

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071020\
 Data File : VN062488.D
 Acq On : 10 Jul 2020 13:06
 Operator : JC/MD
 Sample : L3216-09 .75PPB MDL
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 11 03:20:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 11 03:18:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	189700	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	330379	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	296330	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	110552	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	146103	50.07	ug/l	0.00
Spiked Amount			Recovery	=	100.14%	
35) Dibromofluoromethane	7.55	113	103109	50.49	ug/l	0.00
Spiked Amount			Recovery	=	100.98%	
50) Toluene-d8	10.06	98	394168	48.89	ug/l	0.00
Spiked Amount			Recovery	=	97.78%	
62) 4-Bromofluorobenzene	12.38	95	128795	43.72	ug/l	0.00
Spiked Amount			Recovery	=	87.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	1444	0.747	ug/l	92
3) Chloromethane	2.04	50	2631	0.849	ug/l	99
4) Vinyl Chloride	2.16	62	1966	0.774	ug/l	90
5) Bromomethane	2.53	94	1420	1.041	ug/l	94
6) Chloroethane	2.67	64	1355	0.916	ug/l	91
7) Trichlorofluoromethane	2.98	101	2729	0.846	ug/l	98
8) Diethyl Ether	3.38	74	1064	0.738	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	1329	0.695	ug/l #	81
10) Methyl Iodide	3.91	142	1148	0.455	ug/l #	56
11) Tert butyl alcohol	4.74	59	103	0.213	ug/l #	74
12) 1,1-Dichloroethene	3.70	96	1615	0.829	ug/l	88
13) Acrolein	3.57	56	1113	3.188	ug/l #	68
14) Allyl chloride	4.28	41	3059	0.668	ug/l #	86
15) Acrylonitrile	4.94	53	4328	3.409	ug/l #	86
16) Acetone	3.78	43	5039	4.068	ug/l	97
17) Carbon Disulfide	4.01	76	5827	0.955	ug/l	99
18) Methyl Acetate	4.28	43	1576	0.510	ug/l #	86
19) Methyl tert-butyl Ether	4.99	73	5716	0.774	ug/l	98
20) Methylene Chloride	4.50	84	2728	1.030	ug/l	86
21) trans-1,2-Dichloroethene	4.99	96	1082	0.513	ug/l #	54
22) Diisopropyl ether	5.90	45	6679	0.738	ug/l #	71
23) Vinyl Acetate	5.85	43	25701	3.429	ug/l	98
24) 1,1-Dichloroethane	5.79	63	3617	0.774	ug/l #	85
25) 2-Butanone	6.80	43	6452	3.566	ug/l	95
26) 2,2-Dichloropropane	6.77	77	3117	0.870	ug/l #	62
27) cis-1,2-Dichloroethene	6.78	96	1943	0.795	ug/l	94
28) Bromochloromethane	7.15	49	1573	0.619	ug/l #	98
29) Tetrahydrofuran	7.18	42	4297	3.528	ug/l #	83
30) Chloroform	7.33	83	3402	0.806	ug/l	90
31) Cyclohexane	7.62	56	7836	1.768	ug/l #	10
32) 1,1,1-Trichloroethane	7.53	97	2736	0.779	ug/l #	52
36) 1,1-Dichloropropene	7.75	75	2551	0.766	ug/l #	62
37) Ethyl Acetate	6.89	43	1979	0.508	ug/l #	70
38) Carbon Tetrachloride	7.73	117	2337	0.781	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.04	83	2676	0.753	ug/l #	93
40) Benzene	8.00	78	7398	0.754	ug/l	99
41) Methacrylonitrile	7.14	41	1259	0.774	ug/l #	66
42) 1,2-Dichloroethane	8.08	62	3053	0.850	ug/l	87
43) Isopropyl Acetate	8.13	43	4247	0.691	ug/l #	94
44) Trichloroethene	8.80	130	1590	0.731	ug/l	85
45) 1,2-Dichloropropane	9.08	63	2040	0.716	ug/l	90
46) Dibromomethane	9.18	93	1277	0.795	ug/l #	74
47) Bromodichloromethane	9.37	83	2478	0.721	ug/l #	94
48) Methyl methacrylate	9.17	41	1985	0.658	ug/l #	90
49) 1,4-Dioxane	9.16	88	706	16.083	ug/l #	57
51) 4-Methyl-2-Pentanone	9.95	43	12382	3.372	ug/l	96
52) Toluene	10.13	92	4594	0.811	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	2599	0.675	ug/l	89
54) cis-1,3-Dichloropropene	9.81	75	2781	0.655	ug/l	88
55) 1,1,2-Trichloroethane	10.54	97	1565	0.702	ug/l	91
56) Ethyl methacrylate	10.40	69	2256	0.606	ug/l #	92
57) 1,3-Dichloropropane	10.68	76	2999	0.728	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.67	63	2955	2.235	ug/l	98
59) 2-Hexanone	10.73	43	7944	2.980	ug/l	97
60) Dibromochloromethane	10.87	129	1738	0.719	ug/l	94
61) 1,2-Dibromoethane	10.98	107	1418	0.630	ug/l	94
64) Tetrachloroethene	10.60	164	1337	0.760	ug/l	91
65) Chlorobenzene	11.41	112	4676	0.812	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	1649	0.776	ug/l #	60
67) Ethyl Benzene	11.49	91	7940	0.734	ug/l	95
68) m/p-Xylenes	11.60	106	4921	1.286	ug/l	84
69) o-Xylene	11.92	106	2660	0.714	ug/l	99
70) Styrene	11.94	104	4070	0.661	ug/l	93
71) Bromoform	12.10	173	1019	0.654	ug/l #	93
73) Isopropylbenzene	12.23	105	6699	0.783	ug/l	99
74) N-amyl acetate	12.05	43	2629	0.631	ug/l #	76
75) 1,1,2,2-Tetrachloroethane	12.48	83	2652	0.922	ug/l #	91
76) 1,2,3-Trichloropropane	12.53	75	3127	1.153	ug/l #	100
77) Bromobenzene	12.50	156	1663	0.855	ug/l	92
78) n-propylbenzene	12.57	91	7810	0.782	ug/l	100
79) 2-Chlorotoluene	12.65	91	5368	0.885	ug/l	92
80) 1,3,5-Trimethylbenzene	12.71	105	5054	0.721	ug/l	93
81) trans-1,4-Dichloro-2-buten	12.38	75	68344	67.437	ug/l #	10
82) 4-Chlorotoluene	12.75	91	4720	0.767	ug/l	96
83) tert-Butylbenzene	12.97	119	4603	0.773	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	5202	0.746	ug/l	97
85) sec-Butylbenzene	13.15	105	5716	0.725	ug/l	97
86) p-Isopropyltoluene	13.26	119	4516	0.663	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	2852	0.850	ug/l	88
88) 1,4-Dichlorobenzene	13.26	146	2852	0.826	ug/l	90
89) n-Butylbenzene	13.59	91	4236	0.705	ug/l	94
90) Hexachloroethane	13.85	117	1025	0.766	ug/l	95
91) 1,2-Dichlorobenzene	13.63	146	2641	0.814	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.25	75	359	0.684	ug/l #	49

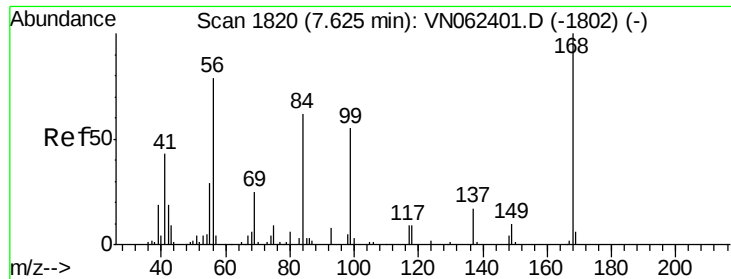
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	917	0.627	ug/l #	62
94) Hexachlorobutadiene	14.98	225	623	0.723	ug/l	85
95) Naphthalene	15.11	128	2508	0.608	ug/l #	82
96) 1,2,3-Trichlorobenzene	15.29	180	965	0.634	ug/l #	78

(#) = 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: VN062488.D

Acq: 10 Jul 2020 13:06

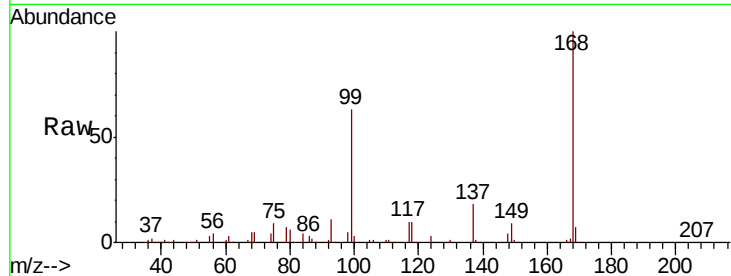
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 189700

Ion Ratio Lower Upper

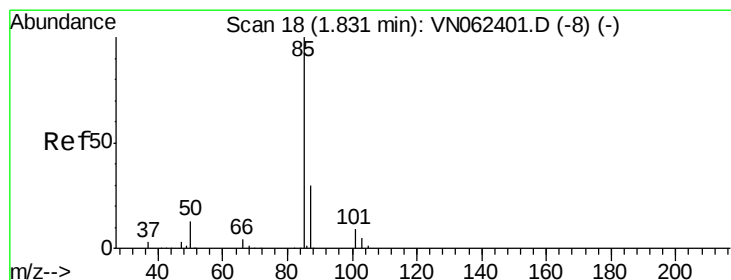
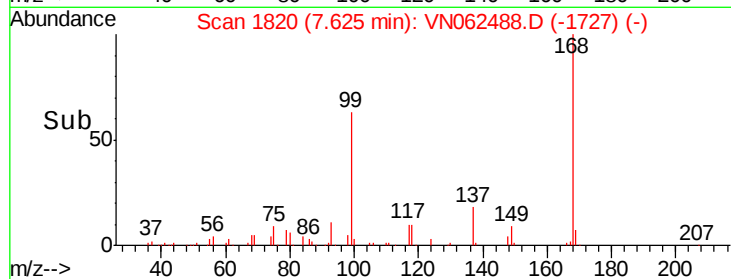
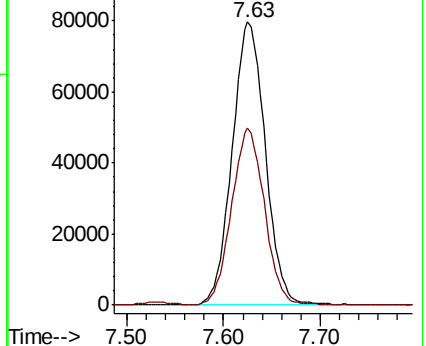
168 100

99 62.3 48.8 73.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 0.747 ug/l

RT: 1.83 min Scan# 19

Delta R.T. 0.00 min

Lab File: VN062488.D

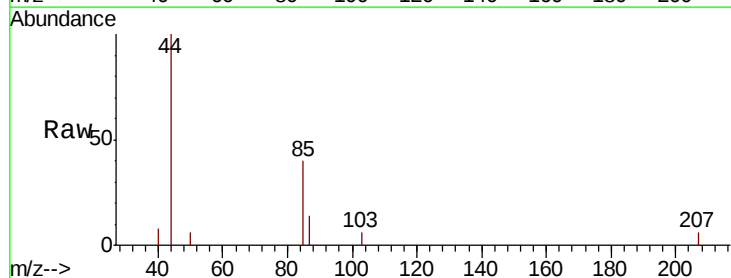
Acq: 10 Jul 2020 13:06

Tgt Ion: 85 Resp: 1444

Ion Ratio Lower Upper

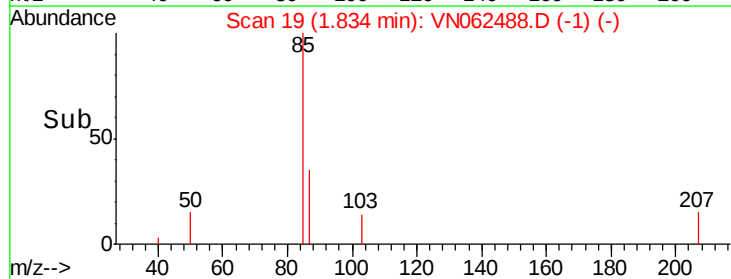
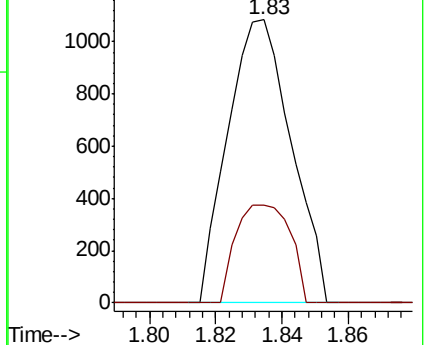
85 100

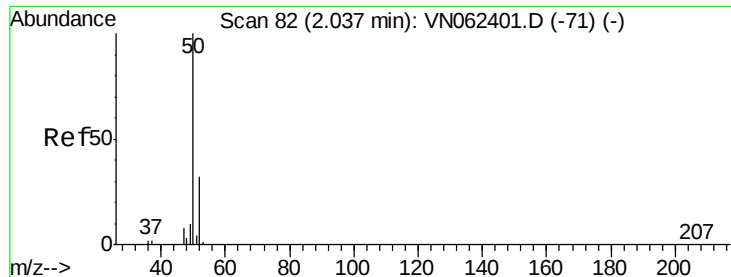
87 34.6 15.2 45.5



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 0.849 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN062488.D

Acq: 10 Jul 2020 13:06

Instrument :

MSVOA_N

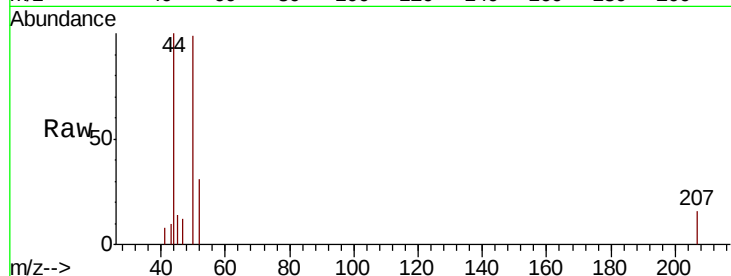
ClientSampled :

Tot Ion: 50 Resp: 2631

Ion Ratio Lower Upper

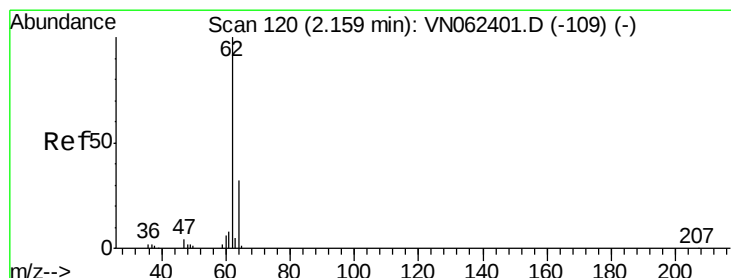
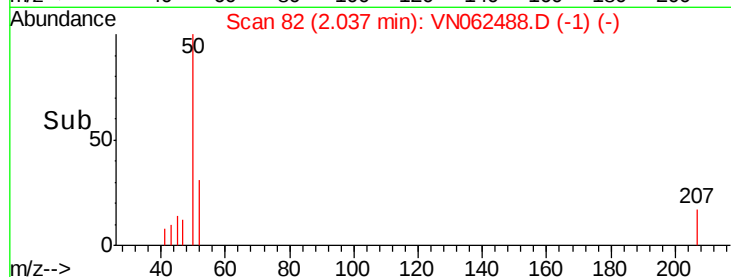
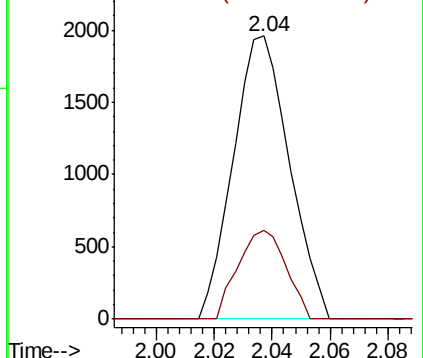
50 100

52 31.2 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 0.774 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062488.D

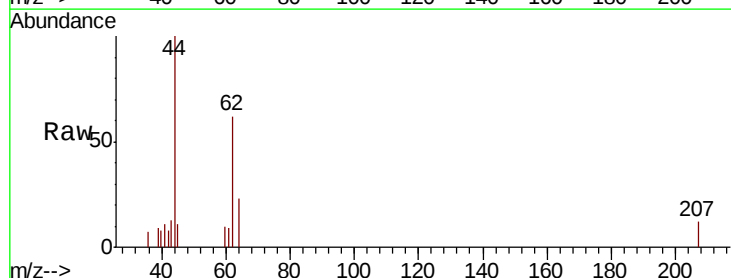
Acq: 10 Jul 2020 13:06

Tgt Ion: 62 Resp: 1966

Ion Ratio Lower Upper

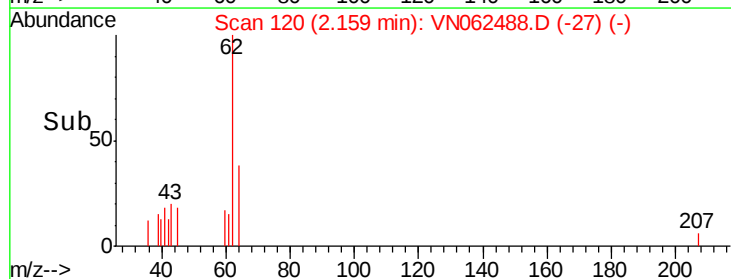
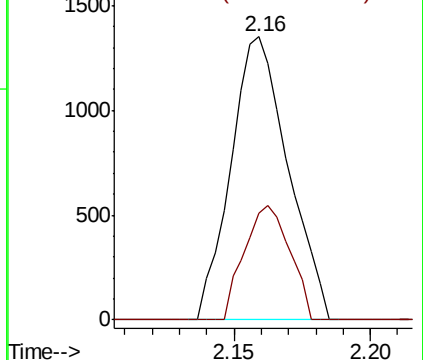
62 100

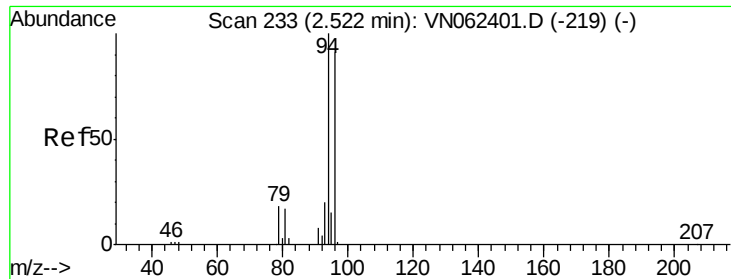
64 37.6 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 1.041 ug/l

RT: 2.53 min Scan# 236

Delta R.T. 0.01 min

Lab File: VN062488.D

Acq: 10 Jul 2020 13:06

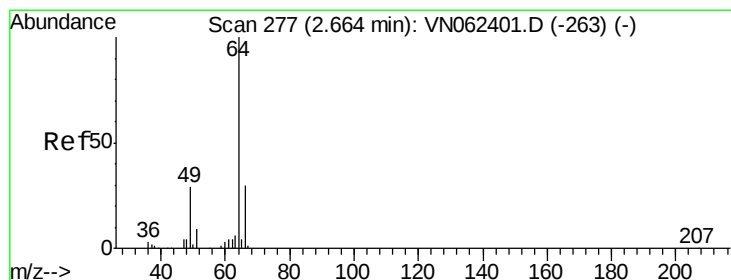
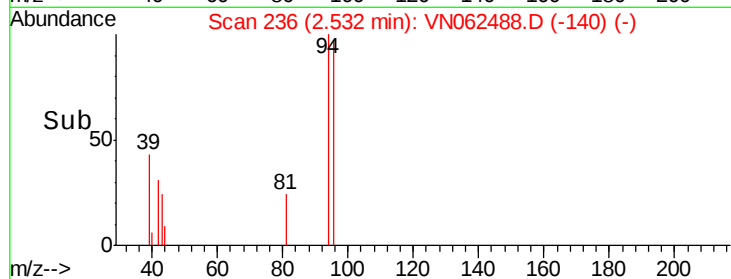
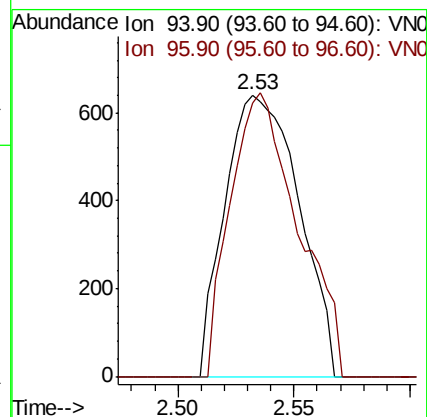
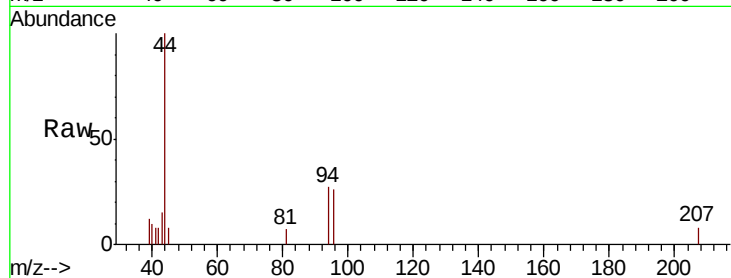
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 94 Resp: 1420

Ion Ratio Lower Upper

94 100

96 97.0 73.2 109.8



#6

Chloroethane

Concen: 0.916 ug/l

RT: 2.67 min Scan# 278

Delta R.T. 0.00 min

Lab File: VN062488.D

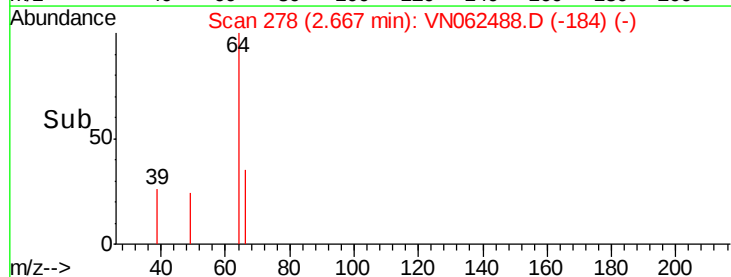
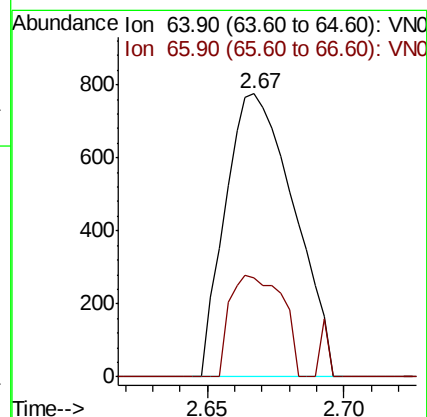
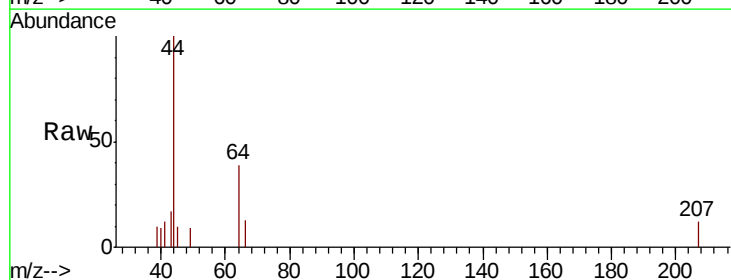
Acq: 10 Jul 2020 13:06

Tgt Ion: 64 Resp: 1355

Ion Ratio Lower Upper

64 100

66 34.8 24.2 36.2



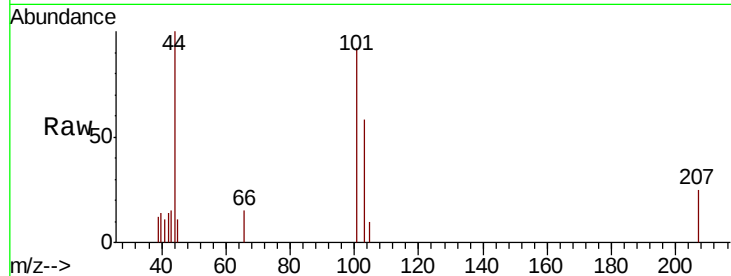


#7

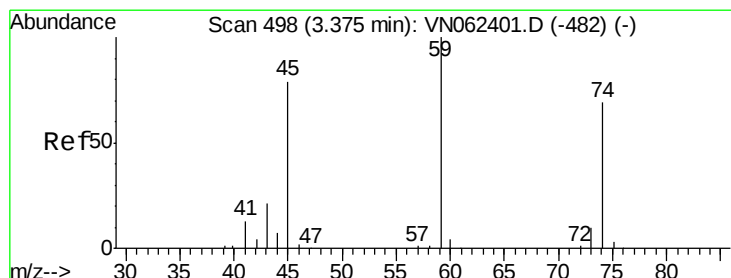
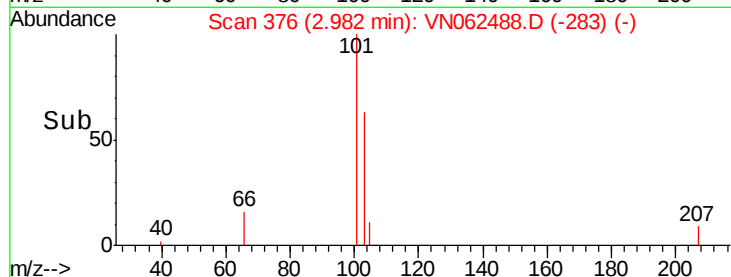
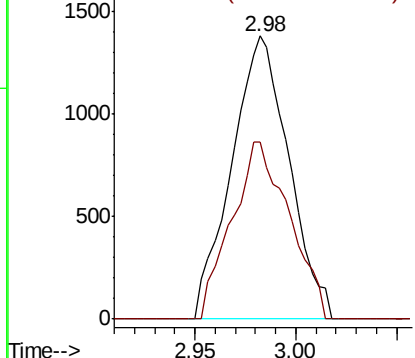
Trichlorofluoromethane
 Concen: 0.846 ug/l
 RT: 2.98 min Scan# 376
 Delta R.T. 0.00 min
 Lab File: VN062488.D
 Acq: 10 Jul 2020 13:06

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:101 Resp: 2729
 Ion Ratio Lower Upper
 101 100
 103 62.6 51.6 77.4



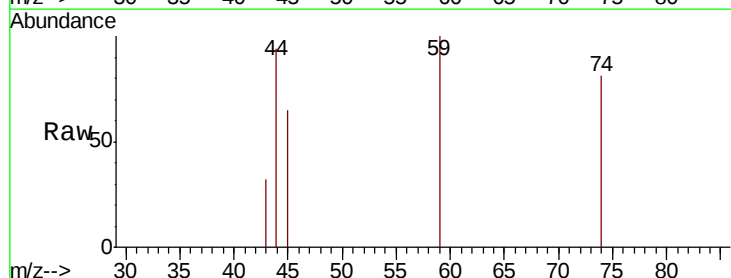
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



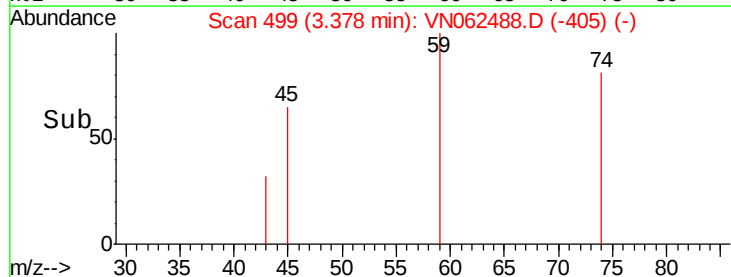
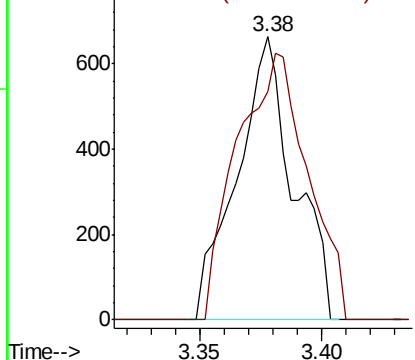
#8

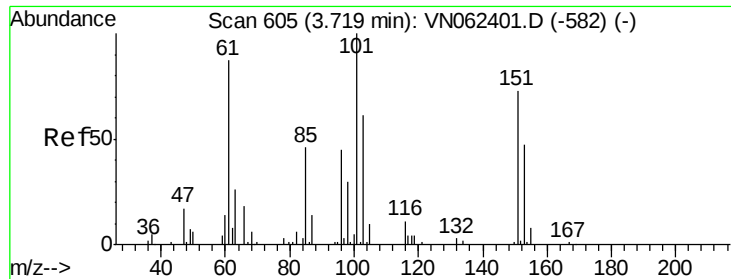
Diethyl Ether
 Concen: 0.738 ug/l
 RT: 3.38 min Scan# 499
 Delta R.T. 0.00 min
 Lab File: VN062488.D
 Acq: 10 Jul 2020 13:06

Tgt Ion: 74 Resp: 1064
 Ion Ratio Lower Upper
 74 100
 45 118.6 58.5 175.3



Abundance Ion 74.00 (73.70 to 74.70): VNO
 Ion 45.00 (44.70 to 45.70): VNO





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.695 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.01 min

Lab File: VN062488.D

Acq: 10 Jul 2020 13:06

Instrument :

MSVOA_N

ClientSampled :

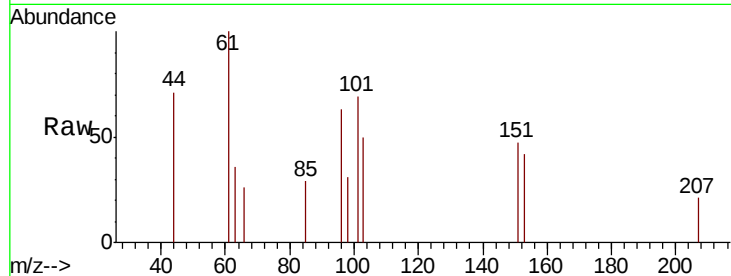
Tot Ion:101 Resp: 1329

Ion Ratio Lower Upper

101 100

85 40.0 36.7 55.1

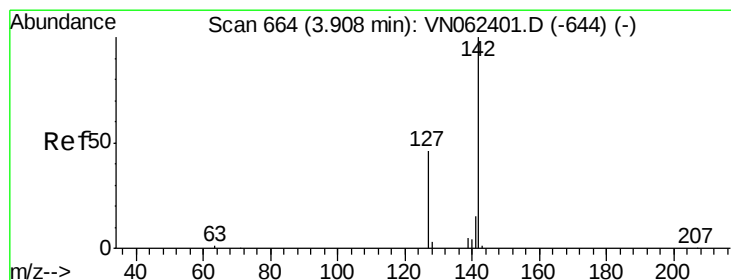
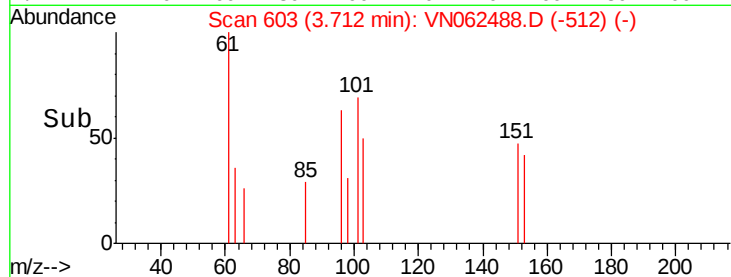
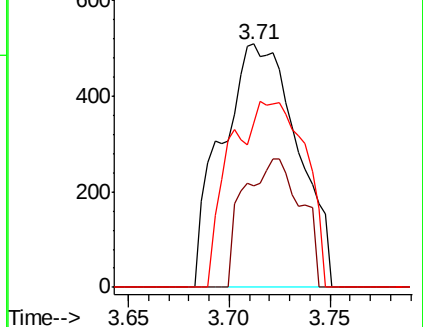
151 52.3 58.3 87.5#



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 0.455 ug/l

RT: 3.91 min Scan# 664

Delta R.T. 0.00 min

Lab File: VN062488.D

Acq: 10 Jul 2020 13:06

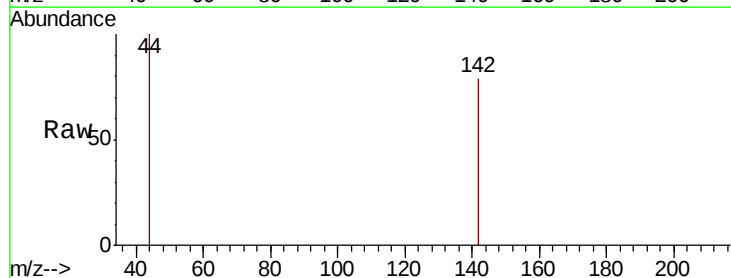
Tgt Ion:142 Resp: 1148

Ion Ratio Lower Upper

142 100

127 14.3 36.1 54.1#

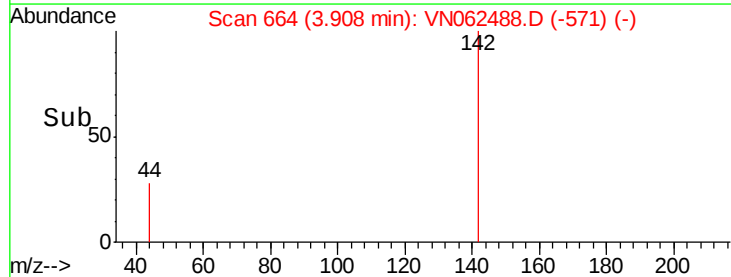
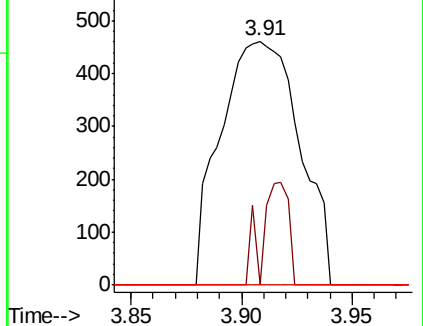
141 0.0 11.4 17.0#

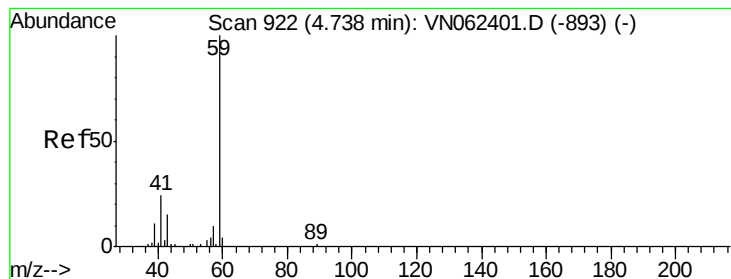


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 0.213 ug/l

RT: 4.74 min Scan# 922

Delta R.T. 0.00 min

Lab File: VN062488.D

Acq: 10 Jul 2020 13:06

Instrument :

MSVOA_N

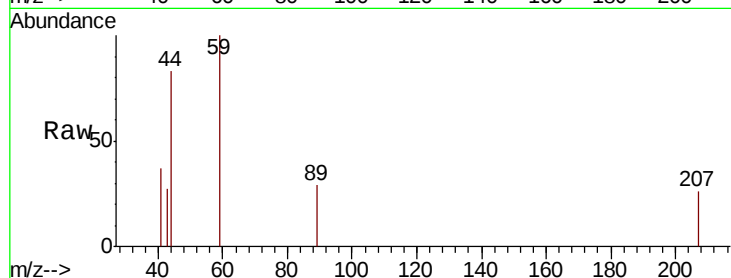
ClientSampleId :

Tot Ion: 59 Resp: 103

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0

4.74

600

400

200

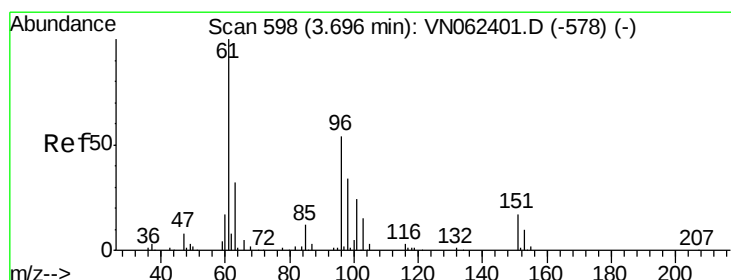
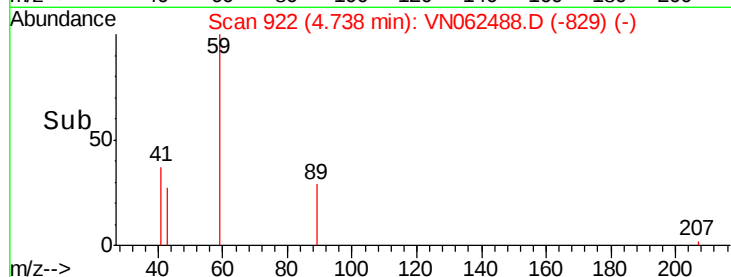
0

Time-->

4.73

4.74

4.75



#12

1,1-Dichloroethene

Concen: 0.829 ug/l

RT: 3.70 min Scan# 598

Delta R.T. 0.00 min

Lab File: VN062488.D

Acq: 10 Jul 2020 13:06

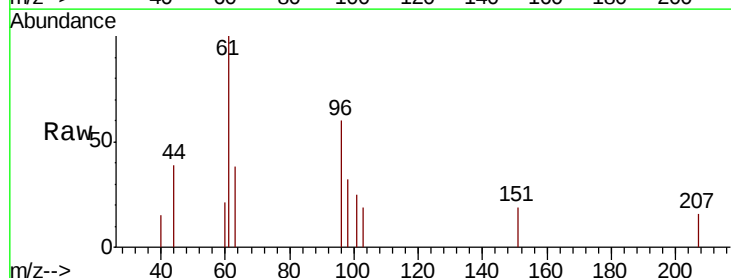
Tgt Ion: 96 Resp: 1615

Ion Ratio Lower Upper

96 100

61 167.5 147.4 221.0

98 54.2 50.4 75.6



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

1500

1000

500

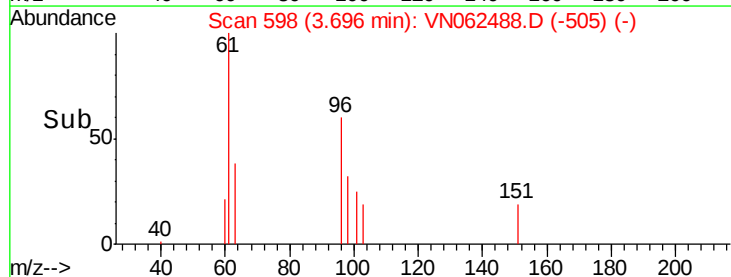
0

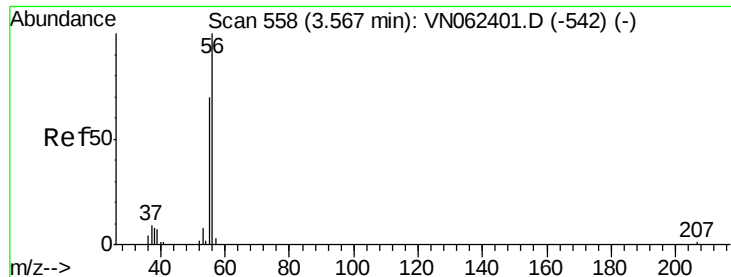
Time-->

3.65

3.70

3.75





#13

Acrolein

Concen: 3.188 ug/l

RT: 3.57 min Scan# 559

Delta R.T. 0.00 min

Lab File: VN062488.D

Acq: 10 Jul 2020 13:06

Instrument :

MSVOA_N

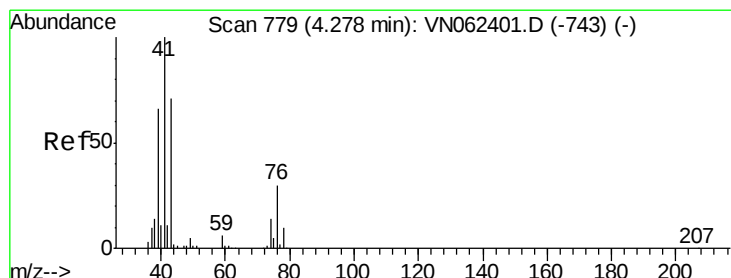
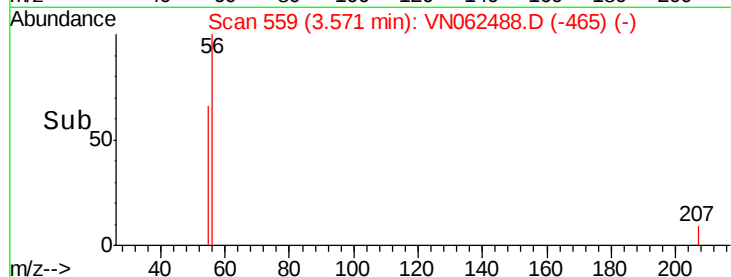
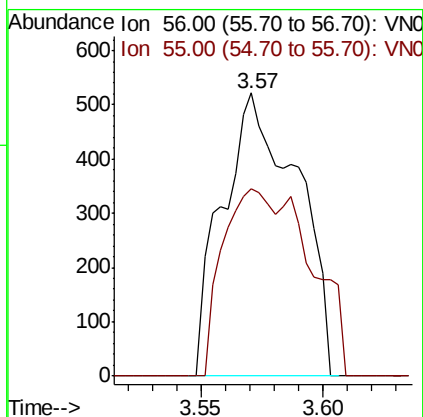
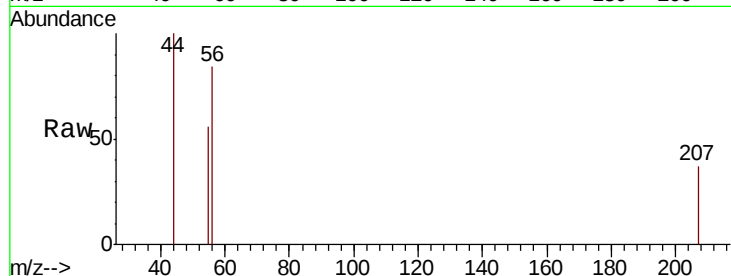
ClientSampleId :

Tot Ion: 56 Resp: 1113

Ion Ratio Lower Upper

56 100

55 45.2 57.2 85.8#



#14

Allyl chloride

Concen: 0.668 ug/l

RT: 4.28 min Scan# 780

Delta R.T. 0.00 min

Lab File: VN062488.D

Acq: 10 Jul 2020 13:06

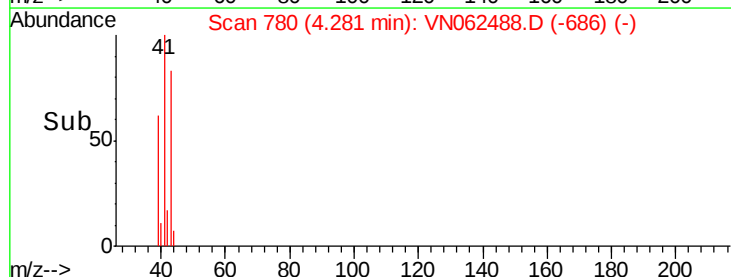
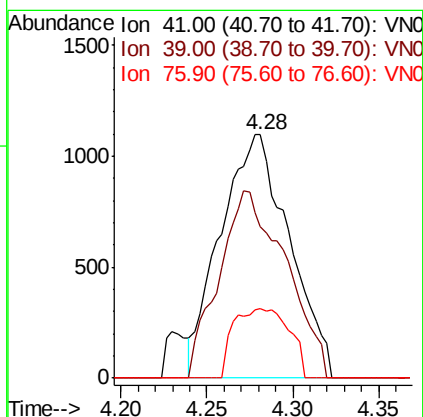
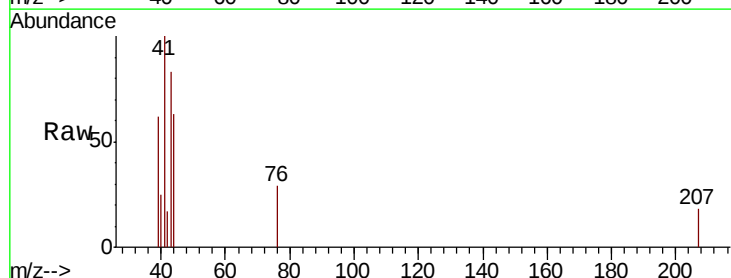
Tgt Ion: 41 Resp: 3059

Ion Ratio Lower Upper

41 100

39 74.5 49.6 74.4#

76 23.0 22.2 33.4





#15

Acrylonitrile

Concen: 3.409 ug/l

RT: 4.94 min Scan# 986

Delta R.T. 0.01 min

Lab File: VN062488.D

Acq: 10 Jul 2020 13:06

Instrument :

MSVOA_N

ClientSampleId :

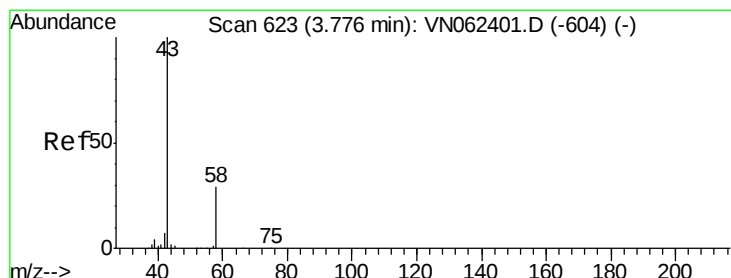
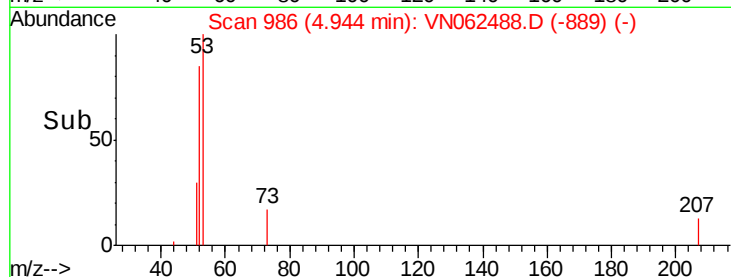
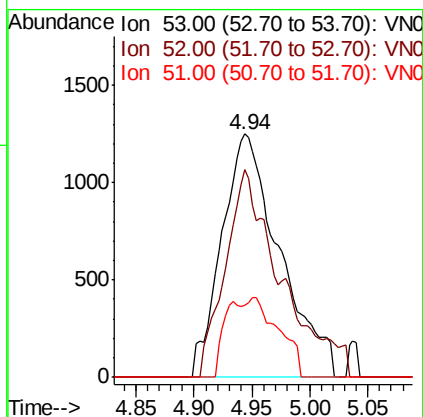
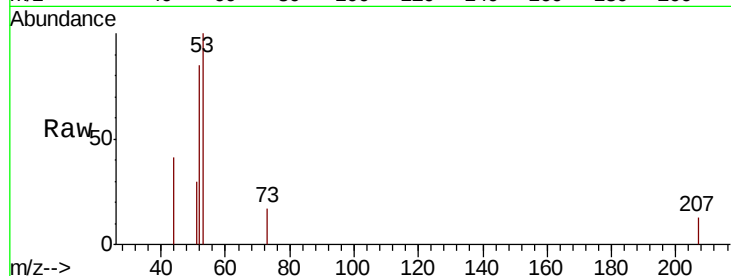
Tot Ion: 53 Resp: 4328

Ion Ratio Lower Upper

53 100

52 81.9 66.2 99.4

51 9.9 28.7 43.1#



#16

Acetone

Concen: 4.068 ug/l

RT: 3.78 min Scan# 624

Delta R.T. 0.00 min

Lab File: VN062488.D

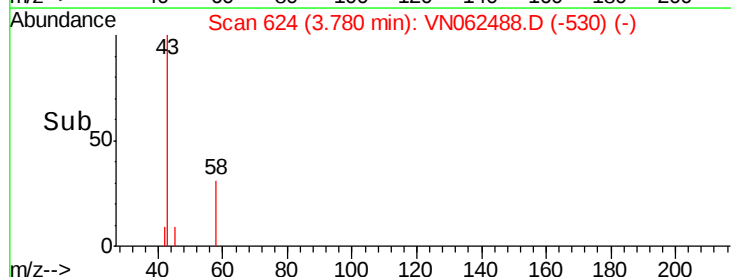
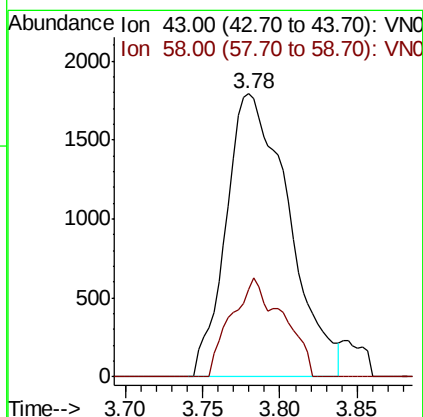
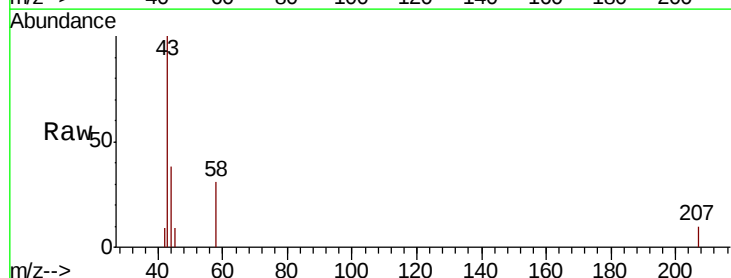
Acq: 10 Jul 2020 13:06

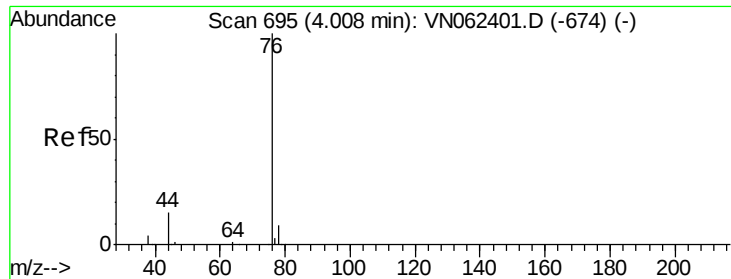
Tgt Ion: 43 Resp: 5039

Ion Ratio Lower Upper

43 100

58 31.1 23.5 35.3

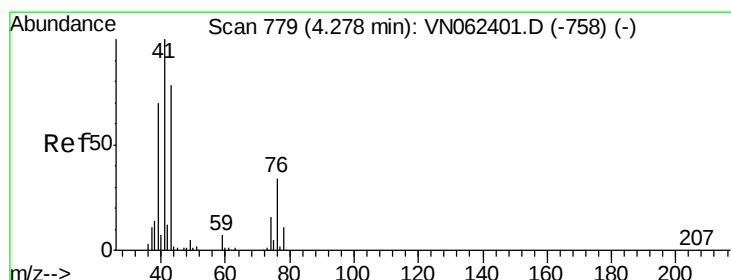
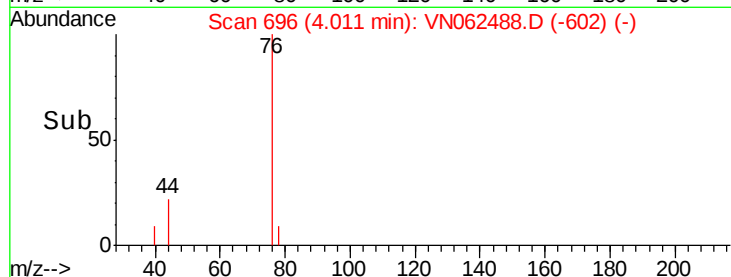
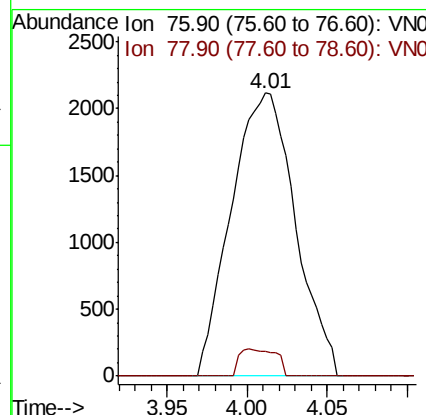
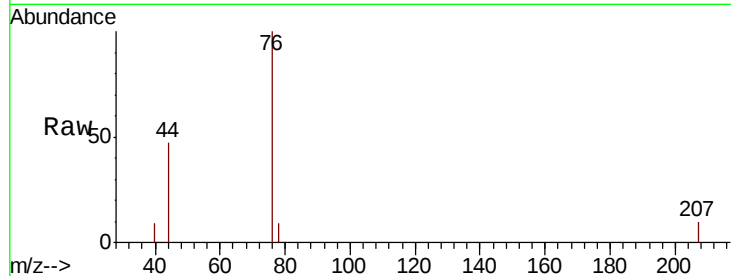




#17
Carbon Disulfide
Concen: 0.955 ug/l
RT: 4.01 min Scan# 696
Delta R.T. 0.00 min
Lab File: VN062488.D
Acq: 10 Jul 2020 13:06

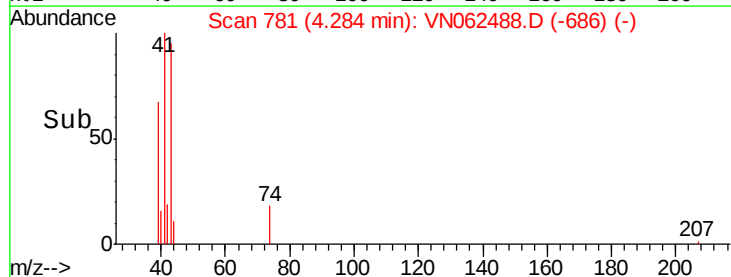
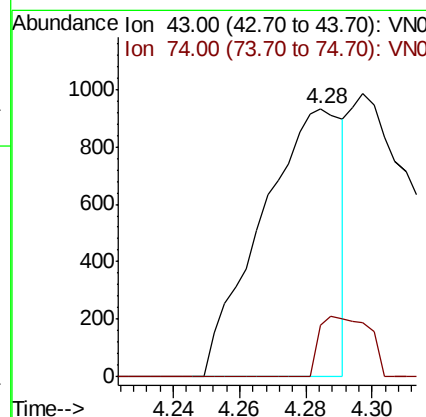
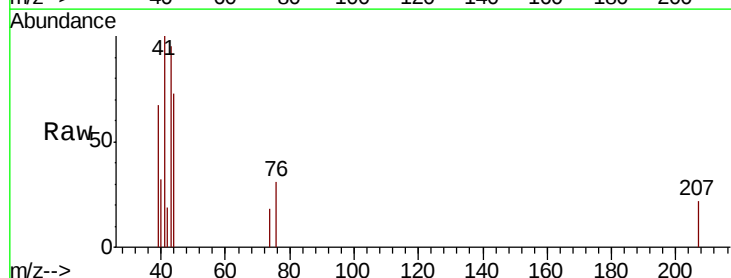
Instrument :
MSVOA_N
ClientSampleId :

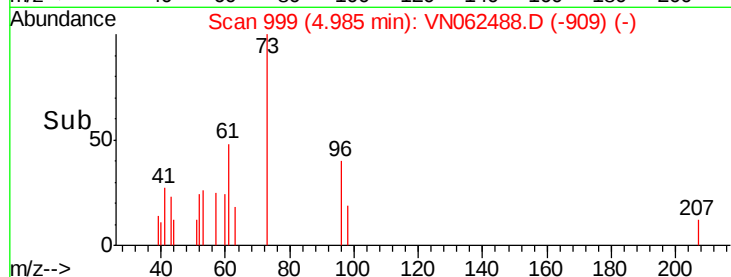
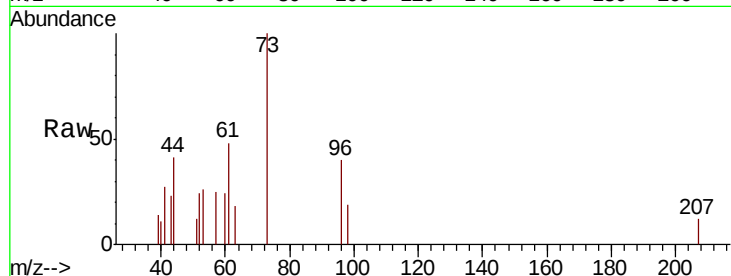
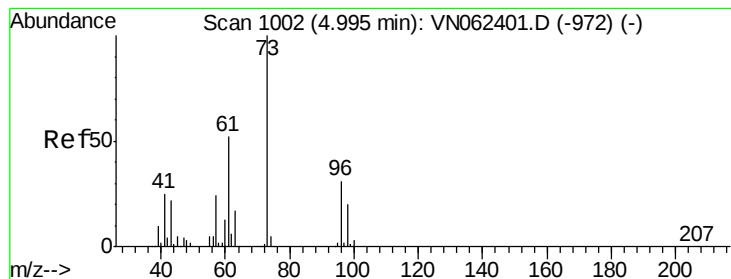
Tot Ion: 76 Resp: 5827
Ion Ratio Lower Upper
76 100
78 8.6 7.3 10.9



#18
Methyl Acetate
Concen: 0.510 ug/l
RT: 4.28 min Scan# 781
Delta R.T. 0.01 min
Lab File: VN062488.D
Acq: 10 Jul 2020 13:06

Tgt Ion: 43 Resp: 1576
Ion Ratio Lower Upper
43 100
74 13.8 16.0 24.0#



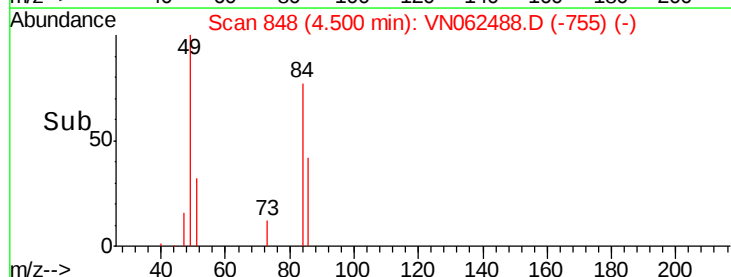
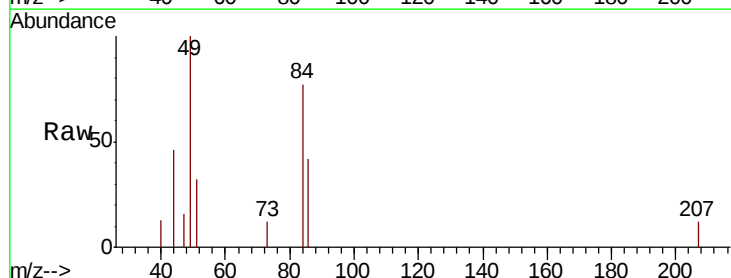
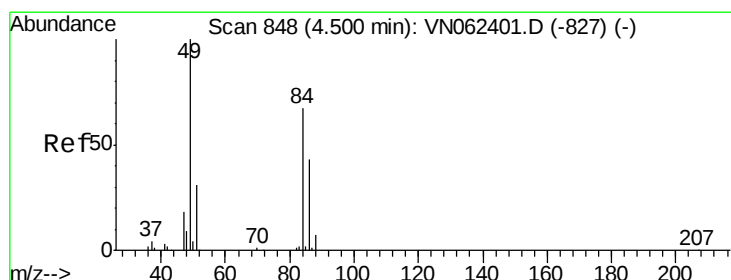
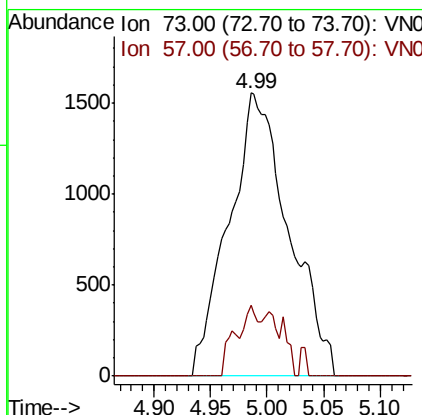


#19

Methyl tert-butyl Ether
Concen: 0.774 ug/l
RT: 4.99 min Scan# 999
Delta R.T. -0.01 min
Lab File: VN062488.D
Acq: 10 Jul 2020 13:06

Instrument :
MSVOA_N
ClientSampled :

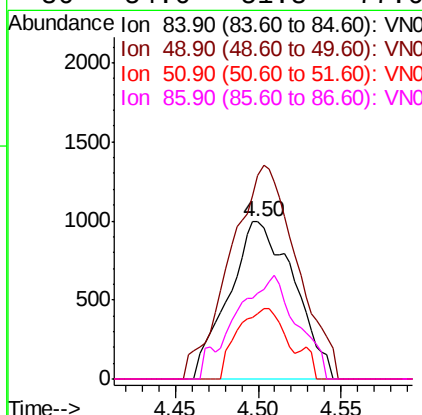
Tot Ion: 73 Resp: 5716
Ion Ratio Lower Upper
73 100
57 25.2 19.4 29.0

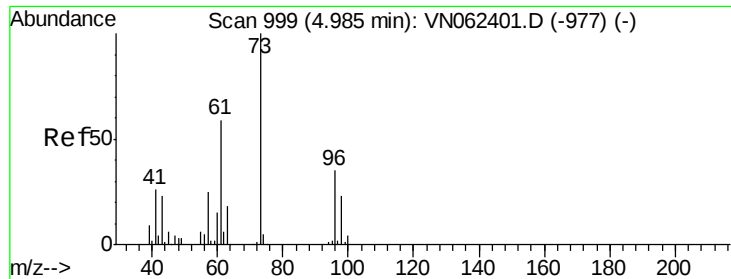


#20

Methylene Chloride
Concen: 1.030 ug/l
RT: 4.50 min Scan# 848
Delta R.T. 0.00 min
Lab File: VN062488.D
Acq: 10 Jul 2020 13:06

Tgt Ion: 84 Resp: 2728
Ion Ratio Lower Upper
84 100
49 129.3 120.0 180.0
51 41.1 37.0 55.6
86 54.6 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 0.513 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN062488.D

Acq: 10 Jul 2020 13:06

Instrument :

MSVOA_N

ClientSampleId :

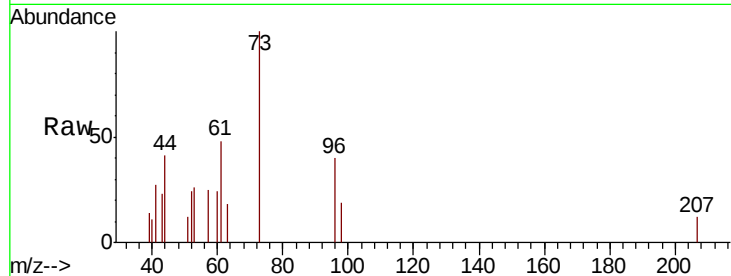
Tot Ion: 96 Resp: 1082

Ion Ratio Lower Upper

96 100

61 93.0 133.5 200.3#

98 46.6 51.9 77.9#

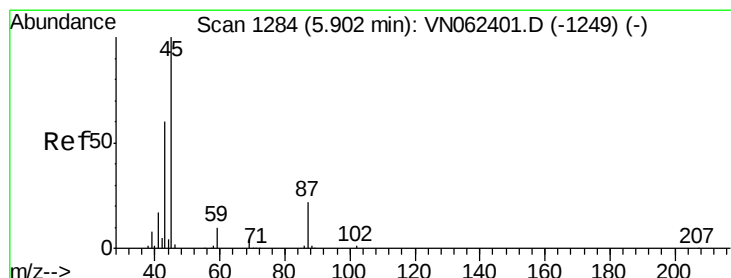
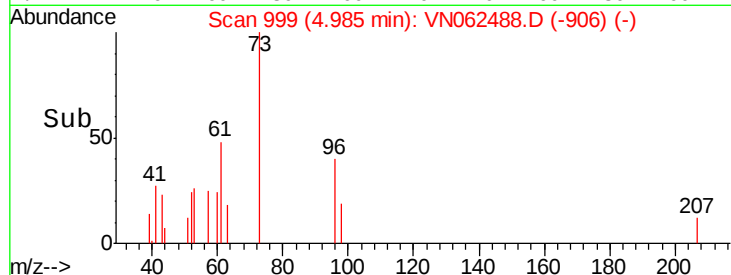
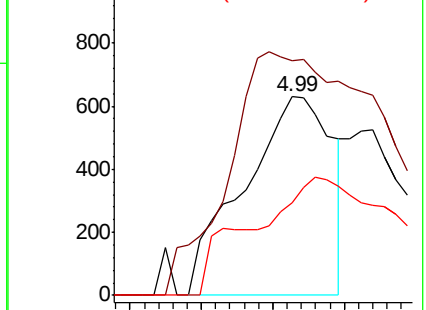


Abundance

Ion 95.90 (95.60 to 96.60): VNC

Ion 60.90 (60.60 to 61.60): VNC

Ion 97.90 (97.60 to 98.60): VNC



#22

Diisopropyl ether

Concen: 0.738 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VN062488.D

Acq: 10 Jul 2020 13:06

Tgt Ion: 45 Resp: 6679

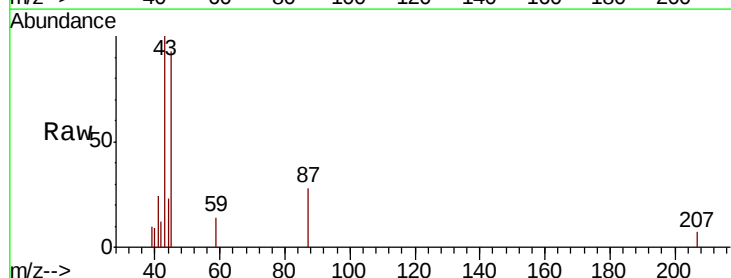
Ion Ratio Lower Upper

45 100

43 90.7 50.1 75.1#

87 29.9 18.2 27.4#

59 15.5 8.2 12.2#



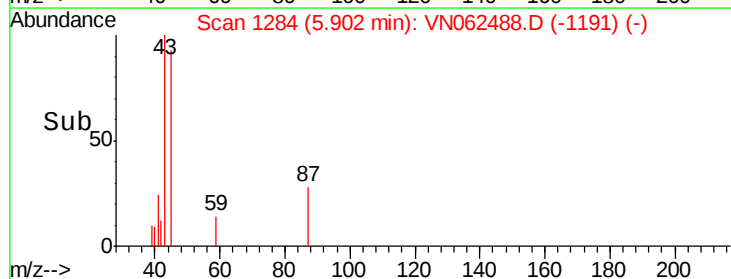
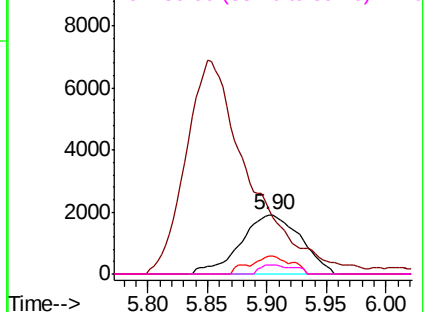
Abundance

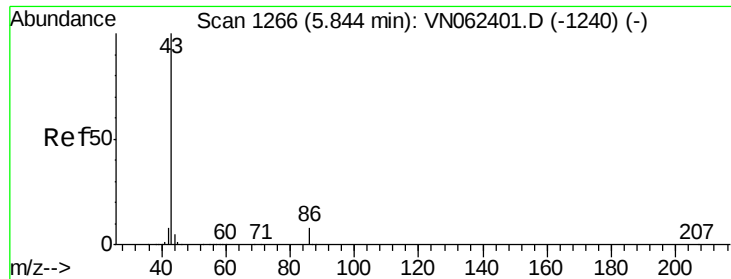
Ion 45.00 (44.70 to 45.70): VNC

Ion 43.00 (42.70 to 43.70): VNC

Ion 87.00 (86.70 to 87.70): VNC

Ion 59.00 (58.70 to 59.70): VNC





#23

Vinyl Acetate

Concen: 3.429 ug/l

RT: 5.85 min Scan# 1268

Delta R.T. 0.01 min

Lab File: VN062488.D

Acq: 10 Jul 2020 13:06

Instrument :

MSVOA_N

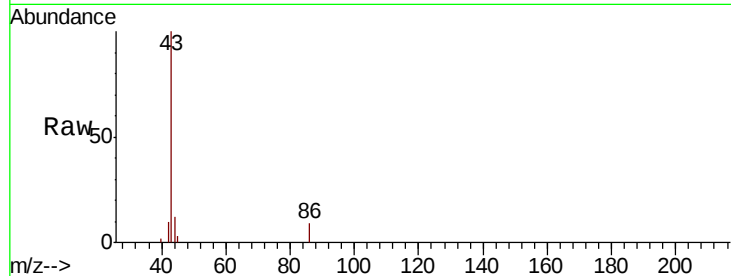
ClientSampleId :

Tot Ion: 43 Resp: 25701

Ion Ratio Lower Upper

43 100

86 9.3 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) (-)

8000

6000

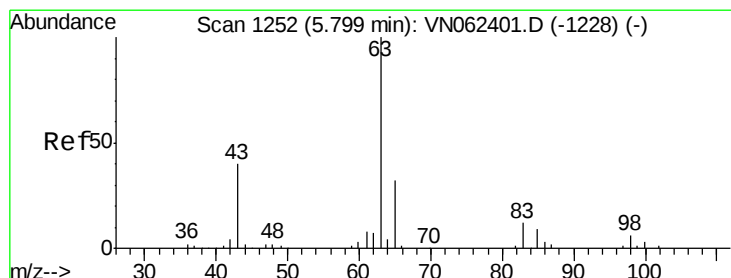
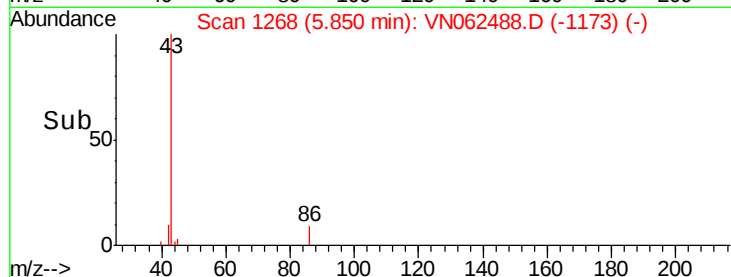
4000

2000

0

5.80 5.85 5.90 6.00

Time-->



#24

1,1-Dichloroethane

Concen: 0.774 ug/l

RT: 5.79 min Scan# 1250

Delta R.T. -0.01 min

Lab File: VN062488.D

Acq: 10 Jul 2020 13:06

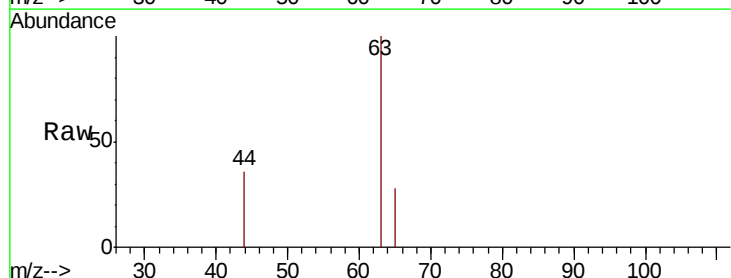
Tgt Ion: 63 Resp: 3617

Ion Ratio Lower Upper

63 100

98 0.0 2.9 8.8#

100 0.0 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) (-)

1500

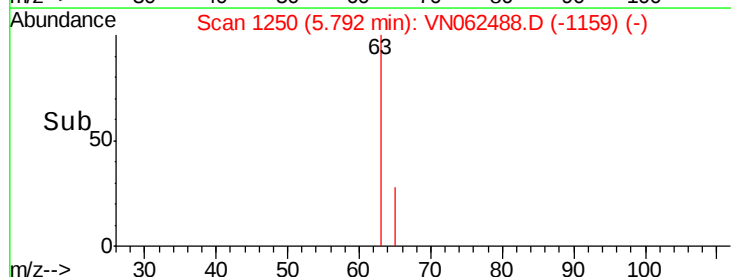
1000

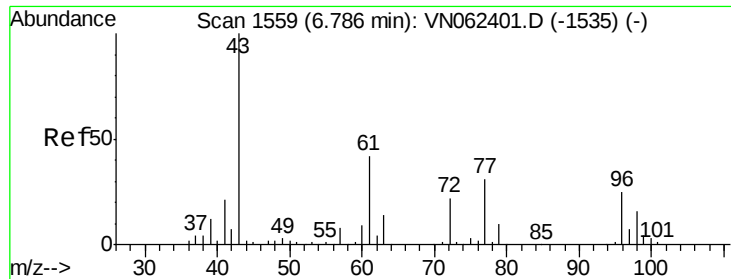
500

0

5.75 5.80 5.85

Time-->

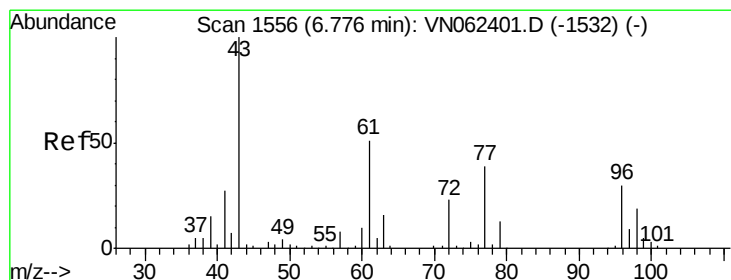
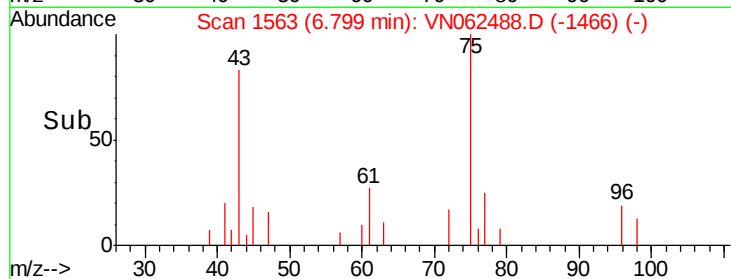
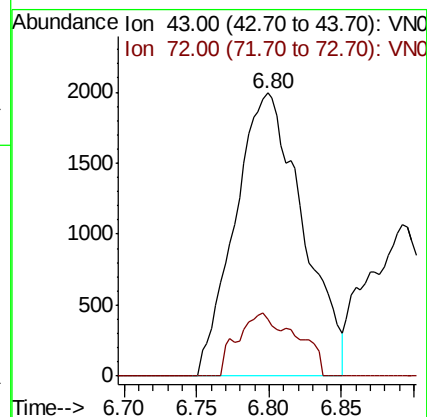
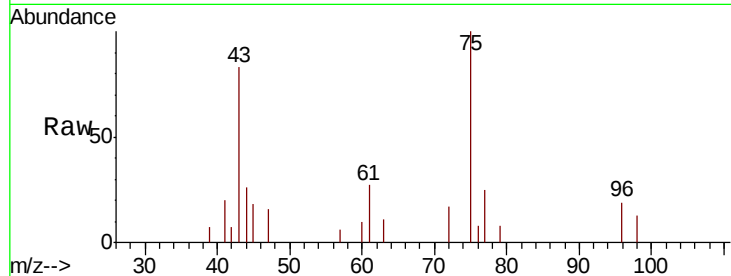




#25
2-Butanone
Concen: 3.566 ug/l
RT: 6.80 min Scan# 1563
Delta R.T. 0.01 min
Lab File: VN062488.D
Acq: 10 Jul 2020 13:06

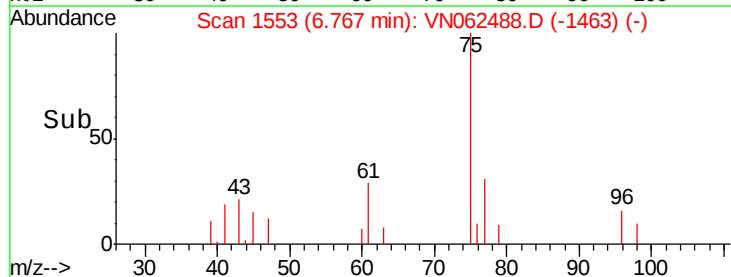
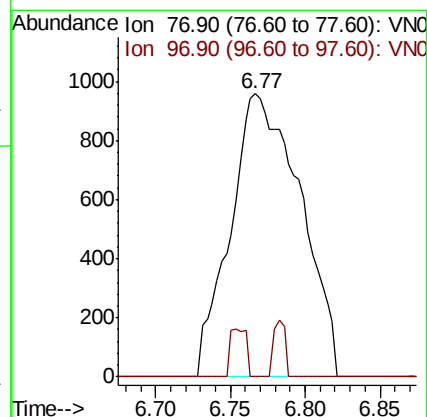
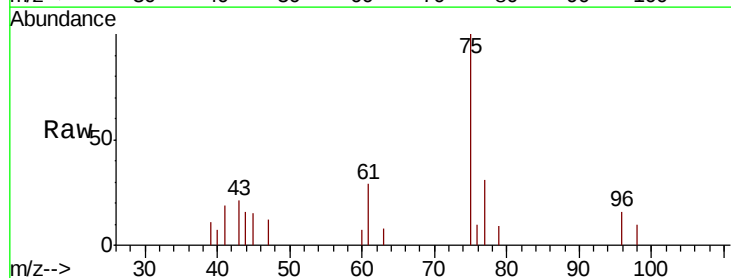
Instrument :
MSVOA_N
ClientSampled :

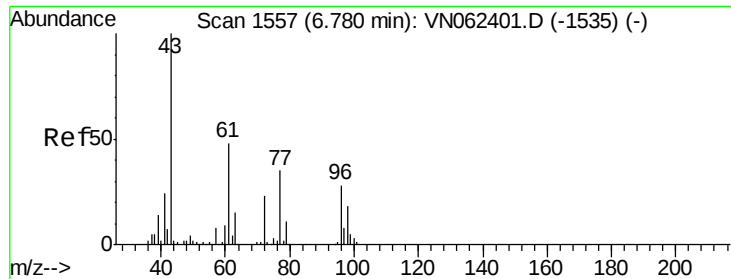
Tot Ion: 43 Resp: 6452
Ion Ratio Lower Upper
43 100
72 20.0 17.9 26.9



#26
2,2-Dichloropropane
Concen: 0.870 ug/l
RT: 6.77 min Scan# 1553
Delta R.T. -0.01 min
Lab File: VN062488.D
Acq: 10 Jul 2020 13:06

Tgt Ion: 77 Resp: 3117
Ion Ratio Lower Upper
77 100
97 3.9 10.9 32.9#

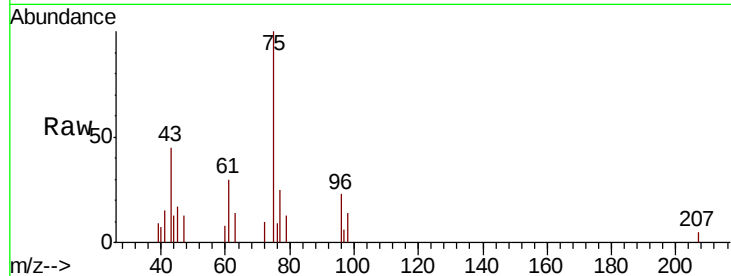




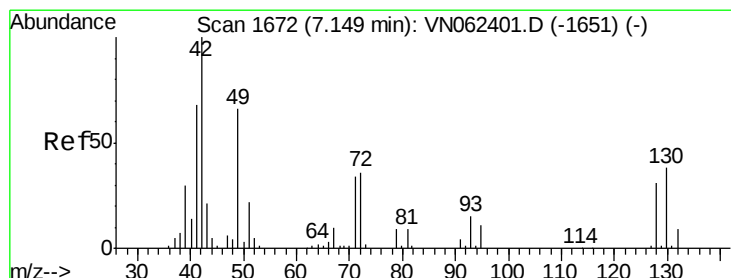
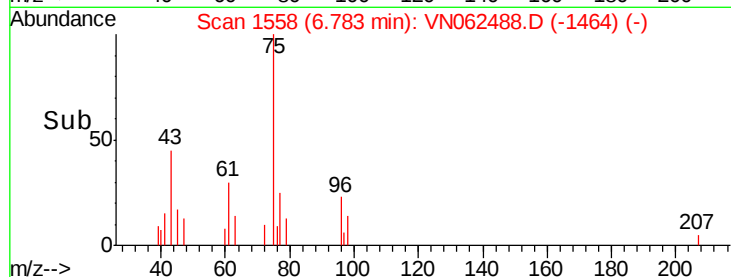
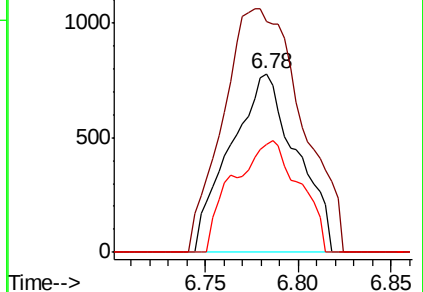
#27
 cis-1,2-Dichloroethene
 Concen: 0.795 ug/l
 RT: 6.78 min Scan# 1557
 Delta R.T. 0.00 min
 Lab File: VN062488.D
 Acq: 10 Jul 2020 13:06

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 96 Resp: 1943
 Ion Ratio Lower Upper
 96 100
 61 162.0 0.0 343.4
 98 62.2 0.0 128.4

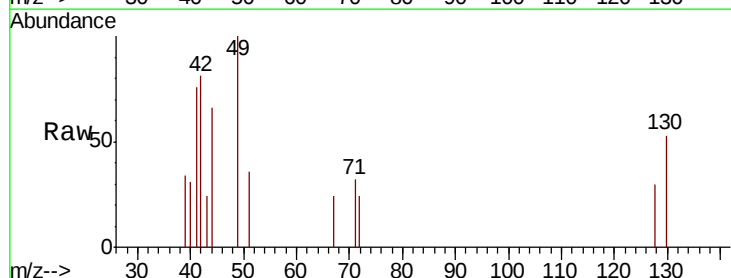


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

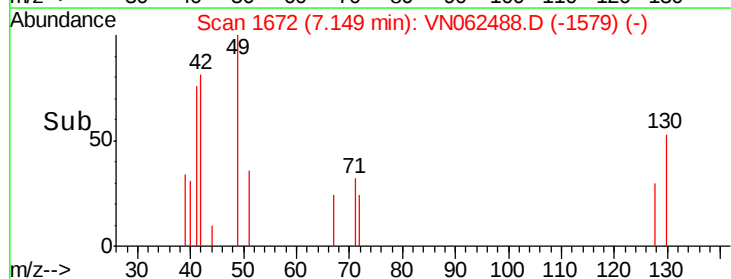
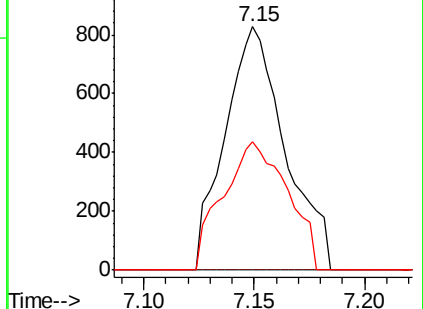


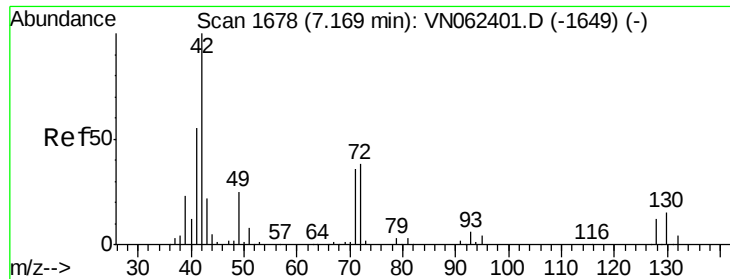
#28
 Bromochloromethane
 Concen: 0.619 ug/l
 RT: 7.15 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: VN062488.D
 Acq: 10 Jul 2020 13:06

Tgt Ion: 49 Resp: 1573
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 2.8
 130 56.3 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

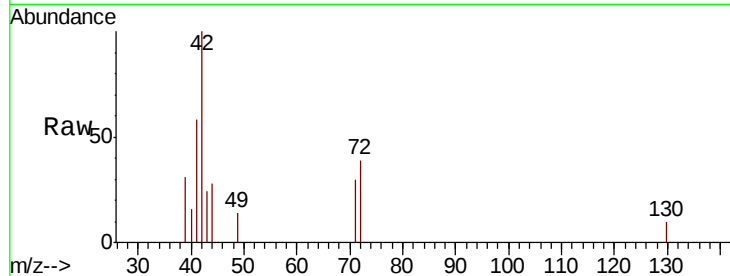




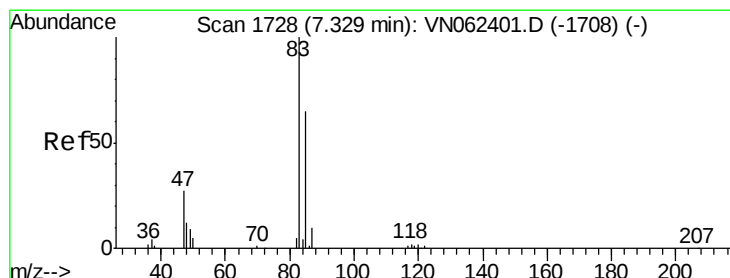
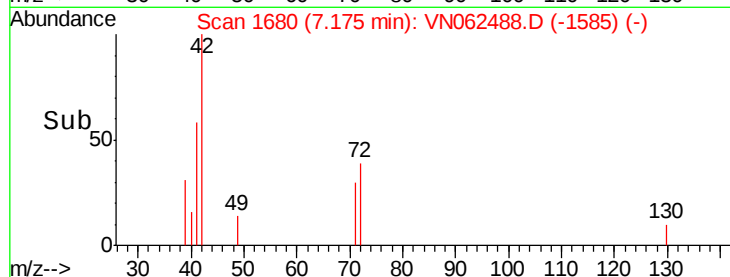
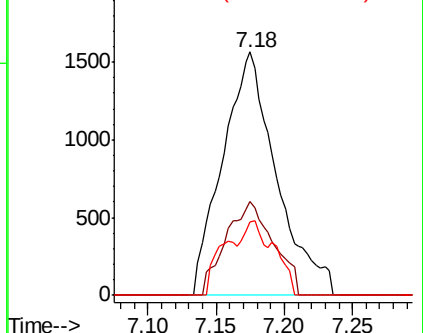
#29
Tetrahydrofuran
Concen: 3.528 ug/l
RT: 7.18 min Scan# 1680
Delta R.T. 0.01 min
Lab File: VN062488.D
Acq: 10 Jul 2020 13:06

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 42 Resp: 4297
Ion Ratio Lower Upper
42 100
72 34.0 29.1 43.7
71 18.0 28.1 42.1#

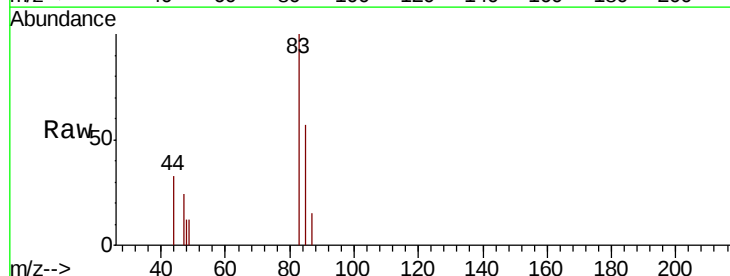


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

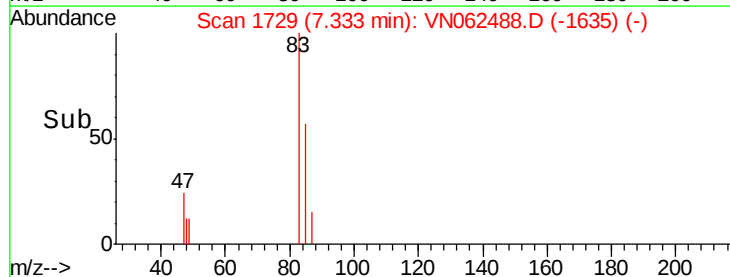
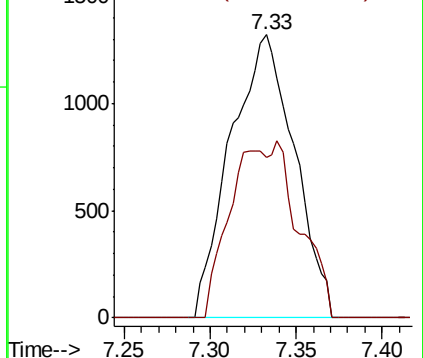


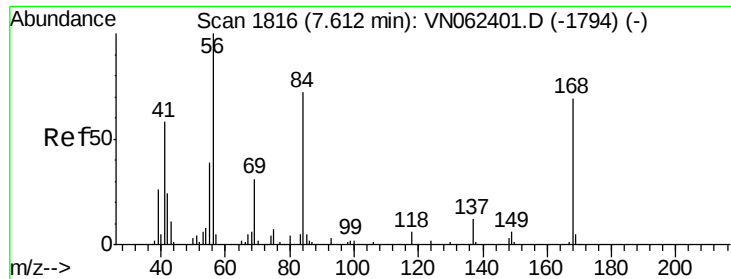
#30
Chloroform
Concen: 0.806 ug/l
RT: 7.33 min Scan# 1729
Delta R.T. 0.00 min
Lab File: VN062488.D
Acq: 10 Jul 2020 13:06

Tgt Ion: 83 Resp: 3402
Ion Ratio Lower Upper
83 100
85 56.7 51.8 77.6



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





#31

Cvclohexane

Concen: 1.768 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. 0.01 min

Lab File: VN062488.D

Acq: 10 Jul 2020 13:06

Instrument :
MSVOA_N
ClientSampled :

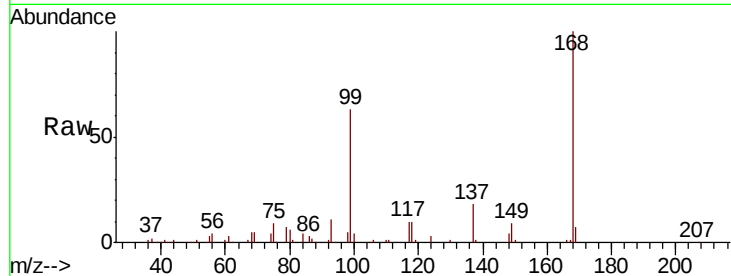
Tot Ion: 56 Resp: 7836

Ion Ratio Lower Upper

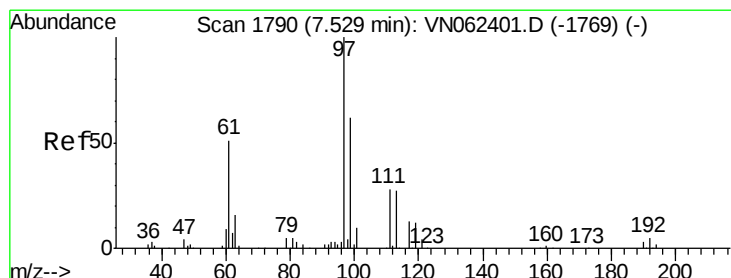
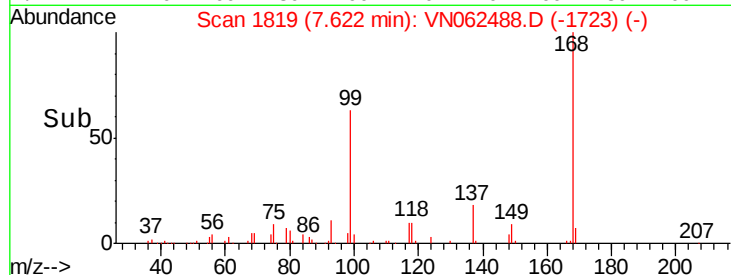
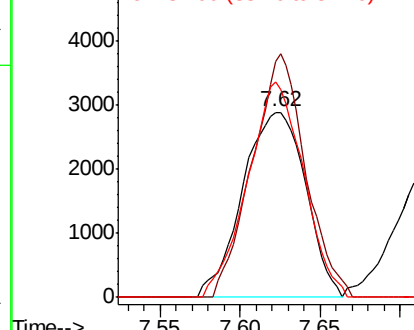
56 100

69 127.5 24.5 36.7#

84 116.3 57.4 86.2#



Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 0.779 ug/l

RT: 7.53 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VN062488.D

Acq: 10 Jul 2020 13:06

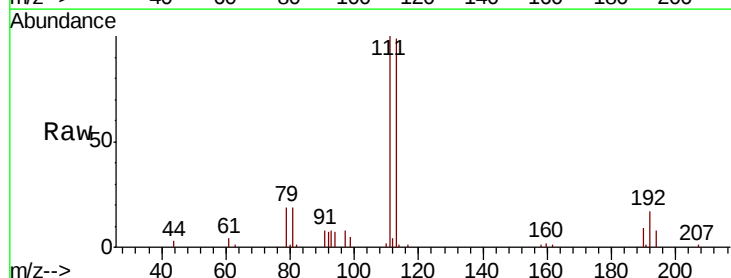
Tgt Ion: 97 Resp: 2736

Ion Ratio Lower Upper

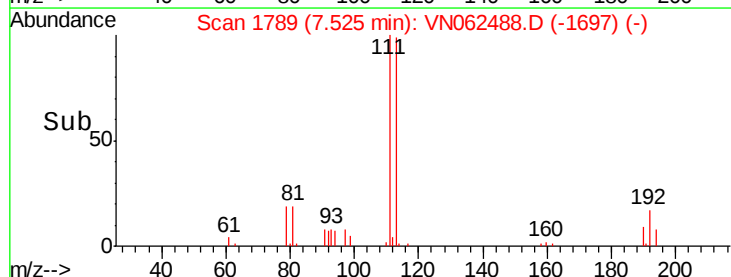
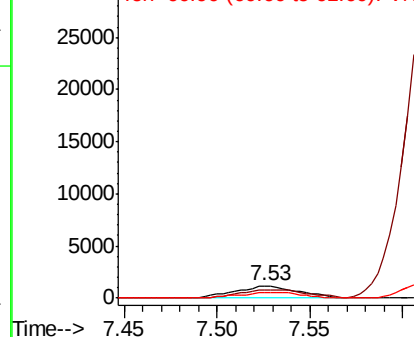
97 100

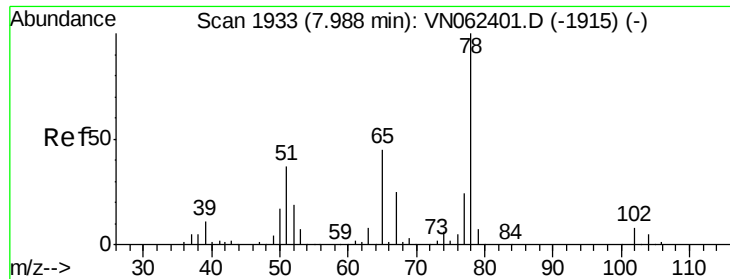
99 0.0 50.4 75.6#

61 45.2 39.9 59.9



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

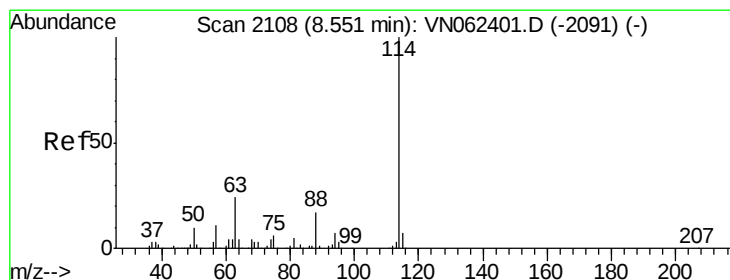
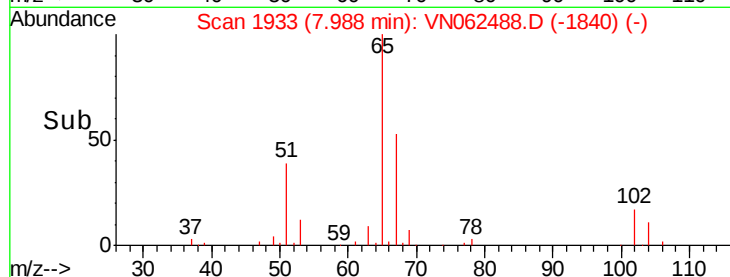
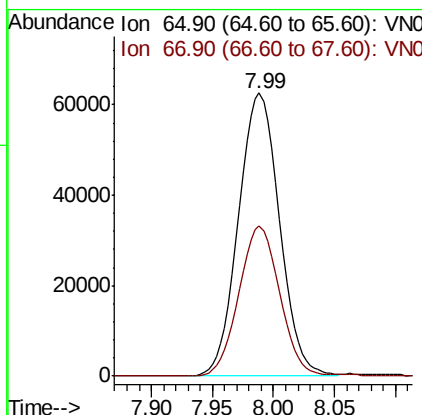
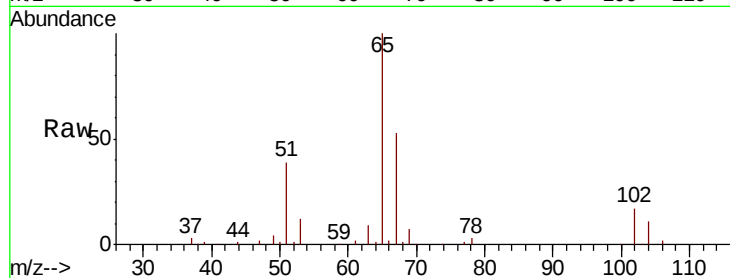




#33
 1,2-Dichloroethane-d4
 Concen: 50.073 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062488.D
 Acq: 10 Jul 2020 13:06

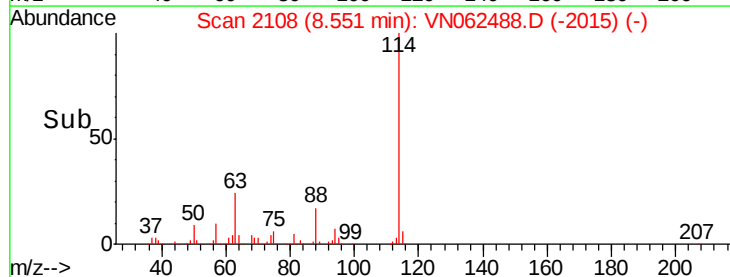
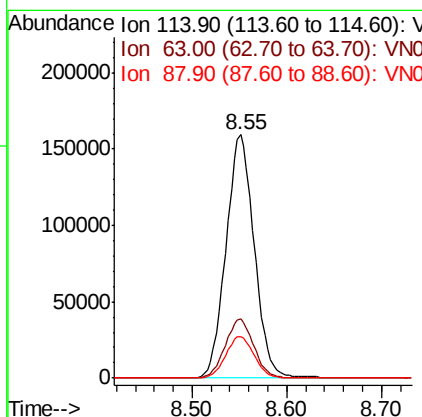
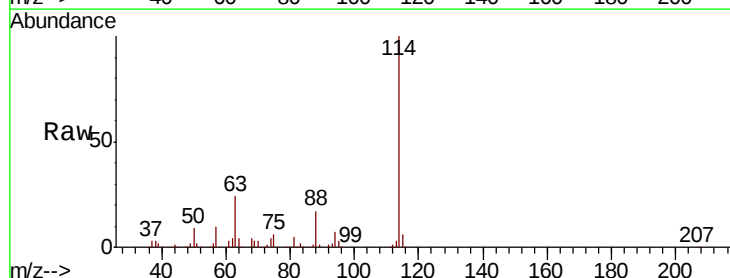
Instrument :
 MSVOA_N
 ClientSampleId :

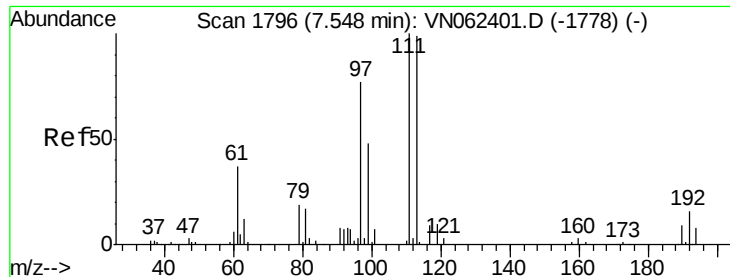
Tot Ion: 65 Resp: 146103
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN062488.D
 Acq: 10 Jul 2020 13:06

Tgt Ion: 114 Resp: 330379
 Ion Ratio Lower Upper
 114 100
 63 24.3 0.0 48.4
 88 17.1 0.0 33.8

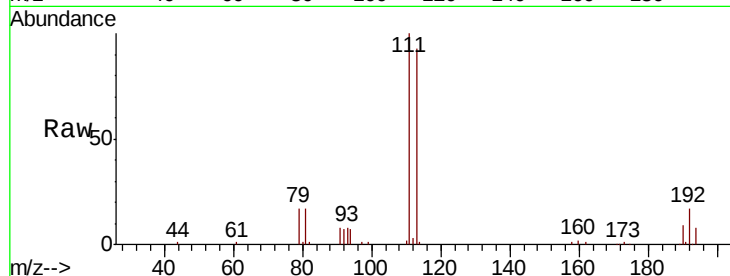




#35
 Dibromofluoromethane
 Concen: 50.489 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN062488.D
 Acq: 10 Jul 2020 13:06

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.3	83.1	124.7
192	18.4	14.1	21.1

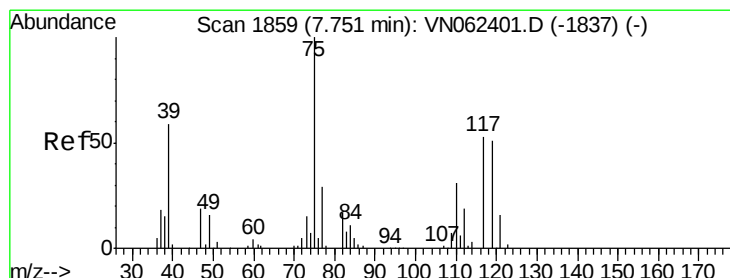
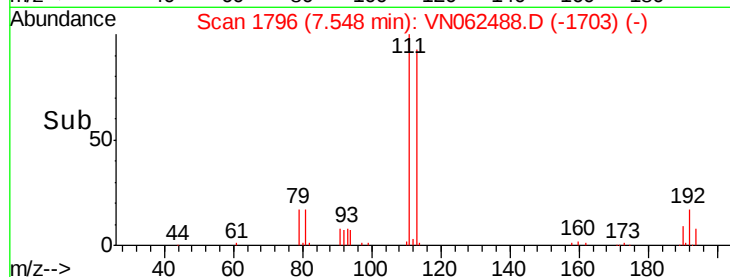
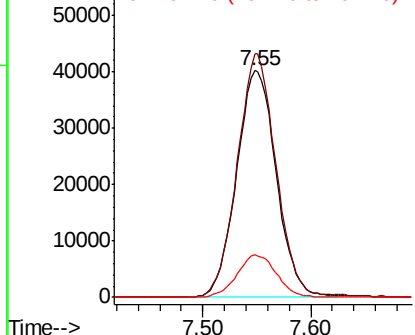


Abundance

Ion 112.80 (112.50 to 113.50): V

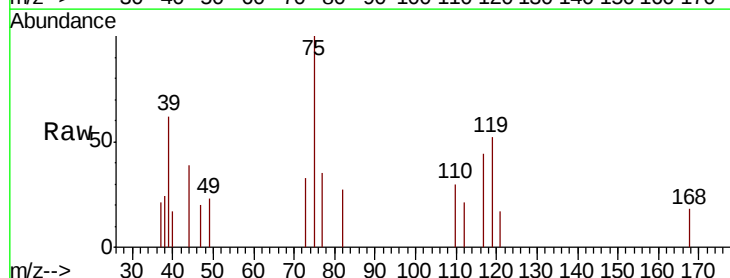
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 0.766 ug/l
 RT: 7.75 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VN062488.D
 Acq: 10 Jul 2020 13:06

Tgt Ion	Ratio	Lower	Upper
75	100		
110	0.0	15.4	46.2#
77	19.3	24.1	36.1#

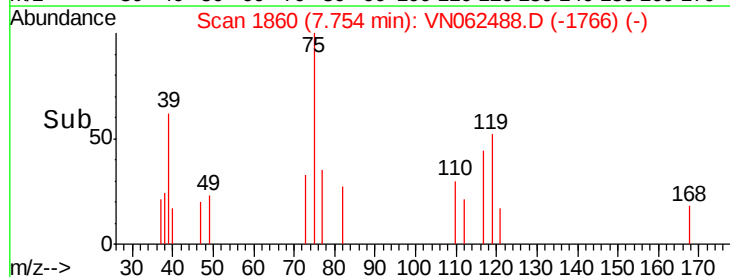
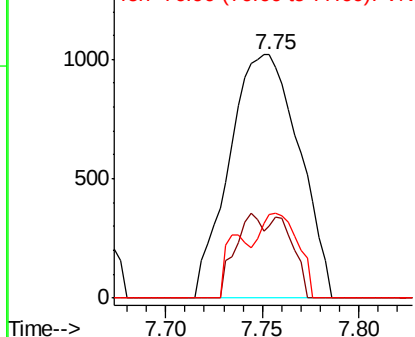


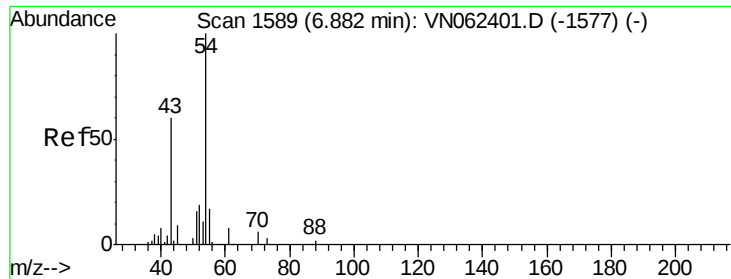
Abundance

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

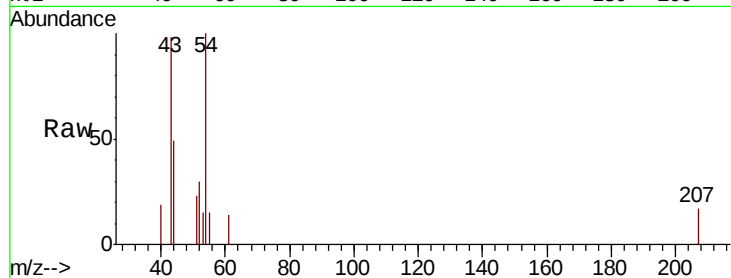




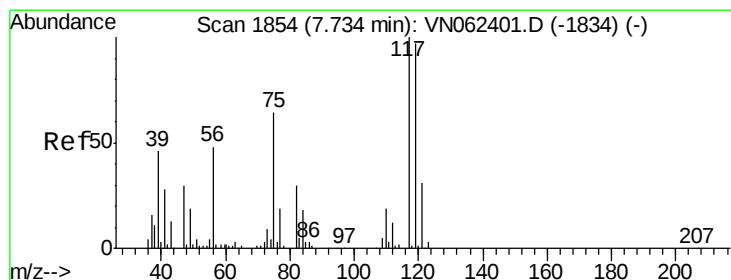
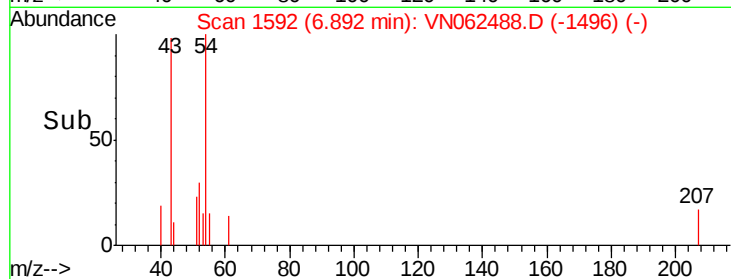
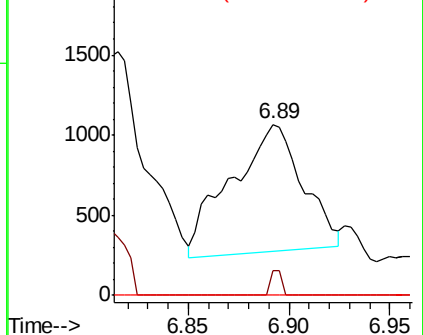
#37
Ethyl Acetate
Concen: 0.508 ug/l
RT: 6.89 min Scan# 1592
Delta R.T. 0.01 min
Lab File: VN062488.D
Acq: 10 Jul 2020 13:06

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 1979
Ion Ratio Lower Upper
43 100
61 0.0 10.7 16.1#
70 0.0 7.2 10.8#

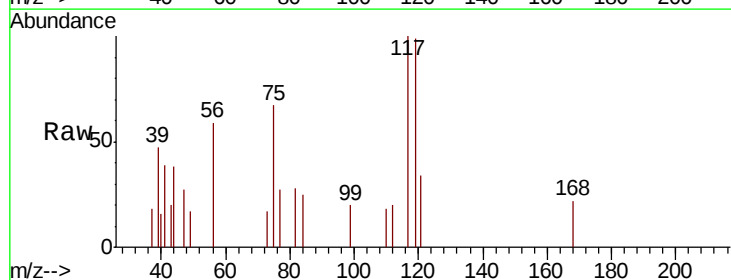


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

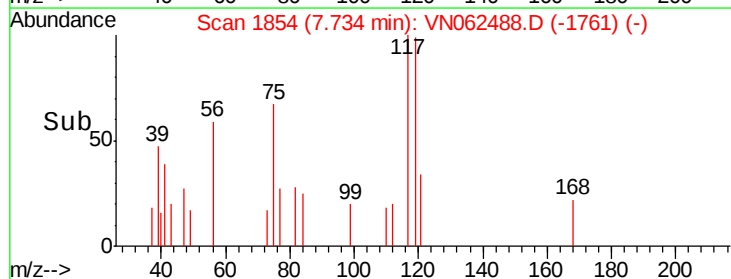
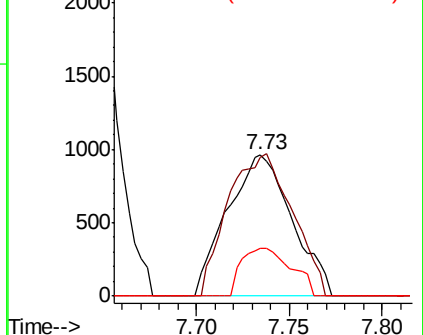


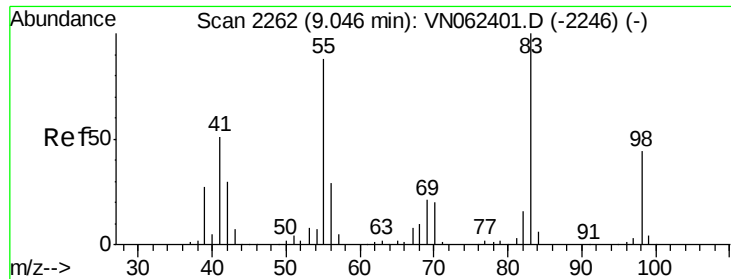
#38
Carbon Tetrachloride
Concen: 0.781 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VN062488.D
Acq: 10 Jul 2020 13:06

Tgt Ion: 117 Resp: 2337
Ion Ratio Lower Upper
117 100
119 98.5 77.2 115.8
121 34.2 24.8 37.2



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

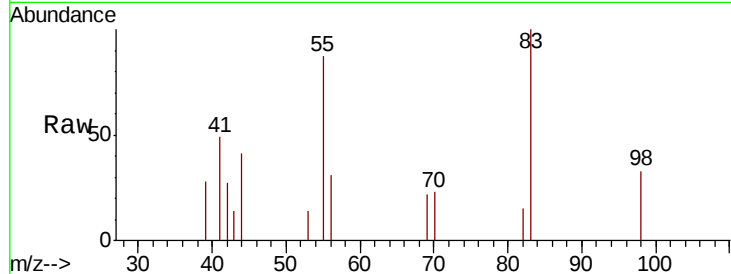




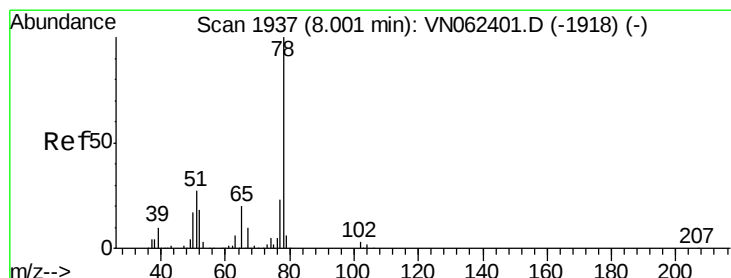
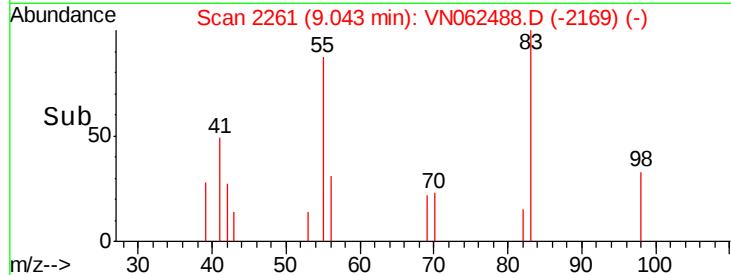
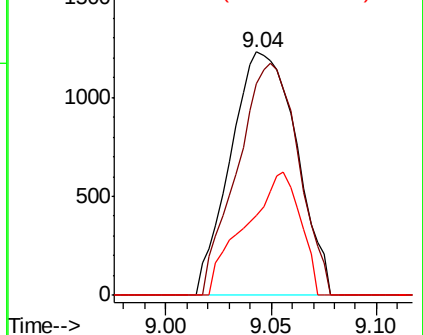
#39
Methvlcvclohexane
Concen: 0.753 ug/l
RT: 9.04 min Scan# 2261
Delta R.T. -0.00 min
Lab File: VN062488.D
Acq: 10 Jul 2020 13:06

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 83 Resp: 2676
Ion Ratio Lower Upper
83 100
55 87.1 70.5 105.7
98 32.8 35.5 53.3#

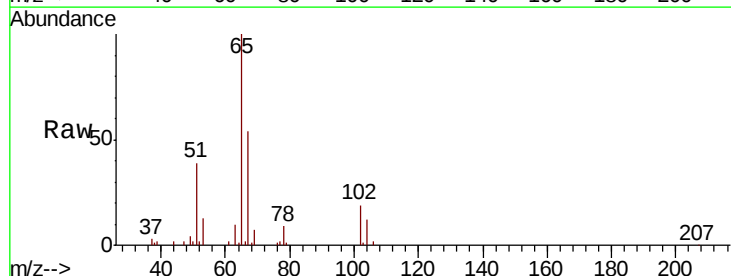


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

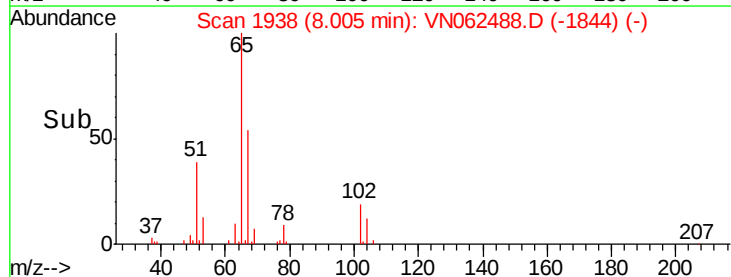
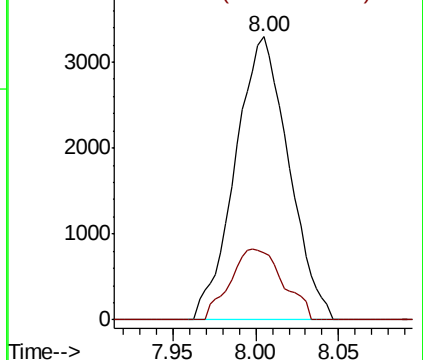


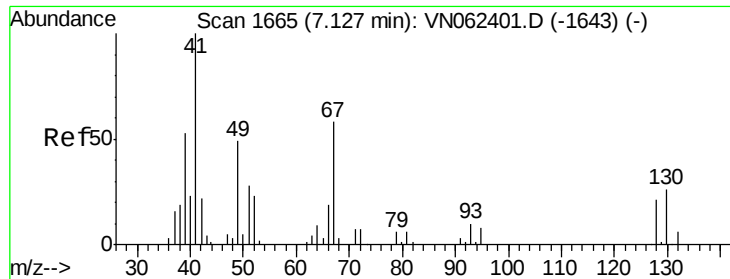
#40
Benzene
Concen: 0.754 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN062488.D
Acq: 10 Jul 2020 13:06

Tgt Ion: 78 Resp: 7398
Ion Ratio Lower Upper
78 100
77 23.7 18.7 28.1



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

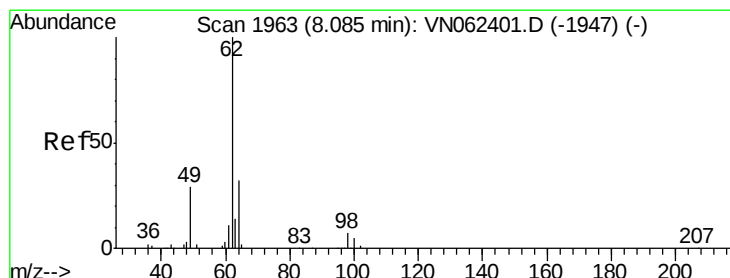
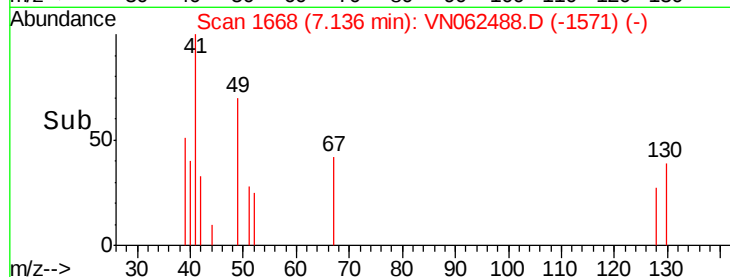
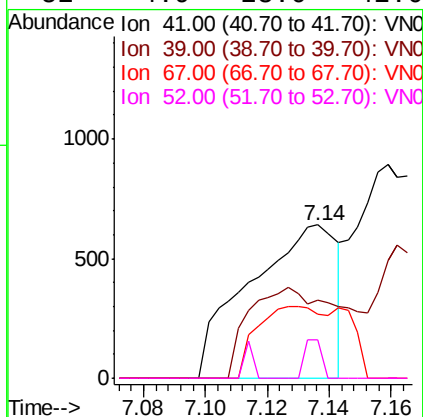
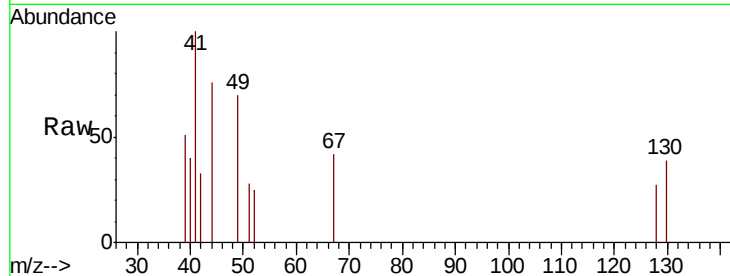




#41
Methacrylonitrile
Concen: 0.774 ug/l
RT: 7.14 min Scan# 1668
Delta R.T. 0.01 min
Lab File: VN062488.D
Acq: 10 Jul 2020 13:06

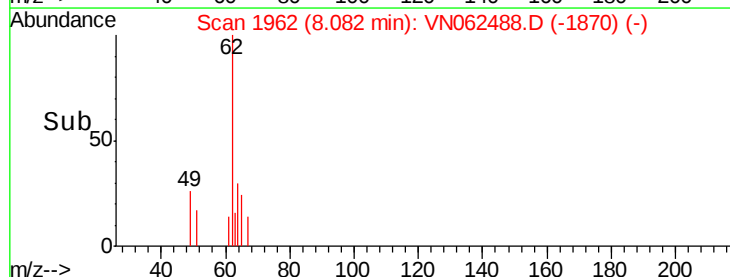
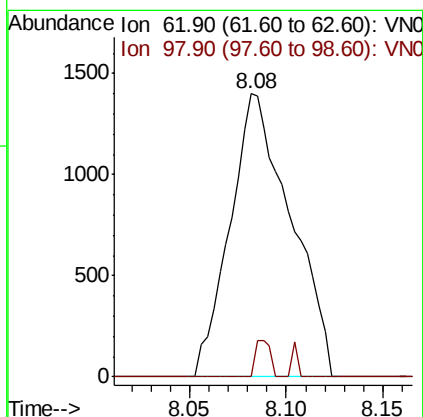
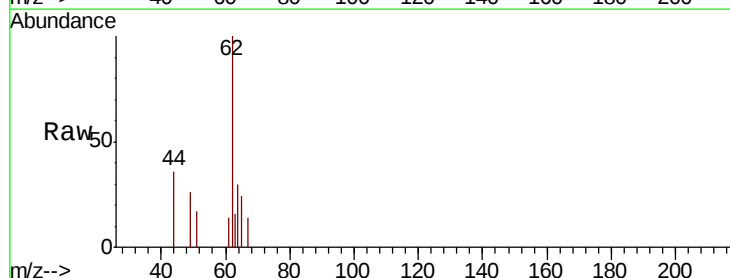
Instrument :
MSVOA_N
ClientSampled :

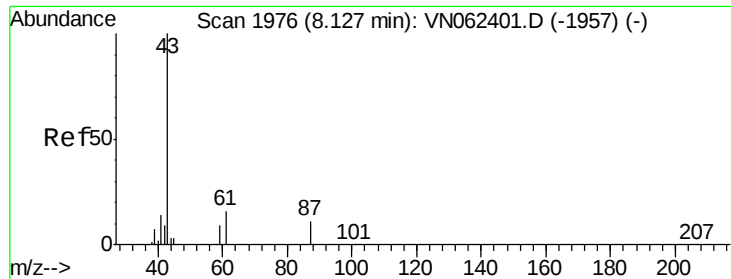
Tot Ion: 41 Resp: 1259
Ion Ratio Lower Upper
41 100
39 66.4 50.2 75.2
67 36.4 64.2 96.2#
52 4.9 28.0 42.0#



#42
1,2-Dichloroethane
Concen: 0.850 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN062488.D
Acq: 10 Jul 2020 13:06

Tgt Ion: 62 Resp: 3053
Ion Ratio Lower Upper
62 100
98 3.2 0.0 15.8





#43

Isopropyl Acetate

Concen: 0.691 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN062488.D

Acq: 10 Jul 2020 13:06

Instrument :

MSVOA_N

ClientSampleId :

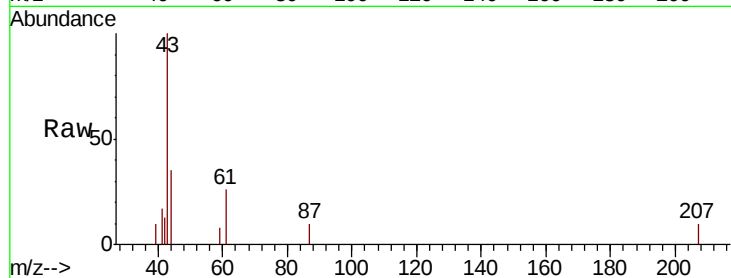
Tot Ion: 43 Resp: 4247

Ion Ratio Lower Upper

43 100

61 21.7 19.3 28.9

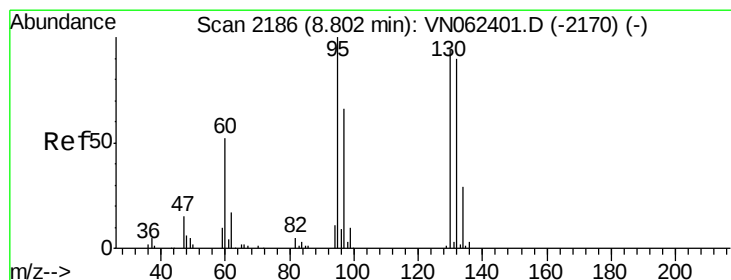
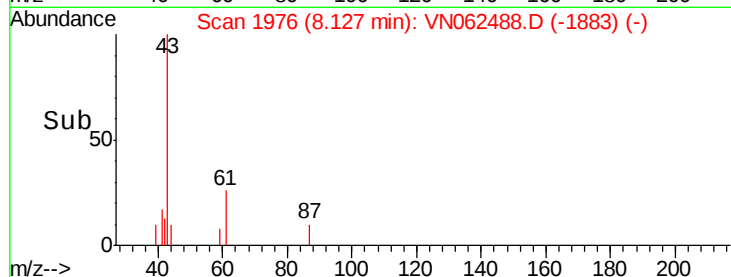
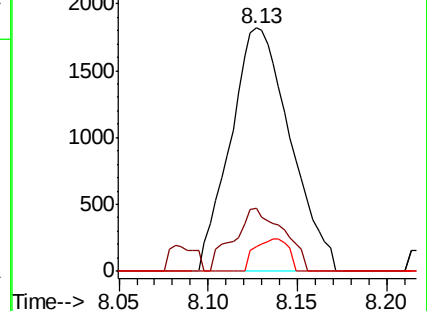
87 7.5 8.6 13.0#



Abundance Ion 43.00 (42.70 to 43.70): VN062401.D (-1957) (-)

Ion 61.00 (60.70 to 61.70): VN062401.D (-1957) (-)

Ion 87.00 (86.70 to 87.70): VN062401.D (-1957) (-)



#44

Trichloroethene

Concen: 0.731 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. 0.00 min

Lab File: VN062488.D

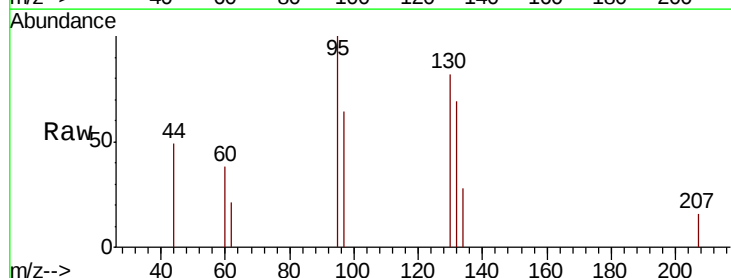
Acq: 10 Jul 2020 13:06

Tgt Ion: 130 Resp: 1590

Ion Ratio Lower Upper

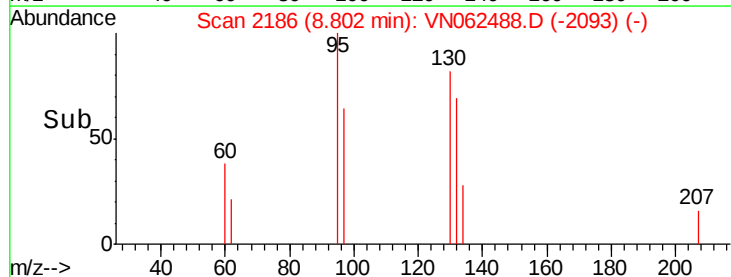
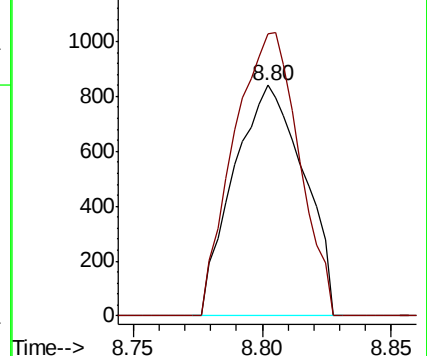
130 100

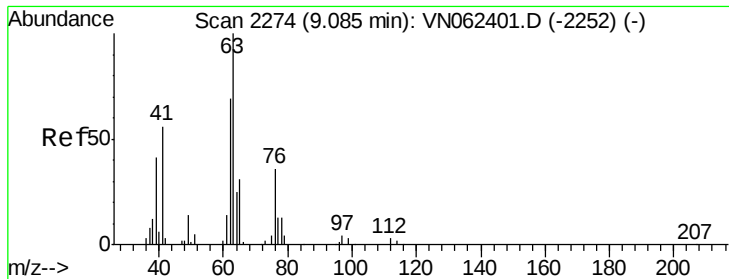
95 122.4 0.0 213.8



Abundance Ion 129.80 (129.50 to 130.50): VN062401.D (-2170) (-)

Ion 94.90 (94.60 to 95.60): VN062401.D (-2170) (-)





#45

1,2-Dichloropropane

Concen: 0.716 ug/l

RT: 9.08 min Scan# 2274

Delta R.T. 0.00 min

Lab File: VN062488.D

Acq: 10 Jul 2020 13:06

Instrument :

MSVOA_N

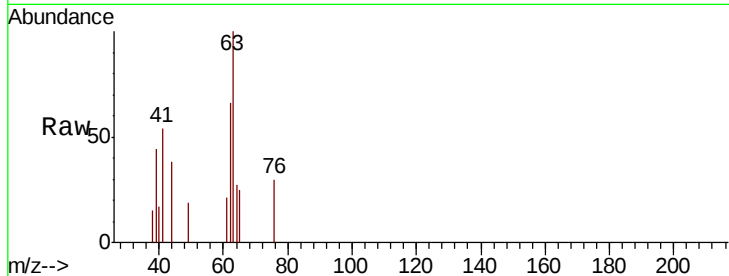
ClientSampleId :

Tot Ion: 63 Resp: 2040

Ion Ratio Lower Upper

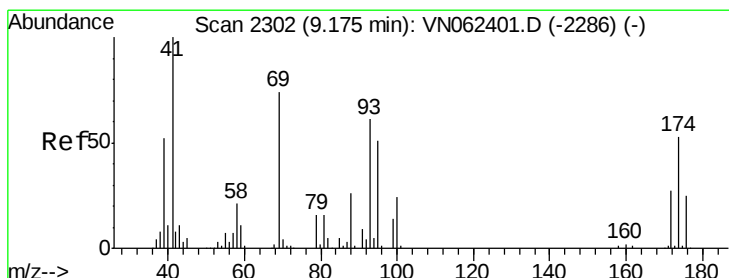
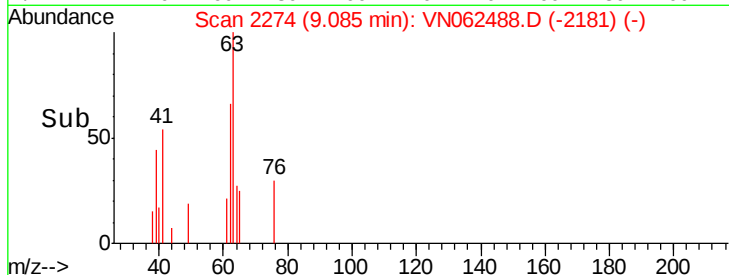
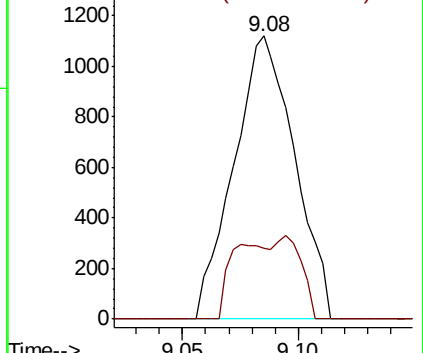
63 100

65 25.0 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 0.795 ug/l

RT: 9.18 min Scan# 2303

Delta R.T. 0.00 min

Lab File: VN062488.D

Acq: 10 Jul 2020 13:06

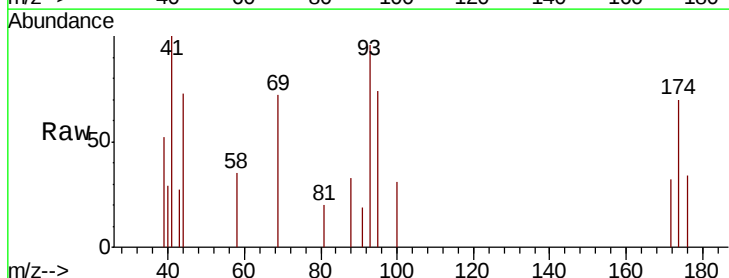
Tgt Ion: 93 Resp: 1277

Ion Ratio Lower Upper

93 100

95 79.7 67.1 100.7

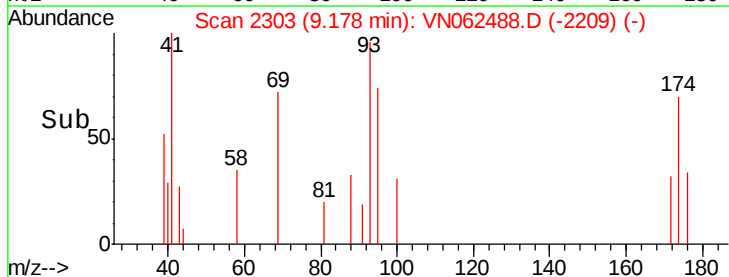
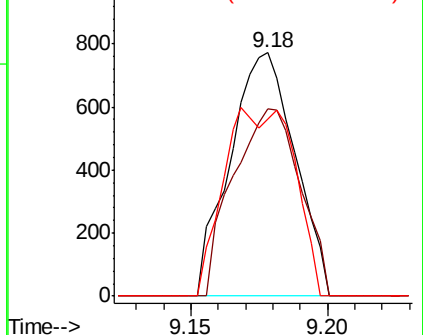
174 45.3 70.4 105.6#

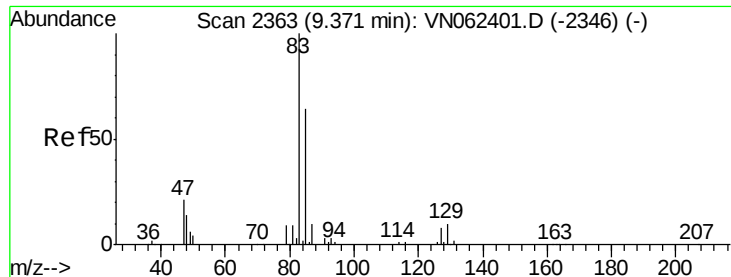


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 0.721 ug/l

RT: 9.37 min Scan# 2364

Delta R.T. 0.00 min

Lab File: VN062488.D

Acq: 10 Jul 2020 13:06

Instrument :

MSVOA_N

ClientSampleId :

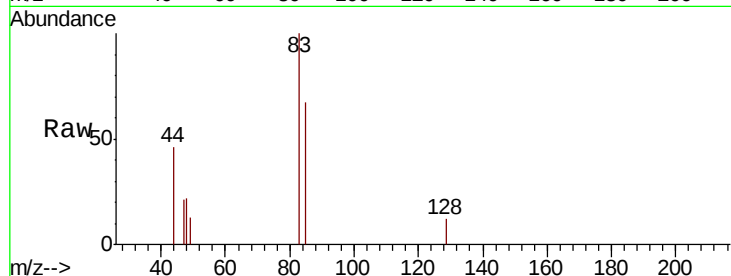
Tot Ion: 83 Resp: 2478

Ion Ratio Lower Upper

83 100

85 67.3 51.2 76.8

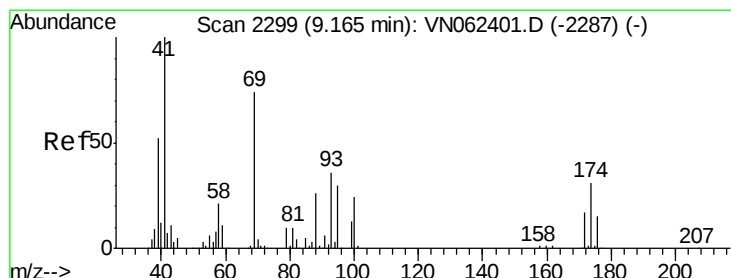
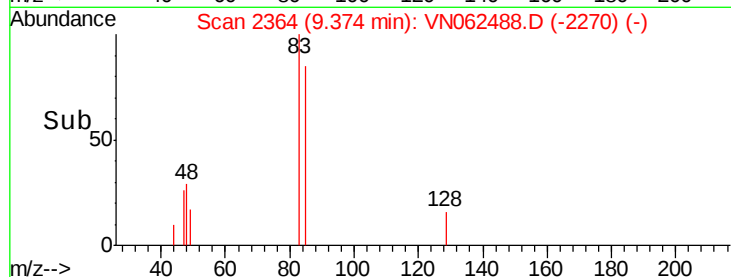
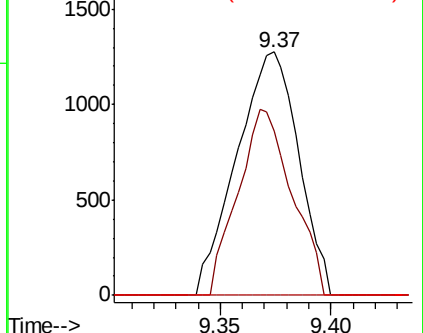
127 0.0 6.2 9.2#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 0.658 ug/l

RT: 9.17 min Scan# 2300

Delta R.T. 0.00 min

Lab File: VN062488.D

Acq: 10 Jul 2020 13:06

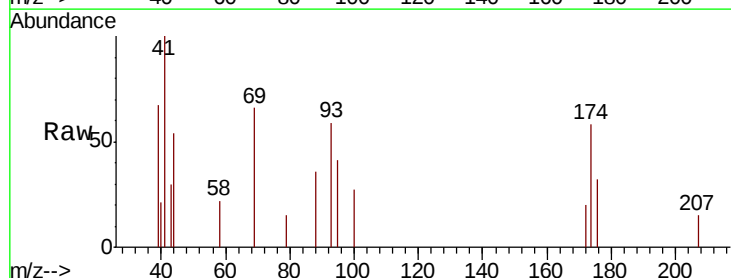
Tgt Ion: 41 Resp: 1985

Ion Ratio Lower Upper

41 100

69 72.9 60.8 91.2

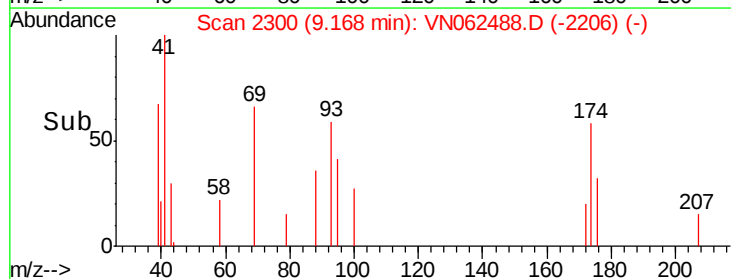
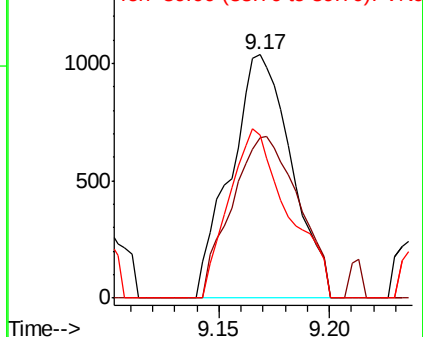
39 67.8 43.5 65.3#

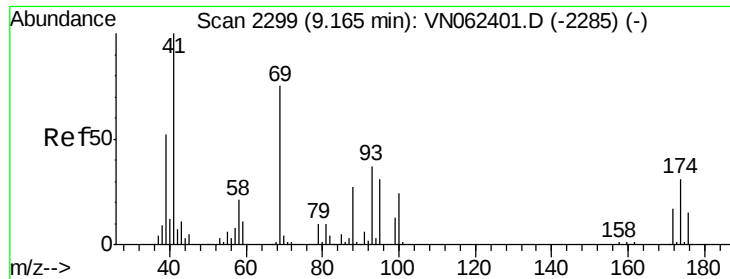


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

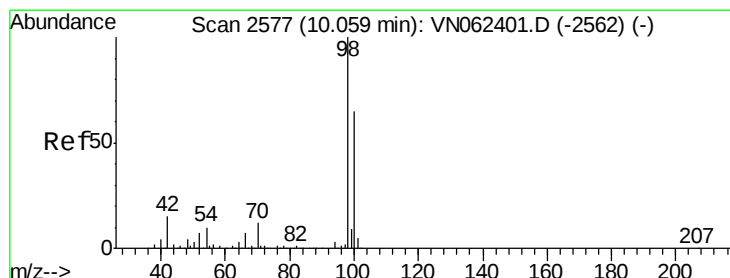
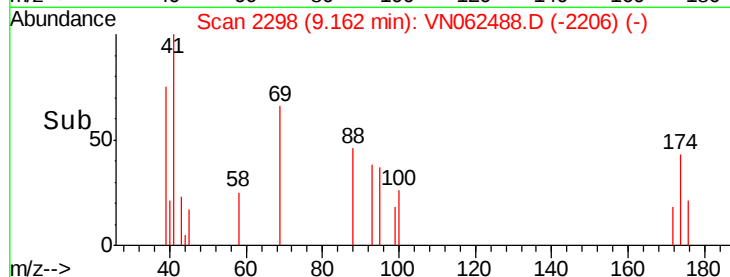
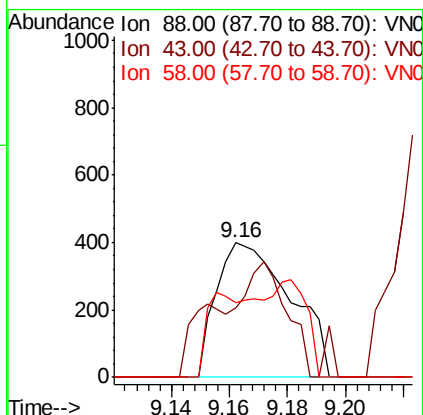
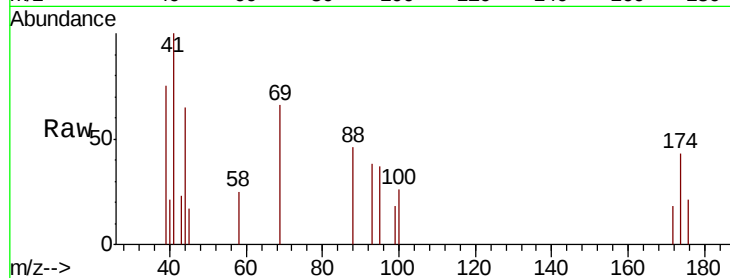




#49
1,4-Dioxane
Concen: 16.083 ug/l
RT: 9.16 min Scan# 2298
Delta R.T. -0.00 min
Lab File: VN062488.D
Acq: 10 Jul 2020 13:06

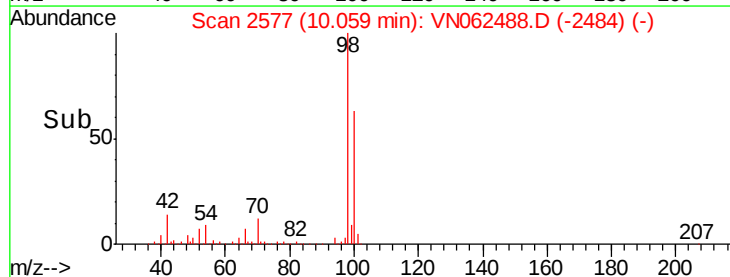
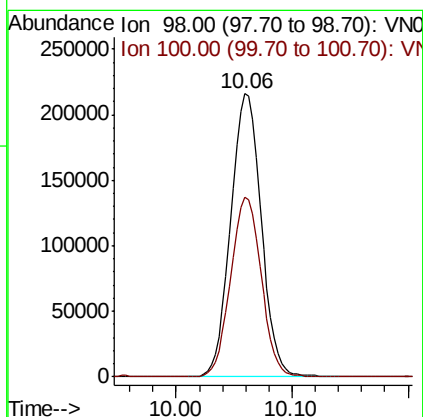
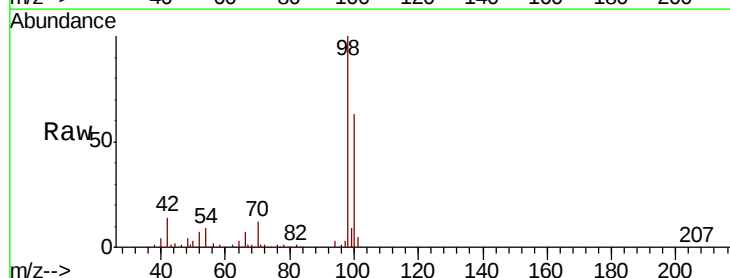
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 88 Resp: 706
Ion Ratio Lower Upper
88 100
43 26.3 31.0 46.4#
58 31.4 63.3 94.9#



#50
Toluene-d8
Concen: 48.892 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN062488.D
Acq: 10 Jul 2020 13:06

Tgt Ion: 98 Resp: 394168
Ion Ratio Lower Upper
98 100
100 63.5 51.5 77.3





#51

4-Methyl-2-Pentanone

Concen: 3.372 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. 0.00 min

Lab File: VN062488.D

Acq: 10 Jul 2020 13:06

Instrument :

MSVOA_N

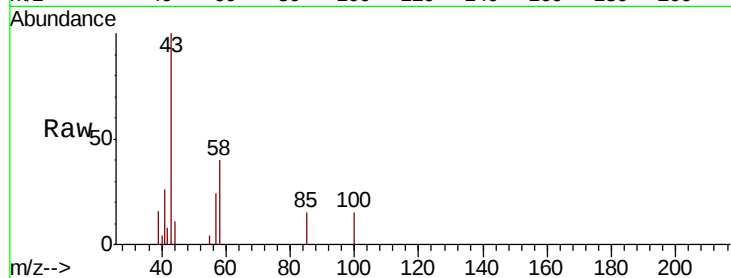
ClientSampleId :

Tot Ion: 43 Resp: 12382

Ion Ratio Lower Upper

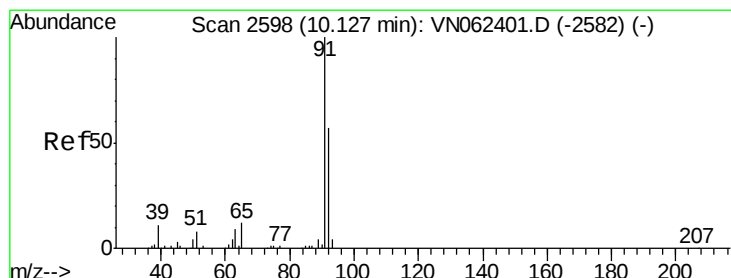
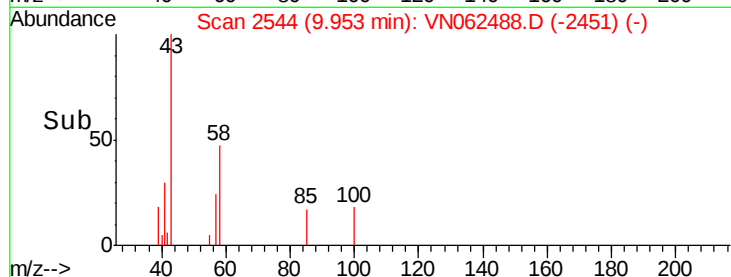
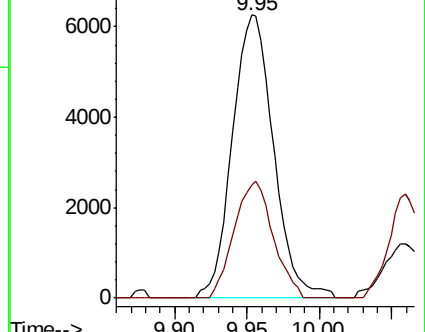
43 100

58 38.9 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) (-)



#52

Toluene

Concen: 0.811 ug/l

RT: 10.13 min Scan# 2598

Delta R.T. 0.00 min

Lab File: VN062488.D

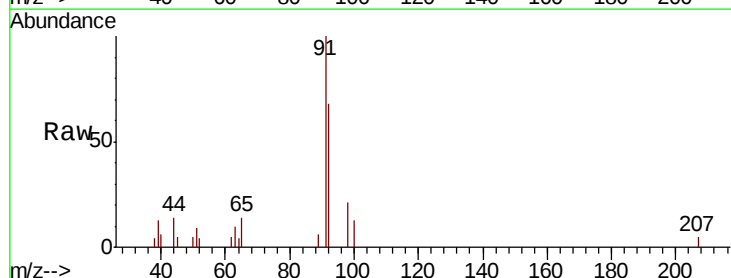
Acq: 10 Jul 2020 13:06

Tgt Ion: 92 Resp: 4594

Ion Ratio Lower Upper

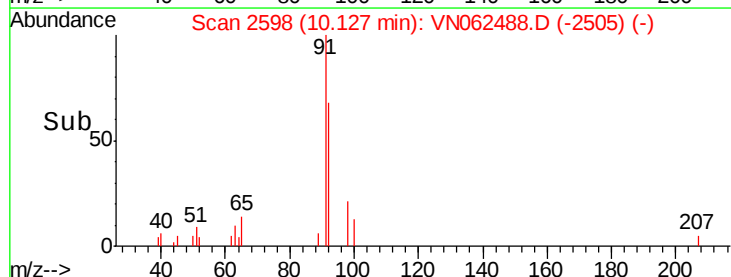
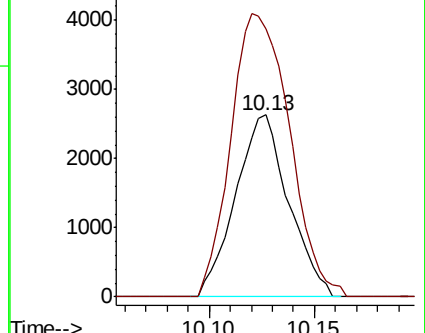
92 100

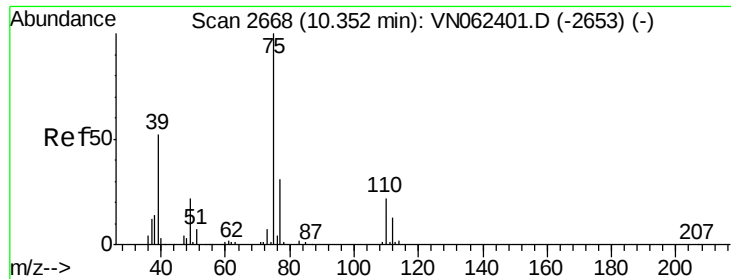
91 172.0 141.0 211.6



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

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





#53

t-1,3-Dichloropropene

Concen: 0.675 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. 0.00 min

Lab File: VN062488.D

Acq: 10 Jul 2020 13:06

Instrument :

MSVOA_N

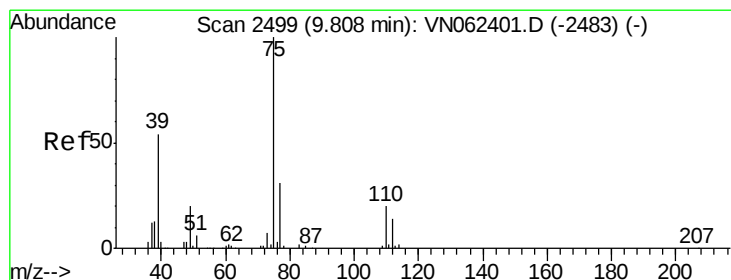
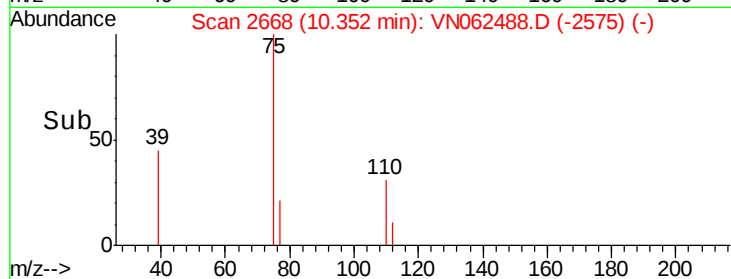
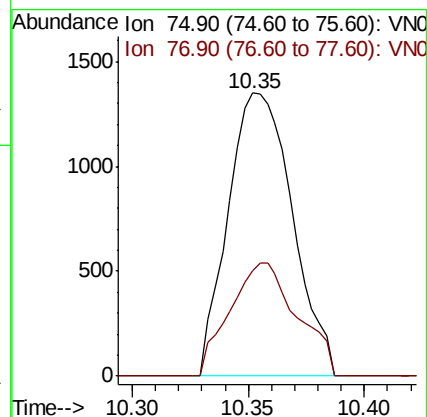
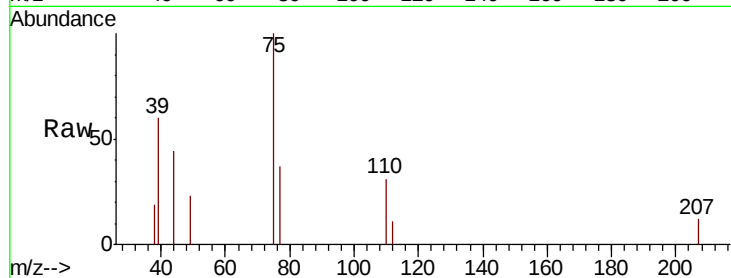
ClientSampled :

Tot Ion: 75 Resp: 2599

Ion Ratio Lower Upper

75 100

77 37.4 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 0.655 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. 0.00 min

Lab File: VN062488.D

Acq: 10 Jul 2020 13:06

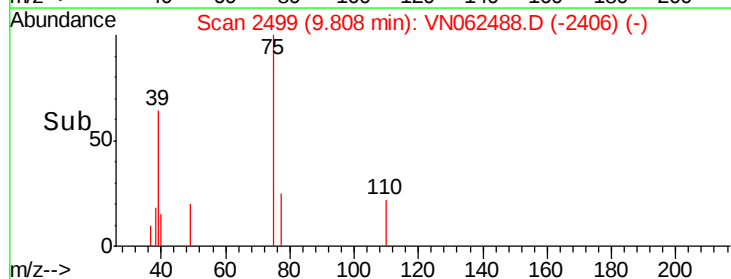
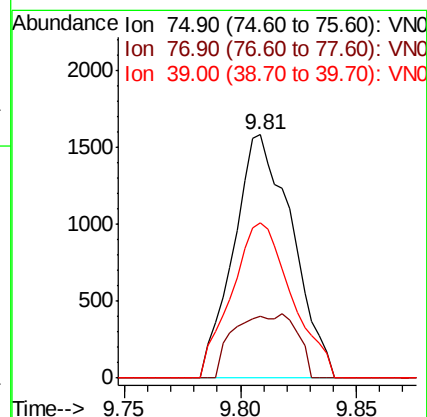
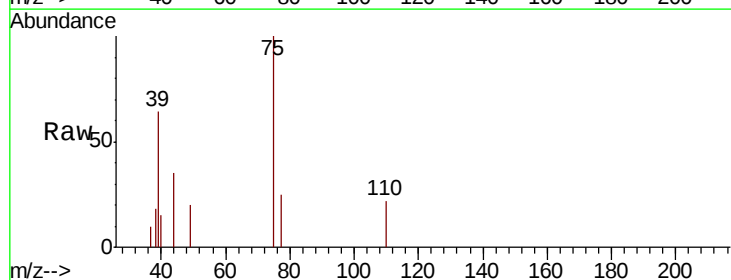
Tgt Ion: 75 Resp: 2781

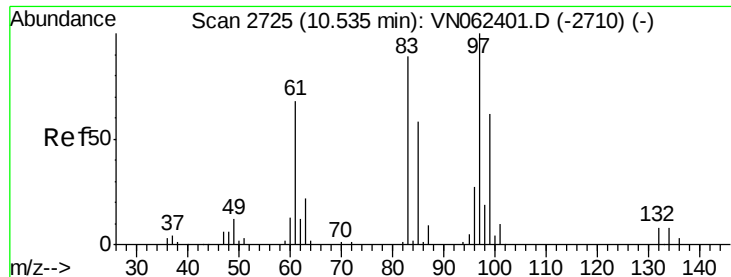
Ion Ratio Lower Upper

75 100

77 25.4 24.5 36.7

39 63.8 43.4 65.0

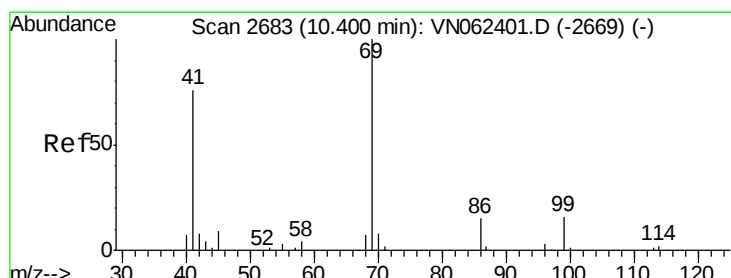
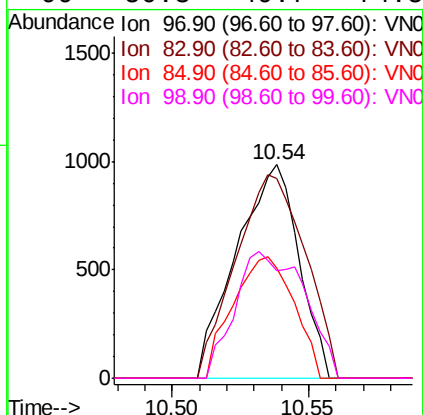
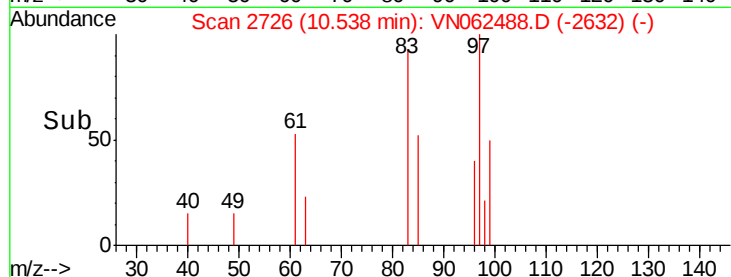
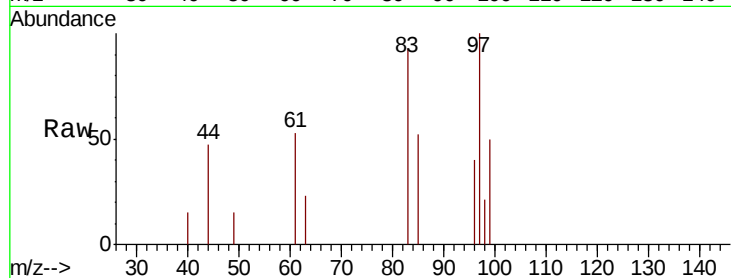




#55
1,1,2-Trichloroethane
Concen: 0.702 ug/l
RT: 10.54 min Scan# 2726
Delta R.T. 0.00 min
Lab File: VN062488.D
Acq: 10 Jul 2020 13:06

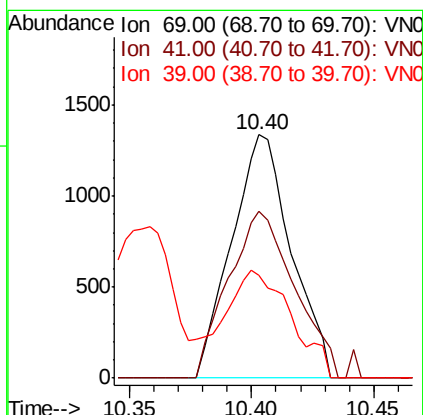
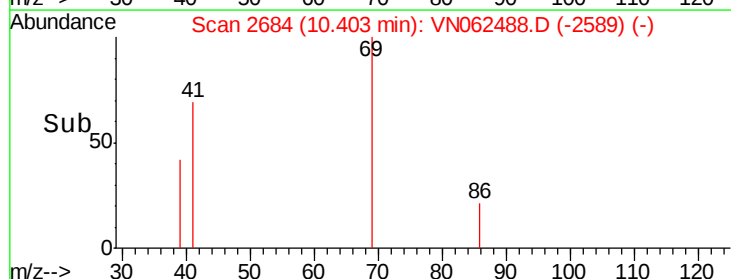
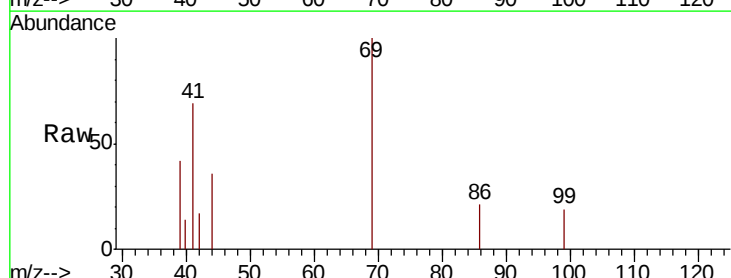
Instrument :
MSVOA_N
ClientSampled :

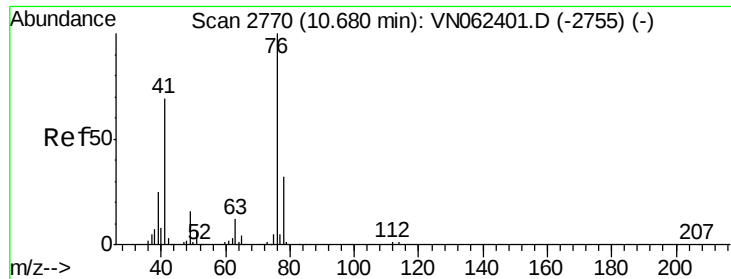
Tot Ion: 97 Resp: 1565
Ion Ratio Lower Upper
97 100
83 93.3 71.0 106.4
85 51.6 46.2 69.4
99 50.3 49.7 74.5



#56
Ethyl methacrylate
Concen: 0.606 ug/l
RT: 10.40 min Scan# 2684
Delta R.T. 0.00 min
Lab File: VN062488.D
Acq: 10 Jul 2020 13:06

Tgt Ion: 69 Resp: 2256
Ion Ratio Lower Upper
69 100
41 76.3 59.7 89.5
39 50.2 30.6 45.8#

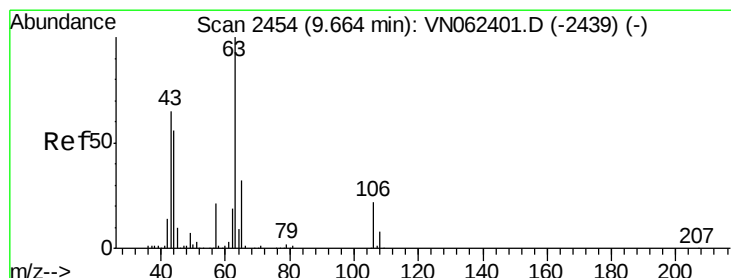
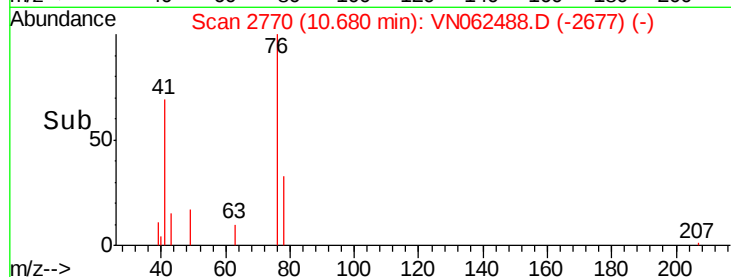
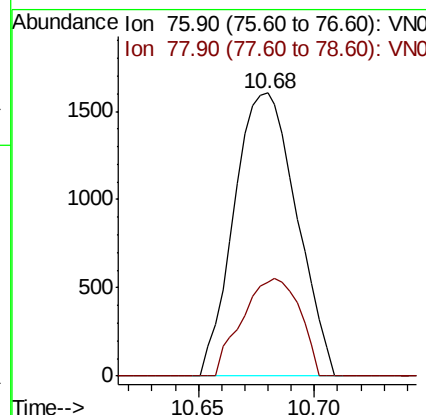
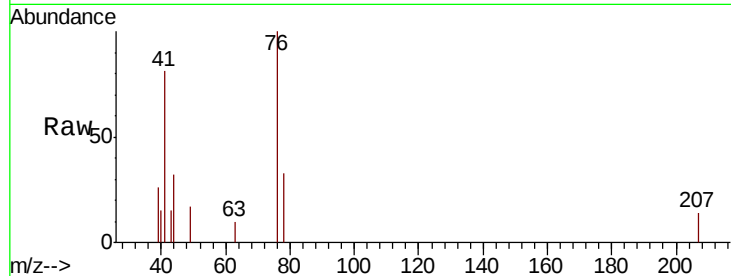




#57
 1,3-Dichloropropane
 Concen: 0.728 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. 0.00 min
 Lab File: VN062488.D
 Acq: 10 Jul 2020 13:06

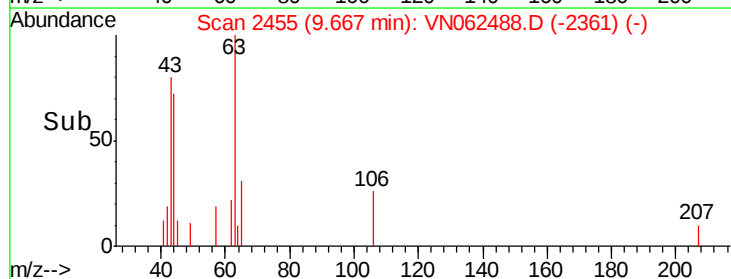
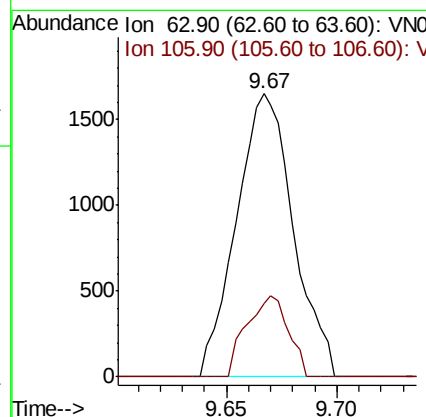
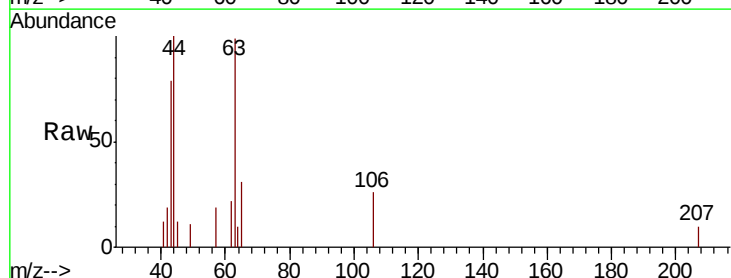
Instrument :
 MSVOA_N
 ClientSampled :

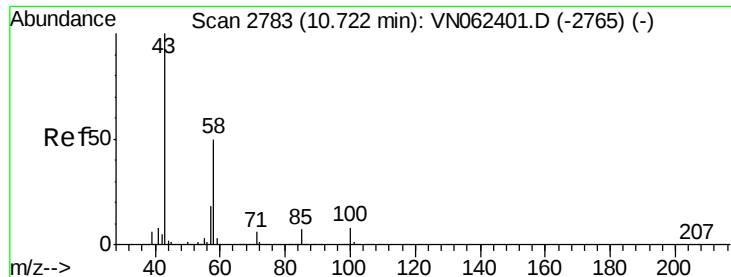
Tot Ion: 76 Resp: 2999
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 2.235 ug/l
 RT: 9.67 min Scan# 2455
 Delta R.T. 0.00 min
 Lab File: VN062488.D
 Acq: 10 Jul 2020 13:06

Tgt Ion: 63 Resp: 2955
 Ion Ratio Lower Upper
 63 100
 106 20.9 17.6 26.4

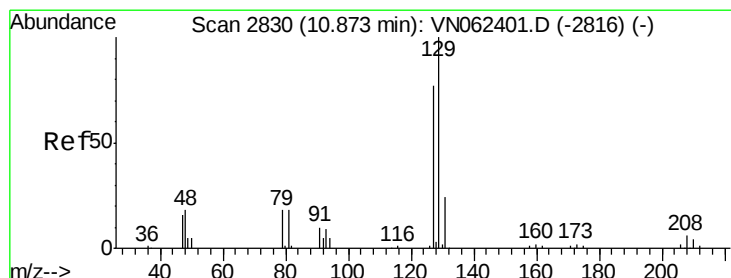
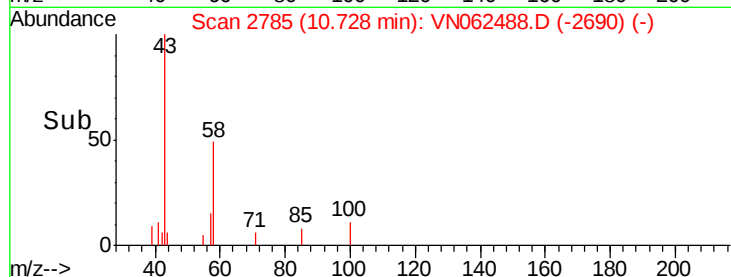
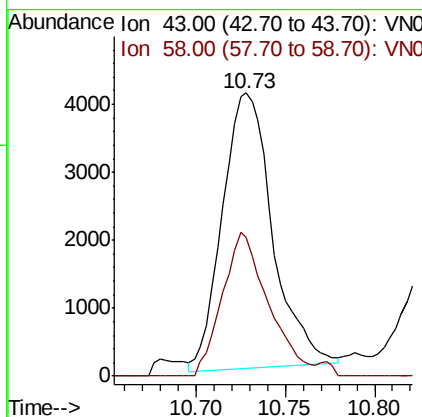
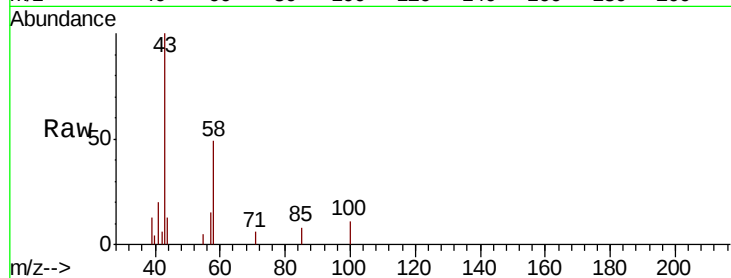




#59
2-Hexanone
Concen: 2.980 ug/l
RT: 10.73 min Scan# 2785
Delta R.T. 0.01 min
Lab File: VN062488.D
Acq: 10 Jul 2020 13:06

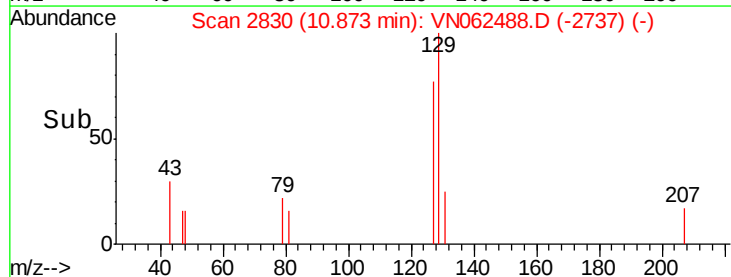
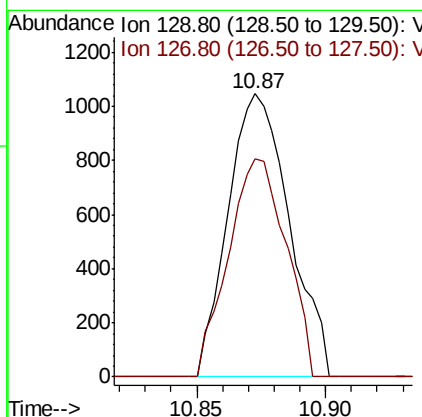
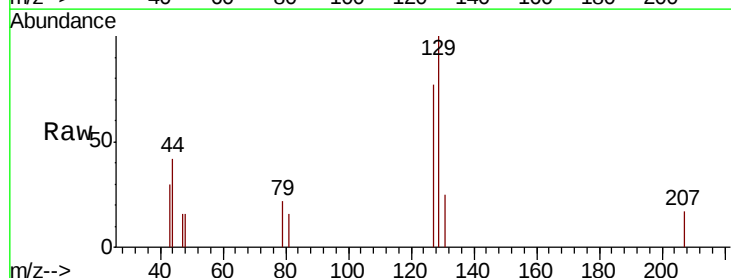
Instrument :
MSVOA_N
ClientSampled :

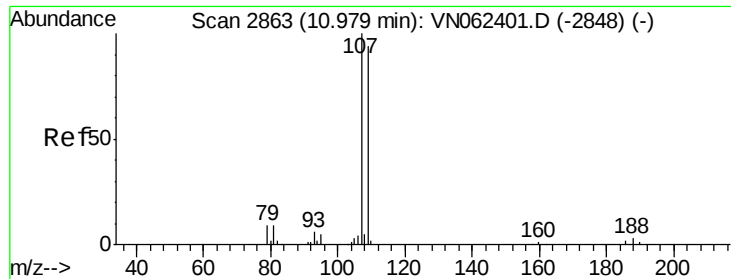
Tot Ion: 43 Resp: 7944
Ion Ratio Lower Upper
43 100
58 48.1 25.1 75.2



#60
Dibromochloromethane
Concen: 0.719 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. 0.00 min
Lab File: VN062488.D
Acq: 10 Jul 2020 13:06

Tgt Ion: 129 Resp: 1738
Ion Ratio Lower Upper
129 100
127 72.4 38.6 115.8

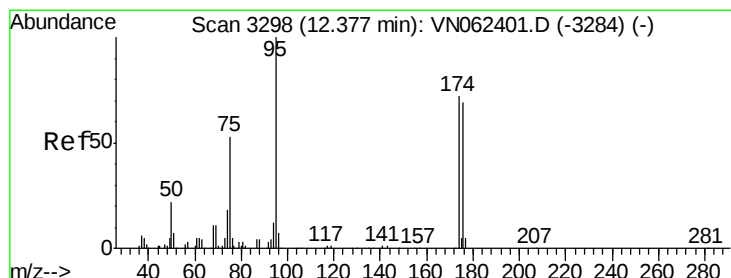
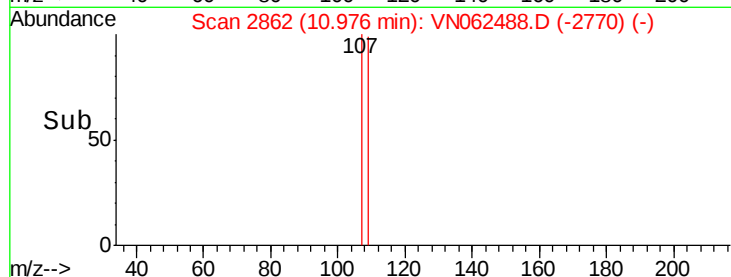
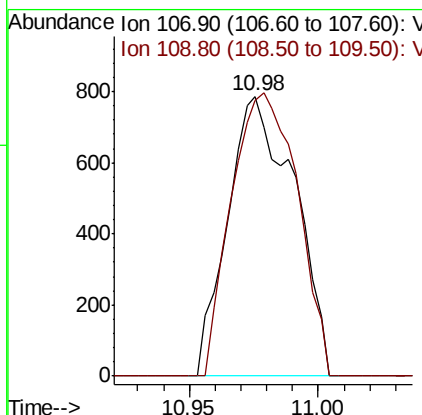
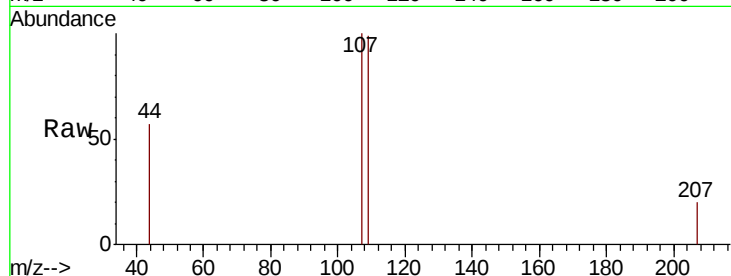




#61
 1,2-Dibromoethane
 Concen: 0.630 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN062488.D
 Acq: 10 Jul 2020 13:06

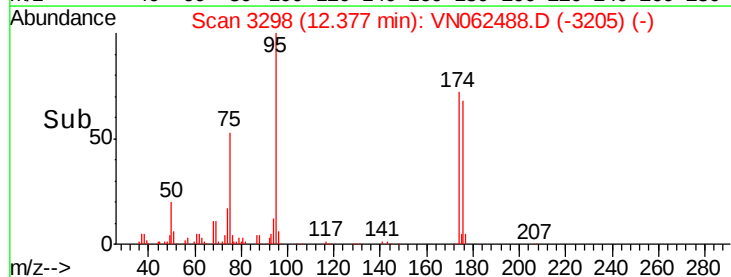
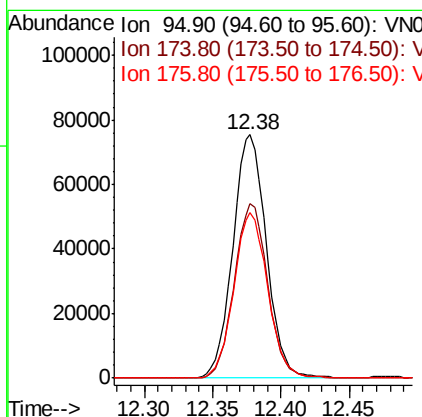
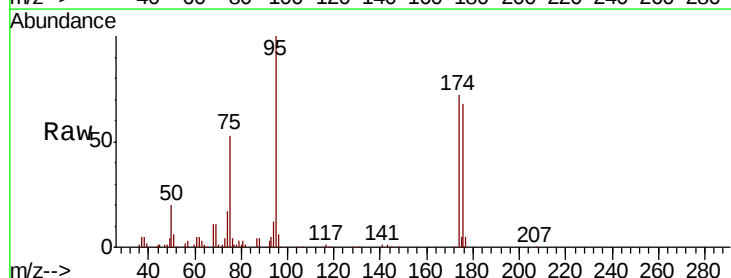
Instrument :
 MSVOA_N
 ClientSampleId :

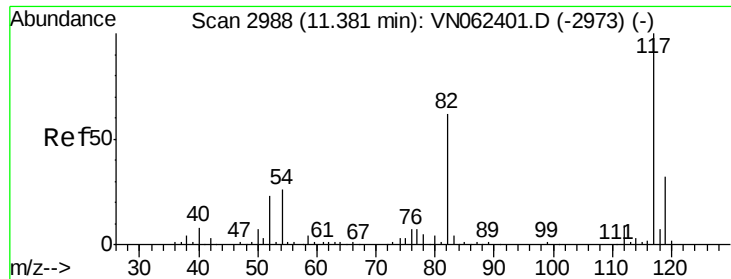
Tot Ion:107 Resp: 1418
 Ion Ratio Lower Upper
 107 100
 109 100.4 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 43.717 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VN062488.D
 Acq: 10 Jul 2020 13:06

Tgt Ion: 95 Resp: 128795
 Ion Ratio Lower Upper
 95 100
 174 71.5 0.0 141.6
 176 68.6 0.0 137.2

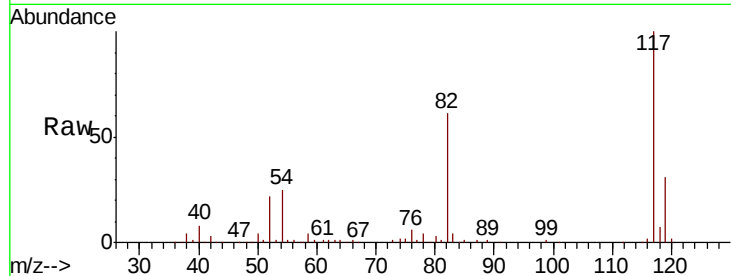




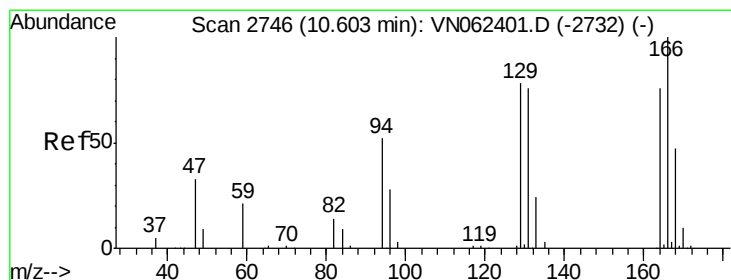
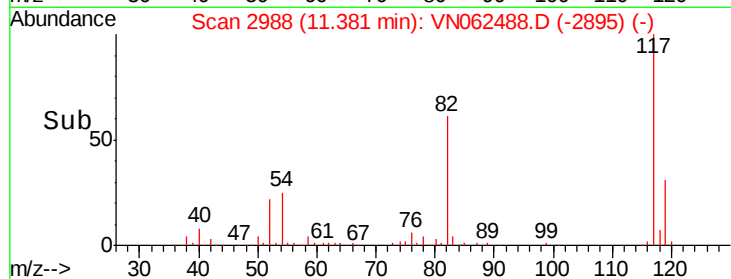
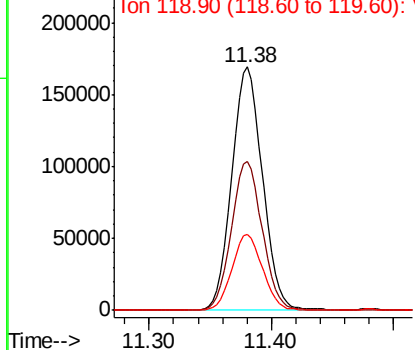
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062488.D
Acq: 10 Jul 2020 13:06

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 296330
Ion Ratio Lower Upper
117 100
82 61.4 49.6 74.4
119 31.4 25.4 38.0

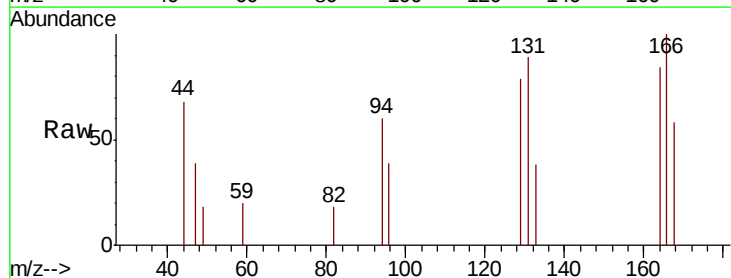


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

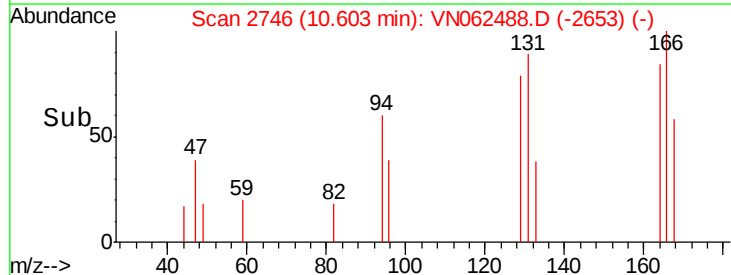
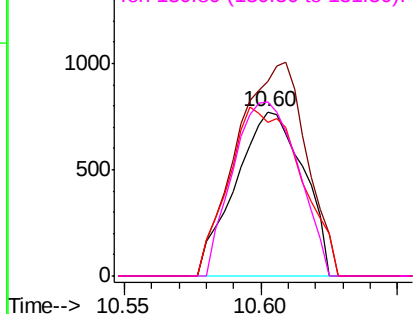


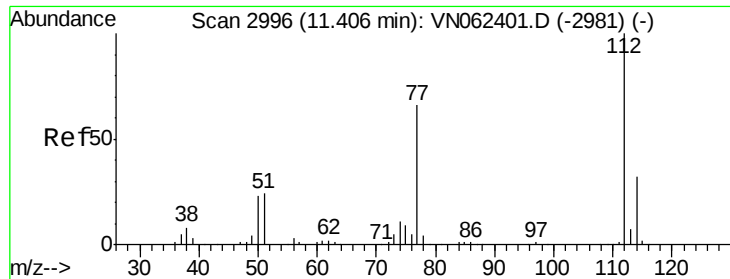
#64
Tetrachloroethene
Concen: 0.760 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN062488.D
Acq: 10 Jul 2020 13:06

Tgt Ion:164 Resp: 1337
Ion Ratio Lower Upper
164 100
166 118.4 104.9 157.3
129 93.4 81.8 122.6
131 106.0 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: 0.812 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN062488.D

Acq: 10 Jul 2020 13:06

Instrument :

MSVOA_N

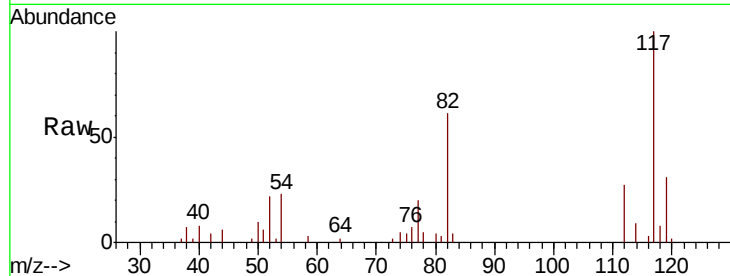
ClientSampled :

Tot Ion:112 Resp: 4676

Ion Ratio Lower Upper

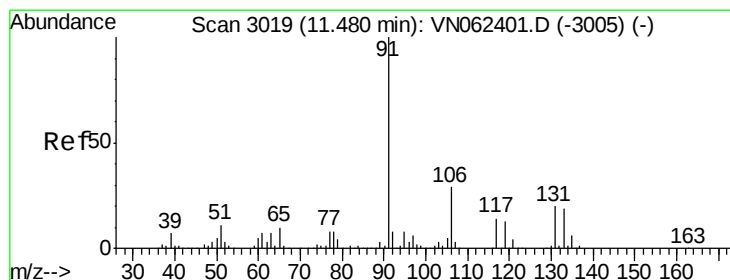
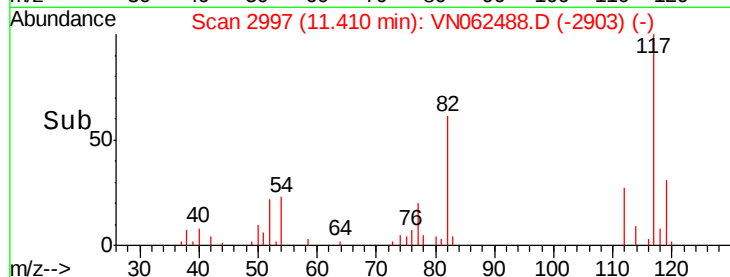
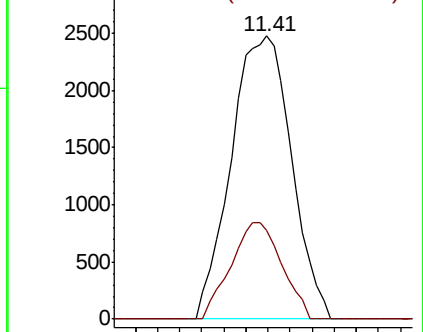
112 100

114 31.2 25.9 38.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 0.776 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. 0.00 min

Lab File: VN062488.D

Acq: 10 Jul 2020 13:06

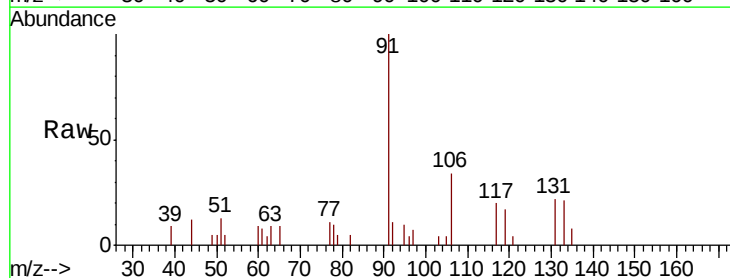
Tgt Ion:131 Resp: 1649

Ion Ratio Lower Upper

131 100

133 103.0 46.9 140.8

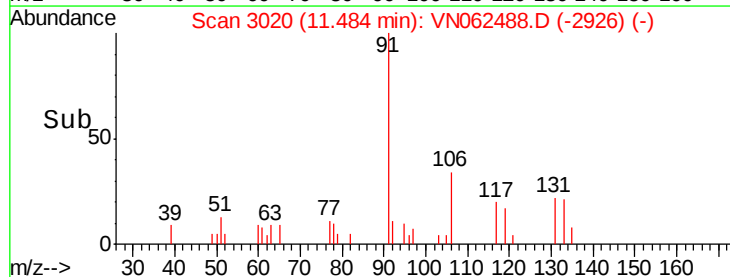
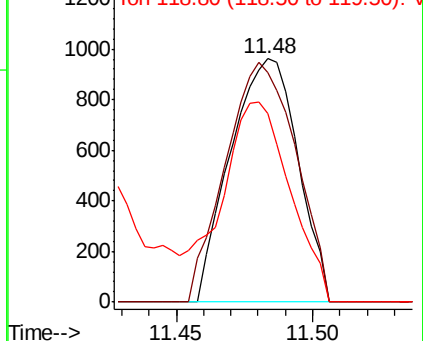
119 0.0 33.2 99.6#

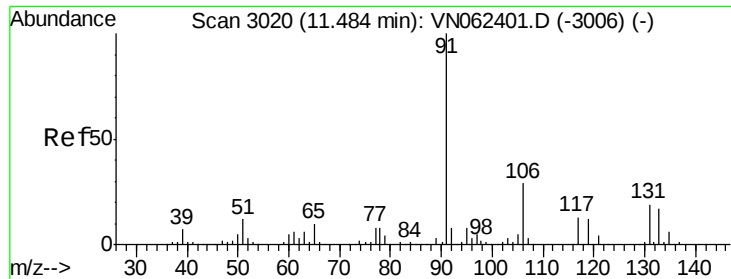


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

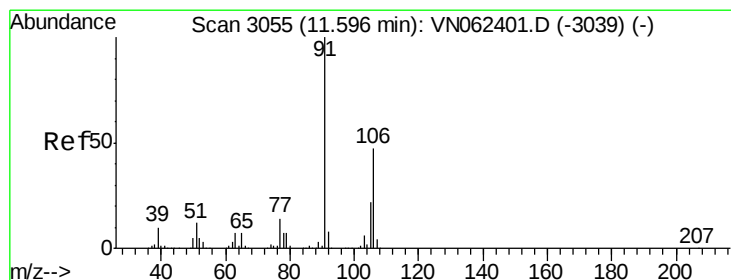
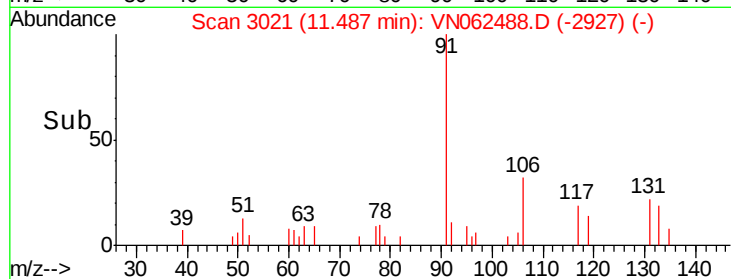
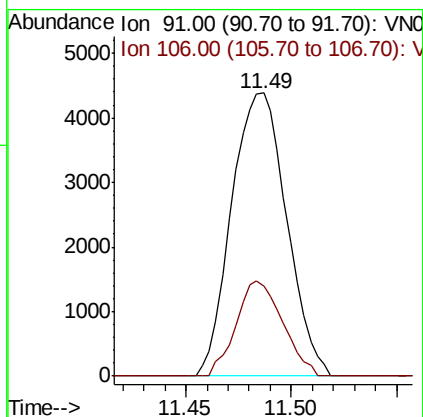
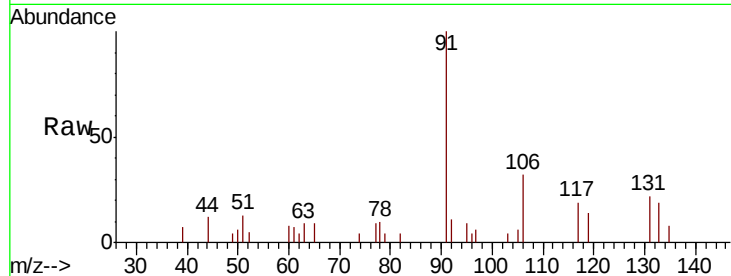




#67
Ethyl Benzene
Concen: 0.734 ug/l
RT: 11.49 min Scan# 3021
Delta R.T. 0.00 min
Lab File: VN062488.D
Acq: 10 Jul 2020 13:06

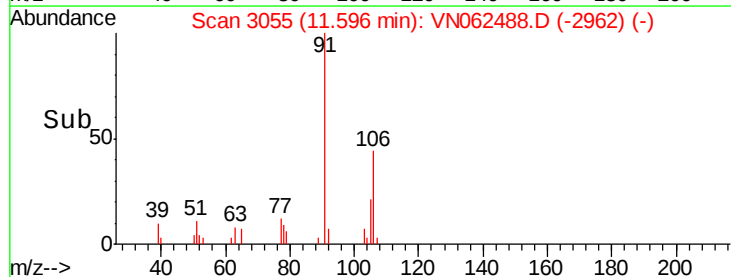
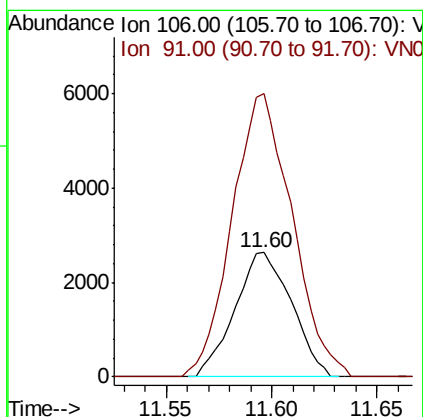
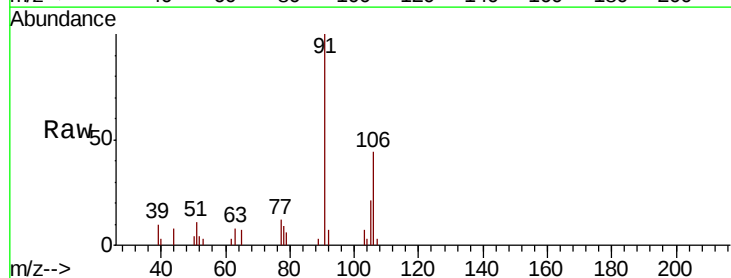
Instrument :
MSVOA_N
ClientSampled :

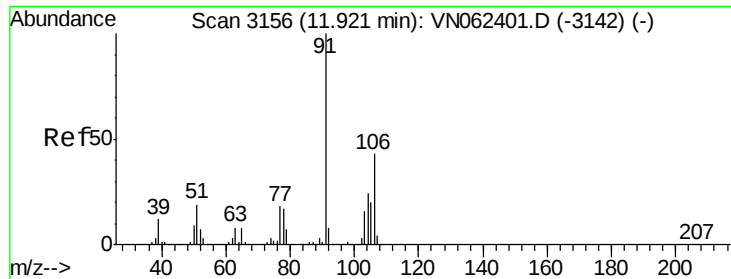
Tot Ion: 91 Resp: 7940
Ion Ratio Lower Upper
91 100
106 32.0 23.4 35.2



#68
m/p-Xylenes
Concen: 1.286 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN062488.D
Acq: 10 Jul 2020 13:06

Tgt Ion: 106 Resp: 4921
Ion Ratio Lower Upper
106 100
91 241.1 172.4 258.6

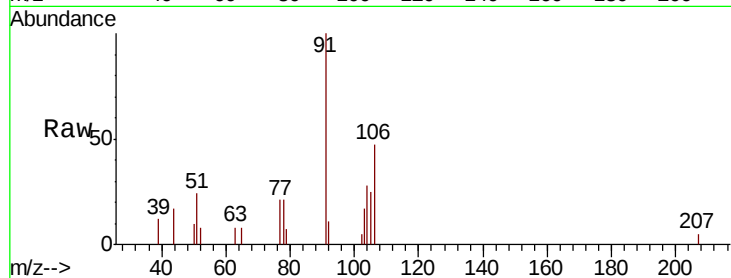




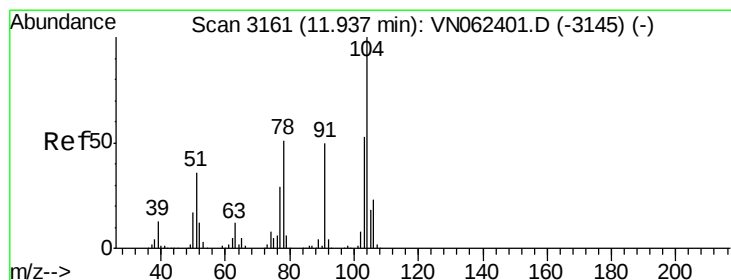
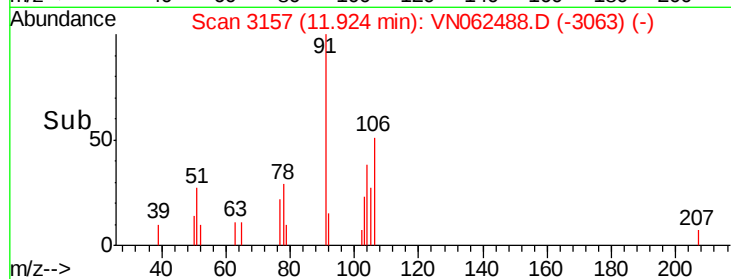
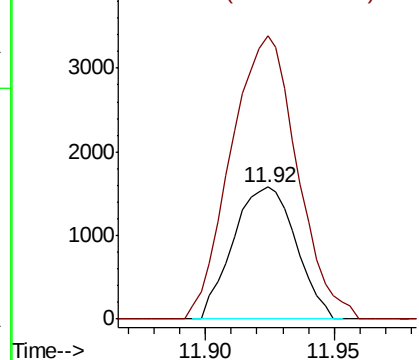
#69
o-Xylene
Concen: 0.714 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VN062488.D
Acq: 10 Jul 2020 13:06

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:106 Resp: 2660
Ion Ratio Lower Upper
106 100
91 226.7 113.8 341.4

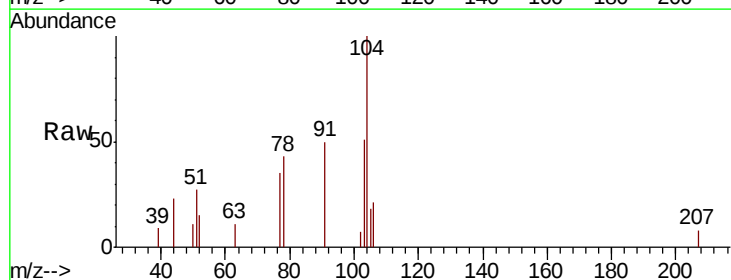


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

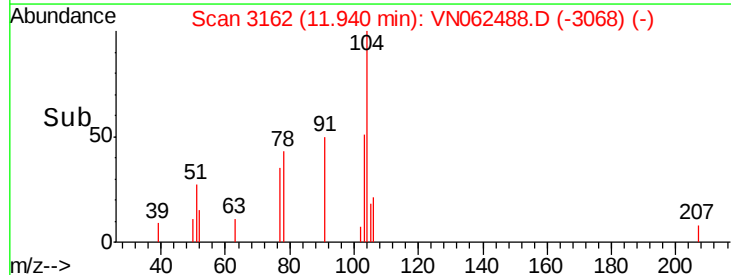
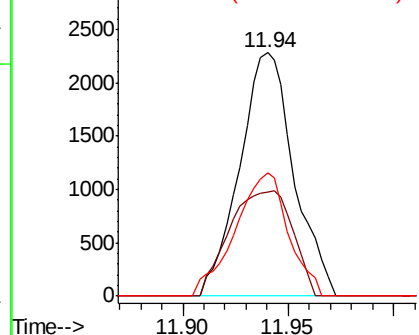


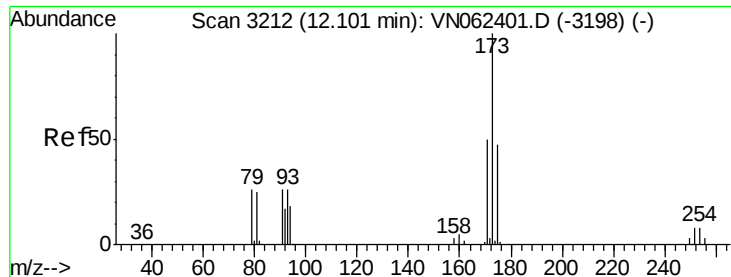
#70
Styrene
Concen: 0.661 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN062488.D
Acq: 10 Jul 2020 13:06

Tgt Ion:104 Resp: 4070
Ion Ratio Lower Upper
104 100
78 50.6 44.2 66.4
103 49.8 44.4 66.6



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

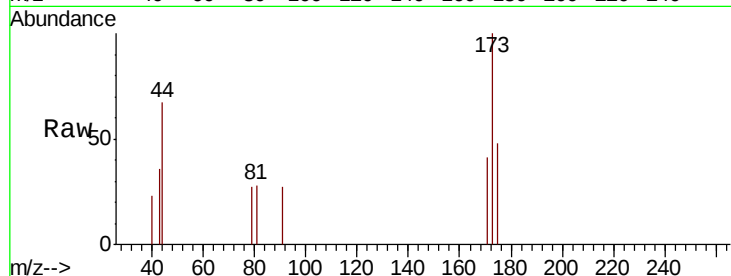




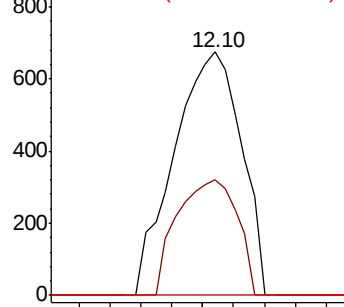
#71
Bromoform
Concen: 0.654 ug/l
RT: 12.10 min Scan# 3213
Delta R.T. 0.00 min
Lab File: VN062488.D
Acq: 10 Jul 2020 13:06

Instrument :
MSVOA_N
ClientSampled :

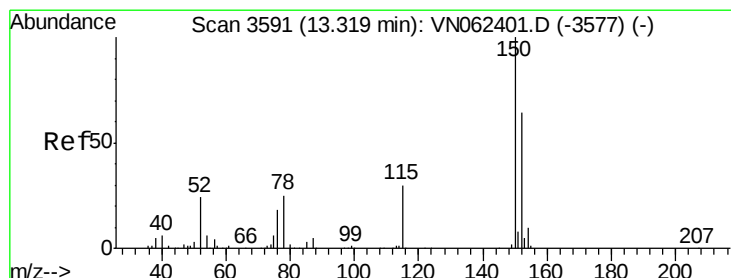
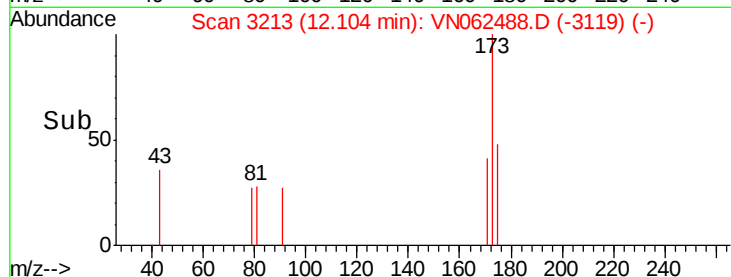
Tot Ion:173 Resp: 1019
Ion Ratio Lower Upper
173 100
175 42.7 23.7 71.1
254 0.0 0.0 0.0



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

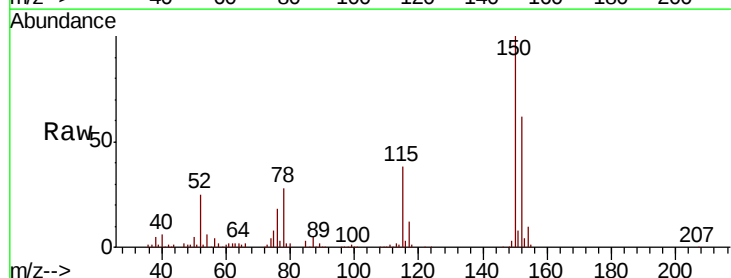


Time-->

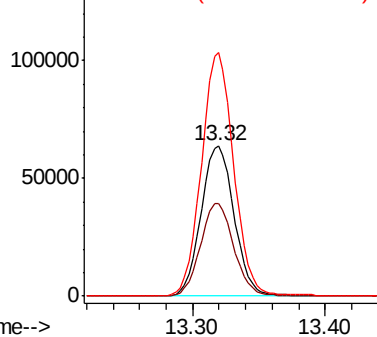


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3591
Delta R.T. 0.00 min
Lab File: VN062488.D
Acq: 10 Jul 2020 13:06

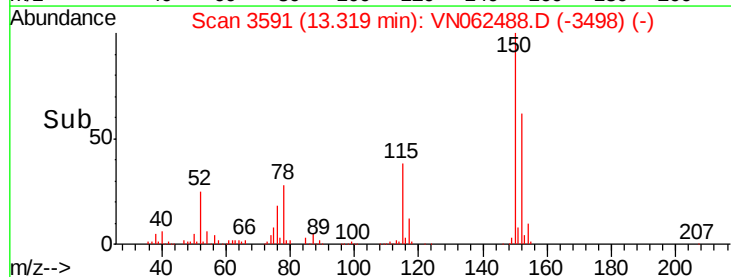
Tgt Ion:152 Resp: 110552
Ion Ratio Lower Upper
152 100
115 61.9 31.4 94.2
150 158.6 0.0 347.4

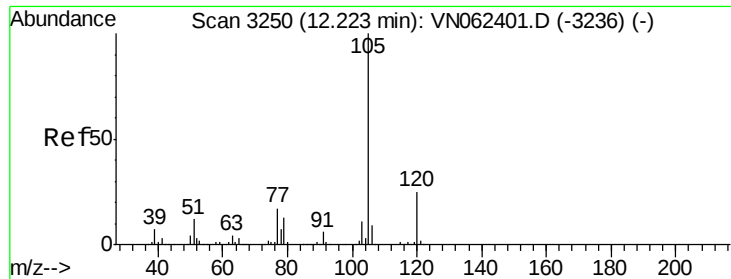


Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



Time-->

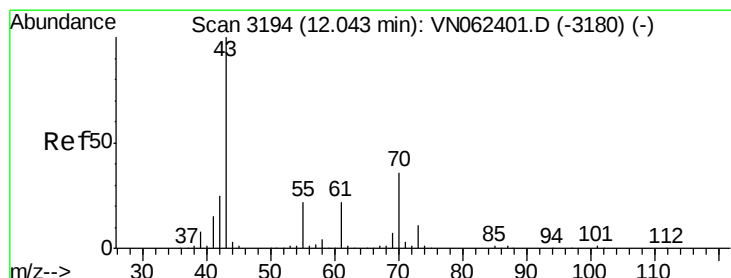
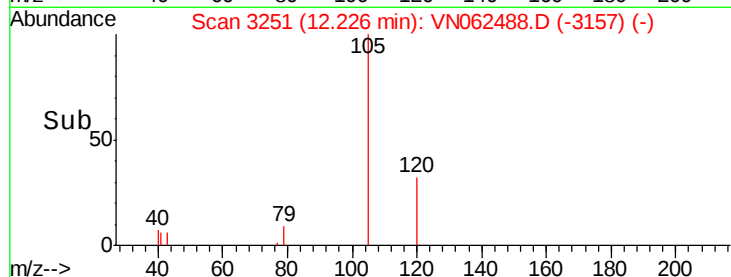
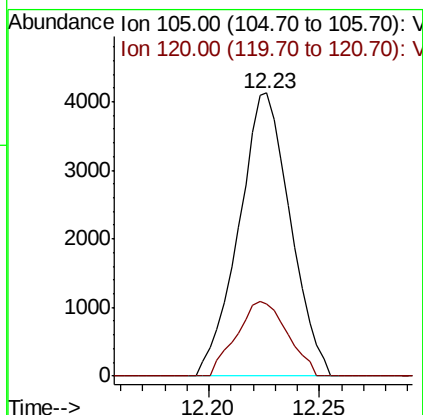
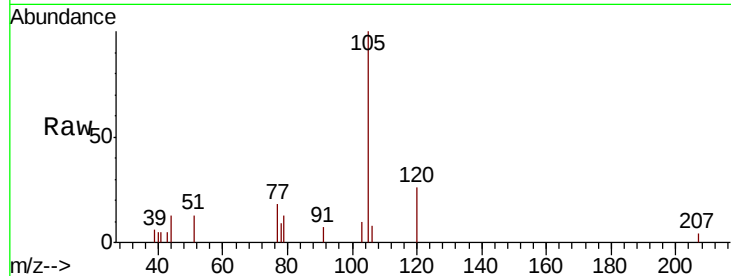




#73
Isopropylbenzene
Concen: 0.783 ug/l
RT: 12.23 min Scan# 3251
Delta R.T. 0.00 min
Lab File: VN062488.D
Acq: 10 Jul 2020 13:06

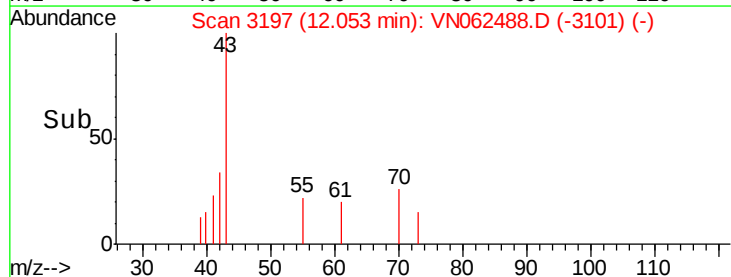
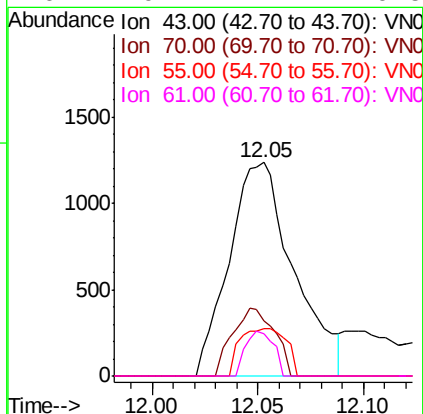
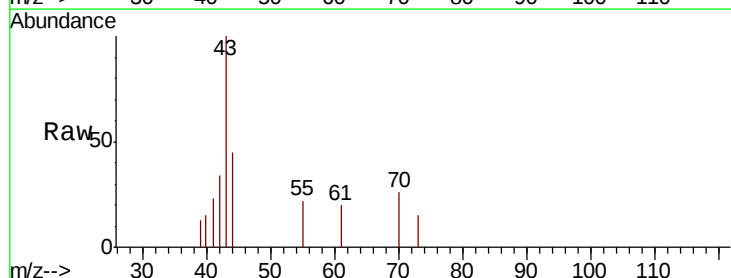
Instrument :
MSVOA_N
ClientSampleId :

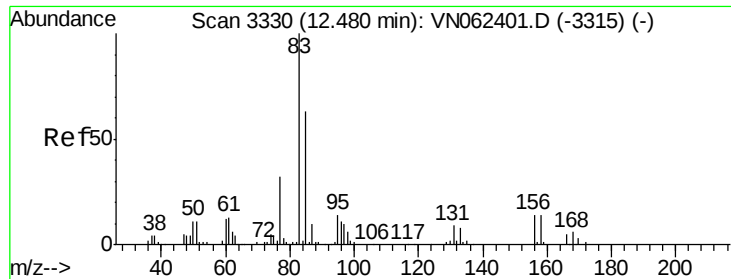
Tot Ion:105 Resp: 6699
Ion Ratio Lower Upper
105 100
120 26.1 12.7 38.1



#74
N-ethyl acetate
Concen: 0.631 ug/l
RT: 12.05 min Scan# 3197
Delta R.T. 0.01 min
Lab File: VN062488.D
Acq: 10 Jul 2020 13:06

Tgt Ion: 43 Resp: 2629
Ion Ratio Lower Upper
43 100
70 20.5 30.0 45.0#
55 15.8 18.2 27.4#
61 9.2 17.7 26.5#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.922 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN062488.D

Acq: 10 Jul 2020 13:06

Instrument :

MSVOA_N

ClientSampleId :

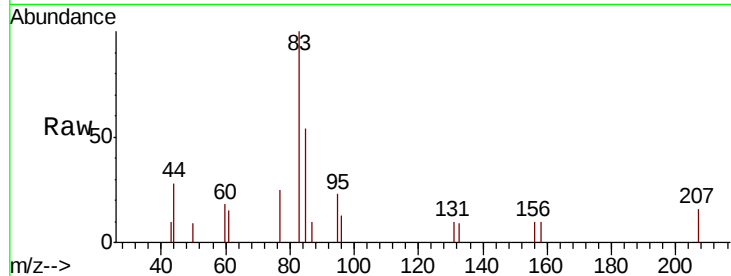
Tot Ion: 83 Resp: 2652

Ion Ratio Lower Upper

83 100

131 2.4 4.5 13.5#

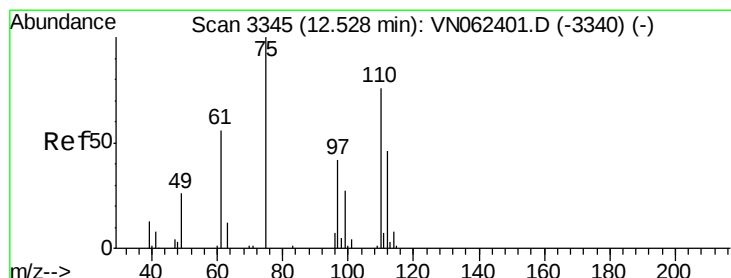
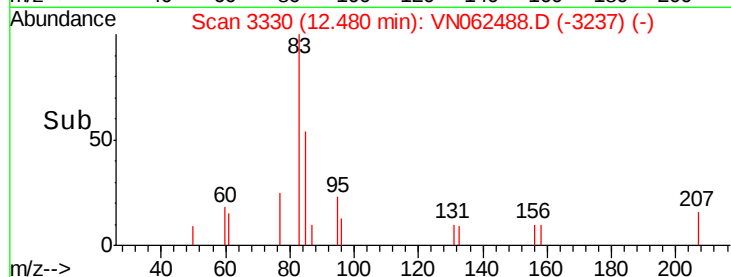
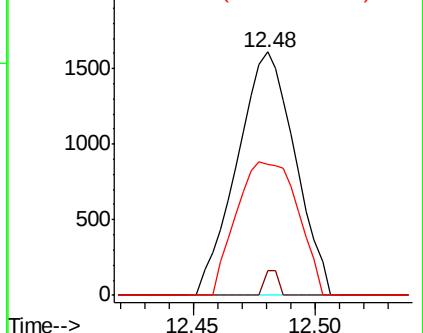
85 58.1 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VN062488.D (-3237) (-)

Ion 130.80 (130.50 to 131.50): VN062488.D (-3237) (-)

Ion 84.90 (84.60 to 85.60): VN062488.D (-3237) (-)



#76

1,2,3-Trichloropropane

Concen: 1.153 ug/l

RT: 12.53 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN062488.D

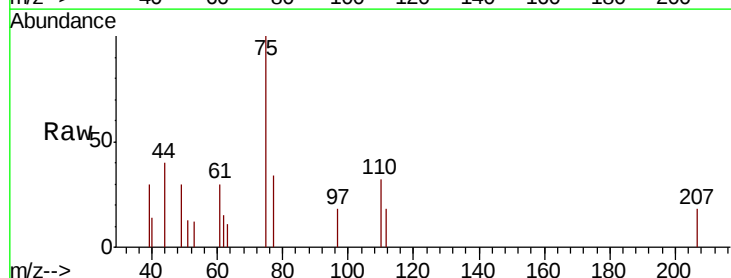
Acq: 10 Jul 2020 13:06

Tgt Ion: 75 Resp: 3127

Ion Ratio Lower Upper

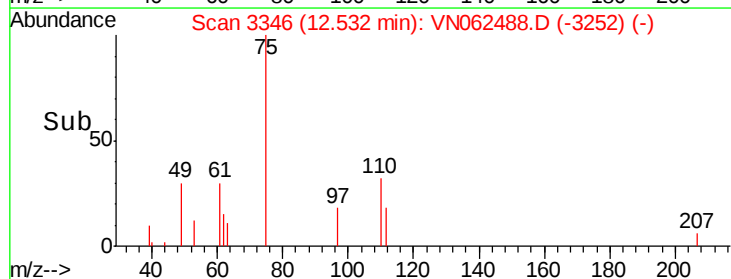
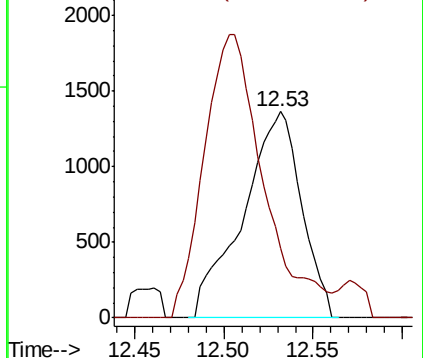
75 100

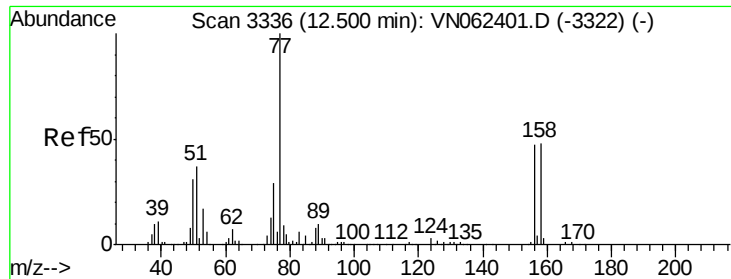
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN062488.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN062488.D (-3252) (-)





#77

Bromobenzene

Concen: 0.855 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN062488.D

Acq: 10 Jul 2020 13:06

Instrument :

MSVOA_N

ClientSampleId :

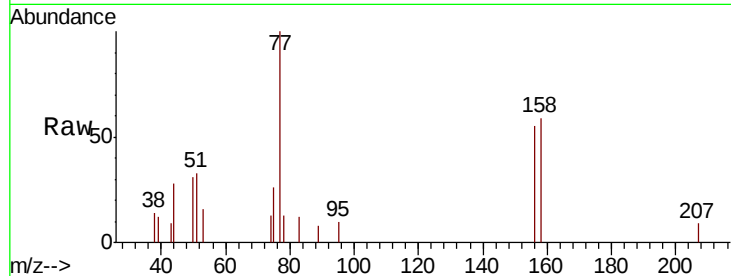
Tot Ion:156 Resp: 1663

Ion Ratio Lower Upper

156 100

77 261.9 126.4 379.3

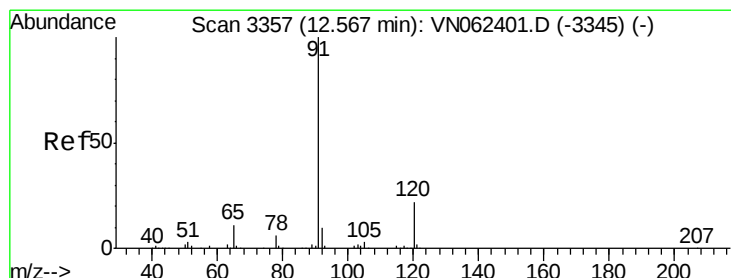
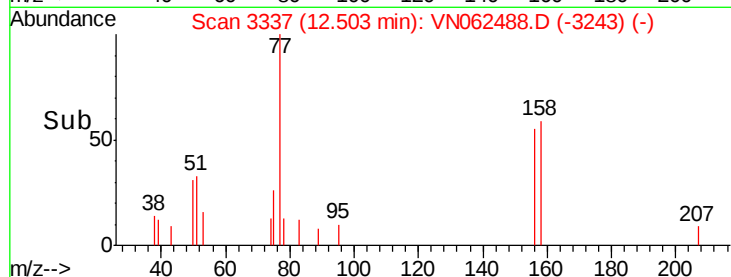
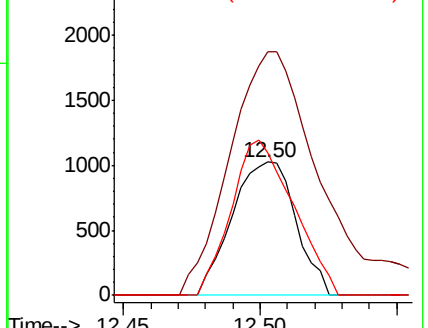
158 114.1 49.8 149.4



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: 0.782 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN062488.D

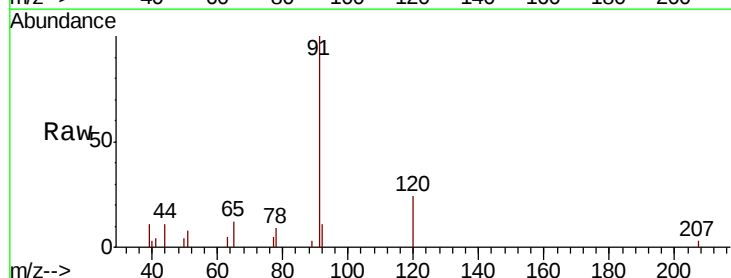
Acq: 10 Jul 2020 13:06

Tgt Ion: 91 Resp: 7810

Ion Ratio Lower Upper

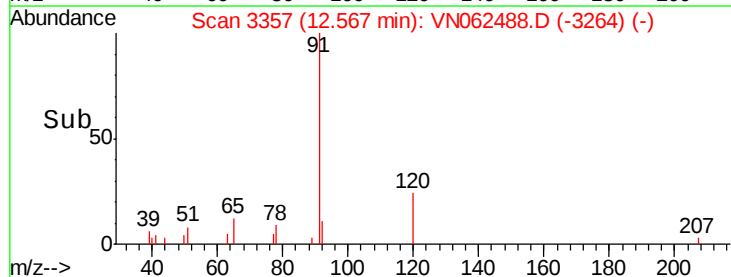
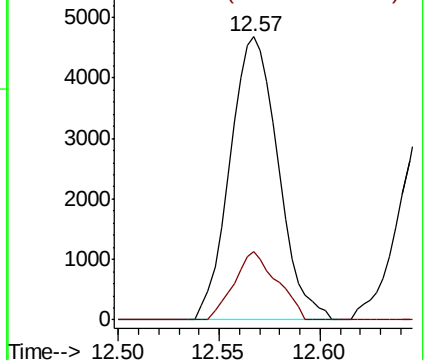
91 100

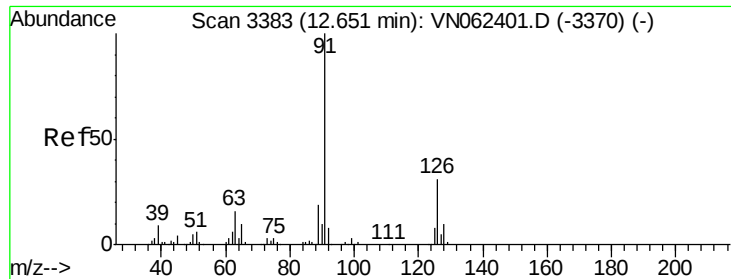
120 21.6 10.7 32.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 0.885 ug/l

RT: 12.65 min Scan# 3383

Delta R.T. 0.00 min

Lab File: VN062488.D

Acq: 10 Jul 2020 13:06

Instrument :

MSVOA_N

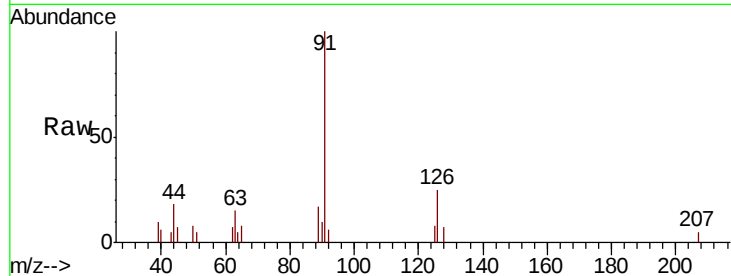
ClientSampled :

Tot Ion: 91 Resp: 5368

Ion Ratio Lower Upper

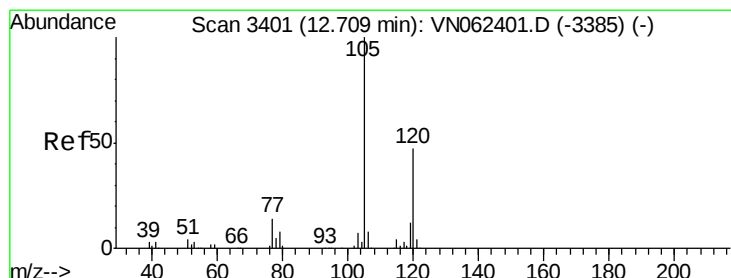
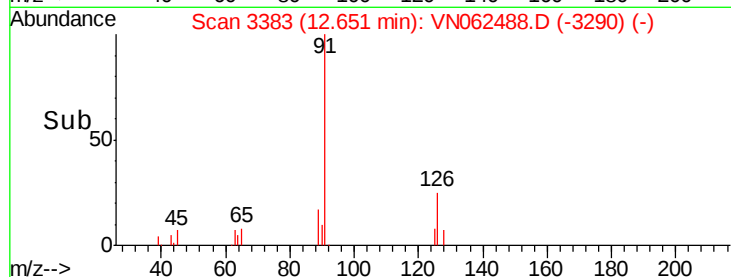
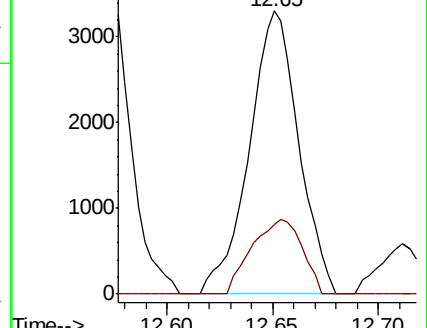
91 100

126 26.8 15.6 46.7



Abundance Ion 91.00 (90.70 to 91.70): VN062401.D (-3370) (-)

Ion 125.90 (125.60 to 126.60): VN062401.D (-3370) (-)



#80

1,3,5-Trimethylbenzene

Concen: 0.721 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN062488.D

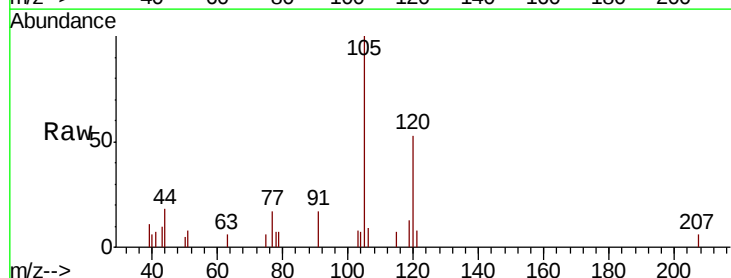
Acq: 10 Jul 2020 13:06

Tgt Ion: 105 Resp: 5054

Ion Ratio Lower Upper

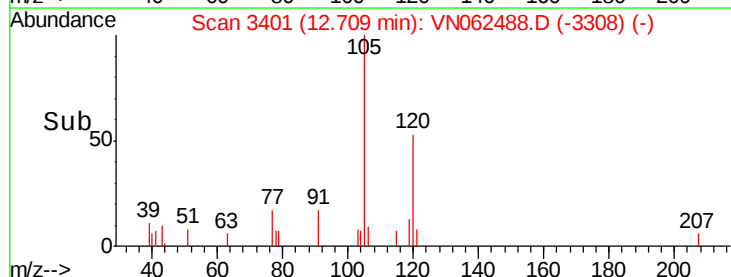
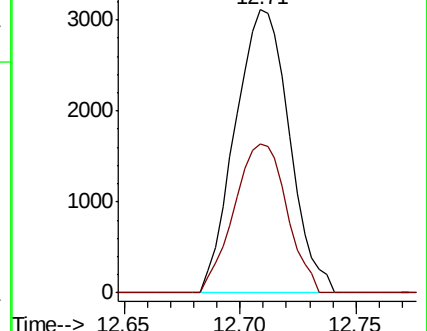
105 100

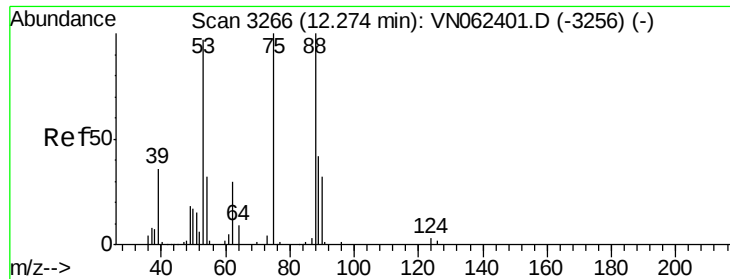
120 51.2 23.4 70.2



Abundance Ion 105.00 (104.70 to 105.70): VN062401.D (-3385) (-)

Ion 120.00 (119.70 to 120.70): VN062401.D (-3385) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 67.437 ug/l

RT: 12.38 min Scan# 3298

Delta R.T. 0.10 min

Lab File: VN062488.D

Acq: 10 Jul 2020 13:06

Instrument :

MSVOA_N

ClientSampled :

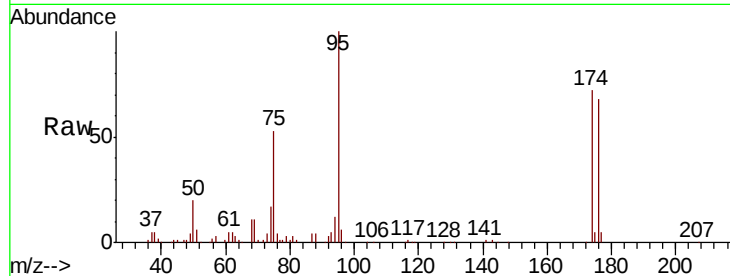
Tot Ion: 75 Resp: 68344

Ion Ratio Lower Upper

75 100

53 0.0 79.2 118.8#

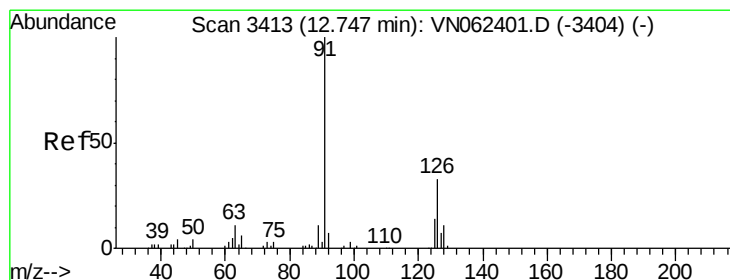
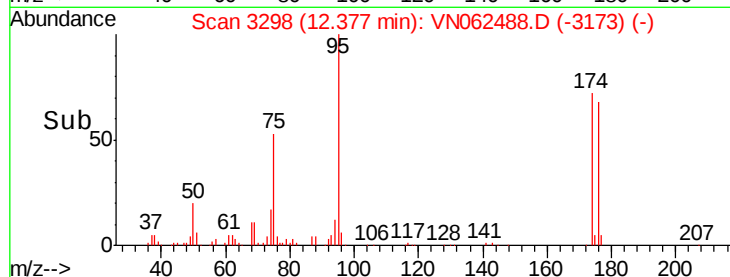
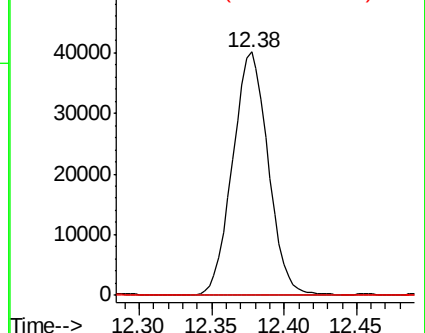
89 0.0 34.6 52.0#



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: 0.767 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN062488.D

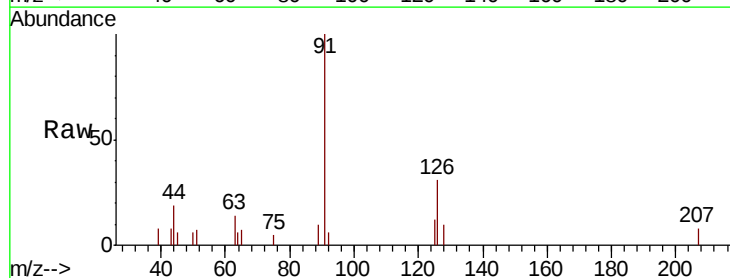
Acq: 10 Jul 2020 13:06

Tgt Ion: 91 Resp: 4720

Ion Ratio Lower Upper

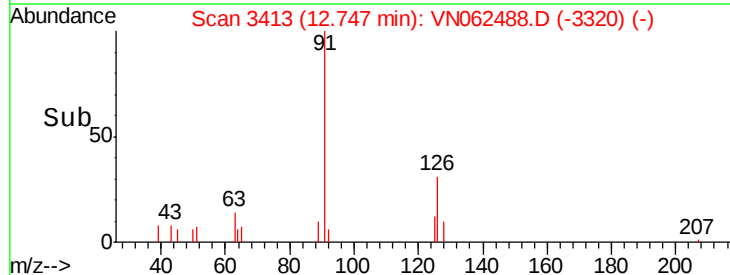
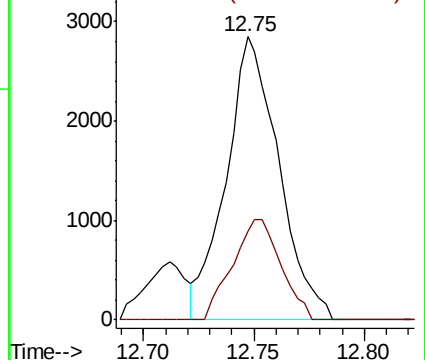
91 100

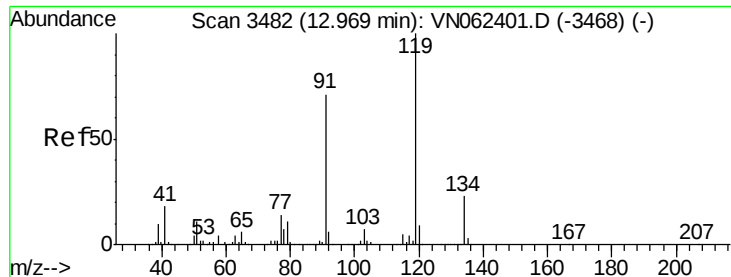
126 32.5 15.2 45.6



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

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

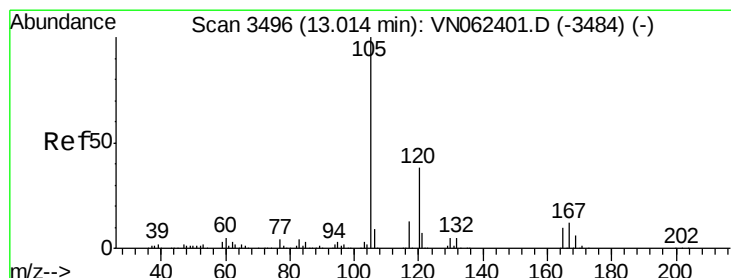
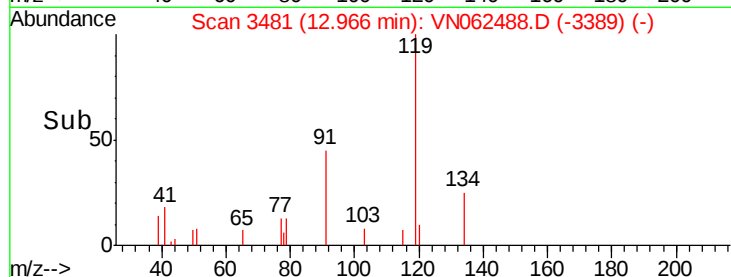
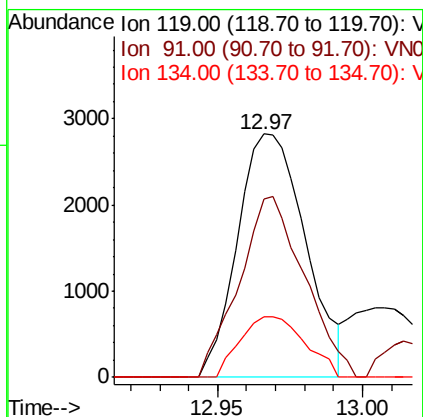
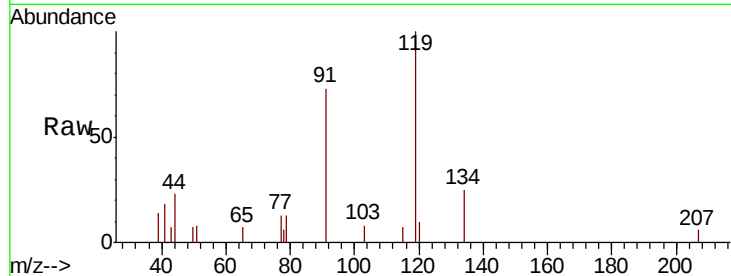




#83
 tert-Butylbenzene
 Concen: 0.773 ug/l
 RT: 12.97 min Scan# 3481
 Delta R.T. -0.00 min
 Lab File: VN062488.D
 Acq: 10 Jul 2020 13:06

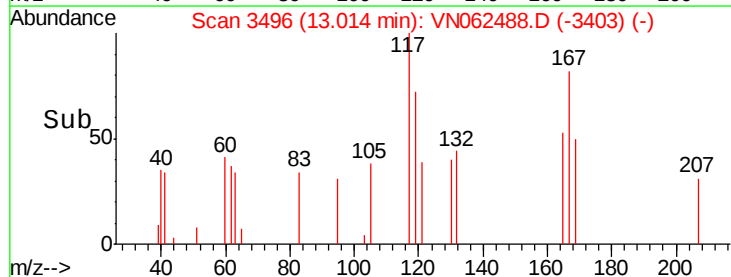
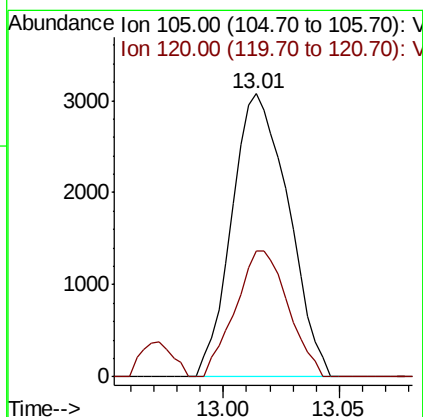
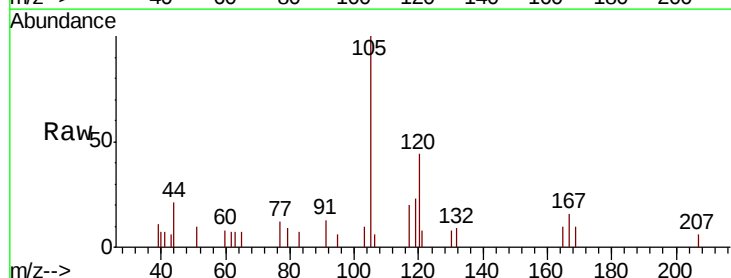
Instrument :
 MSVOA_N
 ClientSampled :

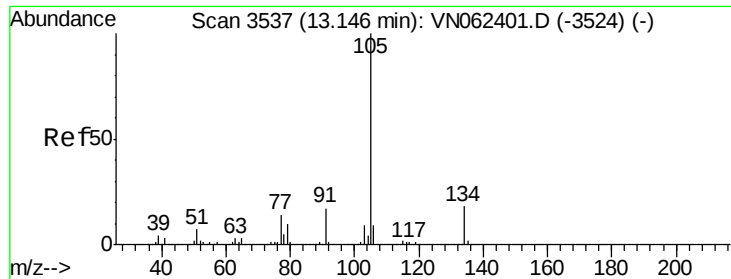
Tot Ion:119 Resp: 4603
 Ion Ratio Lower Upper
 119 100
 91 71.2 34.8 104.3
 134 23.6 11.7 35.0



#84
 1,2,4-Trimethylbenzene
 Concen: 0.746 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. 0.00 min
 Lab File: VN062488.D
 Acq: 10 Jul 2020 13:06

Tgt Ion:105 Resp: 5202
 Ion Ratio Lower Upper
 105 100
 120 41.6 21.6 64.8

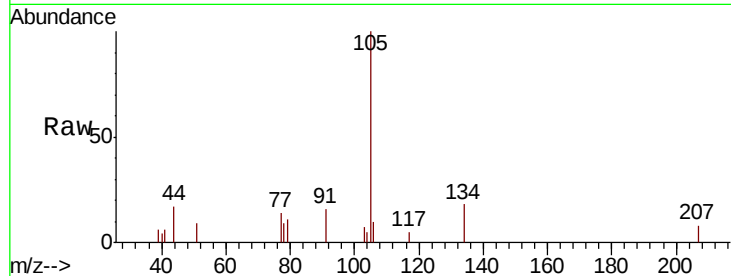




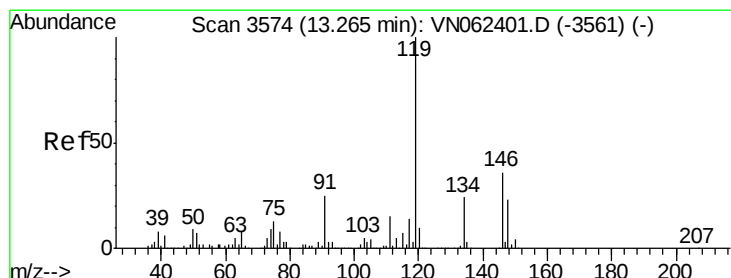
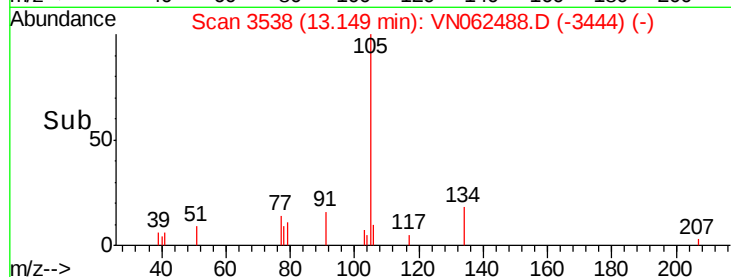
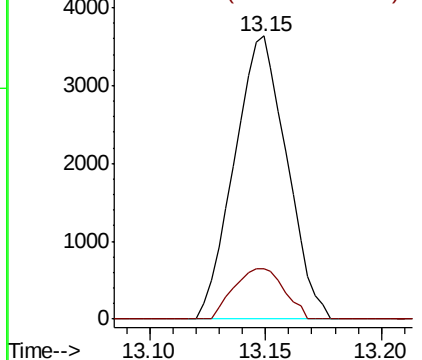
#85
 sec-Butylbenzene
 Concen: 0.725 ug/l
 RT: 13.15 min Scan# 3538
 Delta R.T. 0.00 min
 Lab File: VN062488.D
 Acq: 10 Jul 2020 13:06

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:105 Resp: 5716
 Ion Ratio Lower Upper
 105 100
 134 17.2 9.3 28.0

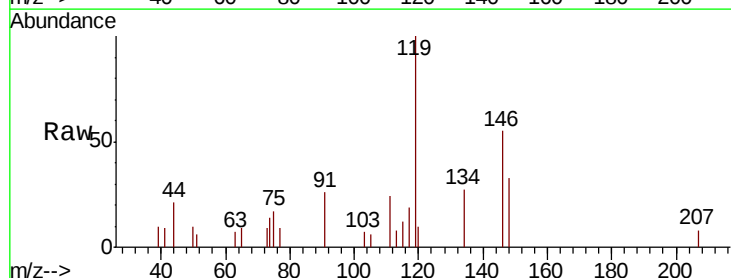


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 134.00 (133.70 to 134.70): V

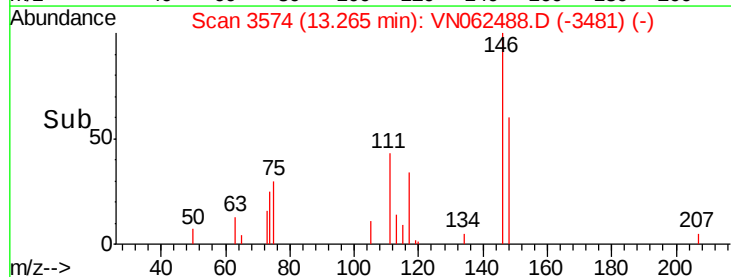
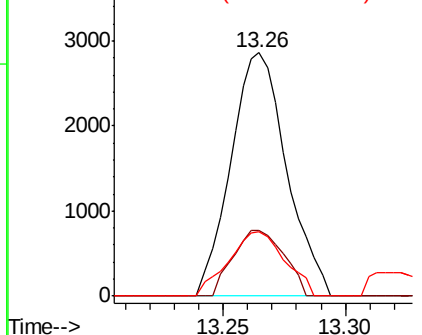


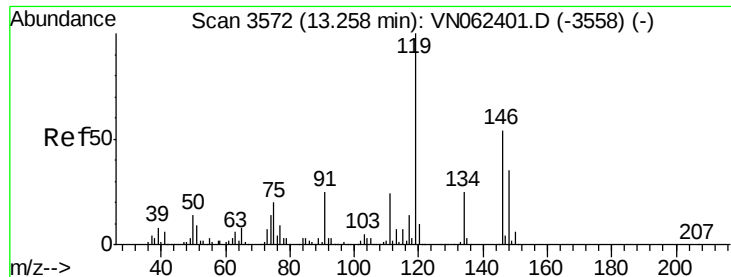
#86
 p-Isopropyltoluene
 Concen: 0.663 ug/l
 RT: 13.26 min Scan# 3574
 Delta R.T. 0.00 min
 Lab File: VN062488.D
 Acq: 10 Jul 2020 13:06

Tgt Ion:119 Resp: 4516
 Ion Ratio Lower Upper
 119 100
 134 24.8 12.4 37.0
 91 26.8 12.4 37.4



Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 0.850 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. 0.01 min

Lab File: VN062488.D

Acq: 10 Jul 2020 13:06

Instrument :

MSVOA_N

ClientSampled :

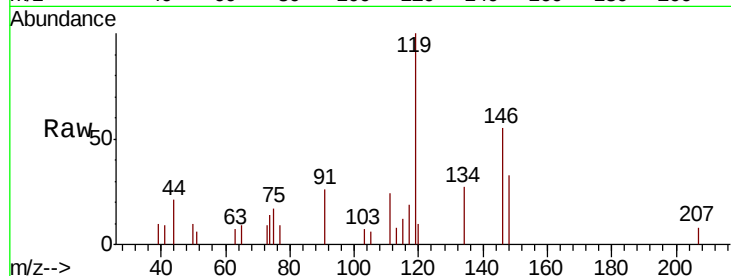
Tot Ion:146 Resp: 2852

Ion Ratio Lower Upper

146 100

111 35.2 21.6 64.6

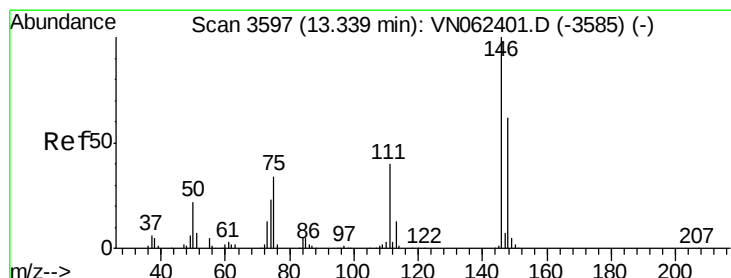
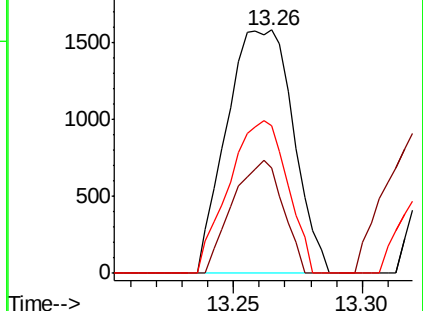
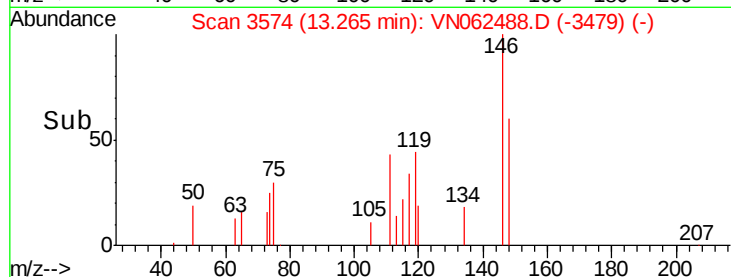
148 55.2 32.2 96.6



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: 0.826 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.07 min

Lab File: VN062488.D

Acq: 10 Jul 2020 13:06

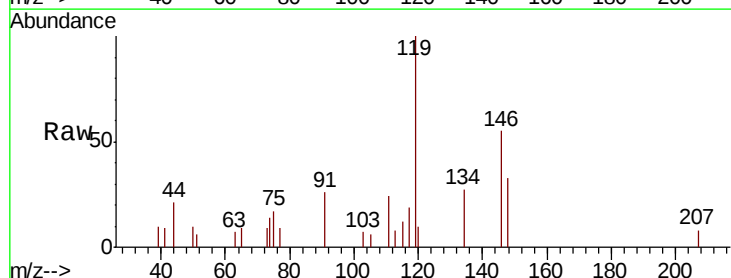
Tgt Ion:146 Resp: 2852

Ion Ratio Lower Upper

146 100

111 35.2 21.1 63.1

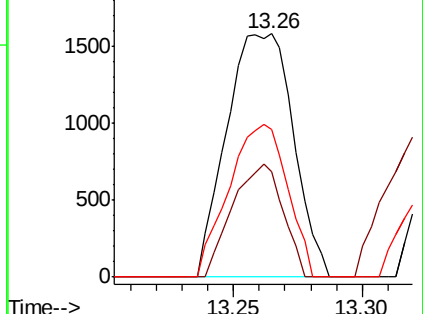
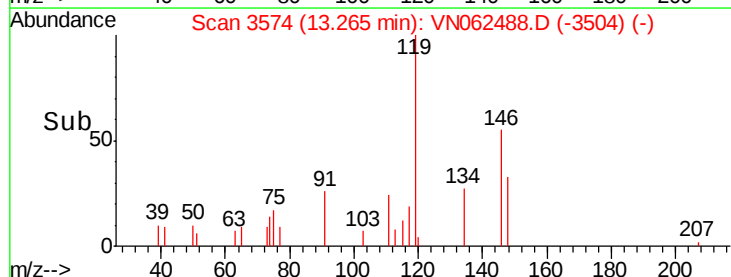
148 55.2 31.4 94.2

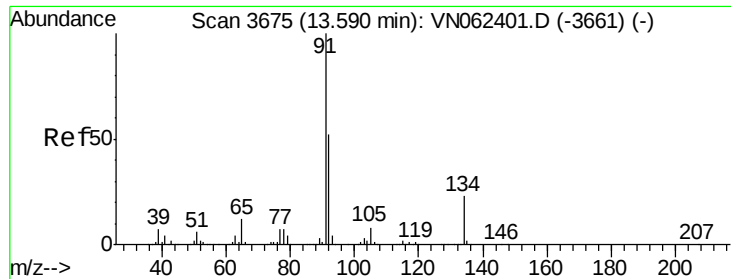


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 0.705 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. 0.00 min

Lab File: VN062488.D

Acq: 10 Jul 2020 13:06

Instrument :

MSVOA_N

ClientSampled :

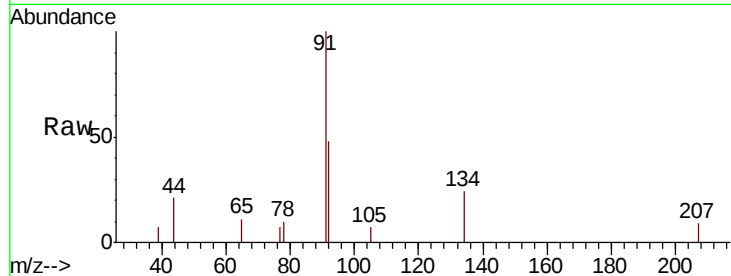
Tot Ion: 91 Resp: 4236

Ion Ratio Lower Upper

91 100

92 46.4 25.9 77.7

134 22.1 11.6 34.8

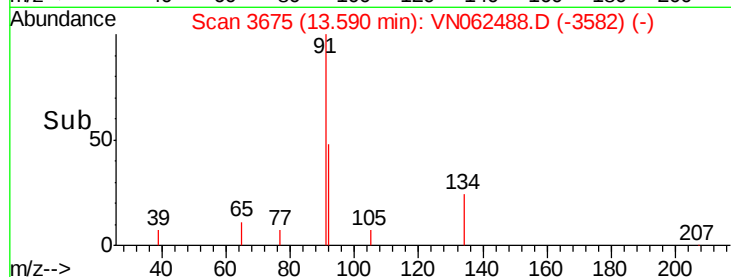


Abundance Ion 91.00 (90.70 to 91.70): VN062401.D (-3661) (-)

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

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

Time-->

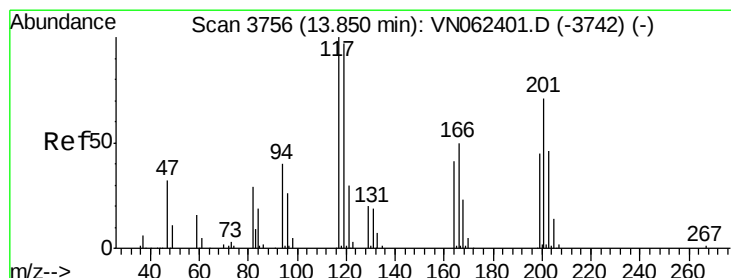


Abundance Ion 91.00 (90.70 to 91.70): VN062488.D (-3582) (-)

Ion 92.00 (91.70 to 92.70): VN062488.D (-3582) (-)

Ion 134.00 (133.70 to 134.70): VN062488.D (-3582) (-)

Time-->



#90

Hexachloroethane

Concen: 0.766 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. 0.00 min

Lab File: VN062488.D

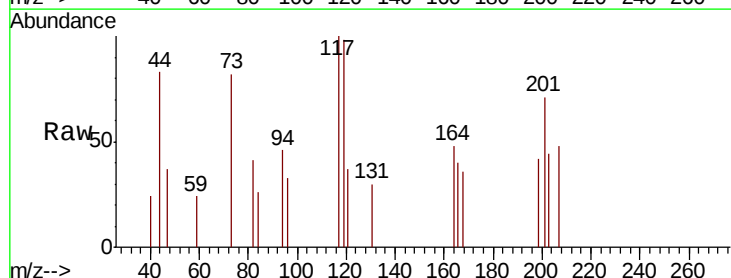
Acq: 10 Jul 2020 13:06

Tgt Ion: 117 Resp: 1025

Ion Ratio Lower Upper

117 100

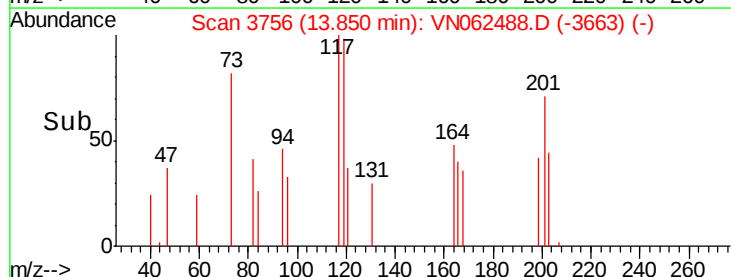
201 75.1 35.4 106.2



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

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

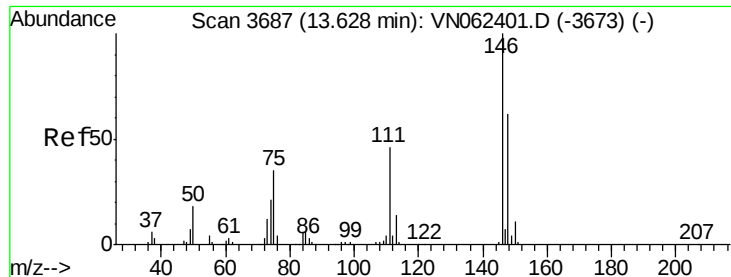
Time-->



Abundance Ion 116.80 (116.50 to 117.50): VN062488.D (-3663) (-)

Ion 200.70 (200.40 to 201.40): VN062488.D (-3663) (-)

Time-->



#91

1,2-Dichlorobenzene

Concen: 0.814 ug/l

RT: 13.63 min Scan# 3688

Delta R.T. 0.00 min

Lab File: VN062488.D

Acq: 10 Jul 2020 13:06

Instrument :

MSVOA_N

ClientSampled :

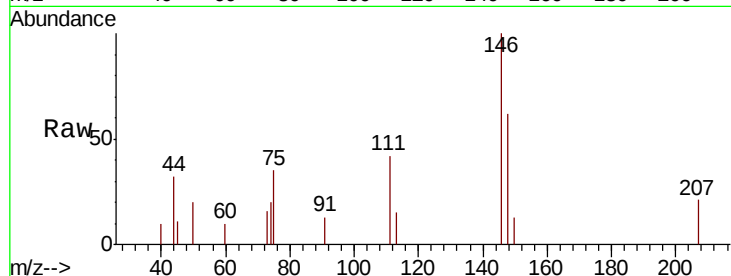
Tot Ion:146 Resp: 2641

Ion Ratio Lower Upper

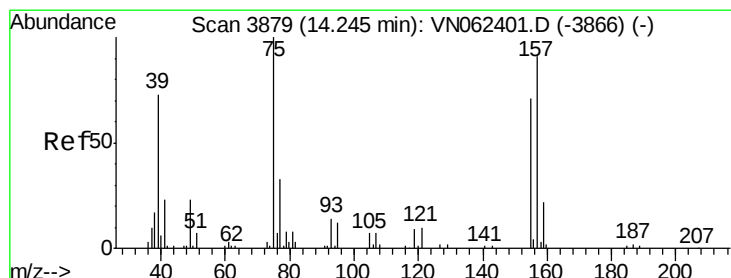
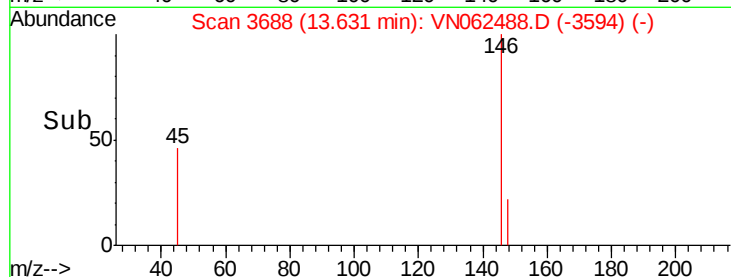
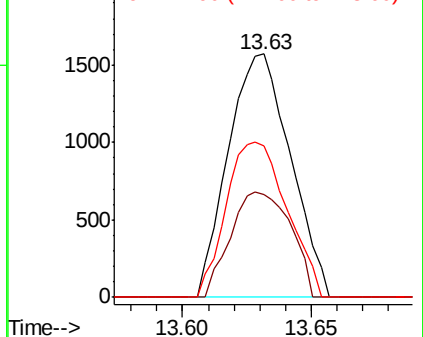
146 100

111 42.0 22.5 67.5

148 62.3 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: 0.684 ug/l

RT: 14.25 min Scan# 3881

Delta R.T. 0.01 min

Lab File: VN062488.D

Acq: 10 Jul 2020 13:06

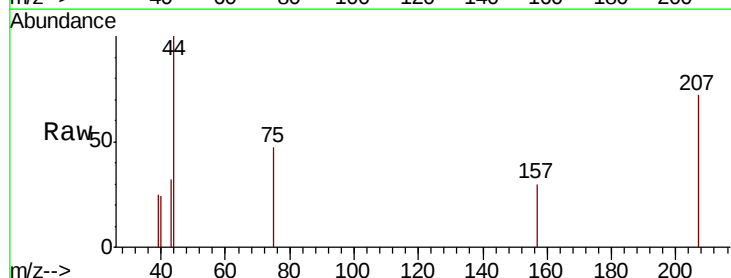
Tgt Ion: 75 Resp: 359

Ion Ratio Lower Upper

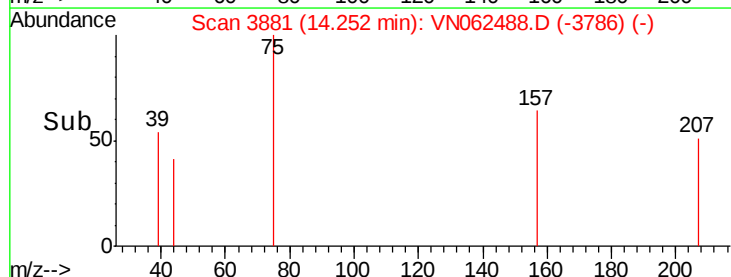
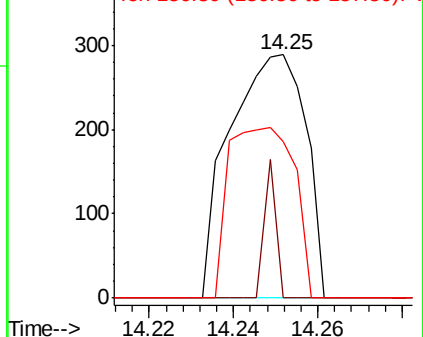
75 100

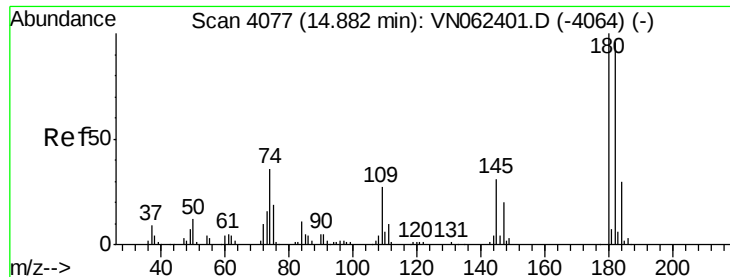
155 8.9 35.2 105.6#

157 60.4 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

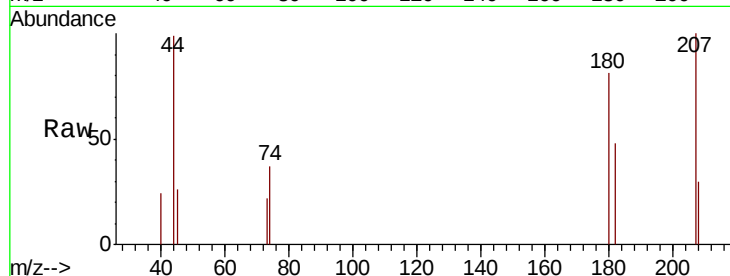




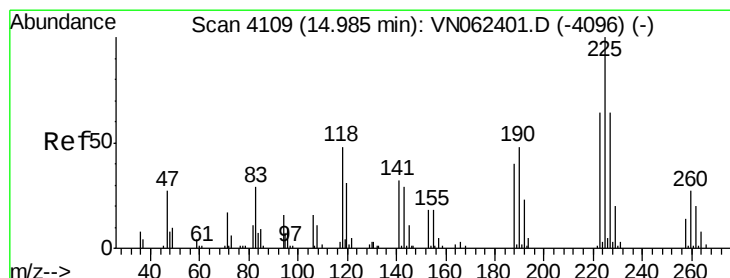
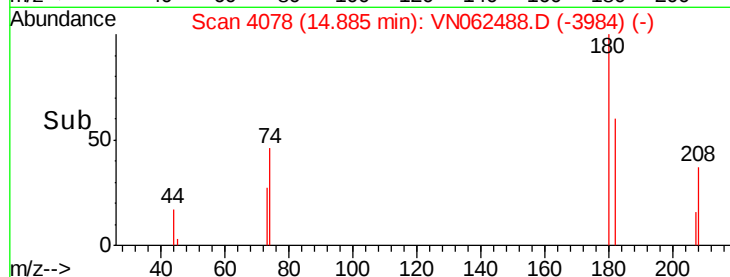
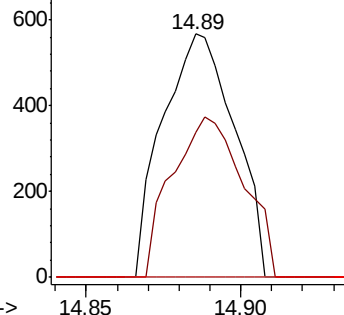
#93
 1,2,4-Trichlorobenzene
 Concen: 0.627 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN062488.D
 Acq: 10 Jul 2020 13:06

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:180 Resp: 917
 Ion Ratio Lower Upper
 180 100
 182 65.8 48.4 145.2
 145 0.0 15.5 46.5#

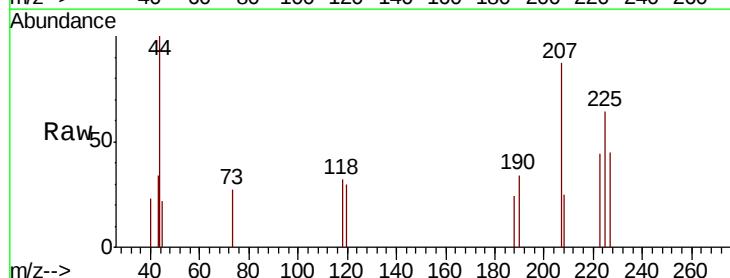


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

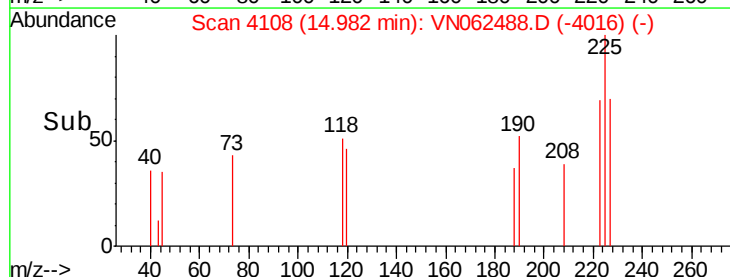
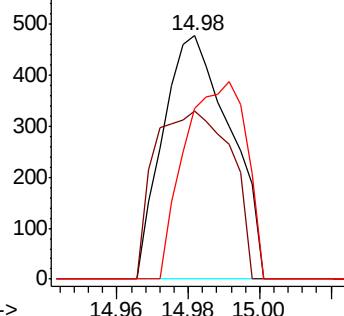


#94
 Hexachlorobutadiene
 Concen: 0.723 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN062488.D
 Acq: 10 Jul 2020 13:06

Tgt Ion:225 Resp: 623
 Ion Ratio Lower Upper
 225 100
 223 78.2 32.3 96.8
 227 74.0 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: 0.608 ug/l

RT: 15.11 min Scan# 4147

Delta R.T. 0.00 min

Lab File: VN062488.D

Acq: 10 Jul 2020 13:06

Instrument :

MSVOA_N

ClientSampled :

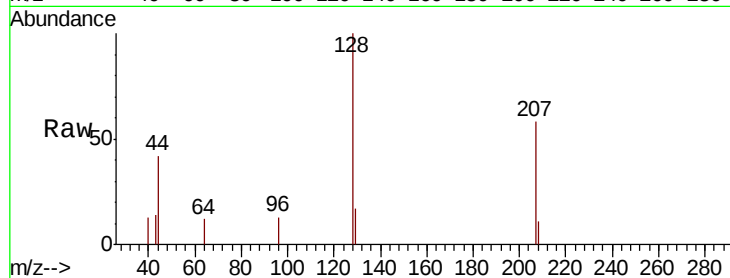
Tot Ion:128 Resp: 2508

Ion Ratio Lower Upper

128 100

127 2.5 10.2 15.2#

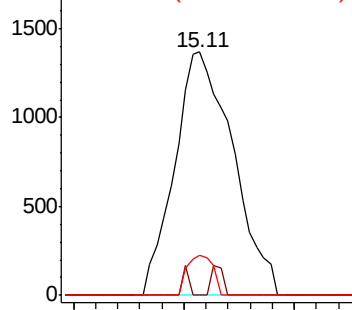
129 7.5 8.6 12.8#



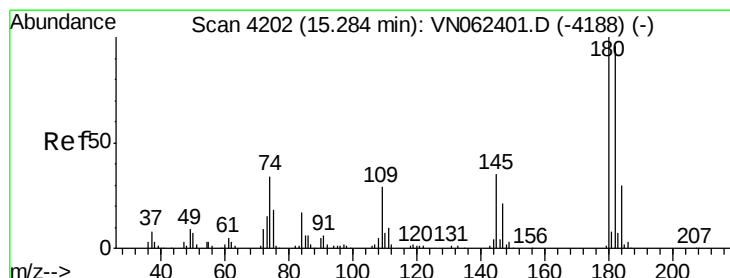
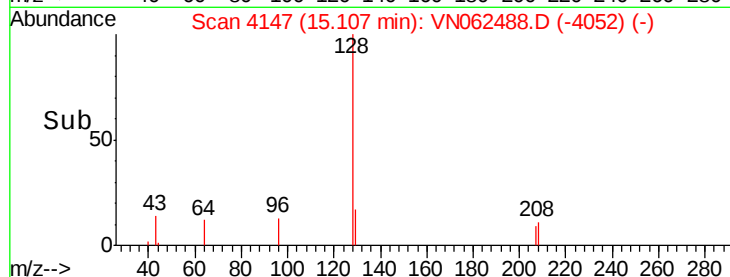
Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



Time-->



#96

1,2,3-Trichlorobenzene

Concen: 0.634 ug/l

RT: 15.29 min Scan# 4204

Delta R.T. 0.01 min

Lab File: VN062488.D

Acq: 10 Jul 2020 13:06

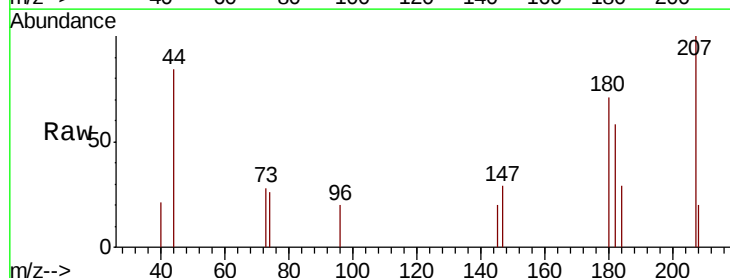
Tgt Ion:180 Resp: 965

Ion Ratio Lower Upper

180 100

182 78.5 47.8 143.4

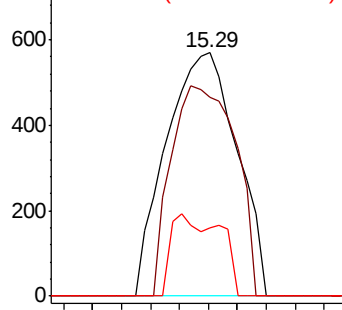
145 13.7 17.0 50.9#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V



Time-->

