

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051820\
 Data File : VN061467.D
 Acq On : 19 May 2020 8:06
 Operator : JC/MD
 Sample : L2645-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 19 08:26:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 18 13:09:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	331453	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	619821	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	598279	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	340668	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	230299	46.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.12%	
35) Dibromofluoromethane	7.55	113	27629	8.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	17.02%	
50) Toluene-d8	10.06	98	748852	49.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.44%	
62) 4-Bromofluorobenzene	12.37	95	314008	55.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.62%	

Target Compounds

					Qvalue	
3) Chloromethane	2.03	50	10748	2.391	ug/l	98
5) Bromomethane	2.55	94	1135	Below Cal	#	71
6) Chloroethane	2.67	64	18742	4.328	ug/l	96
8) Diethyl Ether	3.10	74	864	0.380	ug/l #	1
11) Tert butyl alcohol	4.73	59	191307	335.637	ug/l #	73
13) Acrolein	3.52	56	175880	447.729	ug/l #	1
14) Allyl chloride	4.37	41	412045	74.522	ug/l #	42
15) Acrylonitrile	5.00	53	90566	53.632	ug/l #	31
16) Acetone	3.77	43	483377	388.284	ug/l #	87
17) Carbon Disulfide	4.01	76	31992	1.271	ug/l	99
18) Methyl Acetate	4.35	43	152852	44.948	ug/l #	49
19) Methyl tert-butyl Ether	4.99	73	1475851	114.469	ug/l #	1
20) Methylene Chloride	4.51	84	29519	7.261	ug/l #	16
22) Diisopropyl ether	5.90	45	18411	1.482	ug/l #	1
23) Vinyl Acetate	5.81	43	86942	8.800	ug/l #	74
24) 1,1-Dichloroethane	5.81	63	24824	3.425	ug/l #	92
25) 2-Butanone	6.79	43	245329	108.923	ug/l	98
26) 2,2-Dichloropropane	6.58	77	44279	6.409	ug/l #	54
28) Bromochloromethane	7.33	49	132888	43.200	ug/l #	13
29) Tetrahydrofuran	7.17	42	3031	2.032	ug/l #	29
30) Chloroform	7.33	83	1780681	235.251	ug/l	99
31) Cyclohexane	7.61	56	1269461	208.459	ug/l	96
36) 1,1-Dichloropropene	7.62	75	27986	4.829	ug/l #	50
37) Ethyl Acetate	6.79	43	245329	46.676	ug/l #	67
38) Carbon Tetrachloride	7.63	117	34506	6.466	ug/l #	15
39) Methylcyclohexane	9.05	83	792700	111.983	ug/l	96
40) Benzene	8.00	78	13184106	754.859	ug/l #	25
41) Methacrylonitrile	7.17	41	20604	9.281	ug/l #	17
42) 1,2-Dichloroethane	8.00	62	249217	39.605	ug/l	84
43) Isopropyl Acetate	8.09	43	568869	62.056	ug/l #	52
44) Trichloroethene	8.80	130	1657	0.362	ug/l	74
45) 1,2-Dichloropropane	9.01	63	2132	0.488	ug/l #	1
47) Bromodichloromethane	9.37	83	39310	6.088	ug/l	89
48) Methyl methacrylate	9.24	41	95024	22.439	ug/l #	54

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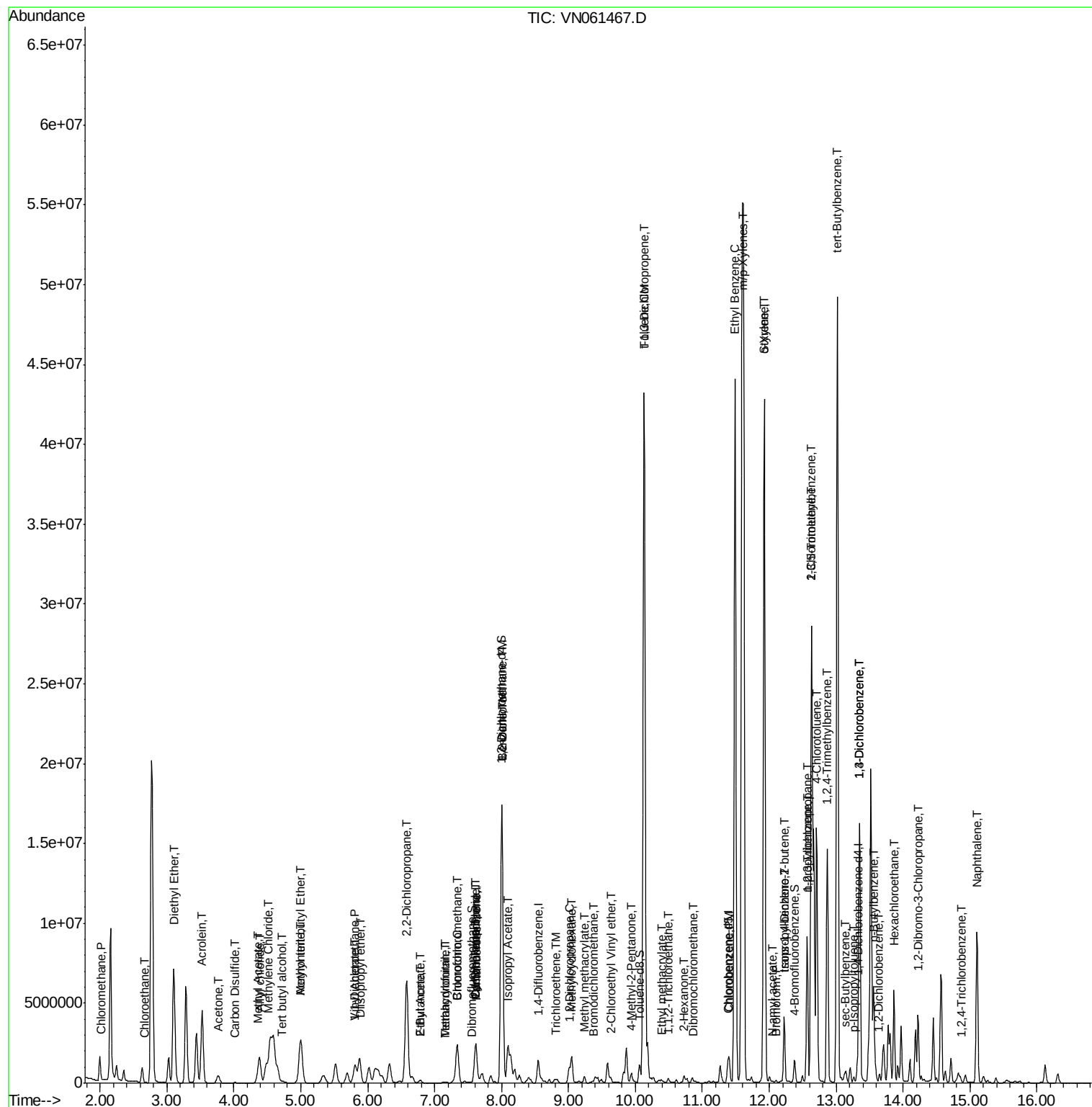
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) 1,4-Dioxane	9.16	88	178	Below Cal	#	1
51) 4-Methyl-2-Pentanone	9.96	43	63985	12.813	ug/l	98
52) Toluene	10.13	92	13508674	1204.725	ug/l #	55
53) t-1,3-Dichloropropene	10.13	75	769543	108.735	ug/l #	1
55) 1,1,2-Trichloroethane	10.50	97	41146	9.706	ug/l #	20
56) Ethyl methacrylate	10.40	69	14933	2.253	ug/l #	27
58) 2-Chloroethyl Vinyl ether	9.64	63	838	0.288	ug/l #	46
59) 2-Hexanone	10.72	43	195160	54.017	ug/l	73
60) Dibromochloromethane	10.88	129	1871	0.399	ug/l	95
65) Chlorobenzene	11.41	112	50825	4.166	ug/l	92
67) Ethyl Benzene	11.49	91	12851415	577.065	ug/l #	1
68) m/p-Xylenes	11.61	106	15015920	1776.361	ug/l #	4
69) o-Xylene	11.92	106	9264301	1132.516	ug/l	42
70) Styrene	11.92	104	1117151	82.469	ug/l #	1
71) Bromoform	12.11	173	990	2.300	ug/l #	88
73) Isopropylbenzene	12.22	105	2786595	101.892	ug/l	96
74) N-amyl acetate	12.05	43	10505	1.049	ug/l #	34
76) 1,2,3-Trichloropropane	12.57	75	53853	7.367	ug/l #	100
78) n-propylbenzene	12.57	91	6378590	204.698	ug/l #	72
79) 2-Chlorotoluene	12.63	91	3342348	181.465	ug/l #	45
80) 1,3,5-Trimethylbenzene	12.63	105	8907802	397.796	ug/l	66
81) trans-1,4-Dichloro-2-buten	12.22	75	29077	10.552	ug/l #	59
82) 4-Chlorotoluene	12.71	91	1131196	59.313	ug/l #	43
83) tert-Butylbenzene	13.02	119	4730462	246.620	ug/l #	57
84) 1,2,4-Trimethylbenzene	12.87	105	7288541	325.230	ug/l	91
85) sec-Butylbenzene	13.15	105	419480	16.173	ug/l #	62
86) p-Isopropyltoluene	13.27	119	157809	6.852	ug/l #	73
87) 1,3-Dichlorobenzene	13.34	146	67320	6.198	ug/l	96
88) 1,4-Dichlorobenzene	13.34	146	67320	6.188	ug/l	95
89) n-Butylbenzene	13.56	91	163323	7.806	ug/l #	1
90) Hexachloroethane	13.86	117	312004	99.957	ug/l #	17
91) 1,2-Dichlorobenzene	13.63	146	31720	3.044	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	14.22	75	14688	9.664	ug/l #	5
93) 1,2,4-Trichlorobenzene	14.89	180	2264	0.401	ug/l #	75
95) Naphthalene	15.10	128	7072089	393.744	ug/l #	84

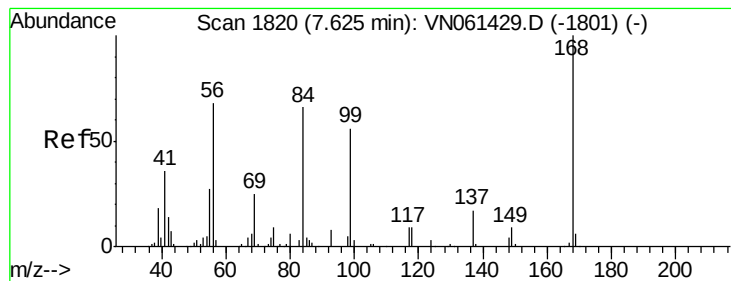
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1821

Delta R.T. 0.00 min

Lab File: VN061467.D

Acq: 19 May 2020 8:06

Instrument :

MSVOA_N

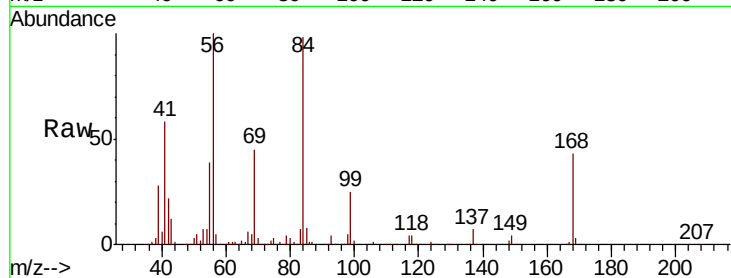
ClientSampled :

Tot Ion:168 Resp: 331453

Ion Ratio Lower Upper

168 100

99 58.3 51.1 76.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

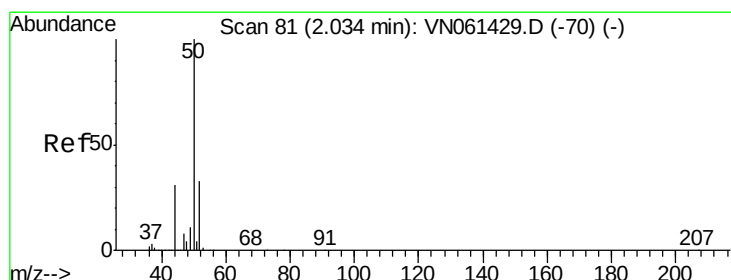
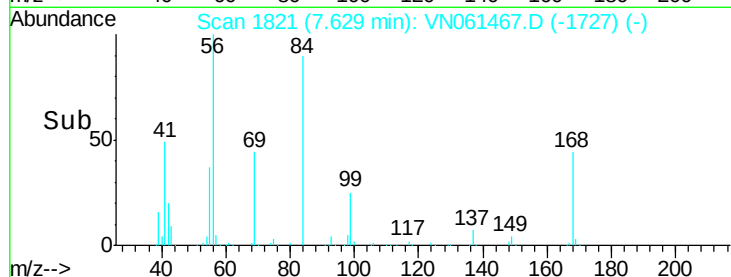
150000

100000

50000

0

Time--> 7.50 7.60 7.70



#3

Chloromethane

Concen: 2.391 ug/l

RT: 2.03 min Scan# 80

Delta R.T. -0.00 min

Lab File: VN061467.D

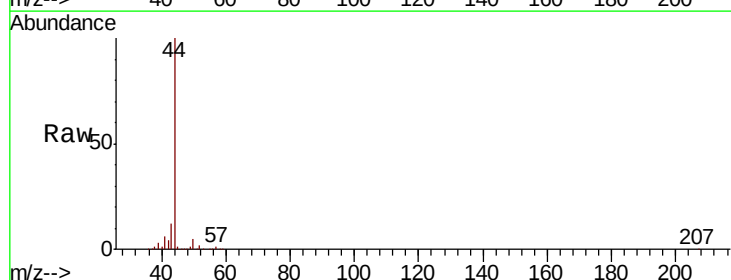
Acq: 19 May 2020 8:06

Tgt Ion: 50 Resp: 10748

Ion Ratio Lower Upper

50 100

52 32.4 26.7 40.1



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

2.03

10000

8000

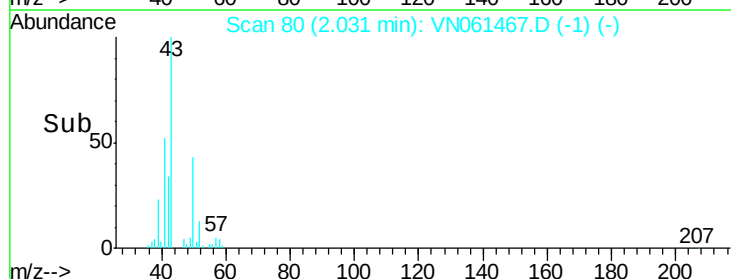
6000

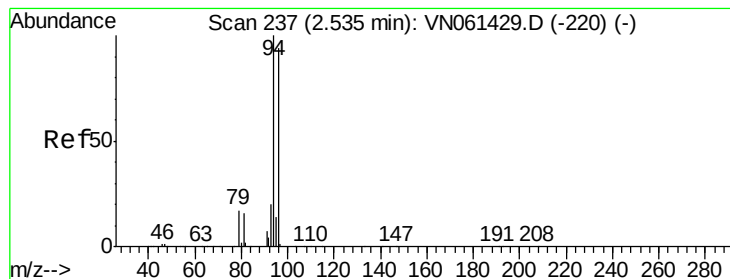
4000

2000

0

Time--> 2.00 2.05





#5

Bromomethane

Concen: Below Cal

RT: 2.55 min Scan# 240

Delta R.T. 0.01 min

Lab File: VN061467.D

Acq: 19 May 2020 8:06

Instrument :

MSVOA_N

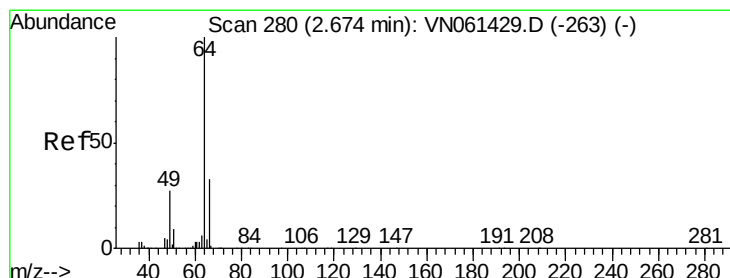
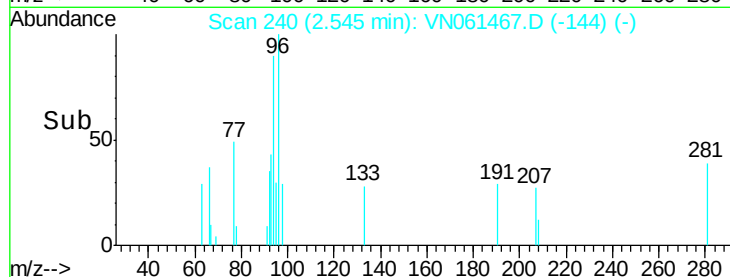
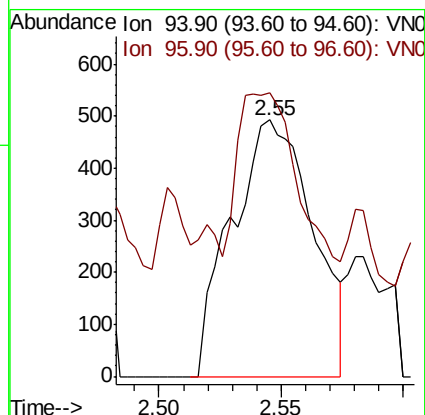
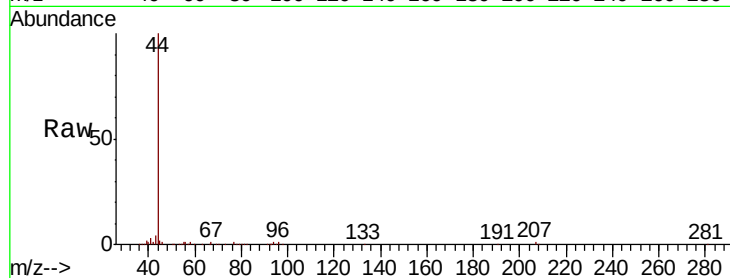
ClientSampleId :

Tot Ion: 94 Resp: 1135

Ion Ratio Lower Upper

94 100

96 65.7 74.9 112.3#



#6

Chloroethane

Concen: 4.328 ug/l

RT: 2.67 min Scan# 280

Delta R.T. 0.00 min

Lab File: VN061467.D

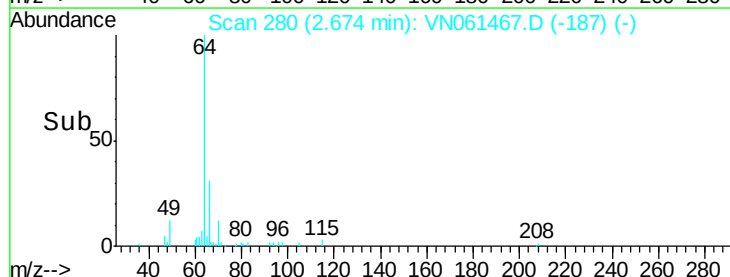
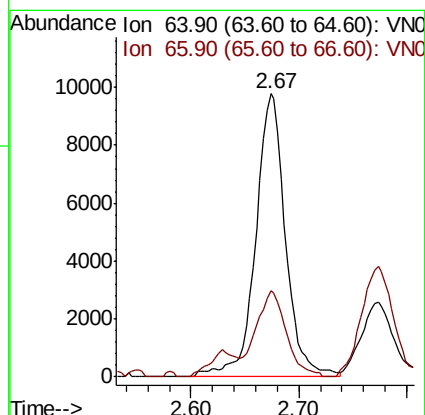
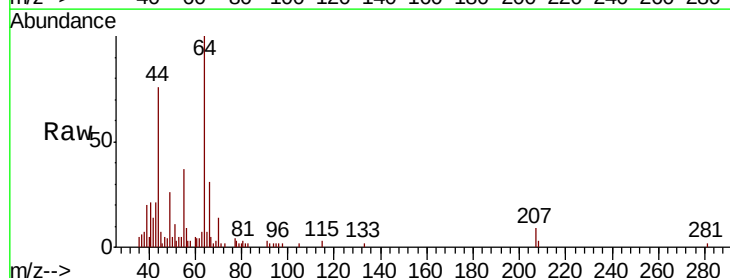
Acq: 19 May 2020 8:06

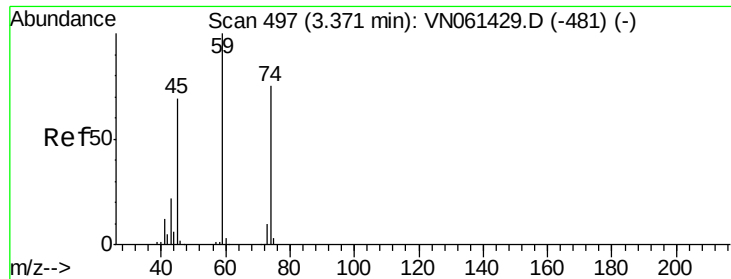
Tgt Ion: 64 Resp: 18742

Ion Ratio Lower Upper

64 100

66 30.5 26.3 39.5





#8

Diethyl Ether

Concen: 0.380 ug/l

RT: 3.10 min Scan# 412

Delta R.T. -0.27 min

Lab File: VN061467.D

Acq: 19 May 2020 8:06

Instrument :

MSVOA_N

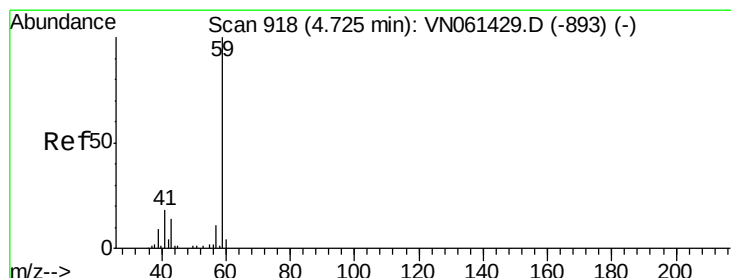
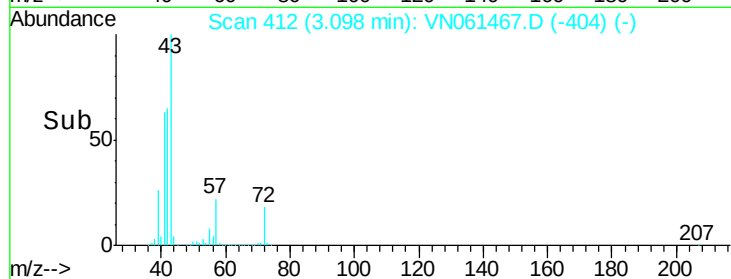
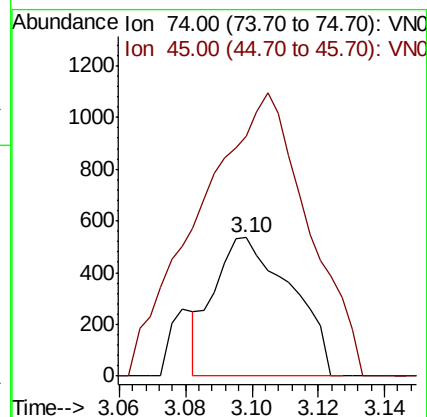
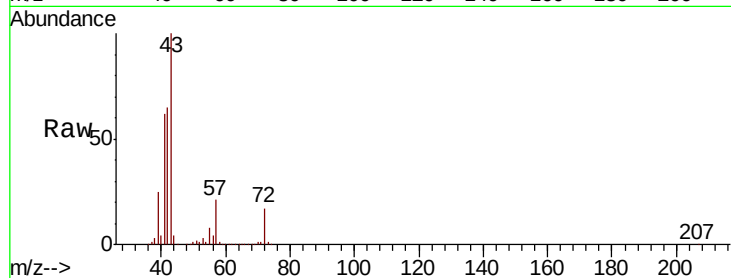
ClientSampled :

Tot Ion: 74 Resp: 864

Ion Ratio Lower Upper

74 100

45 250.9 45.7 137.1#



#11

Tert butyl alcohol

Concen: 335.637 ug/l

RT: 4.73 min Scan# 918

Delta R.T. 0.00 min

Lab File: VN061467.D

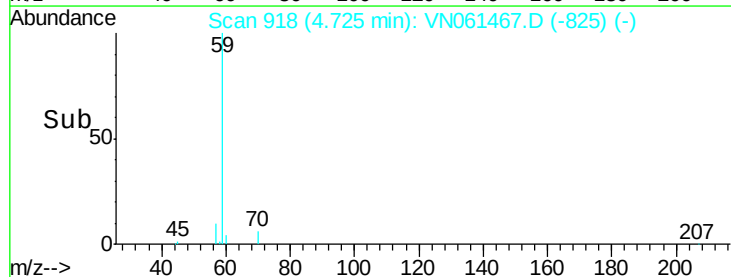
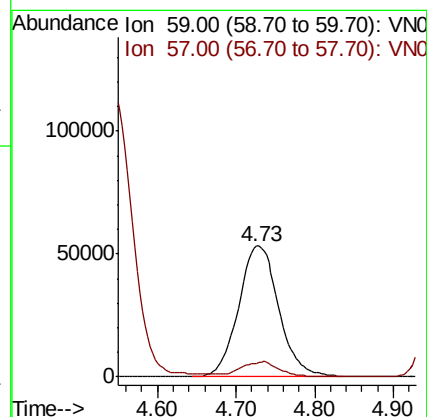
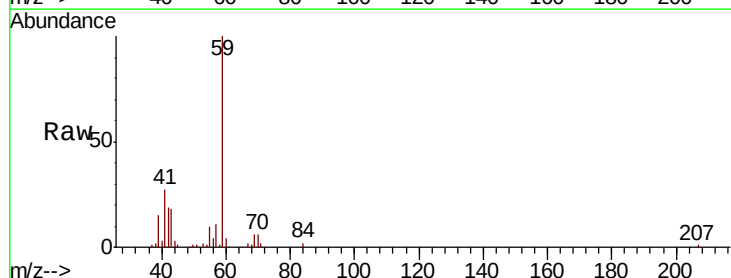
Acq: 19 May 2020 8:06

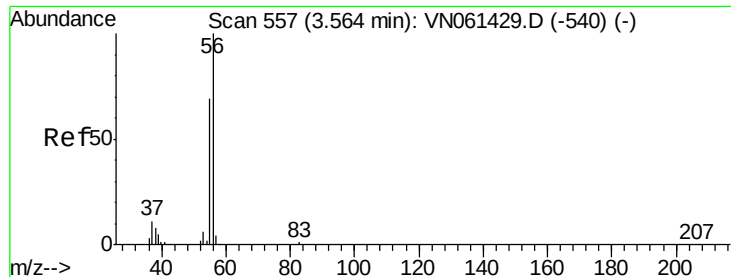
Tgt Ion: 59 Resp: 191307

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#





#13

Acrolein

Concen: 447.729 ug/l

RT: 3.52 min Scan# 544

Delta R.T. -0.04 min

Lab File: VN061467.D

Acq: 19 May 2020 8:06

Instrument :

MSVOA_N

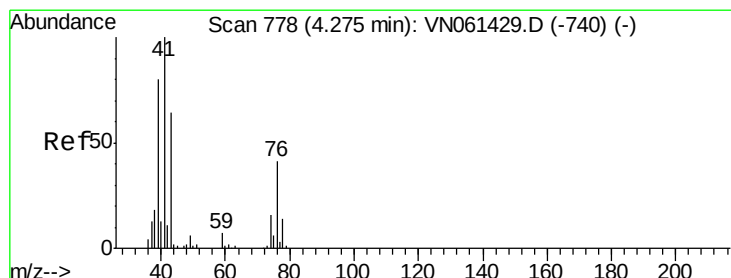
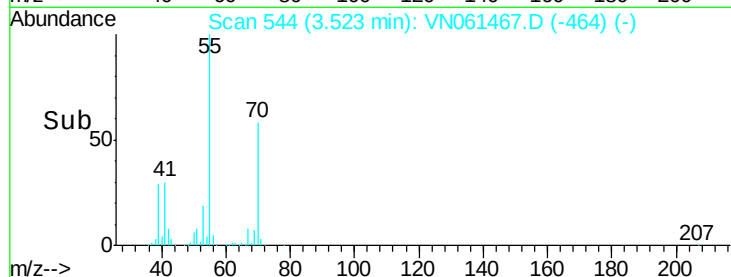
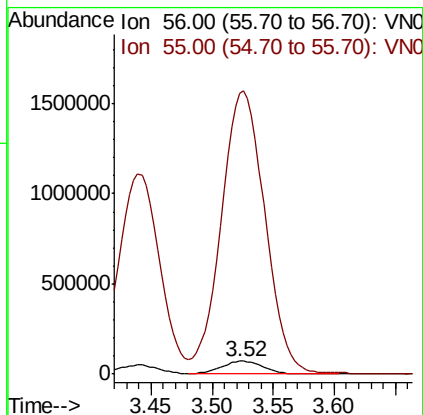
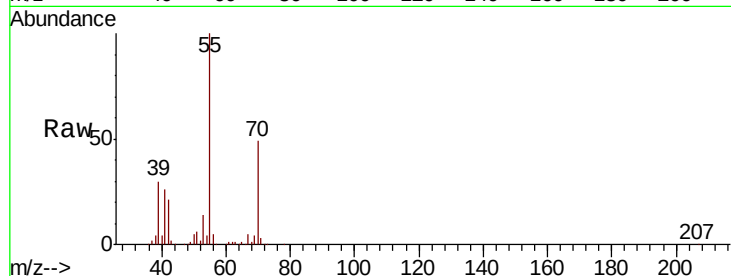
ClientSampleId :

Tot Ion: 56 Resp: 175880

Ion Ratio Lower Upper

56 100

55 2214.4 54.8 82.2#



#14

Allyl chloride

Concen: 74.522 ug/l

RT: 4.37 min Scan# 809

Delta R.T. 0.10 min

Lab File: VN061467.D

Acq: 19 May 2020 8:06

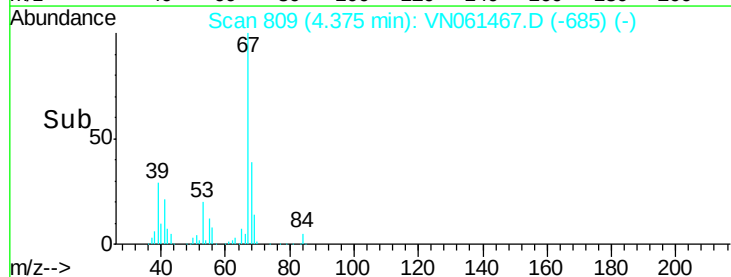
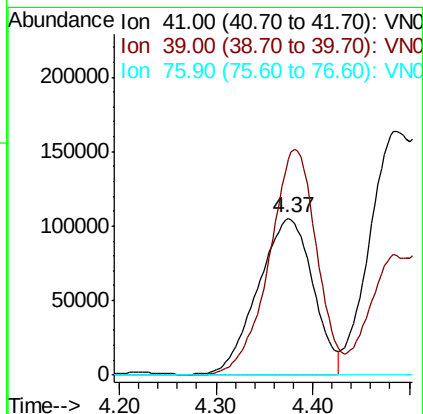
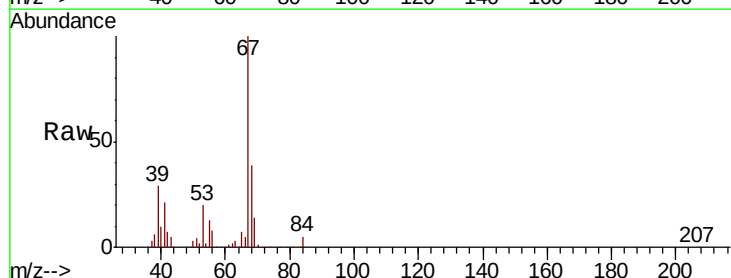
Tgt Ion: 41 Resp: 412045

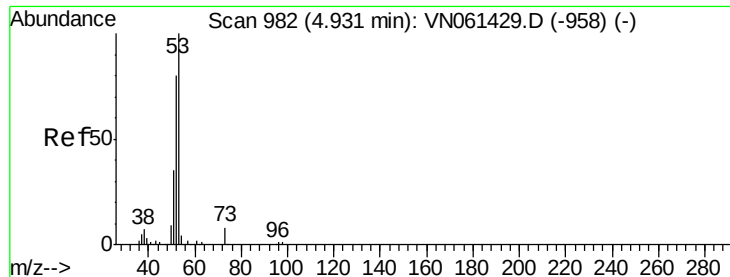
Ion Ratio Lower Upper

41 100

39 124.9 61.2 91.8#

76 0.0 29.9 44.9#





#15

Acrylonitrile

Concen: 53.632 ug/l

RT: 5.00 min Scan# 1003

Delta R.T. 0.07 min

Lab File: VN061467.D

Acq: 19 May 2020 8:06

Instrument :

MSVOA_N

ClientSampled :

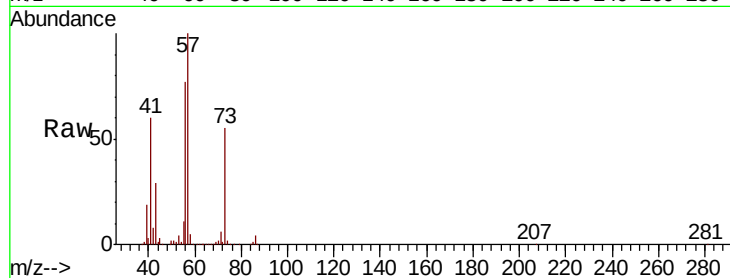
Tot Ion: 53 Resp: 90566

Ion Ratio Lower Upper

53 100

52 9.4 64.7 97.1#

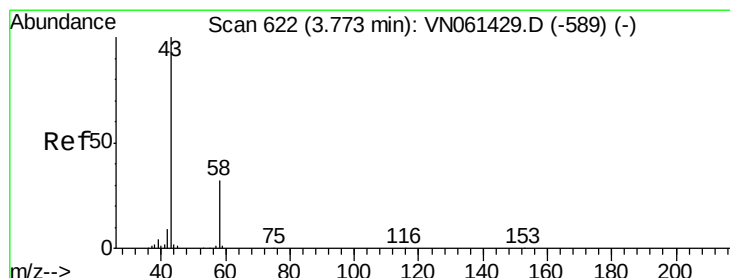
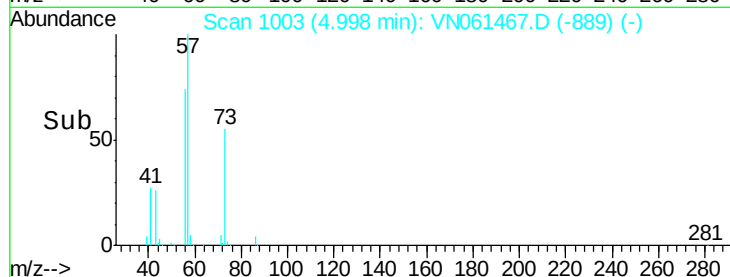
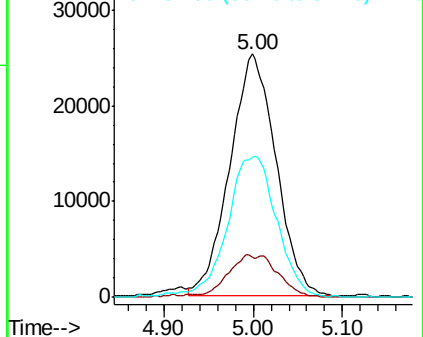
51 62.5 29.5 44.3#



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 388.284 ug/l

RT: 3.77 min Scan# 621

Delta R.T. -0.00 min

Lab File: VN061467.D

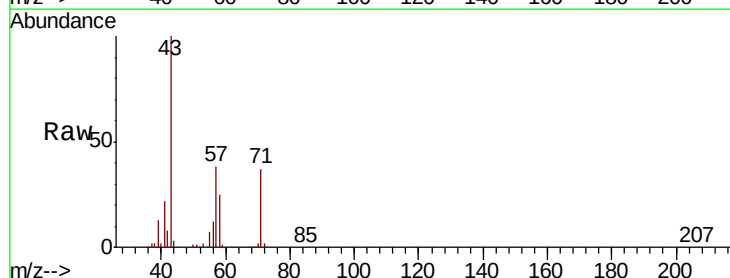
Acq: 19 May 2020 8:06

Tgt Ion: 43 Resp: 483377

Ion Ratio Lower Upper

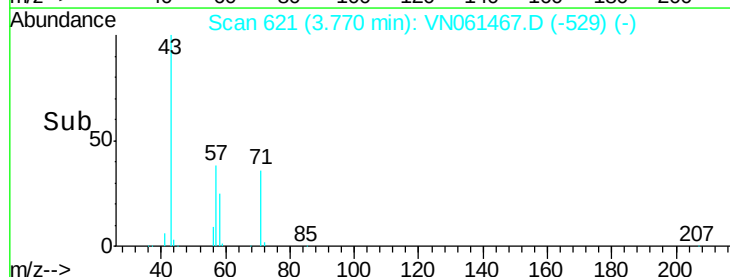
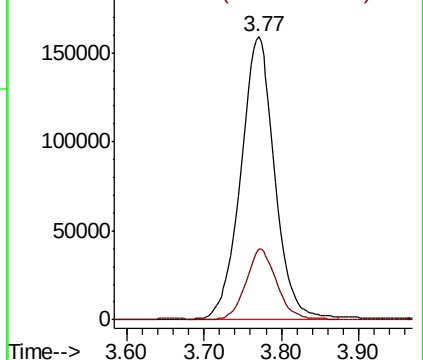
43 100

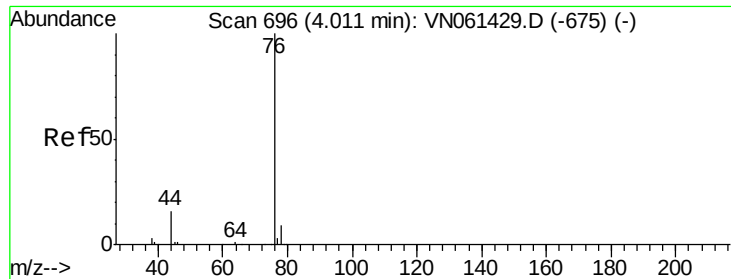
58 24.8 25.6 38.4#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0





#17

Carbon Disulfide

Concen: 1.271 ug/l

RT: 4.01 min Scan# 697

Delta R.T. 0.00 min

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Acq: 19 May 2020 8:06

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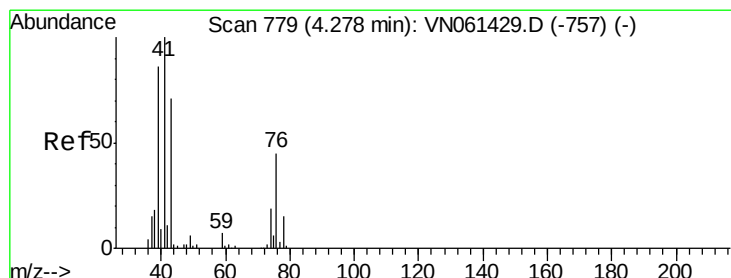
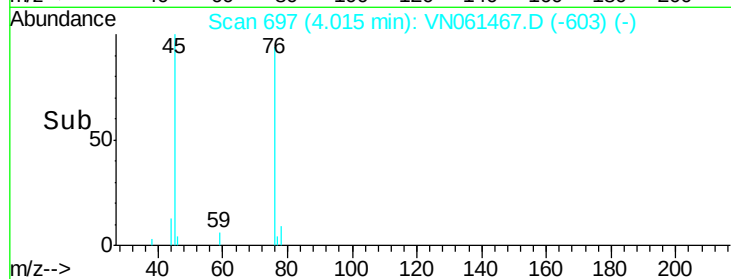
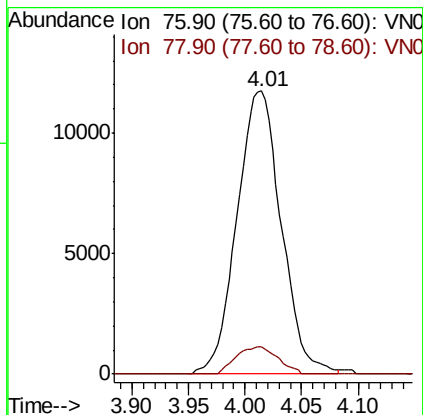
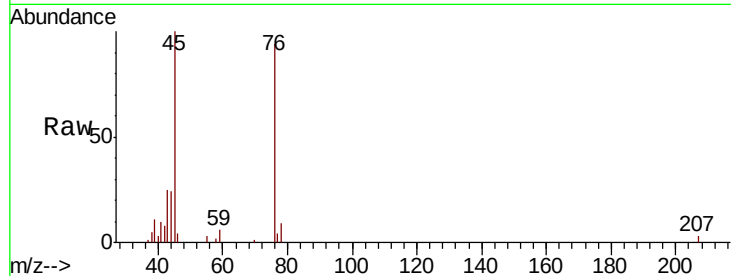
ClientSampled :

Tot Ion: 76 Resp: 31992

Ion Ratio Lower Upper

76 100

78 9.7 7.4 11.0



#18

Methyl Acetate

Concen: 44.948 ug/l

RT: 4.35 min Scan# 801

Delta R.T. 0.07 min

Lab File: VN061467.D

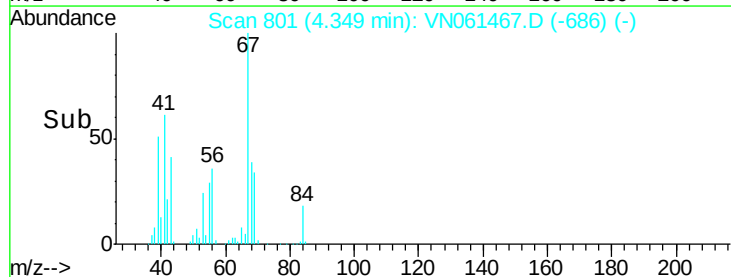
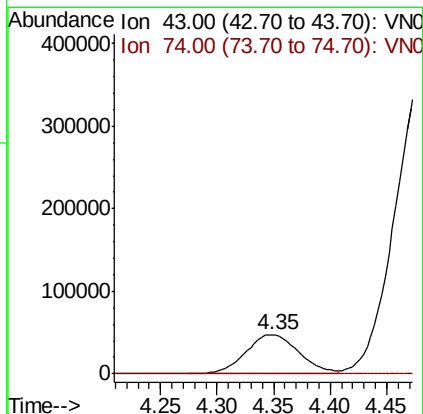
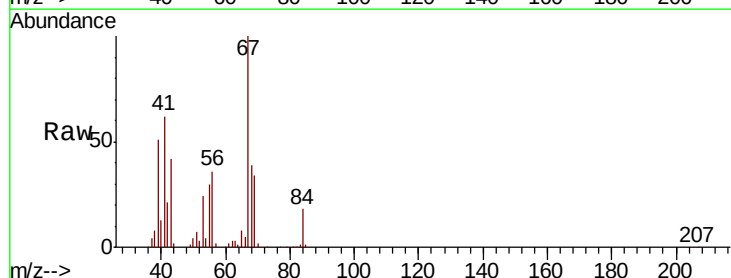
Acq: 19 May 2020 8:06

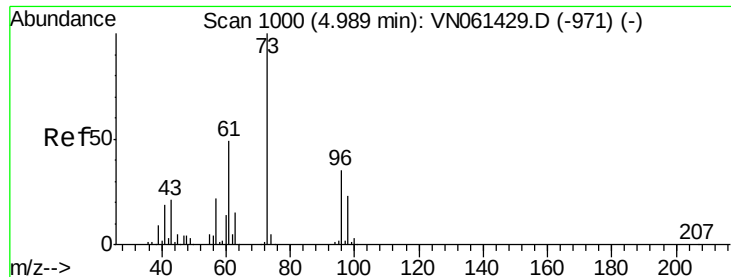
Tgt Ion: 43 Resp: 152852

Ion Ratio Lower Upper

43 100

74 0.0 20.8 31.2#

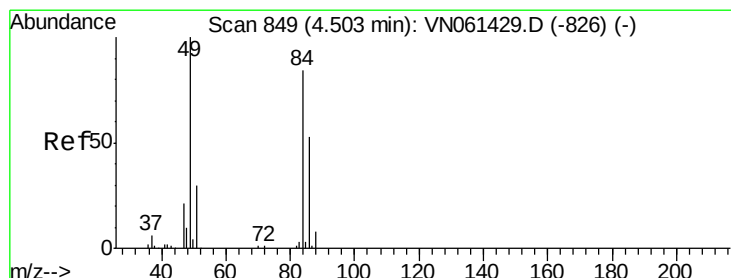
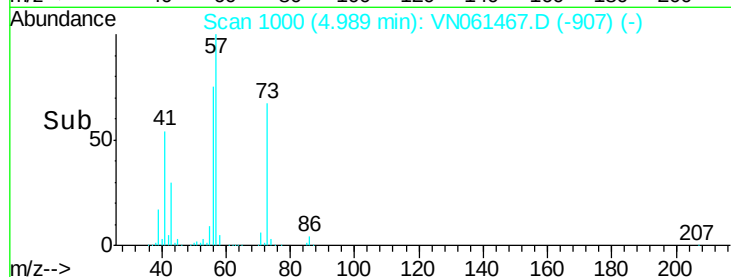
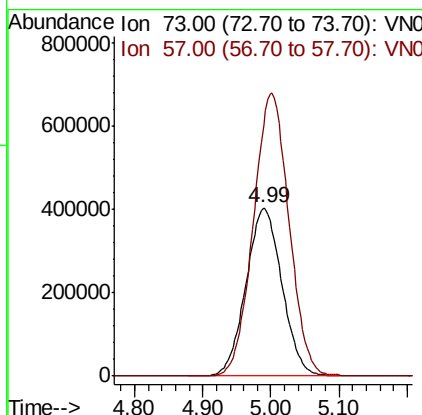
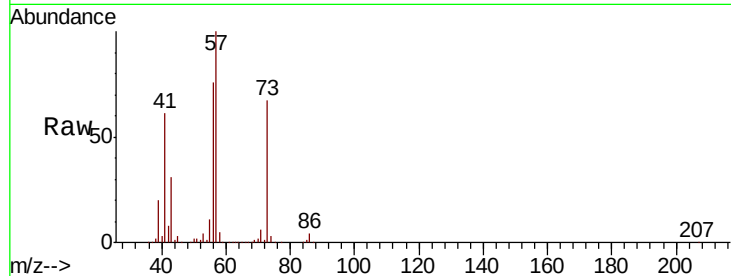




#19
Methvl tert-butvl Ether
Concen: 114.469 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VN061467.D
Acq: 19 May 2020 8:06

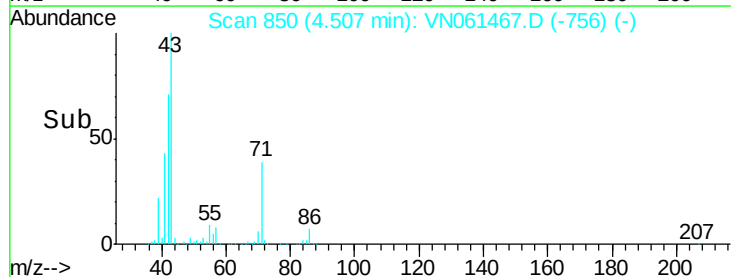
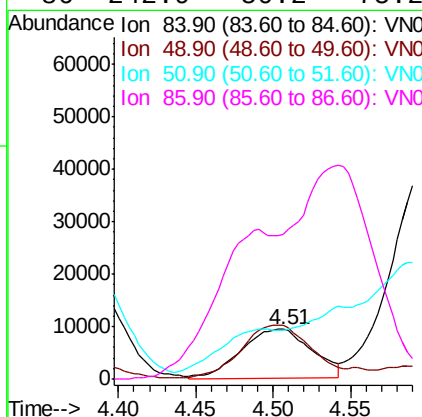
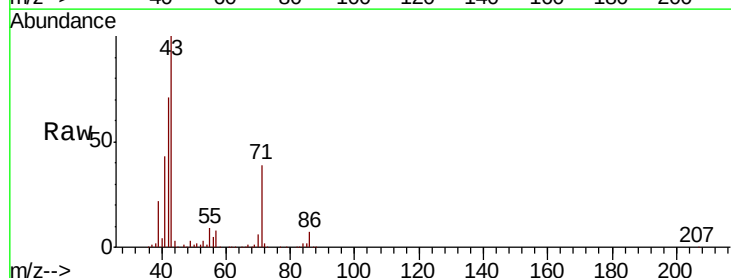
Instrument :
MSVOA_N
ClientSampleId :

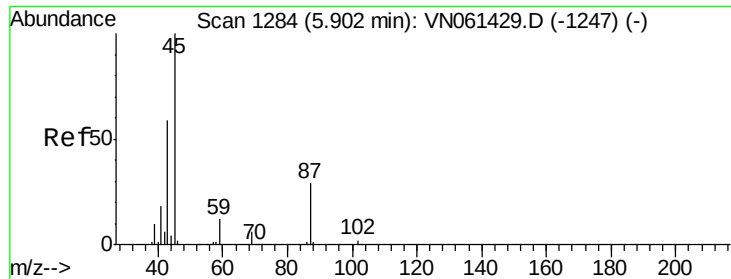
Tot Ion: 73 Resp: 1475851
Ion Ratio Lower Upper
73 100
57 149.3 17.4 26.0#



#20
Methylene Chloride
Concen: 7.261 ug/l
RT: 4.51 min Scan# 850
Delta R.T. 0.00 min
Lab File: VN061467.D
Acq: 19 May 2020 8:06

Tgt Ion: 84 Resp: 29519
Ion Ratio Lower Upper
84 100
49 110.3 95.3 142.9
51 80.1 29.0 43.6#
86 242.9 50.2 75.2#





#22

Diisopropyl ether

Concen: 1.482 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VN061467.D

Acq: 19 May 2020 8:06

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 45 Resp: 18411

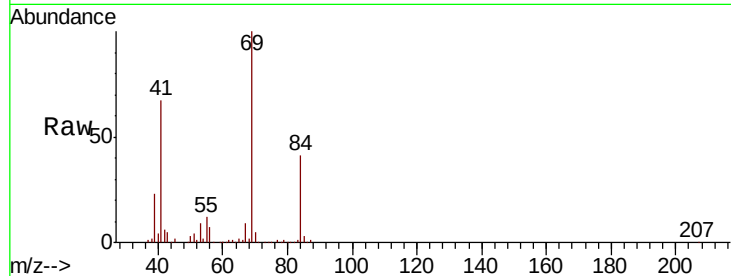
Ion Ratio Lower Upper

45 100

43 219.7 47.9 71.9#

87 31.8 24.0 36.0

59 12.1 9.7 14.5

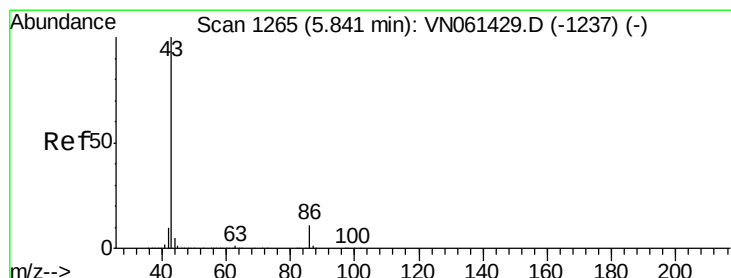
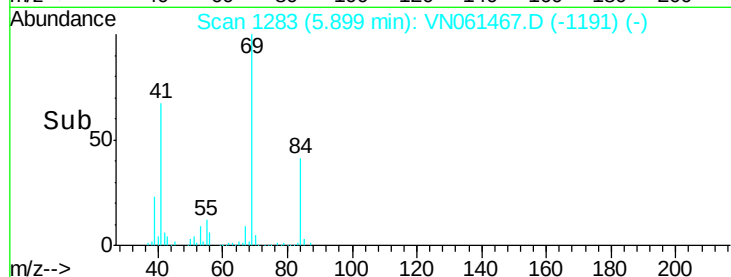
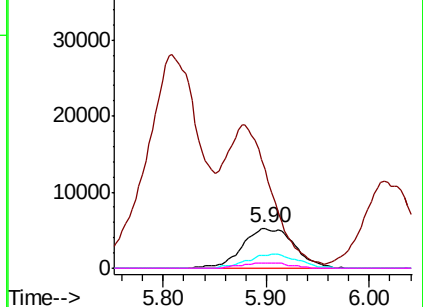


Abundance Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0



#23

Vinyl Acetate

Concen: 8.800 ug/l

RT: 5.81 min Scan# 1255

Delta R.T. -0.03 min

Lab File: VN061467.D

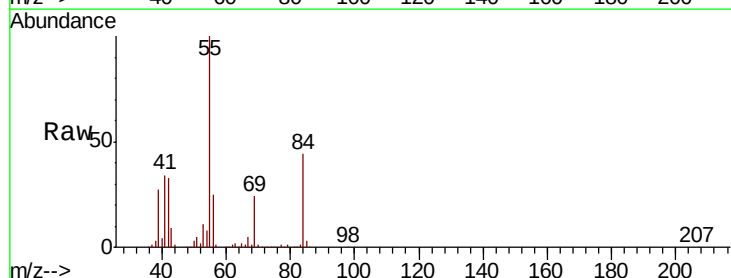
Acq: 19 May 2020 8:06

Tgt Ion: 43 Resp: 86942

Ion Ratio Lower Upper

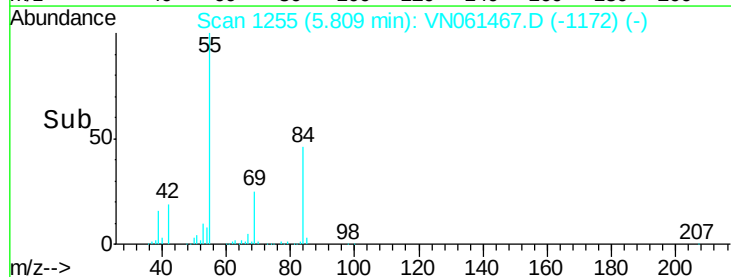
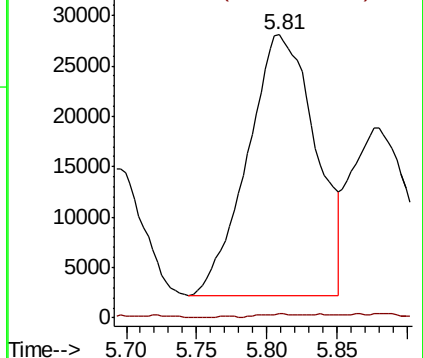
43 100

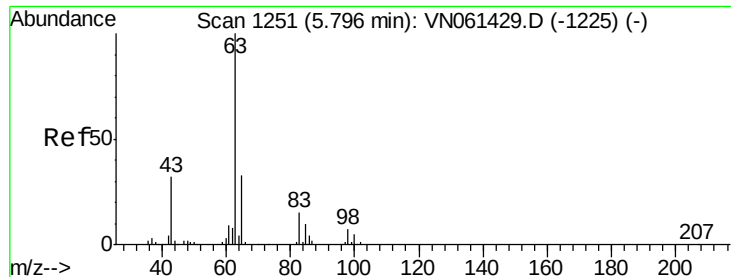
86 1.6 9.1 13.7#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

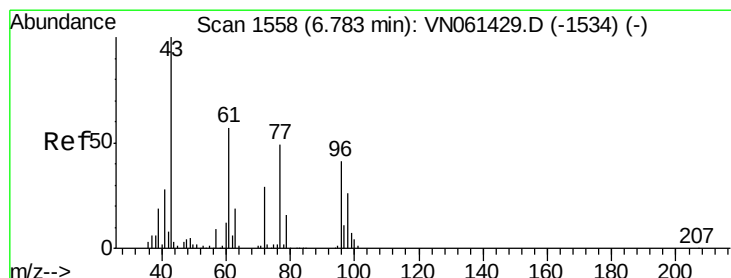
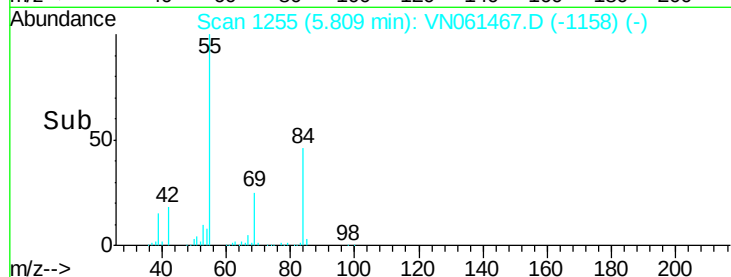
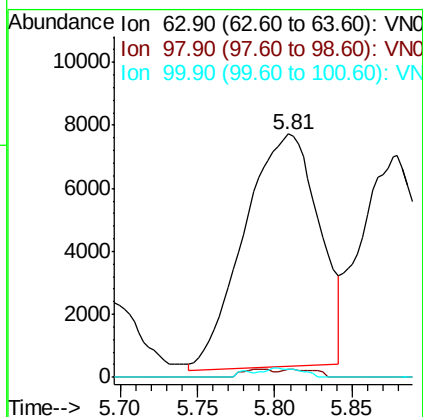
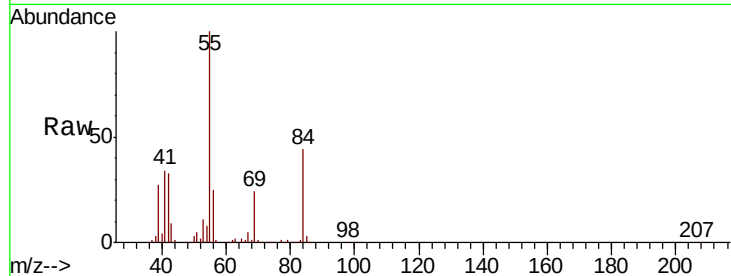




#24
 1,1-Dichloroethane
 Concen: 3.425 ug/l
 RT: 5.81 min Scan# 1255
 Delta R.T. 0.01 min
 Lab File: VN061467.D
 Acq: 19 May 2020 8:06

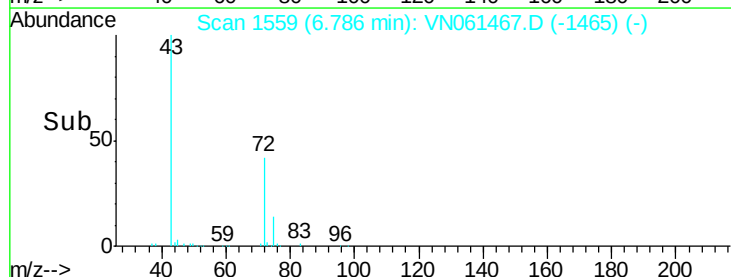
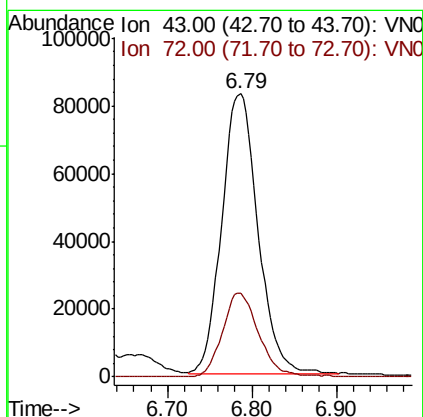
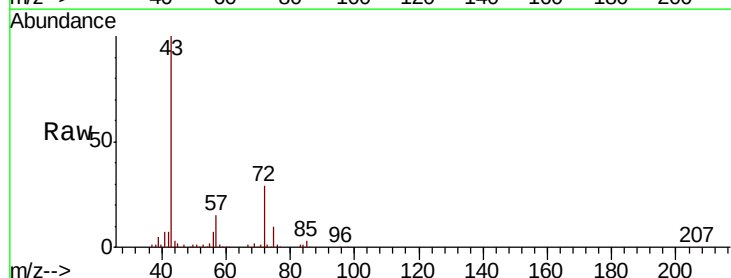
Instrument :
 MSVOA_N
 ClientSampled :

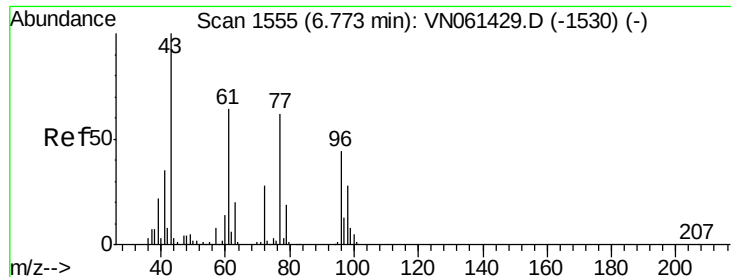
Tot Ion: 63 Resp: 24824
 Ion Ratio Lower Upper
 63 100
 98 3.4 3.5 10.5#
 100 3.5 2.3 6.9



#25
 2-Butanone
 Concen: 108.923 ug/l
 RT: 6.79 min Scan# 1559
 Delta R.T. 0.00 min
 Lab File: VN061467.D
 Acq: 19 May 2020 8:06

Tgt Ion: 43 Resp: 245329
 Ion Ratio Lower Upper
 43 100
 72 29.9 23.0 34.6

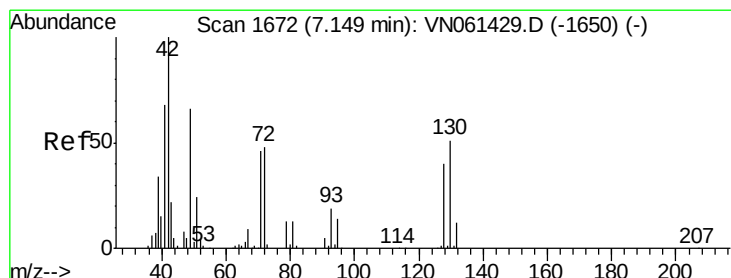
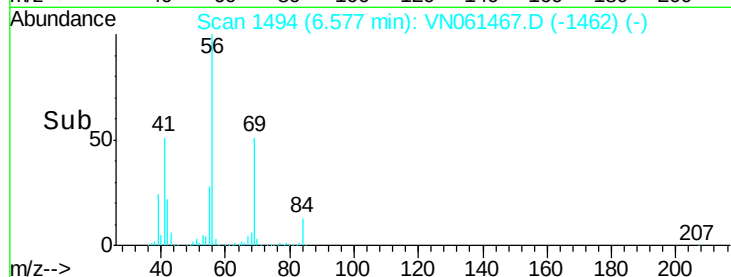
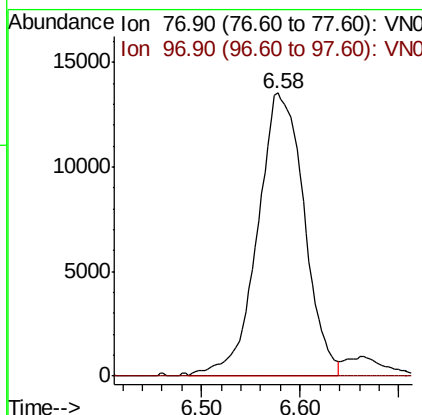
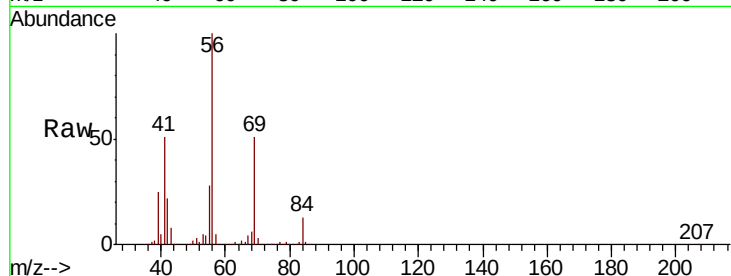




#26
 2,2-Dichloropropane
 Concen: 6.409 ug/l
 RT: 6.58 min Scan# 1494
 Delta R.T. -0.20 min
 Lab File: VN061467.D
 Acq: 19 May 2020 8:06

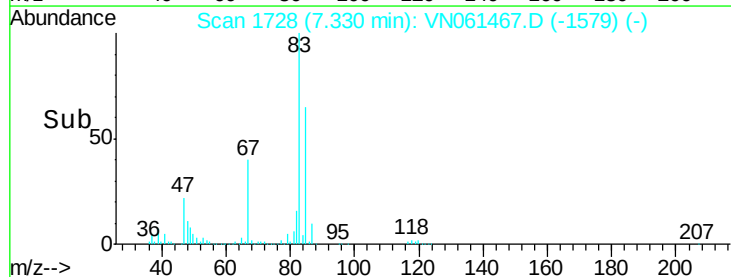
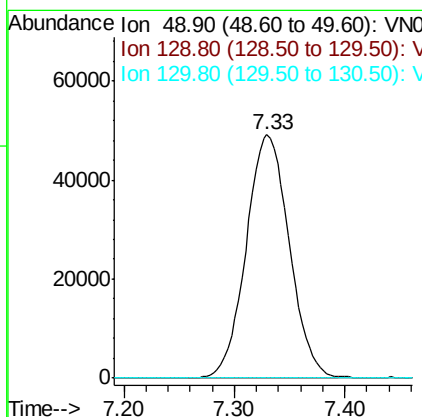
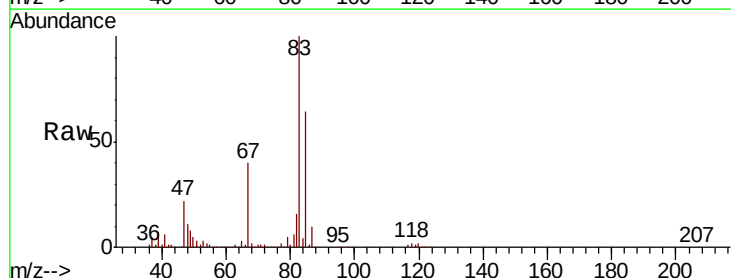
Instrument :
 MSVOA_N
 ClientSampled :

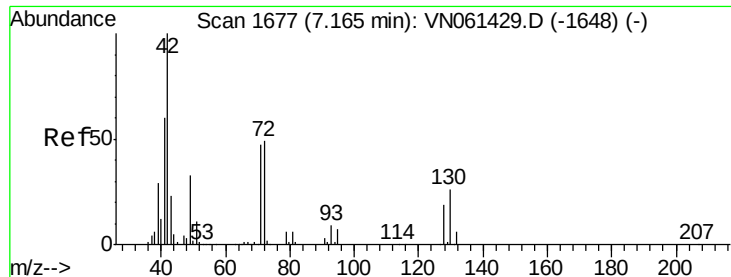
Tot Ion: 77 Resp: 44279
 Ion Ratio Lower Upper
 77 100
 97 0.0 10.9 32.9#



#28
 Bromochloromethane
 Concen: 43.200 ug/l
 RT: 7.33 min Scan# 1728
 Delta R.T. 0.18 min
 Lab File: VN061467.D
 Acq: 19 May 2020 8:06

Tgt Ion: 49 Resp: 132888
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.6
 130 0.0 62.2 93.2#

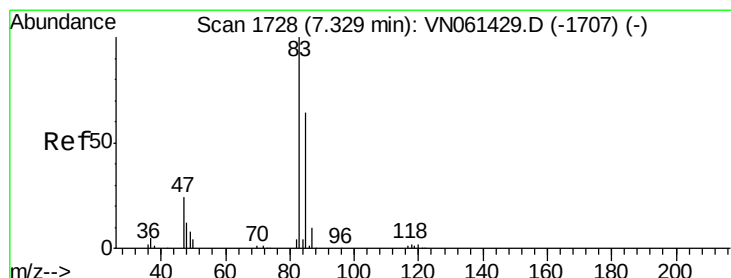
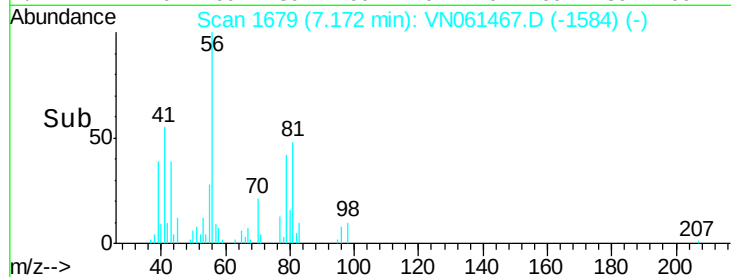
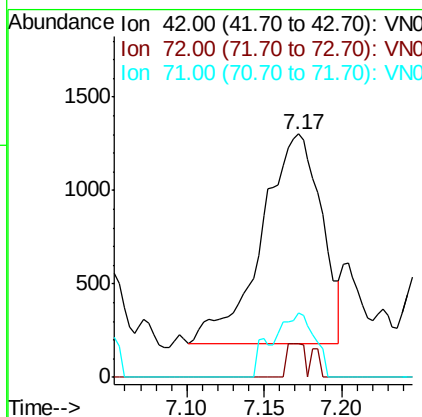
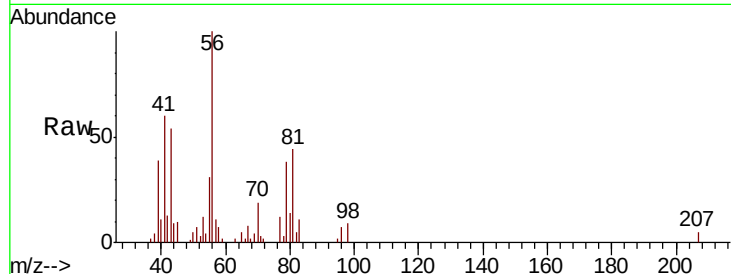




#29
Tetrahydrofuran
Concen: 2.032 ug/l
RT: 7.17 min Scan# 1679
Delta R.T. 0.01 min
Lab File: VN061467.D
Acq: 19 May 2020 8:06

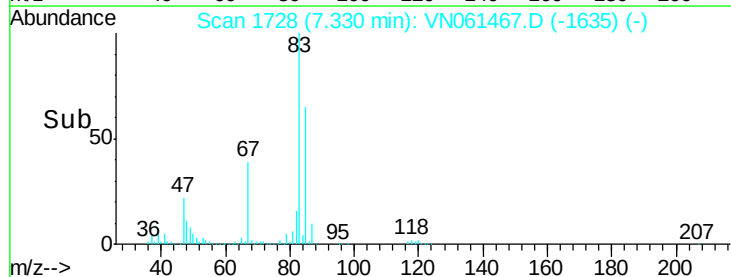
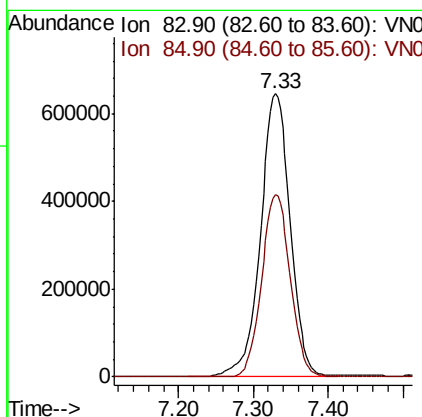
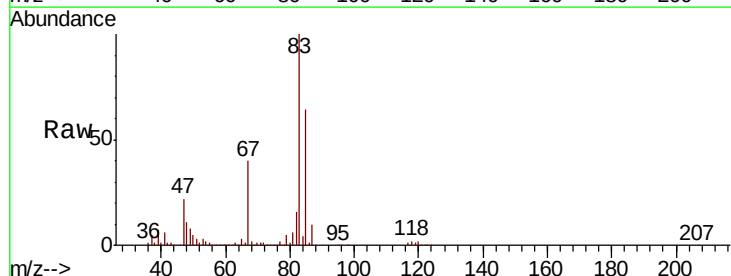
Instrument :
MSVOA_N
ClientSampled :

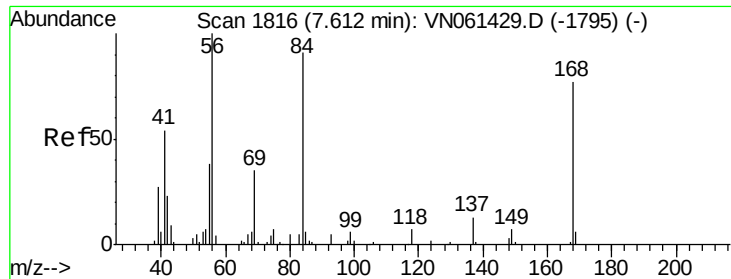
Tot Ion: 42 Resp: 3031
Ion Ratio Lower Upper
42 100
72 0.0 39.0 58.6#
71 0.0 36.9 55.3#



#30
Chloroform
Concen: 235.251 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. 0.00 min
Lab File: VN061467.D
Acq: 19 May 2020 8:06

Tgt Ion: 83 Resp: 1780681
Ion Ratio Lower Upper
83 100
85 64.5 51.0 76.4

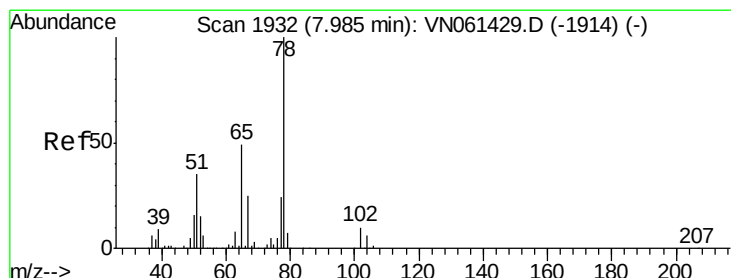
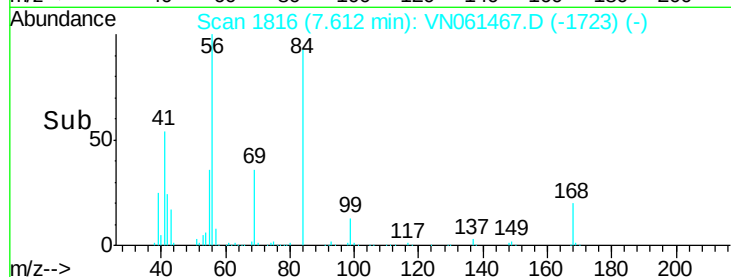
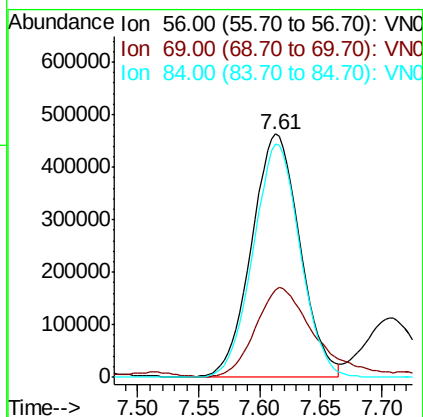
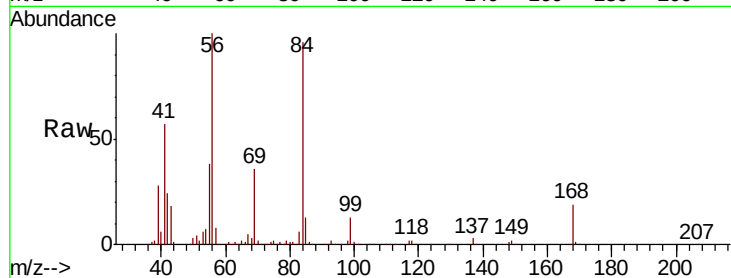




#31
Cyclohexane
Concen: 208.459 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. 0.00 min
Lab File: VN061467.D
Acq: 19 May 2020 8:06

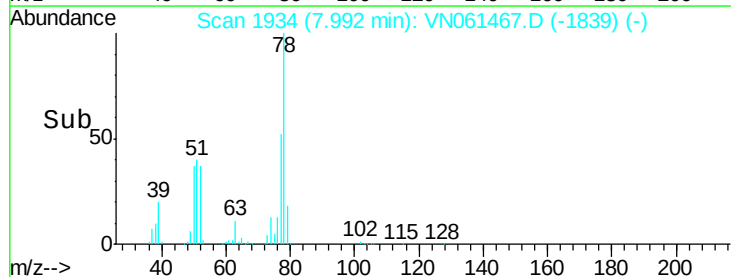
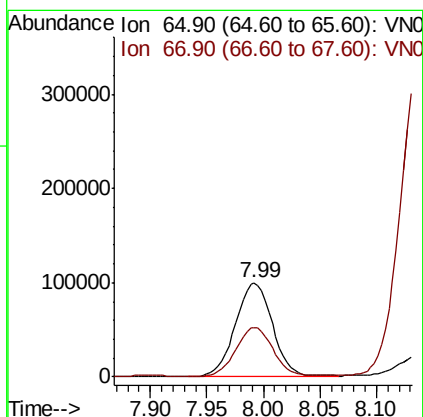
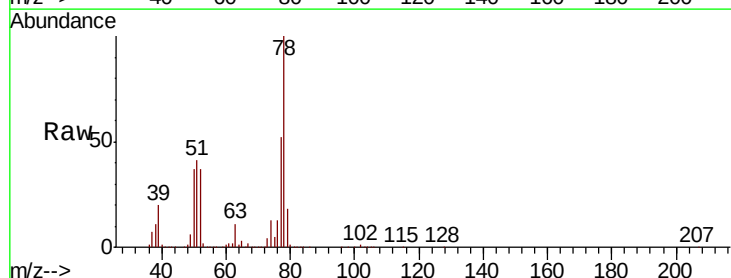
Instrument :
MSVOA_N
ClientSampled :

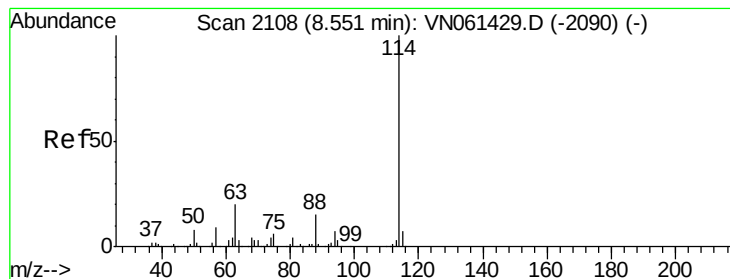
Tot Ion: 56 Resp: 1269461
Ion Ratio Lower Upper
56 100
69 35.5 27.8 41.6
84 96.0 72.7 109.1



#33
1,2-Dichloroethane-d4
Concen: 46.555 ug/l
RT: 7.99 min Scan# 1934
Delta R.T. 0.01 min
Lab File: VN061467.D
Acq: 19 May 2020 8:06

Tgt Ion: 65 Resp: 230299
Ion Ratio Lower Upper
65 100
67 52.3 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2108

Delta R.T. 0.00 min

Lab File: VN061467.D

Acq: 19 May 2020 8:06

Instrument :

MSVOA_N

ClientSampleId :

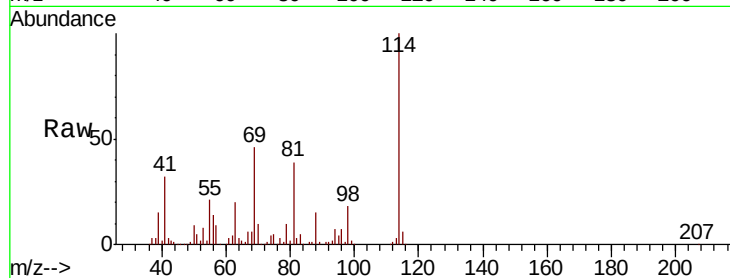
Tot Ion:114 Resp: 619821

Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.8

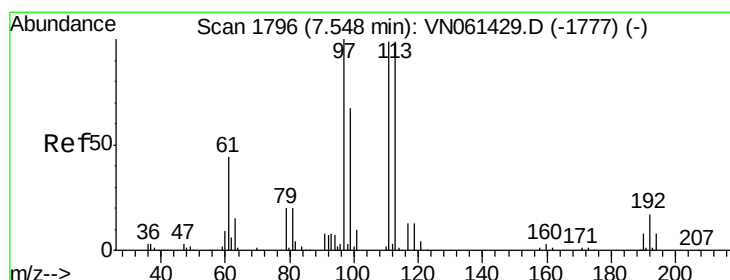
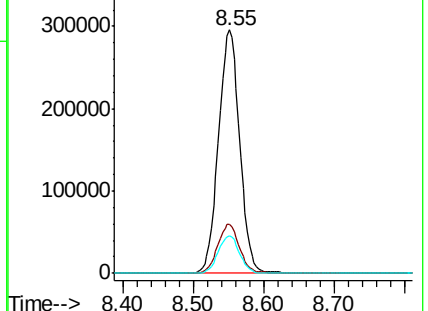
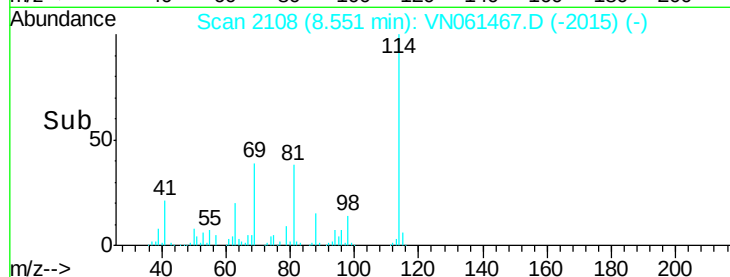
88 15.2 0.0 30.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 8.509 ug/l

RT: 7.55 min Scan# 1797

Delta R.T. 0.00 min

Lab File: VN061467.D

Acq: 19 May 2020 8:06

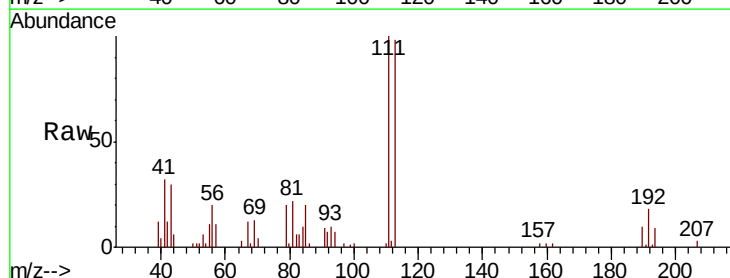
Tgt Ion:113 Resp: 27629

Ion Ratio Lower Upper

113 100

111 103.3 80.6 121.0

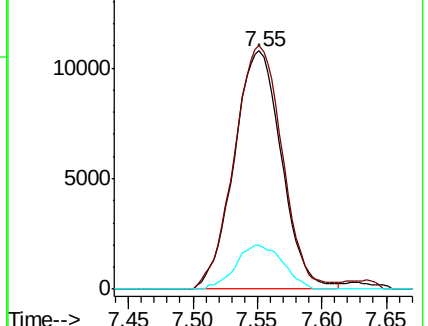
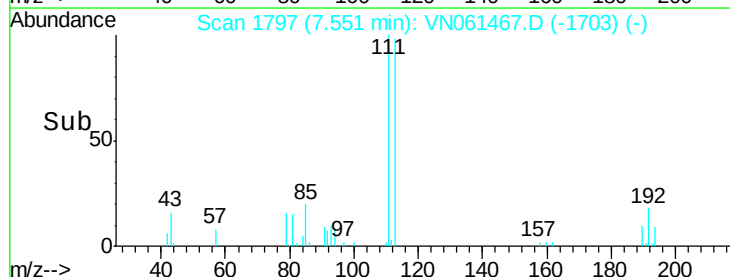
192 18.4 13.2 19.8

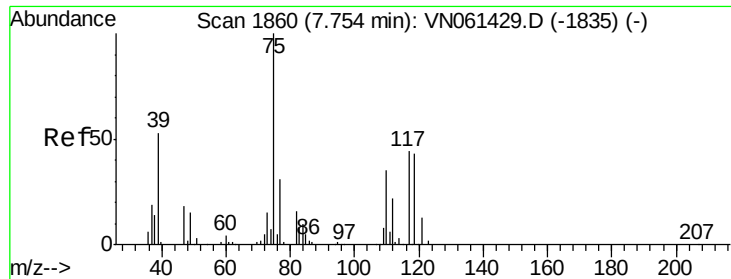


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

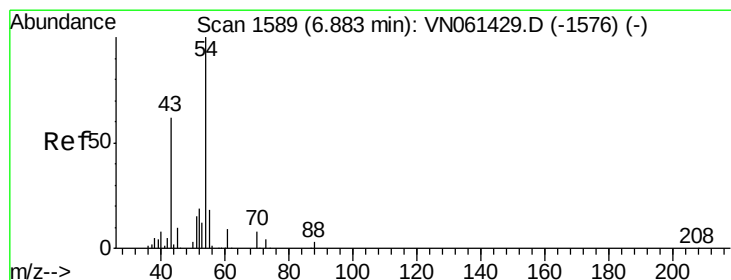
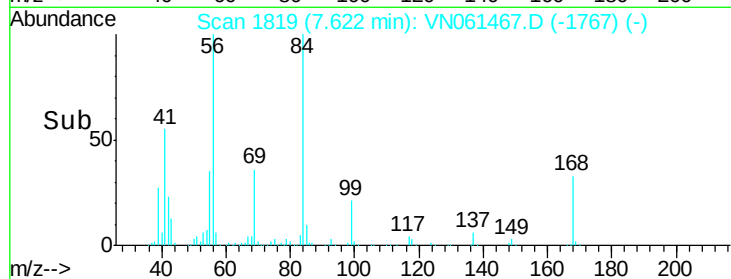
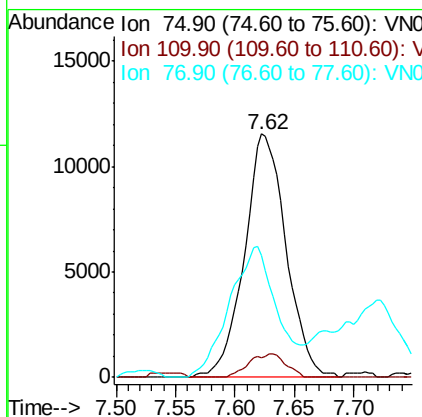
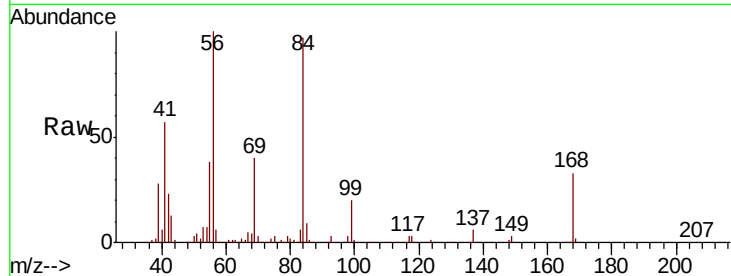




#36
 1,1-Dichloropropene
 Concen: 4.829 ug/l
 RT: 7.62 min Scan# 1819
 Delta R.T. -0.13 min
 Lab File: VN061467.D
 Acq: 19 May 2020 8:06

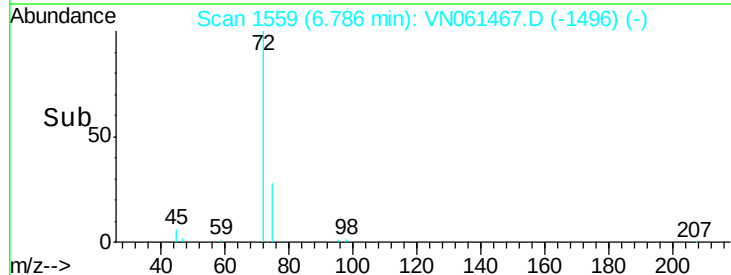
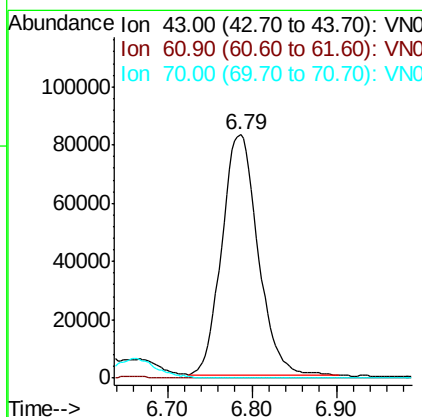
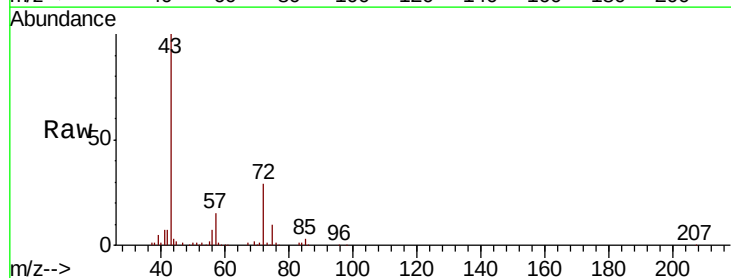
Instrument :
 MSVOA_N
 ClientSampled :

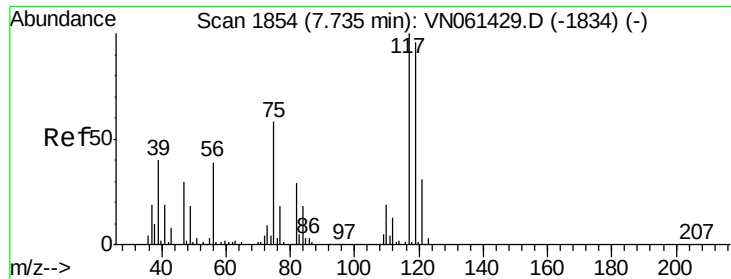
Tot Ion	75	Resp	27986
Ion	Ratio	Lower	Upper
75	100		
110	8.6	17.3	51.9#
77	0.0	24.9	37.3#



#37
 Ethyl Acetate
 Concen: 46.676 ug/l
 RT: 6.79 min Scan# 1559
 Delta R.T. -0.10 min
 Lab File: VN061467.D
 Acq: 19 May 2020 8:06

Tgt Ion	43	Resp	245329
Ion	Ratio	Lower	Upper
43	100		
61	0.2	11.7	17.5#
70	0.0	9.2	13.8#





#38

Carbon Tetrachloride

Concen: 6.466 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.11 min

Lab File: VN061467.D

Acq: 19 May 2020 8:06

Instrument :

MSVOA_N

ClientSampleId :

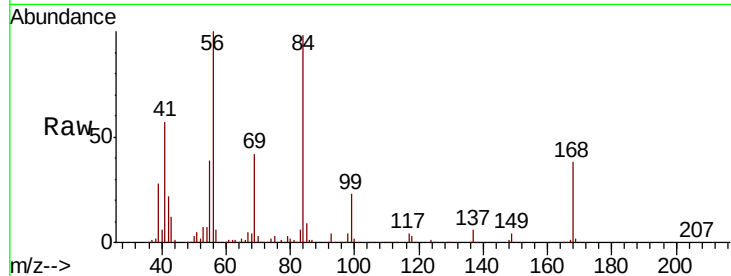
Tot Ion:117 Resp: 34506

Ion Ratio Lower Upper

117 100

119 4.5 77.0 115.6#

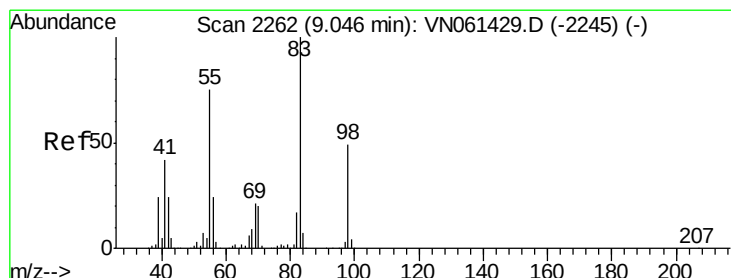
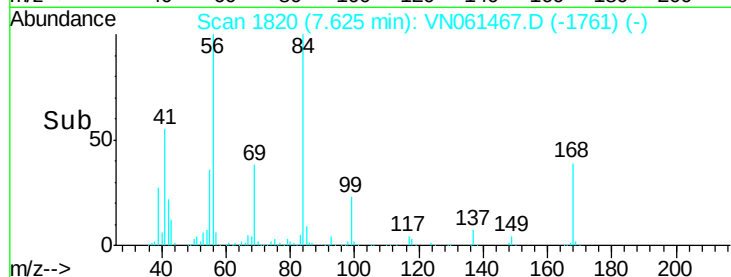
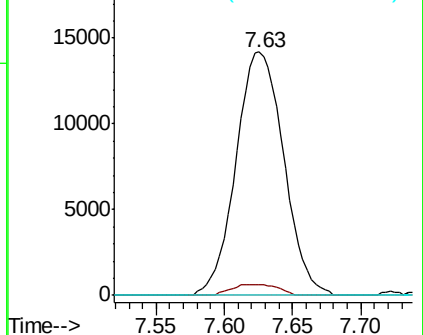
121 0.0 24.7 37.1#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 111.983 ug/l

RT: 9.05 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VN061467.D

Acq: 19 May 2020 8:06

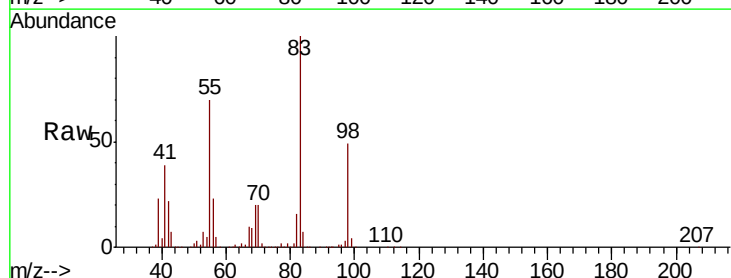
Tgt Ion: 83 Resp: 792700

Ion Ratio Lower Upper

83 100

55 69.0 59.7 89.5

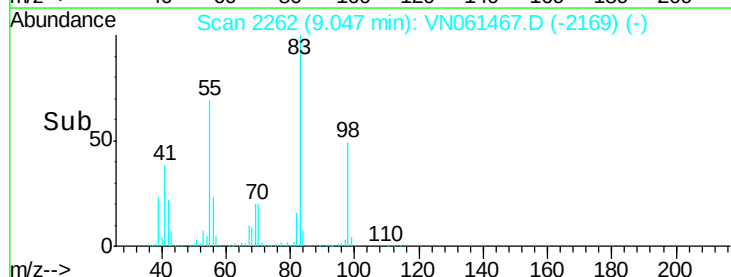
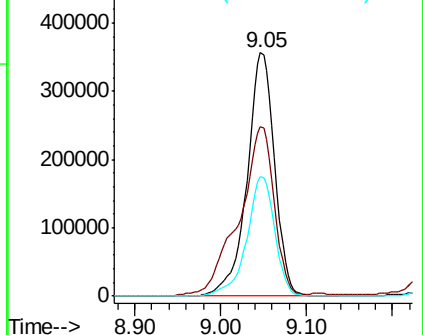
98 49.1 38.9 58.3

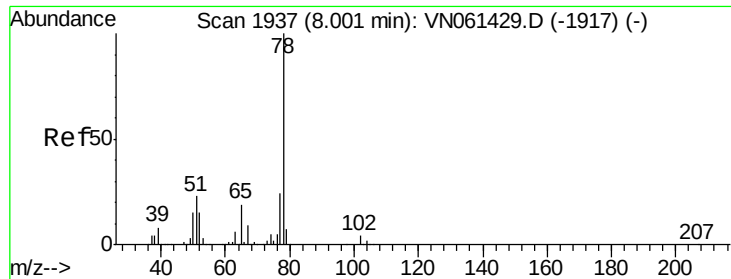


Abundance Ion 83.00 (82.70 to 83.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 98.00 (97.70 to 98.70): V





#40

Benzene

Concen: 754.859 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. 0.00 min

Lab File: VN061467.D

Acq: 19 May 2020 8:06

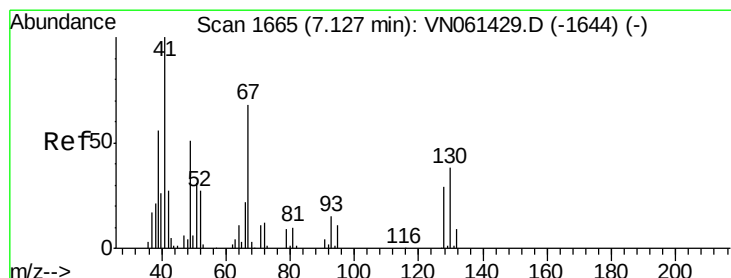
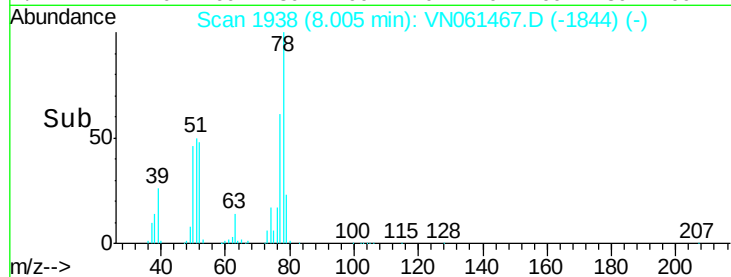
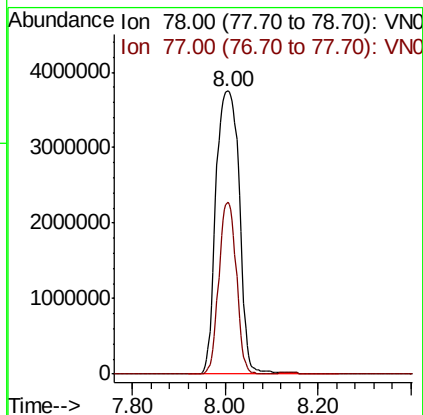
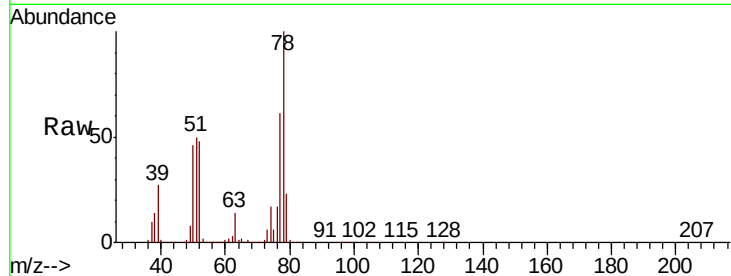
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 78 Resp: 13184106

Ion Ratio Lower Upper

78 100

77 60.6 19.1 28.7#



#41

Methacrylonitrile

Concen: 9.281 ug/l

RT: 7.17 min Scan# 1678

Delta R.T. 0.04 min

Lab File: VN061467.D

Acq: 19 May 2020 8:06

Tgt Ion: 41 Resp: 20604

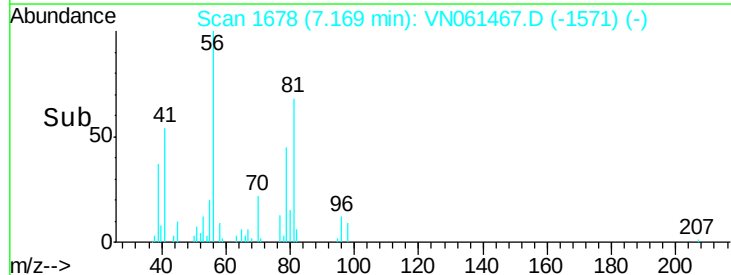
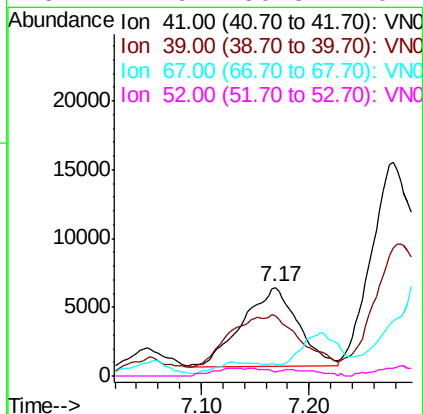
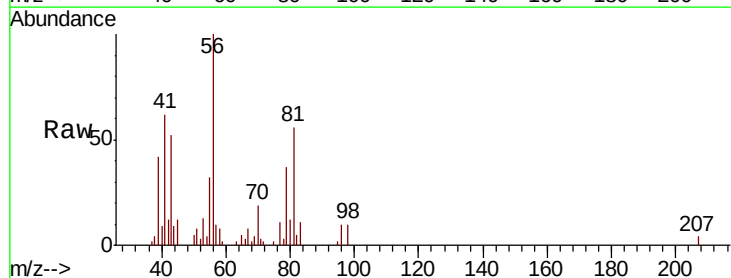
Ion Ratio Lower Upper

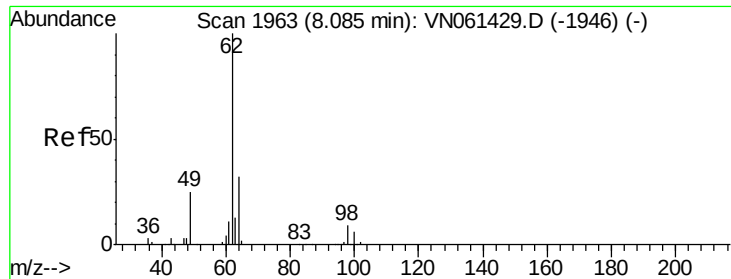
41 100

39 0.0 48.3 72.5#

67 0.0 74.2 111.4#

52 4.9 30.8 46.2#





#42

1,2-Dichloroethane

Concen: 39.605 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. -0.08 min

Lab File: VN061467.D

Acq: 19 May 2020 8:06

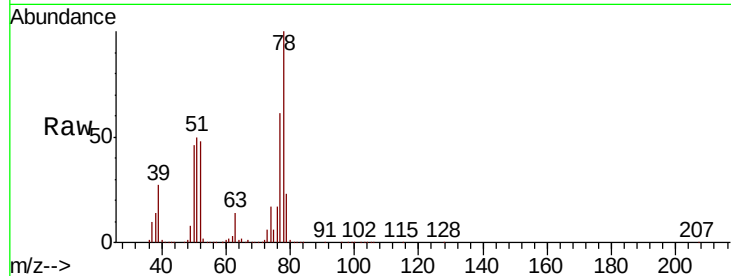
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 62 Resp: 249217

Ion Ratio Lower Upper

62 100

98 3.4 0.0 18.4



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

8.00

120000

100000

80000

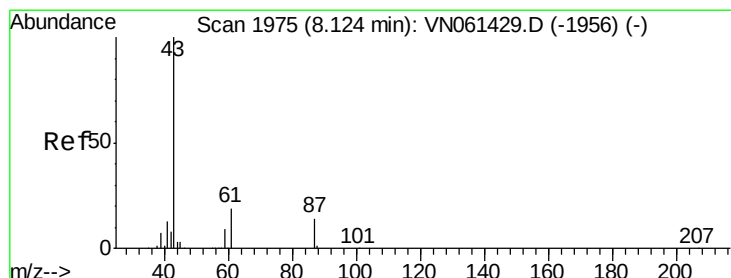
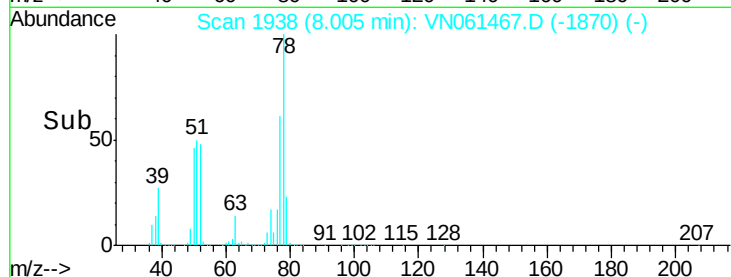
60000

40000

20000

0

Time--> 7.90 7.95 8.00 8.05



#43

Isopropyl Acetate

Concen: 62.056 ug/l

RT: 8.09 min Scan# 1966

Delta R.T. -0.03 min

Lab File: VN061467.D

Acq: 19 May 2020 8:06

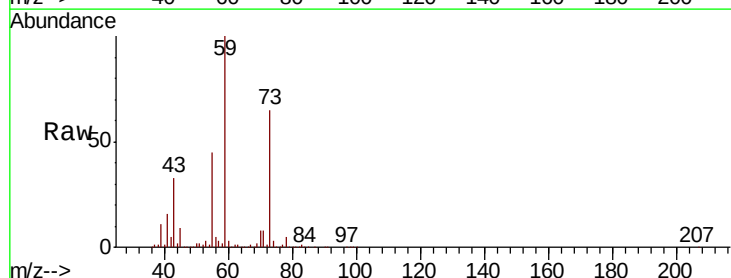
Tgt Ion: 43 Resp: 568869

Ion Ratio Lower Upper

43 100

61 0.0 23.0 34.4#

87 0.0 11.6 17.4#



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

300000

250000

200000

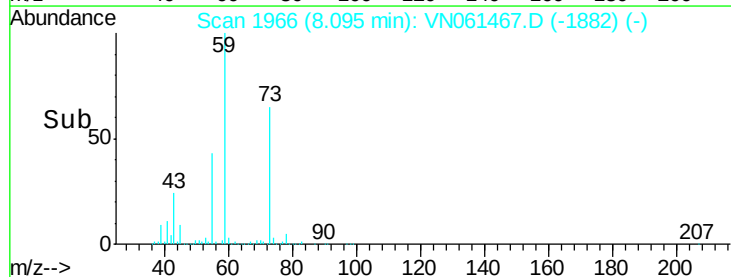
150000

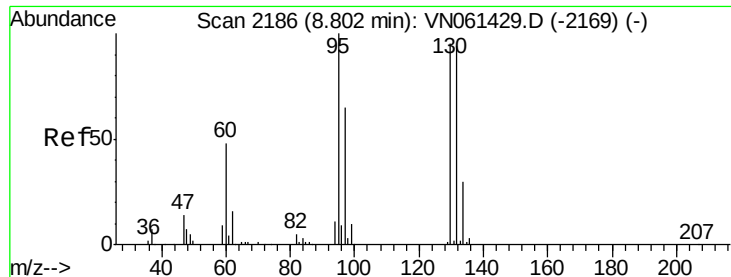
100000

50000

0

Time--> 8.00 8.10 8.20





#44

Trichloroethene

Concen: 0.362 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN061467.D

Acq: 19 May 2020 8:06

Instrument :

MSVOA_N

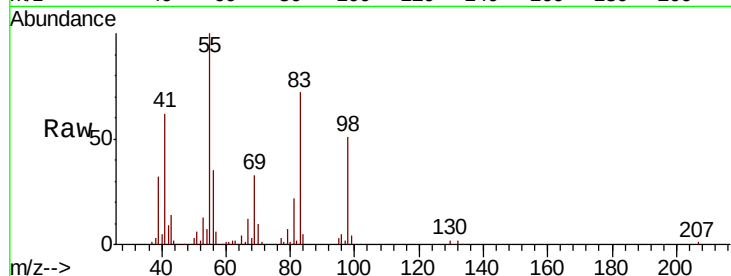
ClientSampleId :

Tot Ion:130 Resp: 1657

Ion Ratio Lower Upper

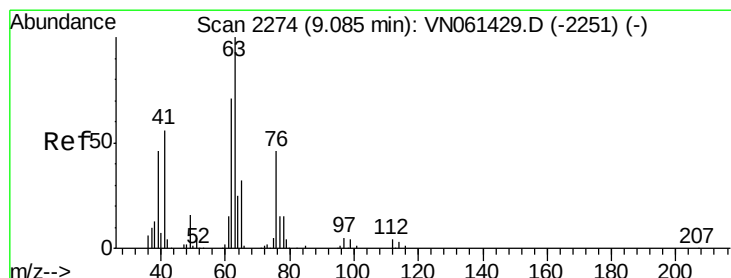
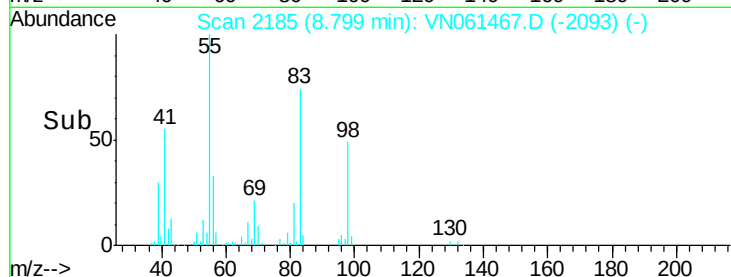
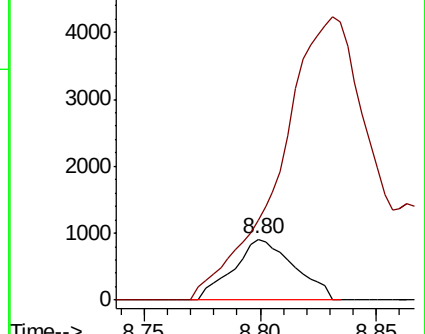
130 100

95 131.9 0.0 209.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VN0



#45

1,2-Dichloropropane

Concen: 0.488 ug/l

RT: 9.01 min Scan# 2252

Delta R.T. -0.07 min

Lab File: VN061467.D

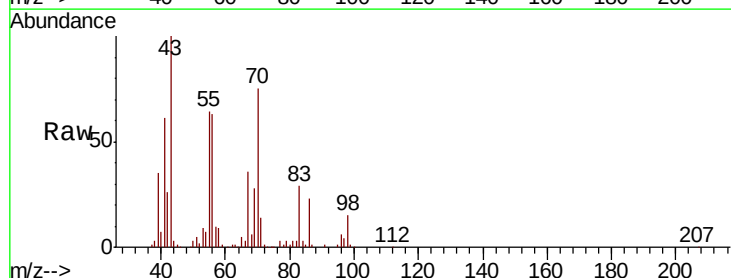
Acq: 19 May 2020 8:06

Tgt Ion: 63 Resp: 2132

Ion Ratio Lower Upper

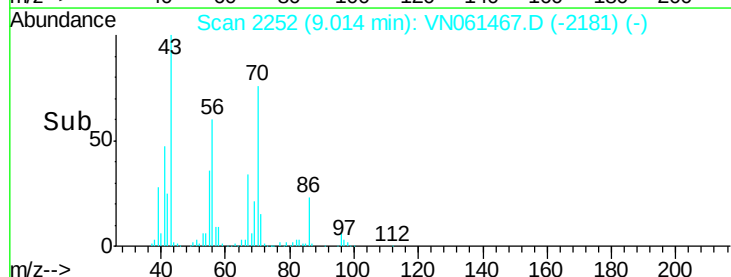
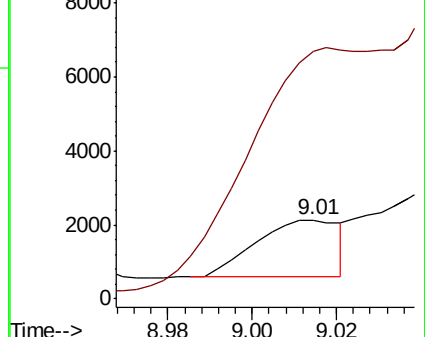
63 100

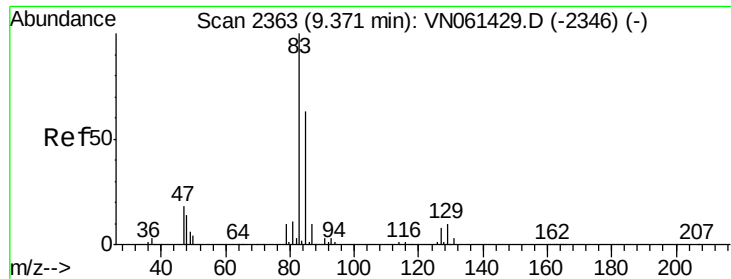
65 356.9 25.2 37.8#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0





#47

Bromodichloromethane

Concen: 6.088 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN061467.D

Acq: 19 May 2020 8:06

Instrument :
MSVOA_N
ClientSampled :

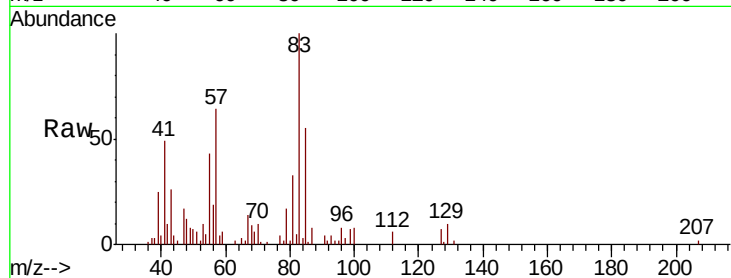
Tot Ion: 83 Resp: 39310

Ion Ratio Lower Upper

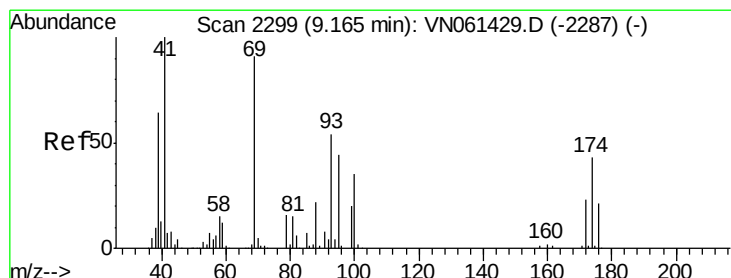
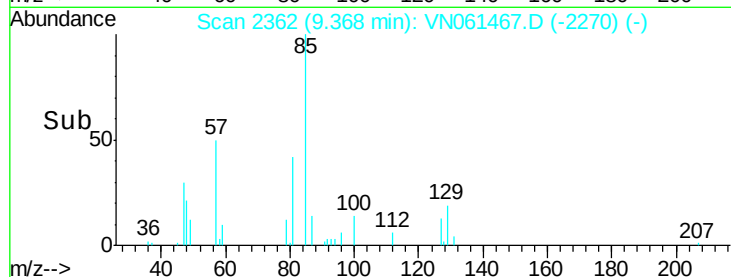
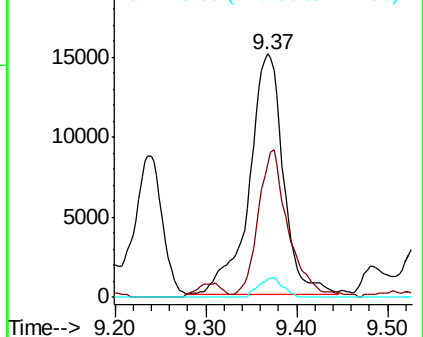
83 100

85 53.9 50.6 76.0

127 7.4 6.1 9.1



Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0



#48

Methyl methacrylate

Concen: 22.439 ug/l

RT: 9.24 min Scan# 2321

Delta R.T. 0.07 min

Lab File: VN061467.D

Acq: 19 May 2020 8:06

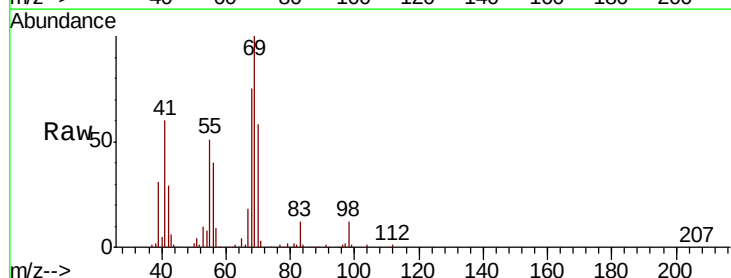
Tgt Ion: 41 Resp: 95024

Ion Ratio Lower Upper

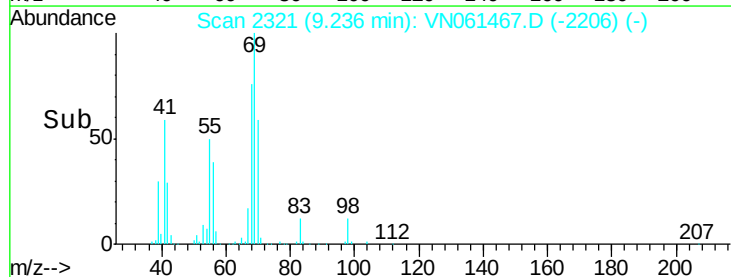
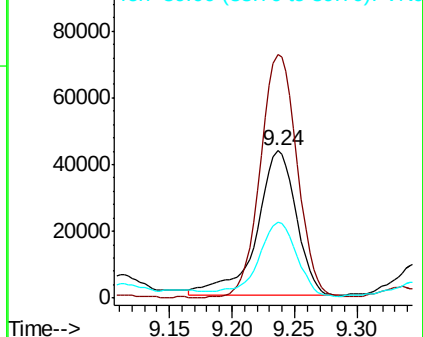
41 100

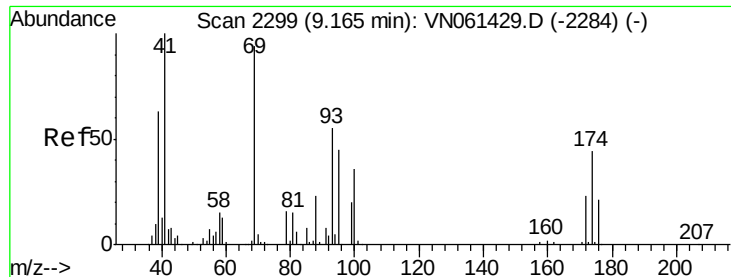
69 155.6 75.3 112.9#

39 50.0 52.6 79.0#



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

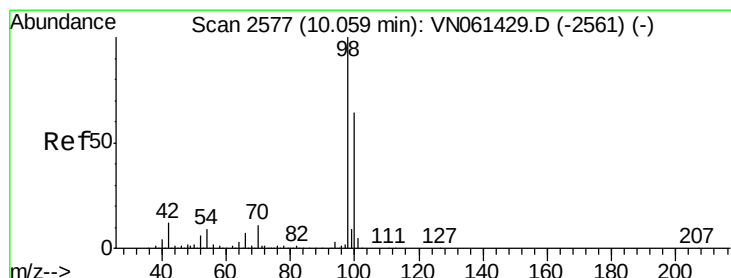
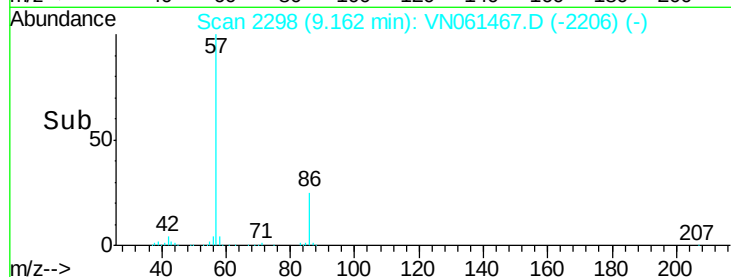
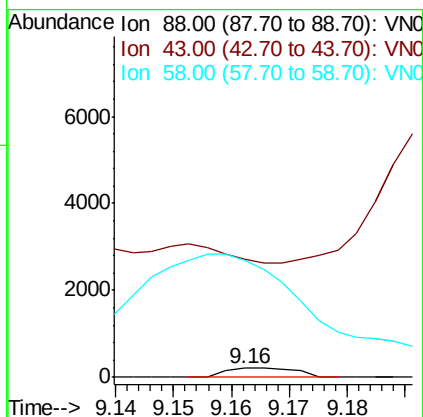
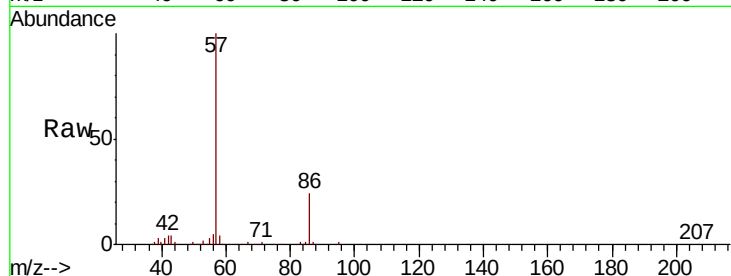




#49
1,4-Dioxane
Concen: Below Cal
RT: 9.16 min Scan# 2298
Delta R.T. -0.00 min
Lab File: VN061467.D
Acq: 19 May 2020 8:06

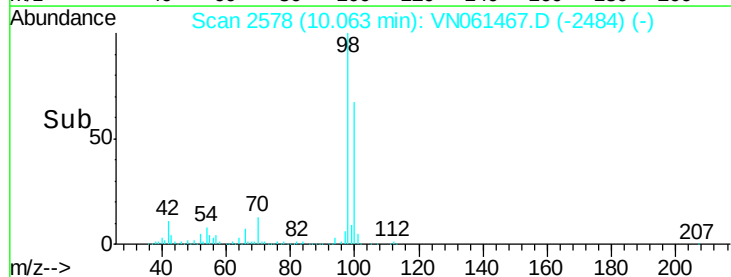
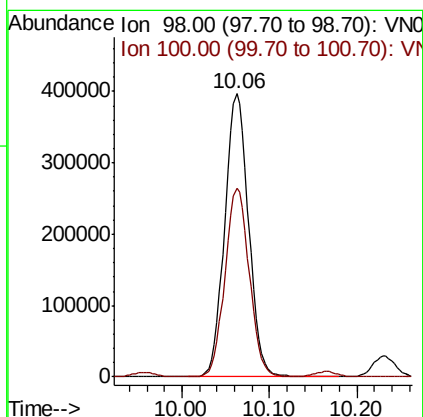
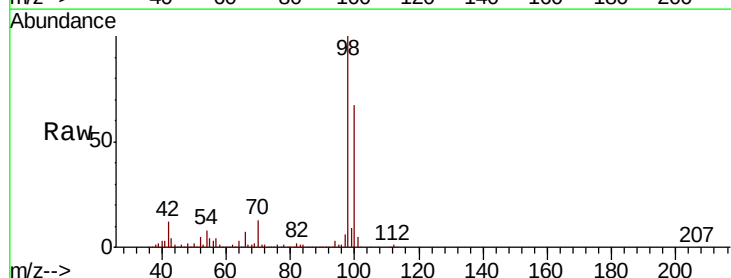
Instrument :
MSVOA_N
ClientSampled :

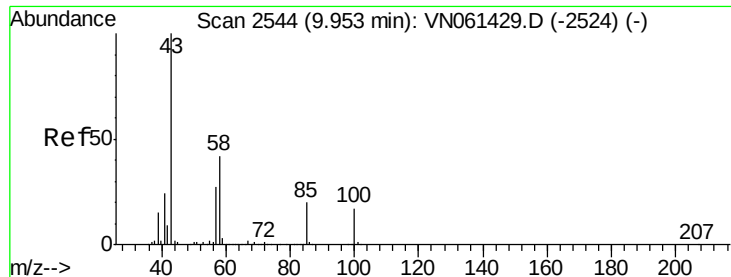
Tot Ion: 88 Resp: 178
Ion Ratio Lower Upper
88 100
43 0.0 26.3 39.5#
58 3562.4 54.1 81.1#



#50
Toluene-d8
Concen: 49.722 ug/l
RT: 10.06 min Scan# 2578
Delta R.T. 0.00 min
Lab File: VN061467.D
Acq: 19 May 2020 8:06

Tgt Ion: 98 Resp: 748852
Ion Ratio Lower Upper
98 100
100 68.3 51.8 77.8

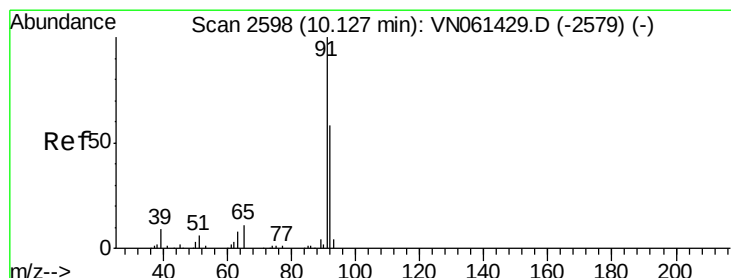
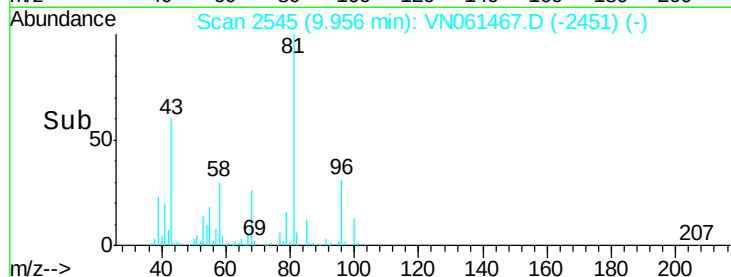
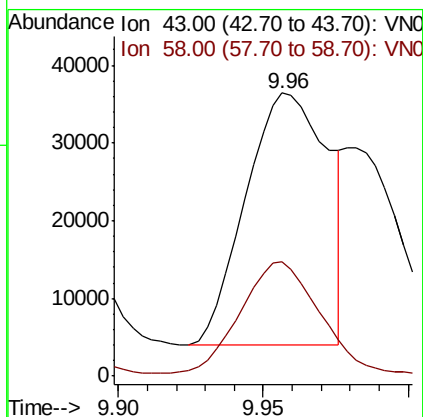
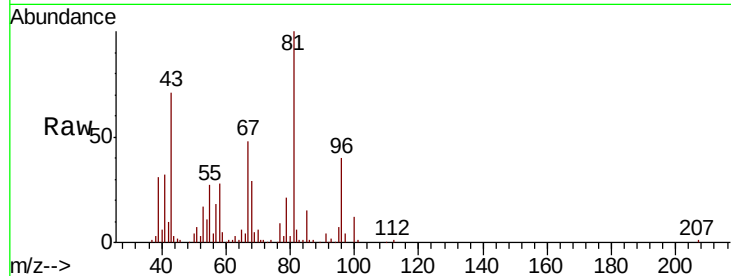




#51
 4-Methyl-2-Pentanone
 Concen: 12.813 ug/l
 RT: 9.96 min Scan# 2545
 Delta R.T. 0.00 min
 Lab File: VN061467.D
 Acq: 19 May 2020 8:06

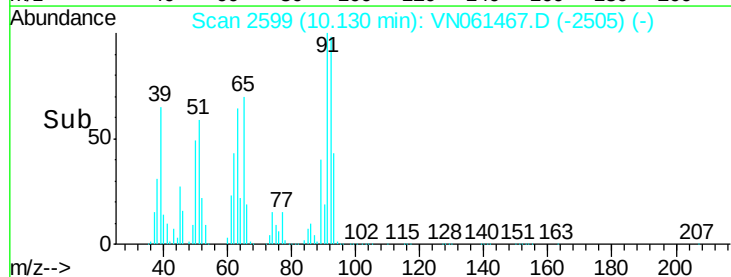
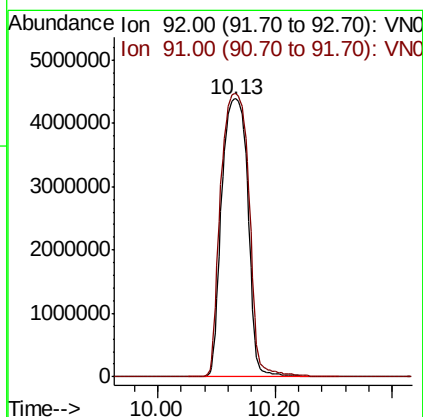
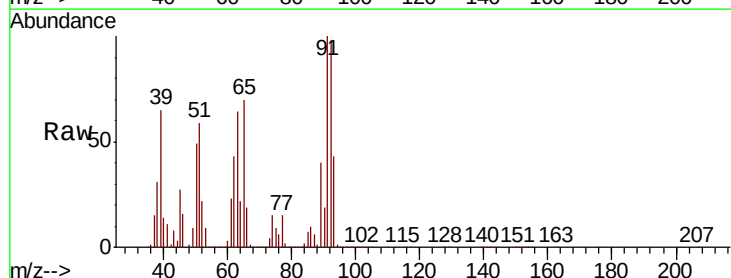
Instrument :
 MSVOA_N
 ClientSampled :

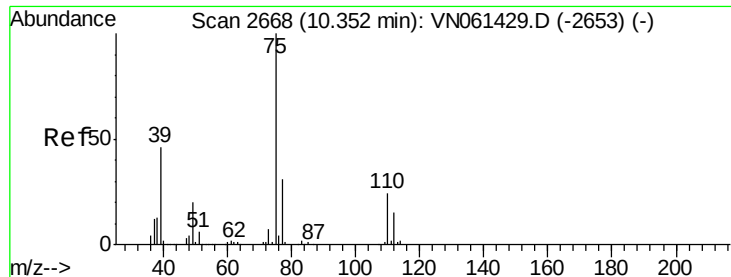
Tot Ion: 43 Resp: 63985
 Ion Ratio Lower Upper
 43 100
 58 43.2 33.4 50.2



#52
 Toluene
 Concen: 1204.725 ug/l
 RT: 10.13 min Scan# 2599
 Delta R.T. 0.00 min
 Lab File: VN061467.D
 Acq: 19 May 2020 8:06

Tgt Ion: 92 Resp: 13508674
 Ion Ratio Lower Upper
 92 100
 91 110.7 138.0 207.0#

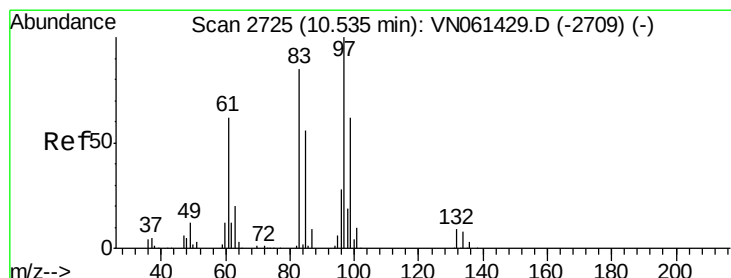
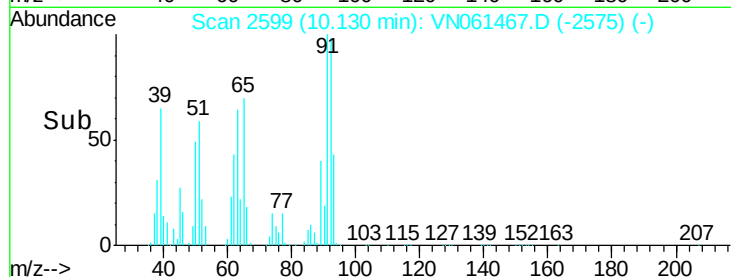
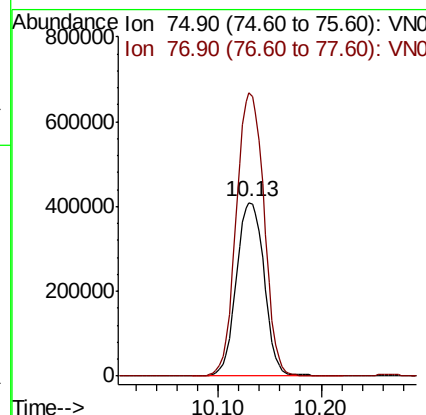
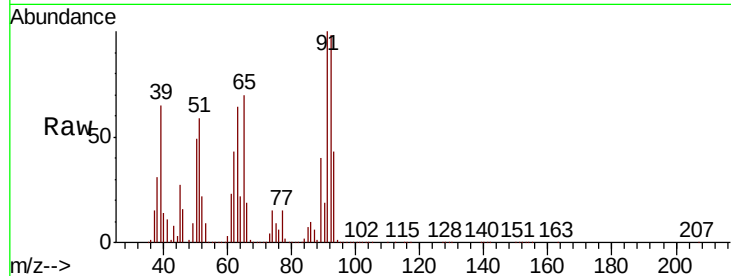




#53
t-1,3-Dichloropropene
Concen: 108.735 ug/l
RT: 10.13 min Scan# 2599
Delta R.T. -0.22 min
Lab File: VN061467.D
Acq: 19 May 2020 8:06

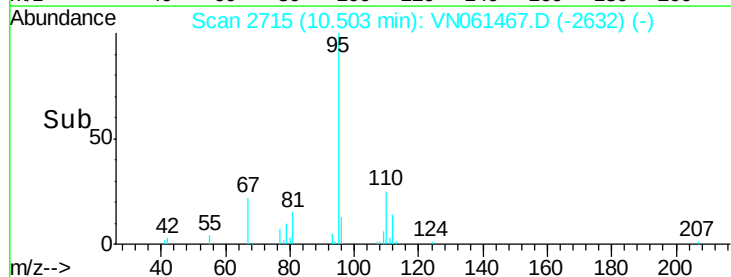
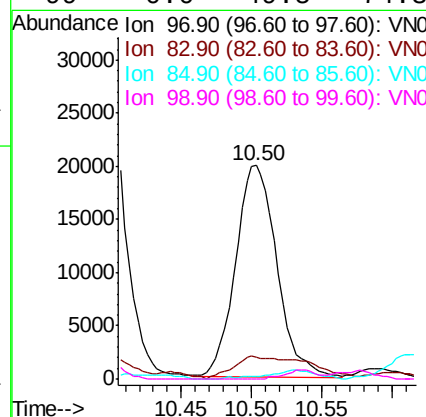
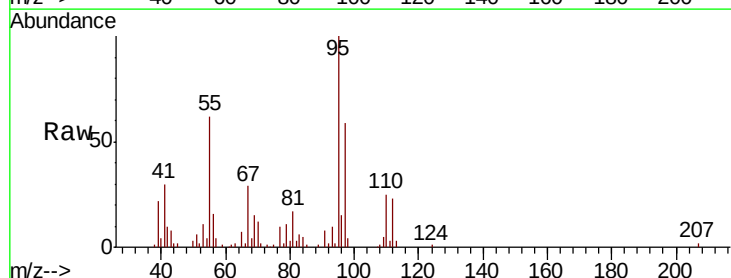
Instrument :
MSVOA_N
ClientSampleId :

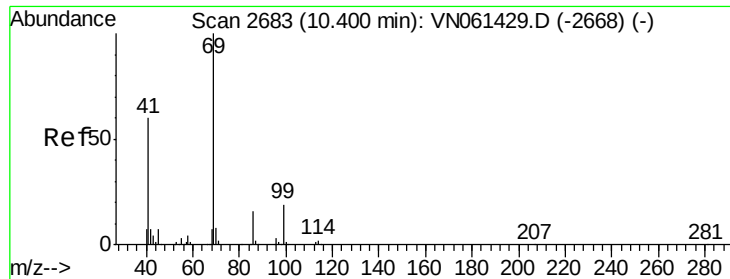
Tot Ion: 75 Resp: 769543
Ion Ratio Lower Upper
75 100
77 162.6 24.8 37.2#



#55
1,1,2-Trichloroethane
Concen: 9.706 ug/l
RT: 10.50 min Scan# 2715
Delta R.T. -0.03 min
Lab File: VN061467.D
Acq: 19 May 2020 8:06

Tgt Ion: 97 Resp: 41146
Ion Ratio Lower Upper
97 100
83 8.8 68.2 102.4#
85 1.1 44.6 67.0#
99 0.0 49.5 74.3#





#56

Ethyl methacrylate

Concen: 2.253 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. 0.00 min

Lab File: VN061467.D

Acq: 19 May 2020 8:06

Instrument :

MSVOA_N

ClientSampled :

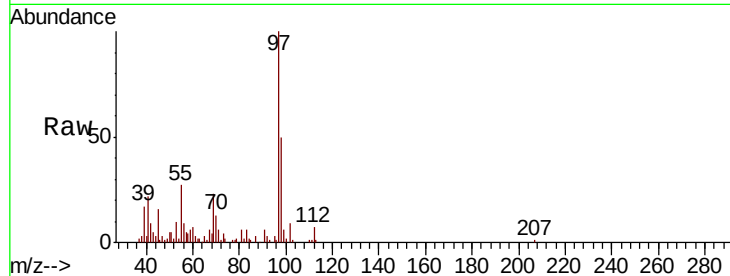
Tot Ion: 69 Resp: 14933

Ion Ratio Lower Upper

69 100

41 0.0 48.3 72.5#

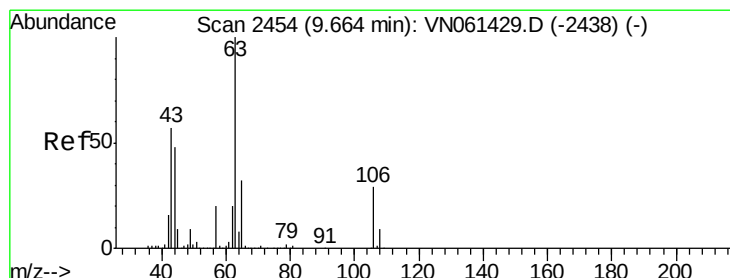
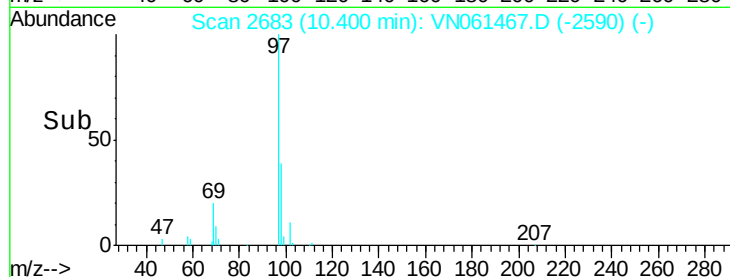
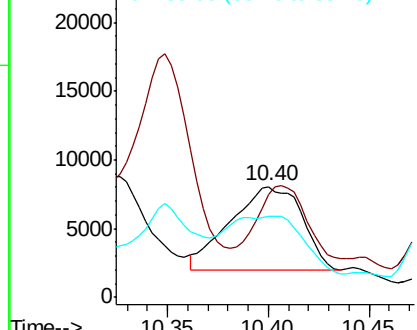
39 0.0 30.2 45.2#



Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 0.288 ug/l

RT: 9.64 min Scan# 2447

Delta R.T. -0.02 min

Lab File: VN061467.D

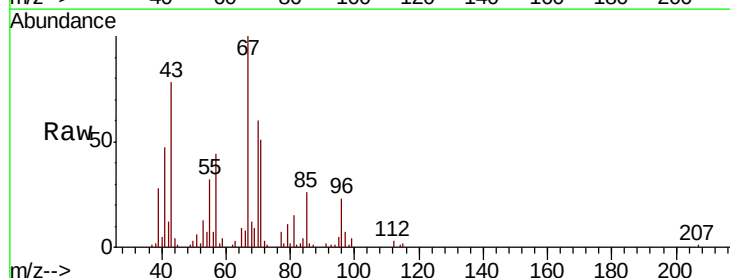
Acq: 19 May 2020 8:06

Tgt Ion: 63 Resp: 838

Ion Ratio Lower Upper

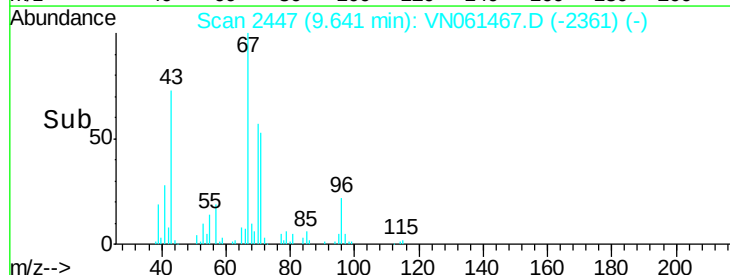
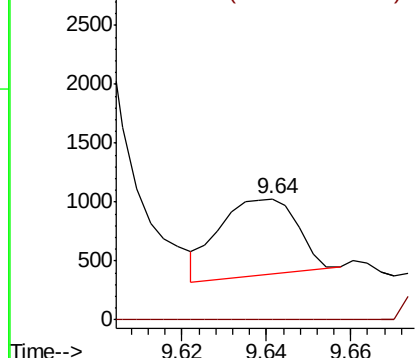
63 100

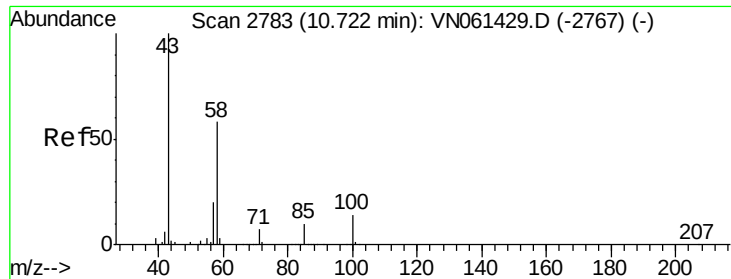
106 0.0 22.7 34.1#



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

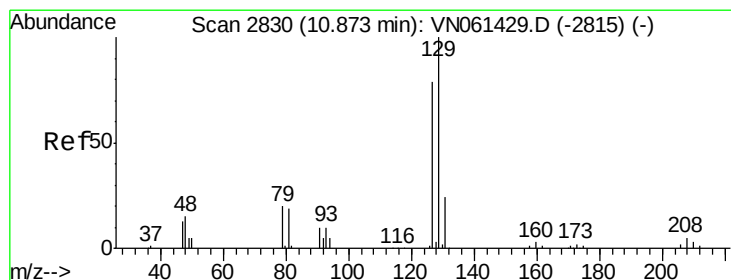
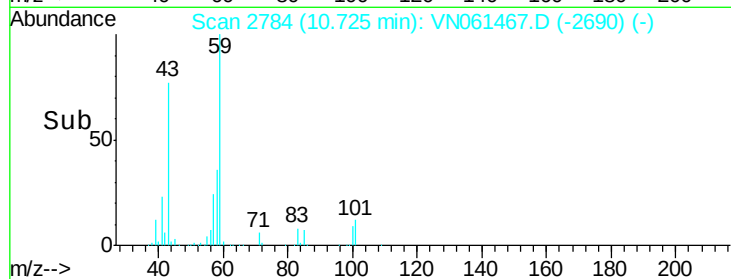
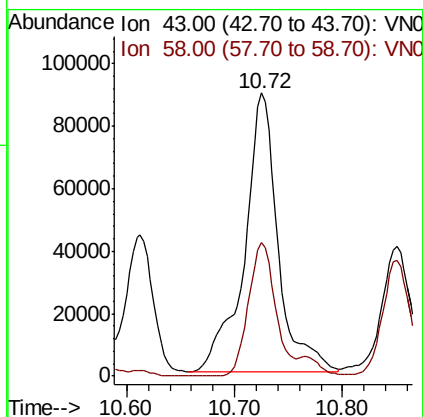
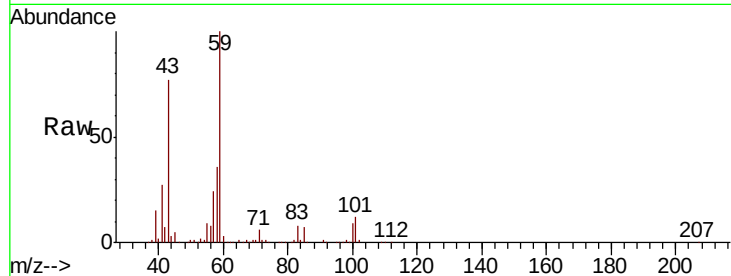




#59
2-Hexanone
Concen: 54.017 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN061467.D
Acq: 19 May 2020 8:06

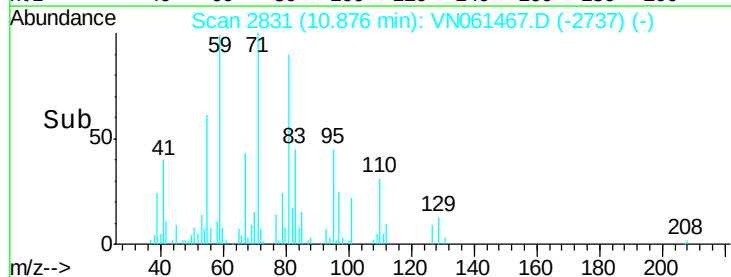
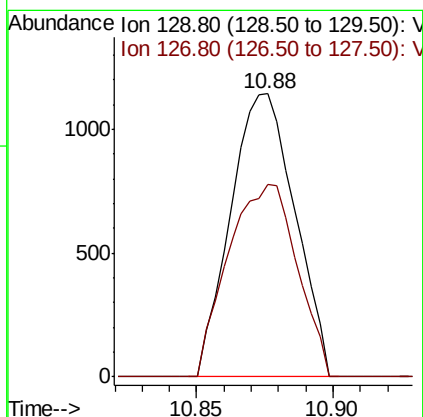
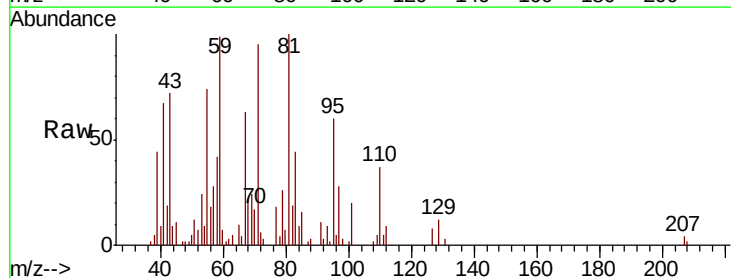
Instrument :
MSVOA_N
ClientSampleId :

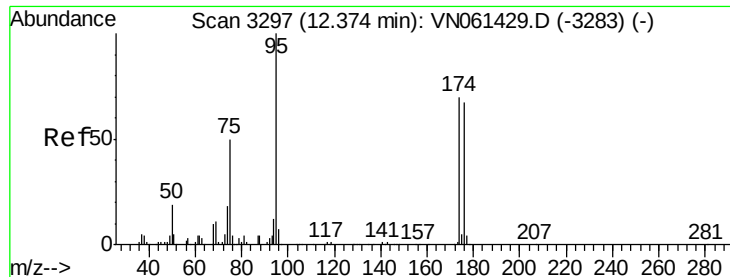
Tot Ion: 43 Resp: 195160
Ion Ratio Lower Upper
43 100
58 38.4 29.2 87.6



#60
Dibromochloromethane
Concen: 0.399 ug/l
RT: 10.88 min Scan# 2831
Delta R.T. 0.00 min
Lab File: VN061467.D
Acq: 19 May 2020 8:06

Tgt Ion: 129 Resp: 1871
Ion Ratio Lower Upper
129 100
127 72.9 38.8 116.3





#62

4-Bromofluorobenzene

Concen: 55.806 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. 0.00 min

Lab File: VN061467.D

Acq: 19 May 2020 8:06

Instrument :

MSVOA_N

ClientSampled :

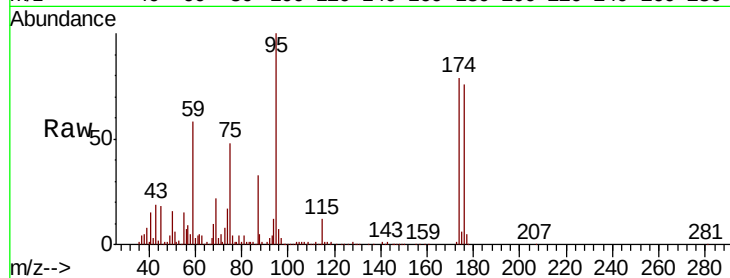
Tot Ion: 95 Resp: 314008

Ion Ratio Lower Upper

95 100

174 81.0 0.0 141.2

176 77.9 0.0 137.6



Abundance Ion 94.90 (94.60 to 95.60): VN061467.D (-3204) (-)

Ion 173.80 (173.50 to 174.50): VN061467.D (-3204) (-)

Ion 175.80 (175.50 to 176.50): VN061467.D (-3204) (-)

12.37

250000

200000

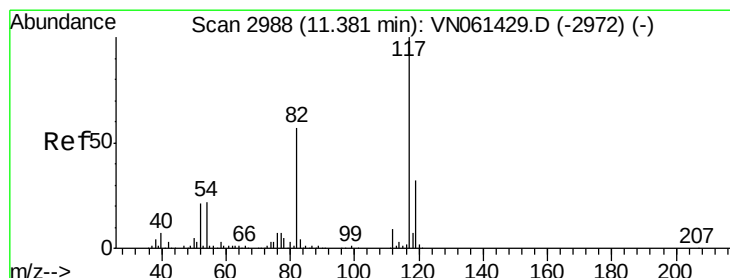
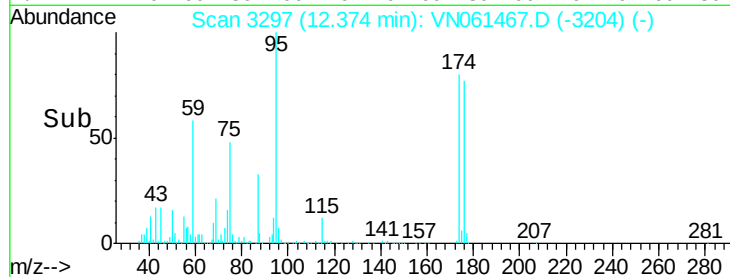
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN061467.D

Acq: 19 May 2020 8:06

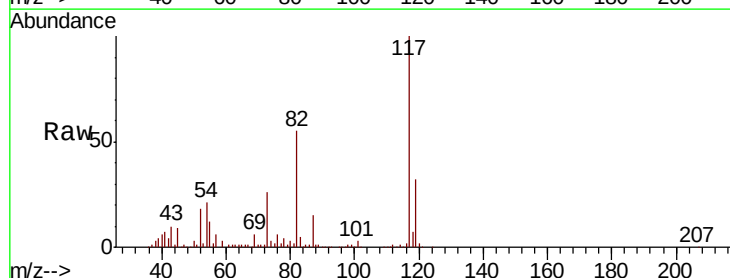
Tgt Ion: 117 Resp: 598279

Ion Ratio Lower Upper

117 100

82 54.5 45.2 67.8

119 32.2 25.3 37.9



Abundance Ion 116.90 (116.60 to 117.60): VN061467.D (-2895) (-)

Ion 82.00 (81.70 to 82.70): VN061467.D (-2895) (-)

Ion 118.90 (118.60 to 119.60): VN061467.D (-2895) (-)

11.38

400000

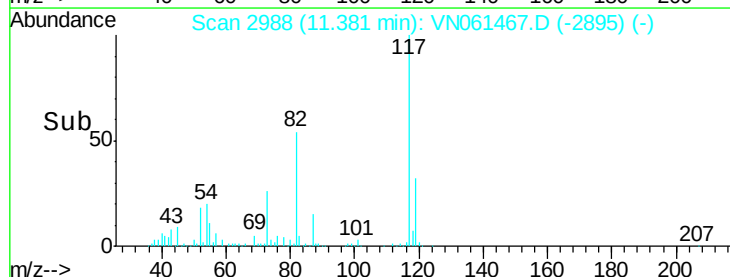
300000

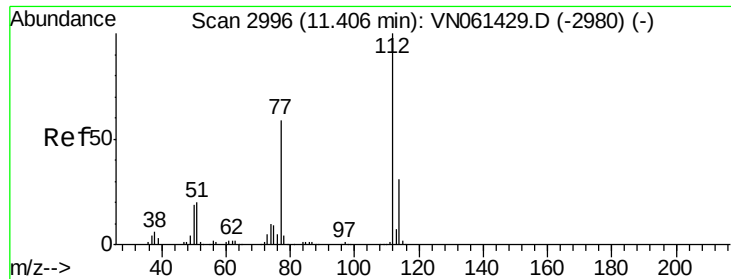
200000

100000

0

Time-->

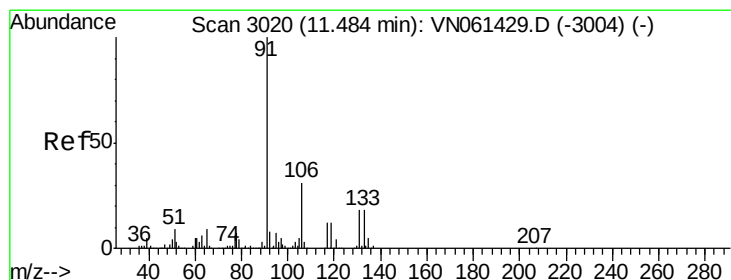
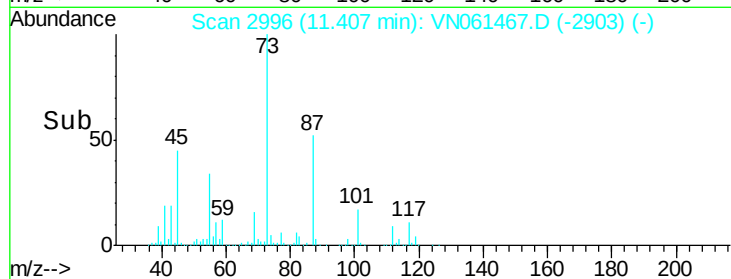
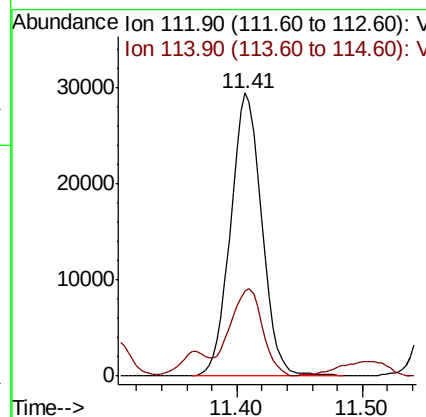
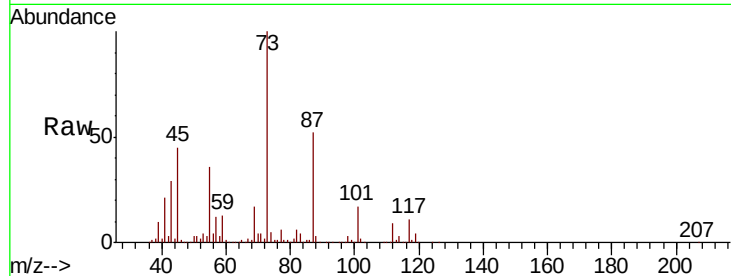




#65
Chlorobenzene
Concen: 4.166 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN061467.D
Acq: 19 May 2020 8:06

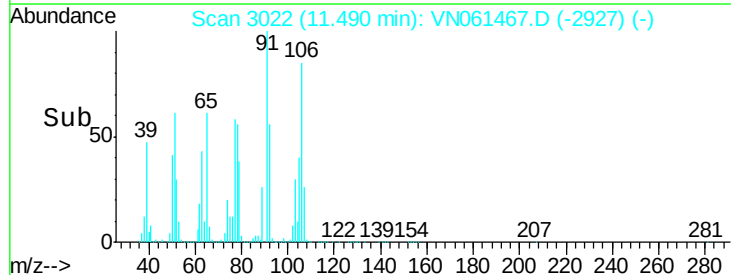
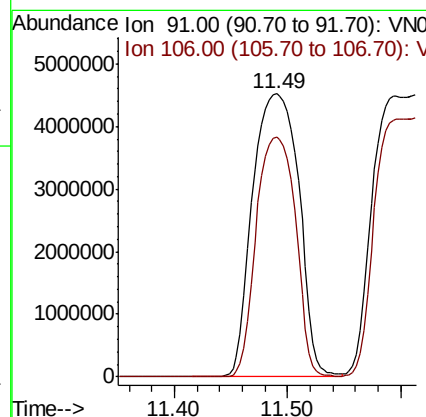
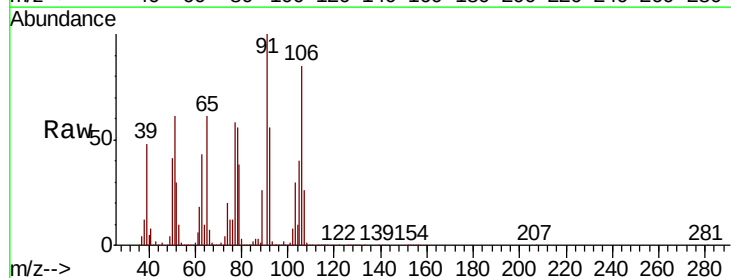
Instrument :
MSVOA_N
ClientSampleId :

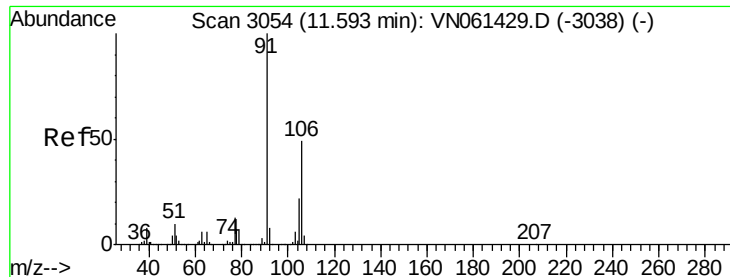
Tot Ion:112 Resp: 50825
Ion Ratio Lower Upper
112 100
114 26.6 25.0 37.6



#67
Ethyl Benzene
Concen: 577.065 ug/l
RT: 11.49 min Scan# 3022
Delta R.T. 0.01 min
Lab File: VN061467.D
Acq: 19 May 2020 8:06

Tgt Ion: 91 Resp:12851415
Ion Ratio Lower Upper
91 100
106 84.7 24.6 36.8#

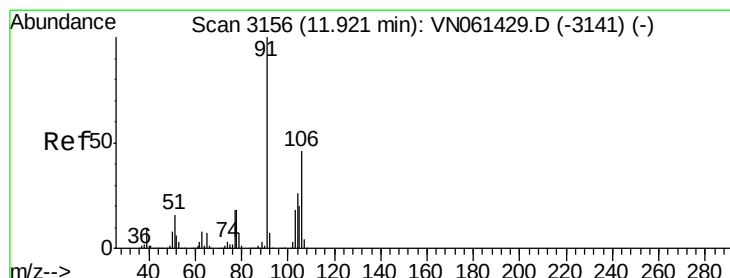
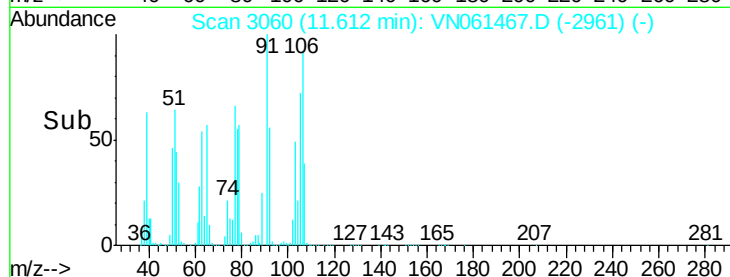
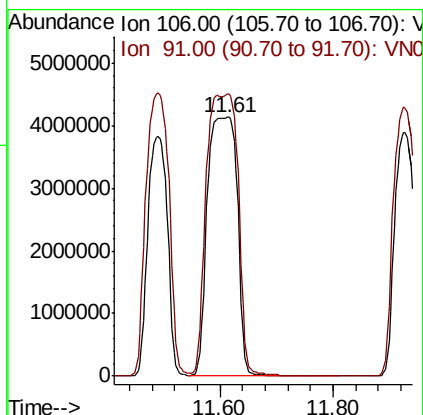
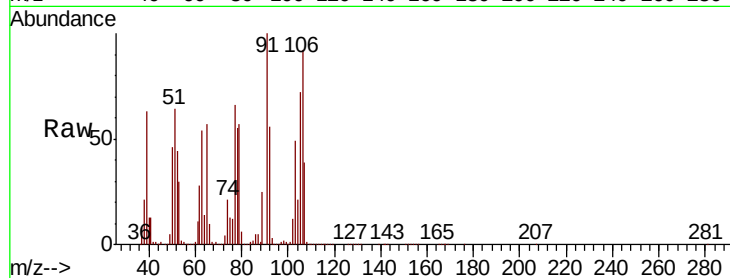




#68
m/p-Xylenes
Concen: 1776.361 ug/l
RT: 11.61 min Scan# 3060
Delta R.T. 0.02 min
Lab File: VN061467.D
Acq: 19 May 2020 8:06

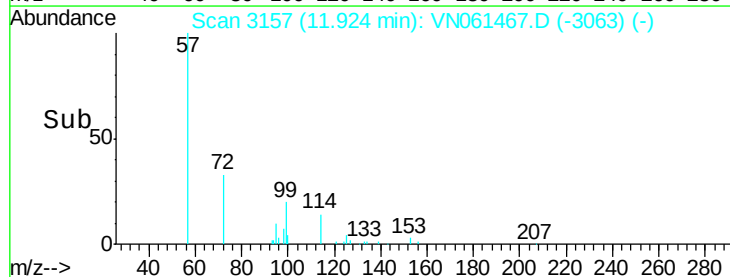
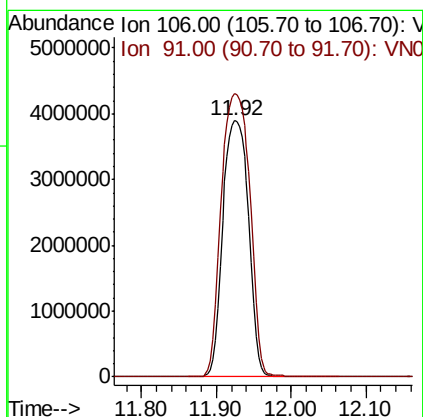
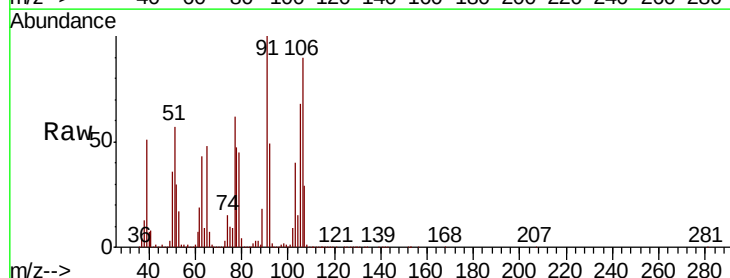
Instrument :
MSVOA_N
ClientSampled :

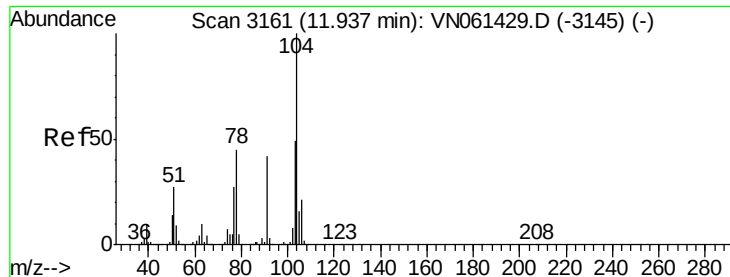
Tot Ion:106 Resp:15015920
Ion Ratio Lower Upper
106 100
91 57.4 163.0 244.6#



#69
o-Xylene
Concen: 1132.516 ug/l
RT: 11.92 min Scan# 3157
Delta R.T. 0.00 min
Lab File: VN061467.D
Acq: 19 May 2020 8:06

Tgt Ion:106 Resp: 9264301
Ion Ratio Lower Upper
106 100
91 123.9 107.9 323.7





#70

Stvrene

Concen: 82.469 ug/l

RT: 11.92 min Scan# 3157

Delta R.T. -0.01 min

Lab File: VN061467.D

Acq: 19 May 2020 8:06

Instrument :

MSVOA_N

ClientSampled :

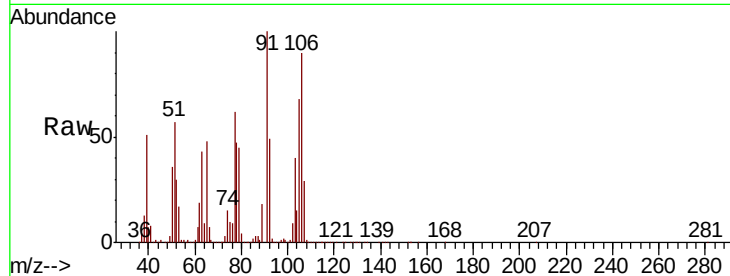
Tot Ion:104 Resp: 1117151

Ion Ratio Lower Upper

104 100

78 302.8 40.7 61.1#

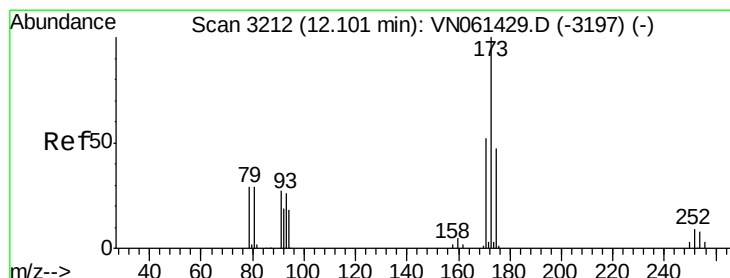
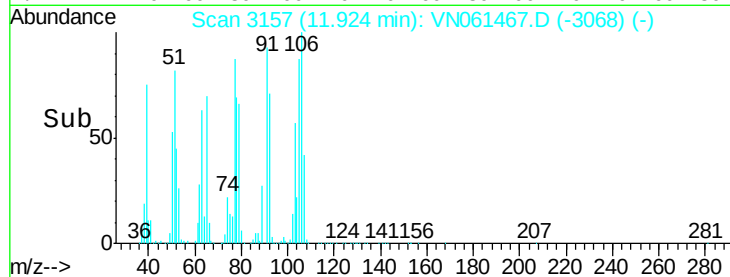
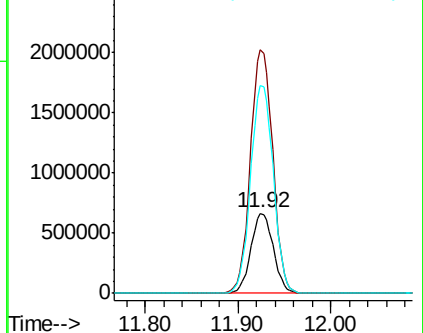
103 263.4 43.0 64.4#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VN

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 2.300 ug/l

RT: 12.11 min Scan# 3214

Delta R.T. 0.01 min

Lab File: VN061467.D

Acq: 19 May 2020 8:06

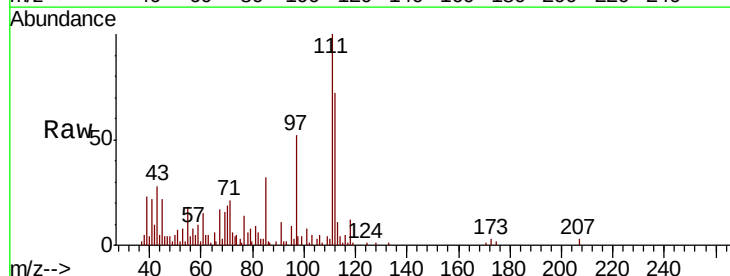
Tgt Ion:173 Resp: 990

Ion Ratio Lower Upper

173 100

175 56.1 23.9 71.8

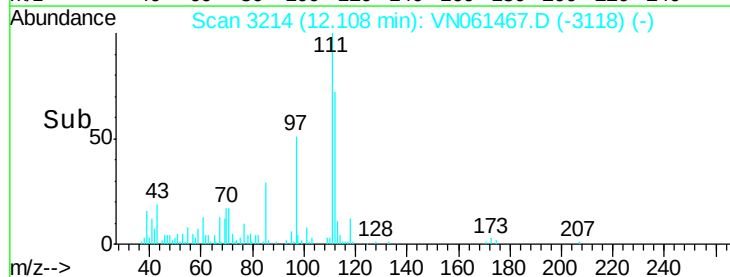
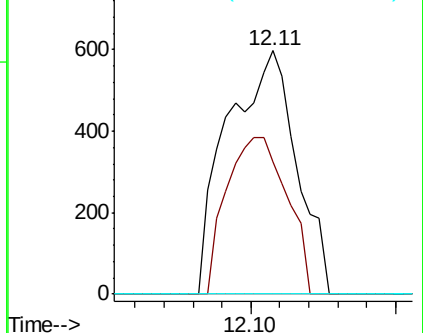
254 0.0 0.0 0.0

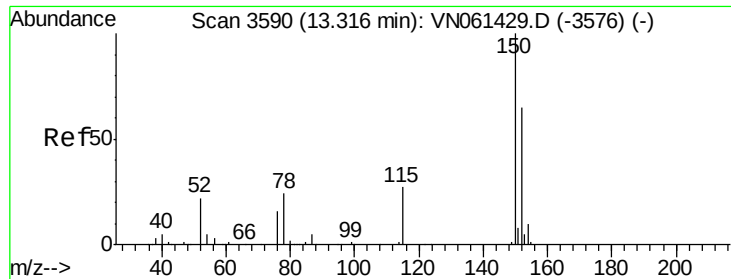


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3591

Delta R.T. 0.00 min

Lab File: VN061467.D

Acq: 19 May 2020 8:06

Instrument :

MSVOA_N

ClientSampleId :

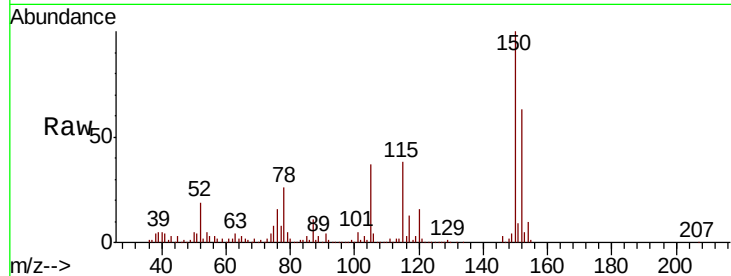
Tot Ion:152 Resp: 340668

Ion Ratio Lower Upper

152 100

115 46.3 30.9 92.5

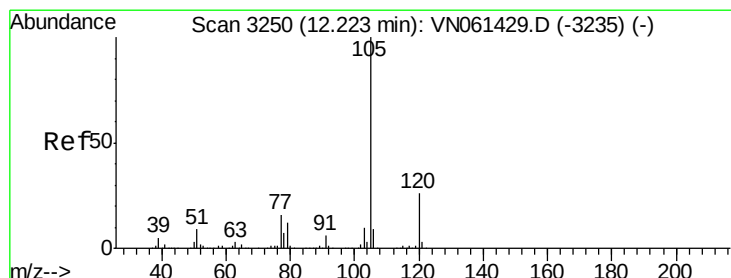
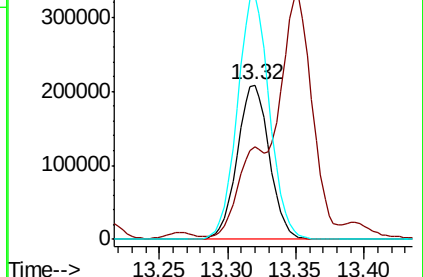
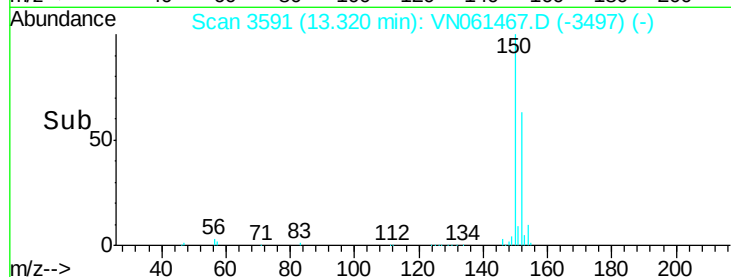
150 158.0 0.0 349.2



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: 101.892 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN061467.D

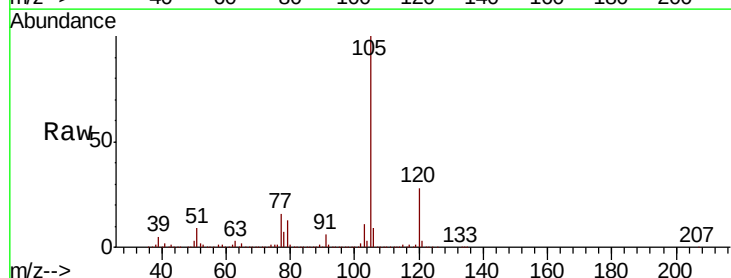
Acq: 19 May 2020 8:06

Tgt Ion:105 Resp: 2786595

Ion Ratio Lower Upper

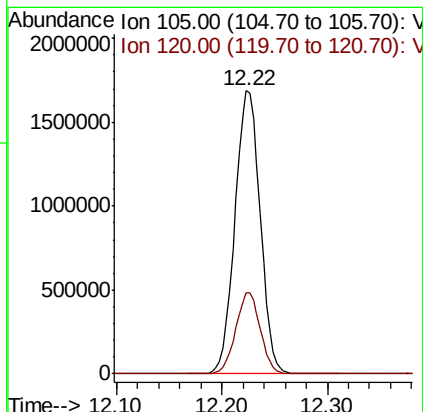
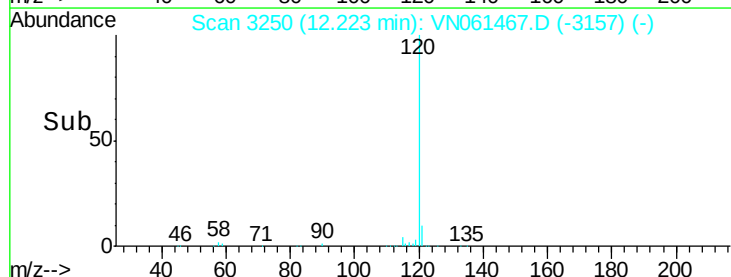
105 100

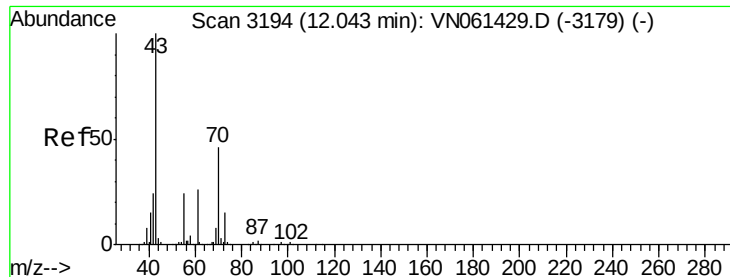
120 27.8 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

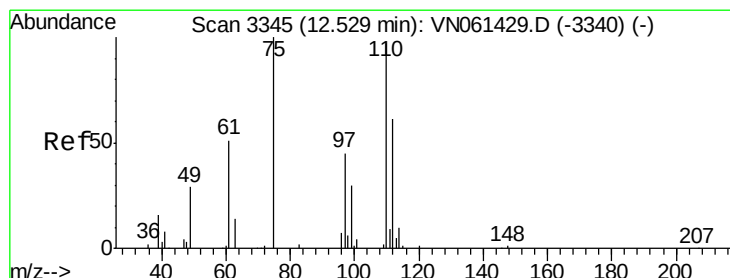
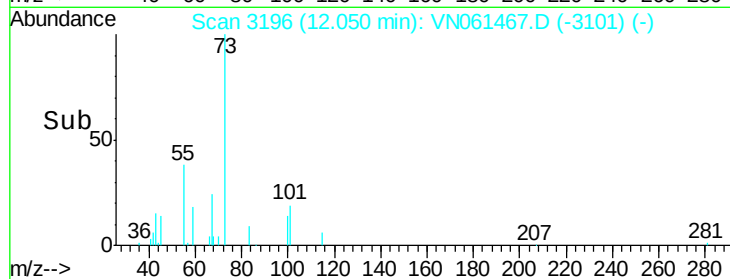
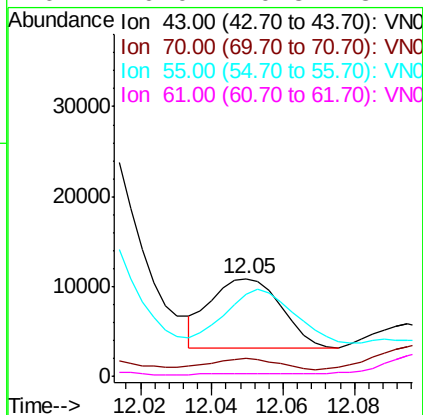
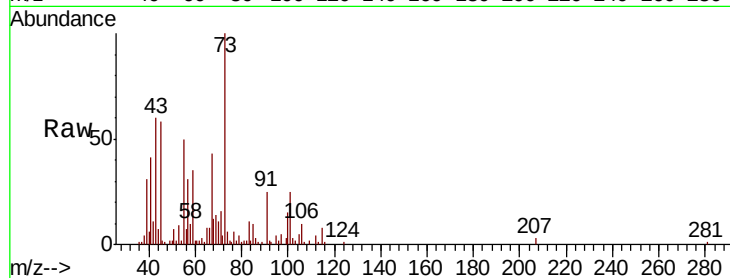




#74
N-amvl acetate
Concen: 1.049 ug/l
RT: 12.05 min Scan# 3196
Delta R.T. 0.01 min
Lab File: VN061467.D
Acq: 19 May 2020 8:06

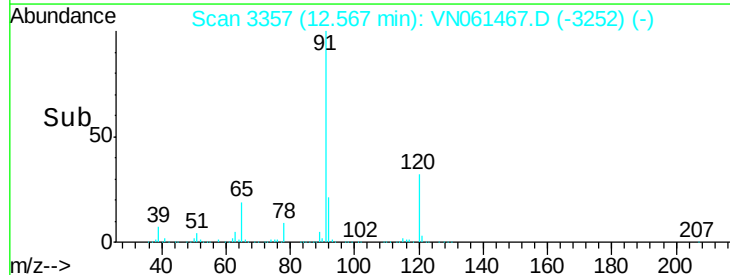
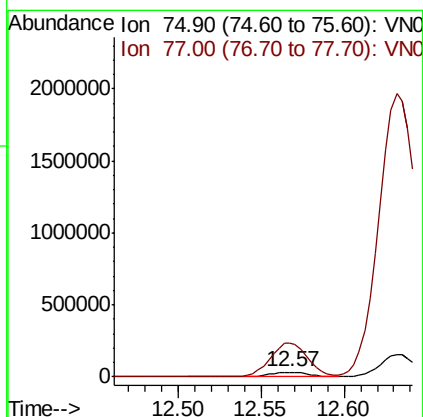
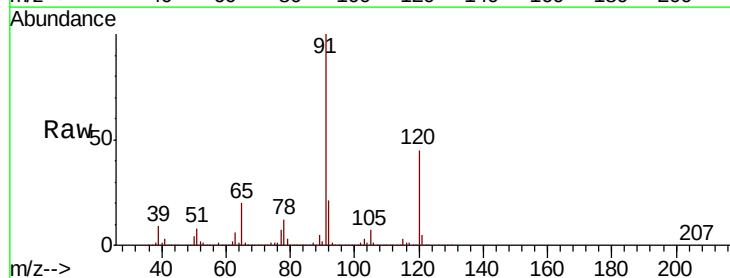
Instrument :
MSVOA_N
ClientSampled :

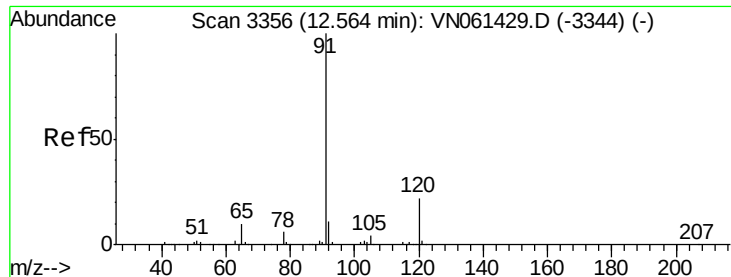
Tot Ion: 43 Resp: 10505
Ion Ratio Lower Upper
43 100
70 14.3 37.0 55.4#
55 81.6 19.5 29.3#
61 0.0 20.8 31.2#



#76
1,2,3-Trichloropropane
Concen: 7.367 ug/l
RT: 12.57 min Scan# 3357
Delta R.T. 0.04 min
Lab File: VN061467.D
Acq: 19 May 2020 8:06

Tgt Ion: 75 Resp: 53853
Ion Ratio Lower Upper
75 100
77 691.0 0.0 0.0#





#78

n-propylbenzene

Concen: 204.698 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN061467.D

Acq: 19 May 2020 8:06

Instrument :

MSVOA_N

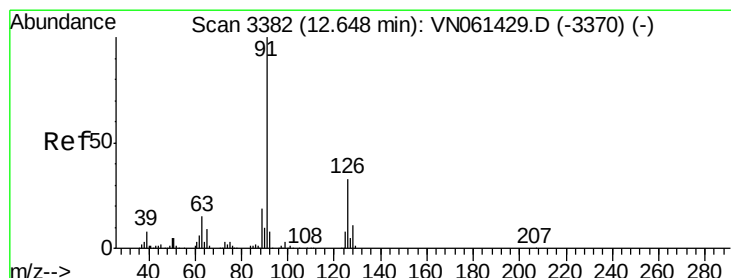
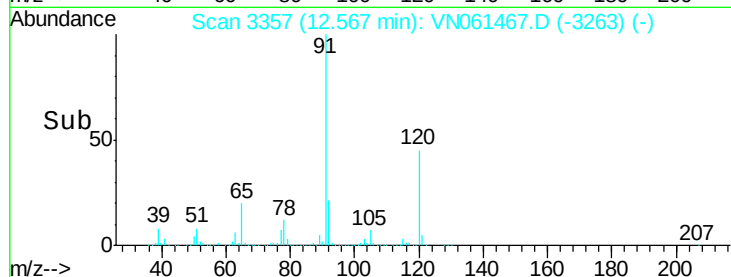
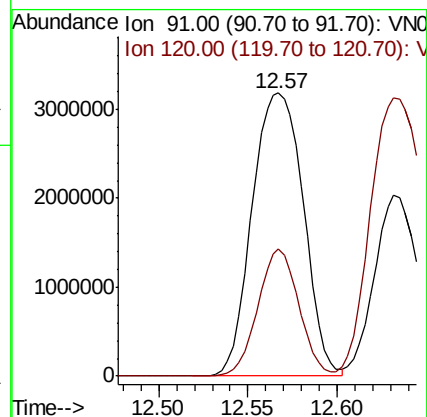
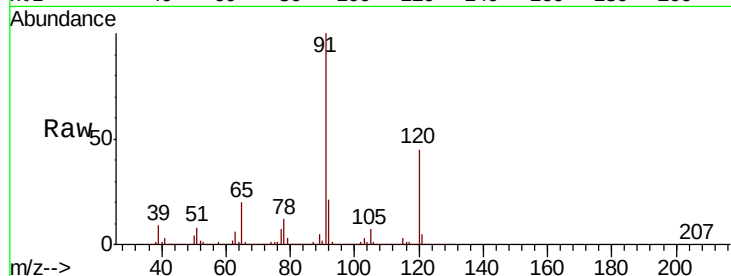
ClientSampleId :

Tot Ion: 91 Resp: 6378590

Ion Ratio Lower Upper

91 100

120 35.9 11.2 33.6#



#79

2-Chlorotoluene

Concen: 181.465 ug/l

RT: 12.63 min Scan# 3377

Delta R.T. -0.02 min

Lab File: VN061467.D

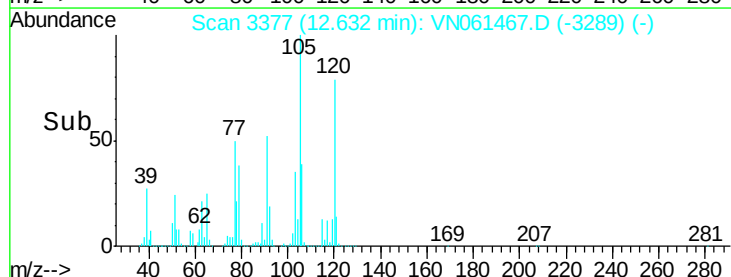
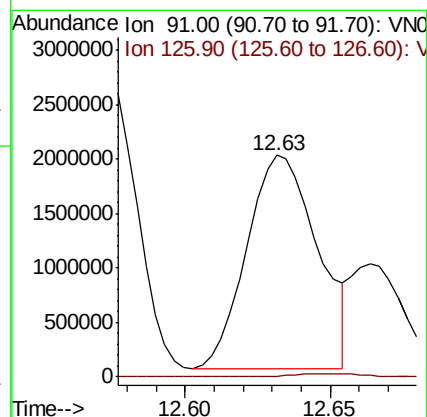
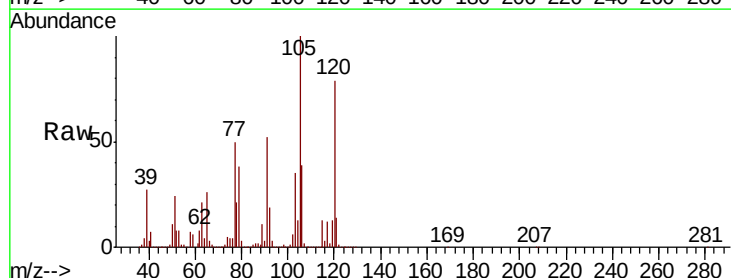
Acq: 19 May 2020 8:06

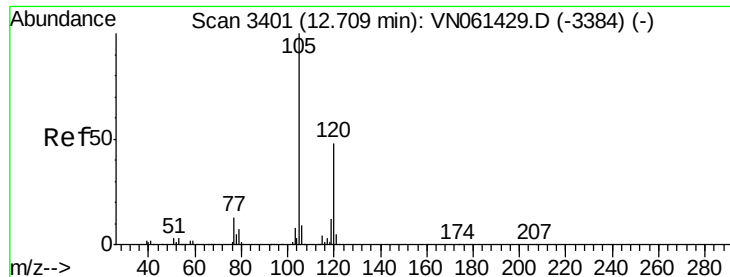
Tgt Ion: 91 Resp: 3342348

Ion Ratio Lower Upper

91 100

126 1.6 16.3 48.9#

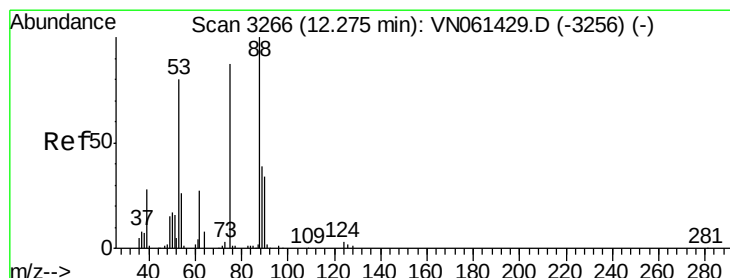
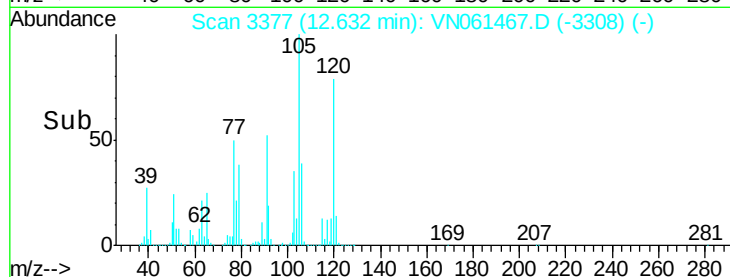
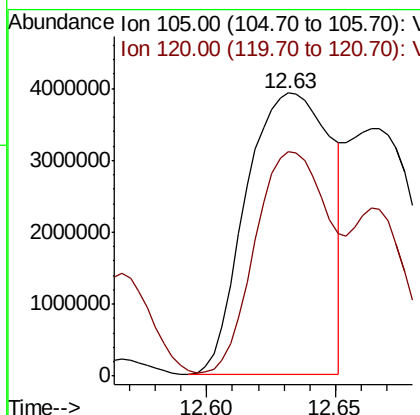
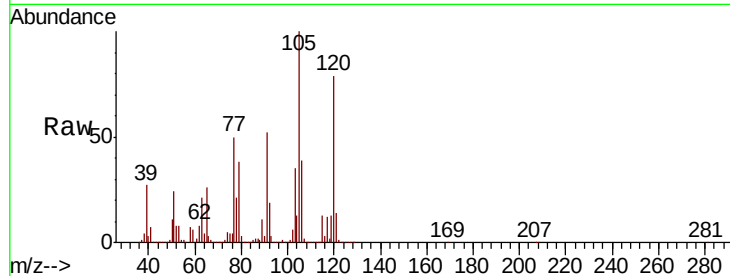




#80
 1,3,5-Trimethylbenzene
 Concen: 397.796 ug/l
 RT: 12.63 min Scan# 3377
 Delta R.T. -0.08 min
 Lab File: VN061467.D
 Acq: 19 May 2020 8:06

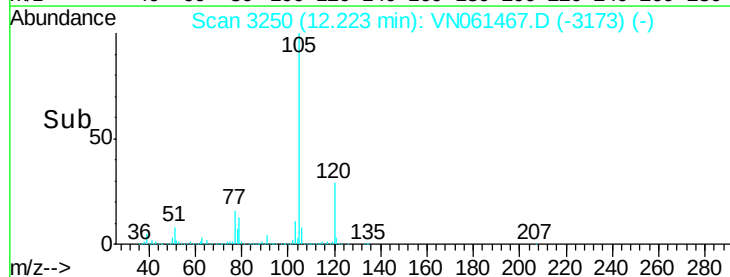
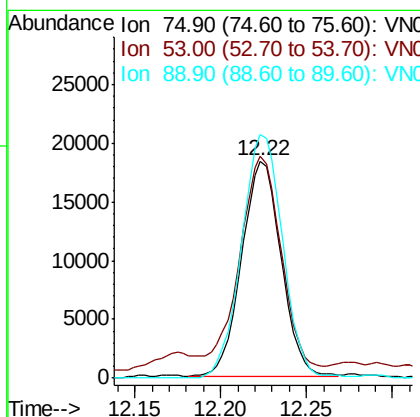
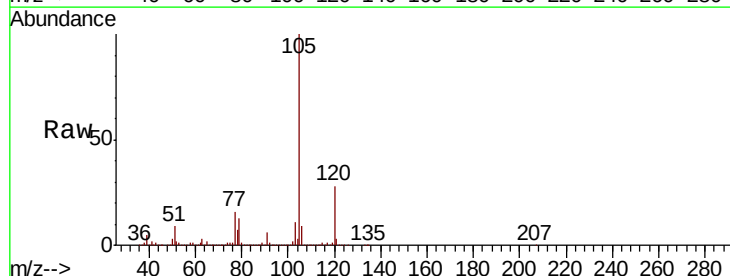
Instrument :
 MSVOA_N
 ClientSampled :

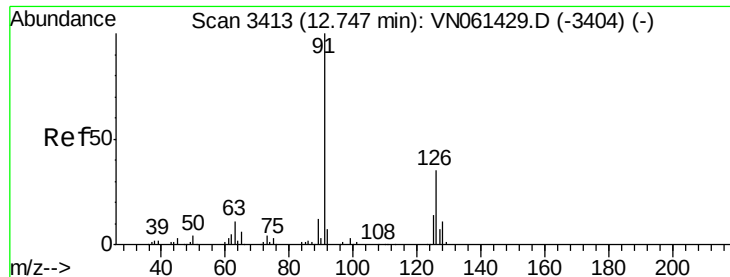
Tot Ion:105 Resp: 8907802
 Ion Ratio Lower Upper
 105 100
 120 71.0 24.1 72.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 10.552 ug/l
 RT: 12.22 min Scan# 3250
 Delta R.T. -0.05 min
 Lab File: VN061467.D
 Acq: 19 May 2020 8:06

Tgt Ion: 75 Resp: 29077
 Ion Ratio Lower Upper
 75 100
 53 101.5 75.2 112.8
 89 118.9 38.2 57.4#

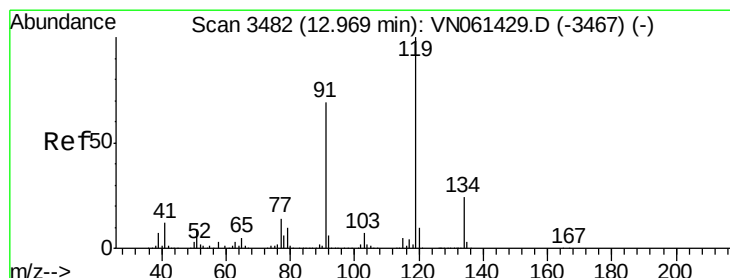
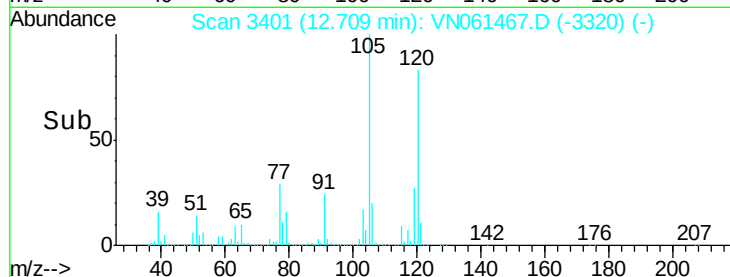
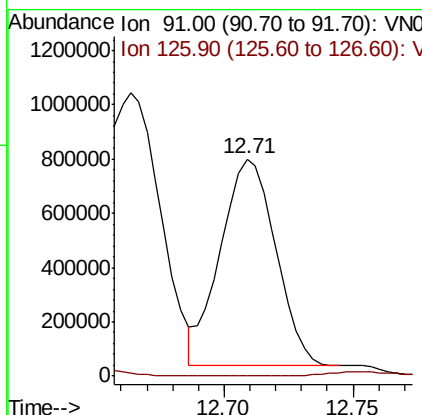
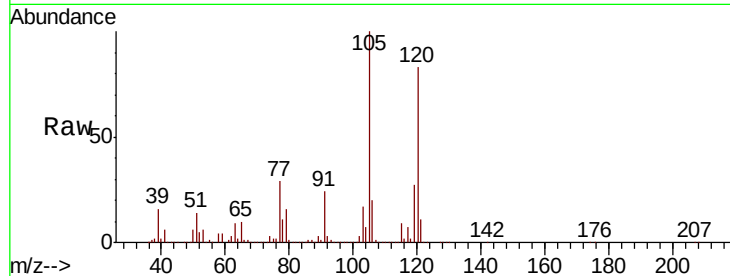




#82
4-Chlorotoluene
Concen: 59.313 ug/l
RT: 12.71 min Scan# 3401
Delta R.T. -0.04 min
Lab File: VN061467.D
Acq: 19 May 2020 8:06

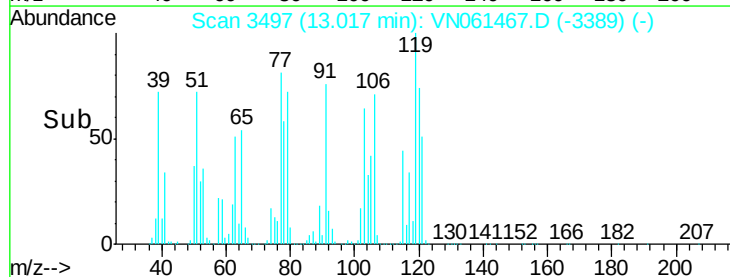
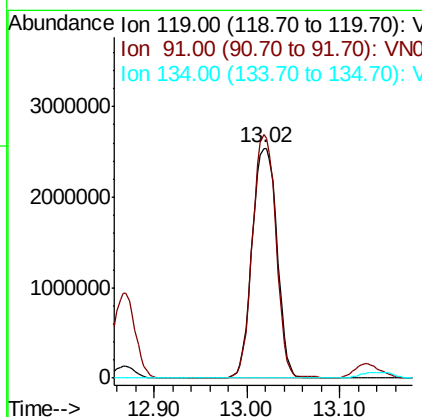
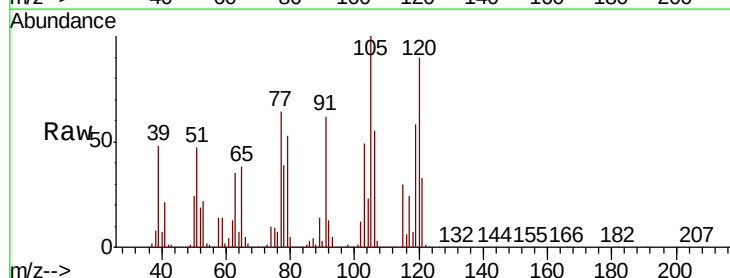
Instrument :
MSVOA_N
ClientSampled :

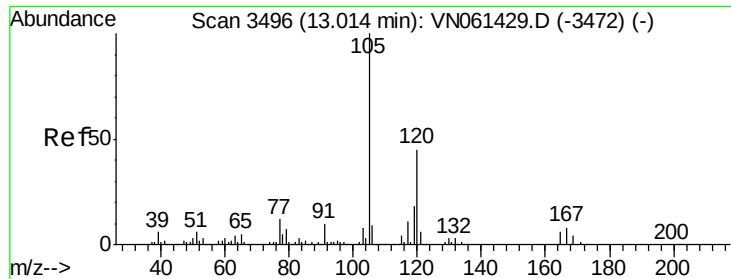
Tot Ion: 91 Resp: 1131196
Ion Ratio Lower Upper
91 100
126 0.0 16.1 48.2#



#83
tert-Butylbenzene
Concen: 246.620 ug/l
RT: 13.02 min Scan# 3497
Delta R.T. 0.05 min
Lab File: VN061467.D
Acq: 19 May 2020 8:06

Tgt Ion: 119 Resp: 4730462
Ion Ratio Lower Upper
119 100
91 99.8 33.7 101.0
134 0.0 12.8 38.3#

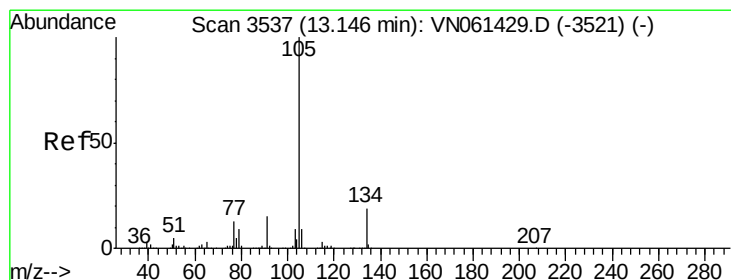
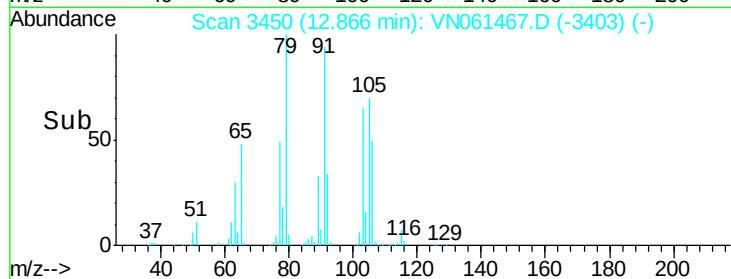
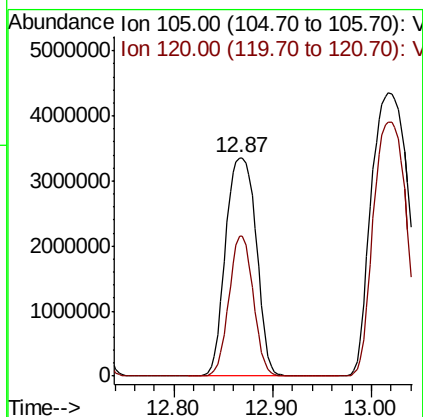
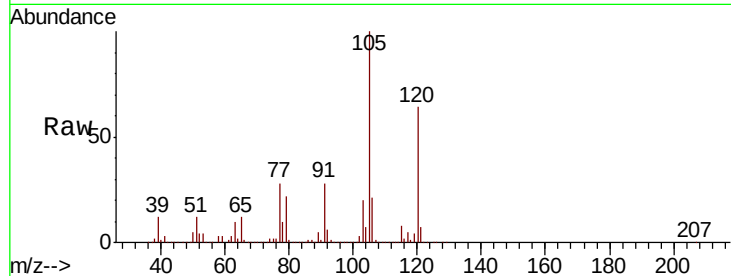




#84
 1,2,4-Trimethylbenzene
 Concen: 325.230 ug/l
 RT: 12.87 min Scan# 3450
 Delta R.T. -0.15 min
 Lab File: VN061467.D
 Acq: 19 May 2020 8:06

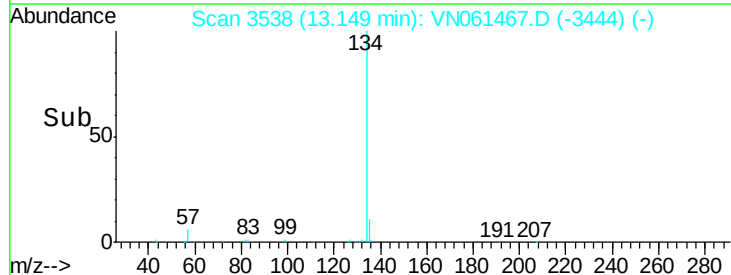
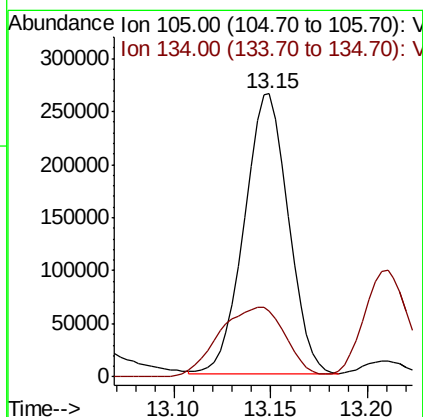
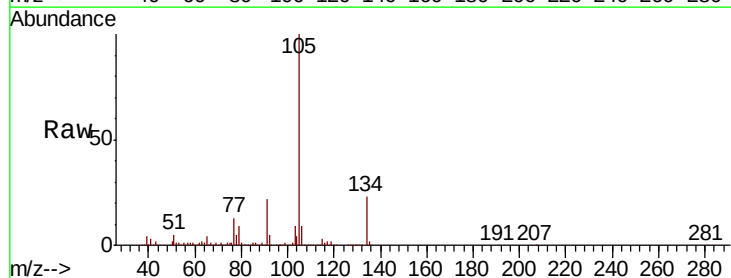
Instrument :
 MSVOA_N
 ClientSampleId :

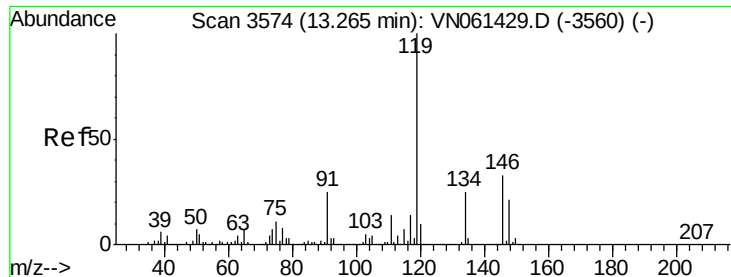
Tot Ion:105 Resp: 7288541
 Ion Ratio Lower Upper
 105 100
 120 51.0 22.4 67.3



#85
 sec-Butylbenzene
 Concen: 16.173 ug/l
 RT: 13.15 min Scan# 3538
 Delta R.T. 0.00 min
 Lab File: VN061467.D
 Acq: 19 May 2020 8:06

Tgt Ion:105 Resp: 419480
 Ion Ratio Lower Upper
 105 100
 134 37.3 9.8 29.5#

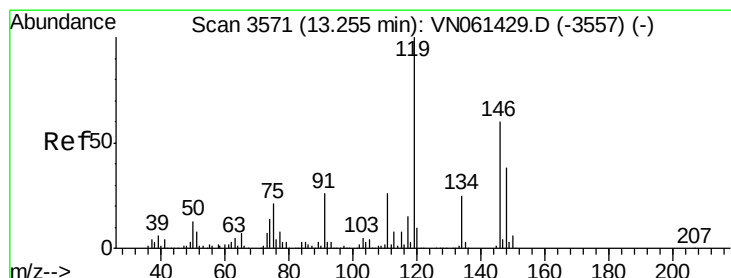
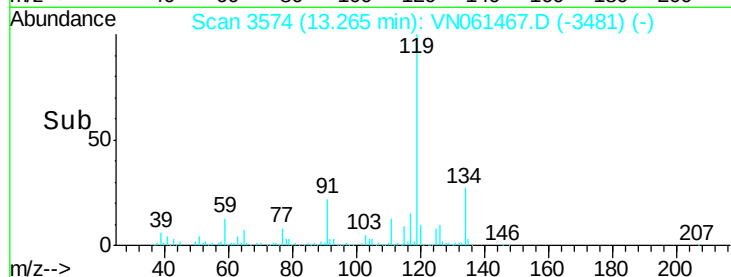
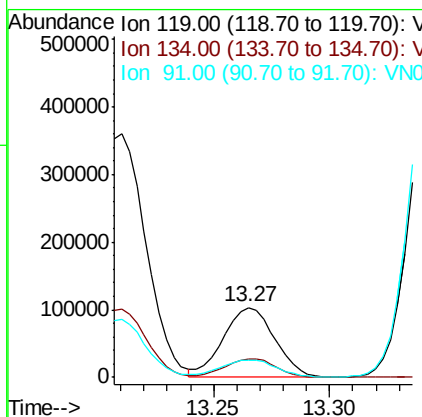
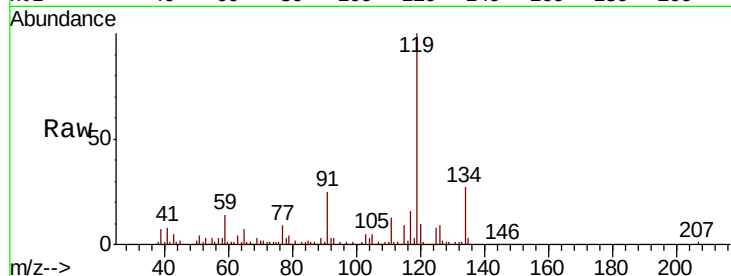




#86
 p-Isopropyltoluene
 Concen: 6.852 ug/l
 RT: 13.27 min Scan# 3574
 Delta R.T. 0.00 min
 Lab File: VN061467.D
 Acq: 19 May 2020 8:06

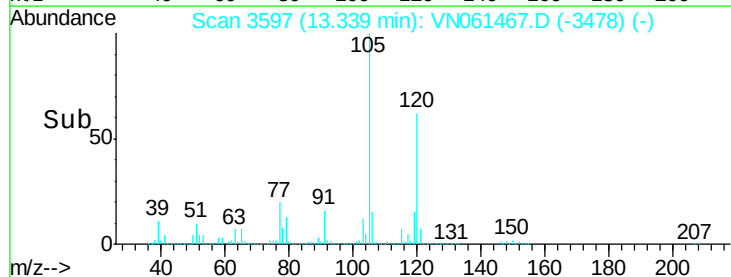
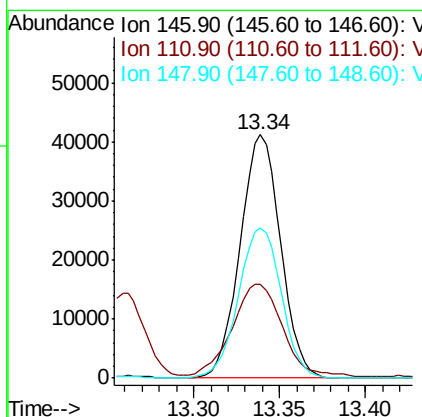
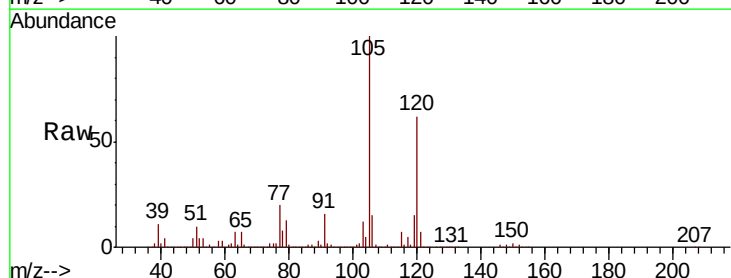
Instrument :
 MSVOA_N
 ClientSampleId :

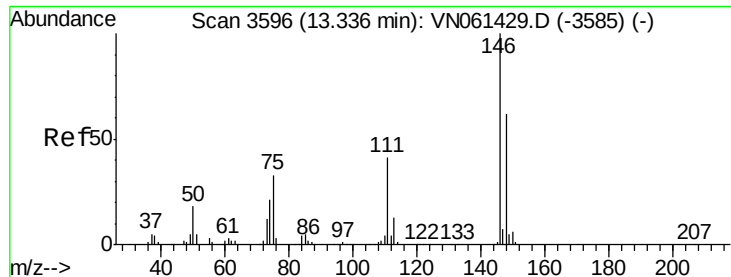
Tot Ion:119 Resp: 157809
 Ion Ratio Lower Upper
 119 100
 134 27.1 12.7 38.1
 91 0.0 12.6 37.6#



#87
 1,3-Dichlorobenzene
 Concen: 6.198 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.08 min
 Lab File: VN061467.D
 Acq: 19 May 2020 8:06

Tgt Ion:146 Resp: 67320
 Ion Ratio Lower Upper
 146 100
 111 47.6 21.5 64.5
 148 65.4 31.8 95.3





#88

1,4-Dichlorobenzene

Concen: 6.188 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN061467.D

Acq: 19 May 2020 8:06

Instrument :

MSVOA_N

ClientSampleId :

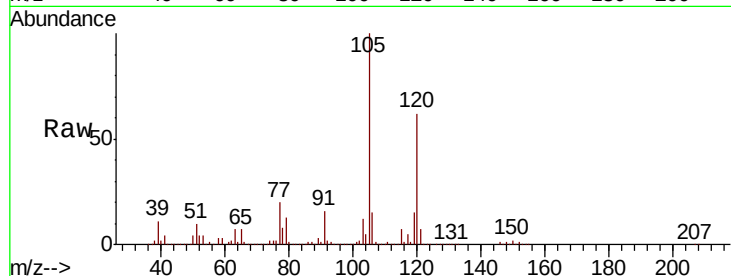
Tot Ion:146 Resp: 67320

Ion Ratio Lower Upper

146 100

111 47.3 20.8 62.5

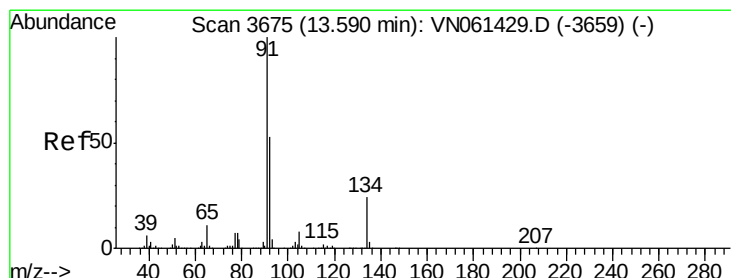
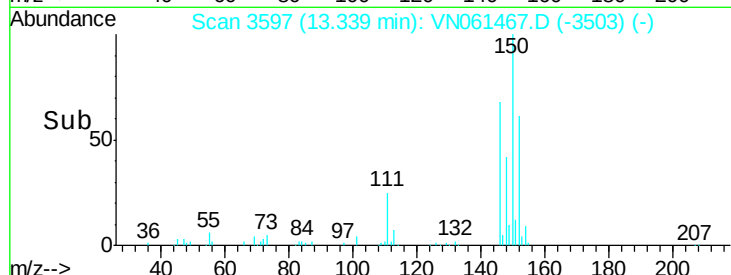
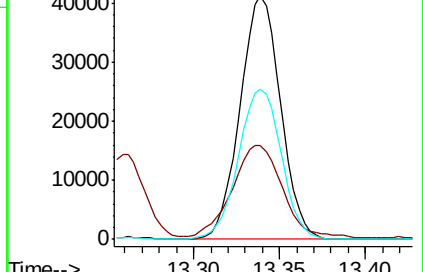
148 65.4 31.6 94.8



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: 7.806 ug/l

RT: 13.56 min Scan# 3666

Delta R.T. -0.03 min

Lab File: VN061467.D

Acq: 19 May 2020 8:06

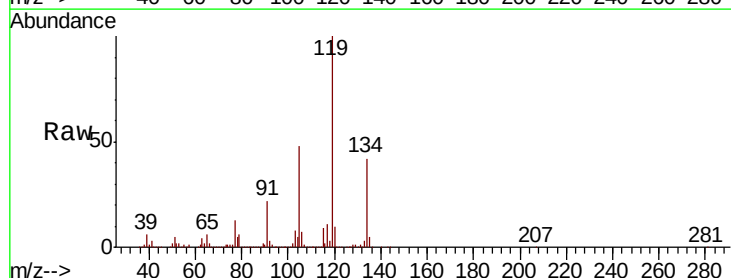
Tgt Ion: 91 Resp: 163323

Ion Ratio Lower Upper

91 100

92 0.0 26.8 80.3#

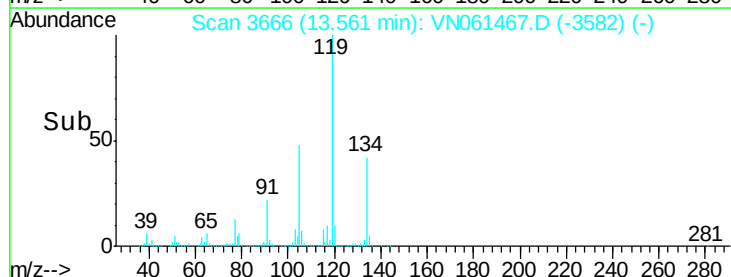
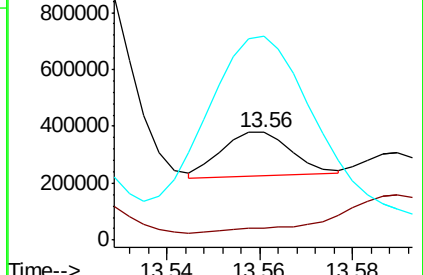
134 822.5 12.4 37.4#

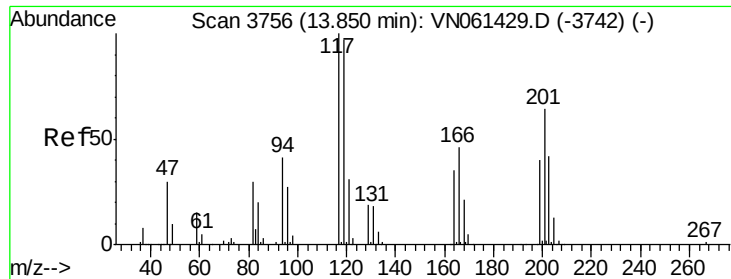


Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 99.957 ug/l

RT: 13.86 min Scan# 3760

Delta R.T. 0.01 min

Lab File: VN061467.D

Acq: 19 May 2020 8:06

Instrument :

MSVOA_N

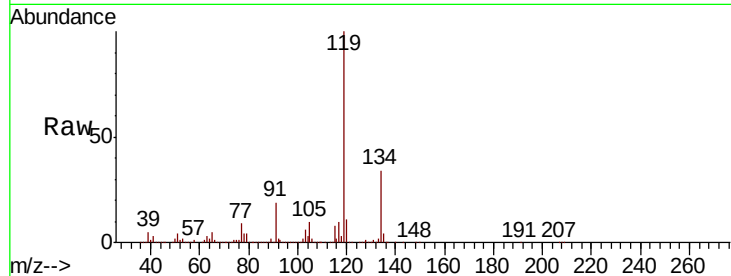
ClientSampleId :

Tot Ion:117 Resp: 312004

Ion Ratio Lower Upper

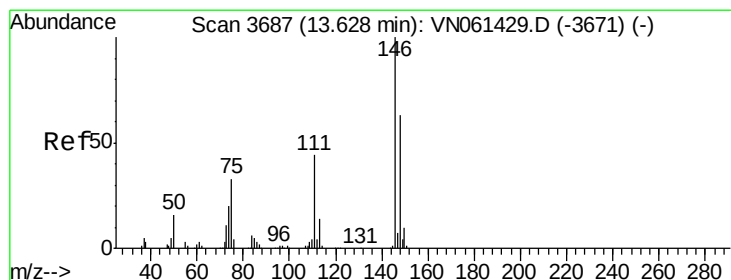
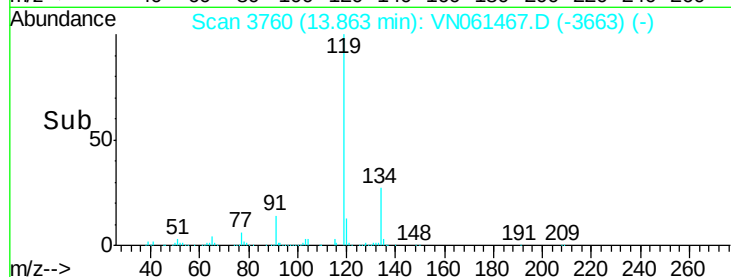
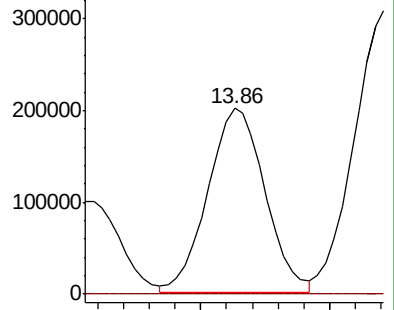
117 100

201 0.0 32.9 98.7#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 3.044 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. 0.00 min

Lab File: VN061467.D

Acq: 19 May 2020 8:06

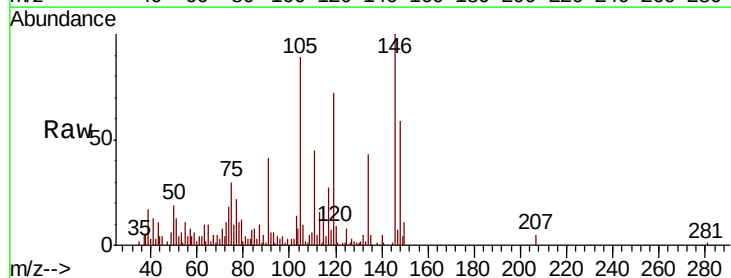
Tgt Ion:146 Resp: 31720

Ion Ratio Lower Upper

146 100

111 53.4 21.9 65.7

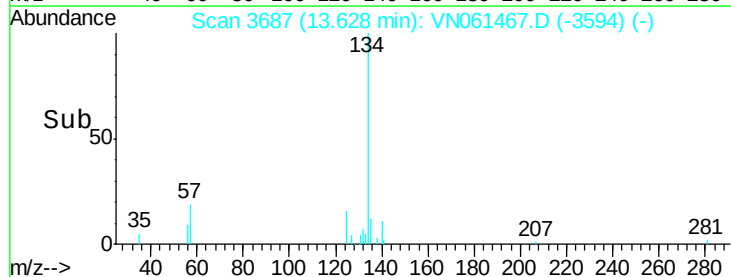
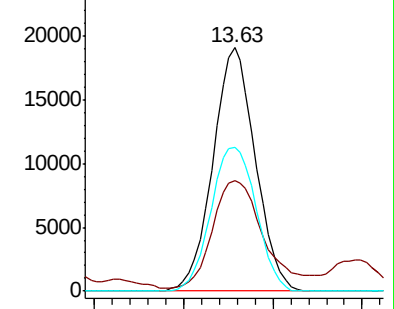
148 62.9 31.6 94.7

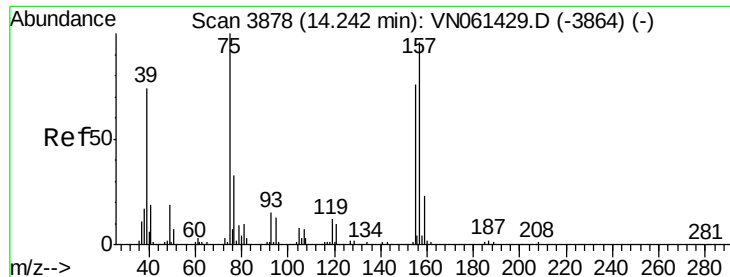


Abundance Ion 145.90 (145.60 to 146.60): V

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: 9.664 ug/l

RT: 14.22 min Scan# 3872

Delta R.T. -0.02 min

Lab File: VN061467.D

Acq: 19 May 2020 8:06

Instrument :

MSVOA_N

ClientSampled :

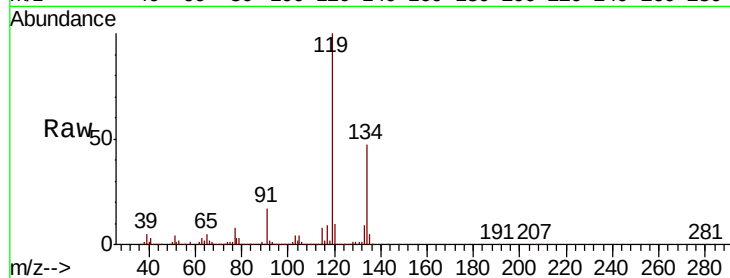
Tot Ion: 75 Resp: 14688

Ion Ratio Lower Upper

75 100

155 0.0 38.9 116.7#

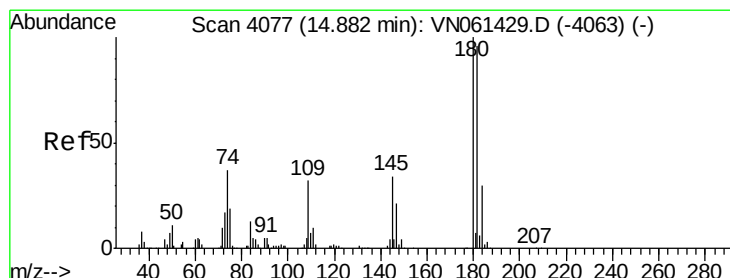
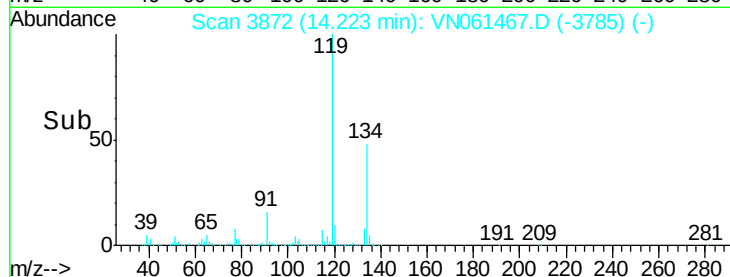
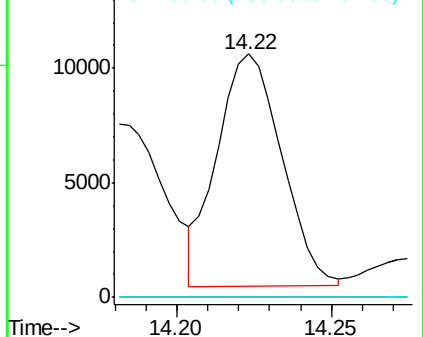
157 0.0 48.6 145.8#



Abundance Ion 74.90 (74.60 to 75.60): VN061429.D (-3864) (-)

Ion 154.80 (154.50 to 155.50): VN061429.D (-3864) (-)

Ion 156.80 (156.50 to 157.50): VN061429.D (-3864) (-)



#93

1,2,4-Trichlorobenzene

Concen: 0.401 ug/l

RT: 14.89 min Scan# 4078

Delta R.T. 0.00 min

Lab File: VN061467.D

Acq: 19 May 2020 8:06

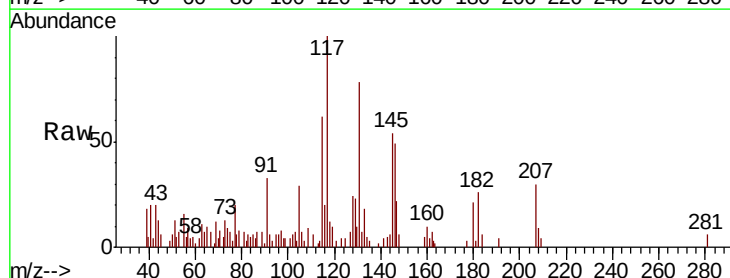
Tgt Ion: 180 Resp: 2264

Ion Ratio Lower Upper

180 100

182 107.2 47.0 141.0

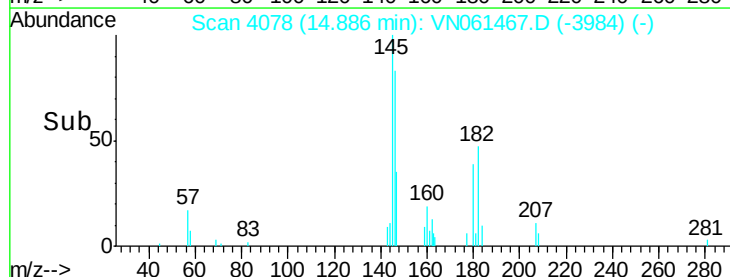
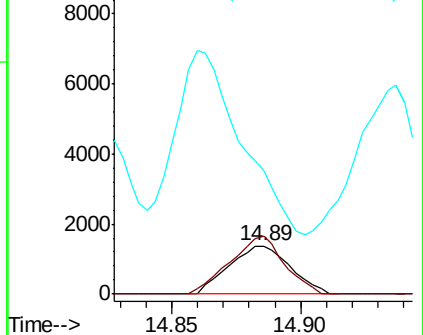
145 0.0 16.7 50.0#

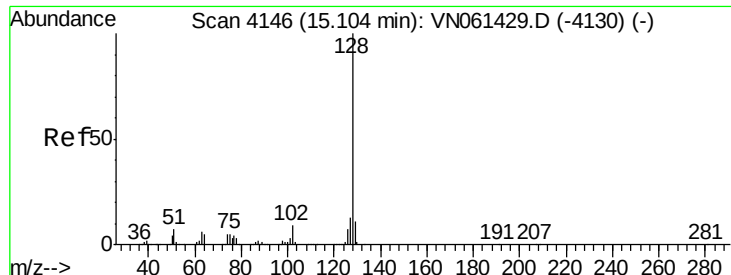


Abundance Ion 179.80 (179.50 to 180.50): VN061429.D (-4063) (-)

Ion 181.80 (181.50 to 182.50): VN061429.D (-4063) (-)

Ion 144.80 (144.50 to 145.50): VN061429.D (-4063) (-)





#95
Naphthalene
Concen: 393.744 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN061467.D
Acq: 19 May 2020 8:06

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:128 Resp: 7072089
Ion Ratio Lower Upper
128 100
127 19.1 10.1 15.1#
129 16.7 8.6 13.0#

