

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052020\
 Data File : VN061502.D
 Acq On : 20 May 2020 15:53
 Operator : JC/MD
 Sample : VN0520WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 21 01:09:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 18 13:09:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	279392	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	494130	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	465138	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	215406	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	183627	44.04	ug/l	0.00
Spiked Amount			Recovery	=	88.08%	
35) Dibromofluoromethane	7.54	113	134062	51.79	ug/l	0.00
Spiked Amount			Recovery	=	103.58%	
50) Toluene-d8	10.06	98	551315	45.92	ug/l	0.00
Spiked Amount			Recovery	=	91.84%	
62) 4-Bromofluorobenzene	12.37	95	207959	46.36	ug/l	0.00
Spiked Amount			Recovery	=	92.72%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	43916	18.904	ug/l	99
3) Chloromethane	2.03	50	62308	16.444	ug/l	99
4) Vinyl Chloride	2.16	62	87336	16.105	ug/l	98
5) Bromomethane	2.54	94	54097	17.102	ug/l	98
6) Chloroethane	2.67	64	59050	16.178	ug/l	99
7) Trichlorofluoromethane	2.98	101	102066	15.503	ug/l	99
8) Diethyl Ether	3.37	74	34933	18.216	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	3.72	101	52381	19.132	ug/l	96
10) Methyl Iodide	3.91	142	66700	20.058	ug/l	99
11) Tert butyl alcohol	4.72	59	21826	45.428	ug/l #	67
12) 1,1-Dichloroethene	3.70	96	52098	18.192	ug/l	92
13) Acrolein	3.56	56	19003	39.184	ug/l	99
14) Allyl chloride	4.27	41	78175	16.773	ug/l	94
15) Acrylonitrile	4.93	53	122614	86.140	ug/l	99
16) Acetone	3.77	43	98085	84.366	ug/l	96
17) Carbon Disulfide	4.01	76	133250	19.749	ug/l	100
18) Methyl Acetate	4.27	43	50502	16.953	ug/l	98
19) Methyl tert-butyl Ether	4.98	73	200397	18.439	ug/l	99
20) Methylene Chloride	4.50	84	61603	17.976	ug/l	96
21) trans-1,2-Dichloroethene	4.98	96	60275	18.252	ug/l	96
22) Diisopropyl ether	5.90	45	175705	16.777	ug/l	97
23) Vinyl Acetate	5.84	43	708699	85.094	ug/l	98
24) 1,1-Dichloroethane	5.79	63	105750	17.311	ug/l	99
25) 2-Butanone	6.78	43	153350	80.772	ug/l	97
26) 2,2-Dichloropropane	6.77	77	102157	17.542	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	74670	19.142	ug/l	91
28) Bromochloromethane	7.14	49	46028	17.751	ug/l	89
29) Tetrahydrofuran	7.17	42	100845	80.204	ug/l	94
30) Chloroform	7.33	83	120281	18.852	ug/l	98
31) Cyclohexane	7.61	56	92547	15.136	ug/l	92
32) 1,1,1-Trichloroethane	7.53	97	109546	18.789	ug/l	96
36) 1,1-Dichloropropene	7.75	75	84109	18.204	ug/l	97
37) Ethyl Acetate	6.88	43	67976	16.223	ug/l	98
38) Carbon Tetrachloride	7.73	117	82913	19.489	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052020\
 Data File : VN061502.D
 Acq On : 20 May 2020 15:53
 Operator : JC/MD
 Sample : VN0520WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 21 01:09:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 18 13:09:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	95796	16.975	ug/l	96
40) Benzene	8.00	78	258300	18.551	ug/l	99
41) Methacrylonitrile	7.13	41	32661	18.455	ug/l	98
42) 1,2-Dichloroethane	8.09	62	92963	18.531	ug/l	98
43) Isopropyl Acetate	8.12	43	123781	16.937	ug/l #	90
44) Trichloroethene	8.80	130	71991	19.732	ug/l	97
45) 1,2-Dichloropropane	9.08	63	64513	18.511	ug/l	99
46) Dibromomethane	9.17	93	47991	19.643	ug/l	97
47) Bromodichloromethane	9.37	83	97254	18.893	ug/l	100
48) Methyl methacrylate	9.17	41	53746	15.920	ug/l	95
49) 1,4-Dioxane	9.17	88	19347	527.010	ug/l	94
51) 4-Methyl-2-Pentanone	9.95	43	341470	85.772	ug/l	98
52) Toluene	10.12	92	170809	19.108	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	105546	18.707	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	111799	18.640	ug/l	95
55) 1,1,2-Trichloroethane	10.53	97	68295	20.208	ug/l	98
56) Ethyl methacrylate	10.40	69	97545	18.462	ug/l	96
57) 1,3-Dichloropropane	10.68	76	111700	19.124	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	195623	84.349	ug/l	94
59) 2-Hexanone	10.72	43	240125	83.368	ug/l	98
60) Dibromochloromethane	10.87	129	74159	19.837	ug/l	99
61) 1,2-Dibromoethane	10.98	107	71007	19.982	ug/l	99
64) Tetrachloroethene	10.60	164	70721	19.653	ug/l	97
65) Chlorobenzene	11.40	112	183348	19.330	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	67580	19.874	ug/l	98
67) Ethyl Benzene	11.48	91	326753	18.872	ug/l	98
68) m/p-Xylenes	11.59	106	254169	38.674	ug/l	97
69) o-Xylene	11.92	106	123176	19.368	ug/l	96
70) Styrene	11.94	104	202081	19.188	ug/l	99
71) Bromoform	12.10	173	46680	18.960	ug/l #	97
73) Isopropylbenzene	12.22	105	319525	18.478	ug/l	100
74) N-amyl acetate	12.04	43	103584	16.365	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	87022	18.291	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	113956	24.655	ug/l #	100
77) Bromobenzene	12.50	156	74759	19.920	ug/l	92
78) n-propylbenzene	12.56	91	359458	18.244	ug/l	98
79) 2-Chlorotoluene	12.65	91	213372	18.321	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	263647	18.620	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	28658	16.448	ug/l	96
82) 4-Chlorotoluene	12.75	91	222968	18.490	ug/l	98
83) tert-Butylbenzene	12.97	119	224289	18.493	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	267483	18.876	ug/l	99
85) sec-Butylbenzene	13.15	105	286068	17.443	ug/l	100
86) p-Isopropyltoluene	13.26	119	261135	17.931	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	135333	19.704	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	135453	19.692	ug/l	99
89) n-Butylbenzene	13.59	91	226487	17.119	ug/l	99
90) Hexachloroethane	13.85	117	34443	17.451	ug/l	95
91) 1,2-Dichlorobenzene	13.63	146	131966	20.030	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	16507	17.176	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052020\
Data File : VN061502.D
Acq On : 20 May 2020 15:53
Operator : JC/MD
Sample : VN0520WBSD01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: May 21 01:09:39 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
Quant Title : SW846 8260
QLast Update : Mon May 18 13:09:55 2020
Response via : Initial Calibration

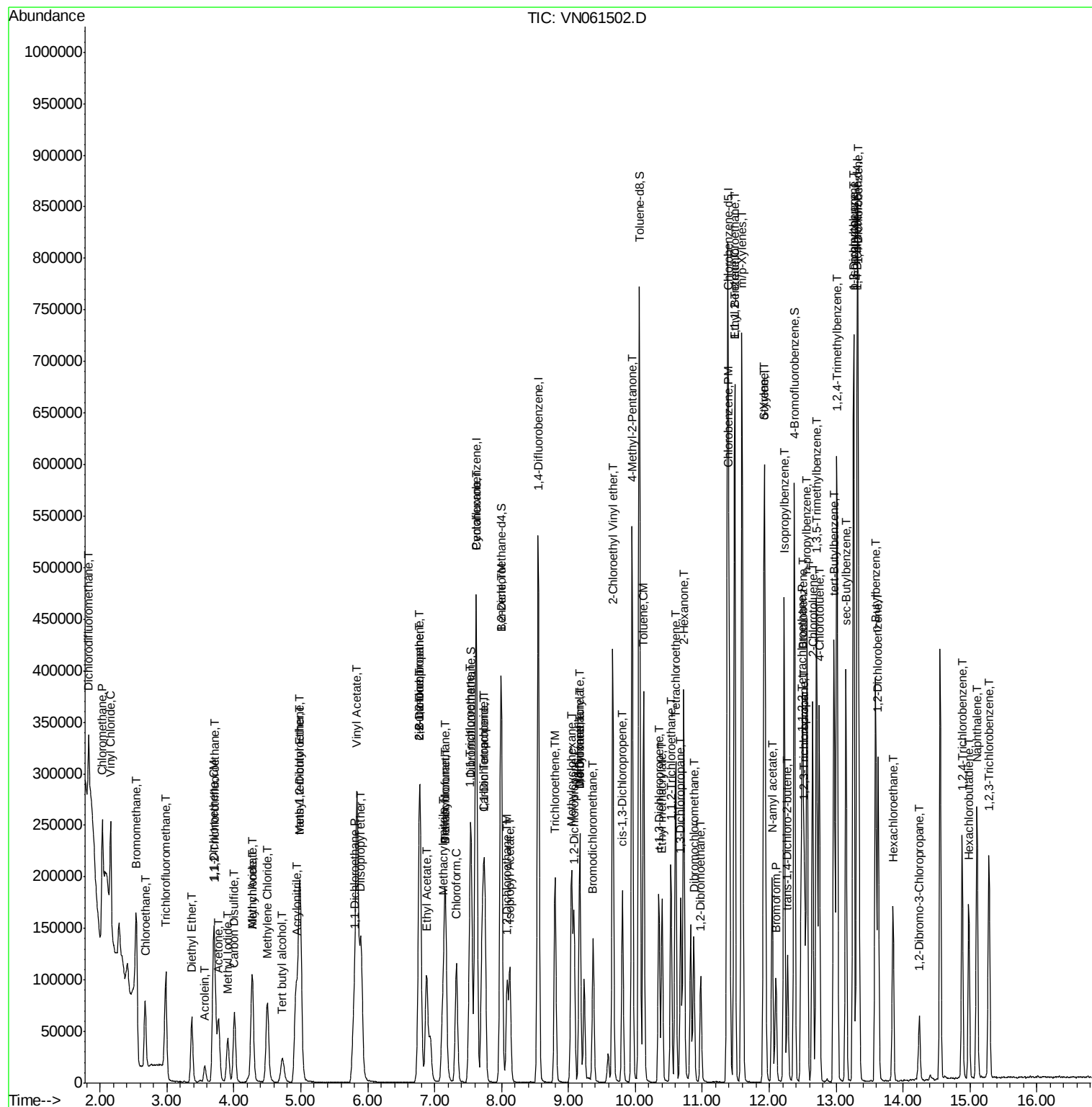
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	71220	19.937	ug/l	98
94) Hexachlorobutadiene	14.99	225	28251	17.799	ug/l	96
95) Naphthalene	15.10	128	231878	20.417	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	69347	19.500	ug/l	99

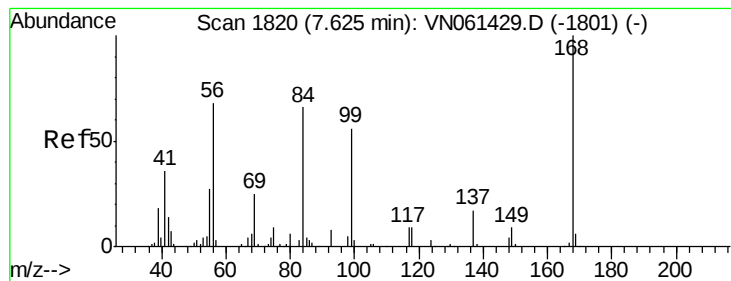
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052020\
Data File : VN061502.D
Acq On : 20 May 2020 15:53
Operator : JC/MD
Sample : VN0520WBSD01
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: May 21 01:09:39 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
Quant Title : SW846 8260
QLast Update : Mon May 18 13:09:55 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN061502.D

Acq: 20 May 2020 15:53

Instrument :

MSVOA_N

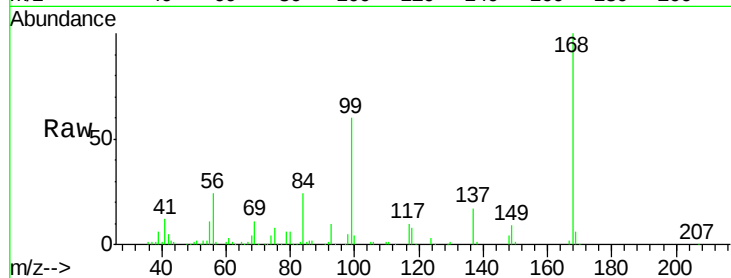
ClientSampleId :

Tot Ion:168 Resp: 279392

Ion Ratio Lower Upper

168 100

99 60.0 51.1 76.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

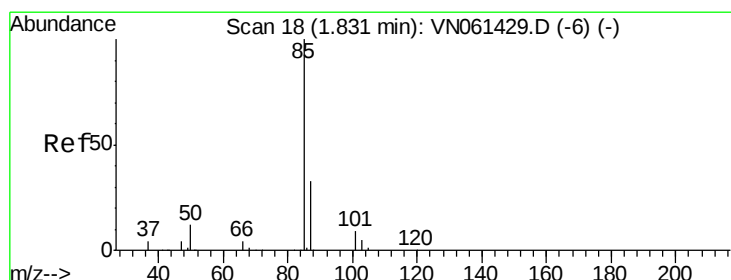
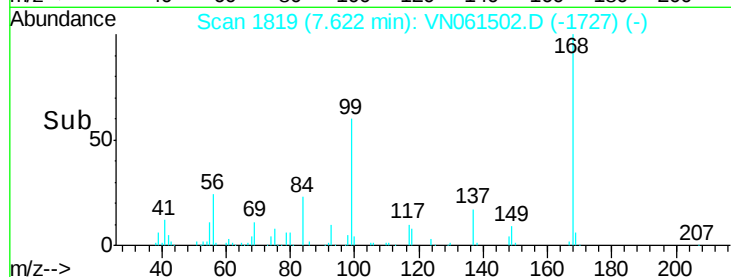
7.62

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.904 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN061502.D

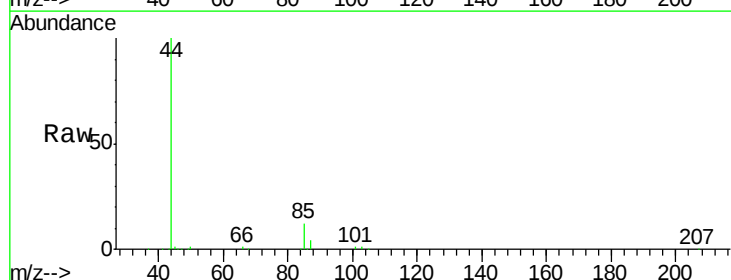
Acq: 20 May 2020 15:53

Tgt Ion: 85 Resp: 43916

Ion Ratio Lower Upper

85 100

87 32.9 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

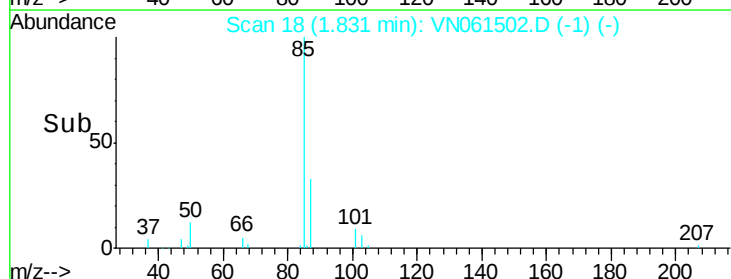
30000

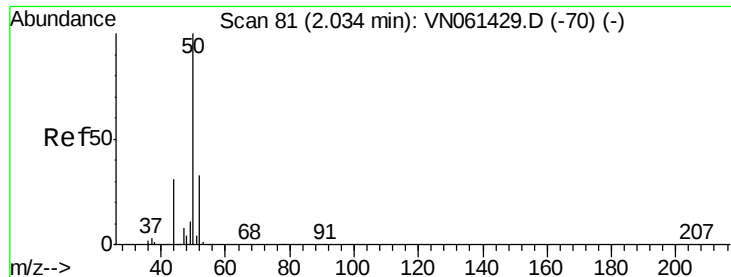
20000

10000

0

Time-->





#3

Chloromethane

Concen: 16.444 ug/l

RT: 2.03 min Scan# 81

Delta R.T. -0.00 min

Lab File: VN061502.D

Acq: 20 May 2020 15:53

Instrument :

MSVOA_N

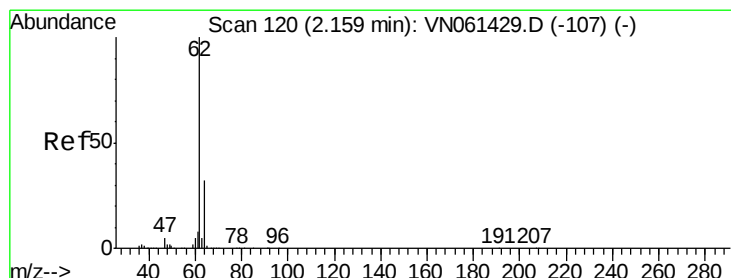
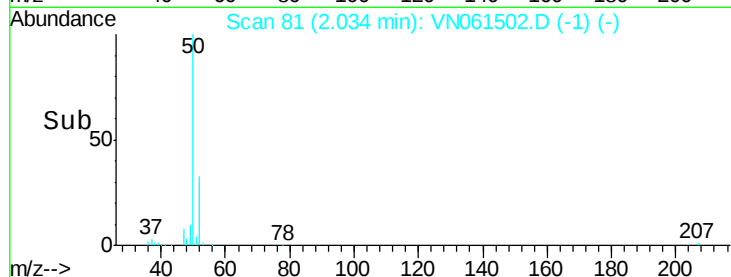
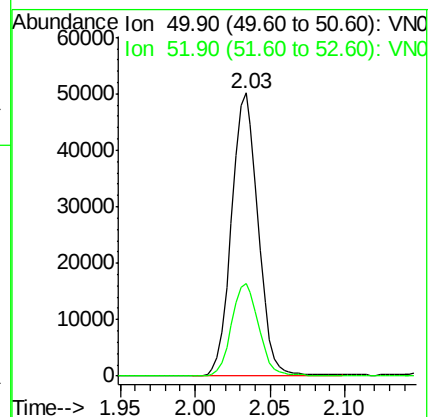
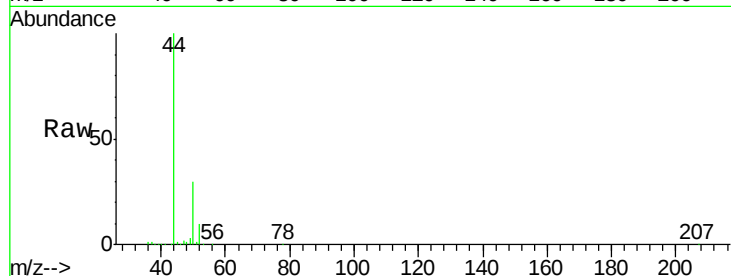
ClientSampleId :

Tot Ion: 50 Resp: 62308

Ion Ratio Lower Upper

50 100

52 32.9 26.7 40.1



#4

Vinyl Chloride

Concen: 16.105 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN061502.D

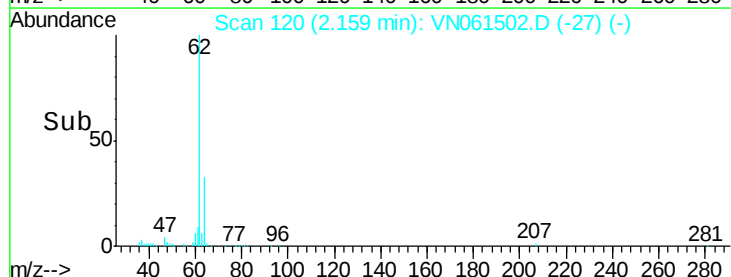
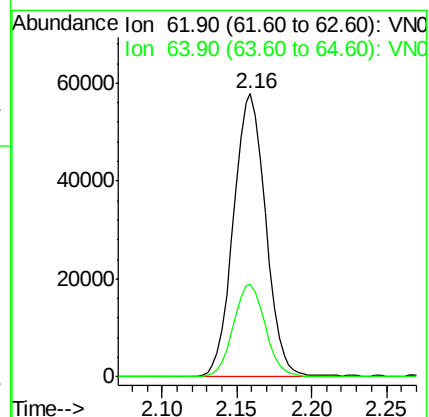
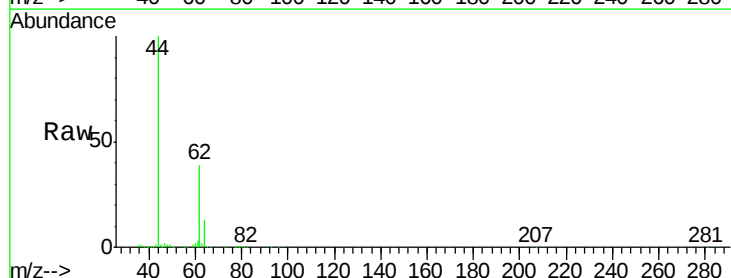
Acq: 20 May 2020 15:53

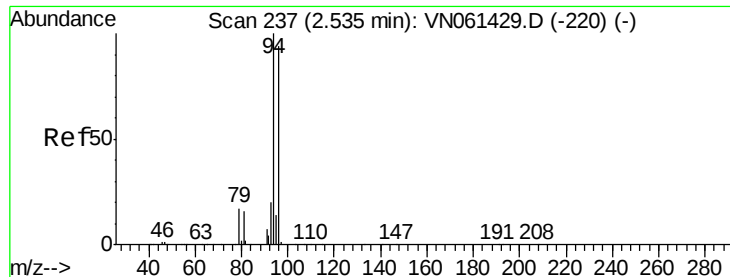
Tgt Ion: 62 Resp: 87336

Ion Ratio Lower Upper

62 100

64 32.9 25.3 37.9





#5

Bromomethane

Concen: 17.102 ug/l

RT: 2.54 min Scan# 238

Delta R.T. 0.00 min

Lab File: VN061502.D

Acq: 20 May 2020 15:53

Instrument :

MSVOA_N

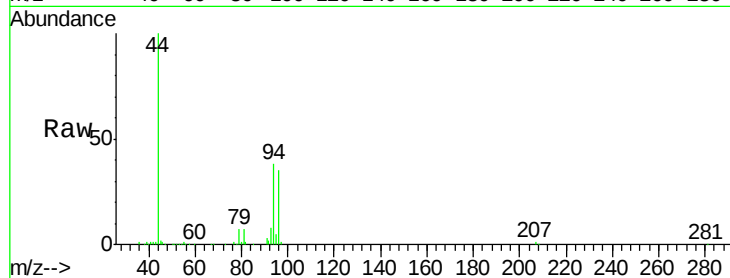
ClientSampleId :

Tot Ion: 94 Resp: 54097

Ion Ratio Lower Upper

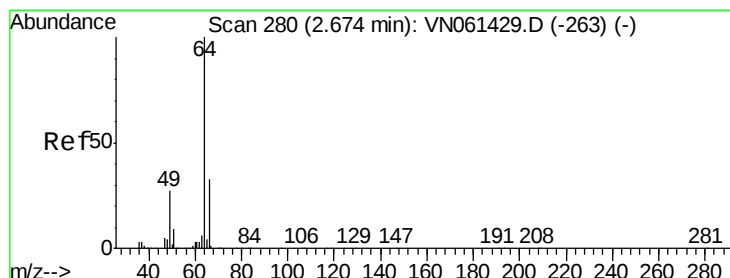
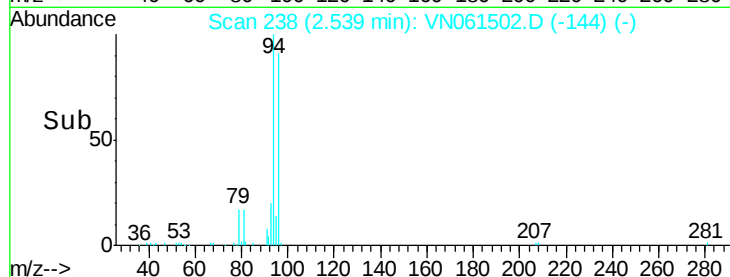
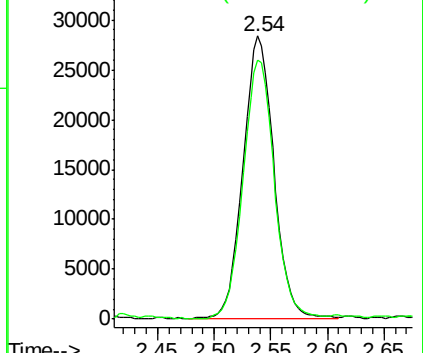
94 100

96 91.5 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 16.178 ug/l

RT: 2.67 min Scan# 280

Delta R.T. -0.00 min

Lab File: VN061502.D

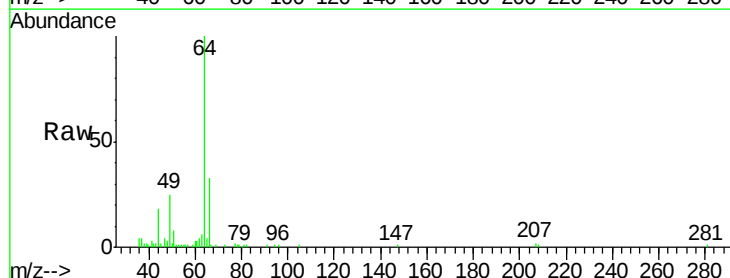
Acq: 20 May 2020 15:53

Tgt Ion: 64 Resp: 59050

Ion Ratio Lower Upper

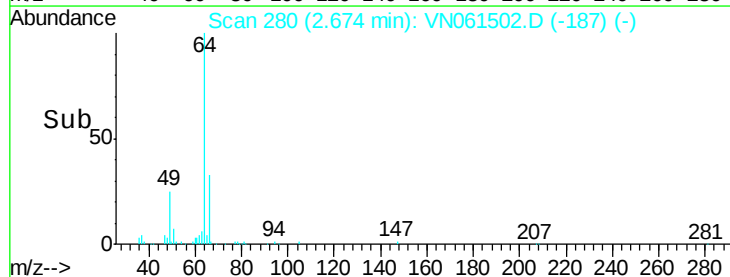
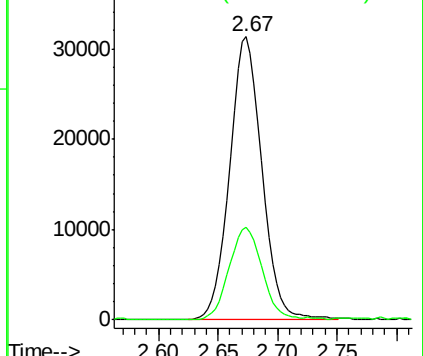
64 100

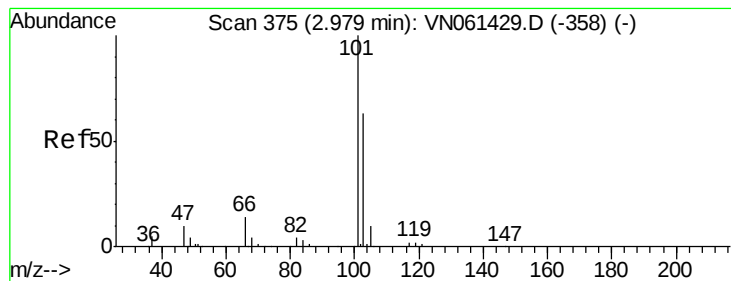
66 32.5 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



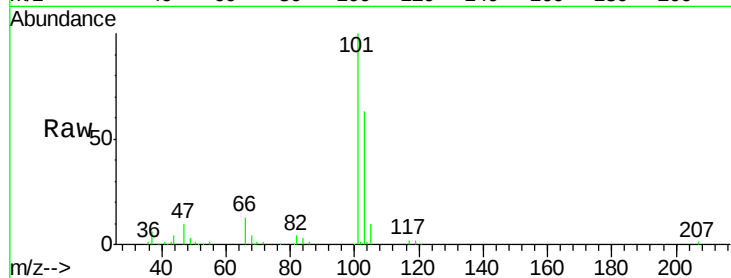


#7

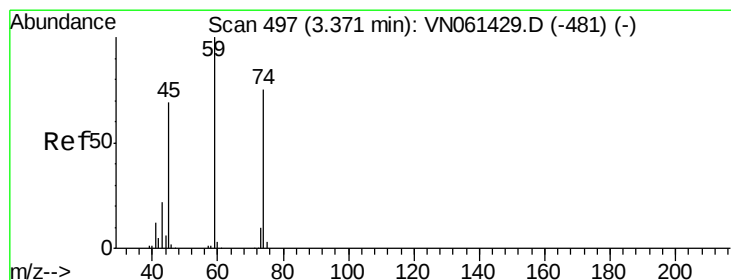
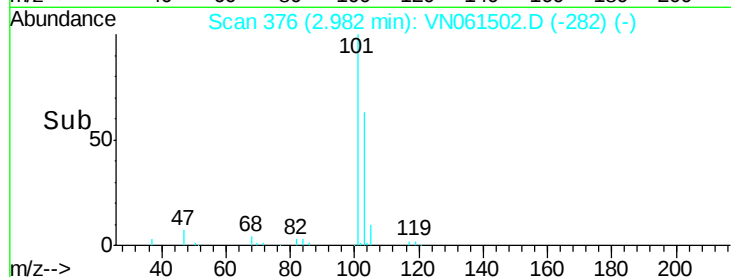
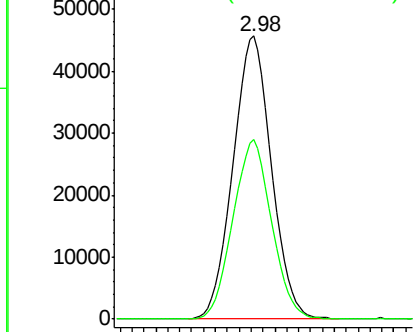
Trichlorofluoromethane
 Concen: 15.503 ug/l
 RT: 2.98 min Scan# 376
 Delta R.T. 0.00 min
 Lab File: VN061502.D
 Acq: 20 May 2020 15:53

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:101 Resp: 102066
 Ion Ratio Lower Upper
 101 100
 103 63.3 50.2 75.4



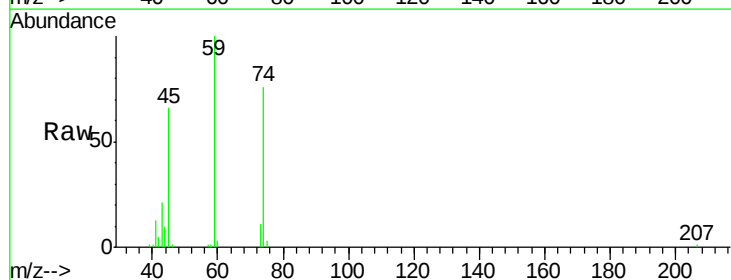
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



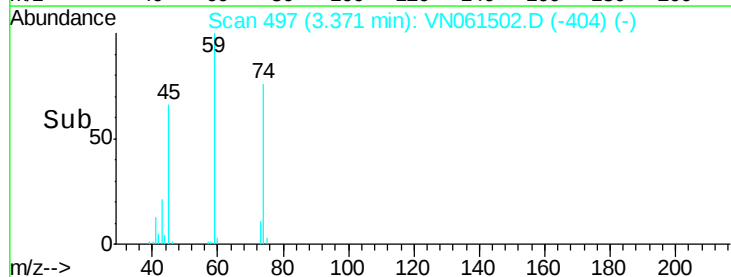
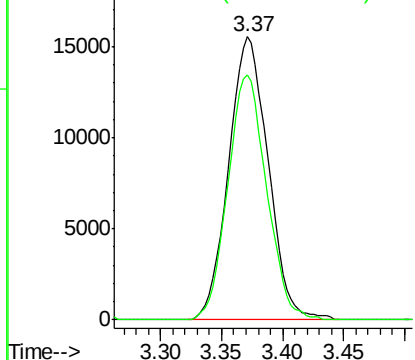
#8

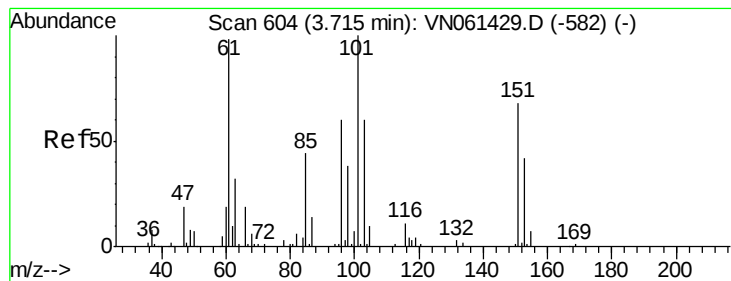
Diethyl Ether
 Concen: 18.216 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: VN061502.D
 Acq: 20 May 2020 15:53

Tgt Ion: 74 Resp: 34933
 Ion Ratio Lower Upper
 74 100
 45 85.1 45.7 137.1



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.132 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN061502.D

Acq: 20 May 2020 15:53

Instrument :

MSVOA_N

ClientSampled :

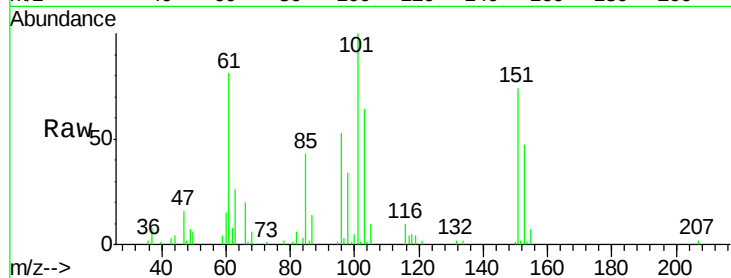
Tot Ion:101 Resp: 52381

Ion Ratio Lower Upper

101 100

85 44.4 36.6 55.0

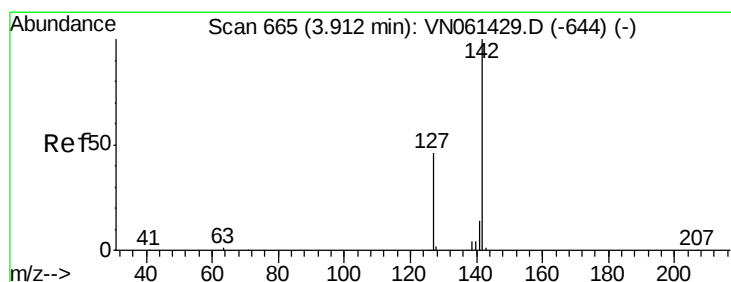
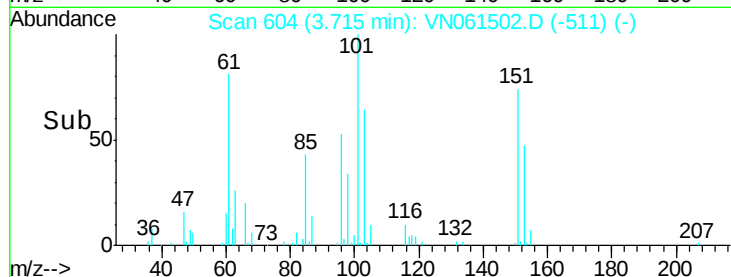
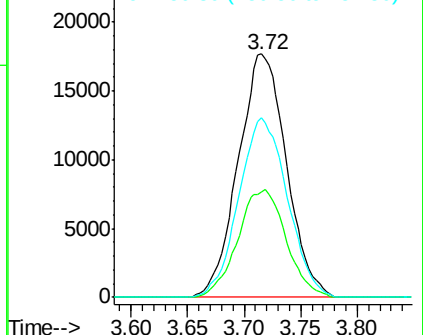
151 74.5 56.3 84.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.058 ug/l

RT: 3.91 min Scan# 663

Delta R.T. -0.01 min

Lab File: VN061502.D

Acq: 20 May 2020 15:53

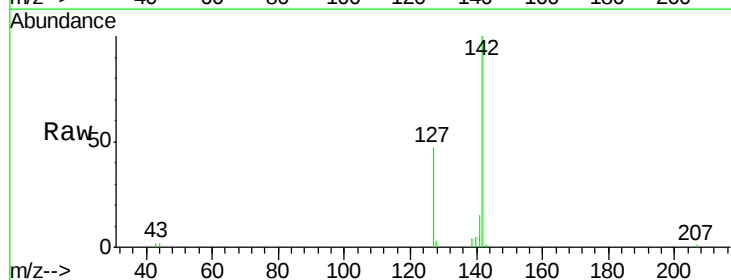
Tgt Ion:142 Resp: 66700

Ion Ratio Lower Upper

142 100

127 46.3 36.7 55.1

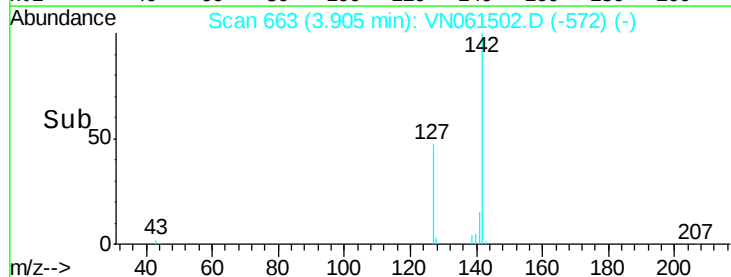
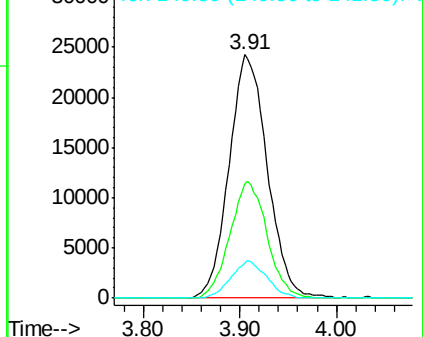
141 14.2 11.5 17.3

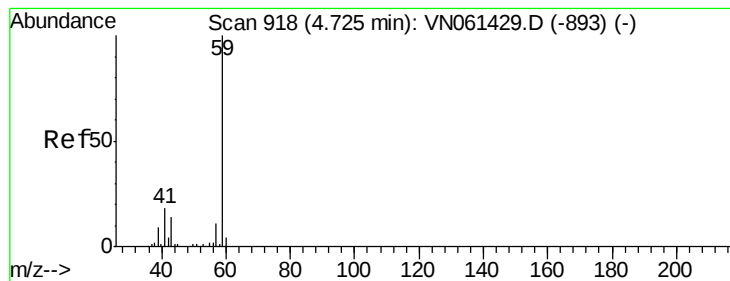


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



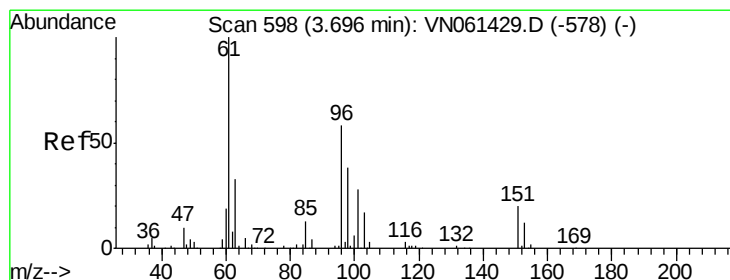
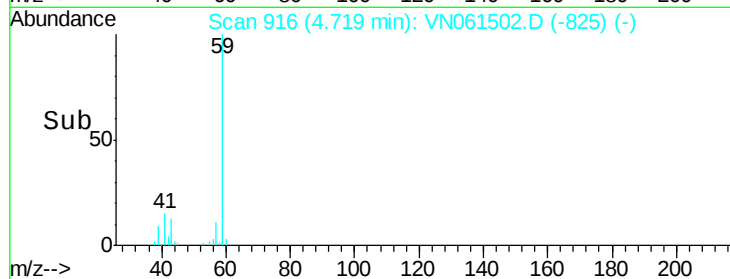
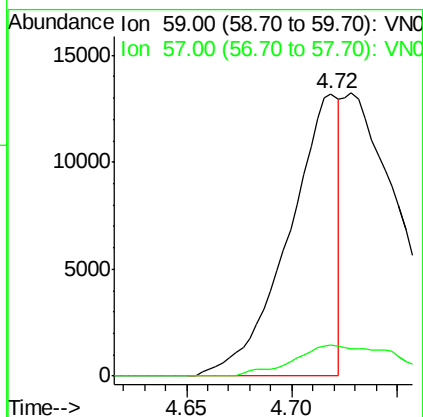
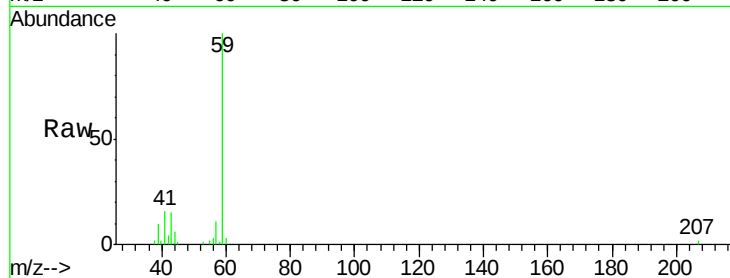


#11

Tert butyl alcohol
 Concen: 45.428 ug/l
 RT: 4.72 min Scan# 916
 Delta R.T. -0.01 min
 Lab File: VN061502.D
 Acq: 20 May 2020 15:53

Instrument :
 MSVOA_N
 ClientSampled :

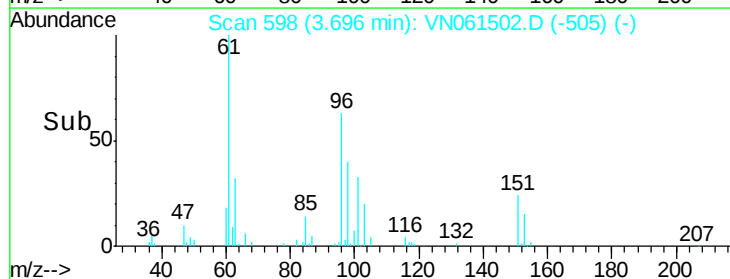
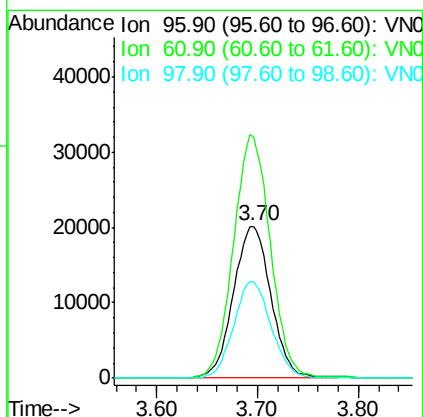
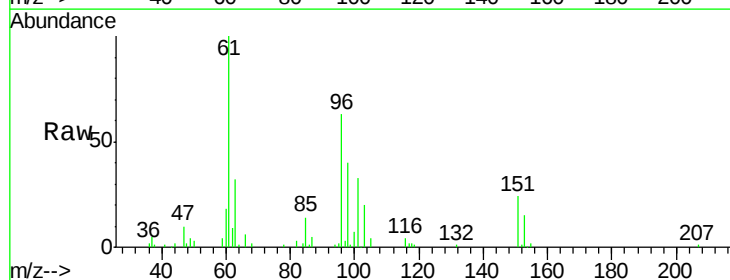
Tot Ion: 59 Resp: 21826
 Ion Ratio Lower Upper
 59 100
 57 22.6 8.2 12.2#

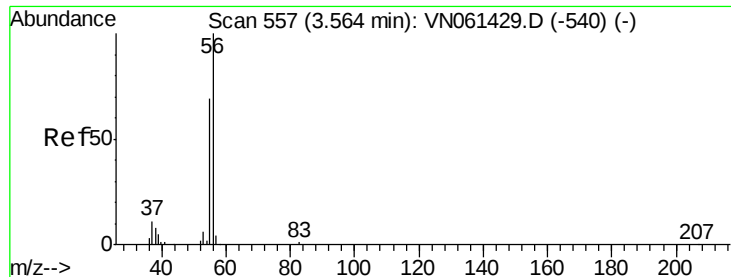


#12

1,1-Dichloroethene
 Concen: 18.192 ug/l
 RT: 3.70 min Scan# 598
 Delta R.T. -0.00 min
 Lab File: VN061502.D
 Acq: 20 May 2020 15:53

Tgt Ion: 96 Resp: 52098
 Ion Ratio Lower Upper
 96 100
 61 159.4 138.7 208.1
 98 63.4 53.0 79.6





#13

Acrolein

Concen: 39.184 ug/l

RT: 3.56 min Scan# 557

Delta R.T. 0.00 min

Lab File: VN061502.D

Acq: 20 May 2020 15:53

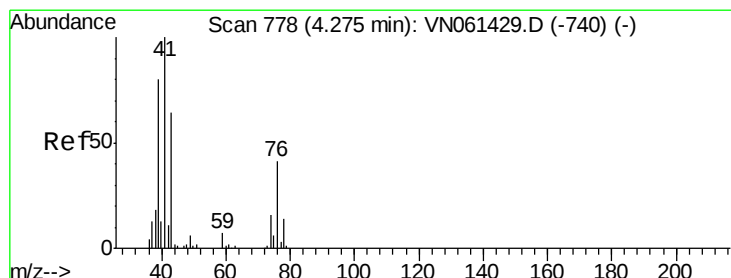
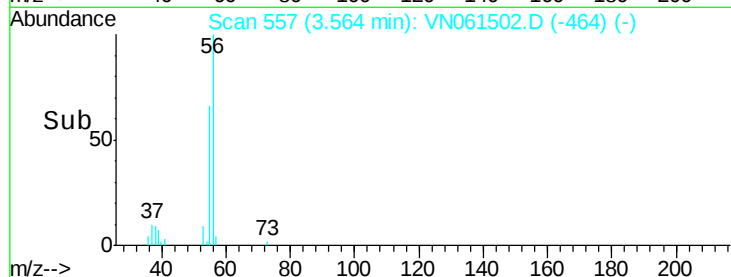
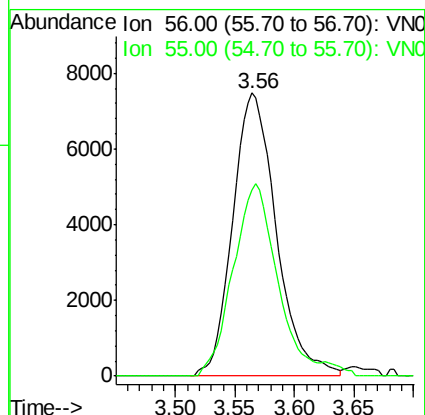
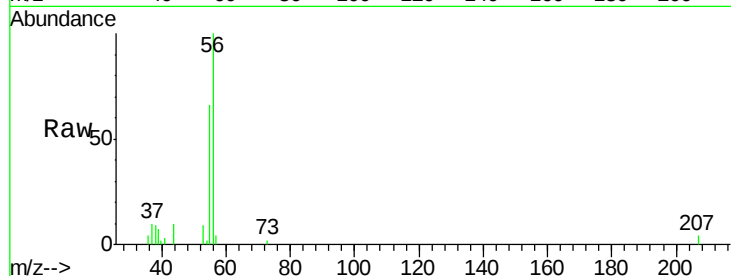
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 19003

Ion Ratio Lower Upper

56 100

55 68.0 54.8 82.2



#14

Allyl chloride

Concen: 16.773 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN061502.D

Acq: 20 May 2020 15:53

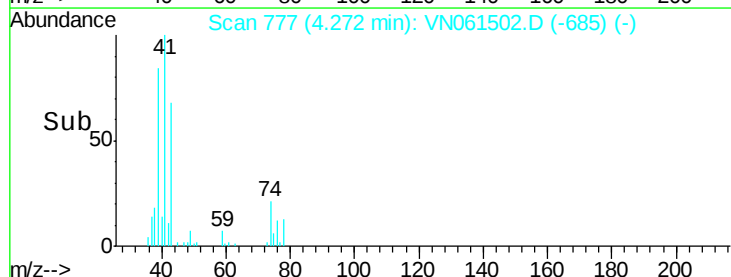
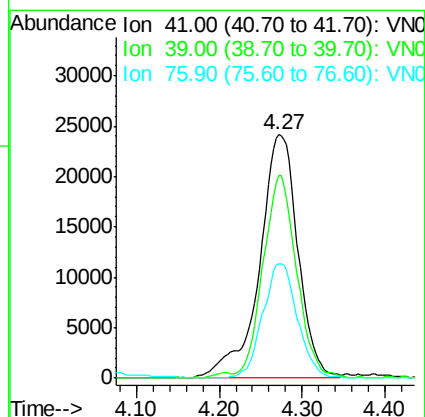
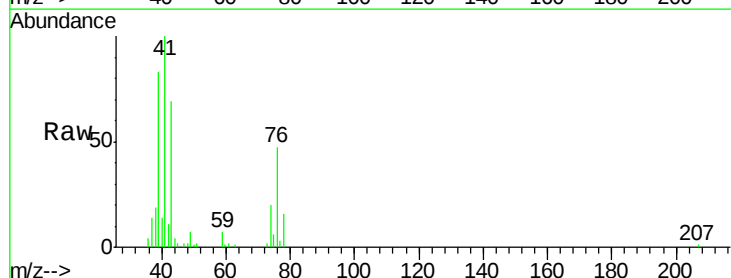
Tgt Ion: 41 Resp: 78175

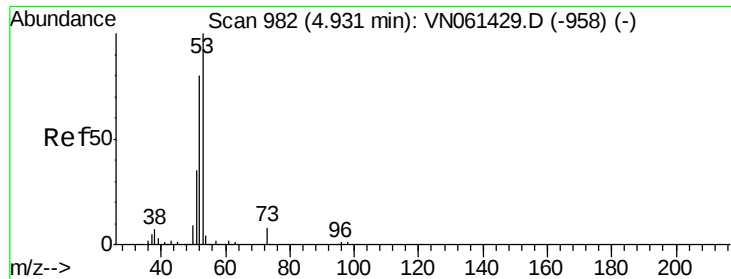
Ion Ratio Lower Upper

41 100

39 72.5 61.2 91.8

76 42.1 29.9 44.9





#15

Acrylonitrile

Concen: 86.140 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN061502.D

Acq: 20 May 2020 15:53

Instrument :

MSVOA_N

ClientSampleId :

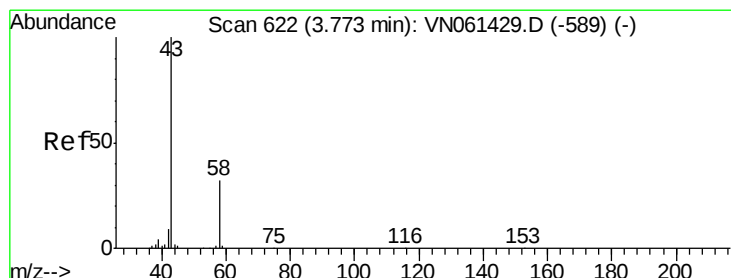
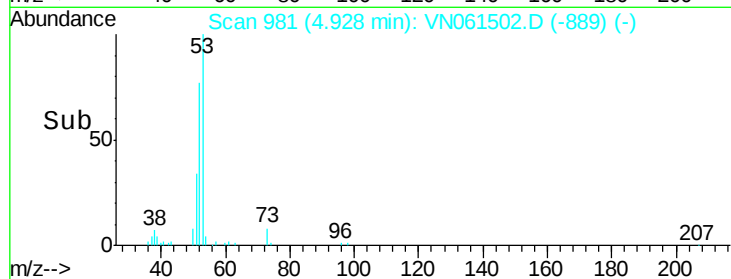
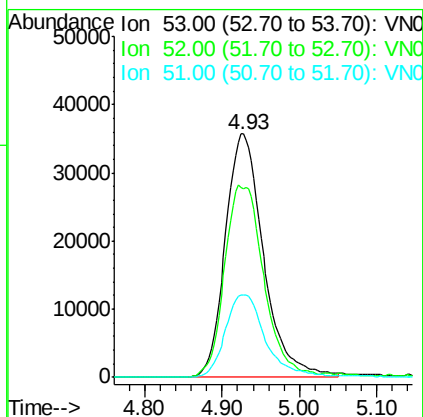
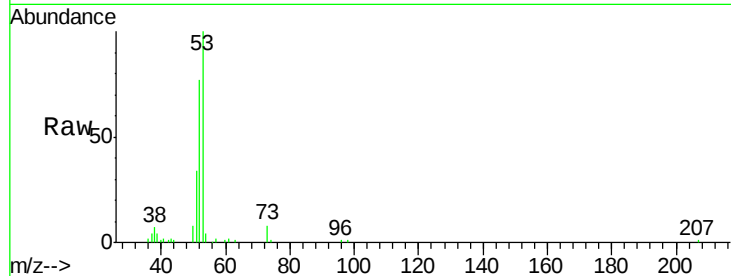
Tot Ion: 53 Resp: 122614

Ion Ratio Lower Upper

53 100

52 80.9 64.7 97.1

51 35.4 29.5 44.3



#16

Acetone

Concen: 84.366 ug/l

RT: 3.77 min Scan# 621

Delta R.T. -0.00 min

Lab File: VN061502.D

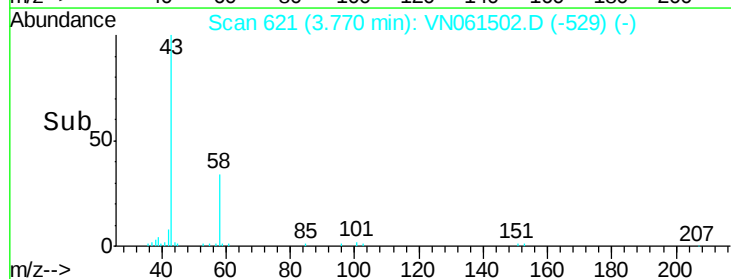
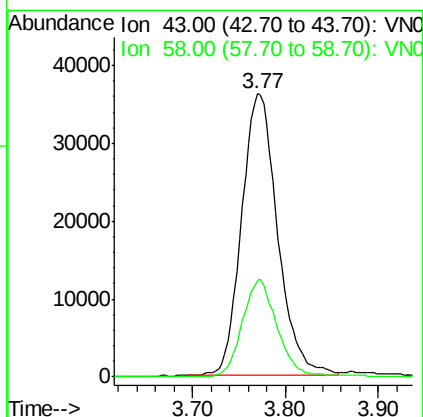
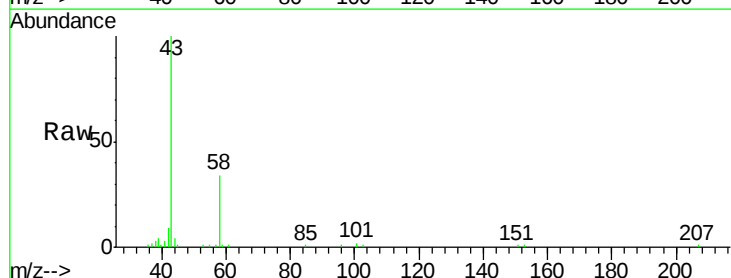
Acq: 20 May 2020 15:53

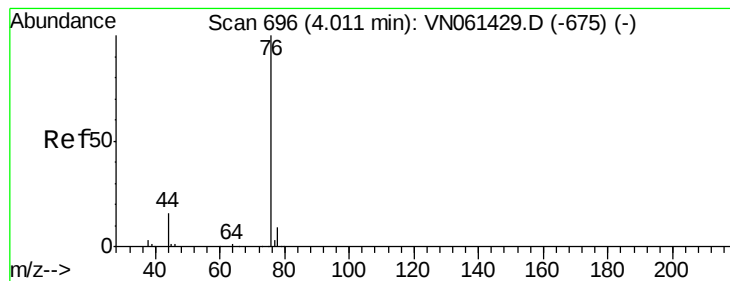
Tgt Ion: 43 Resp: 98085

Ion Ratio Lower Upper

43 100

58 34.4 25.6 38.4





#17

Carbon Disulfide

Concen: 19.749 ug/l

RT: 4.01 min Scan# 695

Delta R.T. -0.00 min

Lab File: VN061502.D

Acq: 20 May 2020 15:53

Instrument :

MSVOA_N

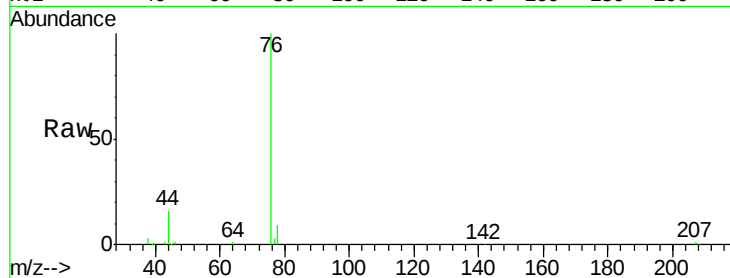
ClientSampleId :

Tot Ion: 76 Resp: 133250

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VN061429.D (-675) (-)

Ion 77.90 (77.60 to 78.60): VN061429.D (-675) (-)

4.01

50000

40000

30000

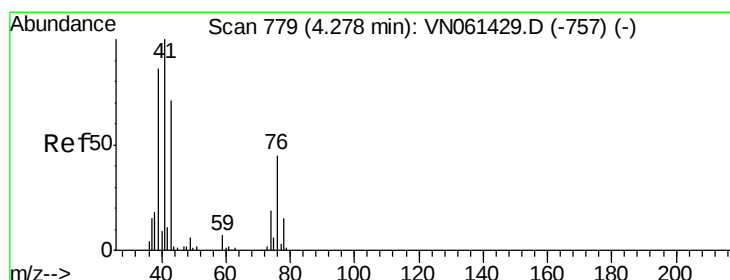
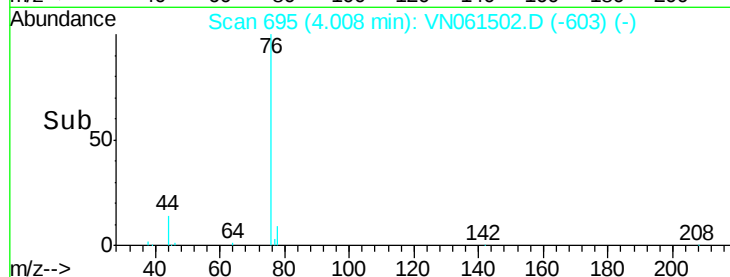
20000

10000

0

Time-->

3.90 4.00 4.10



#18

Methyl Acetate

Concen: 16.953 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN061502.D

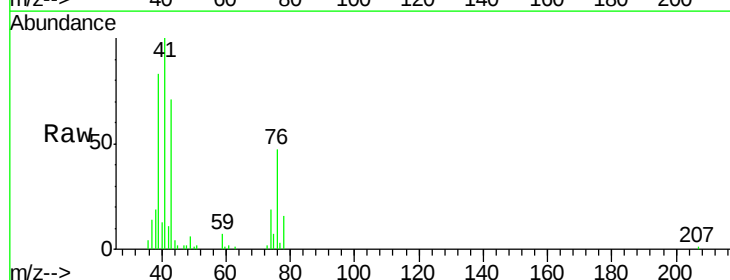
Acq: 20 May 2020 15:53

Tgt Ion: 43 Resp: 50502

Ion Ratio Lower Upper

43 100

74 27.2 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VN061429.D (-757) (-)

Ion 74.00 (73.70 to 74.70): VN061429.D (-757) (-)

4.27

20000

15000

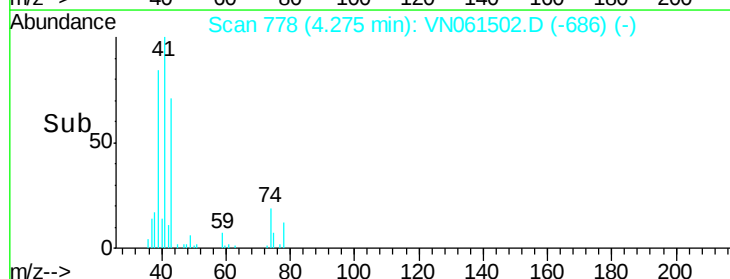
10000

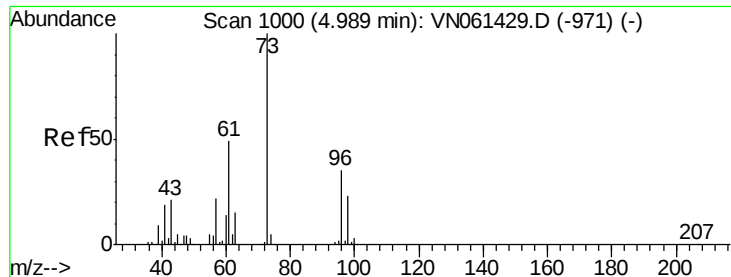
5000

0

Time-->

4.20 4.30 4.40

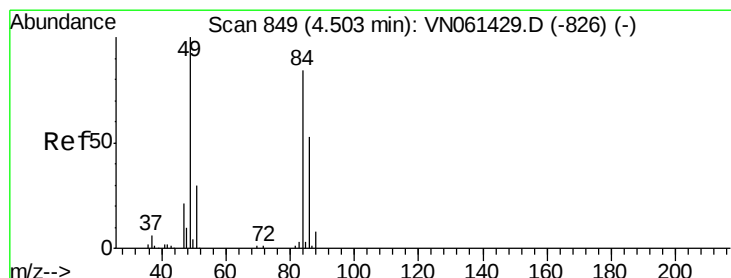
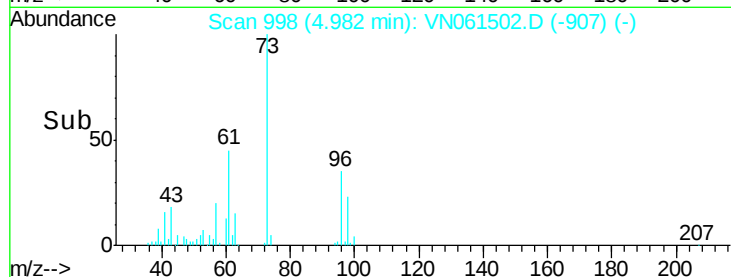
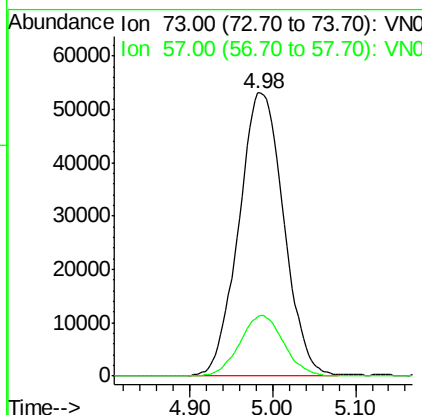
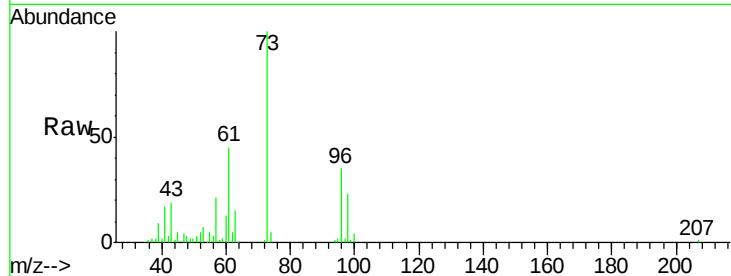




#19
Methvl tert-butvl Ether
Concen: 18.439 ug/l
RT: 4.98 min Scan# 998
Delta R.T. -0.01 min
Lab File: VN061502.D
Acq: 20 May 2020 15:53

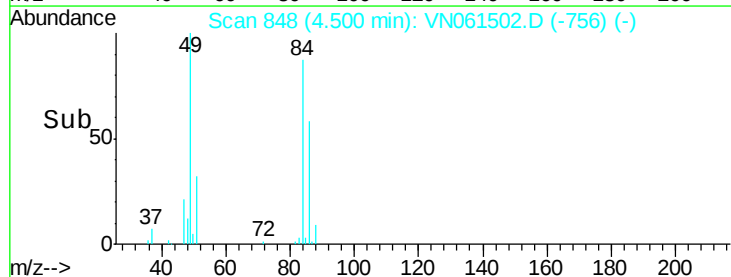
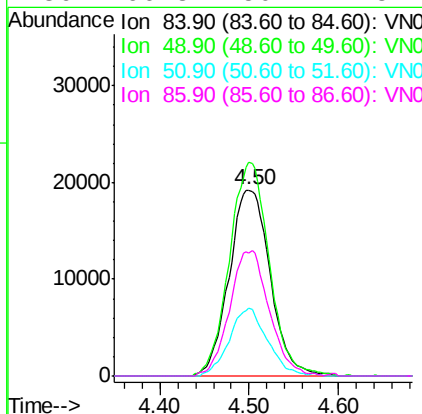
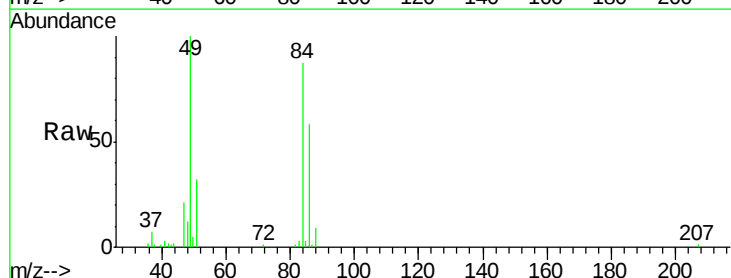
Instrument :
MSVOA_N
ClientSampled :

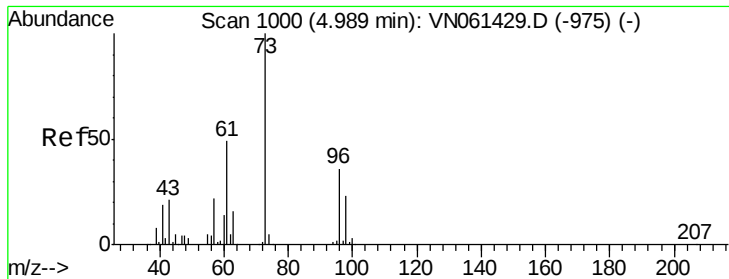
Tot Ion: 73 Resp: 200397
Ion Ratio Lower Upper
73 100
57 21.0 17.4 26.0



#20
Methylene Chloride
Concen: 17.976 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN061502.D
Acq: 20 May 2020 15:53

Tgt Ion: 84 Resp: 61603
Ion Ratio Lower Upper
84 100
49 114.8 95.3 142.9
51 36.2 29.0 43.6
86 66.3 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 18.252 ug/l

RT: 4.98 min Scan# 998

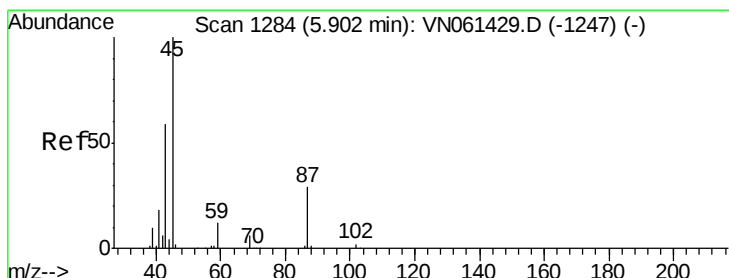
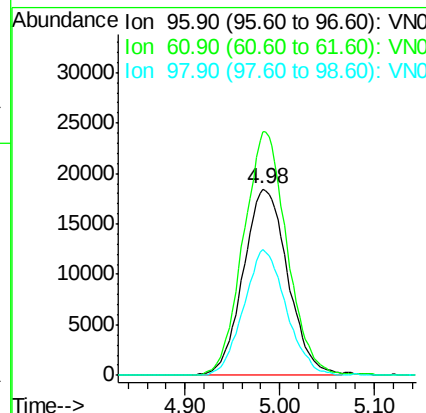
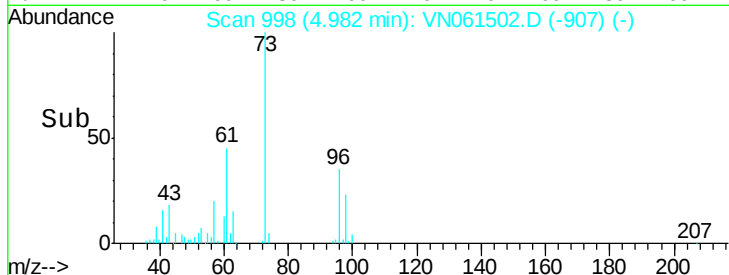
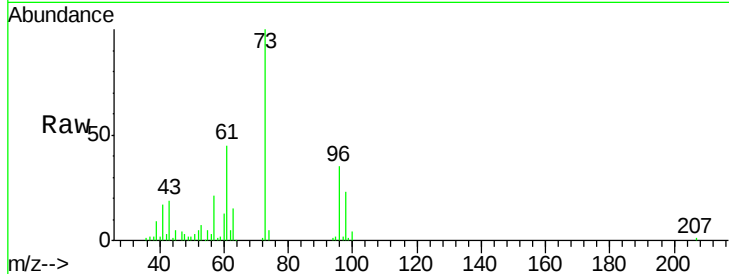
Delta R.T. -0.01 min

Lab File: VN061502.D

Acq: 20 May 2020 15:53

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:	96	Resp:	60275
Ion	Ratio	Lower	Upper
96	100		
61	130.8	109.8	164.6
98	67.6	52.4	78.6



#22

Diisopropyl ether

Concen: 16.777 ug/l

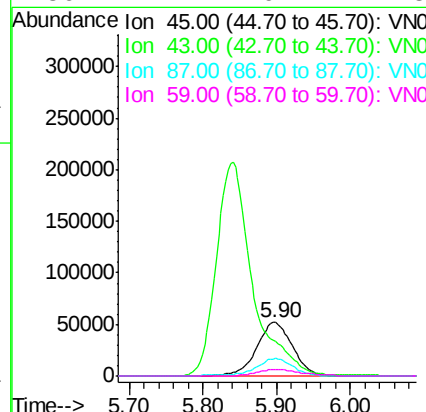
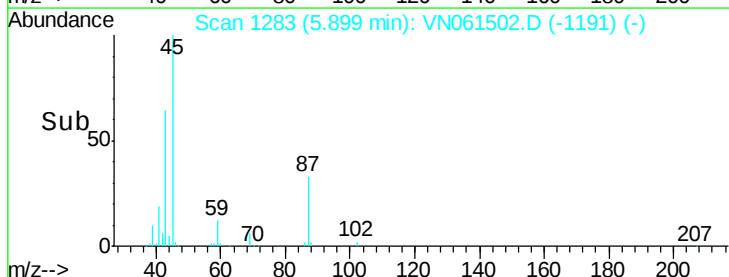
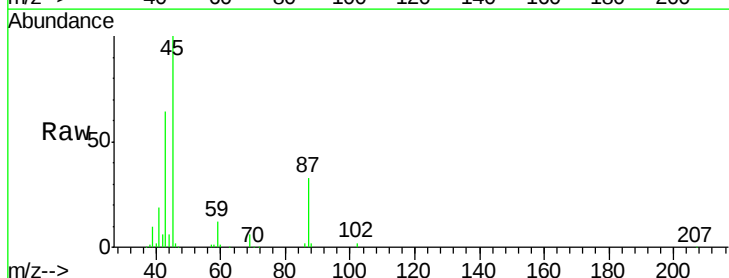
RT: 5.90 min Scan# 1283

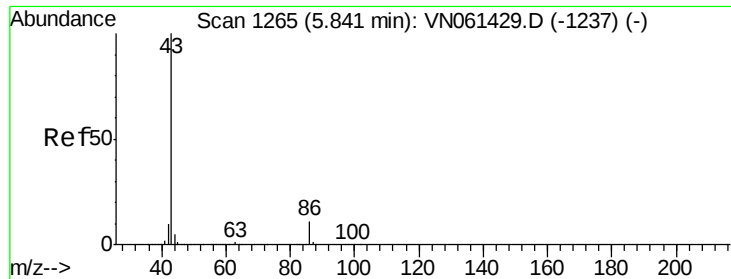
Delta R.T. -0.00 min

Lab File: VN061502.D

Acq: 20 May 2020 15:53

Tgt Ion:	45	Resp:	175705
Ion	Ratio	Lower	Upper
45	100		
43	61.9	47.9	71.9
87	32.9	24.0	36.0
59	12.1	9.7	14.5

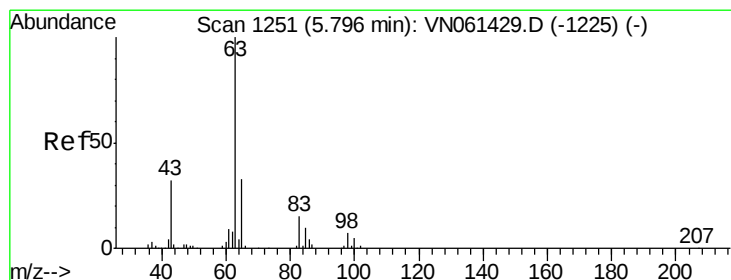
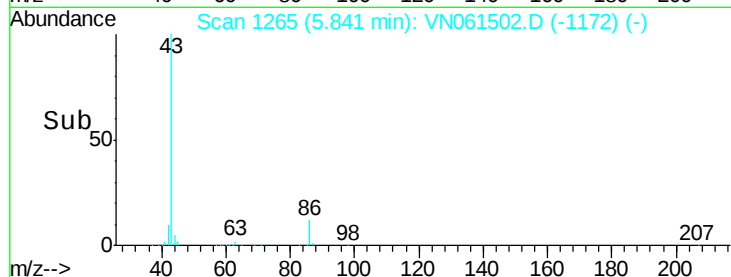
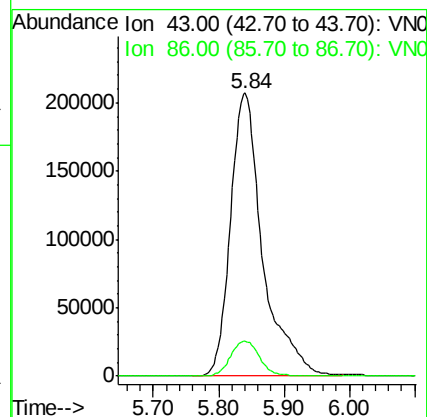
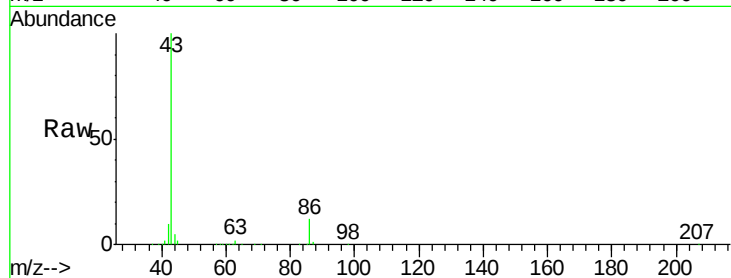




#23
 Vinyl Acetate
 Concen: 85.094 ug/l
 RT: 5.84 min Scan# 1265
 Delta R.T. -0.00 min
 Lab File: VN061502.D
 Acq: 20 May 2020 15:53

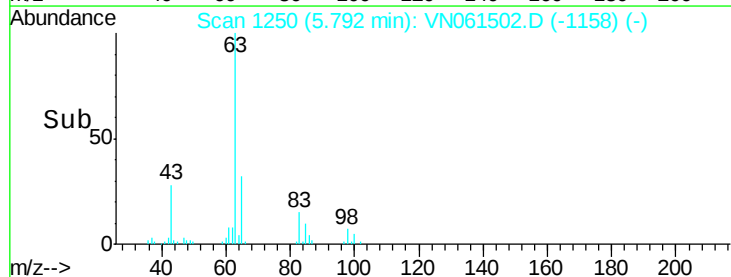
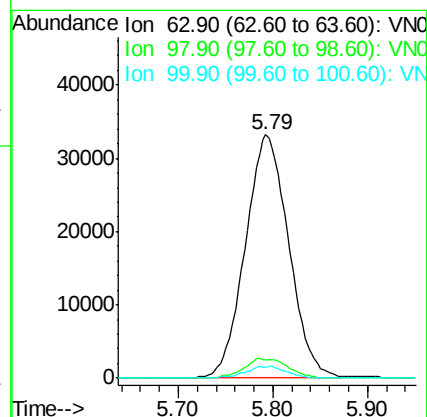
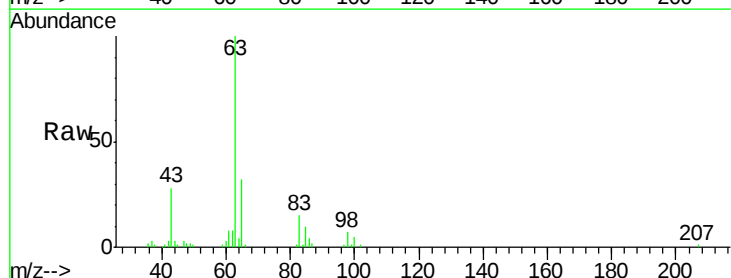
Instrument :
 MSVOA_N
 ClientSampleId :

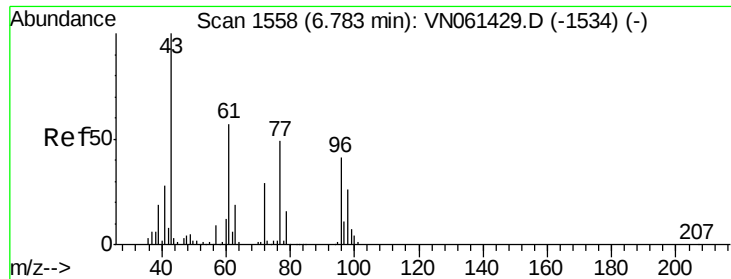
Tot Ion: 43 Resp: 708699
 Ion Ratio Lower Upper
 43 100
 86 12.3 9.1 13.7



#24
 1,1-Dichloroethane
 Concen: 17.311 ug/l
 RT: 5.79 min Scan# 1250
 Delta R.T. -0.00 min
 Lab File: VN061502.D
 Acq: 20 May 2020 15:53

Tgt Ion: 63 Resp: 105750
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.5 10.5
 100 4.5 2.3 6.9





#25

2-Butanone

Concen: 80.772 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. -0.00 min

Lab File: VN061502.D

Acq: 20 May 2020 15:53

Instrument :

MSVOA_N

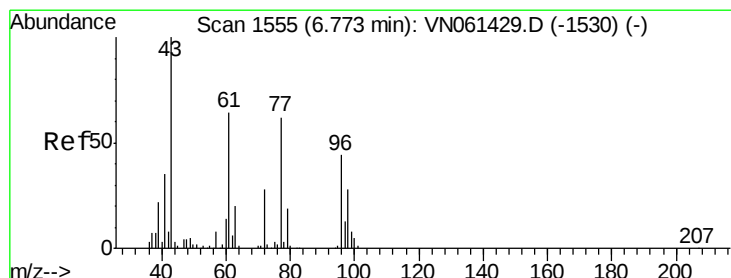
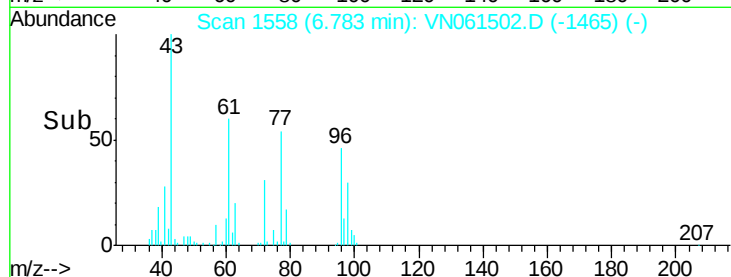
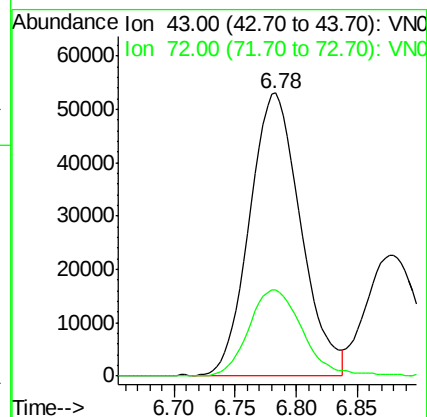
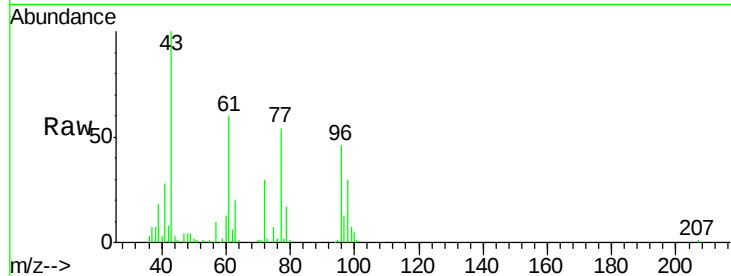
ClientSampled :

Tot Ion: 43 Resp: 153350

Ion Ratio Lower Upper

43 100

72 30.6 23.0 34.6



#26

2,2-Dichloropropane

Concen: 17.542 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. -0.00 min

Lab File: VN061502.D

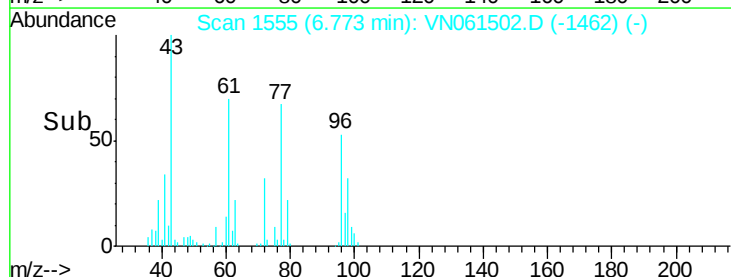
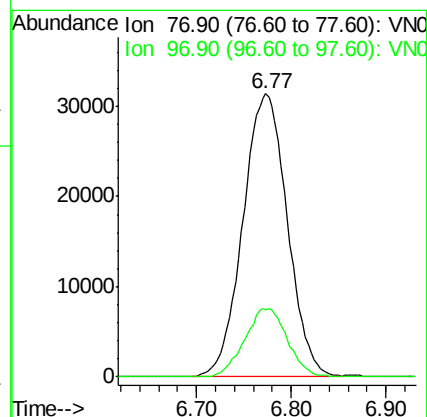
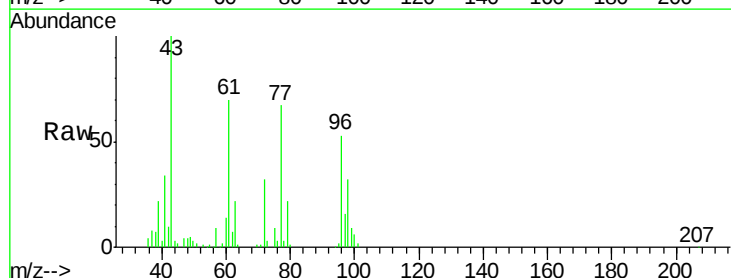
Acq: 20 May 2020 15:53

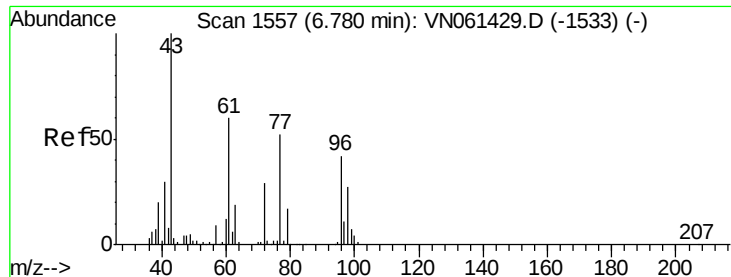
Tgt Ion: 77 Resp: 102157

Ion Ratio Lower Upper

77 100

97 23.2 10.9 32.9

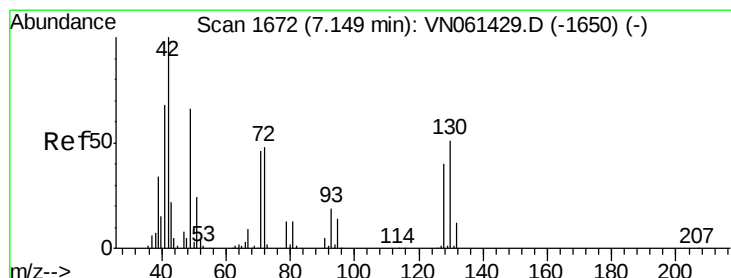
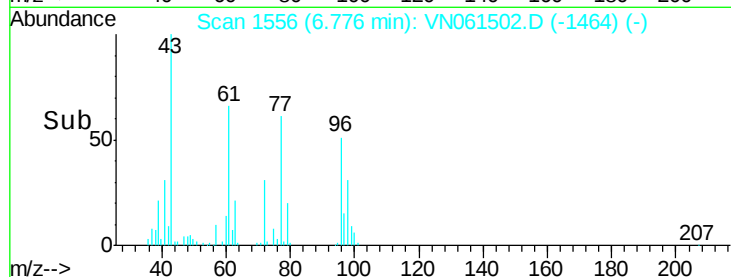
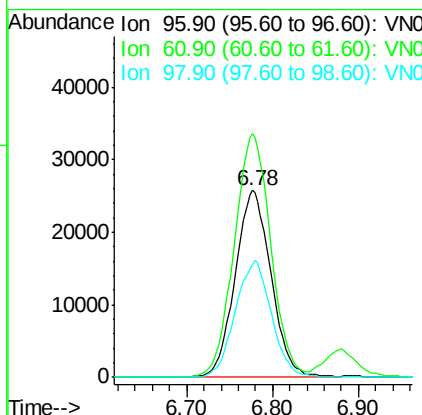
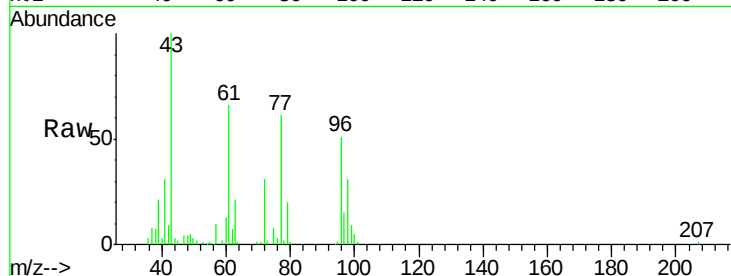




#27
 cis-1,2-Dichloroethene
 Concen: 19.142 ug/l
 RT: 6.78 min Scan# 1556
 Delta R.T. -0.00 min
 Lab File: VN061502.D
 Acq: 20 May 2020 15:53

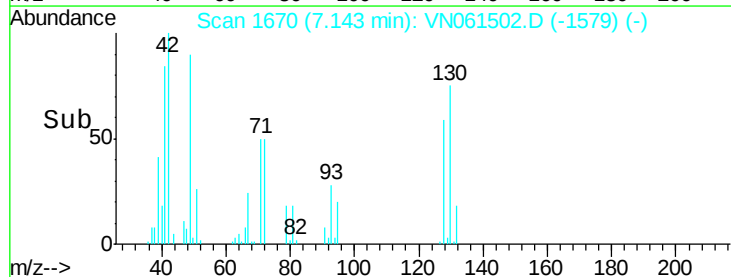
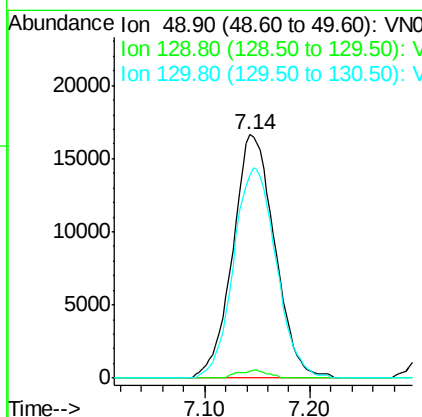
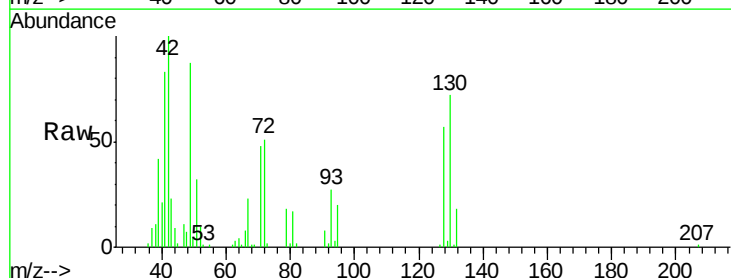
Instrument :
 MSVOA_N
 ClientSampleId :

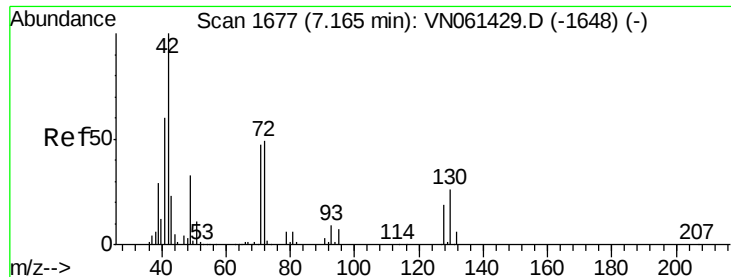
Tot Ion: 96 Resp: 74670
 Ion Ratio Lower Upper
 96 100
 61 132.8 0.0 294.2
 98 62.5 0.0 128.2



#28
 Bromochloromethane
 Concen: 17.751 ug/l
 RT: 7.14 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: VN061502.D
 Acq: 20 May 2020 15:53

Tgt Ion: 49 Resp: 46028
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.6
 130 87.6 62.2 93.2

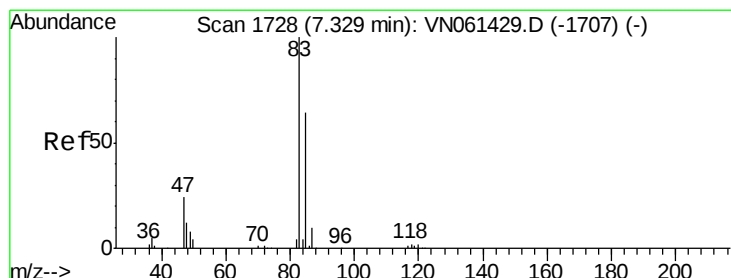
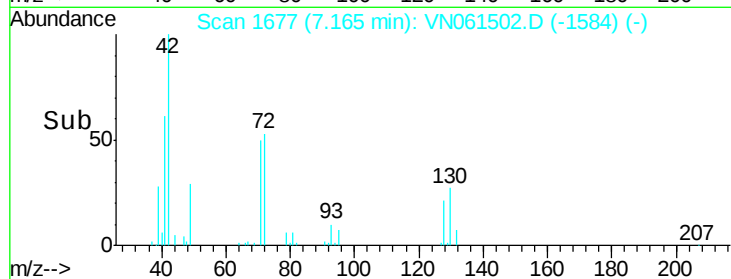
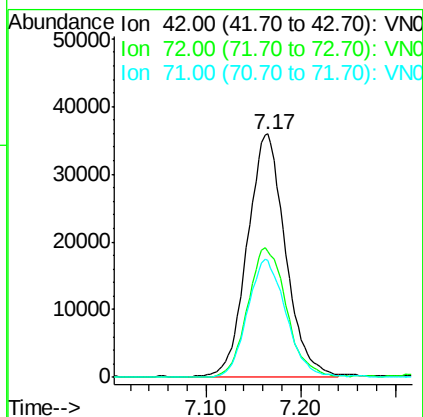
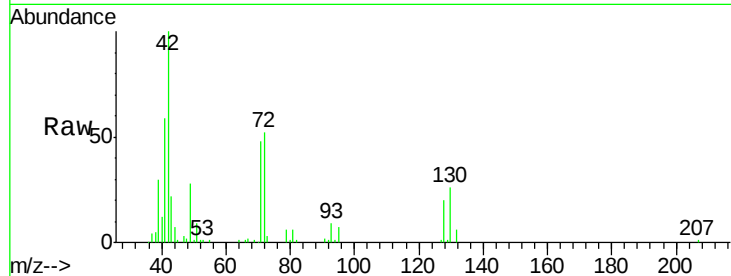




#29
Tetrahydrofuran
Concen: 80.204 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN061502.D
Acq: 20 May 2020 15:53

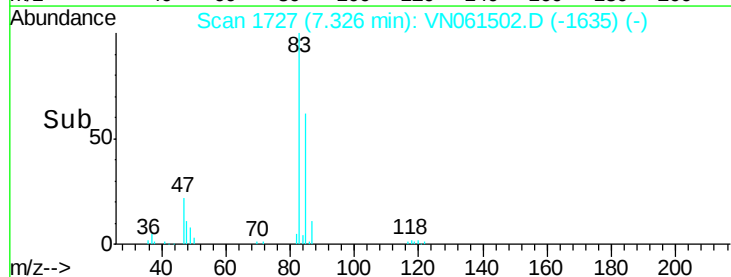
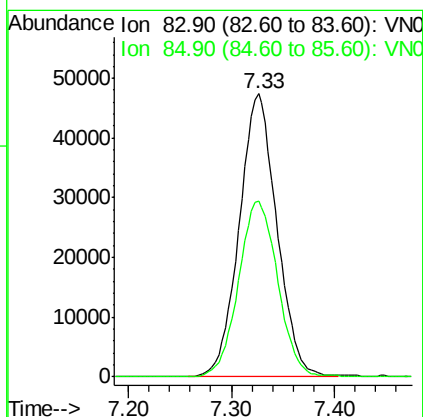
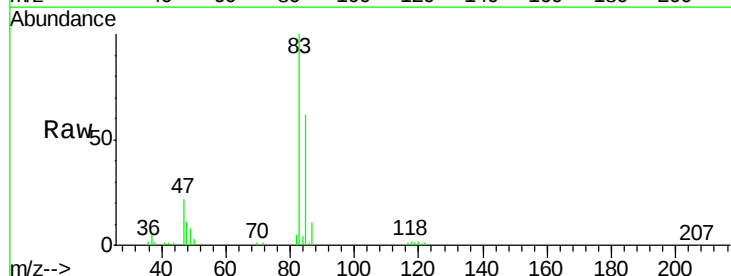
Instrument :
MSVOA_N
ClientSampled :

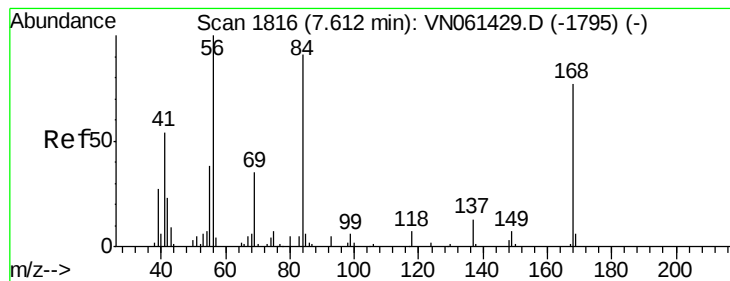
Tot Ion: 42 Resp: 100845
Ion Ratio Lower Upper
42 100
72 54.0 39.0 58.6
71 48.8 36.9 55.3



#30
Chloroform
Concen: 18.852 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN061502.D
Acq: 20 May 2020 15:53

Tgt Ion: 83 Resp: 120281
Ion Ratio Lower Upper
83 100
85 62.2 51.0 76.4





#31

Cyclohexane

Concen: 15.136 ug/l

RT: 7.61 min Scan# 1815

Delta R.T. -0.00 min

Lab File: VN061502.D

Acq: 20 May 2020 15:53

Instrument :
MSVOA_N
ClientSampled :

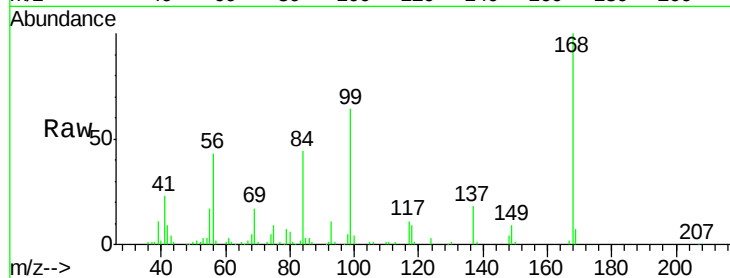
Tot Ion: 56 Resp: 92547

Ion Ratio Lower Upper

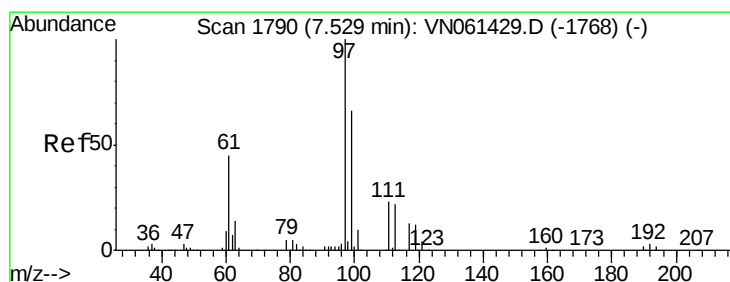
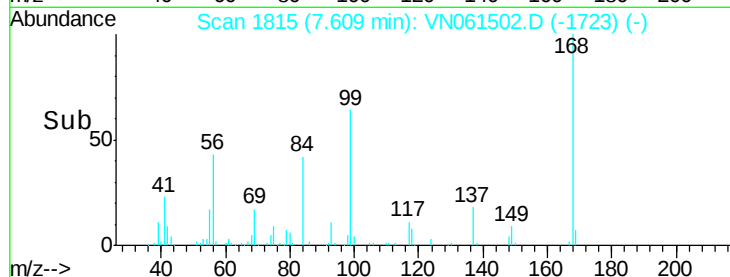
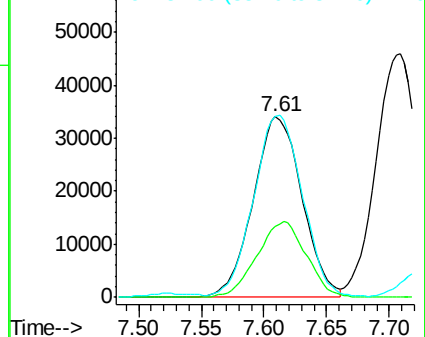
56 100

69 39.1 27.8 41.6

84 98.7 72.7 109.1



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: 18.789 ug/l

RT: 7.53 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VN061502.D

Acq: 20 May 2020 15:53

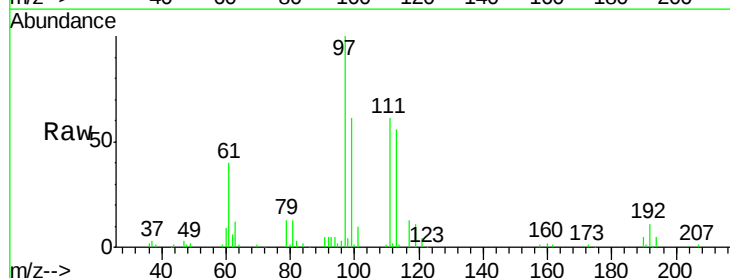
Tgt Ion: 97 Resp: 109546

Ion Ratio Lower Upper

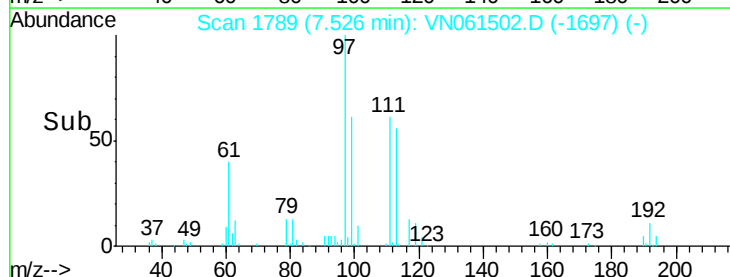
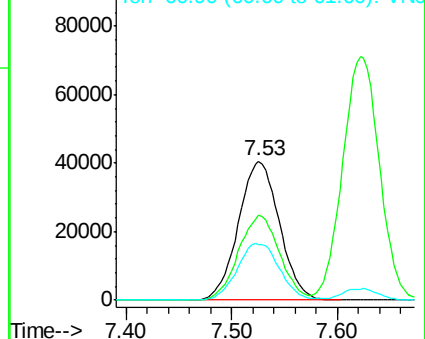
97 100

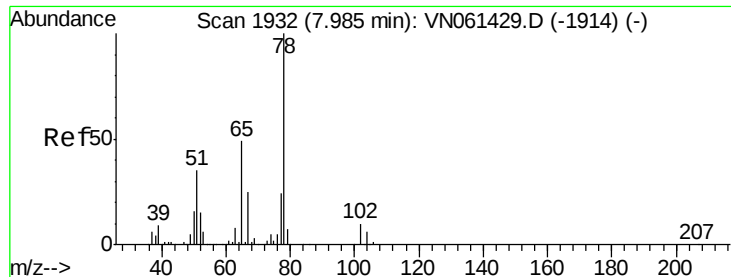
99 61.1 51.5 77.3

61 41.8 35.8 53.6



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: 44.037 ug/l

RT: 7.99 min Scan# 1932

Delta R.T. -0.00 min

Lab File: VN061502.D

Acq: 20 May 2020 15:53

Instrument :

MSVOA_N

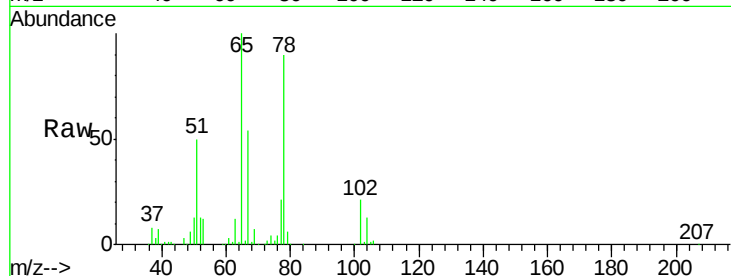
ClientSampleId :

Tot Ion: 65 Resp: 183627

Ion Ratio Lower Upper

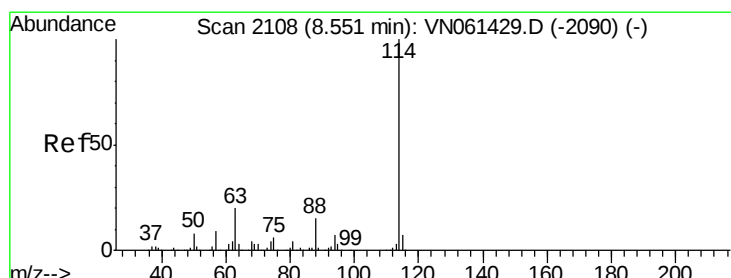
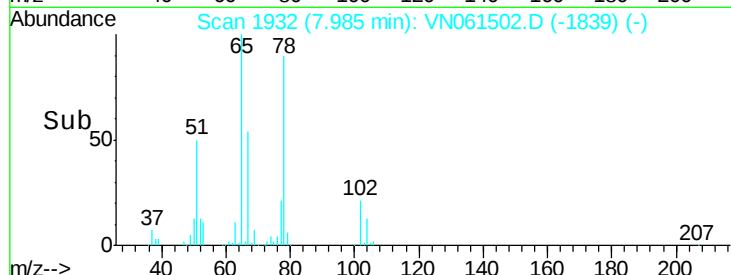
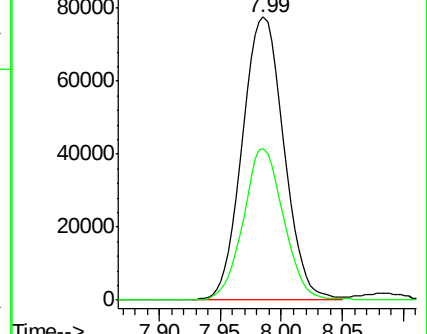
65 100

67 52.0 0.0 101.4



Abundance Ion 64.90 (64.60 to 65.60): VN061429.D (-1914) (-)

Ion 66.90 (66.60 to 67.60): VN061429.D (-1914) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2107

Delta R.T. -0.00 min

Lab File: VN061502.D

Acq: 20 May 2020 15:53

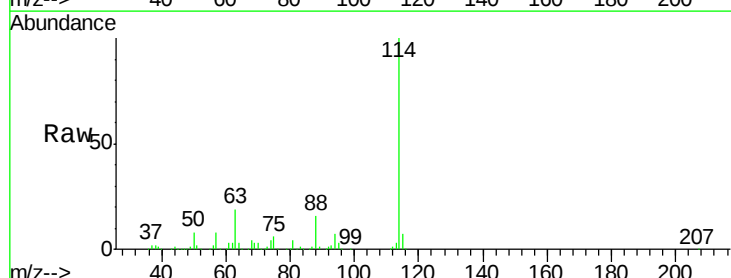
Tgt Ion: 114 Resp: 494130

Ion Ratio Lower Upper

114 100

63 18.8 0.0 40.8

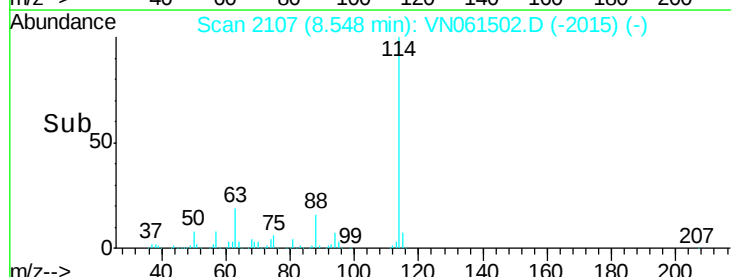
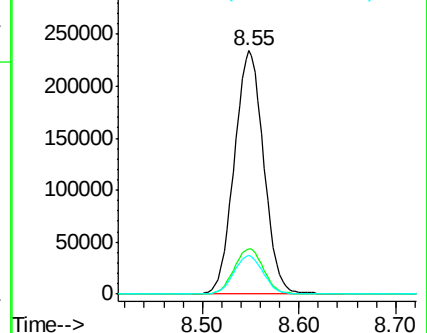
88 15.9 0.0 30.8

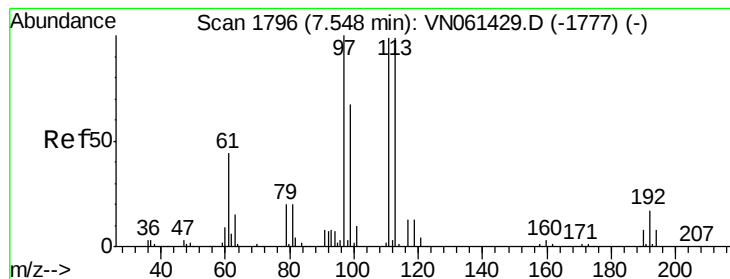


Abundance Ion 113.90 (113.60 to 114.60): VN061429.D (-2090) (-)

Ion 63.00 (62.70 to 63.70): VN061429.D (-2090) (-)

Ion 87.90 (87.60 to 88.60): VN061429.D (-2090) (-)





#35

Dibromofluoromethane

Concen: 51.789 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VN061502.D

Acq: 20 May 2020 15:53

Instrument :
MSVOA_N
ClientSampleId :

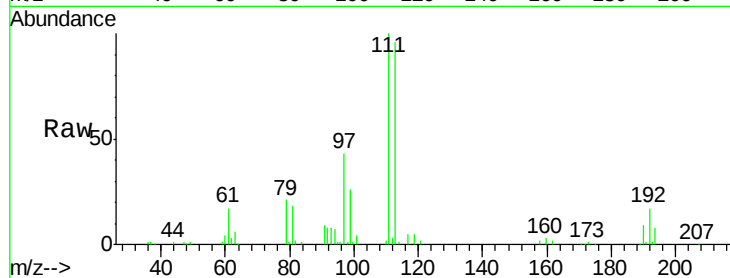
Tot Ion:113 Resp: 134062

Ion Ratio Lower Upper

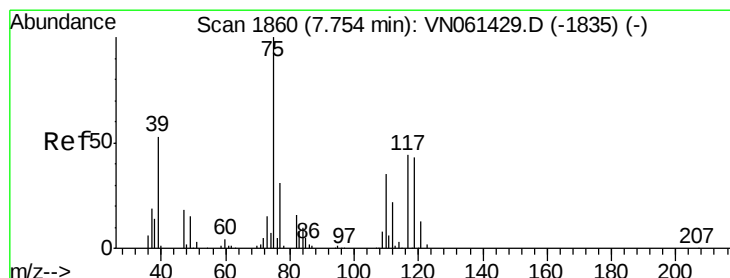
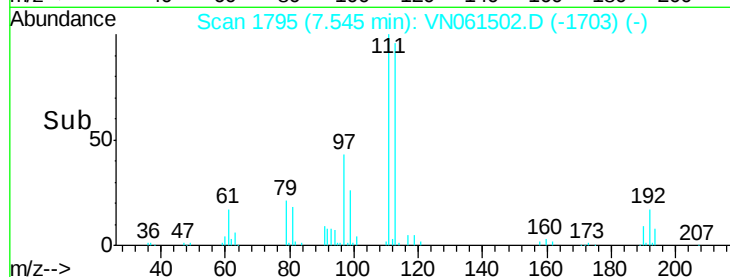
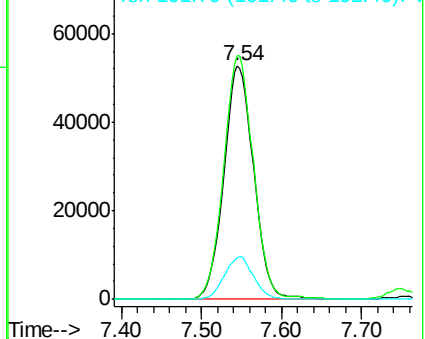
113 100

111 103.4 80.6 121.0

192 17.7 13.2 19.8



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



#36

1,1-Dichloropropene

Concen: 18.204 ug/l

RT: 7.75 min Scan# 1858

Delta R.T. -0.01 min

Lab File: VN061502.D

Acq: 20 May 2020 15:53

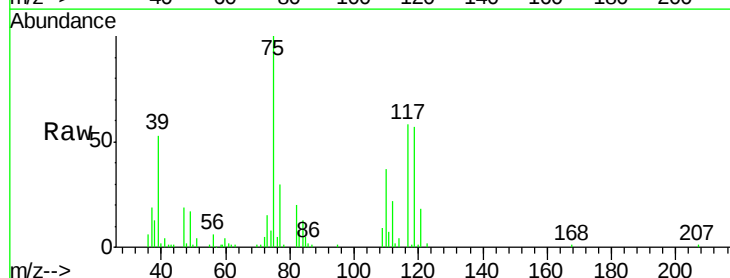
Tgt Ion: 75 Resp: 84109

Ion Ratio Lower Upper

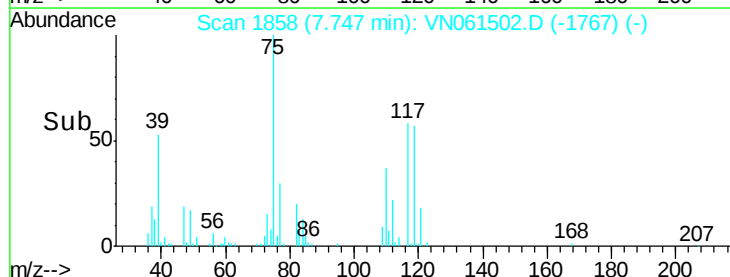
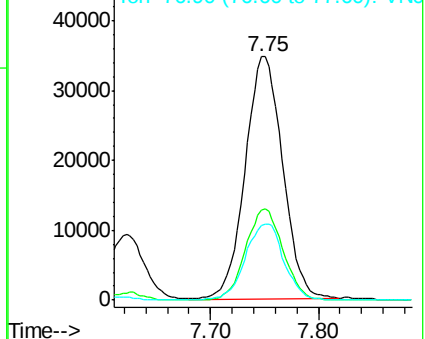
75 100

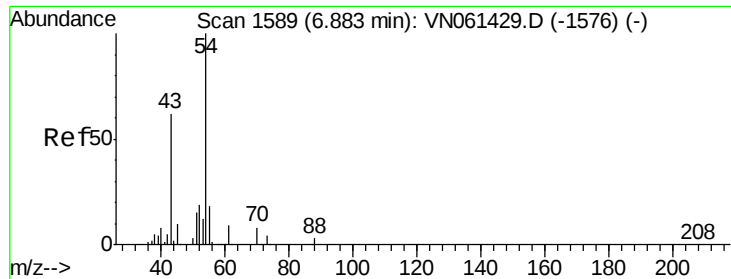
110 37.2 17.3 51.9

77 32.1 24.9 37.3



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

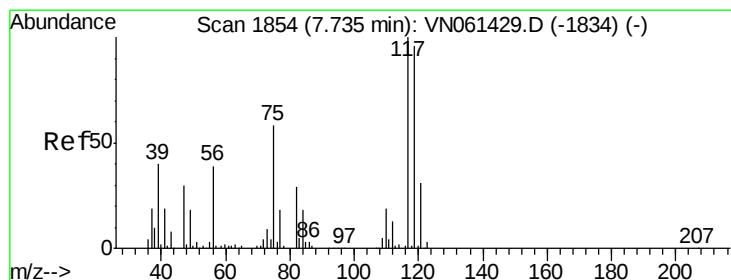
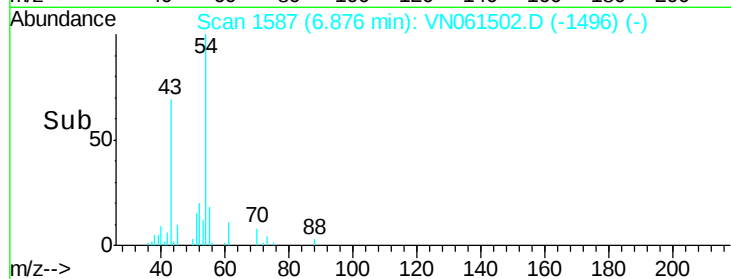
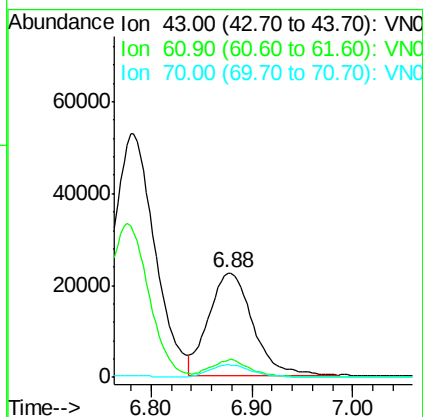
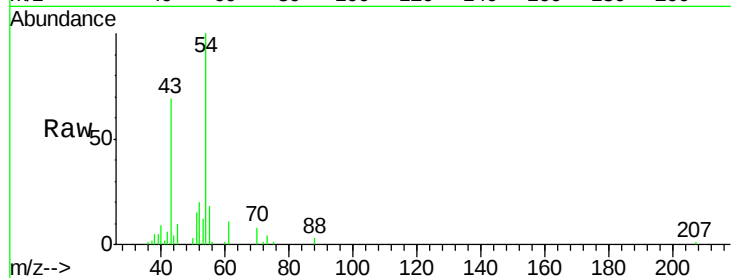




#37
Ethyl Acetate
Concen: 16.223 ug/l
RT: 6.88 min Scan# 1587
Delta R.T. -0.01 min
Lab File: VN061502.D
Acq: 20 May 2020 15:53

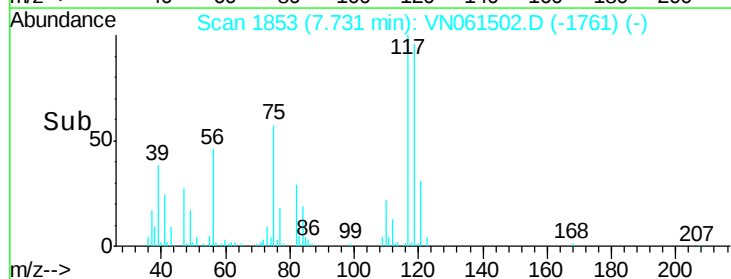
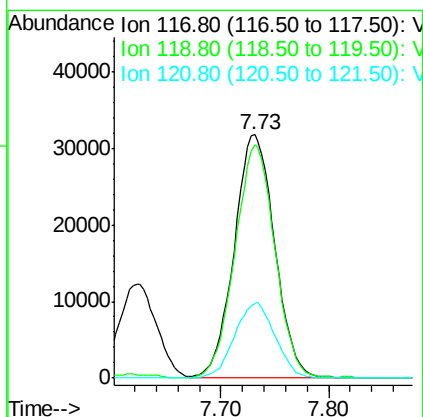
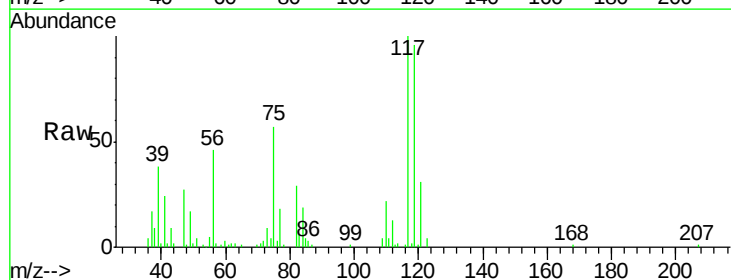
Instrument :
MSVOA_N
ClientSampleId :

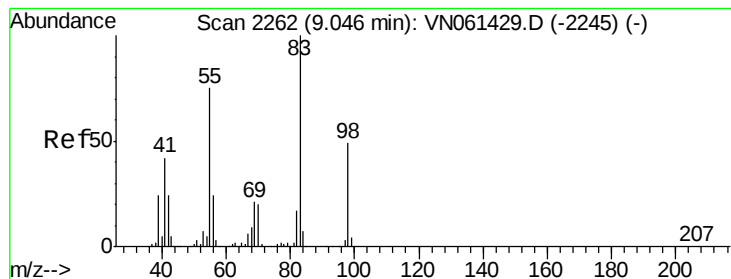
Tot Ion: 43 Resp: 67976
Ion Ratio Lower Upper
43 100
61 15.7 11.7 17.5
70 11.9 9.2 13.8



#38
Carbon Tetrachloride
Concen: 19.489 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN061502.D
Acq: 20 May 2020 15:53

Tgt Ion: 117 Resp: 82913
Ion Ratio Lower Upper
117 100
119 96.1 77.0 115.6
121 30.9 24.7 37.1





#39

Methvlcvclohexane

Concen: 16.975 ug/l

RT: 9.05 min Scan# 2262

Delta R.T. -0.00 min

Lab File: VN061502.D

Acq: 20 May 2020 15:53

Instrument :

MSVOA_N

ClientSampleId :

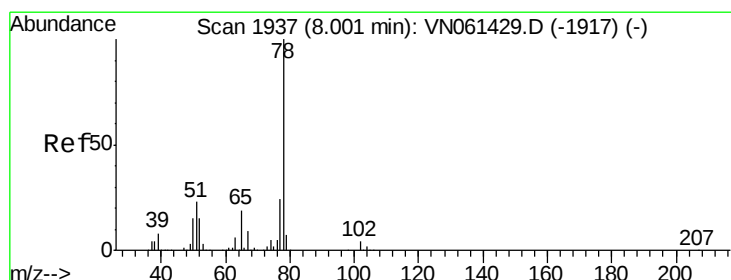
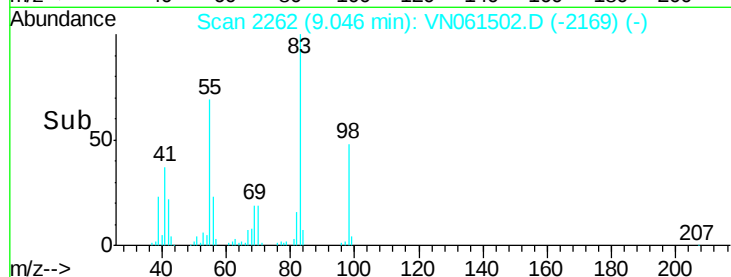
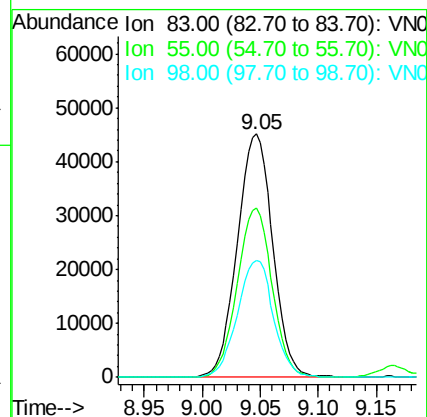
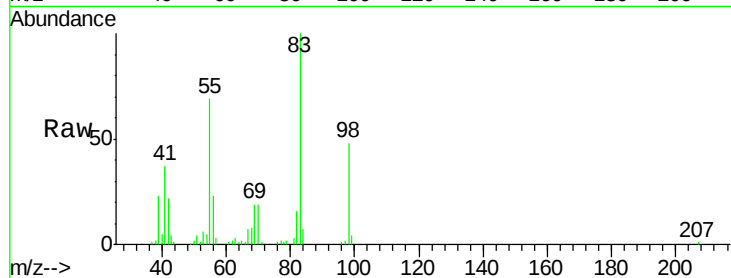
Tot Ion: 83 Resp: 95796

Ion Ratio Lower Upper

83 100

55 69.3 59.7 89.5

98 47.9 38.9 58.3



#40

Benzene

Concen: 18.551 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. -0.00 min

Lab File: VN061502.D

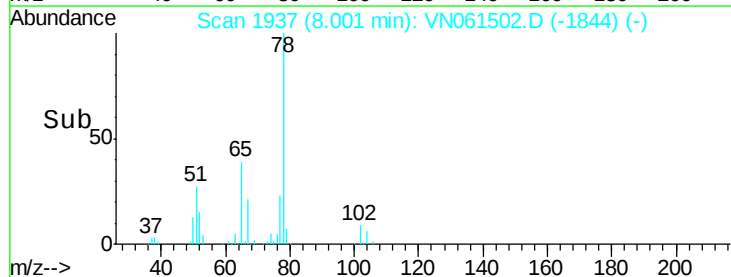
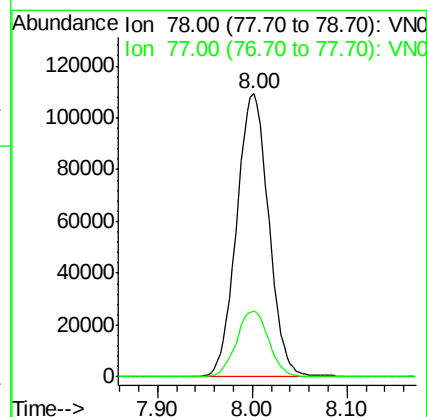
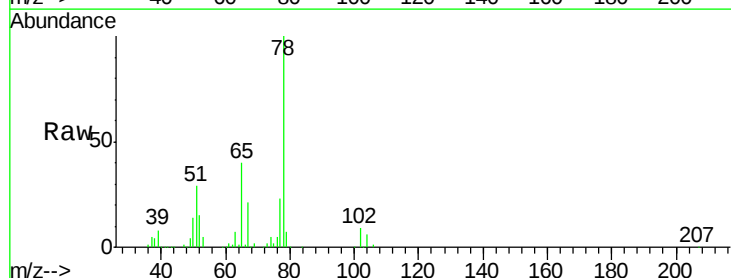
Acq: 20 May 2020 15:53

Tgt Ion: 78 Resp: 258300

Ion Ratio Lower Upper

78 100

77 23.4 19.1 28.7

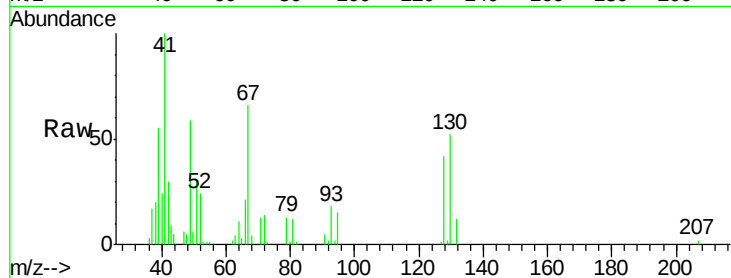




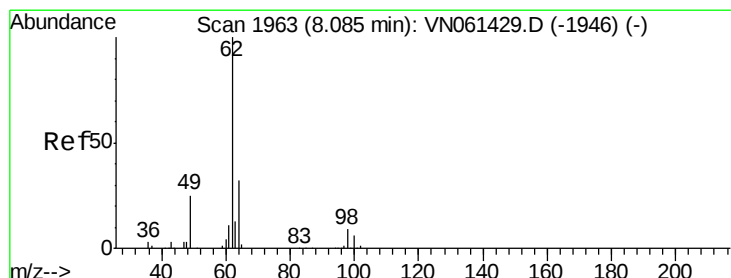
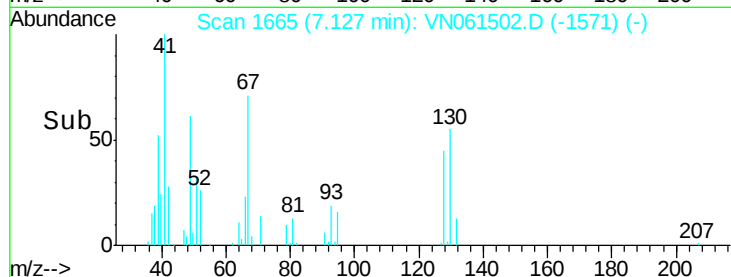
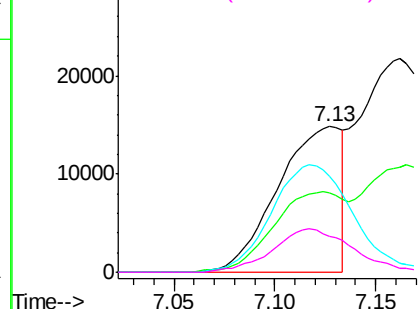
#41
Methacrylonitrile
Concen: 18.455 ug/l
RT: 7.13 min Scan# 1665
Delta R.T. 0.00 min
Lab File: VN061502.D
Acq: 20 May 2020 15:53

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 41 Resp: 32661
Ion Ratio Lower Upper
41 100
39 61.9 48.3 72.5
67 94.5 74.2 111.4
52 37.5 30.8 46.2

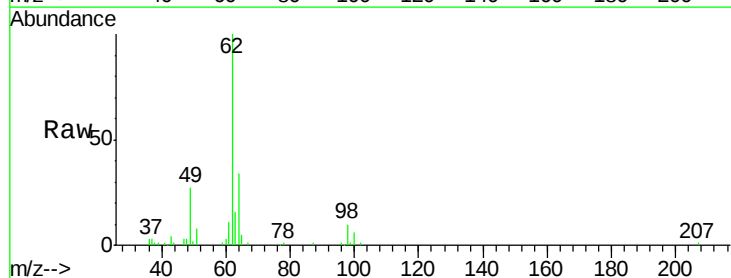


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

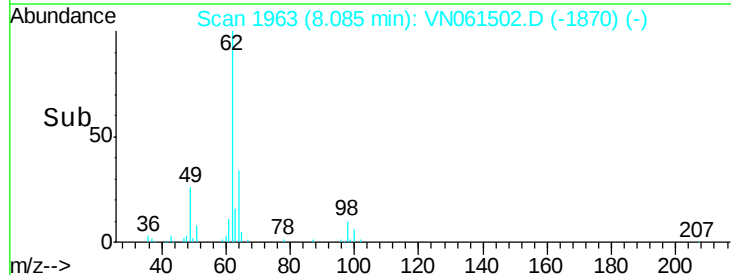
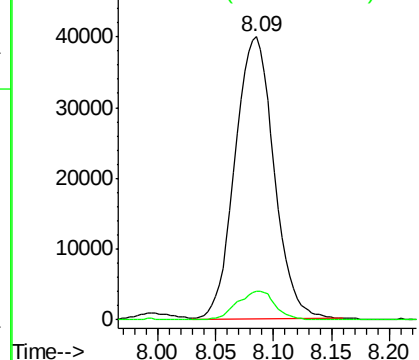


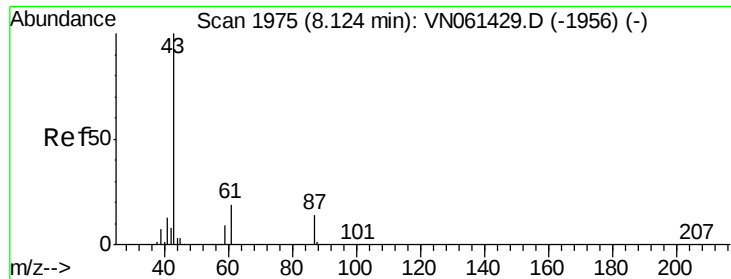
#42
1,2-Dichloroethane
Concen: 18.531 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN061502.D
Acq: 20 May 2020 15:53

Tgt Ion: 62 Resp: 92963
Ion Ratio Lower Upper
62 100
98 9.9 0.0 18.4



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





#43

Isopropyl Acetate

Concen: 16.937 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN061502.D

Acq: 20 May 2020 15:53

Instrument :

MSVOA_N

ClientSampleId :

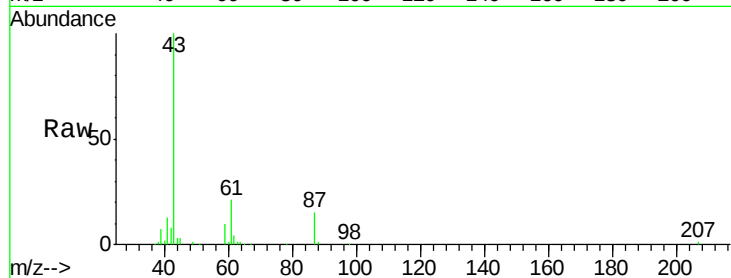
Tot Ion: 43 Resp: 123781

Ion Ratio Lower Upper

43 100

61 21.3 23.0 34.4#

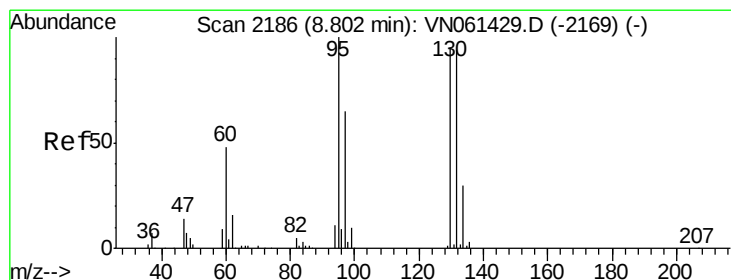
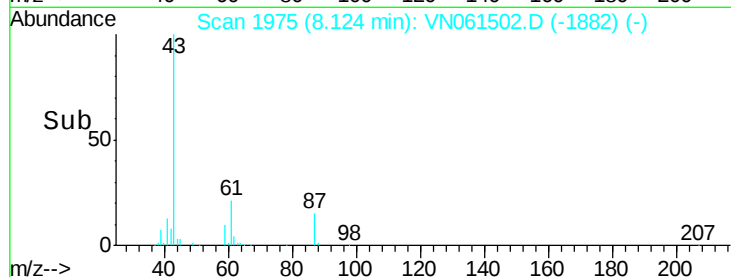
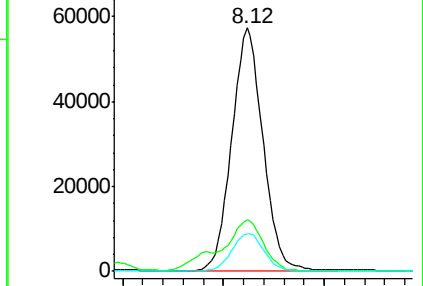
87 15.9 11.6 17.4



Abundance Ion 43.00 (42.70 to 43.70): VN061429.D (-1956) (-)

Ion 61.00 (60.70 to 61.70): VN061429.D (-1956) (-)

Ion 87.00 (86.70 to 87.70): VN061429.D (-1956) (-)



#44

Trichloroethene

Concen: 19.732 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN061502.D

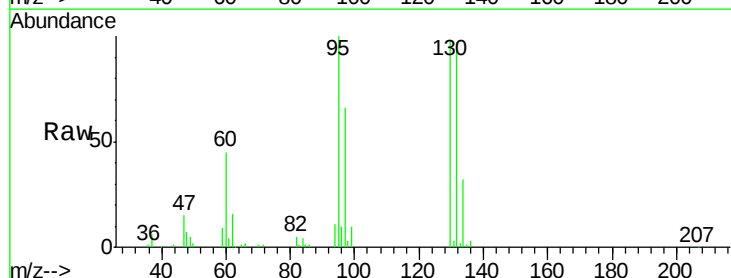
Acq: 20 May 2020 15:53

Tgt Ion:130 Resp: 71991

Ion Ratio Lower Upper

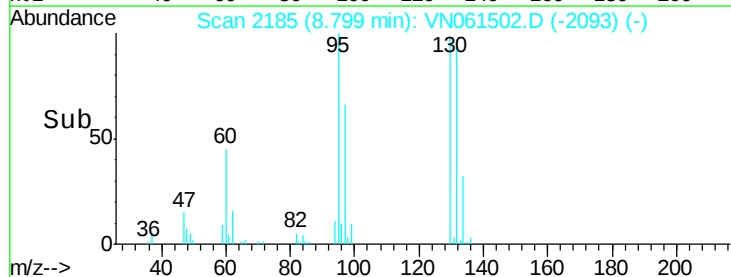
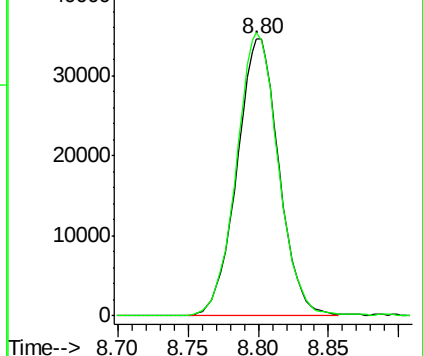
130 100

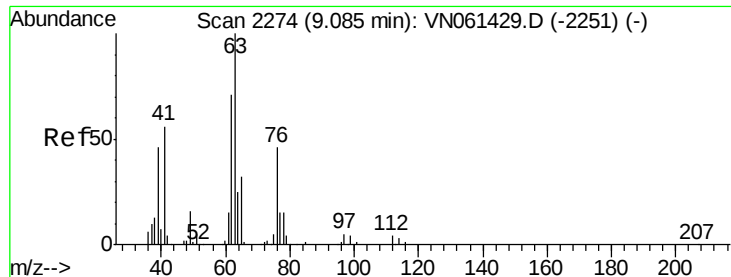
95 102.0 0.0 209.8



Abundance Ion 129.80 (129.50 to 130.50): VN061429.D (-2169) (-)

Ion 94.90 (94.60 to 95.60): VN061429.D (-2169) (-)





#45

1,2-Dichloropropane

Concen: 18.511 ug/l

RT: 9.08 min Scan# 2273

Delta R.T. -0.00 min

Lab File: VN061502.D

Acq: 20 May 2020 15:53

Instrument :

MSVOA_N

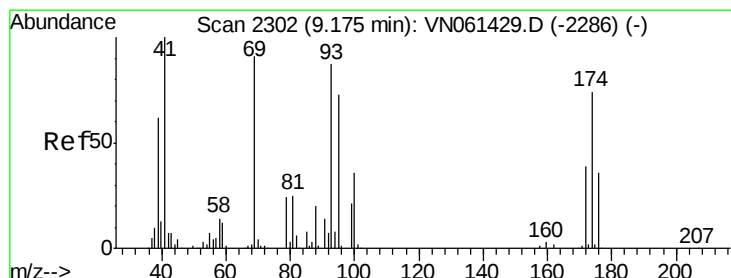
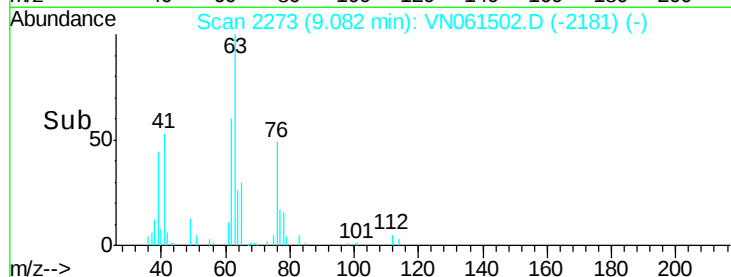
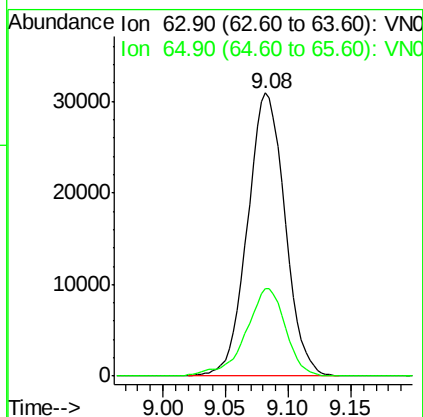
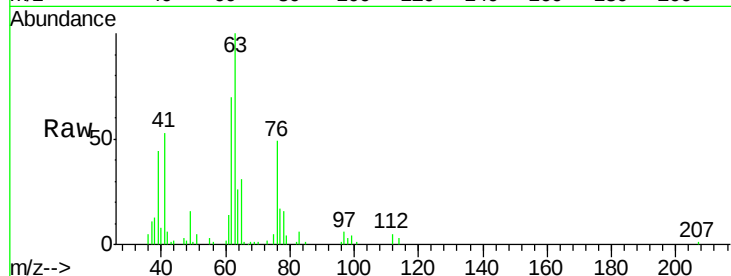
ClientSampleId :

Tot Ion: 63 Resp: 64513

Ion Ratio Lower Upper

63 100

65 30.9 25.2 37.8



#46

Dibromomethane

Concen: 19.643 ug/l

RT: 9.17 min Scan# 2301

Delta R.T. -0.00 min

Lab File: VN061502.D

Acq: 20 May 2020 15:53

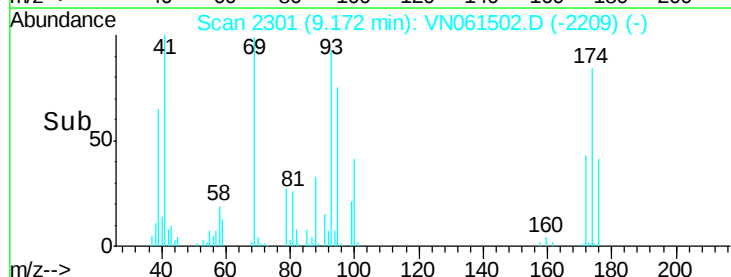
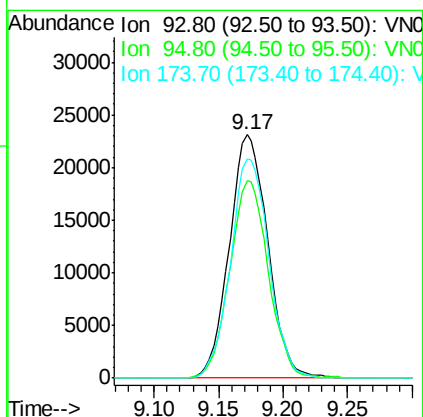
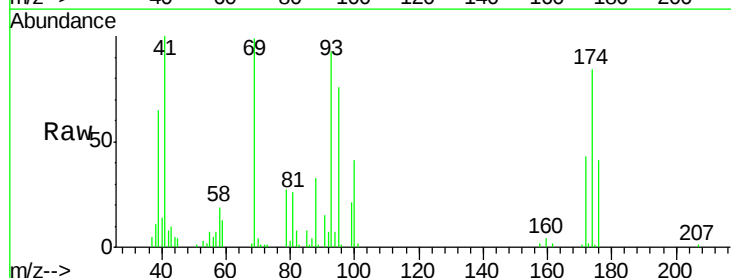
Tgt Ion: 93 Resp: 47991

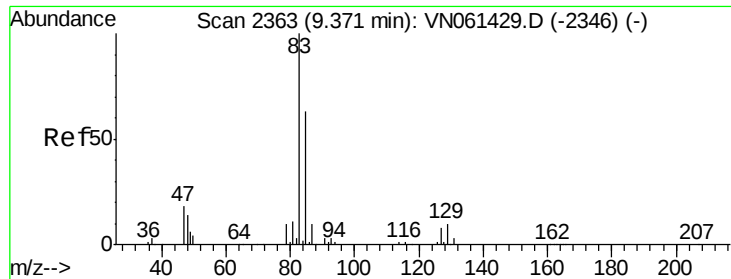
Ion Ratio Lower Upper

93 100

95 81.0 65.6 98.4

174 89.6 68.0 102.0





#47

Bromodichloromethane

Concen: 18.893 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN061502.D

Acq: 20 May 2020 15:53

Instrument :

MSVOA_N

ClientSampleId :

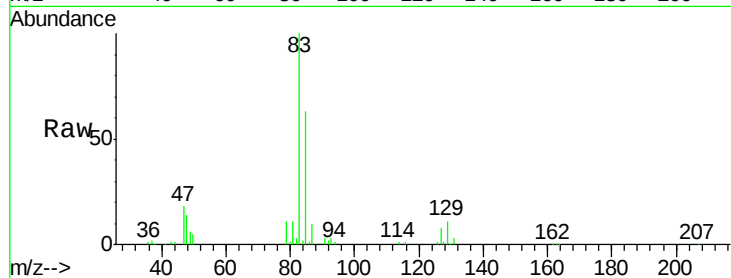
Tot Ion: 83 Resp: 97254

Ion Ratio Lower Upper

83 100

85 63.4 50.6 76.0

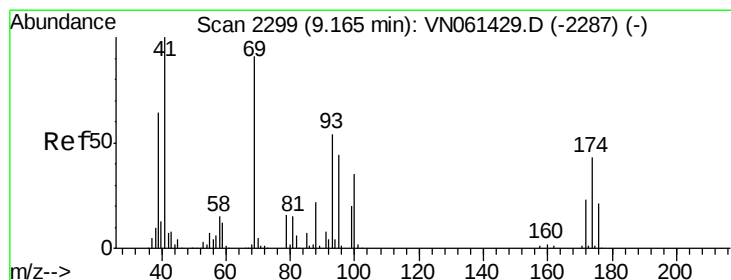
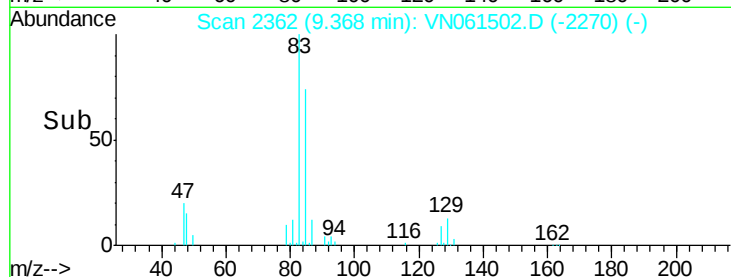
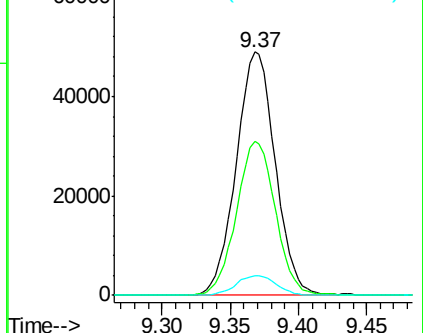
127 7.8 6.1 9.1



Abundance Ion 82.90 (82.60 to 83.60): VN061502.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN061502.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN061502.D (-2270) (-)



#48

Methyl methacrylate

Concen: 15.920 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN061502.D

Acq: 20 May 2020 15:53

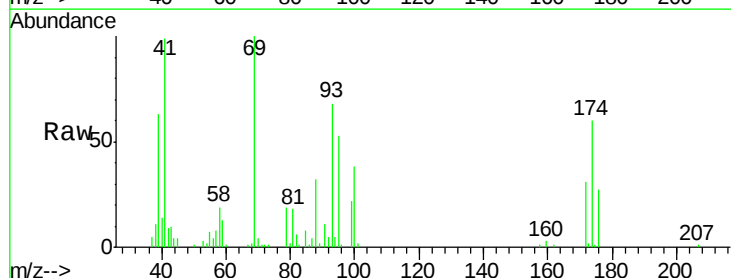
Tgt Ion: 41 Resp: 53746

Ion Ratio Lower Upper

41 100

69 101.4 75.3 112.9

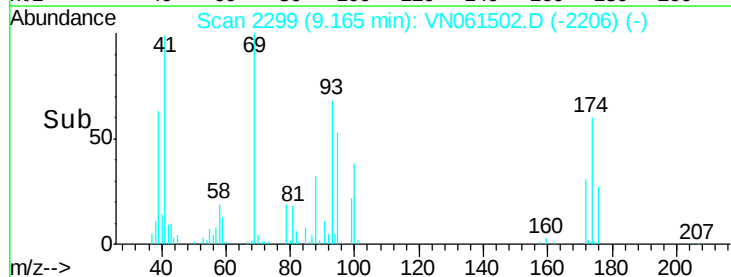
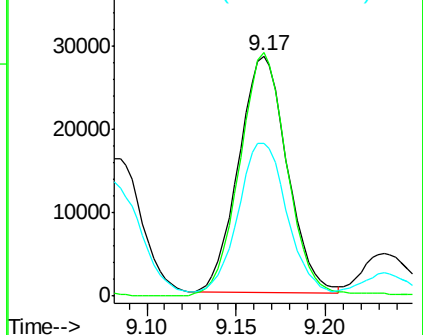
39 65.4 52.6 79.0

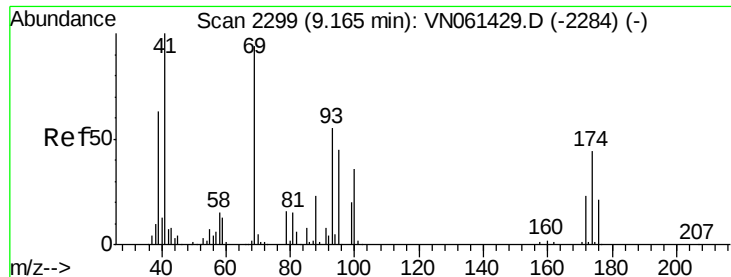


Abundance Ion 41.00 (40.70 to 41.70): VN061502.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN061502.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN061502.D (-2206) (-)

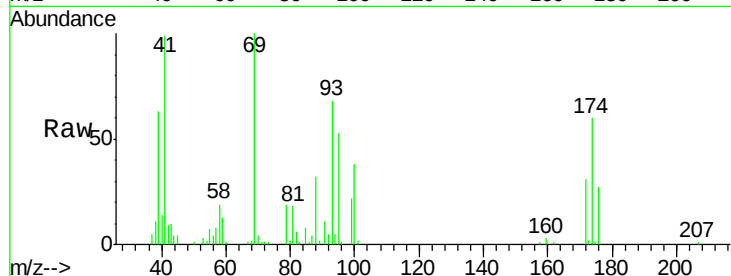




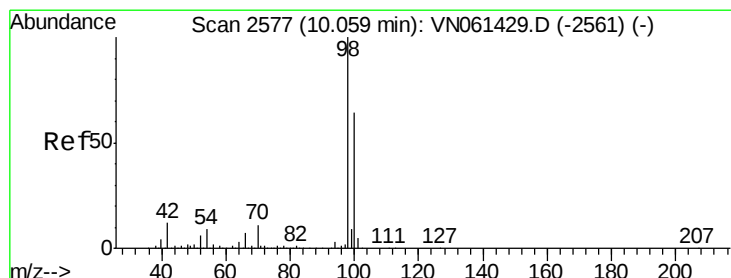
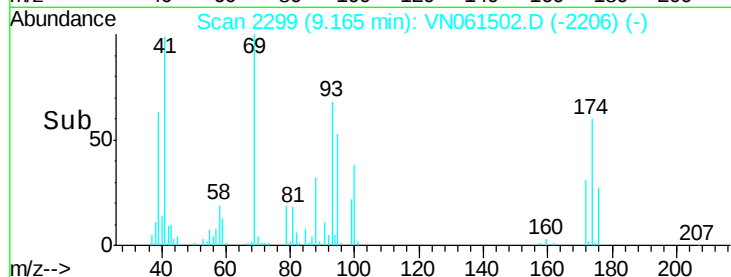
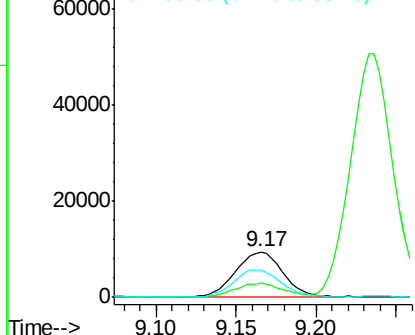
#49
1,4-Dioxane
Concen: 527.010 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. 0.00 min
Lab File: VN061502.D
Acq: 20 May 2020 15:53

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 88 Resp: 19347
Ion Ratio Lower Upper
88 100
43 31.7 26.3 39.5
58 61.0 54.1 81.1

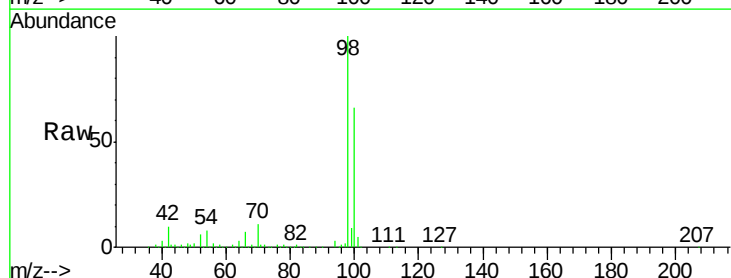


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

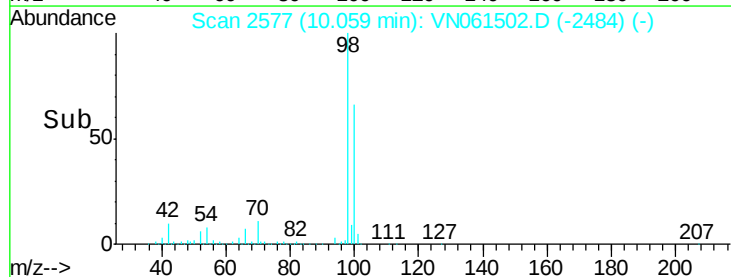
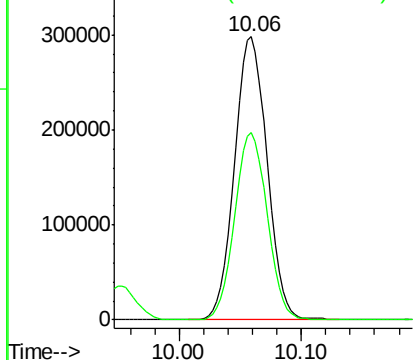


#50
Toluene-d8
Concen: 45.918 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN061502.D
Acq: 20 May 2020 15:53

Tgt Ion: 98 Resp: 551315
Ion Ratio Lower Upper
98 100
100 65.9 51.8 77.8



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: 85.772 ug/l

RT: 9.95 min Scan# 2543

Delta R.T. -0.00 min

Lab File: VN061502.D

Acq: 20 May 2020 15:53

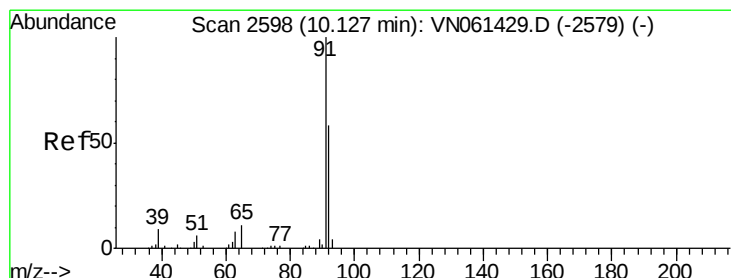
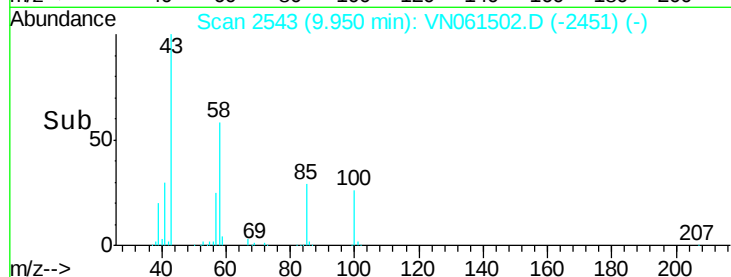
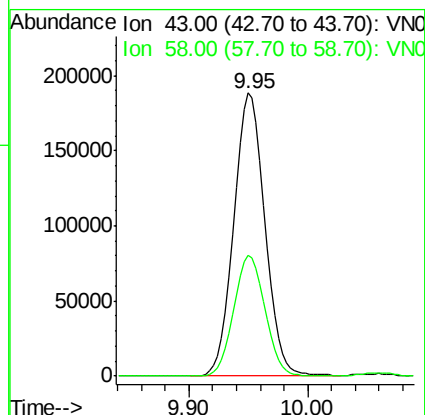
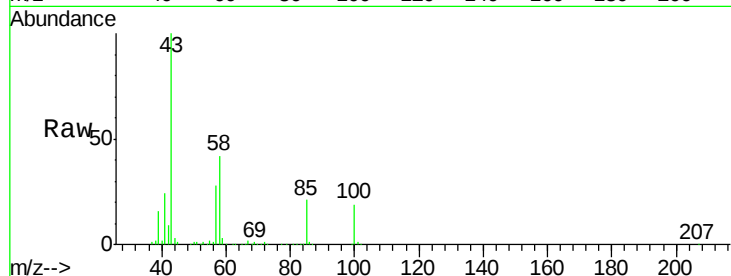
Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 341470

Ion Ratio Lower Upper

43 100

58 42.8 33.4 50.2



#52

Toluene

Concen: 19.108 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN061502.D

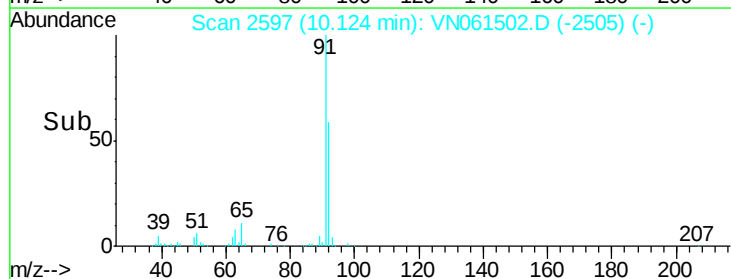
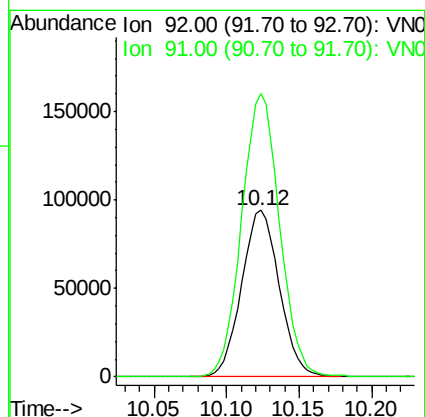
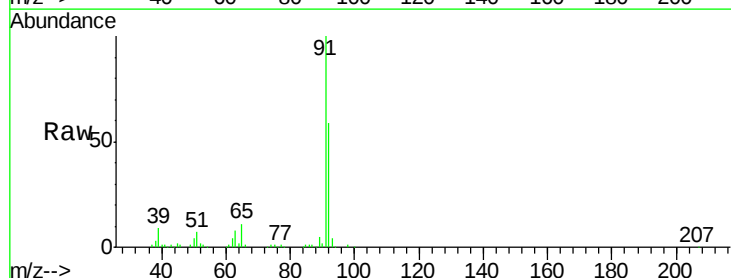
Acq: 20 May 2020 15:53

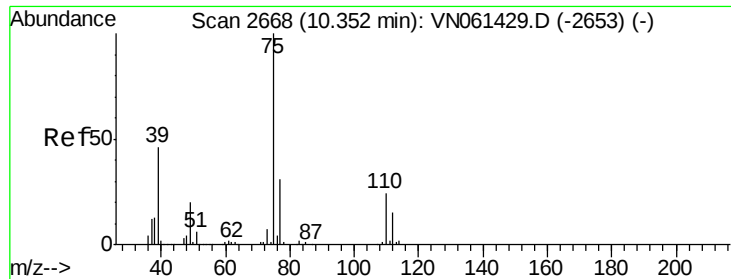
Tgt Ion: 92 Resp: 170809

Ion Ratio Lower Upper

92 100

91 170.9 138.0 207.0





#53

t-1,3-Dichloropropene

Concen: 18.707 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN061502.D

Acq: 20 May 2020 15:53

Instrument :

MSVOA_N

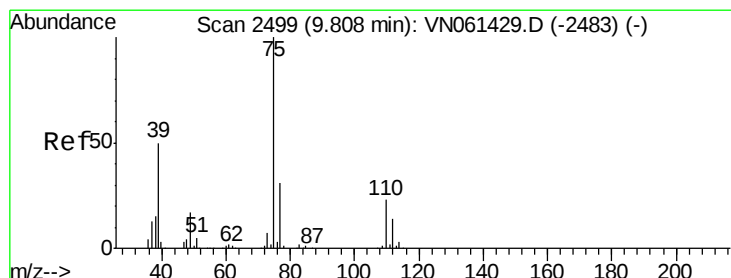
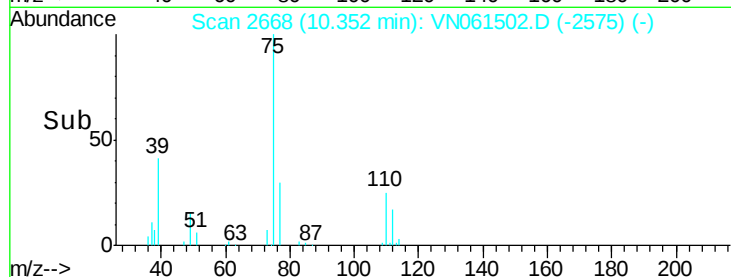
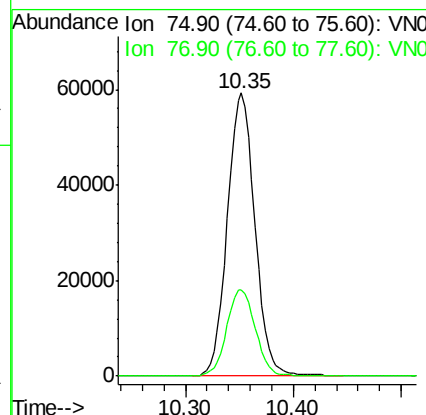
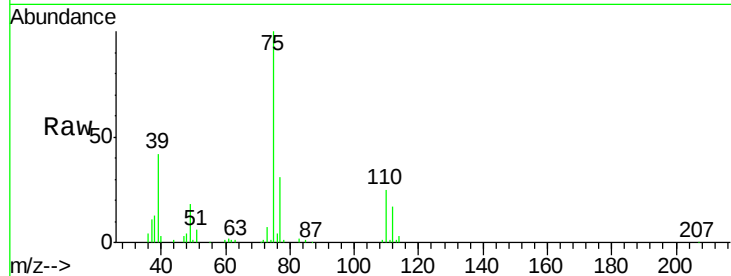
ClientSampleId :

Tot Ion: 75 Resp: 105546

Ion Ratio Lower Upper

75 100

77 30.7 24.8 37.2



#54

cis-1,3-Dichloropropene

Concen: 18.640 ug/l

RT: 9.81 min Scan# 2498

Delta R.T. -0.00 min

Lab File: VN061502.D

Acq: 20 May 2020 15:53

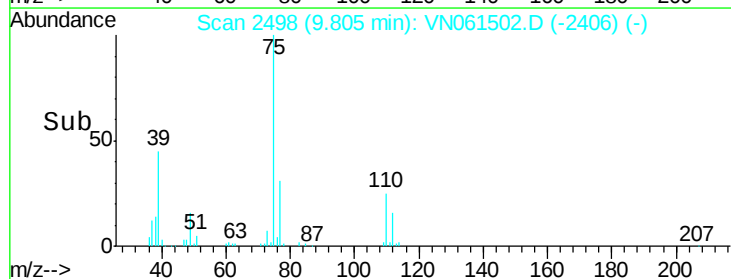
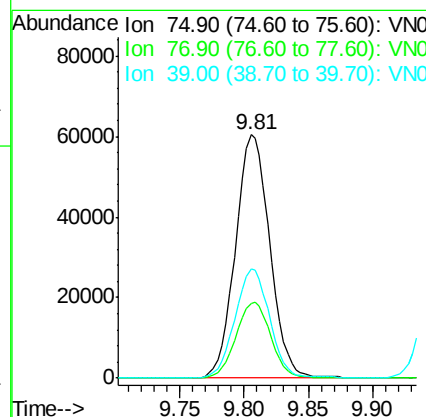
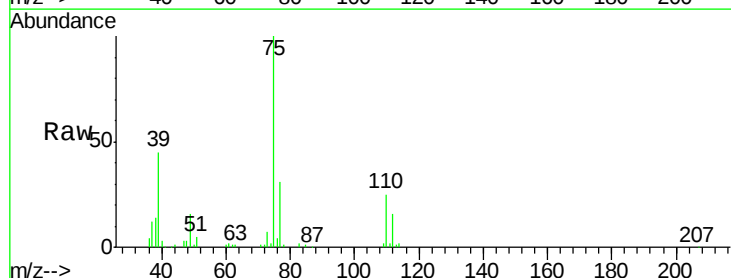
Tgt Ion: 75 Resp: 111799

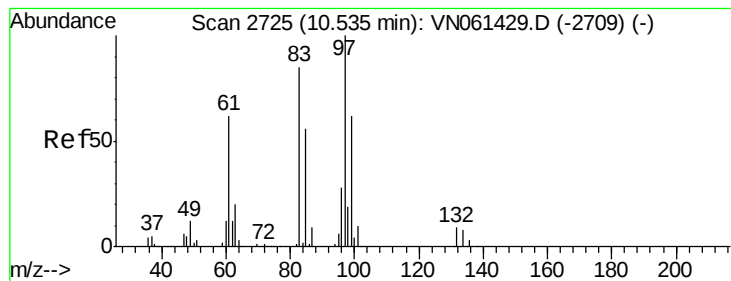
Ion Ratio Lower Upper

75 100

77 30.8 24.8 37.2

39 44.7 39.8 59.6





#55

1,1,2-Trichloroethane

Concen: 20.208 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VN061502.D

Acq: 20 May 2020 15:53

Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 97 Resp: 68295

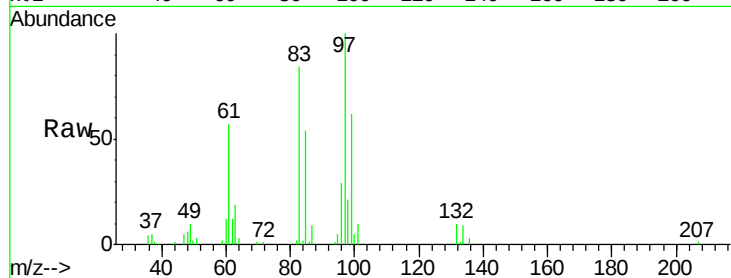
Ion Ratio Lower Upper

97 100

83 83.6 68.2 102.4

85 54.3 44.6 67.0

99 62.5 49.5 74.3

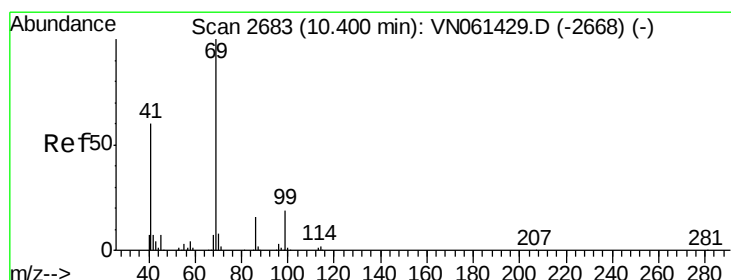
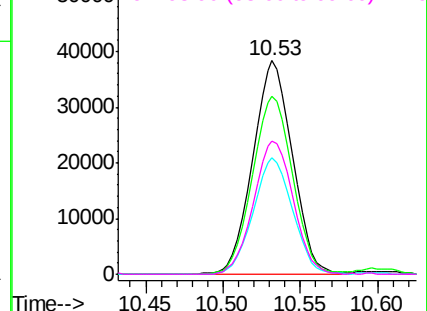
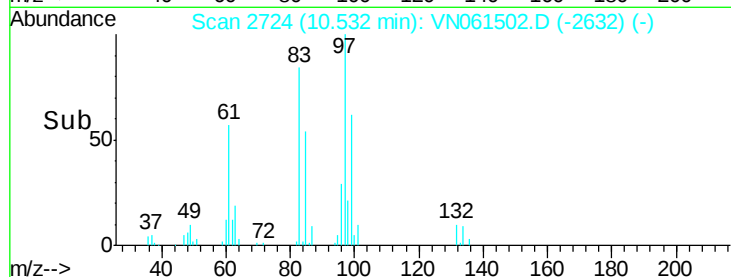


Abundance Ion 96.90 (96.60 to 97.60): VN061502.D (-2632) (-)

Ion 82.90 (82.60 to 83.60): VN061502.D (-2632) (-)

Ion 84.90 (84.60 to 85.60): VN061502.D (-2632) (-)

Ion 98.90 (98.60 to 99.60): VN061502.D (-2632) (-)



#56

Ethyl methacrylate

Concen: 18.462 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. -0.00 min

Lab File: VN061502.D

Acq: 20 May 2020 15:53

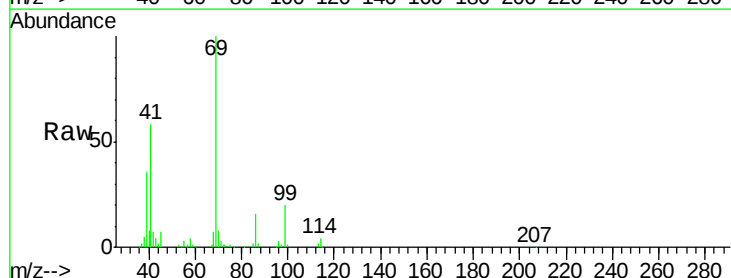
Tgt Ion: 69 Resp: 97545

Ion Ratio Lower Upper

69 100

41 57.5 48.3 72.5

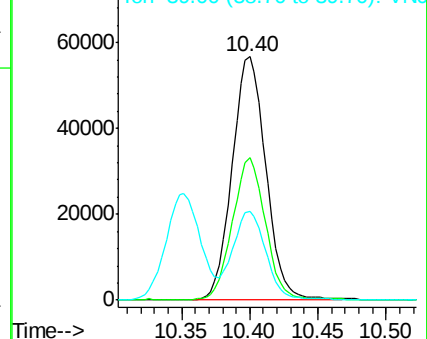
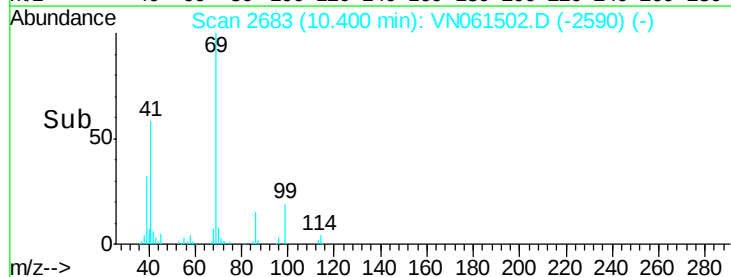
39 34.4 30.2 45.2

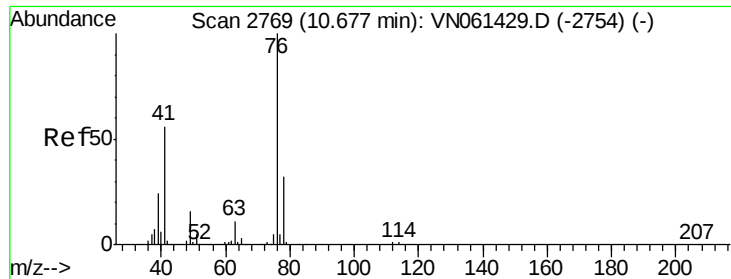


Abundance Ion 69.00 (68.70 to 69.70): VN061502.D (-2590) (-)

Ion 41.00 (40.70 to 41.70): VN061502.D (-2590) (-)

Ion 39.00 (38.70 to 39.70): VN061502.D (-2590) (-)

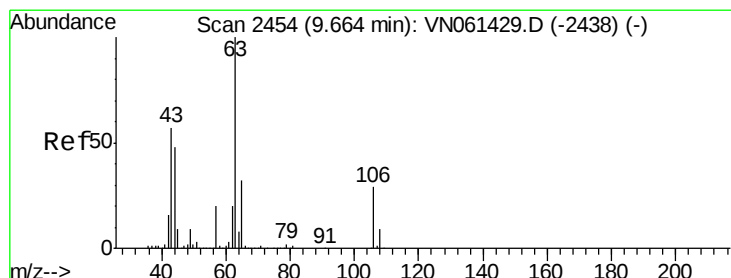
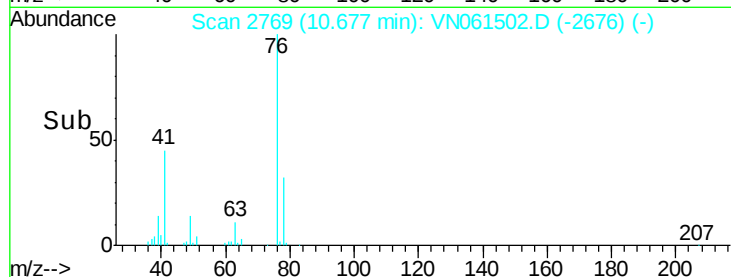
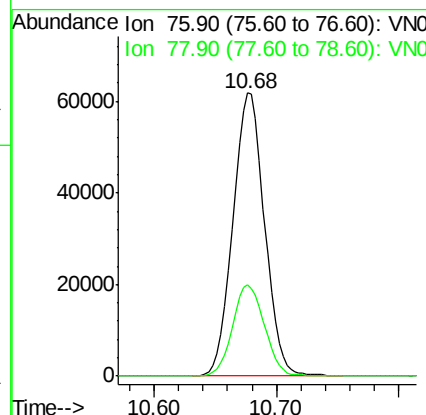
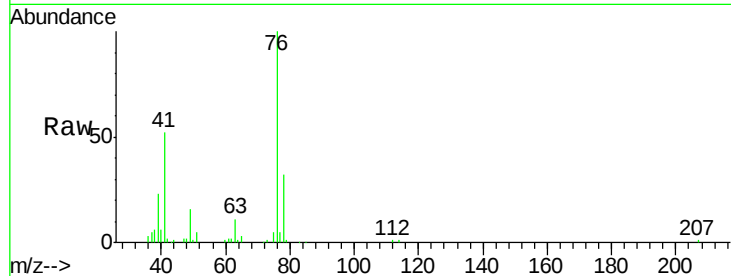




#57
 1,3-Dichloropropane
 Concen: 19.124 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN061502.D
 Acq: 20 May 2020 15:53

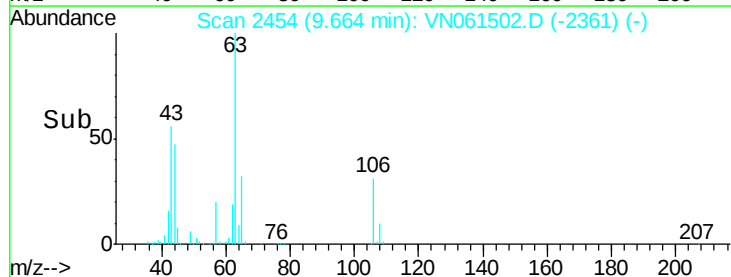
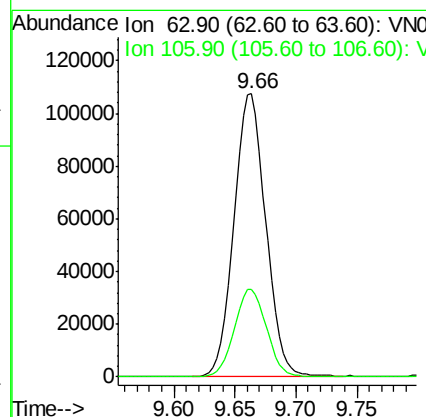
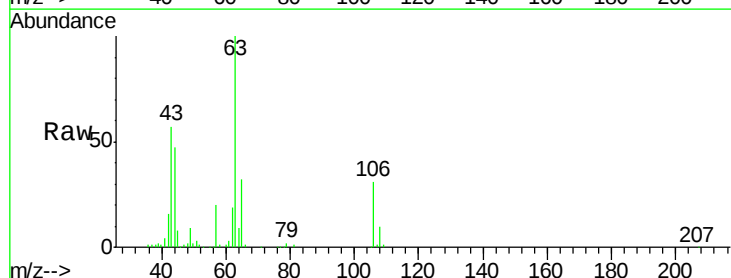
Instrument :
 MSVOA_N
 ClientSampleId :

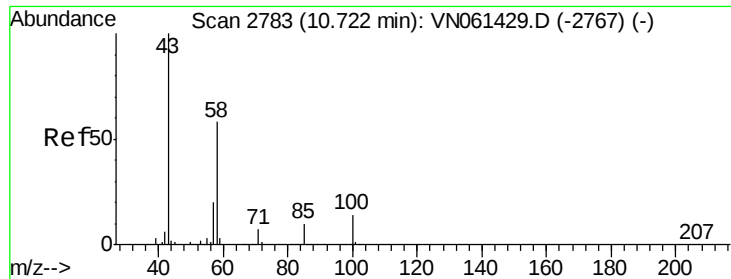
Tot Ion: 76 Resp: 111700
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 84.349 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. -0.00 min
 Lab File: VN061502.D
 Acq: 20 May 2020 15:53

Tgt Ion: 63 Resp: 195623
 Ion Ratio Lower Upper
 63 100
 106 31.3 22.7 34.1

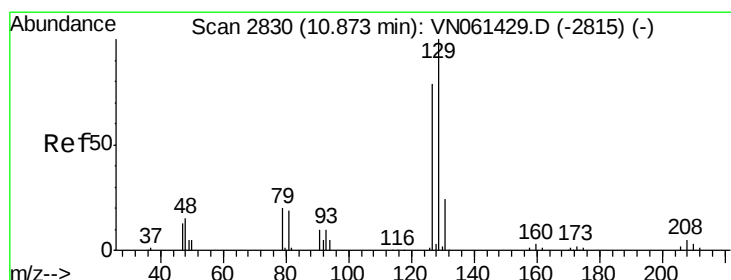
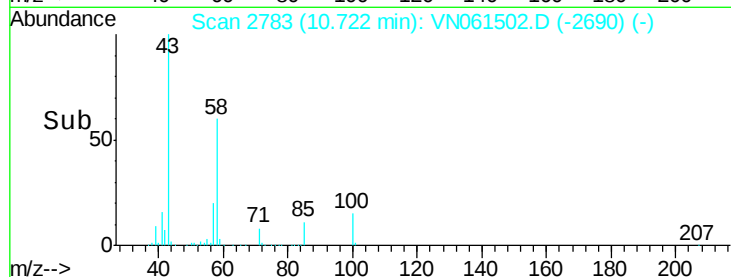
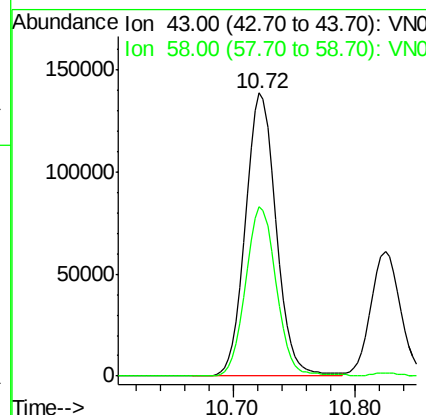
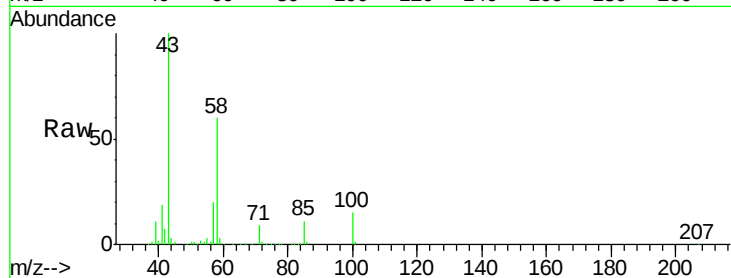




#59
2-Hexanone
Concen: 83.368 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN061502.D
Acq: 20 May 2020 15:53

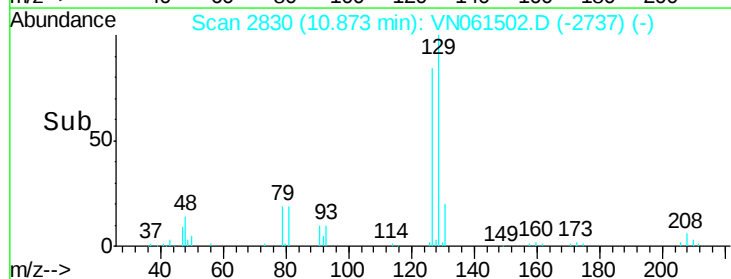
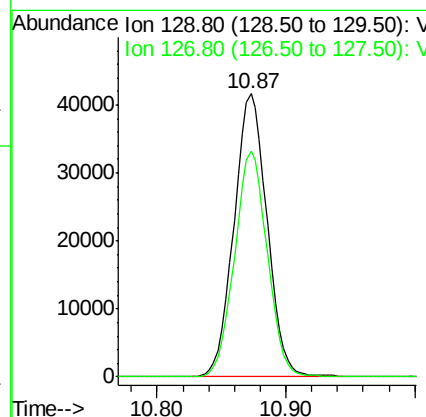
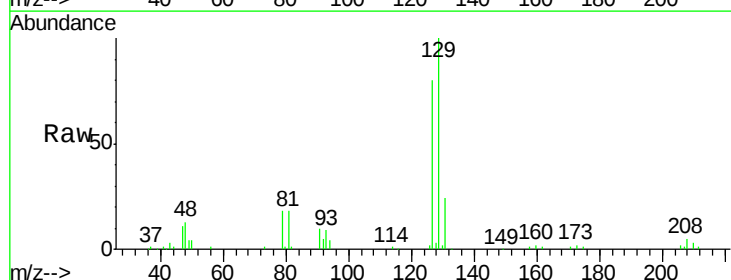
Instrument :
MSVOA_N
ClientSampled :

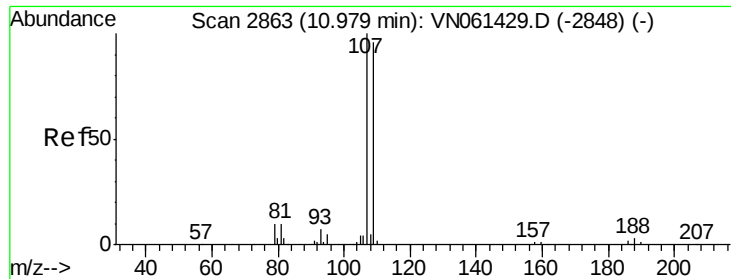
Tot Ion: 43 Resp: 240125
Ion Ratio Lower Upper
43 100
58 60.0 29.2 87.6



#60
Dibromochloromethane
Concen: 19.837 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN061502.D
Acq: 20 May 2020 15:53

Tgt Ion: 129 Resp: 74159
Ion Ratio Lower Upper
129 100
127 78.7 38.8 116.3

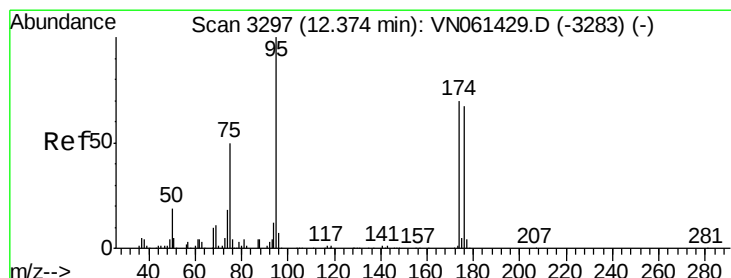
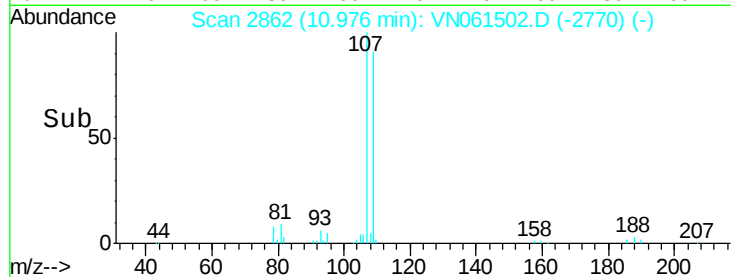
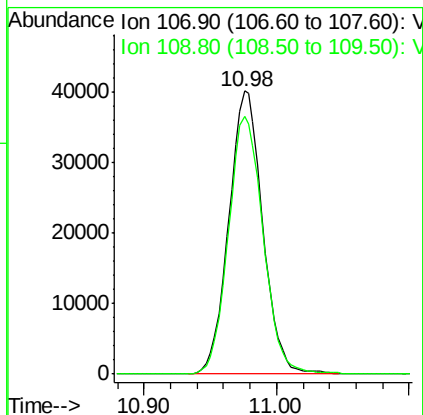
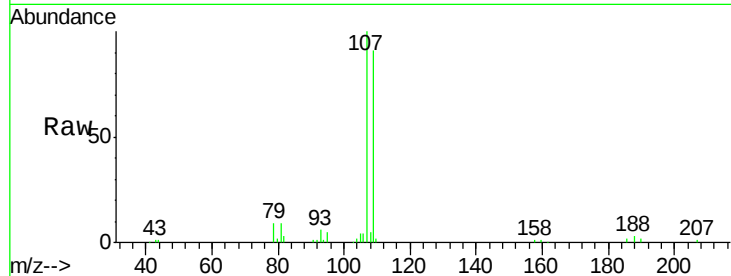




#61
 1,2-Dibromoethane
 Concen: 19.982 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN061502.D
 Acq: 20 May 2020 15:53

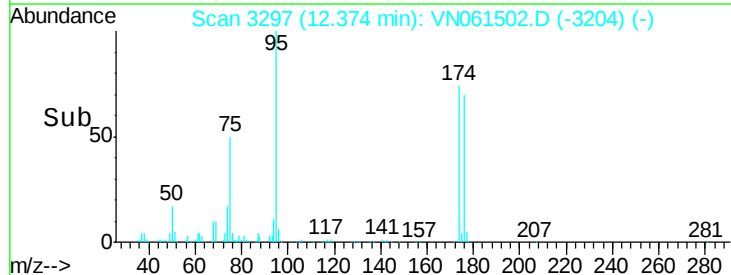
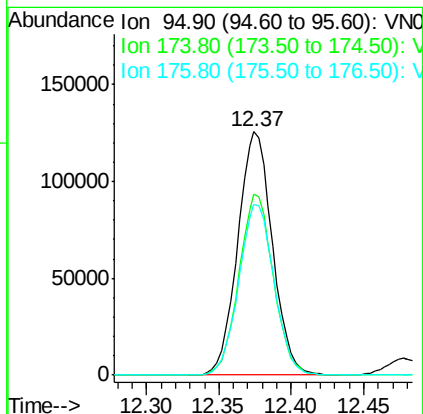
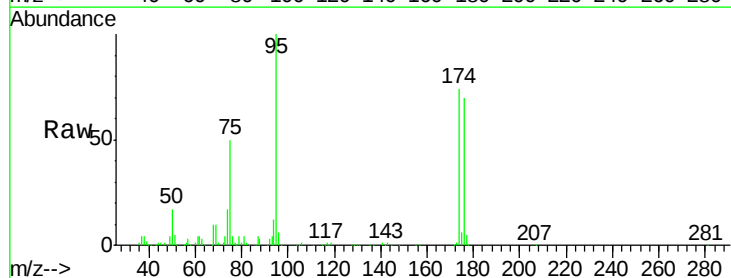
Instrument :
 MSVOA_N
 ClientSampled :

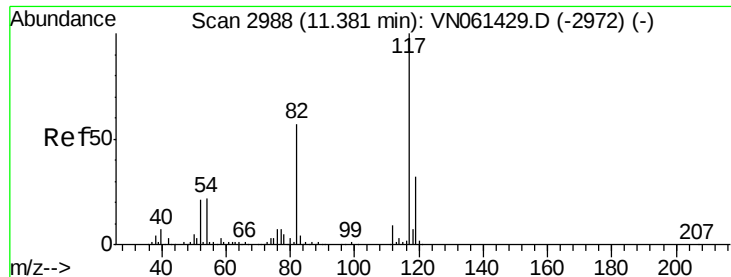
Tot Ion: 107 Resp: 71007
 Ion Ratio Lower Upper
 107 100
 109 93.6 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 46.360 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN061502.D
 Acq: 20 May 2020 15:53

Tgt Ion: 95 Resp: 207959
 Ion Ratio Lower Upper
 95 100
 174 73.9 0.0 141.2
 176 71.8 0.0 137.6

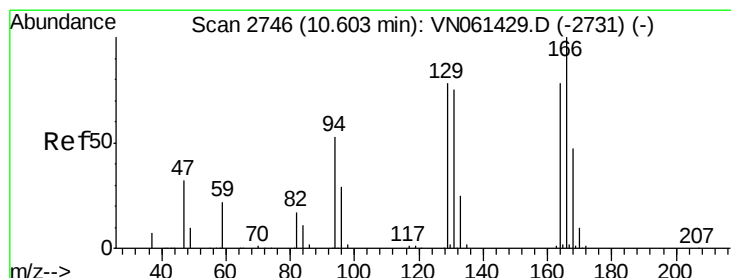
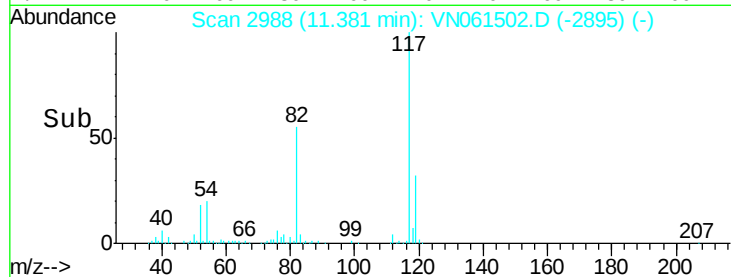
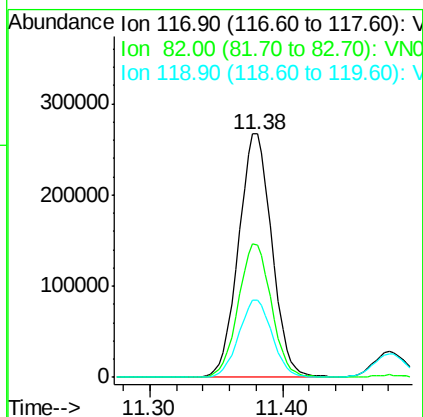
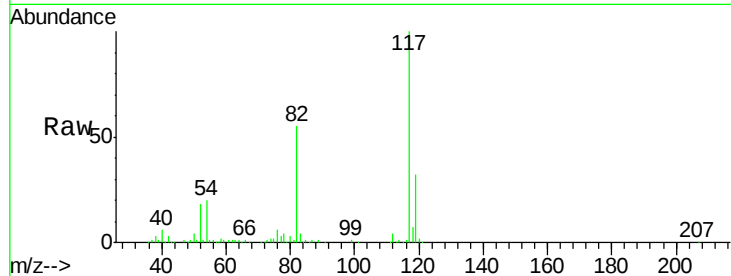




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061502.D
Acq: 20 May 2020 15:53

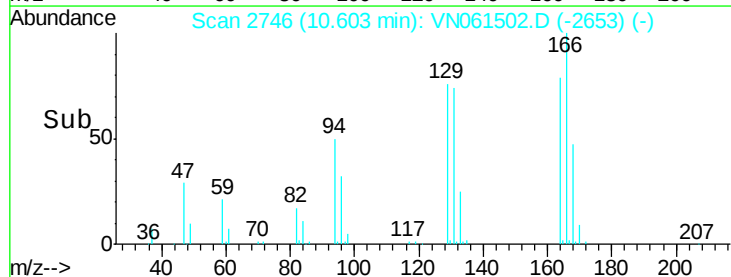
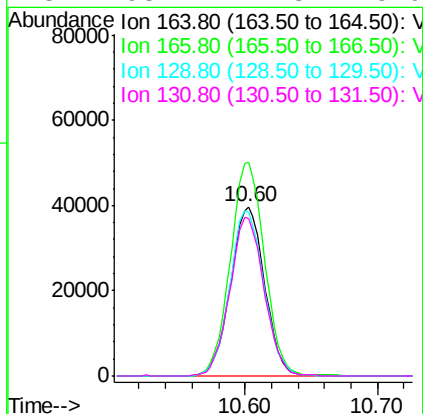
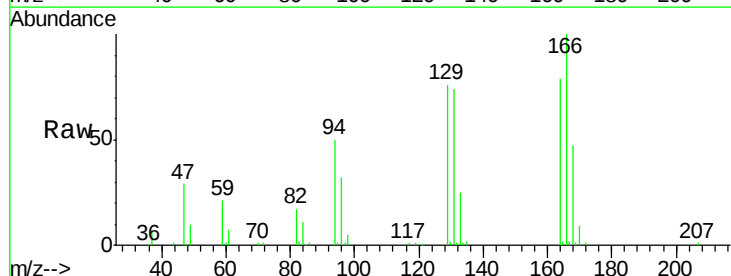
Instrument :
MSVOA_N
ClientSampleId :

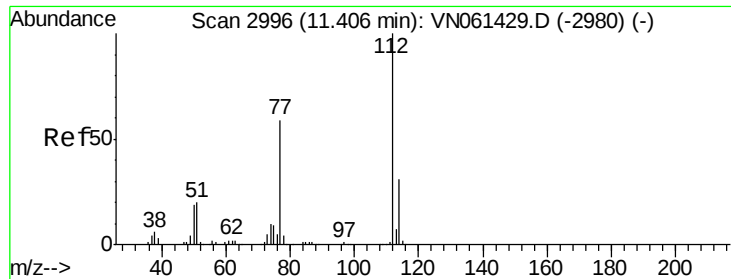
Tot Ion:117 Resp: 465138
Ion Ratio Lower Upper
117 100
82 54.5 45.2 67.8
119 31.9 25.3 37.9



#64
Tetrachloroethene
Concen: 19.653 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN061502.D
Acq: 20 May 2020 15:53

Tgt Ion:164 Resp: 70721
Ion Ratio Lower Upper
164 100
166 126.2 103.2 154.8
129 96.5 81.0 121.4
131 93.2 77.3 115.9





#65

Chlorobenzene

Concen: 19.330 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN061502.D

Acq: 20 May 2020 15:53

Instrument :

MSVOA_N

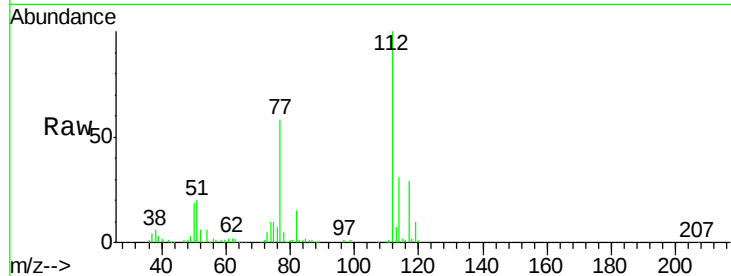
ClientSampled :

Tot Ion:112 Resp: 183348

Ion Ratio Lower Upper

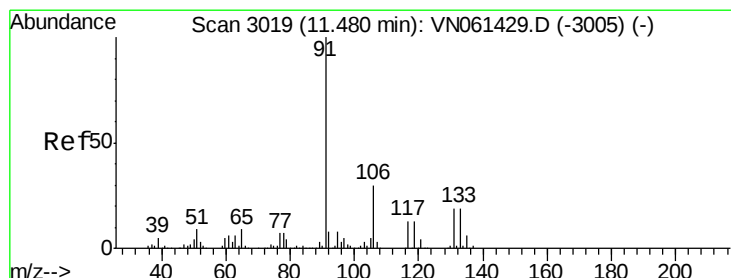
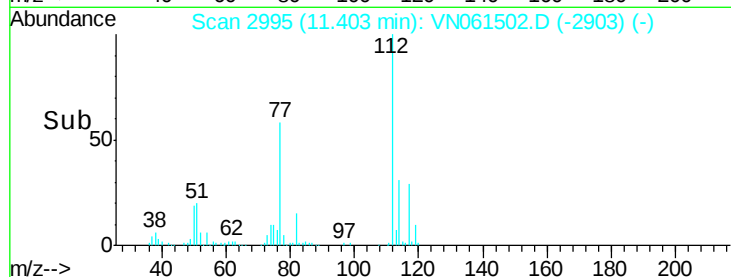
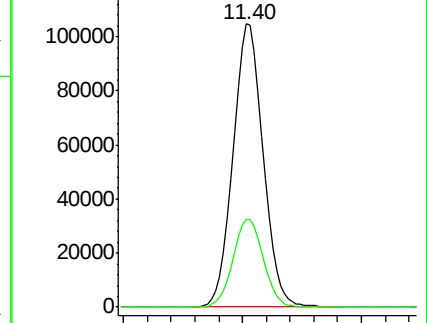
112 100

114 31.1 25.0 37.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 19.874 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. -0.00 min

Lab File: VN061502.D

Acq: 20 May 2020 15:53

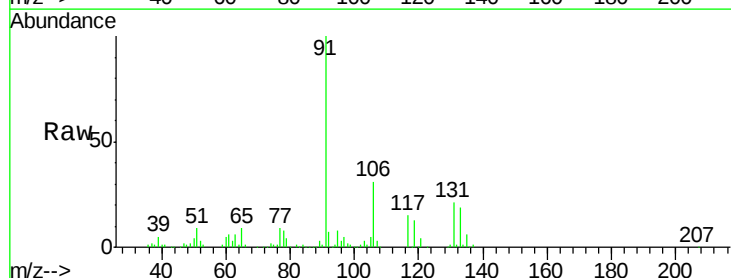
Tgt Ion:131 Resp: 67580

Ion Ratio Lower Upper

131 100

133 95.7 48.7 146.1

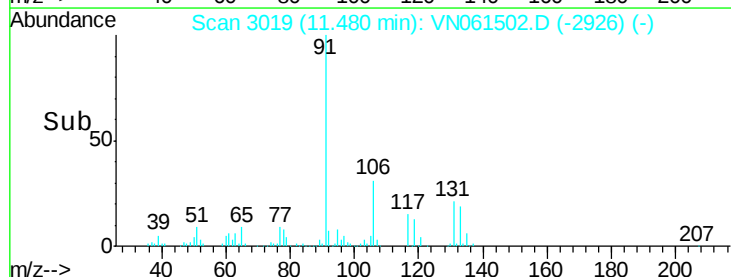
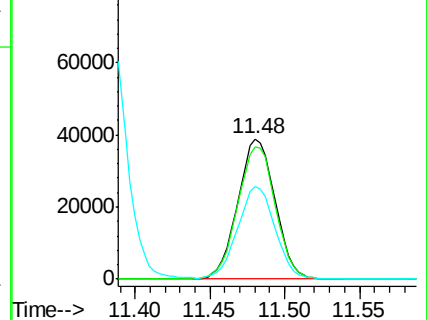
119 66.2 33.8 101.3

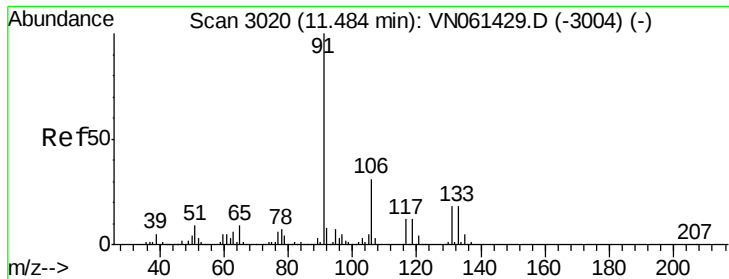


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 18.872 ug/l

RT: 11.48 min Scan# 3020

Delta R.T. -0.00 min

Lab File: VN061502.D

Acq: 20 May 2020 15:53

Instrument :

MSVOA_N

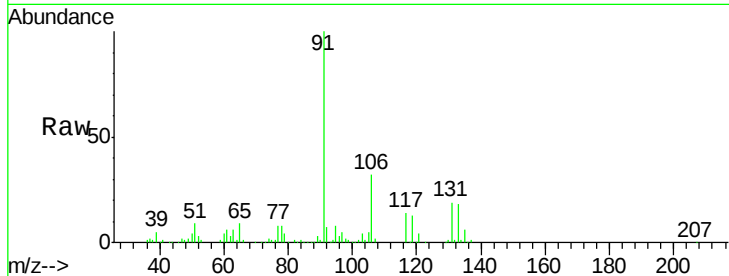
ClientSampled :

Tot Ion: 91 Resp: 326753

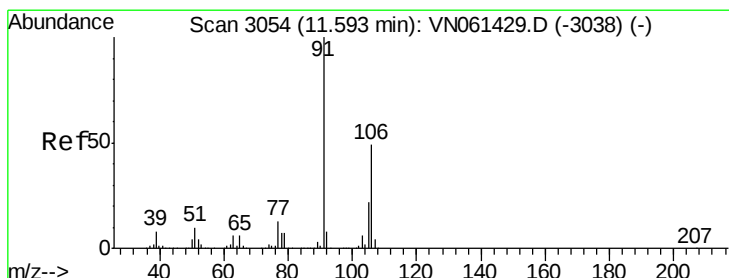
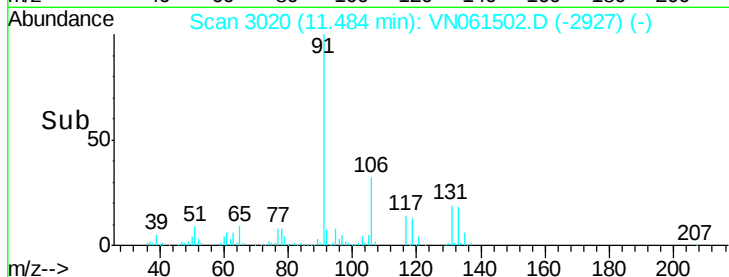
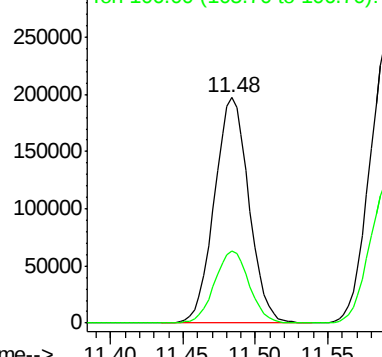
Ion Ratio Lower Upper

91 100

106 31.8 24.6 36.8



Abundance Ion 91.00 (90.70 to 91.70): VN061429.D (-3004) (-)



#68

m/p-Xylenes

Concen: 38.674 ug/l

RT: 11.59 min Scan# 3054

Delta R.T. -0.00 min

Lab File: VN061502.D

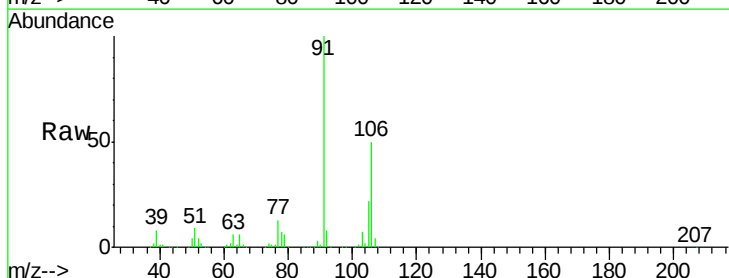
Acq: 20 May 2020 15:53

Tgt Ion:106 Resp: 254169

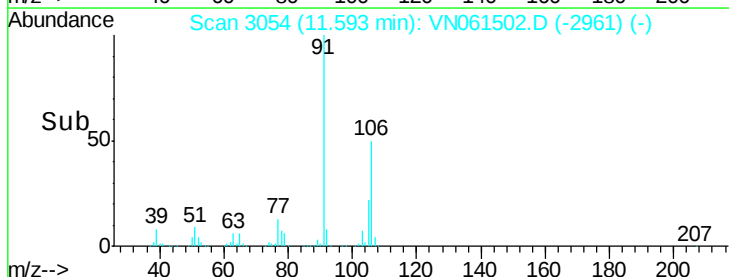
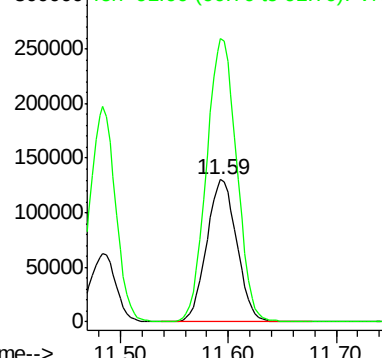
Ion Ratio Lower Upper

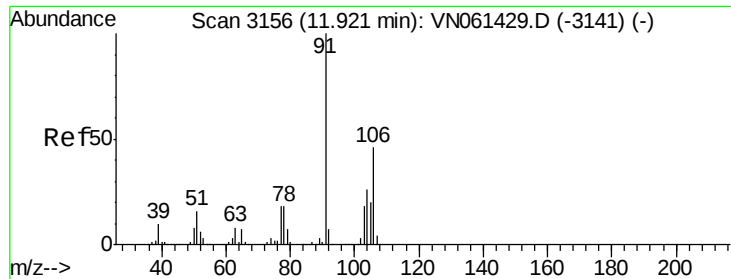
106 100

91 198.5 163.0 244.6



Abundance Ion 106.00 (105.70 to 106.70): VN061429.D (-3038) (-)

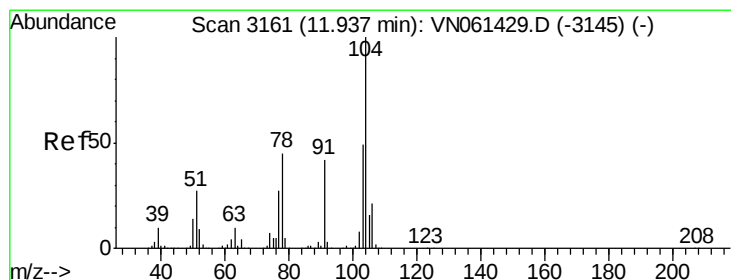
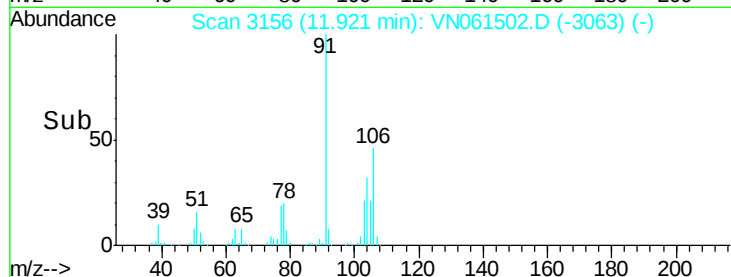
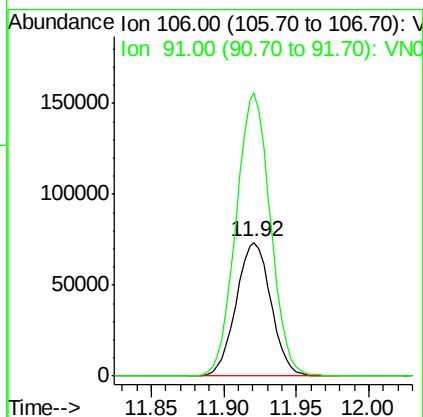
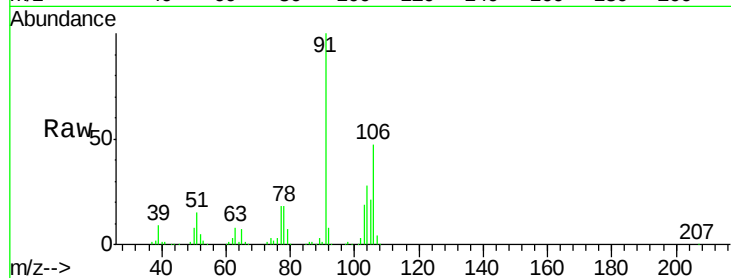




#69
o-Xylene
Concen: 19.368 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN061502.D
Acq: 20 May 2020 15:53

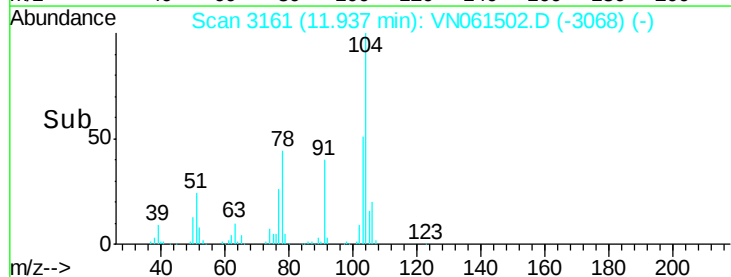
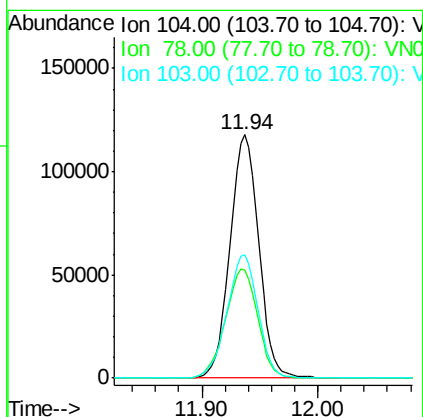
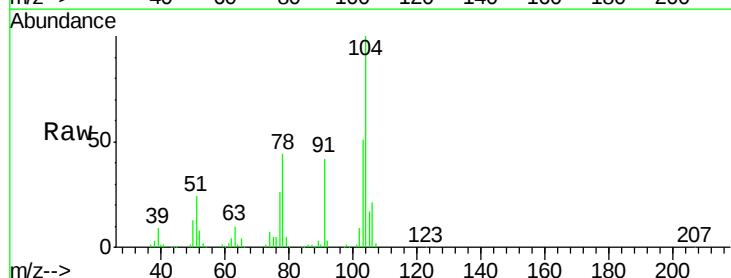
Instrument :
MSVOA_N
ClientSampled :

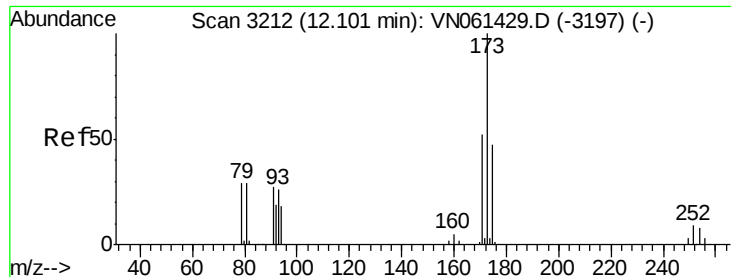
Tot Ion:106 Resp: 123176
Ion Ratio Lower Upper
106 100
91 208.9 107.9 323.7



#70
Styrene
Concen: 19.188 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN061502.D
Acq: 20 May 2020 15:53

Tgt Ion:104 Resp: 202081
Ion Ratio Lower Upper
104 100
78 50.1 40.7 61.1
103 54.6 43.0 64.4





#71

Bromoform

Concen: 18.960 ug/l

RT: 12.10 min Scan# 3211

Delta R.T. -0.00 min

Lab File: VN061502.D

Acq: 20 May 2020 15:53

Instrument :

MSVOA_N

ClientSampleId :

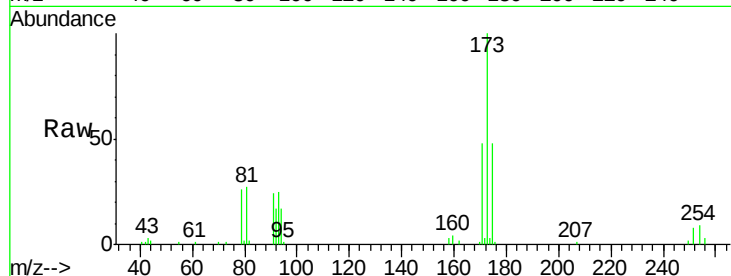
Tot Ion:173 Resp: 46680

Ion Ratio Lower Upper

173 100

175 49.7 23.9 71.8

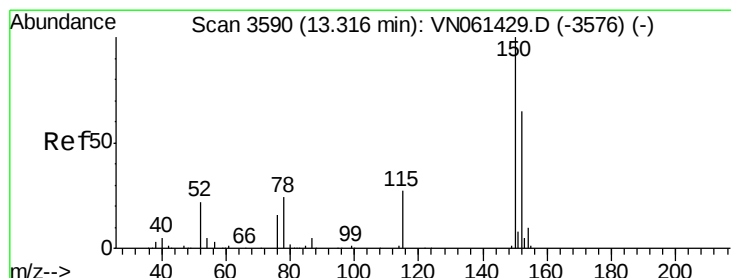
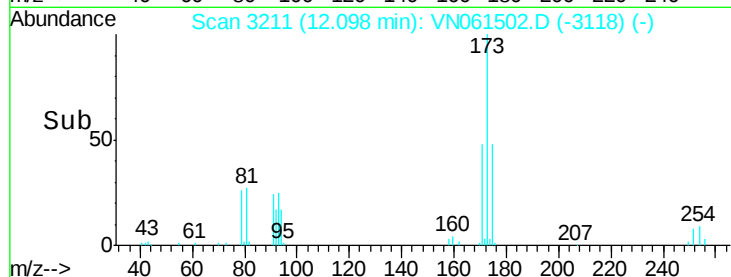
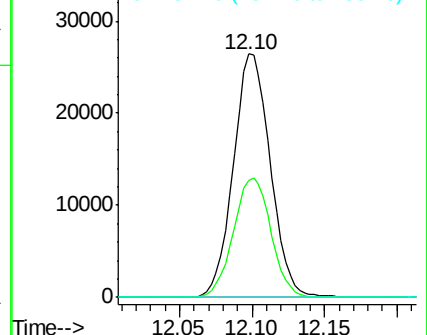
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3590

Delta R.T. -0.00 min

Lab File: VN061502.D

Acq: 20 May 2020 15:53

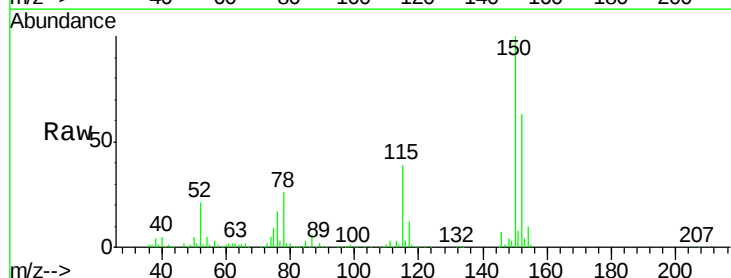
Tgt Ion:152 Resp: 215406

Ion Ratio Lower Upper

152 100

115 60.5 30.9 92.5

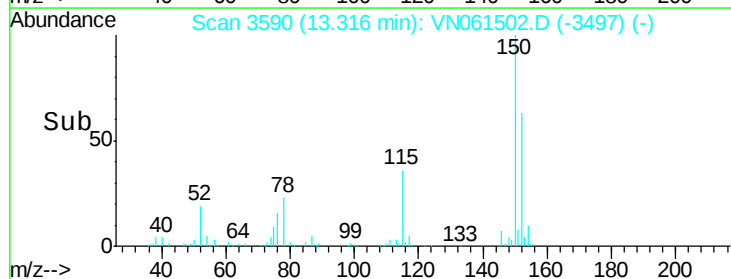
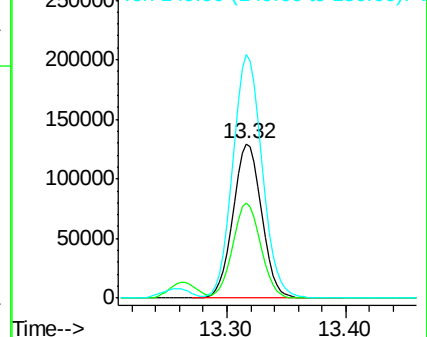
150 161.8 0.0 349.2

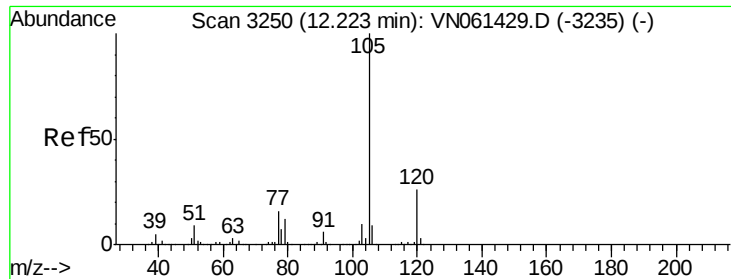


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.478 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN061502.D

Acq: 20 May 2020 15:53

Instrument :

MSVOA_N

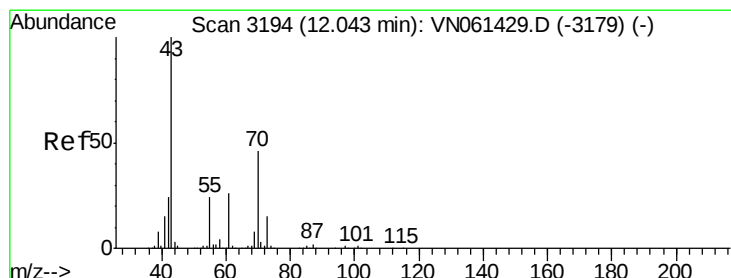
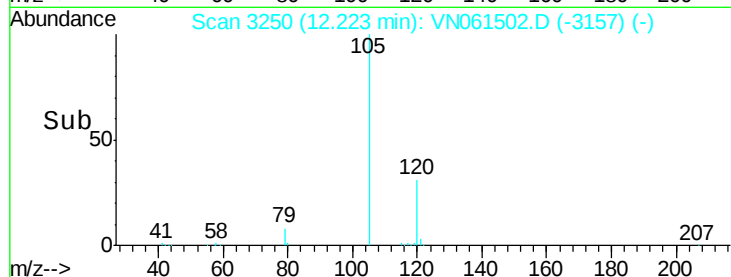
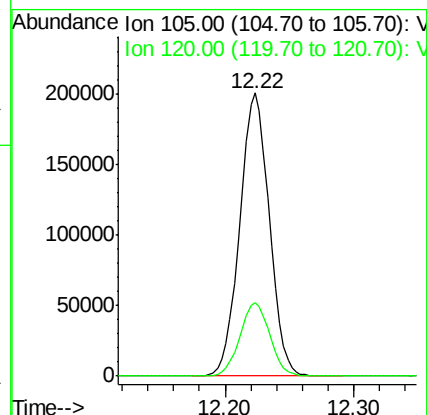
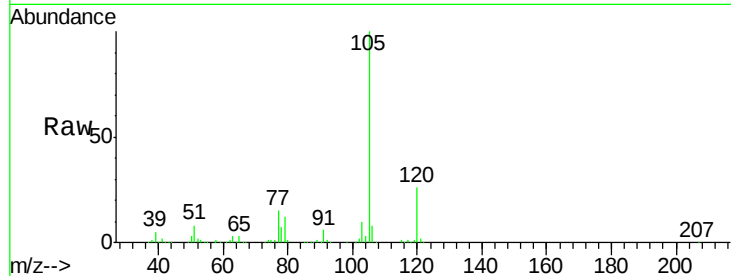
ClientSampleId :

Tot Ion:105 Resp: 319525

Ion Ratio Lower Upper

105 100

120 26.2 13.0 39.0



#74

N-ethyl acetate

Concen: 16.365 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN061502.D

Acq: 20 May 2020 15:53

Tgt Ion: 43 Resp: 103584

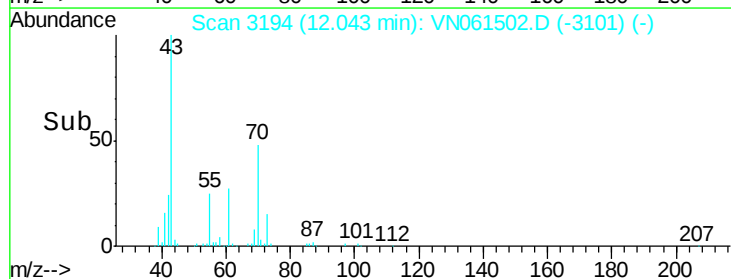
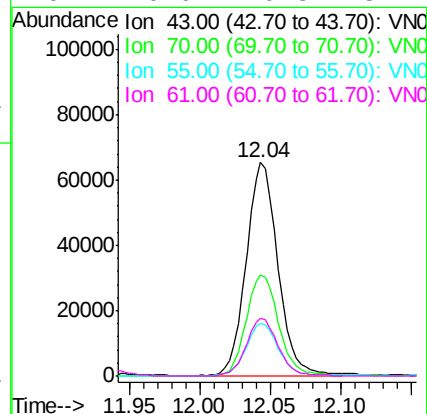
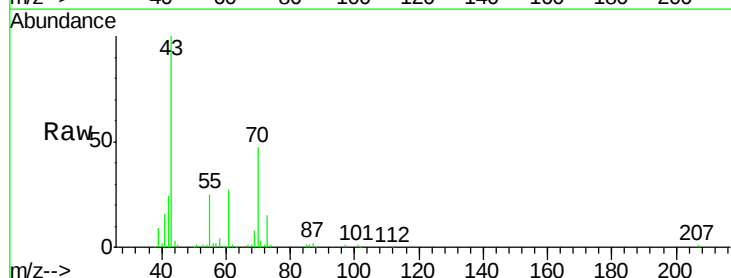
Ion Ratio Lower Upper

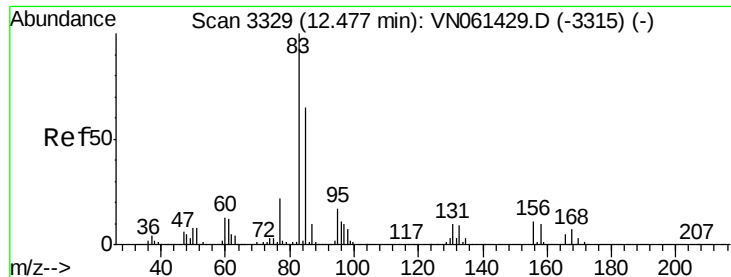
43 100

70 48.2 37.0 55.4

55 25.6 19.5 29.3

61 26.9 20.8 31.2





#75

1,1,2,2-Tetrachloroethane

Concen: 18.291 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN061502.D

Acq: 20 May 2020 15:53

Instrument :

MSVOA_N

ClientSampled :

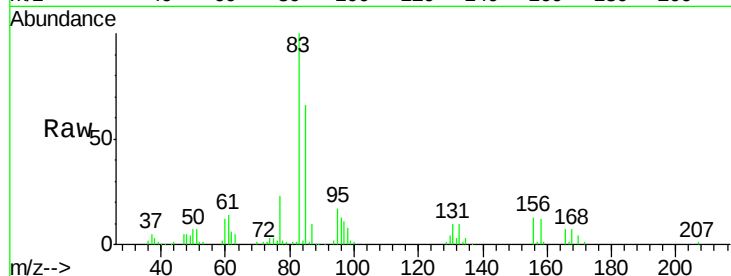
Tot Ion: 83 Resp: 87022

Ion Ratio Lower Upper

83 100

131 10.6 4.8 14.4

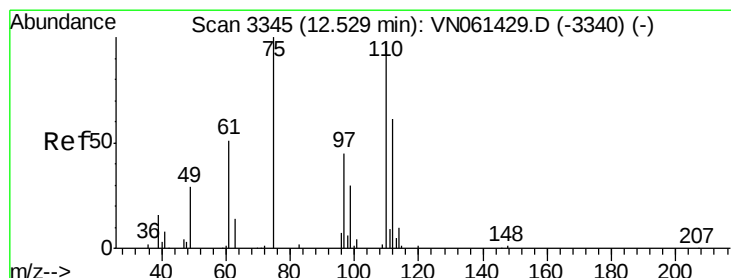
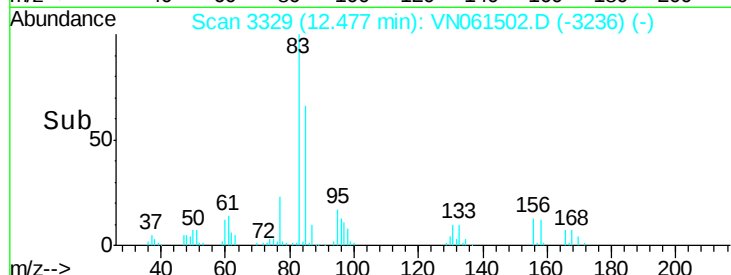
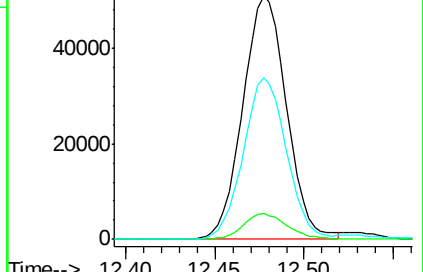
85 65.6 32.1 96.5



Abundance Ion 82.90 (82.60 to 83.60): VN061429.D (-3315) (-)

Ion 130.80 (130.50 to 131.50): VN061429.D (-3315) (-)

Ion 84.90 (84.60 to 85.60): VN061429.D (-3315) (-)



#76

1,2,3-Trichloropropane

Concen: 24.655 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN061502.D

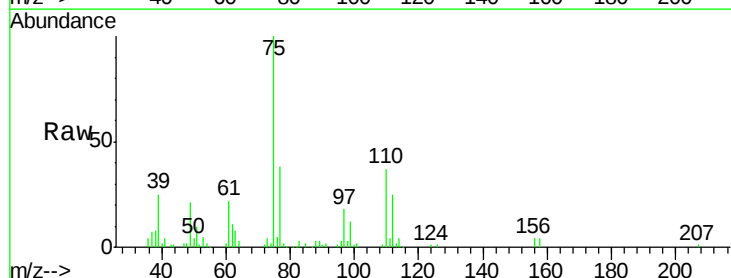
Acq: 20 May 2020 15:53

Tgt Ion: 75 Resp: 113956

Ion Ratio Lower Upper

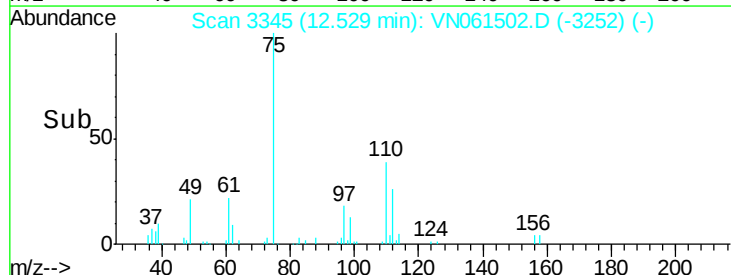
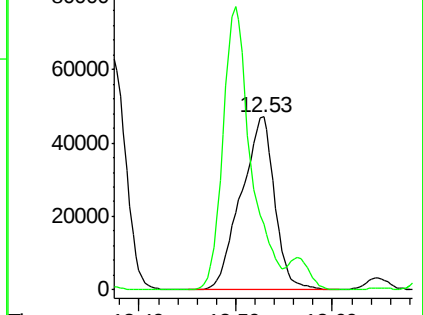
75 100

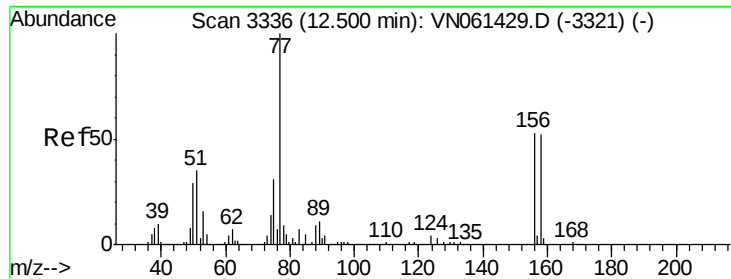
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN061429.D (-3340) (-)

Ion 77.00 (76.70 to 77.70): VN061429.D (-3340) (-)





#77

Bromobenzene

Concen: 19.920 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN061502.D

Acq: 20 May 2020 15:53

Instrument :

MSVOA_N

ClientSampled :

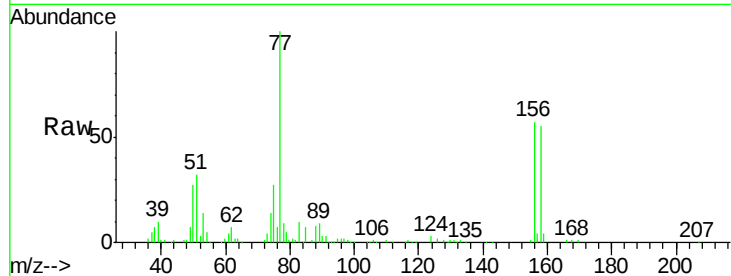
Tot Ion:156 Resp: 74759

Ion Ratio Lower Upper

156 100

77 207.5 112.3 336.9

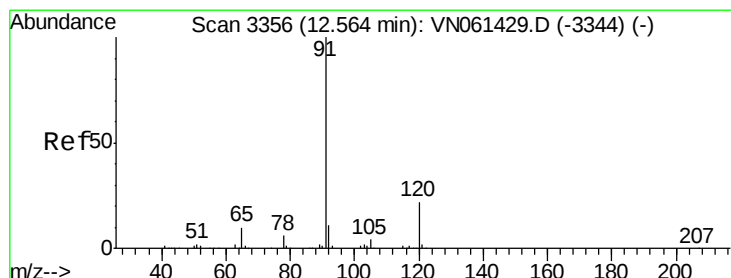
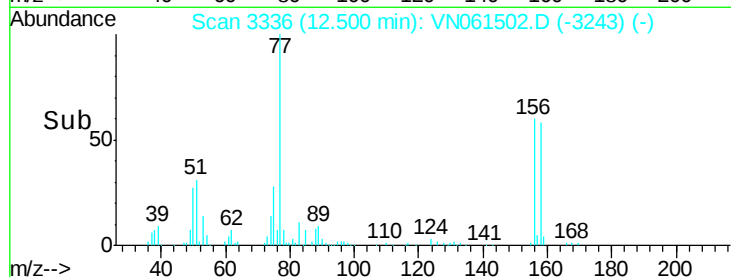
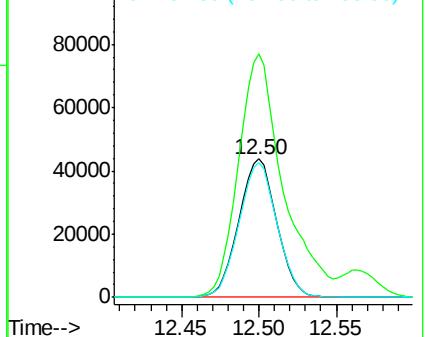
158 97.4 47.9 143.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.244 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. -0.00 min

Lab File: VN061502.D

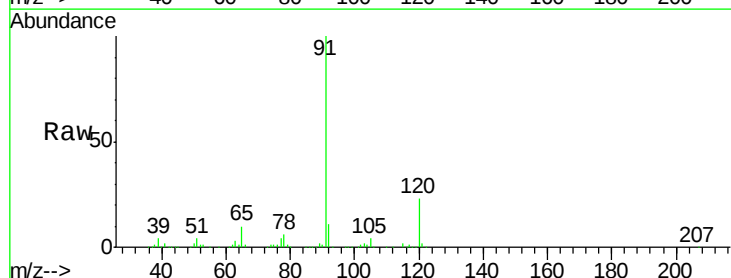
Acq: 20 May 2020 15:53

Tgt Ion: 91 Resp: 359458

Ion Ratio Lower Upper

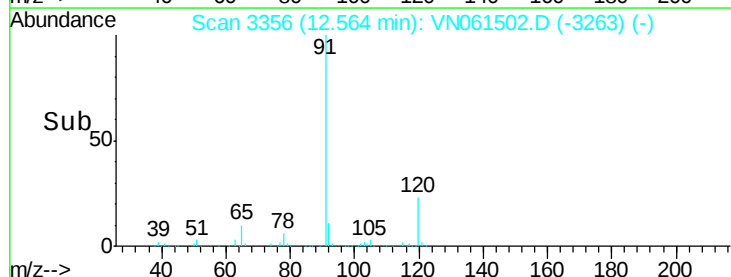
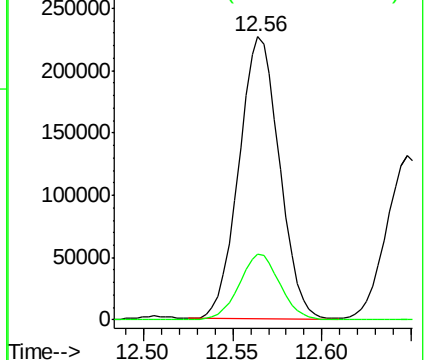
91 100

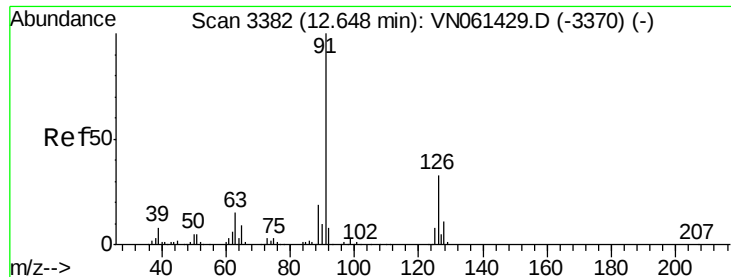
120 23.3 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

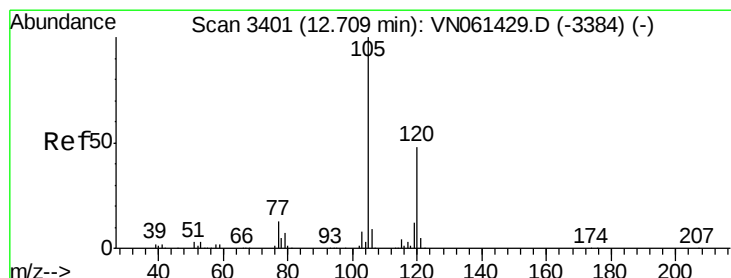
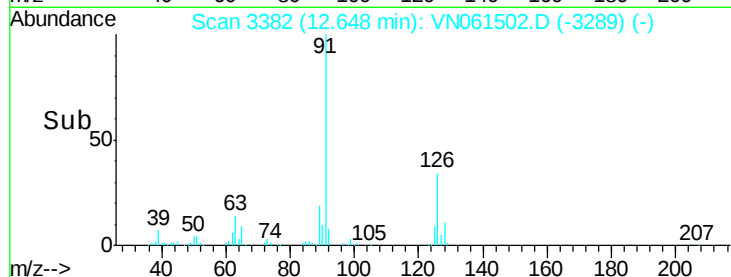
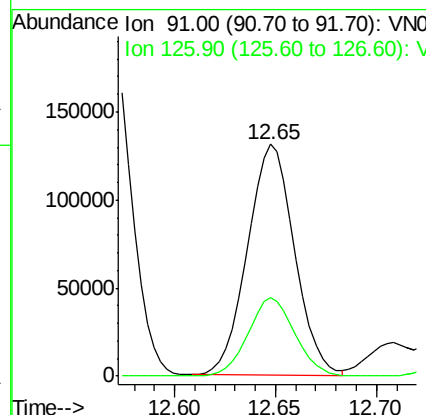
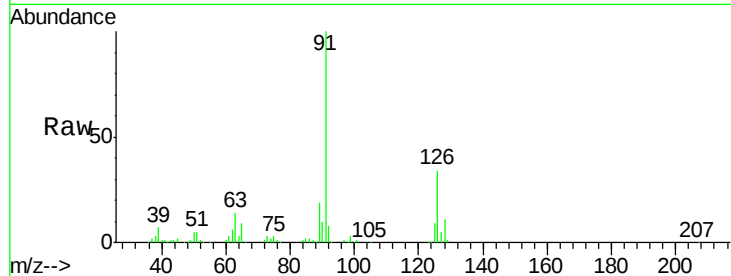




#79
 2-Chlorotoluene
 Concen: 18.321 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. -0.00 min
 Lab File: VN061502.D
 Acq: 20 May 2020 15:53

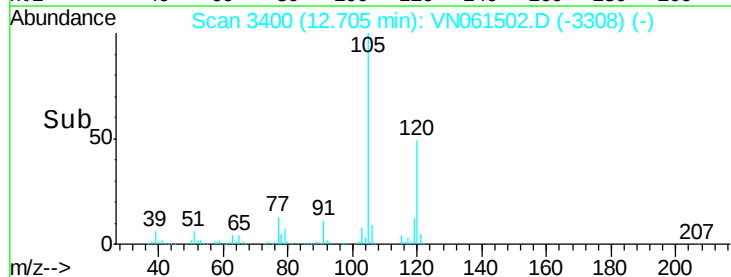
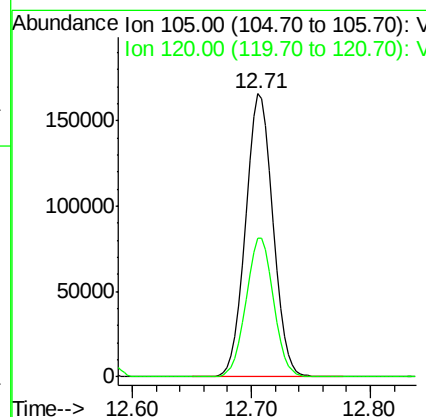
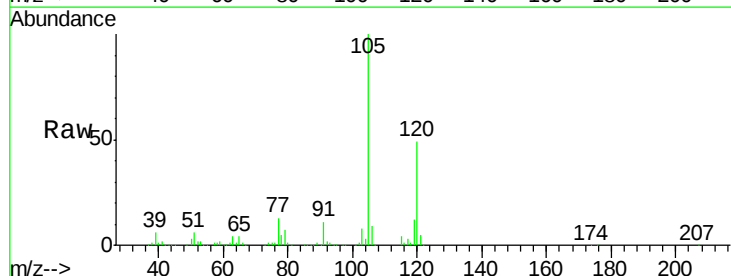
Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 91 Resp: 213372
 Ion Ratio Lower Upper
 91 100
 126 34.0 16.3 48.9



#80
 1,3,5-Trimethylbenzene
 Concen: 18.620 ug/l
 RT: 12.71 min Scan# 3400
 Delta R.T. -0.00 min
 Lab File: VN061502.D
 Acq: 20 May 2020 15:53

Tgt Ion: 105 Resp: 263647
 Ion Ratio Lower Upper
 105 100
 120 49.5 24.1 72.4

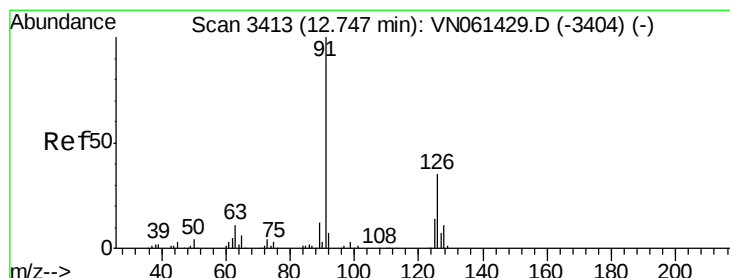
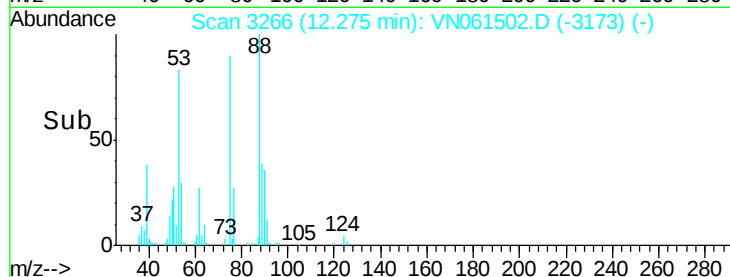
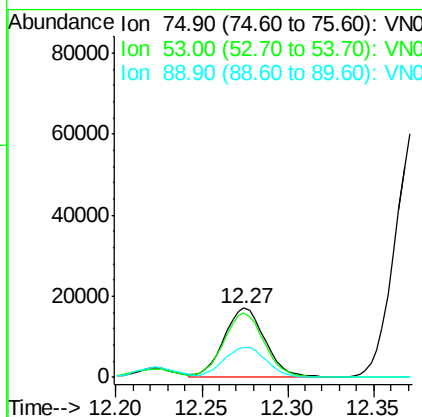
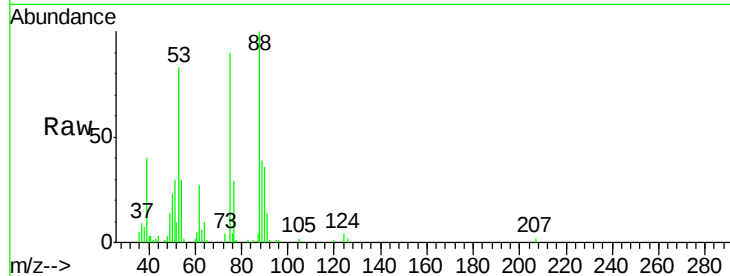




#81
trans-1,4-Dichloro-2-butene
Concen: 16.448 ug/l
RT: 12.27 min Scan# 3266
Delta R.T. -0.00 min
Lab File: VN061502.D
Acq: 20 May 2020 15:53

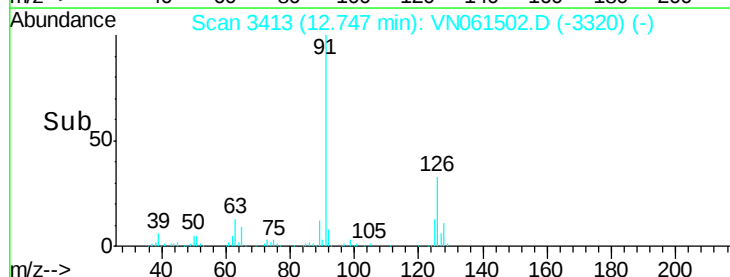
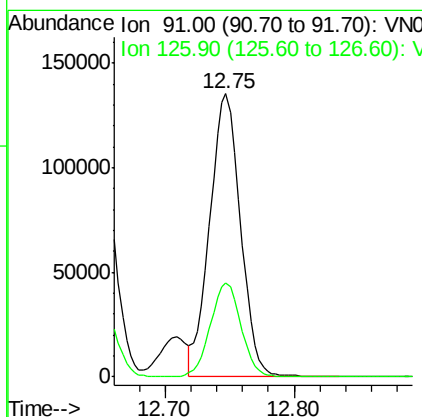
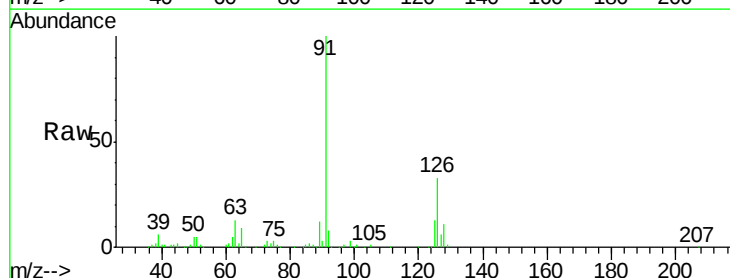
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 75 Resp: 28658
Ion Ratio Lower Upper
75 100
53 91.2 75.2 112.8
89 44.5 38.2 57.4



#82
4-Chlorotoluene
Concen: 18.490 ug/l
RT: 12.75 min Scan# 3413
Delta R.T. -0.00 min
Lab File: VN061502.D
Acq: 20 May 2020 15:53

Tgt Ion: 91 Resp: 222968
Ion Ratio Lower Upper
91 100
126 33.3 16.1 48.2

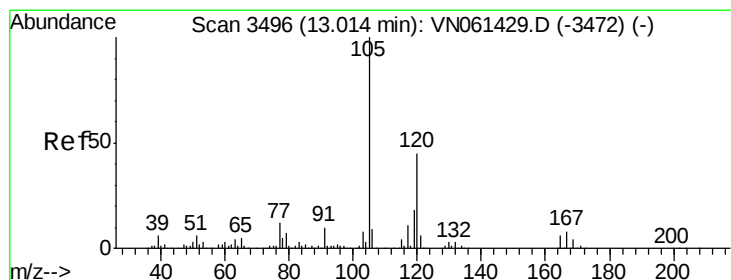
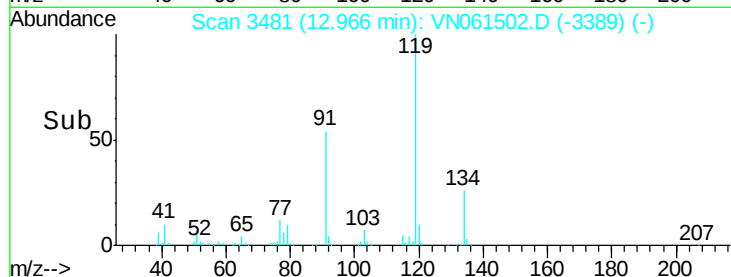
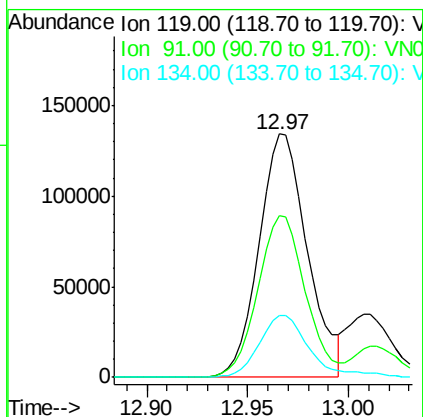
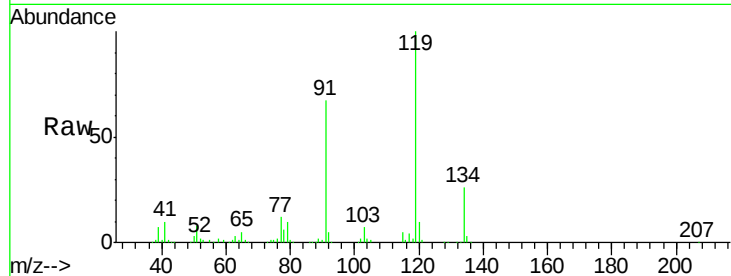




#83
tert-Butylbenzene
Concen: 18.493 ug/l
RT: 12.97 min Scan# 3481
Delta R.T. -0.00 min
Lab File: VN061502.D
Acq: 20 May 2020 15:53

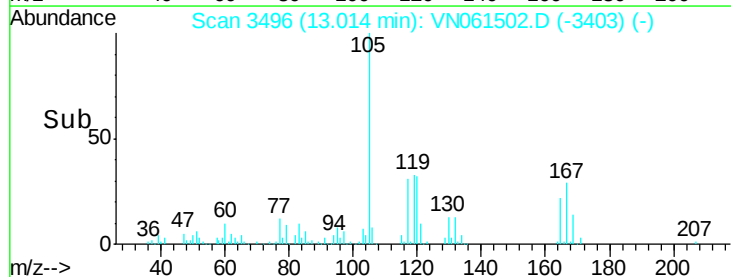
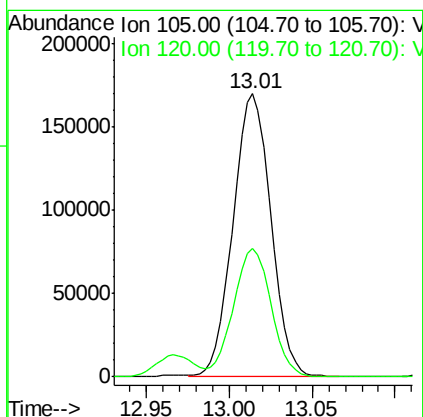
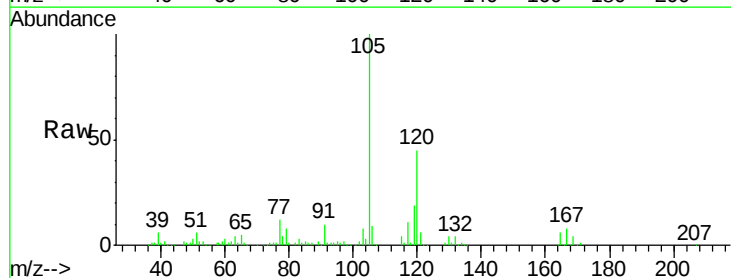
Instrument :
MSVOA_N
ClientSampleId :

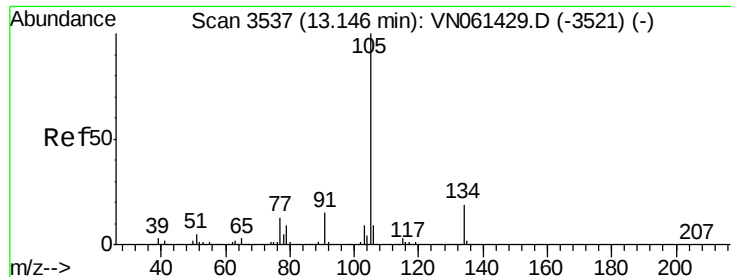
Tot Ion:119 Resp: 224289
Ion Ratio Lower Upper
119 100
91 65.2 33.7 101.0
134 26.6 12.8 38.3



#84
1,2,4-Trimethylbenzene
Concen: 18.876 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. -0.00 min
Lab File: VN061502.D
Acq: 20 May 2020 15:53

Tgt Ion:105 Resp: 267483
Ion Ratio Lower Upper
105 100
120 45.6 22.4 67.3





#85

sec-Butylbenzene

Concen: 17.443 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN061502.D

Acq: 20 May 2020 15:53

Instrument :

MSVOA_N

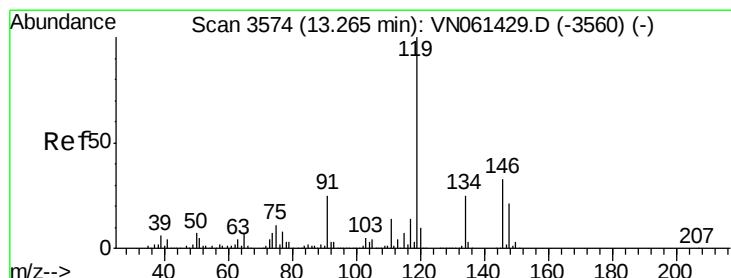
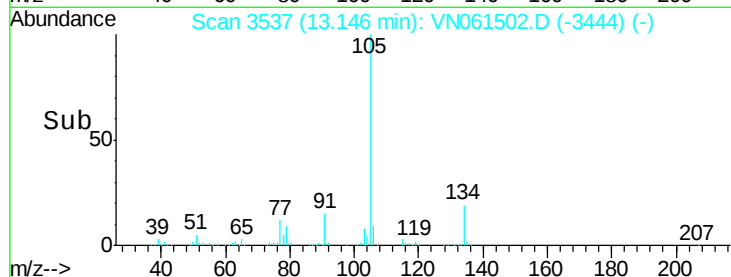
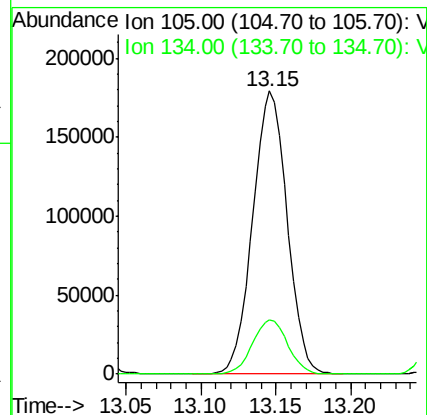
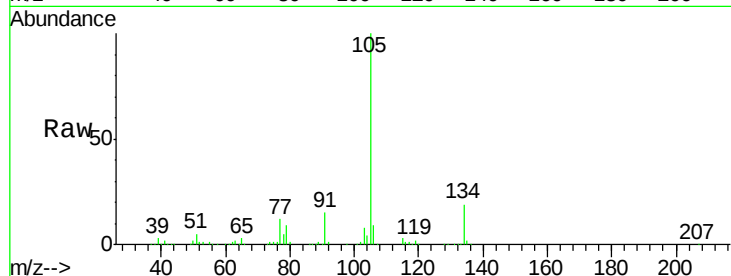
ClientSampleId :

Tot Ion:105 Resp: 286068

Ion Ratio Lower Upper

105 100

134 19.7 9.8 29.5



#86

p-Isopropyltoluene

Concen: 17.931 ug/l

RT: 13.26 min Scan# 3573

Delta R.T. -0.00 min

Lab File: VN061502.D

Acq: 20 May 2020 15:53

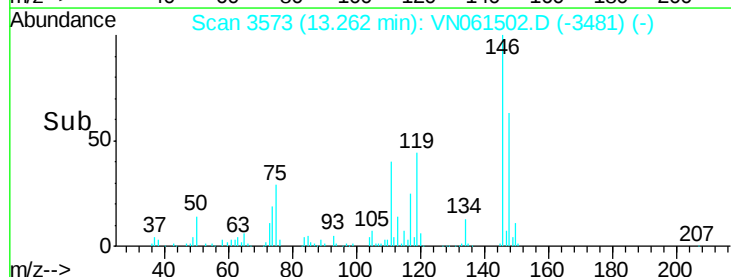
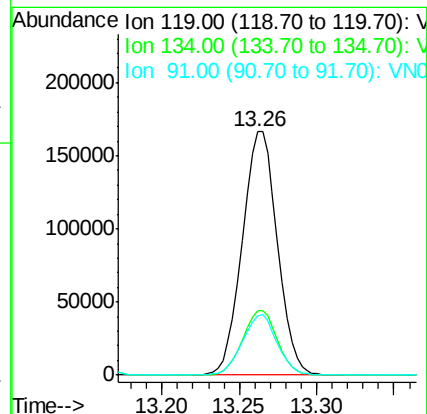
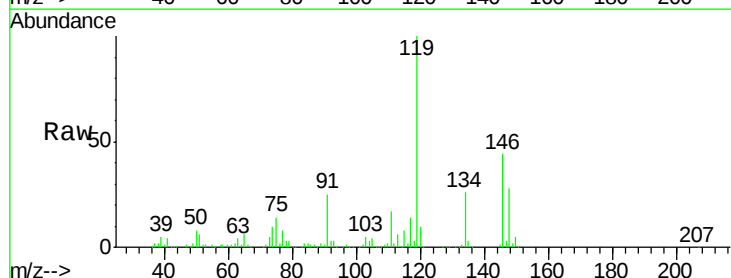
Tgt Ion:119 Resp: 261135

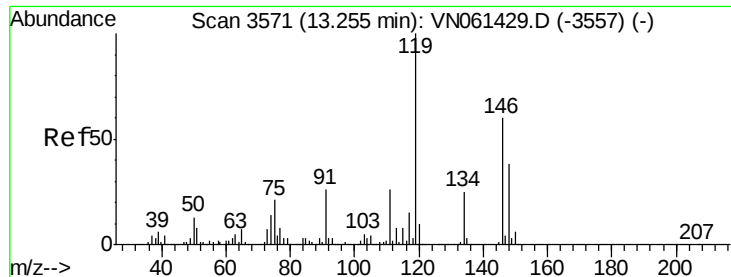
Ion Ratio Lower Upper

119 100

134 26.6 12.7 38.1

91 24.8 12.6 37.6

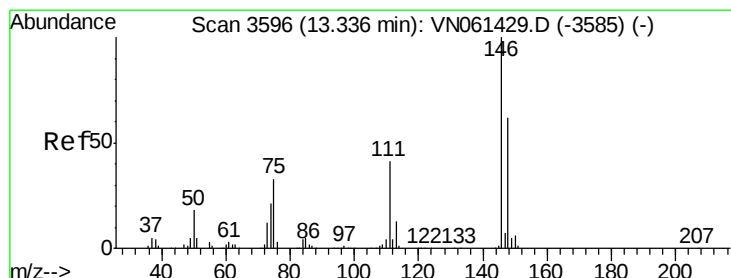
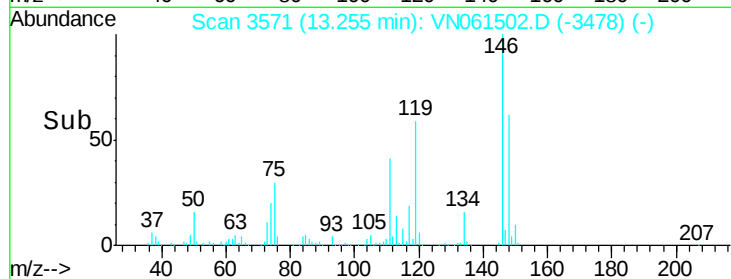
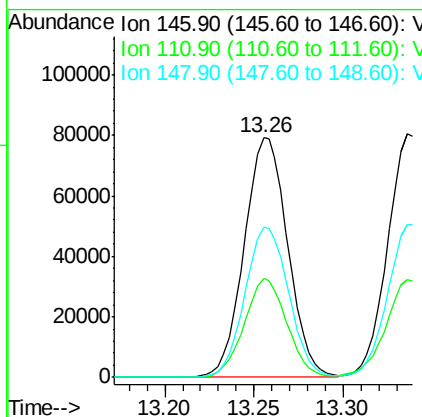
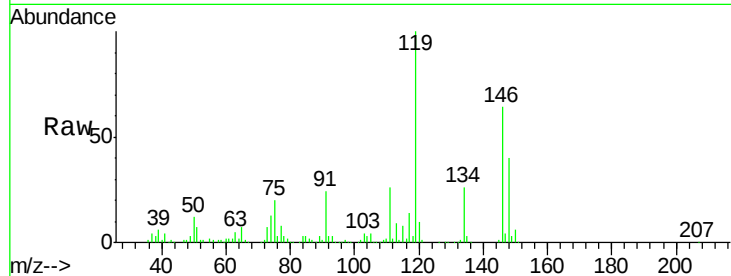




#87
 1,3-Dichlorobenzene
 Concen: 19.704 ug/l
 RT: 13.26 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VN061502.D
 Acq: 20 May 2020 15:53

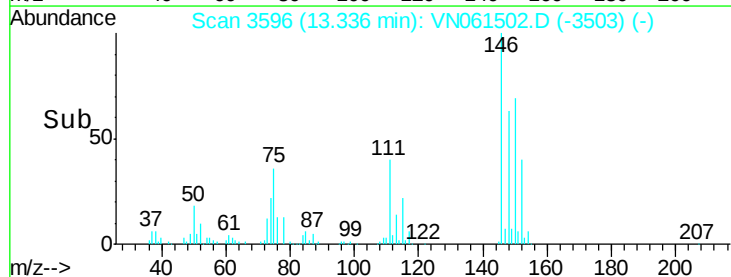
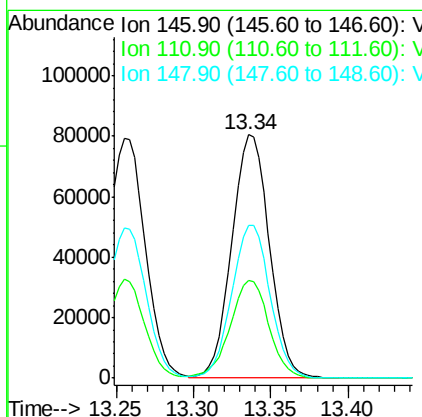
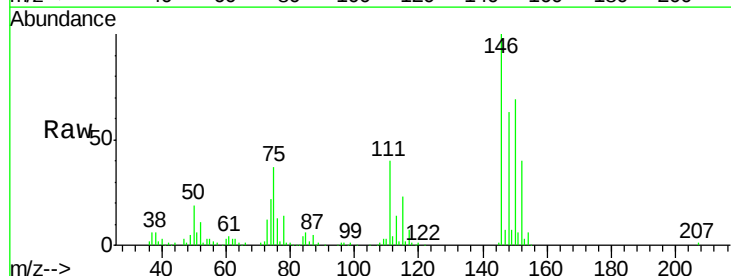
Instrument :
 MSVOA_N
 ClientSampled :

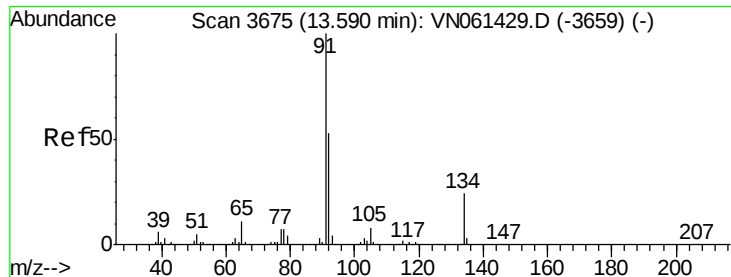
Tot Ion:146 Resp: 135333
 Ion Ratio Lower Upper
 146 100
 111 40.5 21.5 64.5
 148 63.1 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 19.692 ug/l
 RT: 13.34 min Scan# 3596
 Delta R.T. -0.00 min
 Lab File: VN061502.D
 Acq: 20 May 2020 15:53

Tgt Ion:146 Resp: 135453
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.8 62.5
 148 63.8 31.6 94.8

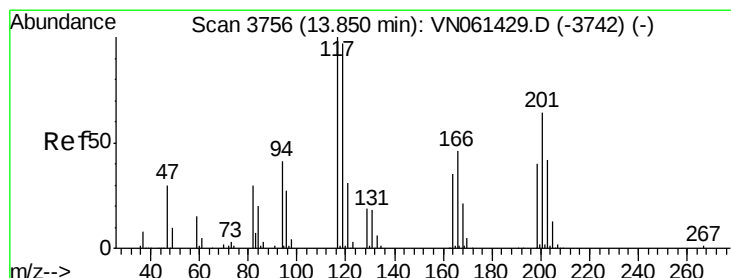
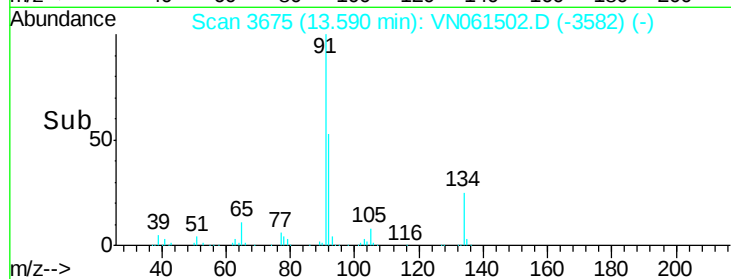
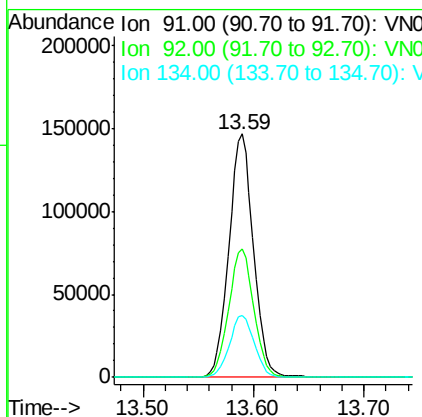
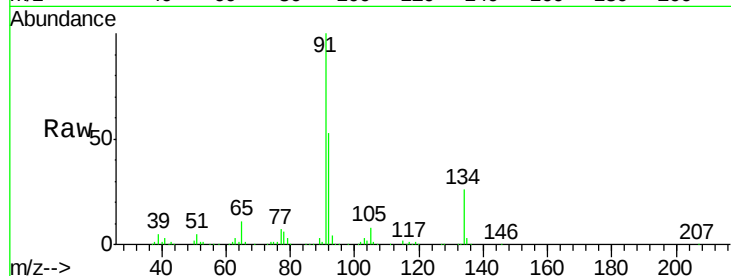




#89
n-Butylbenzene
Concen: 17.119 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN061502.D
Acq: 20 May 2020 15:53

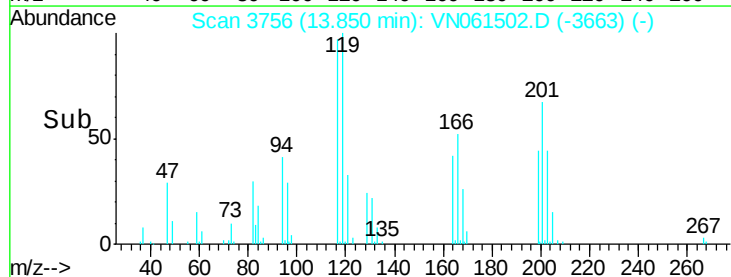
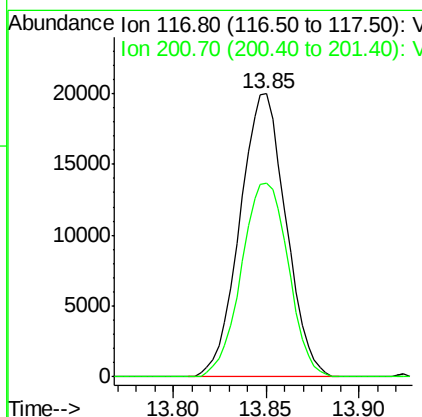
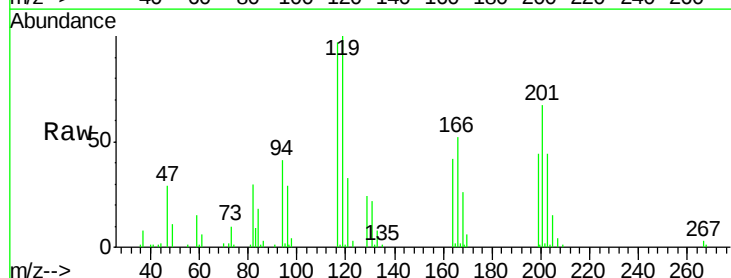
Instrument :
MSVOA_N
ClientSampled :

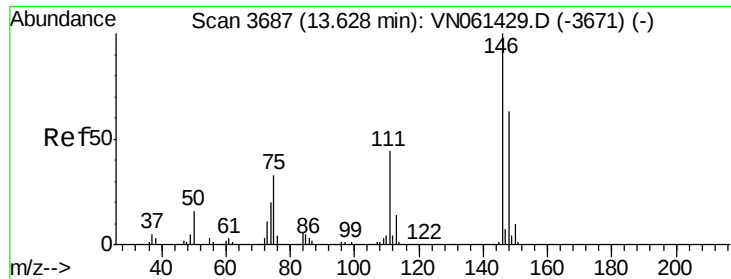
Tot Ion	91	Resp	226487
Ion	Ratio	Lower	Upper
91	100		
92	53.8	26.8	80.3
134	25.9	12.4	37.4



#90
Hexachloroethane
Concen: 17.451 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN061502.D
Acq: 20 May 2020 15:53

Tgt Ion	117	Resp	34443
Ion	Ratio	Lower	Upper
117	100		
201	69.6	32.9	98.7

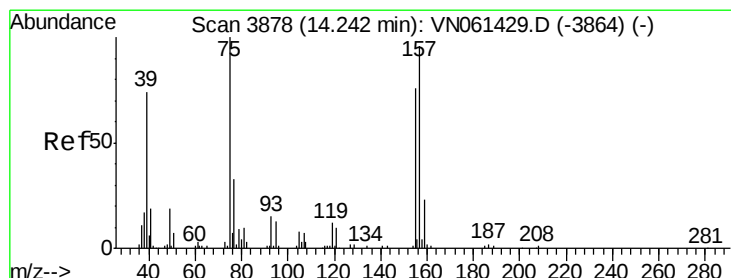
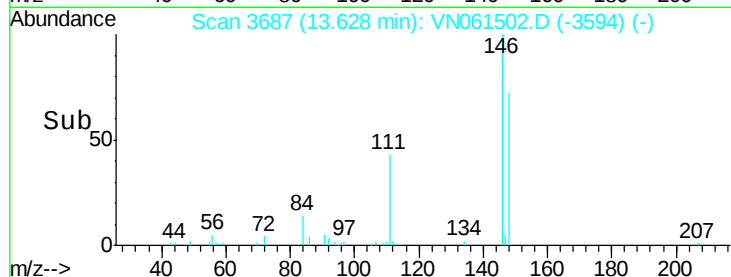
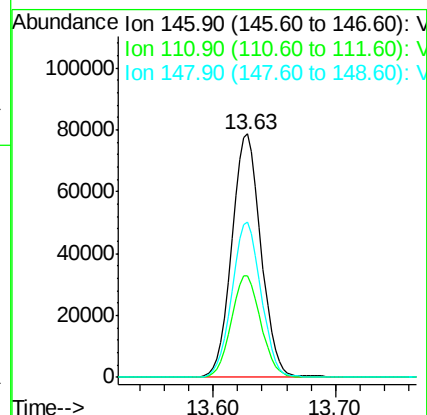
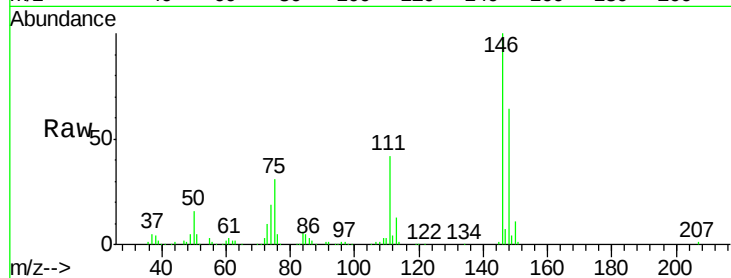




#91
 1,2-Dichlorobenzene
 Concen: 20.030 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN061502.D
 Acq: 20 May 2020 15:53

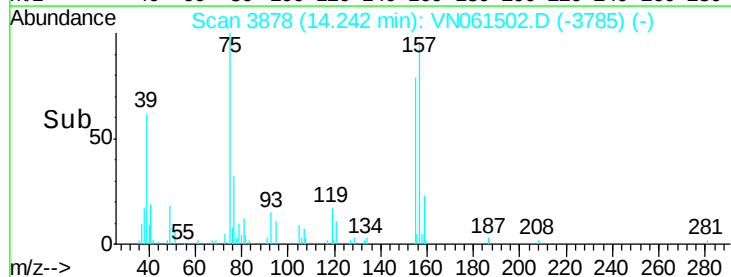
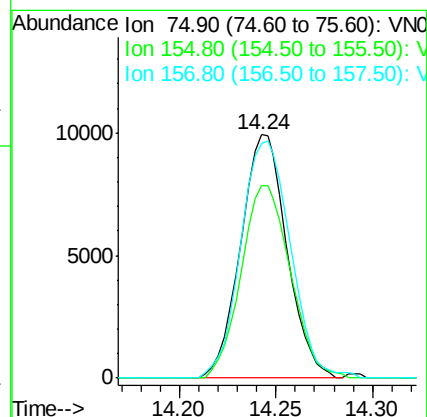
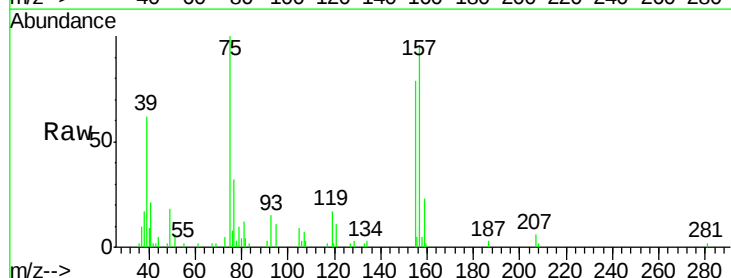
Instrument :
 MSVOA_N
 ClientSampleId :

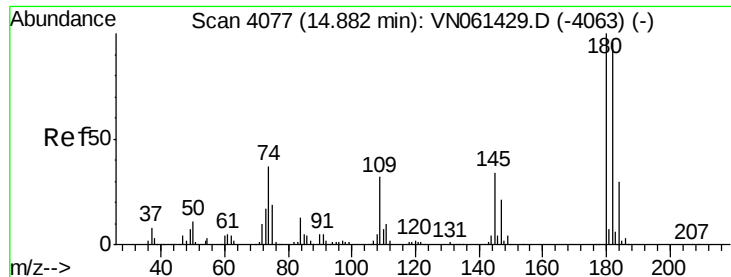
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.2	21.9	65.7
148	63.6	31.6	94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.176 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN061502.D
 Acq: 20 May 2020 15:53

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.0	38.9	116.7
157	104.8	48.6	145.8

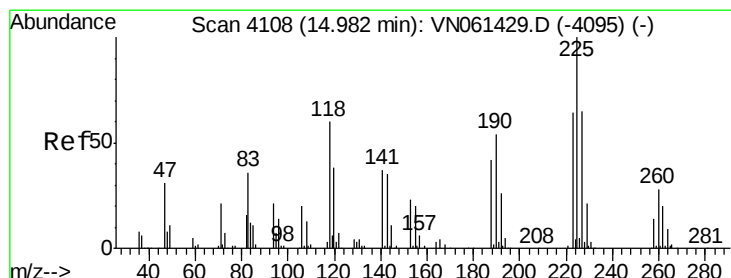
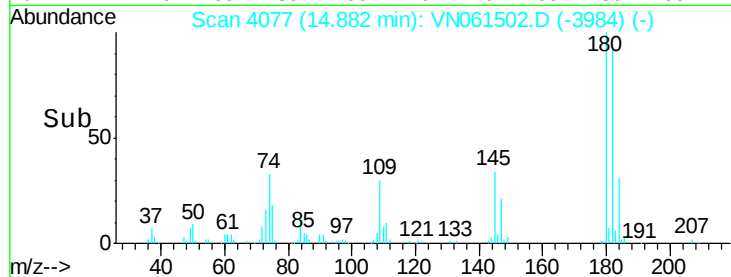
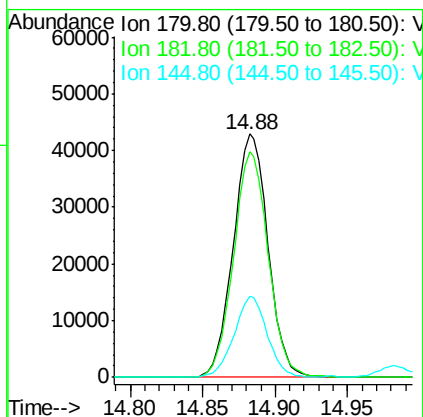
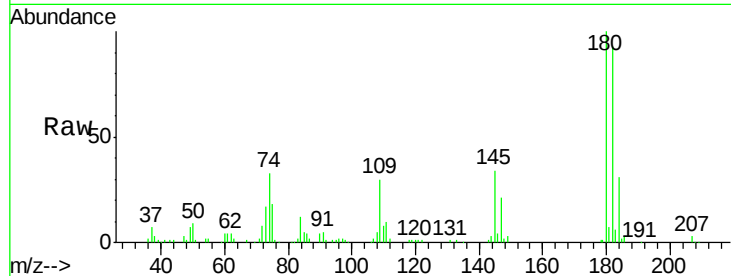




#93
 1,2,4-Trichlorobenzene
 Concen: 19.937 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN061502.D
 Acq: 20 May 2020 15:53

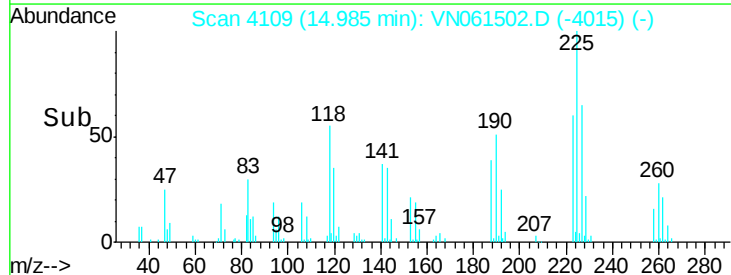
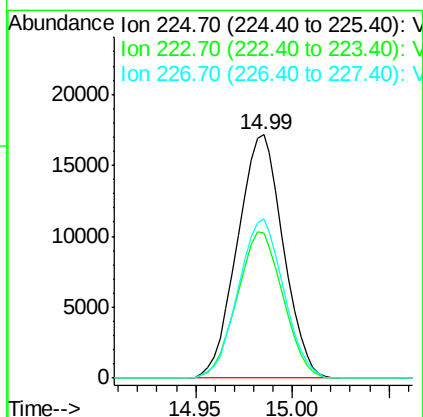
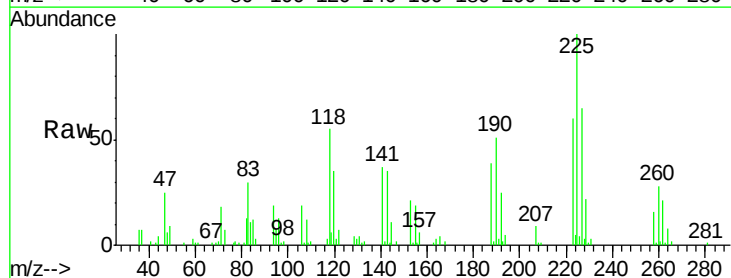
Instrument :
 MSVOA_N
 ClientSampleId :

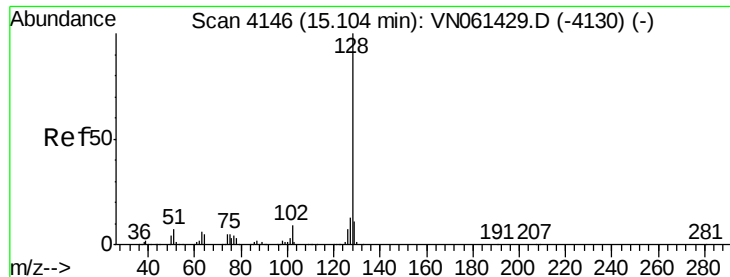
Tot Ion:180 Resp: 71220
 Ion Ratio Lower Upper
 180 100
 182 92.4 47.0 141.0
 145 31.8 16.7 50.0



#94
 Hexachlorobutadiene
 Concen: 17.799 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN061502.D
 Acq: 20 May 2020 15:53

Tgt Ion:225 Resp: 28251
 Ion Ratio Lower Upper
 225 100
 223 60.0 31.9 95.7
 227 64.8 31.5 94.5





#95

Naphthalene

Concen: 20.417 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. -0.00 min

Lab File: VN061502.D

Acq: 20 May 2020 15:53

Instrument :

MSVOA_N

ClientSampleId :

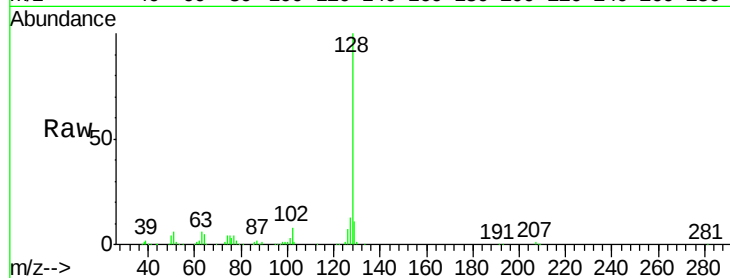
Tot Ion:128 Resp: 231878

Ion Ratio Lower Upper

128 100

127 12.8 10.1 15.1

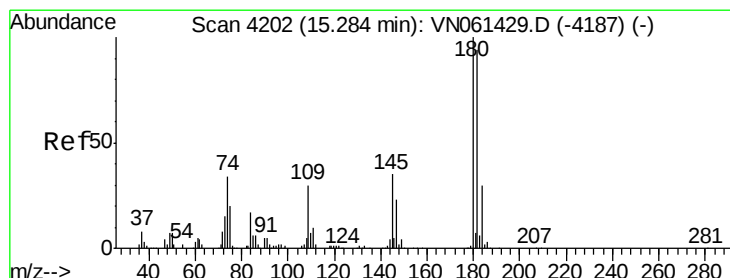
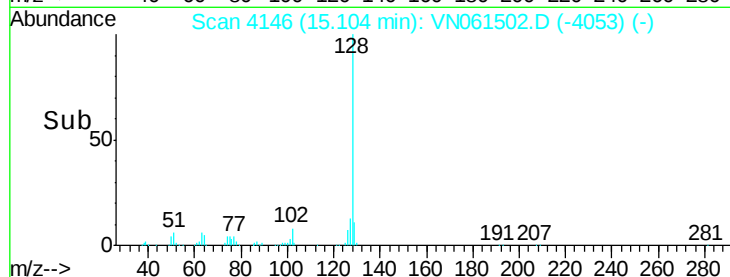
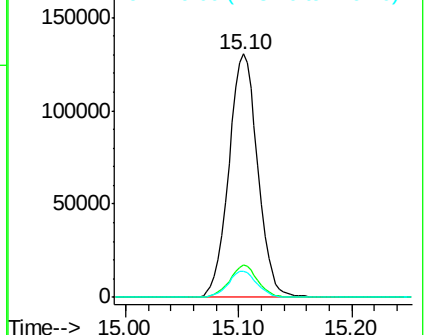
129 10.6 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.500 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. -0.00 min

Lab File: VN061502.D

Acq: 20 May 2020 15:53

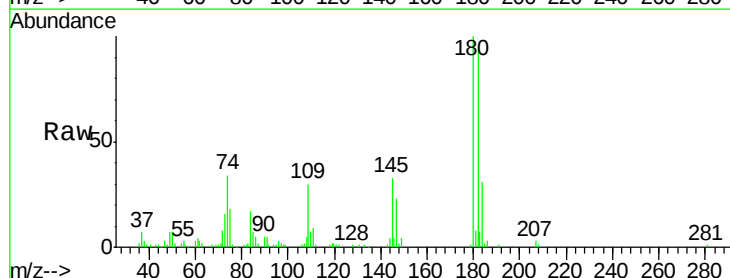
Tgt Ion:180 Resp: 69347

Ion Ratio Lower Upper

180 100

182 96.0 47.8 143.3

145 33.8 17.3 51.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

