

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051620\
 Data File : VN061424.D
 Acq On : 15 May 2020 22:56
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN051620

Quant Time: May 16 03:18:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051620W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 16 03:04:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	184477	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	341272	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	321215	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	151530	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	154711	54.20	ug/l	0.00
Spiked Amount			Recovery	=	108.40%	
35) Dibromofluoromethane	7.55	113	97362	57.08	ug/l	0.00
Spiked Amount			Recovery	=	114.16%	
50) Toluene-d8	10.06	98	458789	53.82	ug/l	0.00
Spiked Amount			Recovery	=	107.64%	
62) 4-Bromofluorobenzene	12.38	95	169890	54.08	ug/l	0.00
Spiked Amount			Recovery	=	108.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	91808	62.403	ug/l	99
3) Chloromethane	2.03	50	139178	46.717	ug/l	98
4) Vinyl Chloride	2.16	62	214898	46.702	ug/l	100
5) Bromomethane	2.54	94	116831	46.318	ug/l	98
6) Chloroethane	2.67	64	140885	49.306	ug/l	99
7) Trichlorofluoromethane	2.98	101	300043	65.846	ug/l	98
8) Diethyl Ether	3.37	74	65619	53.605	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	94810	55.156	ug/l	99
10) Methyl Iodide	3.91	142	122883	56.640	ug/l	99
11) Tert butyl alcohol	4.73	59	61121	339.761	ug/l	99
12) 1,1-Dichloroethene	3.69	96	100769	53.958	ug/l	99
13) Acrolein	3.56	56	62631	285.382	ug/l	100
14) Allyl chloride	4.27	41	167696	50.909	ug/l	99
15) Acrylonitrile	4.93	53	251902	280.003	ug/l	100
16) Acetone	3.78	43	170636	287.451	ug/l	98
17) Carbon Disulfide	4.01	76	245647	50.874	ug/l	99
18) Methyl Acetate	4.27	43	101798	53.033	ug/l	100
19) Methyl tert-butyl Ether	5.00	73	380078	52.011	ug/l	99
20) Methylene Chloride	4.50	84	118899	52.995	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	118381	52.542	ug/l	100
22) Diisopropyl ether	5.90	45	374334	50.491	ug/l	99
23) Vinyl Acetate	5.84	43	1558623	257.823	ug/l	99
24) 1,1-Dichloroethane	5.80	63	215989	51.187	ug/l	98
25) 2-Butanone	6.79	43	304037	263.048	ug/l	100
26) 2,2-Dichloropropane	6.78	77	171237	48.456	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	137349	52.413	ug/l	99
28) Bromochloromethane	7.15	49	96420	51.586	ug/l	97
29) Tetrahydrofuran	7.17	42	213392	269.374	ug/l	98
30) Chloroform	7.33	83	226220	51.272	ug/l	97
31) Cyclohexane	7.61	56	200611	48.106	ug/l	100
32) 1,1,1-Trichloroethane	7.53	97	206059	52.412	ug/l	99
36) 1,1-Dichloropropene	7.75	75	172830	50.762	ug/l	99
37) Ethyl Acetate	6.88	43	142705	50.496	ug/l	97
38) Carbon Tetrachloride	7.73	117	159075	54.946	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	207223	50.985	ug/l	99
40) Benzene	8.00	78	509766	50.841	ug/l	98
41) Methacrylonitrile	7.12	41	65828	49.169	ug/l	86
42) 1,2-Dichloroethane	8.09	62	187898	51.990	ug/l	100
43) Isopropyl Acetate	8.13	43	269658	49.026	ug/l	98
44) Trichloroethene	8.80	130	131376	50.810	ug/l	100
45) 1,2-Dichloropropane	9.09	63	128492	50.668	ug/l	96
46) Dibromomethane	9.18	93	88379	52.006	ug/l	98
47) Bromodichloromethane	9.37	83	187144	51.012	ug/l	100
48) Methyl methacrylate	9.17	41	122518	49.202	ug/l	98
49) 1,4-Dioxane	9.17	88	24522	1804.642	ug/l #	91
51) 4-Methyl-2-Pentanone	9.95	43	745424	252.544	ug/l	99
52) Toluene	10.13	92	330054	51.814	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	208671	51.900	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	215007	50.628	ug/l	98
55) 1,1,2-Trichloroethane	10.54	97	124181	52.583	ug/l	98
56) Ethyl methacrylate	10.40	69	201746	51.942	ug/l	98
57) 1,3-Dichloropropane	10.68	76	216494	52.474	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	433016	262.911	ug/l	99
59) 2-Hexanone	10.72	43	532098	265.206	ug/l	100
60) Dibromochloromethane	10.88	129	137007	52.401	ug/l	99
61) 1,2-Dibromoethane	10.98	107	130565	52.617	ug/l	100
64) Tetrachloroethene	10.60	164	127383	50.839	ug/l	99
65) Chlorobenzene	11.41	112	340771	51.354	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	122511	52.177	ug/l	99
67) Ethyl Benzene	11.49	91	638377	51.760	ug/l	100
68) m/p-Xylenes	11.60	106	482879	104.480	ug/l	98
69) o-Xylene	11.92	106	232290	51.825	ug/l	100
70) Styrene	11.94	104	402722	53.330	ug/l	100
71) Bromoform	12.10	173	89505	54.584	ug/l #	99
73) Isopropylbenzene	12.22	105	621340	50.707	ug/l	100
74) N-amyl acetate	12.05	43	246908	50.825	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	171372	49.098	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	154264m	48.702	ug/l	
77) Bromobenzene	12.50	156	135352	50.560	ug/l	99
78) n-propylbenzene	12.57	91	731367	51.096	ug/l	100
79) 2-Chlorotoluene	12.65	91	420210	50.025	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	527171	51.240	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	62897	52.355	ug/l	96
82) 4-Chlorotoluene	12.75	91	453118	51.350	ug/l	99
83) tert-Butylbenzene	12.97	119	436379	50.067	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	526692	51.375	ug/l	99
85) sec-Butylbenzene	13.15	105	604417	51.198	ug/l	100
86) p-Isopropyltoluene	13.26	119	542997	52.984	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	254547	52.357	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	252197	50.532	ug/l	99
89) n-Butylbenzene	13.59	91	494577	53.129	ug/l	100
90) Hexachloroethane	13.85	117	74424	53.256	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	245306	52.863	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	36710	54.552	ug/l	99

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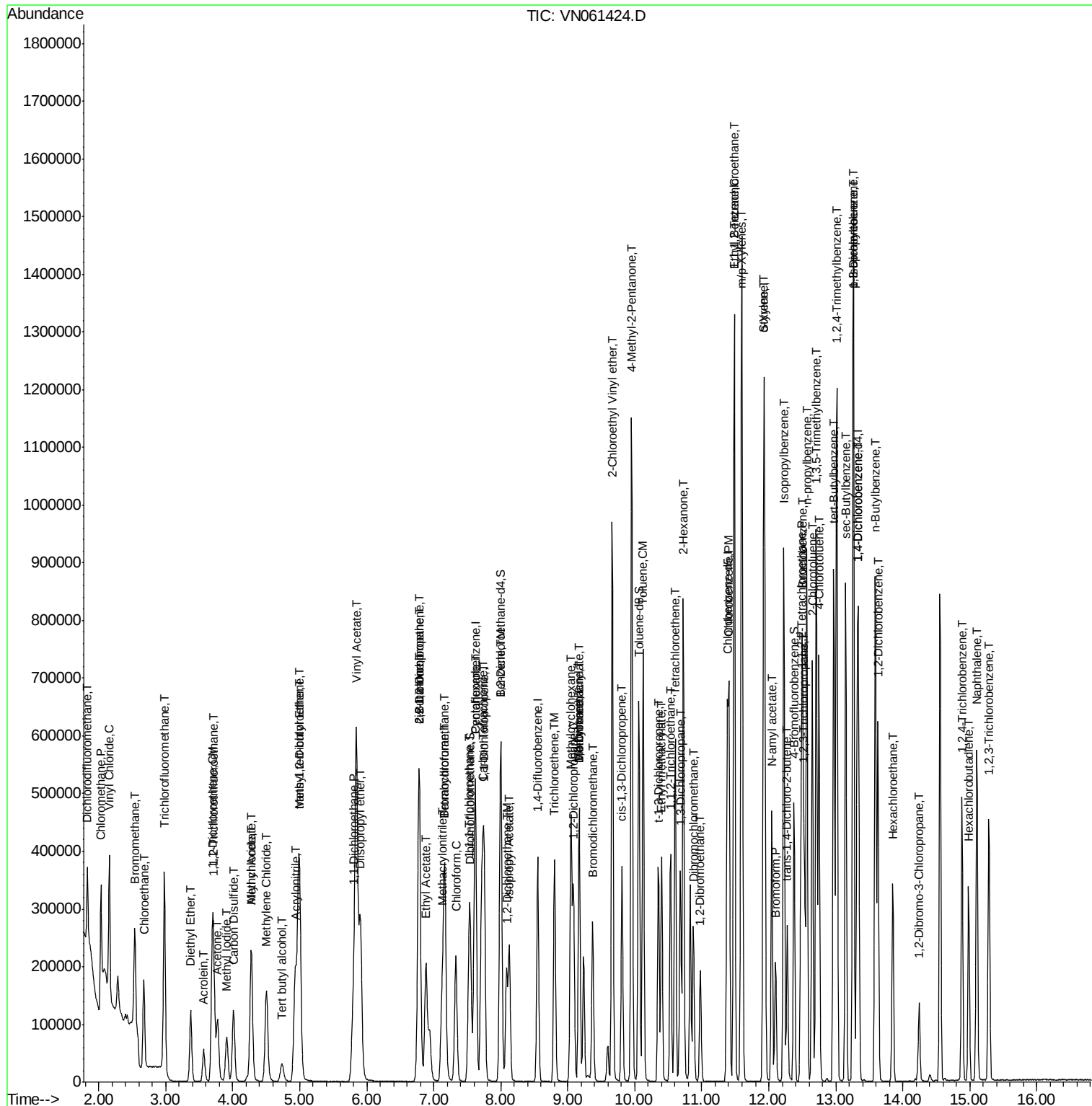
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	141093	55.557	ug/l	100
94) Hexachlorobutadiene	14.99	225	54363	56.450	ug/l	99
95) Naphthalene	15.10	128	471572	57.219	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	137588	54.226	ug/l	99

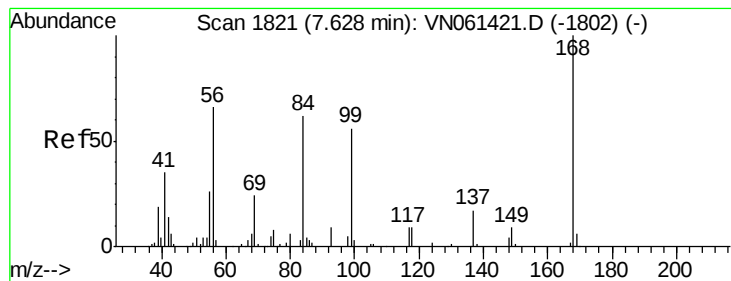
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN051620\
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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: VN061424.D

Acq: 15 May 2020 22:56

Instrument :

MSVOA_N

ClientSampleId :

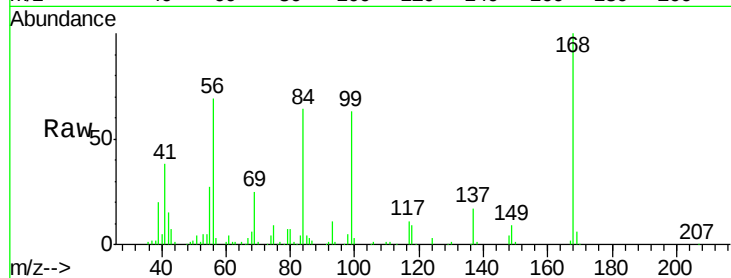
ICVVN051620

Tot Ion:168 Resp: 184477

Ion Ratio Lower Upper

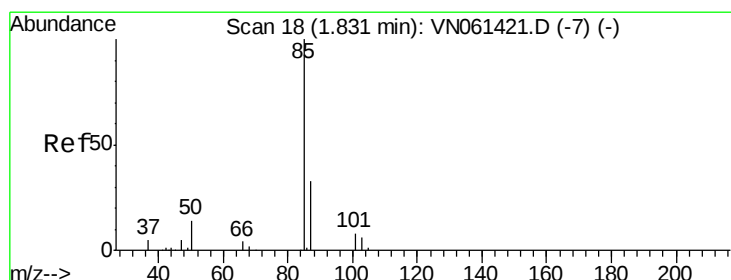
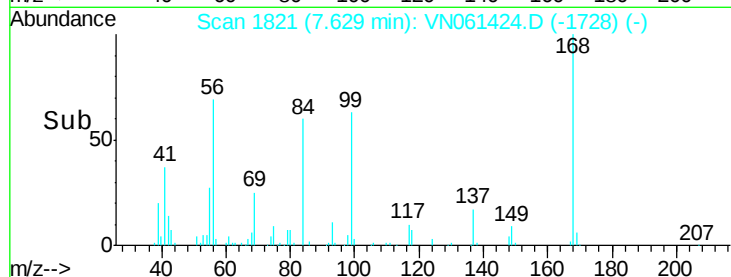
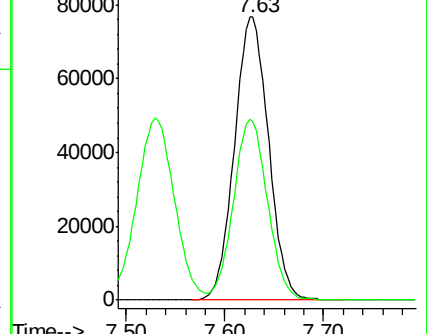
168 100

99 63.0 49.9 74.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 62.403 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061424.D

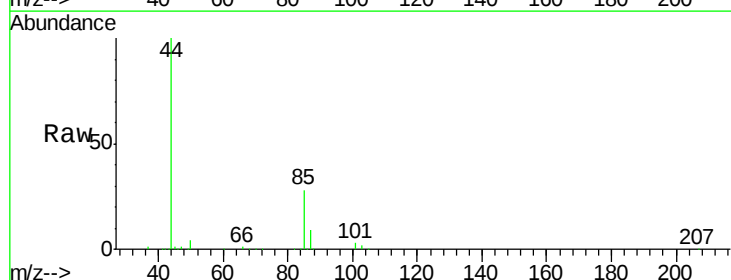
Acq: 15 May 2020 22:56

Tgt Ion: 85 Resp: 91808

Ion Ratio Lower Upper

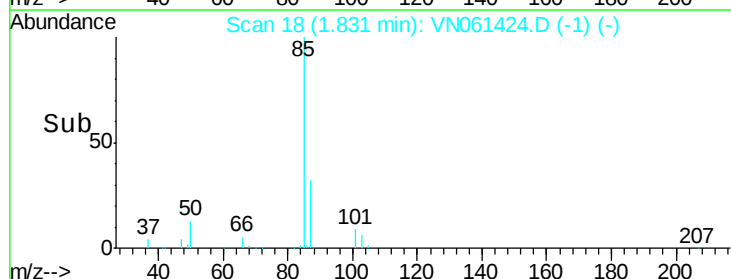
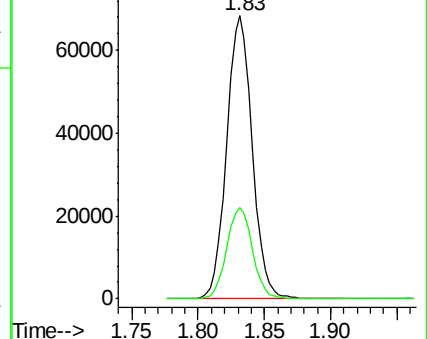
85 100

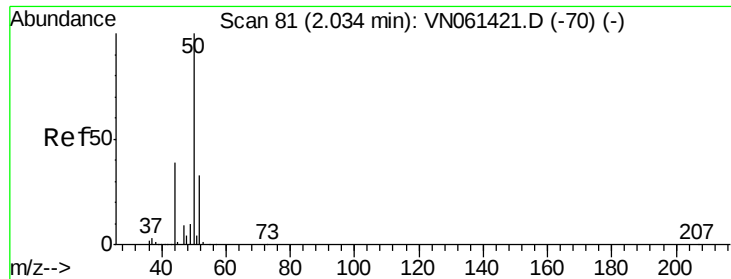
87 32.5 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 46.717 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN061424.D

Acq: 15 May 2020 22:56

Instrument :

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ClientSampleId :

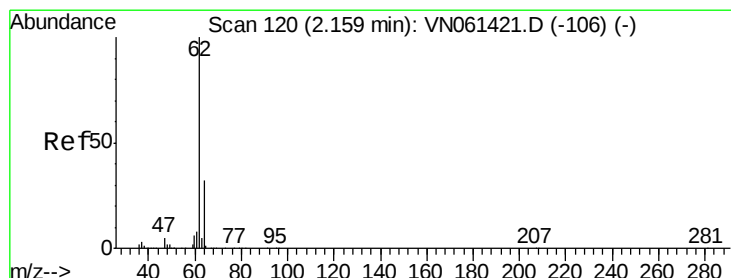
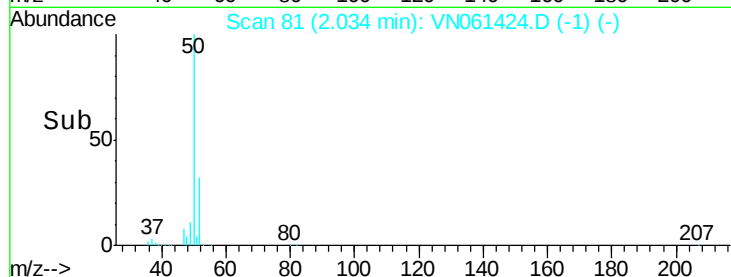
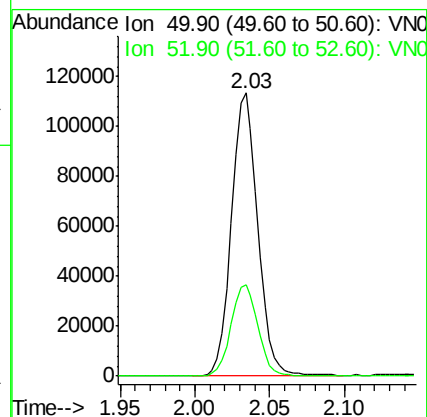
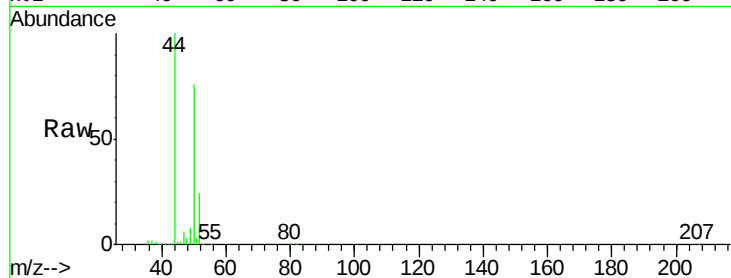
ICVVN051620

Tot Ion: 50 Resp: 139178

Ion Ratio Lower Upper

50 100

52 32.2 26.5 39.7



#4

Vinyl Chloride

Concen: 46.702 ug/l

RT: 2.16 min Scan# 119

Delta R.T. -0.00 min

Lab File: VN061424.D

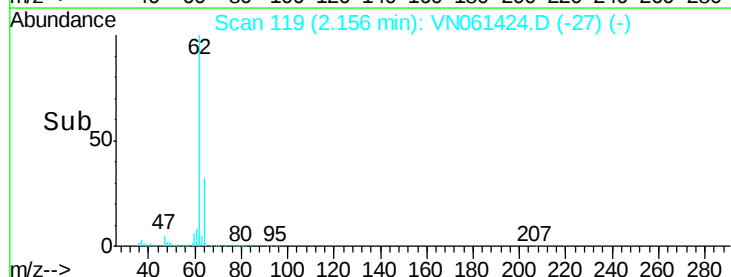
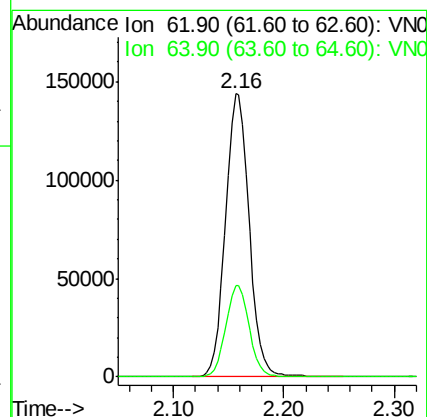
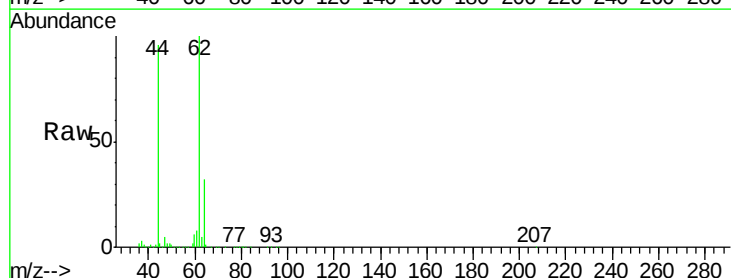
Acq: 15 May 2020 22:56

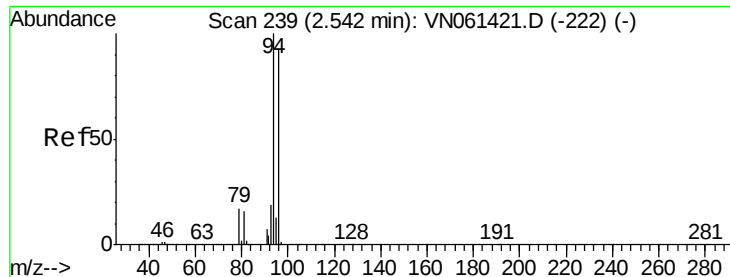
Tgt Ion: 62 Resp: 214898

Ion Ratio Lower Upper

62 100

64 32.1 25.7 38.5





#5

Bromomethane

Concen: 46.318 ug/l

RT: 2.54 min Scan# 238

Delta R.T. -0.00 min

Lab File: VN061424.D

Acq: 15 May 2020 22:56

Instrument :

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ClientSampleId :

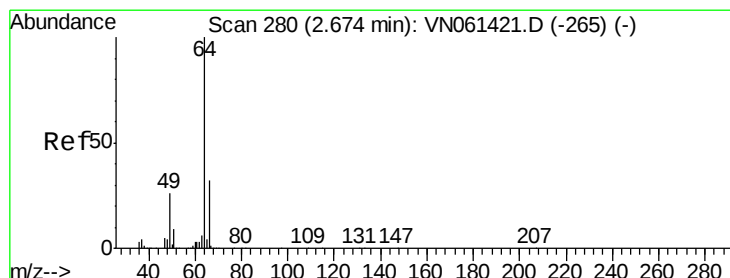
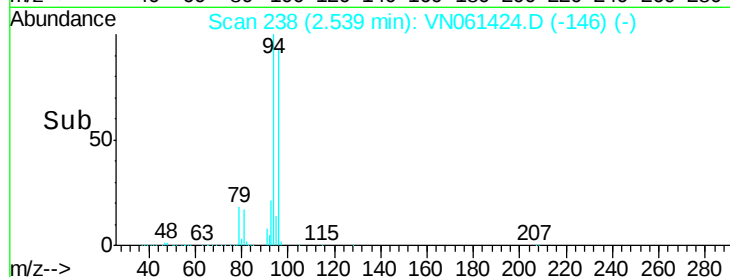
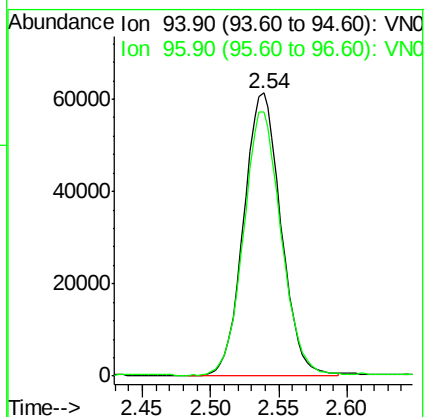
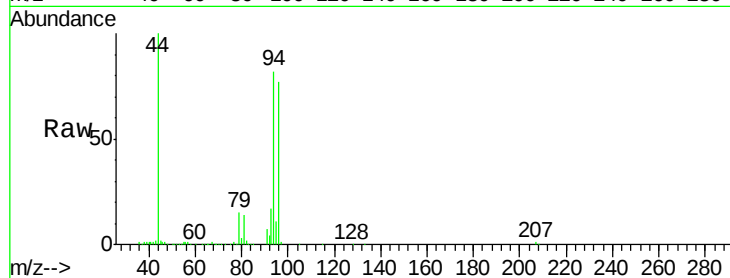
ICVVN051620

Tot Ion: 94 Resp: 116831

Ion Ratio Lower Upper

94 100

96 93.1 73.4 110.0



#6

Chloroethane

Concen: 49.306 ug/l

RT: 2.67 min Scan# 280

Delta R.T. 0.00 min

Lab File: VN061424.D

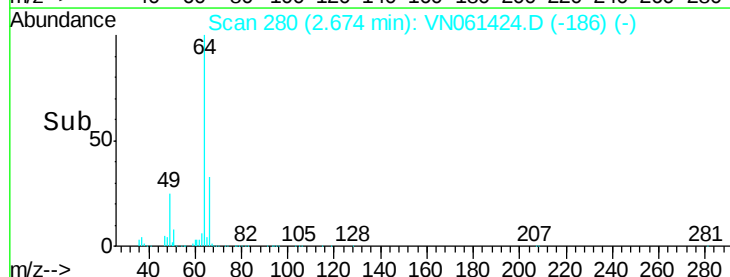
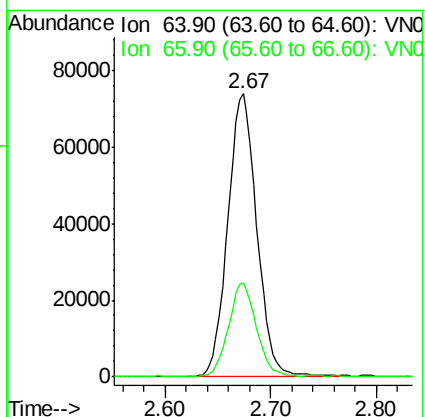
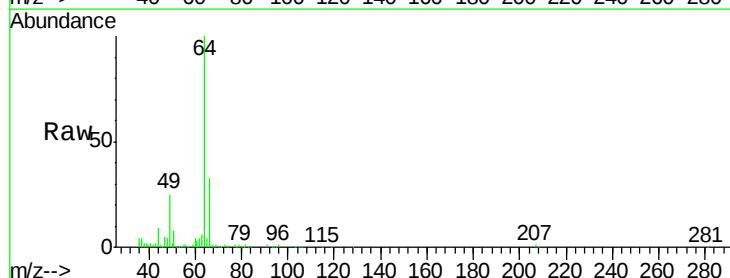
Acq: 15 May 2020 22:56

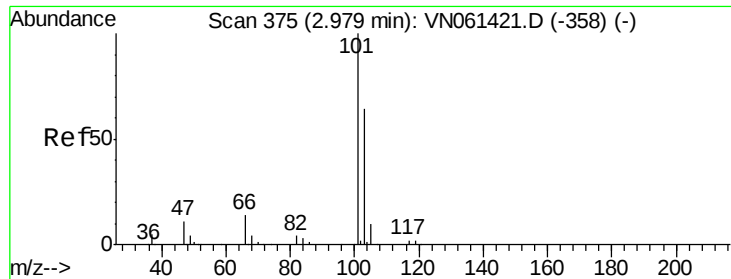
Tgt Ion: 64 Resp: 140885

Ion Ratio Lower Upper

64 100

66 32.8 25.9 38.9



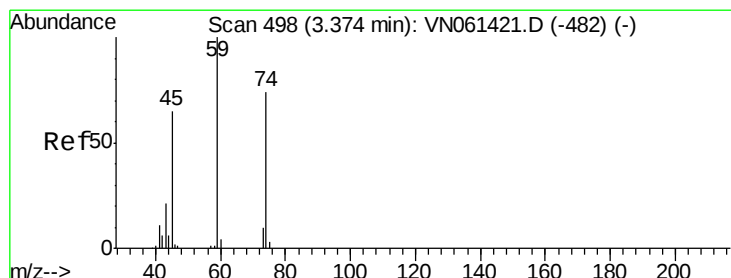
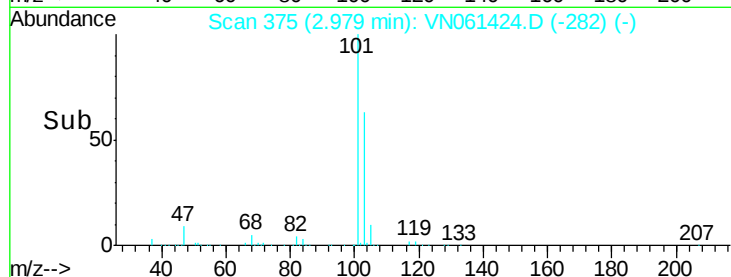
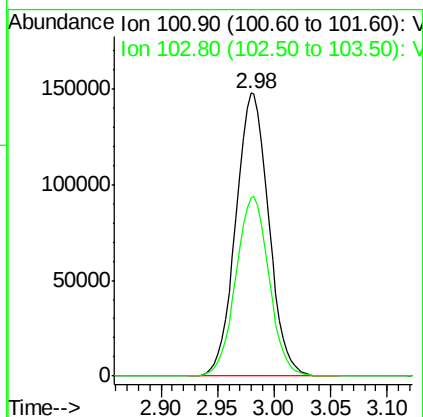
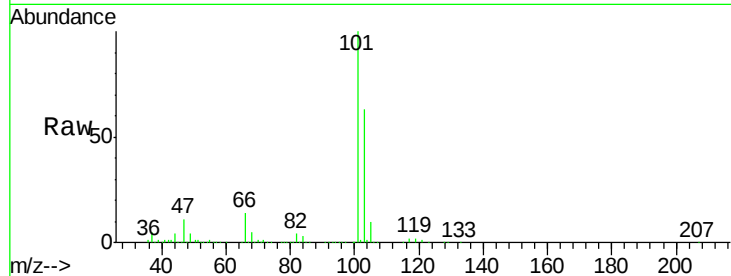


#7

Trichlorofluoromethane
 Concen: 65.846 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. 0.00 min
 Lab File: VN061424.D
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Instrument :
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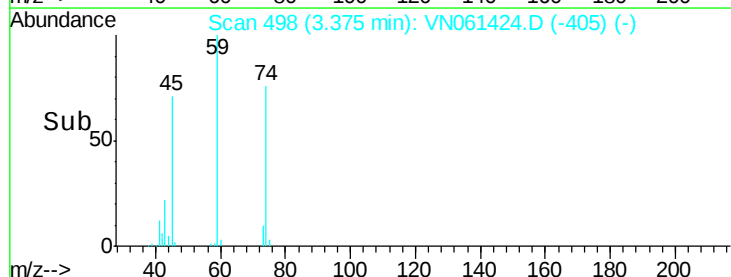
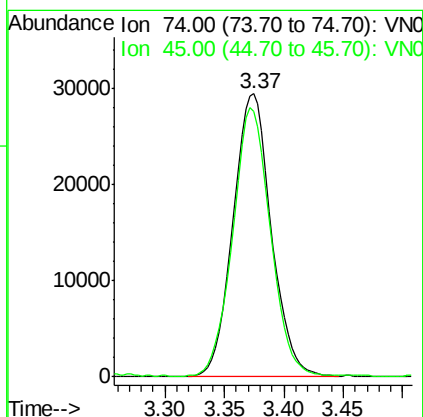
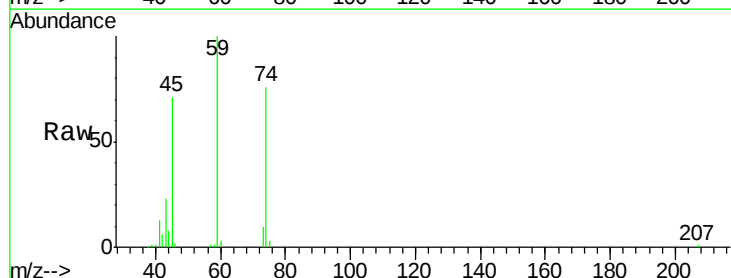
Tot Ion:101 Resp: 300043
 Ion Ratio Lower Upper
 101 100
 103 63.0 51.4 77.0

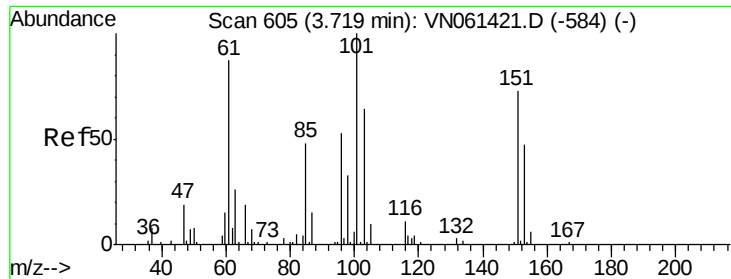


#8

Diethyl Ether
 Concen: 53.605 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN061424.D
 Acq: 15 May 2020 22:56

Tgt Ion: 74 Resp: 65619
 Ion Ratio Lower Upper
 74 100
 45 94.1 45.2 135.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 55.156 ug/l

RT: 3.72 min Scan# 605

Delta R.T. 0.00 min

Lab File: VN061424.D

Acq: 15 May 2020 22:56

Instrument :

MSVOA_N

ClientSampleId :

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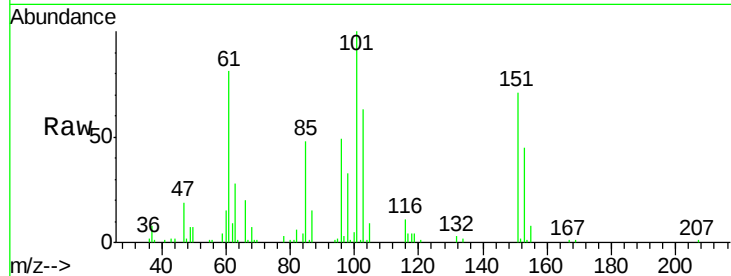
Tot Ion:101 Resp: 94810

Ion Ratio Lower Upper

101 100

85 47.4 38.4 57.6

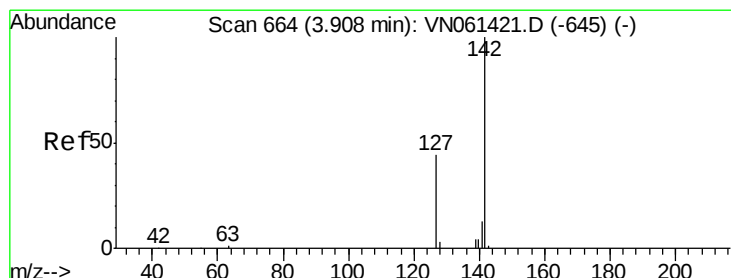
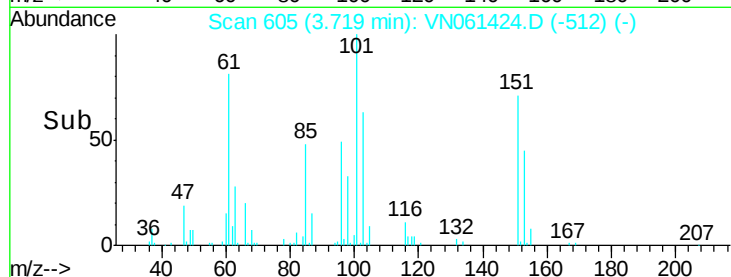
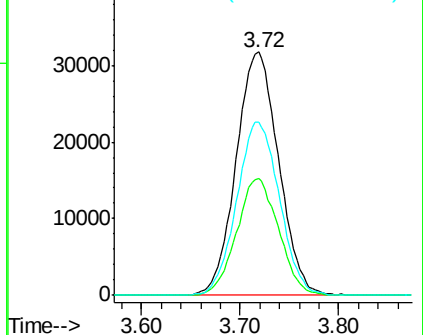
151 71.5 57.8 86.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 56.640 ug/l

RT: 3.91 min Scan# 664

Delta R.T. 0.00 min

Lab File: VN061424.D

Acq: 15 May 2020 22:56

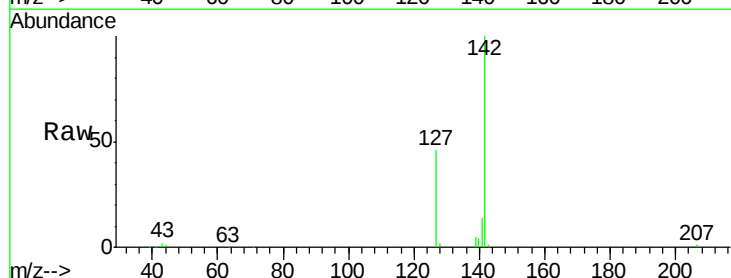
Tgt Ion:142 Resp: 122883

Ion Ratio Lower Upper

142 100

127 45.7 36.0 54.0

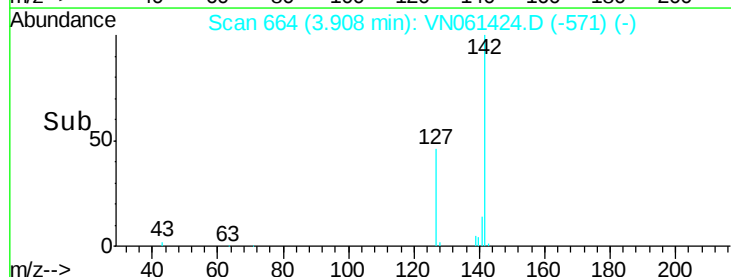
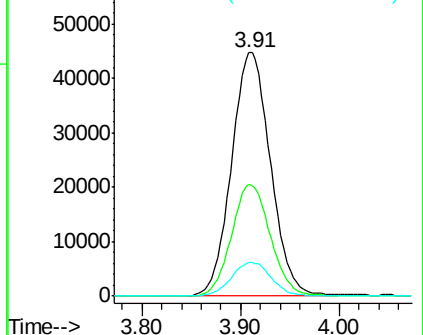
141 14.1 11.0 16.6

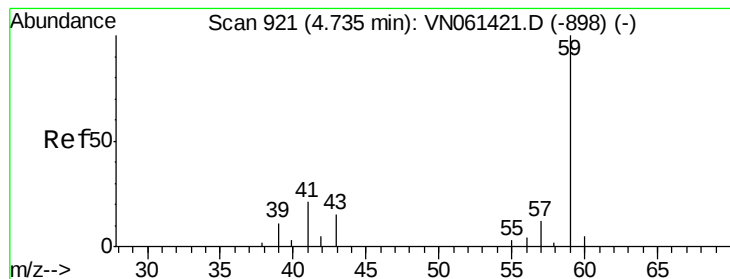


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



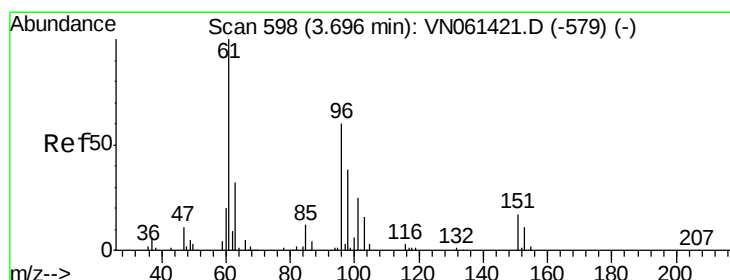
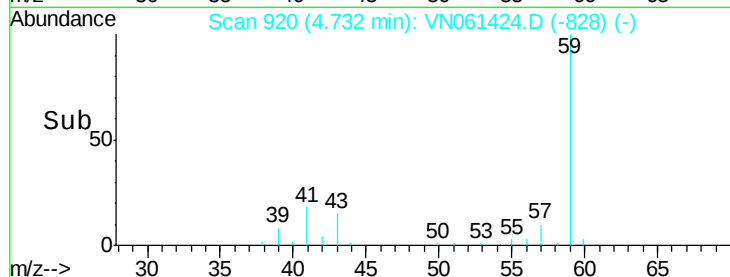
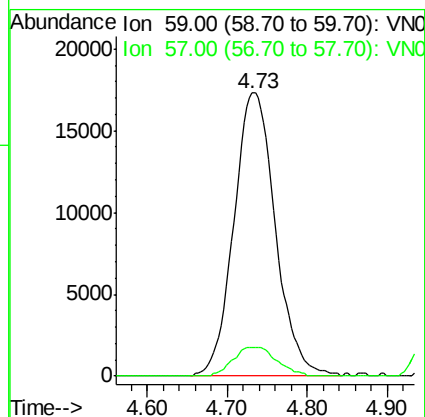
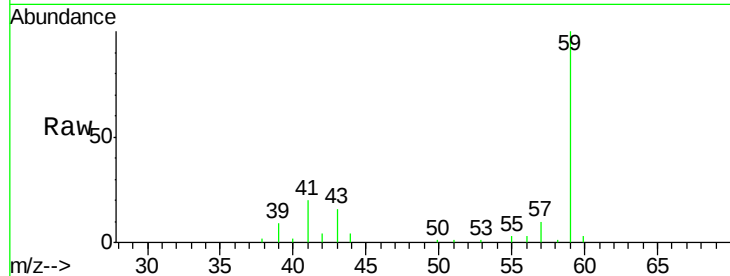


#11

Tert butyl alcohol
 Concen: 339.761 ug/l
 RT: 4.73 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VN061424.D
 Acq: 15 May 2020 22:56

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN051620

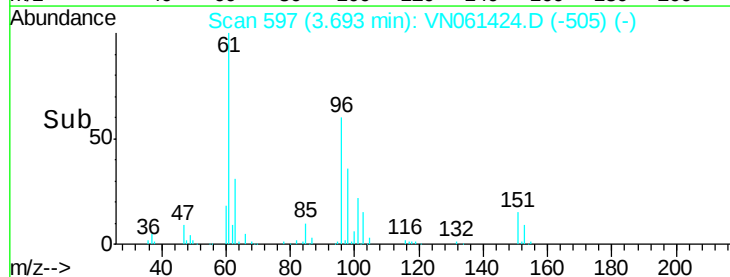
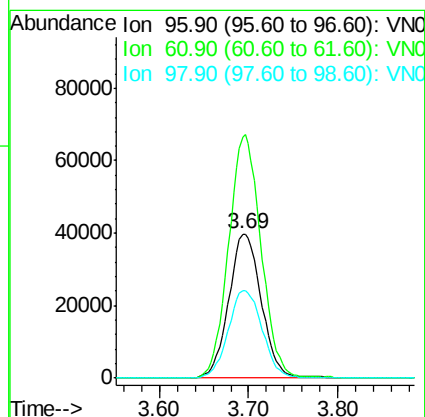
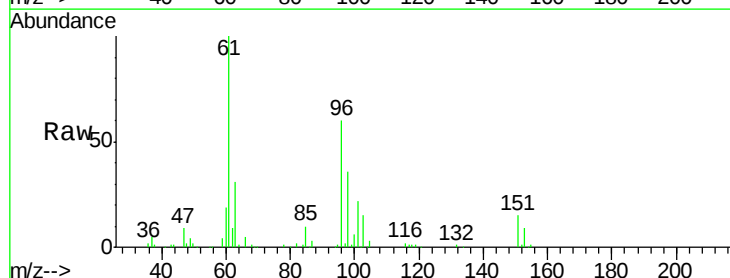
Tot Ion: 59 Resp: 61121
 Ion Ratio Lower Upper
 59 100
 57 10.7 8.8 13.2

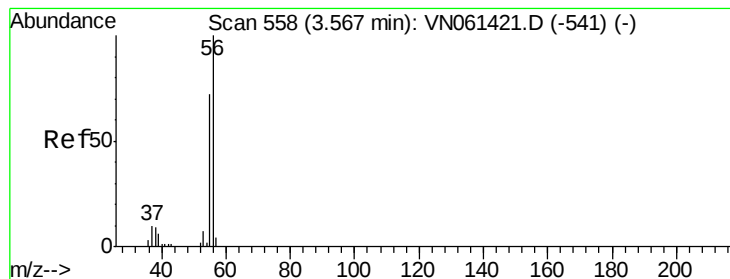


#12

1,1-Dichloroethene
 Concen: 53.958 ug/l
 RT: 3.69 min Scan# 597
 Delta R.T. -0.00 min
 Lab File: VN061424.D
 Acq: 15 May 2020 22:56

Tgt Ion: 96 Resp: 100769
 Ion Ratio Lower Upper
 96 100
 61 167.9 133.9 200.9
 98 60.8 50.4 75.6





#13

Acrolein

Concen: 285.382 ug/l

RT: 3.56 min Scan# 557

Delta R.T. -0.00 min

Lab File: VN061424.D

Acq: 15 May 2020 22:56

Instrument :

MSVOA_N

ClientSampleId :

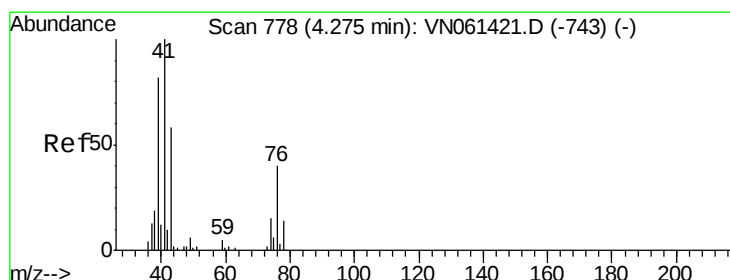
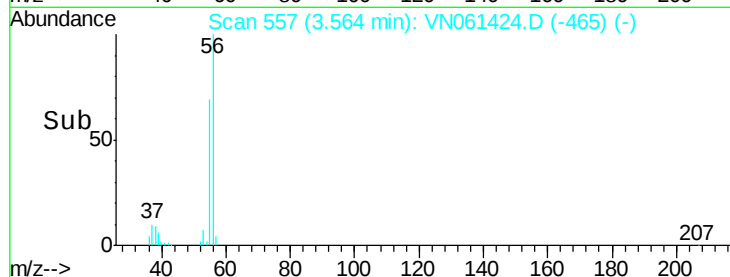
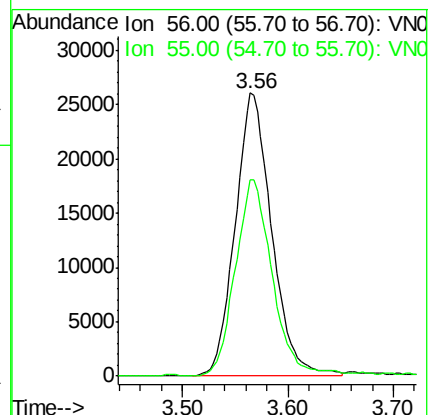
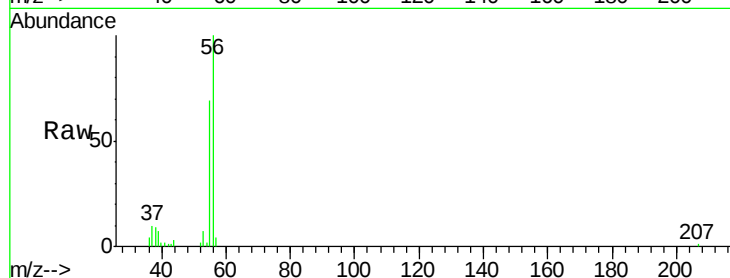
ICVVN051620

Tot Ion: 56 Resp: 62631

Ion Ratio Lower Upper

56 100

55 70.4 56.4 84.6



#14

Allyl chloride

Concen: 50.909 ug/l

RT: 4.27 min Scan# 778

Delta R.T. 0.00 min

Lab File: VN061424.D

Acq: 15 May 2020 22:56

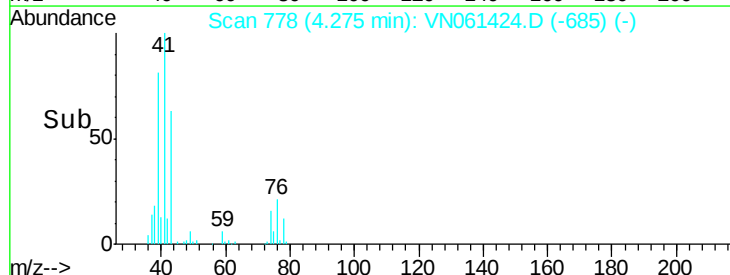
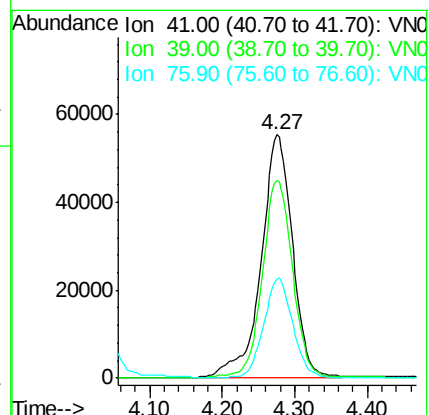
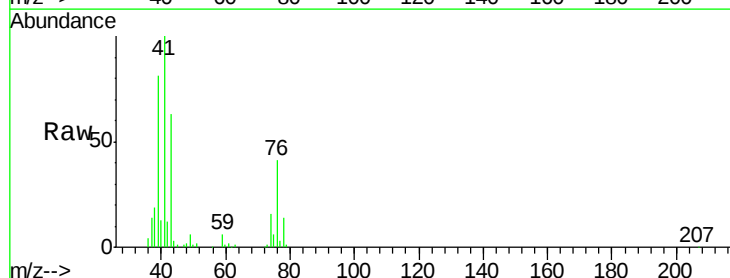
Tgt Ion: 41 Resp: 167696

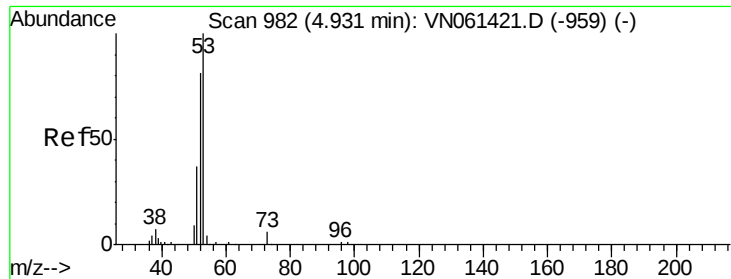
Ion Ratio Lower Upper

41 100

39 78.1 63.4 95.2

76 37.9 30.7 46.1





#15

Acrylonitrile

Concen: 280.003 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN061424.D

Acq: 15 May 2020 22:56

Instrument :

MSVOA_N

ClientSampleId :

ICVVN051620

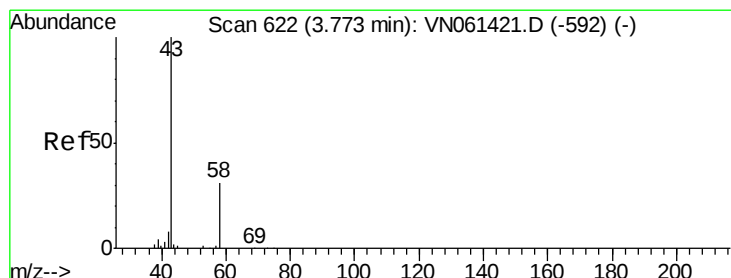
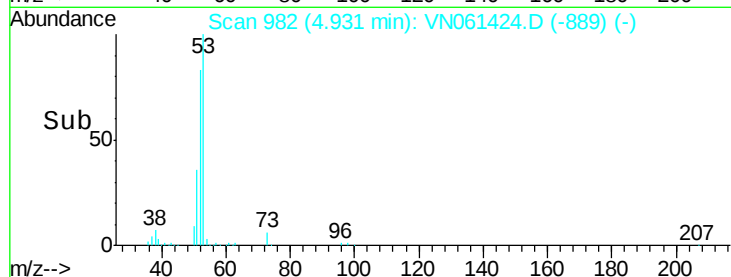
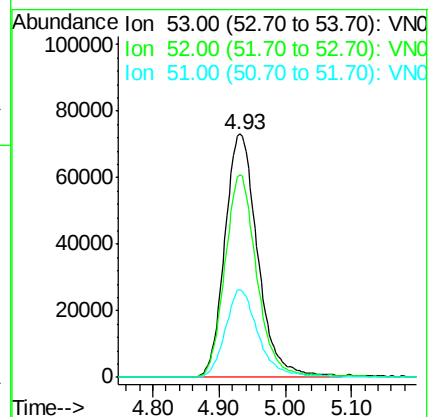
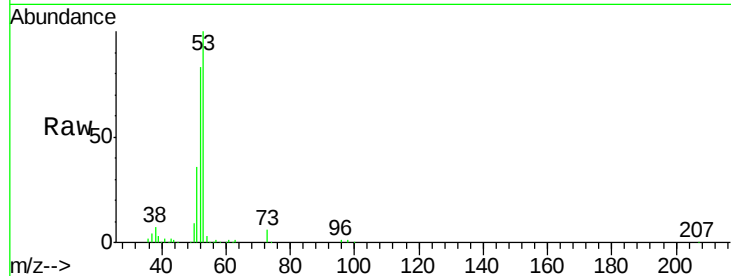
Tot Ion: 53 Resp: 251902

Ion Ratio Lower Upper

53 100

52 80.6 64.4 96.6

51 36.3 29.3 43.9



#16

Acetone

Concen: 287.451 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN061424.D

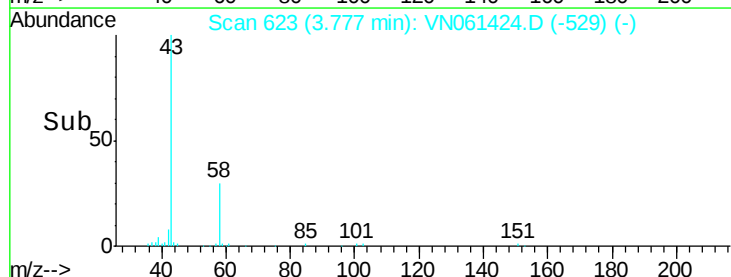
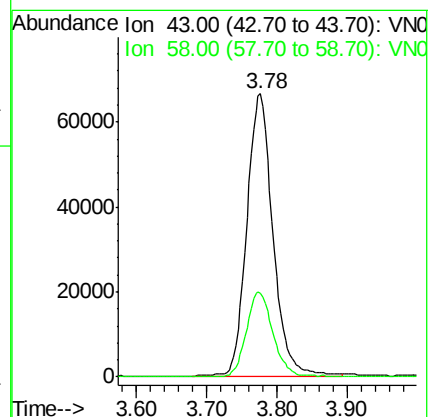
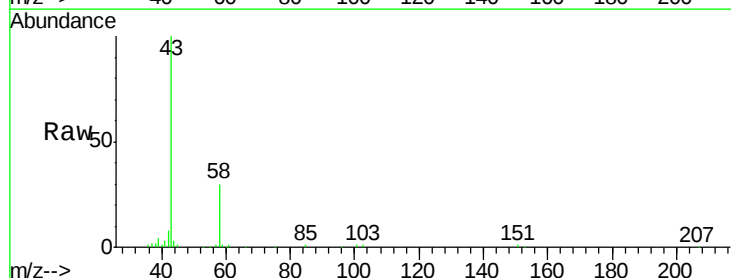
Acq: 15 May 2020 22:56

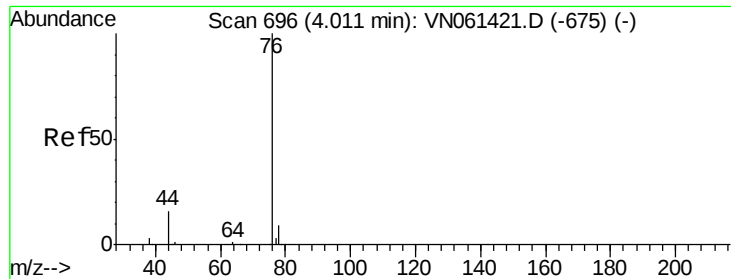
Tgt Ion: 43 Resp: 170636

Ion Ratio Lower Upper

43 100

58 29.7 24.6 36.8

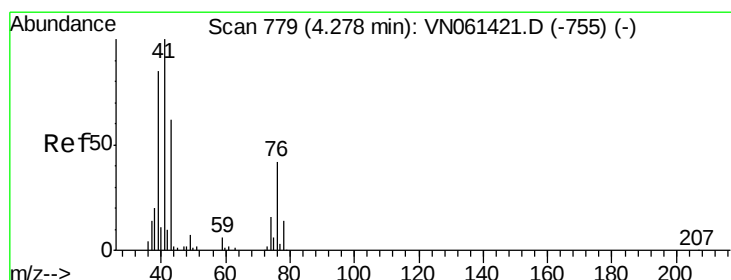
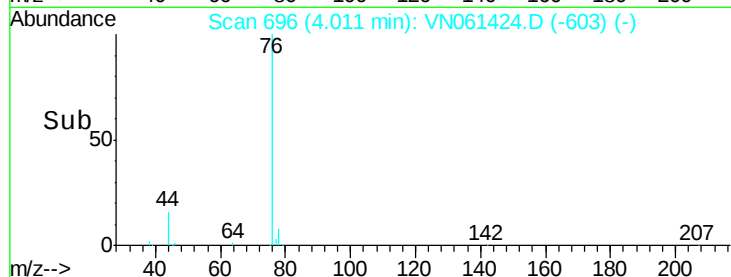
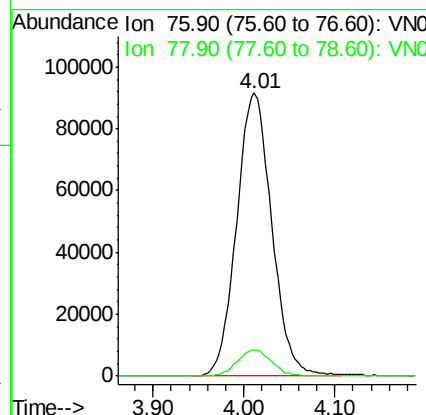
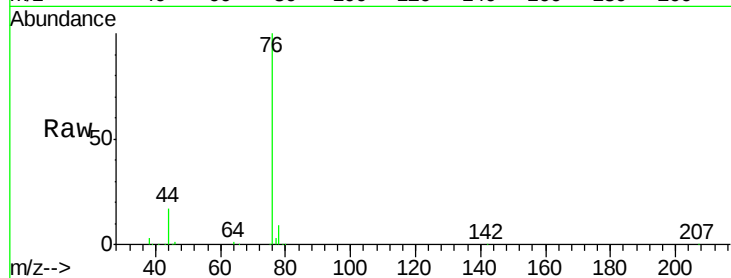




#17
Carbon Disulfide
Concen: 50.874 ug/l
RT: 4.01 min Scan# 696
Delta R.T. 0.00 min
Lab File: VN061424.D
Acq: 15 May 2020 22:56

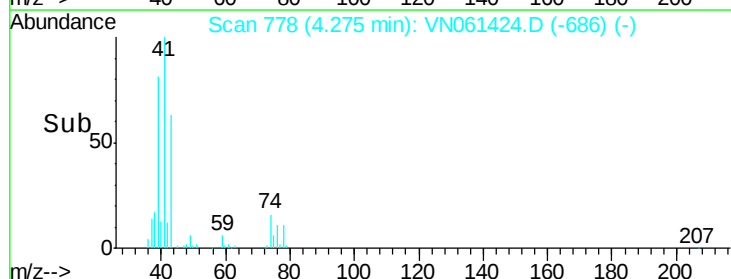
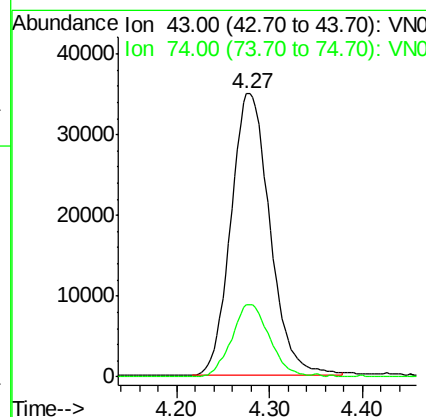
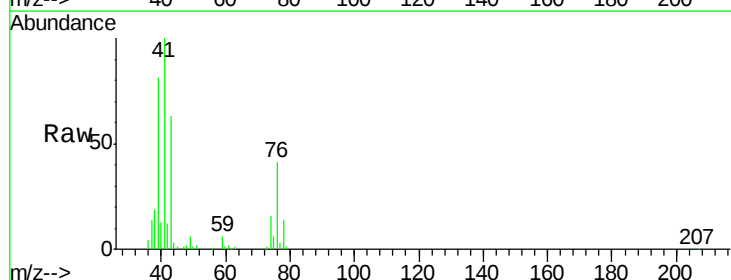
Instrument :
MSVOA_N
ClientSampled :
ICVVN051620

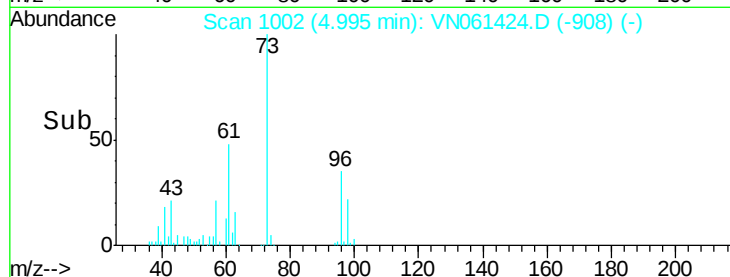
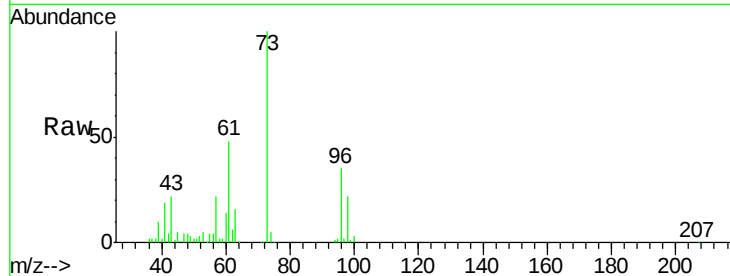
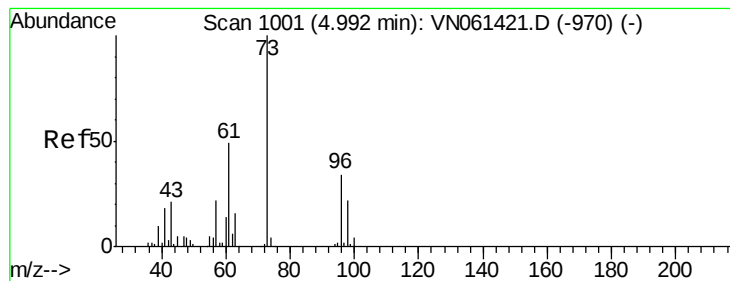
Tot Ion: 76 Resp: 245647
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8



#18
Methyl Acetate
Concen: 53.033 ug/l
RT: 4.27 min Scan# 778
Delta R.T. -0.00 min
Lab File: VN061424.D
Acq: 15 May 2020 22:56

Tgt Ion: 43 Resp: 101798
Ion Ratio Lower Upper
43 100
74 24.9 19.8 29.6





#19

Methyl tert-butyl Ether

Concen: 52.011 ug/l

RT: 5.00 min Scan# 1002

Delta R.T. 0.00 min

Lab File: VN061424.D

Acq: 15 May 2020 22:56

Instrument :

MSVOA_N

ClientSampleId :

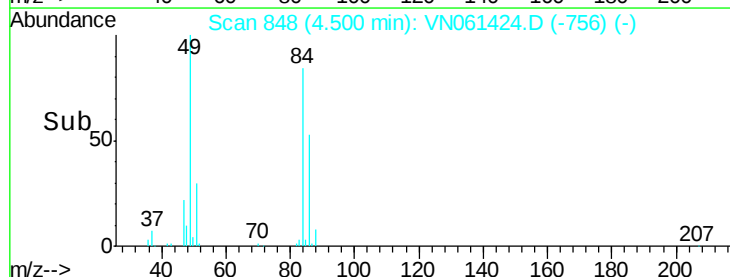
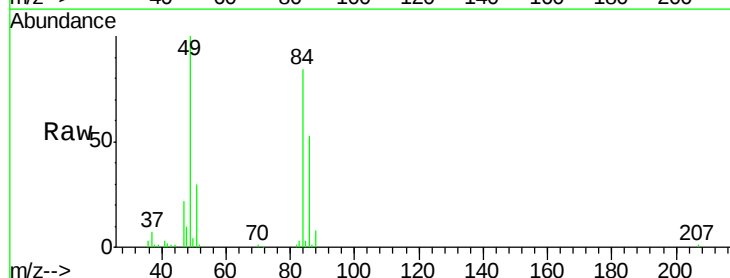
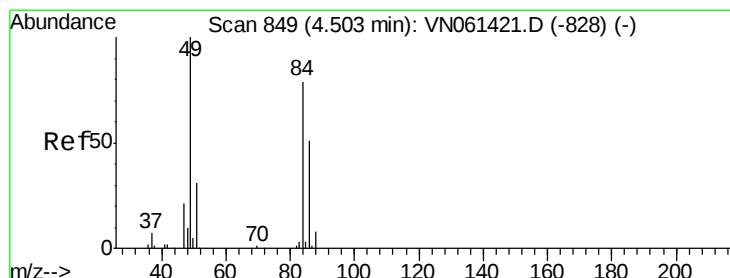
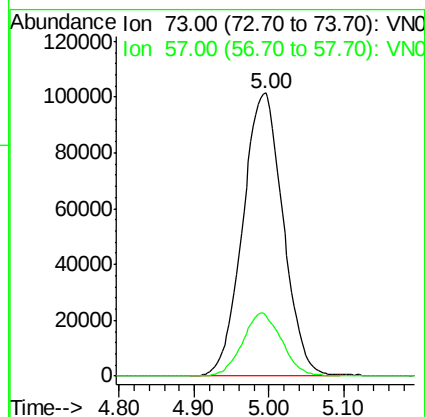
ICV051620

Tot Ion: 73 Resp: 380078

Ion Ratio Lower Upper

73 100

57 21.5 17.6 26.4



#20

Methylene Chloride

Concen: 52.995 ug/l

RT: 4.50 min Scan# 848

Delta R.T. -0.00 min

Lab File: VN061424.D

Acq: 15 May 2020 22:56

Tgt Ion: 84 Resp: 118899

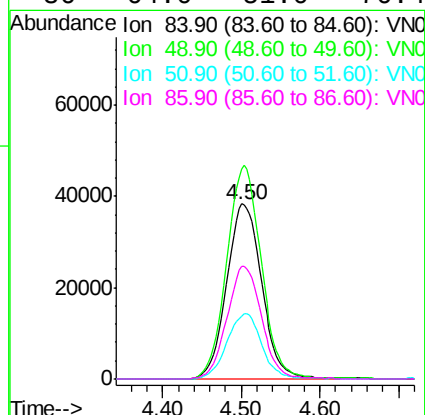
Ion Ratio Lower Upper

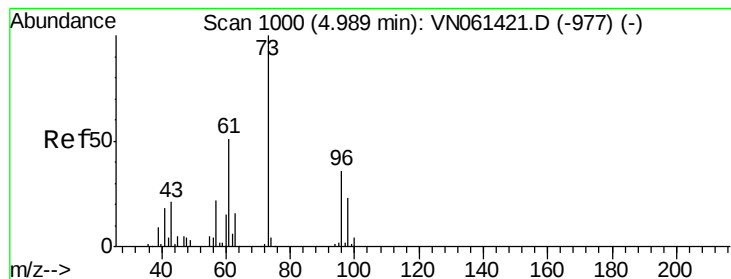
84 100

49 119.7 101.0 151.4

51 36.1 31.6 47.4

86 64.0 51.0 76.4





#21

trans-1,2-Dichloroethene

Concen: 52.542 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN061424.D

Acq: 15 May 2020 22:56

Instrument :

MSVOA_N

ClientSampleId :

ICVVN051620

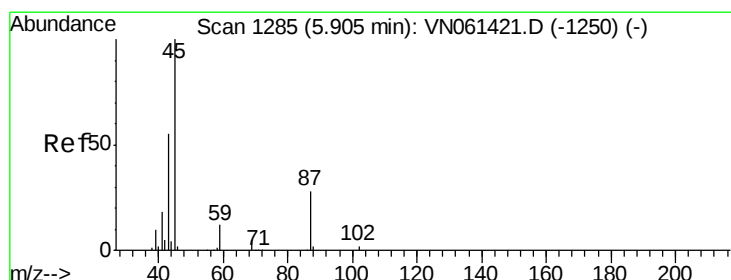
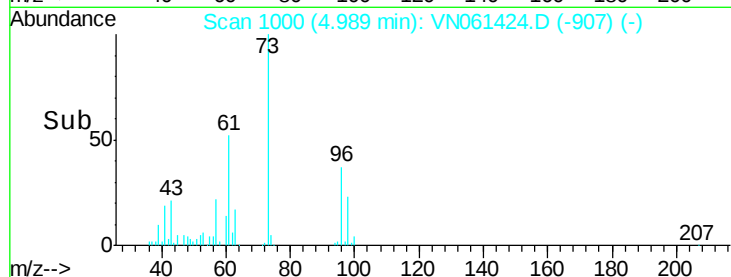
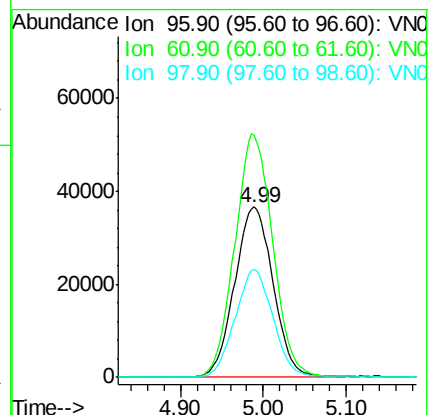
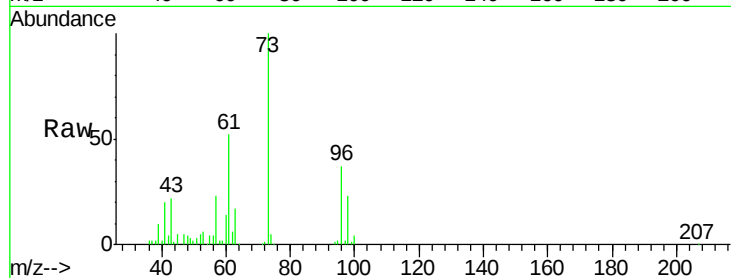
Tot Ion: 96 Resp: 118381

Ion Ratio Lower Upper

96 100

61 142.2 113.8 170.6

98 63.6 50.8 76.2



#22

Diisopropyl ether

Concen: 50.491 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VN061424.D

Acq: 15 May 2020 22:56

Tgt Ion: 45 Resp: 374334

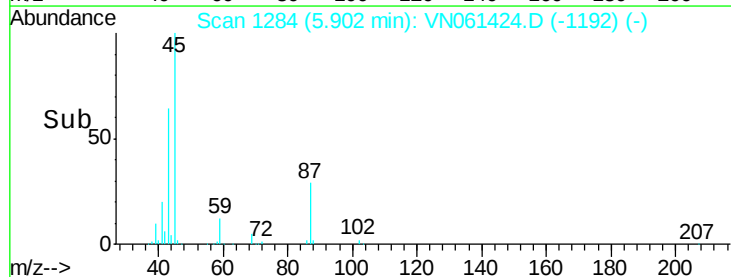
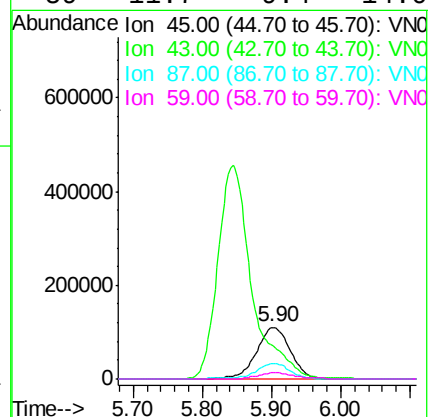
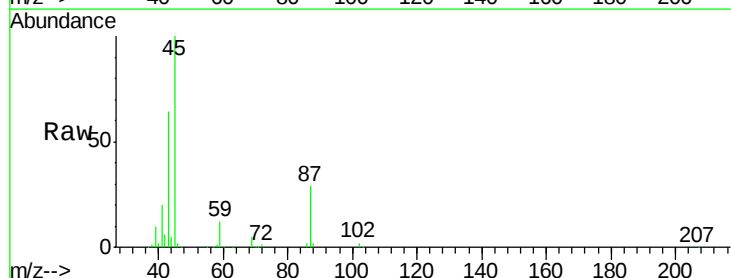
Ion Ratio Lower Upper

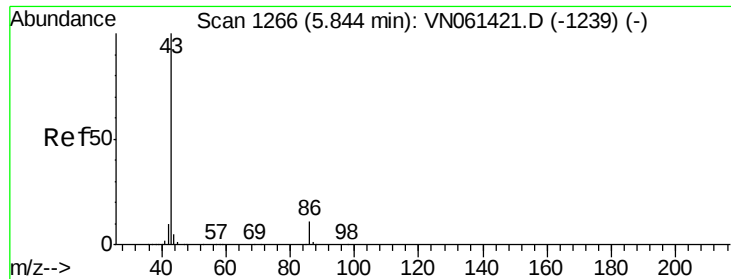
45 100

43 62.3 49.1 73.7

87 29.5 23.0 34.4

59 11.7 9.4 14.0





#23

Vinyl Acetate

Concen: 257.823 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VN061424.D

Acq: 15 May 2020 22:56

Instrument :

MSVOA_N

ClientSampleId :

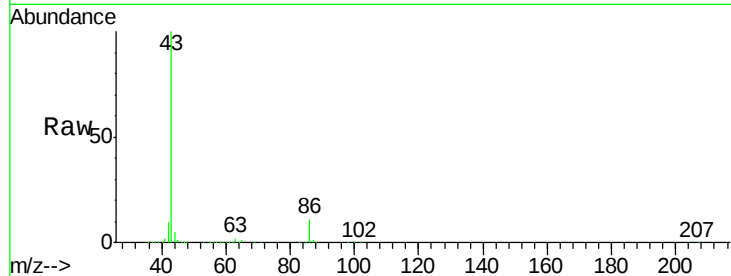
ICVVN051620

Tot Ion: 43 Resp: 1558623

Ion Ratio Lower Upper

43 100

86 11.2 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.84

500000

400000

300000

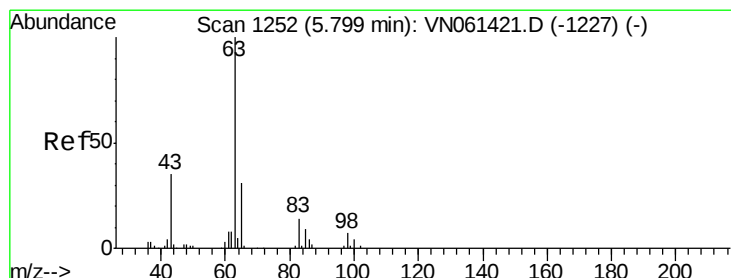
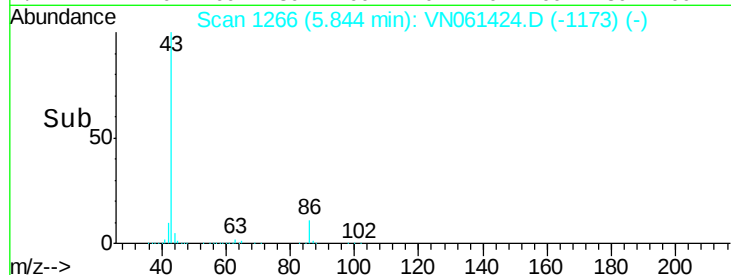
200000

100000

0

Time-->

5.70 5.80 5.90 6.00



#24

1,1-Dichloroethane

Concen: 51.187 ug/l

RT: 5.80 min Scan# 1253

Delta R.T. 0.00 min

Lab File: VN061424.D

Acq: 15 May 2020 22:56

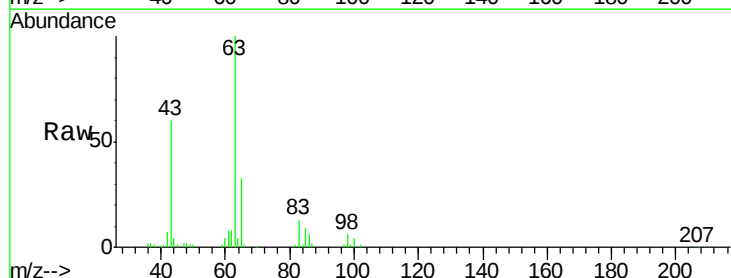
Tgt Ion: 63 Resp: 215989

Ion Ratio Lower Upper

63 100

98 6.3 3.6 10.9

100 4.3 2.1 6.2



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

80000

60000

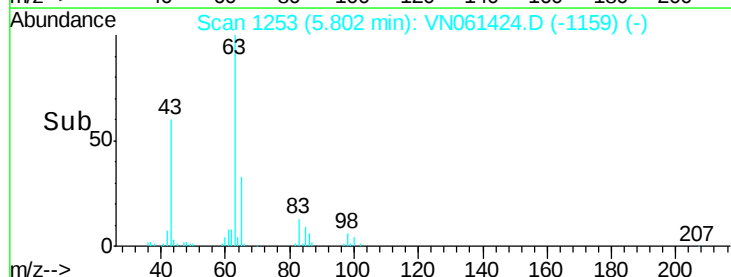
40000

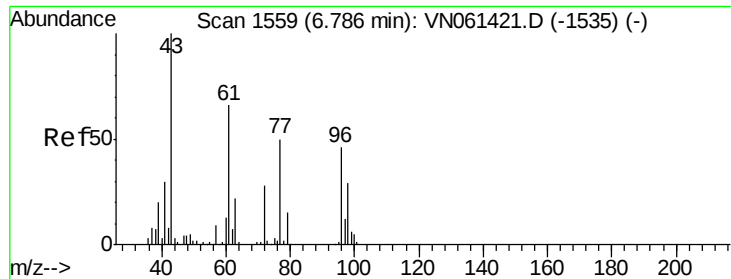
20000

0

Time-->

5.70 5.80 5.90

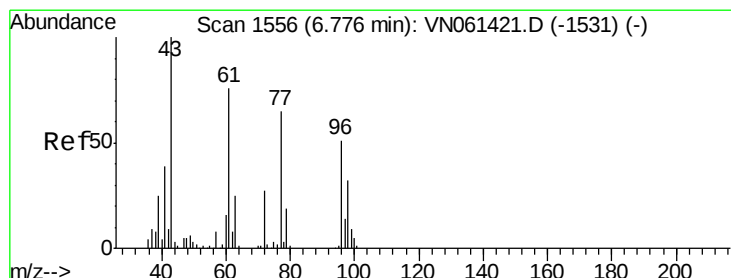
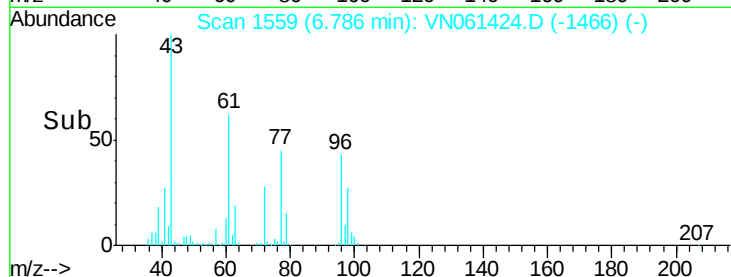
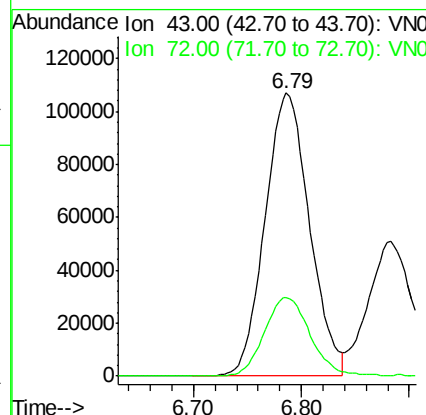
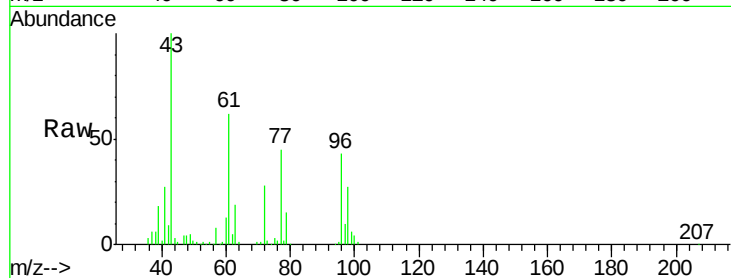




#25
 2-Butanone
 Concen: 263.048 ug/l
 RT: 6.79 min Scan# 1559
 Delta R.T. 0.00 min
 Lab File: VN061424.D
 Acq: 15 May 2020 22:56

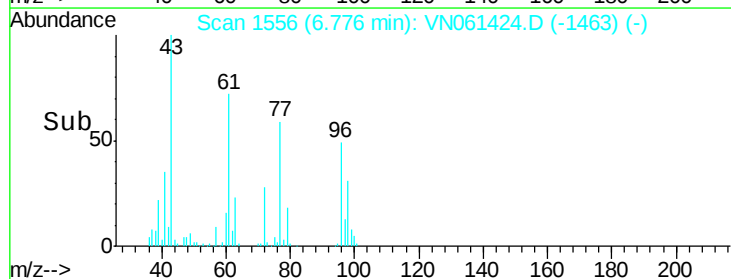
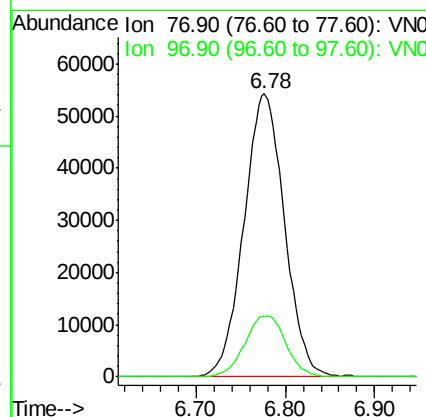
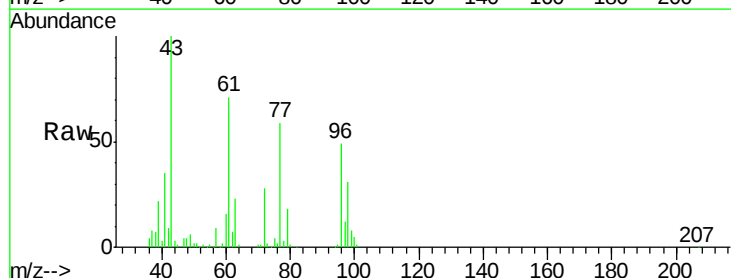
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN051620

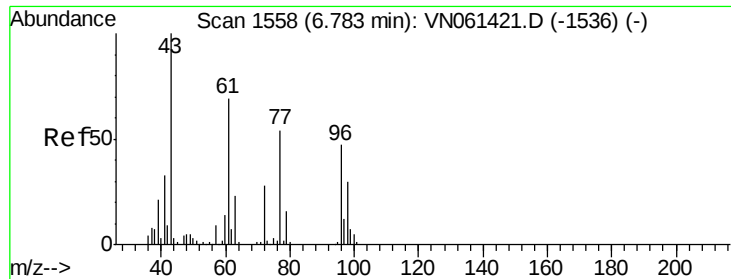
Tot Ion: 43 Resp: 304037
 Ion Ratio Lower Upper
 43 100
 72 28.0 22.6 33.8



#26
 2,2-Dichloropropane
 Concen: 48.456 ug/l
 RT: 6.78 min Scan# 1556
 Delta R.T. 0.00 min
 Lab File: VN061424.D
 Acq: 15 May 2020 22:56

Tgt Ion: 77 Resp: 171237
 Ion Ratio Lower Upper
 77 100
 97 21.9 11.1 33.3

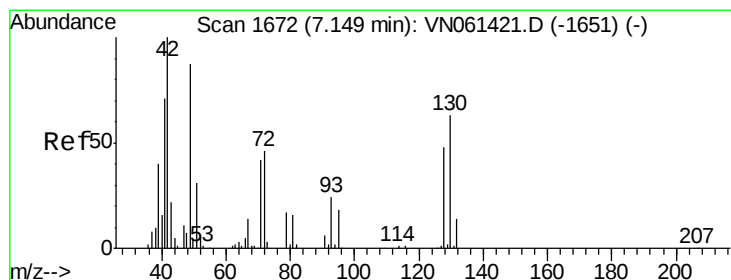
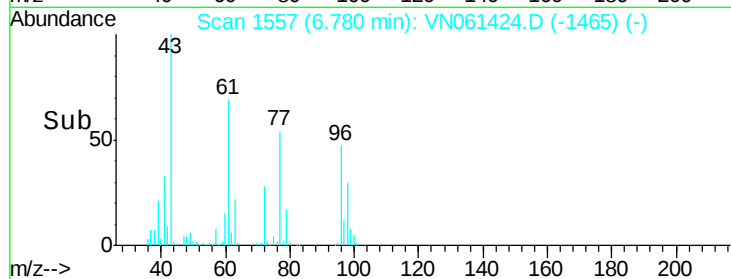
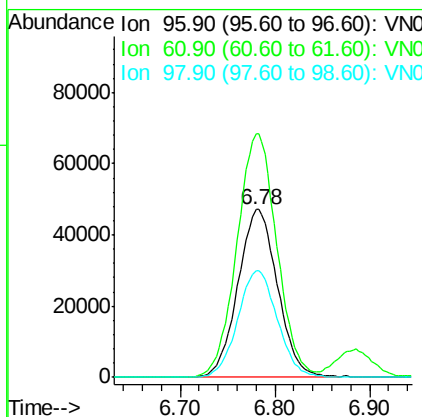
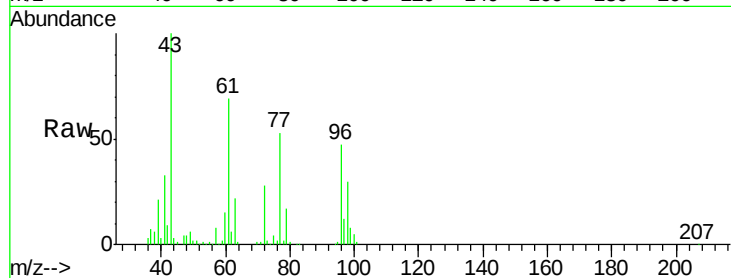




#27
 cis-1,2-Dichloroethene
 Concen: 52.413 ug/l
 RT: 6.78 min Scan# 1557
 Delta R.T. -0.00 min
 Lab File: VN061424.D
 Acq: 15 May 2020 22:56

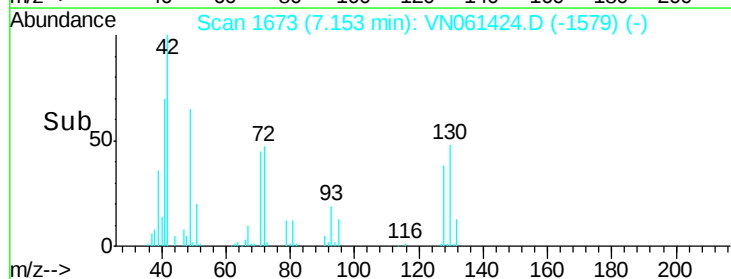
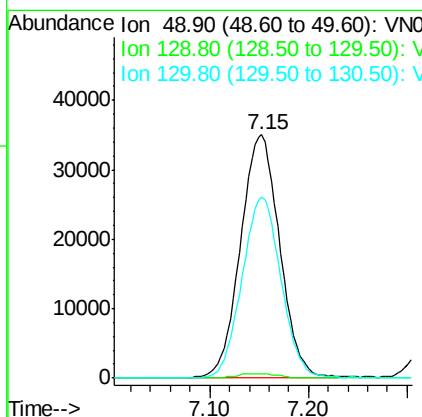
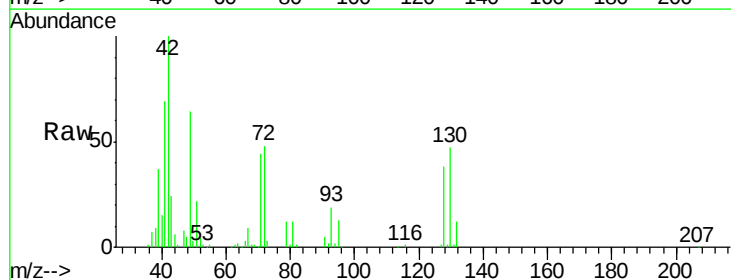
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN051620

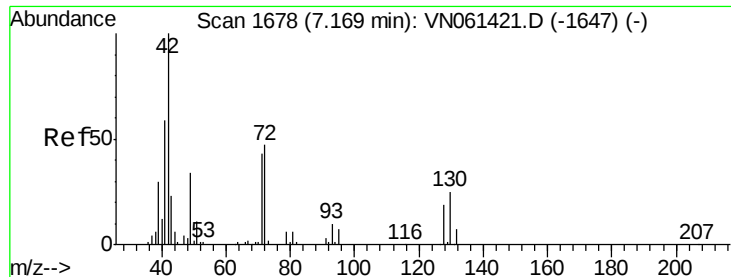
Tot Ion: 96 Resp: 137349
 Ion Ratio Lower Upper
 96 100
 61 145.9 0.0 293.0
 98 63.3 0.0 127.4



#28
 Bromochloromethane
 Concen: 51.586 ug/l
 RT: 7.15 min Scan# 1673
 Delta R.T. 0.00 min
 Lab File: VN061424.D
 Acq: 15 May 2020 22:56

Tgt Ion: 49 Resp: 96420
 Ion Ratio Lower Upper
 49 100
 129 0.7 0.0 3.6
 130 73.9 57.4 86.0

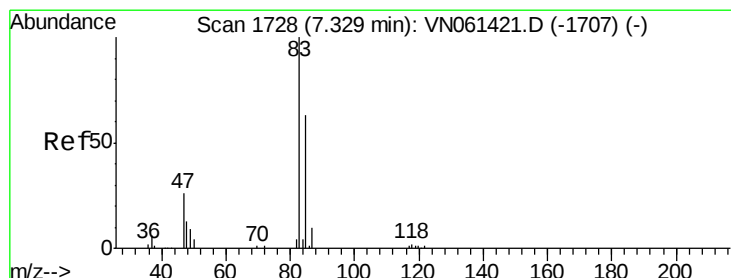
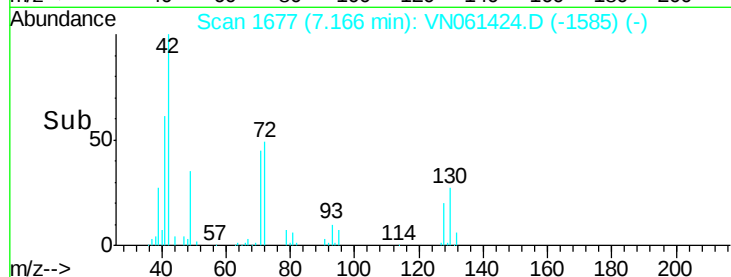
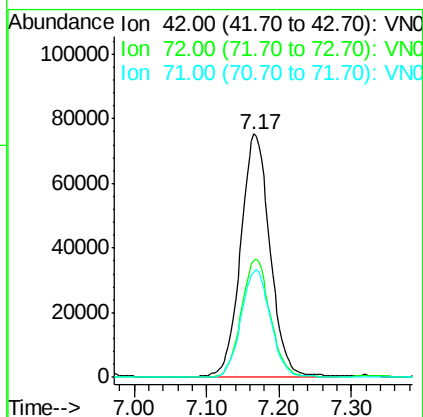
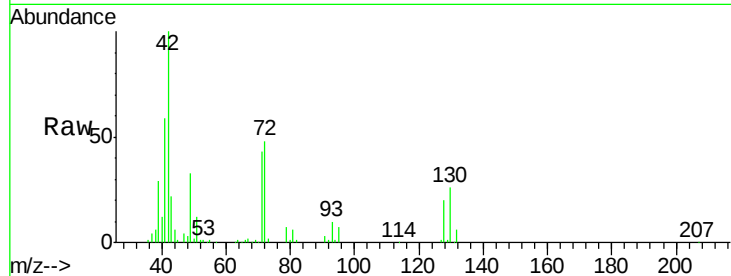




#29
Tetrahydrofuran
Concen: 269.374 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN061424.D
Acq: 15 May 2020 22:56

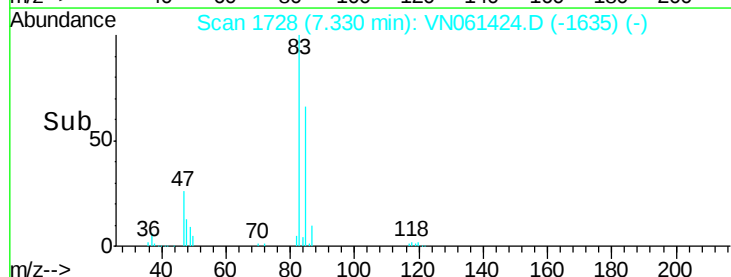
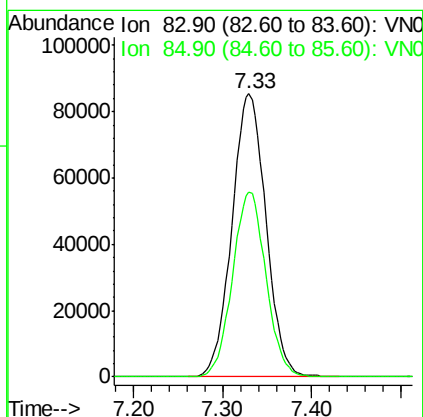
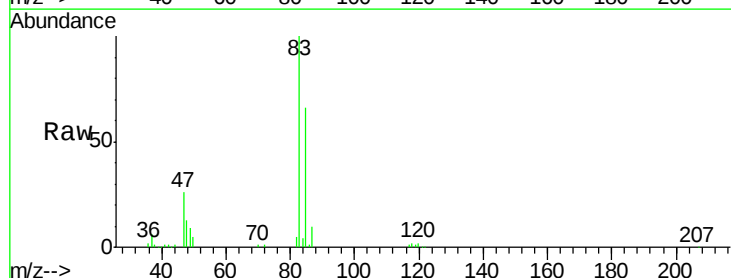
Instrument :
MSVOA_N
ClientSampleId :
ICVVN051620

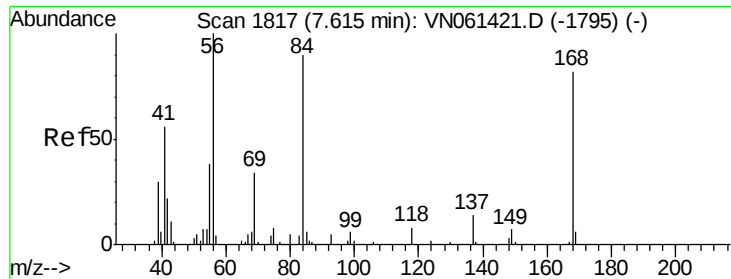
Tot Ion: 42 Resp: 213392
Ion Ratio Lower Upper
42 100
72 47.8 37.1 55.7
71 43.9 34.5 51.7



#30
Chloroform
Concen: 51.272 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. 0.00 min
Lab File: VN061424.D
Acq: 15 May 2020 22:56

Tgt Ion: 83 Resp: 226220
Ion Ratio Lower Upper
83 100
85 65.5 50.6 76.0





#31

Cyclohexane

Concen: 48.106 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. -0.00 min

Lab File: VN061424.D

Acq: 15 May 2020 22:56

Instrument :

MSVOA_N

ClientSampleId :

ICVVN051620

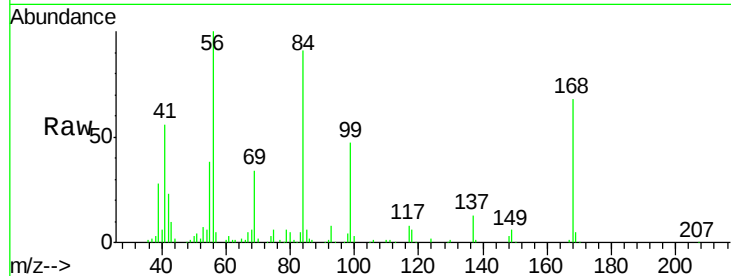
Tot Ion: 56 Resp: 200611

Ion Ratio Lower Upper

56 100

69 33.6 27.0 40.4

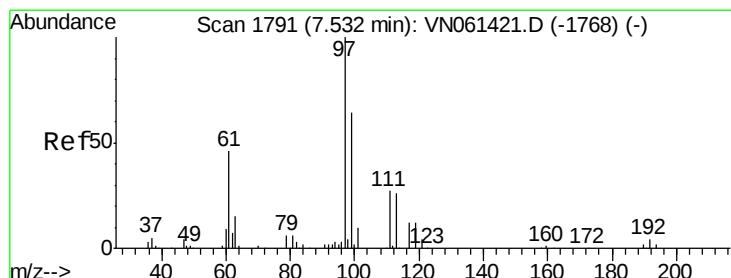
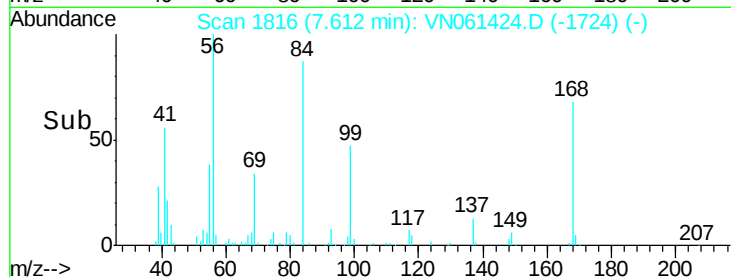
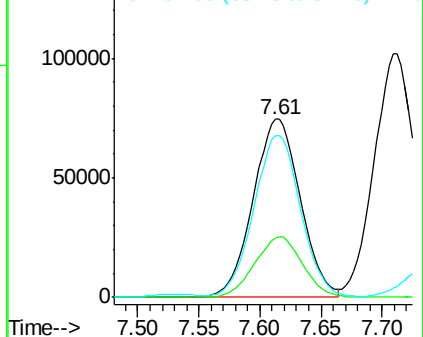
84 89.4 71.7 107.5



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 84.00 (83.70 to 84.70): VN0



#32

1,1,1-Trichloroethane

Concen: 52.412 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VN061424.D

Acq: 15 May 2020 22:56

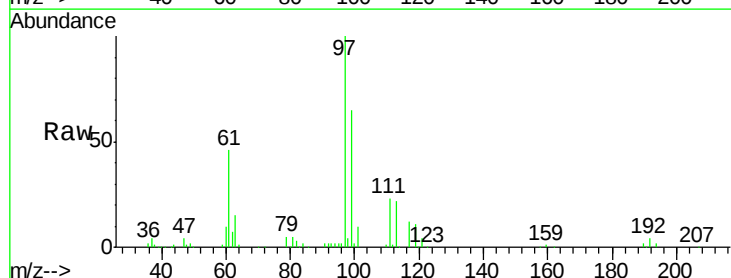
Tgt Ion: 97 Resp: 206059

Ion Ratio Lower Upper

97 100

99 64.1 50.7 76.1

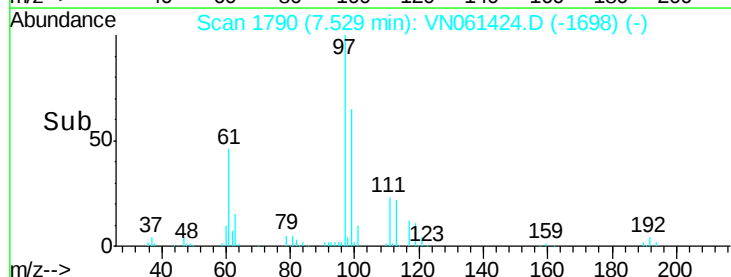
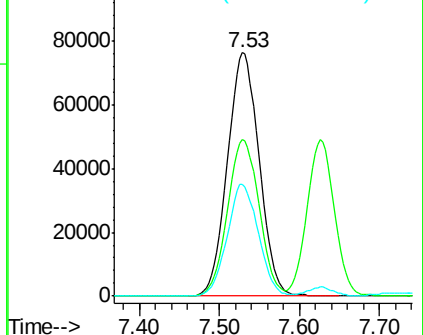
61 45.0 37.0 55.4

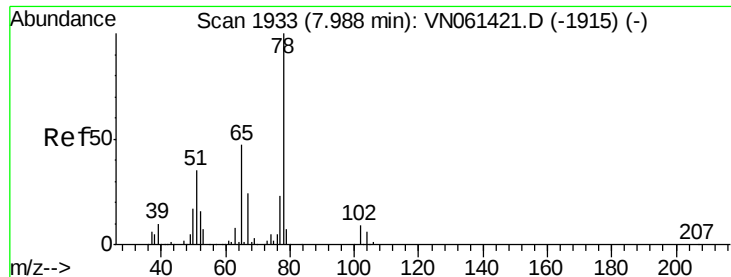


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

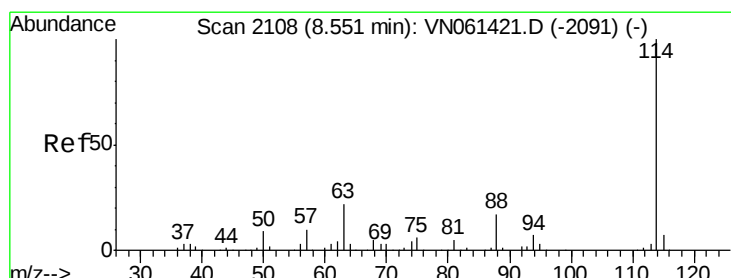
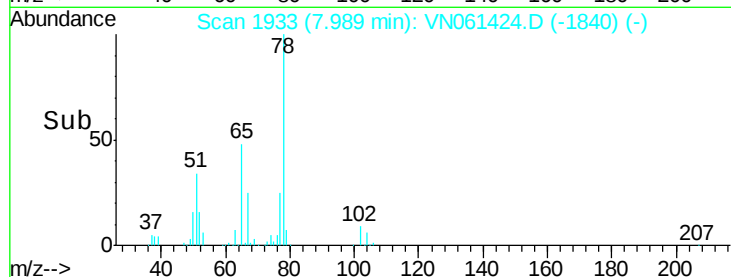
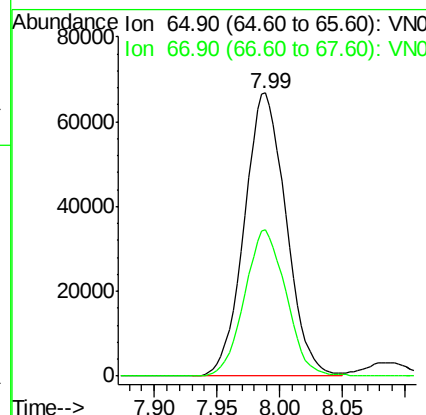
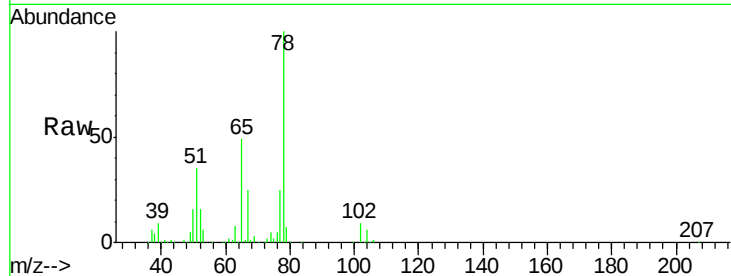




#33
 1,2-Dichloroethane-d4
 Concen: 54.198 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN061424.D
 Acq: 15 May 2020 22:56

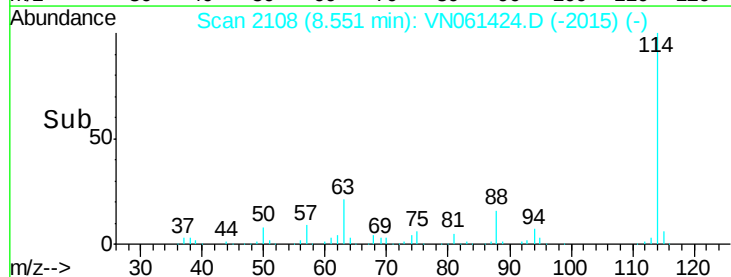
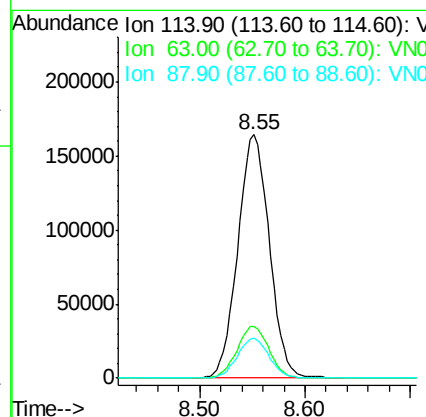
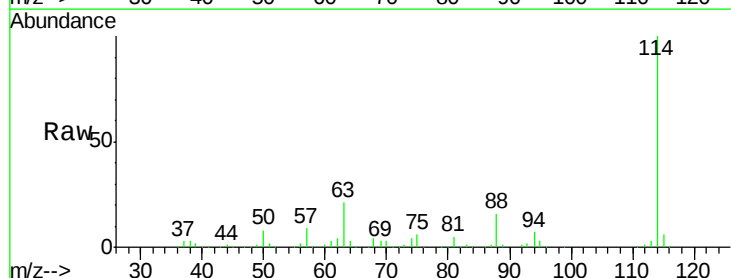
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN051620

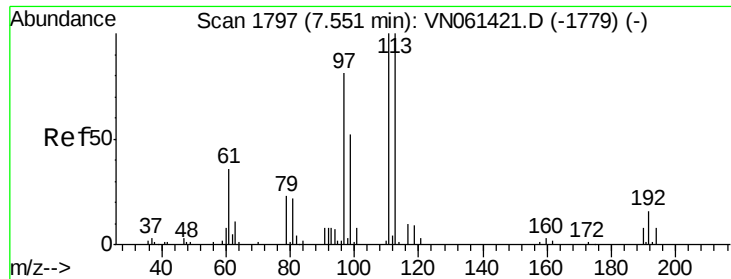
Tot Ion: 65 Resp: 154711
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN061424.D
 Acq: 15 May 2020 22:56

Tgt Ion: 114 Resp: 341272
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 44.4
 88 16.3 0.0 33.6

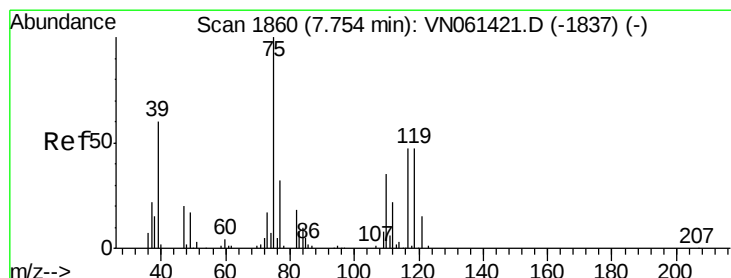
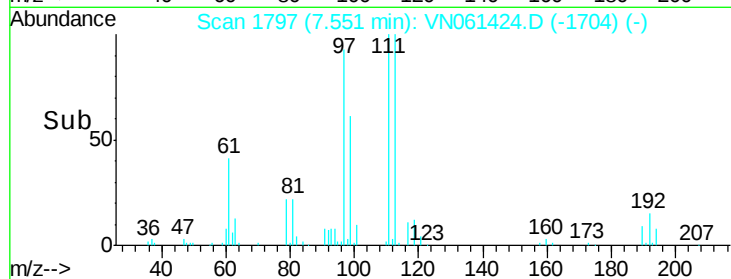
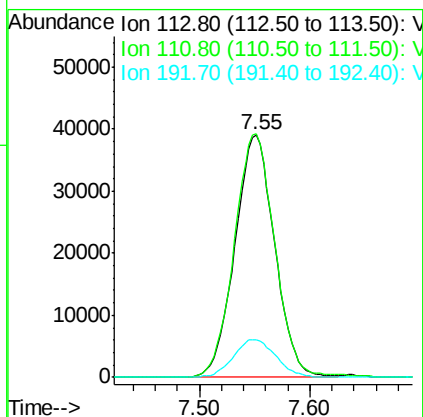
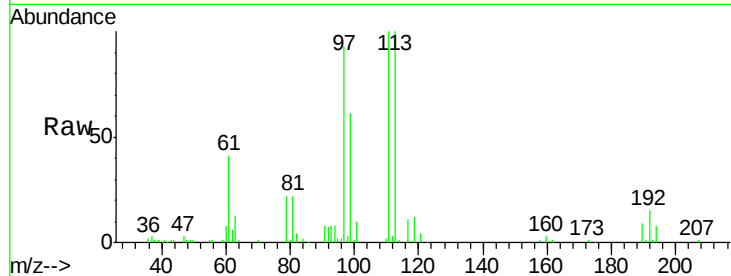




#35
 Dibromofluoromethane
 Concen: 57.076 ug/l
 RT: 7.55 min Scan# 1797
 Delta R.T. 0.00 min
 Lab File: VN061424.D
 Acq: 15 May 2020 22:56

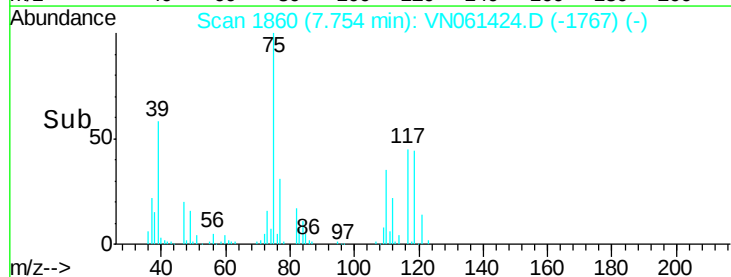
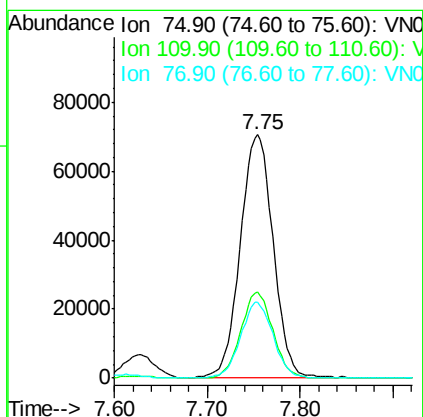
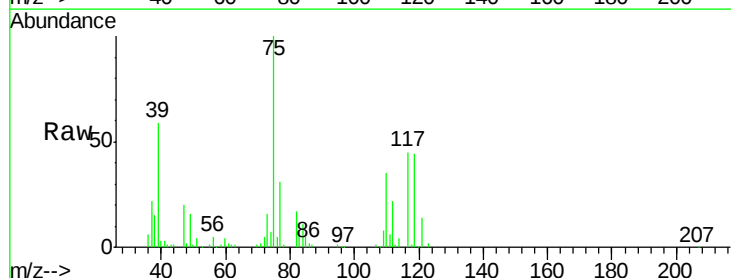
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN051620

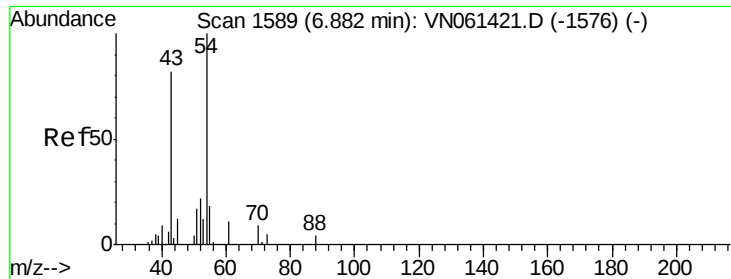
Tot Ion:113 Resp: 97362
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.6 124.0
 192 16.6 13.4 20.0



#36
 1,1-Dichloropropene
 Concen: 50.762 ug/l
 RT: 7.75 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VN061424.D
 Acq: 15 May 2020 22:56

Tgt Ion: 75 Resp: 172830
 Ion Ratio Lower Upper
 75 100
 110 34.4 16.7 50.1
 77 31.0 24.7 37.1

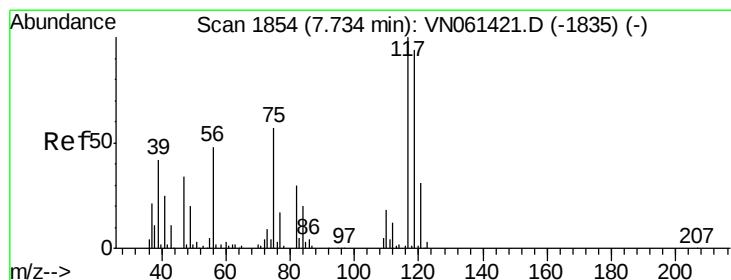
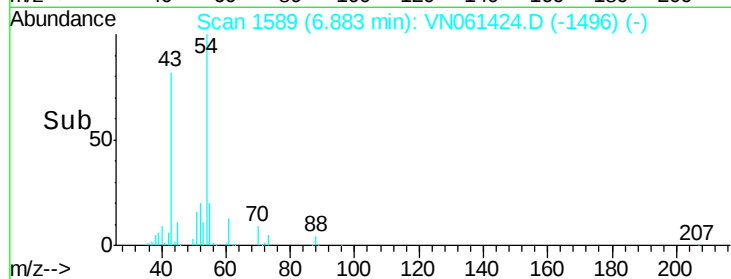
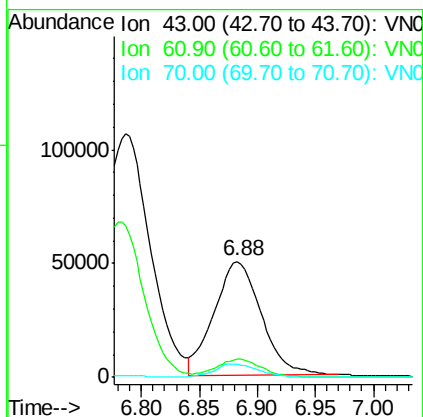
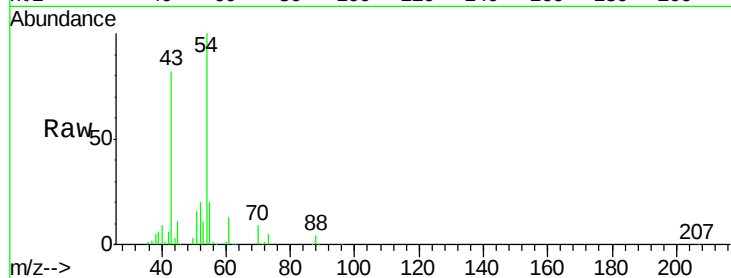




#37
Ethyl Acetate
Concen: 50.496 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. 0.00 min
Lab File: VN061424.D
Acq: 15 May 2020 22:56

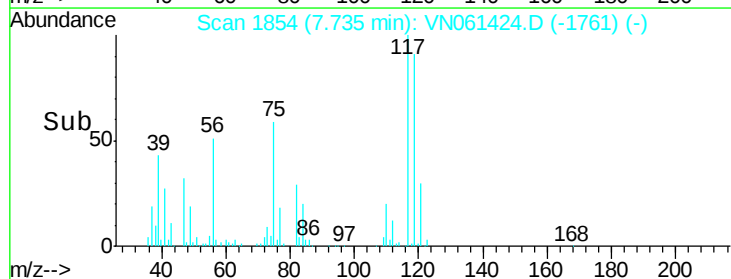
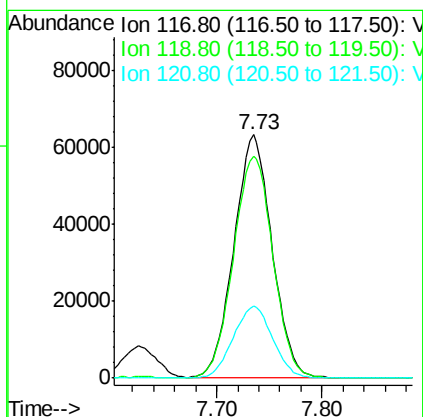
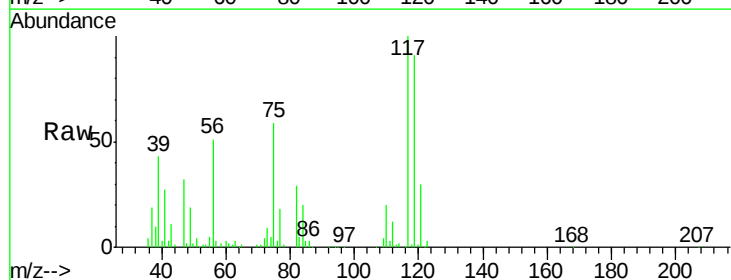
Instrument :
MSVOA_N
ClientSampleId :
ICVVN051620

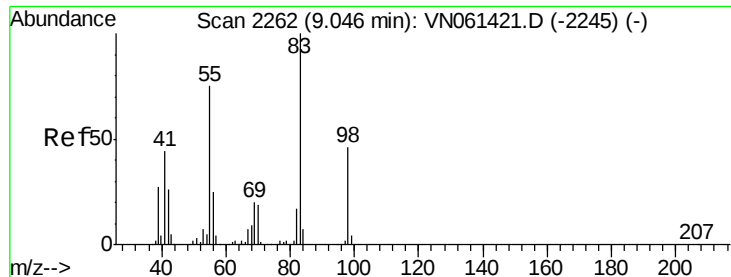
Tot Ion: 43 Resp: 142705
Ion Ratio Lower Upper
43 100
61 15.5 11.5 17.3
70 11.3 8.0 12.0



#38
Carbon Tetrachloride
Concen: 54.946 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. 0.00 min
Lab File: VN061424.D
Acq: 15 May 2020 22:56

Tgt Ion: 117 Resp: 159075
Ion Ratio Lower Upper
117 100
119 91.3 75.5 113.3
121 29.7 24.6 36.8

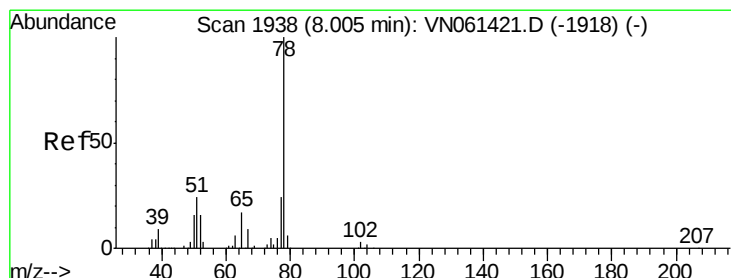
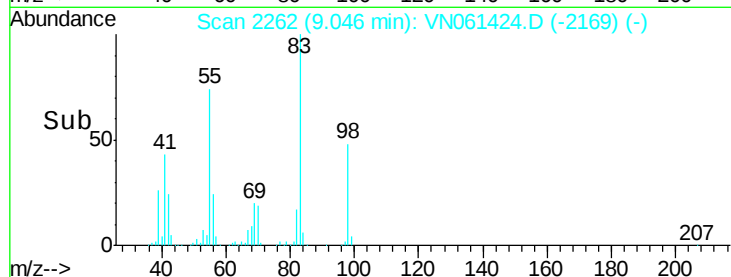
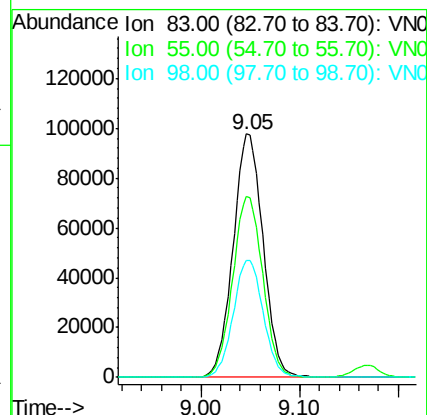
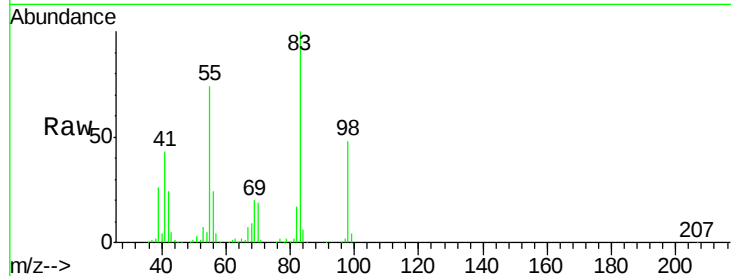




#39
Methvlcvclohexane
Concen: 50.985 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN061424.D
Acq: 15 May 2020 22:56

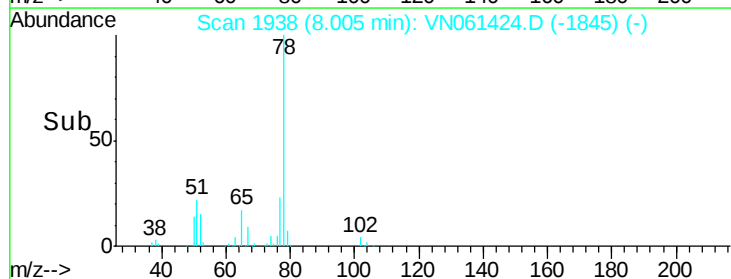
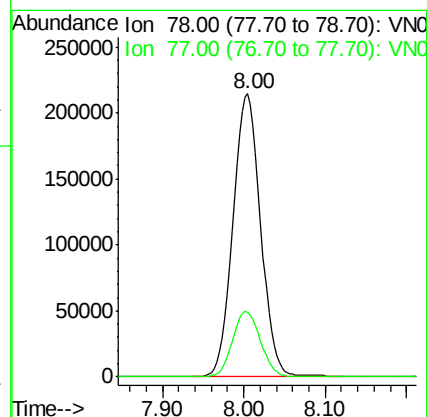
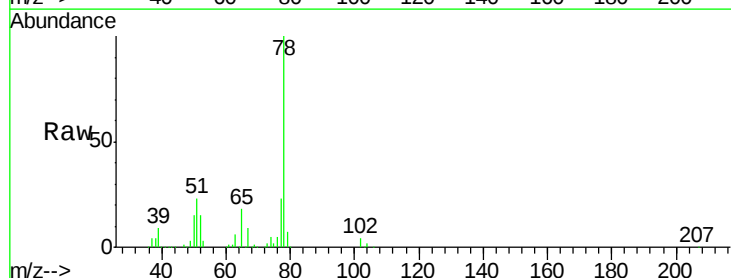
Instrument :
MSVOA_N
ClientSampleId :
ICVFN051620

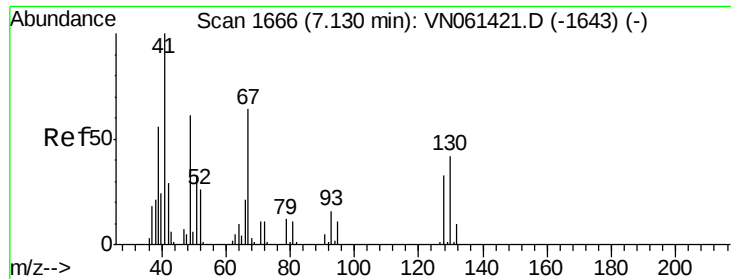
Tot Ion: 83 Resp: 207223
Ion Ratio Lower Upper
83 100
55 74.4 60.1 90.1
98 48.0 37.0 55.6



#40
Benzene
Concen: 50.841 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN061424.D
Acq: 15 May 2020 22:56

Tgt Ion: 78 Resp: 509766
Ion Ratio Lower Upper
78 100
77 23.0 19.0 28.6

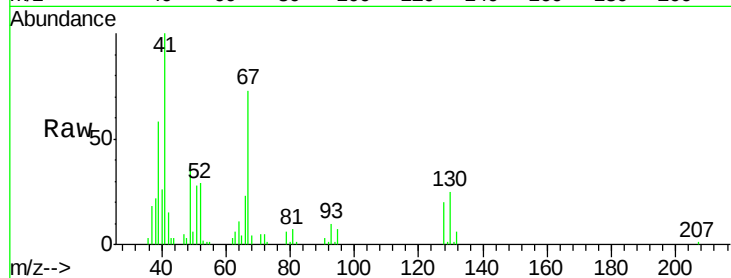




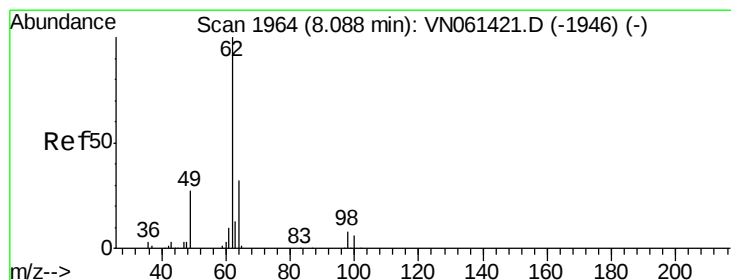
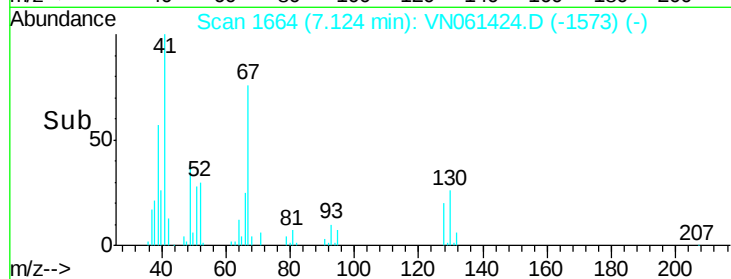
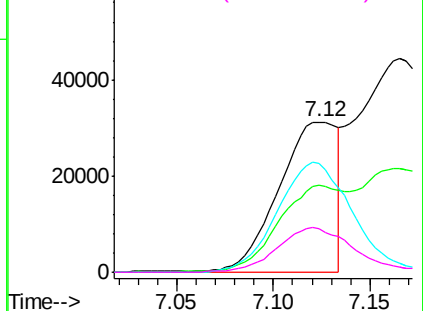
#41
Methacrylonitrile
Concen: 49.169 ug/l
RT: 7.12 min Scan# 1664
Delta R.T. -0.01 min
Lab File: VN061424.D
Acq: 15 May 2020 22:56

Instrument :
MSVOA_N
ClientSampleId :
ICVVN051620

Tot Ion:	41	Resp:	65828
Ion	Ratio	Lower	Upper
41	100		
39	62.6	42.2	63.4
67	94.8	64.7	97.1
52	39.4	27.4	41.2

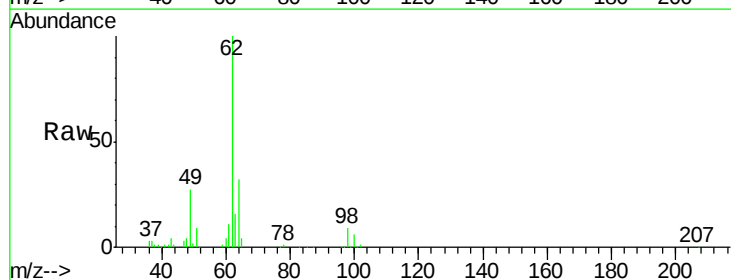


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

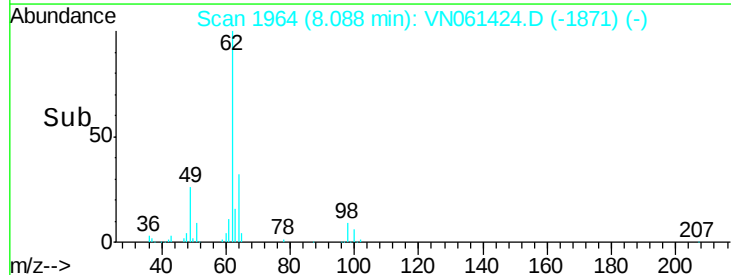
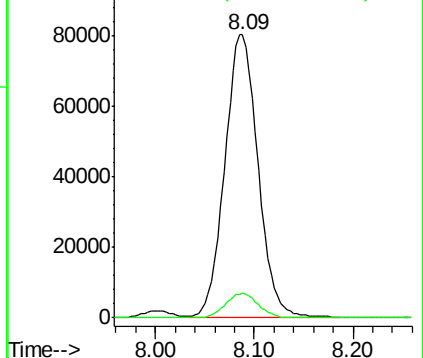


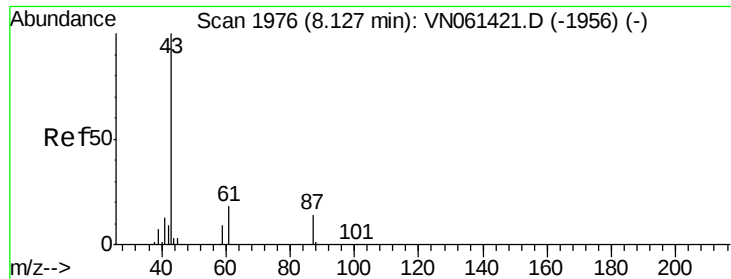
#42
1,2-Dichloroethane
Concen: 51.990 ug/l
RT: 8.09 min Scan# 1964
Delta R.T. 0.00 min
Lab File: VN061424.D
Acq: 15 May 2020 22:56

Tgt Ion:	62	Resp:	187898
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	17.0



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



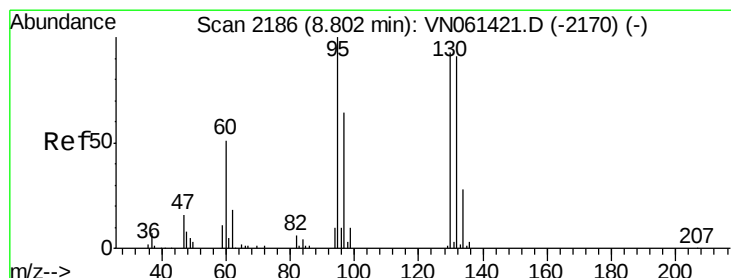
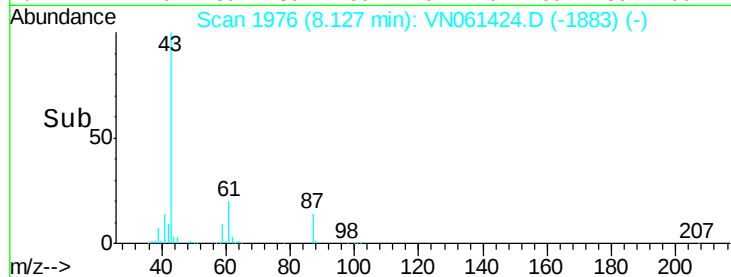
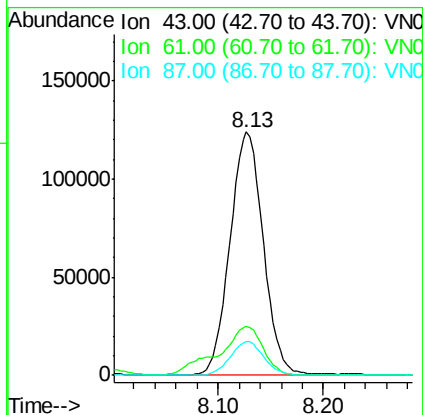
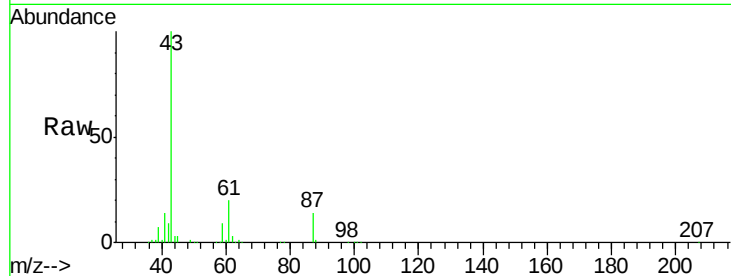


#43

Isopropyl Acetate
 Concen: 49.026 ug/l
 RT: 8.13 min Scan# 1976
 Delta R.T. 0.00 min
 Lab File: VN061424.D
 Acq: 15 May 2020 22:56

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN051620

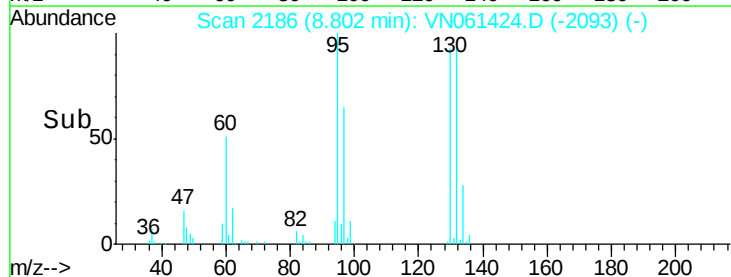
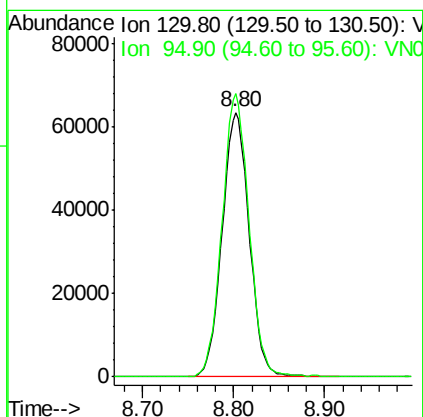
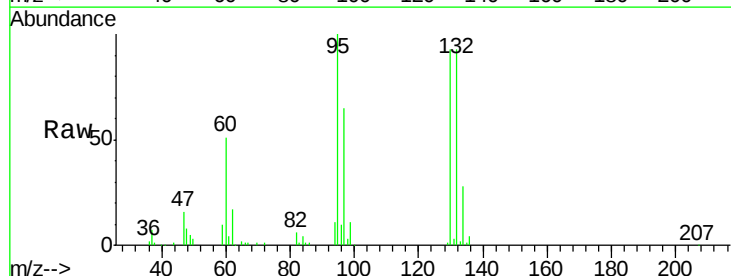
Tot Ion: 43 Resp: 269658
 Ion Ratio Lower Upper
 43 100
 61 27.3 21.3 31.9
 87 13.9 10.6 15.8

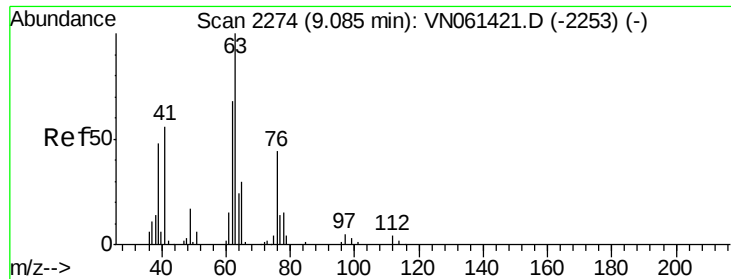


#44

Trichloroethene
 Concen: 50.810 ug/l
 RT: 8.80 min Scan# 2186
 Delta R.T. 0.00 min
 Lab File: VN061424.D
 Acq: 15 May 2020 22:56

Tgt Ion: 130 Resp: 131376
 Ion Ratio Lower Upper
 130 100
 95 107.1 0.0 214.8





#45

1,2-Dichloropropane

Concen: 50.668 ug/l

RT: 9.09 min Scan# 2274

Delta R.T. 0.00 min

Lab File: VN061424.D

Acq: 15 May 2020 22:56

Instrument :

MSVOA_N

ClientSampleId :

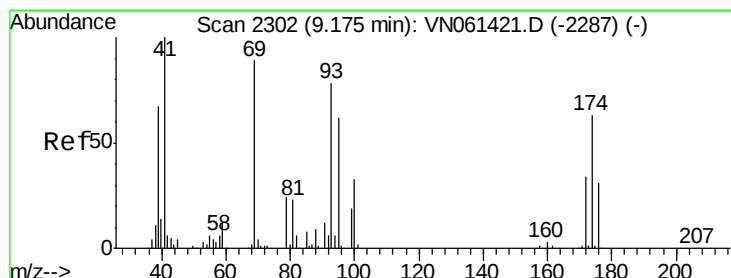
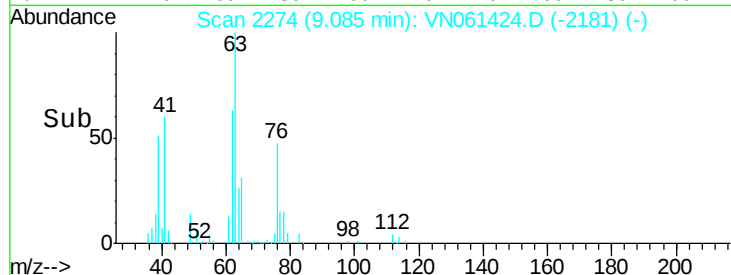
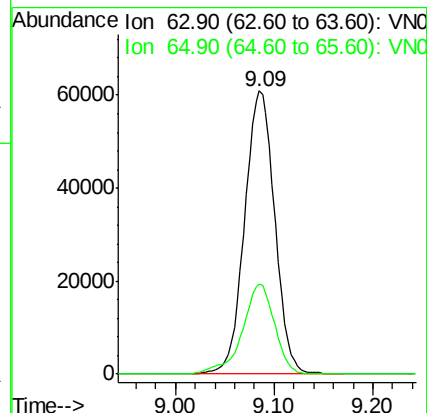
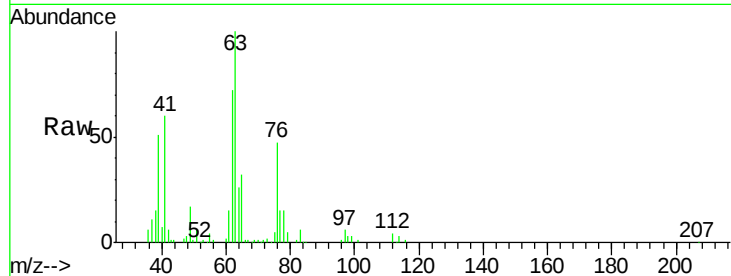
ICVVN051620

Tot Ion: 63 Resp: 128492

Ion Ratio Lower Upper

63 100

65 32.0 23.9 35.9



#46

Dibromomethane

Concen: 52.006 ug/l

RT: 9.18 min Scan# 2302

Delta R.T. 0.00 min

Lab File: VN061424.D

Acq: 15 May 2020 22:56

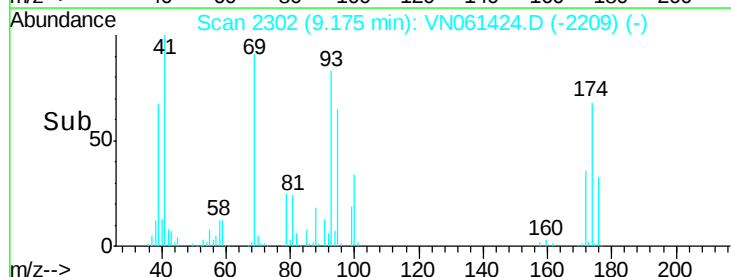
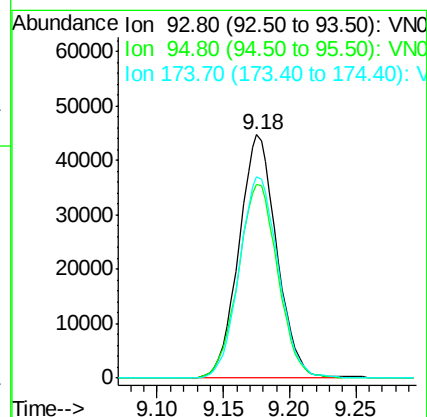
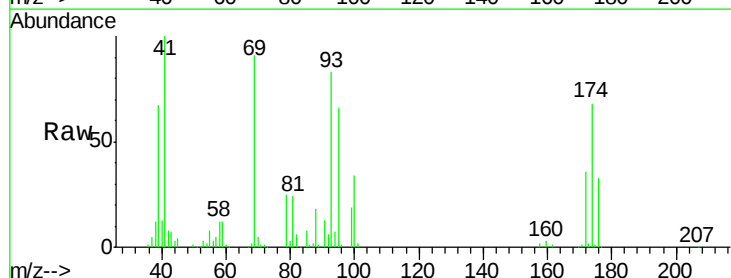
Tgt Ion: 93 Resp: 88379

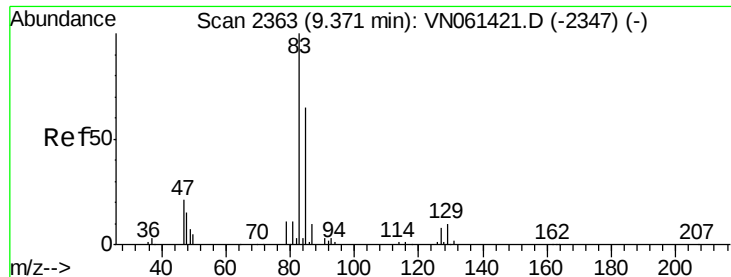
Ion Ratio Lower Upper

93 100

95 83.2 65.3 97.9

174 85.4 66.2 99.2





#47

Bromodichloromethane

Concen: 51.012 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. 0.00 min

Lab File: VN061424.D

Acq: 15 May 2020 22:56

Instrument :

MSVOA_N

ClientSampleId :

ICVVN051620

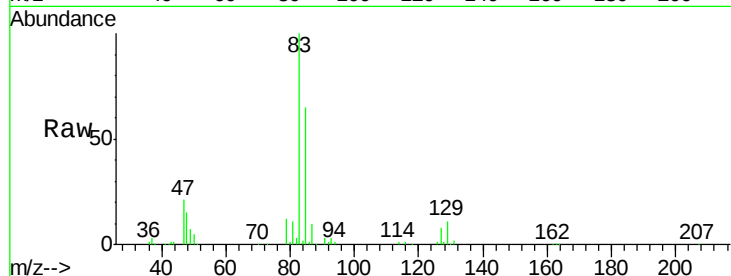
Tot Ion: 83 Resp: 187144

Ion Ratio Lower Upper

83 100

85 64.8 52.1 78.1

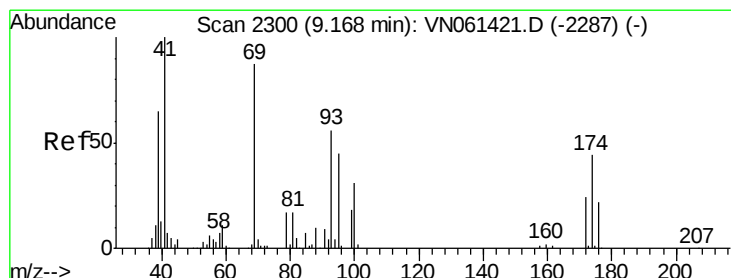
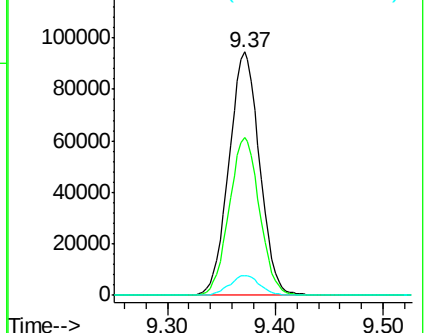
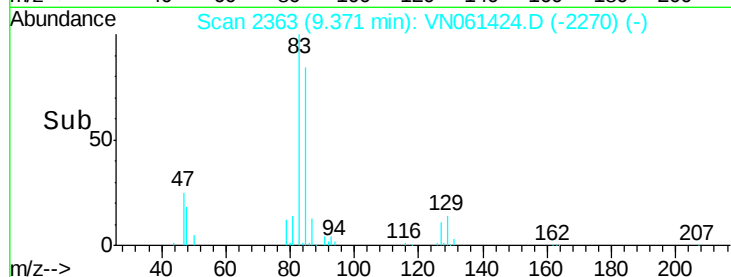
127 8.2 6.3 9.5



Abundance Ion 82.90 (82.60 to 83.60): VN061424.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN061424.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN061424.D (-2270) (-)



#48

Methyl methacrylate

Concen: 49.202 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN061424.D

Acq: 15 May 2020 22:56

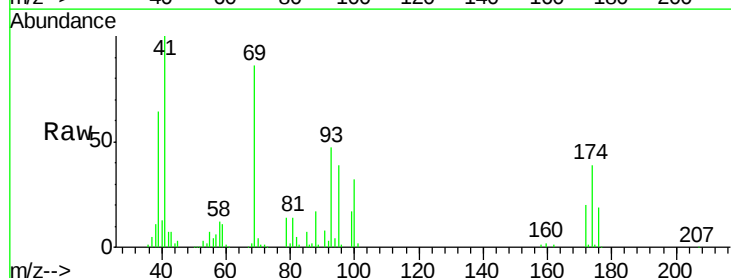
Tgt Ion: 41 Resp: 122518

Ion Ratio Lower Upper

41 100

69 91.0 71.1 106.7

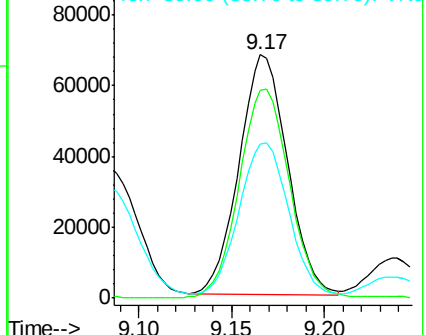
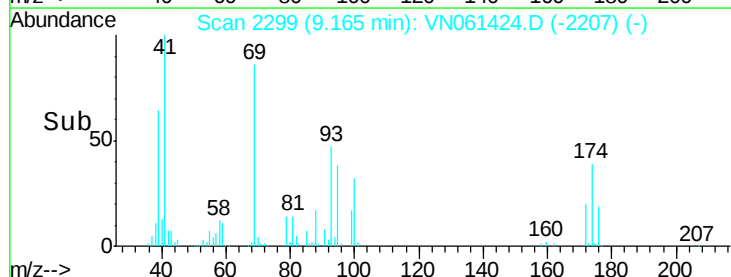
39 67.5 54.8 82.2

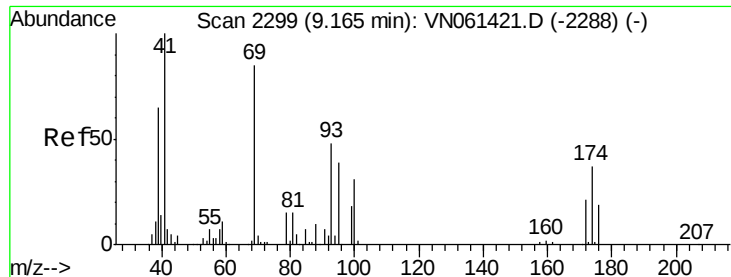


Abundance Ion 41.00 (40.70 to 41.70): VN061424.D (-2207) (-)

Ion 69.00 (68.70 to 69.70): VN061424.D (-2207) (-)

Ion 39.00 (38.70 to 39.70): VN061424.D (-2207) (-)

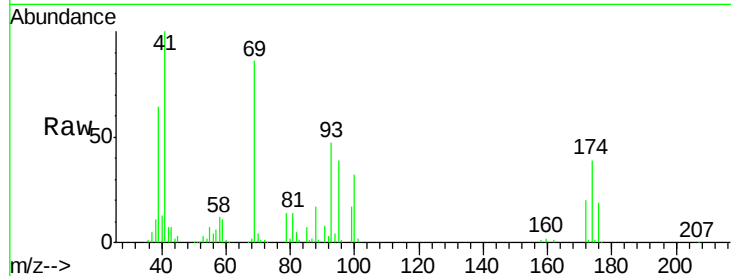




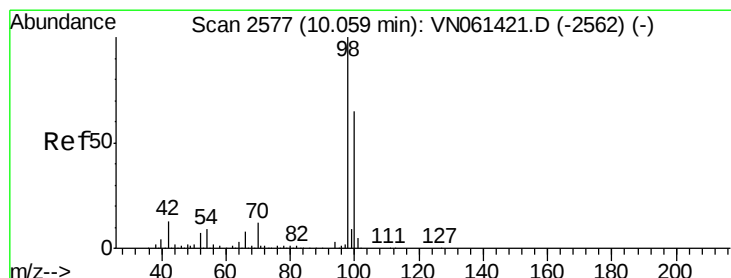
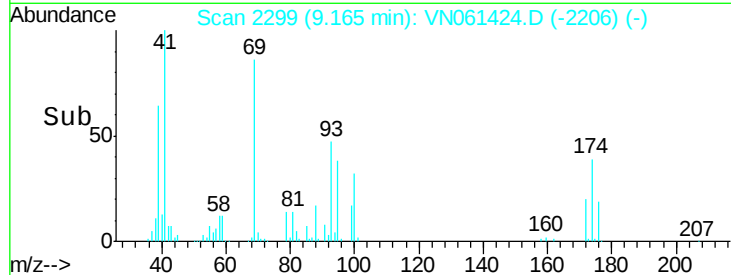
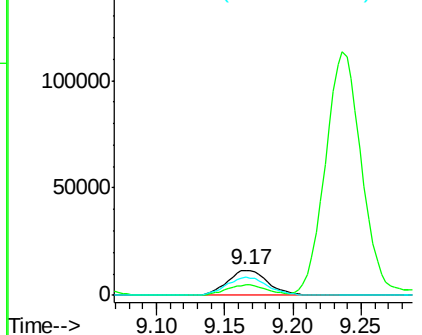
#49
 1,4-Dioxane
 Concen: 1804.642 ug/l
 RT: 9.17 min Scan# 2299
 Delta R.T. 0.00 min
 Lab File: VN061424.D
 Acq: 15 May 2020 22:56

Instrument :
 MSVOA_N
 ClientSampled :
 ICVVN051620

Tot Ion: 88 Resp: 24522
 Ion Ratio Lower Upper
 88 100
 43 36.3 38.9 58.3#
 58 71.1 55.5 83.3

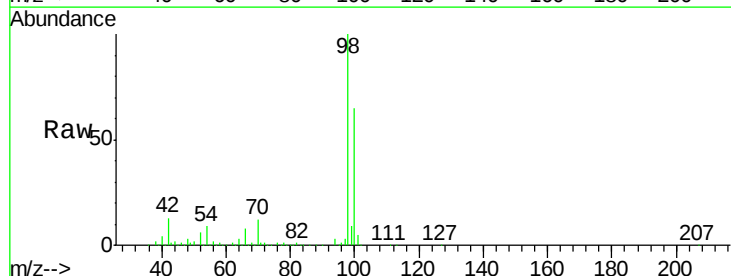


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

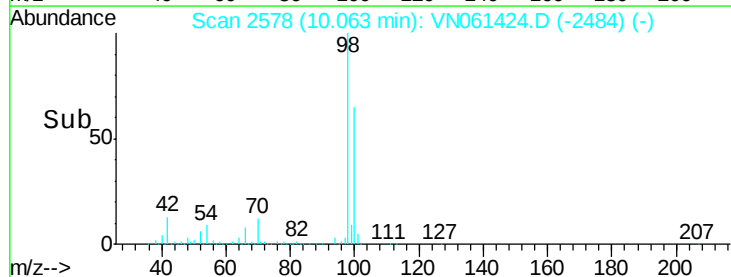
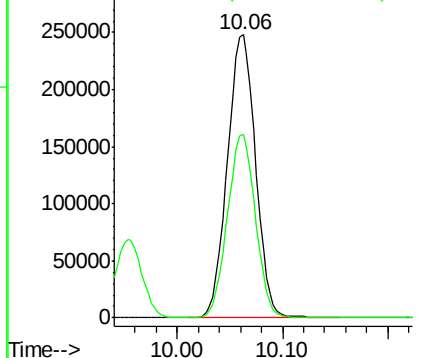


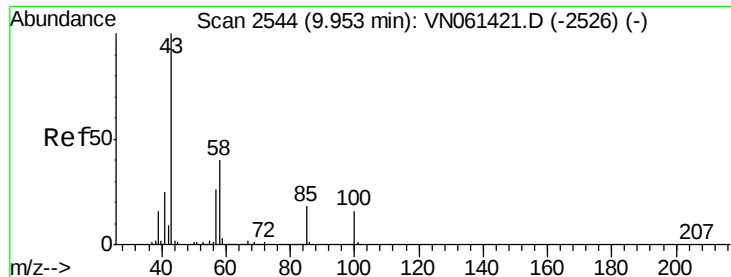
#50
 Toluene-d8
 Concen: 53.822 ug/l
 RT: 10.06 min Scan# 2578
 Delta R.T. 0.00 min
 Lab File: VN061424.D
 Acq: 15 May 2020 22:56

Tgt Ion: 98 Resp: 458789
 Ion Ratio Lower Upper
 98 100
 100 64.0 52.0 78.0



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: 252.544 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. 0.00 min

Lab File: VN061424.D

Acq: 15 May 2020 22:56

Instrument :

MSVOA_N

ClientSampleId :

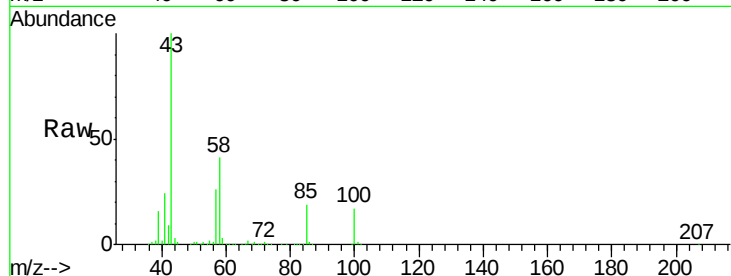
ICVVN051620

Tot Ion: 43 Resp: 745424

Ion Ratio Lower Upper

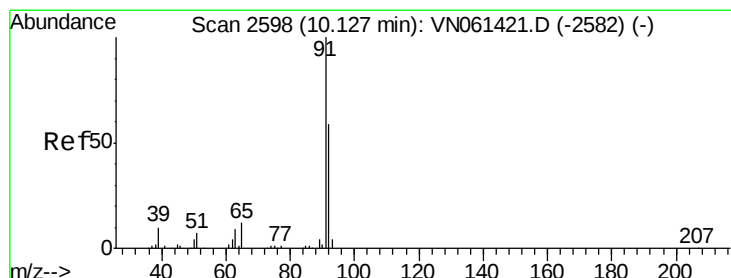
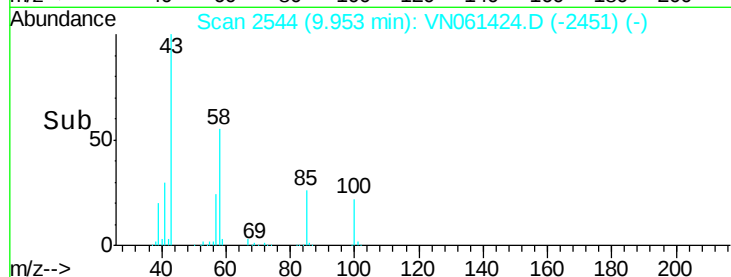
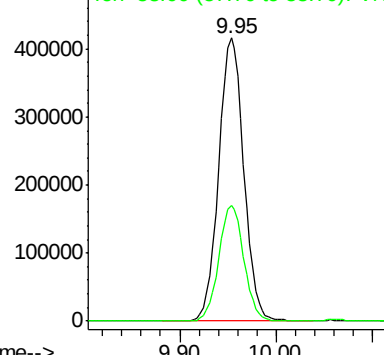
43 100

58 40.9 32.2 48.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 51.814 ug/l

RT: 10.13 min Scan# 2598

Delta R.T. 0.00 min

Lab File: VN061424.D

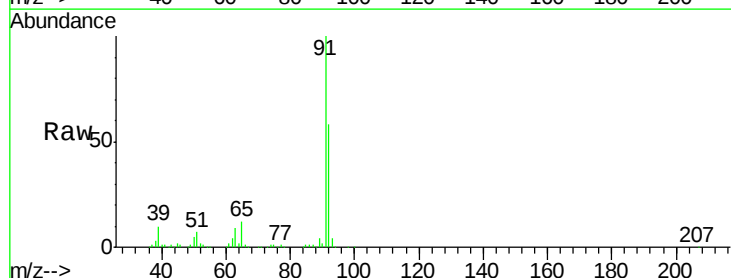
Acq: 15 May 2020 22:56

Tgt Ion: 92 Resp: 330054

Ion Ratio Lower Upper

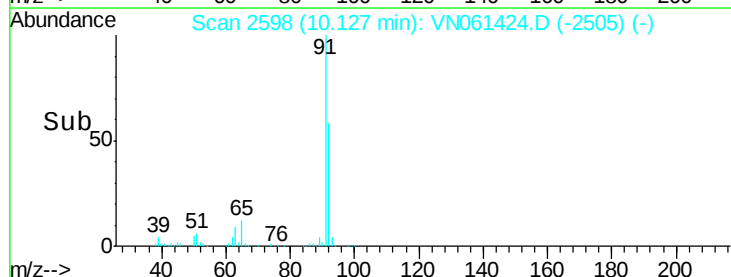
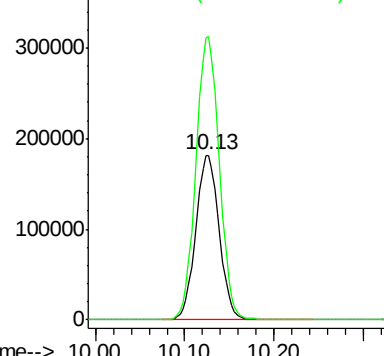
92 100

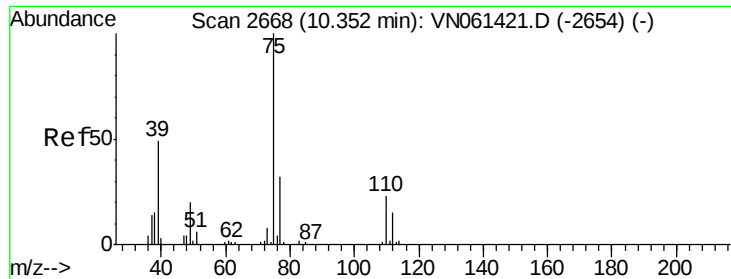
91 172.4 135.5 203.3



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





#53

t-1,3-Dichloropropene

Concen: 51.900 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. 0.00 min

Lab File: VN061424.D

Acq: 15 May 2020 22:56

Instrument :

MSVOA_N

ClientSampled :

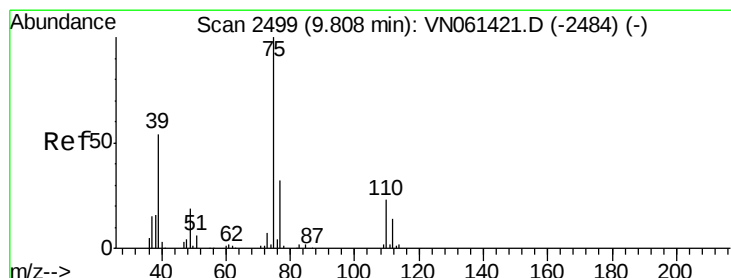
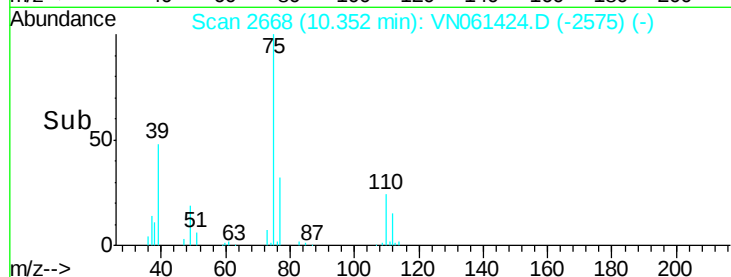
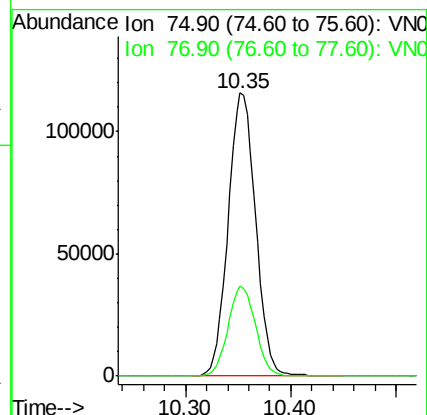
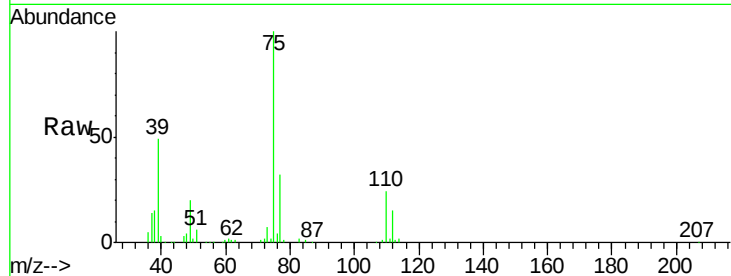
ICV051620

Tot Ion: 75 Resp: 208671

Ion Ratio Lower Upper

75 100

77 31.7 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 50.628 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. 0.00 min

Lab File: VN061424.D

Acq: 15 May 2020 22:56

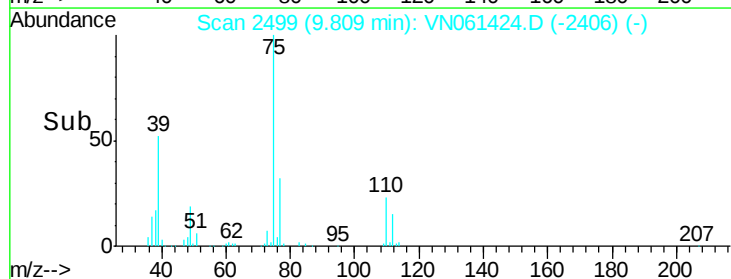
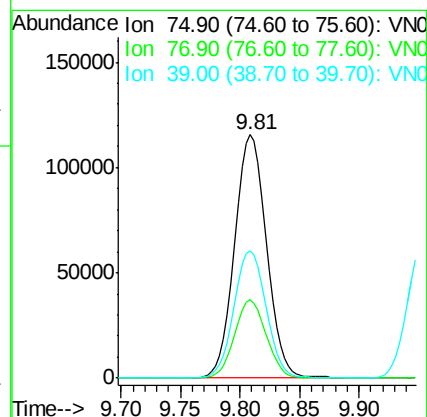
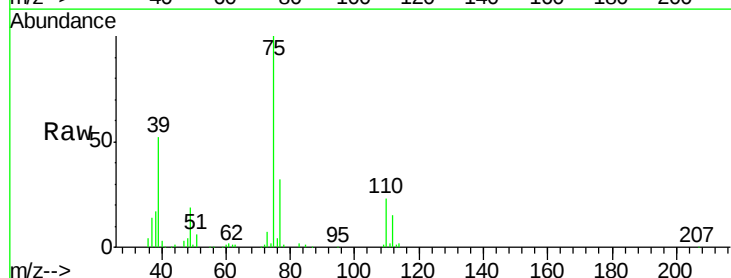
Tgt Ion: 75 Resp: 215007

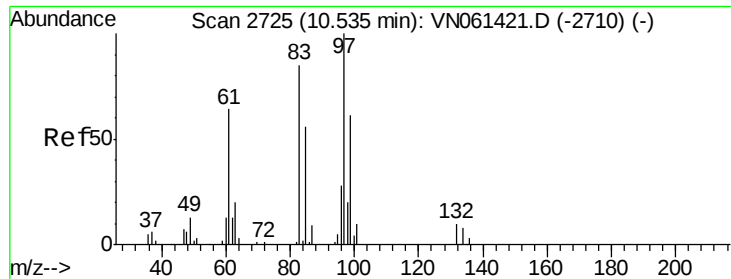
Ion Ratio Lower Upper

75 100

77 32.0 26.0 39.0

39 52.0 43.0 64.6

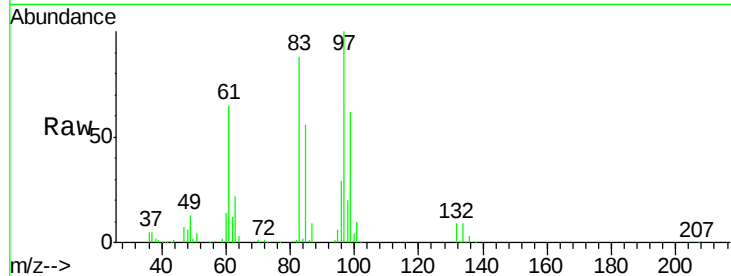




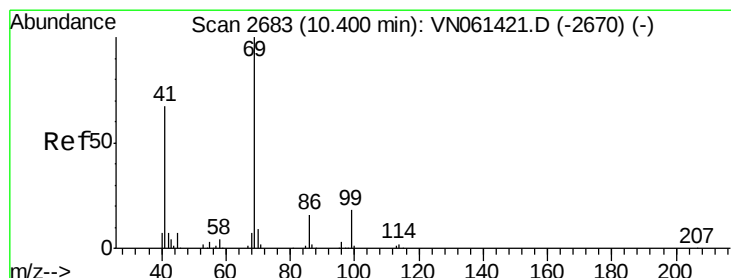
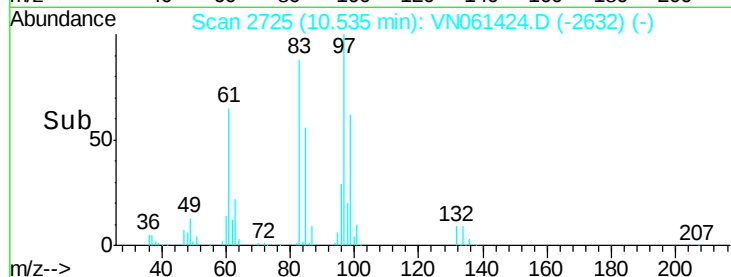
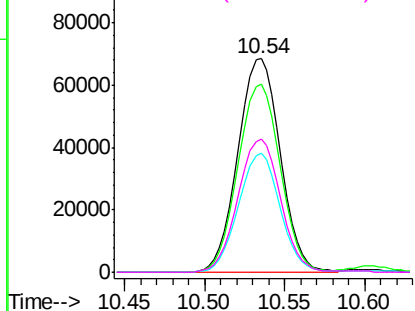
#55
 1,1,2-Trichloroethane
 Concen: 52.583 ug/l
 RT: 10.54 min Scan# 2725
 Delta R.T. 0.00 min
 Lab File: VN061424.D
 Acq: 15 May 2020 22:56

Instrument :
 MSVOA_N
 ClientSampled :
 ICVVN051620

Tot Ion: 97 Resp: 124181
 Ion Ratio Lower Upper
 97 100
 83 87.9 67.7 101.5
 85 55.6 44.6 66.8
 99 62.2 48.7 73.1

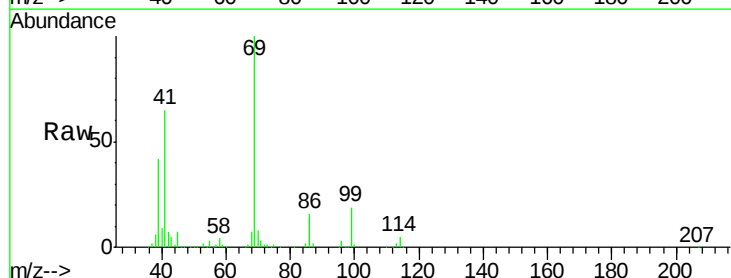


Abundance Ion 96.90 (96.60 to 97.60): VNO
 Ion 82.90 (82.60 to 83.60): VNO
 Ion 84.90 (84.60 to 85.60): VNO
 Ion 98.90 (98.60 to 99.60): VNO

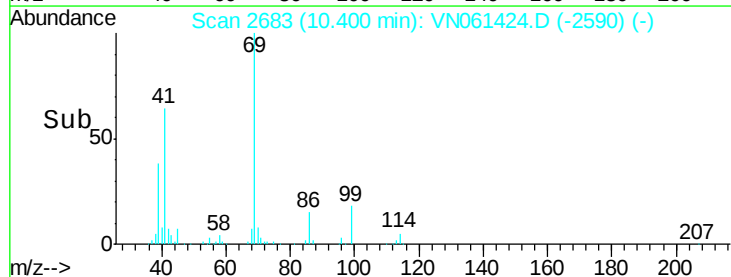
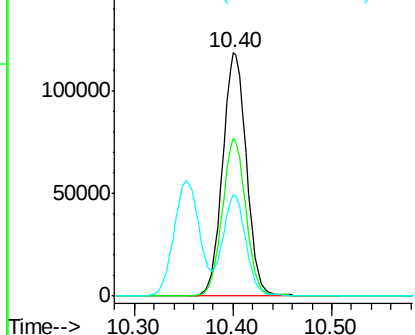


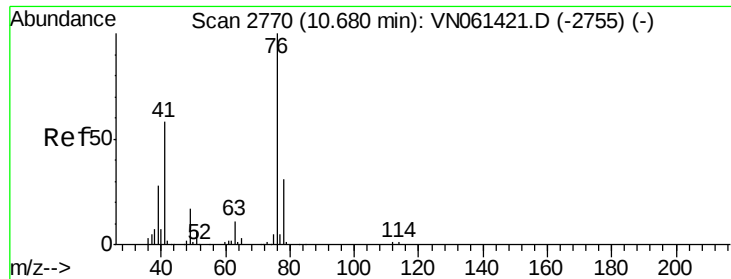
#56
 Ethyl methacrylate
 Concen: 51.942 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN061424.D
 Acq: 15 May 2020 22:56

Tgt Ion: 69 Resp: 201746
 Ion Ratio Lower Upper
 69 100
 41 62.8 51.6 77.4
 39 40.2 32.9 49.3



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





#57

1,3-Dichloropropane

Concen: 52.474 ug/l

RT: 10.68 min Scan# 2770

Delta R.T. 0.00 min

Lab File: VN061424.D

Acq: 15 May 2020 22:56

Instrument :

MSVOA_N

ClientSampled :

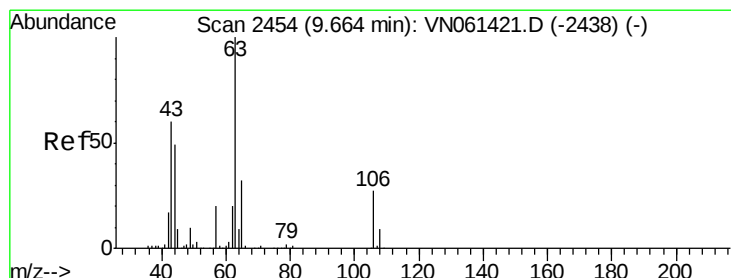
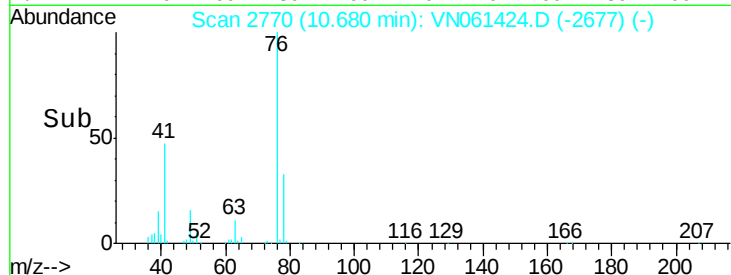
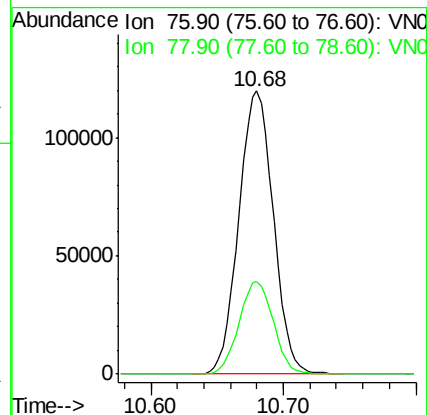
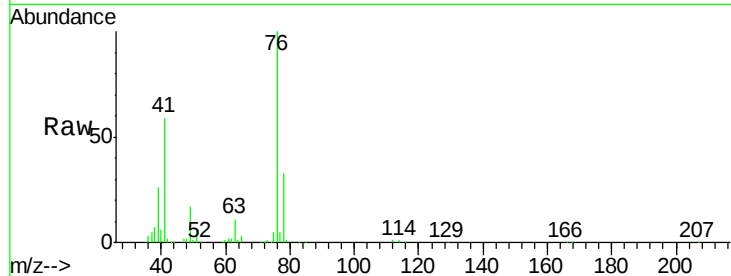
ICVVN051620

Tot Ion: 76 Resp: 216494

Ion Ratio Lower Upper

76 100

78 32.6 25.5 38.3



#58

2-Chloroethyl Vinyl ether

Concen: 262.911 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VN061424.D

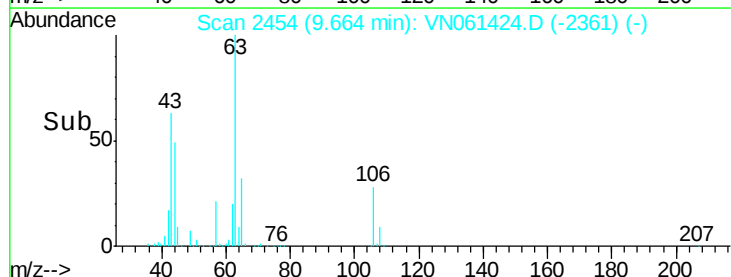
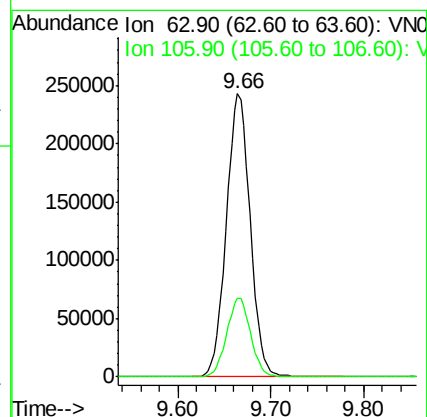
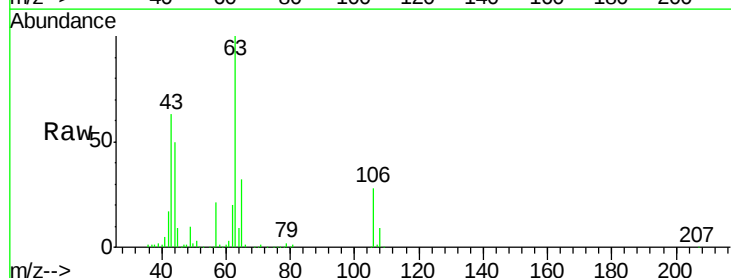
Acq: 15 May 2020 22:56

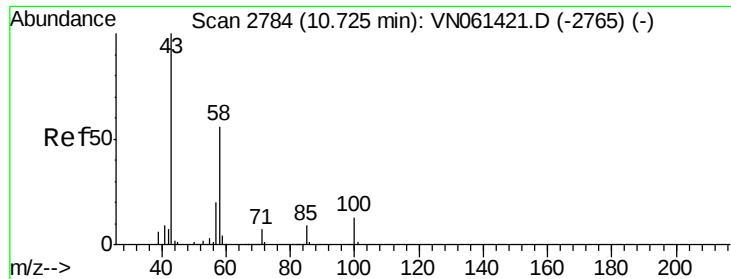
Tgt Ion: 63 Resp: 433016

Ion Ratio Lower Upper

63 100

106 27.8 21.7 32.5

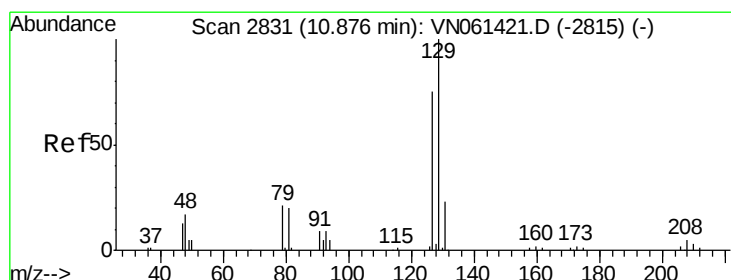
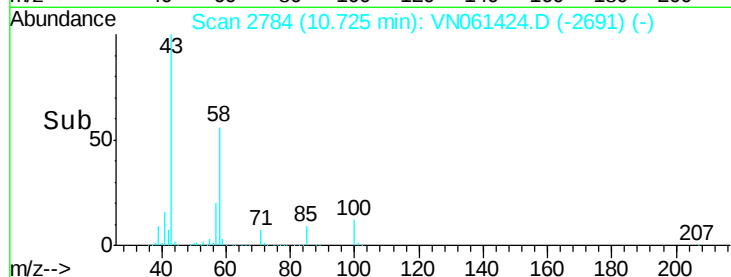
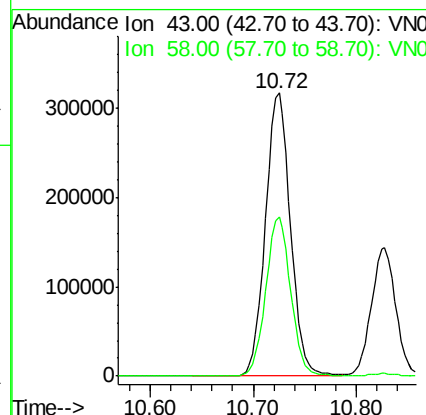
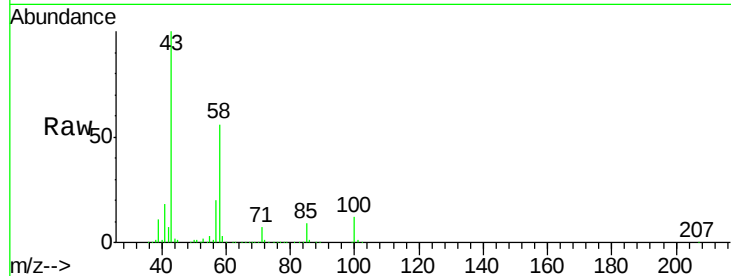




#59
2-Hexanone
Concen: 265.206 ug/l
RT: 10.72 min Scan# 2784
Delta R.T. 0.00 min
Lab File: VN061424.D
Acq: 15 May 2020 22:56

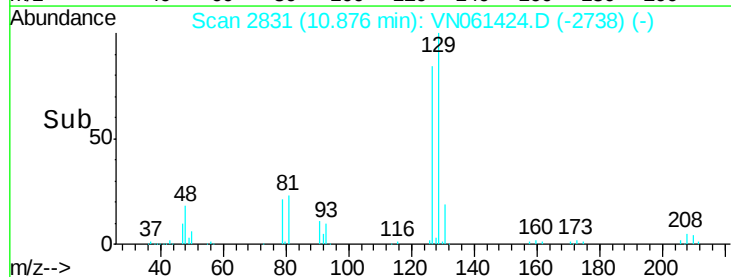
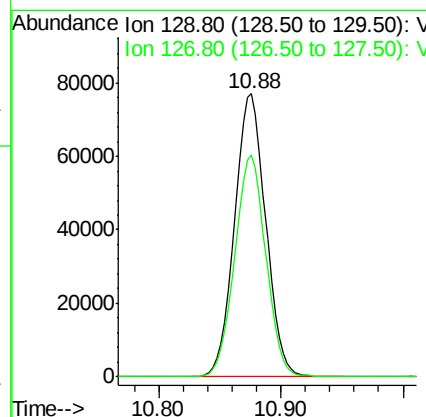
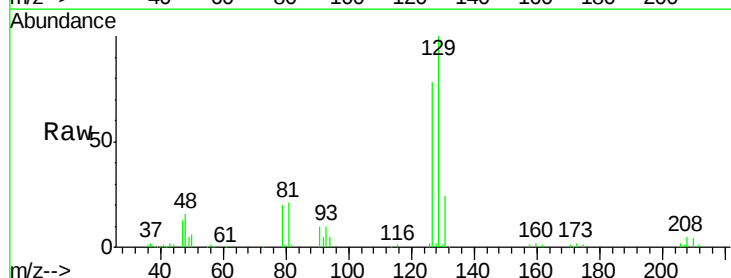
Instrument :
MSVOA_N
ClientSampleId :
ICVVN051620

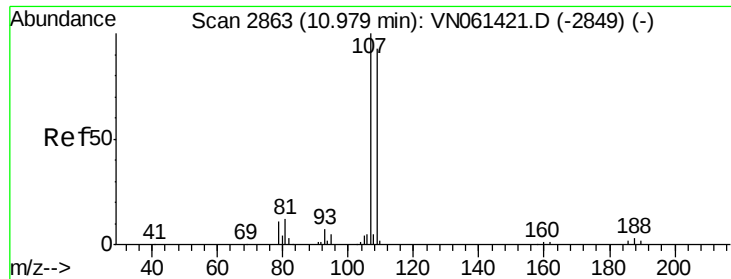
Tot Ion: 43 Resp: 532098
Ion Ratio Lower Upper
43 100
58 56.1 27.9 83.7



#60
Dibromochloromethane
Concen: 52.401 ug/l
RT: 10.88 min Scan# 2831
Delta R.T. 0.00 min
Lab File: VN061424.D
Acq: 15 May 2020 22:56

Tgt Ion: 129 Resp: 137007
Ion Ratio Lower Upper
129 100
127 78.2 38.5 115.3

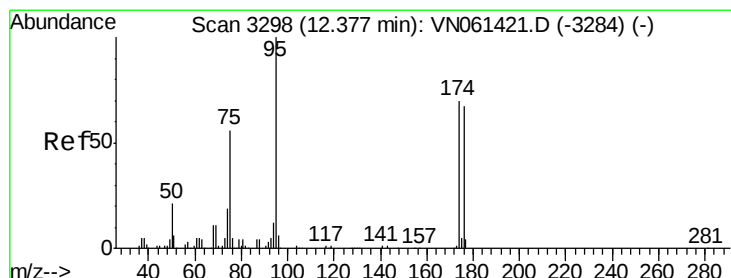
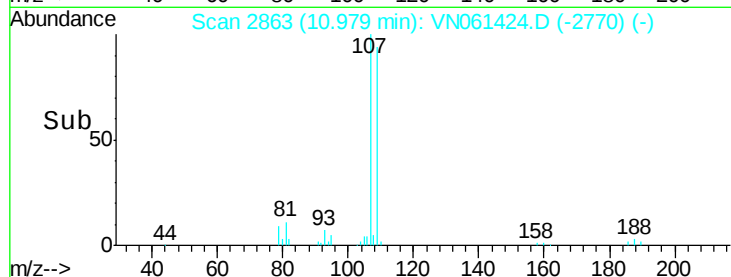
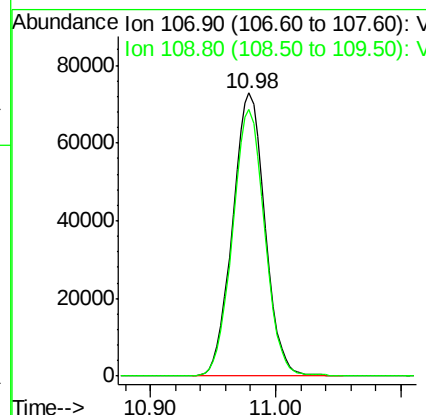
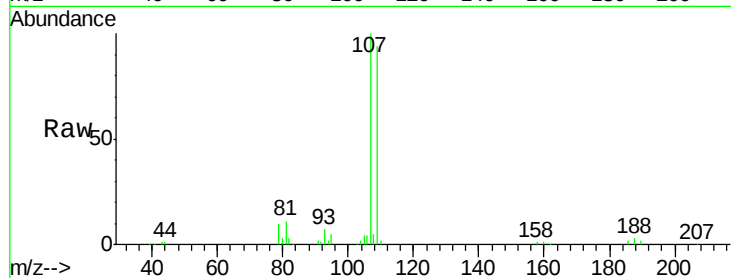




#61
 1,2-Dibromoethane
 Concen: 52.617 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN061424.D
 Acq: 15 May 2020 22:56

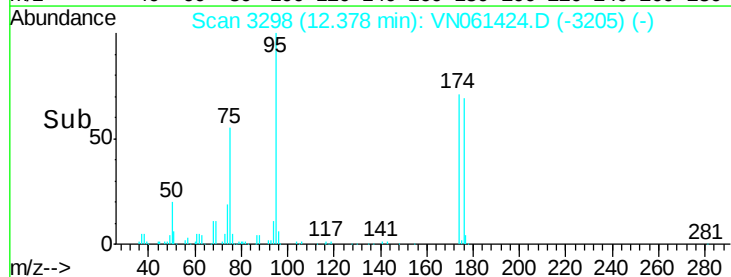
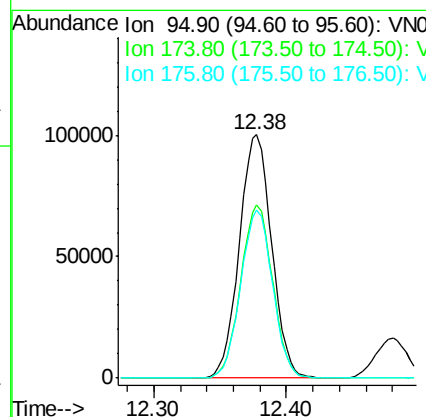
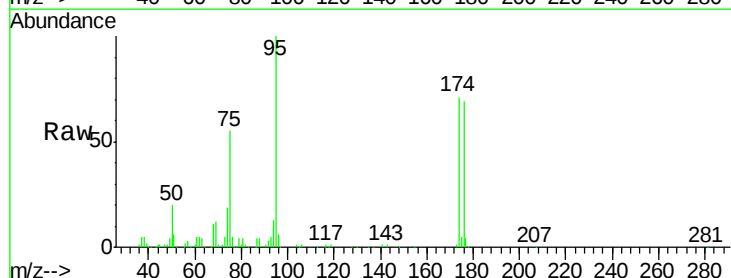
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN051620

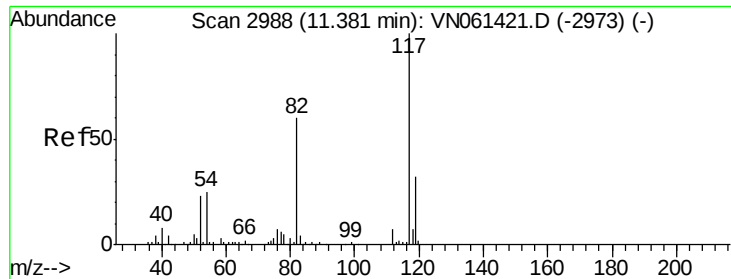
Tot Ion:107 Resp: 130565
 Ion Ratio Lower Upper
 107 100
 109 93.5 74.5 111.7



#62
 4-Bromofluorobenzene
 Concen: 54.075 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VN061424.D
 Acq: 15 May 2020 22:56

Tgt Ion: 95 Resp: 169890
 Ion Ratio Lower Upper
 95 100
 174 70.2 0.0 140.4
 176 68.1 0.0 134.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. 0.00 min

Lab File: VN061424.D

Acq: 15 May 2020 22:56

Instrument :

MSVOA_N

ClientSampleId :

ICVVN051620

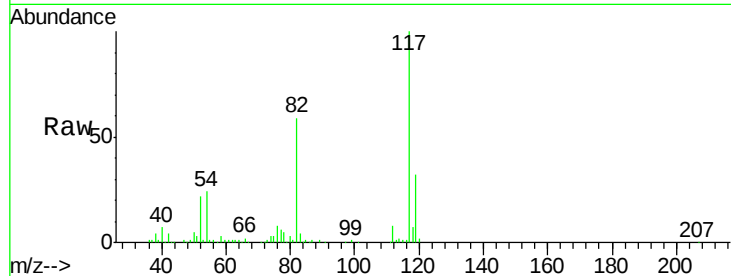
Tot Ion:117 Resp: 321215

Ion Ratio Lower Upper

117 100

82 58.7 47.7 71.5

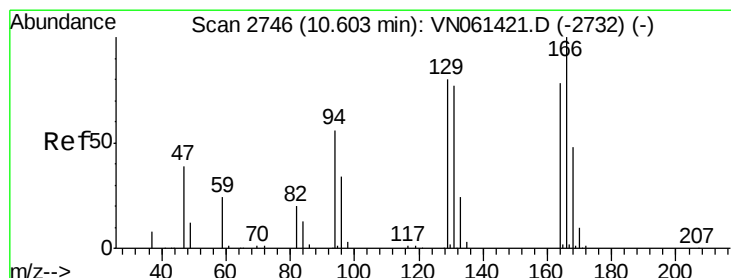
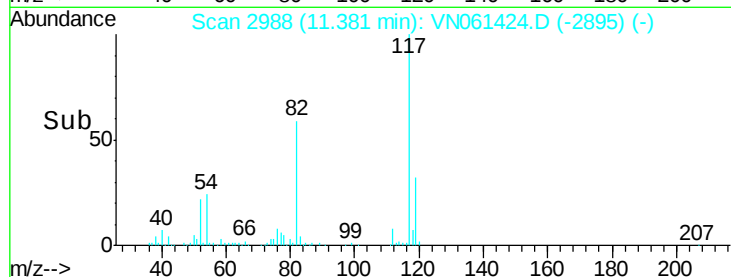
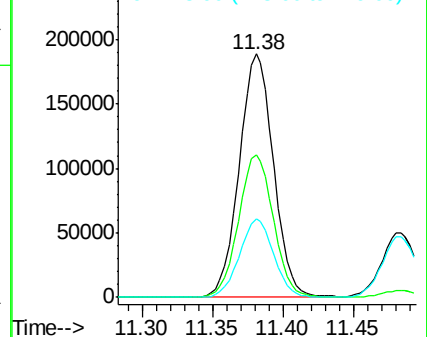
119 32.0 25.3 37.9



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: 50.839 ug/l

RT: 10.60 min Scan# 2746

Delta R.T. 0.00 min

Lab File: VN061424.D

Acq: 15 May 2020 22:56

Tgt Ion:164 Resp: 127383

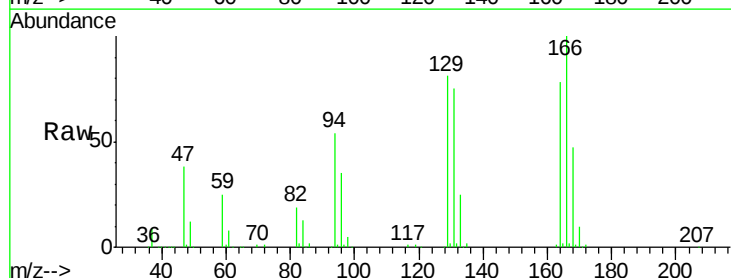
Ion Ratio Lower Upper

164 100

166 127.5 102.6 154.0

129 102.6 81.9 122.9

131 95.9 79.4 119.0

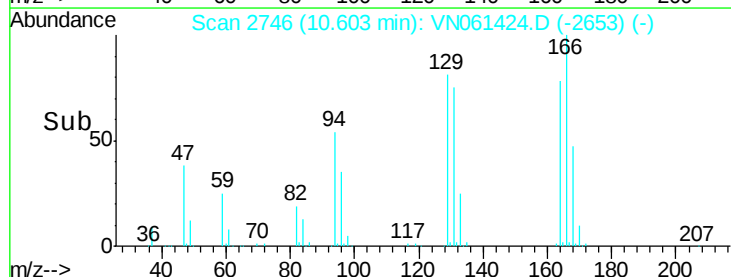
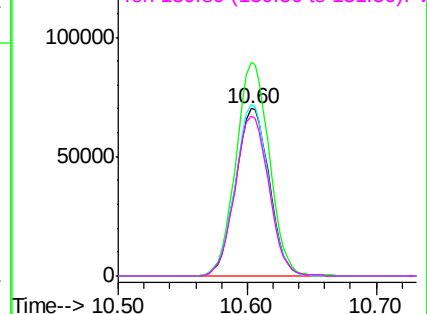


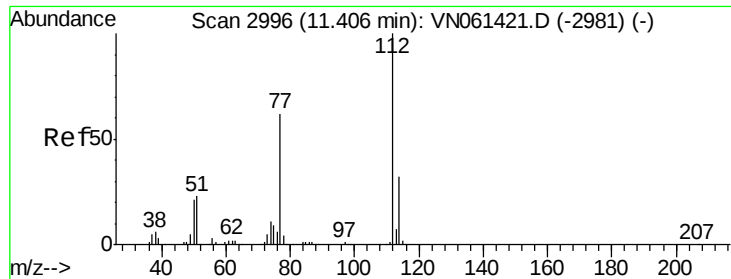
Abundance Ion 163.80 (163.50 to 164.50): V

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

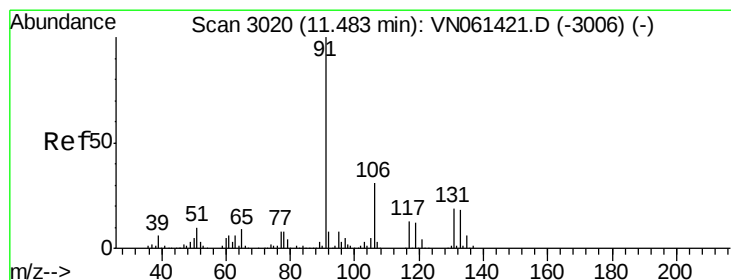
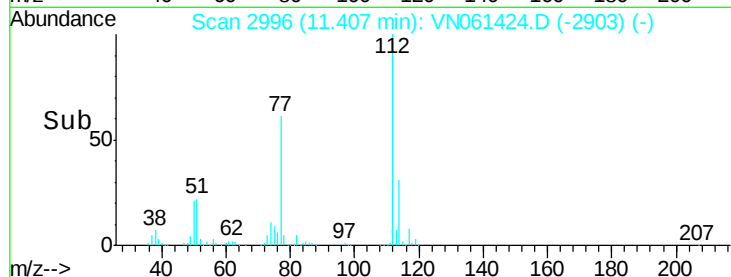
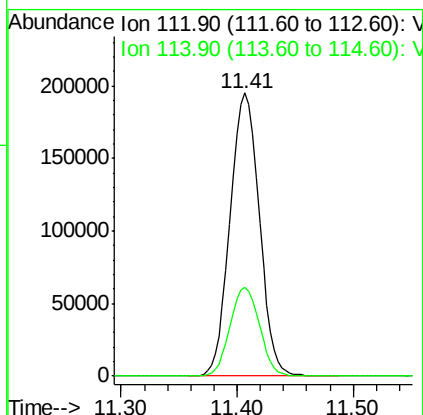
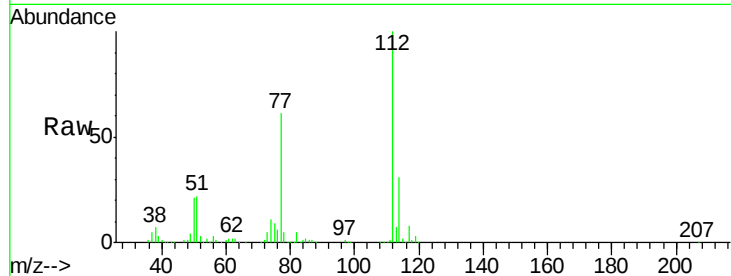




#65
Chlorobenzene
Concen: 51.354 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN061424.D
Acq: 15 May 2020 22:56

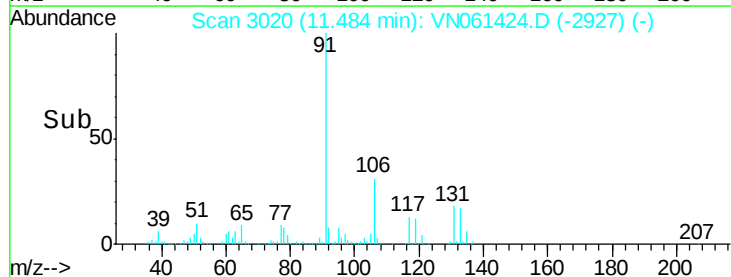
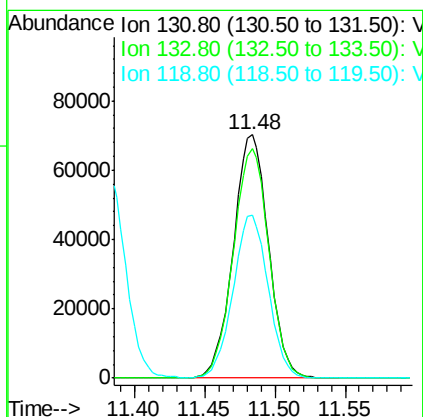
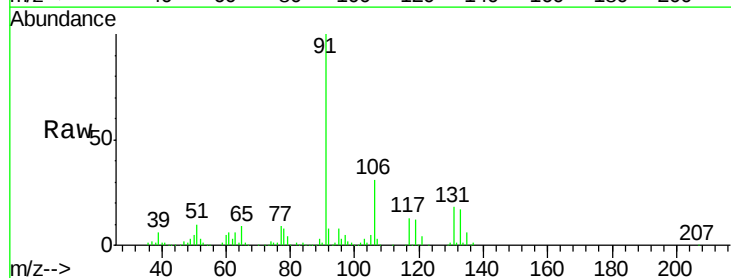
Instrument :
MSVOA_N
ClientSampleId :
ICVVN051620

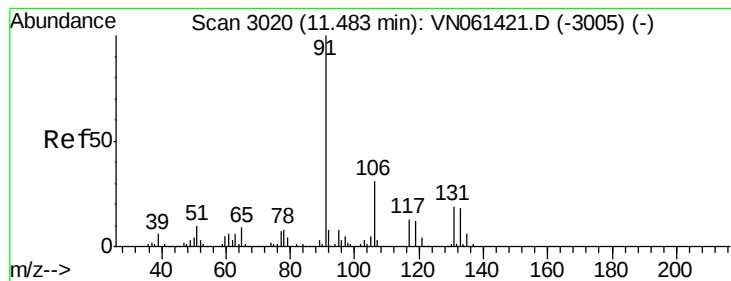
Tot Ion:112 Resp: 340771
Ion Ratio Lower Upper
112 100
114 31.4 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 52.177 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN061424.D
Acq: 15 May 2020 22:56

Tgt Ion:131 Resp: 122511
Ion Ratio Lower Upper
131 100
133 95.7 47.5 142.5
119 67.1 33.0 98.9





#67

Ethyl Benzene

Concen: 51.760 ug/l

RT: 11.49 min Scan# 3021

Delta R.T. 0.00 min

Lab File: VN061424.D

Acq: 15 May 2020 22:56

Instrument :

MSVOA_N

ClientSampled :

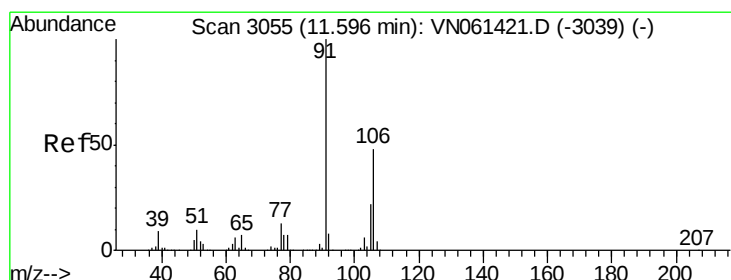
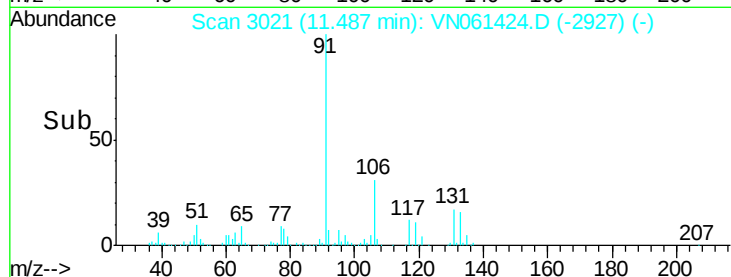
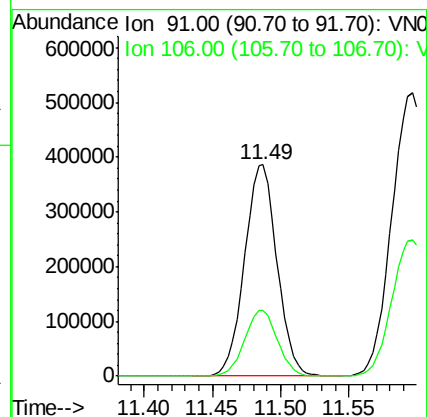
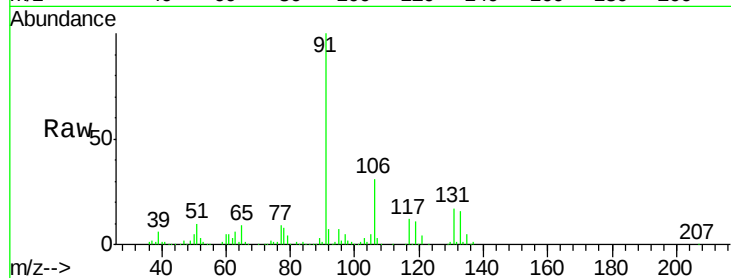
ICVVN051620

Tot Ion: 91 Resp: 638377

Ion Ratio Lower Upper

91 100

106 31.0 24.8 37.2



#68

m/p-Xylenes

Concen: 104.480 ug/l

RT: 11.60 min Scan# 3055

Delta R.T. 0.00 min

Lab File: VN061424.D

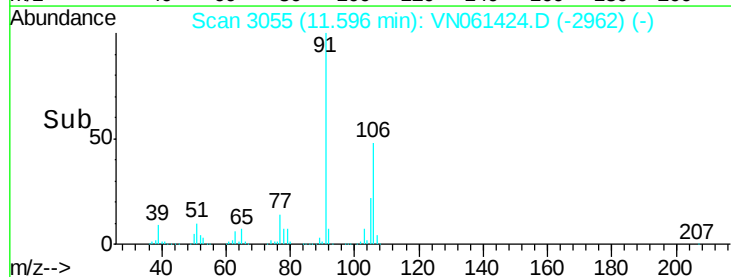
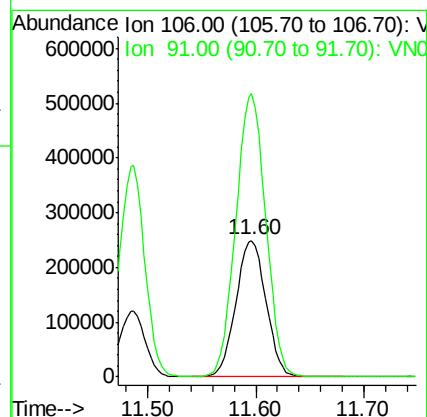
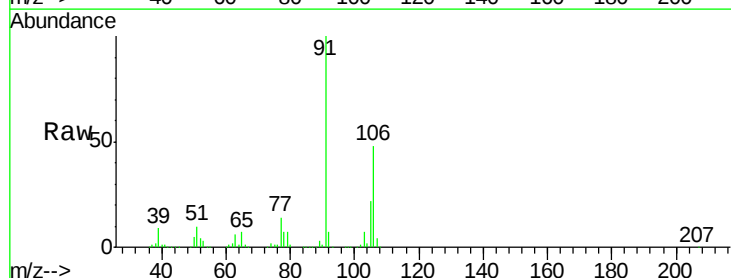
Acq: 15 May 2020 22:56

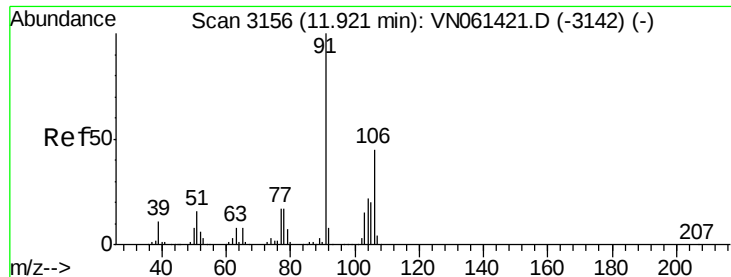
Tgt Ion: 106 Resp: 482879

Ion Ratio Lower Upper

106 100

91 206.9 167.4 251.2

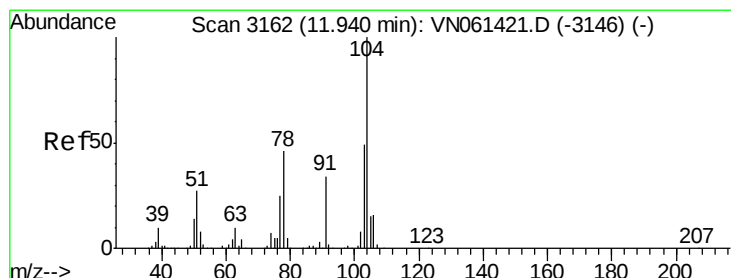
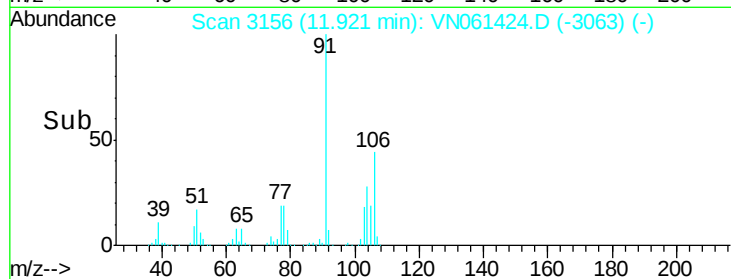
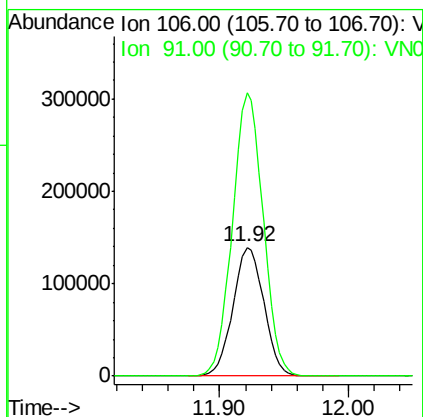
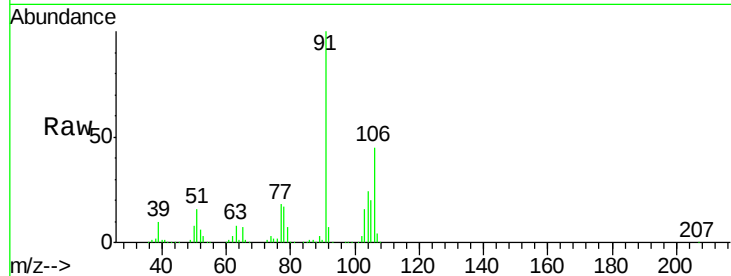




#69
o-Xylene
Concen: 51.825 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN061424.D
Acq: 15 May 2020 22:56

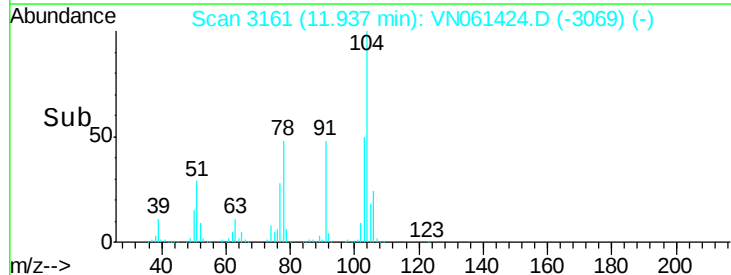
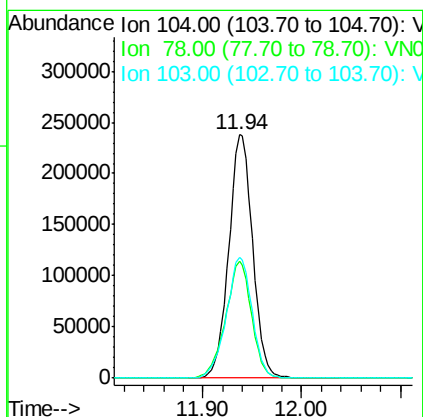
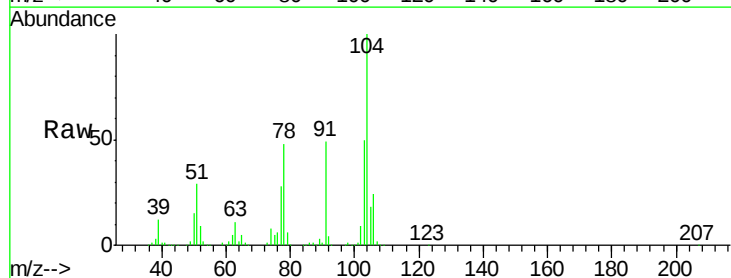
Instrument :
MSVOA_N
ClientSampleId :
ICVVN051620

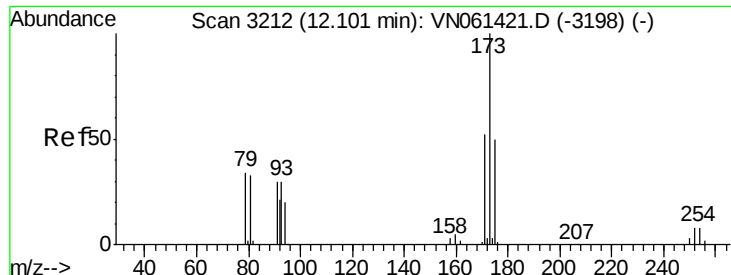
Tot Ion:106 Resp: 232290
Ion Ratio Lower Upper
106 100
91 218.7 109.7 329.2



#70
Styrene
Concen: 53.330 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN061424.D
Acq: 15 May 2020 22:56

Tgt Ion:104 Resp: 402722
Ion Ratio Lower Upper
104 100
78 52.0 41.8 62.8
103 53.7 42.9 64.3





#71

Bromoform

Concen: 54.584 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. 0.00 min

Lab File: VN061424.D

Acq: 15 May 2020 22:56

Instrument :

MSVOA_N

ClientSampleId :

ICVVN051620

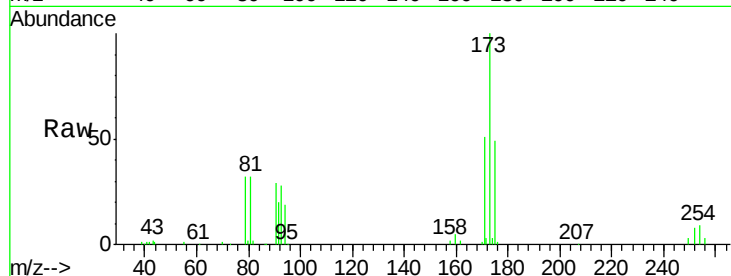
Tot Ion:173 Resp: 89505

Ion Ratio Lower Upper

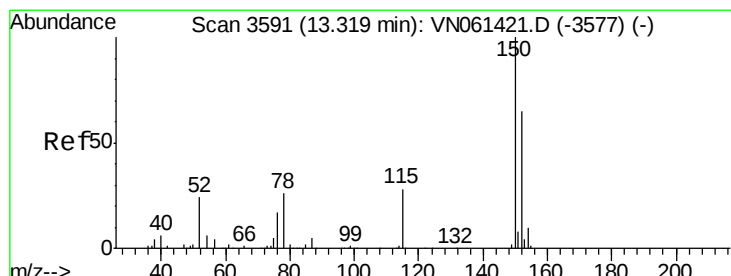
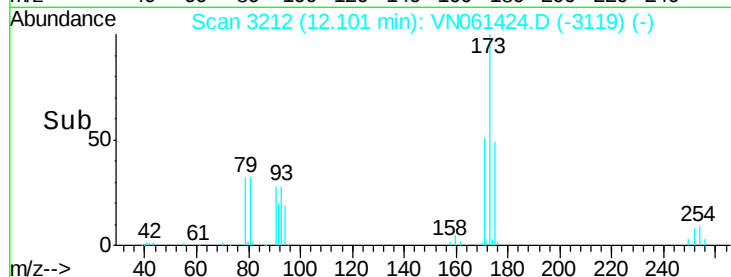
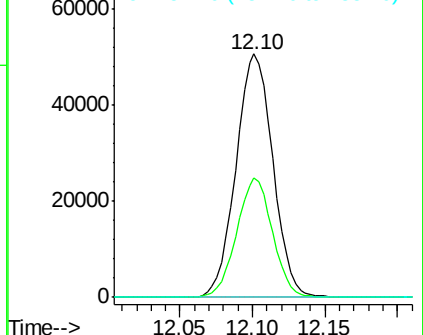
173 100

175 47.6 24.1 72.4

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: VN061424.D

Acq: 15 May 2020 22:56

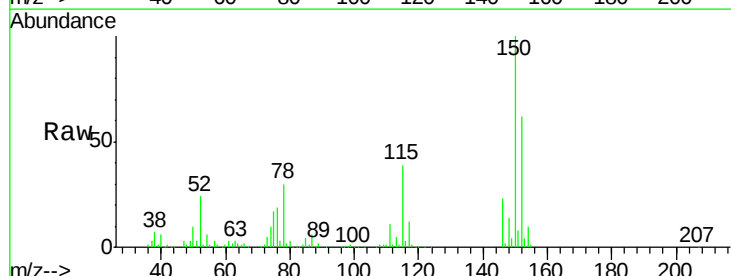
Tgt Ion:152 Resp: 151530

Ion Ratio Lower Upper

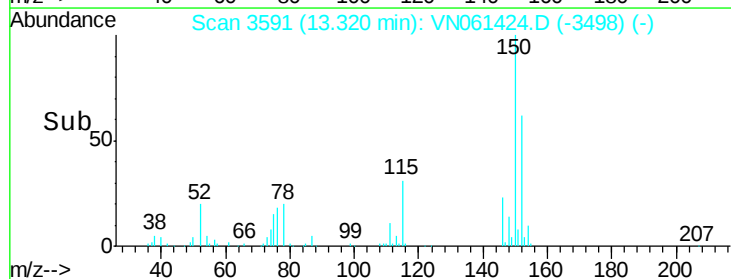
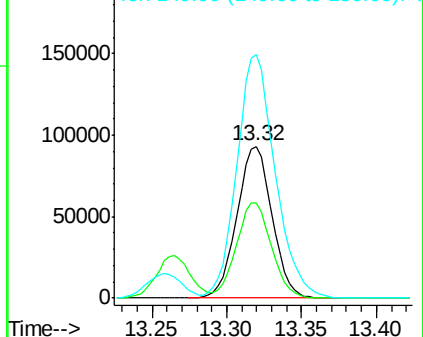
152 100

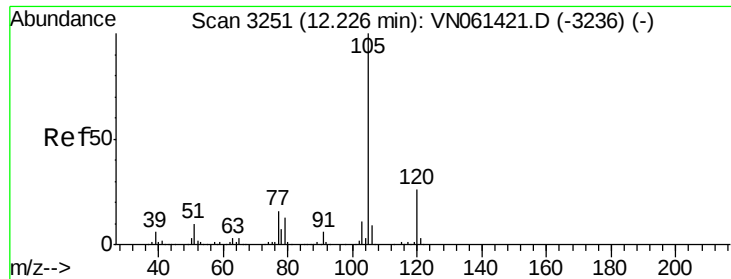
115 63.0 30.9 92.7

150 175.8 0.0 344.4



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

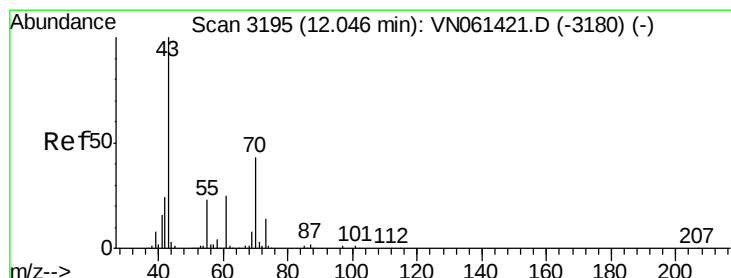
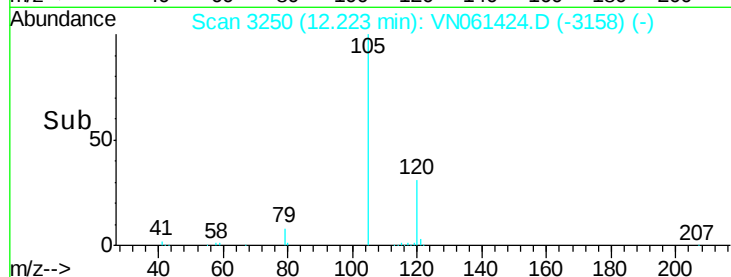
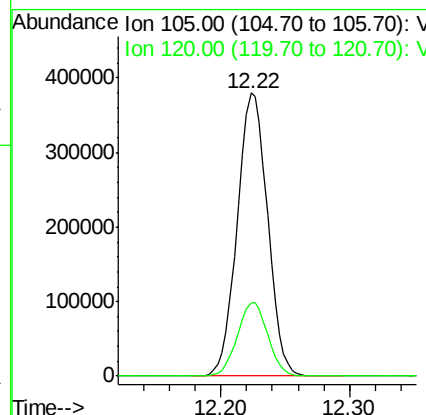
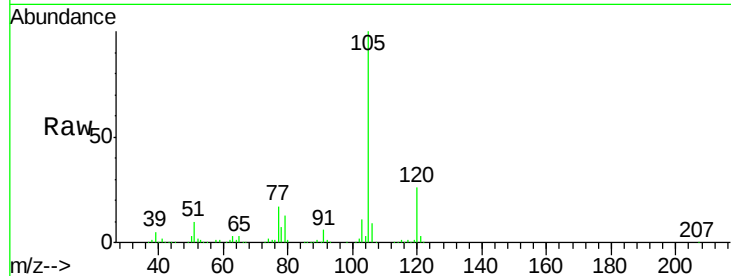




#73
Isopropylbenzene
Concen: 50.707 ug/l
RT: 12.22 min Scan# 3250
Delta R.T. -0.00 min
Lab File: VN061424.D
Acq: 15 May 2020 22:56

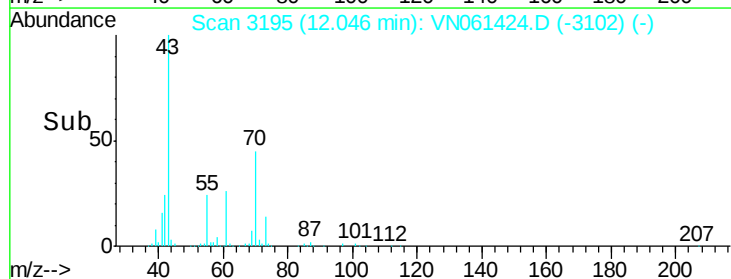
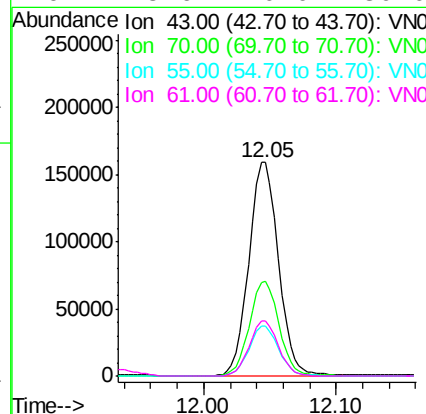
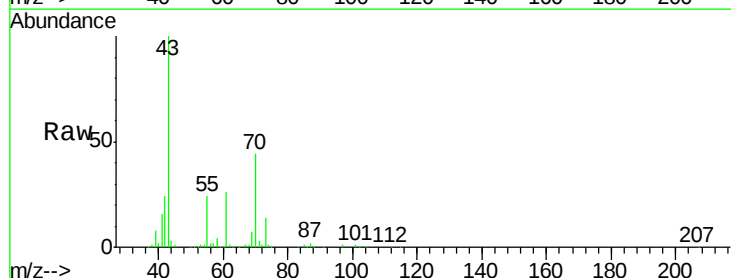
Instrument :
MSVOA_N
ClientSampleId :
ICVVN051620

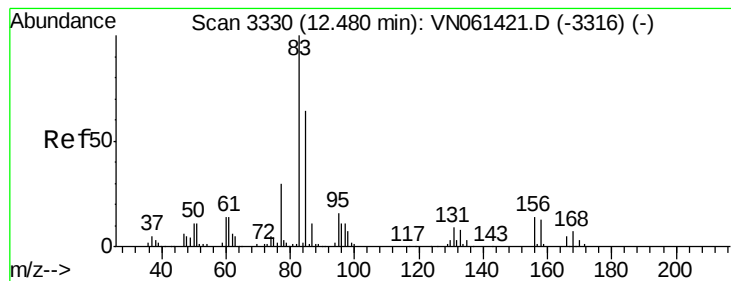
Tot Ion:105 Resp: 621340
Ion Ratio Lower Upper
105 100
120 26.0 13.1 39.1



#74
N-ethyl acetate
Concen: 50.825 ug/l
RT: 12.05 min Scan# 3195
Delta R.T. 0.00 min
Lab File: VN061424.D
Acq: 15 May 2020 22:56

Tgt Ion: 43 Resp: 246908
Ion Ratio Lower Upper
43 100
70 44.6 34.8 52.2
55 23.8 19.0 28.6
61 25.6 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.098 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN061424.D

Acq: 15 May 2020 22:56

Instrument :

MSVOA_N

ClientSampled :

ICVVN051620

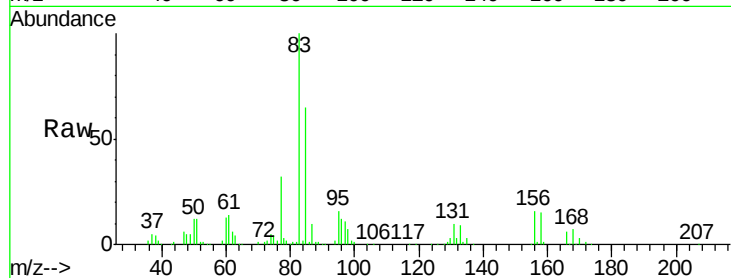
Tot Ion: 83 Resp: 171372

Ion Ratio Lower Upper

83 100

131 9.5 4.8 14.4

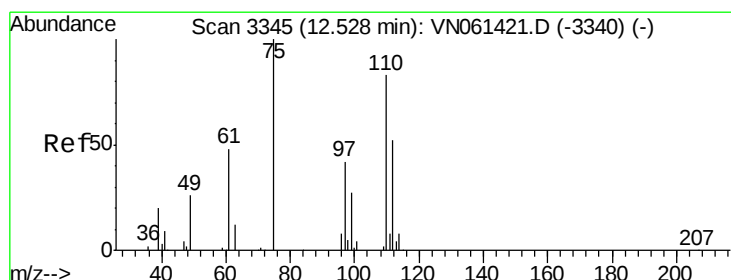
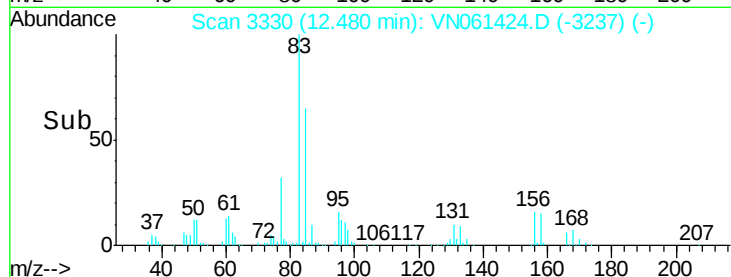
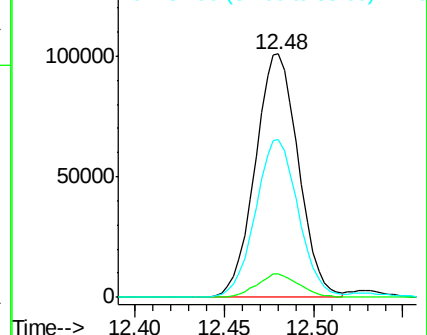
85 64.1 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 48.702 ug/l m

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN061424.D

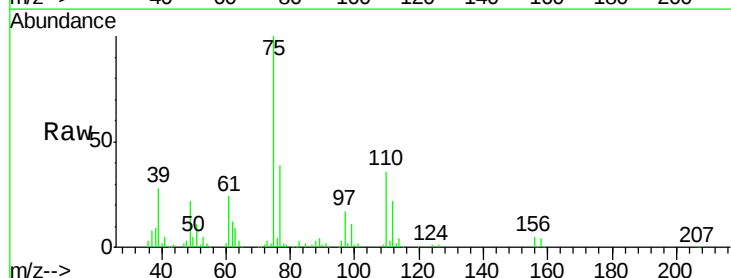
Acq: 15 May 2020 22:56

Tgt Ion: 75 Resp: 154264

Ion Ratio Lower Upper

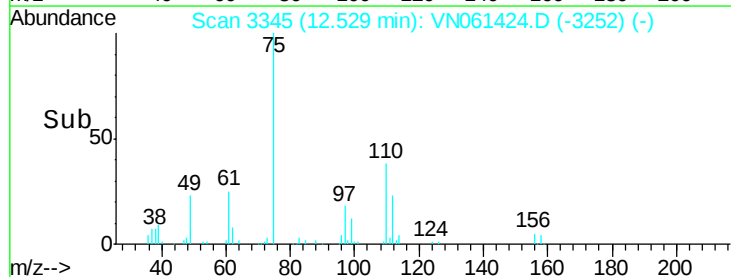
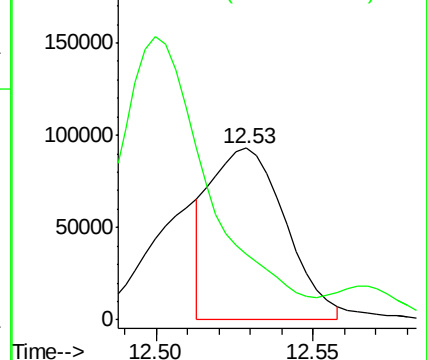
75 100

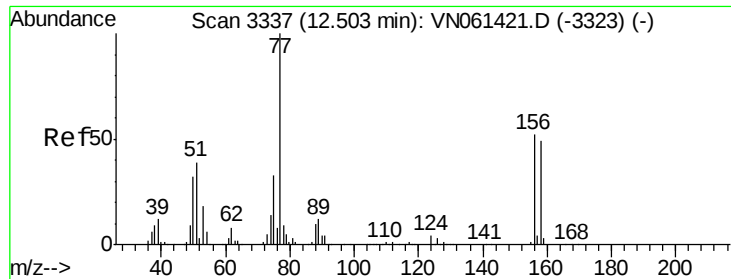
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 50.560 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN061424.D

Acq: 15 May 2020 22:56

Instrument :

MSVOA_N

ClientSampleId :

ICVVN051620

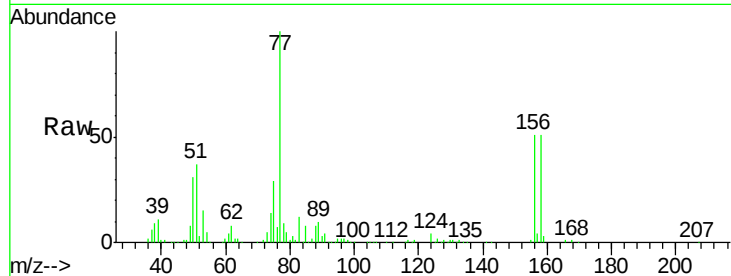
Tot Ion:156 Resp: 135352

Ion Ratio Lower Upper

156 100

77 230.6 115.8 347.3

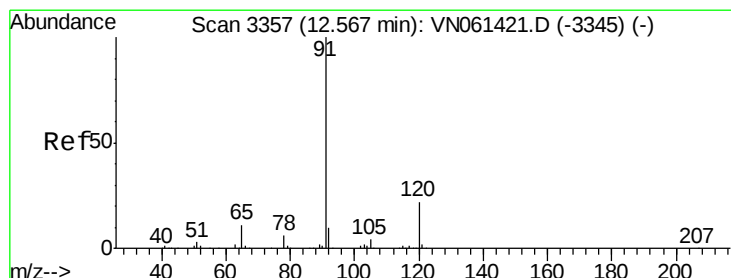
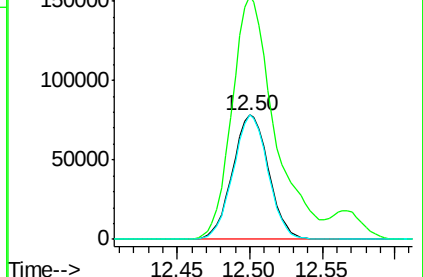
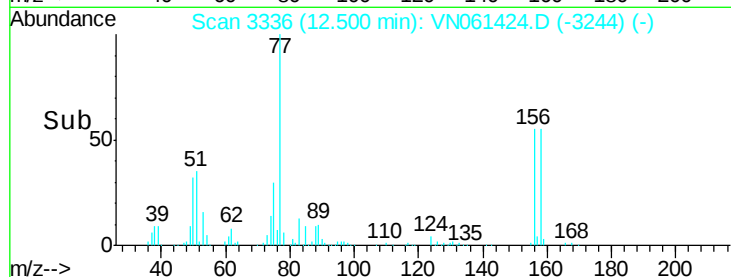
158 96.5 47.4 142.3



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: 51.096 ug/l

RT: 12.57 min Scan# 3357

Delta R.T. 0.00 min

Lab File: VN061424.D

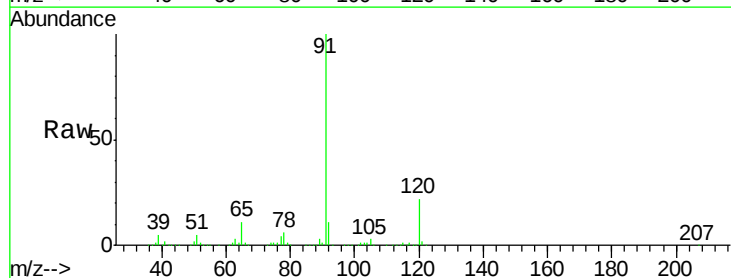
Acq: 15 May 2020 22:56

Tgt Ion: 91 Resp: 731367

Ion Ratio Lower Upper

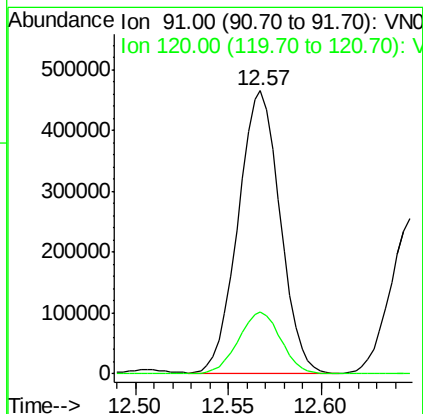
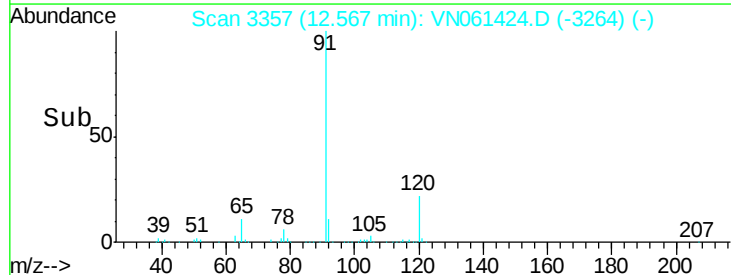
91 100

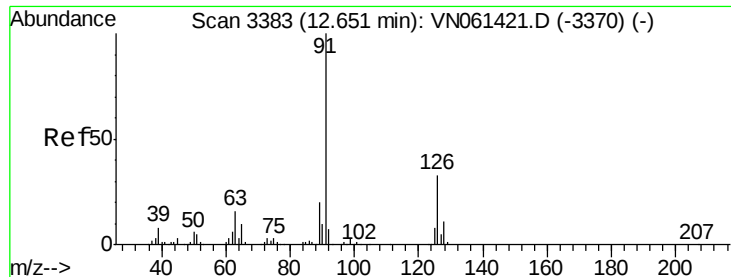
120 22.1 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.025 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN061424.D

Acq: 15 May 2020 22:56

Instrument :

MSVOA_N

ClientSampleId :

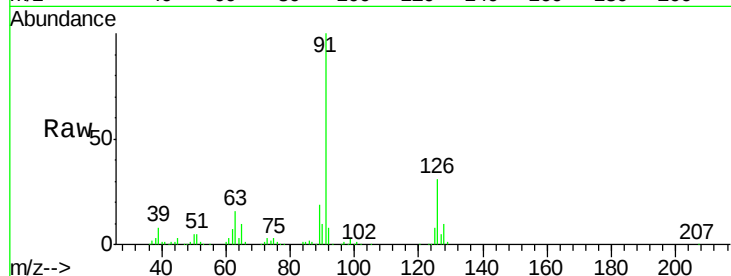
ICVVN051620

Tot Ion: 91 Resp: 420210

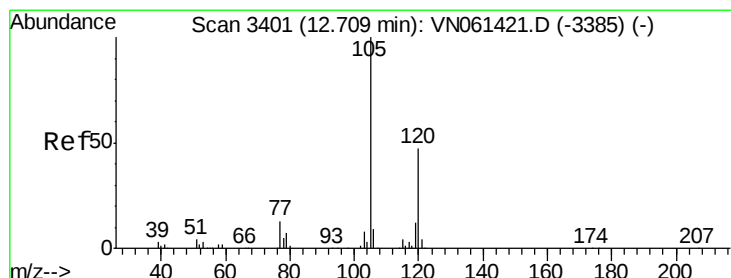
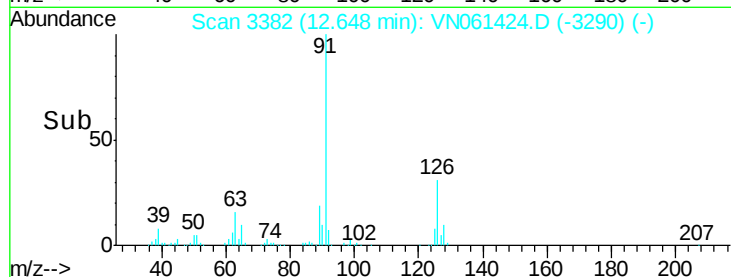
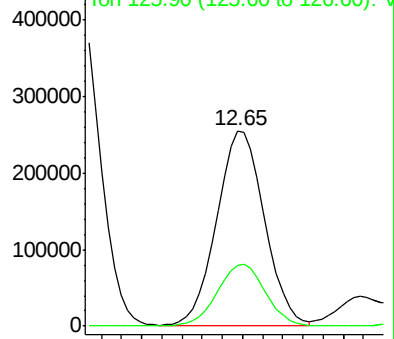
Ion Ratio Lower Upper

91 100

126 32.1 16.1 48.2



Abundance Ion 91.00 (90.70 to 91.70): VN061421.D (-3370) (-)



#80

1,3,5-Trimethylbenzene

Concen: 51.240 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. 0.00 min

Lab File: VN061424.D

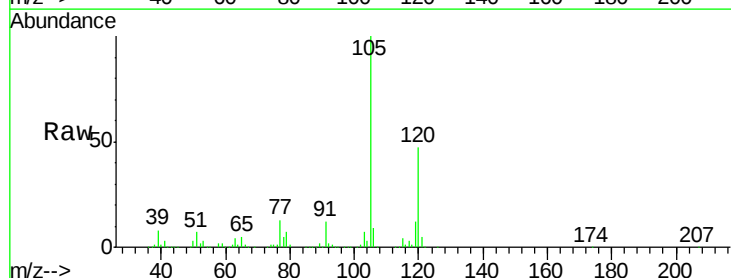
Acq: 15 May 2020 22:56

Tgt Ion: 105 Resp: 527171

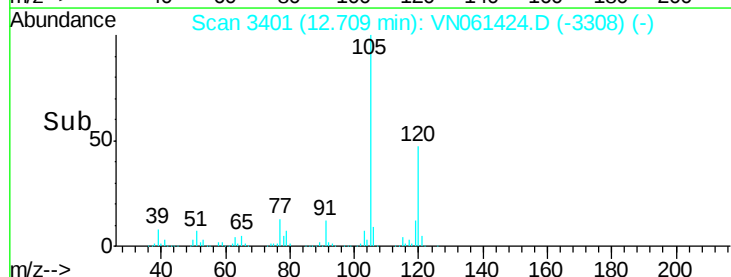
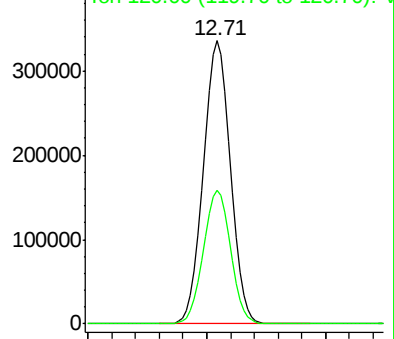
Ion Ratio Lower Upper

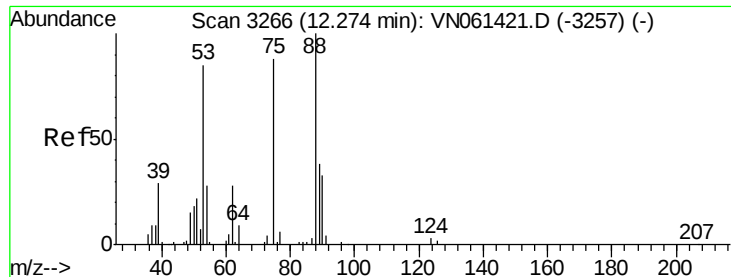
105 100

120 47.7 23.7 71.1



Abundance Ion 105.00 (104.70 to 105.70): VN061421.D (-3385) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 52.355 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN061424.D

Acq: 15 May 2020 22:56

Instrument :

MSVOA_N

ClientSampleId :

ICVVN051620

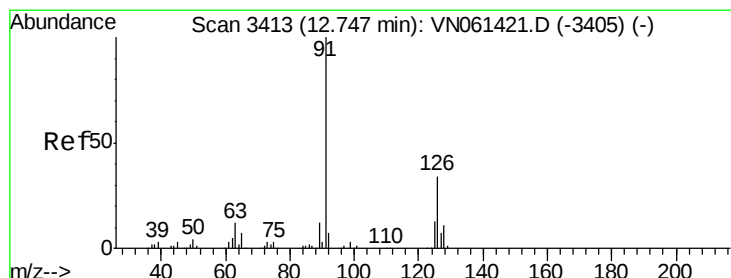
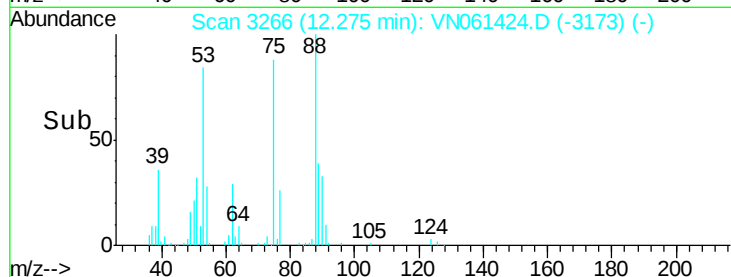
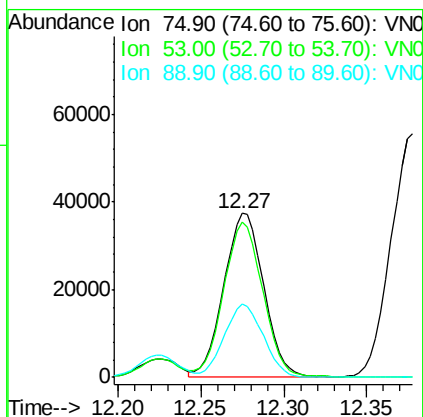
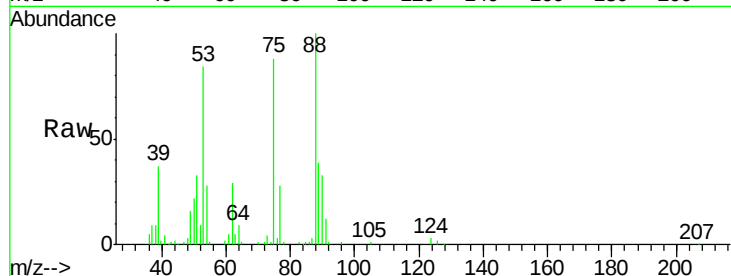
Tot Ion: 75 Resp: 62897

Ion Ratio Lower Upper

75 100

53 93.3 78.1 117.1

89 43.6 36.3 54.5



#82

4-Chlorotoluene

Concen: 51.350 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN061424.D

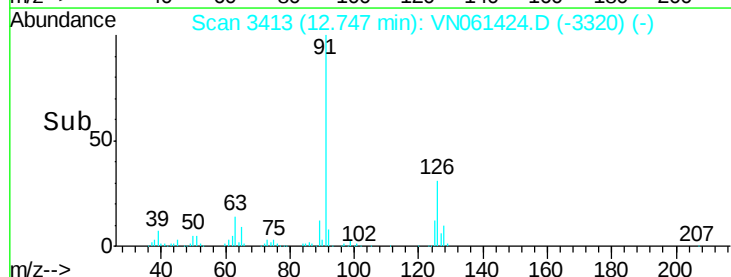
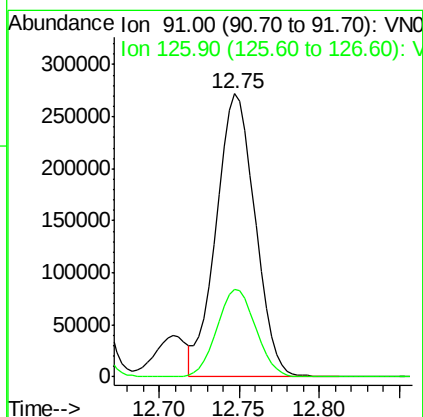
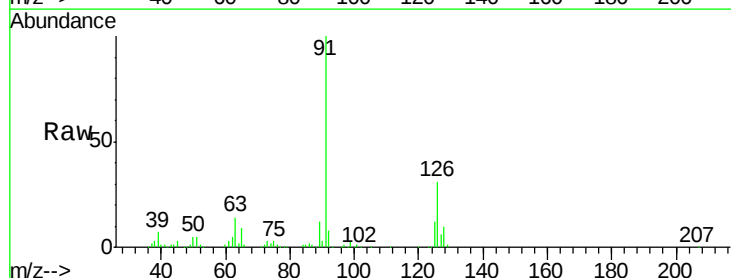
Acq: 15 May 2020 22:56

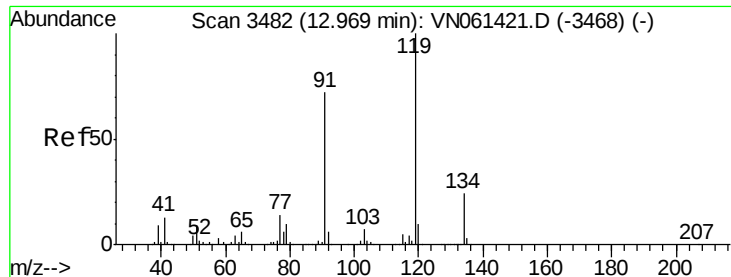
Tgt Ion: 91 Resp: 453118

Ion Ratio Lower Upper

91 100

126 31.2 15.8 47.3

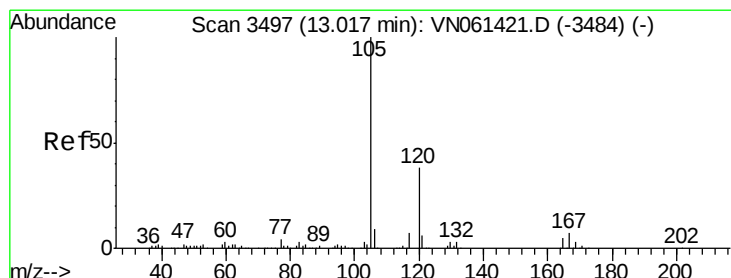
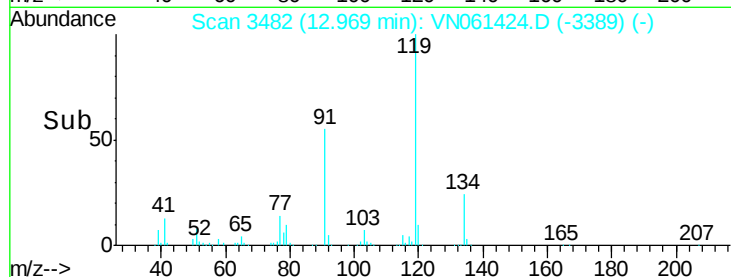
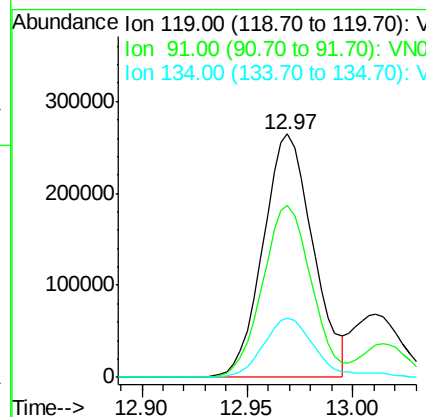
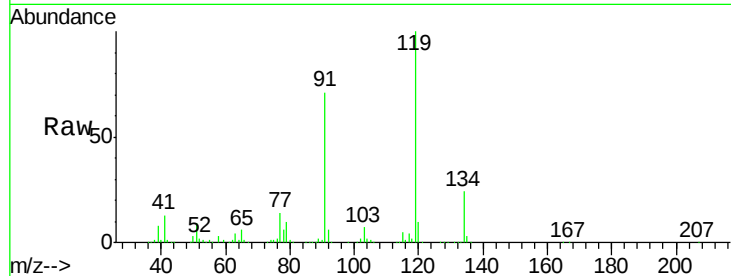




#83
 tert-Butylbenzene
 Concen: 50.067 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. 0.00 min
 Lab File: VN061424.D
 Acq: 15 May 2020 22:56

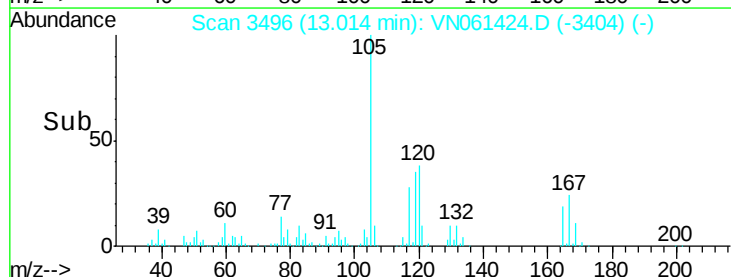
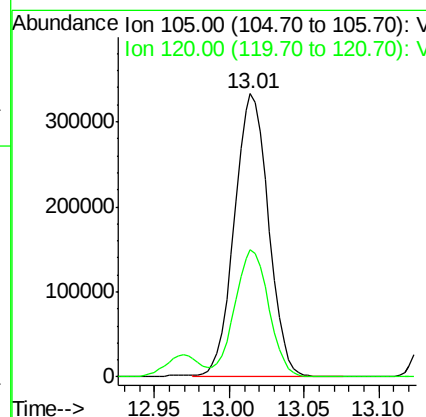
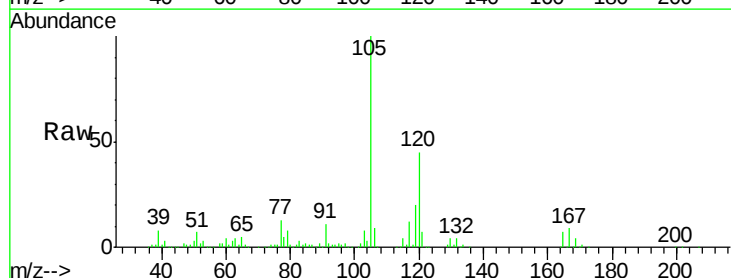
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN051620

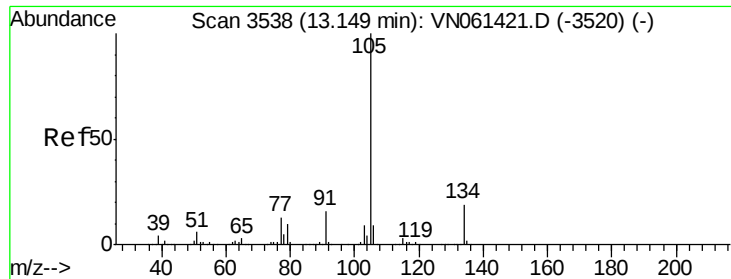
Tot Ion:119 Resp: 436379
 Ion Ratio Lower Upper
 119 100
 91 69.5 35.6 106.9
 134 25.6 12.9 38.7



#84
 1,2,4-Trimethylbenzene
 Concen: 51.375 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN061424.D
 Acq: 15 May 2020 22:56

Tgt Ion:105 Resp: 526692
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.4 67.2





#85

sec-Butylbenzene

Concen: 51.198 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN061424.D

Acq: 15 May 2020 22:56

Instrument :

MSVOA_N

ClientSampled :

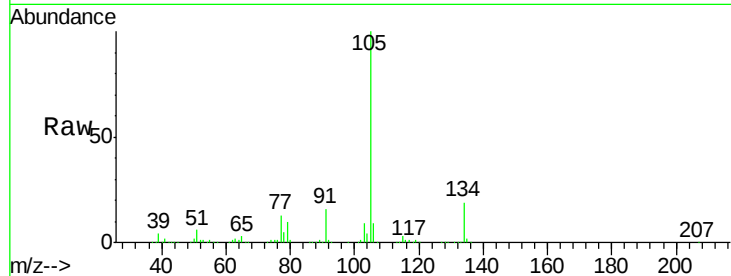
ICVVN051620

Tot Ion:105 Resp: 604417

Ion Ratio Lower Upper

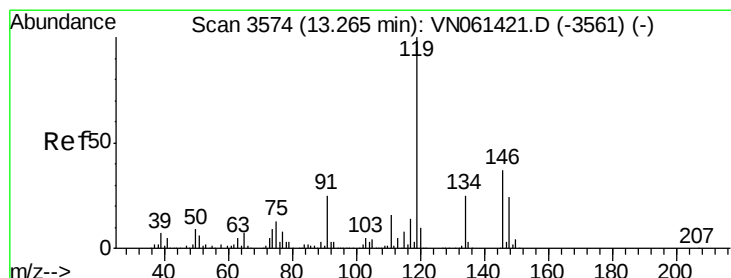
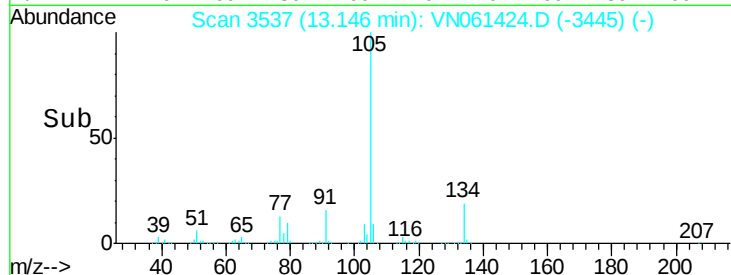
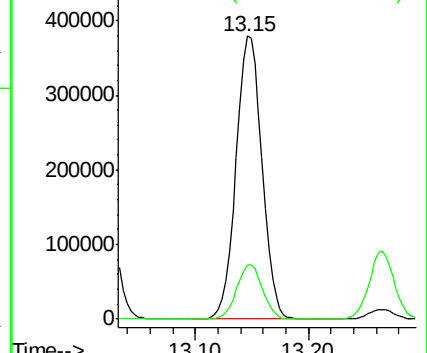
105 100

134 19.3 9.7 29.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 52.984 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN061424.D

Acq: 15 May 2020 22:56

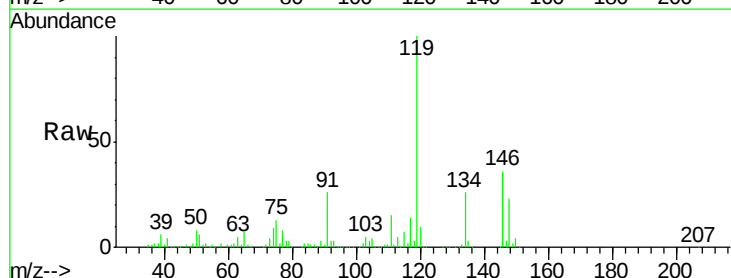
Tgt Ion:119 Resp: 542997

Ion Ratio Lower Upper

119 100

134 25.8 12.8 38.4

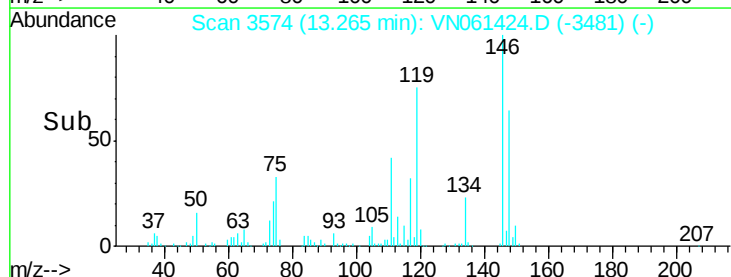
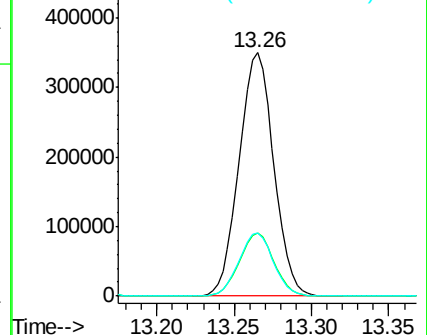
91 25.8 13.0 38.9

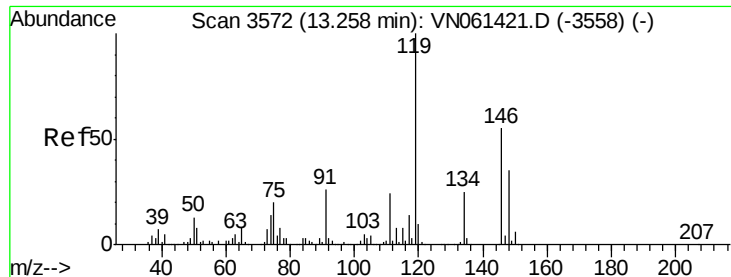


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 52.357 ug/l

RT: 13.26 min Scan# 3572

Delta R.T. 0.00 min

Lab File: VN061424.D

Acq: 15 May 2020 22:56

Instrument :

MSVOA_N

ClientSampleId :

ICVVN051620

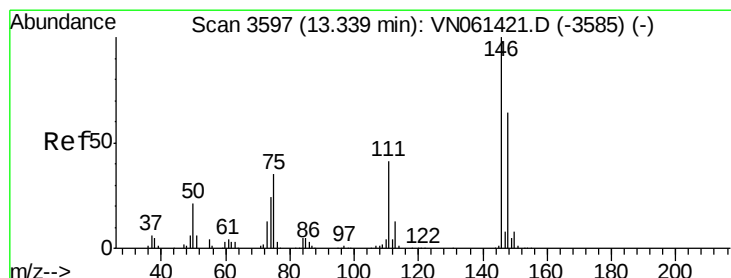
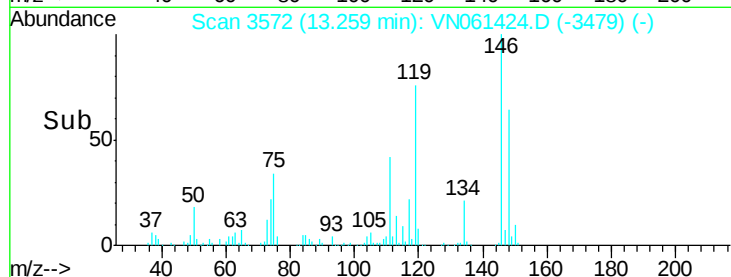
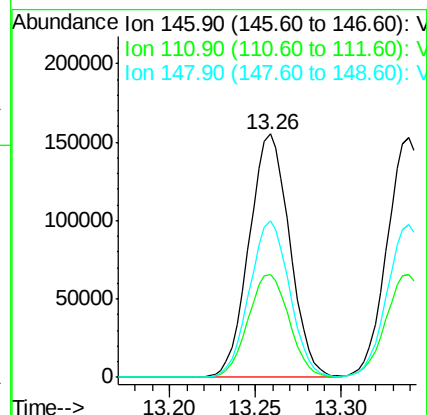
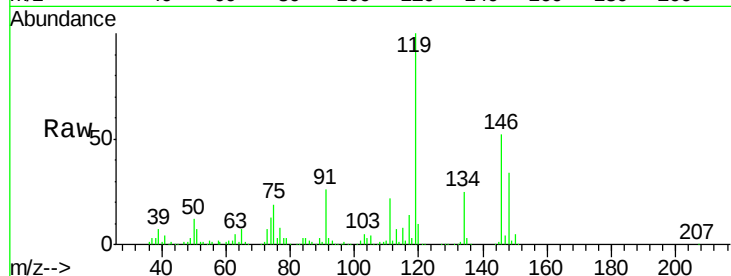
Tot Ion:146 Resp: 254547

Ion Ratio Lower Upper

146 100

111 42.8 21.5 64.5

148 63.6 31.4 94.3



#88

1,4-Dichlorobenzene

Concen: 50.532 ug/l

RT: 13.34 min Scan# 3597

Delta R.T. 0.00 min

Lab File: VN061424.D

Acq: 15 May 2020 22:56

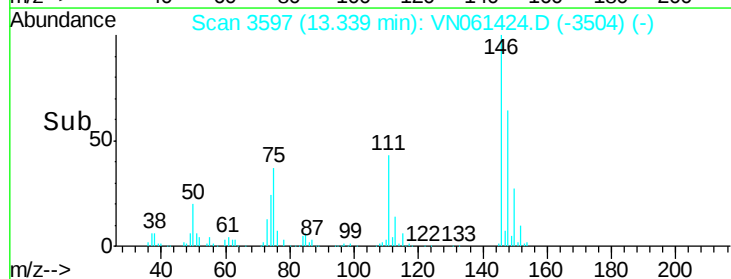
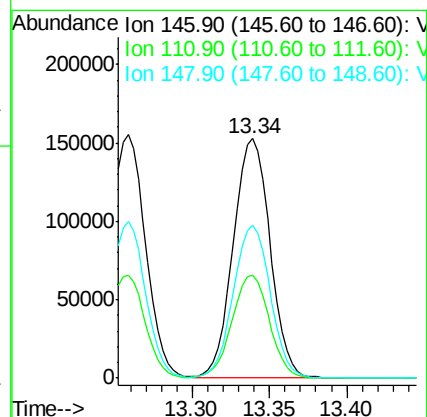
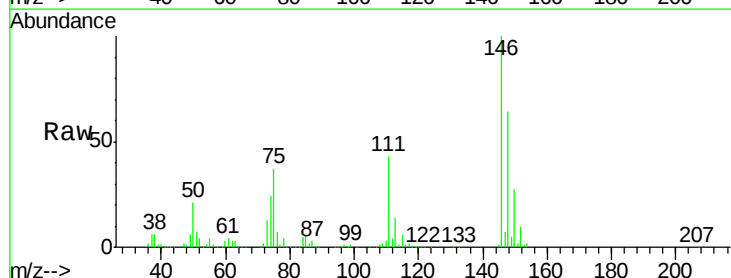
Tgt Ion:146 Resp: 252197

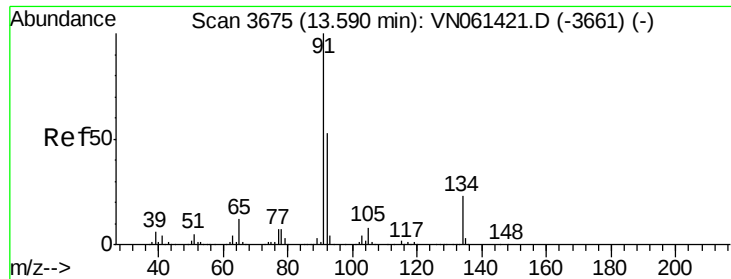
Ion Ratio Lower Upper

146 100

111 43.6 20.9 62.7

148 64.3 32.3 96.8





#89

n-Butylbenzene

Concen: 53.129 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. 0.00 min

Lab File: VN061424.D

Acq: 15 May 2020 22:56

Instrument :

MSVOA_N

ClientSampleId :

ICVVN051620

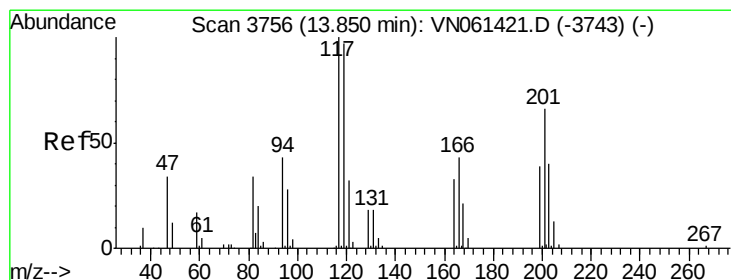
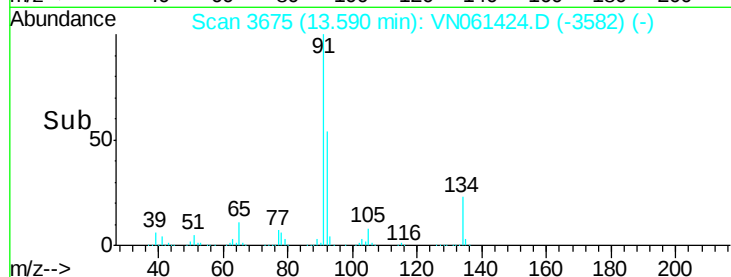
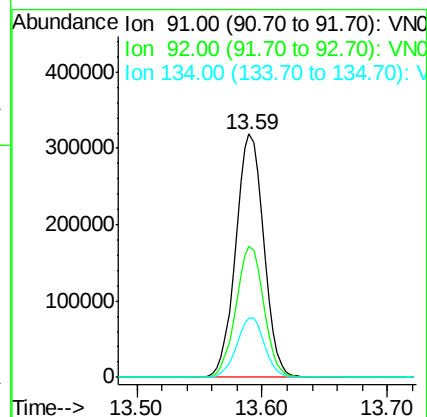
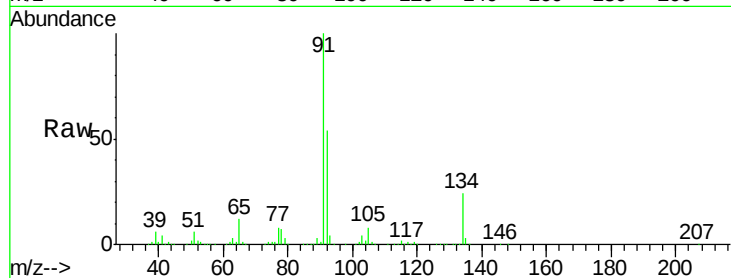
Tot Ion: 91 Resp: 494577

Ion Ratio Lower Upper

91 100

92 53.5 26.8 80.3

134 24.3 11.9 35.5



#90

Hexachloroethane

Concen: 53.256 ug/l

RT: 13.85 min Scan# 3756

Delta R.T. 0.00 min

Lab File: VN061424.D

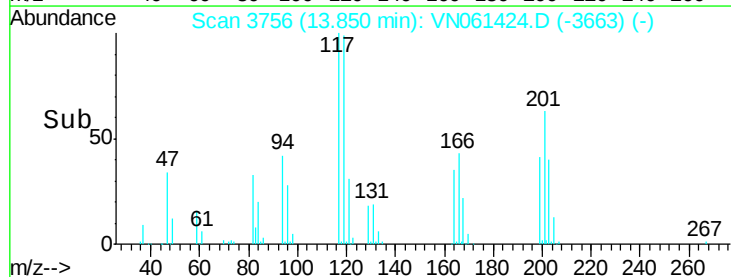
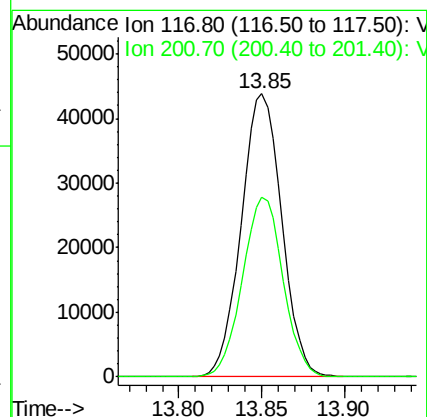
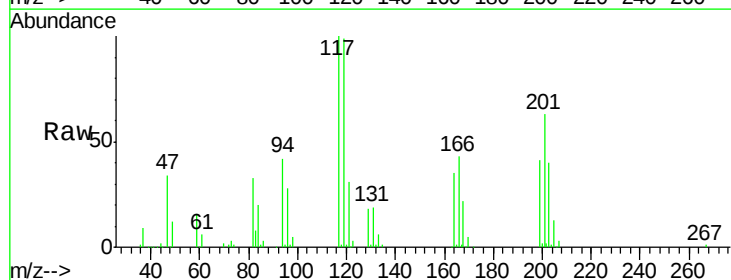
Acq: 15 May 2020 22:56

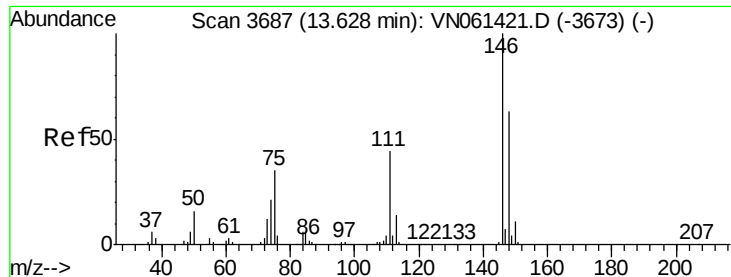
Tgt Ion: 117 Resp: 74424

Ion Ratio Lower Upper

117 100

201 63.5 32.2 96.6

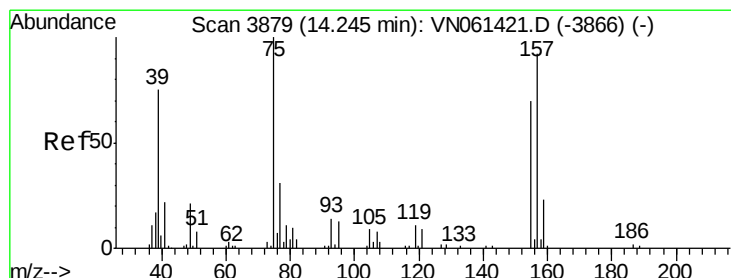
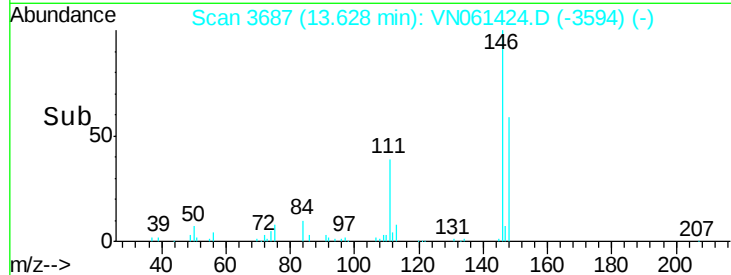
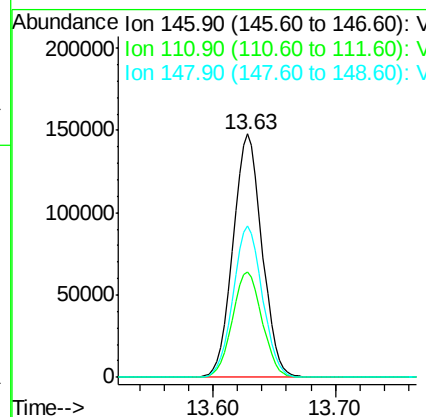
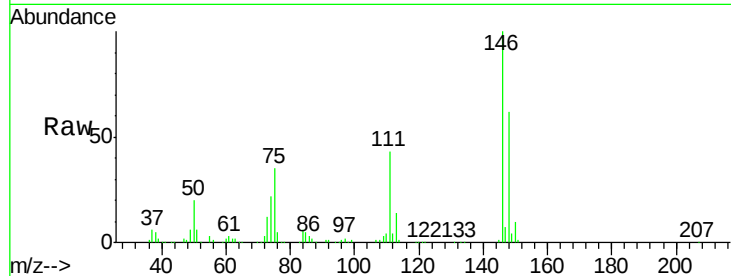




#91
 1,2-Dichlorobenzene
 Concen: 52.863 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN061424.D
 Acq: 15 May 2020 22:56

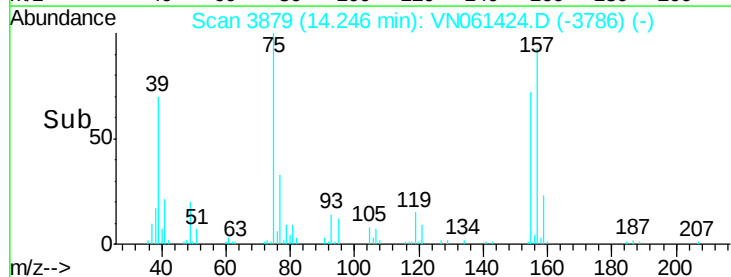
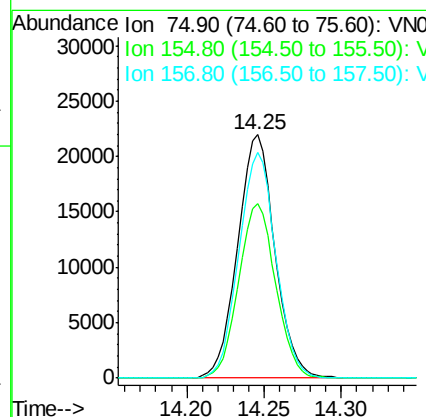
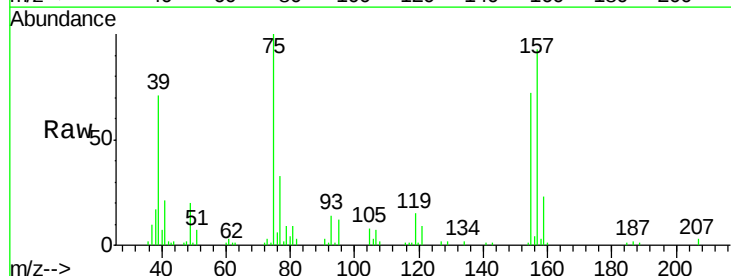
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN051620

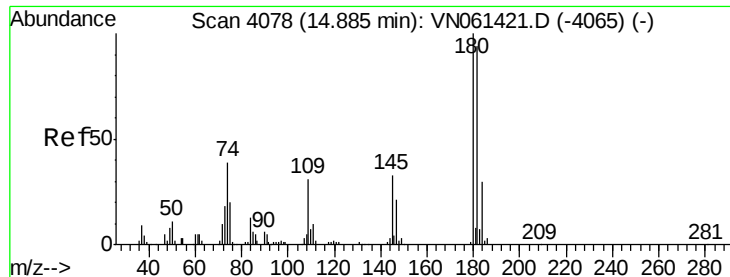
Tot Ion	Ratio	Lower	Upper
146	100		
111	44.3	22.3	66.8
148	62.9	32.3	96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.552 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN061424.D
 Acq: 15 May 2020 22:56

Tgt Ion	Ratio	Lower	Upper
75	100		
155	71.1	35.2	105.6
157	91.8	45.8	137.3

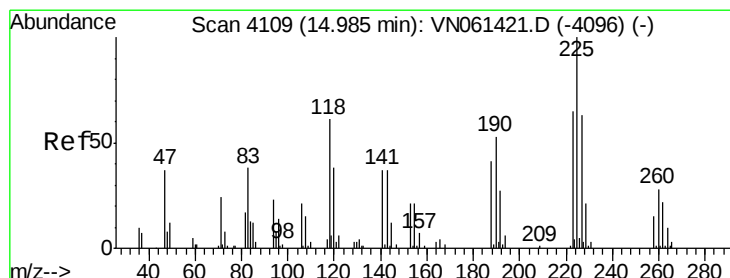
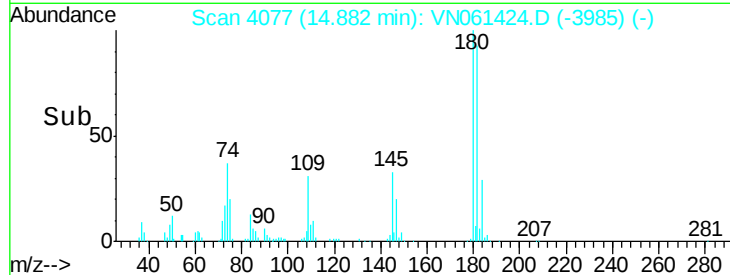
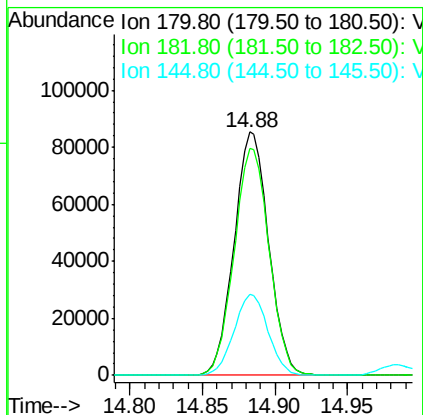
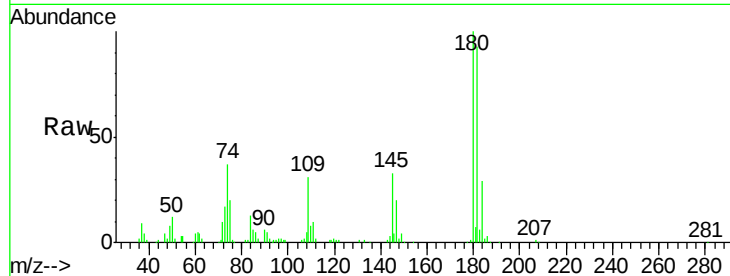




#93
 1,2,4-Trichlorobenzene
 Concen: 55.557 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN061424.D
 Acq: 15 May 2020 22:56

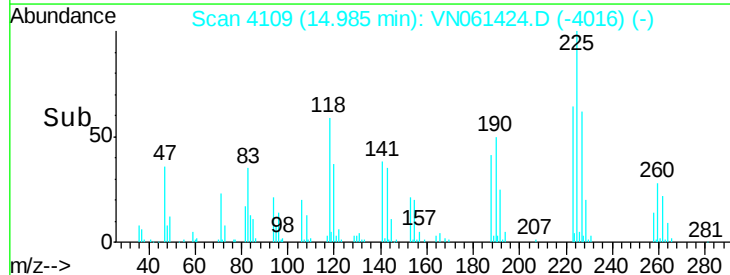
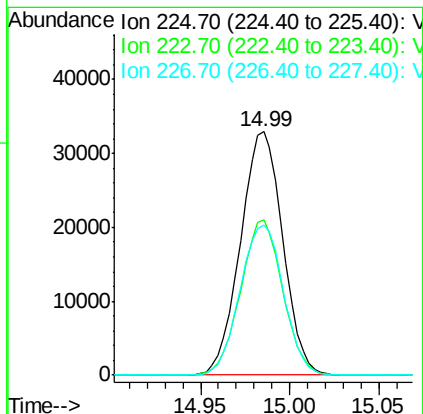
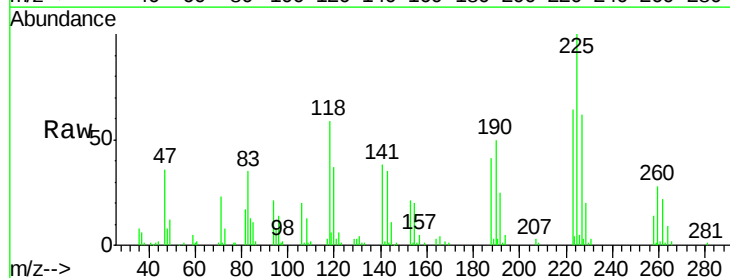
Instrument :
 MSVOA_N
 ClientSampled :
 ICVVN051620

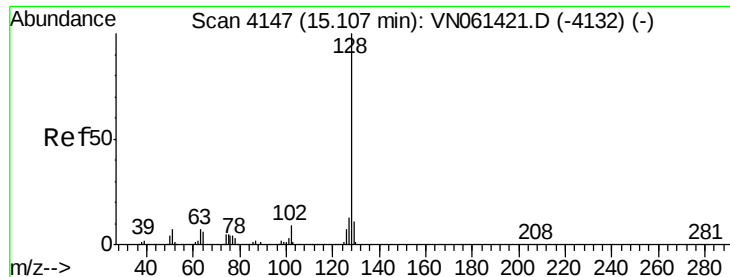
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.3	142.0
145	32.7	16.3	48.9



#94
 Hexachlorobutadiene
 Concen: 56.450 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN061424.D
 Acq: 15 May 2020 22:56

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	32.1	96.3
227	63.4	31.4	94.2

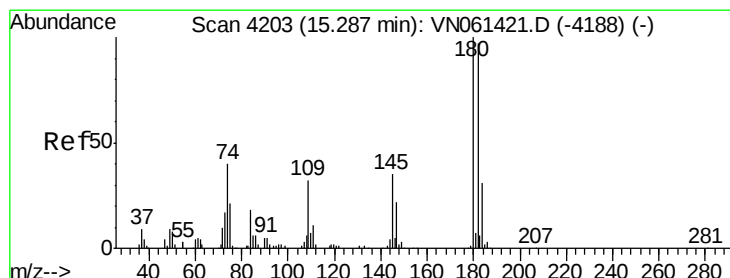
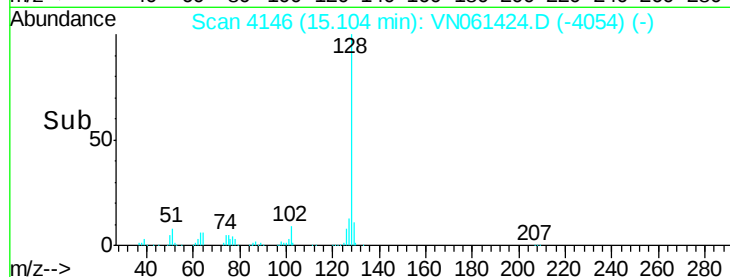
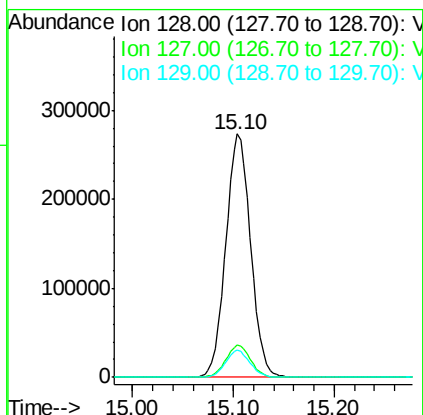
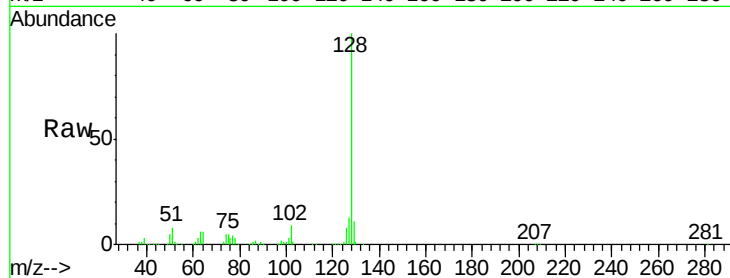




#95
Naphthalene
Concen: 57.219 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN061424.D
Acq: 15 May 2020 22:56

Instrument :
MSVOA_N
ClientSampleId :
ICVVN051620

Tot Ion:128 Resp: 471572
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 54.226 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN061424.D
Acq: 15 May 2020 22:56

Tgt Ion:180 Resp: 137588
Ion Ratio Lower Upper
180 100
182 95.2 48.0 144.2
145 34.3 17.6 52.9

