

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072820\
 Data File : VN062631.D
 Acq On : 28 Jul 2020 13:46
 Operator : JC/MD
 Sample : VN0728MBS01
 Misc : 5.00µg/10µL/100µL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 29 04:23:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	174713	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	288000	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	268208	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	126582	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	133722	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	
35) Dibromofluoromethane	7.55	113	90597	47.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.78%	
50) Toluene-d8	10.06	98	358039	47.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.88%	
62) 4-Bromofluorobenzene	12.38	95	131407	47.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	39551	18.978	ug/l	99
3) Chloromethane	2.03	50	48051	17.000	ug/l	94
4) Vinyl Chloride	2.16	62	42611	17.390	ug/l	98
5) Bromomethane	2.52	94	22190	20.446	ug/l	96
6) Chloroethane	2.66	64	20536	18.528	ug/l	96
7) Trichlorofluoromethane	2.98	101	58306	20.267	ug/l	100
8) Diethyl Ether	3.37	74	25885	19.240	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	35866	19.444	ug/l	99
10) Methyl Iodide	3.91	142	38131	16.170	ug/l	95
11) Tert butyl alcohol	4.73	59	41970	97.207	ug/l	98
12) 1,1-Dichloroethene	3.70	96	35409	18.928	ug/l	93
13) Acrolein	3.56	56	32567	78.323	ug/l	98
14) Allyl chloride	4.27	41	71648	17.706	ug/l	96
15) Acrylonitrile	4.93	53	111895	96.757	ug/l	99
16) Acetone	3.78	43	96680	94.661	ug/l	96
17) Carbon Disulfide	4.01	76	106645	17.350	ug/l	98
18) Methyl Acetate	4.28	43	55776	21.572	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	135358	19.659	ug/l	99
20) Methylene Chloride	4.50	84	43997	17.961	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	36616	17.635	ug/l	98
22) Diisopropyl ether	5.90	45	150378	18.696	ug/l	97
23) Vinyl Acetate	5.84	43	632248	95.930	ug/l	98
24) 1,1-Dichloroethane	5.79	63	82332	19.008	ug/l	98
25) 2-Butanone	6.79	43	151413	97.343	ug/l	99
26) 2,2-Dichloropropane	6.77	77	66640	18.742	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	44656	18.848	ug/l	99
28) Bromochloromethane	7.15	49	41811	19.615	ug/l	97
29) Tetrahydrofuran	7.17	42	103706	98.532	ug/l	99
30) Chloroform	7.33	83	80414	19.526	ug/l	96
31) Cyclohexane	7.61	56	71144	17.790	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	69076	20.090	ug/l	99
36) 1,1-Dichloropropene	7.75	75	57284	18.661	ug/l	99
37) Ethyl Acetate	6.88	43	66211	20.009	ug/l	99
38) Carbon Tetrachloride	7.73	117	60704	20.573	ug/l	98

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	61539	18.623	ug/l	99
40) Benzene	8.00	78	173339	18.651	ug/l	100
41) Methacrylonitrile	7.16	41	92125	64.959	ug/l #	14
42) 1,2-Dichloroethane	8.09	62	68973	20.300	ug/l	98
43) Isopropyl Acetate	8.12	43	105987	19.868	ug/l	99
44) Trichloroethene	8.80	130	38597	18.416	ug/l	100
45) 1,2-Dichloropropane	9.09	63	48869	18.728	ug/l	99
46) Dibromomethane	9.18	93	29771	19.740	ug/l	97
47) Bromodichloromethane	9.37	83	65425	20.024	ug/l	97
48) Methyl methacrylate	9.17	41	49260	19.426	ug/l	99
49) 1,4-Dioxane	9.17	88	15426	396.076	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	319681	100.157	ug/l	100
52) Toluene	10.12	92	103307	19.143	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	70990	19.517	ug/l	95
54) cis-1,3-Dichloropropene	9.81	75	76190	19.521	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	41911	20.022	ug/l	99
56) Ethyl methacrylate	10.40	69	67822	19.175	ug/l	100
57) 1,3-Dichloropropane	10.68	76	75617	19.718	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	95634	95.478	ug/l	100
59) 2-Hexanone	10.72	43	229582	94.865	ug/l	99
60) Dibromochloromethane	10.87	129	46061	19.725	ug/l	97
61) 1,2-Dibromoethane	10.98	107	42270	19.393	ug/l	98
64) Tetrachloroethene	10.60	164	33419	19.177	ug/l	99
65) Chlorobenzene	11.41	112	108932	19.373	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	40908	19.339	ug/l	98
67) Ethyl Benzene	11.48	91	196027	19.014	ug/l	99
68) m/p-Xylenes	11.59	106	144084	38.884	ug/l	99
69) o-Xylene	11.92	106	69670	19.800	ug/l	98
70) Styrene	11.94	104	117011	19.685	ug/l	98
71) Bromoform	12.10	173	32100	20.211	ug/l #	99
73) Isopropylbenzene	12.22	105	189404	18.923	ug/l	99
74) N-amyl acetate	12.05	43	86864	19.433	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	64375	18.509	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	85123	26.420	ug/l #	100
77) Bromobenzene	12.50	156	44642	18.560	ug/l	96
78) n-propylbenzene	12.57	91	221558	18.898	ug/l	98
79) 2-Chlorotoluene	12.65	91	133930	18.536	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	163469	19.689	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	21879	18.903	ug/l	96
82) 4-Chlorotoluene	12.75	91	139149	18.502	ug/l	99
83) tert-Butylbenzene	12.97	119	135309	19.627	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	159640	19.601	ug/l	97
85) sec-Butylbenzene	13.15	105	178879	19.381	ug/l	100
86) p-Isopropyltoluene	13.27	119	158364	19.950	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	78209	18.528	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	77381	18.623	ug/l	99
89) n-Butylbenzene	13.59	91	124421	18.241	ug/l	99
90) Hexachloroethane	13.85	117	31582	18.689	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	75556	18.720	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.25	75	12961	20.525	ug/l	96

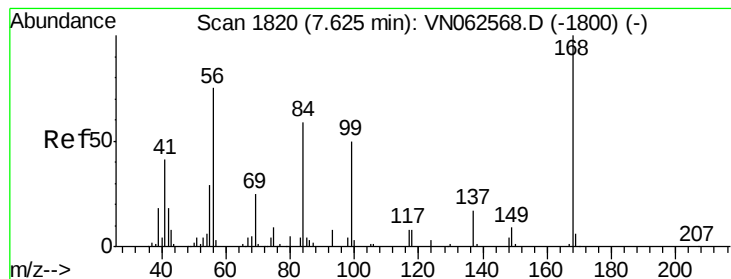
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072820\
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Instrument :
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ClientSampleId :

Quant Time: Jul 29 04:23:49 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 21 18:48:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	30647	16.649	ug/l	98
94) Hexachlorobutadiene	14.98	225	22292	20.157	ug/l	99
95) Naphthalene	15.10	128	85179	17.755	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	31800	16.719	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN062631.D

Acq: 28 Jul 2020 13:46

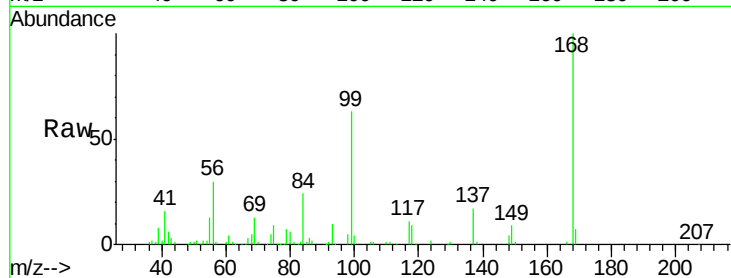
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 174713

Ion Ratio Lower Upper

168 100

99 62.7 48.4 72.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

80000

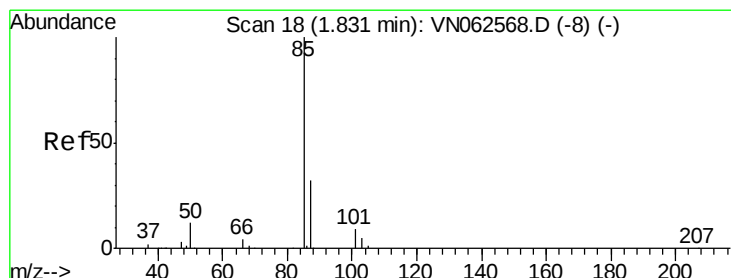
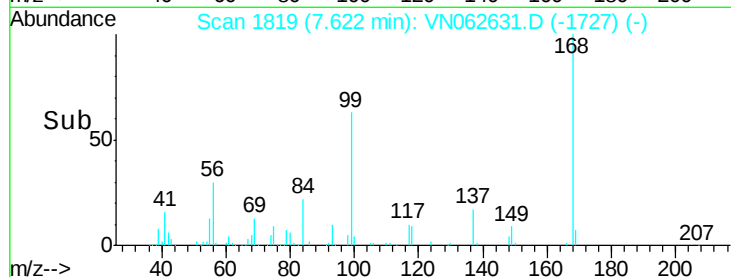
60000

40000

20000

0

Time--> 7.50 7.55 7.60 7.65 7.70



#2

Dichlorodifluoromethane

Concen: 18.978 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN062631.D

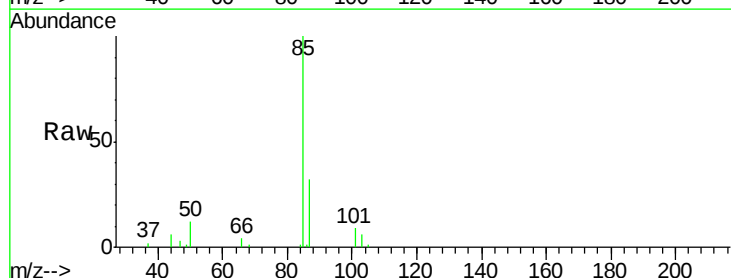
Acq: 28 Jul 2020 13:46

Tgt Ion: 85 Resp: 39551

Ion Ratio Lower Upper

85 100

87 32.3 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

30000

25000

20000

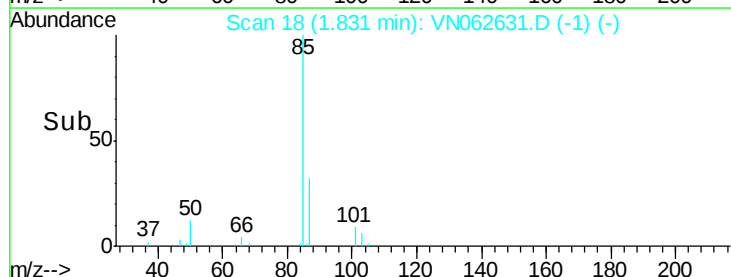
15000

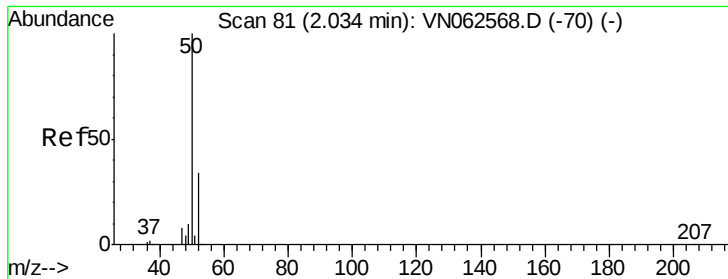
10000

5000

0

Time--> 1.80 1.85 1.90





#3

Chloromethane

Concen: 17.000 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN062631.D

Acq: 28 Jul 2020 13:46

Instrument :

MSVOA_N

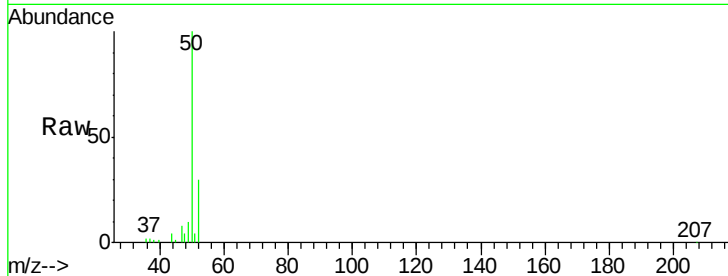
ClientSampleId :

Tot Ion: 50 Resp: 48051

Ion Ratio Lower Upper

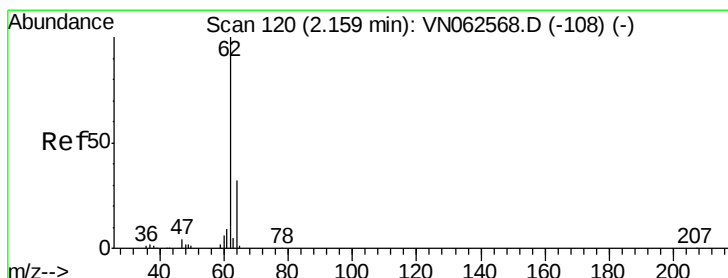
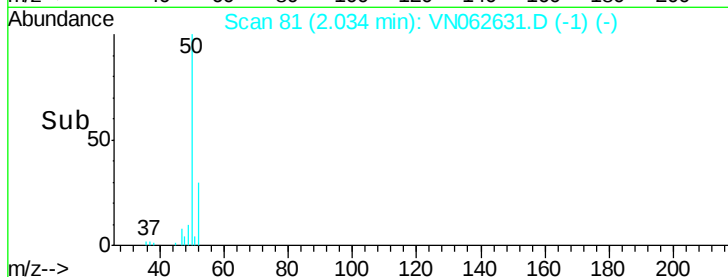
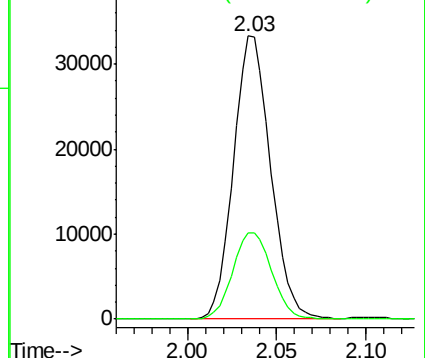
50 100

52 30.4 27.0 40.4



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 17.390 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN062631.D

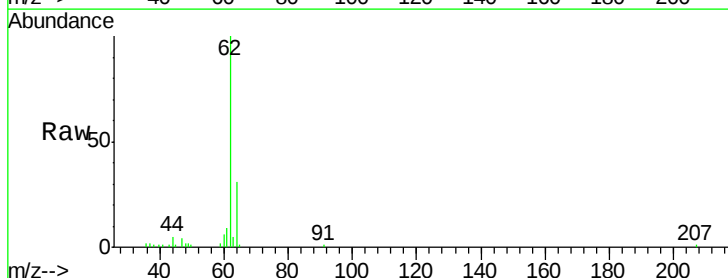
Acq: 28 Jul 2020 13:46

Tgt Ion: 62 Resp: 42611

Ion Ratio Lower Upper

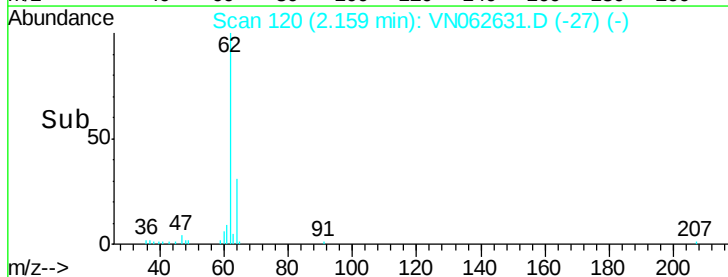
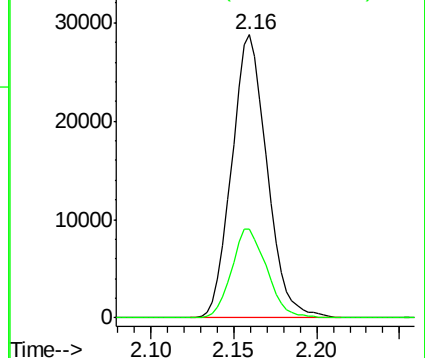
62 100

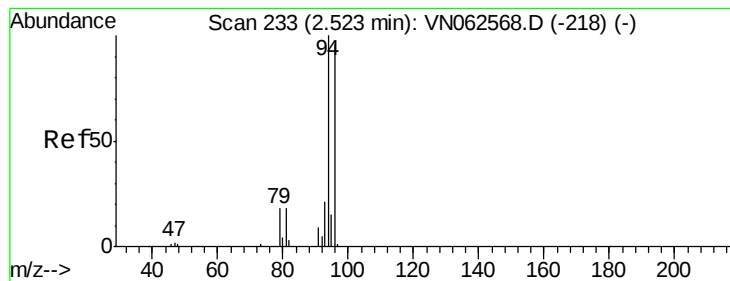
64 31.2 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 20.446 ug/l

RT: 2.52 min Scan# 232

Delta R.T. -0.00 min

Lab File: VN062631.D

Acq: 28 Jul 2020 13:46

Instrument :

MSVOA_N

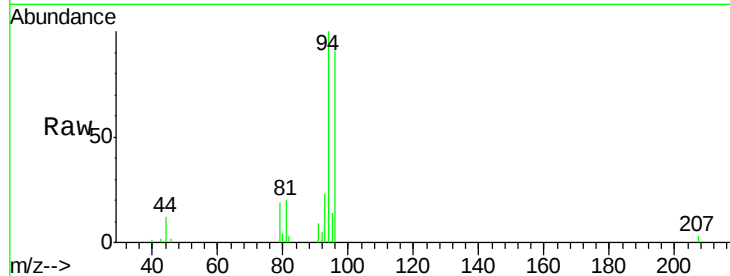
ClientSampleId :

Tot Ion: 94 Resp: 22190

Ion Ratio Lower Upper

94 100

96 91.5 76.6 114.8



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0

2.52

12000

10000

8000

6000

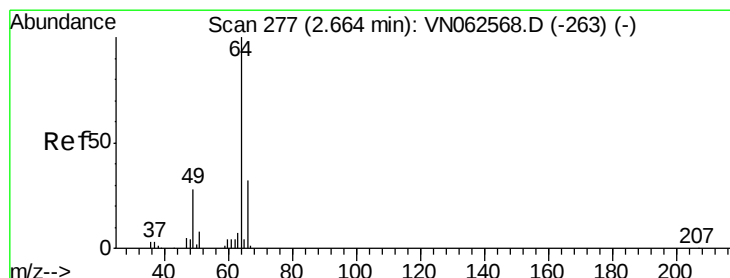
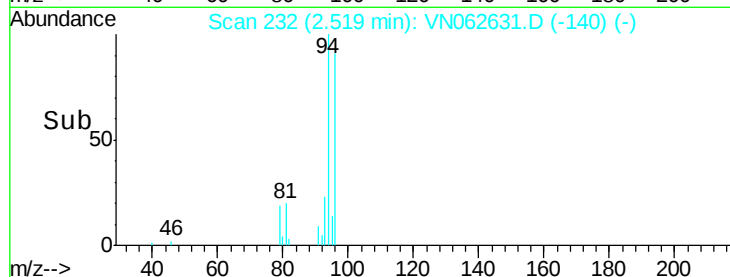
4000

2000

0

Time-->

2.45 2.50 2.55 2.60



#6

Chloroethane

Concen: 18.528 ug/l

RT: 2.66 min Scan# 277

Delta R.T. 0.00 min

Lab File: VN062631.D

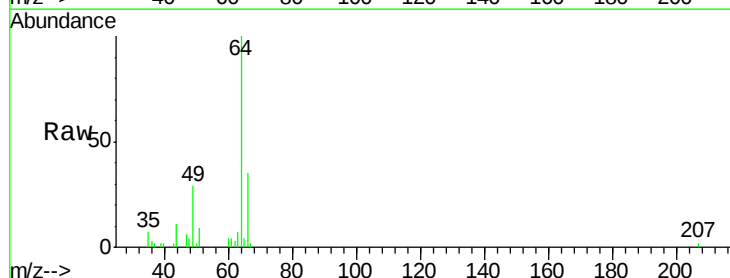
Acq: 28 Jul 2020 13:46

Tgt Ion: 64 Resp: 20536

Ion Ratio Lower Upper

64 100

66 34.7 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0

2.66

12000

10000

8000

6000

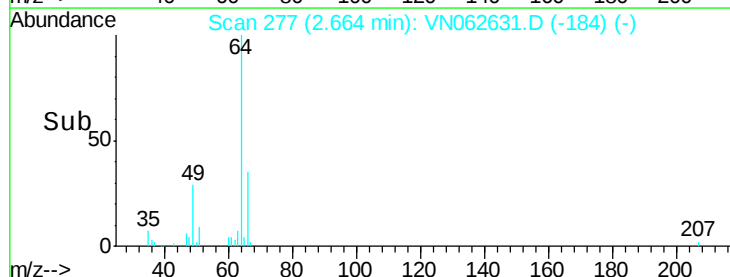
4000

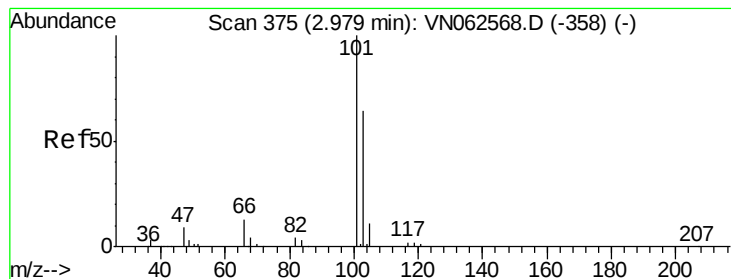
2000

0

Time-->

2.60 2.65 2.70 2.75



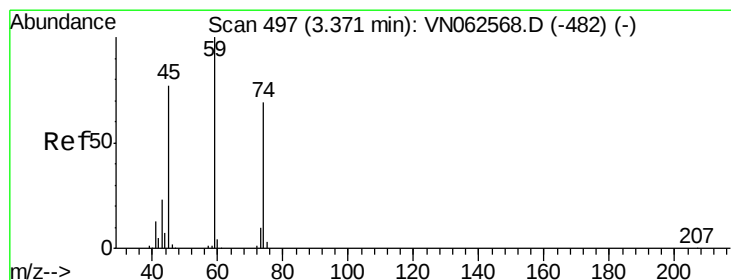
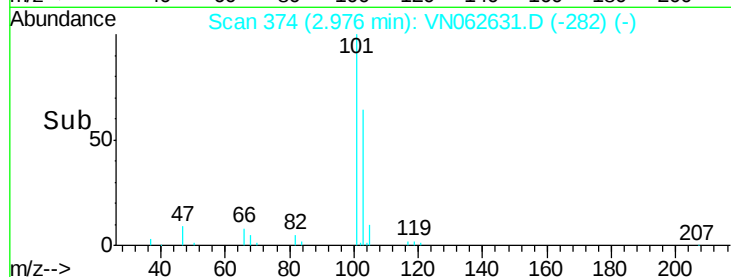
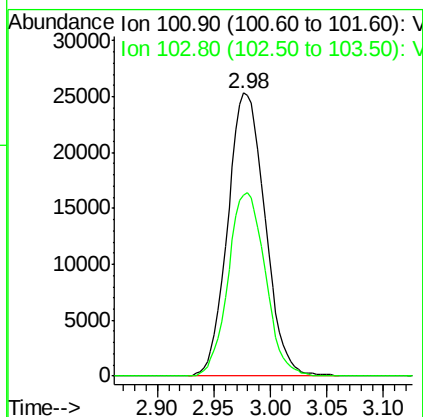
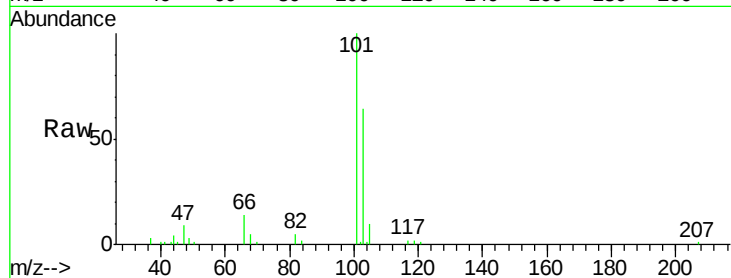


#7

Trichlorofluoromethane
Concen: 20.267 ug/l
RT: 2.98 min Scan# 374
Delta R.T. -0.00 min
Lab File: VN062631.D
Acq: 28 Jul 2020 13:46

Instrument :
MSVOA_N
ClientSampled :

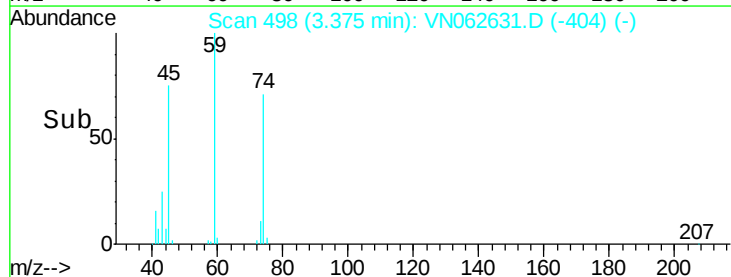
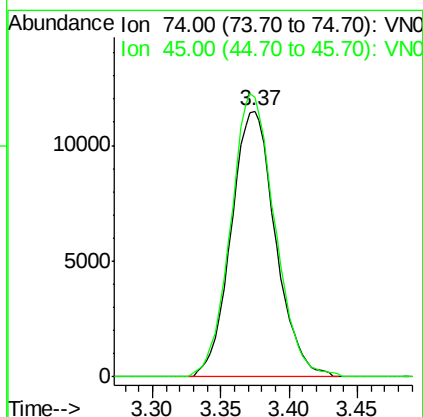
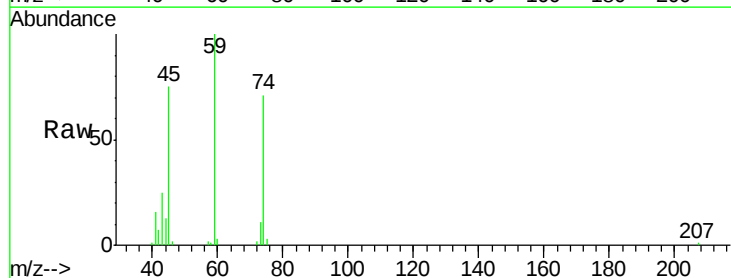
Tot Ion:101 Resp: 58306
Ion Ratio Lower Upper
101 100
103 64.1 51.5 77.3

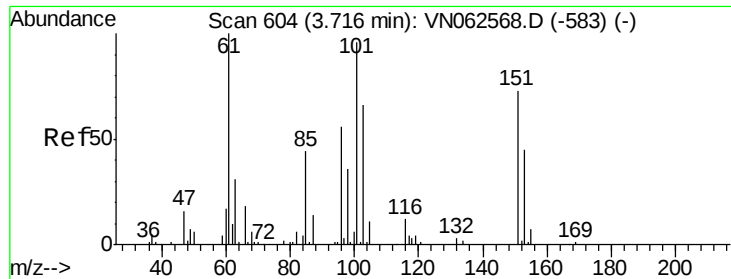


#8

Diethyl Ether
Concen: 19.240 ug/l
RT: 3.37 min Scan# 498
Delta R.T. 0.00 min
Lab File: VN062631.D
Acq: 28 Jul 2020 13:46

Tgt Ion: 74 Resp: 25885
Ion Ratio Lower Upper
74 100
45 106.6 55.3 165.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.444 ug/l

RT: 3.72 min Scan# 604

Delta R.T. 0.00 min

Lab File: VN062631.D

Acq: 28 Jul 2020 13:46

Instrument :

MSVOA_N

ClientSampled :

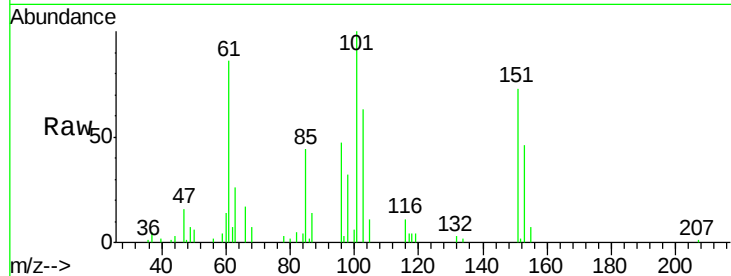
Tot Ion:101 Resp: 35866

Ion Ratio Lower Upper

101 100

85 45.7 36.0 54.0

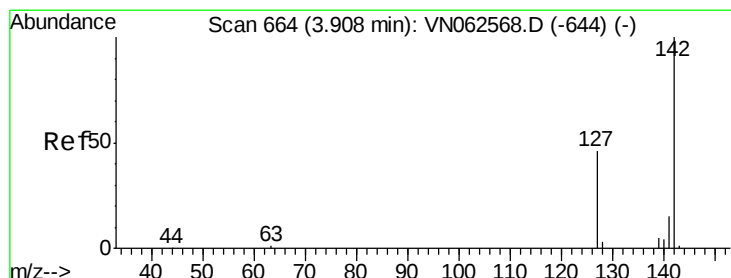
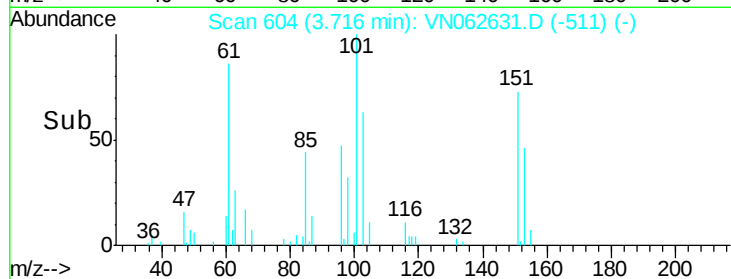
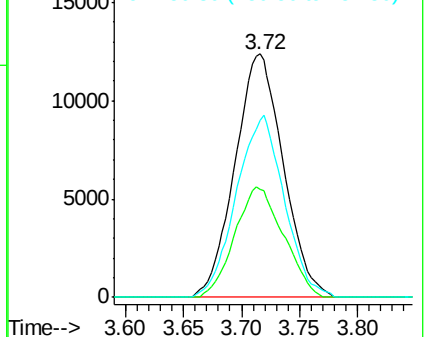
151 74.2 60.0 90.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.170 ug/l

RT: 3.91 min Scan# 663

Delta R.T. -0.00 min

Lab File: VN062631.D

Acq: 28 Jul 2020 13:46

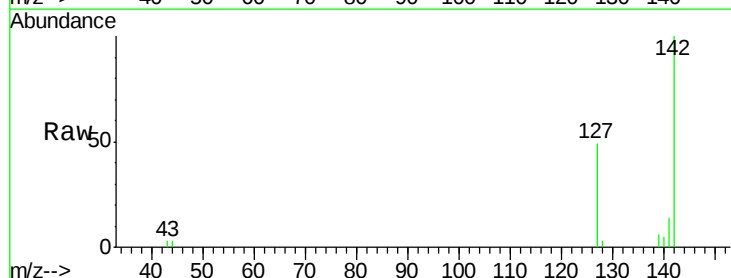
Tgt Ion:142 Resp: 38131

Ion Ratio Lower Upper

142 100

127 50.2 37.4 56.0

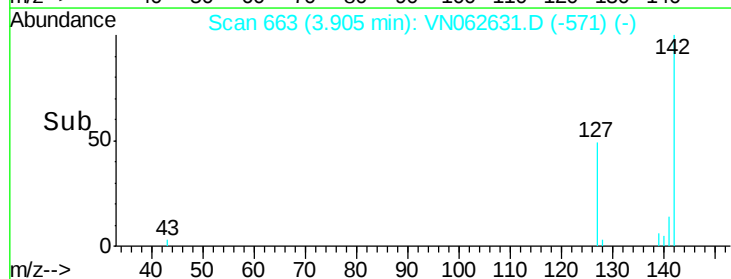
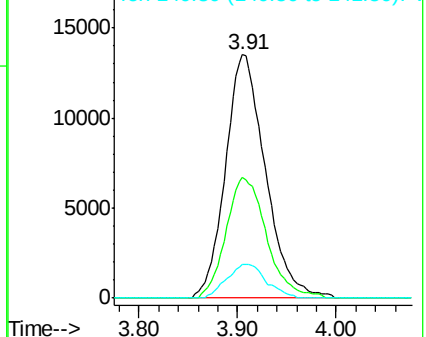
141 13.7 11.9 17.9

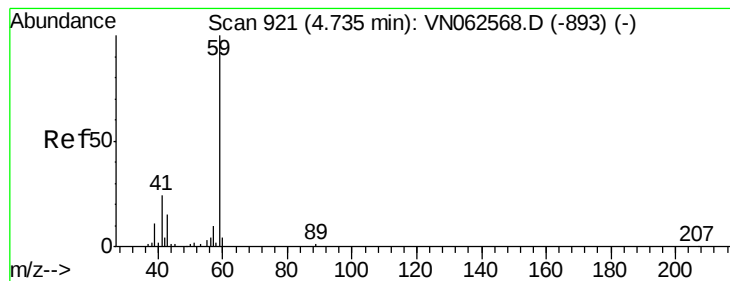


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 97.207 ug/l

RT: 4.73 min Scan# 921

Delta R.T. 0.00 min

Lab File: VN062631.D

Acq: 28 Jul 2020 13:46

Instrument :

MSVOA_N

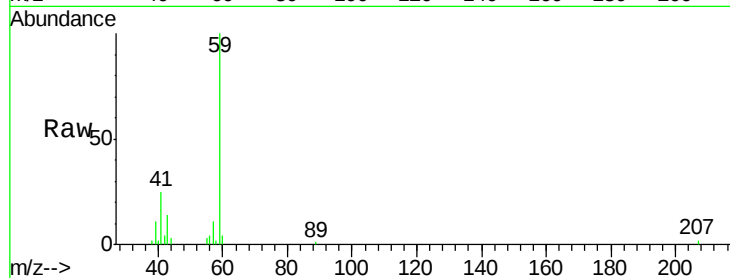
ClientSampled :

Tot Ion: 59 Resp: 41970

Ion Ratio Lower Upper

59 100

57 9.5 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VN062631.D (-828) (-)

Ion 57.00 (56.70 to 57.70): VN062631.D (-828) (-)

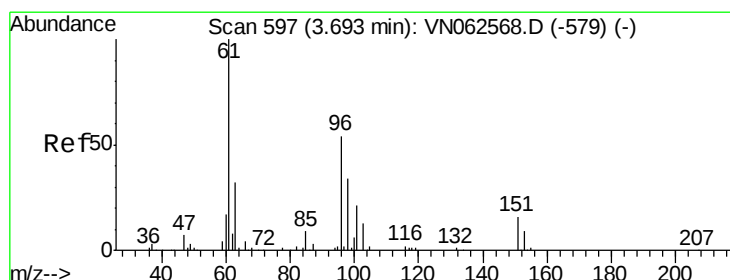
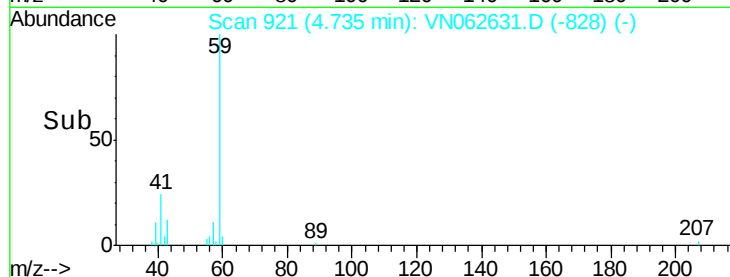
4.73

10000

5000

0

Time--> 4.60 4.70 4.80



#12

1,1-Dichloroethene

Concen: 18.928 ug/l

RT: 3.70 min Scan# 598

Delta R.T. 0.00 min

Lab File: VN062631.D

Acq: 28 Jul 2020 13:46

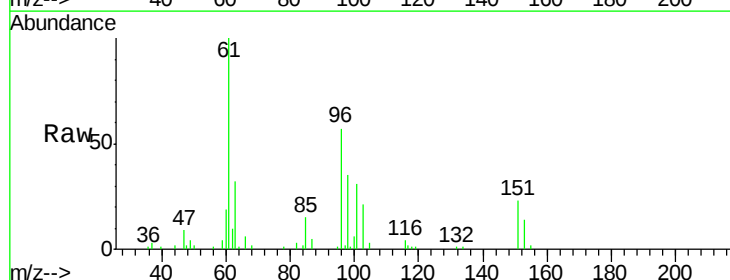
Tgt Ion: 96 Resp: 35409

Ion Ratio Lower Upper

96 100

61 174.1 148.6 222.8

98 61.6 50.6 75.8



Abundance Ion 95.90 (95.60 to 96.60): VN062631.D (-504) (-)

Ion 60.90 (60.60 to 61.60): VN062631.D (-504) (-)

Ion 97.90 (97.60 to 98.60): VN062631.D (-504) (-)

3.70

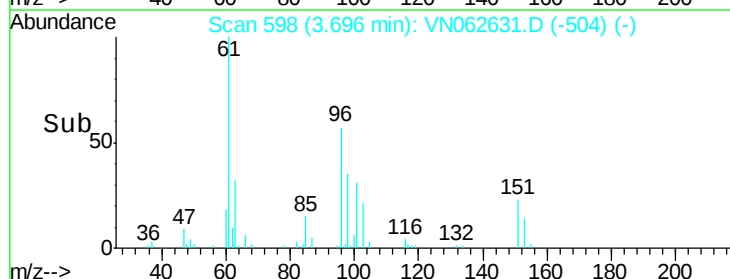
30000

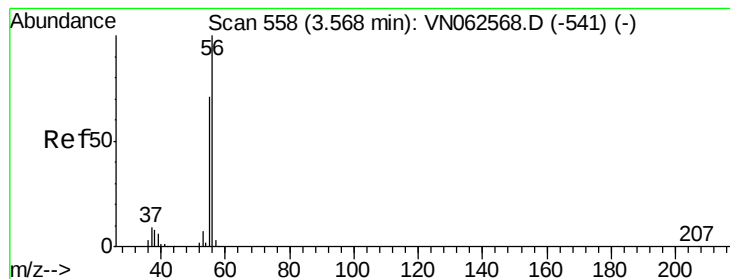
20000

10000

0

Time--> 3.60 3.70 3.80





#13

Acrolein

Concen: 78.323 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN062631.D

Acq: 28 Jul 2020 13:46

Instrument :

MSVOA_N

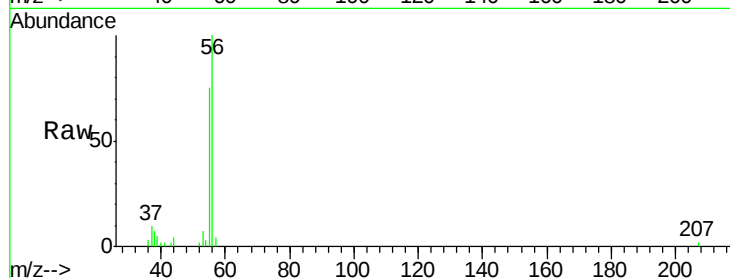
ClientSampled :

Tot Ion: 56 Resp: 32567

Ion Ratio Lower Upper

56 100

55 72.5 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VN062631.D (-541) (-)

Ion 55.00 (54.70 to 55.70): VN062631.D (-541) (-)

3.56

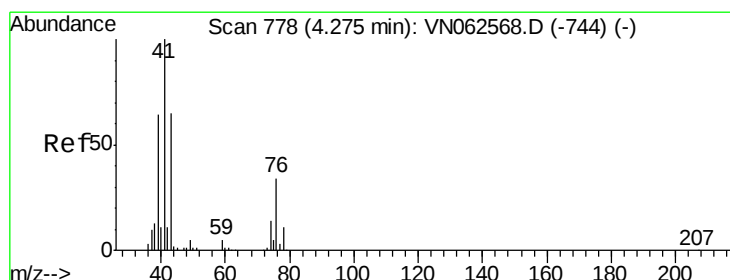
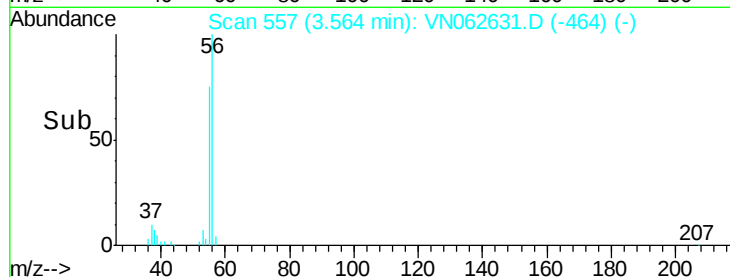
15000

10000

5000

0

Time-->



#14

Allyl chloride

Concen: 17.706 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN062631.D

Acq: 28 Jul 2020 13:46

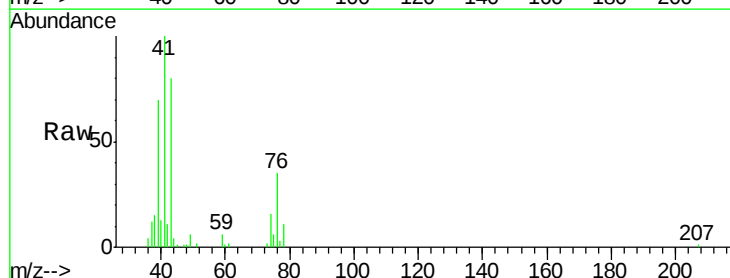
Tgt Ion: 41 Resp: 71648

Ion Ratio Lower Upper

41 100

39 64.9 49.0 73.4

76 30.9 24.0 36.0



Abundance Ion 41.00 (40.70 to 41.70): VN062631.D (-685) (-)

Ion 39.00 (38.70 to 39.70): VN062631.D (-685) (-)

Ion 75.90 (75.60 to 76.60): VN062631.D (-685) (-)

4.27

30000

25000

20000

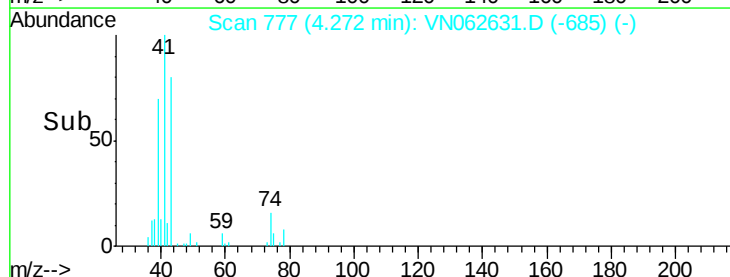
15000

10000

5000

0

Time-->





#15

Acrylonitrile

Concen: 96.757 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN062631.D

Acq: 28 Jul 2020 13:46

Instrument :

MSVOA_N

ClientSampled :

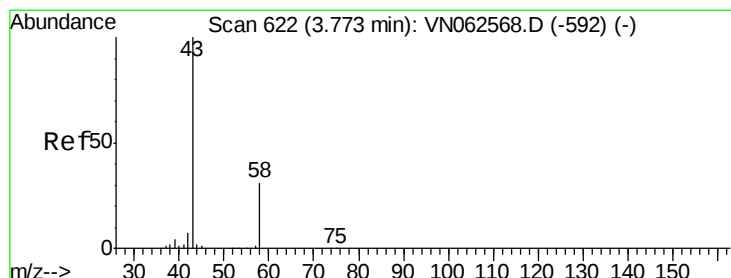
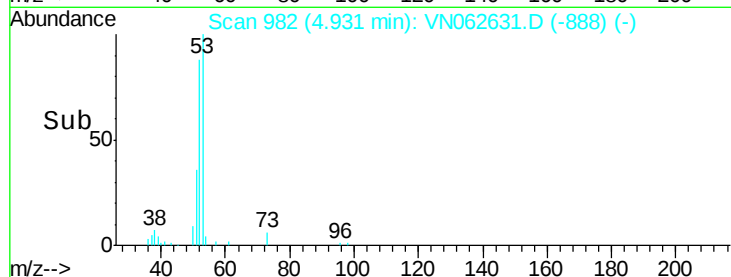
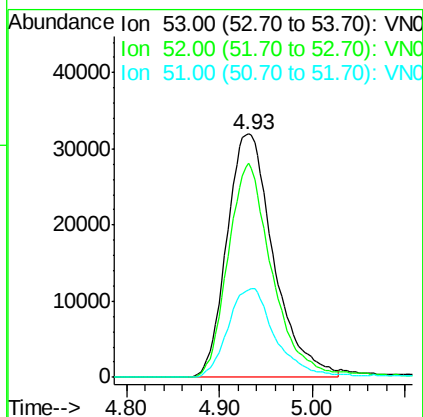
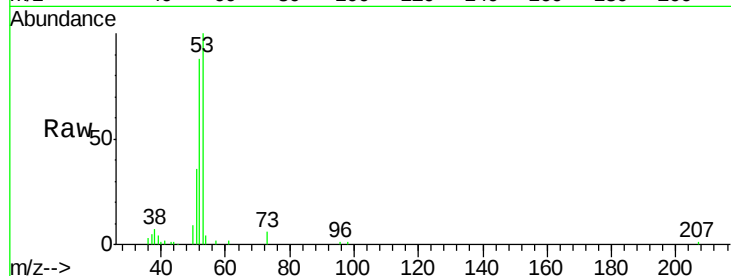
Tot Ion: 53 Resp: 111895

Ion Ratio Lower Upper

53 100

52 82.4 66.3 99.5

51 36.5 28.6 43.0



#16

Acetone

Concen: 94.661 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN062631.D

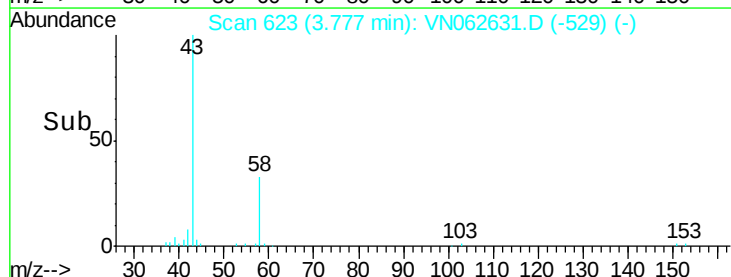
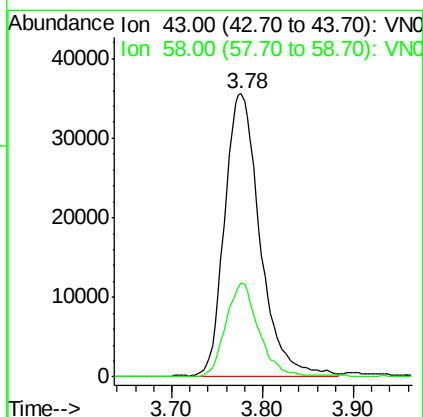
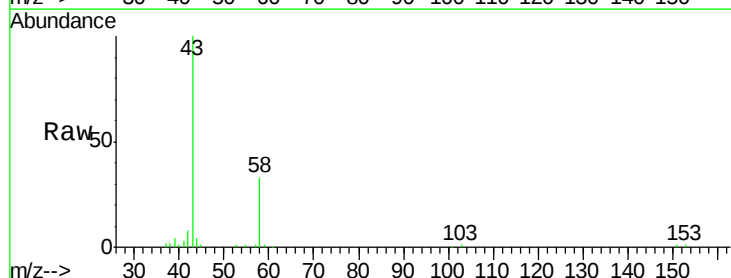
Acq: 28 Jul 2020 13:46

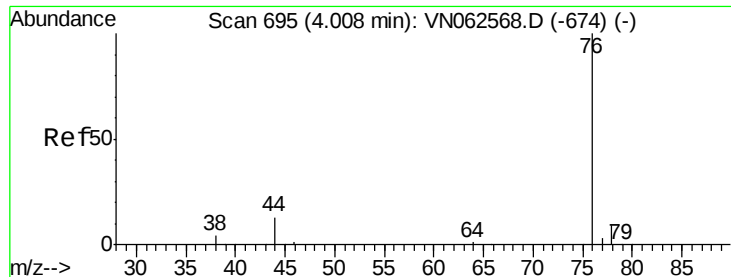
Tgt Ion: 43 Resp: 96680

Ion Ratio Lower Upper

43 100

58 33.2 24.6 37.0





#17

Carbon Disulfide

Concen: 17.350 ug/l

RT: 4.01 min Scan# 695

Delta R.T. 0.00 min

Lab File: VN062631.D

Acq: 28 Jul 2020 13:46

Instrument :

MSVOA_N

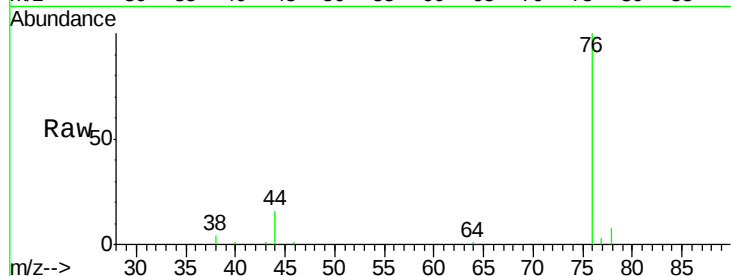
ClientSampleId :

Tot Ion: 76 Resp: 106645

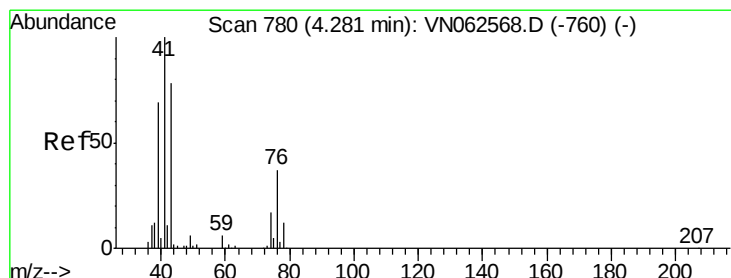
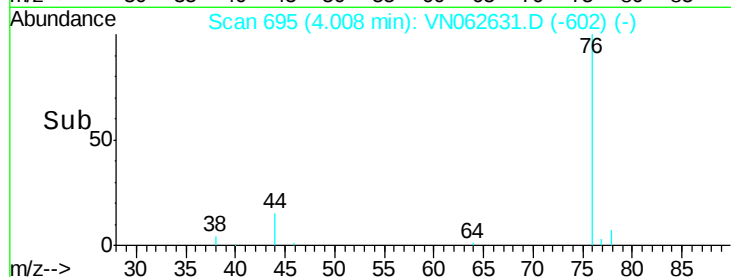
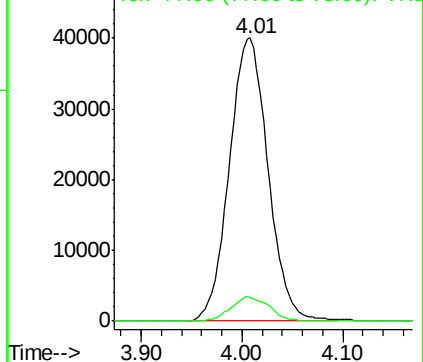
Ion Ratio Lower Upper

76 100

78 8.3 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VNO
Ion 77.90 (77.60 to 78.60): VNO



#18

Methyl Acetate

Concen: 21.572 ug/l

RT: 4.28 min Scan# 779

Delta R.T. -0.00 min

Lab File: VN062631.D

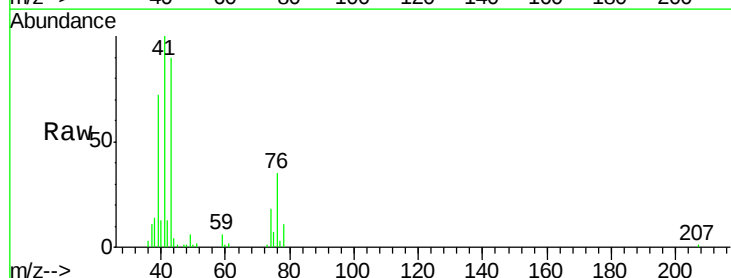
Acq: 28 Jul 2020 13:46

Tgt Ion: 43 Resp: 55776

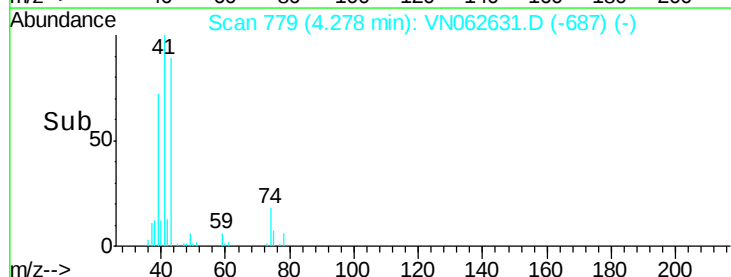
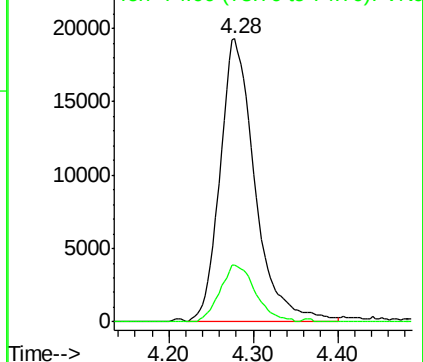
Ion Ratio Lower Upper

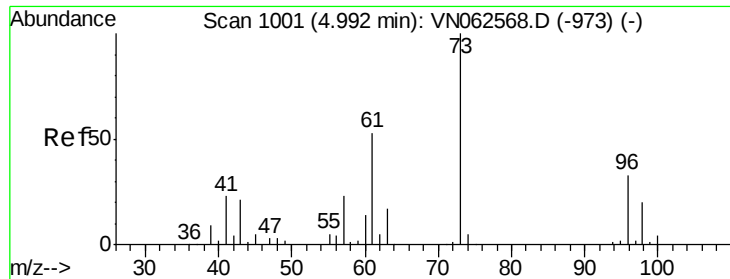
43 100

74 20.3 16.6 24.8



Abundance Ion 43.00 (42.70 to 43.70): VNO
Ion 74.00 (73.70 to 74.70): VNO

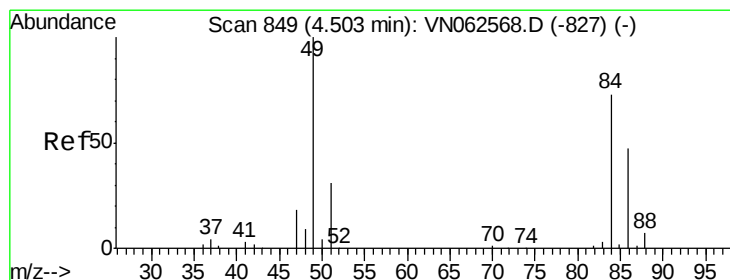
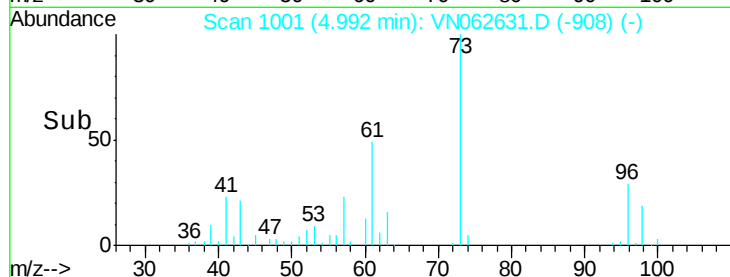
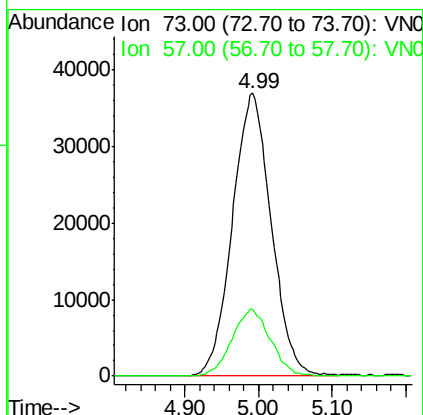
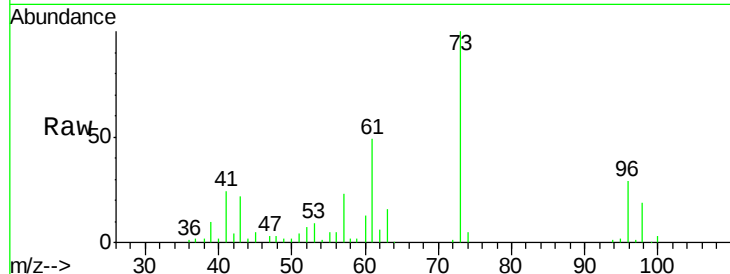




#19
Methvl tert-butvl Ether
Concen: 19.659 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VN062631.D
Acq: 28 Jul 2020 13:46

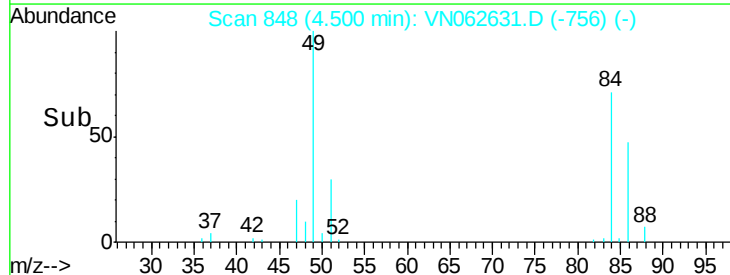
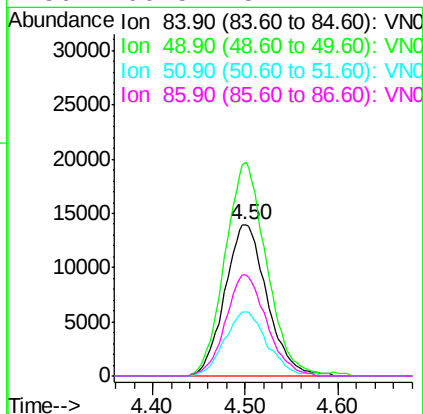
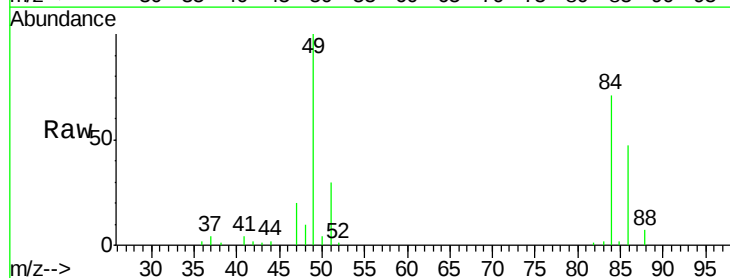
Instrument :
MSVOA_N
ClientSampleId :

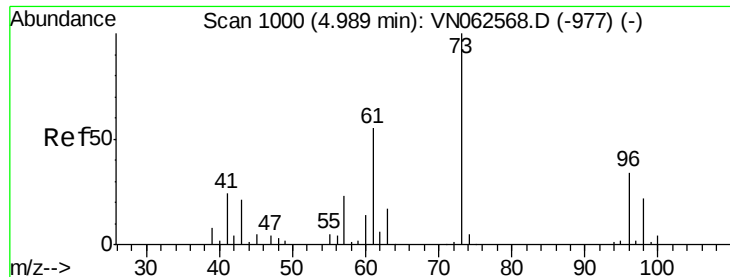
Tot Ion: 73 Resp: 135358
Ion Ratio Lower Upper
73 100
57 23.5 18.6 27.8



#20
Methylene Chloride
Concen: 17.961 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN062631.D
Acq: 28 Jul 2020 13:46

Tgt Ion: 84 Resp: 43997
Ion Ratio Lower Upper
84 100
49 141.1 109.4 164.0
51 42.5 33.6 50.4
86 66.5 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 17.635 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN062631.D

Acq: 28 Jul 2020 13:46

Instrument :
MSVOA_N
ClientSampled :

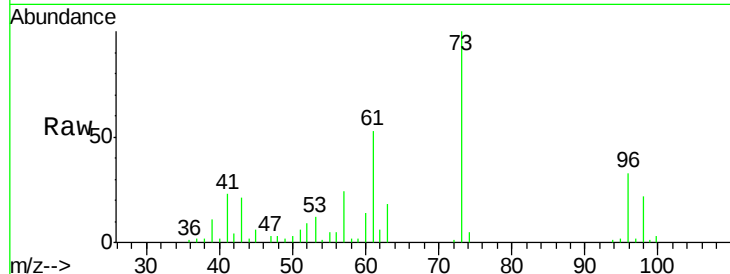
Tot Ion: 96 Resp: 36616

Ion Ratio Lower Upper

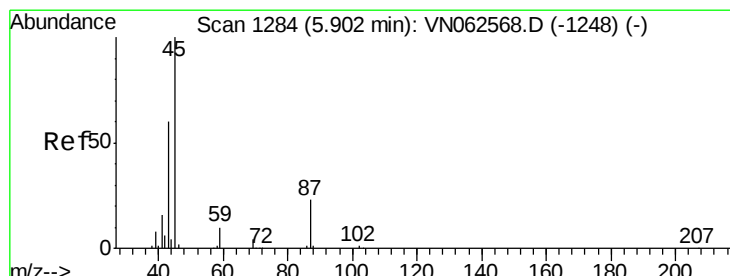
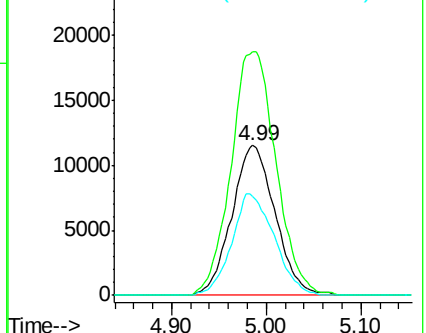
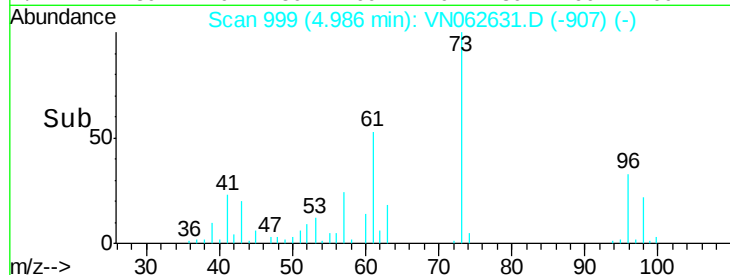
96 100

61 162.6 128.6 192.8

98 66.1 50.6 76.0



Abundance Ion 95.90 (95.60 to 96.60): VN062631.D (-907) (-)



#22

Diisopropyl ether

Concen: 18.696 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VN062631.D

Acq: 28 Jul 2020 13:46

Tgt Ion: 45 Resp: 150378

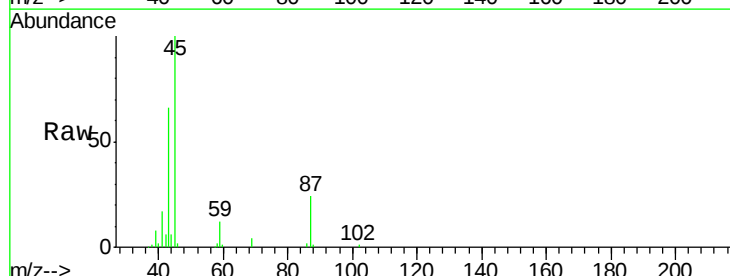
Ion Ratio Lower Upper

45 100

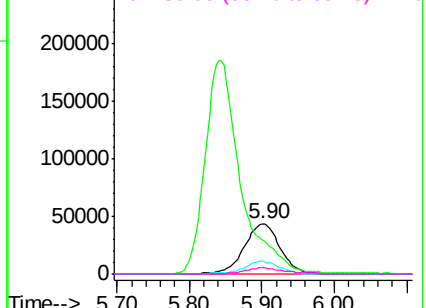
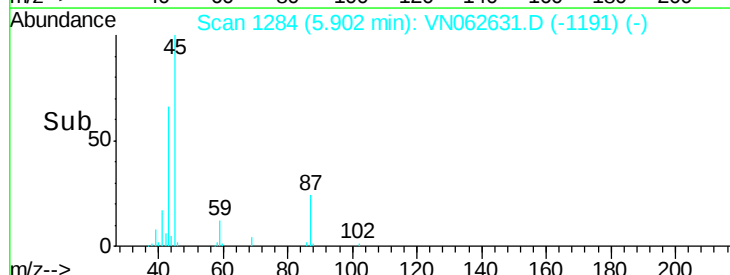
43 64.1 48.7 73.1

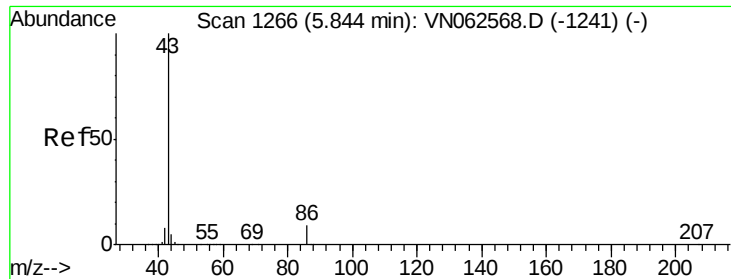
87 24.3 19.0 28.6

59 12.3 8.6 13.0



Abundance Ion 45.00 (44.70 to 45.70): VN062631.D (-1191) (-)





#23

Vinyl Acetate

Concen: 95.930 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN062631.D

Acq: 28 Jul 2020 13:46

Instrument :

MSVOA_N

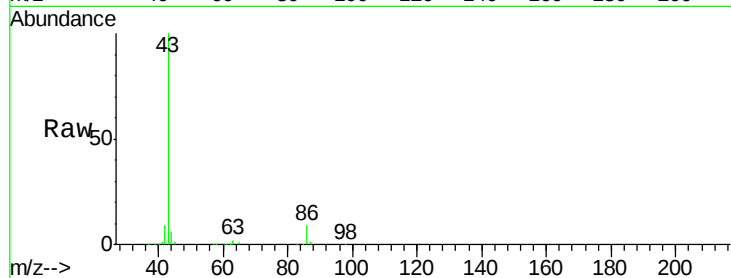
ClientSampleId :

Tot Ion: 43 Resp: 632248

Ion Ratio Lower Upper

43 100

86 9.1 6.9 10.3



Abundance Ion 43.00 (42.70 to 43.70): VN062568.D (-1241) (-)

Ion 86.00 (85.70 to 86.70): VN062568.D (-1241) (-)

5.84

200000

150000

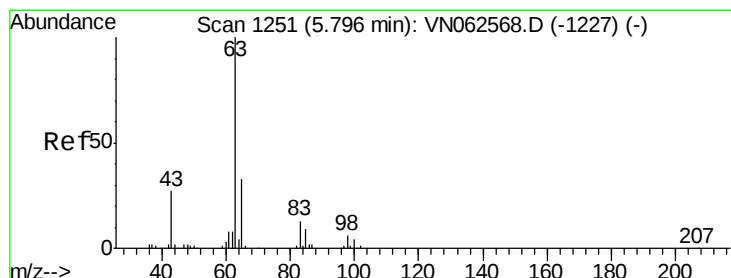
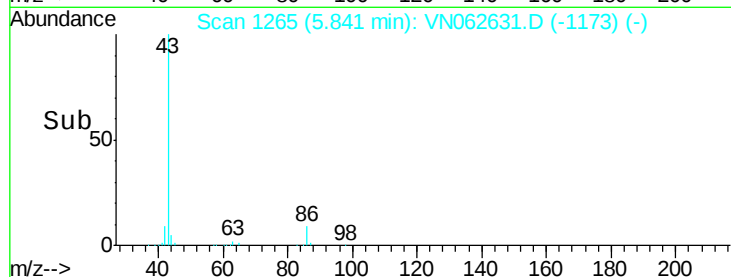
100000

50000

0

5.70 5.80 5.90 6.00

Time-->



#24

1,1-Dichloroethane

Concen: 19.008 ug/l

RT: 5.79 min Scan# 1250

Delta R.T. -0.00 min

Lab File: VN062631.D

Acq: 28 Jul 2020 13:46

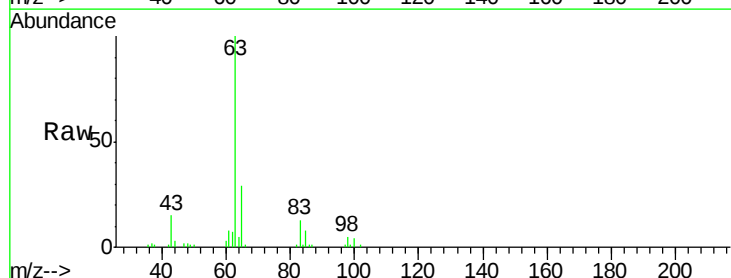
Tgt Ion: 63 Resp: 82332

Ion Ratio Lower Upper

63 100

98 5.2 2.9 8.8

100 4.0 1.8 5.4



Abundance Ion 62.90 (62.60 to 63.60): VN062568.D (-1227) (-)

Ion 97.90 (97.60 to 98.60): VN062568.D (-1227) (-)

Ion 99.90 (99.60 to 100.60): VN062568.D (-1227) (-)

5.79

30000

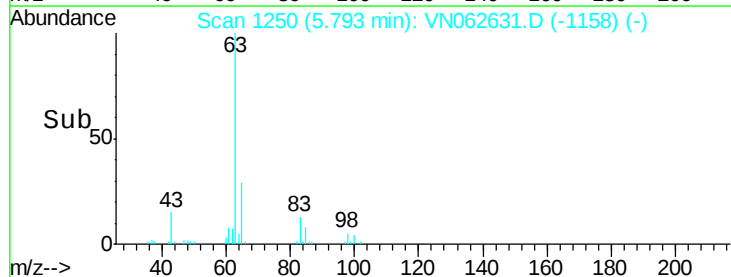
20000

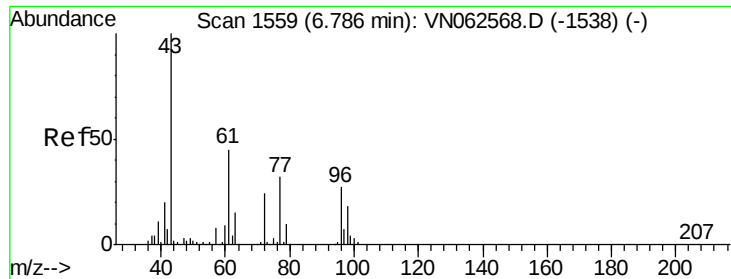
10000

0

5.70 5.80 5.90

Time-->

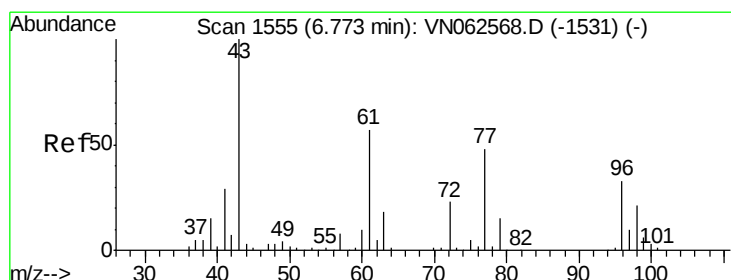
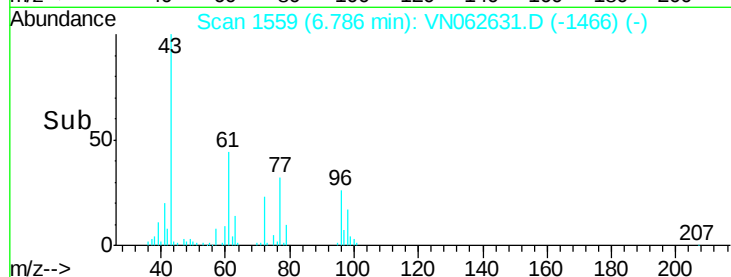
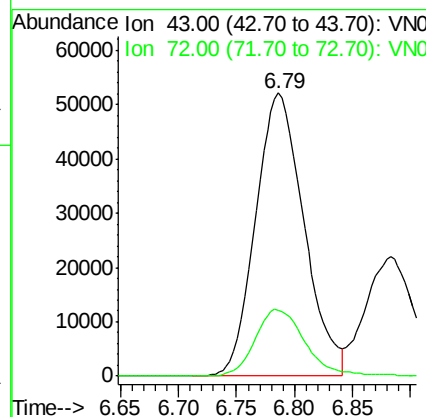
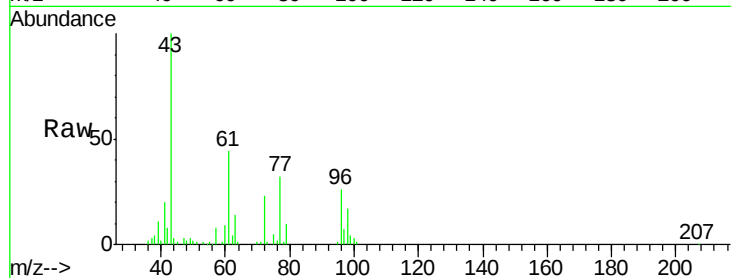




#25
2-Butanone
Concen: 97.343 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. 0.00 min
Lab File: VN062631.D
Acq: 28 Jul 2020 13:46

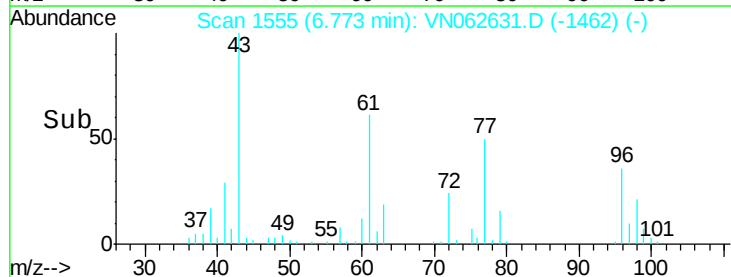
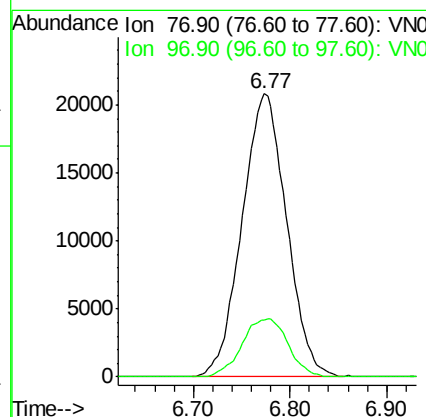
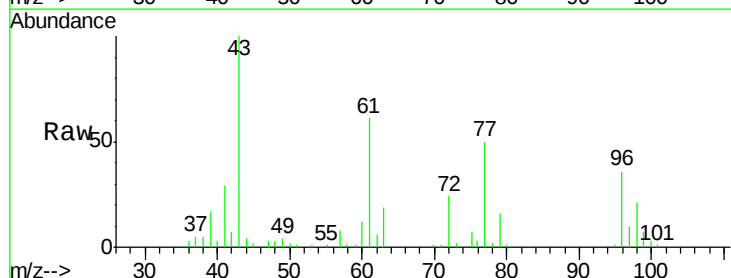
Instrument :
MSVOA_N
ClientSampled :

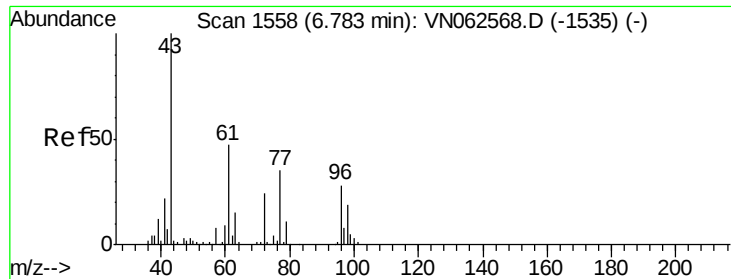
Tot Ion: 43 Resp: 151413
Ion Ratio Lower Upper
43 100
72 23.2 19.0 28.6



#26
2,2-Dichloropropane
Concen: 18.742 ug/l
RT: 6.77 min Scan# 1555
Delta R.T. 0.00 min
Lab File: VN062631.D
Acq: 28 Jul 2020 13:46

Tgt Ion: 77 Resp: 66640
Ion Ratio Lower Upper
77 100
97 21.1 10.8 32.4





#27

cis-1,2-Dichloroethene

Concen: 18.848 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. -0.00 min

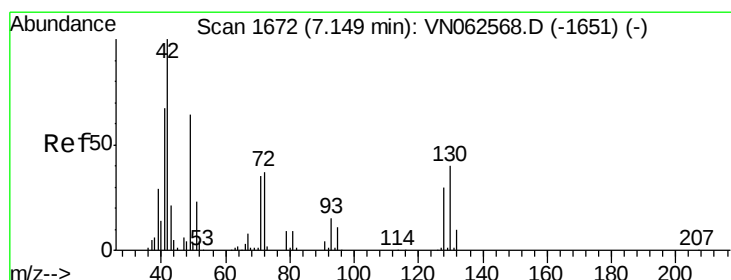
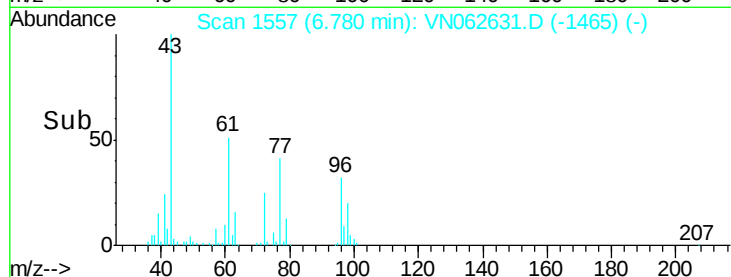
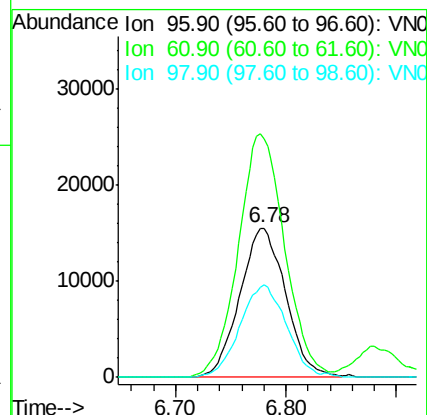
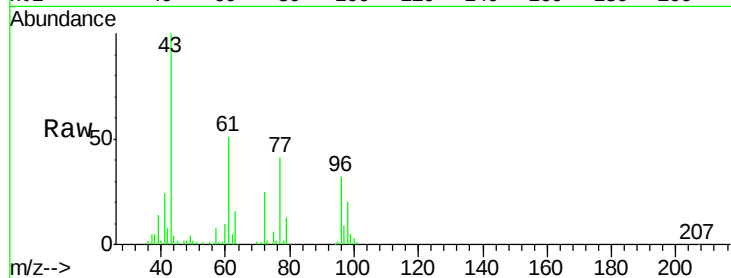
Lab File: VN062631.D

Acq: 28 Jul 2020 13:46

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 96 Resp: 44656

Ion	Ratio	Lower	Upper
96	100		
61	165.1	0.0	332.4
98	63.3	0.0	127.4



#28

Bromochloromethane

Concen: 19.615 ug/l

RT: 7.15 min Scan# 1671

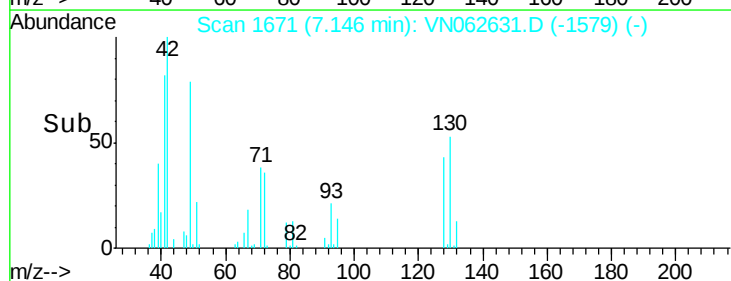
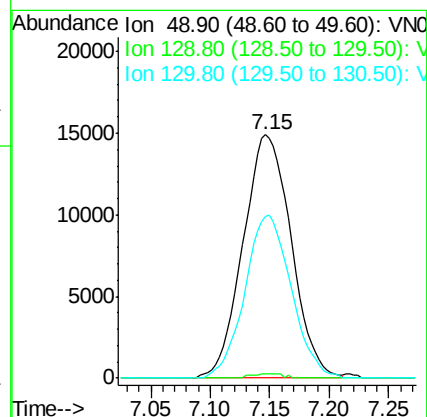
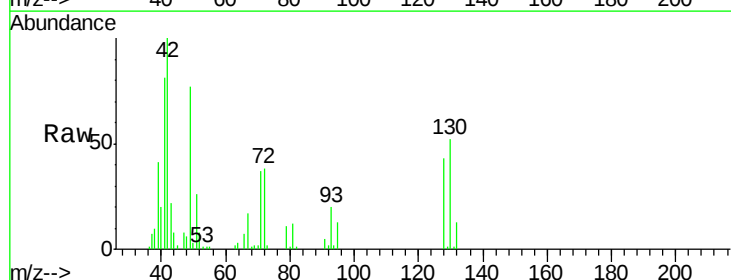
Delta R.T. -0.00 min

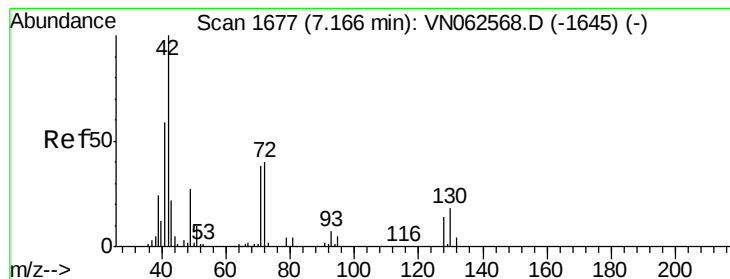
Lab File: VN062631.D

Acq: 28 Jul 2020 13:46

Tgt Ion: 49 Resp: 41811

Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	3.4
130	64.4	49.8	74.8





#29

Tetrahydrofuran

Concen: 98.532 ug/l

RT: 7.17 min Scan# 1677

Delta R.T. 0.00 min

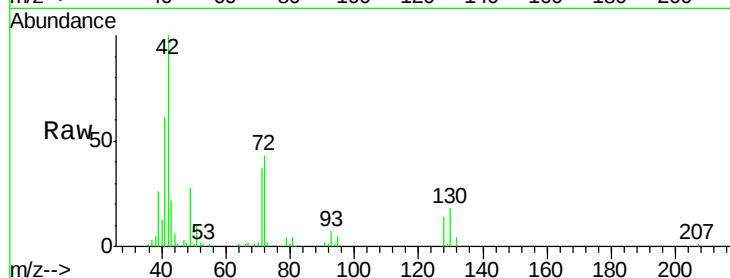
Lab File: VN062631.D

Acq: 28 Jul 2020 13:46

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 42 Resp: 103706

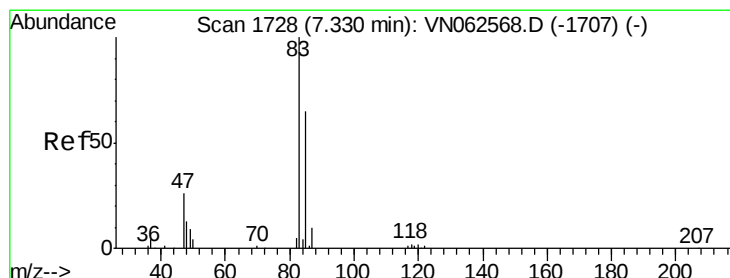
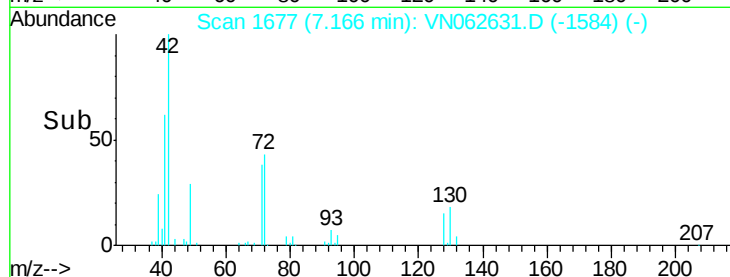
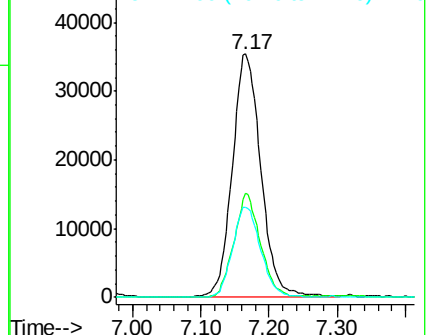
Ion	Ratio	Lower	Upper
42	100		
72	39.3	30.7	46.1
71	36.1	29.1	43.7



Abundance Ion 42.00 (41.70 to 42.70): VN0

Ion 72.00 (71.70 to 72.70): VN0

Ion 71.00 (70.70 to 71.70): VN0



#30

Chloroform

Concen: 19.526 ug/l

RT: 7.33 min Scan# 1727

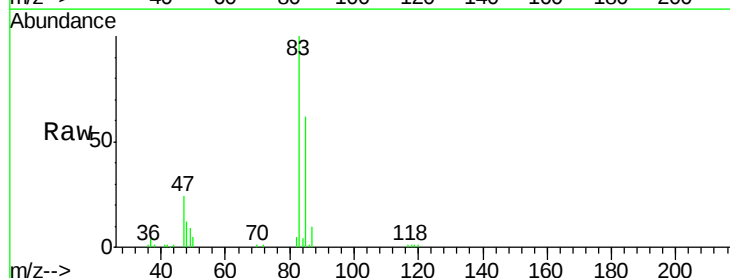
Delta R.T. -0.00 min

Lab File: VN062631.D

Acq: 28 Jul 2020 13:46

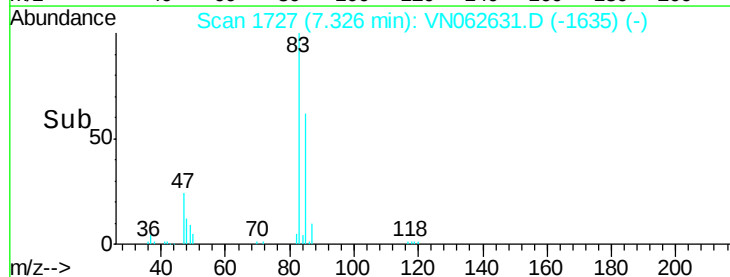
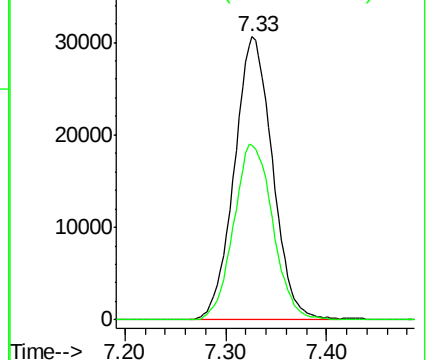
Tgt Ion: 83 Resp: 80414

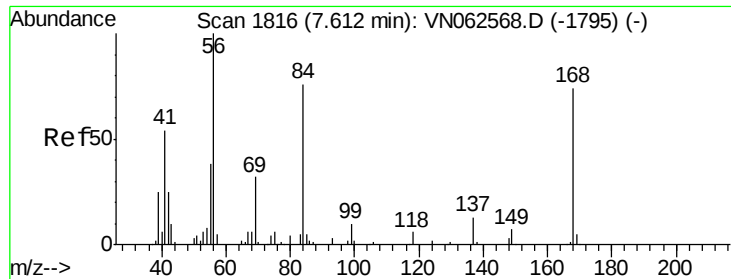
Ion	Ratio	Lower	Upper
83	100		
85	61.8	52.0	78.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

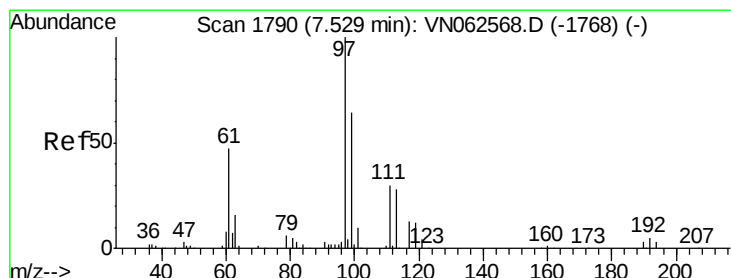
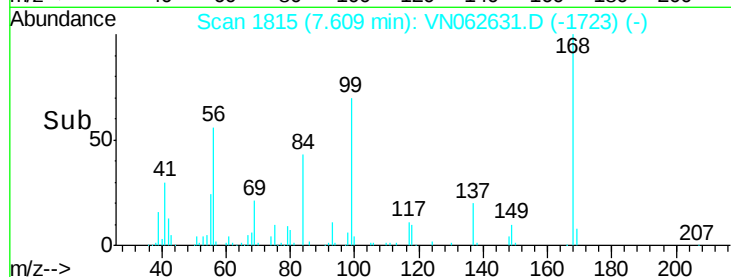
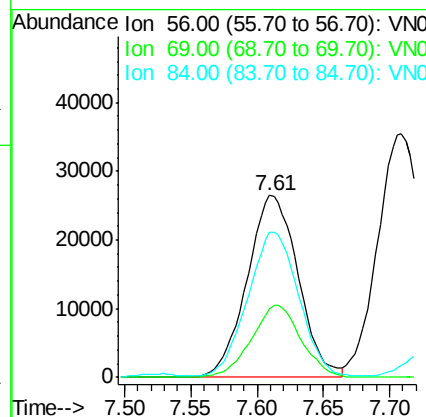
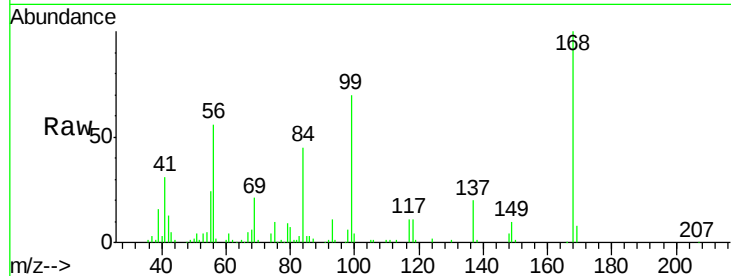




#31
Cyclohexane
Concen: 17.790 ug/l
RT: 7.61 min Scan# 1815
Delta R.T. -0.00 min
Lab File: VN062631.D
Acq: 28 Jul 2020 13:46

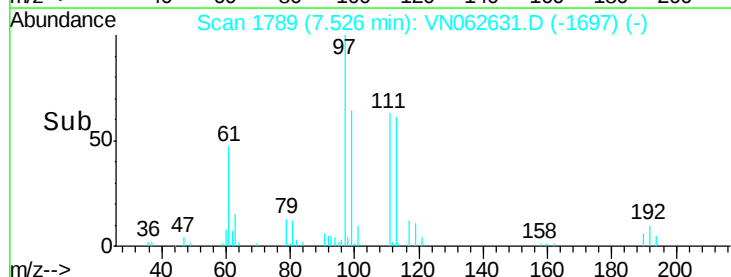
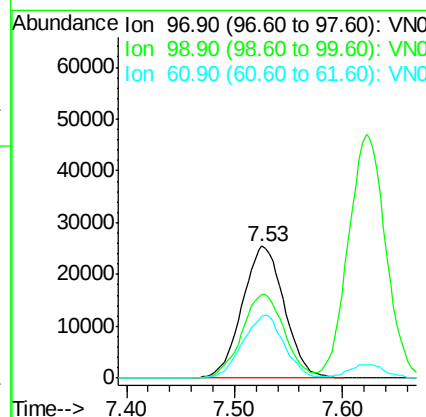
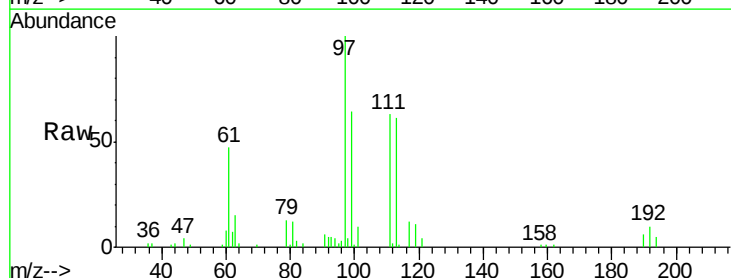
Instrument :
MSVOA_N
ClientSampleId :

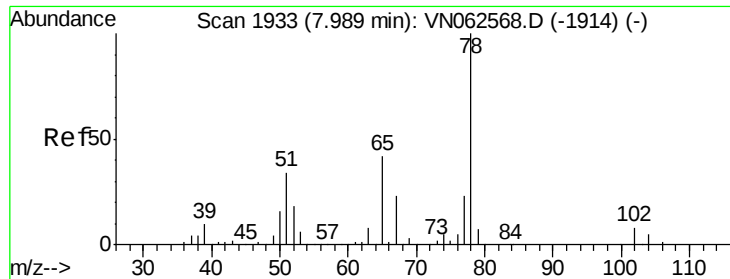
Tot Ion: 56 Resp: 71144
Ion Ratio Lower Upper
56 100
69 37.3 25.3 37.9
84 78.8 61.0 91.4



#32
1,1,1-Trichloroethane
Concen: 20.090 ug/l
RT: 7.53 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VN062631.D
Acq: 28 Jul 2020 13:46

Tgt Ion: 97 Resp: 69076
Ion Ratio Lower Upper
97 100
99 63.9 51.2 76.8
61 46.7 38.4 57.6

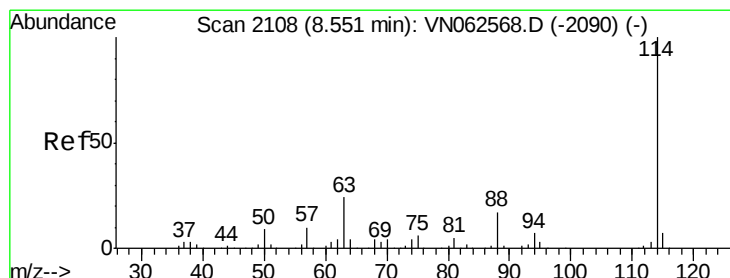
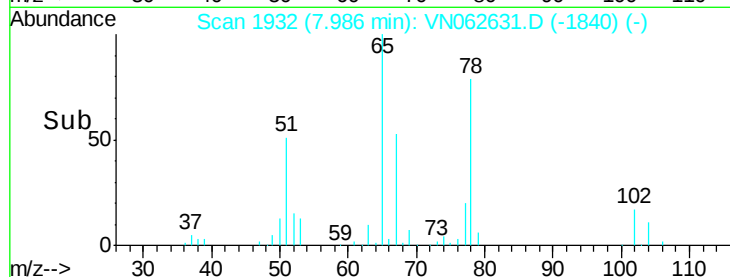
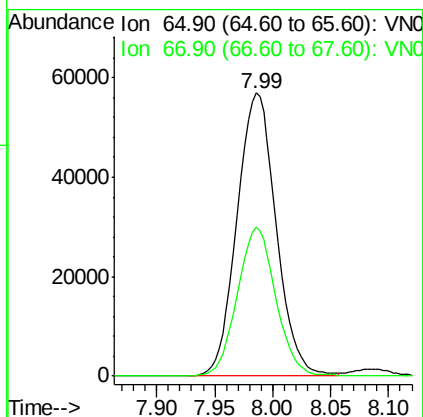
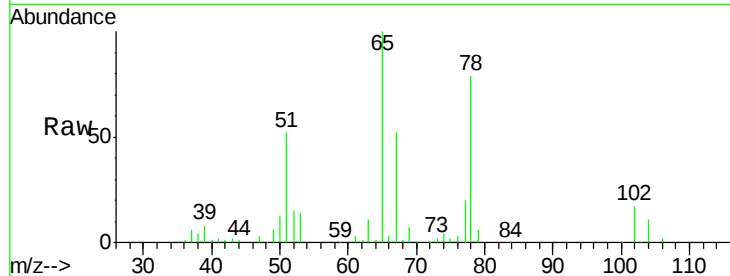




#33
 1,2-Dichloroethane-d4
 Concen: 49.270 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062631.D
 Acq: 28 Jul 2020 13:46

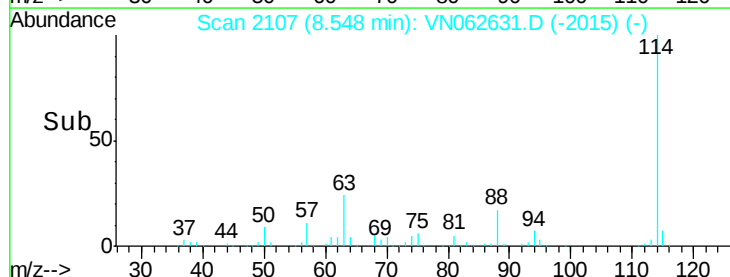
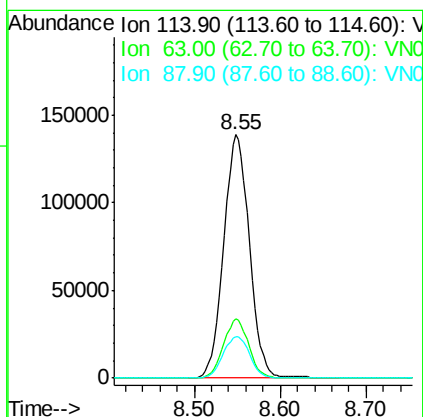
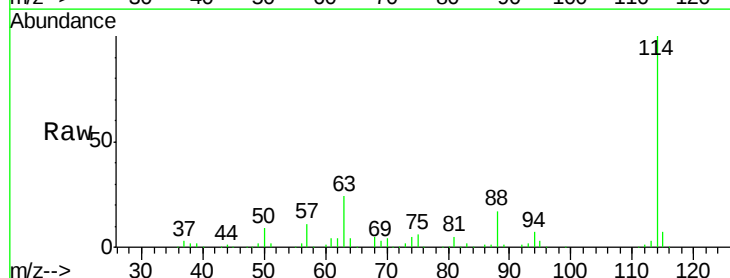
Instrument :
 MSVOA_N
 ClientSampled :

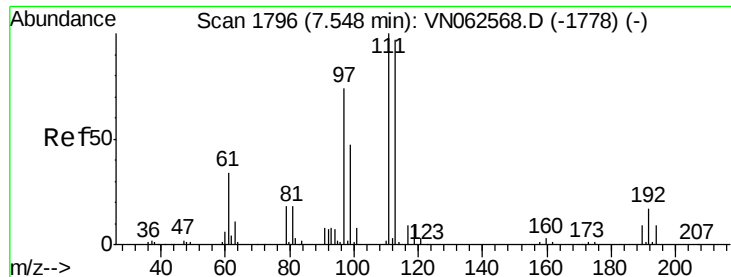
Tot Ion: 65 Resp: 133722
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062631.D
 Acq: 28 Jul 2020 13:46

Tgt Ion: 114 Resp: 288000
 Ion Ratio Lower Upper
 114 100
 63 24.2 0.0 48.4
 88 16.9 0.0 33.8

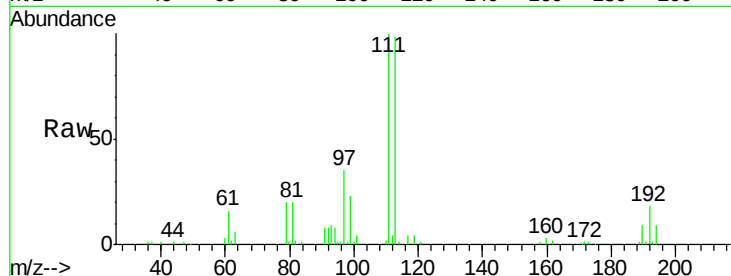




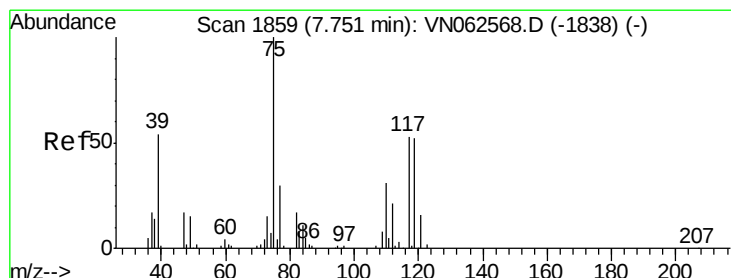
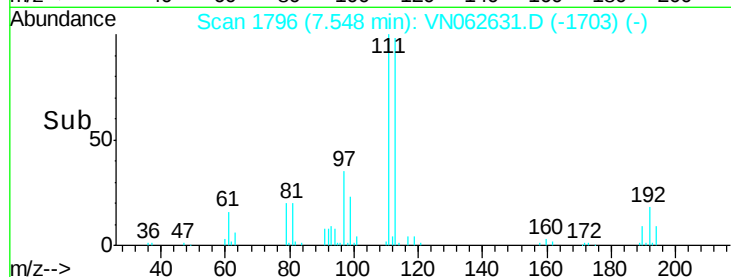
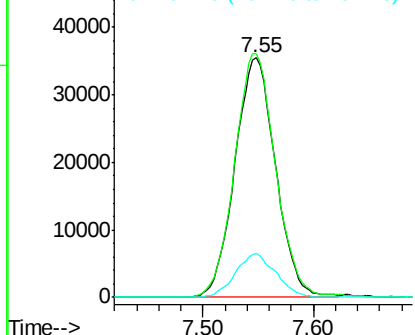
#35
 Dibromofluoromethane
 Concen: 47.891 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN062631.D
 Acq: 28 Jul 2020 13:46

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:113 Resp: 90597
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.7 124.1
 192 17.9 14.8 22.2

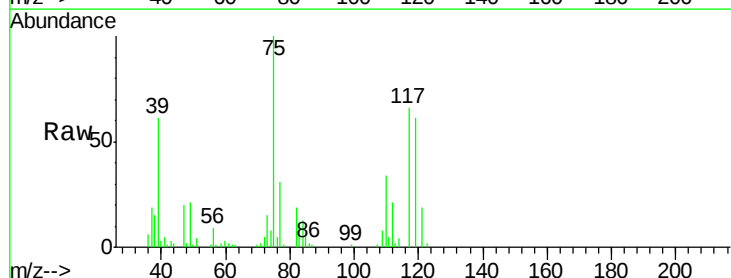


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

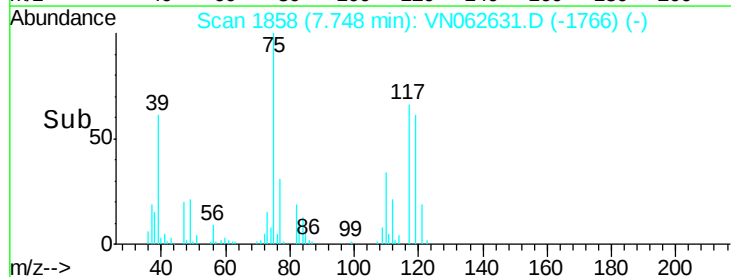
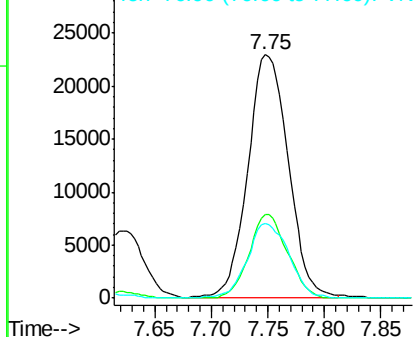


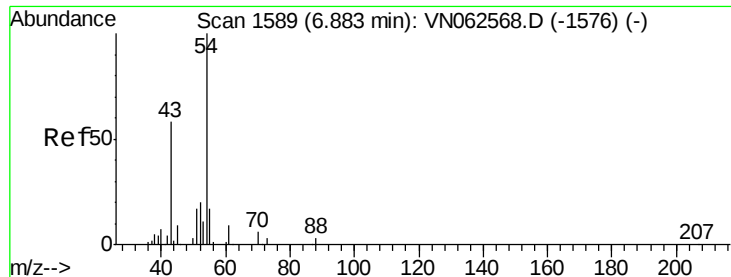
#36
 1,1-Dichloropropene
 Concen: 18.661 ug/l
 RT: 7.75 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: VN062631.D
 Acq: 28 Jul 2020 13:46

Tgt Ion: 75 Resp: 57284
 Ion Ratio Lower Upper
 75 100
 110 32.4 16.0 48.0
 77 31.6 24.6 36.8



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

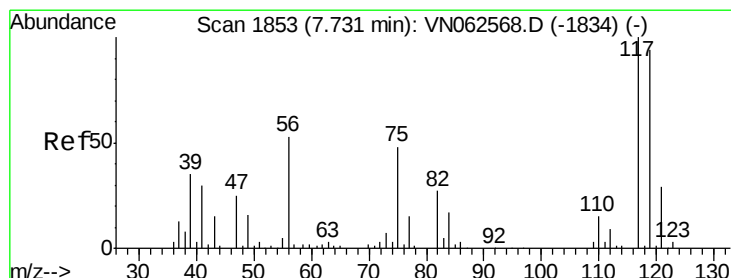
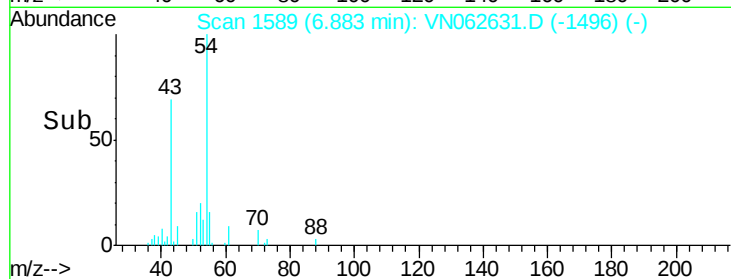
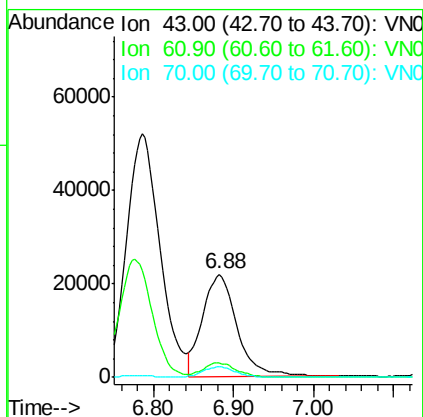
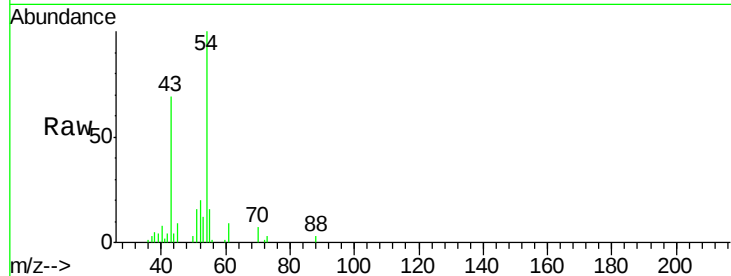




#37
Ethyl Acetate
Concen: 20.009 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. 0.00 min
Lab File: VN062631.D
Acq: 28 Jul 2020 13:46

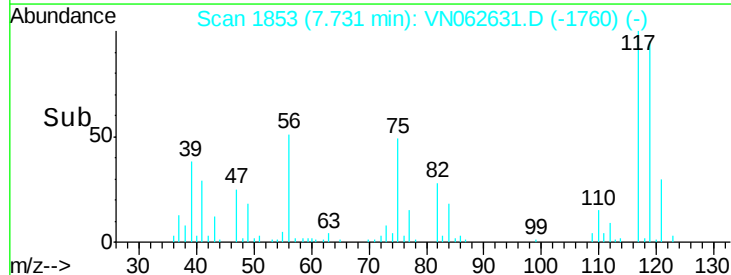
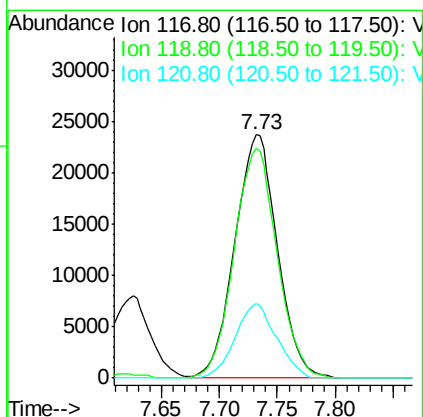
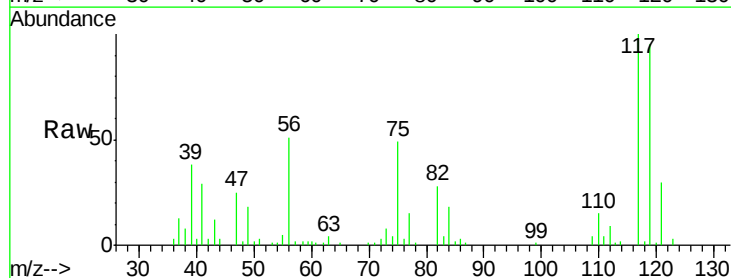
Instrument :
MSVOA_N
ClientSampleId :

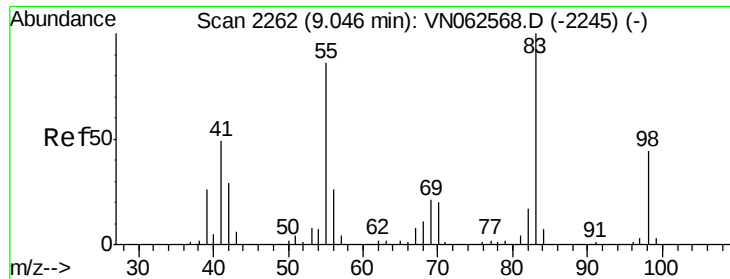
Tot Ion: 43 Resp: 66211
Ion Ratio Lower Upper
43 100
61 13.6 11.3 16.9
70 9.5 7.7 11.5



#38
Carbon Tetrachloride
Concen: 20.573 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. 0.00 min
Lab File: VN062631.D
Acq: 28 Jul 2020 13:46

Tgt Ion: 117 Resp: 60704
Ion Ratio Lower Upper
117 100
119 94.5 74.8 112.2
121 30.5 23.0 34.6

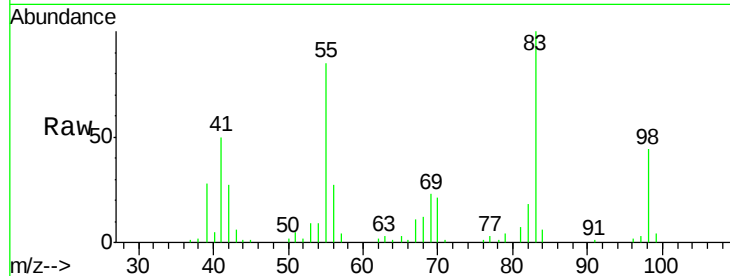




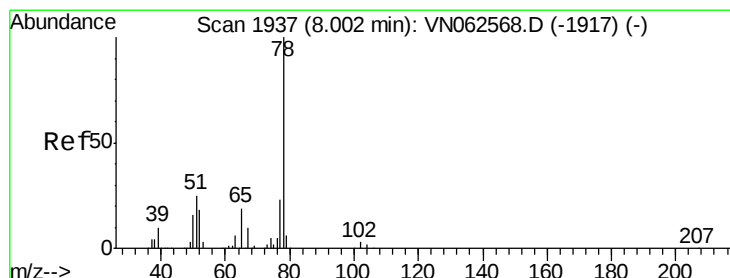
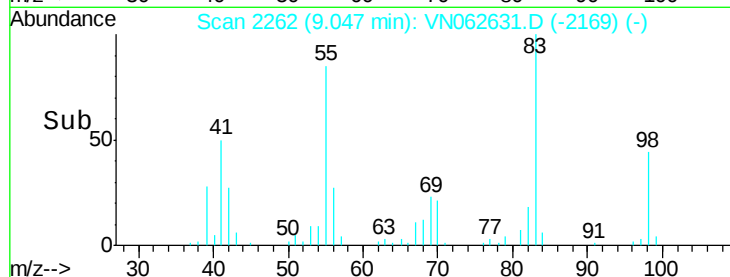
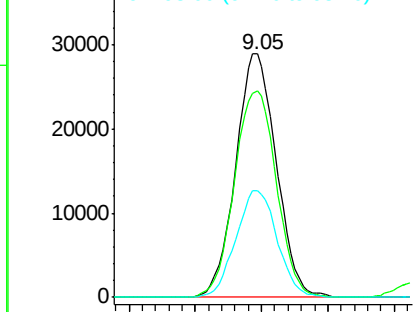
#39
Methvlcvclohexane
Concen: 18.623 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN062631.D
Acq: 28 Jul 2020 13:46

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 83 Resp: 61539
Ion Ratio Lower Upper
83 100
55 84.9 68.9 103.3
98 43.9 35.1 52.7

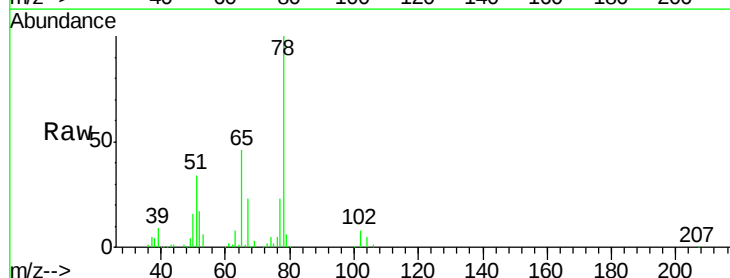


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

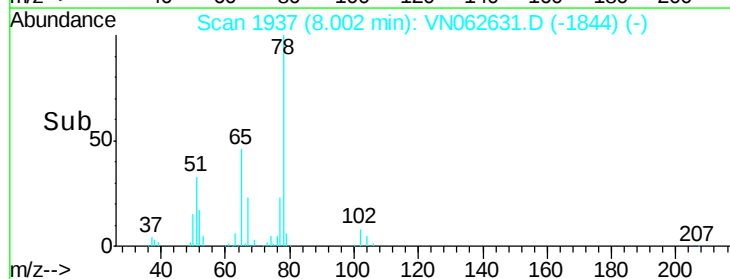
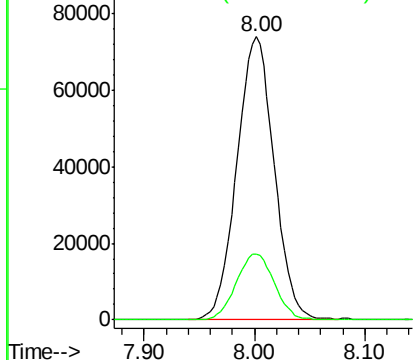


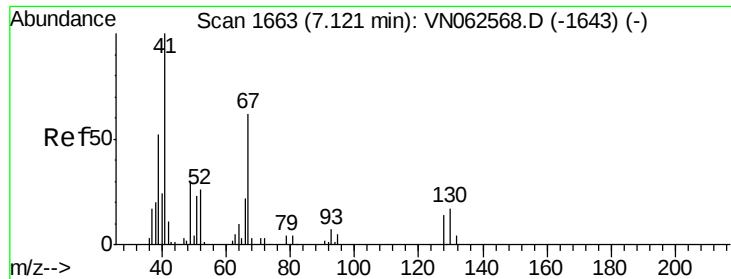
#40
Benzene
Concen: 18.651 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. 0.00 min
Lab File: VN062631.D
Acq: 28 Jul 2020 13:46

Tgt Ion: 78 Resp: 173339
Ion Ratio Lower Upper
78 100
77 23.5 18.7 28.1



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

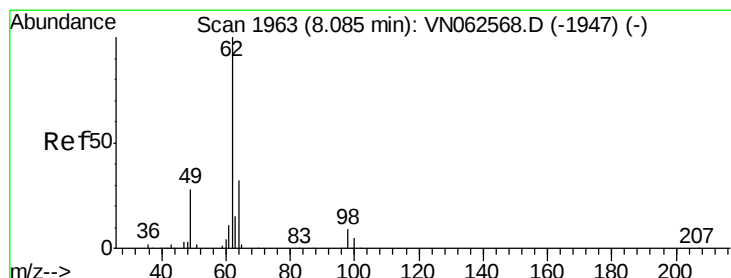
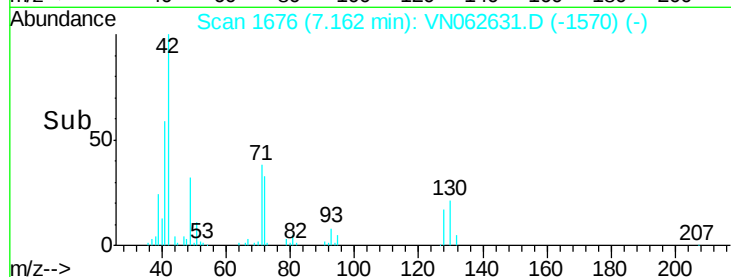
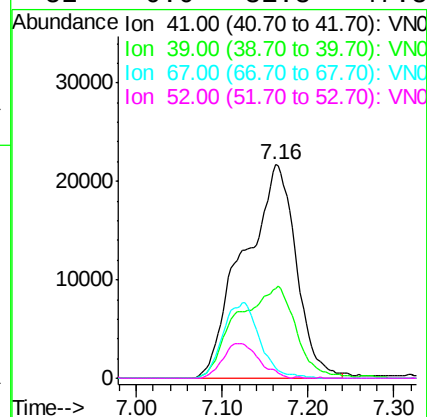
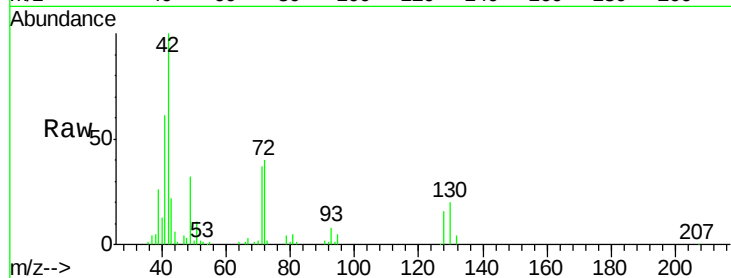




#41
Methacrylonitrile
Concen: 64.959 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. 0.04 min
Lab File: VN062631.D
Acq: 28 Jul 2020 13:46

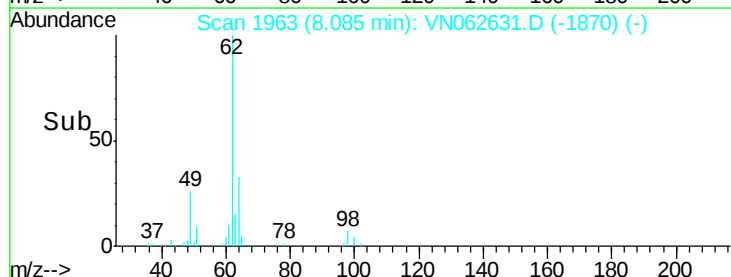
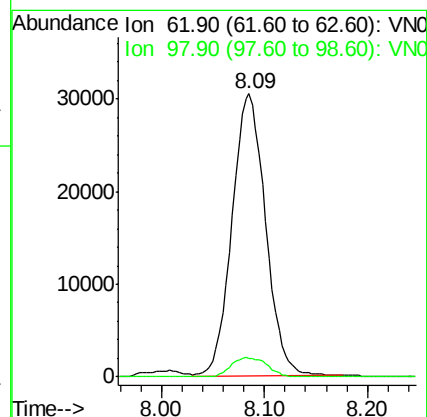
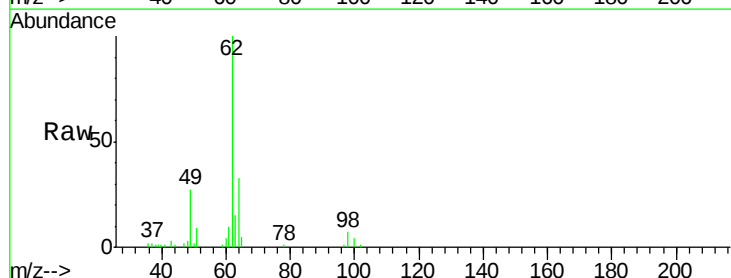
Instrument :
MSVOA_N
ClientSampled :

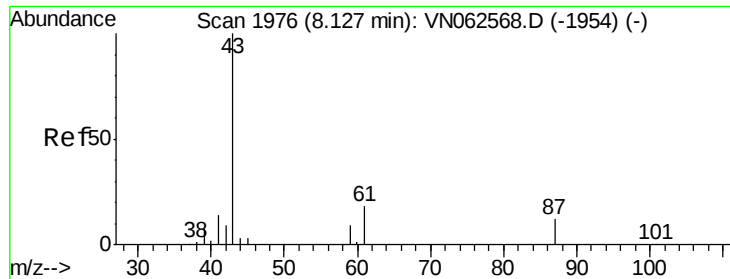
Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	55.8	83.6#
67	0.0	72.5	108.7#
52	0.0	31.8	47.8#



#42
1,2-Dichloroethane
Concen: 20.300 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VN062631.D
Acq: 28 Jul 2020 13:46

Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.2	0.0	16.2



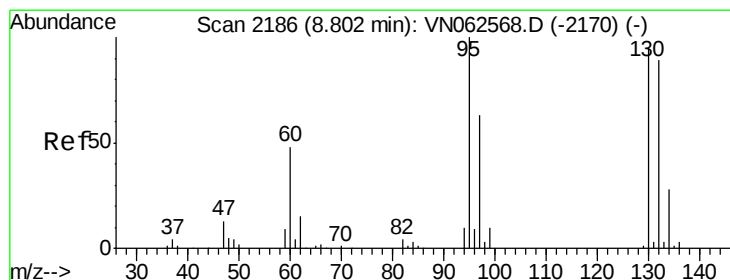
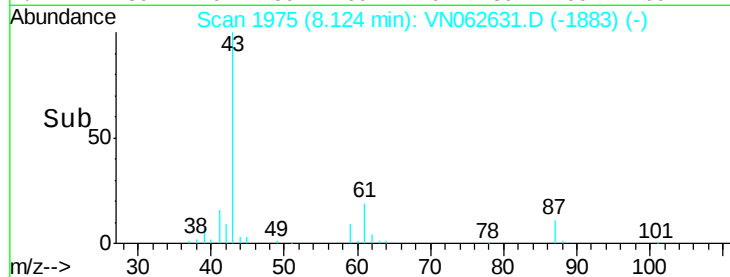
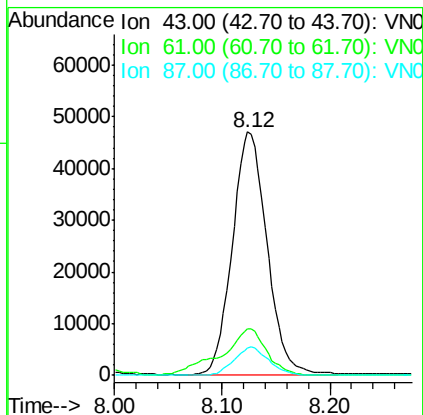
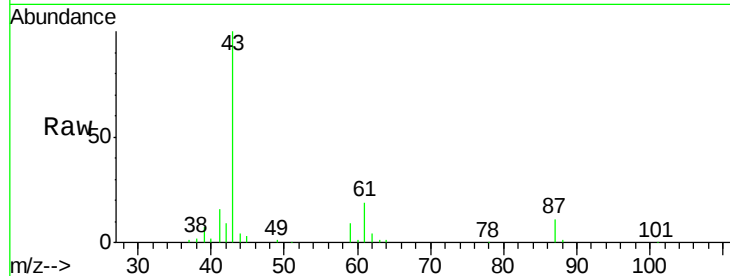


#43

Isopropyl Acetate
 Concen: 19.868 ug/l
 RT: 8.12 min Scan# 1975
 Delta R.T. -0.00 min
 Lab File: VN062631.D
 Acq: 28 Jul 2020 13:46

Instrument :
 MSVOA_N
 ClientSampled :

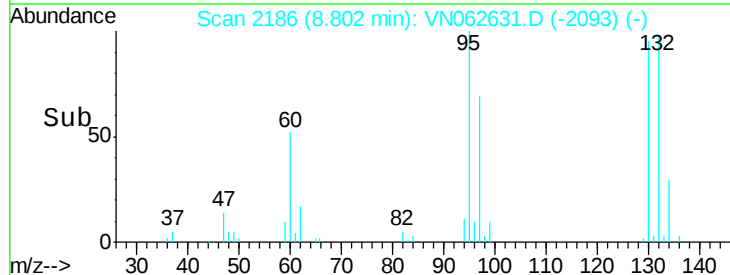
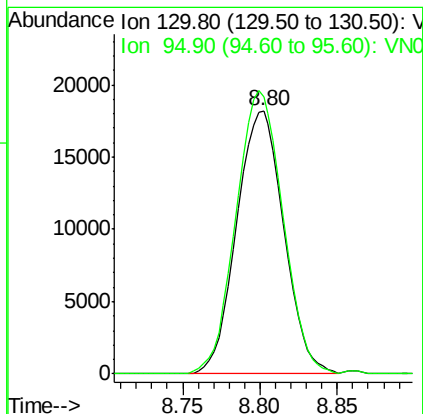
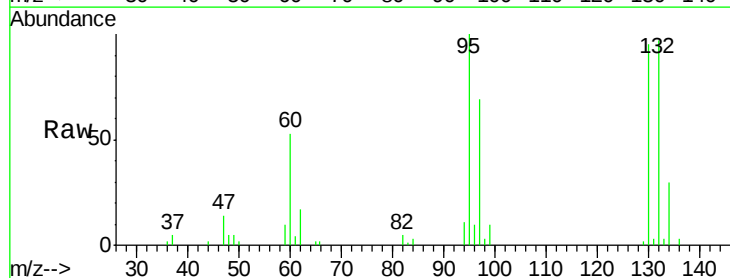
Tot Ion: 43 Resp: 105987
 Ion Ratio Lower Upper
 43 100
 61 25.0 20.8 31.2
 87 11.5 9.2 13.8

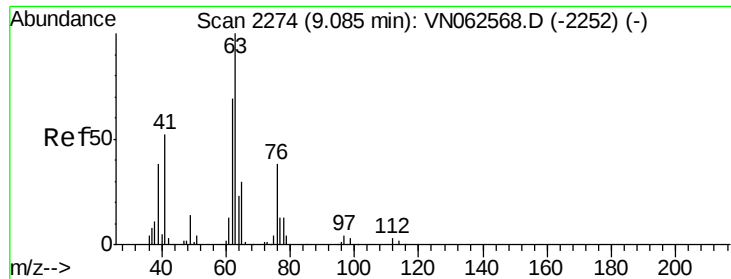


#44

Trichloroethene
 Concen: 18.416 ug/l
 RT: 8.80 min Scan# 2186
 Delta R.T. 0.00 min
 Lab File: VN062631.D
 Acq: 28 Jul 2020 13:46

Tgt Ion:130 Resp: 38597
 Ion Ratio Lower Upper
 130 100
 95 105.1 0.0 210.4

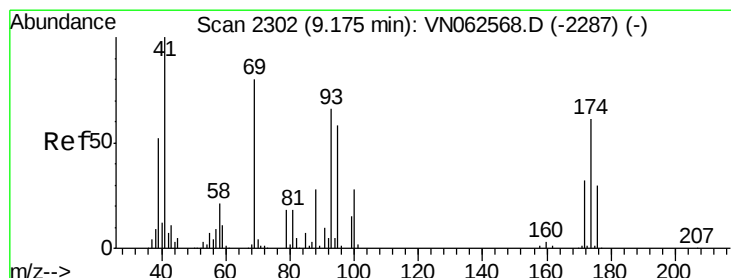
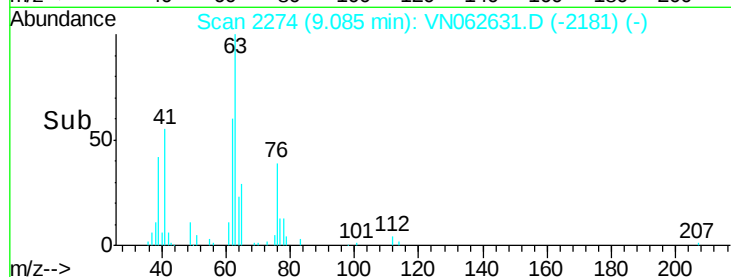
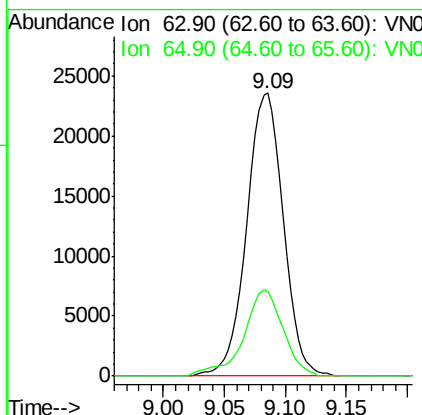
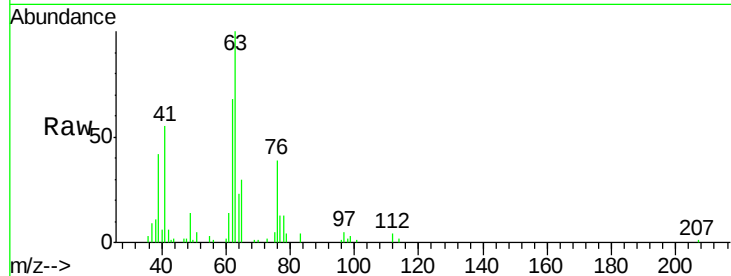




#45
 1,2-Dichloropropane
 Concen: 18.728 ug/l
 RT: 9.09 min Scan# 2274
 Delta R.T. 0.00 min
 Lab File: VN062631.D
 Acq: 28 Jul 2020 13:46

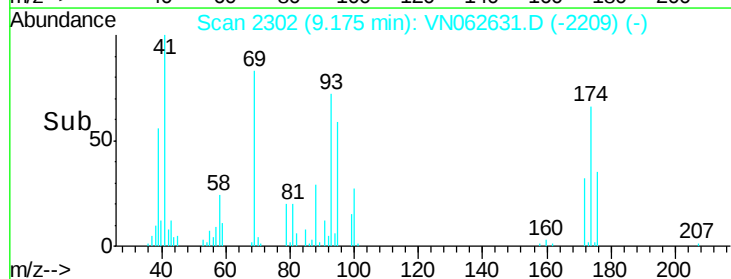
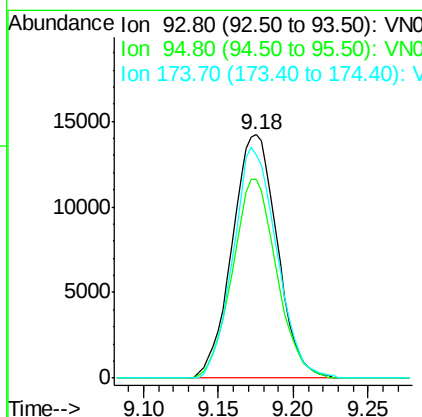
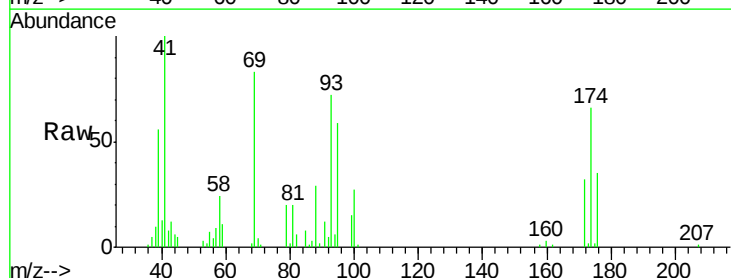
Instrument :
 MSVOA_N
 ClientSampleId :

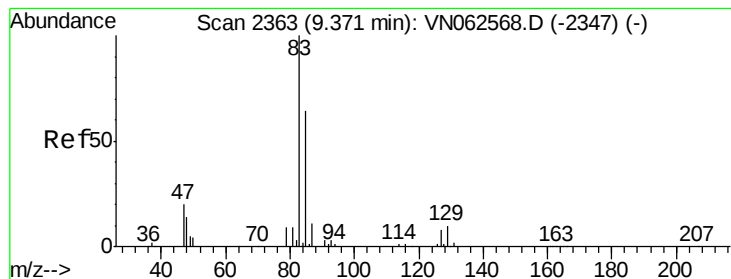
Tot Ion: 63 Resp: 48869
 Ion Ratio Lower Upper
 63 100
 65 29.8 24.4 36.6



#46
 Dibromomethane
 Concen: 19.740 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. 0.00 min
 Lab File: VN062631.D
 Acq: 28 Jul 2020 13:46

Tgt Ion: 93 Resp: 29771
 Ion Ratio Lower Upper
 93 100
 95 80.1 67.6 101.4
 174 91.8 72.5 108.7





#47

Bromodichloromethane

Concen: 20.024 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. 0.00 min

Lab File: VN062631.D

Acq: 28 Jul 2020 13:46

Instrument :

MSVOA_N

ClientSampleId :

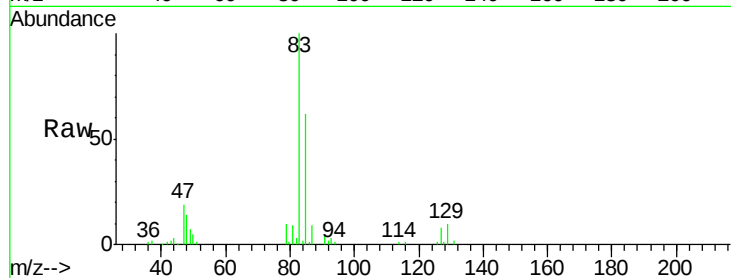
Tot Ion: 83 Resp: 65425

Ion Ratio Lower Upper

83 100

85 61.9 51.6 77.4

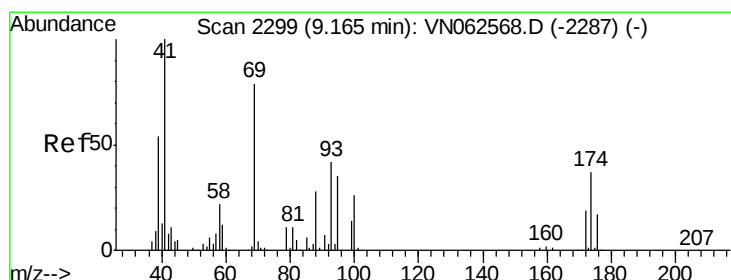
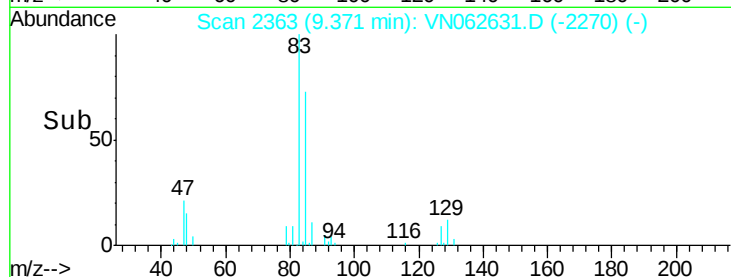
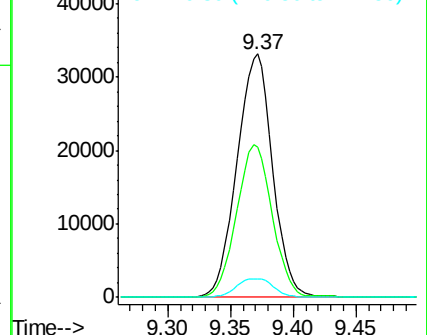
127 7.7 6.2 9.2



Abundance Ion 82.90 (82.60 to 83.60): VN062631.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN062631.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN062631.D (-2270) (-)



#48

Methyl methacrylate

Concen: 19.426 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. 0.00 min

Lab File: VN062631.D

Acq: 28 Jul 2020 13:46

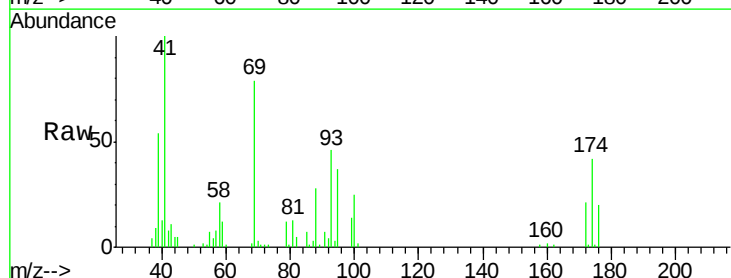
Tgt Ion: 41 Resp: 49260

Ion Ratio Lower Upper

41 100

69 80.0 64.4 96.6

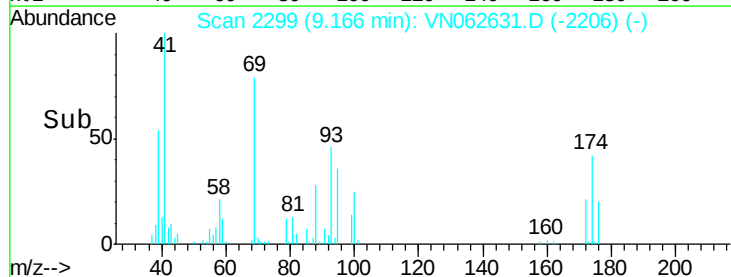
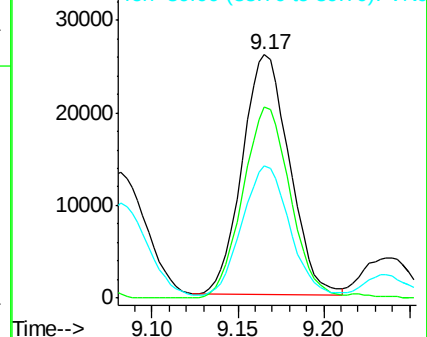
39 55.8 43.5 65.3



Abundance Ion 41.00 (40.70 to 41.70): VN062631.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN062631.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN062631.D (-2206) (-)

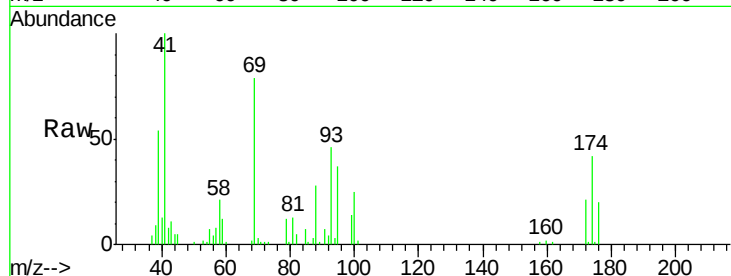




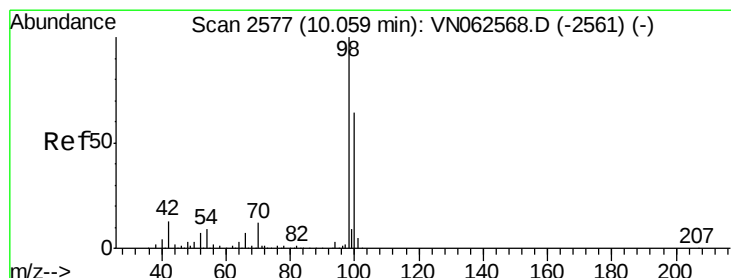
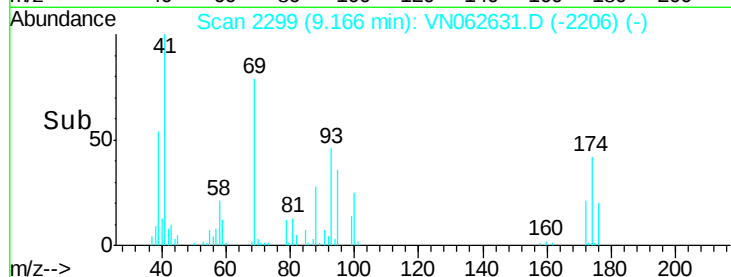
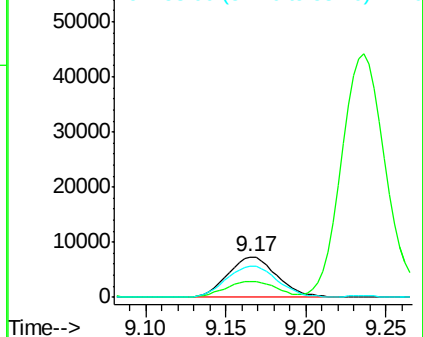
#49
1,4-Dioxane
Concen: 396.076 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. 0.00 min
Lab File: VN062631.D
Acq: 28 Jul 2020 13:46

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 88 Resp: 15426
Ion Ratio Lower Upper
88 100
43 40.8 32.0 48.0
58 80.1 62.8 94.2

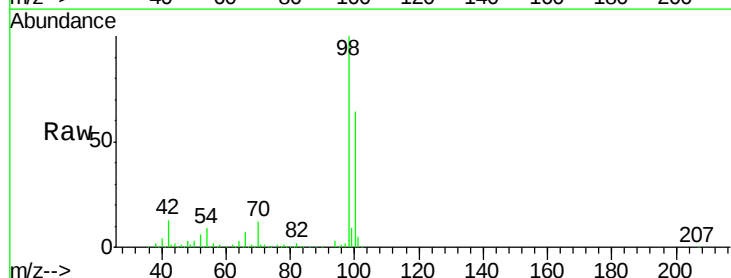


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

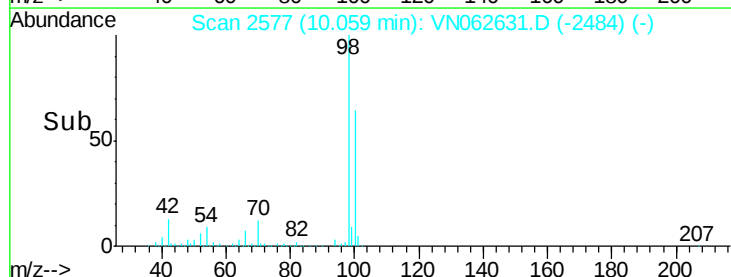
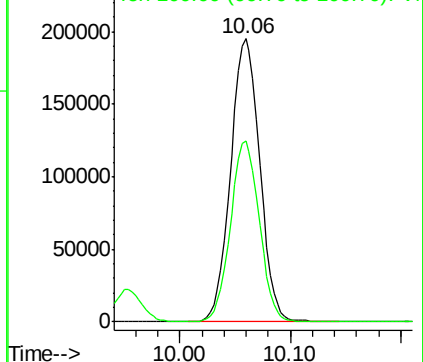


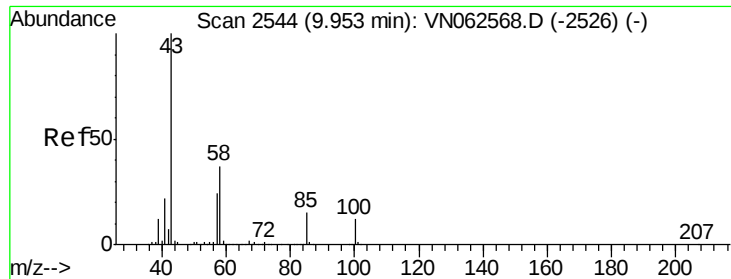
#50
Toluene-d8
Concen: 47.435 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN062631.D
Acq: 28 Jul 2020 13:46

Tgt Ion: 98 Resp: 358039
Ion Ratio Lower Upper
98 100
100 62.9 50.9 76.3



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

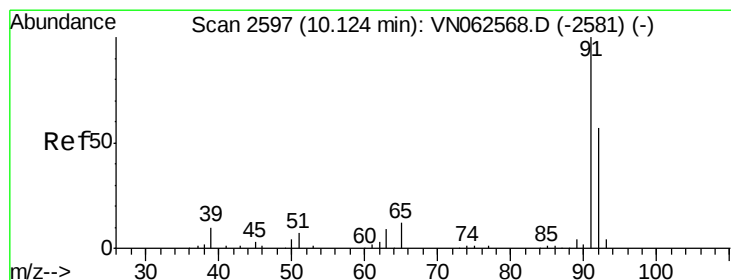
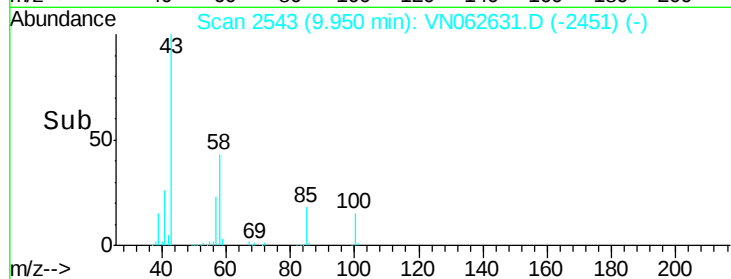
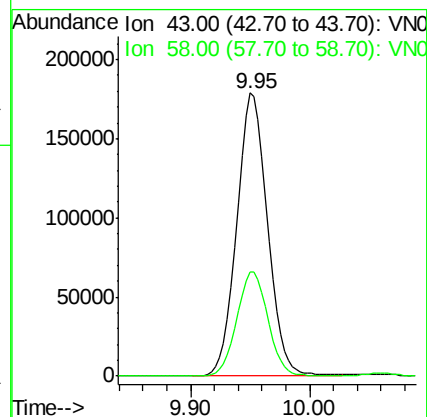
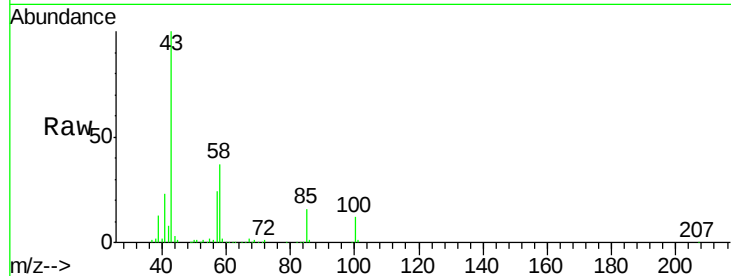




#51
4-Methyl-2-Pentanone
Concen: 100.157 ug/l
RT: 9.95 min Scan# 2543
Delta R.T. -0.00 min
Lab File: VN062631.D
Acq: 28 Jul 2020 13:46

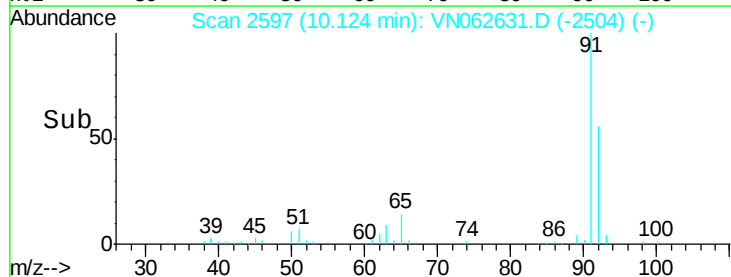
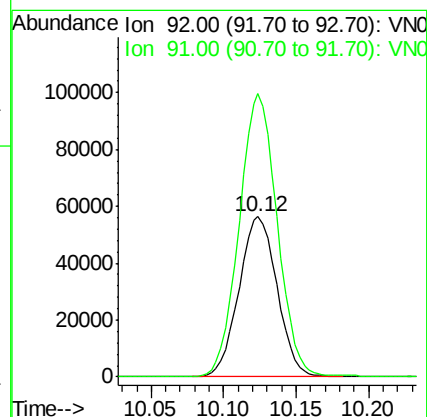
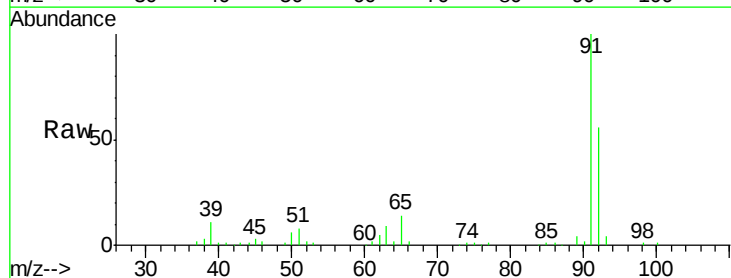
Instrument :
MSVOA_N
ClientSampled :

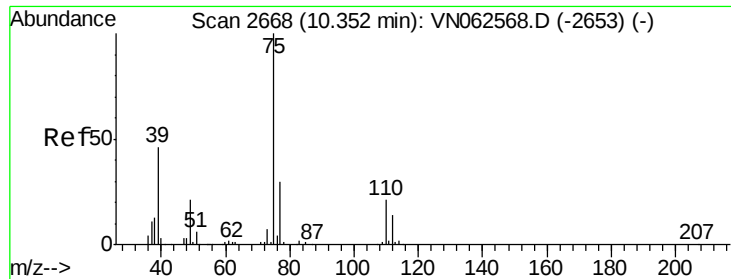
Tot Ion: 43 Resp: 319681
Ion Ratio Lower Upper
43 100
58 37.3 29.8 44.6



#52
Toluene
Concen: 19.143 ug/l
RT: 10.12 min Scan# 2597
Delta R.T. 0.00 min
Lab File: VN062631.D
Acq: 28 Jul 2020 13:46

Tgt Ion: 92 Resp: 103307
Ion Ratio Lower Upper
92 100
91 175.3 139.4 209.2





#53

t-1,3-Dichloropropene

Concen: 19.517 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. 0.00 min

Lab File: VN062631.D

Acq: 28 Jul 2020 13:46

Instrument :

MSVOA_N

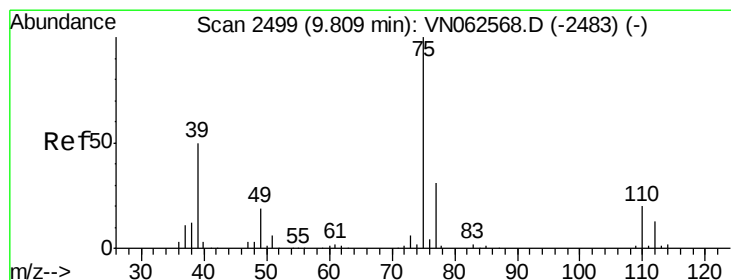
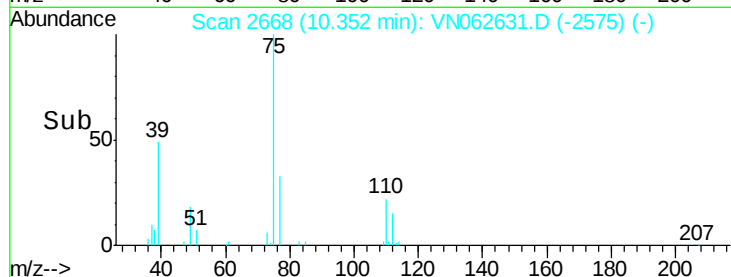
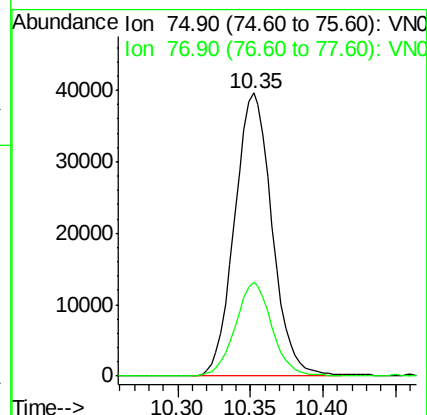
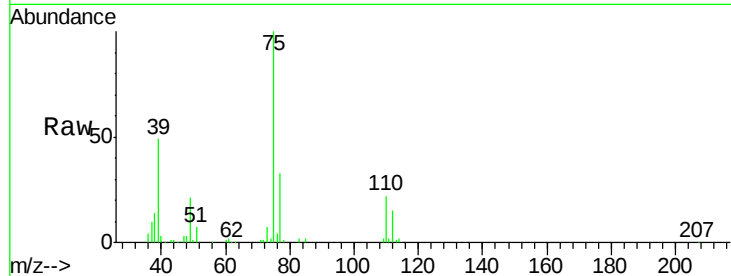
ClientSampleId :

Tot Ion: 75 Resp: 70990

Ion Ratio Lower Upper

75 100

77 33.1 24.3 36.5



#54

cis-1,3-Dichloropropene

Concen: 19.521 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. 0.00 min

Lab File: VN062631.D

Acq: 28 Jul 2020 13:46

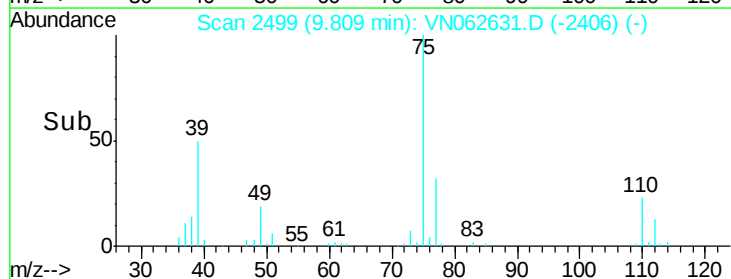
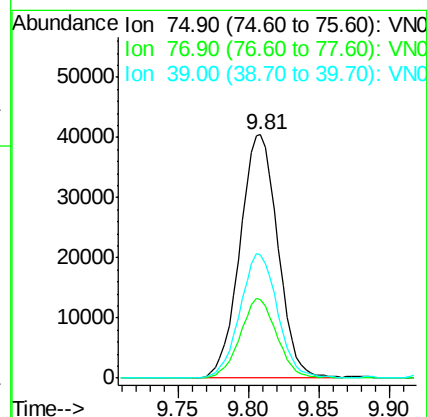
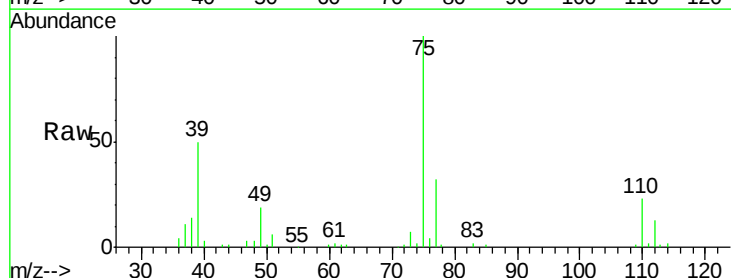
Tgt Ion: 75 Resp: 76190

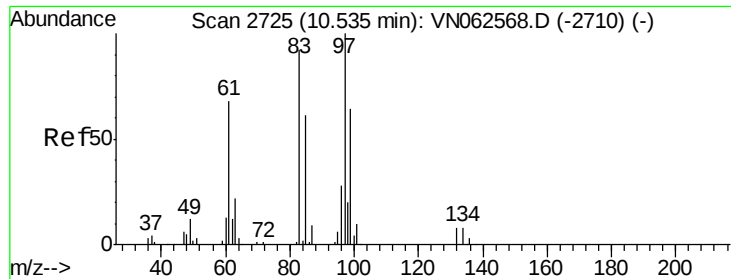
Ion Ratio Lower Upper

75 100

77 32.4 25.0 37.6

39 50.5 39.8 59.8

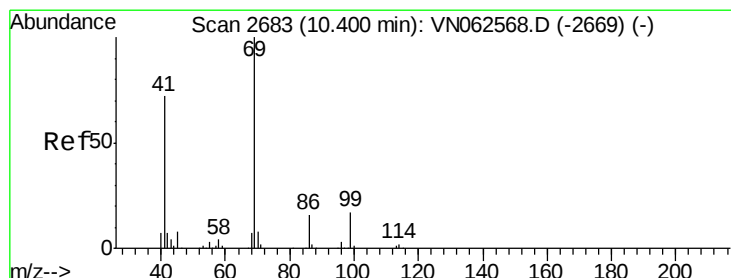
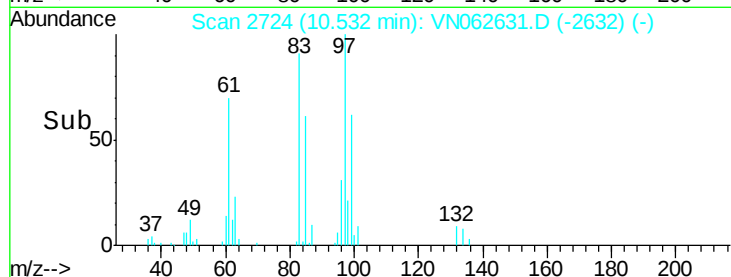
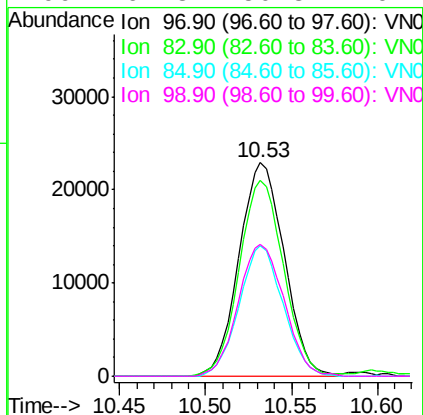
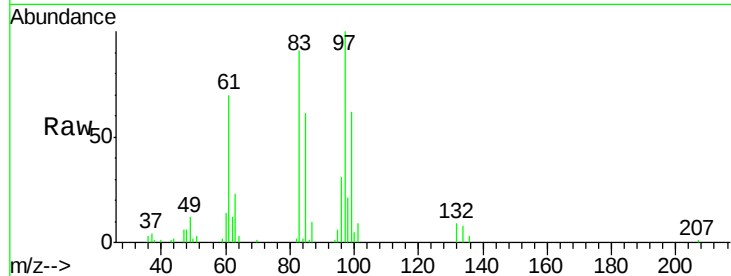




#55
 1,1,2-Trichloroethane
 Concen: 20.022 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062631.D
 Acq: 28 Jul 2020 13:46

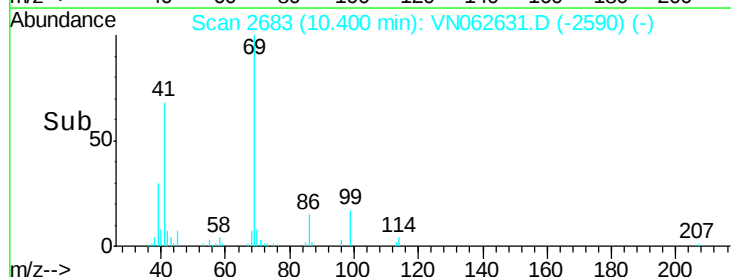
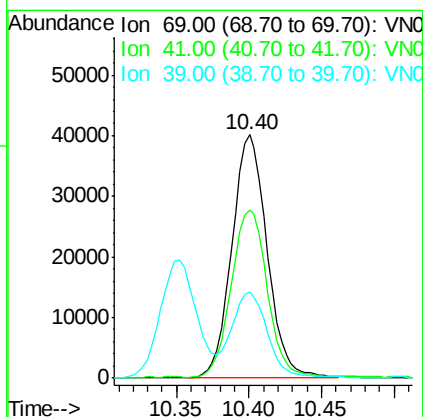
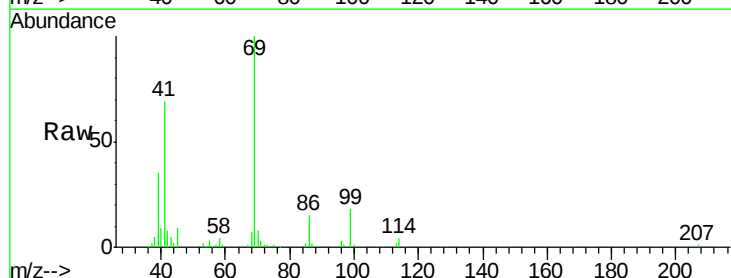
Instrument :
 MSVOA_N
 ClientSampleId :

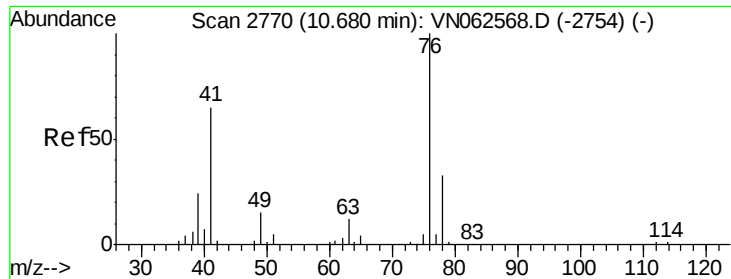
Tot Ion:	97	Resp:	41911
Ion	Ratio	Lower	Upper
97	100		
83	91.5	73.7	110.5
85	61.4	48.5	72.7
99	61.8	50.8	76.2



#56
 Ethyl methacrylate
 Concen: 19.175 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN062631.D
 Acq: 28 Jul 2020 13:46

Tgt Ion:	69	Resp:	67822
Ion	Ratio	Lower	Upper
69	100		
41	71.4	57.2	85.8
39	36.2	28.6	43.0

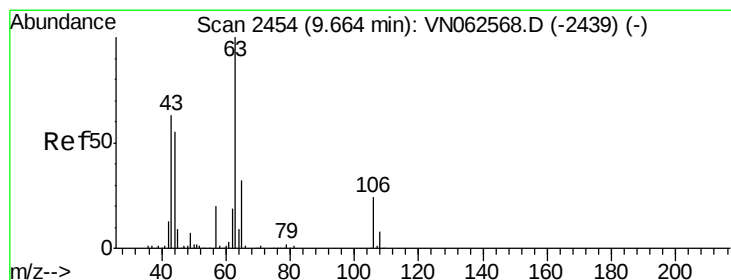
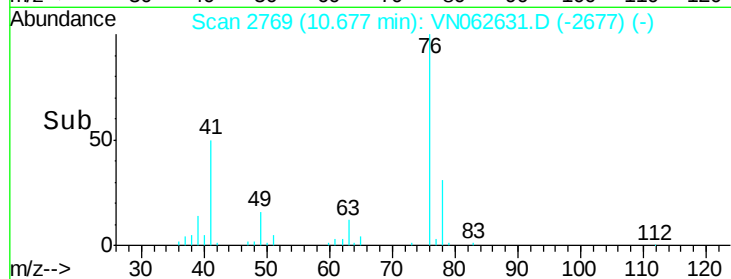
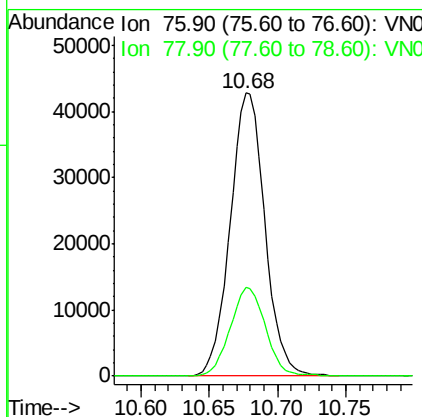
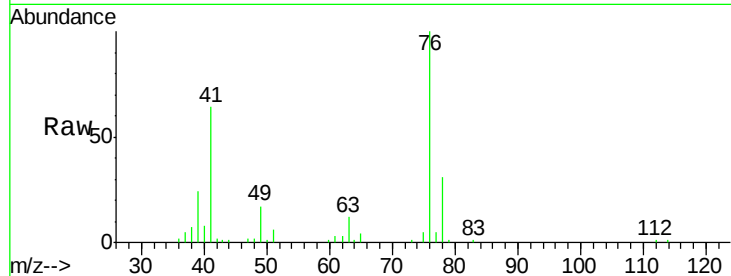




#57
 1,3-Dichloropropane
 Concen: 19.718 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN062631.D
 Acq: 28 Jul 2020 13:46

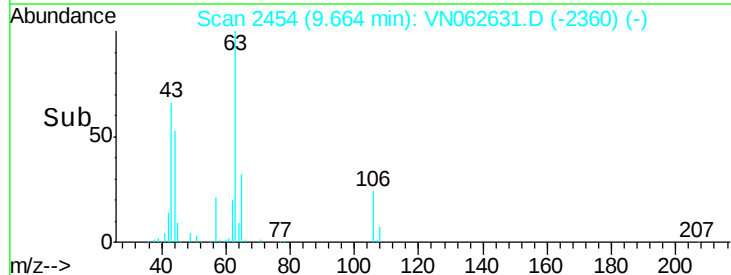
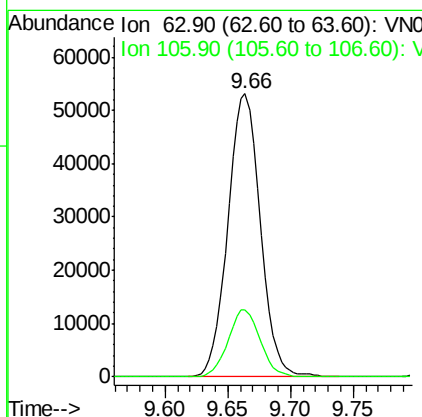
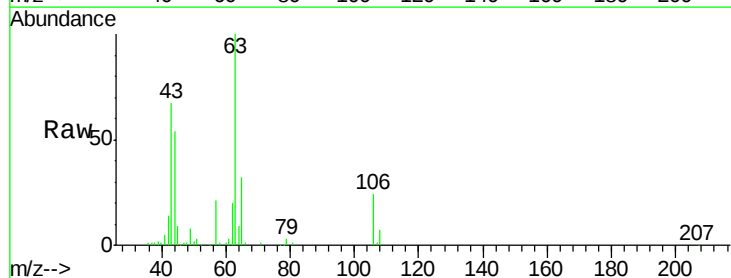
Instrument :
 MSVOA_N
 ClientSampleId :

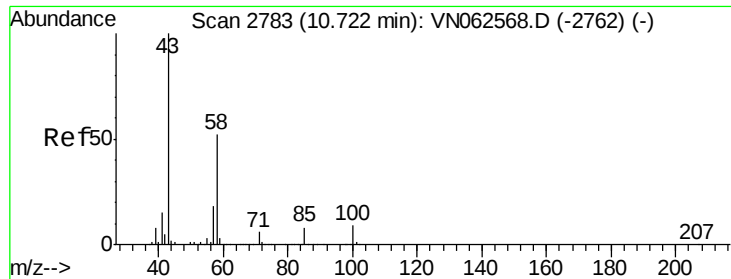
Tot Ion: 76 Resp: 75617
 Ion Ratio Lower Upper
 76 100
 78 31.8 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 95.478 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062631.D
 Acq: 28 Jul 2020 13:46

Tgt Ion: 63 Resp: 95634
 Ion Ratio Lower Upper
 63 100
 106 23.5 18.9 28.3

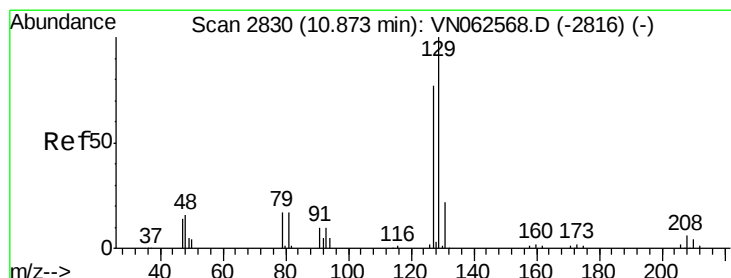
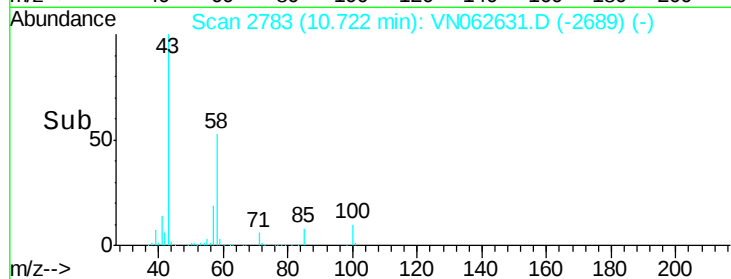
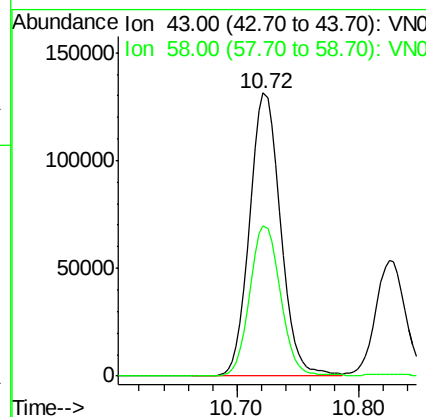
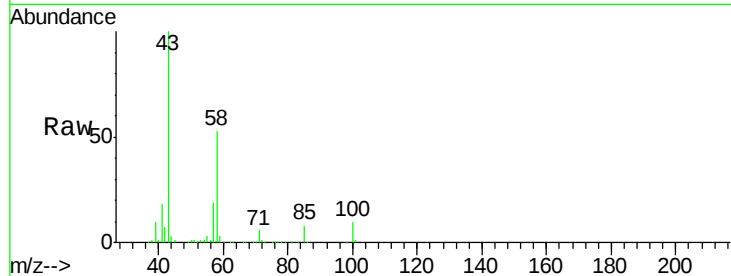




#59
2-Hexanone
Concen: 94.865 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN062631.D
Acq: 28 Jul 2020 13:46

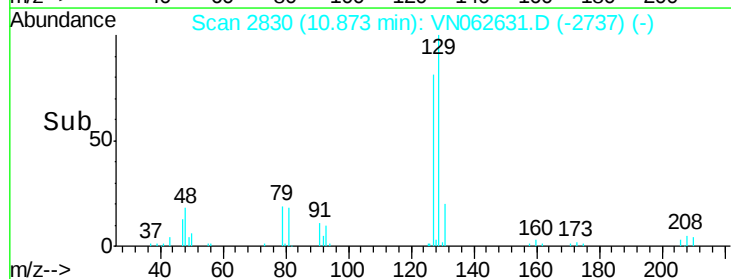
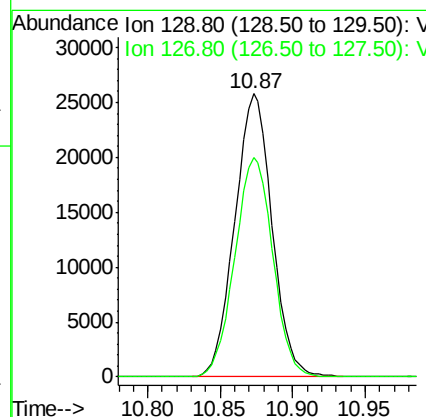
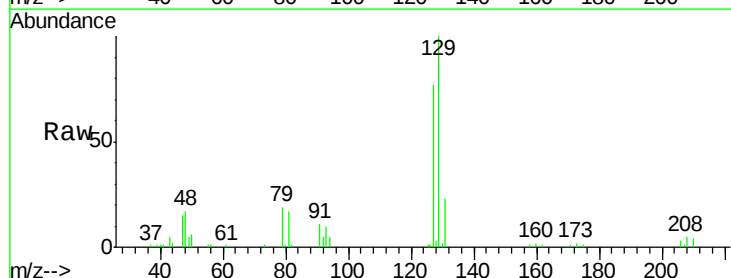
Instrument :
MSVOA_N
ClientSampleId :

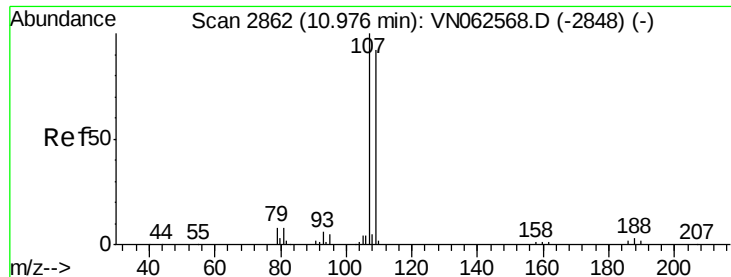
Tot Ion: 43 Resp: 229582
Ion Ratio Lower Upper
43 100
58 52.8 26.0 78.0



#60
Dibromochloromethane
Concen: 19.725 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. 0.00 min
Lab File: VN062631.D
Acq: 28 Jul 2020 13:46

Tgt Ion: 129 Resp: 46061
Ion Ratio Lower Upper
129 100
127 78.7 38.0 113.9

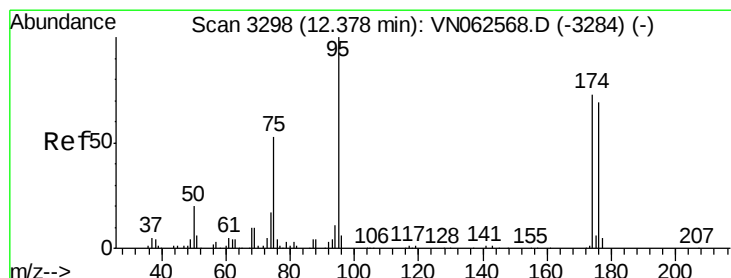
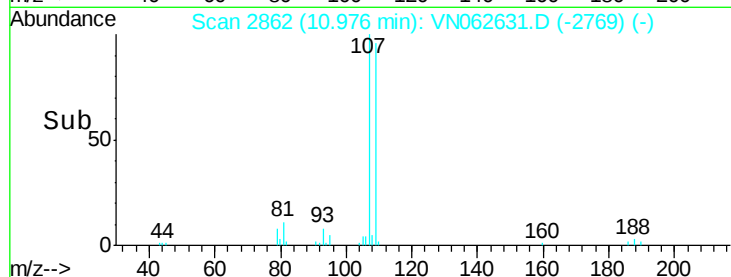
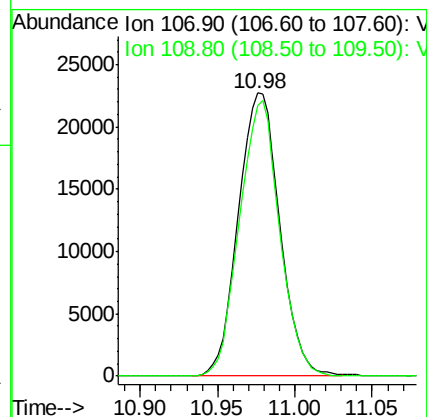
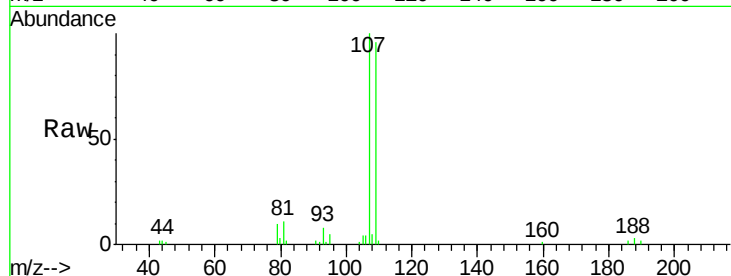




#61
 1,2-Dibromoethane
 Concen: 19.393 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. 0.00 min
 Lab File: VN062631.D
 Acq: 28 Jul 2020 13:46

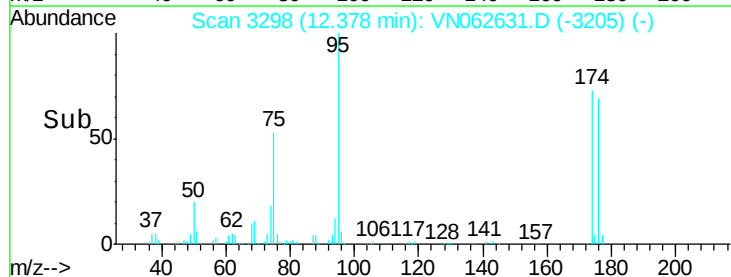
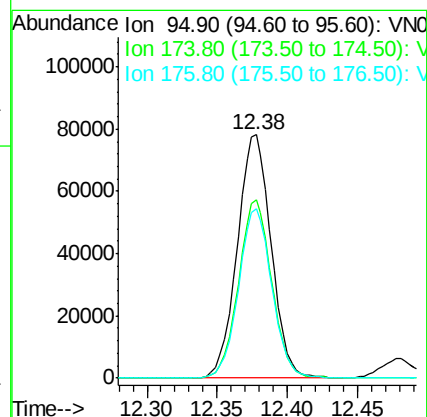
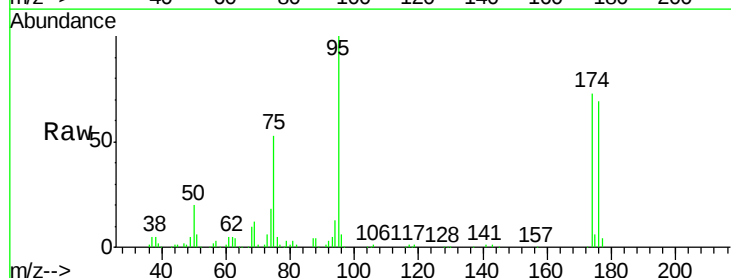
Instrument :
 MSVOA_N
 ClientSampled :

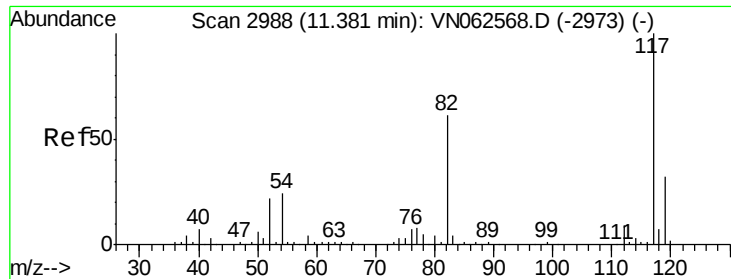
Tot Ion: 107 Resp: 42270
 Ion Ratio Lower Upper
 107 100
 109 94.2 73.8 110.6



#62
 4-Bromofluorobenzene
 Concen: 47.614 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VN062631.D
 Acq: 28 Jul 2020 13:46

Tgt Ion: 95 Resp: 131407
 Ion Ratio Lower Upper
 95 100
 174 71.8 0.0 144.6
 176 68.4 0.0 139.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN062631.D

Acq: 28 Jul 2020 13:46

Instrument :

MSVOA_N

ClientSampled :

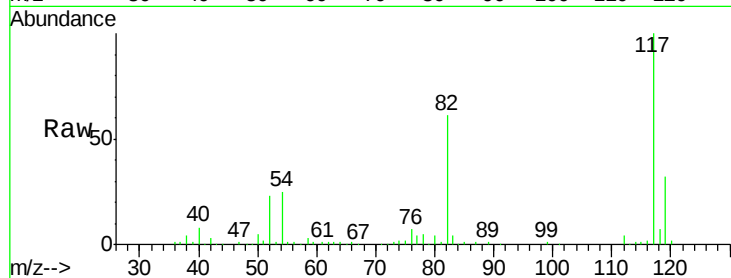
Tot Ion:117 Resp: 268208

Ion Ratio Lower Upper

117 100

82 61.5 49.0 73.6

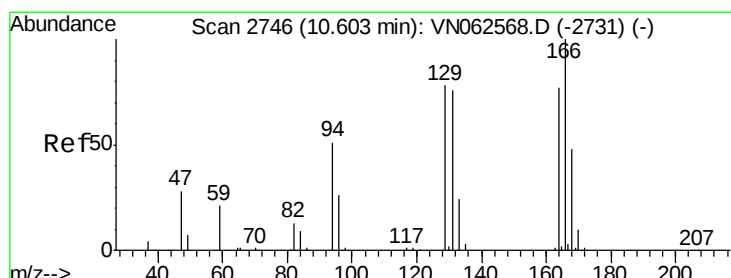
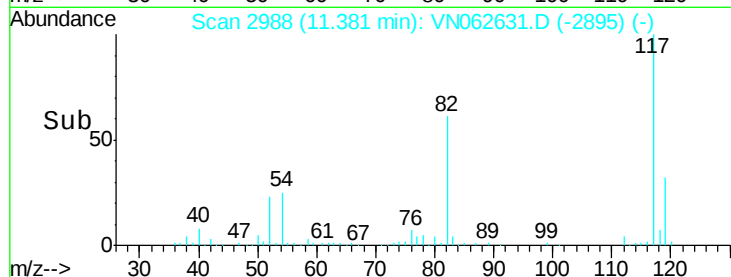
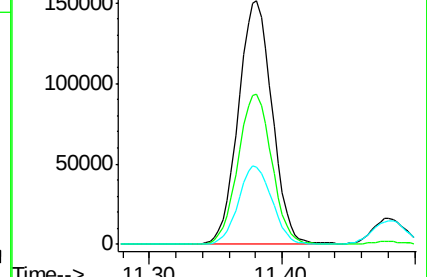
119 31.9 25.4 38.2



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 19.177 ug/l

RT: 10.60 min Scan# 2745

Delta R.T. -0.00 min

Lab File: VN062631.D

Acq: 28 Jul 2020 13:46

Tgt Ion:164 Resp: 33419

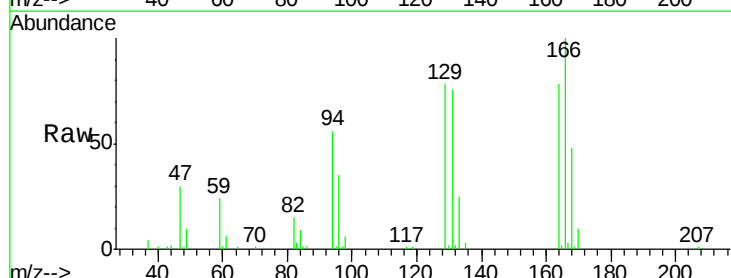
Ion Ratio Lower Upper

164 100

166 128.4 104.4 156.6

129 100.1 81.0 121.4

131 98.1 79.4 119.2

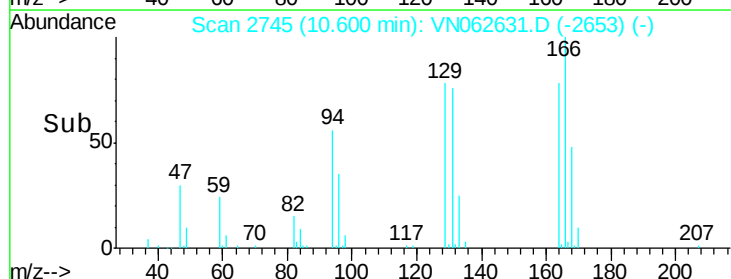
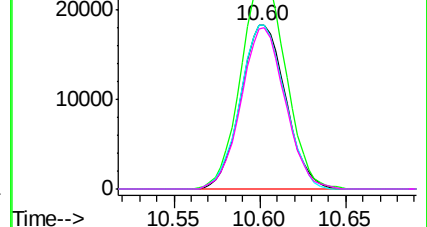


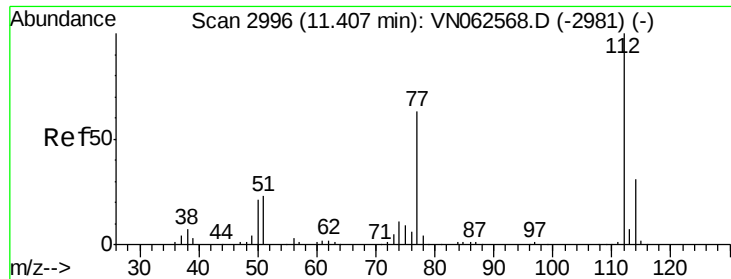
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V

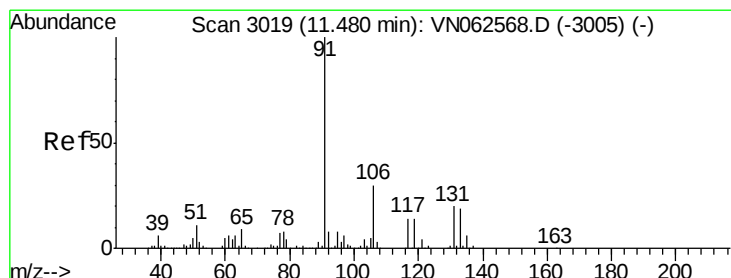
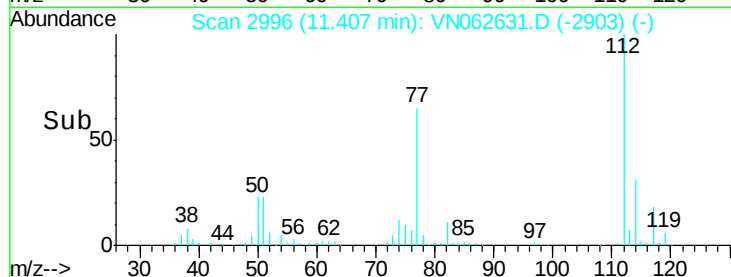
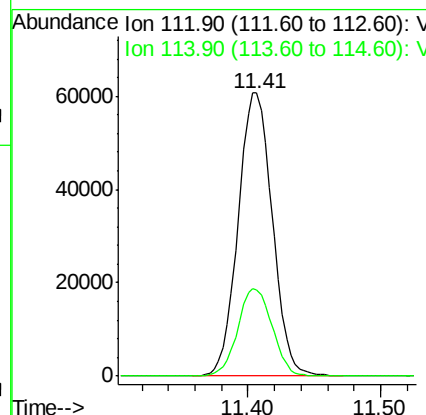
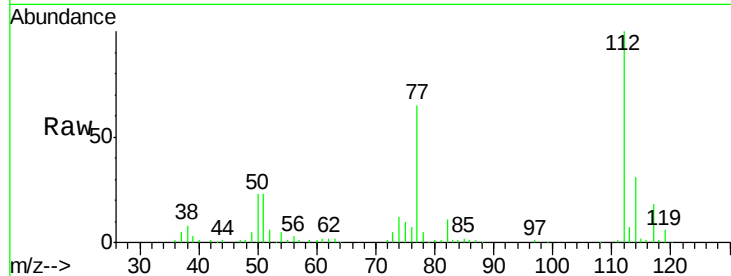




#65
Chlorobenzene
Concen: 19.373 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN062631.D
Acq: 28 Jul 2020 13:46

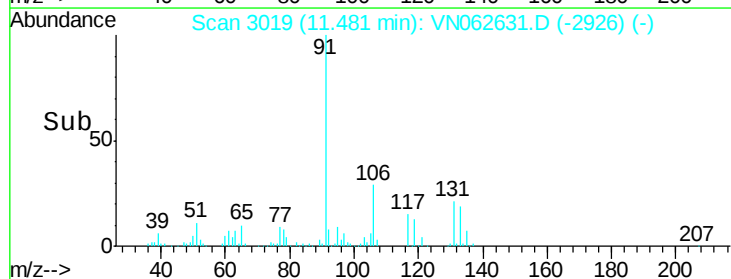
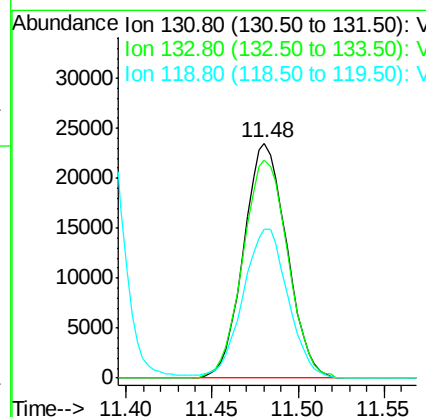
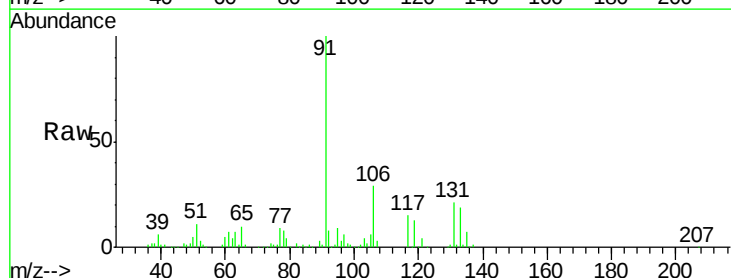
Instrument :
MSVOA_N
ClientSampleId :

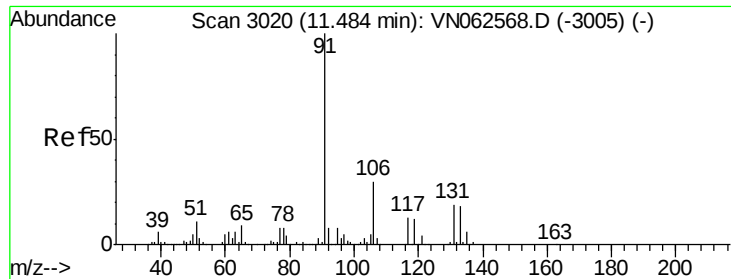
Tot Ion:112 Resp: 108932
Ion Ratio Lower Upper
112 100
114 30.6 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 19.339 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. 0.00 min
Lab File: VN062631.D
Acq: 28 Jul 2020 13:46

Tgt Ion:131 Resp: 40908
Ion Ratio Lower Upper
131 100
133 96.8 47.3 142.0
119 66.0 33.7 101.0

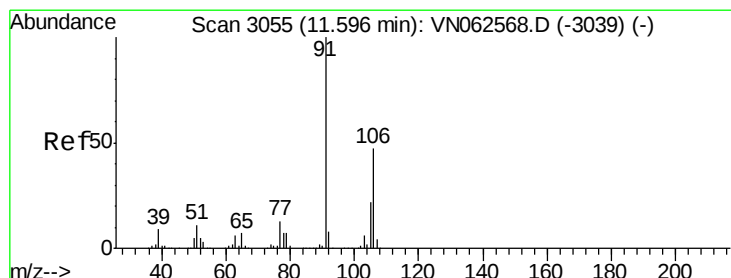
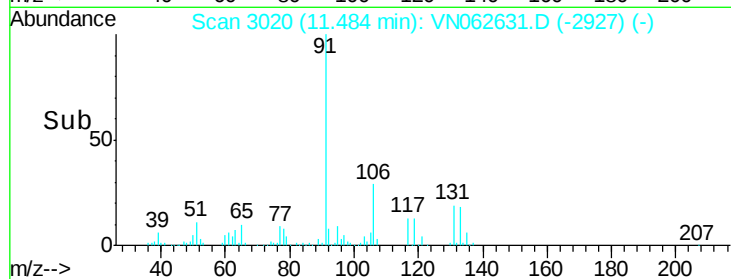
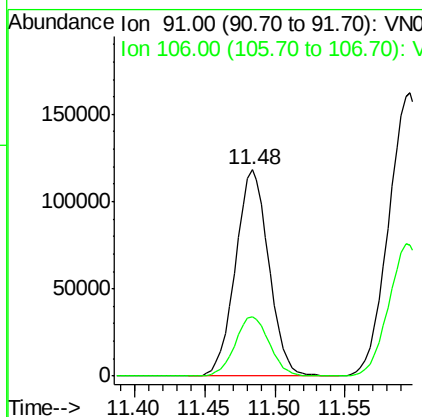
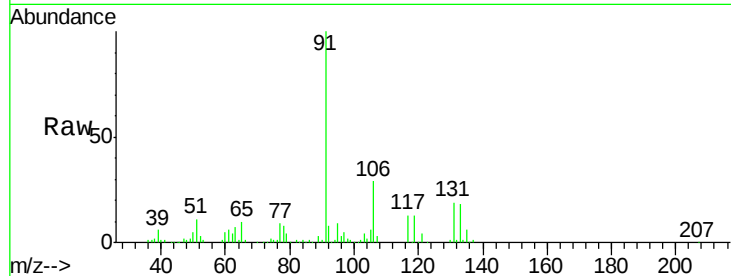




#67
Ethyl Benzene
Concen: 19.014 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN062631.D
Acq: 28 Jul 2020 13:46

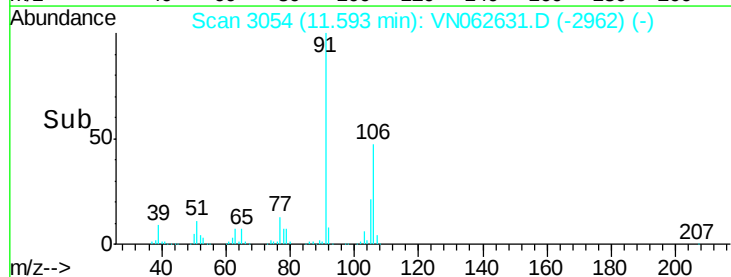
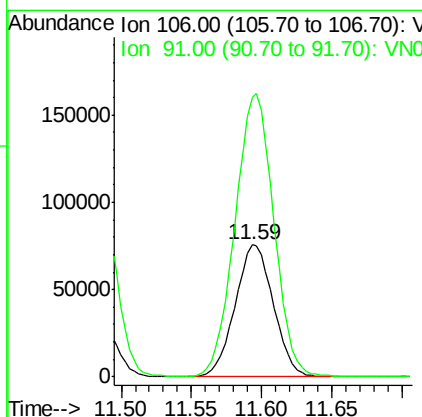
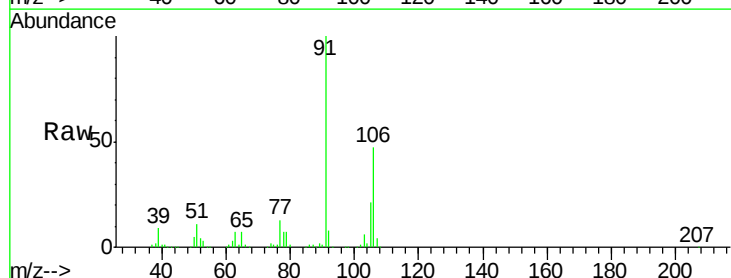
Instrument :
MSVOA_N
ClientSampled :

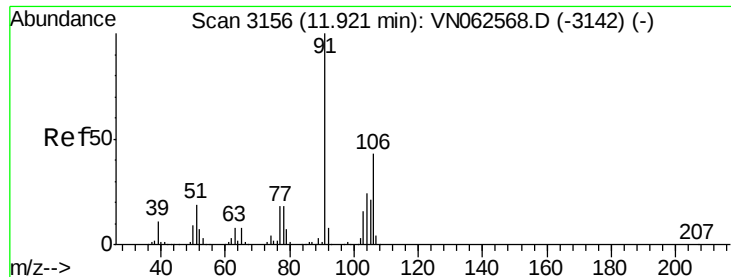
Tot Ion: 91 Resp: 196027
Ion Ratio Lower Upper
91 100
106 29.0 23.8 35.8



#68
m/p-Xylenes
Concen: 38.884 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN062631.D
Acq: 28 Jul 2020 13:46

Tgt Ion: 106 Resp: 144084
Ion Ratio Lower Upper
106 100
91 216.5 171.4 257.2

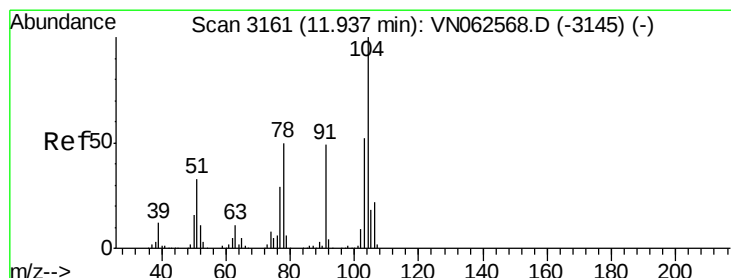
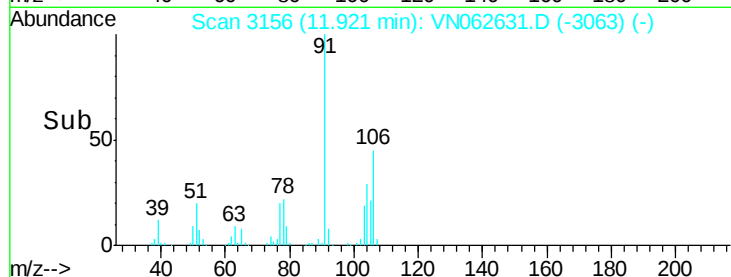
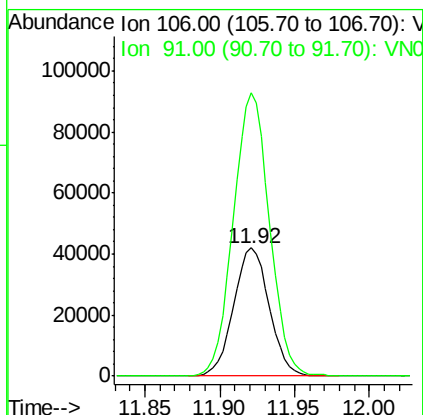
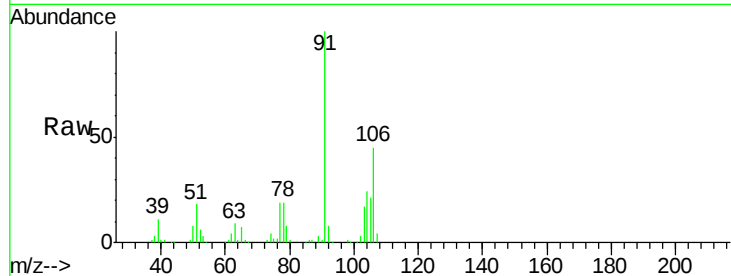




#69
o-Xylene
Concen: 19.800 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN062631.D
Acq: 28 Jul 2020 13:46

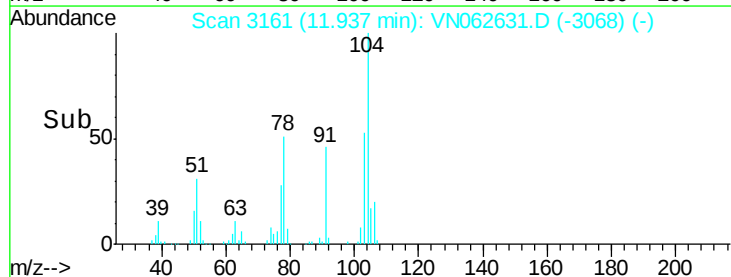
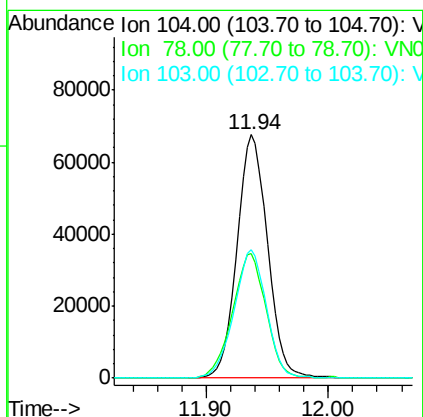
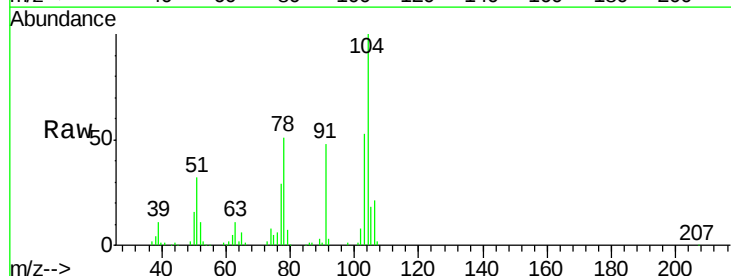
Instrument :
MSVOA_N
ClientSampled :

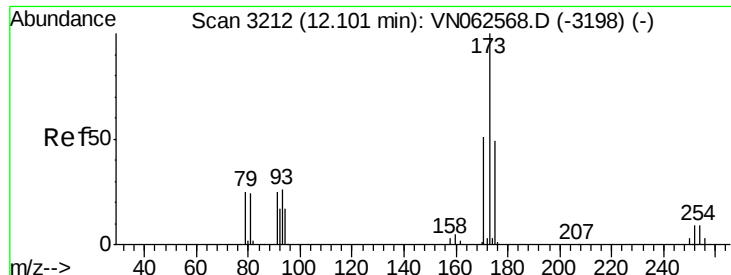
Tot Ion:106 Resp: 69670
Ion Ratio Lower Upper
106 100
91 223.9 113.8 341.2



#70
Styrene
Concen: 19.685 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN062631.D
Acq: 28 Jul 2020 13:46

Tgt Ion:104 Resp: 117011
Ion Ratio Lower Upper
104 100
78 56.1 43.8 65.6
103 55.9 44.0 66.0





#71

Bromoform

Concen: 20.211 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. 0.00 min

Lab File: VN062631.D

Acq: 28 Jul 2020 13:46

Instrument :

MSVOA_N

ClientSampled :

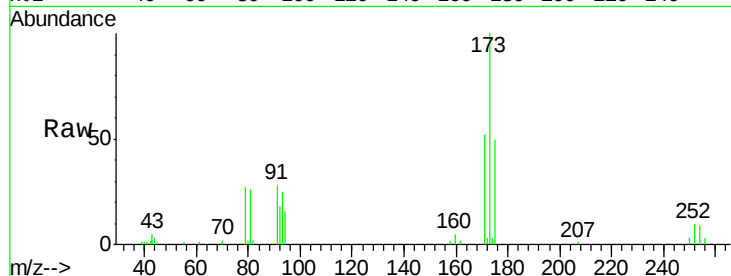
Tot Ion:173 Resp: 32100

Ion Ratio Lower Upper

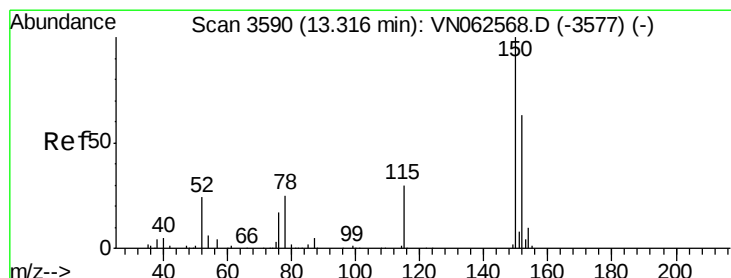
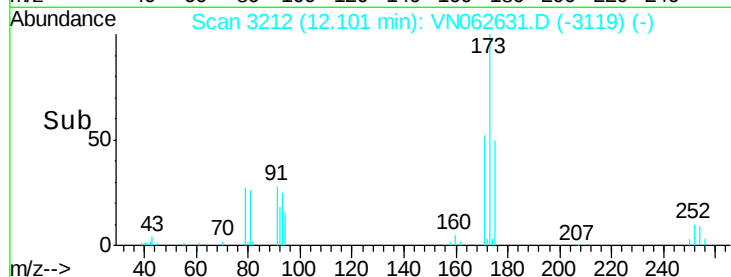
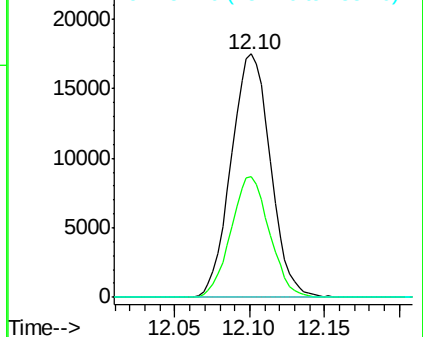
173 100

175 48.5 24.1 72.2

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3590

Delta R.T. 0.00 min

Lab File: VN062631.D

Acq: 28 Jul 2020 13:46

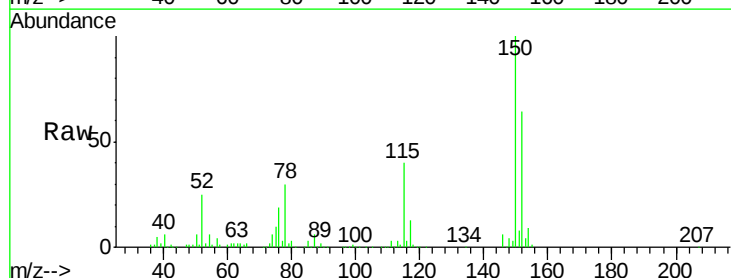
Tgt Ion:152 Resp: 126582

Ion Ratio Lower Upper

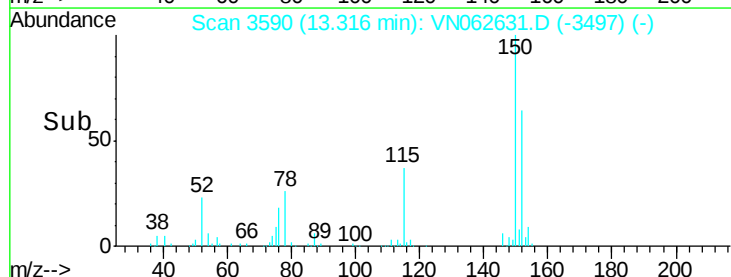
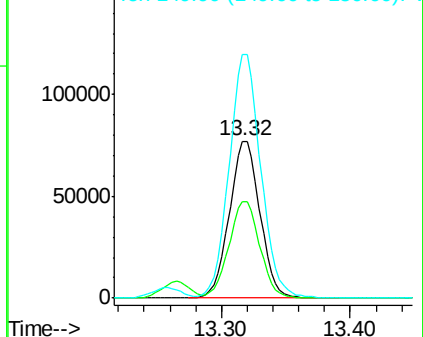
152 100

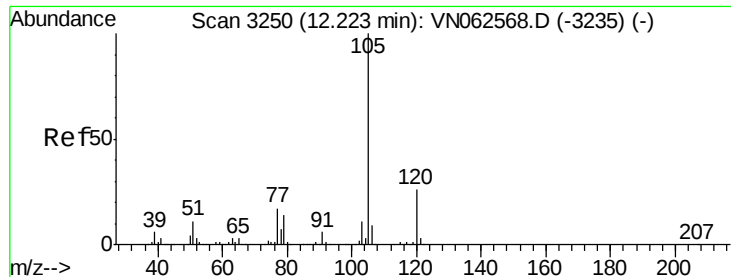
115 62.6 31.8 95.4

150 160.5 0.0 351.4



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





#73

Isopropylbenzene

Concen: 18.923 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN062631.D

Acq: 28 Jul 2020 13:46

Instrument :

MSVOA_N

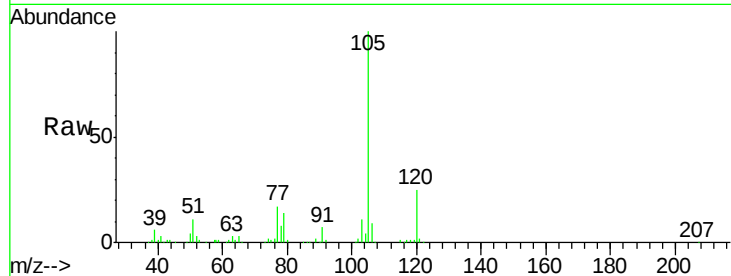
ClientSampleId :

Tot Ion:105 Resp: 189404

Ion Ratio Lower Upper

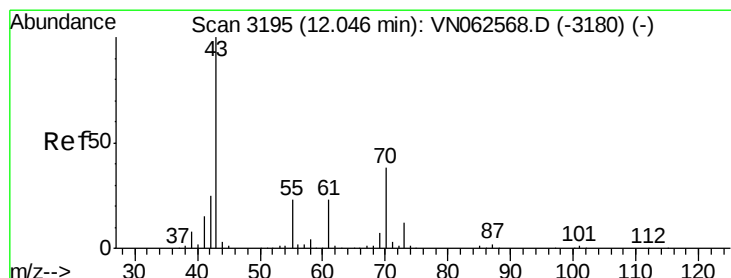
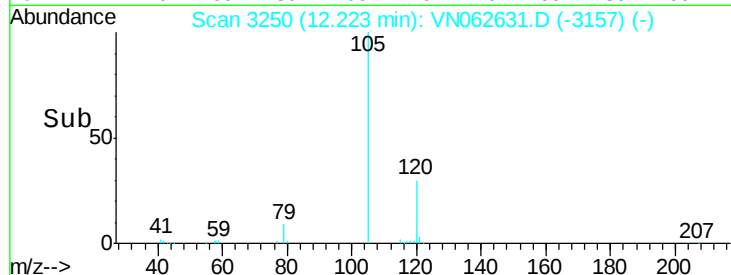
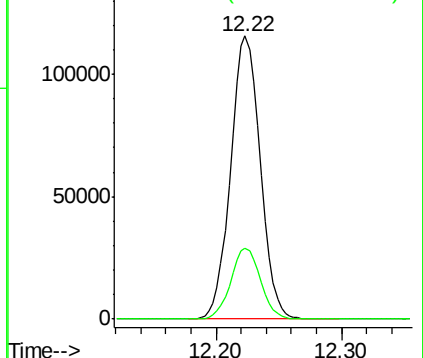
105 100

120 25.1 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.433 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN062631.D

Acq: 28 Jul 2020 13:46

Tgt Ion: 43 Resp: 86864

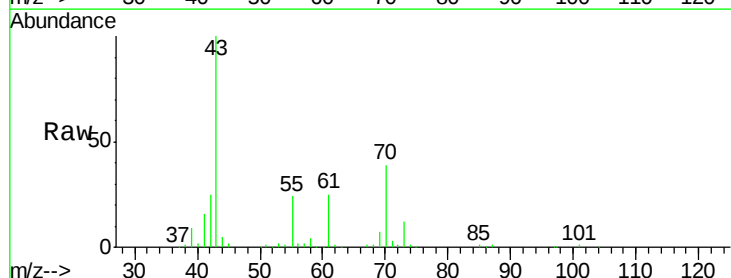
Ion Ratio Lower Upper

43 100

70 37.5 30.5 45.7

55 24.4 19.0 28.6

61 23.9 18.4 27.6

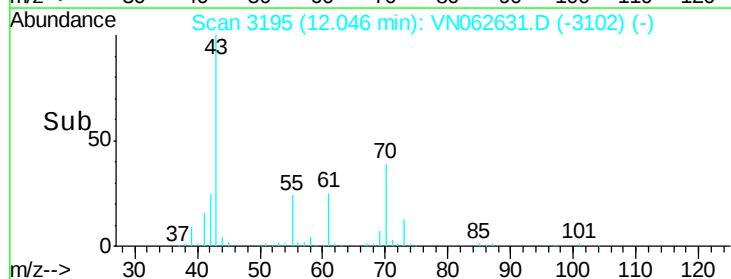
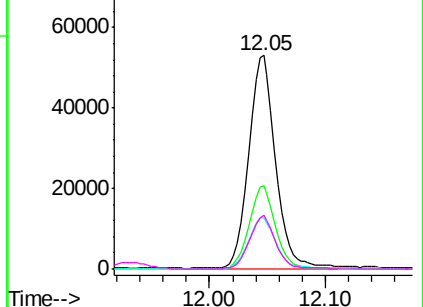


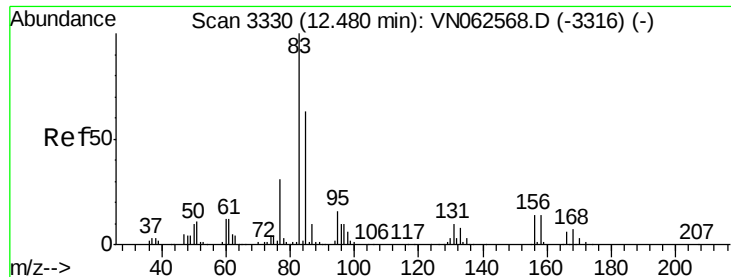
Abundance Ion 43.00 (42.70 to 43.70): VN0

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: 18.509 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062631.D

Acq: 28 Jul 2020 13:46

Instrument :

MSVOA_N

ClientSampleId :

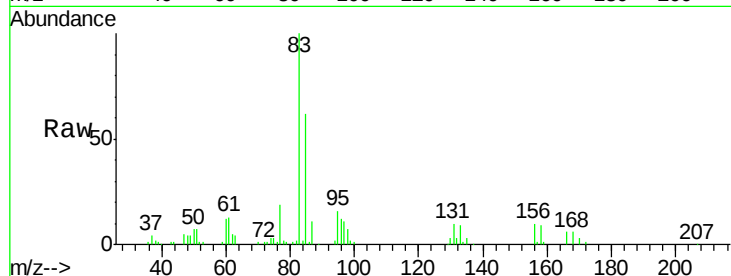
Tot Ion: 83 Resp: 64375

Ion Ratio Lower Upper

83 100

131 9.8 4.8 14.3

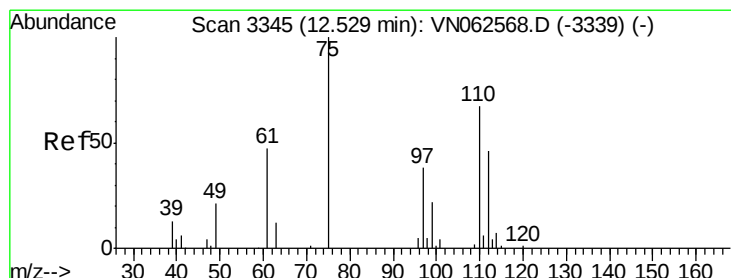
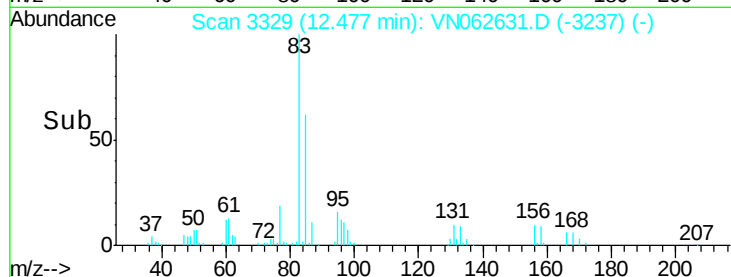
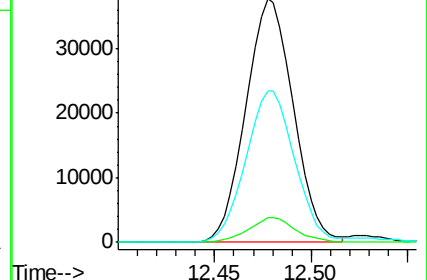
85 64.0 31.8 95.4



Abundance Ion 82.90 (82.60 to 83.60): VN062631.D (-3237) (-)

Ion 130.80 (130.50 to 131.50): VN062631.D (-3237) (-)

Ion 84.90 (84.60 to 85.60): VN062631.D (-3237) (-)



#76

1,2,3-Trichloropropane

Concen: 26.420 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN062631.D

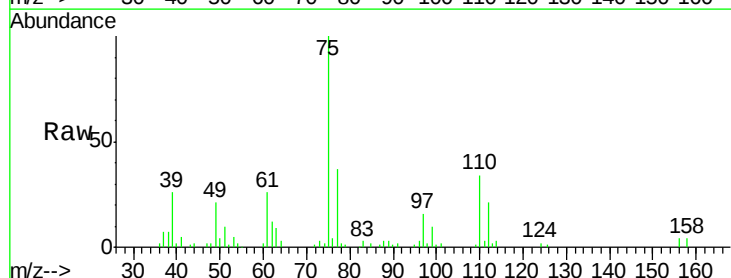
Acq: 28 Jul 2020 13:46

Tgt Ion: 75 Resp: 85123

Ion Ratio Lower Upper

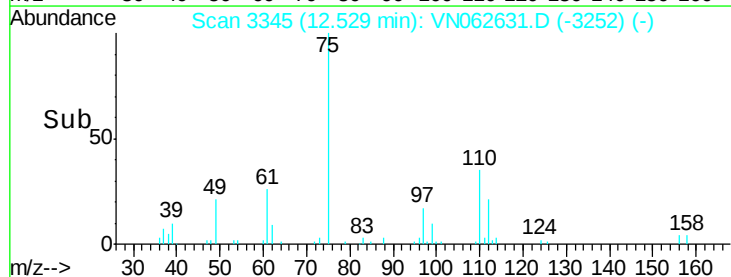
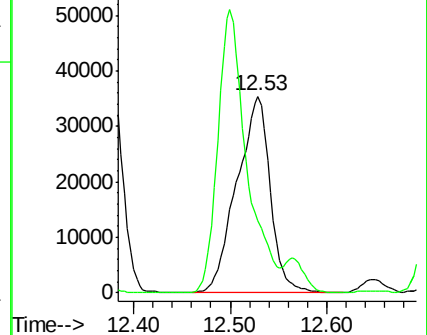
75 100

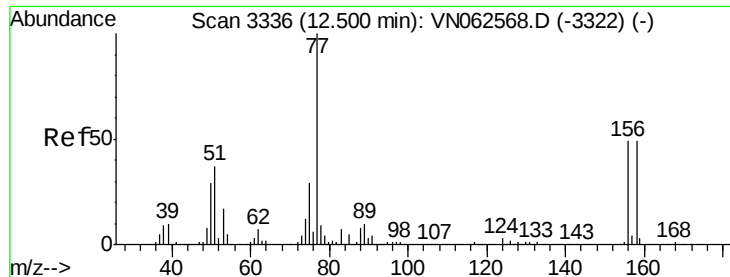
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN062631.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN062631.D (-3252) (-)





#77

Bromobenzene

Concen: 18.560 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN062631.D

Acq: 28 Jul 2020 13:46

Instrument :

MSVOA_N

ClientSampled :

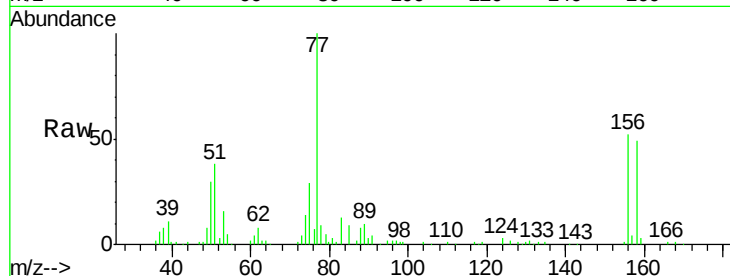
Tot Ion:156 Resp: 44642

Ion Ratio Lower Upper

156 100

77 238.7 122.8 368.3

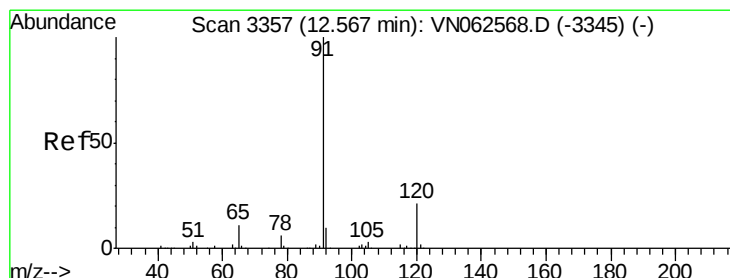
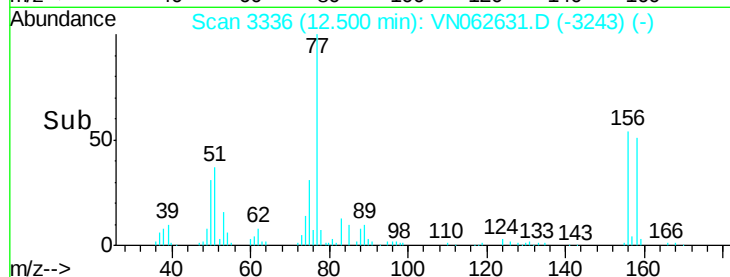
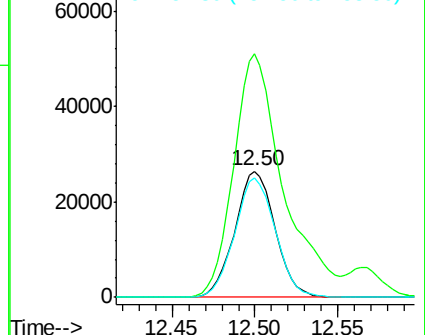
158 96.0 49.4 148.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.898 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN062631.D

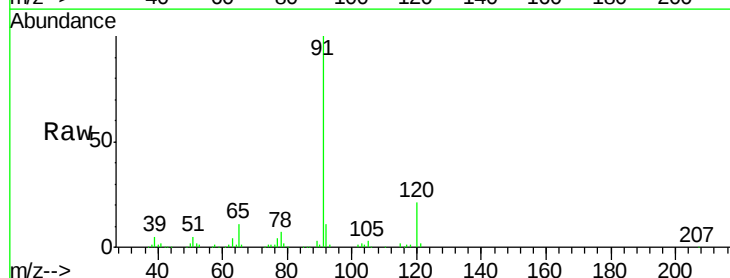
Acq: 28 Jul 2020 13:46

Tgt Ion: 91 Resp: 221558

Ion Ratio Lower Upper

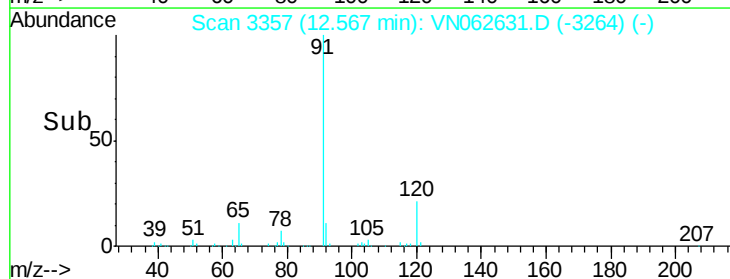
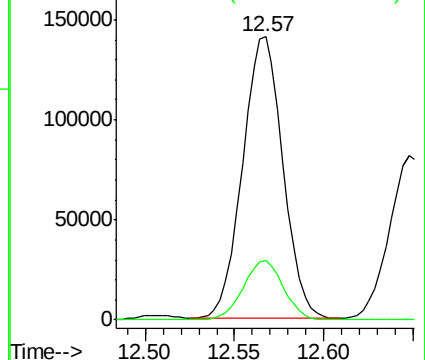
91 100

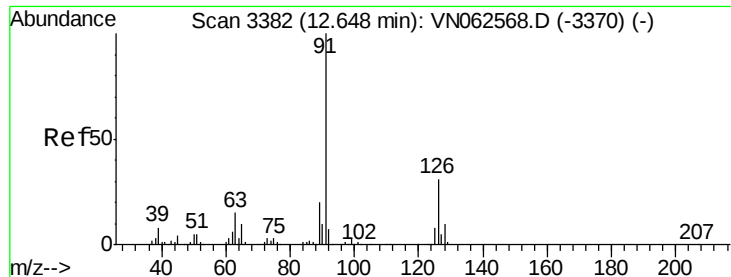
120 21.0 10.9 32.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.536 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. 0.00 min

Lab File: VN062631.D

Acq: 28 Jul 2020 13:46

Instrument :

MSVOA_N

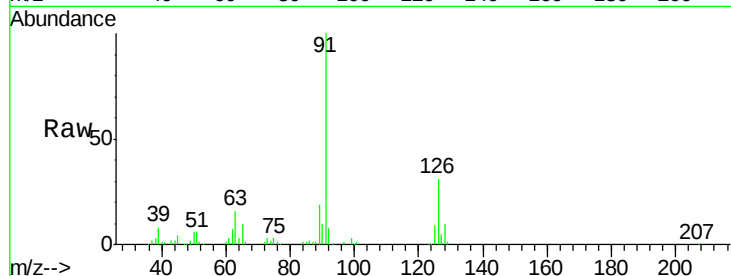
ClientSampleId :

Tot Ion: 91 Resp: 133930

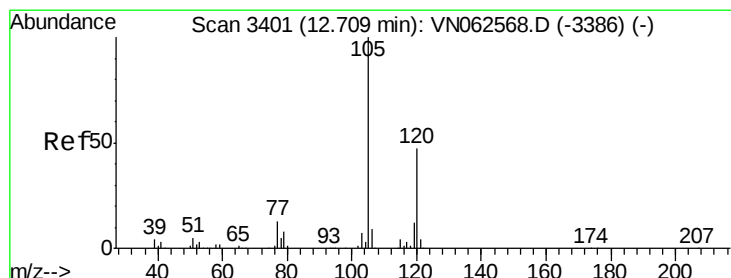
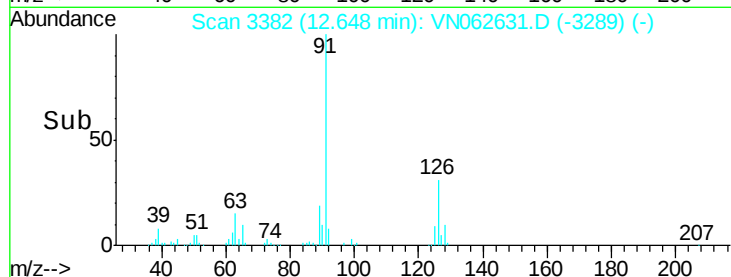
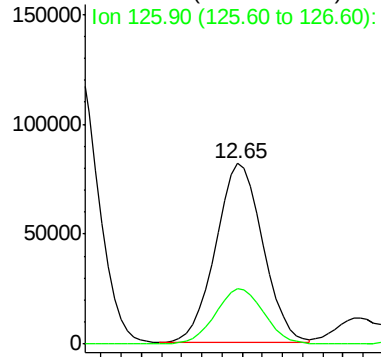
Ion Ratio Lower Upper

91 100

126 31.8 15.9 47.6



Abundance Ion 91.00 (90.70 to 91.70): VN062631.D (-3382) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.689 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN062631.D

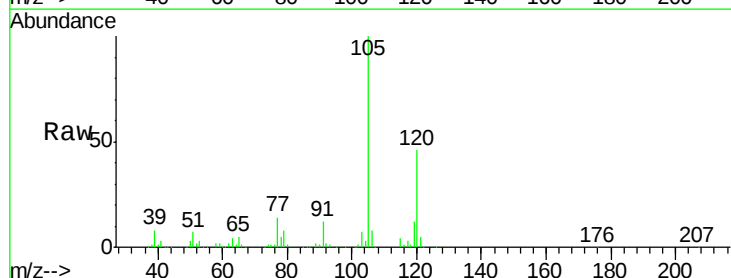
Acq: 28 Jul 2020 13:46

Tgt Ion:105 Resp: 163469

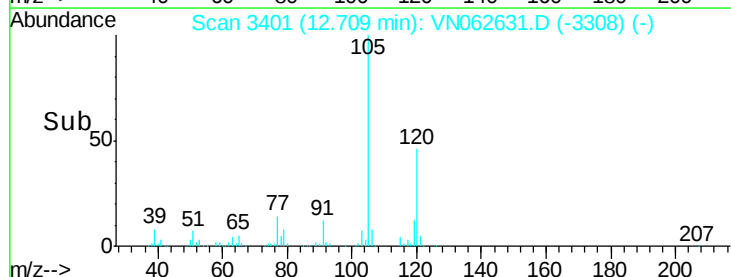
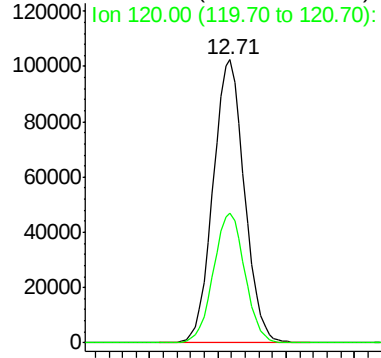
Ion Ratio Lower Upper

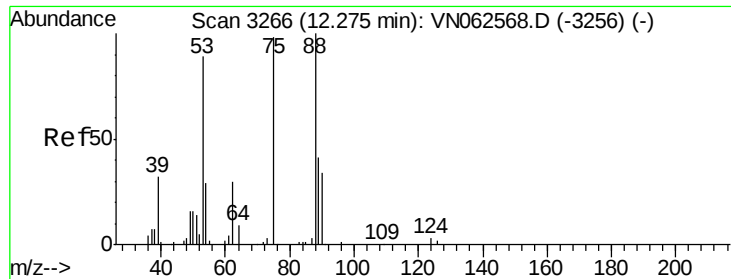
105 100

120 45.8 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): VN062631.D (-3401) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 18.903 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN062631.D

Acq: 28 Jul 2020 13:46

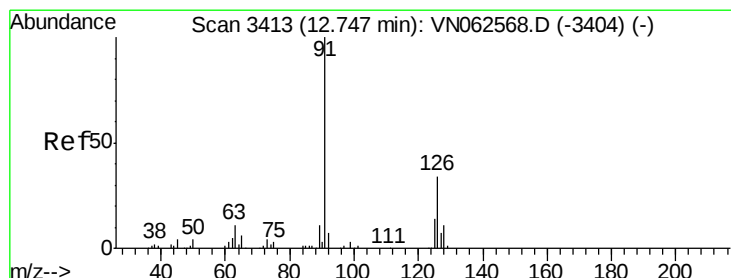
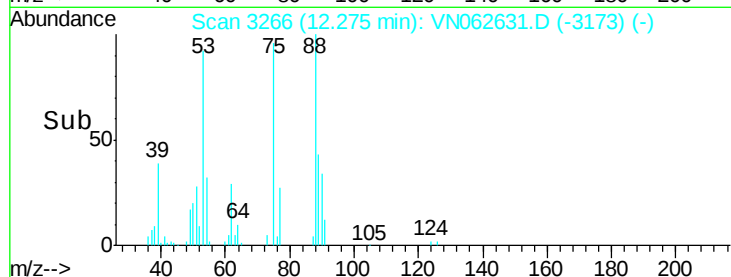
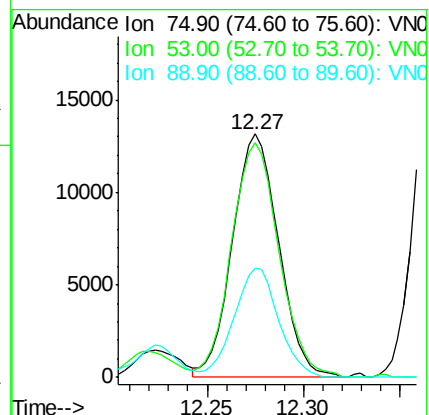
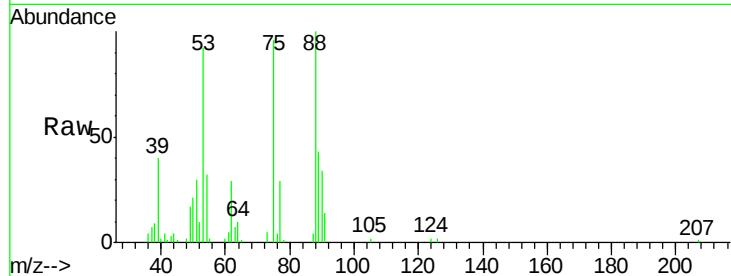
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 75 Resp: 21879

Ion	Ratio	Lower	Upper
75	100		
53	99.3	75.4	113.0
89	43.2	34.5	51.7



#82

4-Chlorotoluene

Concen: 18.502 ug/l

RT: 12.75 min Scan# 3413

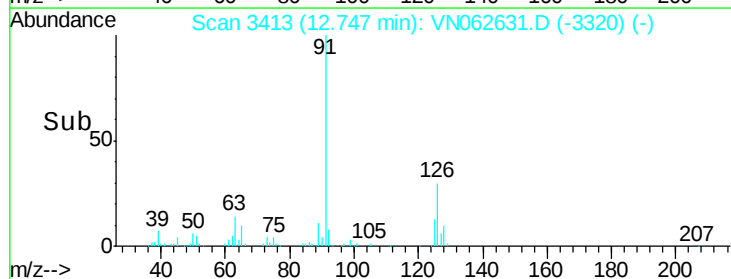
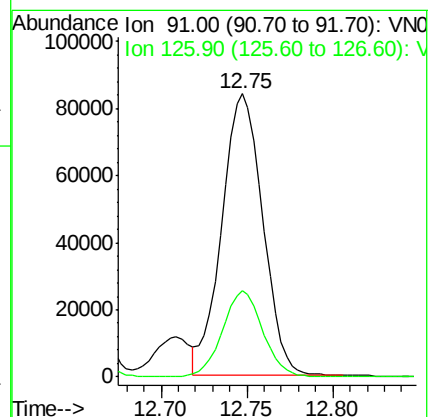
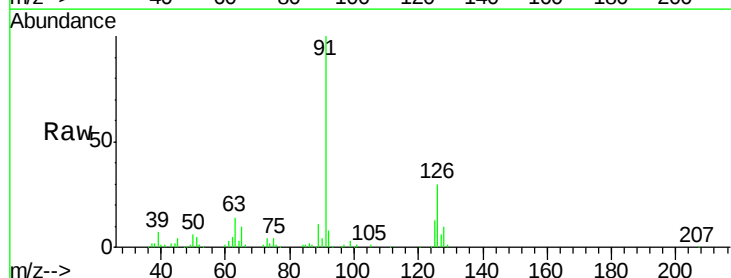
Delta R.T. 0.00 min

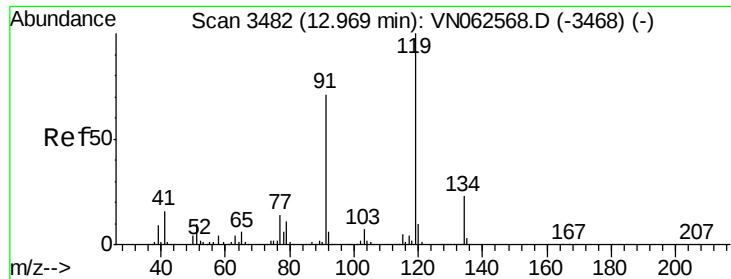
Lab File: VN062631.D

Acq: 28 Jul 2020 13:46

Tgt Ion: 91 Resp: 139149

Ion	Ratio	Lower	Upper
91	100		
126	30.3	15.4	46.4

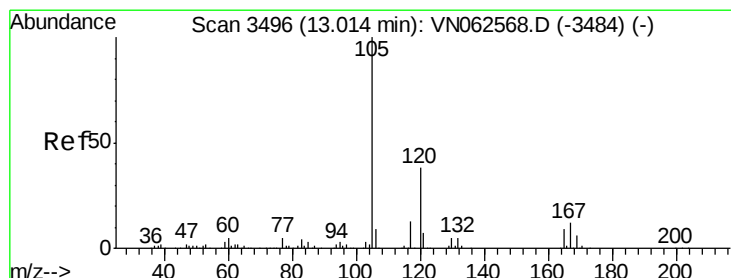
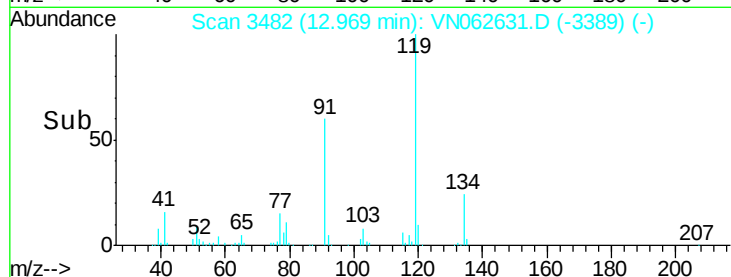
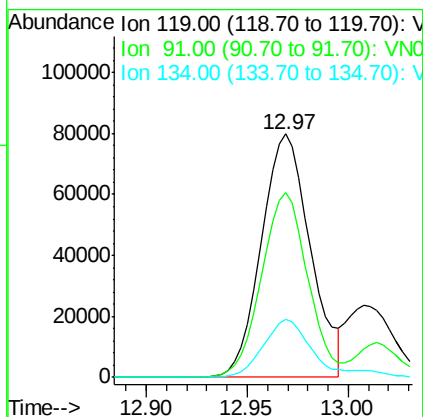
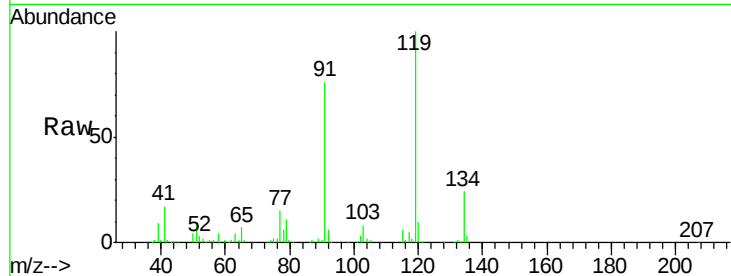




#83
tert-Butylbenzene
Concen: 19.627 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. 0.00 min
Lab File: VN062631.D
Acq: 28 Jul 2020 13:46

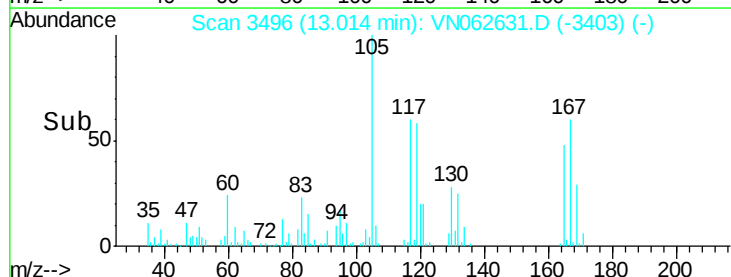
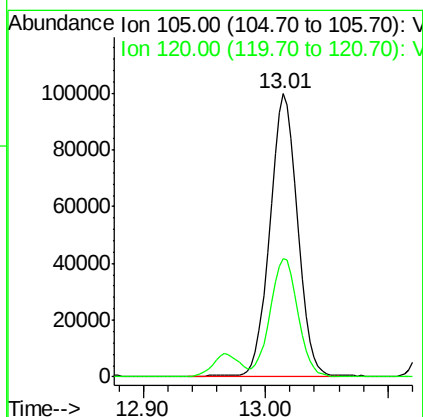
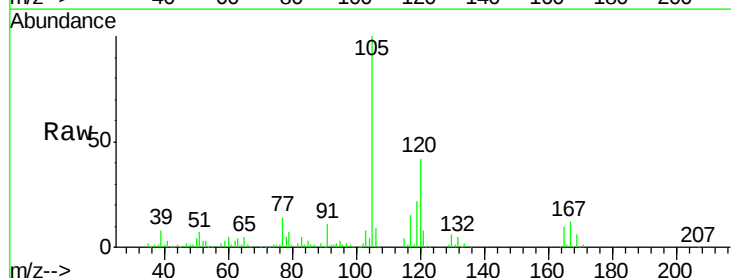
Instrument :
MSVOA_N
ClientSampleId :

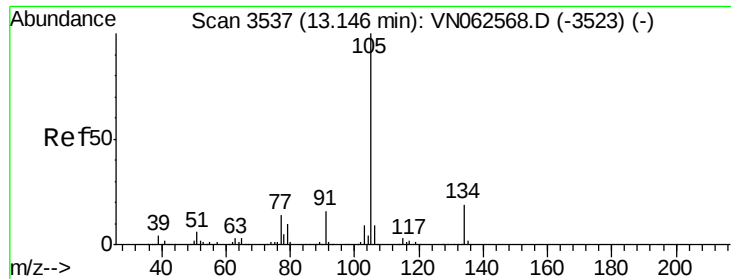
Tot Ion:119 Resp: 135309
Ion Ratio Lower Upper
119 100
91 71.7 34.6 103.8
134 24.5 11.5 34.4



#84
1,2,4-Trimethylbenzene
Concen: 19.601 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. 0.00 min
Lab File: VN062631.D
Acq: 28 Jul 2020 13:46

Tgt Ion:105 Resp: 159640
Ion Ratio Lower Upper
105 100
120 42.2 22.1 66.3





#85

sec-Butylbenzene

Concen: 19.381 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. 0.00 min

Lab File: VN062631.D

Acq: 28 Jul 2020 13:46

Instrument :

MSVOA_N

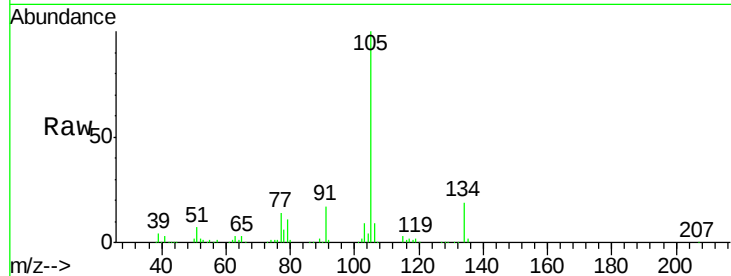
ClientSampleId :

Tot Ion:105 Resp: 178879

Ion Ratio Lower Upper

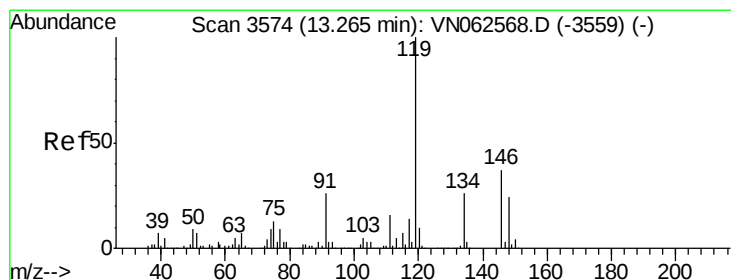
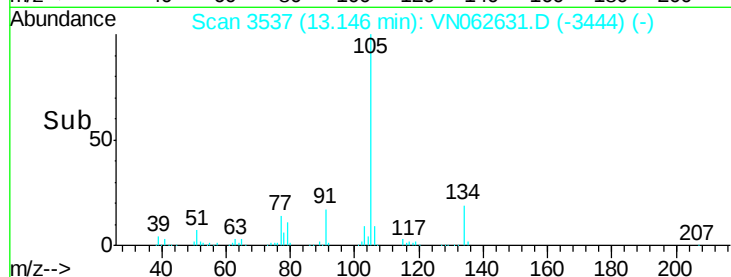
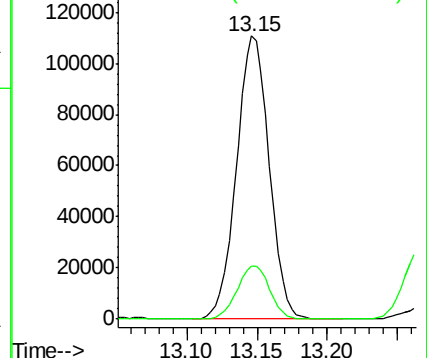
105 100

134 18.9 9.5 28.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.950 ug/l

RT: 13.27 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN062631.D

Acq: 28 Jul 2020 13:46

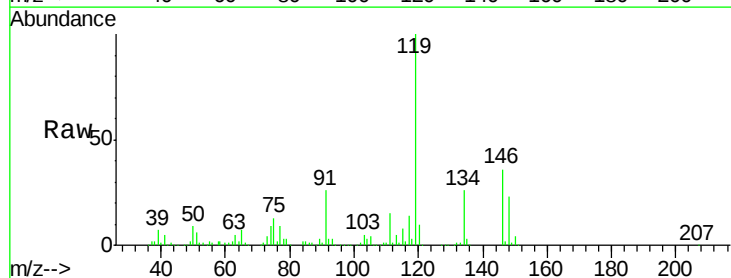
Tgt Ion:119 Resp: 158364

Ion Ratio Lower Upper

119 100

134 25.2 12.8 38.4

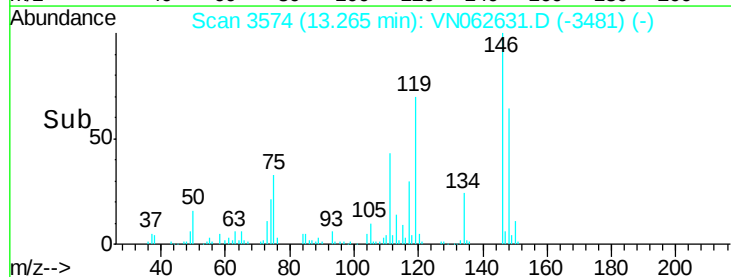
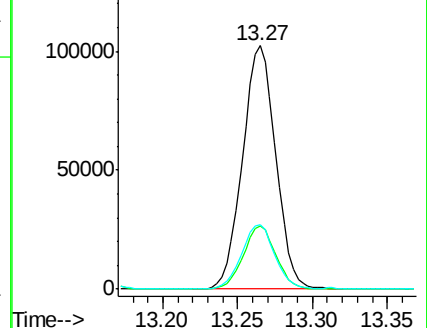
91 26.6 12.7 38.1

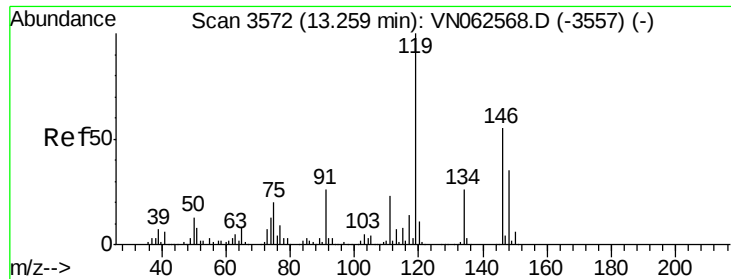


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 18.528 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. 0.00 min

Lab File: VN062631.D

Acq: 28 Jul 2020 13:46

Instrument :

MSVOA_N

ClientSampled :

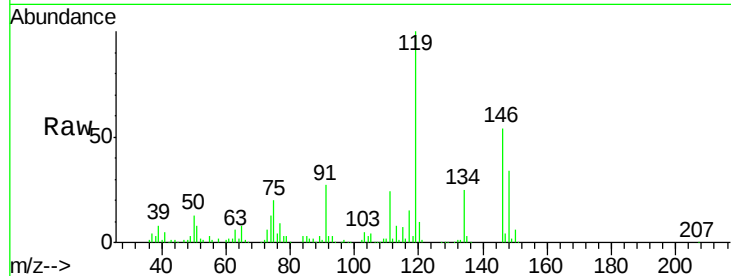
Tot Ion:146 Resp: 78209

Ion Ratio Lower Upper

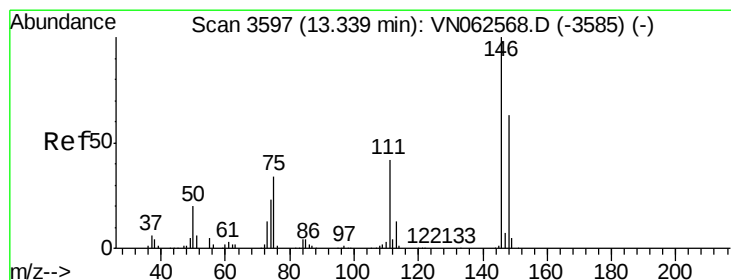
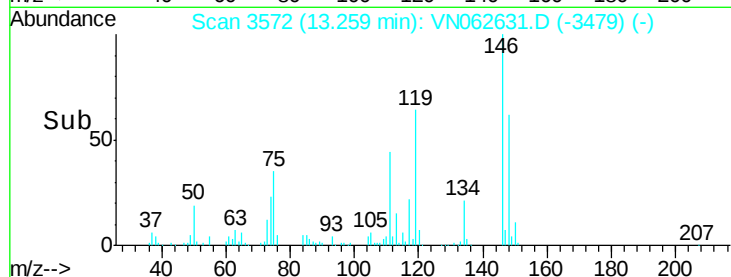
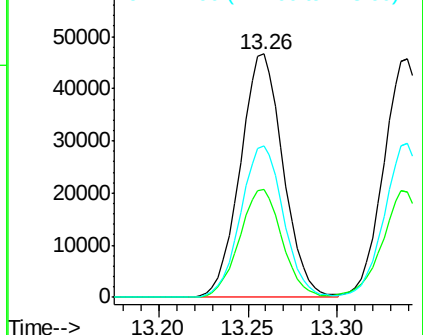
146 100

111 44.0 21.6 64.6

148 62.1 31.8 95.4



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: 18.623 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN062631.D

Acq: 28 Jul 2020 13:46

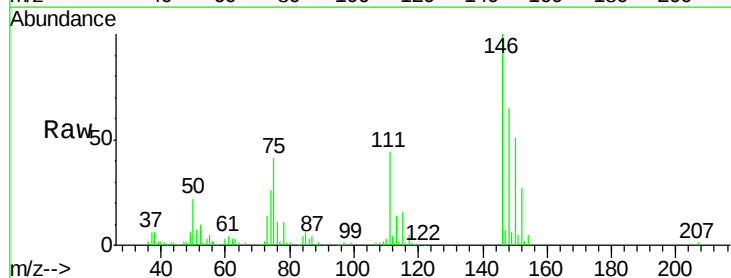
Tgt Ion:146 Resp: 77381

Ion Ratio Lower Upper

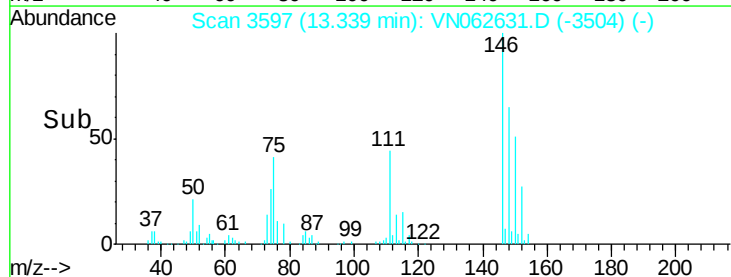
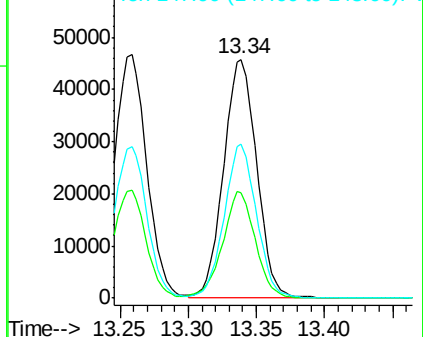
146 100

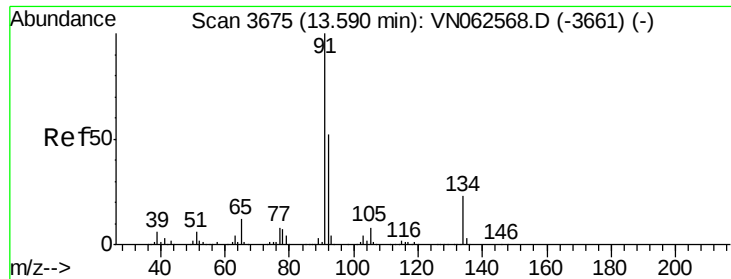
111 44.0 21.1 63.1

148 63.1 31.6 94.8



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

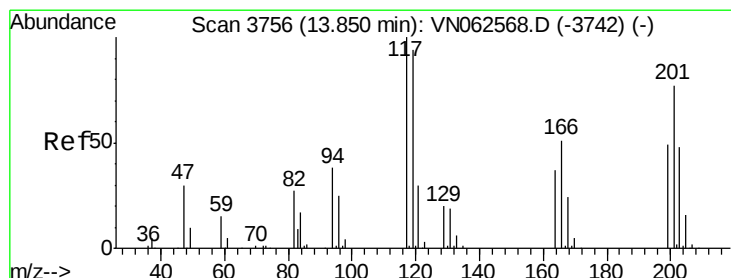
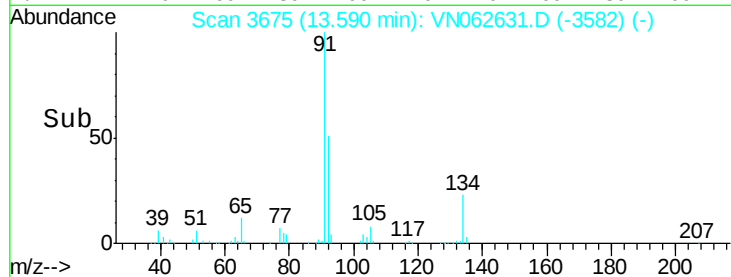
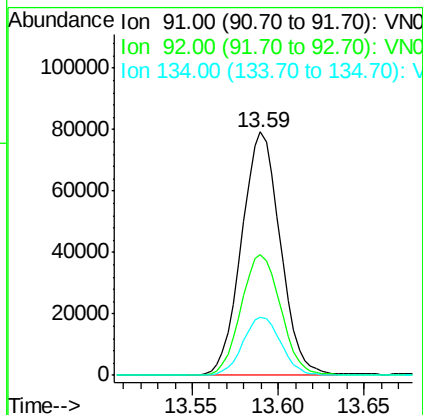
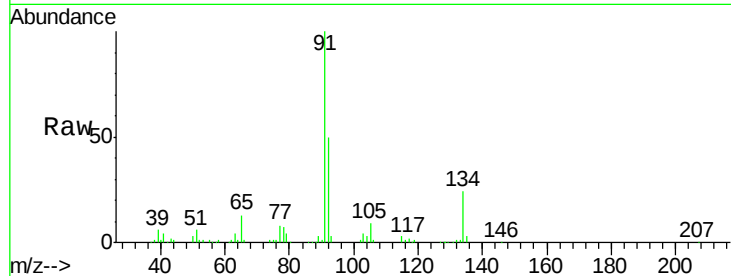




#89
n-Butylbenzene
Concen: 18.241 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN062631.D
Acq: 28 Jul 2020 13:46

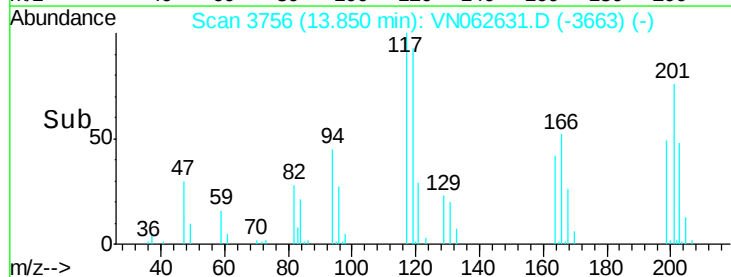
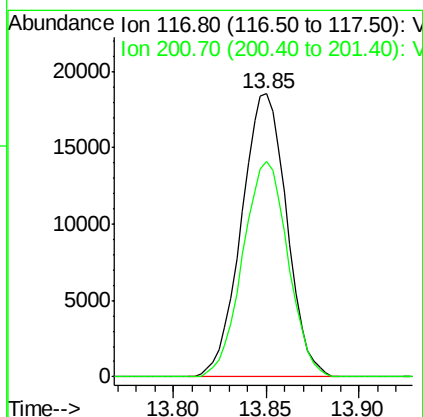
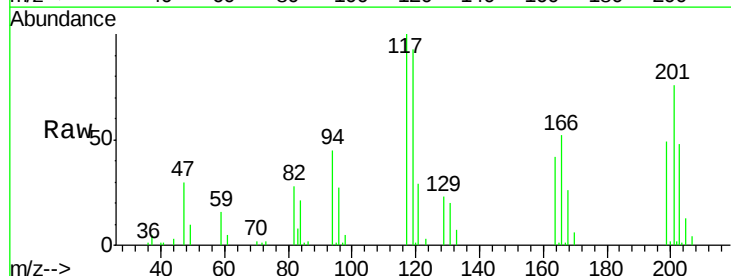
Instrument :
MSVOA_N
ClientSampleId :

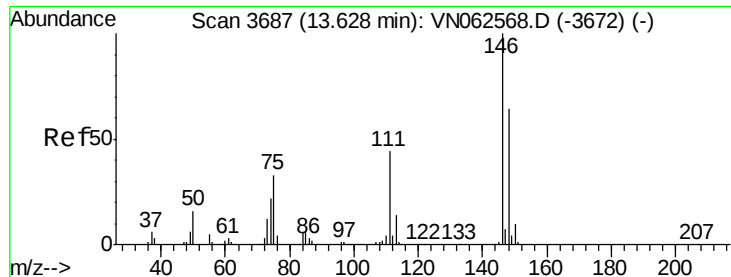
Tot Ion: 91 Resp: 124421
Ion Ratio Lower Upper
91 100
92 51.0 25.8 77.3
134 23.7 11.8 35.3



#90
Hexachloroethane
Concen: 18.689 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. 0.00 min
Lab File: VN062631.D
Acq: 28 Jul 2020 13:46

Tgt Ion: 117 Resp: 31582
Ion Ratio Lower Upper
117 100
201 75.9 39.2 117.6





#91

1,2-Dichlorobenzene

Concen: 18.720 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. 0.00 min

Lab File: VN062631.D

Acq: 28 Jul 2020 13:46

Instrument :

MSVOA_N

ClientSampled :

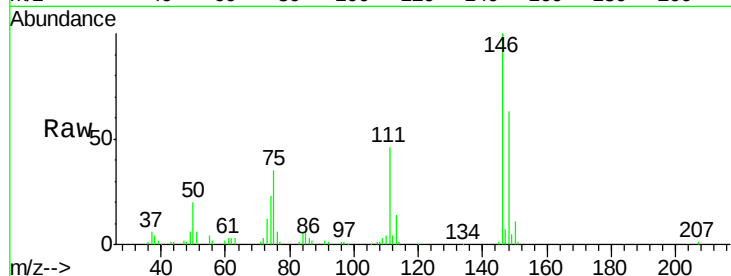
Tot Ion:146 Resp: 75556

Ion Ratio Lower Upper

146 100

111 45.6 21.9 65.8

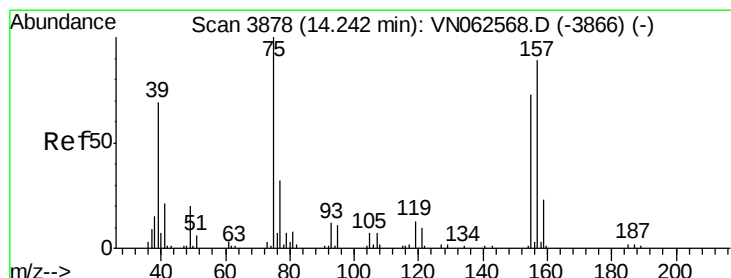
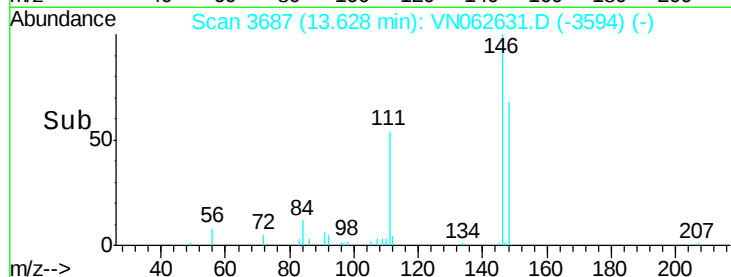
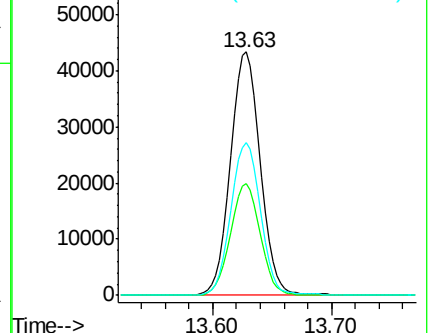
148 62.1 31.6 94.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.525 ug/l

RT: 14.25 min Scan# 3879

Delta R.T. 0.00 min

Lab File: VN062631.D

Acq: 28 Jul 2020 13:46

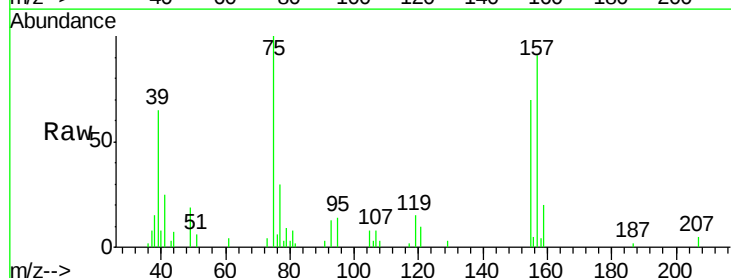
Tgt Ion: 75 Resp: 12961

Ion Ratio Lower Upper

75 100

155 67.5 35.9 107.5

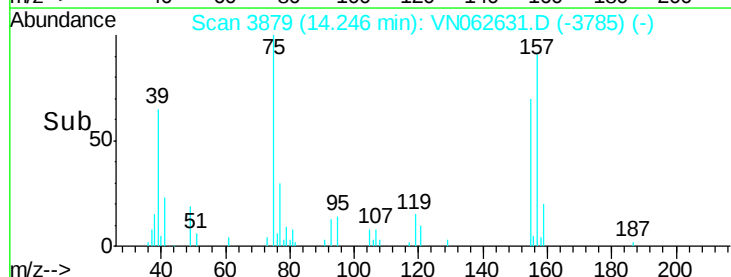
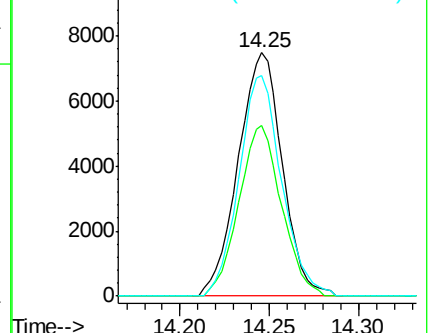
157 87.6 45.0 135.0

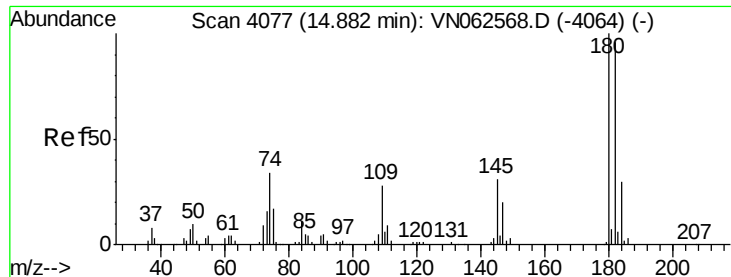


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

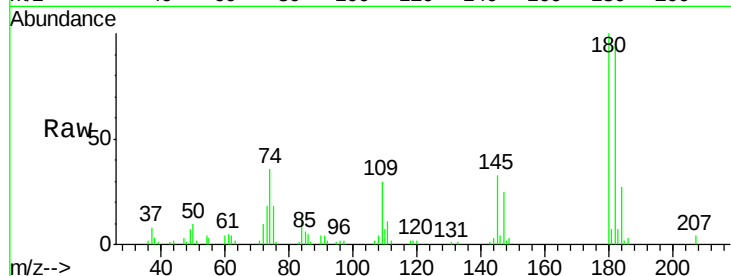




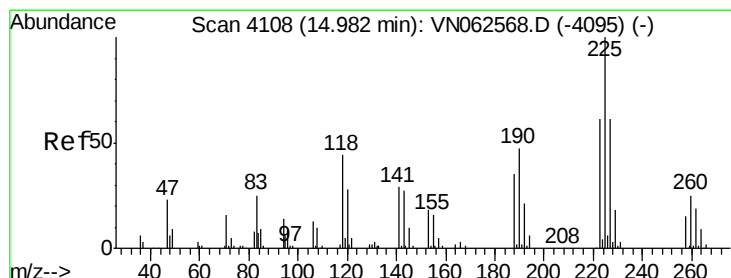
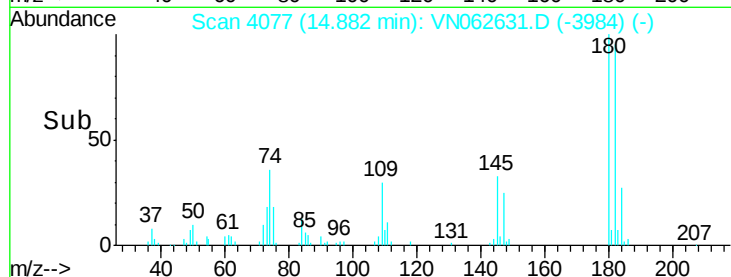
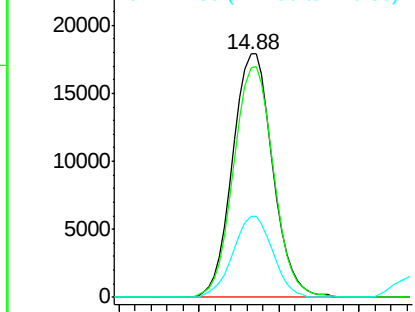
#93
 1,2,4-Trichlorobenzene
 Concen: 16.649 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062631.D
 Acq: 28 Jul 2020 13:46

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:180 Resp: 30647
 Ion Ratio Lower Upper
 180 100
 182 94.6 47.8 143.3
 145 32.8 15.3 45.9

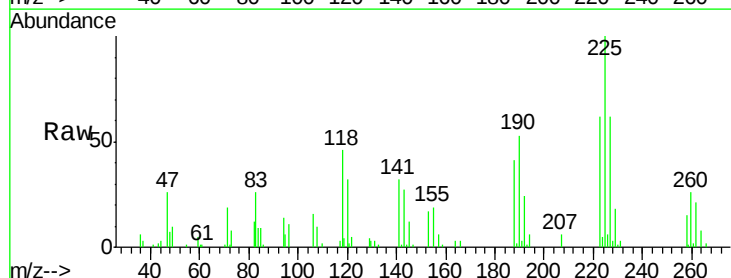


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

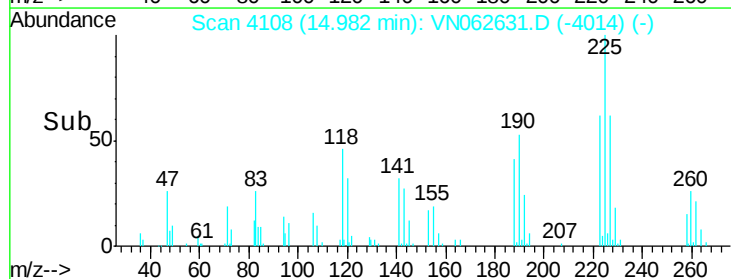
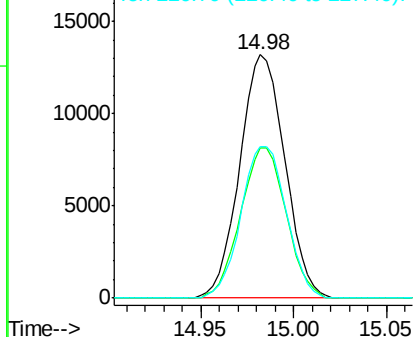


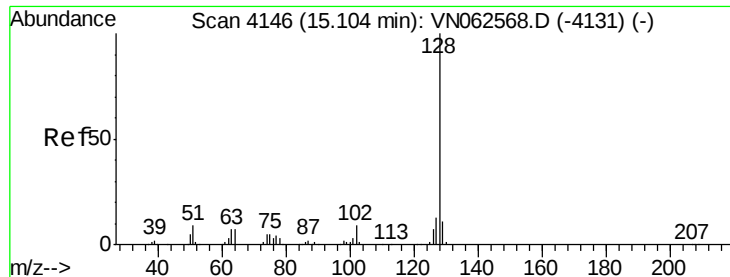
#94
 Hexachlorobutadiene
 Concen: 20.157 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN062631.D
 Acq: 28 Jul 2020 13:46

Tgt Ion:225 Resp: 22292
 Ion Ratio Lower Upper
 225 100
 223 62.3 32.0 96.0
 227 62.5 31.1 93.2



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

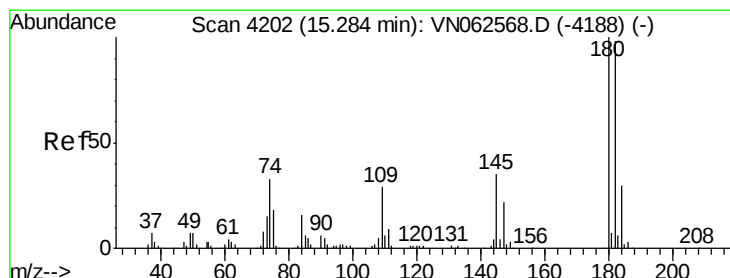
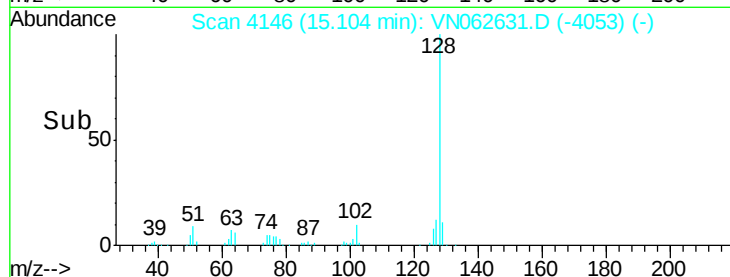
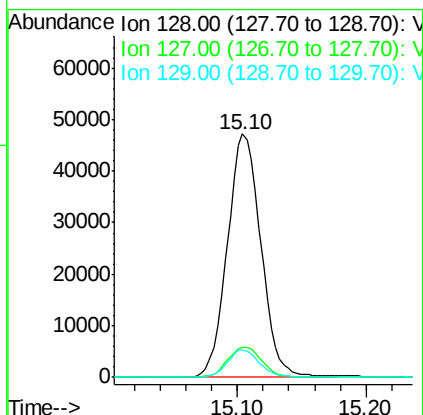
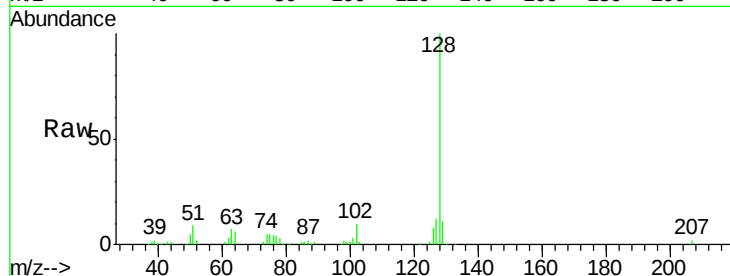




#95
Naphthalene
Concen: 17.755 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062631.D
Acq: 28 Jul 2020 13:46

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:128 Resp: 85179
Ion Ratio Lower Upper
128 100
127 12.5 10.4 15.6
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 16.719 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN062631.D
Acq: 28 Jul 2020 13:46

Tgt Ion:180 Resp: 31800
Ion Ratio Lower Upper
180 100
182 94.2 48.1 144.3
145 34.8 16.7 50.1

