

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071020\
 Data File : VN062492.D
 Acq On : 10 Jul 2020 14:43
 Operator : JC/MD
 Sample : VN0710WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 11 02:06:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 00:55:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	195929	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	336130	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	307433	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	134138	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	154512	51.27	ug/l	0.00
Spiked Amount			Recovery	=	102.54%	
35) Dibromofluoromethane	7.55	113	108880	52.40	ug/l	0.00
Spiked Amount			Recovery	=	104.80%	
50) Toluene-d8	10.06	98	426535	52.00	ug/l	0.00
Spiked Amount			Recovery	=	104.00%	
62) 4-Bromofluorobenzene	12.38	95	153336	51.16	ug/l	0.00
Spiked Amount			Recovery	=	102.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	35482	17.779	ug/l	94
3) Chloromethane	2.03	50	55196	17.237	ug/l	99
4) Vinyl Chloride	2.16	62	48750	18.582	ug/l	98
5) Bromomethane	2.53	94	23438	16.634	ug/l	94
6) Chloroethane	2.67	64	29773	19.484	ug/l	99
7) Trichlorofluoromethane	2.98	101	63379	19.021	ug/l	98
8) Diethyl Ether	3.37	74	29250	19.632	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	38571	19.528	ug/l	99
10) Methyl Iodide	3.91	142	44530	17.074	ug/l	99
11) Tert butyl alcohol	4.73	59	48500	97.017	ug/l	99
12) 1,1-Dichloroethene	3.70	96	37934	18.863	ug/l	94
13) Acrolein	3.57	56	33118	91.835	ug/l	98
14) Allyl chloride	4.28	41	85761	18.133	ug/l	98
15) Acrylonitrile	4.93	53	131858	100.571	ug/l	98
16) Acetone	3.78	43	102818	80.361	ug/l	98
17) Carbon Disulfide	4.01	76	108830	17.270	ug/l	100
18) Methyl Acetate	4.28	43	62088	19.445	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	147654	19.366	ug/l	99
20) Methylene Chloride	4.50	84	49829	18.215	ug/l	94
21) trans-1,2-Dichloroethene	4.99	96	42009	19.282	ug/l	96
22) Diisopropyl ether	5.91	45	181809	19.457	ug/l	98
23) Vinyl Acetate	5.84	43	742003	95.858	ug/l	100
24) 1,1-Dichloroethane	5.80	63	92800	19.219	ug/l	99
25) 2-Butanone	6.79	43	174693	93.490	ug/l	97
26) 2,2-Dichloropropane	6.78	77	68779	18.577	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	49966	19.801	ug/l	96
28) Bromochloromethane	7.15	49	49907	19.024	ug/l	99
29) Tetrahydrofuran	7.17	42	119830	95.253	ug/l	98
30) Chloroform	7.33	83	86877	19.927	ug/l	99
31) Cyclohexane	7.61	56	80374	17.558	ug/l	94
32) 1,1,1-Trichloroethane	7.53	97	70397	19.412	ug/l	98
36) 1,1-Dichloropropene	7.75	75	61937	18.290	ug/l	98
37) Ethyl Acetate	6.88	43	74703	18.865	ug/l	99
38) Carbon Tetrachloride	7.73	117	57723	18.959	ug/l	100

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Instrument :
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 ClientSampleId :

Quant Time: Jul 11 02:06:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070820W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 00:55:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	66142	18.295	ug/l	97
40) Benzene	8.00	78	192181	19.255	ug/l	99
41) Methacrylonitrile	7.13	41	37734	22.808	ug/l	89
42) 1,2-Dichloroethane	8.09	62	73716	20.171	ug/l	100
43) Isopropyl Acetate	8.13	43	121202	19.375	ug/l	94
44) Trichloroethene	8.80	130	43355	19.578	ug/l	98
45) 1,2-Dichloropropane	9.09	63	57278	19.769	ug/l	99
46) Dibromomethane	9.18	93	32527	19.894	ug/l	98
47) Bromodichloromethane	9.37	83	68743	19.665	ug/l	99
48) Methyl methacrylate	9.17	41	57140	18.622	ug/l	98
49) 1,4-Dioxane	9.17	88	17149	383.971	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	375221	100.427	ug/l	100
52) Toluene	10.12	92	113561	19.698	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	76109	19.434	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	82436	19.078	ug/l	98
55) 1,1,2-Trichloroethane	10.54	97	45964	20.272	ug/l	97
56) Ethyl methacrylate	10.40	69	75404	19.164	ug/l	96
57) 1,3-Dichloropropane	10.68	76	84774	20.238	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	127800	95.008	ug/l	97
59) 2-Hexanone	10.72	43	265697	97.956	ug/l	98
60) Dibromochloromethane	10.87	129	50528	20.553	ug/l	100
61) 1,2-Dibromoethane	10.98	107	47006	20.537	ug/l	97
64) Tetrachloroethene	10.60	164	34843	19.099	ug/l	99
65) Chlorobenzene	11.41	112	117055	19.591	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	44705	20.289	ug/l	100
67) Ethyl Benzene	11.48	91	214592	19.133	ug/l	99
68) m/p-Xylenes	11.60	106	157151	39.580	ug/l	97
69) o-Xylene	11.92	106	76044	19.671	ug/l	100
70) Styrene	11.94	104	126217	19.755	ug/l	99
71) Bromoform	12.10	173	33451	20.709	ug/l #	98
73) Isopropylbenzene	12.22	105	202649	19.523	ug/l	100
74) N-amyl acetate	12.05	43	101255	20.042	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	71965	20.620	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	91211	27.713	ug/l #	100
77) Bromobenzene	12.50	156	46721	19.799	ug/l	98
78) n-propylbenzene	12.57	91	233022	19.219	ug/l	100
79) 2-Chlorotoluene	12.65	91	143193	19.459	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	170512	20.039	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	23431	19.055	ug/l	98
82) 4-Chlorotoluene	12.75	91	146966	19.672	ug/l	100
83) tert-Butylbenzene	12.97	119	139199	19.277	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	166515	19.687	ug/l	99
85) sec-Butylbenzene	13.15	105	188986	19.750	ug/l	100
86) p-Isopropyltoluene	13.26	119	164368	19.902	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	80220	19.706	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	80870	19.306	ug/l	98
89) n-Butylbenzene	13.59	91	133028	18.243	ug/l	99
90) Hexachloroethane	13.85	117	30990	19.076	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	79502	20.198	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.25	75	12524	19.664	ug/l	99

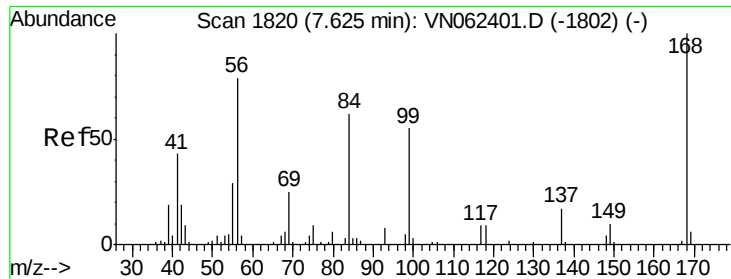
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071020\
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Quant Title : SW846 8260
QLast Update : Fri Jul 10 00:55:52 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	34544	18.609	ug/l	99
94) Hexachlorobutadiene	14.99	225	20450	19.568	ug/l	100
95) Naphthalene	15.10	128	92116	19.355	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	36408	19.292	ug/l	99

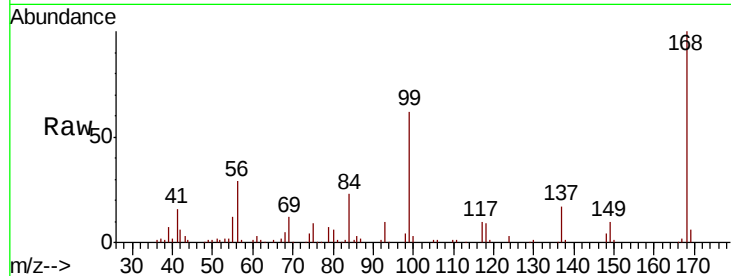
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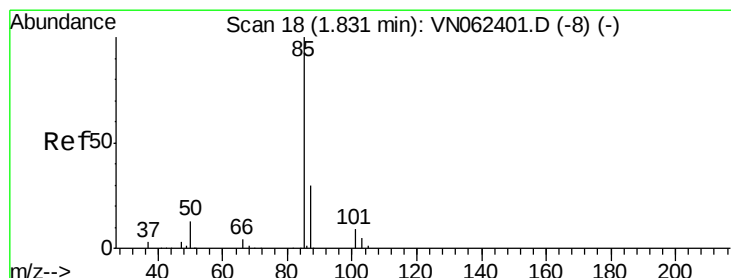
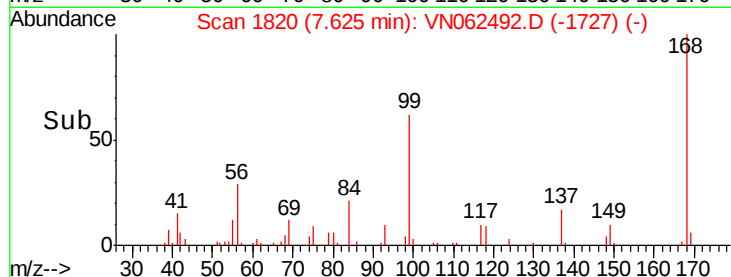
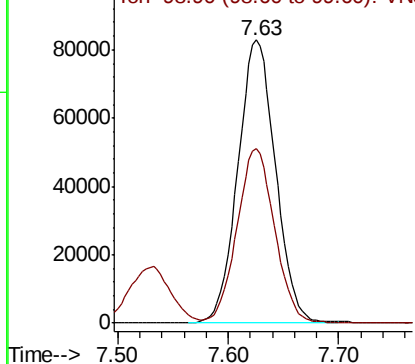
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1820
Delta R.T. 0.00 min
Lab File: VN062492.D
Acq: 10 Jul 2020 14:43

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 195929
Ion Ratio Lower Upper
168 100
99 61.5 48.8 73.2

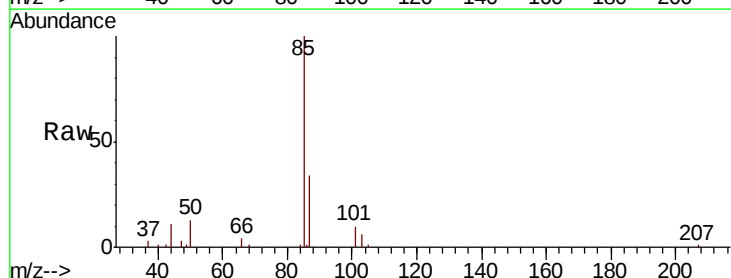


Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): VNO

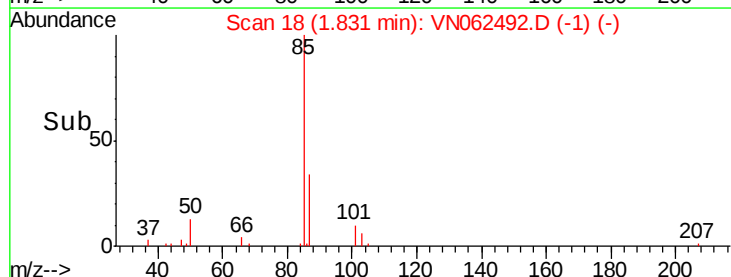
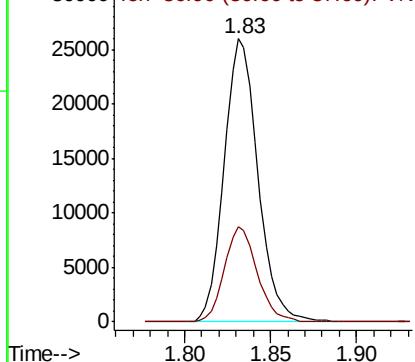


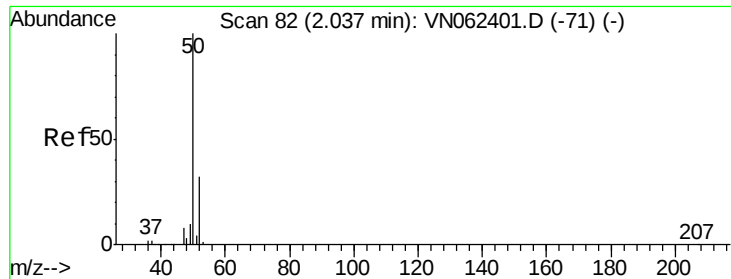
#2
Dichlorodifluoromethane
Concen: 17.779 ug/l
RT: 1.83 min Scan# 18
Delta R.T. 0.00 min
Lab File: VN062492.D
Acq: 10 Jul 2020 14:43

Tgt Ion: 85 Resp: 35482
Ion Ratio Lower Upper
85 100
87 33.7 15.2 45.5



Abundance Ion 84.90 (84.60 to 85.60): VNO
Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 17.237 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN062492.D

Acq: 10 Jul 2020 14:43

Instrument :

MSVOA_N

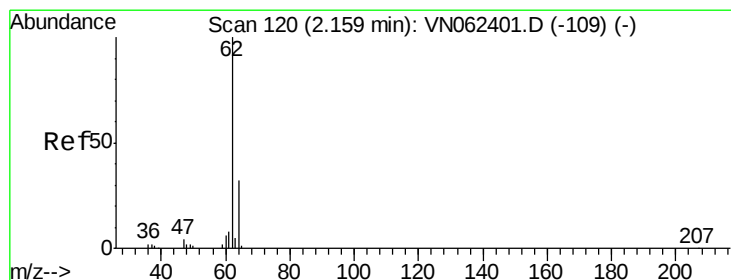
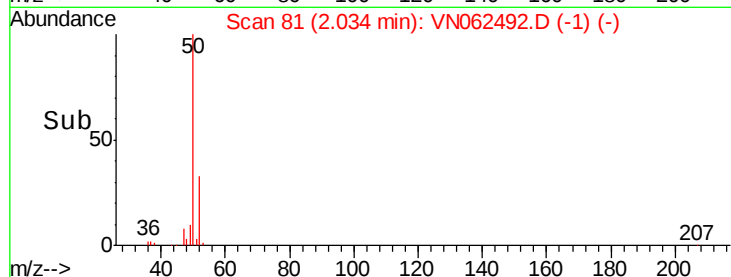
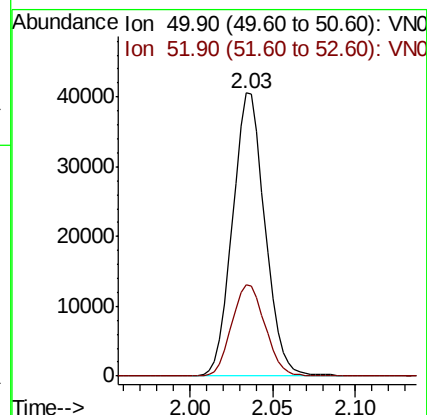
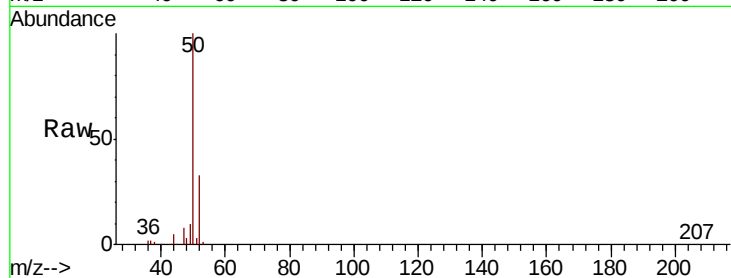
ClientSampled :

Tot Ion: 50 Resp: 55196

Ion Ratio Lower Upper

50 100

52 32.5 25.5 38.3



#4

Vinyl Chloride

Concen: 18.582 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062492.D

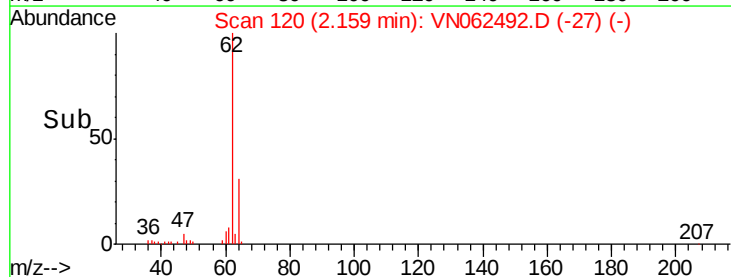
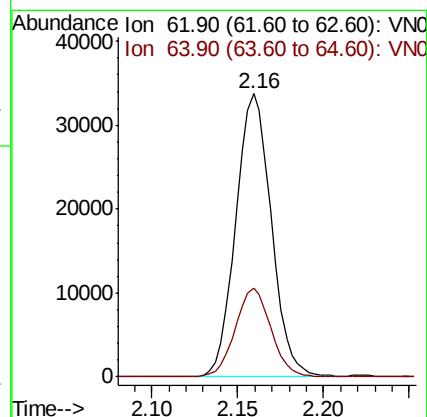
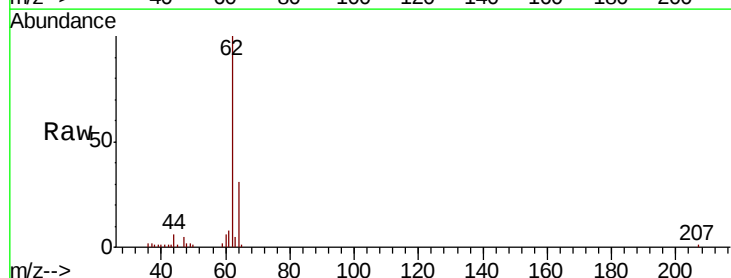
Acq: 10 Jul 2020 14:43

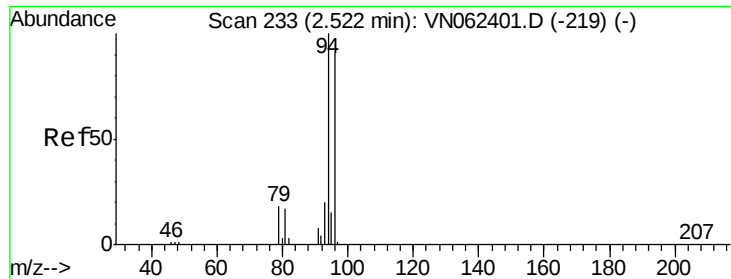
Tgt Ion: 62 Resp: 48750

Ion Ratio Lower Upper

62 100

64 31.2 25.7 38.5





#5

Bromomethane

Concen: 16.634 ug/l

RT: 2.53 min Scan# 234

Delta R.T. 0.00 min

Lab File: VN062492.D

Acq: 10 Jul 2020 14:43

Instrument :

MSVOA_N

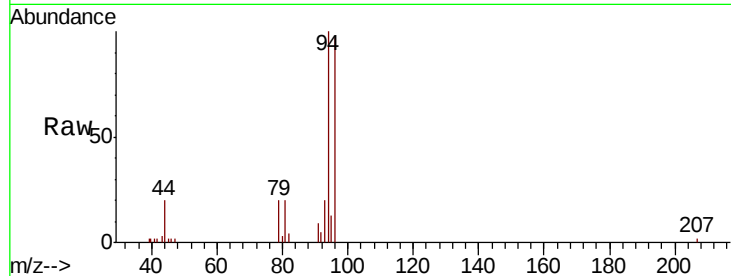
ClientSampleId :

Tot Ion: 94 Resp: 23438

Ion Ratio Lower Upper

94 100

96 97.1 73.2 109.8



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.53

12000

10000

8000

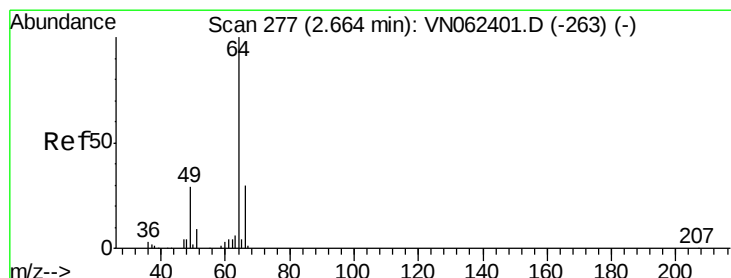
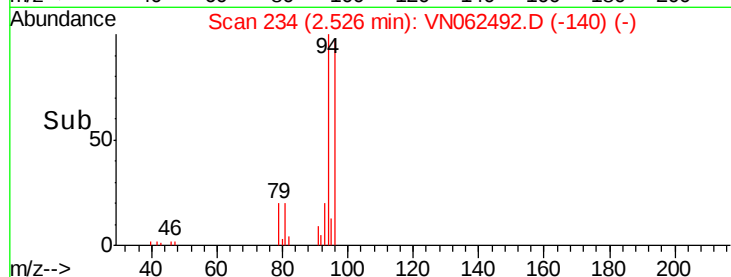
6000

4000

2000

0

Time-->



#6

Chloroethane

Concen: 19.484 ug/l

RT: 2.67 min Scan# 278

Delta R.T. 0.00 min

Lab File: VN062492.D

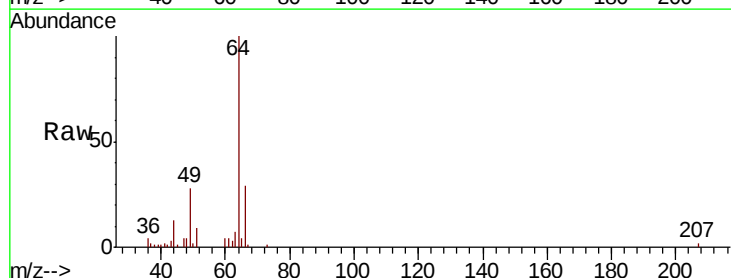
Acq: 10 Jul 2020 14:43

Tgt Ion: 64 Resp: 29773

Ion Ratio Lower Upper

64 100

66 29.4 24.2 36.2



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.67

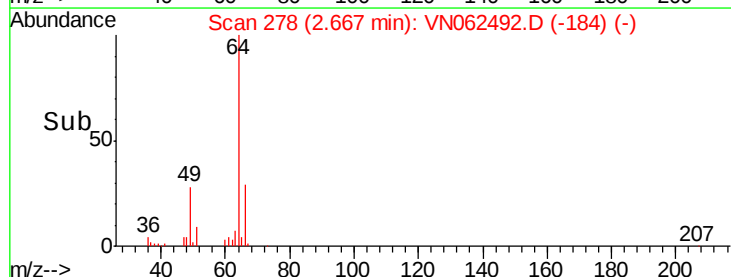
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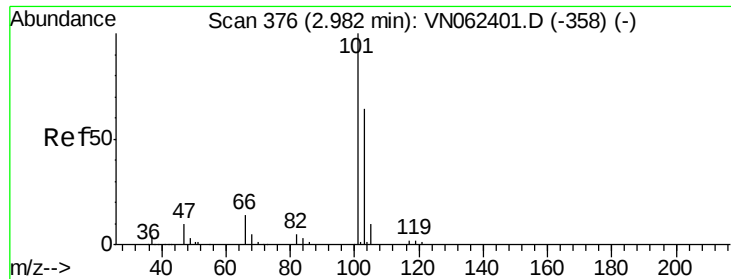
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5000

0

Time-->



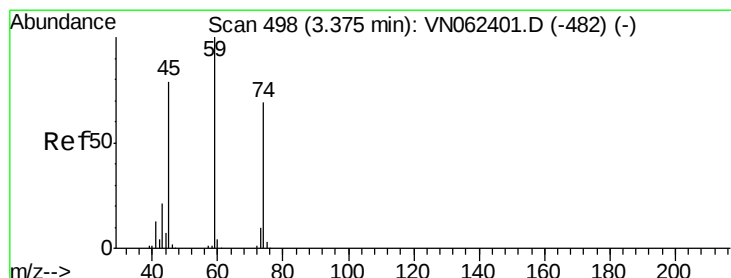
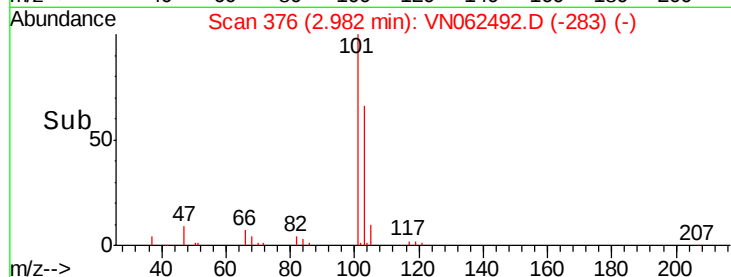
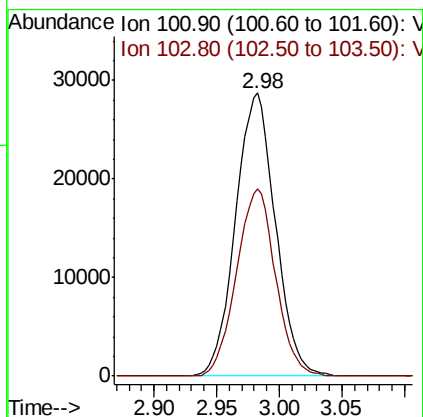
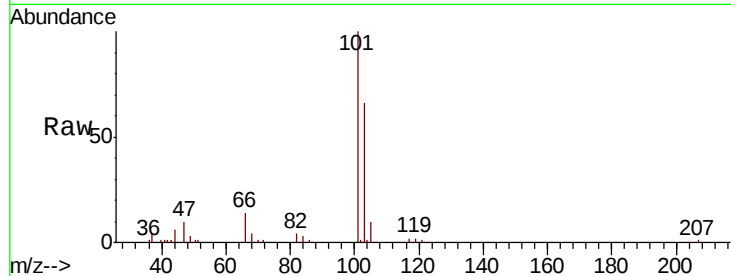


#7

Trichlorofluoromethane
 Concen: 19.021 ug/l
 RT: 2.98 min Scan# 376
 Delta R.T. 0.00 min
 Lab File: VN062492.D
 Acq: 10 Jul 2020 14:43

Instrument :
 MSVOA_N
 ClientSampled :

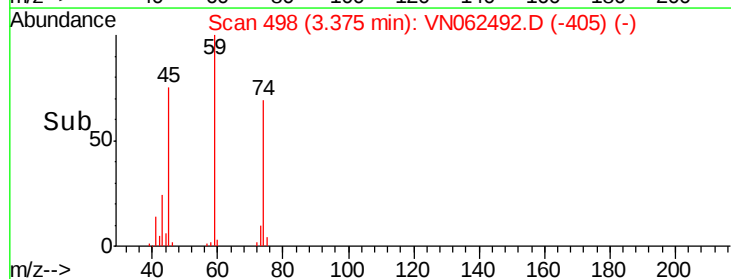
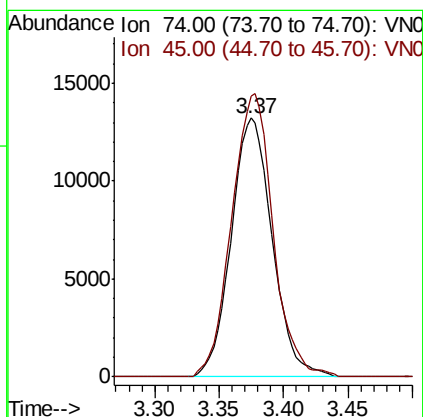
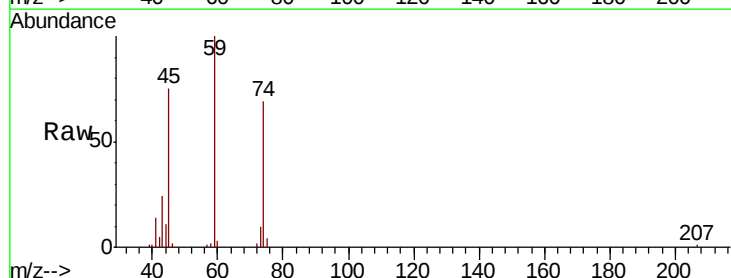
Tot Ion:101 Resp: 63379
 Ion Ratio Lower Upper
 101 100
 103 66.1 51.6 77.4

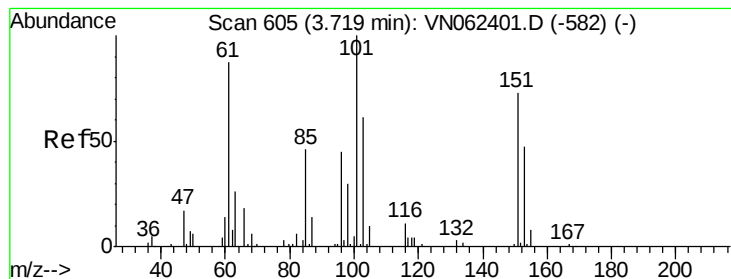


#8

Diethyl Ether
 Concen: 19.632 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN062492.D
 Acq: 10 Jul 2020 14:43

Tgt Ion: 74 Resp: 29250
 Ion Ratio Lower Upper
 74 100
 45 110.3 58.5 175.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.528 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN062492.D

Acq: 10 Jul 2020 14:43

Instrument :

MSVOA_N

ClientSampleId :

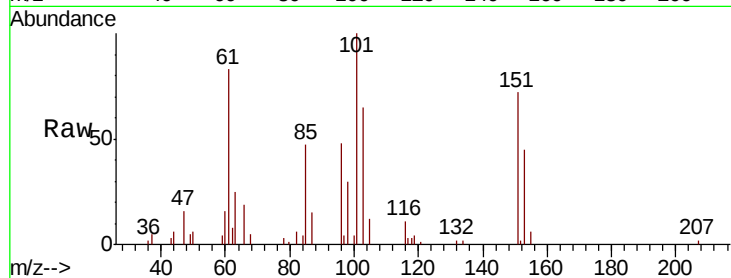
Tot Ion:101 Resp: 38571

Ion Ratio Lower Upper

101 100

85 45.3 36.7 55.1

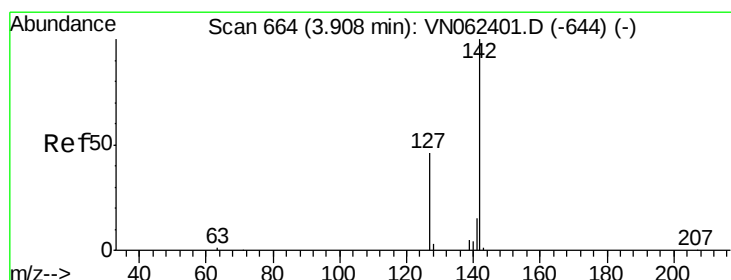
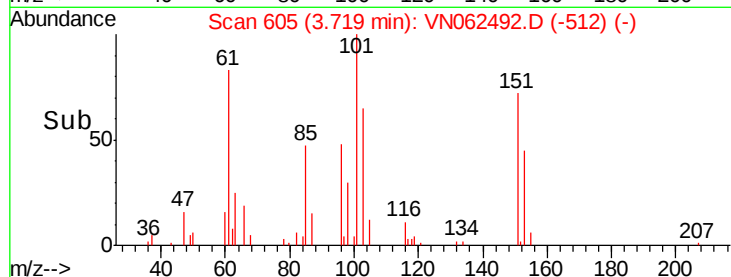
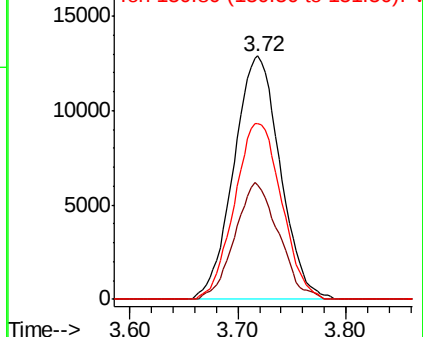
151 73.1 58.3 87.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.074 ug/l

RT: 3.91 min Scan# 664

Delta R.T. 0.00 min

Lab File: VN062492.D

Acq: 10 Jul 2020 14:43

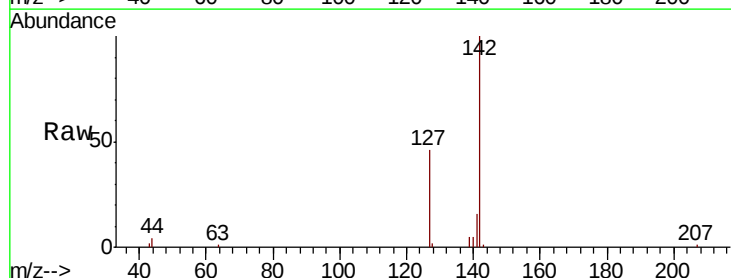
Tgt Ion:142 Resp: 44530

Ion Ratio Lower Upper

142 100

127 45.3 36.1 54.1

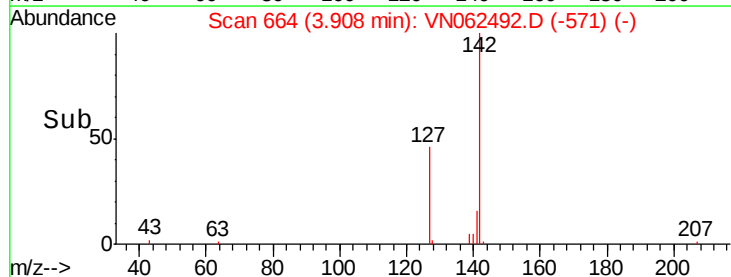
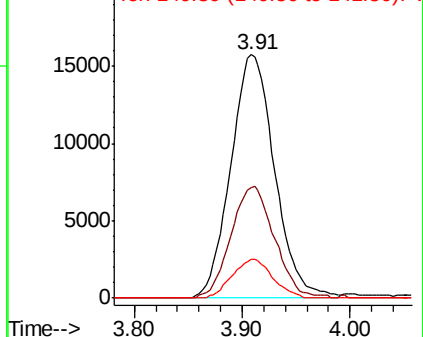
141 14.7 11.4 17.0

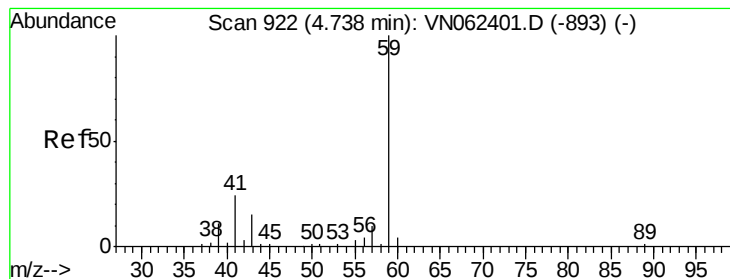


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



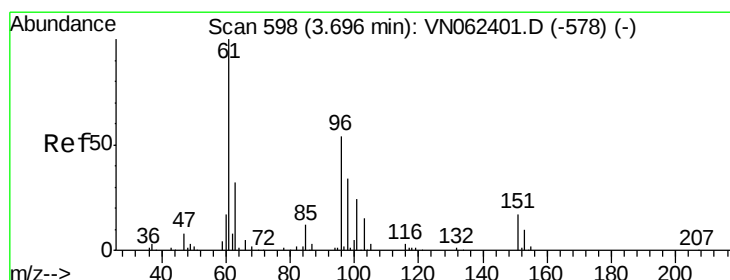
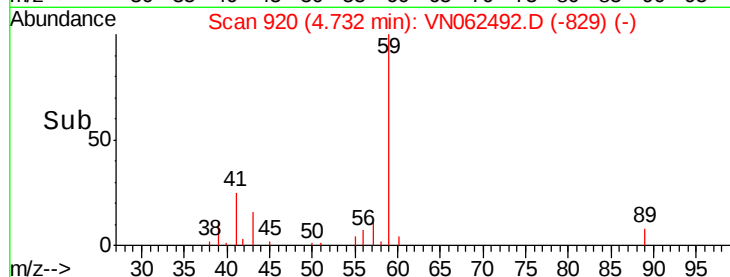
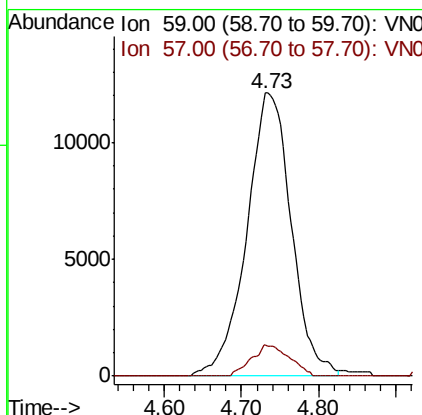
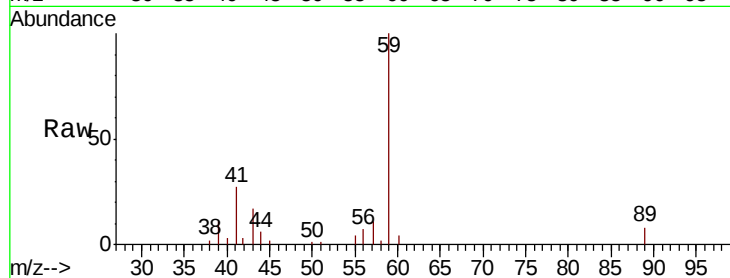


#11

Tert butyl alcohol
 Concen: 97.017 ug/l
 RT: 4.73 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: VN062492.D
 Acq: 10 Jul 2020 14:43

Instrument :
 MSVOA_N
 ClientSampled :

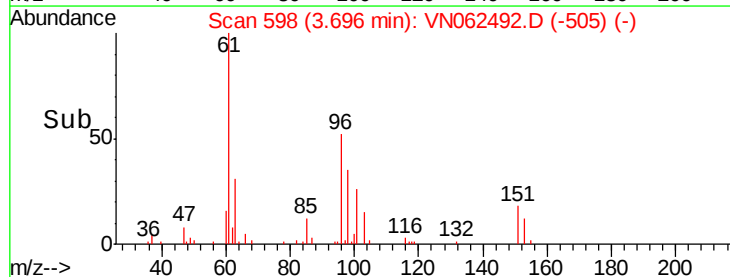
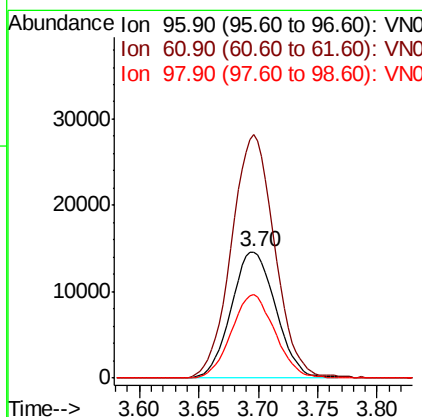
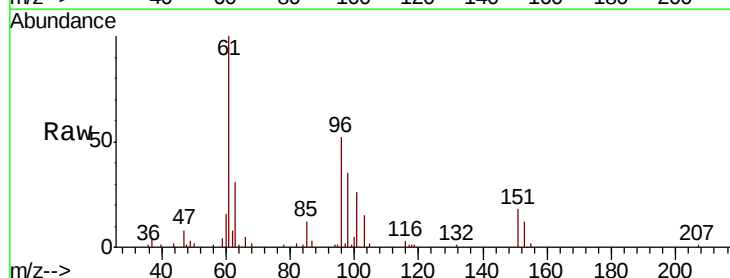
Tot Ion: 59 Resp: 48500
 Ion Ratio Lower Upper
 59 100
 57 9.4 7.8 11.6

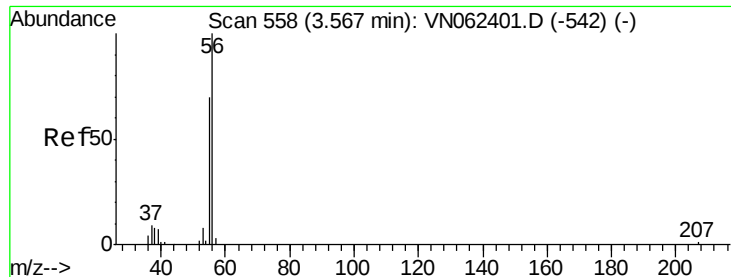


#12

1,1-Dichloroethene
 Concen: 18.863 ug/l
 RT: 3.70 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: VN062492.D
 Acq: 10 Jul 2020 14:43

Tgt Ion: 96 Resp: 37934
 Ion Ratio Lower Upper
 96 100
 61 192.7 147.4 221.0
 98 66.5 50.4 75.6





#13

Acrolein

Concen: 91.835 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062492.D

Acq: 10 Jul 2020 14:43

Instrument :

MSVOA_N

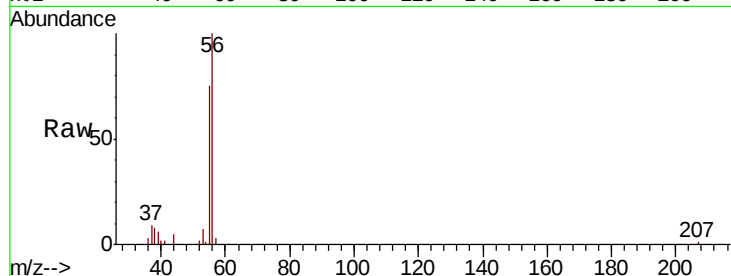
ClientSampled :

Tot Ion: 56 Resp: 33118

Ion Ratio Lower Upper

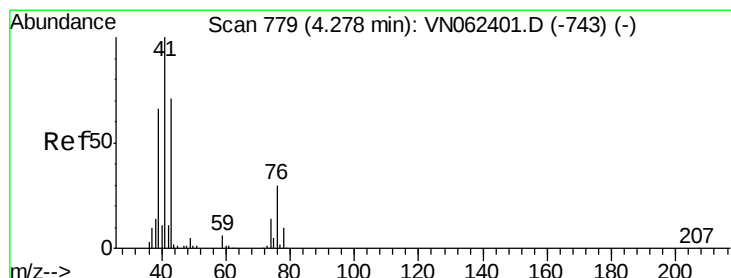
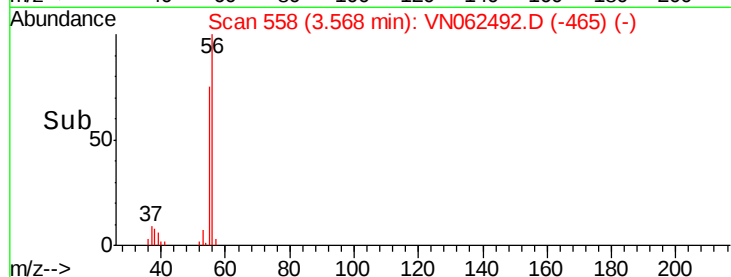
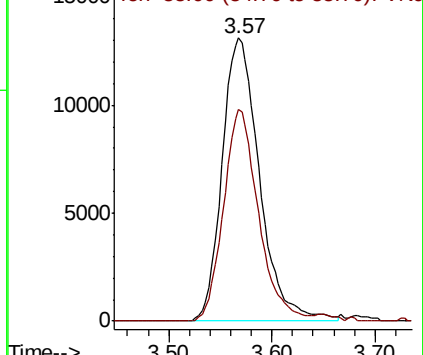
56 100

55 69.8 57.2 85.8



Abundance Ion 56.00 (55.70 to 56.70): VN062401.D (-542) (-)

Ion 55.00 (54.70 to 55.70): VN062492.D (-686) (-)



#14

Allyl chloride

Concen: 18.133 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN062492.D

Acq: 10 Jul 2020 14:43

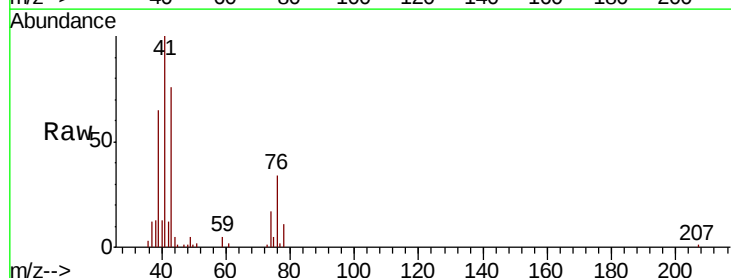
Tgt Ion: 41 Resp: 85761

Ion Ratio Lower Upper

41 100

39 60.7 49.6 74.4

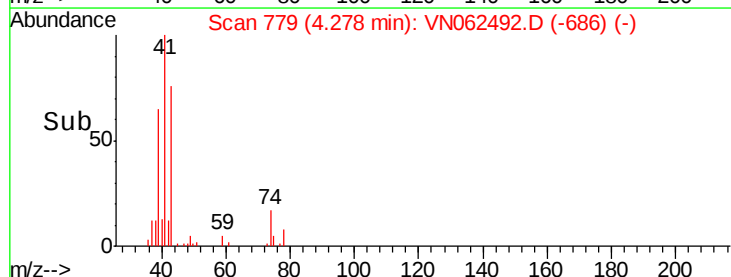
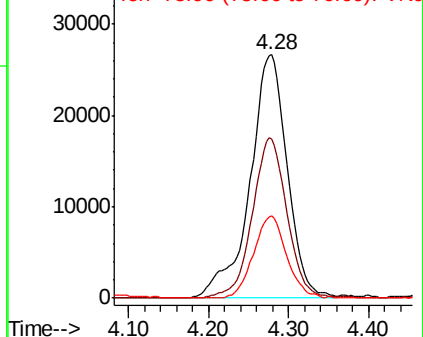
76 29.7 22.2 33.4



Abundance Ion 41.00 (40.70 to 41.70): VN062401.D (-743) (-)

Ion 39.00 (38.70 to 39.70): VN062492.D (-686) (-)

Ion 75.90 (75.60 to 76.60): VN062492.D (-686) (-)





#15

Acrylonitrile

Concen: 100.571 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN062492.D

Acq: 10 Jul 2020 14:43

Instrument :
MSVOA_N
ClientSampled :

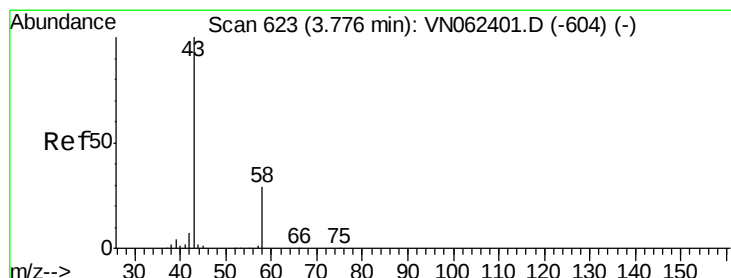
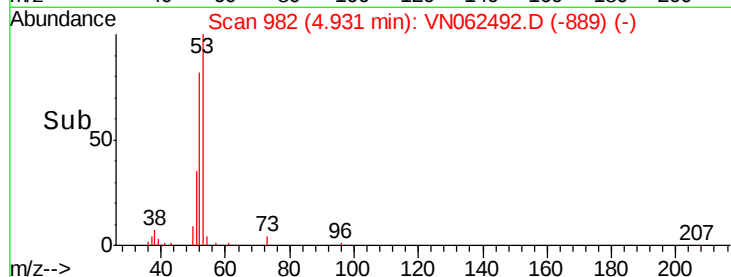
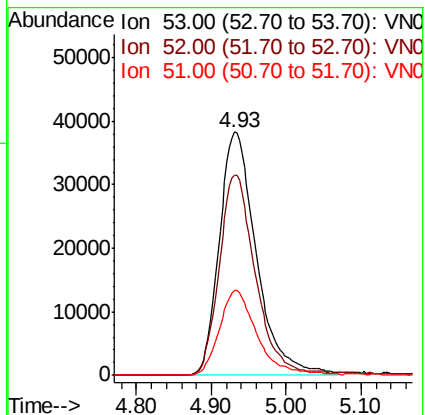
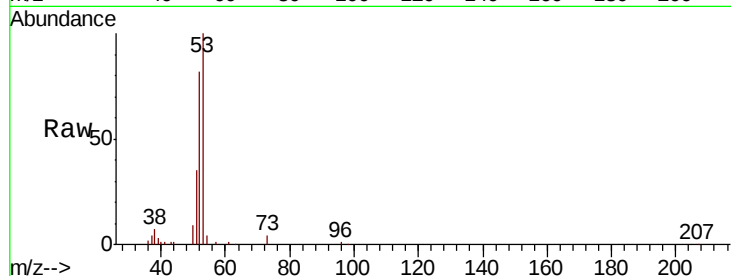
Tot Ion: 53 Resp: 131858

Ion Ratio Lower Upper

53 100

52 80.3 66.2 99.4

51 35.6 28.7 43.1



#16

Acetone

Concen: 80.361 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN062492.D

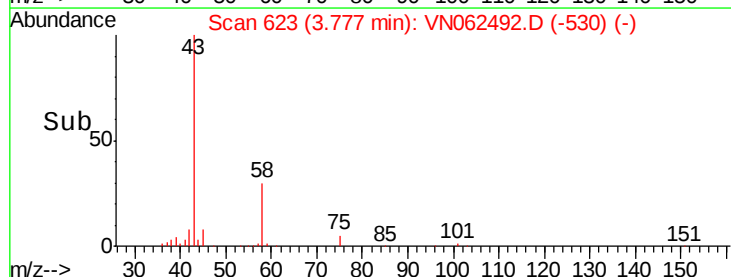
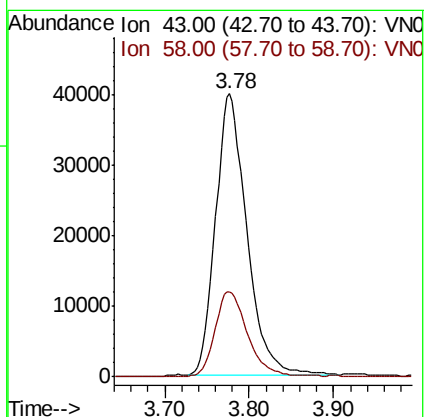
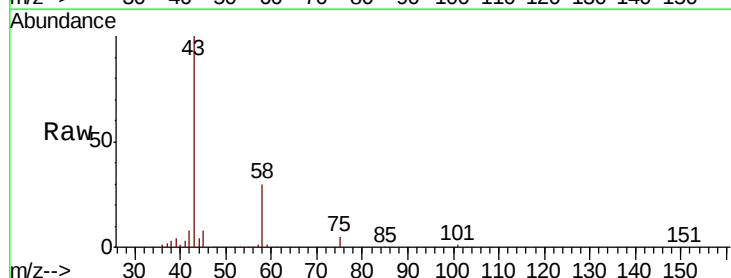
Acq: 10 Jul 2020 14:43

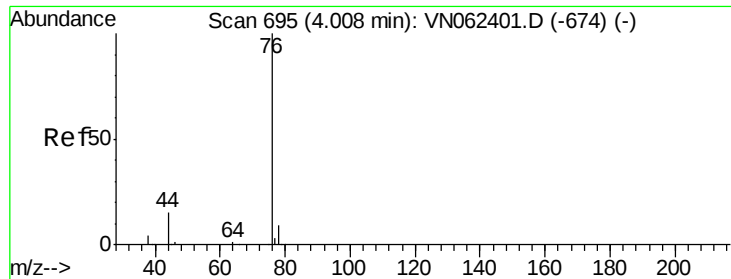
Tgt Ion: 43 Resp: 102818

Ion Ratio Lower Upper

43 100

58 30.2 23.5 35.3

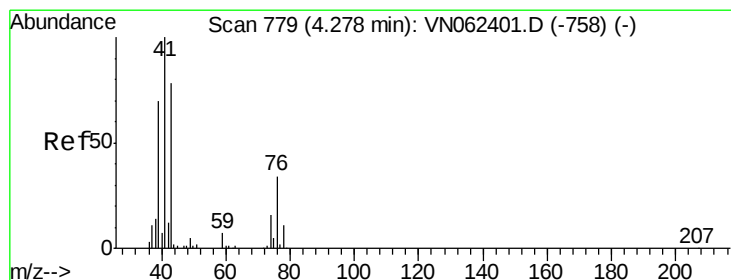
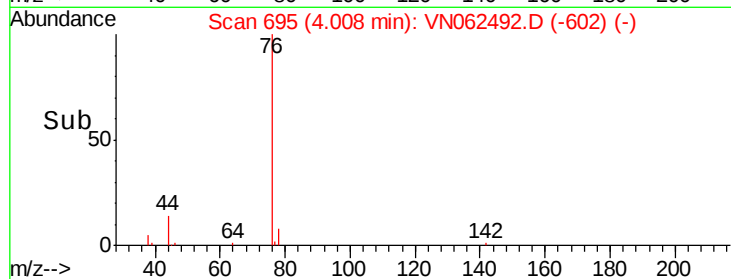
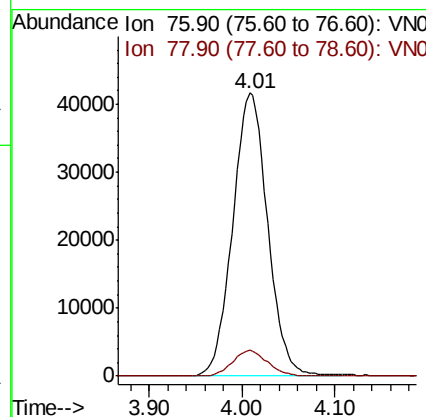
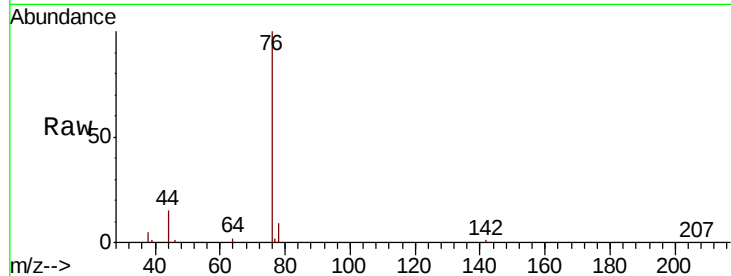




#17
Carbon Disulfide
Concen: 17.270 ug/l
RT: 4.01 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN062492.D
Acq: 10 Jul 2020 14:43

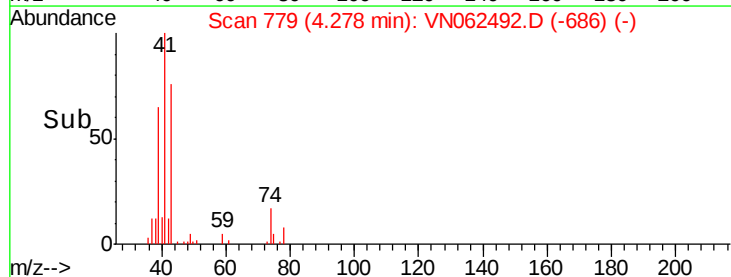
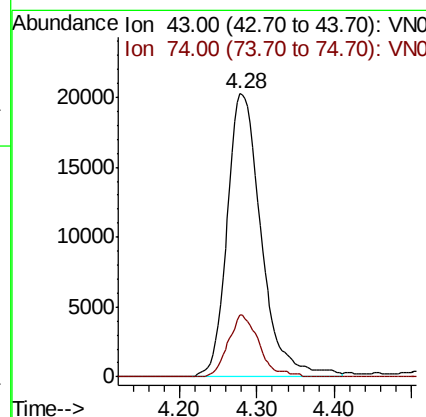
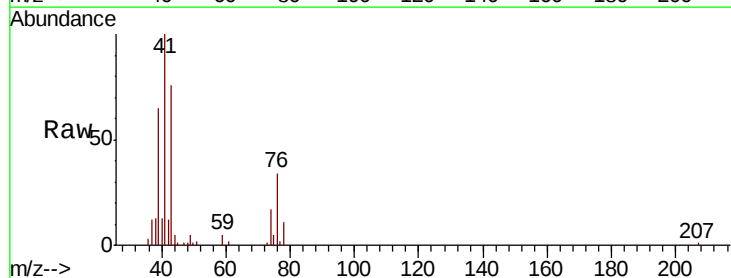
Instrument :
MSVOA_N
ClientSampleId :

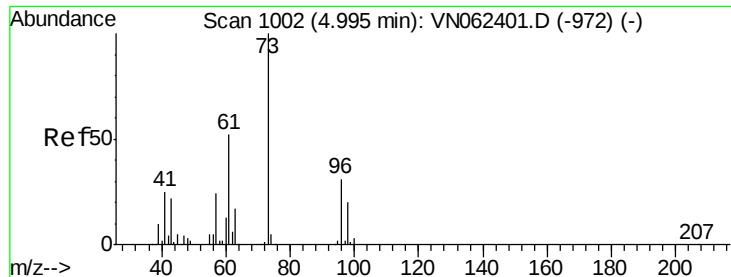
Tot Ion: 76 Resp: 108830
Ion Ratio Lower Upper
76 100
78 9.2 7.3 10.9



#18
Methyl Acetate
Concen: 19.445 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN062492.D
Acq: 10 Jul 2020 14:43

Tgt Ion: 43 Resp: 62088
Ion Ratio Lower Upper
43 100
74 19.8 16.0 24.0



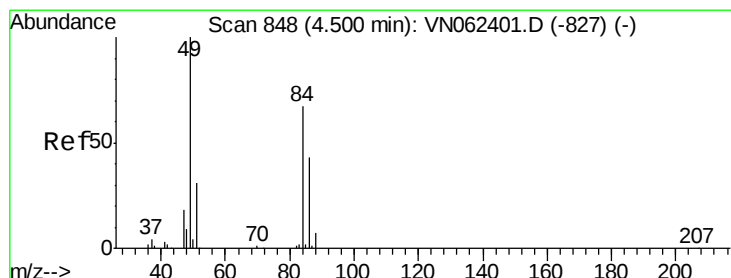
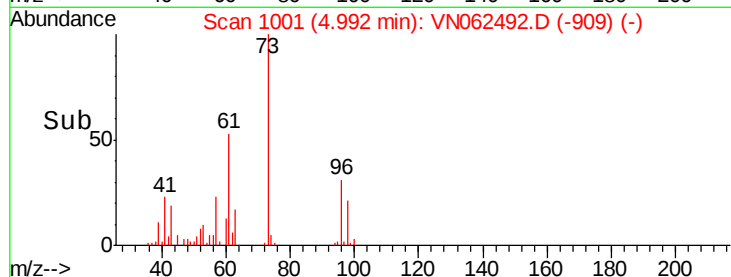
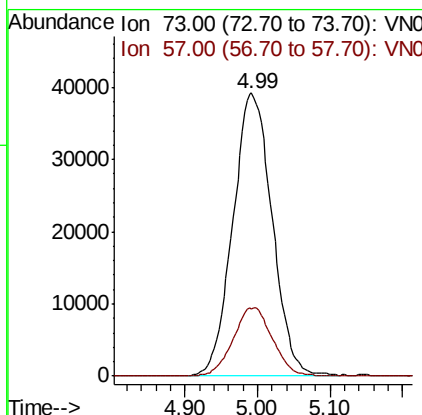
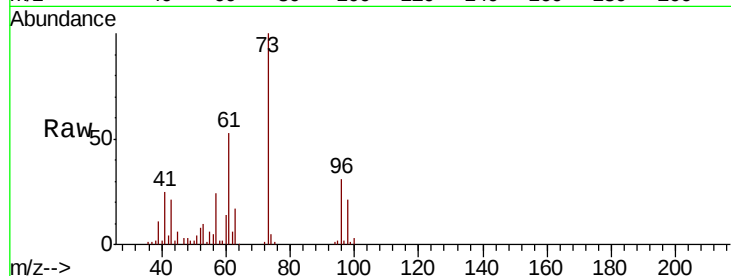


#19

Methyl tert-butyl Ether
 Concen: 19.366 ug/l
 RT: 4.99 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VN062492.D
 Acq: 10 Jul 2020 14:43

Instrument :
 MSVOA_N
 ClientSampled :

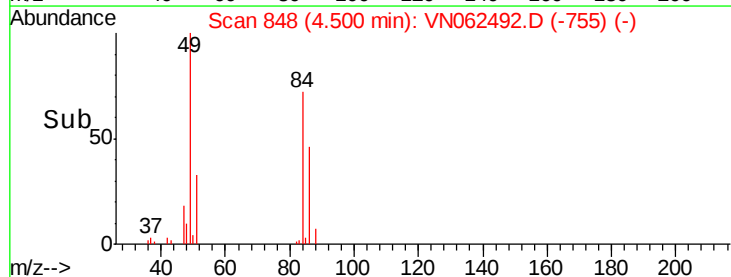
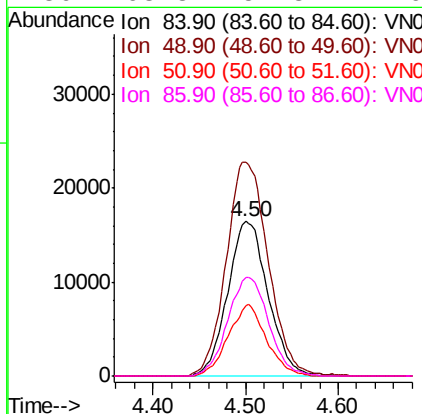
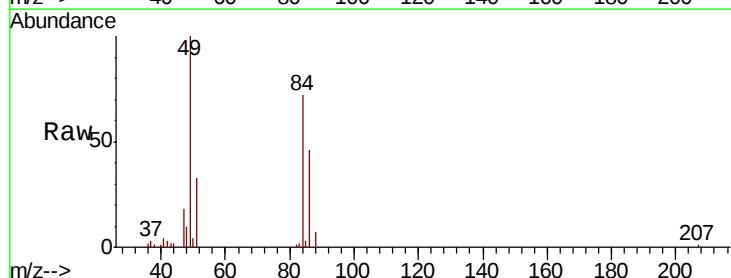
Tot Ion: 73 Resp: 147654
 Ion Ratio Lower Upper
 73 100
 57 23.9 19.4 29.0

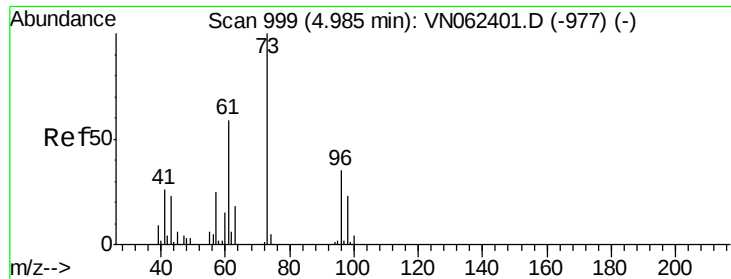


#20

Methylene Chloride
 Concen: 18.215 ug/l
 RT: 4.50 min Scan# 848
 Delta R.T. 0.00 min
 Lab File: VN062492.D
 Acq: 10 Jul 2020 14:43

Tgt Ion: 84 Resp: 49829
 Ion Ratio Lower Upper
 84 100
 49 138.3 120.0 180.0
 51 45.3 37.0 55.6
 86 63.8 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 19.282 ug/l

RT: 4.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: VN062492.D

Acq: 10 Jul 2020 14:43

Instrument :

MSVOA_N

ClientSampleId :

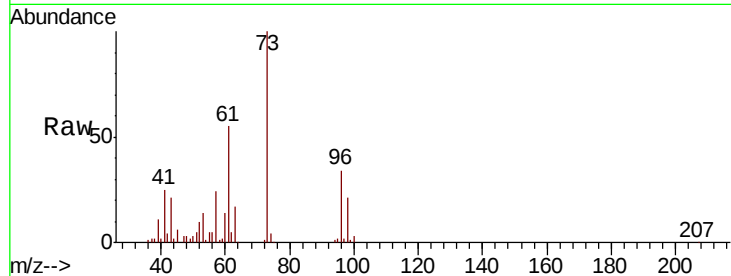
Tot Ion: 96 Resp: 42009

Ion Ratio Lower Upper

96 100

61 161.5 133.5 200.3

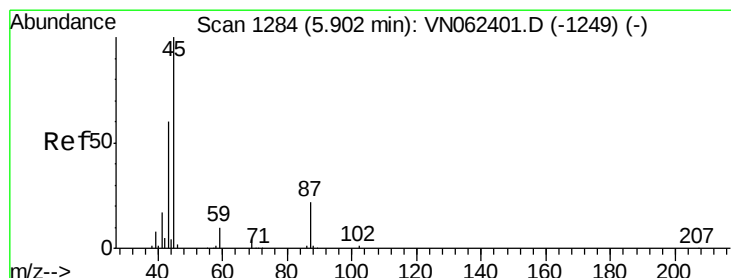
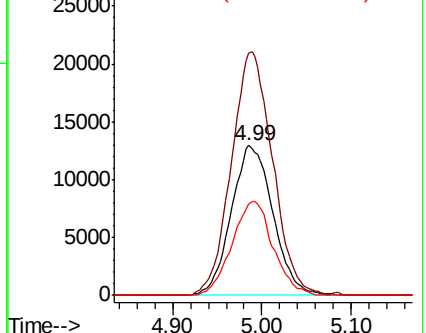
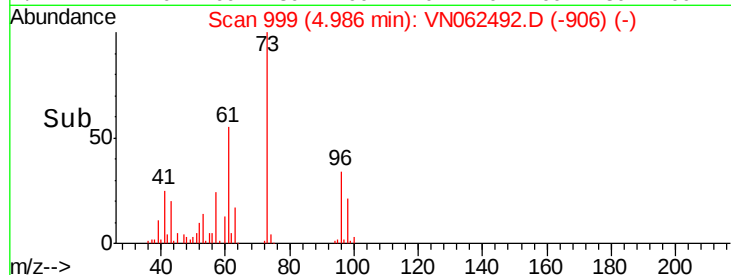
98 60.5 51.9 77.9



Abundance Ion 95.90 (95.60 to 96.60): VN062492.D (-906) (-)

Ion 60.90 (60.60 to 61.60): VN062492.D (-906) (-)

Ion 97.90 (97.60 to 98.60): VN062492.D (-906) (-)



#22

Diisopropyl ether

Concen: 19.457 ug/l

RT: 5.91 min Scan# 1285

Delta R.T. 0.00 min

Lab File: VN062492.D

Acq: 10 Jul 2020 14:43

Tgt Ion: 45 Resp: 181809

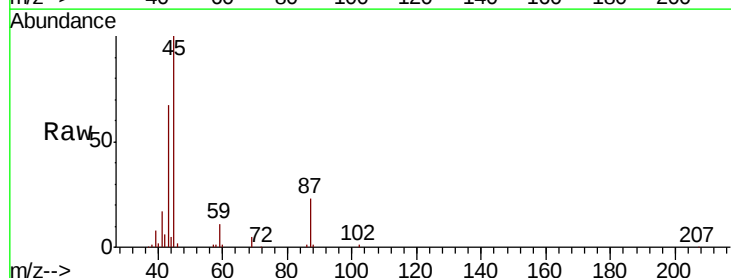
Ion Ratio Lower Upper

45 100

43 64.7 50.1 75.1

87 23.1 18.2 27.4

59 10.7 8.2 12.2

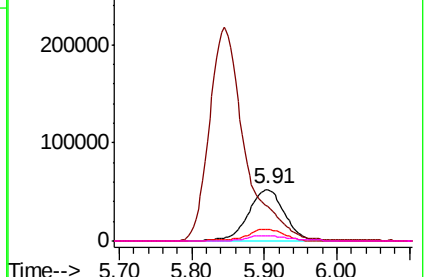
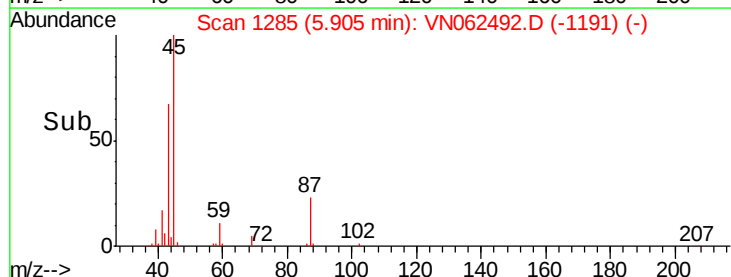


Abundance Ion 45.00 (44.70 to 45.70): VN062492.D (-1191) (-)

Ion 43.00 (42.70 to 43.70): VN062492.D (-1191) (-)

Ion 87.00 (86.70 to 87.70): VN062492.D (-1191) (-)

Ion 59.00 (58.70 to 59.70): VN062492.D (-1191) (-)





#23

Vinyl Acetate

Concen: 95.858 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VN062492.D

Acq: 10 Jul 2020 14:43

Instrument :

MSVOA_N

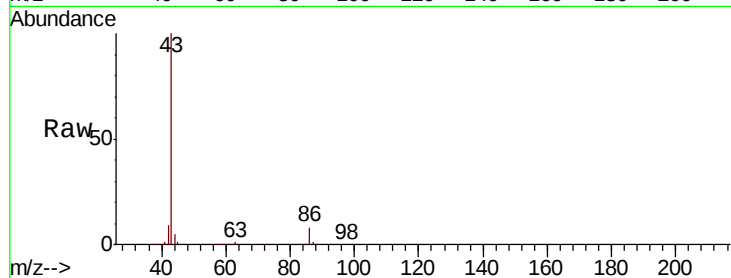
ClientSampleId :

Tot Ion: 43 Resp: 742003

Ion Ratio Lower Upper

43 100

86 8.5 6.7 10.1



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

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

5.84

250000

200000

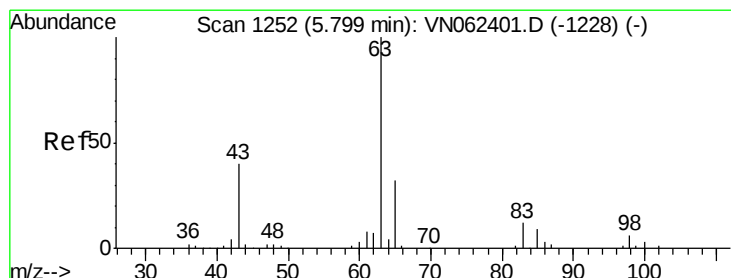
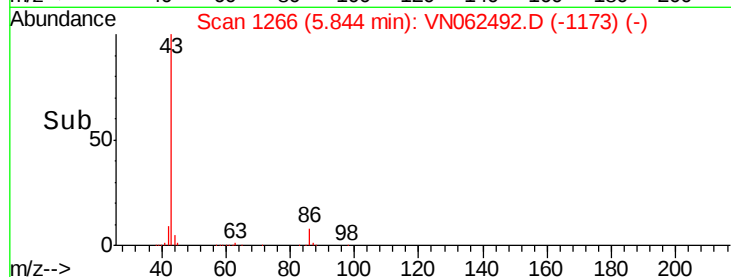
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 19.219 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062492.D

Acq: 10 Jul 2020 14:43

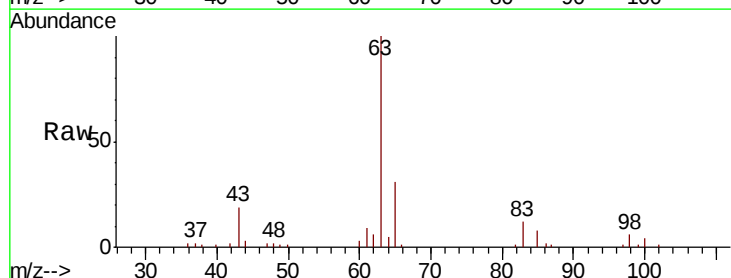
Tgt Ion: 63 Resp: 92800

Ion Ratio Lower Upper

63 100

98 5.7 2.9 8.8

100 3.6 1.8 5.3



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

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

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

5.80

40000

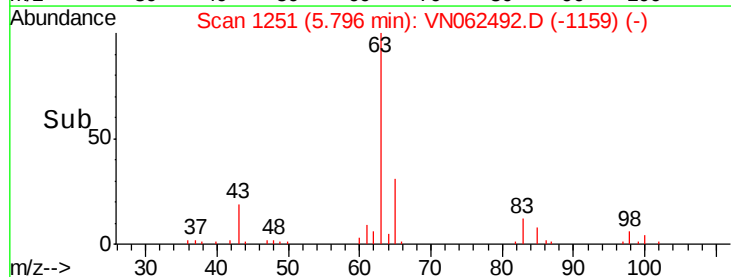
30000

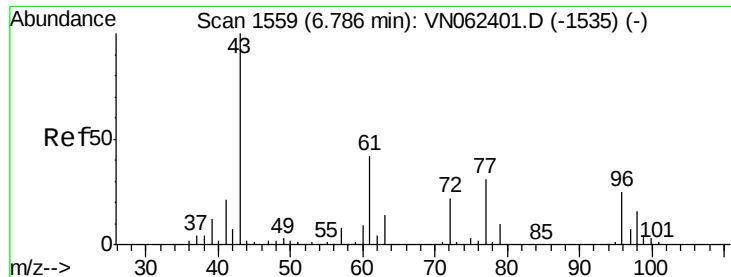
20000

10000

0

Time-->





#25

2-Butanone

Concen: 93.490 ug/l

RT: 6.79 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VN062492.D

Acq: 10 Jul 2020 14:43

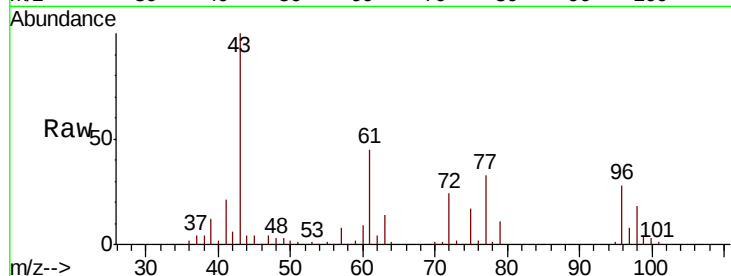
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 174693

Ion Ratio Lower Upper

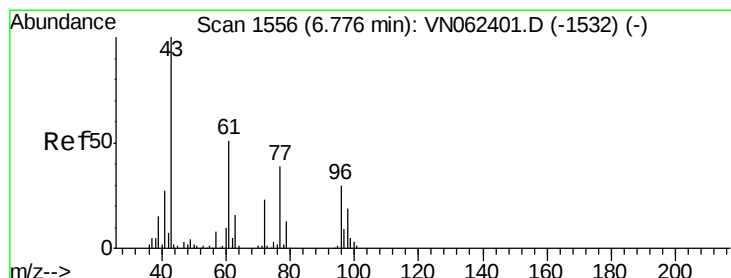
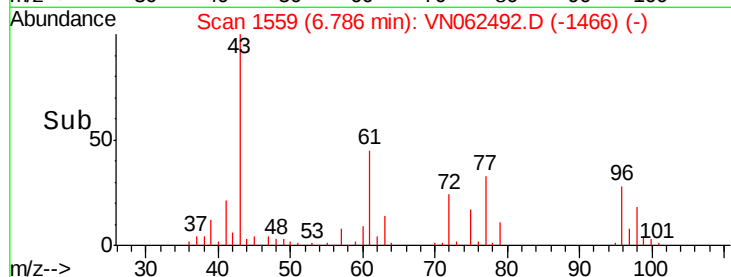
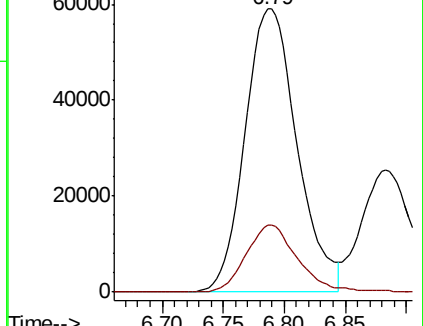
43 100

72 23.8 17.9 26.9



Abundance Ion 43.00 (42.70 to 43.70): VN062401.D (-1535) (-)

Ion 72.00 (71.70 to 72.70): VN062401.D (-1535) (-)



#26

2,2-Dichloropropane

Concen: 18.577 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. 0.00 min

Lab File: VN062492.D

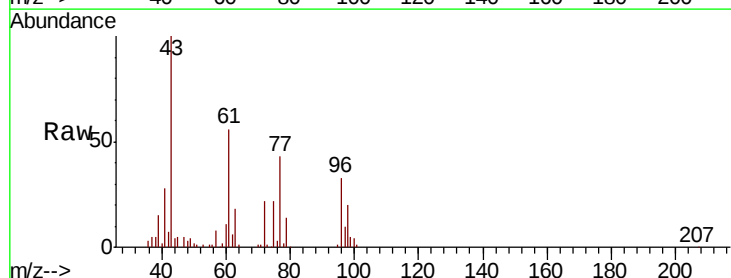
Acq: 10 Jul 2020 14:43

Tgt Ion: 77 Resp: 68779

Ion Ratio Lower Upper

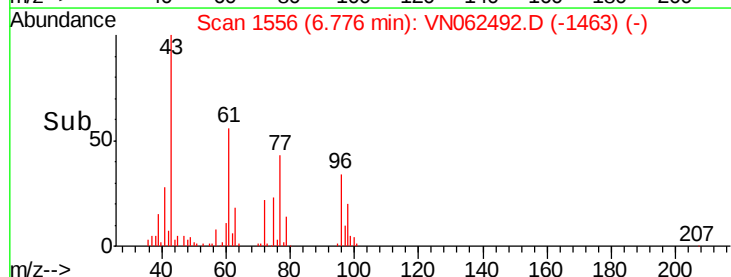
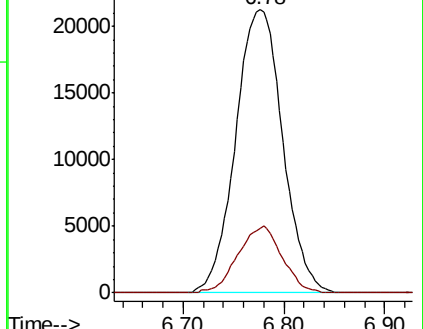
77 100

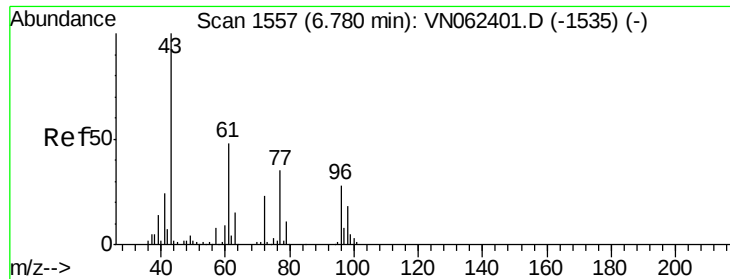
97 22.1 10.9 32.9



Abundance Ion 76.90 (76.60 to 77.60): VN062401.D (-1532) (-)

Ion 96.90 (96.60 to 97.60): VN062401.D (-1532) (-)

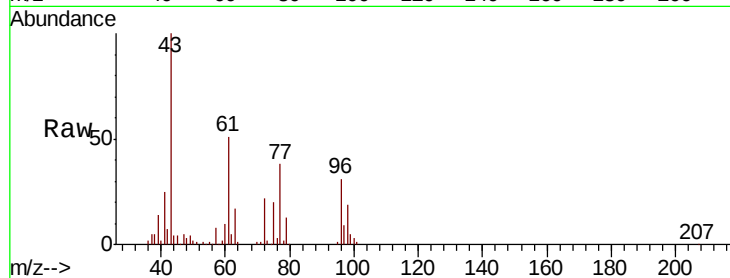




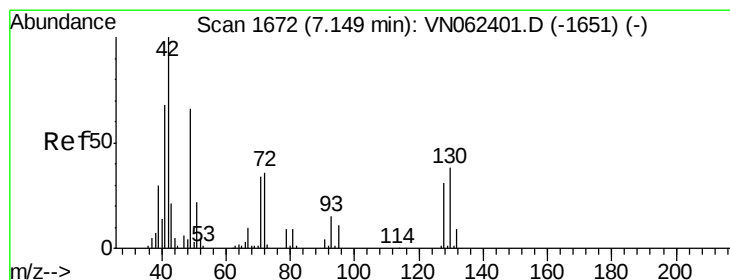
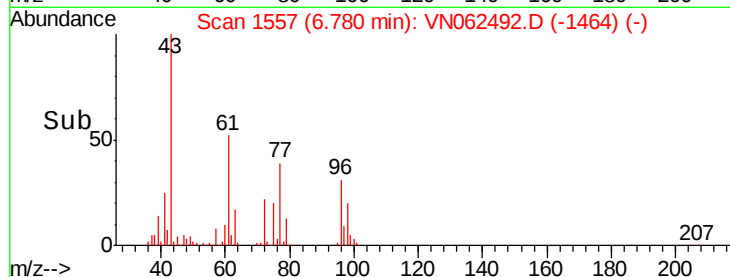
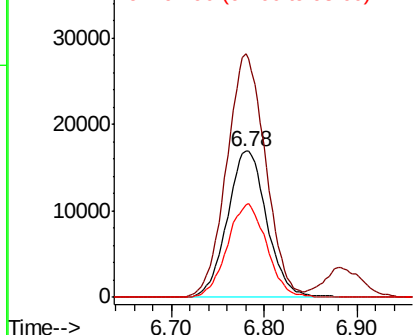
#27
 cis-1,2-Dichloroethene
 Concen: 19.801 ug/l
 RT: 6.78 min Scan# 1557
 Delta R.T. 0.00 min
 Lab File: VN062492.D
 Acq: 10 Jul 2020 14:43

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	164.2	0.0	343.4
98	63.2	0.0	128.4

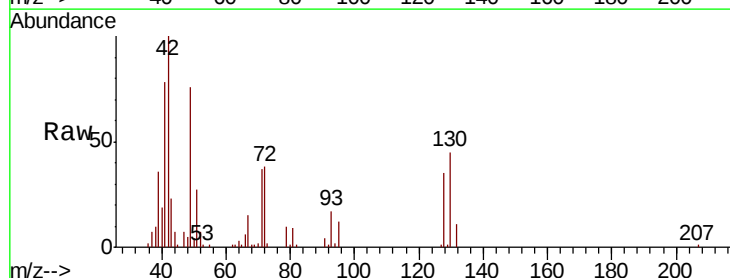


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

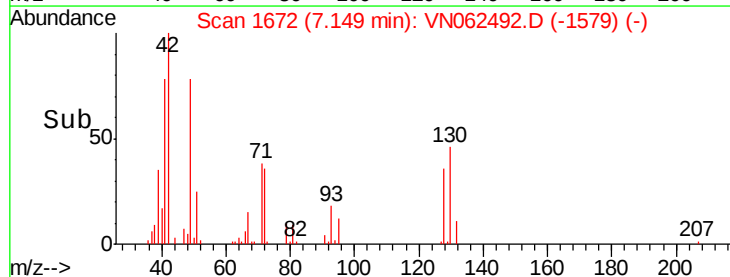
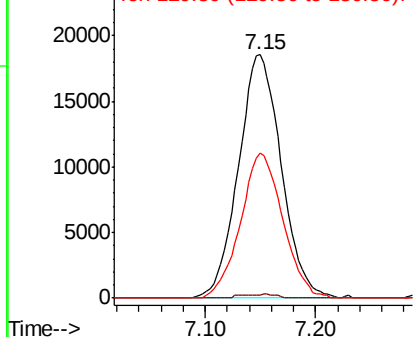


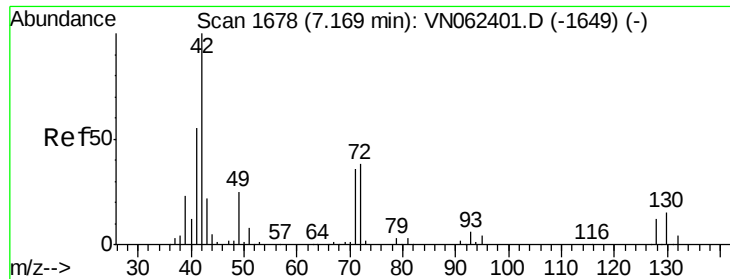
#28
 Bromochloromethane
 Concen: 19.024 ug/l
 RT: 7.15 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: VN062492.D
 Acq: 10 Jul 2020 14:43

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	2.8
130	58.8	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

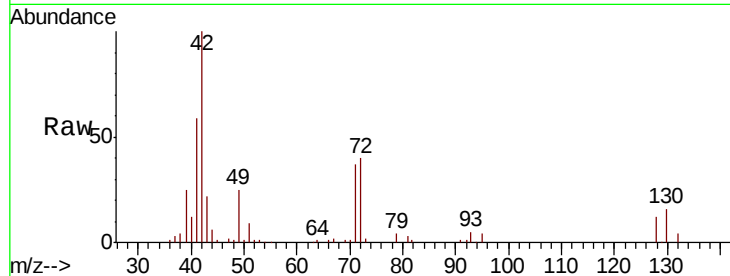




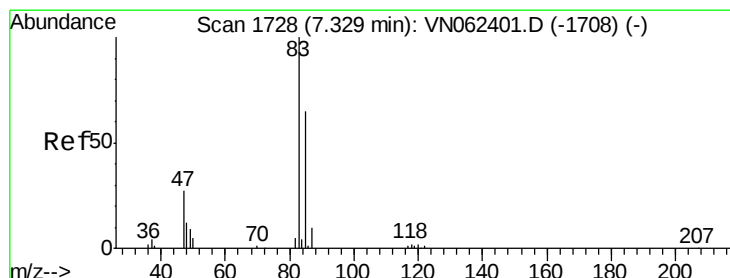
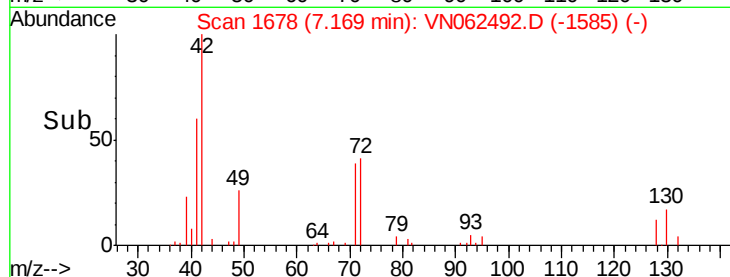
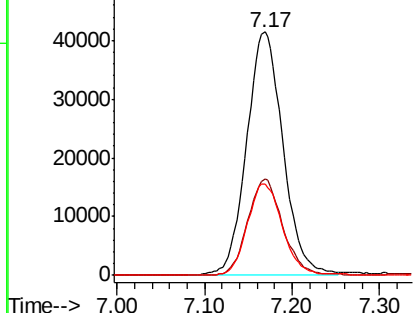
#29
Tetrahydrofuran
Concen: 95.253 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.00 min
Lab File: VN062492.D
Acq: 10 Jul 2020 14:43

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 42 Resp: 119830
Ion Ratio Lower Upper
42 100
72 38.0 29.1 43.7
71 36.5 28.1 42.1

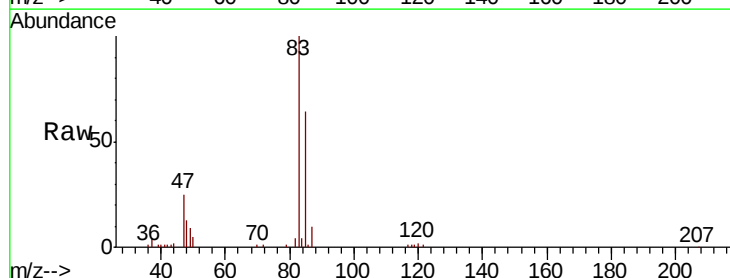


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

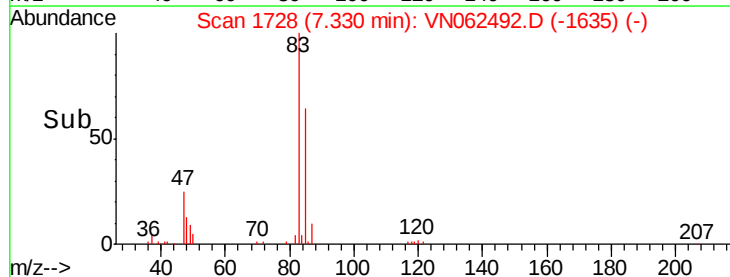
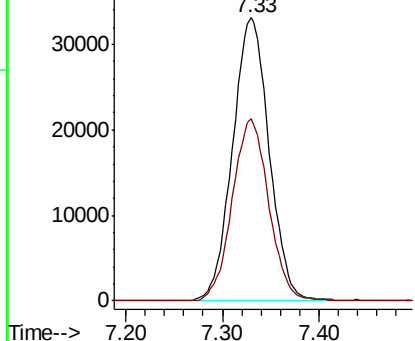


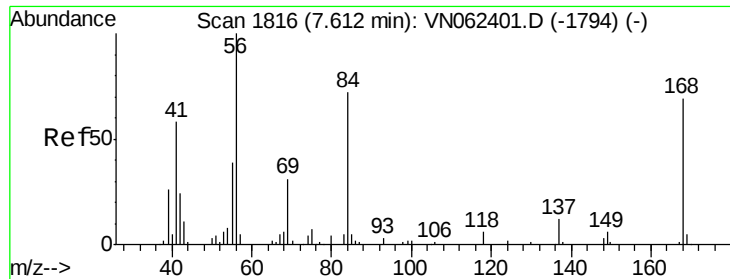
#30
Chloroform
Concen: 19.927 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. 0.00 min
Lab File: VN062492.D
Acq: 10 Jul 2020 14:43

Tgt Ion: 83 Resp: 86877
Ion Ratio Lower Upper
83 100
85 64.2 51.8 77.6



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

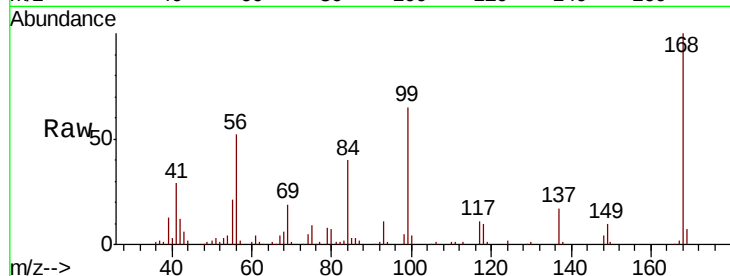




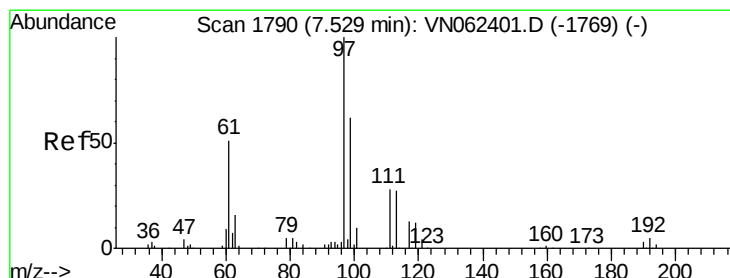
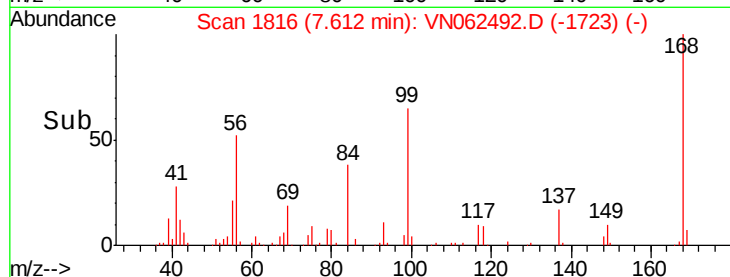
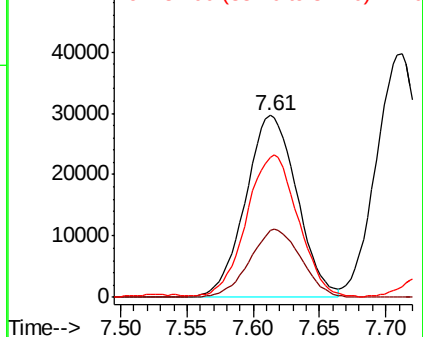
#31
Cyclohexane
Concen: 17.558 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. 0.00 min
Lab File: VN062492.D
Acq: 10 Jul 2020 14:43

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 80374
Ion Ratio Lower Upper
56 100
69 36.5 24.5 36.7
84 75.6 57.4 86.2

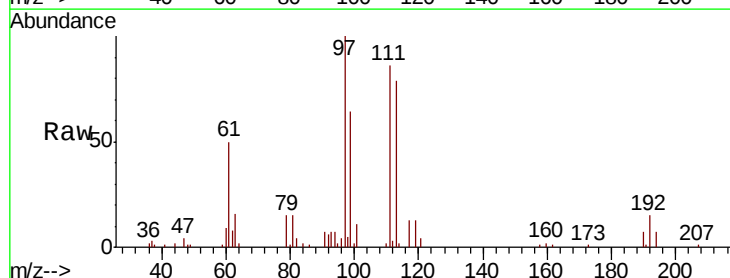


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

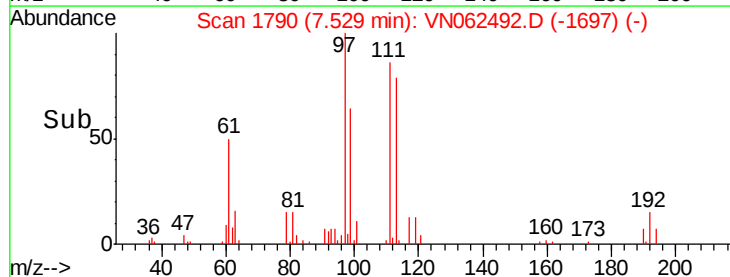
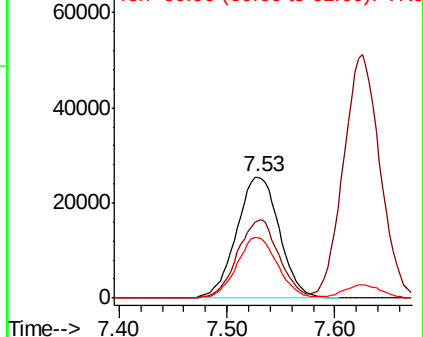


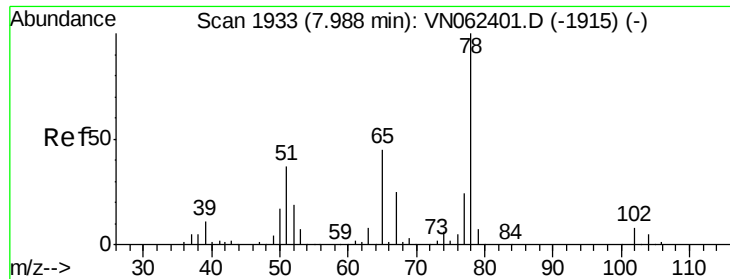
#32
1,1,1-Trichloroethane
Concen: 19.412 ug/l
RT: 7.53 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VN062492.D
Acq: 10 Jul 2020 14:43

Tgt Ion: 97 Resp: 70397
Ion Ratio Lower Upper
97 100
99 62.1 50.4 75.6
61 47.7 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

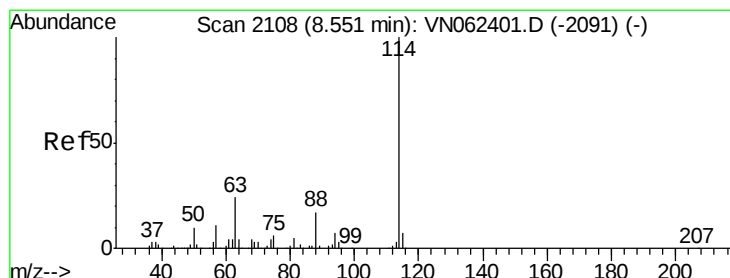
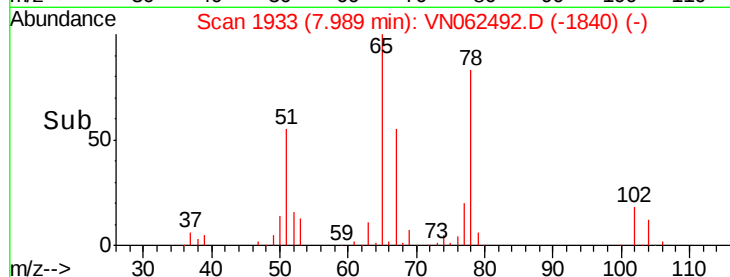
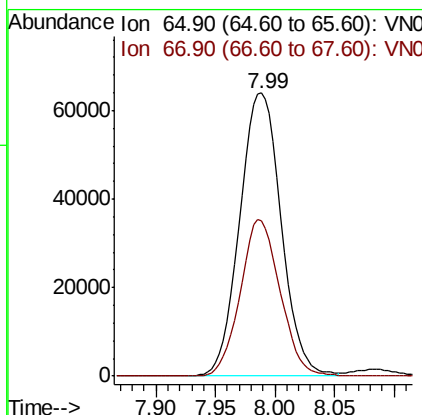
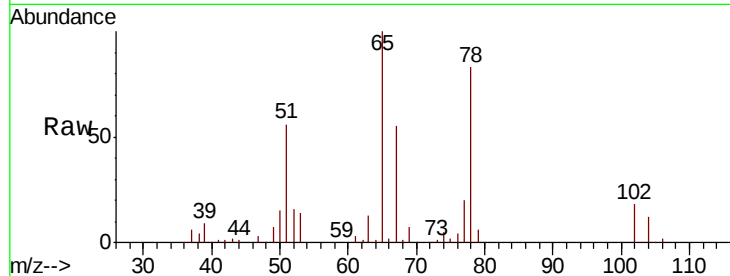




#33
 1,2-Dichloroethane-d4
 Concen: 51.271 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN062492.D
 Acq: 10 Jul 2020 14:43

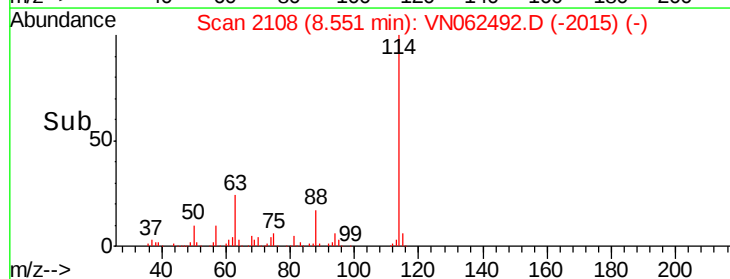
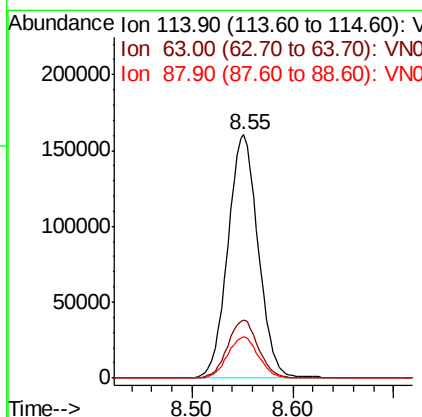
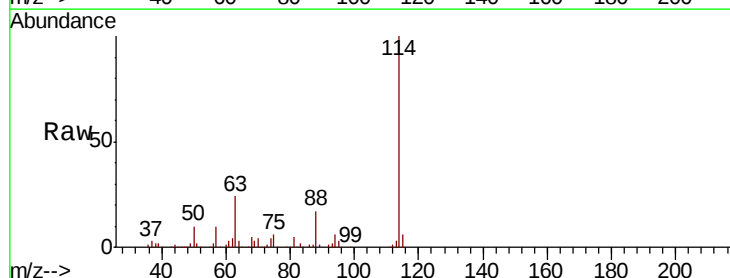
Instrument :
 MSVOA_N
 ClientSampleId :

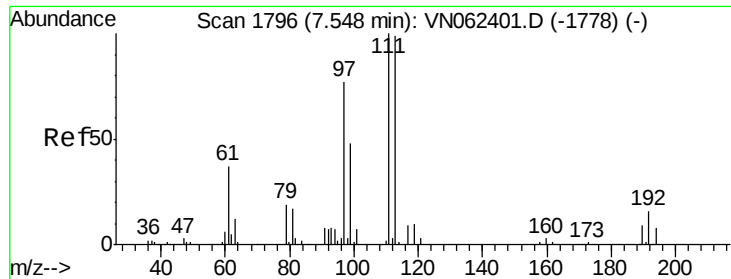
Tot Ion: 65 Resp: 154512
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN062492.D
 Acq: 10 Jul 2020 14:43

Tgt Ion: 114 Resp: 336130
 Ion Ratio Lower Upper
 114 100
 63 23.9 0.0 48.4
 88 17.1 0.0 33.8

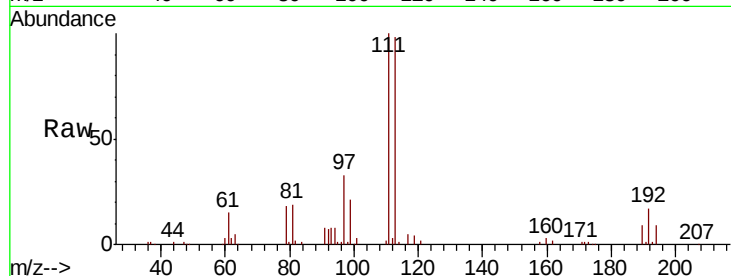




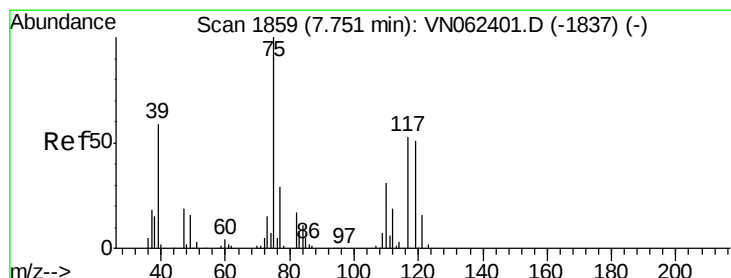
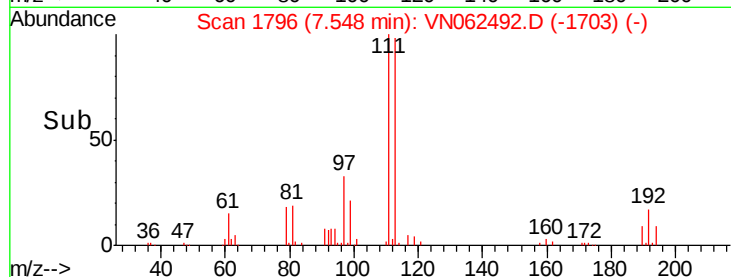
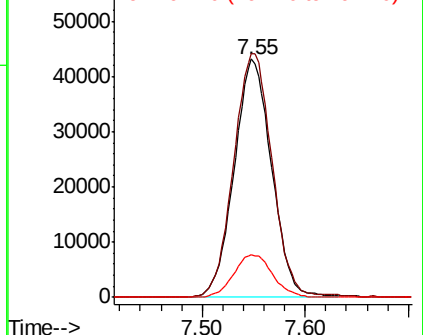
#35
 Dibromofluoromethane
 Concen: 52.403 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN062492.D
 Acq: 10 Jul 2020 14:43

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:113 Resp: 108880
 Ion Ratio Lower Upper
 113 100
 111 104.7 83.1 124.7
 192 18.5 14.1 21.1

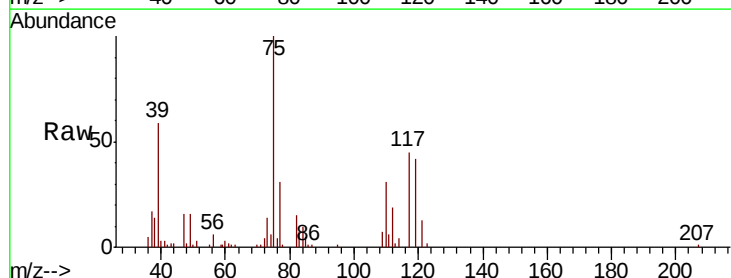


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

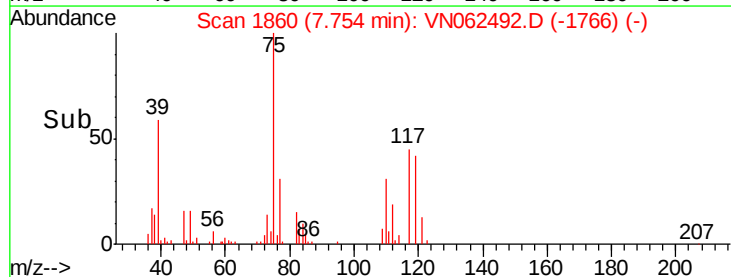
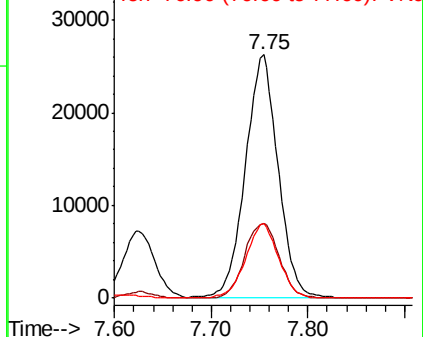


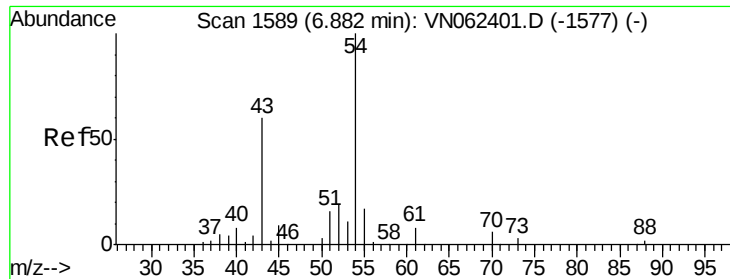
#36
 1,1-Dichloropropene
 Concen: 18.290 ug/l
 RT: 7.75 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VN062492.D
 Acq: 10 Jul 2020 14:43

Tgt Ion: 75 Resp: 61937
 Ion Ratio Lower Upper
 75 100
 110 32.2 15.4 46.2
 77 30.7 24.1 36.1



Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VN0

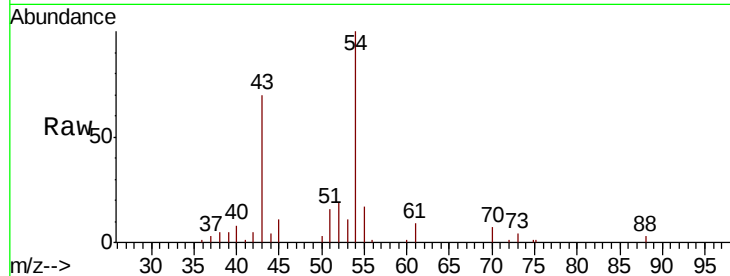




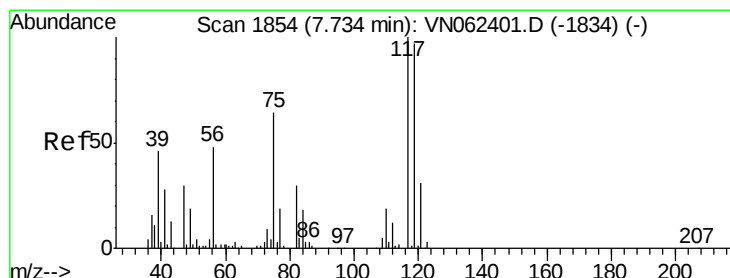
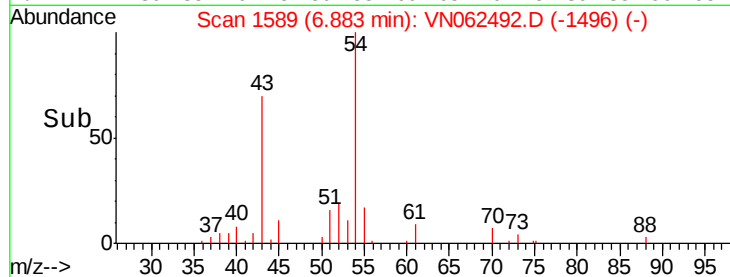
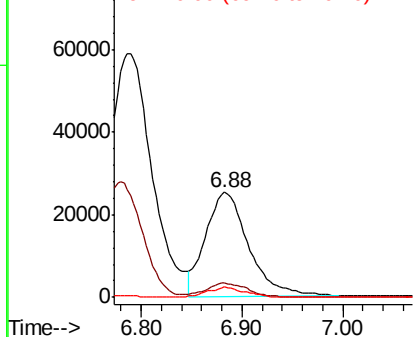
#37
Ethyl Acetate
Concen: 18.865 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. 0.00 min
Lab File: VN062492.D
Acq: 10 Jul 2020 14:43

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 74703
Ion Ratio Lower Upper
43 100
61 13.3 10.7 16.1
70 8.7 7.2 10.8

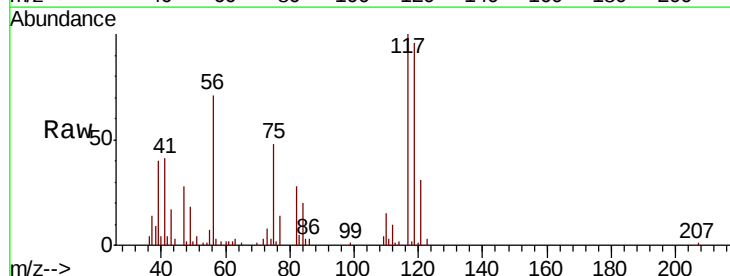


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 70.00 (69.70 to 70.70): VN0

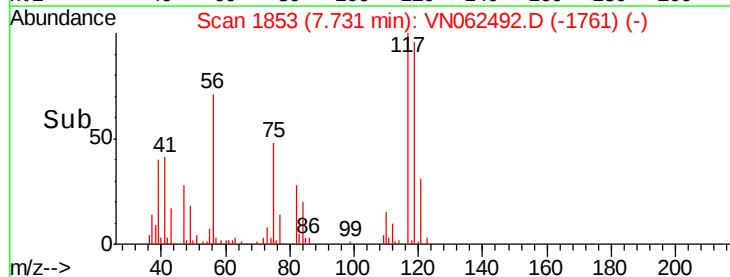
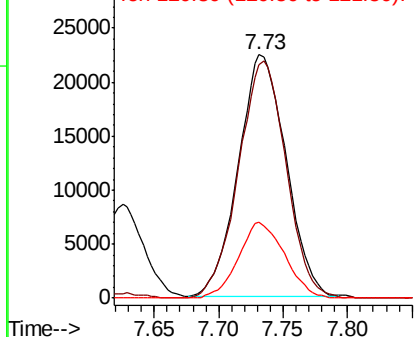


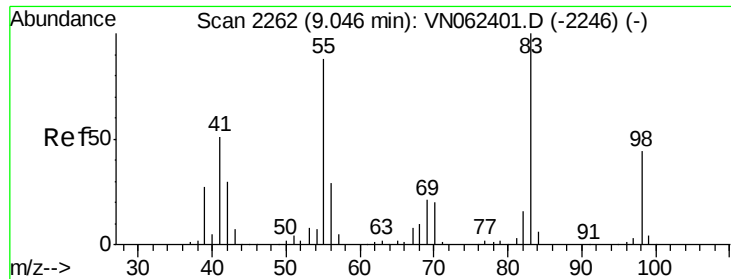
#38
Carbon Tetrachloride
Concen: 18.959 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062492.D
Acq: 10 Jul 2020 14:43

Tgt Ion: 117 Resp: 57723
Ion Ratio Lower Upper
117 100
119 96.4 77.2 115.8
121 31.3 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

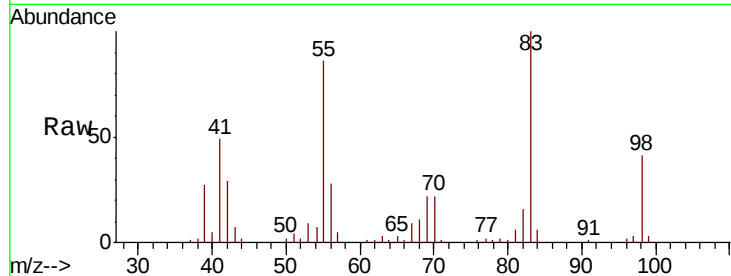




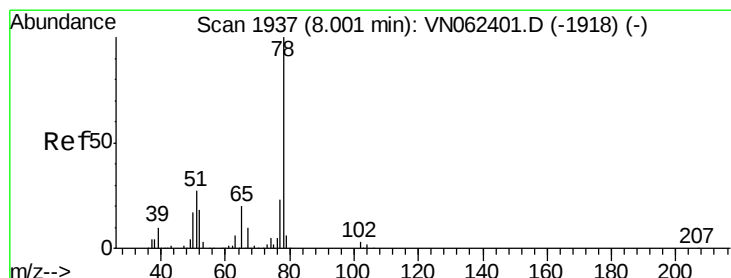
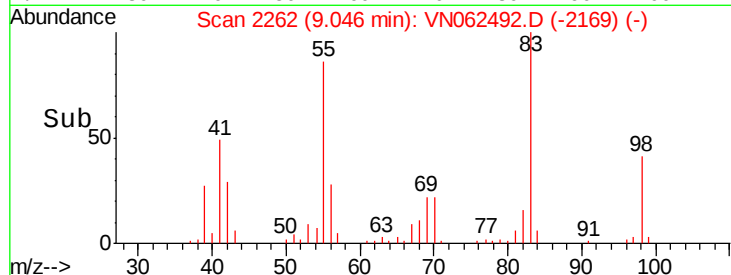
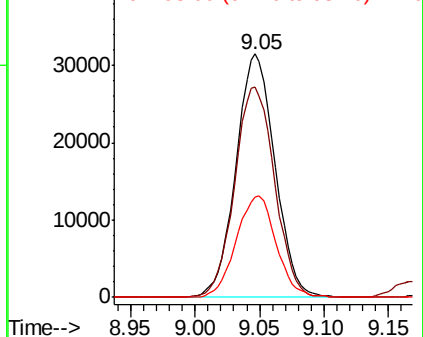
#39
Methvlcvclohexane
Concen: 18.295 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN062492.D
Acq: 10 Jul 2020 14:43

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 83 Resp: 66142
Ion Ratio Lower Upper
83 100
55 86.3 70.5 105.7
98 41.4 35.5 53.3

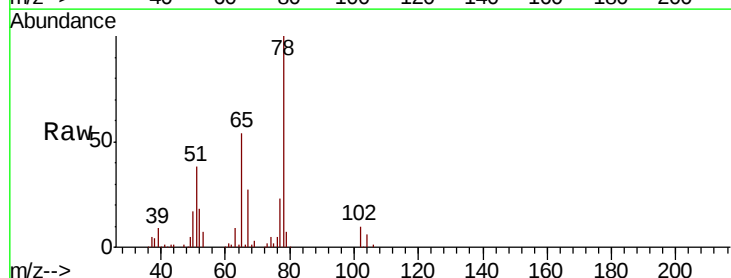


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

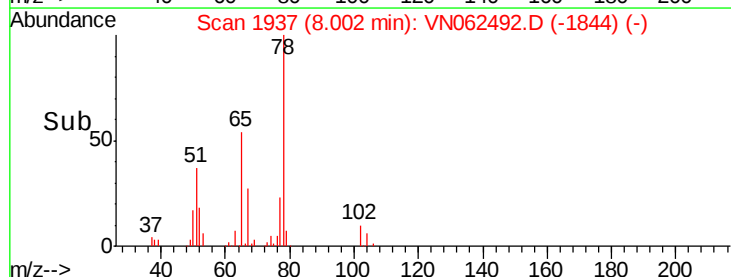
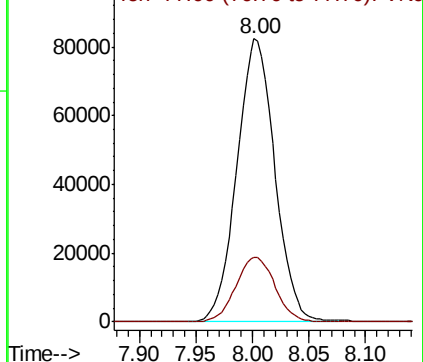


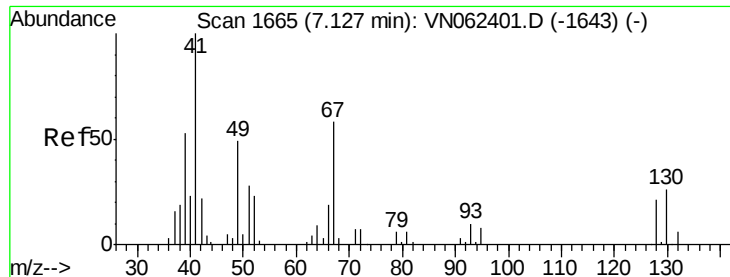
#40
Benzene
Concen: 19.255 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN062492.D
Acq: 10 Jul 2020 14:43

Tgt Ion: 78 Resp: 192181
Ion Ratio Lower Upper
78 100
77 22.9 18.7 28.1



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

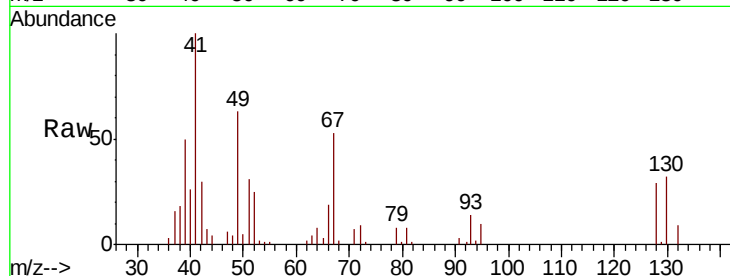




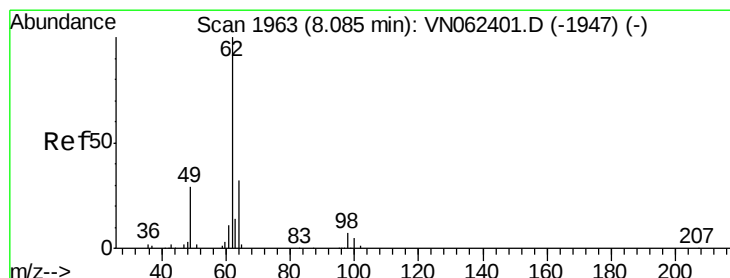
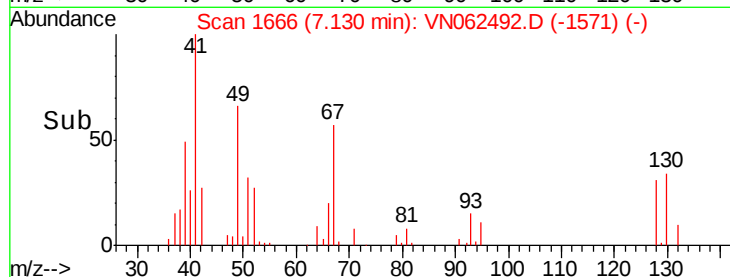
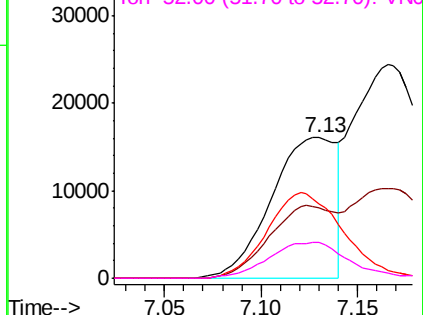
#41
Methacrylonitrile
Concen: 22.808 ug/l
RT: 7.13 min Scan# 1666
Delta R.T. 0.00 min
Lab File: VN062492.D
Acq: 10 Jul 2020 14:43

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 37734
Ion Ratio Lower Upper
41 100
39 51.6 50.2 75.2
67 70.9 64.2 96.2
52 31.4 28.0 42.0

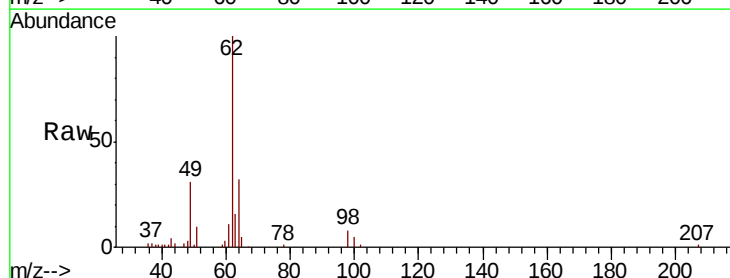


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

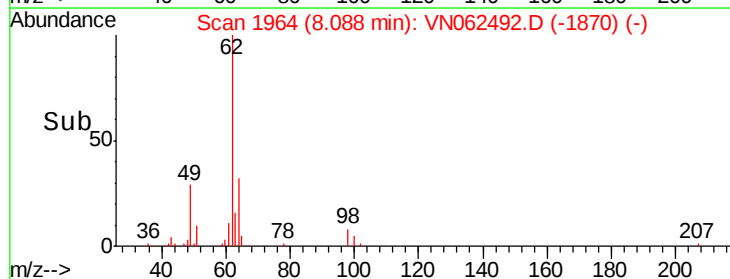
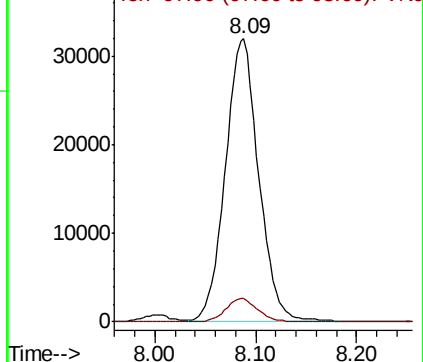


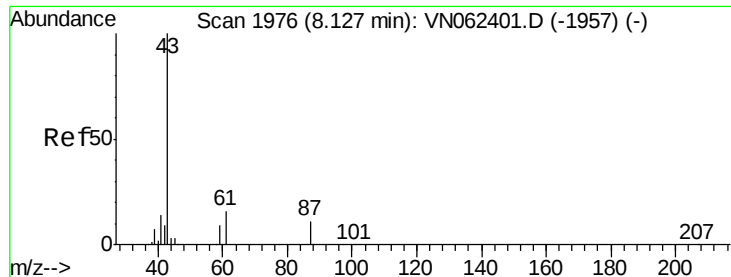
#42
1,2-Dichloroethane
Concen: 20.171 ug/l
RT: 8.09 min Scan# 1964
Delta R.T. 0.00 min
Lab File: VN062492.D
Acq: 10 Jul 2020 14:43

Tgt Ion: 62 Resp: 73716
Ion Ratio Lower Upper
62 100
98 7.8 0.0 15.8



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





#43

Isopropyl Acetate

Concen: 19.375 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. 0.00 min

Lab File: VN062492.D

Acq: 10 Jul 2020 14:43

Instrument :

MSVOA_N

ClientSampleId :

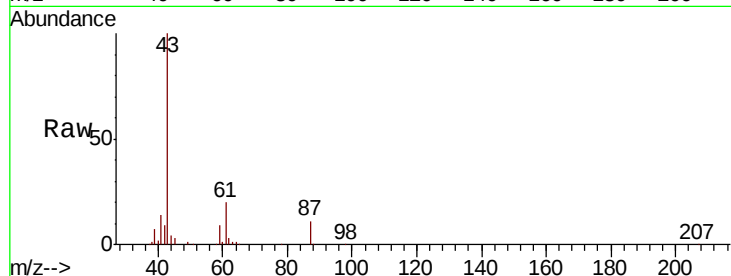
Tot Ion: 43 Resp: 121202

Ion Ratio Lower Upper

43 100

61 20.1 19.3 28.9

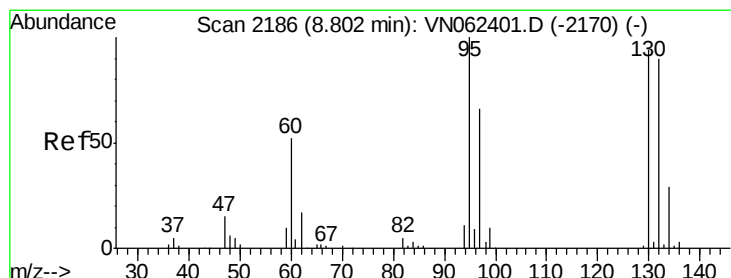
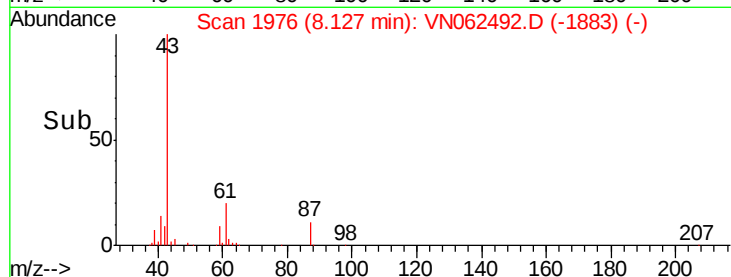
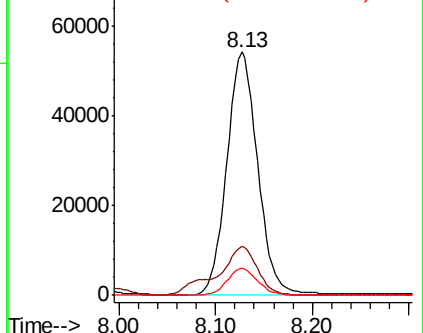
87 10.9 8.6 13.0



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: 19.578 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. 0.00 min

Lab File: VN062492.D

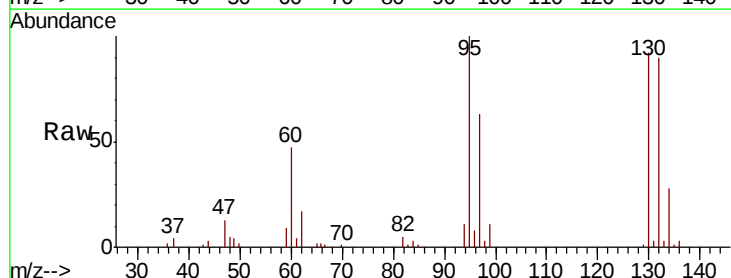
Acq: 10 Jul 2020 14:43

Tgt Ion:130 Resp: 43355

Ion Ratio Lower Upper

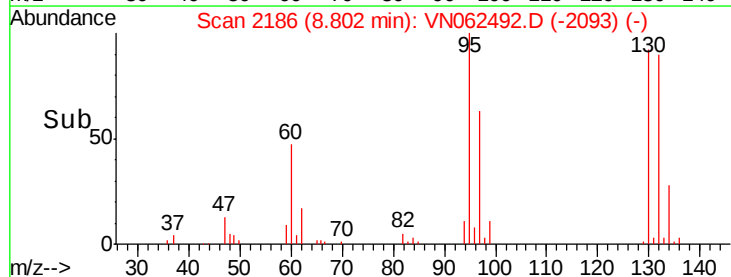
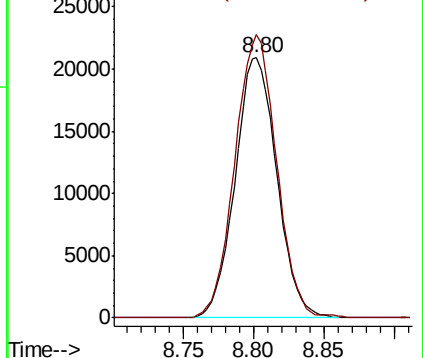
130 100

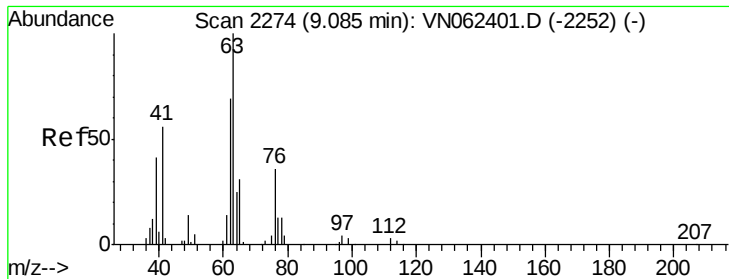
95 108.9 0.0 213.8



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: 19.769 ug/l

RT: 9.09 min Scan# 2274

Delta R.T. 0.00 min

Lab File: VN062492.D

Acq: 10 Jul 2020 14:43

Instrument :

MSVOA_N

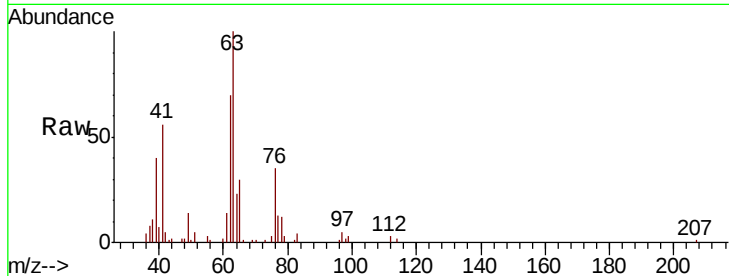
ClientSampled :

Tot Ion: 63 Resp: 57278

Ion Ratio Lower Upper

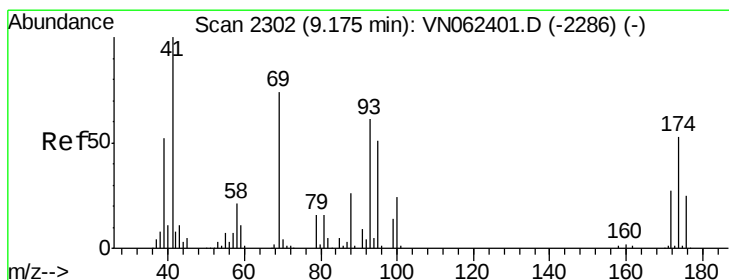
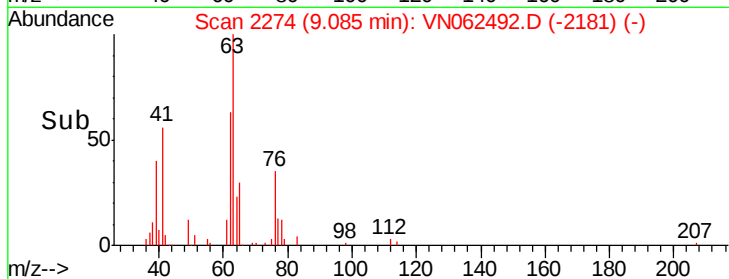
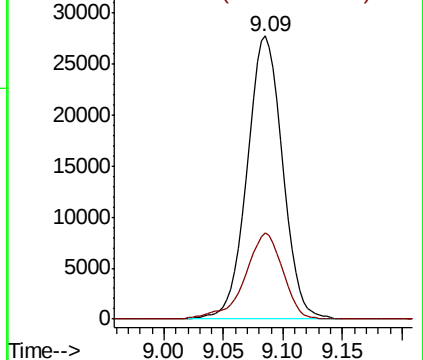
63 100

65 30.4 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: 19.894 ug/l

RT: 9.18 min Scan# 2302

Delta R.T. 0.00 min

Lab File: VN062492.D

Acq: 10 Jul 2020 14:43

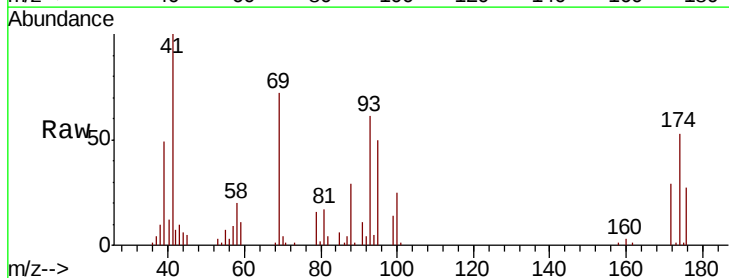
Tgt Ion: 93 Resp: 32527

Ion Ratio Lower Upper

93 100

95 82.0 67.1 100.7

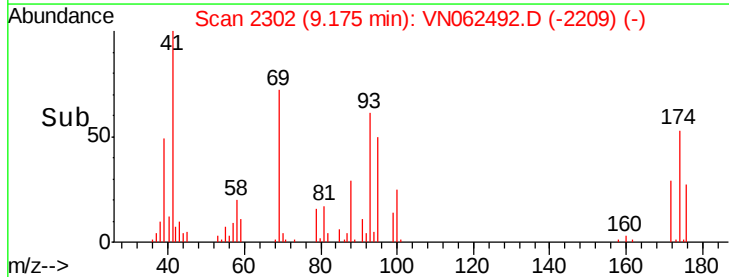
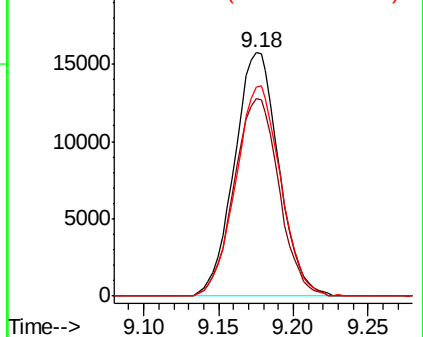
174 86.8 70.4 105.6

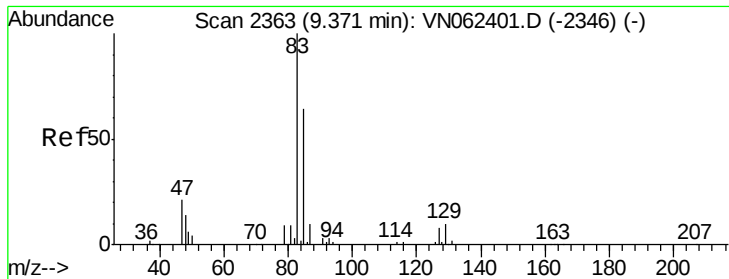


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.665 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. 0.00 min

Lab File: VN062492.D

Acq: 10 Jul 2020 14:43

Instrument :

MSVOA_N

ClientSampleId :

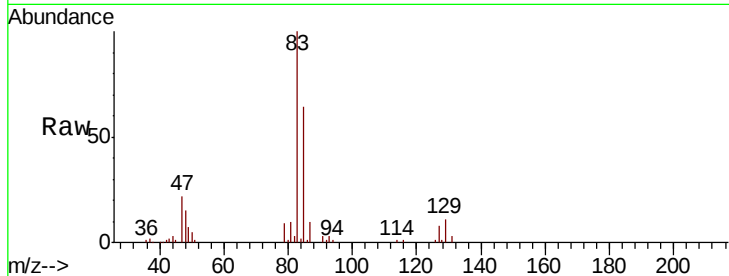
Tot Ion: 83 Resp: 68743

Ion Ratio Lower Upper

83 100

85 64.4 51.2 76.8

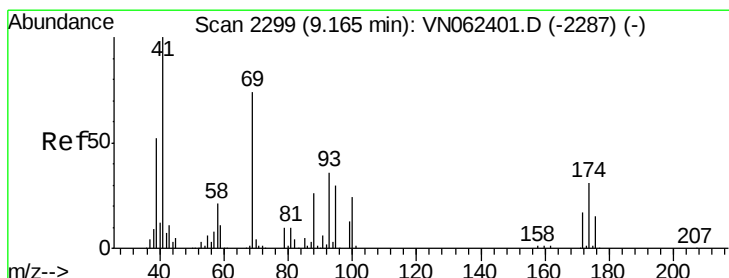
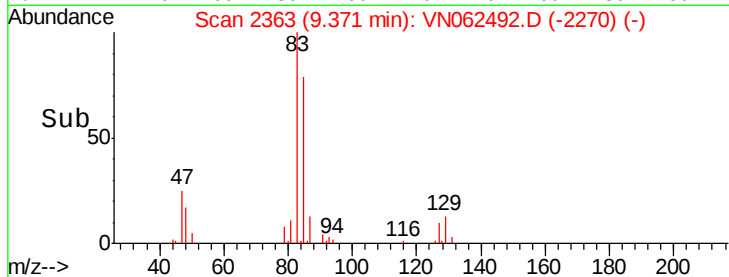
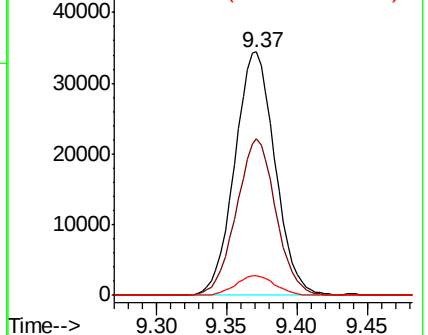
127 7.9 6.2 9.2



Abundance Ion 82.90 (82.60 to 83.60): VN062401.D (-2346) (-)

Ion 84.90 (84.60 to 85.60): VN062401.D (-2346) (-)

Ion 126.80 (126.50 to 127.50): VN062401.D (-2346) (-)



#48

Methyl methacrylate

Concen: 18.622 ug/l

RT: 9.17 min Scan# 2300

Delta R.T. 0.00 min

Lab File: VN062492.D

Acq: 10 Jul 2020 14:43

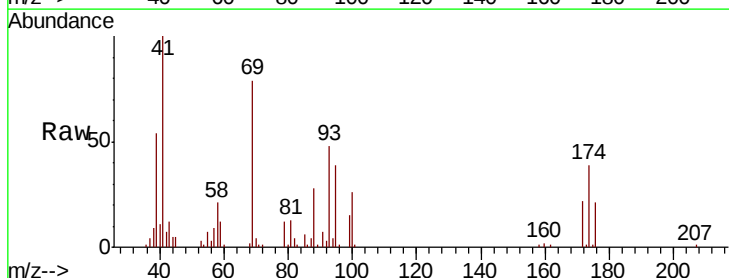
Tgt Ion: 41 Resp: 57140

Ion Ratio Lower Upper

41 100

69 77.9 60.8 91.2

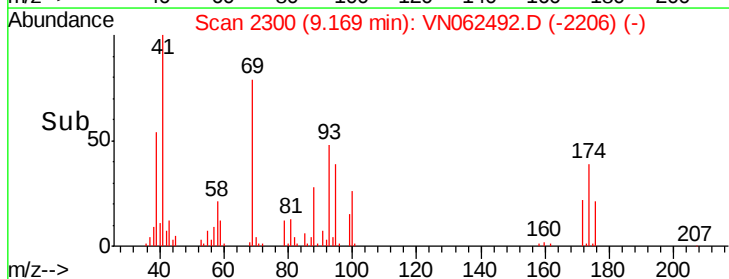
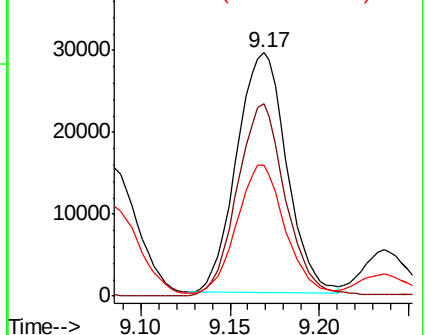
39 53.0 43.5 65.3

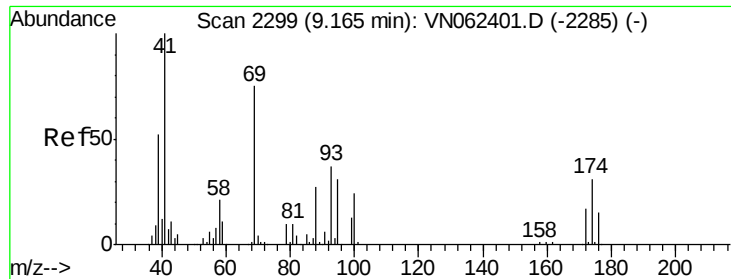


Abundance Ion 41.00 (40.70 to 41.70): VN062401.D (-2287) (-)

Ion 69.00 (68.70 to 69.70): VN062401.D (-2287) (-)

Ion 39.00 (38.70 to 39.70): VN062401.D (-2287) (-)

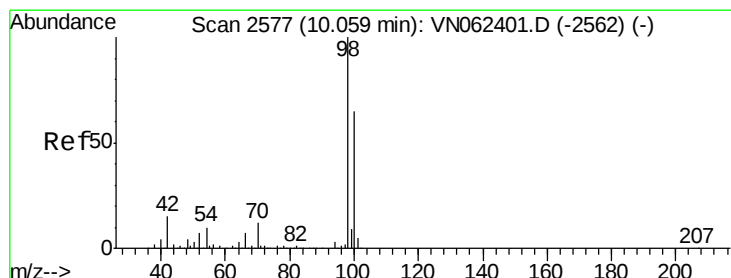
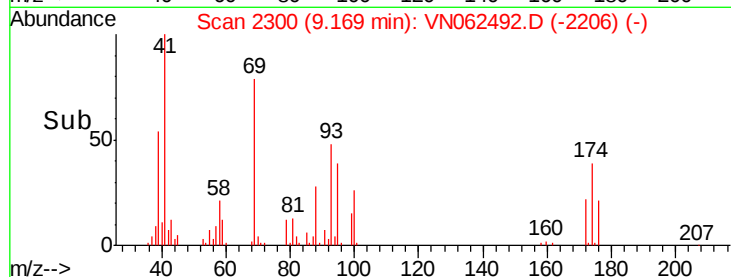
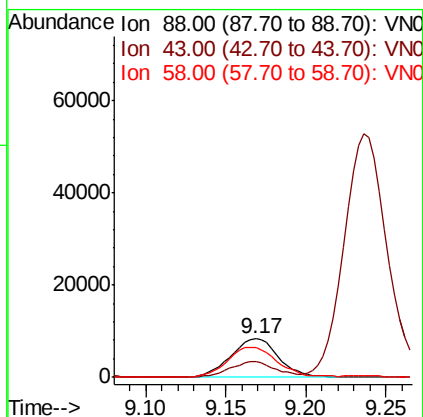
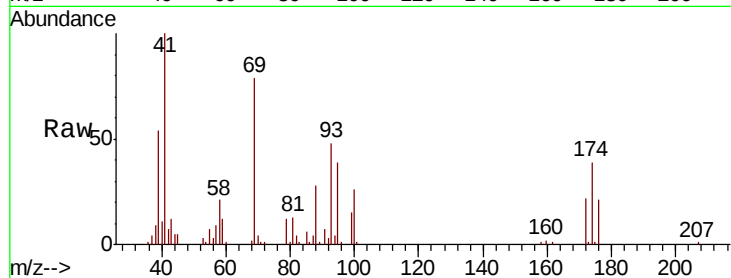




#49
1,4-Dioxane
Concen: 383.971 ug/l
RT: 9.17 min Scan# 2300
Delta R.T. 0.00 min
Lab File: VN062492.D
Acq: 10 Jul 2020 14:43

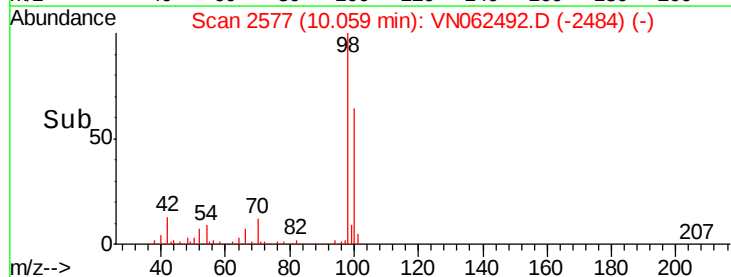
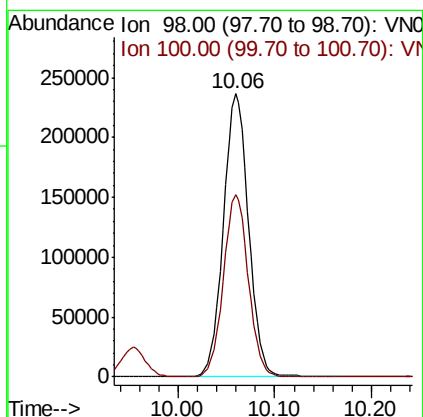
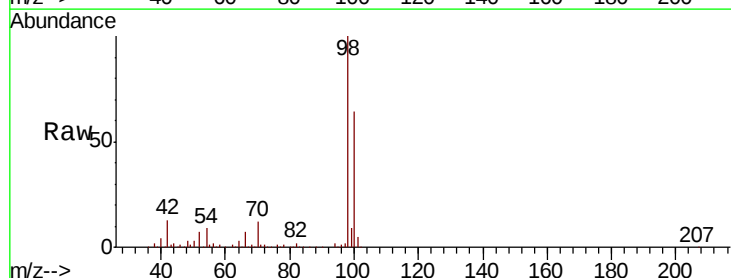
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 88 Resp: 17149
Ion Ratio Lower Upper
88 100
43 39.8 31.0 46.4
58 81.6 63.3 94.9



#50
Toluene-d8
Concen: 52.002 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN062492.D
Acq: 10 Jul 2020 14:43

Tgt Ion: 98 Resp: 426535
Ion Ratio Lower Upper
98 100
100 63.8 51.5 77.3

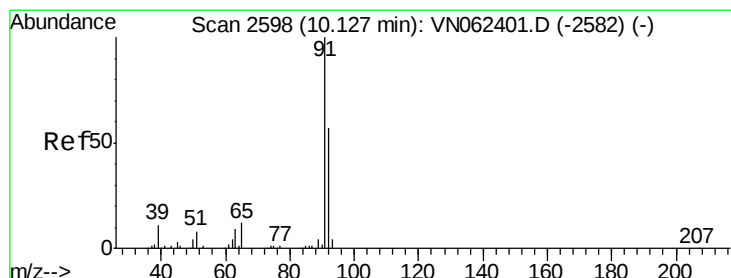
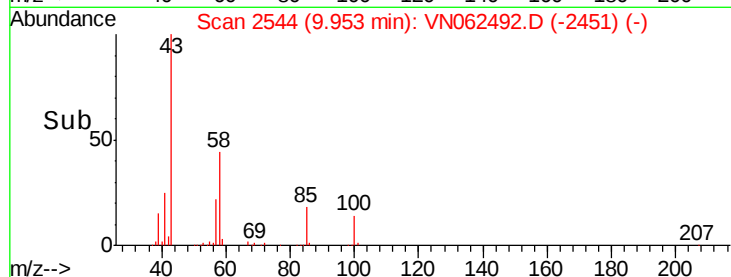
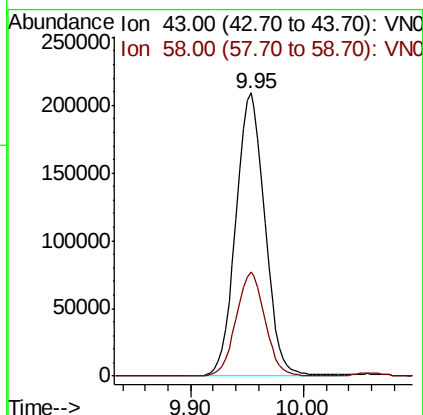
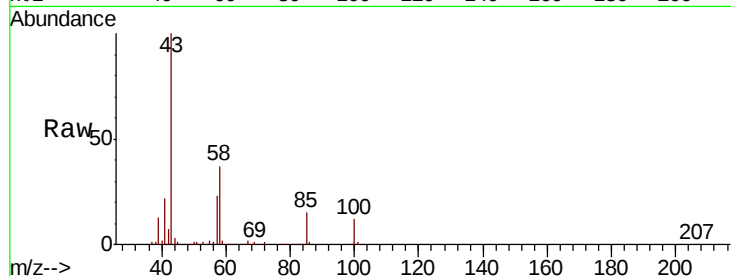




#51
 4-Methyl-2-Pentanone
 Concen: 100.427 ug/l
 RT: 9.95 min Scan# 2544
 Delta R.T. 0.00 min
 Lab File: VN062492.D
 Acq: 10 Jul 2020 14:43

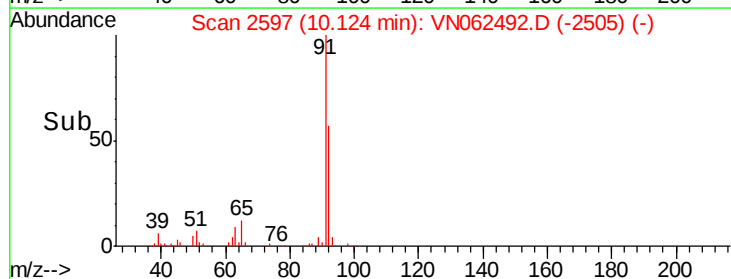
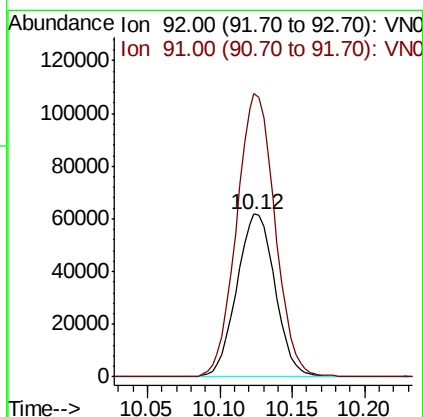
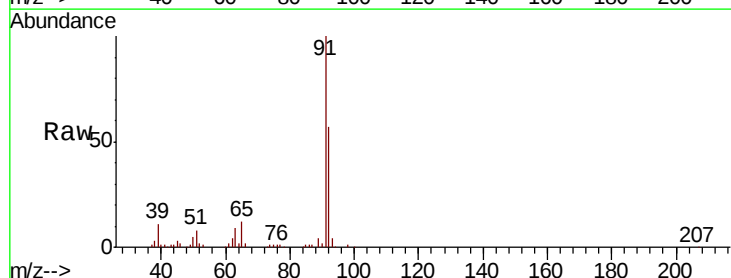
Instrument :
 MSVOA_N
 ClientSampled :

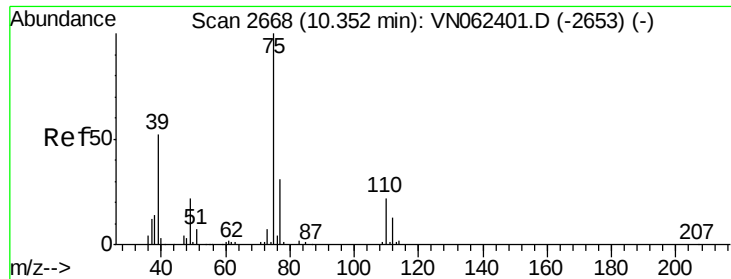
Tot Ion: 43 Resp: 375221
 Ion Ratio Lower Upper
 43 100
 58 36.5 29.0 43.6



#52
 Toluene
 Concen: 19.698 ug/l
 RT: 10.12 min Scan# 2597
 Delta R.T. -0.00 min
 Lab File: VN062492.D
 Acq: 10 Jul 2020 14:43

Tgt Ion: 92 Resp: 113561
 Ion Ratio Lower Upper
 92 100
 91 175.0 141.0 211.6





#53

t-1,3-Dichloropropene

Concen: 19.434 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. 0.00 min

Lab File: VN062492.D

Acq: 10 Jul 2020 14:43

Instrument :

MSVOA_N

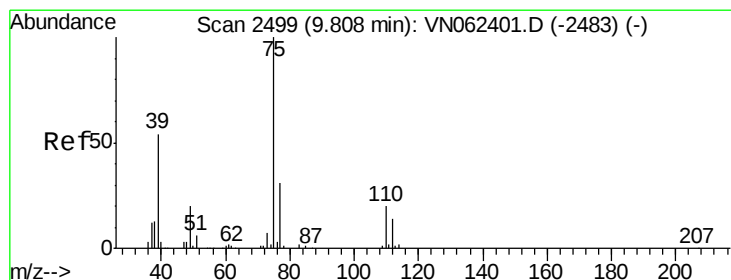
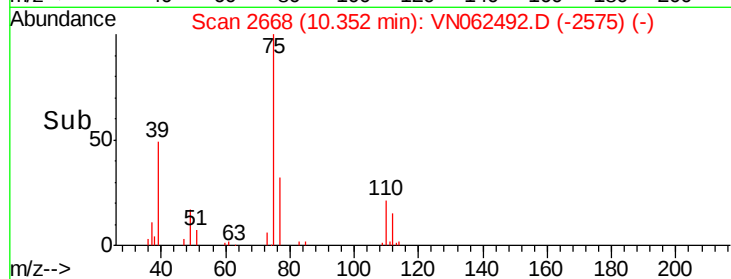
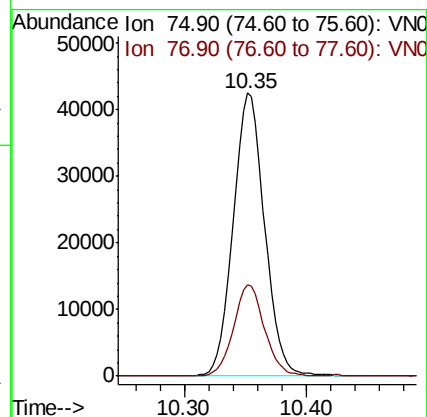
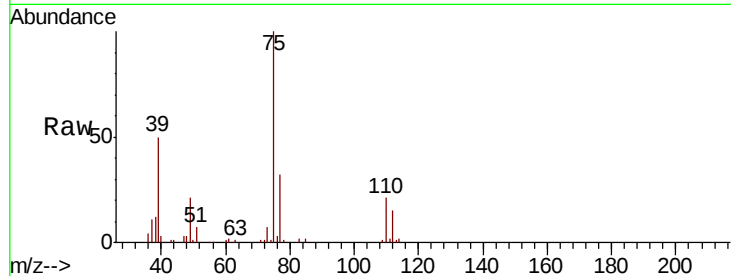
ClientSampleId :

Tot Ion: 75 Resp: 76109

Ion Ratio Lower Upper

75 100

77 32.5 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 19.078 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. 0.00 min

Lab File: VN062492.D

Acq: 10 Jul 2020 14:43

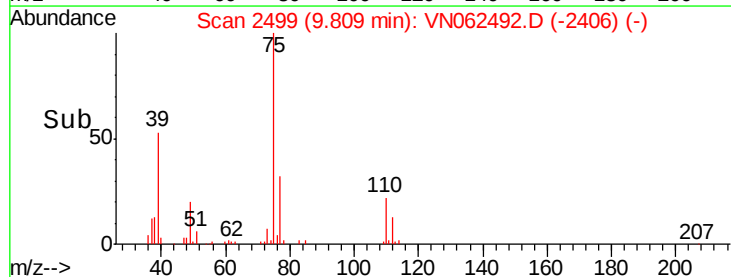
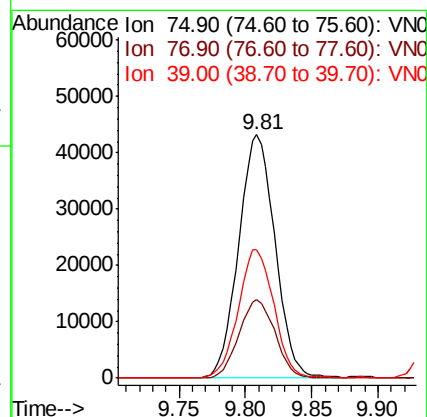
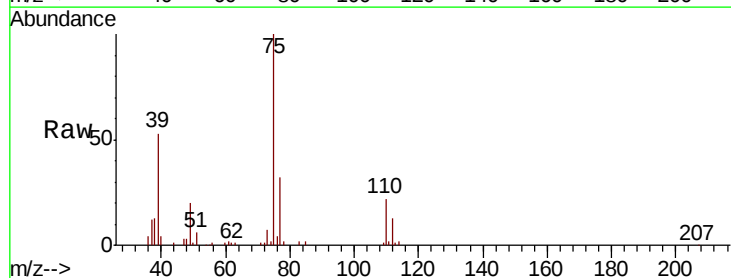
Tgt Ion: 75 Resp: 82436

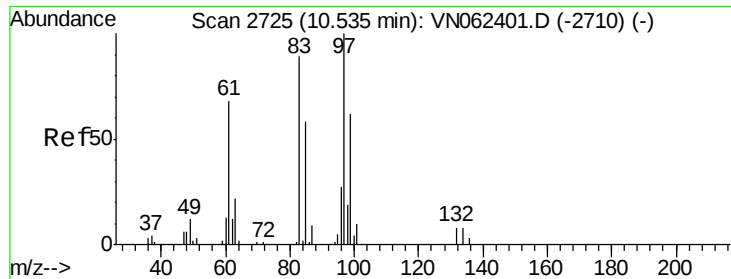
Ion Ratio Lower Upper

75 100

77 32.3 24.5 36.7

39 52.7 43.4 65.0

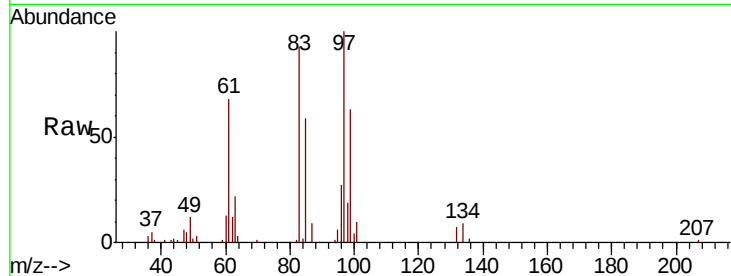




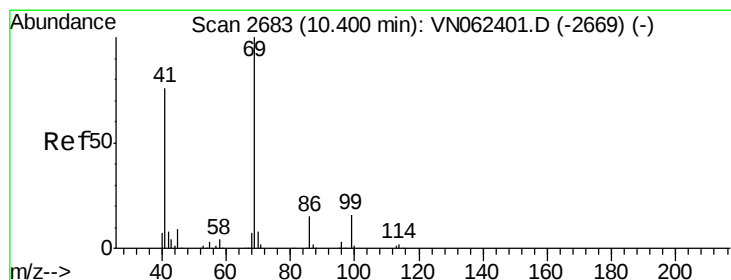
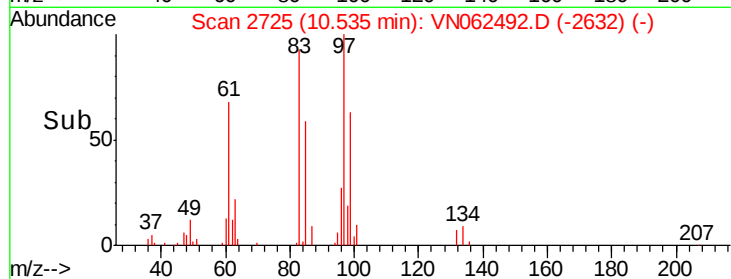
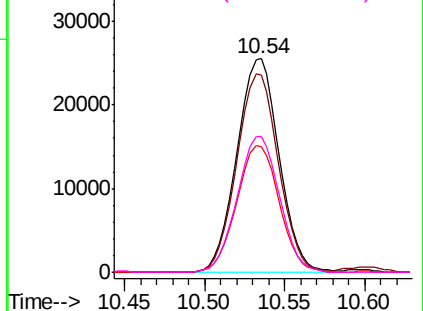
#55
 1,1,2-Trichloroethane
 Concen: 20.272 ug/l
 RT: 10.54 min Scan# 2725
 Delta R.T. 0.00 min
 Lab File: VN062492.D
 Acq: 10 Jul 2020 14:43

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:	97	Resp:	45964
Ion	Ratio	Lower	Upper
97	100		
83	92.6	71.0	106.4
85	58.8	46.2	69.4
99	63.3	49.7	74.5

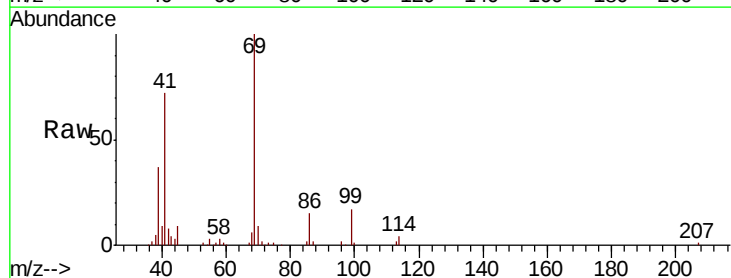


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

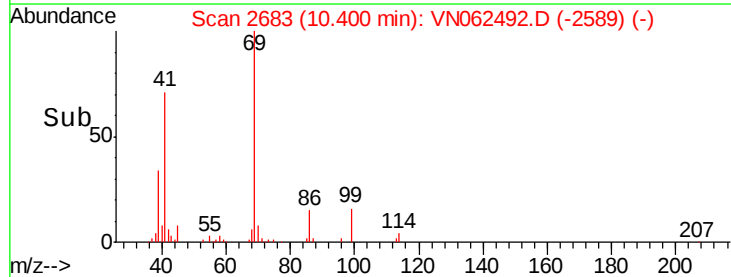
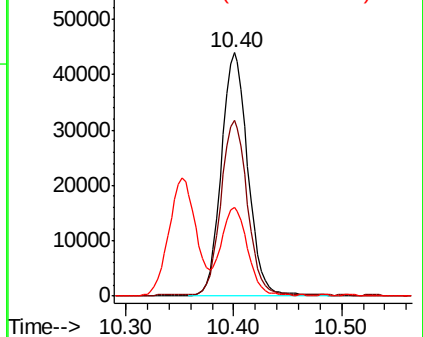


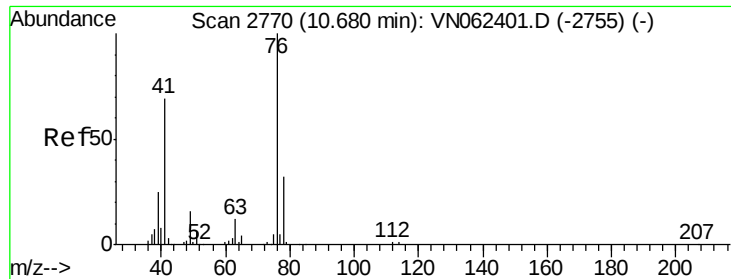
#56
 Ethyl methacrylate
 Concen: 19.164 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN062492.D
 Acq: 10 Jul 2020 14:43

Tgt Ion:	69	Resp:	75404
Ion	Ratio	Lower	Upper
69	100		
41	71.2	59.7	89.5
39	36.3	30.6	45.8



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

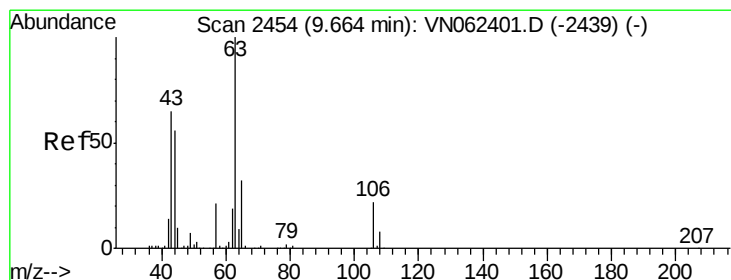
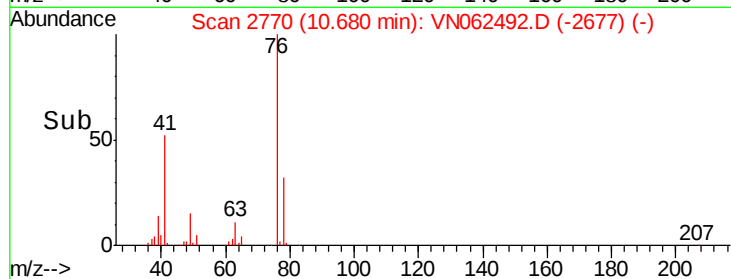
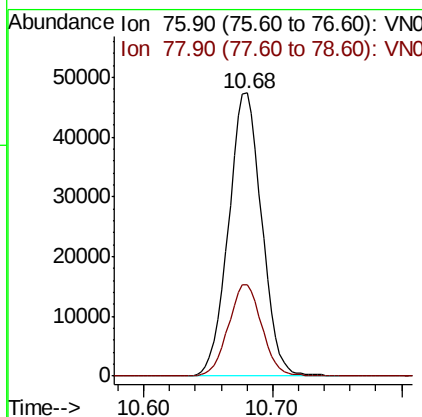
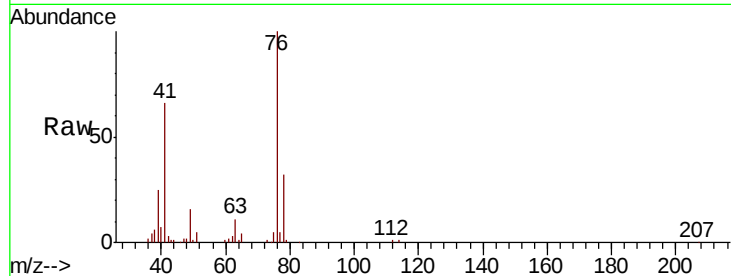




#57
 1,3-Dichloropropane
 Concen: 20.238 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. 0.00 min
 Lab File: VN062492.D
 Acq: 10 Jul 2020 14:43

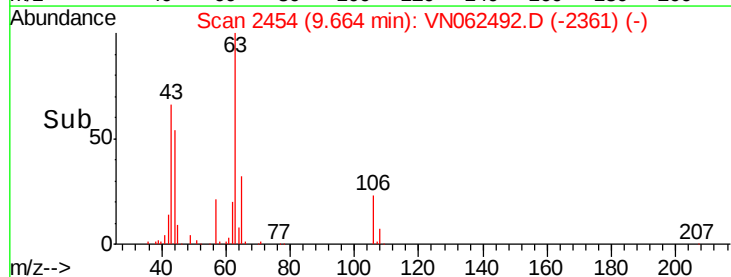
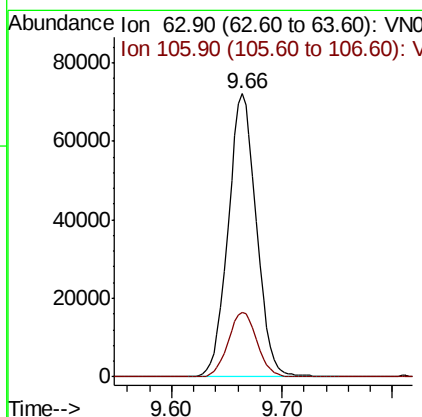
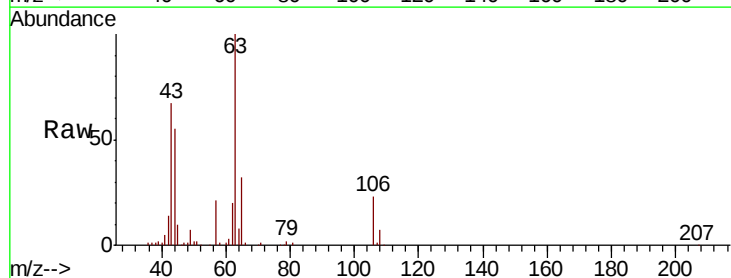
Instrument :
 MSVOA_N
 ClientSampled :

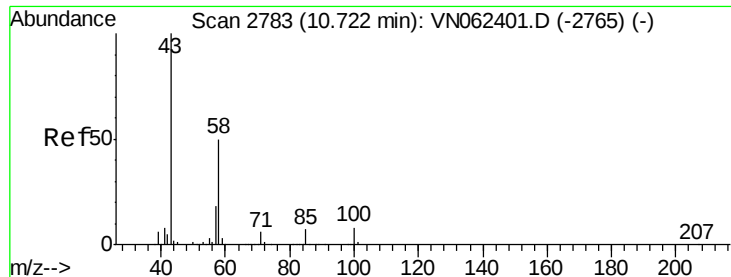
Tot Ion: 76 Resp: 84774
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 95.008 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062492.D
 Acq: 10 Jul 2020 14:43

Tgt Ion: 63 Resp: 127800
 Ion Ratio Lower Upper
 63 100
 106 23.3 17.6 26.4

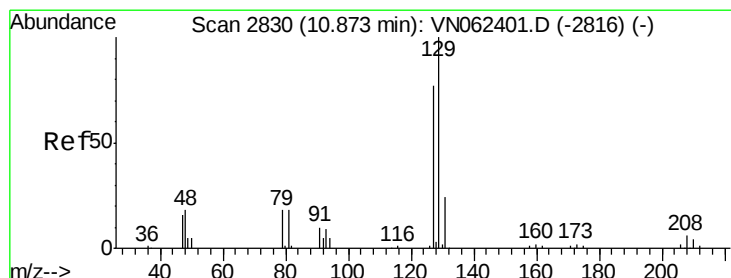
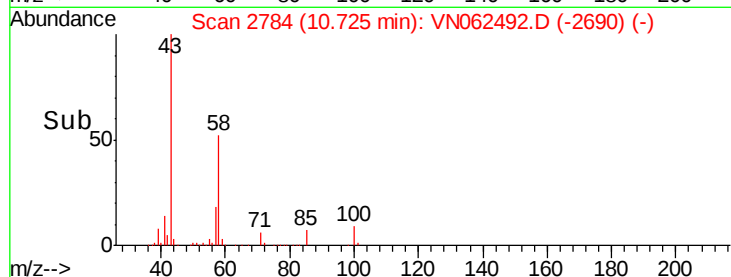
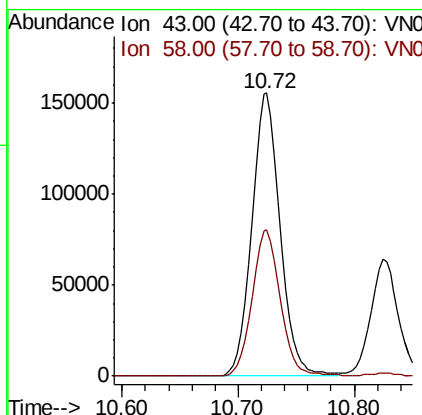
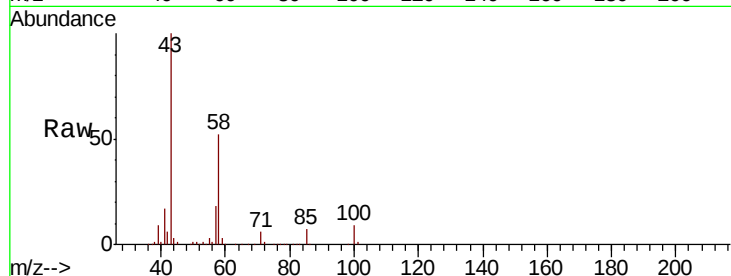




#59
2-Hexanone
Concen: 97.956 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN062492.D
Acq: 10 Jul 2020 14:43

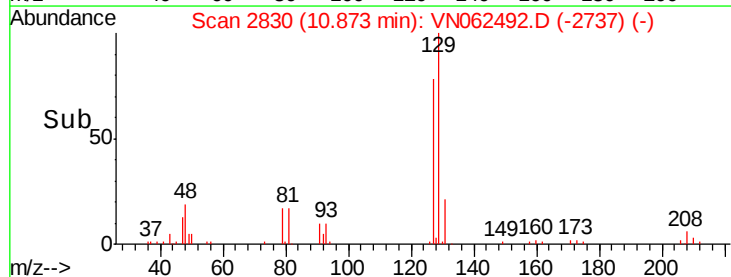
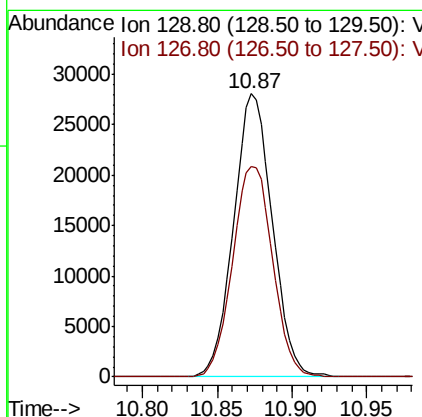
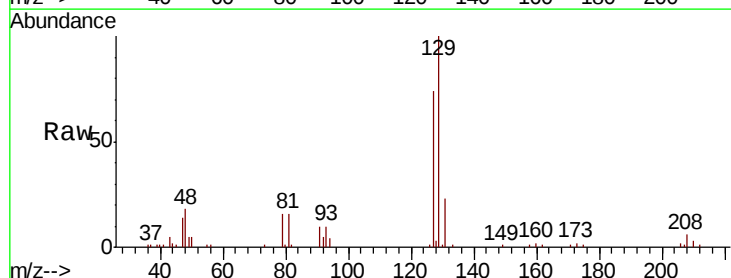
Instrument :
MSVOA_N
ClientSampleId :

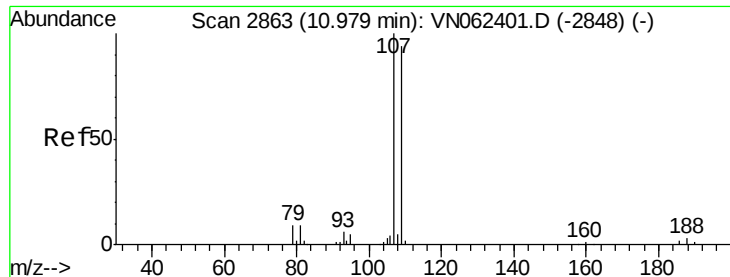
Tot Ion: 43 Resp: 265697
Ion Ratio Lower Upper
43 100
58 51.7 25.1 75.2



#60
Dibromochloromethane
Concen: 20.553 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. 0.00 min
Lab File: VN062492.D
Acq: 10 Jul 2020 14:43

Tgt Ion: 129 Resp: 50528
Ion Ratio Lower Upper
129 100
127 76.9 38.6 115.8

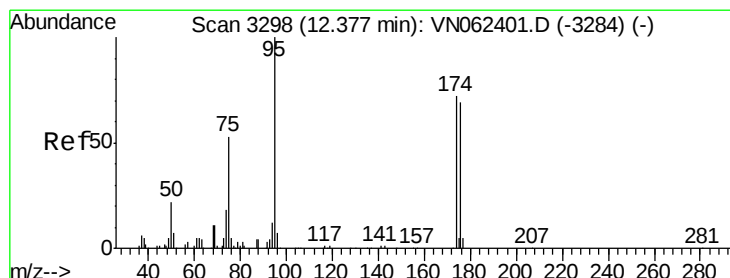
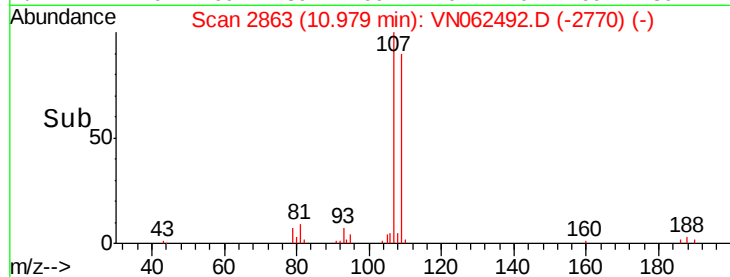
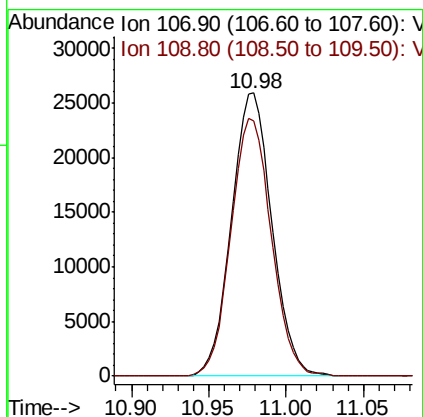
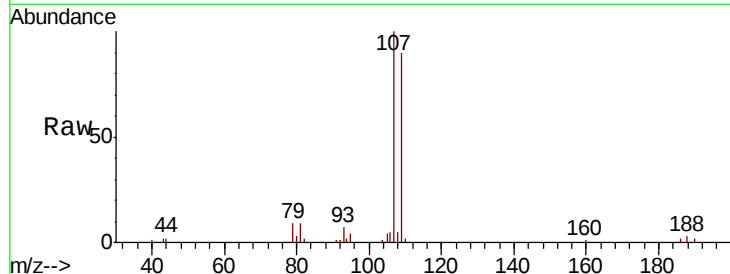




#61
 1,2-Dibromoethane
 Concen: 20.537 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN062492.D
 Acq: 10 Jul 2020 14:43

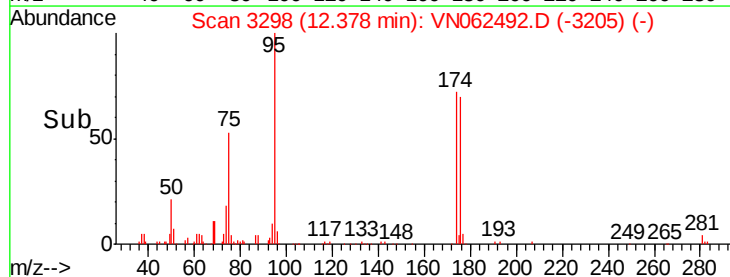
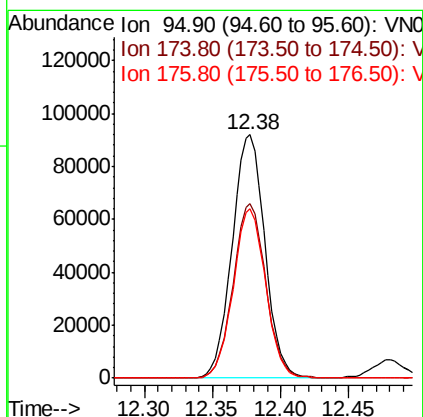
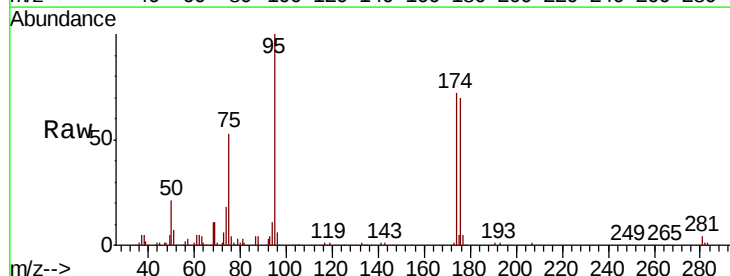
Instrument :
 MSVOA_N
 ClientSampleId :

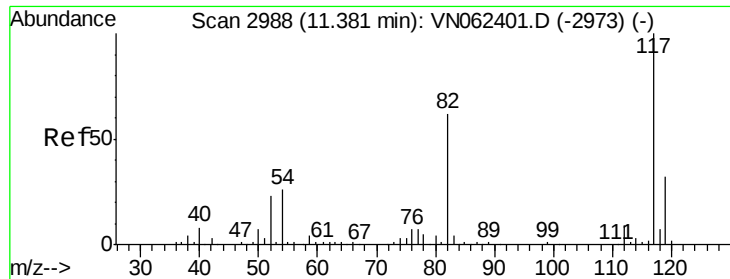
Tot Ion: 107 Resp: 47006
 Ion Ratio Lower Upper
 107 100
 109 91.1 75.6 113.4



#62
 4-Bromofluorobenzene
 Concen: 51.157 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VN062492.D
 Acq: 10 Jul 2020 14:43

Tgt Ion: 95 Resp: 153336
 Ion Ratio Lower Upper
 95 100
 174 71.6 0.0 141.6
 176 69.0 0.0 137.2

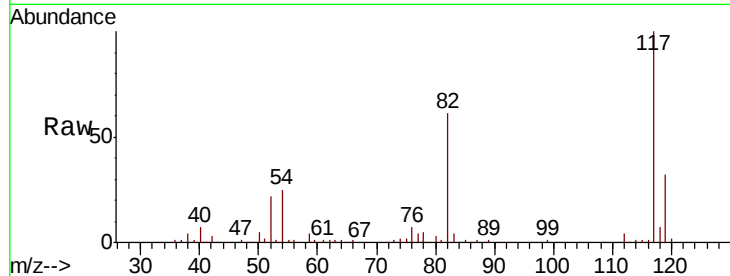




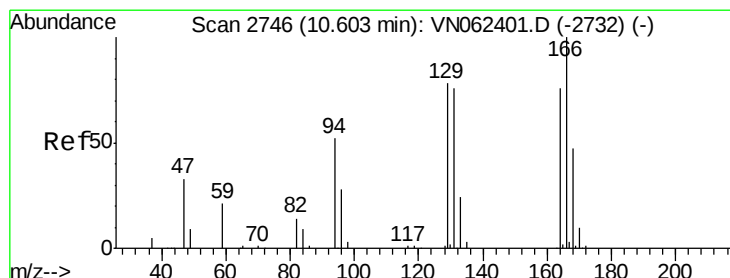
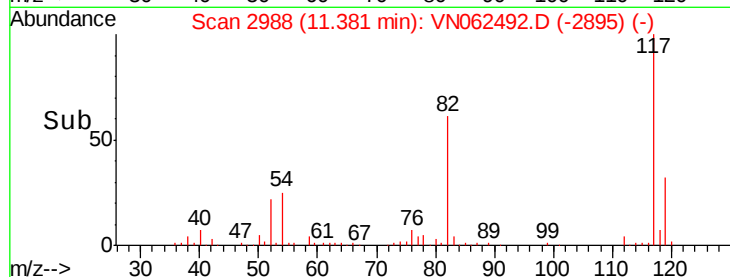
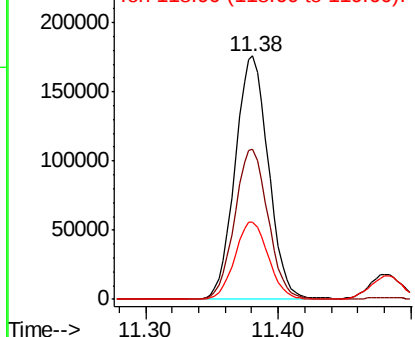
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN062492.D
Acq: 10 Jul 2020 14:43

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 307433
Ion Ratio Lower Upper
117 100
82 61.5 49.6 74.4
119 31.8 25.4 38.0

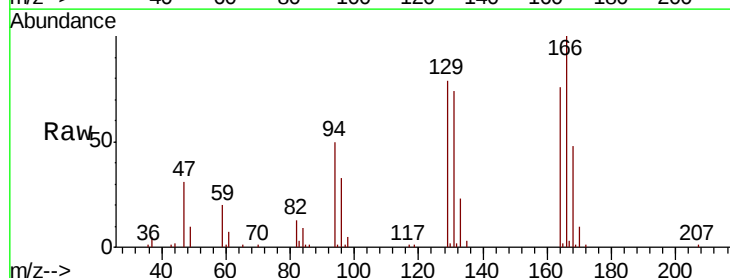


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

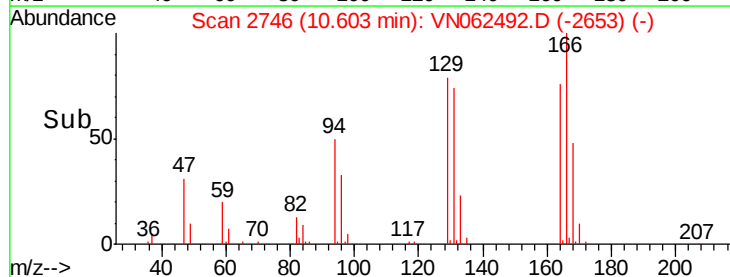
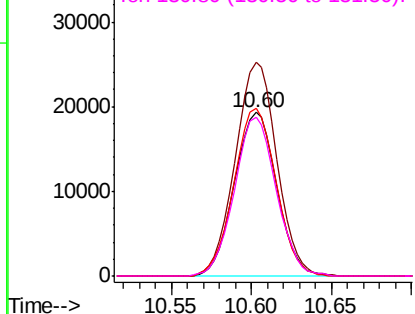


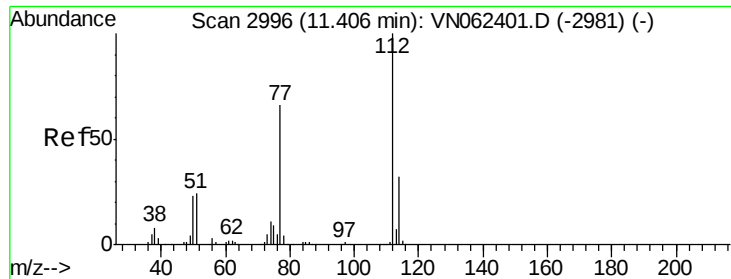
#64
Tetrachloroethene
Concen: 19.099 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN062492.D
Acq: 10 Jul 2020 14:43

Tgt Ion:164 Resp: 34843
Ion Ratio Lower Upper
164 100
166 130.8 104.9 157.3
129 103.1 81.8 122.6
131 96.9 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: 19.591 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN062492.D

Acq: 10 Jul 2020 14:43

Instrument :

MSVOA_N

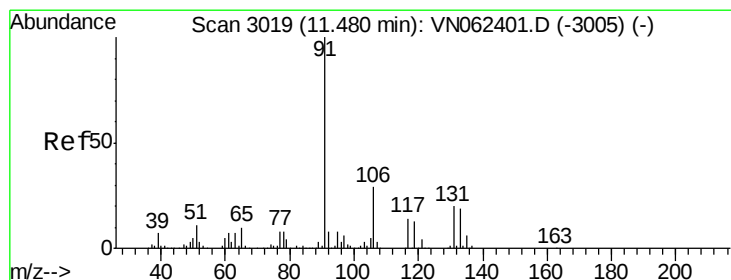
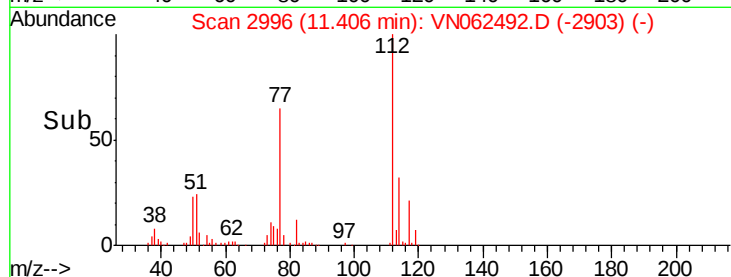
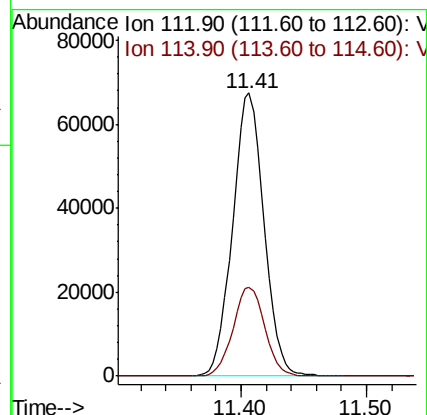
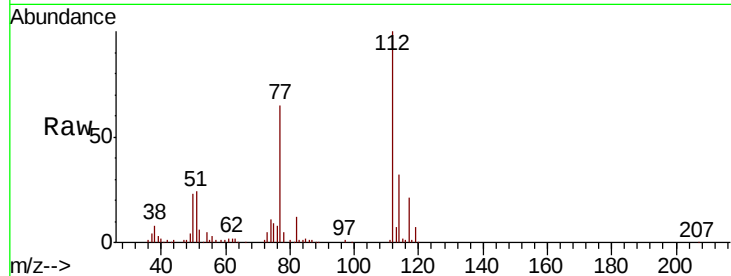
ClientSampleId :

Tot Ion:112 Resp: 117055

Ion Ratio Lower Upper

112 100

114 31.5 25.9 38.9



#66

1,1,1,2-Tetrachloroethane

Concen: 20.289 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. 0.00 min

Lab File: VN062492.D

Acq: 10 Jul 2020 14:43

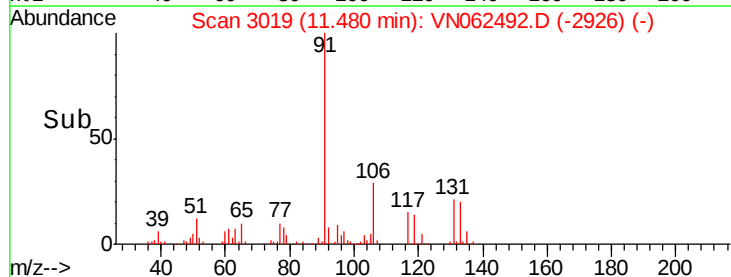
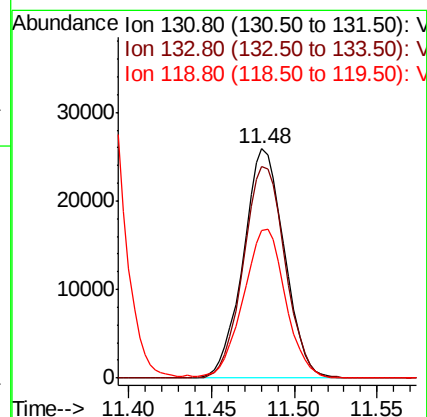
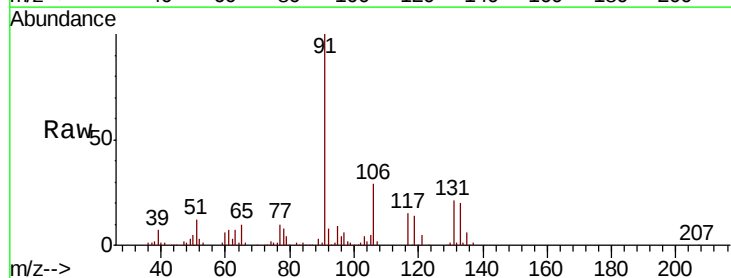
Tgt Ion:131 Resp: 44705

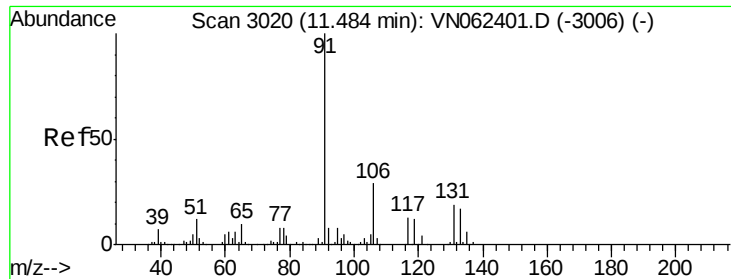
Ion Ratio Lower Upper

131 100

133 93.6 46.9 140.8

119 66.4 33.2 99.6

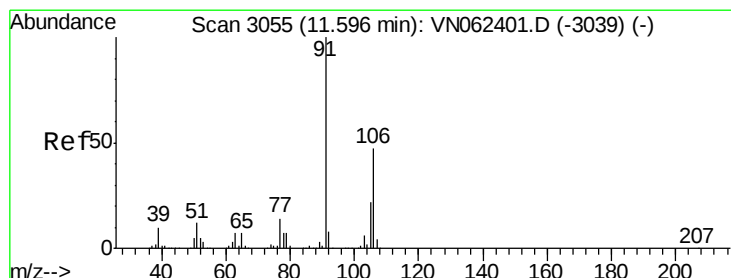
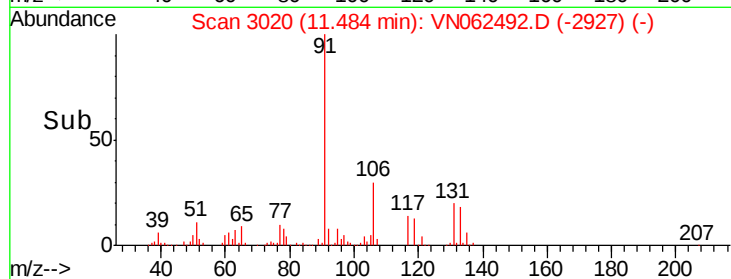
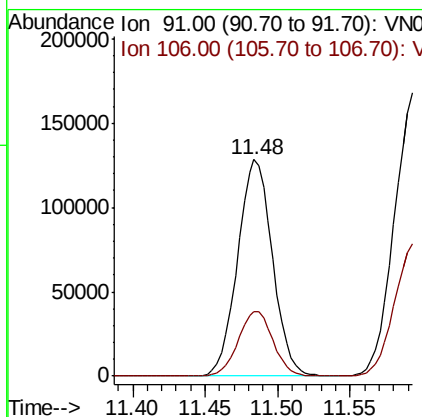
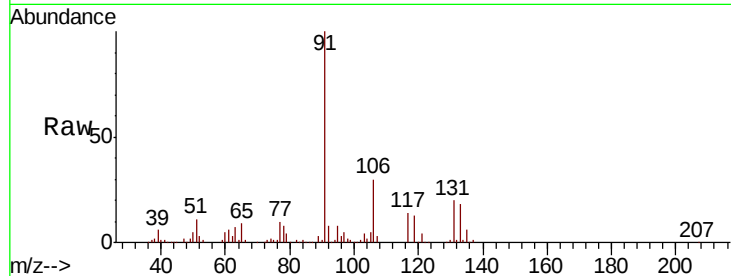




#67
Ethyl Benzene
Concen: 19.133 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN062492.D
Acq: 10 Jul 2020 14:43

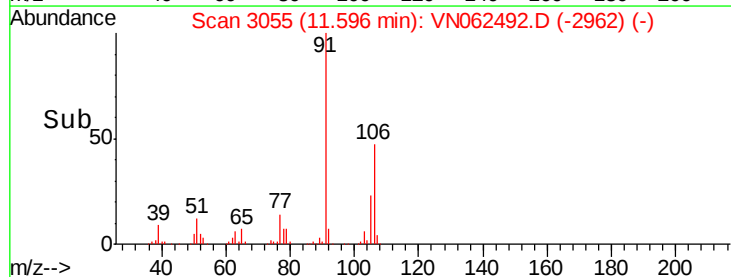
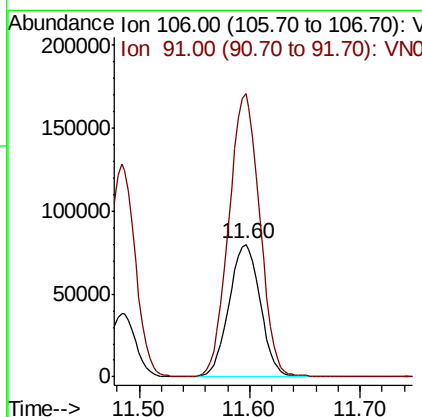
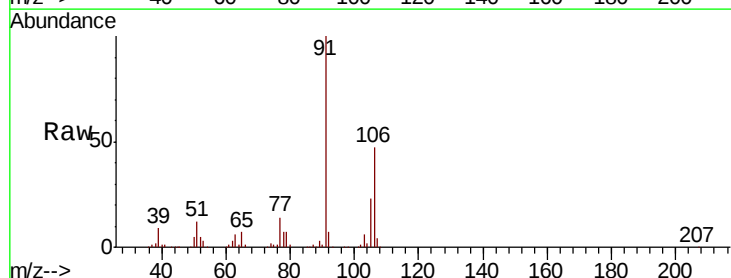
Instrument :
MSVOA_N
ClientSampled :

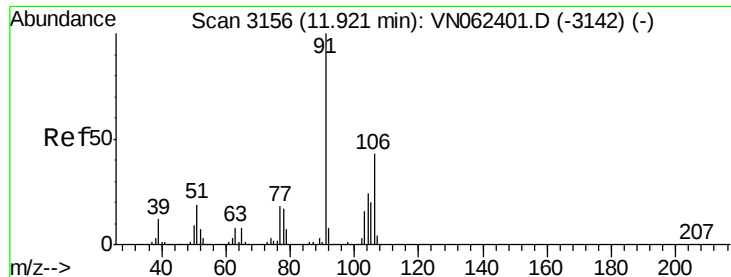
Tot Ion: 91 Resp: 214592
Ion Ratio Lower Upper
91 100
106 30.0 23.4 35.2



#68
m/p-Xylenes
Concen: 39.580 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN062492.D
Acq: 10 Jul 2020 14:43

Tgt Ion: 106 Resp: 157151
Ion Ratio Lower Upper
106 100
91 211.2 172.4 258.6

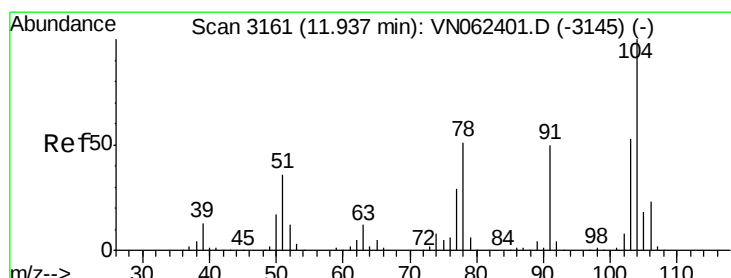
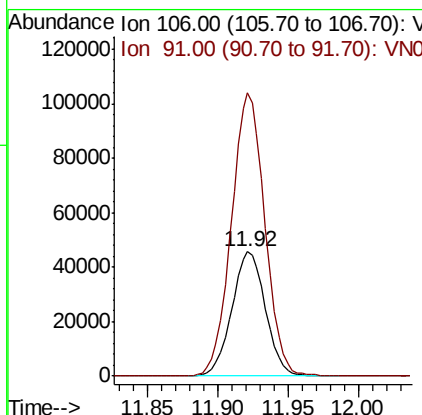
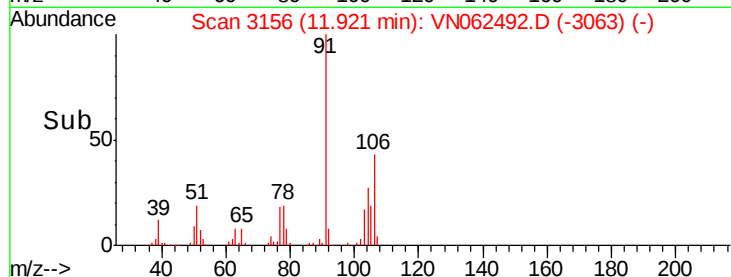
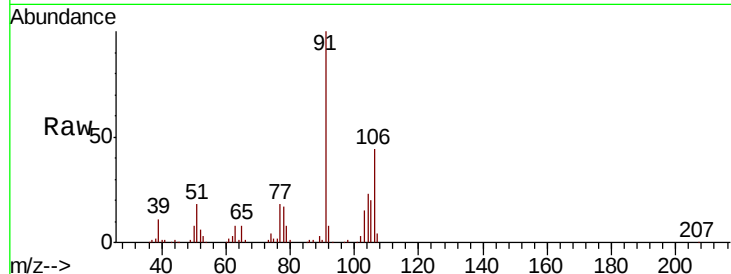




#69
o-Xylene
Concen: 19.671 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN062492.D
Acq: 10 Jul 2020 14:43

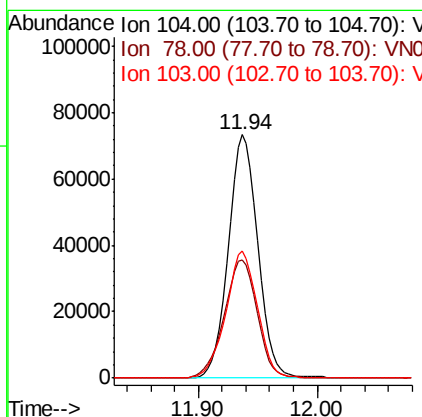
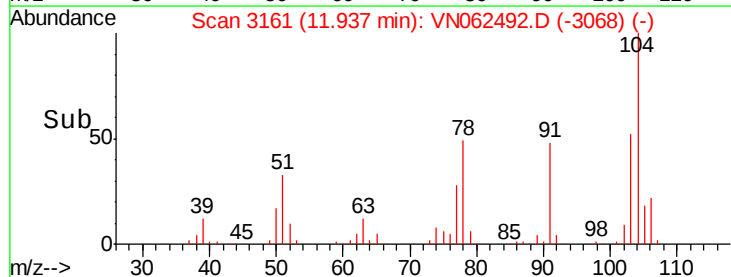
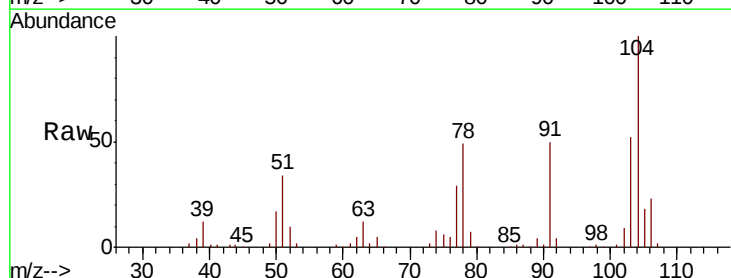
Instrument :
MSVOA_N
ClientSampled :

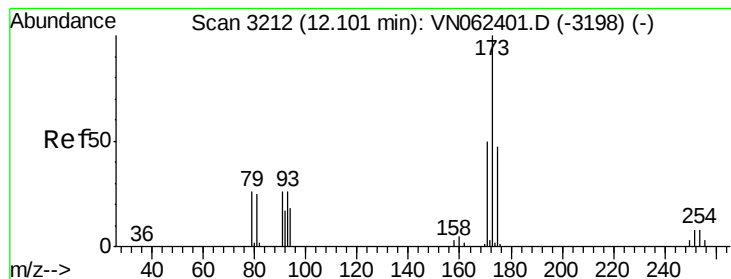
Tot Ion:106 Resp: 76044
Ion Ratio Lower Upper
106 100
91 226.8 113.8 341.4



#70
Styrene
Concen: 19.755 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN062492.D
Acq: 10 Jul 2020 14:43

Tgt Ion:104 Resp: 126217
Ion Ratio Lower Upper
104 100
78 54.5 44.2 66.4
103 55.9 44.4 66.6





#71

Bromoform

Concen: 20.709 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. 0.00 min

Lab File: VN062492.D

Acq: 10 Jul 2020 14:43

Instrument :

MSVOA_N

ClientSampled :

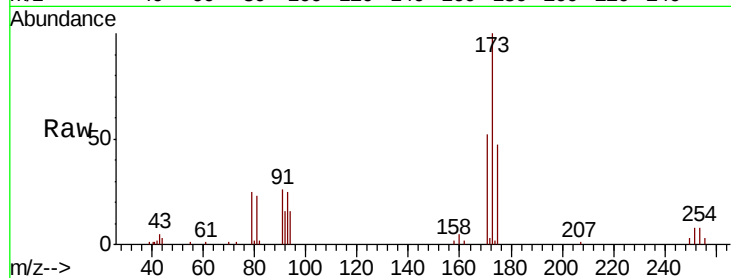
Tot Ion:173 Resp: 33451

Ion Ratio Lower Upper

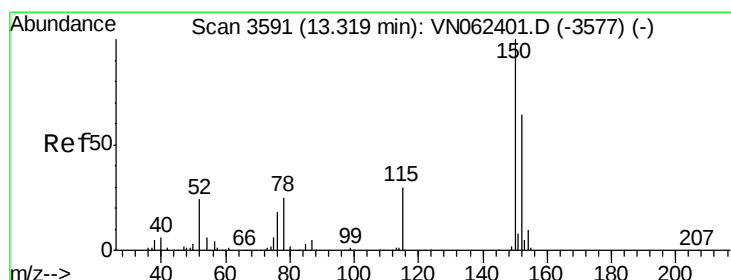
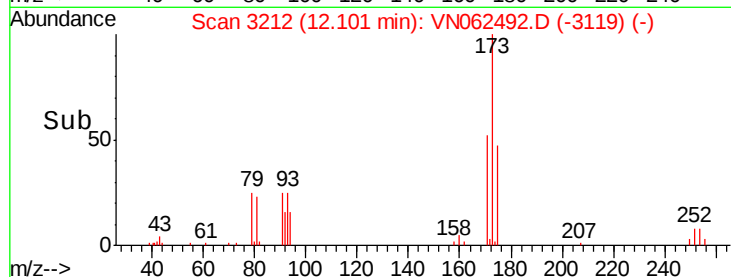
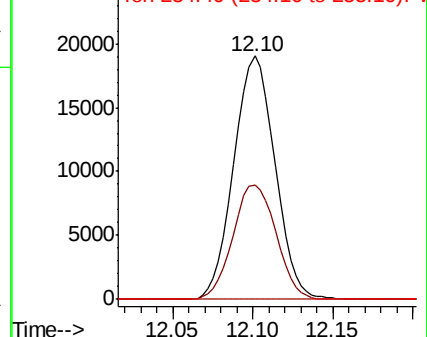
173 100

175 49.1 23.7 71.1

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN062492.D

Acq: 10 Jul 2020 14:43

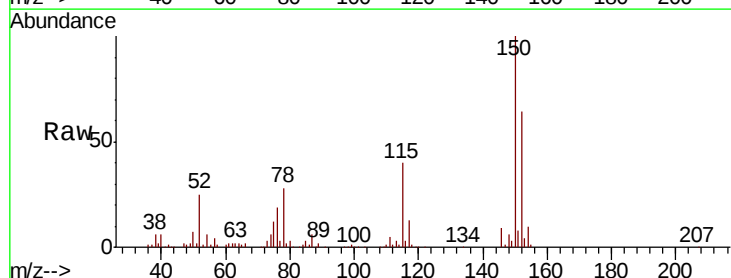
Tgt Ion:152 Resp: 134138

Ion Ratio Lower Upper

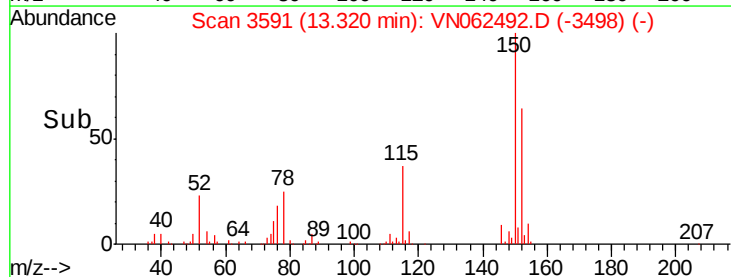
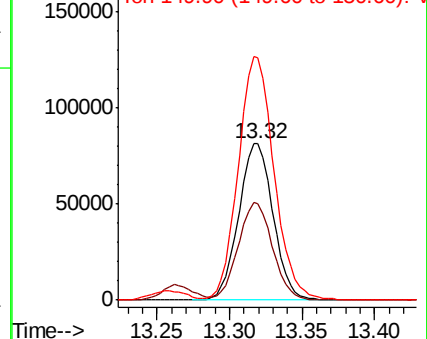
152 100

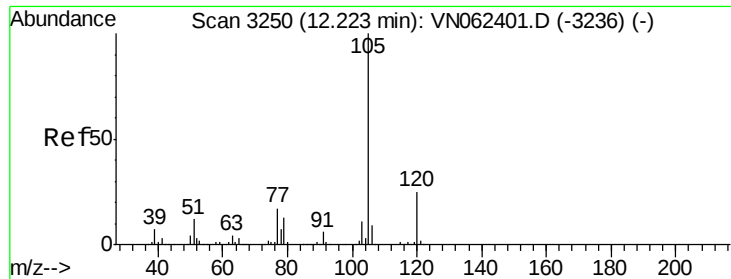
115 62.1 31.4 94.2

150 161.7 0.0 347.4



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





#73

Isopropylbenzene

Concen: 19.523 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN062492.D

Acq: 10 Jul 2020 14:43

Instrument :

MSVOA_N

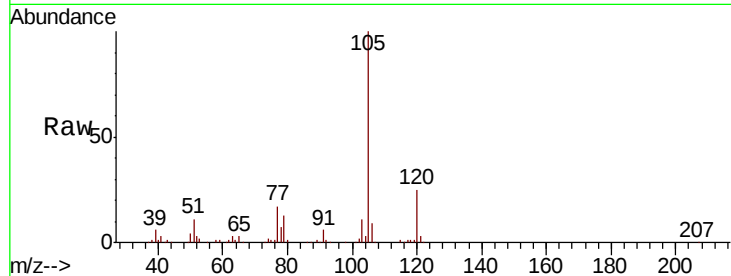
ClientSampled :

Tot Ion:105 Resp: 202649

Ion Ratio Lower Upper

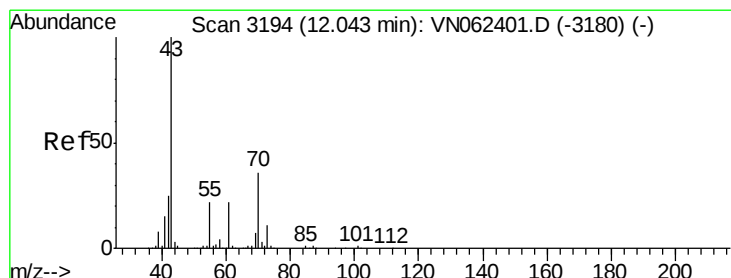
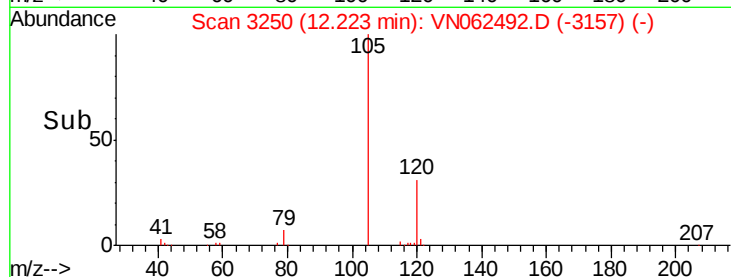
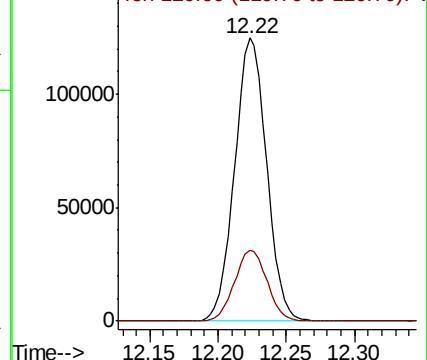
105 100

120 25.5 12.7 38.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.042 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN062492.D

Acq: 10 Jul 2020 14:43

Tgt Ion: 43 Resp: 101255

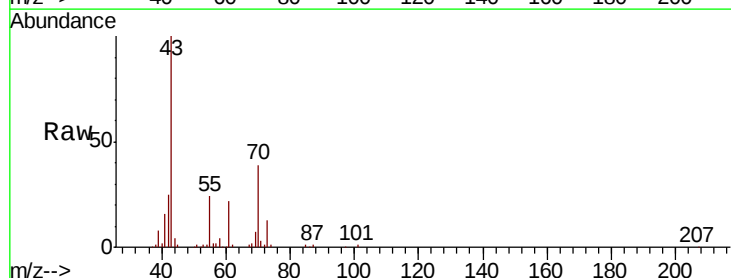
Ion Ratio Lower Upper

43 100

70 37.1 30.0 45.0

55 24.3 18.2 27.4

61 21.5 17.7 26.5

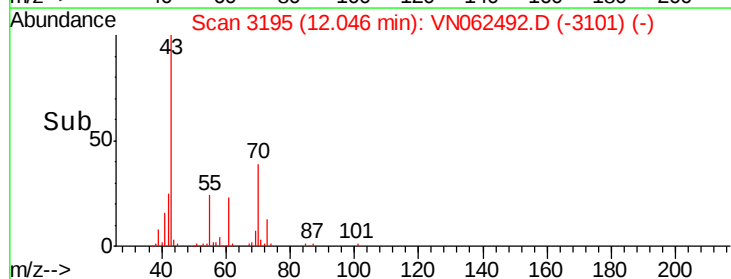
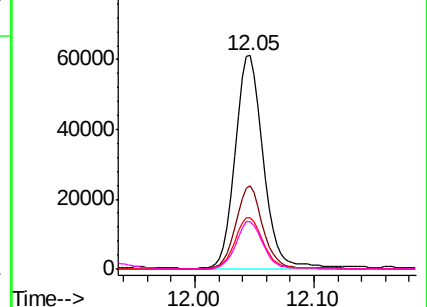


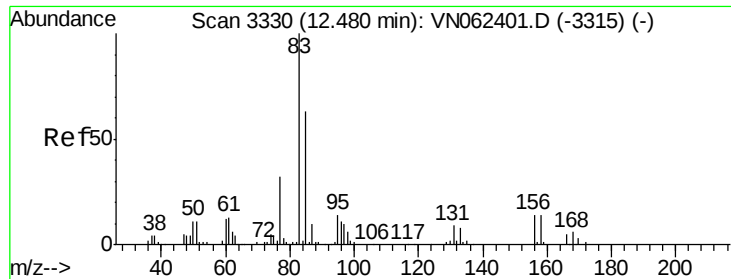
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.620 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062492.D

Acq: 10 Jul 2020 14:43

Instrument :

MSVOA_N

ClientSampleId :

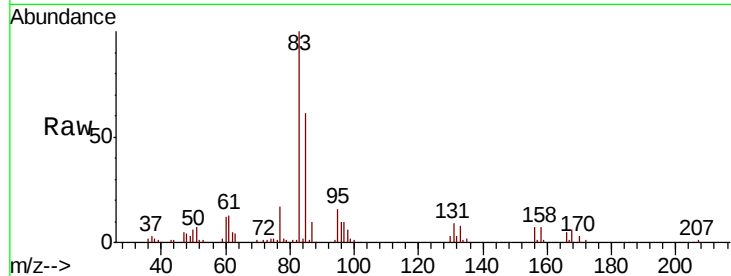
Tot Ion: 83 Resp: 71965

Ion Ratio Lower Upper

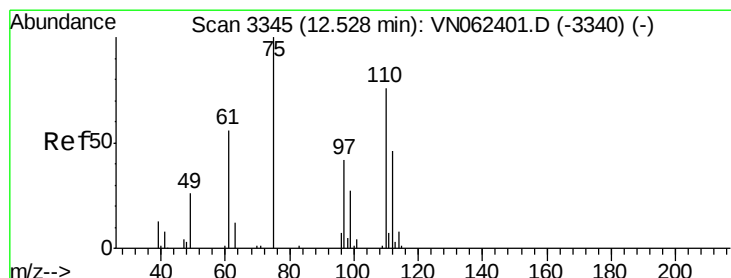
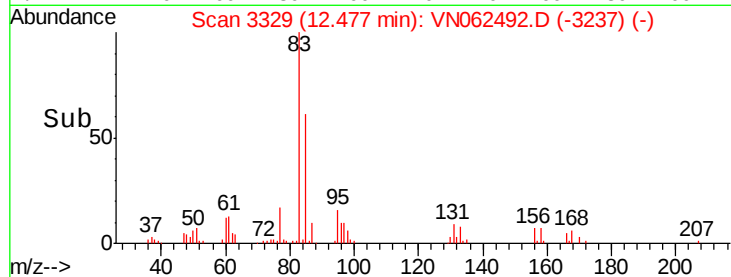
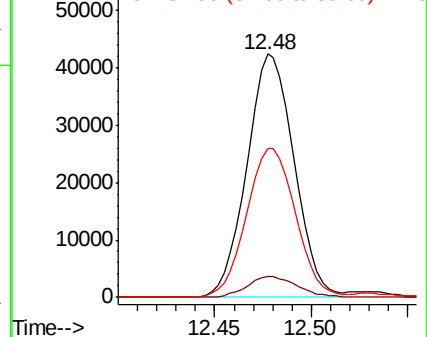
83 100

131 9.0 4.5 13.5

85 63.7 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 130.80 (130.50 to 131.50): VNO
Ion 84.90 (84.60 to 85.60): VNO



#76

1,2,3-Trichloropropane

Concen: 27.713 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN062492.D

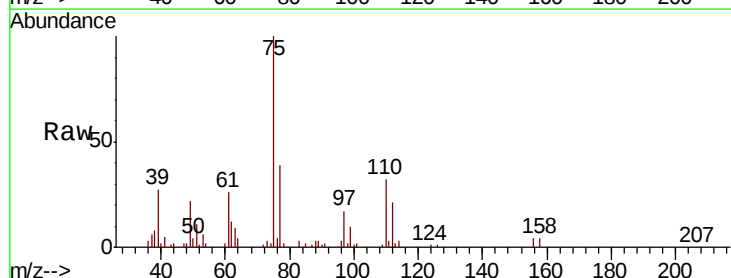
Acq: 10 Jul 2020 14:43

Tgt Ion: 75 Resp: 91211

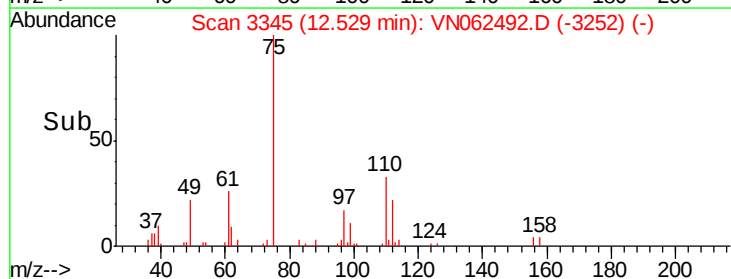
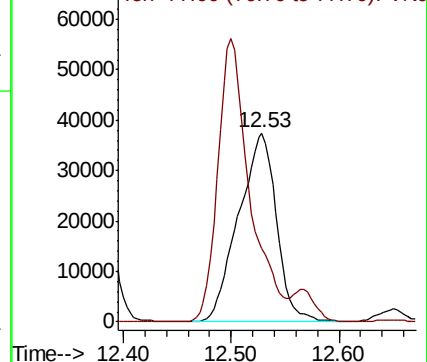
Ion Ratio Lower Upper

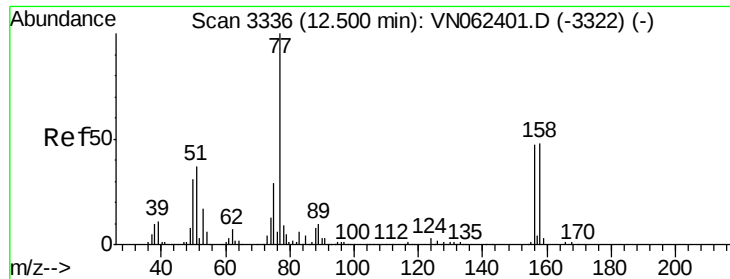
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNO
Ion 77.00 (76.70 to 77.70): VNO





#77

Bromobenzene

Concen: 19.799 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN062492.D

Acq: 10 Jul 2020 14:43

Instrument :

MSVOA_N

ClientSampled :

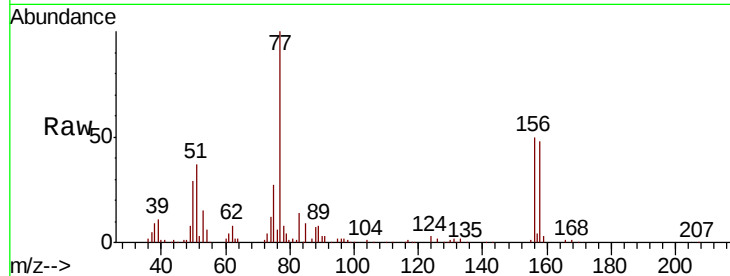
Tot Ion:156 Resp: 46721

Ion Ratio Lower Upper

156 100

77 247.6 126.4 379.3

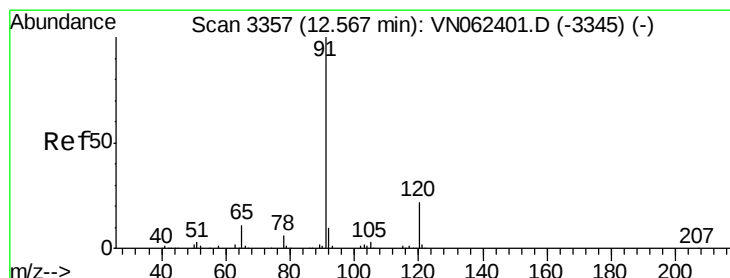
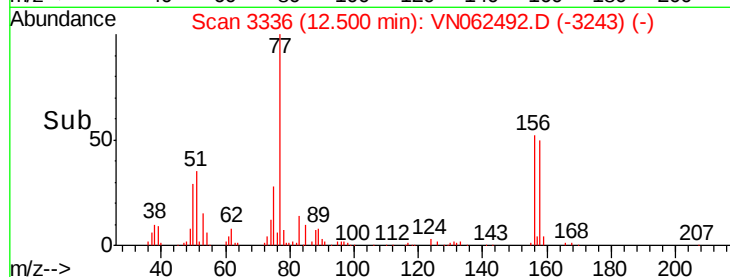
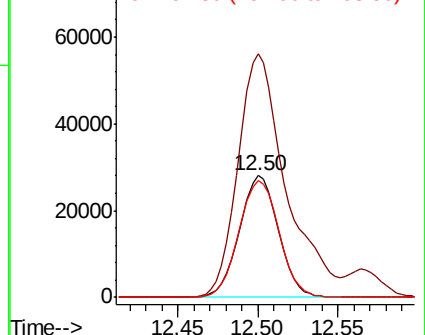
158 98.6 49.8 149.4



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: 19.219 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN062492.D

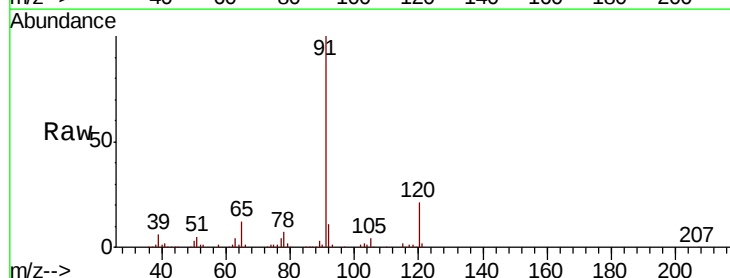
Acq: 10 Jul 2020 14:43

Tgt Ion: 91 Resp: 233022

Ion Ratio Lower Upper

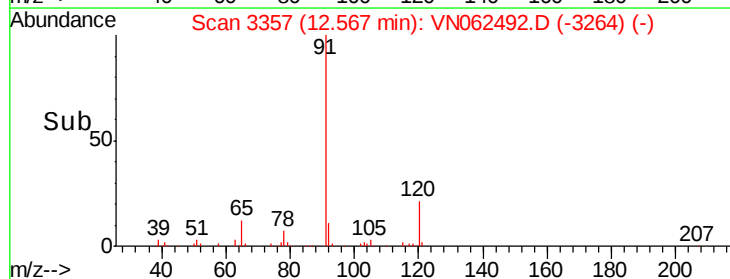
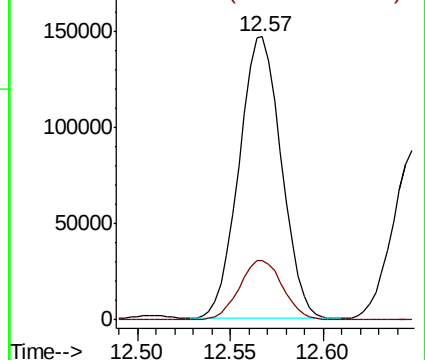
91 100

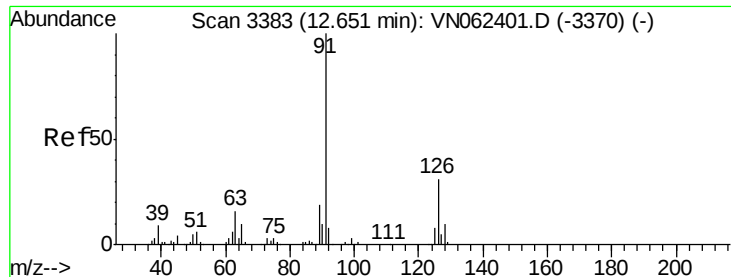
120 21.6 10.7 32.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

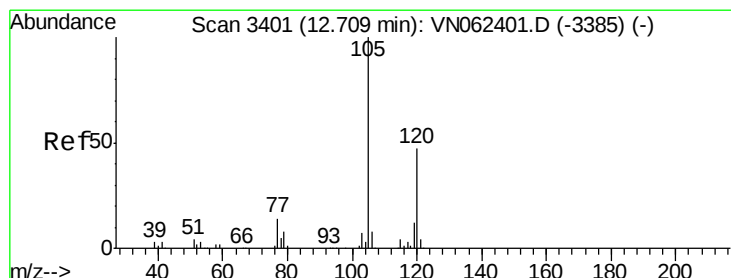
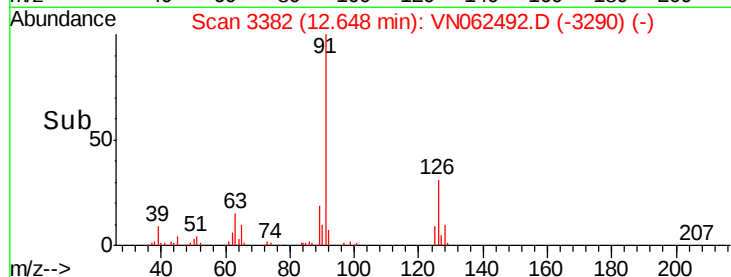
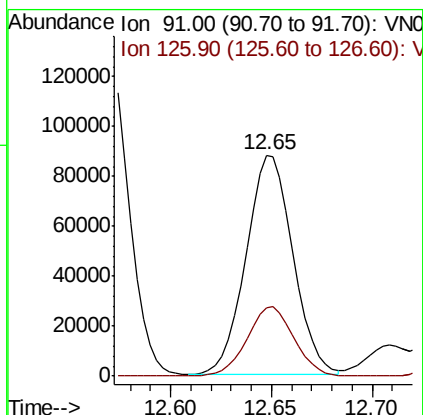
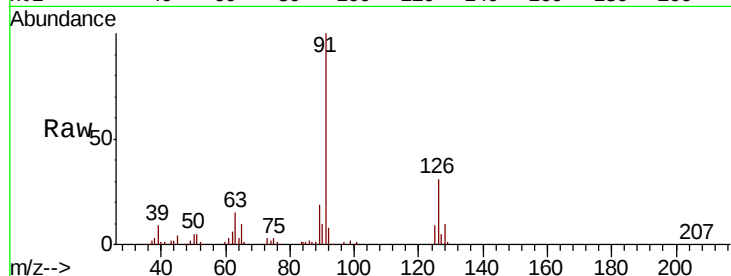




#79
 2-Chlorotoluene
 Concen: 19.459 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. -0.00 min
 Lab File: VN062492.D
 Acq: 10 Jul 2020 14:43

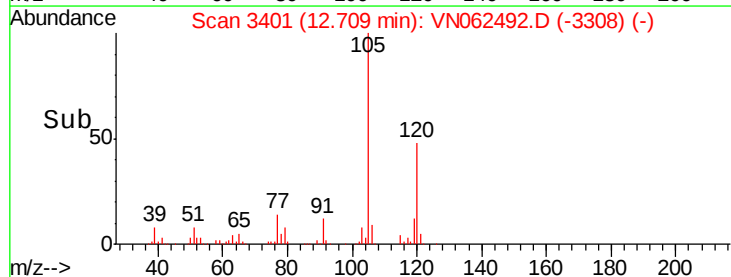
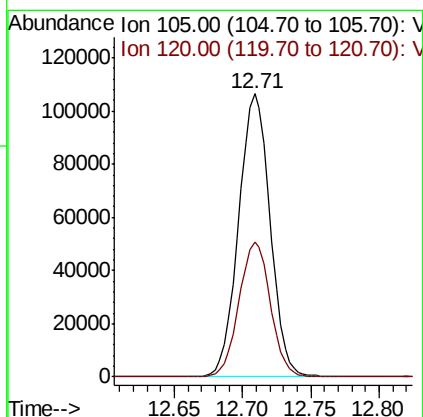
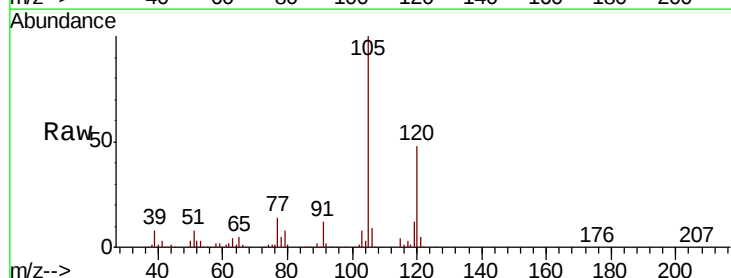
Instrument :
 MSVOA_N
 ClientSampled :

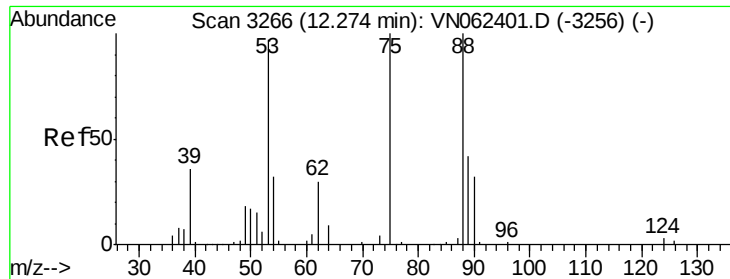
Tot Ion: 91 Resp: 143193
 Ion Ratio Lower Upper
 91 100
 126 31.7 15.6 46.7



#80
 1,3,5-Trimethylbenzene
 Concen: 20.039 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. 0.00 min
 Lab File: VN062492.D
 Acq: 10 Jul 2020 14:43

Tgt Ion: 105 Resp: 170512
 Ion Ratio Lower Upper
 105 100
 120 47.5 23.4 70.2





#81

trans-1,4-Dichloro-2-butene

Concen: 19.055 ug/l

RT: 12.28 min Scan# 3267

Delta R.T. 0.00 min

Lab File: VN062492.D

Acq: 10 Jul 2020 14:43

Instrument :

MSVOA_N

ClientSampleId :

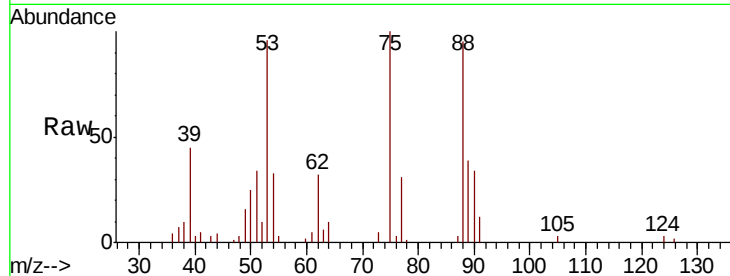
Tot Ion: 75 Resp: 23431

Ion Ratio Lower Upper

75 100

53 99.5 79.2 118.8

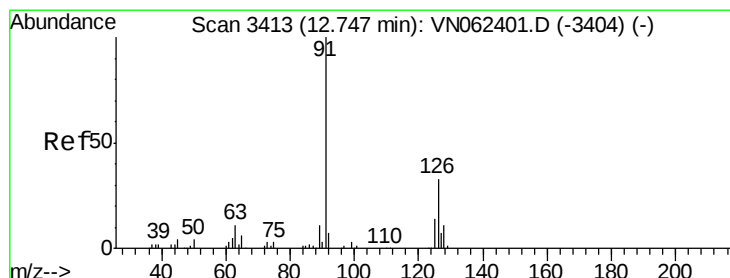
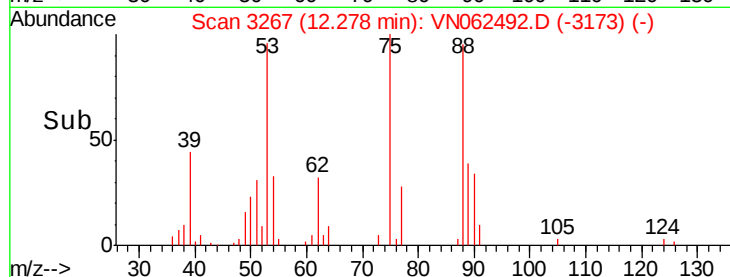
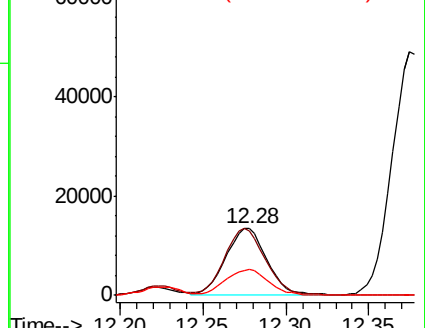
89 39.7 34.6 52.0



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: 19.672 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN062492.D

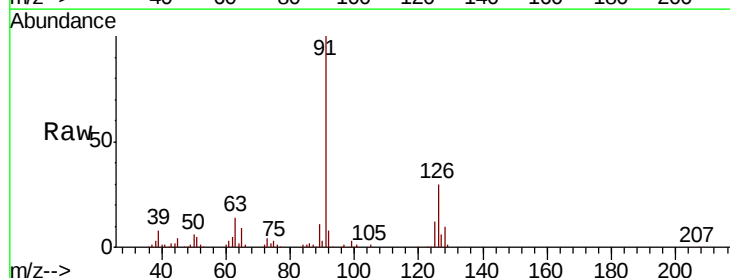
Acq: 10 Jul 2020 14:43

Tgt Ion: 91 Resp: 146966

Ion Ratio Lower Upper

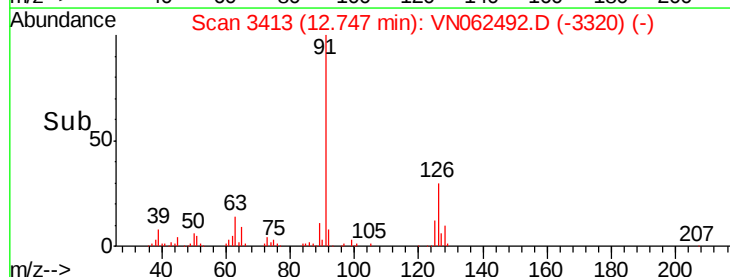
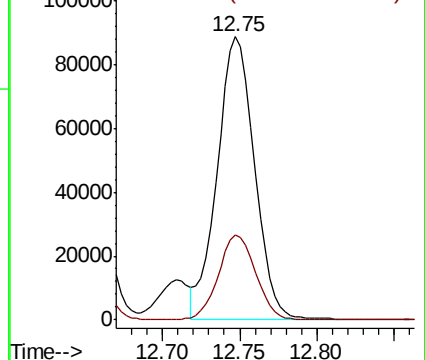
91 100

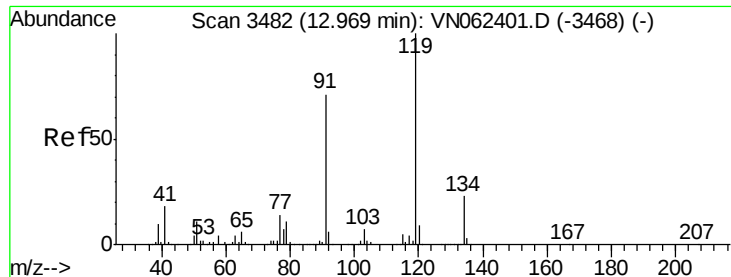
126 30.4 15.2 45.6



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

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

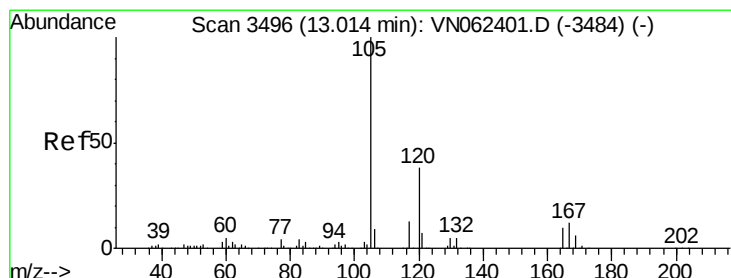
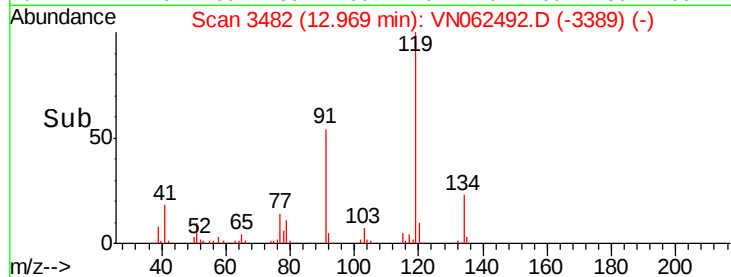
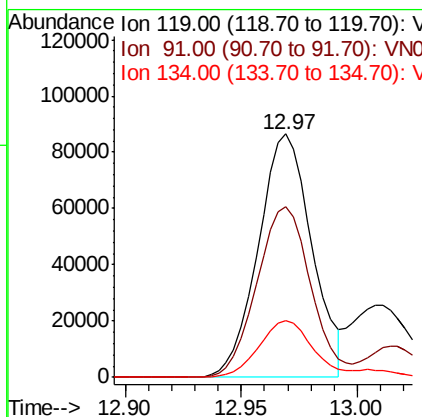
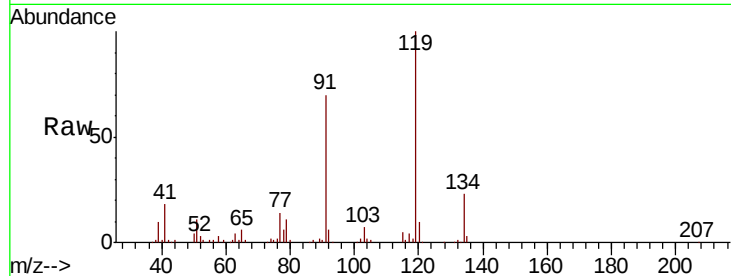




#83
 tert-Butylbenzene
 Concen: 19.277 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. 0.00 min
 Lab File: VN062492.D
 Acq: 10 Jul 2020 14:43

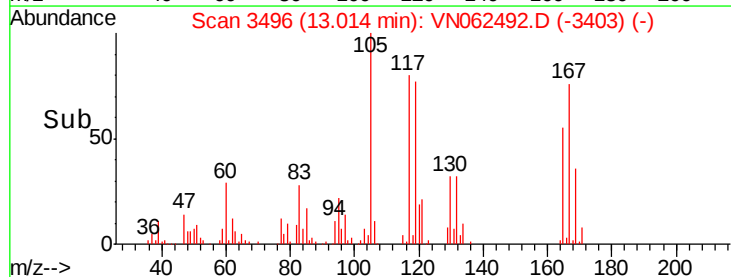
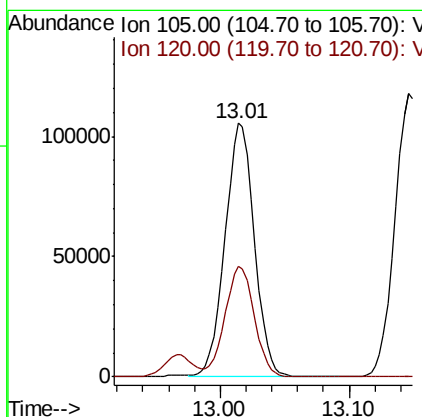
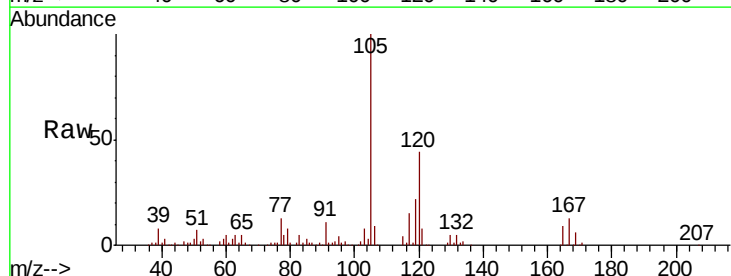
Instrument :
 MSVOA_N
 ClientSampleId :

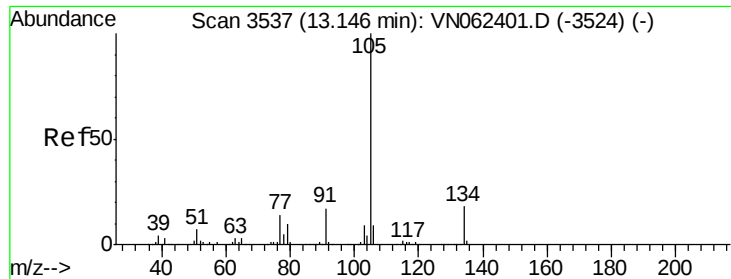
Tot Ion:119 Resp: 139199
 Ion Ratio Lower Upper
 119 100
 91 70.8 34.8 104.3
 134 23.6 11.7 35.0



#84
 1,2,4-Trimethylbenzene
 Concen: 19.687 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. 0.00 min
 Lab File: VN062492.D
 Acq: 10 Jul 2020 14:43

Tgt Ion:105 Resp: 166515
 Ion Ratio Lower Upper
 105 100
 120 43.7 21.6 64.8





#85

sec-Butylbenzene

Concen: 19.750 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. 0.00 min

Lab File: VN062492.D

Acq: 10 Jul 2020 14:43

Instrument :

MSVOA_N

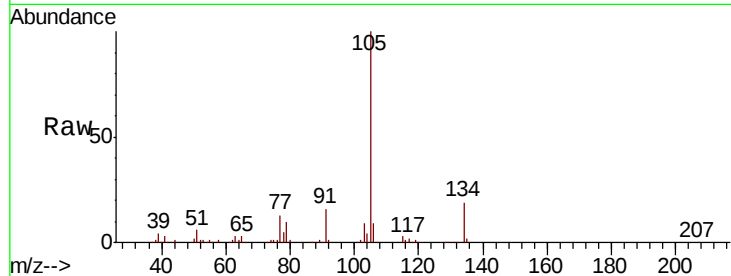
ClientSampleId :

Tot Ion:105 Resp: 188986

Ion Ratio Lower Upper

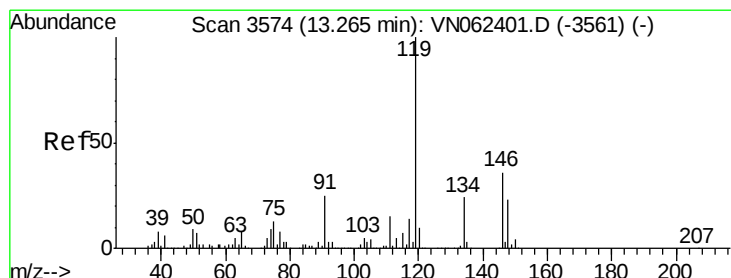
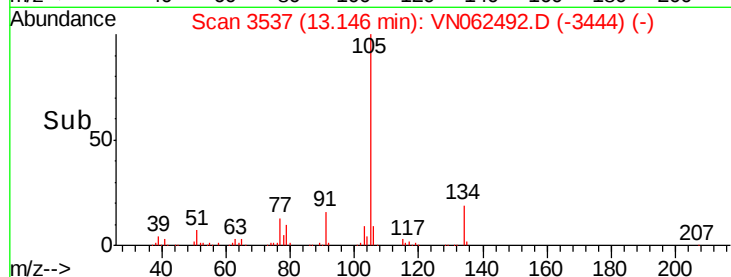
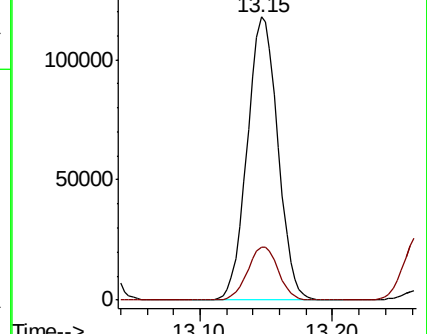
105 100

134 18.8 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: 19.902 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN062492.D

Acq: 10 Jul 2020 14:43

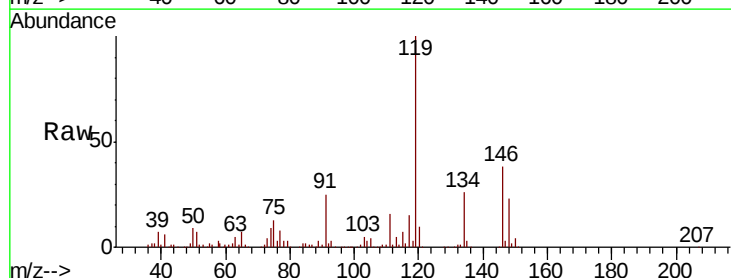
Tgt Ion:119 Resp: 164368

Ion Ratio Lower Upper

119 100

134 24.9 12.4 37.0

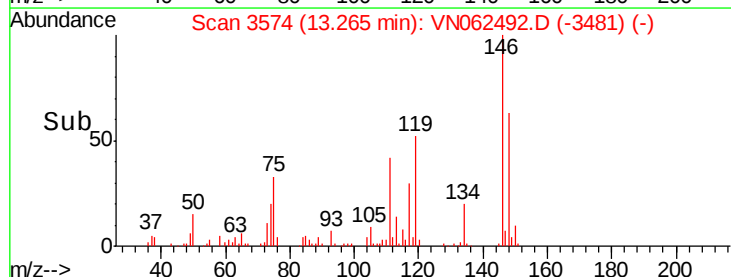
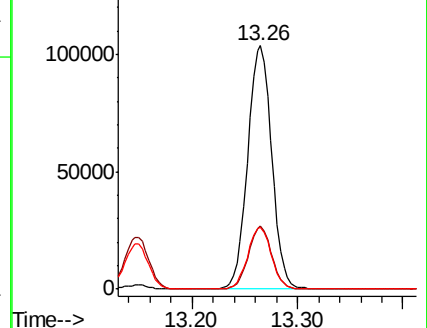
91 25.0 12.4 37.4

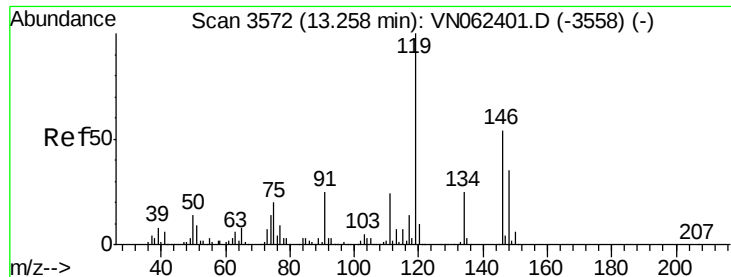


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 19.706 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. 0.00 min

Lab File: VN062492.D

Acq: 10 Jul 2020 14:43

Instrument :

MSVOA_N

ClientSampled :

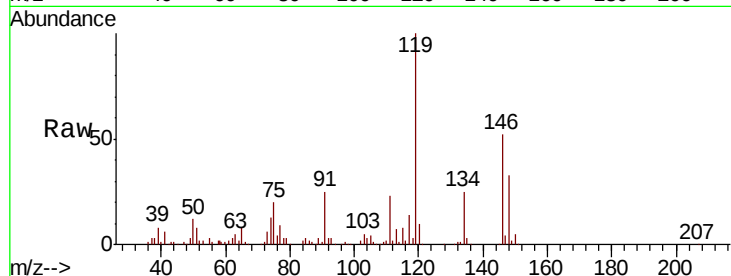
Tot Ion:146 Resp: 80220

Ion Ratio Lower Upper

146 100

111 43.0 21.6 64.6

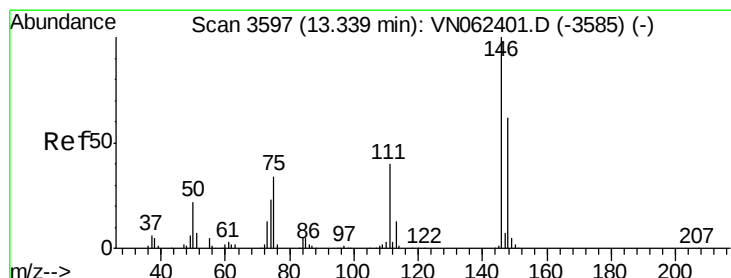
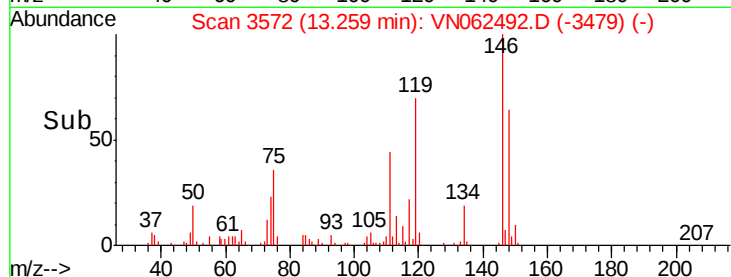
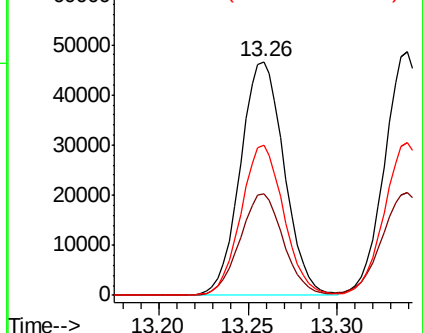
148 62.8 32.2 96.6



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: 19.306 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN062492.D

Acq: 10 Jul 2020 14:43

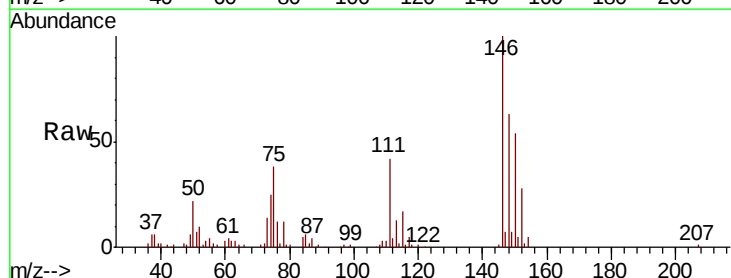
Tgt Ion:146 Resp: 80870

Ion Ratio Lower Upper

146 100

111 44.6 21.1 63.1

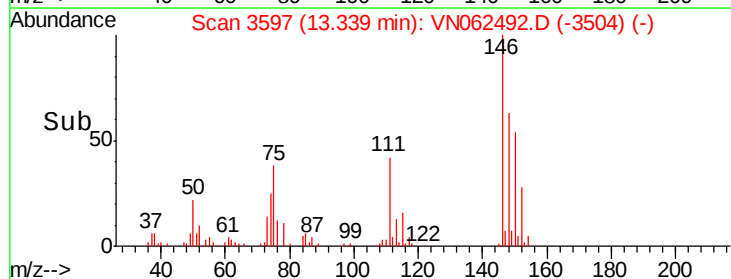
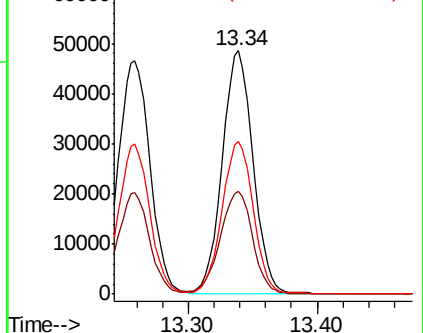
148 63.6 31.4 94.2

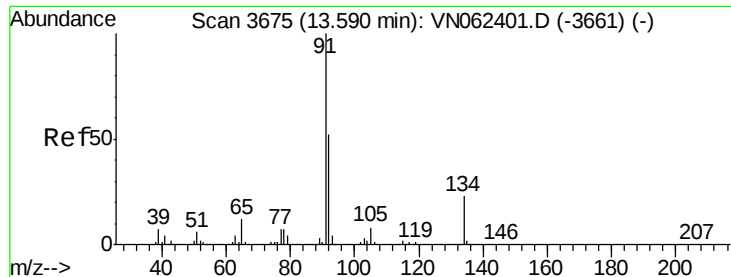


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 18.243 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. 0.00 min

Lab File: VN062492.D

Acq: 10 Jul 2020 14:43

Instrument :

MSVOA_N

ClientSampled :

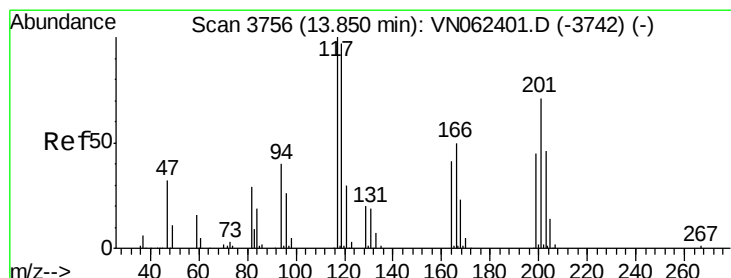
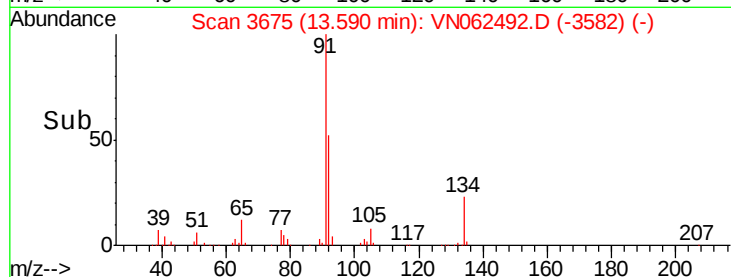
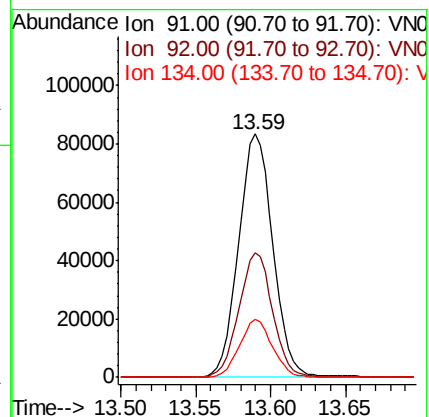
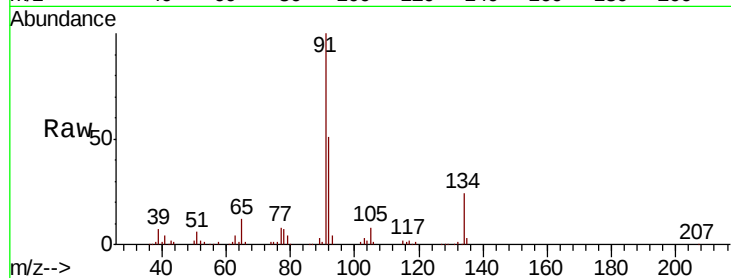
Tot Ion: 91 Resp: 133028

Ion Ratio Lower Upper

91 100

92 50.5 25.9 77.7

134 22.9 11.6 34.8



#90

Hexachloroethane

Concen: 19.076 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. 0.00 min

Lab File: VN062492.D

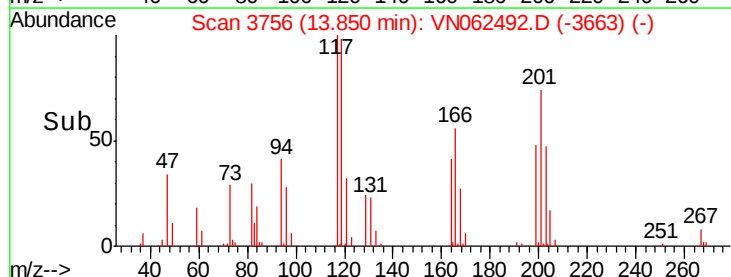
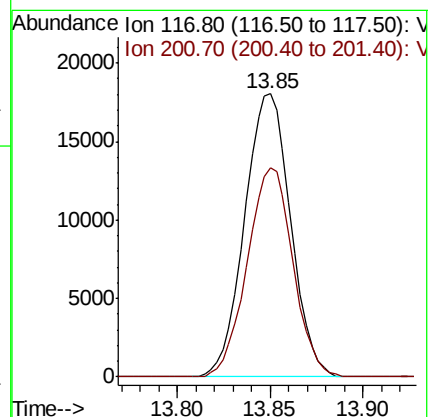
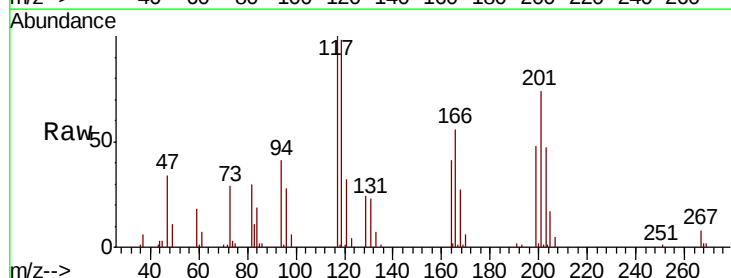
Acq: 10 Jul 2020 14:43

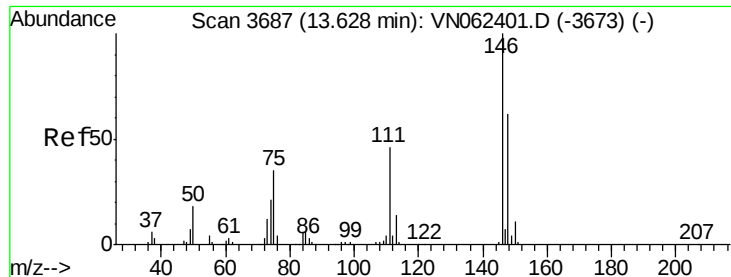
Tgt Ion: 117 Resp: 30990

Ion Ratio Lower Upper

117 100

201 73.3 35.4 106.2





#91

1,2-Dichlorobenzene

Concen: 20.198 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. 0.00 min

Lab File: VN062492.D

Acq: 10 Jul 2020 14:43

Instrument :

MSVOA_N

ClientSampleId :

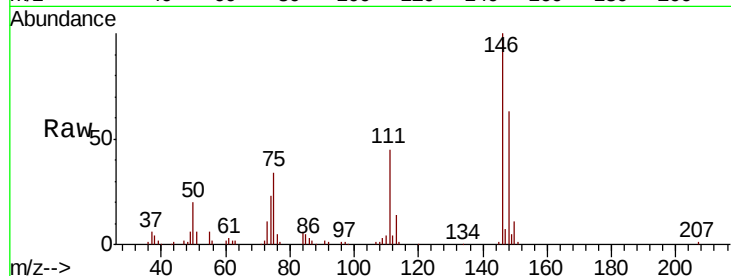
Tot Ion:146 Resp: 79502

Ion Ratio Lower Upper

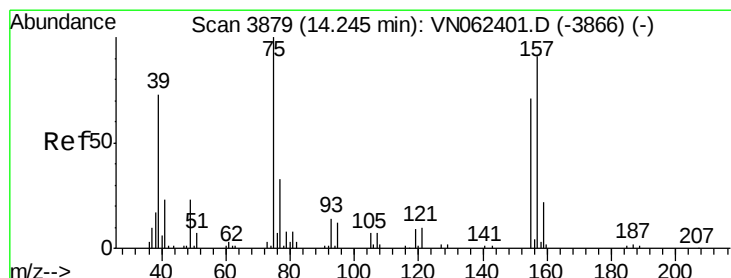
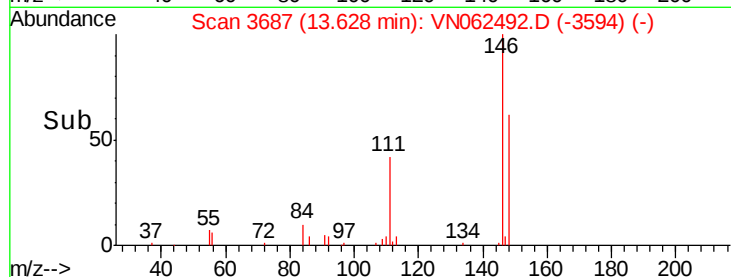
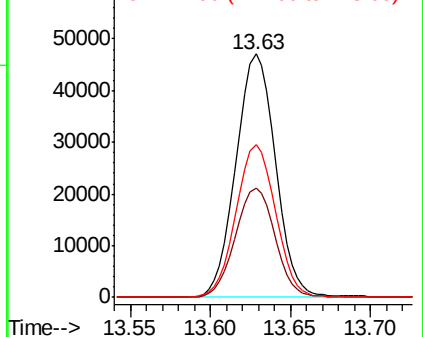
146 100

111 44.9 22.5 67.5

148 62.8 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: 19.664 ug/l

RT: 14.25 min Scan# 3879

Delta R.T. 0.00 min

Lab File: VN062492.D

Acq: 10 Jul 2020 14:43

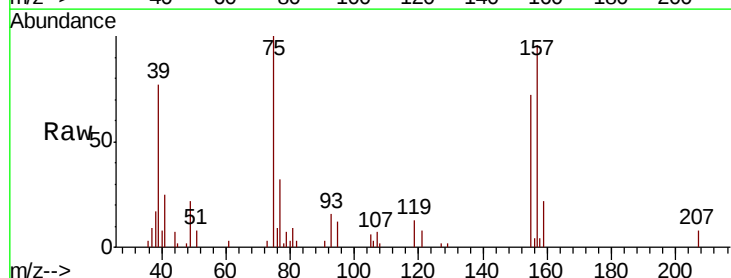
Tgt Ion: 75 Resp: 12524

Ion Ratio Lower Upper

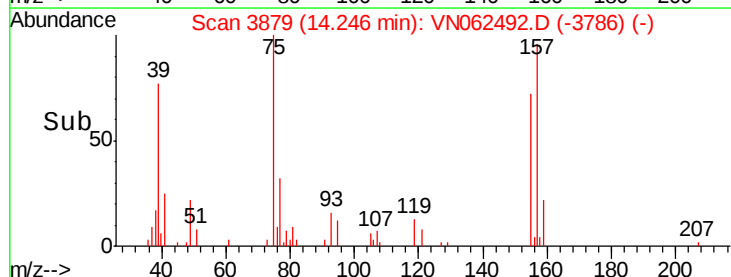
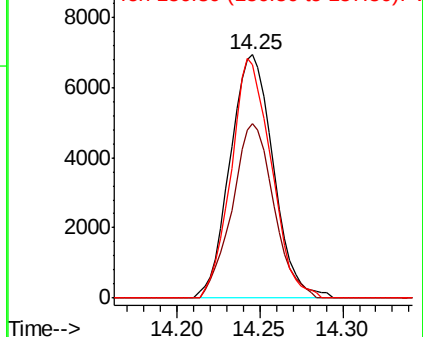
75 100

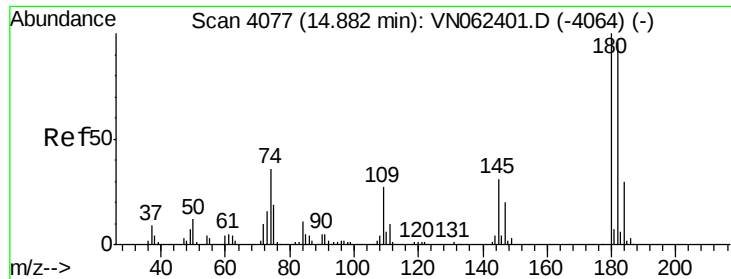
155 69.2 35.2 105.6

157 91.9 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

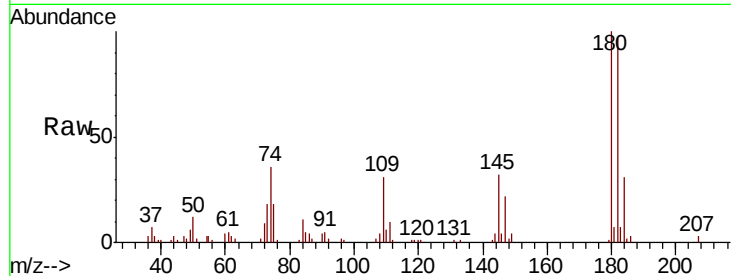




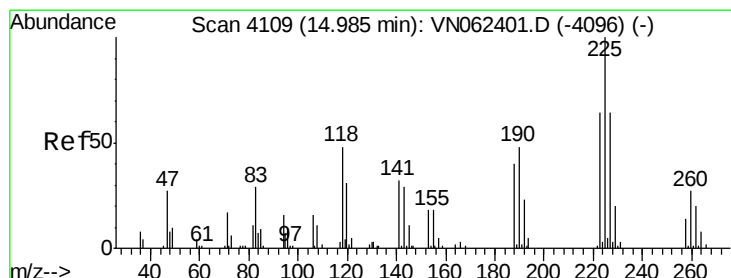
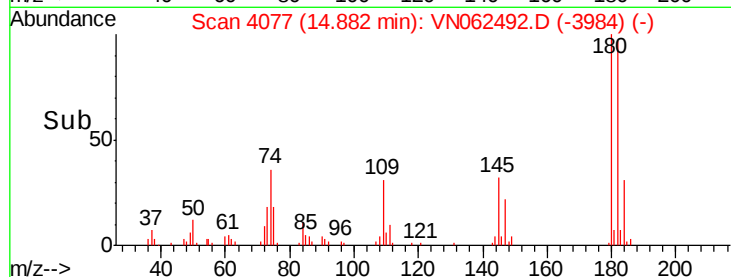
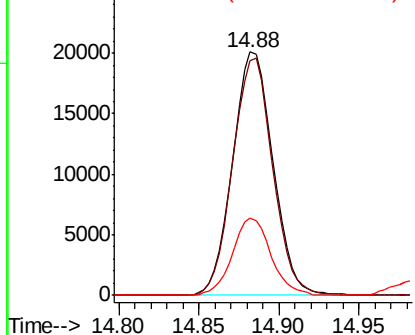
#93
 1,2,4-Trichlorobenzene
 Concen: 18.609 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062492.D
 Acq: 10 Jul 2020 14:43

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:180 Resp: 34544
 Ion Ratio Lower Upper
 180 100
 182 96.5 48.4 145.2
 145 30.1 15.5 46.5

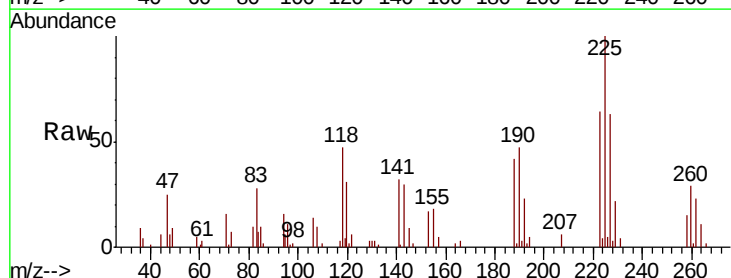


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

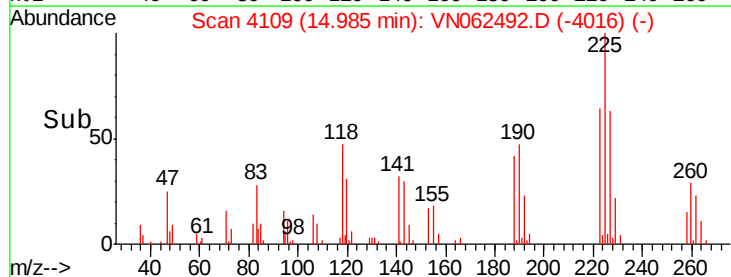
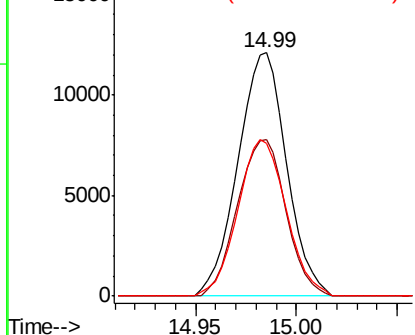


#94
 Hexachlorobutadiene
 Concen: 19.568 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN062492.D
 Acq: 10 Jul 2020 14:43

Tgt Ion:225 Resp: 20450
 Ion Ratio Lower Upper
 225 100
 223 63.9 32.3 96.8
 227 63.9 31.9 95.7



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





#95

Naphthalene

Concen: 19.355 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN062492.D

Acq: 10 Jul 2020 14:43

Instrument :

MSVOA_N

ClientSampleId :

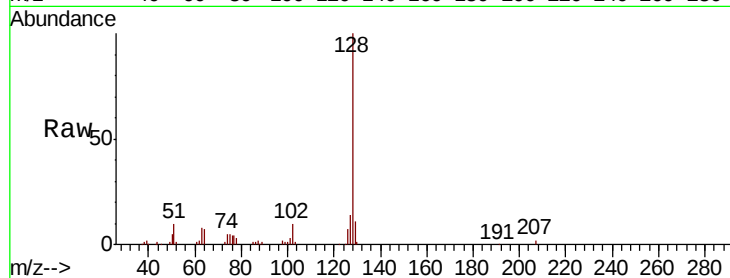
Tot Ion:128 Resp: 92116

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.2

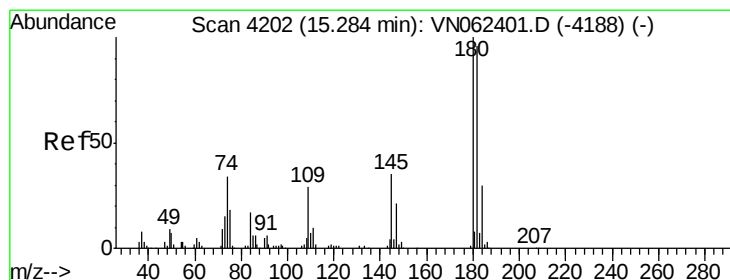
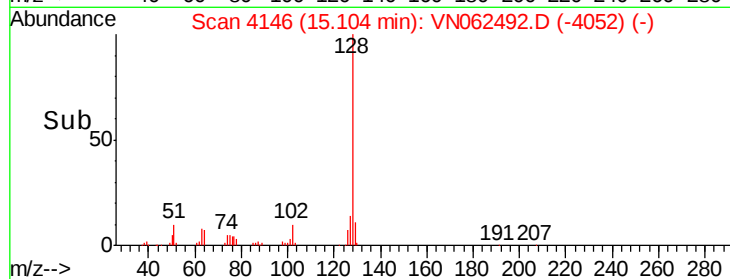
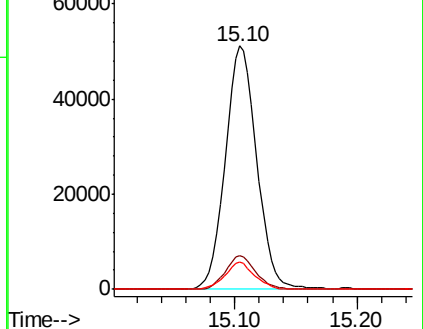
129 10.4 8.6 12.8



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



#96

1,2,3-Trichlorobenzene

Concen: 19.292 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. 0.00 min

Lab File: VN062492.D

Acq: 10 Jul 2020 14:43

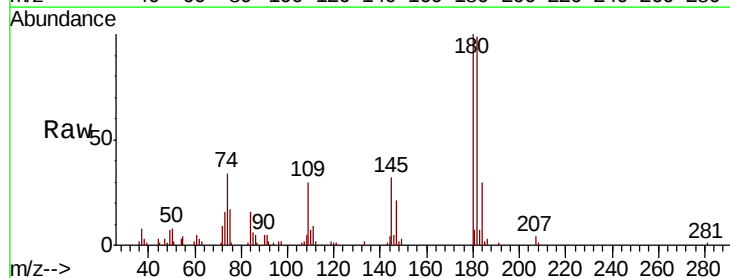
Tgt Ion:180 Resp: 36408

Ion Ratio Lower Upper

180 100

182 95.7 47.8 143.4

145 31.8 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

