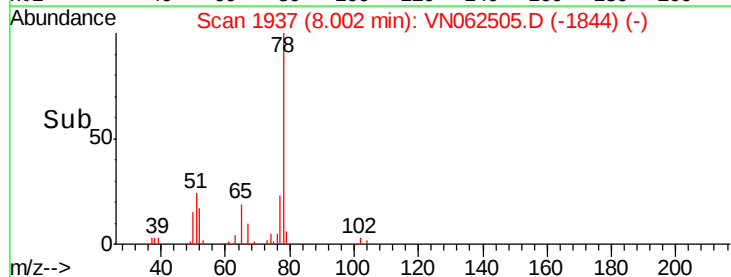
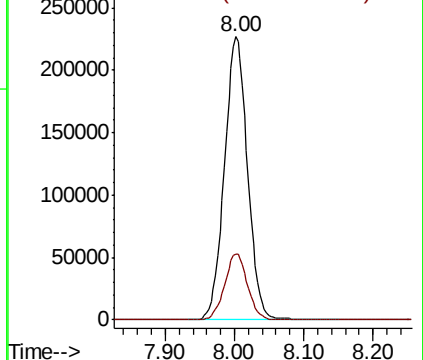


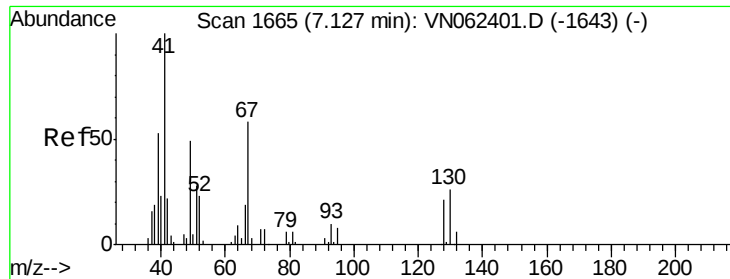
#40
Benzene
Concen: 48.646 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN062505.D
Acq: 10 Jul 2020 20:22

Tgt Ion: 78 Resp: 526594
Ion Ratio Lower Upper
78 100
77 23.4 18.7 28.1



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

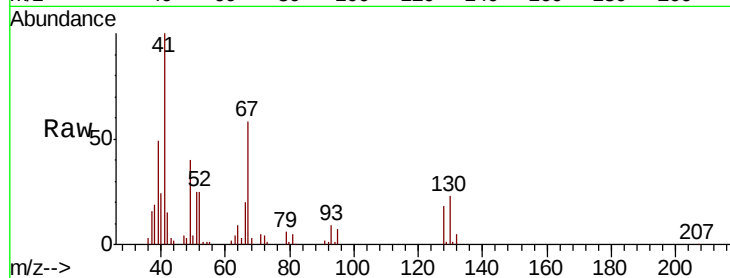




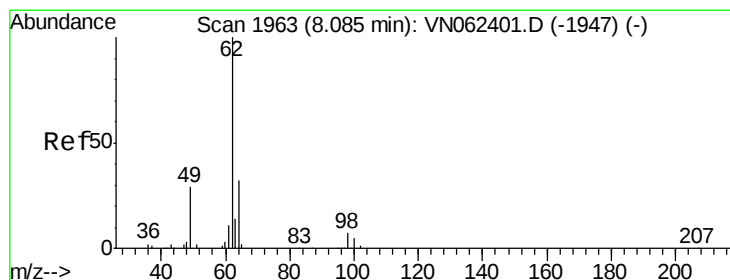
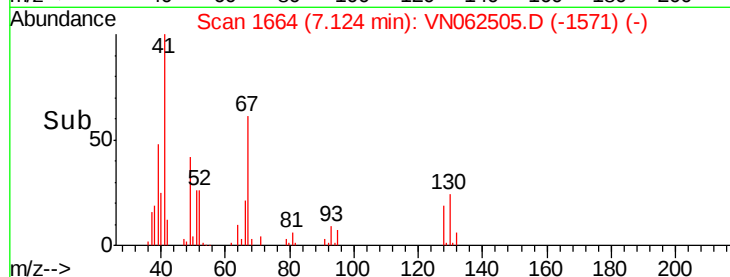
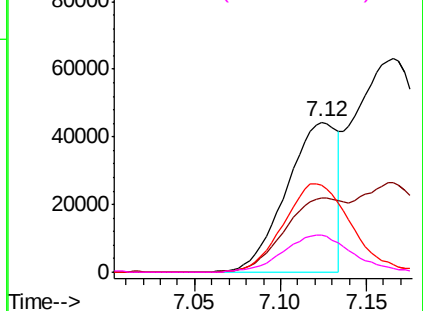
#41
Methacrylonitrile
Concen: 51.046 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. -0.00 min
Lab File: VN062505.D
Acq: 10 Jul 2020 20:22

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 91598
Ion Ratio Lower Upper
41 100
39 59.9 50.2 75.2
67 78.3 64.2 96.2
52 32.3 28.0 42.0

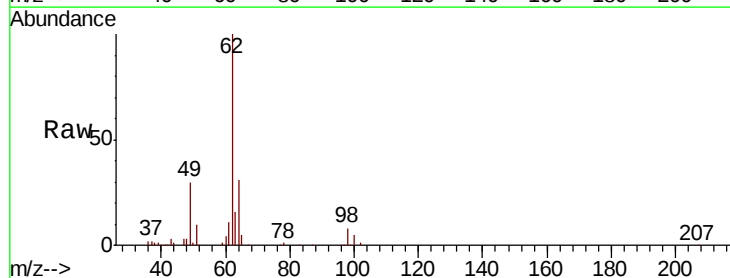


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

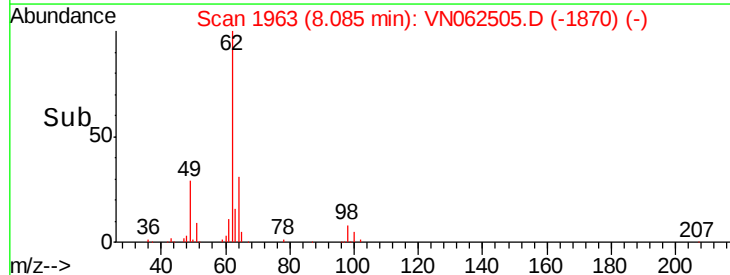
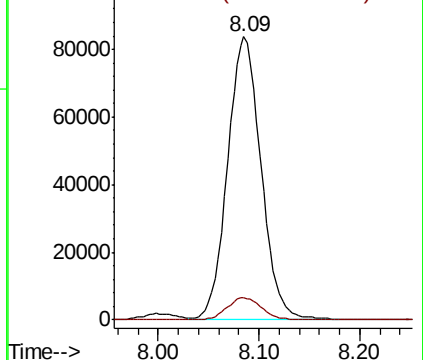


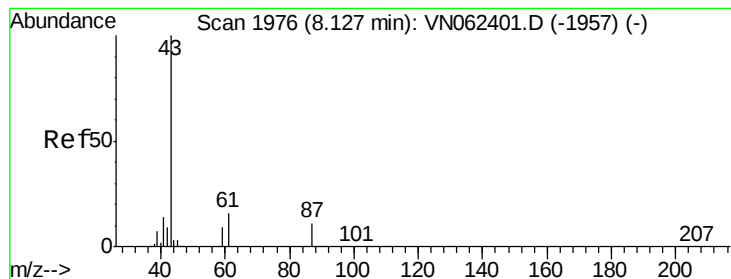
#42
1,2-Dichloroethane
Concen: 48.420 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VN062505.D
Acq: 10 Jul 2020 20:22

Tgt Ion: 62 Resp: 191923
Ion Ratio Lower Upper
62 100
98 8.1 0.0 15.8



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



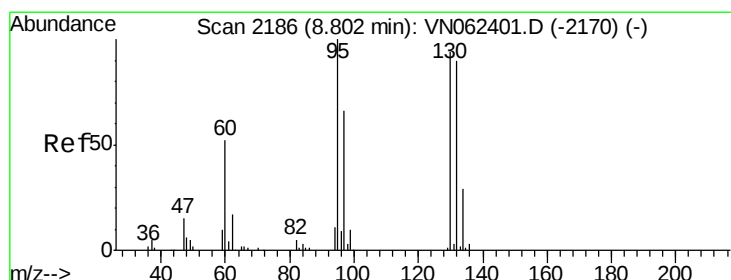
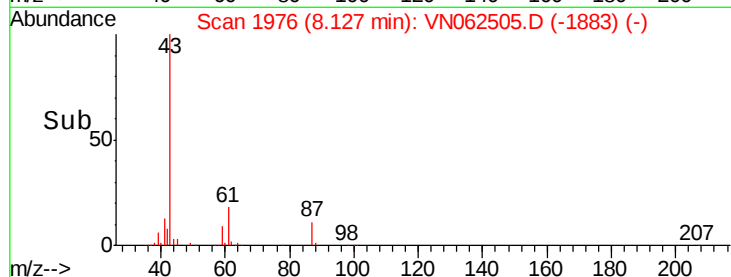
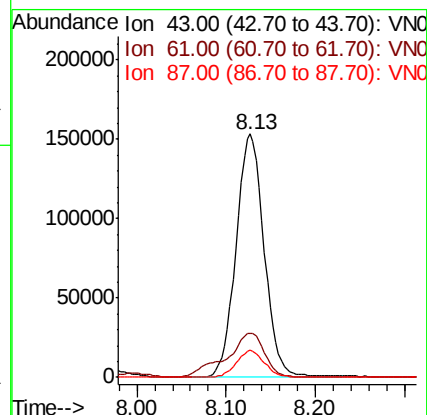
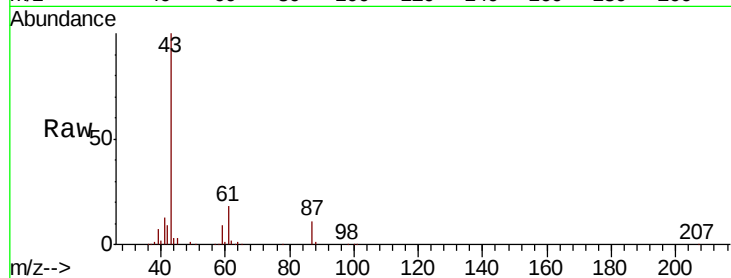


#43

Isopropyl Acetate
 Concen: 49.106 ug/l
 RT: 8.13 min Scan# 1976
 Delta R.T. 0.00 min
 Lab File: VN062505.D
 Acq: 10 Jul 2020 20:22

Instrument :
 MSVOA_N
 ClientSampleId :

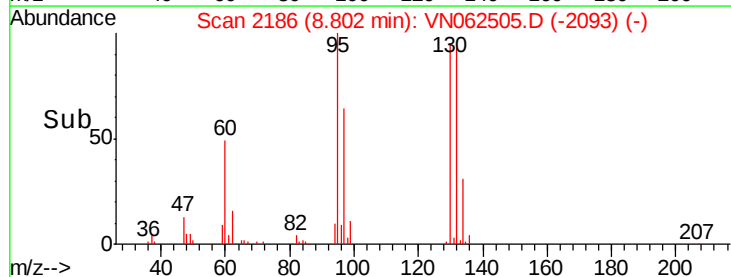
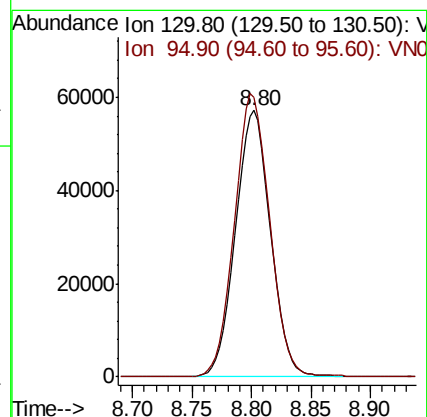
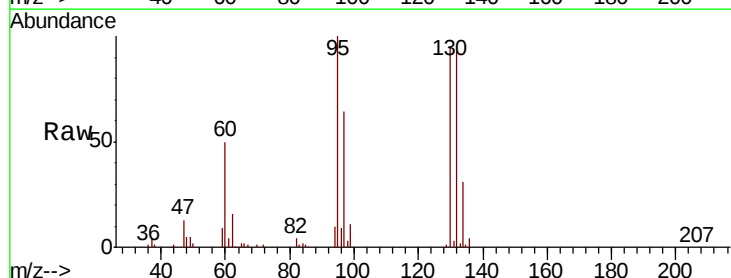
Tot Ion	43	Resp	333168
Ion Ratio	Lower	Upper	
43	100		
61	25.2	19.3	28.9
87	11.0	8.6	13.0

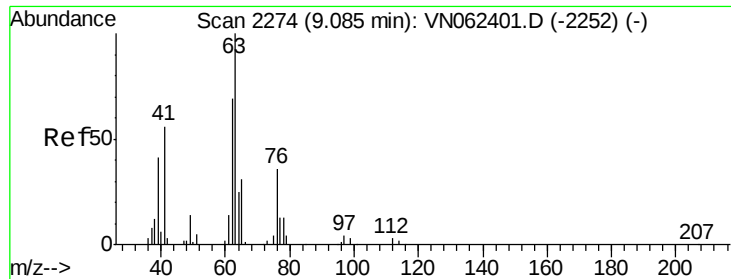


#44

Trichloroethene
 Concen: 48.546 ug/l
 RT: 8.80 min Scan# 2186
 Delta R.T. 0.00 min
 Lab File: VN062505.D
 Acq: 10 Jul 2020 20:22

Tgt Ion	130	Resp	116596
Ion Ratio	Lower	Upper	
130	100		
95	104.9	0.0	213.8





#45

1,2-Dichloropropane

Concen: 48.923 ug/l

RT: 9.09 min Scan# 2274

Delta R.T. 0.00 min

Lab File: VN062505.D

Acq: 10 Jul 2020 20:22

Instrument :

MSVOA_N

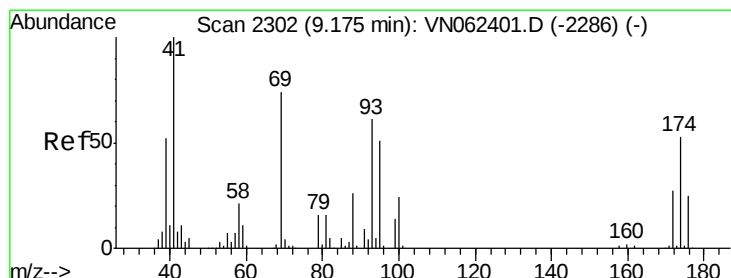
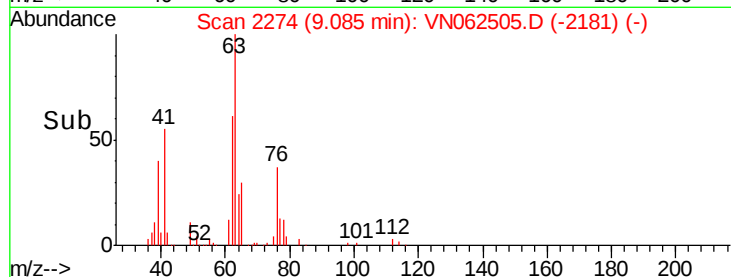
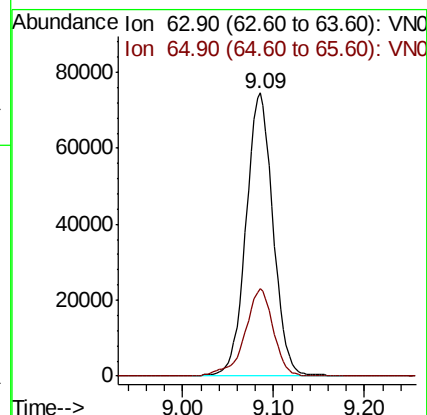
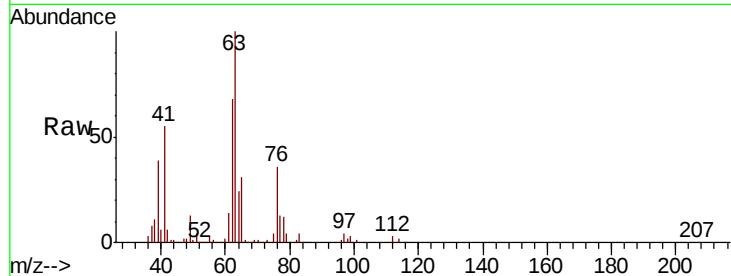
ClientSampleId :

Tot Ion: 63 Resp: 153739

Ion Ratio Lower Upper

63 100

65 30.8 24.6 36.8



#46

Dibromomethane

Concen: 48.326 ug/l

RT: 9.18 min Scan# 2302

Delta R.T. 0.00 min

Lab File: VN062505.D

Acq: 10 Jul 2020 20:22

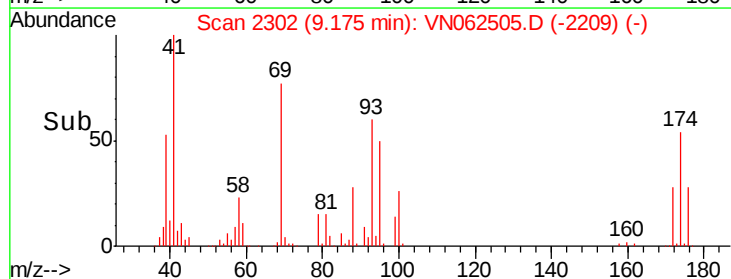
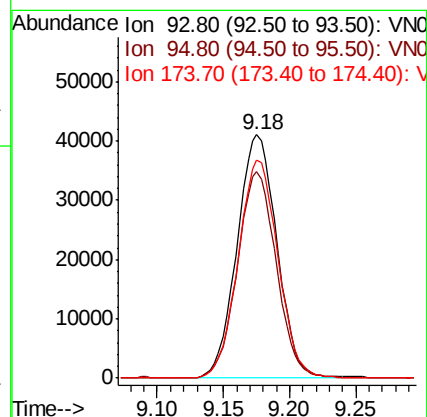
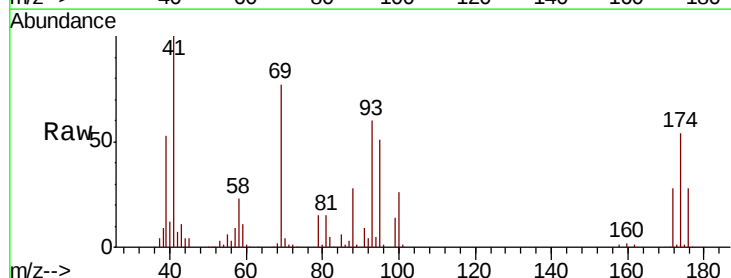
Tgt Ion: 93 Resp: 85699

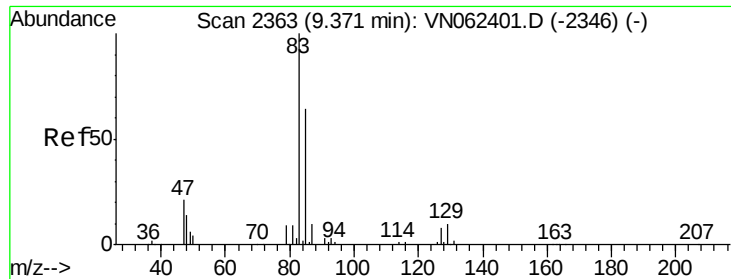
Ion Ratio Lower Upper

93 100

95 83.1 67.1 100.7

174 89.7 70.4 105.6





#47

Bromodichloromethane

Concen: 49.469 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. 0.00 min

Lab File: VN062505.D

Acq: 10 Jul 2020 20:22

Instrument :

MSVOA_N

ClientSampleId :

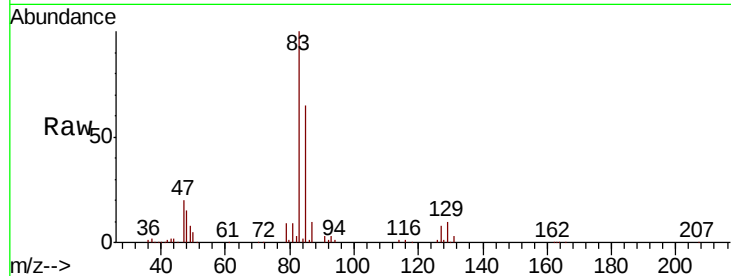
Tot Ion: 83 Resp: 187556

Ion Ratio Lower Upper

83 100

85 64.7 51.2 76.8

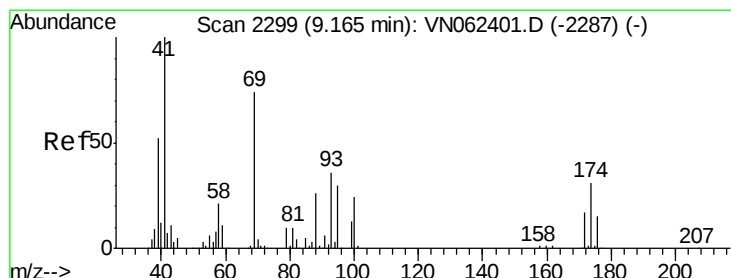
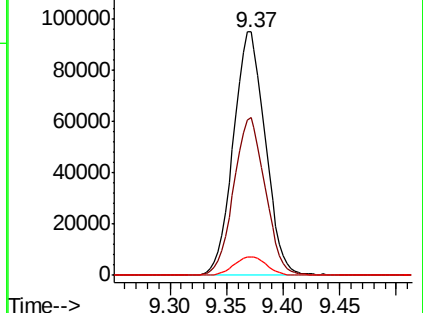
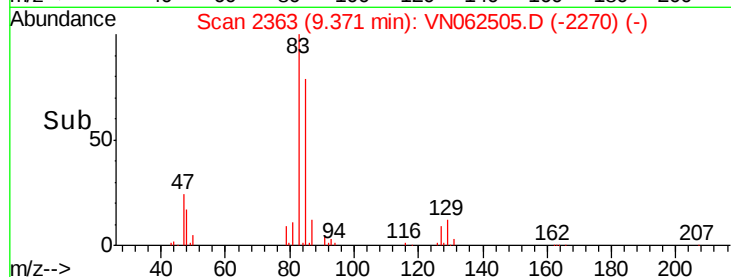
127 7.7 6.2 9.2



Abundance Ion 82.90 (82.60 to 83.60): VN062505.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN062505.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN062505.D (-2270) (-)



#48

Methyl methacrylate

Concen: 48.334 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. 0.00 min

Lab File: VN062505.D

Acq: 10 Jul 2020 20:22

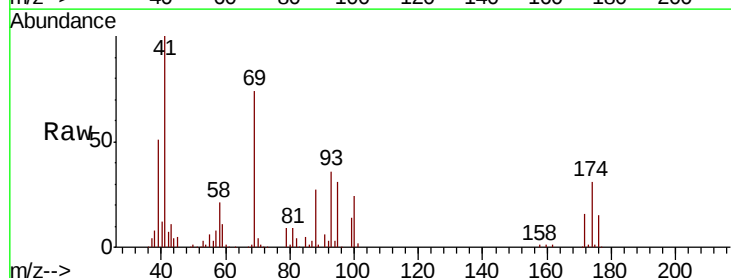
Tgt Ion: 41 Resp: 160860

Ion Ratio Lower Upper

41 100

69 77.4 60.8 91.2

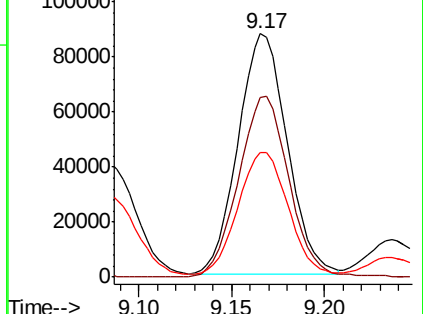
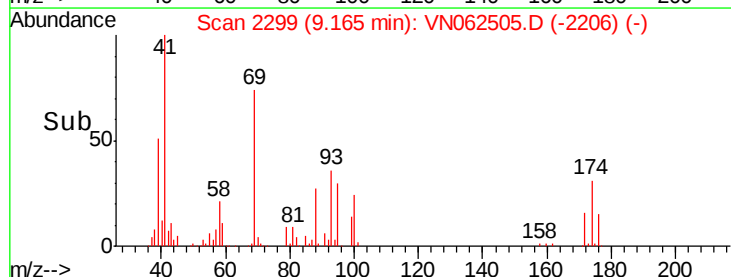
39 51.6 43.5 65.3

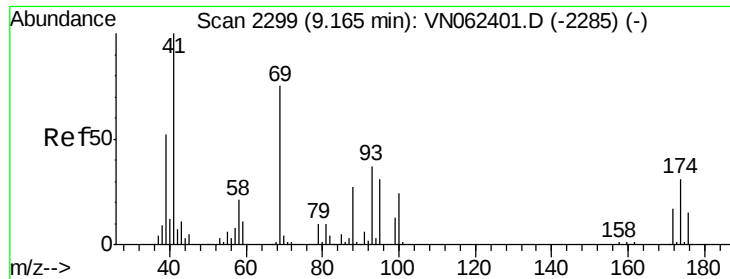


Abundance Ion 41.00 (40.70 to 41.70): VN062505.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN062505.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN062505.D (-2206) (-)



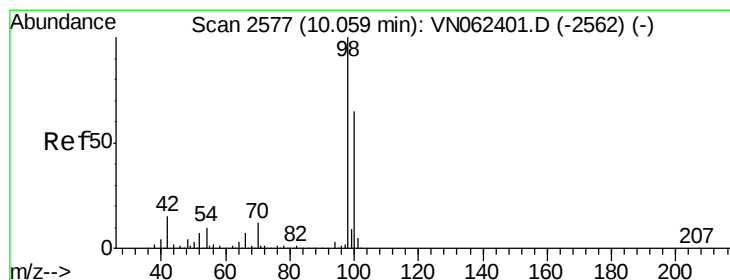
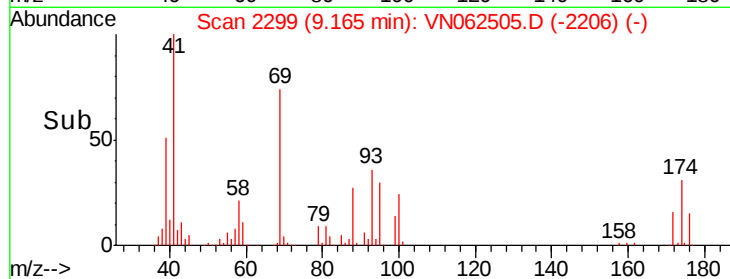
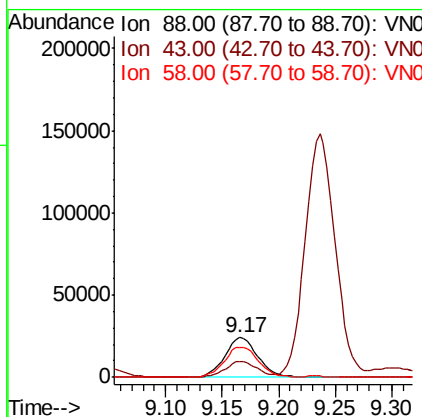
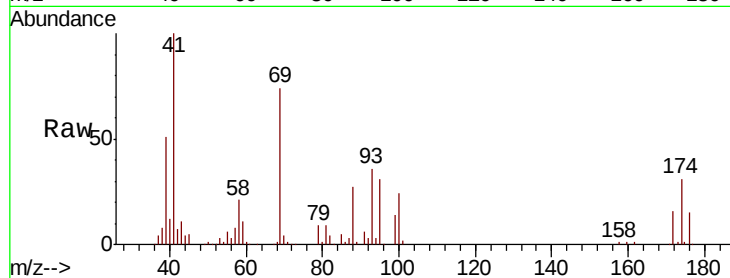


#49
 1,4-Dioxane
 Concen: 1020.980 ug/l
 RT: 9.17 min Scan# 2299
 Delta R.T. 0.00 min
 Lab File: VN062505.D
 Acq: 10 Jul 2020 20:22

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 88 Resp: 49457

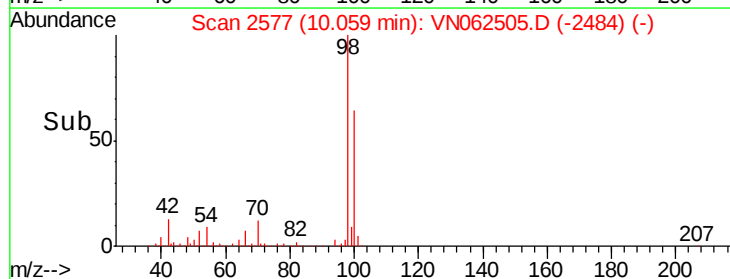
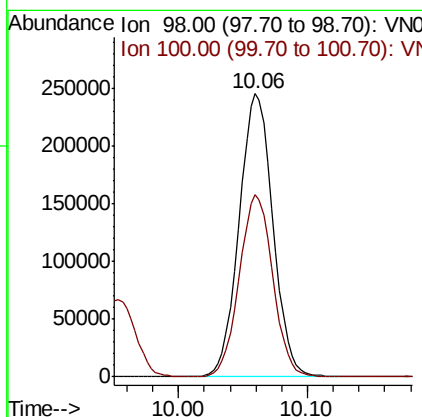
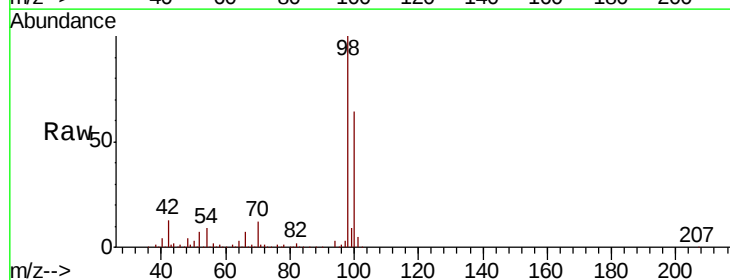
Ion	Ratio	Lower	Upper
88	100		
43	36.9	31.0	46.4
58	78.0	63.3	94.9



#50
 Toluene-d8
 Concen: 50.216 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. 0.00 min
 Lab File: VN062505.D
 Acq: 10 Jul 2020 20:22

Tgt Ion: 98 Resp: 446728

Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.5	77.3





#51

4-Methyl-2-Pentanone

Concen: 250.731 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. 0.00 min

Lab File: VN062505.D

Acq: 10 Jul 2020 20:22

Instrument :

MSVOA_N

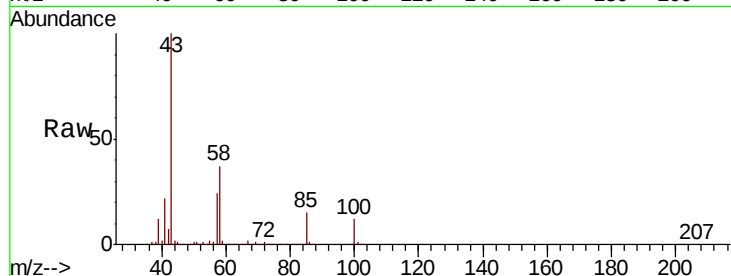
ClientSampleId :

Tot Ion: 43 Resp: 1016046

Ion Ratio Lower Upper

43 100

58 36.7 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VN062401.D (-2527) (-)

Ion 58.00 (57.70 to 58.70): VN062401.D (-2527) (-)

9.95

600000

500000

400000

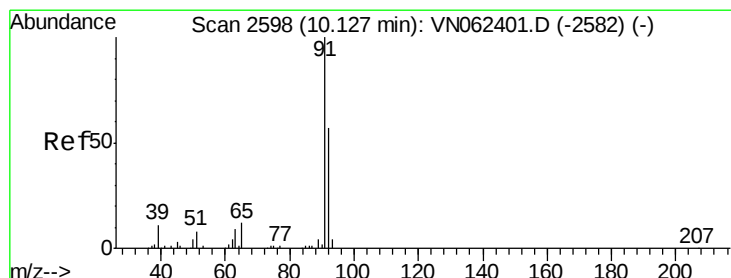
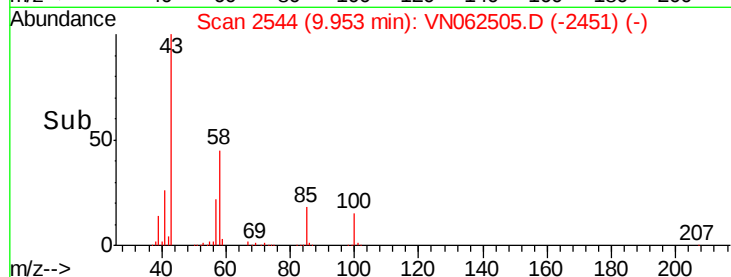
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 49.804 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062505.D

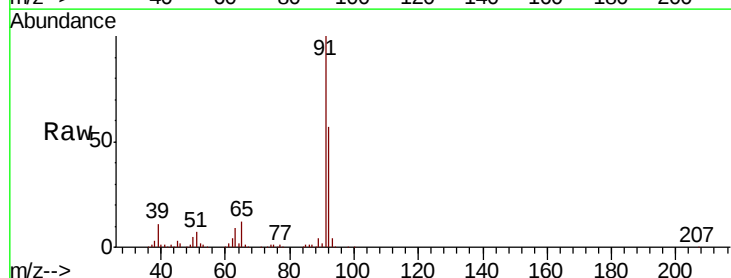
Acq: 10 Jul 2020 20:22

Tgt Ion: 92 Resp: 311410

Ion Ratio Lower Upper

92 100

91 174.0 141.0 211.6



Abundance Ion 92.00 (91.70 to 92.70): VN062401.D (-2582) (-)

Ion 91.00 (90.70 to 91.70): VN062401.D (-2582) (-)

10.12

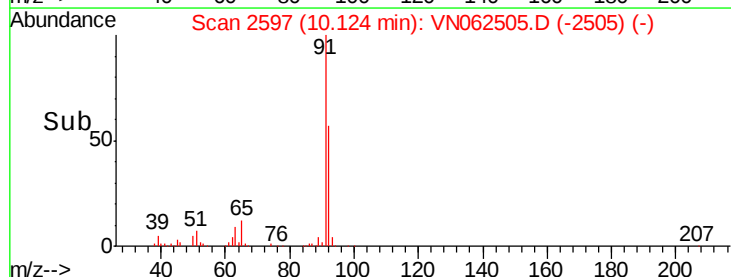
300000

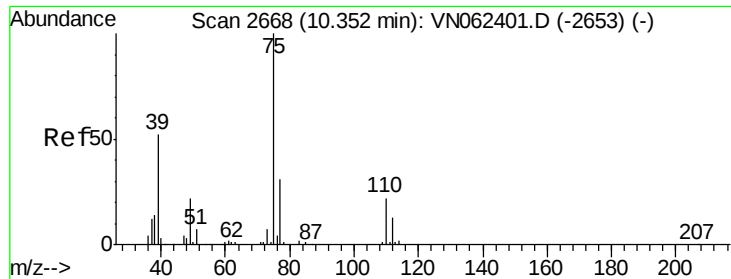
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 49.615 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. 0.00 min

Lab File: VN062505.D

Acq: 10 Jul 2020 20:22

Instrument :

MSVOA_N

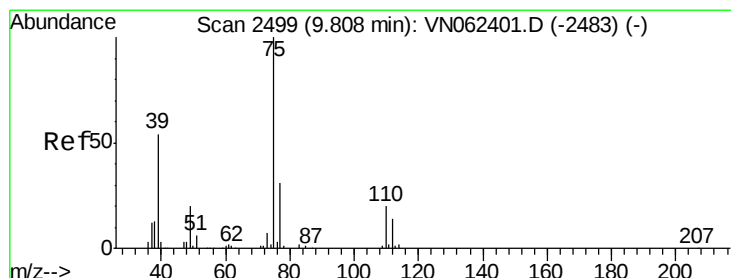
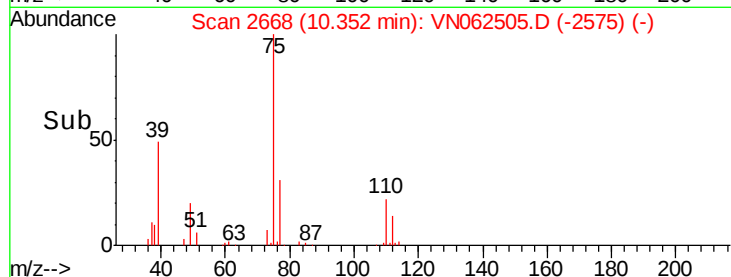
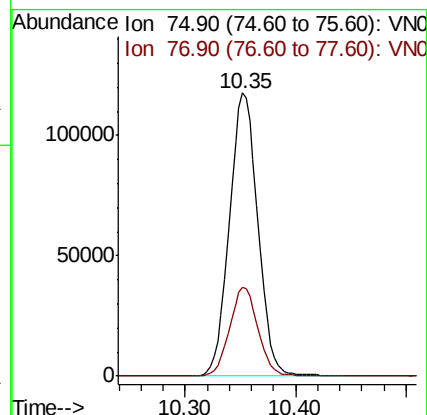
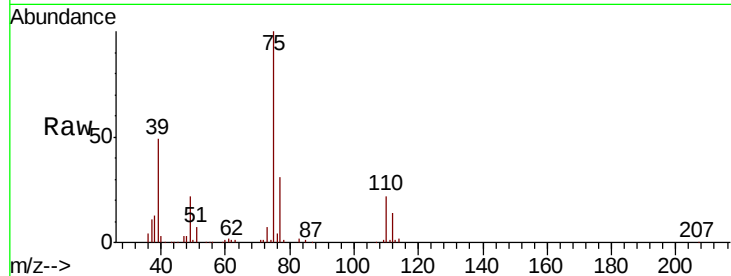
ClientSampled :

Tot Ion: 75 Resp: 210747

Ion Ratio Lower Upper

75 100

77 31.4 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 48.431 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. 0.00 min

Lab File: VN062505.D

Acq: 10 Jul 2020 20:22

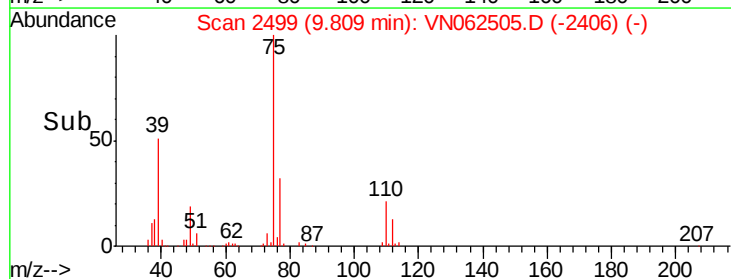
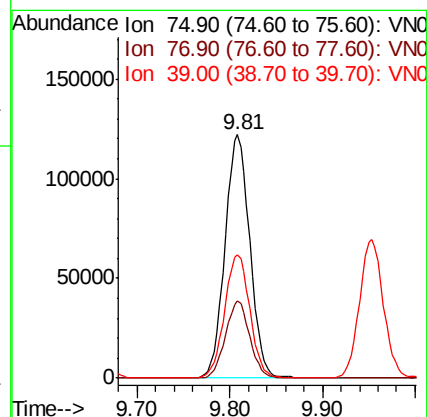
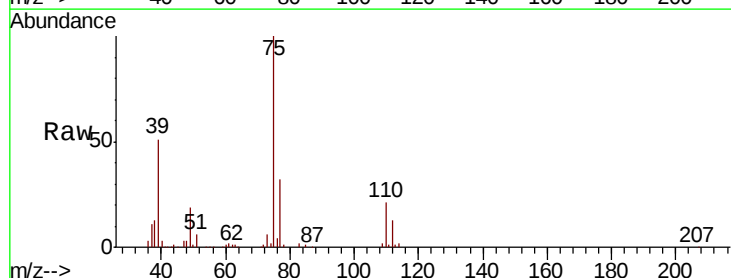
Tgt Ion: 75 Resp: 226979

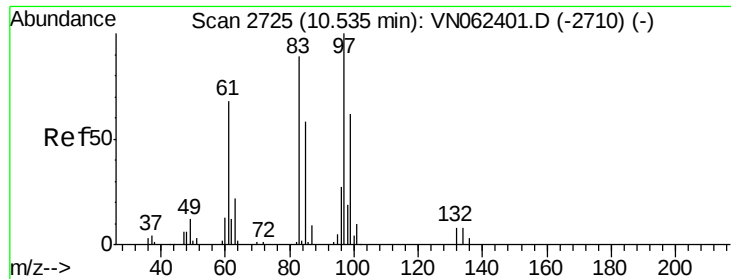
Ion Ratio Lower Upper

75 100

77 31.8 24.5 36.7

39 50.9 43.4 65.0

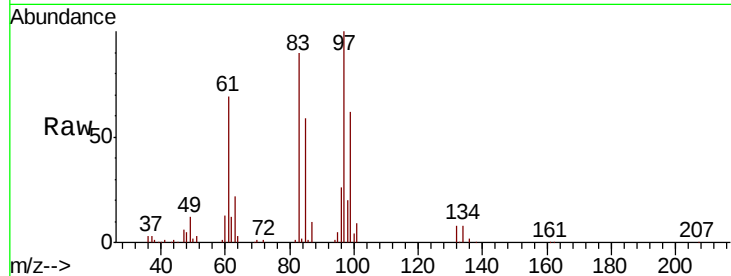




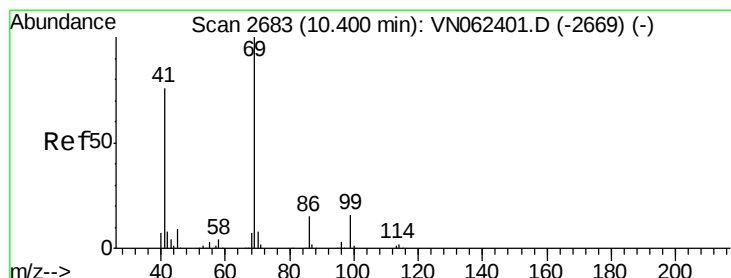
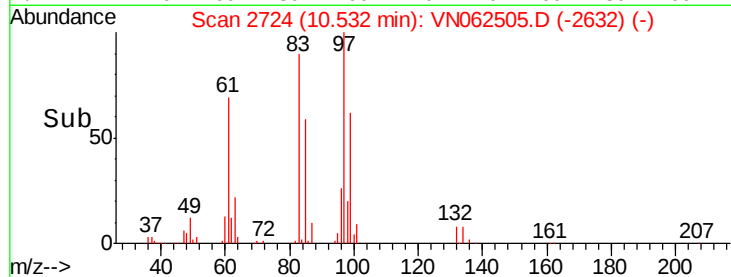
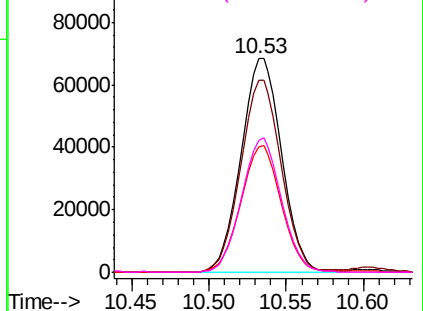
#55
 1,1,2-Trichloroethane
 Concen: 50.814 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062505.D
 Acq: 10 Jul 2020 20:22

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:	97	Resp:	124961
Ion	Ratio	Lower	Upper
97	100		
83	90.1	71.0	106.4
85	58.9	46.2	69.4
99	61.9	49.7	74.5

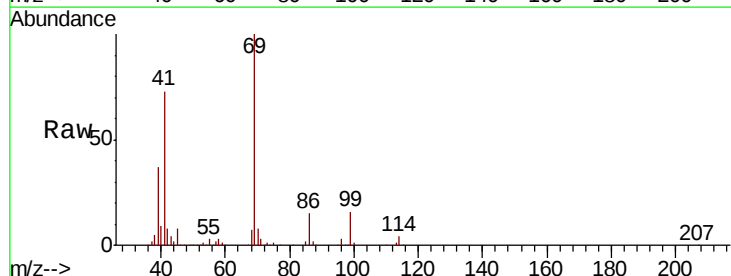


Abundance Ion 96.90 (96.60 to 97.60): VN0
 Ion 82.90 (82.60 to 83.60): VN0
 Ion 84.90 (84.60 to 85.60): VN0
 Ion 98.90 (98.60 to 99.60): VN0

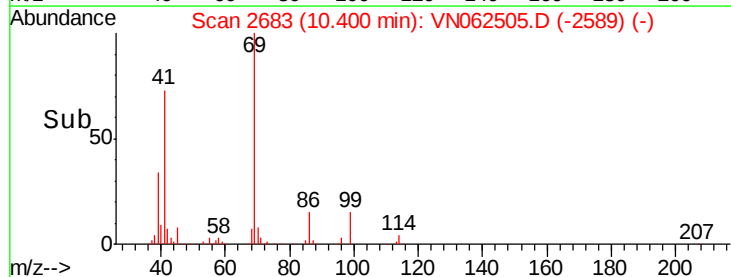
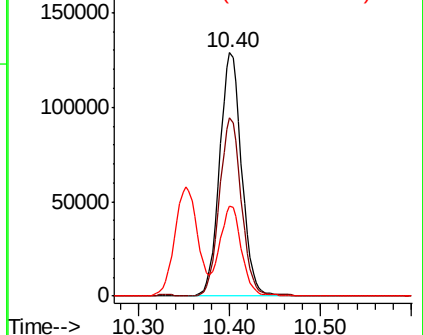


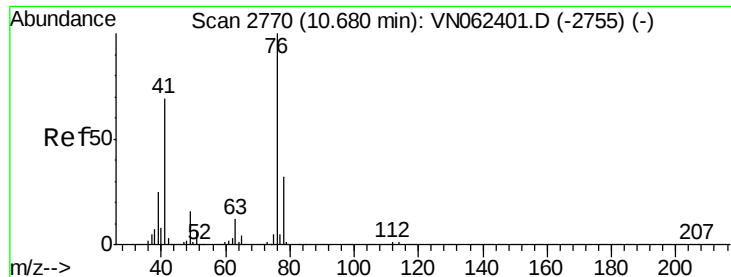
#56
 Ethyl methacrylate
 Concen: 48.071 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN062505.D
 Acq: 10 Jul 2020 20:22

Tgt Ion:	69	Resp:	217251
Ion	Ratio	Lower	Upper
69	100		
41	72.3	59.7	89.5
39	36.1	30.6	45.8



Abundance Ion 69.00 (68.70 to 69.70): VN0
 Ion 41.00 (40.70 to 41.70): VN0
 Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 50.293 ug/l

RT: 10.68 min Scan# 2770

Delta R.T. 0.00 min

Lab File: VN062505.D

Acq: 10 Jul 2020 20:22

Instrument :

MSVOA_N

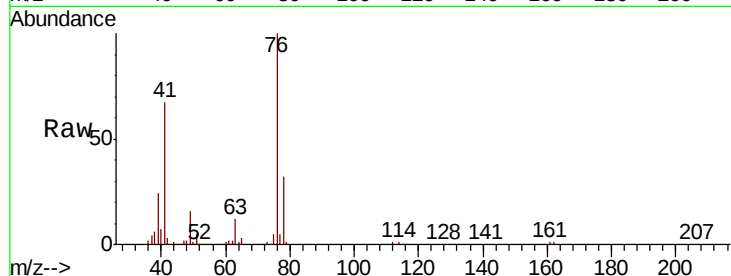
ClientSampled :

Tot Ion: 76 Resp: 228499

Ion Ratio Lower Upper

76 100

78 32.2 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VN062401.D (-2755) (-)

Ion 77.90 (77.60 to 78.60): VN062401.D (-2755) (-)

10.68

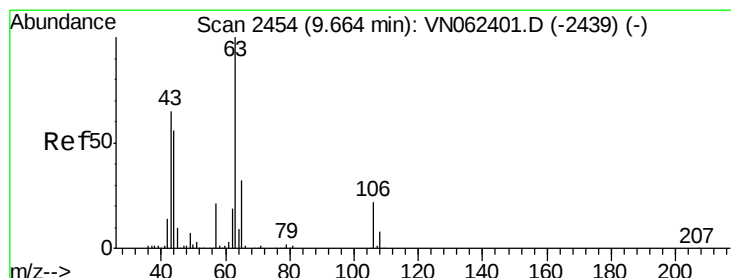
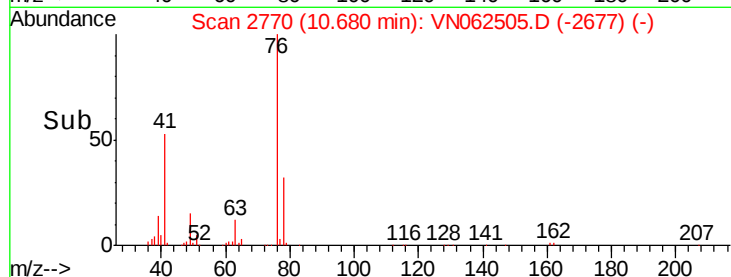
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 265.507 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VN062505.D

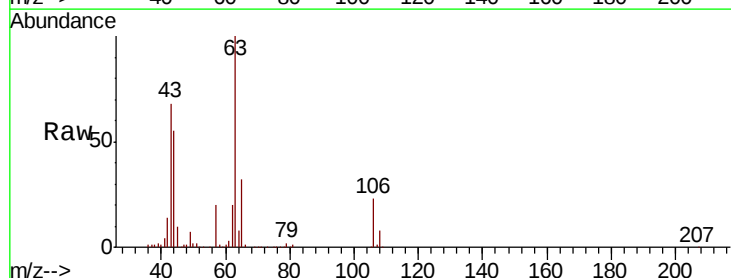
Acq: 10 Jul 2020 20:22

Tgt Ion: 63 Resp: 387362

Ion Ratio Lower Upper

63 100

106 23.2 17.6 26.4



Abundance Ion 62.90 (62.60 to 63.60): VN062401.D (-2439) (-)

Ion 105.90 (105.60 to 106.60): VN062401.D (-2439) (-)

9.66

250000

200000

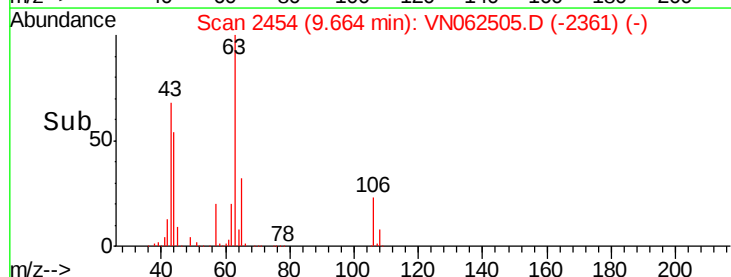
150000

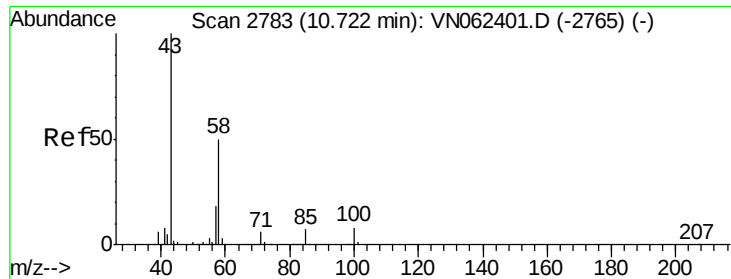
100000

50000

0

Time-->

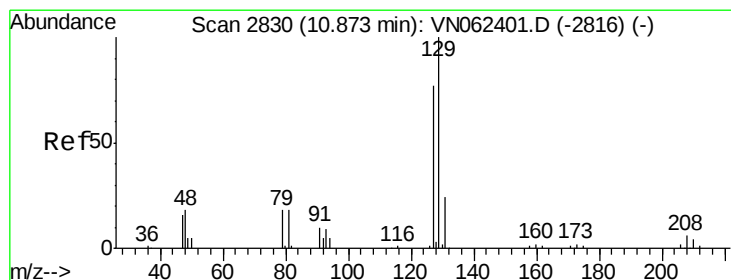
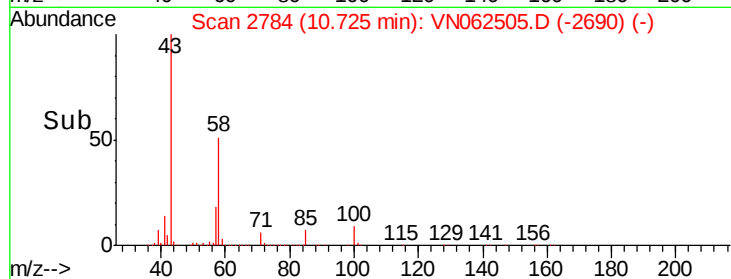
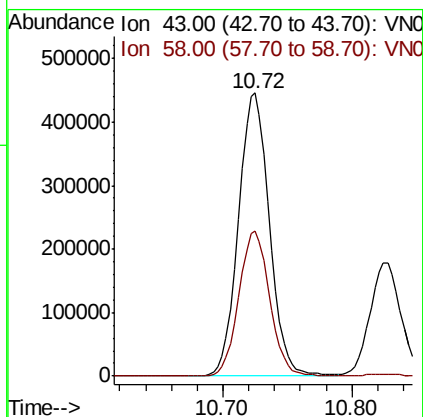
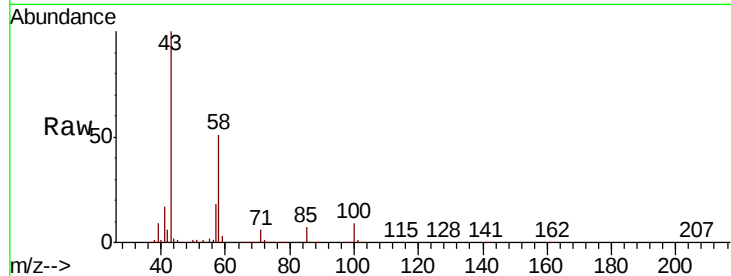




#59
2-Hexanone
Concen: 252.357 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN062505.D
Acq: 10 Jul 2020 20:22

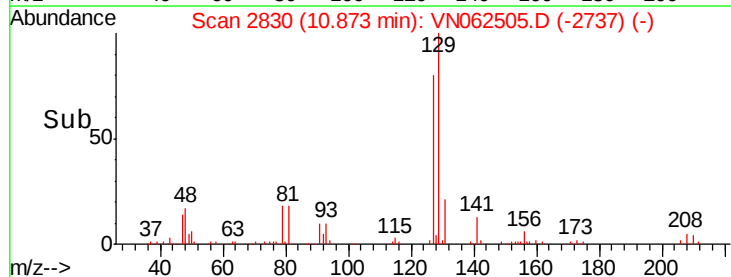
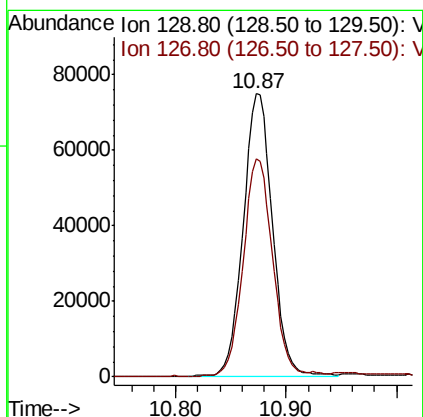
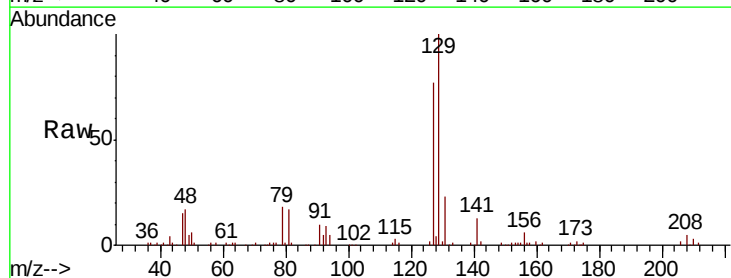
Instrument :
MSVOA_N
ClientSampleId :

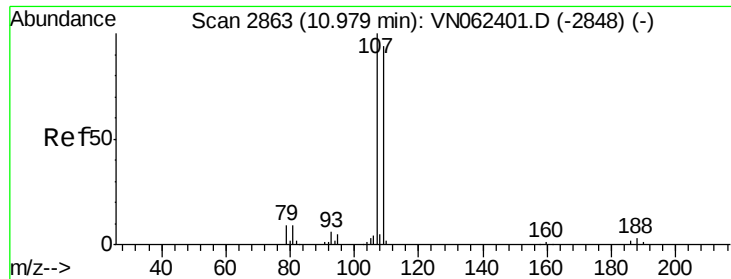
Tot Ion: 43 Resp: 742405
Ion Ratio Lower Upper
43 100
58 51.4 25.1 75.2



#60
Dibromochloromethane
Concen: 51.260 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. 0.00 min
Lab File: VN062505.D
Acq: 10 Jul 2020 20:22

Tgt Ion: 129 Resp: 136681
Ion Ratio Lower Upper
129 100
127 78.1 38.6 115.8

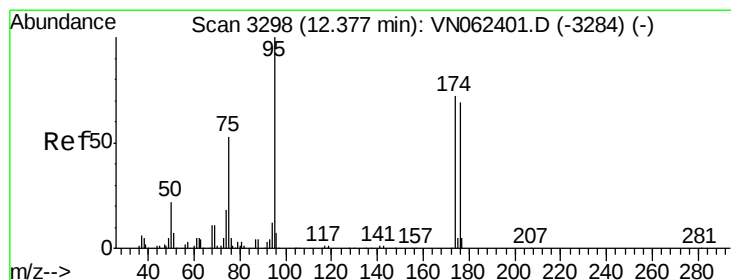
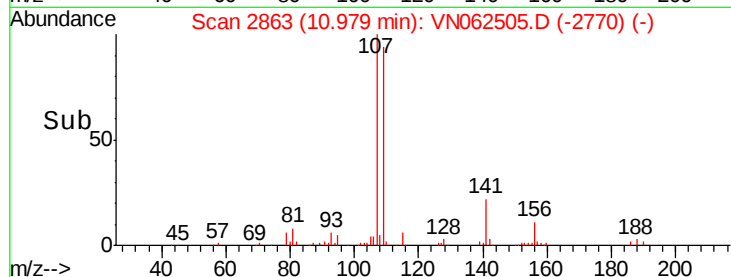
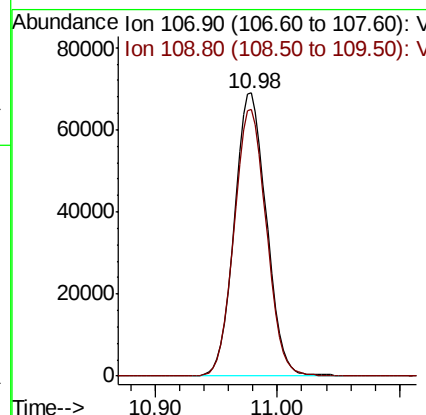
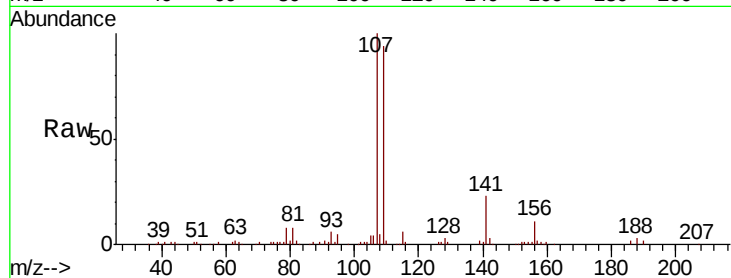




#61
 1,2-Dibromoethane
 Concen: 50.766 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN062505.D
 Acq: 10 Jul 2020 20:22

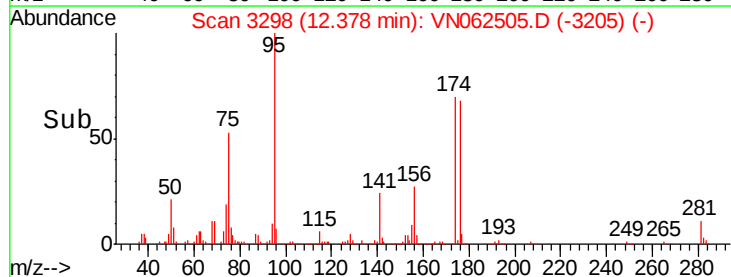
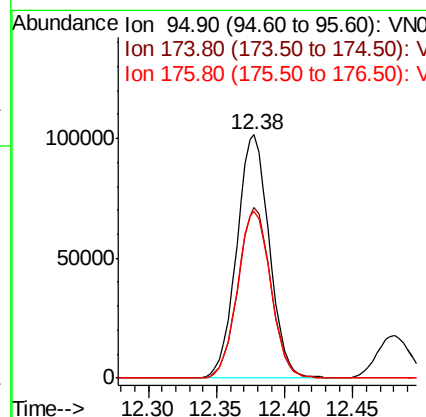
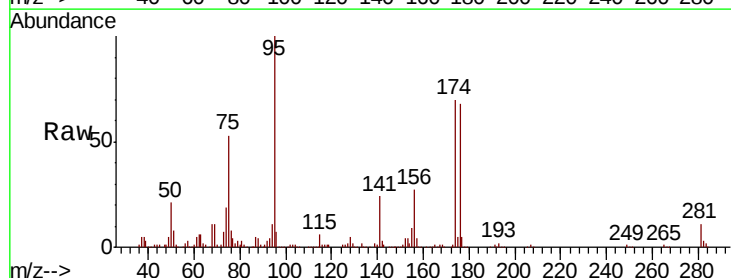
Instrument :
 MSVOA_N
 ClientSampleId :

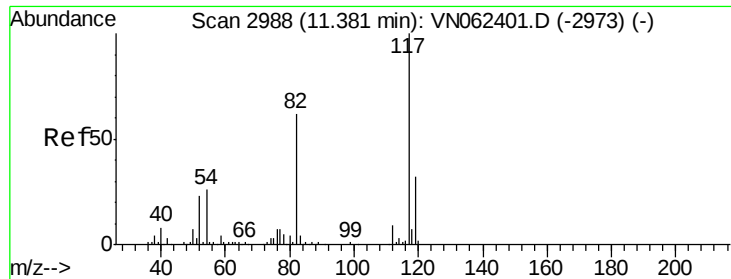
Tot Ion:107 Resp: 126025
 Ion Ratio Lower Upper
 107 100
 109 95.0 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 51.764 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VN062505.D
 Acq: 10 Jul 2020 20:22

Tgt Ion: 95 Resp: 168282
 Ion Ratio Lower Upper
 95 100
 174 70.7 0.0 141.6
 176 70.1 0.0 137.2

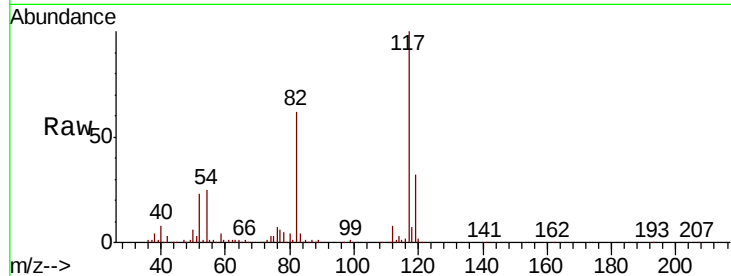




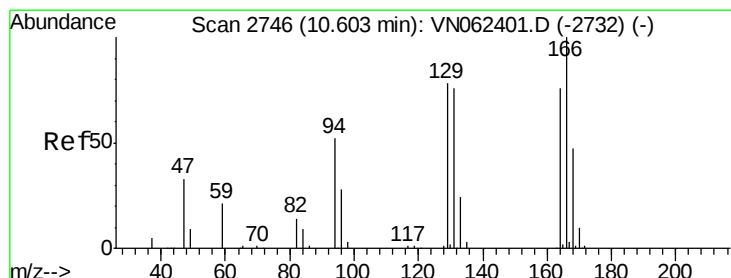
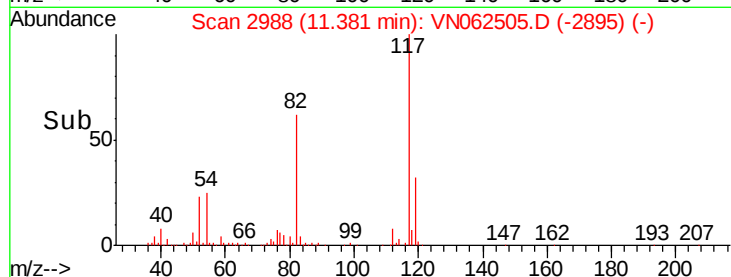
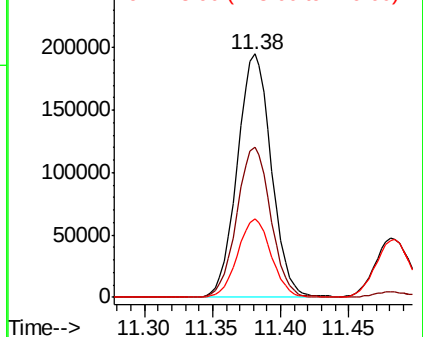
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062505.D
Acq: 10 Jul 2020 20:22

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 338041
Ion Ratio Lower Upper
117 100
82 61.7 49.6 74.4
119 32.1 25.4 38.0

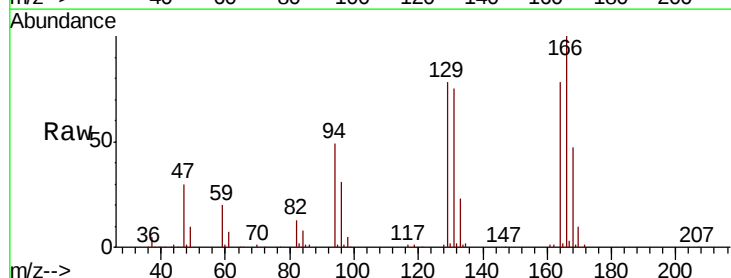


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

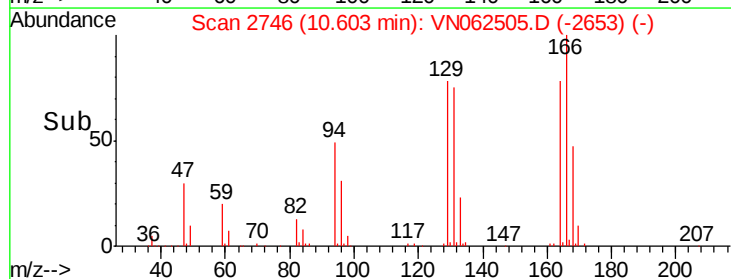
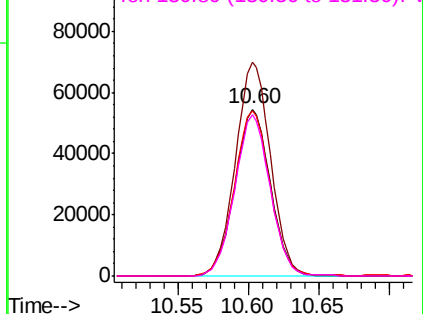


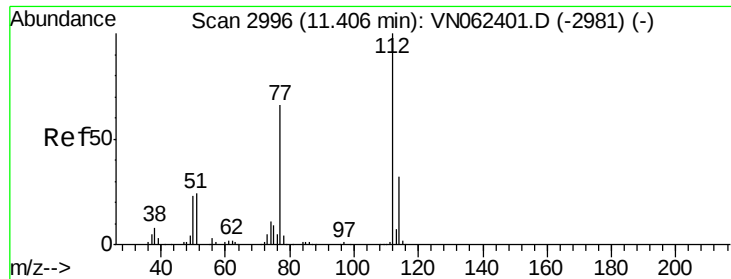
#64
Tetrachloroethene
Concen: 47.886 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN062505.D
Acq: 10 Jul 2020 20:22

Tgt Ion:164 Resp: 96055
Ion Ratio Lower Upper
164 100
166 128.3 104.9 157.3
129 99.4 81.8 122.6
131 96.8 79.3 118.9



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

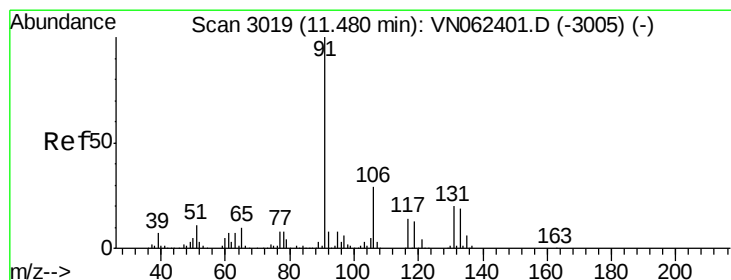
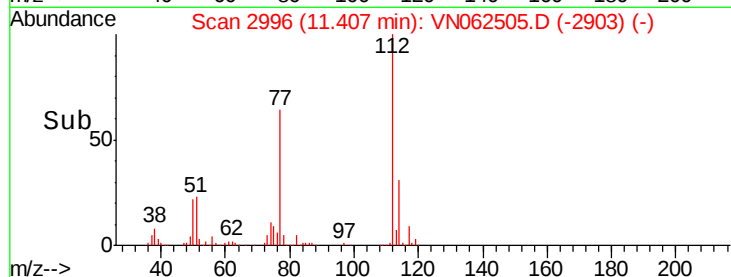
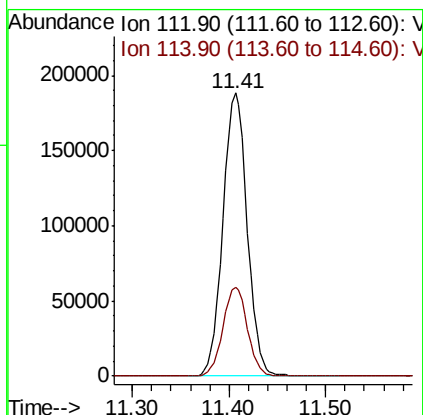
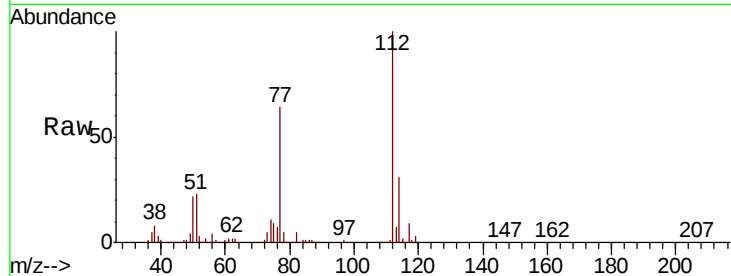




#65
Chlorobenzene
Concen: 49.897 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN062505.D
Acq: 10 Jul 2020 20:22

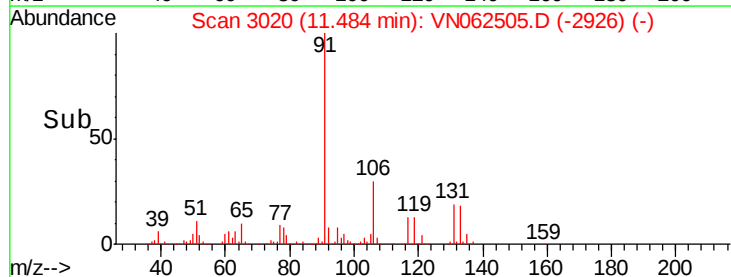
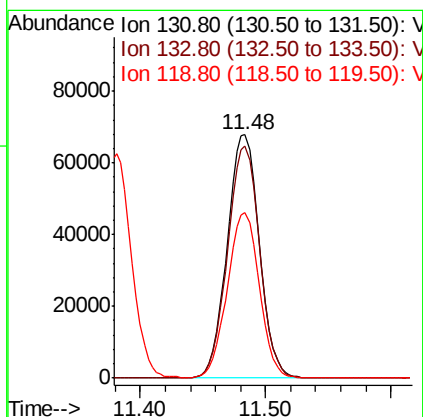
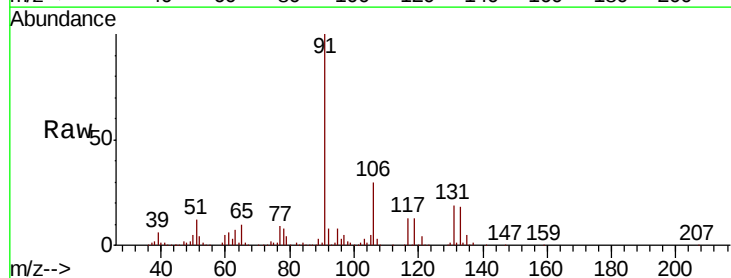
Instrument :
MSVOA_N
ClientSampled :

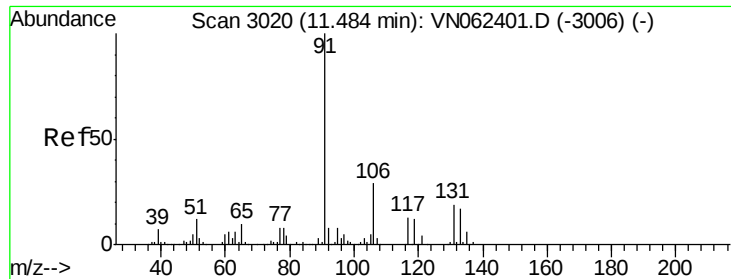
Tot Ion:112 Resp: 327819
Ion Ratio Lower Upper
112 100
114 31.5 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 49.806 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN062505.D
Acq: 10 Jul 2020 20:22

Tgt Ion:131 Resp: 120669
Ion Ratio Lower Upper
131 100
133 95.0 46.9 140.8
119 67.6 33.2 99.6





#67

Ethyl Benzene

Concen: 49.870 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. 0.00 min

Lab File: VN062505.D

Acq: 10 Jul 2020 20:22

Instrument :

MSVOA_N

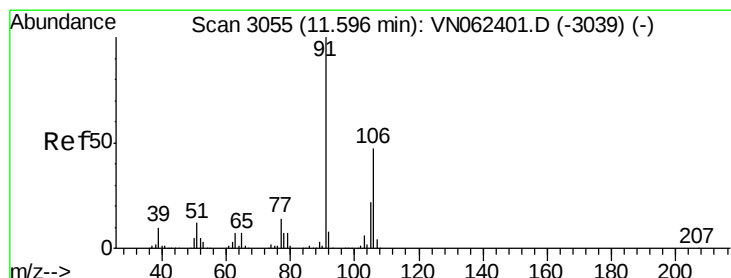
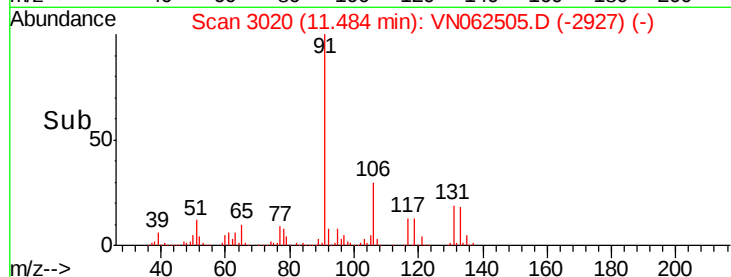
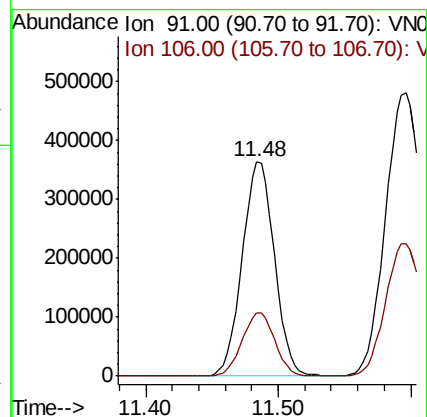
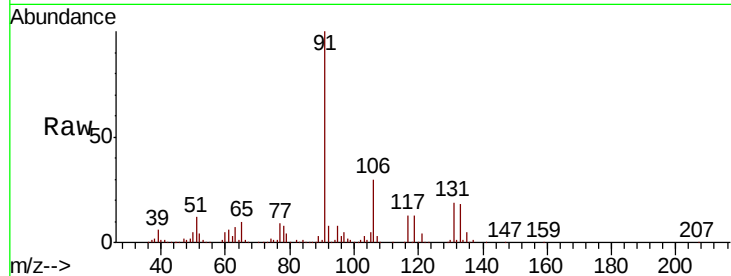
ClientSampleId :

Tot Ion: 91 Resp: 615009

Ion Ratio Lower Upper

91 100

106 29.7 23.4 35.2



#68

m/p-Xylenes

Concen: 101.001 ug/l

RT: 11.59 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN062505.D

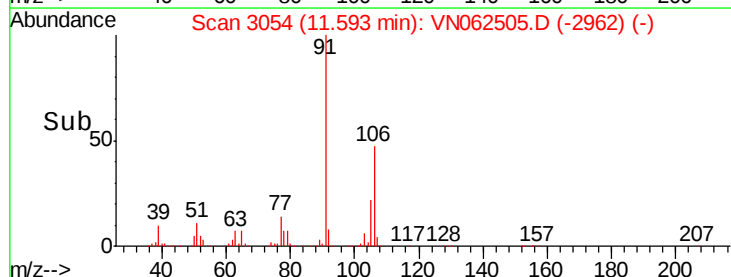
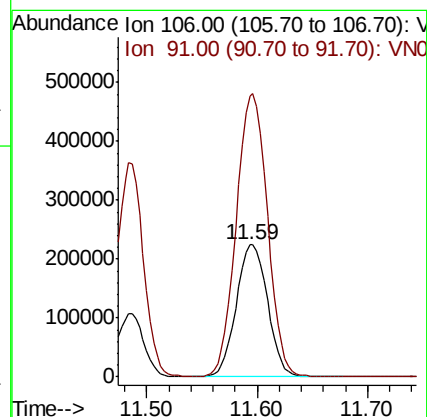
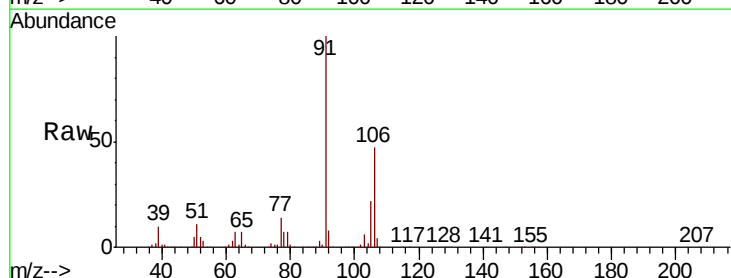
Acq: 10 Jul 2020 20:22

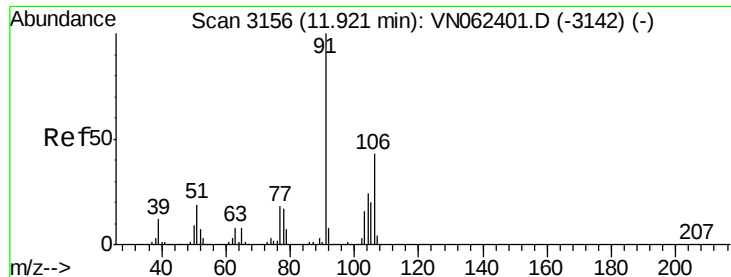
Tgt Ion: 106 Resp: 440942

Ion Ratio Lower Upper

106 100

91 213.5 172.4 258.6

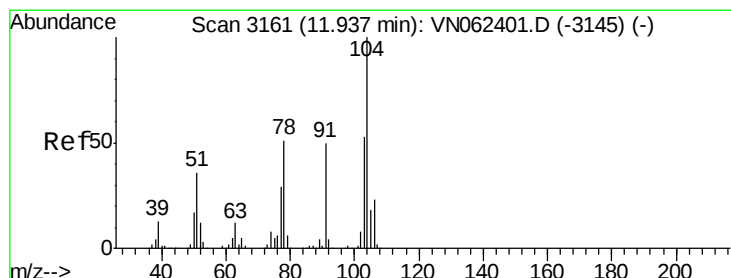
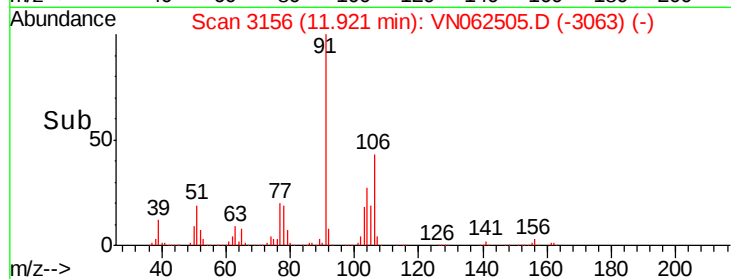
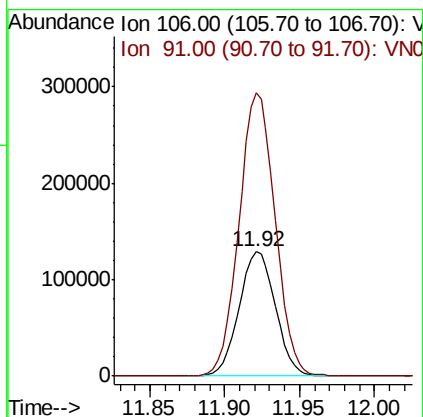
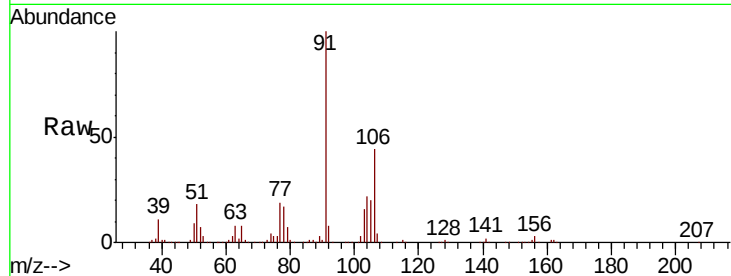




#69
o-Xylene
Concen: 51.179 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN062505.D
Acq: 10 Jul 2020 20:22

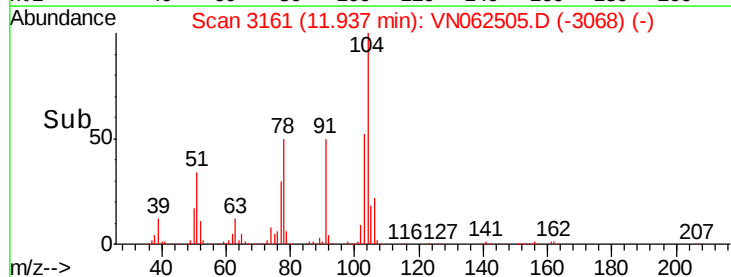
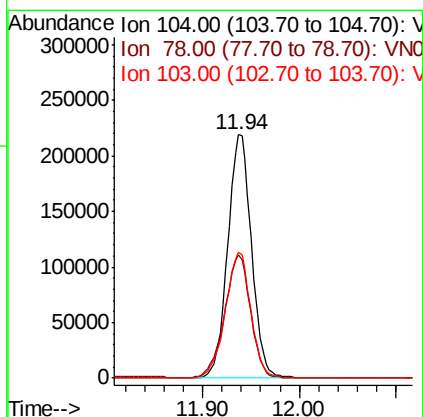
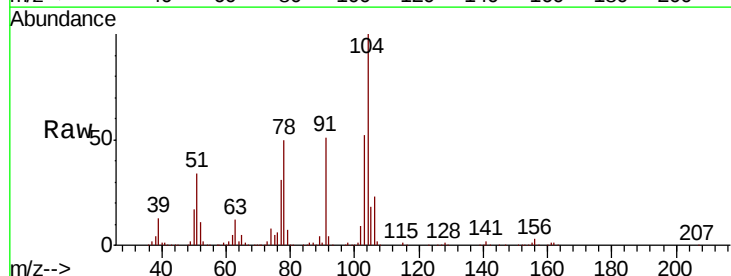
Instrument :
MSVOA_N
ClientSampled :

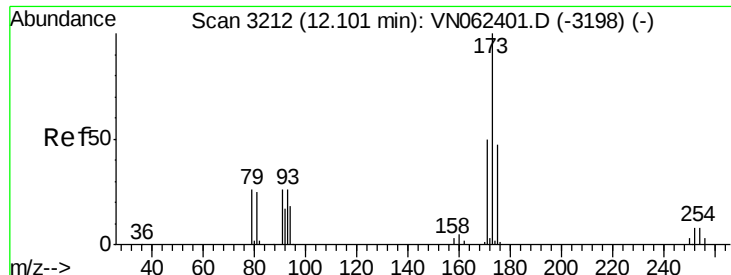
Tot Ion:106 Resp: 217544
Ion Ratio Lower Upper
106 100
91 225.8 113.8 341.4



#70
Styrene
Concen: 53.285 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN062505.D
Acq: 10 Jul 2020 20:22

Tgt Ion:104 Resp: 374332
Ion Ratio Lower Upper
104 100
78 54.5 44.2 66.4
103 54.9 44.4 66.6





#71

Bromoform

Concen: 53.087 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. 0.00 min

Lab File: VN062505.D

Acq: 10 Jul 2020 20:22

Instrument :

MSVOA_N

ClientSampleId :

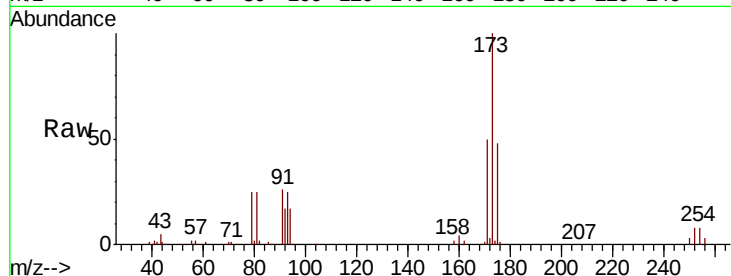
Tot Ion:173 Resp: 94287

Ion Ratio Lower Upper

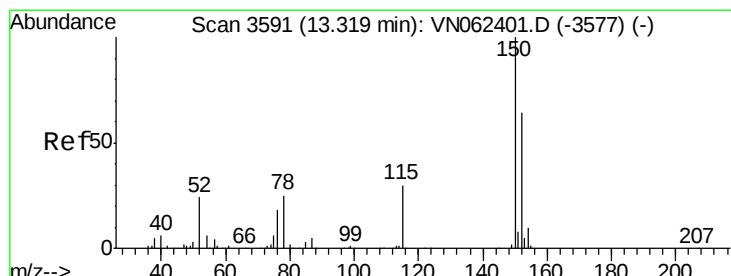
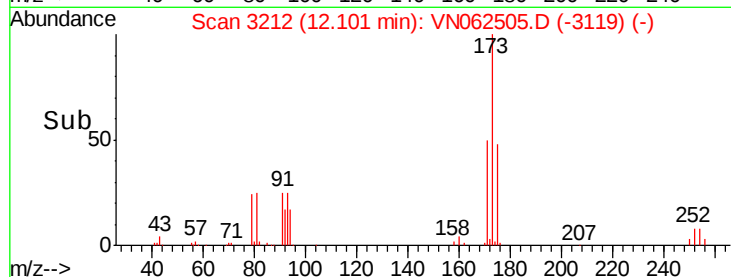
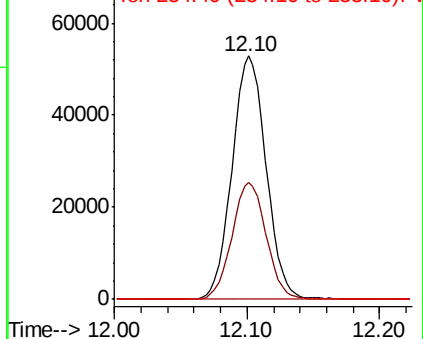
173 100

175 48.0 23.7 71.1

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062505.D

Acq: 10 Jul 2020 20:22

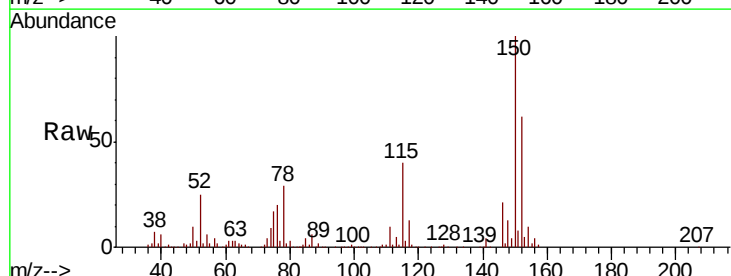
Tgt Ion:152 Resp: 158886

Ion Ratio Lower Upper

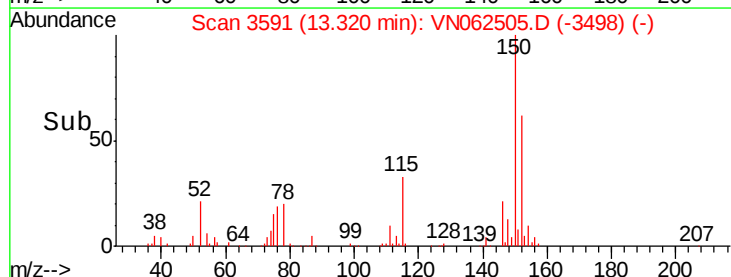
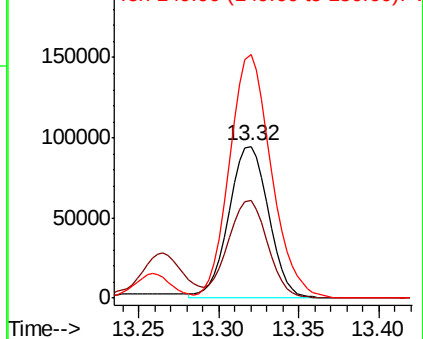
152 100

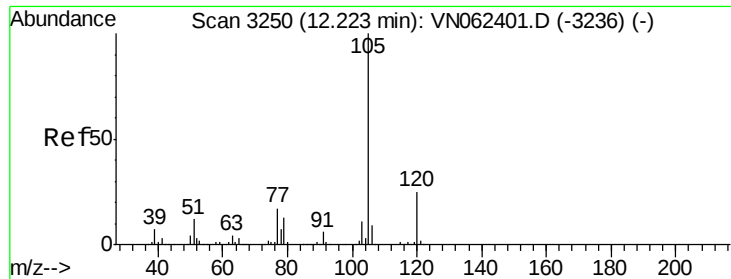
115 64.3 31.4 94.2

150 169.3 0.0 347.4



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: 47.457 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN062505.D

Acq: 10 Jul 2020 20:22

Instrument :

MSVOA_N

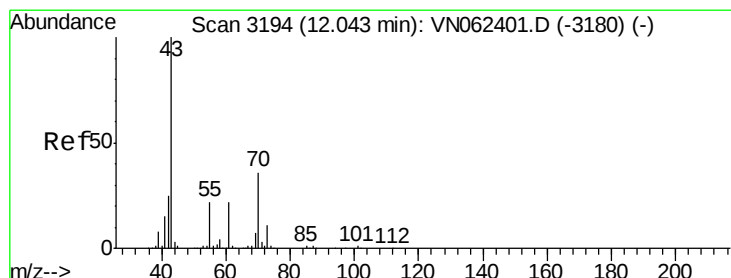
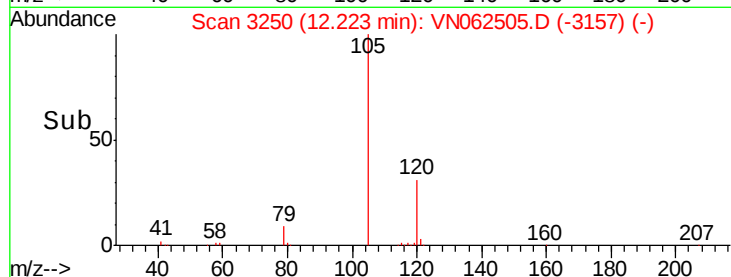
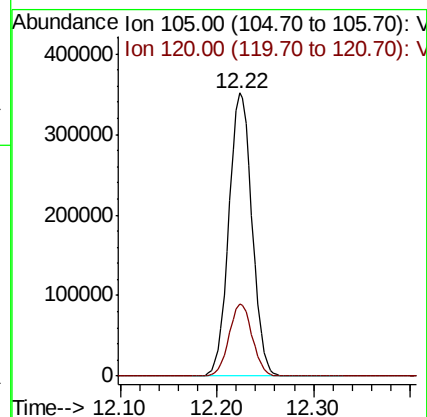
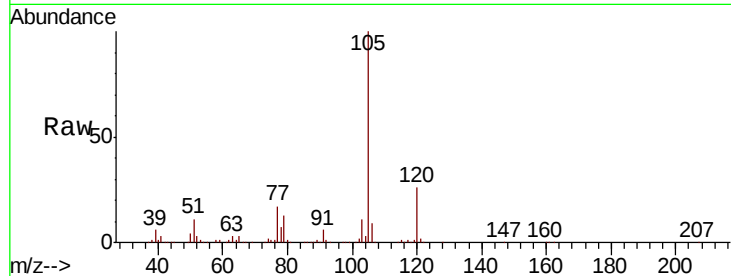
ClientSampleId :

Tot Ion:105 Resp: 583483

Ion Ratio Lower Upper

105 100

120 25.4 12.7 38.1



#74

N-ethyl acetate

Concen: 51.921 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. 0.00 min

Lab File: VN062505.D

Acq: 10 Jul 2020 20:22

Tgt Ion: 43 Resp: 310711

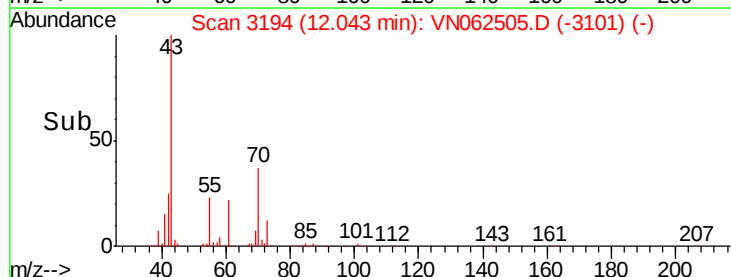
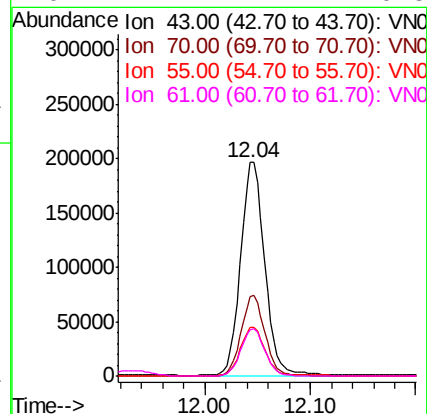
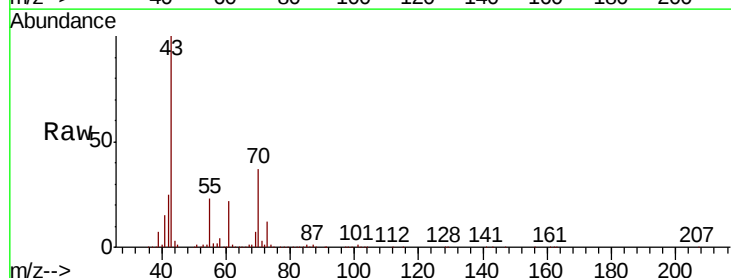
Ion Ratio Lower Upper

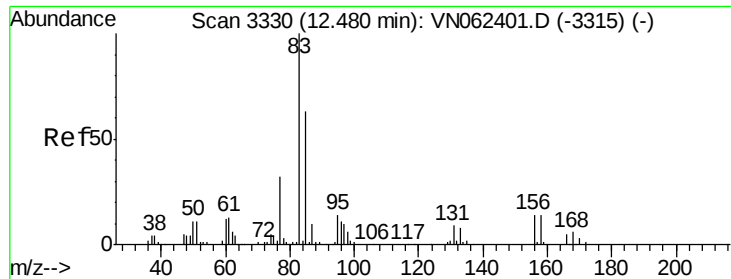
43 100

70 37.4 30.0 45.0

55 23.2 18.2 27.4

61 22.2 17.7 26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 48.134 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN062505.D

Acq: 10 Jul 2020 20:22

Instrument :

MSVOA_N

ClientSampled :

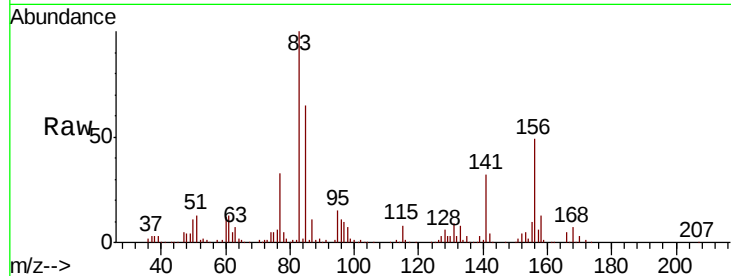
Tot Ion: 83 Resp: 198986

Ion Ratio Lower Upper

83 100

131 9.1 4.5 13.5

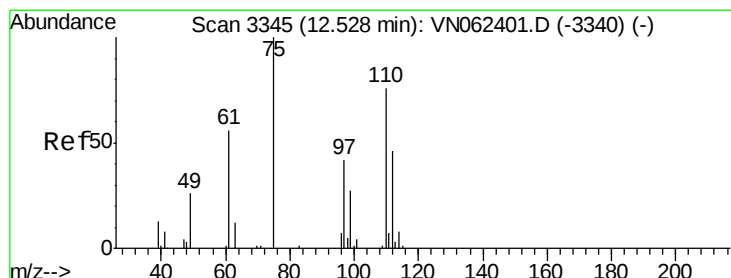
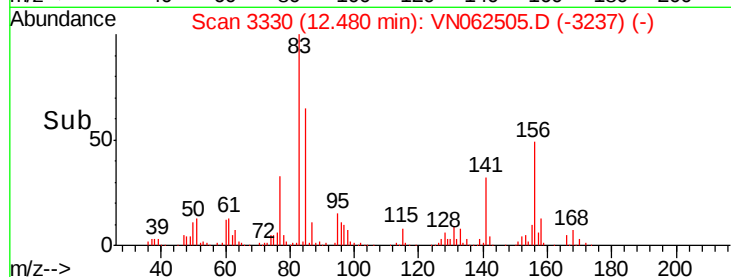
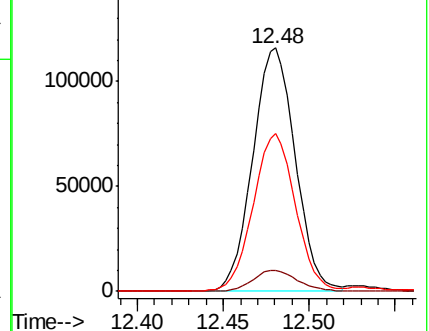
85 63.9 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VN062401.D (-3315) (-)

Ion 130.80 (130.50 to 131.50): VN062401.D (-3315) (-)

Ion 84.90 (84.60 to 85.60): VN062401.D (-3315) (-)



#76

1,2,3-Trichloropropane

Concen: 65.078 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN062505.D

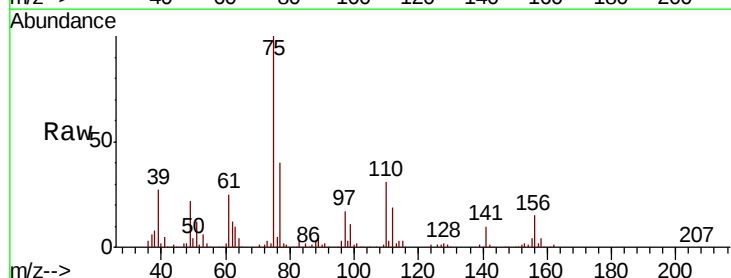
Acq: 10 Jul 2020 20:22

Tgt Ion: 75 Resp: 253709

Ion Ratio Lower Upper

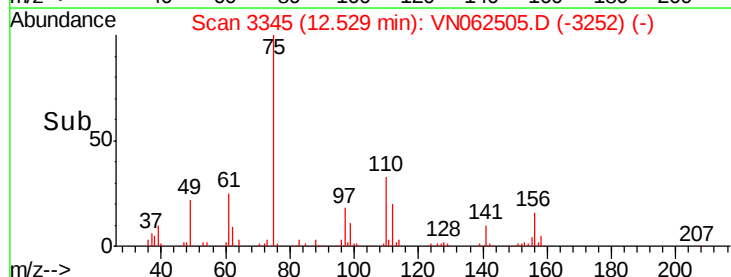
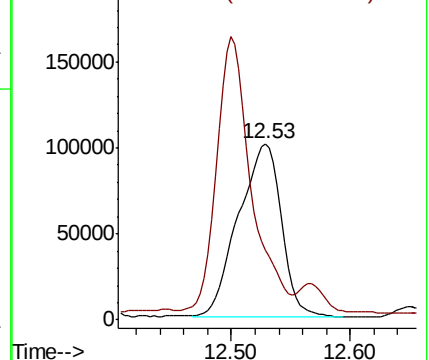
75 100

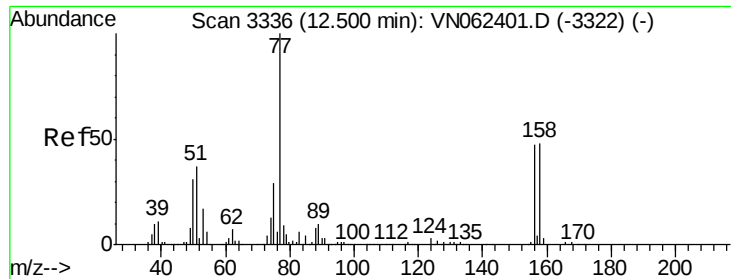
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN062401.D (-3340) (-)

Ion 77.00 (76.70 to 77.70): VN062401.D (-3340) (-)





#77

Bromobenzene

Concen: 57.201 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN062505.D

Acq: 10 Jul 2020 20:22

Instrument :

MSVOA_N

ClientSampled :

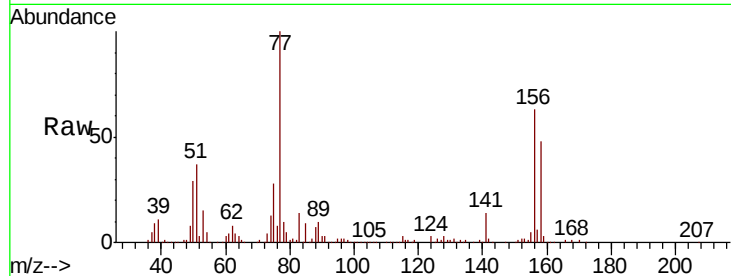
Tot Ion:156 Resp: 159886

Ion Ratio Lower Upper

156 100

77 198.6 126.4 379.3

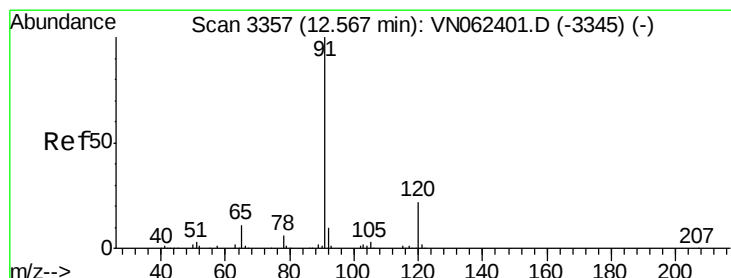
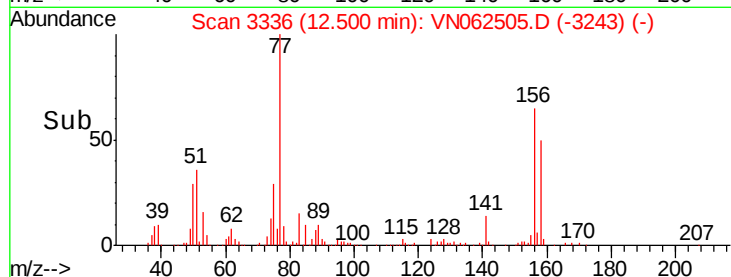
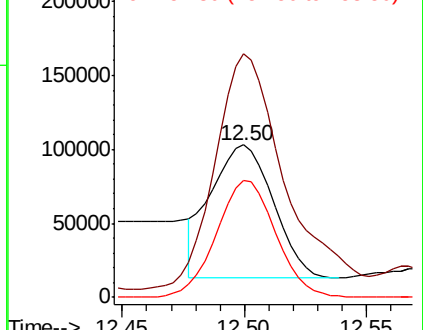
158 83.1 49.8 149.4



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: 48.399 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN062505.D

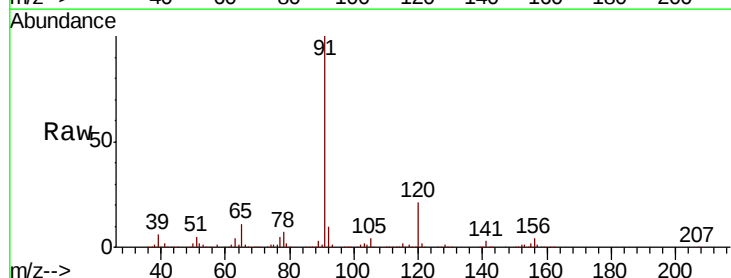
Acq: 10 Jul 2020 20:22

Tgt Ion: 91 Resp: 695091

Ion Ratio Lower Upper

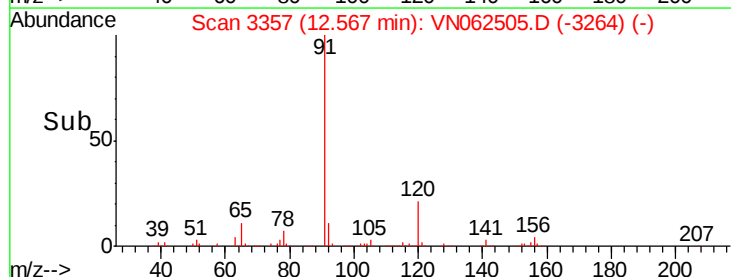
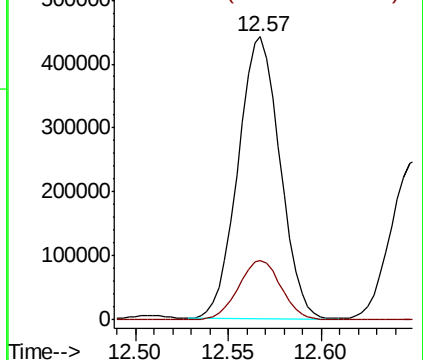
91 100

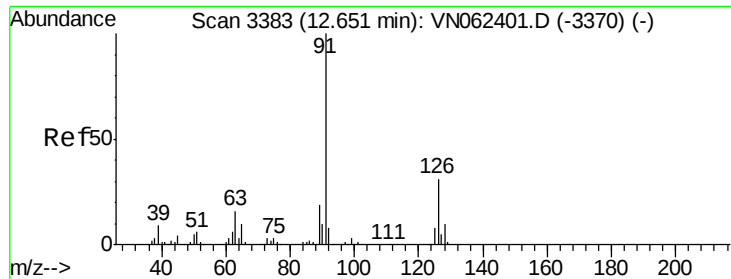
120 21.4 10.7 32.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.510 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. 0.00 min

Lab File: VN062505.D

Acq: 10 Jul 2020 20:22

Instrument :

MSVOA_N

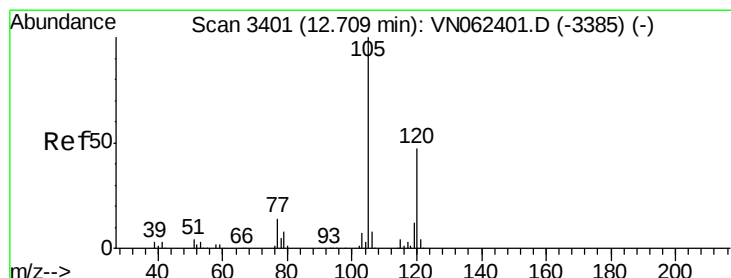
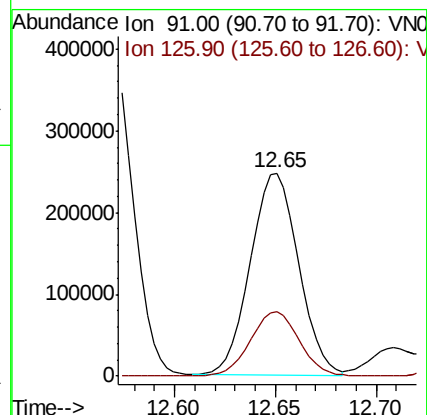
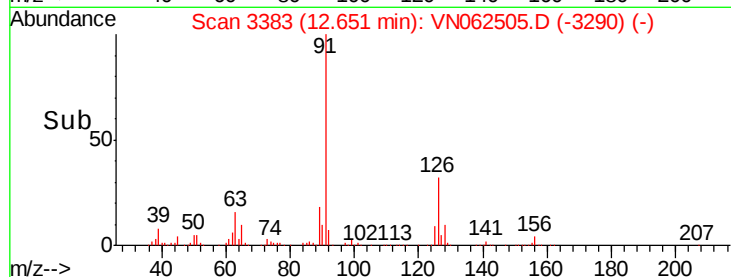
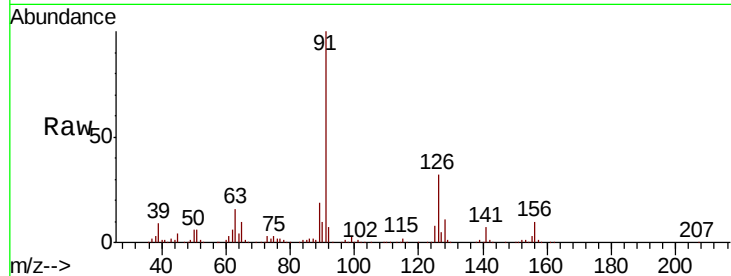
ClientSampleId :

Tot Ion: 91 Resp: 414128

Ion Ratio Lower Upper

91 100

126 31.9 15.6 46.7



#80

1,3,5-Trimethylbenzene

Concen: 49.881 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN062505.D

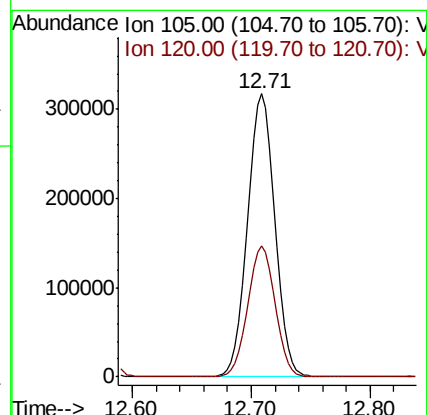
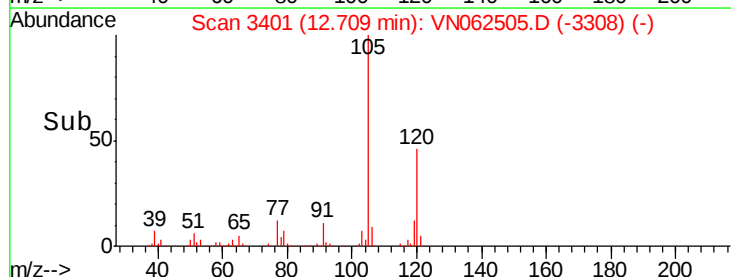
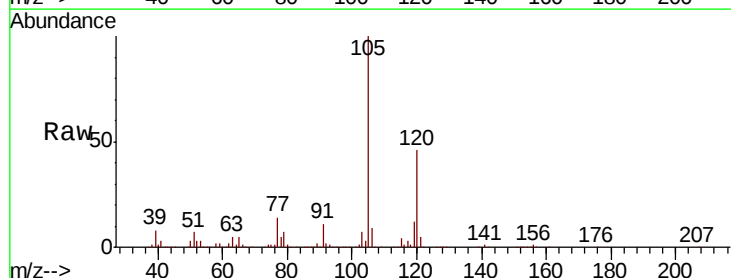
Acq: 10 Jul 2020 20:22

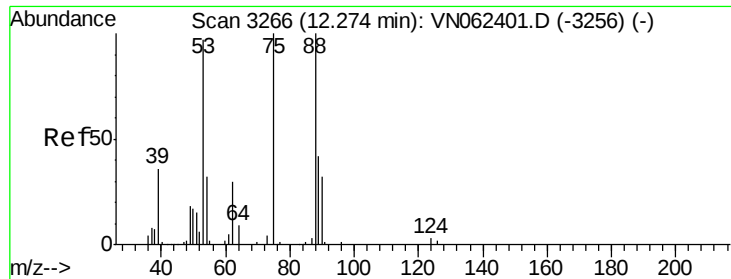
Tgt Ion: 105 Resp: 502757

Ion Ratio Lower Upper

105 100

120 46.5 23.4 70.2





#81

trans-1,4-Dichloro-2-butene

Concen: 43.573 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN062505.D

Acq: 10 Jul 2020 20:22

Instrument :

MSVOA_N

ClientSampleId :

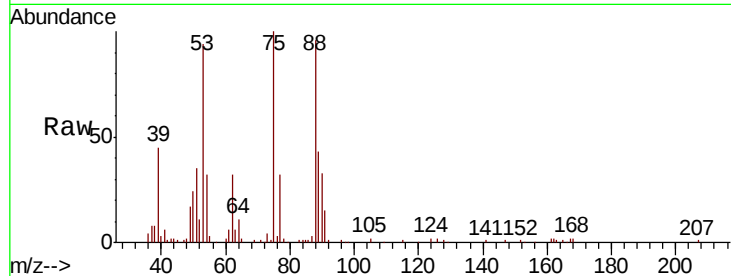
Tot Ion: 75 Resp: 63466

Ion Ratio Lower Upper

75 100

53 98.8 79.2 118.8

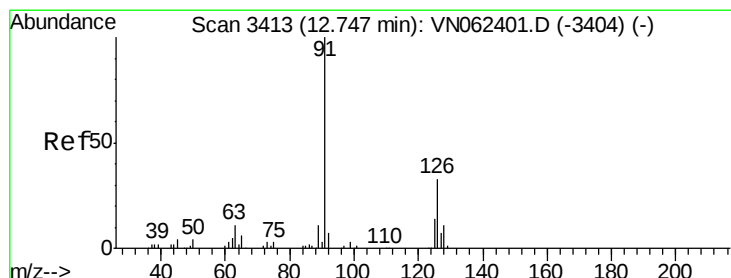
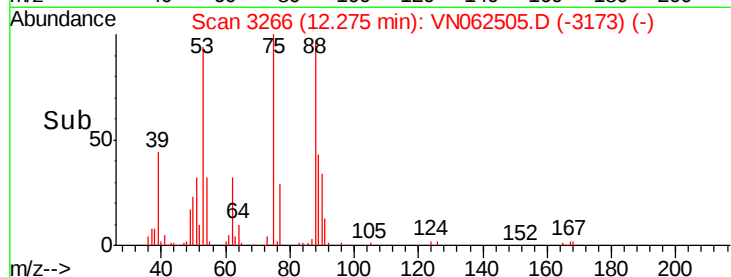
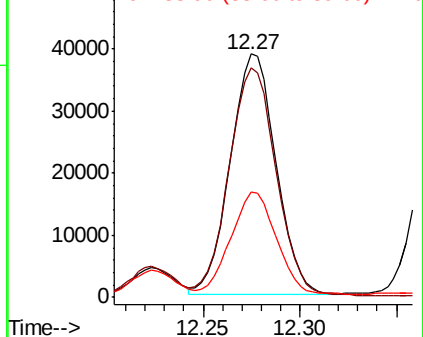
89 43.6 34.6 52.0



Abundance Ion 74.90 (74.60 to 75.60): VN062401.D (-3256) (-)

Ion 53.00 (52.70 to 53.70): VN062401.D (-3256) (-)

Ion 88.90 (88.60 to 89.60): VN062401.D (-3256) (-)



#82

4-Chlorotoluene

Concen: 49.056 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN062505.D

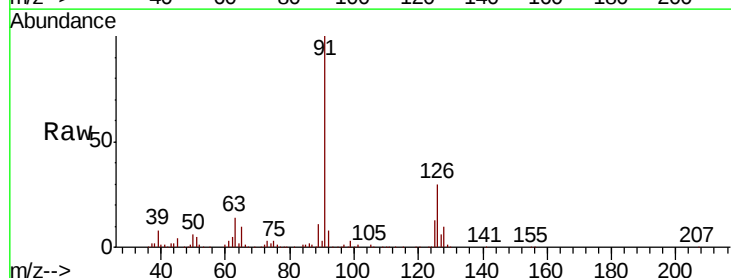
Acq: 10 Jul 2020 20:22

Tgt Ion: 91 Resp: 434105

Ion Ratio Lower Upper

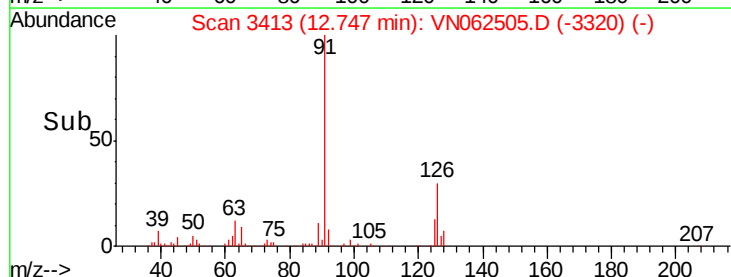
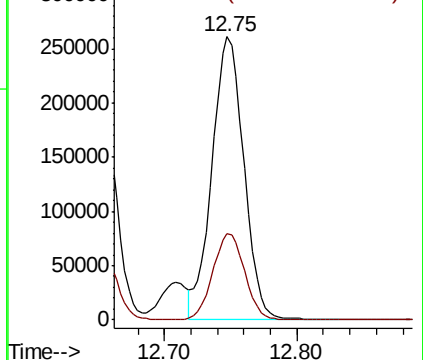
91 100

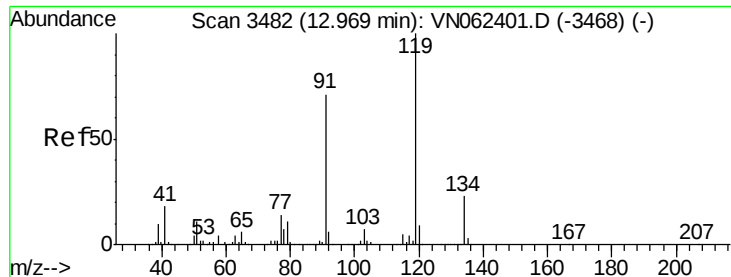
126 30.4 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VN062401.D (-3404) (-)

Ion 125.90 (125.60 to 126.60): VN062401.D (-3404) (-)

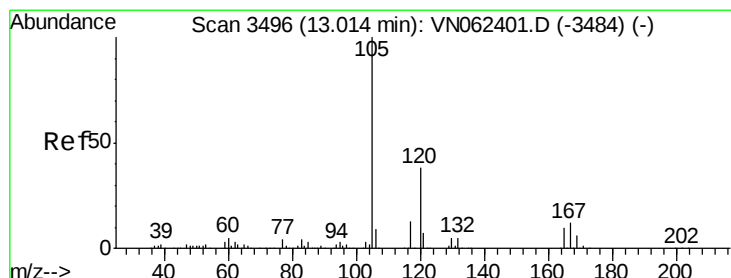
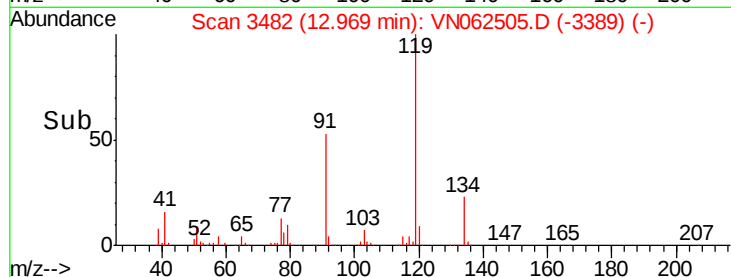
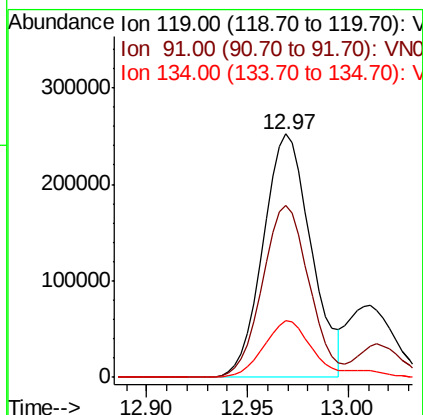
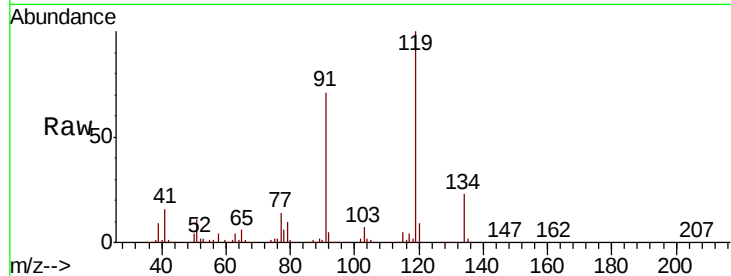




#83
tert-Butylbenzene
Concen: 48.693 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. 0.00 min
Lab File: VN062505.D
Acq: 10 Jul 2020 20:22

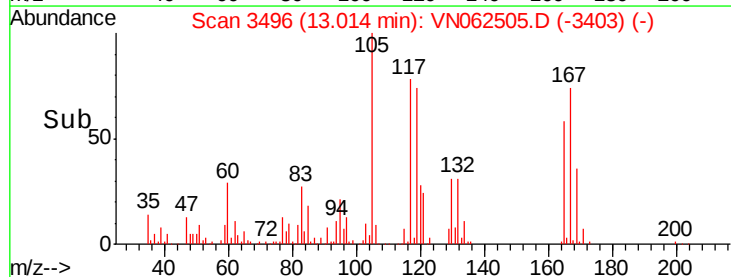
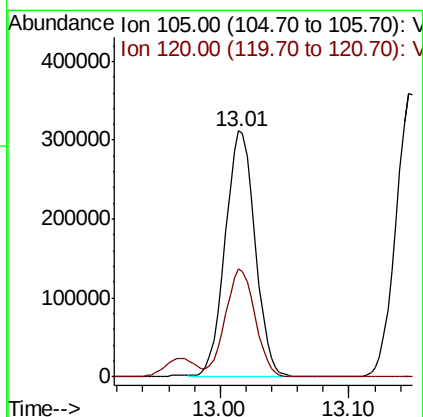
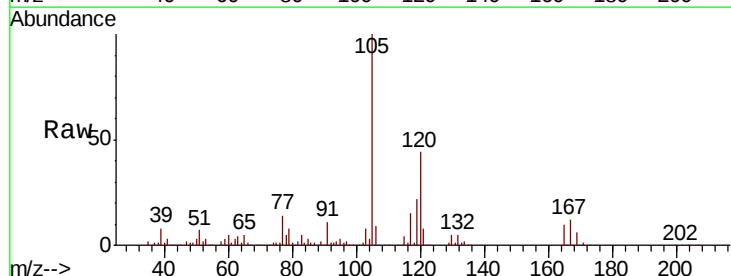
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:119 Resp: 416492
Ion Ratio Lower Upper
119 100
91 69.0 34.8 104.3
134 23.3 11.7 35.0



#84
1,2,4-Trimethylbenzene
Concen: 49.829 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. 0.00 min
Lab File: VN062505.D
Acq: 10 Jul 2020 20:22

Tgt Ion:105 Resp: 499209
Ion Ratio Lower Upper
105 100
120 43.8 21.6 64.8

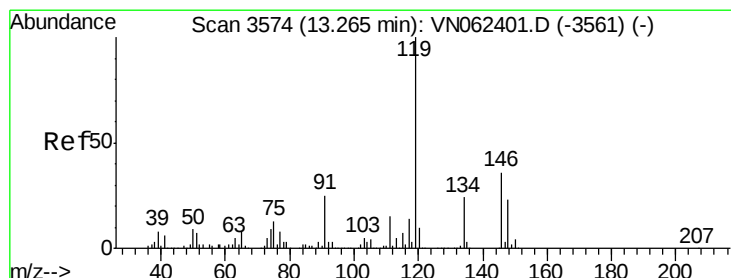
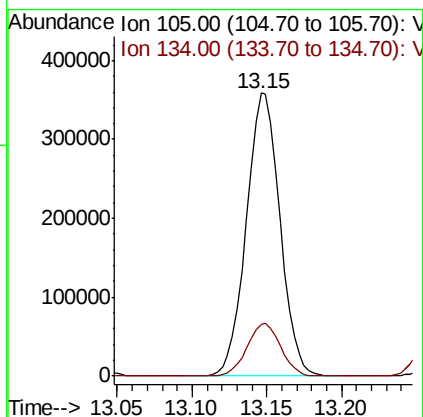
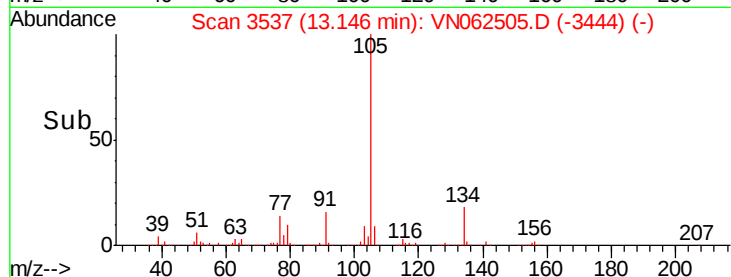
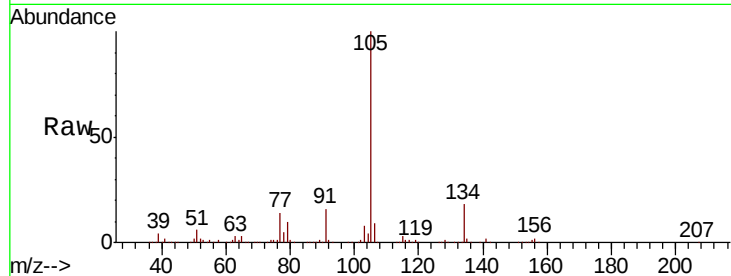




#85
 sec-Butylbenzene
 Concen: 49.299 ug/l
 RT: 13.15 min Scan# 3537
 Delta R.T. 0.00 min
 Lab File: VN062505.D
 Acq: 10 Jul 2020 20:22

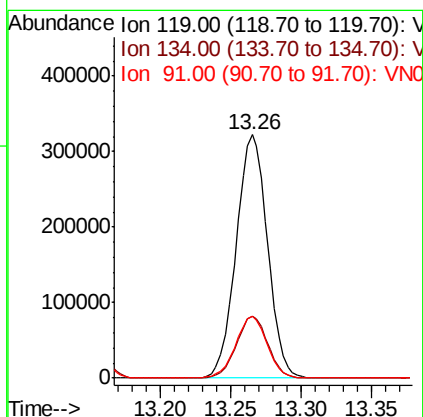
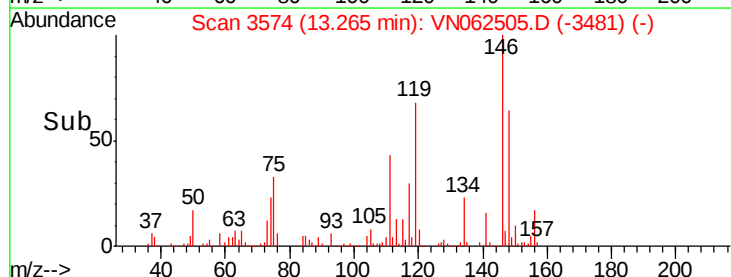
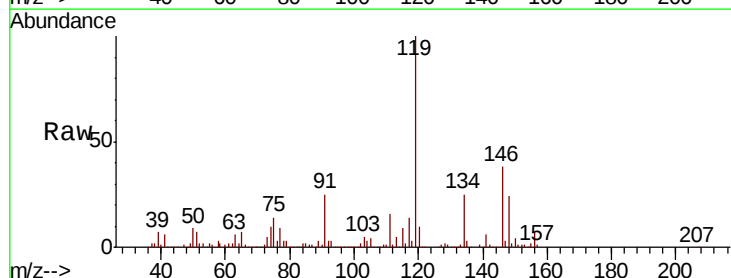
Instrument :
 MSVOA_N
 ClientSampleId :

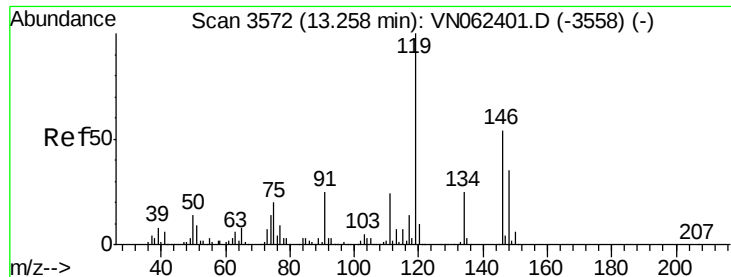
Tot Ion:105 Resp: 558761
 Ion Ratio Lower Upper
 105 100
 134 18.7 9.3 28.0



#86
 p-Isopropyltoluene
 Concen: 51.057 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. 0.00 min
 Lab File: VN062505.D
 Acq: 10 Jul 2020 20:22

Tgt Ion:119 Resp: 499459
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.4 37.0
 91 25.3 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 50.335 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. 0.00 min

Lab File: VN062505.D

Acq: 10 Jul 2020 20:22

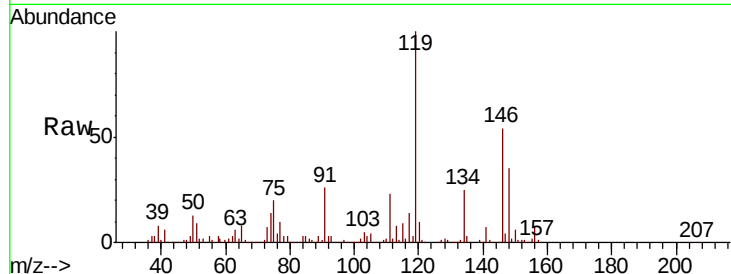
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:146 Resp: 242715

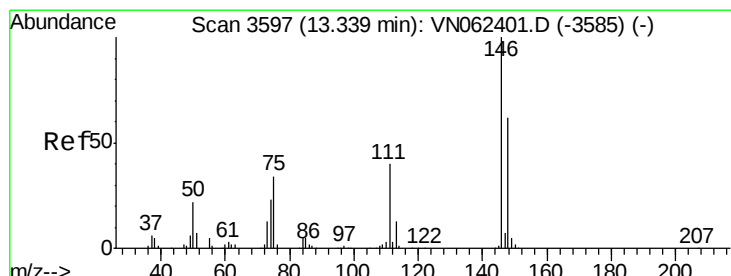
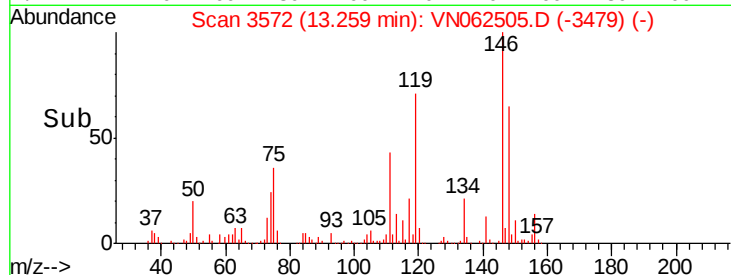
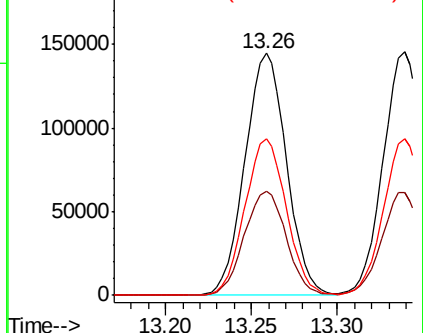
Ion	Ratio	Lower	Upper
146	100		
111	43.4	21.6	64.6
148	64.5	32.2	96.6



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



#88

1,4-Dichlorobenzene

Concen: 48.643 ug/l

RT: 13.34 min Scan# 3597

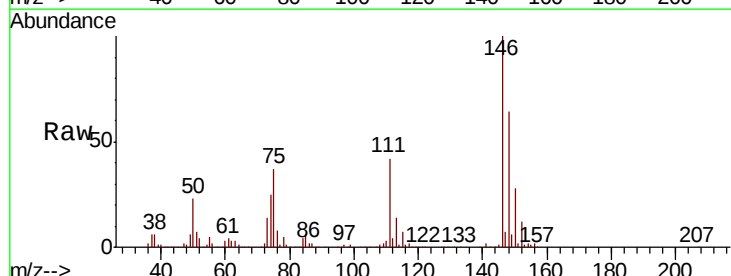
Delta R.T. 0.00 min

Lab File: VN062505.D

Acq: 10 Jul 2020 20:22

Tgt Ion:146 Resp: 241347

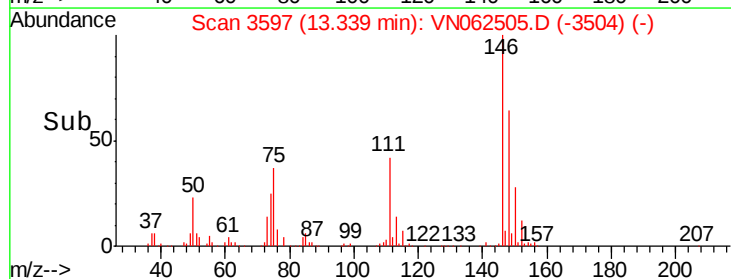
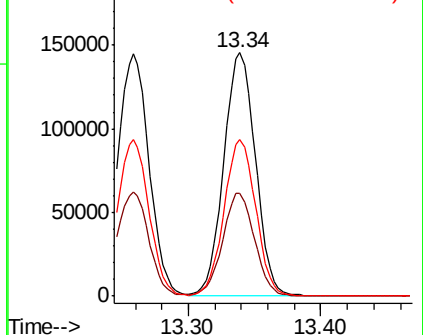
Ion	Ratio	Lower	Upper
146	100		
111	42.5	21.1	63.1
148	64.0	31.4	94.2

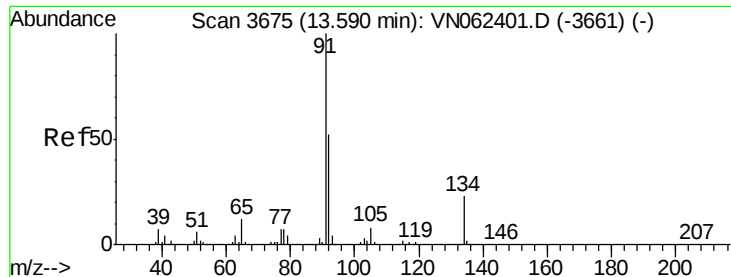


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 52.060 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. 0.00 min

Lab File: VN062505.D

Acq: 10 Jul 2020 20:22

Instrument :

MSVOA_N

ClientSampleId :

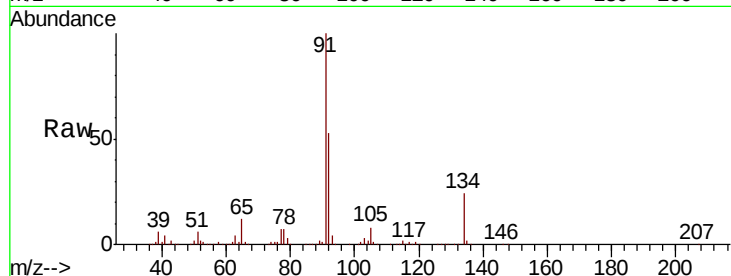
Tot Ion: 91 Resp: 449669

Ion Ratio Lower Upper

91 100

92 52.0 25.9 77.7

134 23.6 11.6 34.8

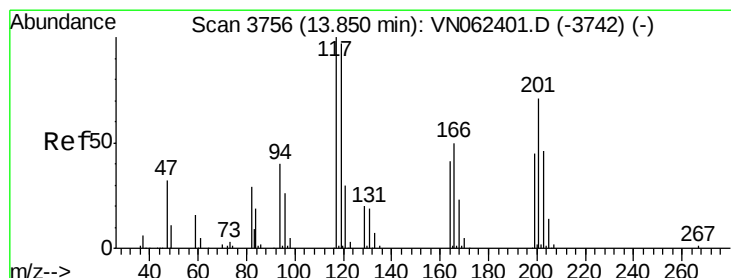
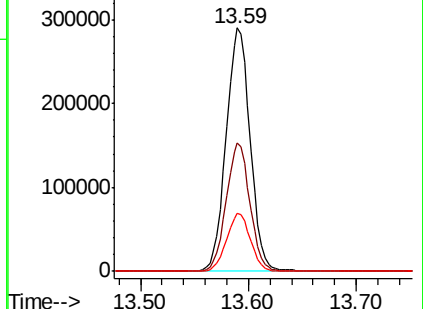
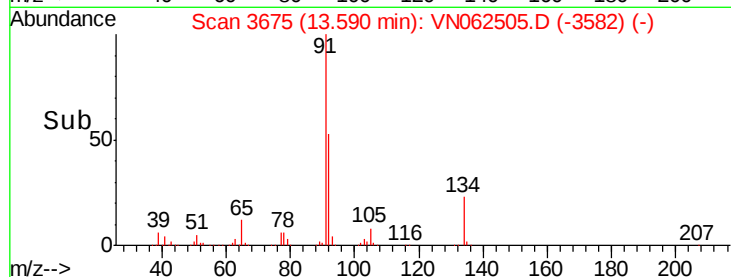


Abundance Ion 91.00 (90.70 to 91.70): VN062401.D (-3661) (-)

Ion 92.00 (91.70 to 92.70): VN062401.D (-3661) (-)

Ion 134.00 (133.70 to 134.70): VN062401.D (-3661) (-)

Time-->



#90

Hexachloroethane

Concen: 49.111 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. 0.00 min

Lab File: VN062505.D

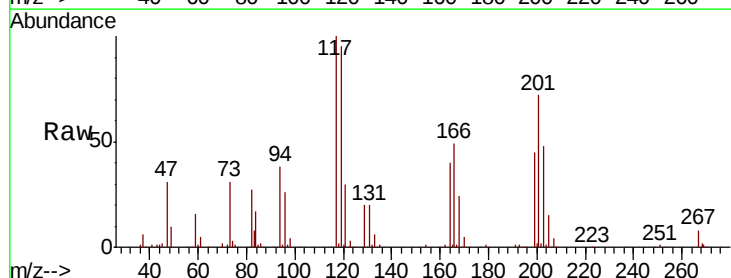
Acq: 10 Jul 2020 20:22

Tgt Ion: 117 Resp: 94505

Ion Ratio Lower Upper

117 100

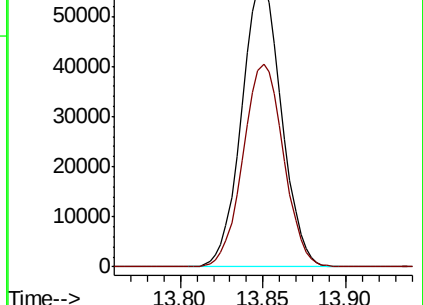
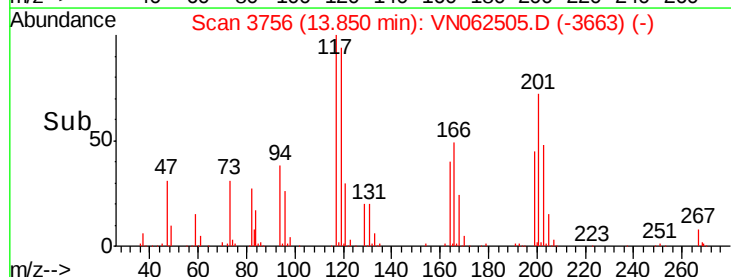
201 72.5 35.4 106.2

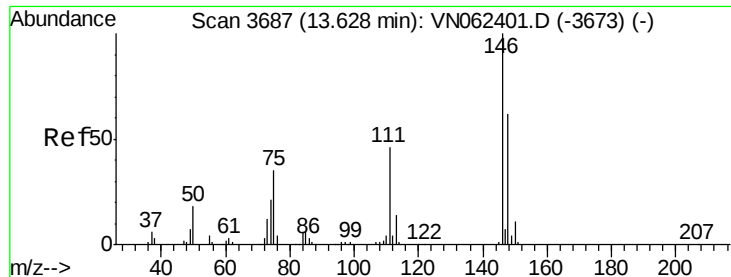


Abundance Ion 116.80 (116.50 to 117.50): VN062401.D (-3742) (-)

Ion 200.70 (200.40 to 201.40): VN062401.D (-3742) (-)

Time-->

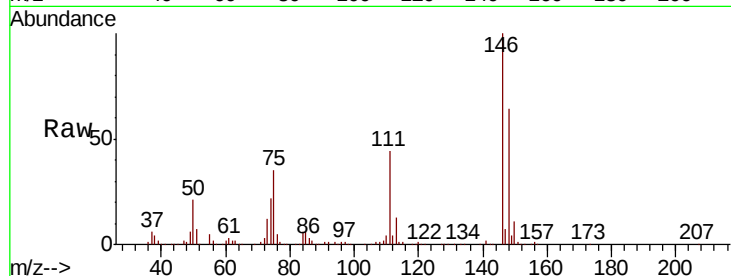




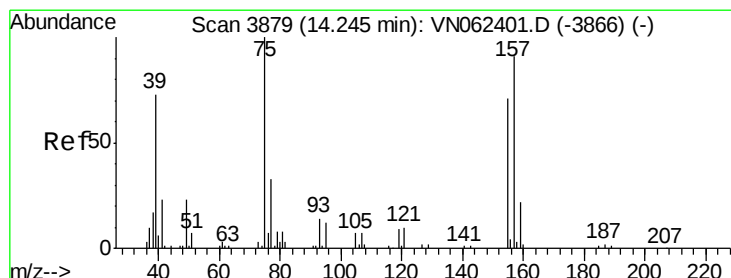
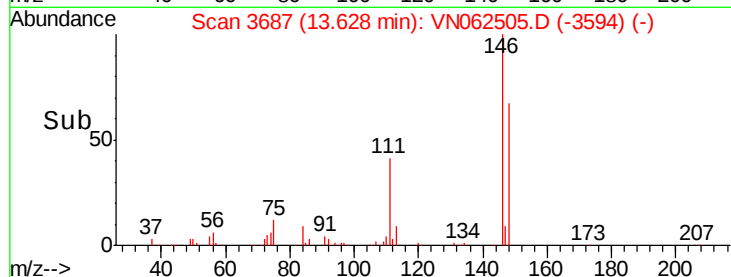
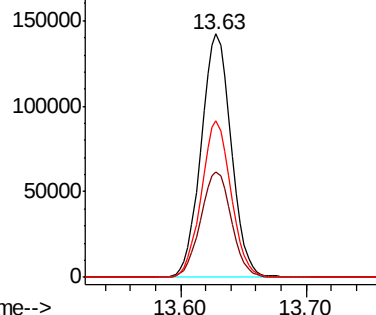
#91
 1,2-Dichlorobenzene
 Concen: 50.864 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN062505.D
 Acq: 10 Jul 2020 20:22

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:146 Resp: 237142
 Ion Ratio Lower Upper
 146 100
 111 44.3 22.5 67.5
 148 63.3 31.4 94.2

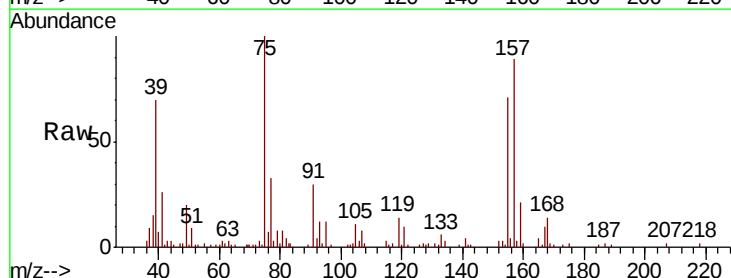


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

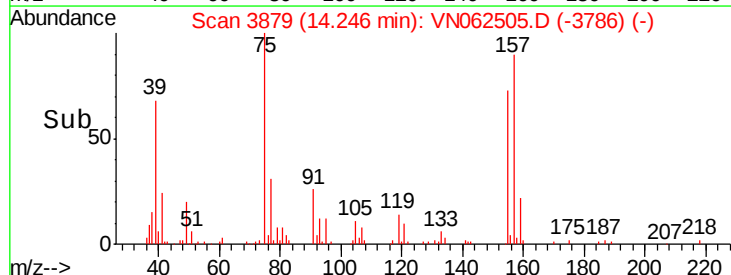
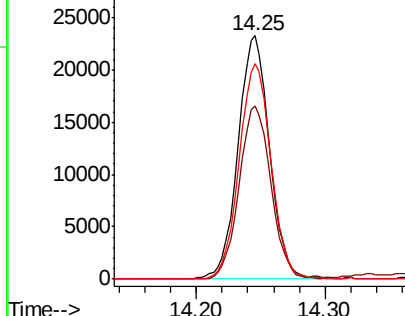


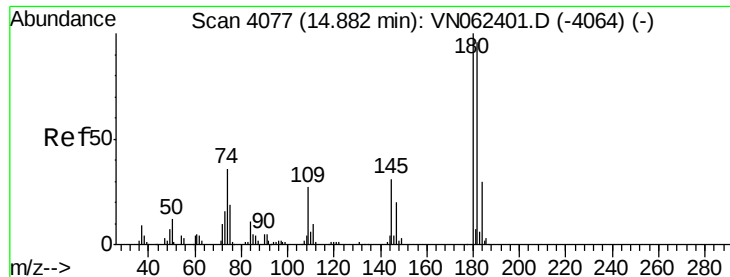
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.471 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN062505.D
 Acq: 10 Jul 2020 20:22

Tgt Ion: 75 Resp: 39585
 Ion Ratio Lower Upper
 75 100
 155 71.7 35.2 105.6
 157 89.2 45.8 137.3



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

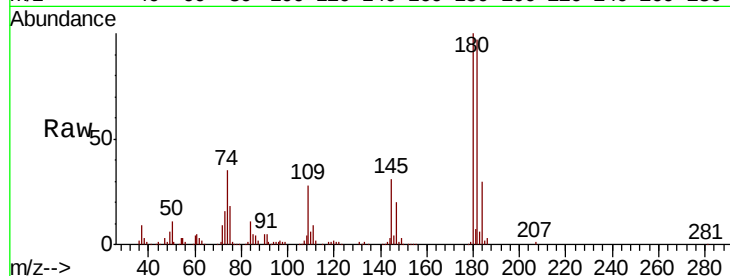




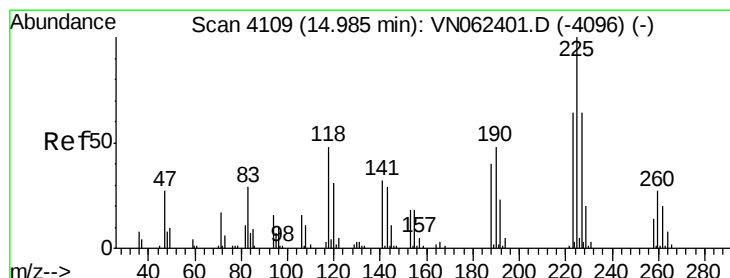
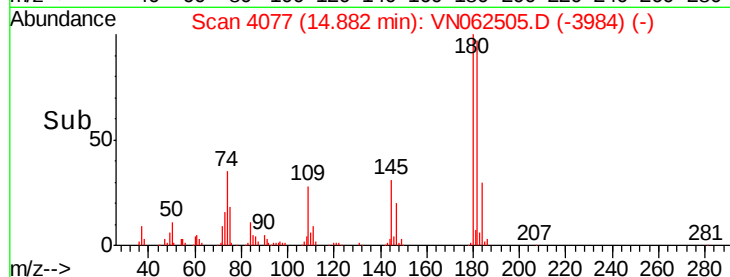
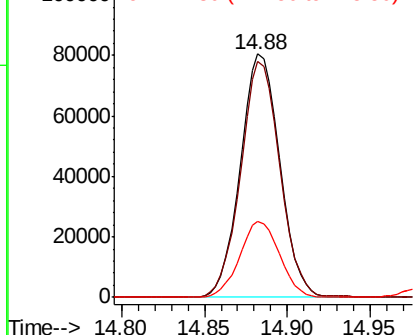
#93
 1,2,4-Trichlorobenzene
 Concen: 51.975 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062505.D
 Acq: 10 Jul 2020 20:22

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.9	48.4	145.2
145	31.6	15.5	46.5

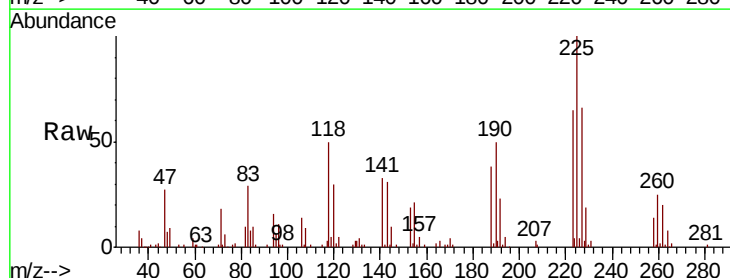


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

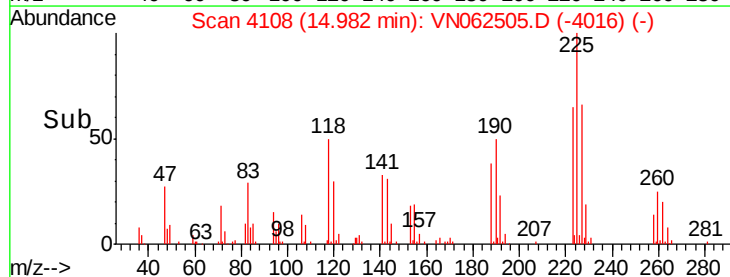
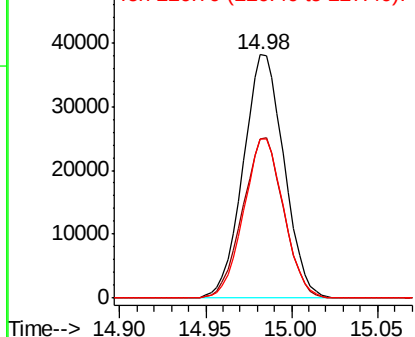


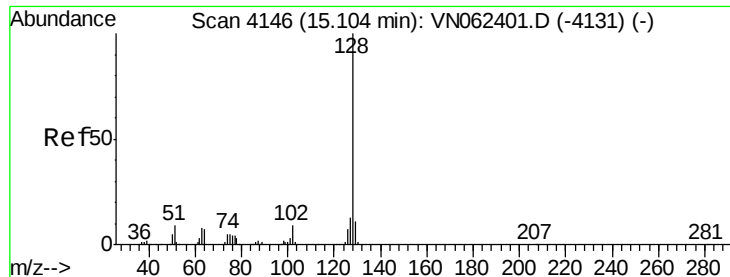
#94
 Hexachlorobutadiene
 Concen: 50.832 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062505.D
 Acq: 10 Jul 2020 20:22

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.5	32.3	96.8
227	63.9	31.9	95.7



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

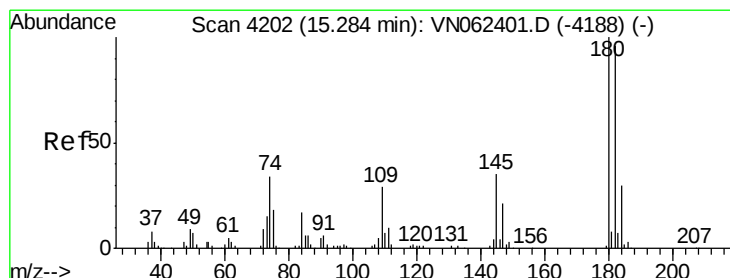
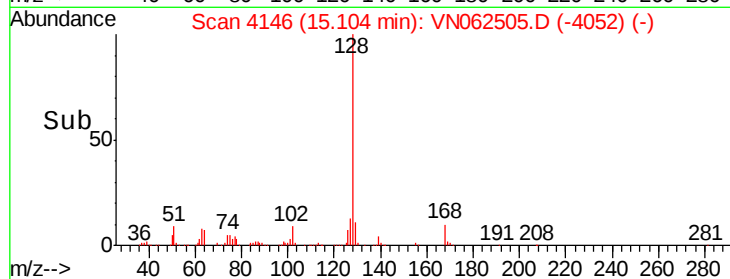
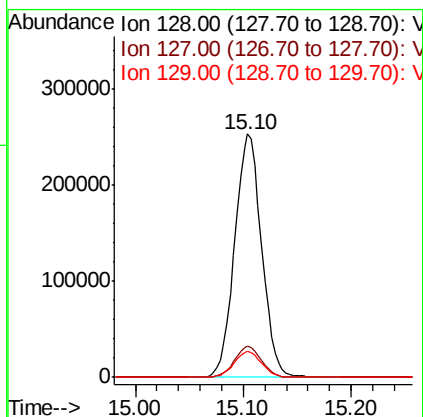
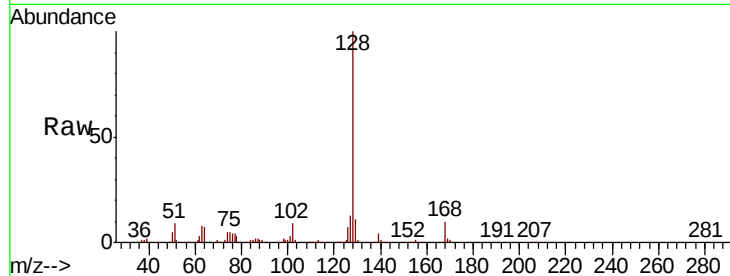




#95
Naphthalene
Concen: 68.505 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062505.D
Acq: 10 Jul 2020 20:22

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:128 Resp: 437267
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 10.8 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 52.598 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN062505.D
Acq: 10 Jul 2020 20:22

Tgt Ion:180 Resp: 132492
Ion Ratio Lower Upper
180 100
182 95.2 47.8 143.4
145 33.0 17.0 50.9

