

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041420\
 Data File : VN060929.D
 Acq On : 14 Apr 2020 13:37
 Operator : JC/MD
 Sample : VN0414WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0414WBSD01

Quant Time: Apr 15 07:44:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	140101	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	235285	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	212021	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	96930	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	84569	43.97	ug/l	0.00
Spiked Amount						
			Recovery	=	87.94%	
35) Dibromofluoromethane	7.56	113	62854	44.18	ug/l	0.00
Spiked Amount						
			Recovery	=	88.36%	
50) Toluene-d8	10.08	98	245132	42.18	ug/l	0.00
Spiked Amount						
			Recovery	=	84.36%	
62) 4-Bromofluorobenzene	12.39	95	88668	41.63	ug/l	0.00
Spiked Amount						
			Recovery	=	83.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	24406	18.004	ug/l	99
3) Chloromethane	2.04	50	44427	17.547	ug/l	99
4) Vinyl Chloride	2.17	62	36063	18.211	ug/l	99
5) Bromomethane	2.55	94	17994	21.049	ug/l	99
6) Chloroethane	2.69	64	23134	20.280	ug/l	99
7) Trichlorofluoromethane	3.00	101	49757	20.397	ug/l	99
8) Diethyl Ether	3.38	74	20647	21.069	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.74	101	30122	21.310	ug/l	99
10) Methyl Iodide	3.93	142	22766	18.100	ug/l	99
11) Tert butyl alcohol	4.72	59	26693	94.371	ug/l	99
12) 1,1-Dichloroethene	3.72	96	29966	19.755	ug/l	97
13) Acrolein	3.58	56	27637	88.161	ug/l	98
14) Allyl chloride	4.29	41	57938	21.717	ug/l	95
15) Acrylonitrile	4.94	53	88900	106.883	ug/l	99
16) Acetone	3.78	43	86075	126.347	ug/l	96
17) Carbon Disulfide	4.03	76	80936	17.544	ug/l	97
18) Methyl Acetate	4.29	43	42145	21.978	ug/l	98
19) Methyl tert-butyl Ether	5.00	73	109569	21.010	ug/l	96
20) Methylene Chloride	4.52	84	34814	20.774	ug/l	99
21) trans-1,2-Dichloroethene	5.01	96	32122	19.870	ug/l	94
22) Diisopropyl ether	5.91	45	128655	22.826	ug/l	97
23) Vinyl Acetate	5.86	43	507055	110.259	ug/l	99
24) 1,1-Dichloroethane	5.82	63	66990	21.802	ug/l	99
25) 2-Butanone	6.80	43	120993	109.754	ug/l	99
26) 2,2-Dichloropropane	6.79	77	57170	23.648	ug/l	100
27) cis-1,2-Dichloroethene	6.80	96	38273	20.833	ug/l	97
28) Bromochloromethane	7.16	49	28293	19.246	ug/l	95
29) Tetrahydrofuran	7.18	42	78735	100.944	ug/l	97
30) Chloroform	7.34	83	63339	21.503	ug/l	98
31) Cyclohexane	7.63	56	60773	19.619	ug/l	97
32) 1,1,1-Trichloroethane	7.54	97	52854	20.814	ug/l	96
36) 1,1-Dichloropropene	7.77	75	47024	20.640	ug/l	99
37) Ethyl Acetate	6.89	43	50953	20.698	ug/l	99
38) Carbon Tetrachloride	7.75	117	41396	20.273	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.06	83	56440	20.846	ug/l	97
40) Benzene	8.02	78	144249	20.974	ug/l	100
41) Methacrylonitrile	7.18	41	71611	68.162	ug/l #	100
42) 1,2-Dichloroethane	8.10	62	49750	21.166	ug/l	99
43) Isopropyl Acetate	8.14	43	85512	21.063	ug/l	100
44) Trichloroethene	8.81	130	34874	20.115	ug/l	97
45) 1,2-Dichloropropane	9.10	63	40892	22.533	ug/l	98
46) Dibromomethane	9.19	93	23230	21.173	ug/l	99
47) Bromodichloromethane	9.38	83	49523	21.722	ug/l	100
48) Methyl methacrylate	9.18	41	36653	20.277	ug/l	99
49) 1,4-Dioxane	9.18	88	7698	358.294	ug/l	97
51) 4-Methyl-2-Pentanone	9.97	43	245557	106.290	ug/l	99
52) Toluene	10.14	92	85247	20.524	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	56819	21.696	ug/l	98
54) cis-1,3-Dichloropropene	9.82	75	61912	21.550	ug/l	97
55) 1,1,2-Trichloroethane	10.55	97	34029	21.295	ug/l	99
56) Ethyl methacrylate	10.42	69	51469	20.657	ug/l	97
57) 1,3-Dichloropropane	10.70	76	59256	21.369	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.68	63	110010	88.837	ug/l	99
59) 2-Hexanone	10.74	43	174685	104.967	ug/l	100
60) Dibromochloromethane	10.89	129	34679	21.010	ug/l	98
61) 1,2-Dibromoethane	10.99	107	33342	20.750	ug/l	99
64) Tetrachloroethene	10.62	164	32212	19.307	ug/l	98
65) Chlorobenzene	11.42	112	88292	21.006	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.50	131	32475	21.340	ug/l	98
67) Ethyl Benzene	11.50	91	165760	21.207	ug/l	100
68) m/p-Xylenes	11.61	106	119309	41.076	ug/l	98
69) o-Xylene	11.94	106	58220	20.997	ug/l	100
70) Styrene	11.96	104	92679	20.437	ug/l	100
71) Bromoform	12.12	173	23632	19.737	ug/l #	100
73) Isopropylbenzene	12.24	105	157269	21.620	ug/l	100
74) N-amyl acetate	12.06	43	70054	20.841	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	47948	21.797	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	63416	30.320	ug/l #	100
77) Bromobenzene	12.52	156	36335	20.729	ug/l	98
78) n-propylbenzene	12.59	91	185536	21.589	ug/l	99
79) 2-Chlorotoluene	12.67	91	108763	21.181	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	131855	21.360	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.29	75	16605	20.390	ug/l	98
82) 4-Chlorotoluene	12.77	91	112131	21.441	ug/l	97
83) tert-Butylbenzene	12.99	119	111674	21.823	ug/l	100
84) 1,2,4-Trimethylbenzene	13.03	105	132388	21.678	ug/l	99
85) sec-Butylbenzene	13.17	105	153252	22.271	ug/l	100
86) p-Isopropyltoluene	13.28	119	134415	21.723	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	64483	20.858	ug/l	100
88) 1,4-Dichlorobenzene	13.36	146	64528	20.775	ug/l	99
89) n-Butylbenzene	13.61	91	124206	22.232	ug/l	100
90) Hexachloroethane	13.87	117	21527	23.934	ug/l	96
91) 1,2-Dichlorobenzene	13.65	146	62963	21.300	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.26	75	9066	19.513	ug/l	89

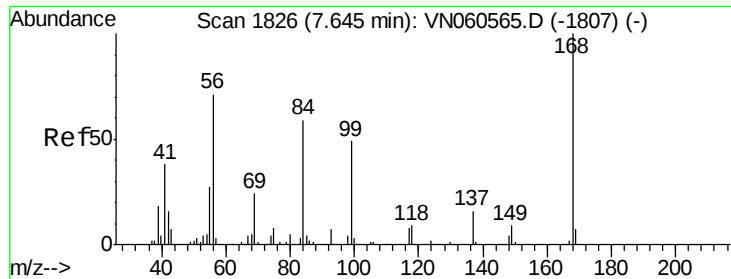
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041420\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.90	180	37764	20.803	ug/l	100
94) Hexachlorobutadiene	15.01	225	20739	23.305	ug/l	98
95) Naphthalene	15.13	128	106203	19.451	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	37179	20.793	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060929.D

Acq: 14 Apr 2020 13:37

Instrument :

MSVOA_N

ClientSampleId :

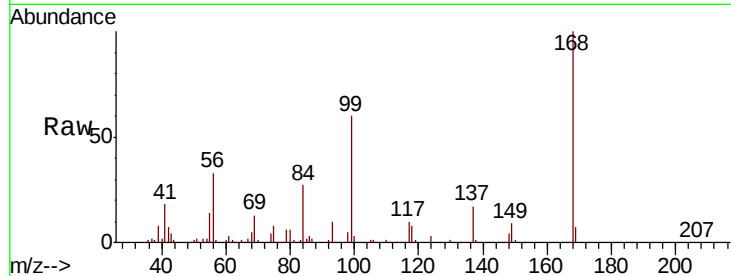
VN0414WBSD01

Tot Ion:168 Resp: 140101

Ion Ratio Lower Upper

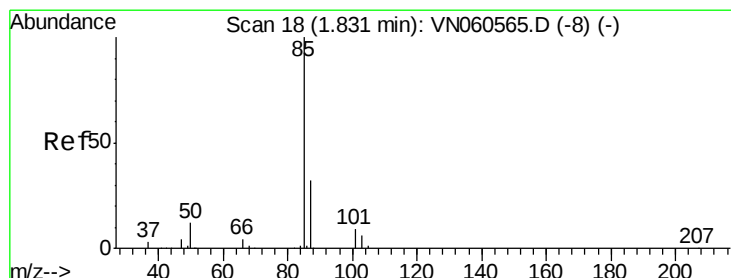
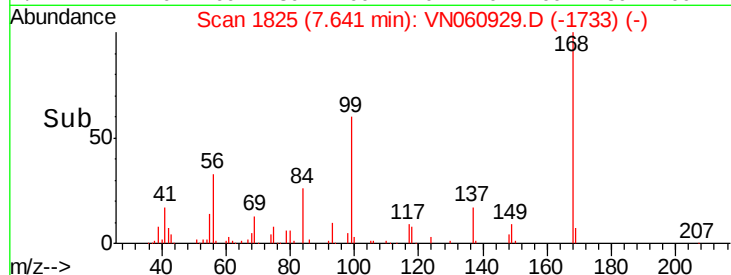
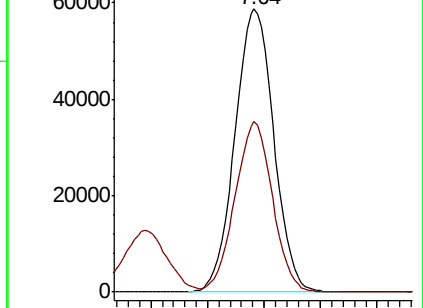
168 100

99 60.3 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#2

Dichlorodifluoromethane

Concen: 18.004 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN060929.D

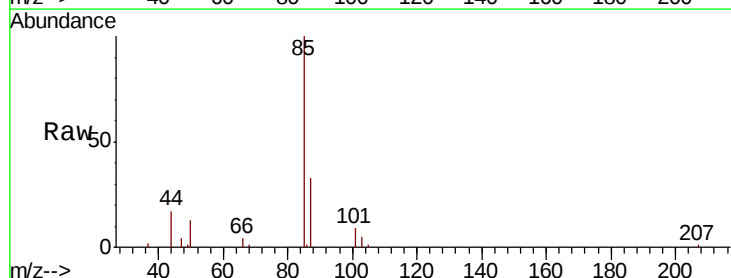
Acq: 14 Apr 2020 13:37

Tgt Ion: 85 Resp: 24406

Ion Ratio Lower Upper

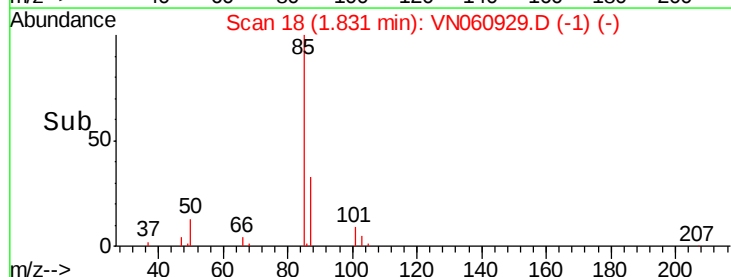
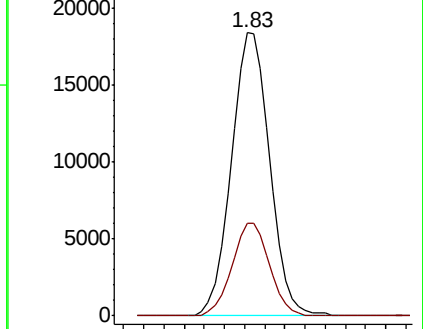
85 100

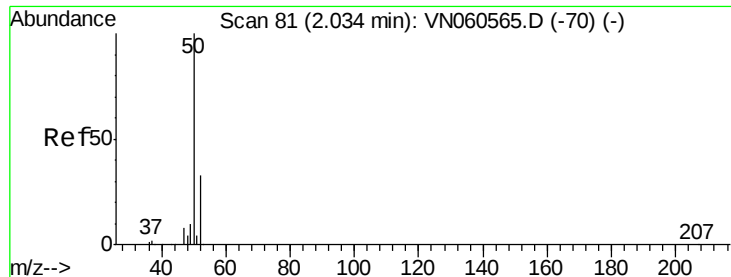
87 32.9 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN





#3

Chloromethane

Concen: 17.547 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN060929.D

Acq: 14 Apr 2020 13:37

Instrument :

MSVOA_N

ClientSampleId :

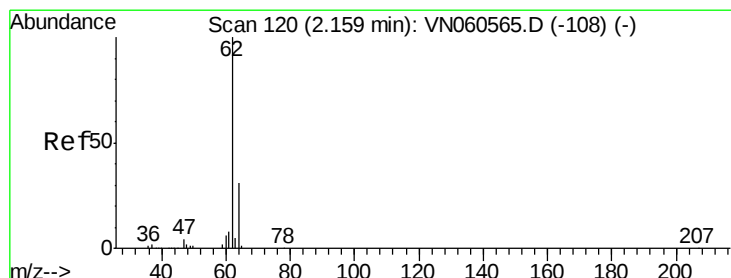
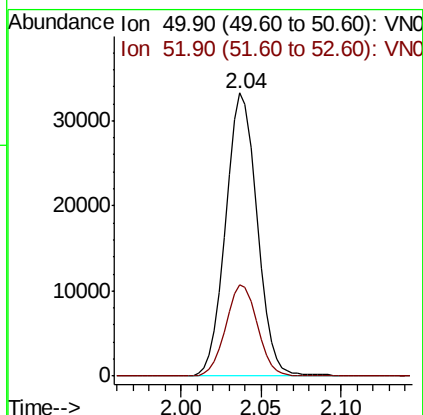
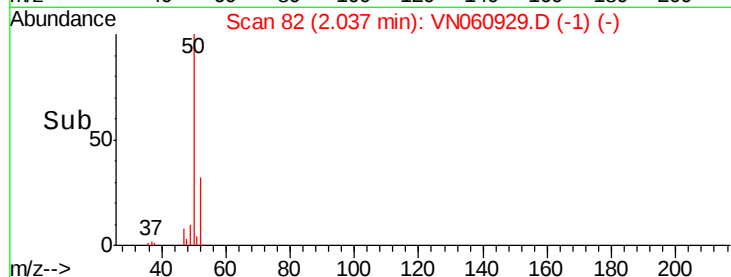
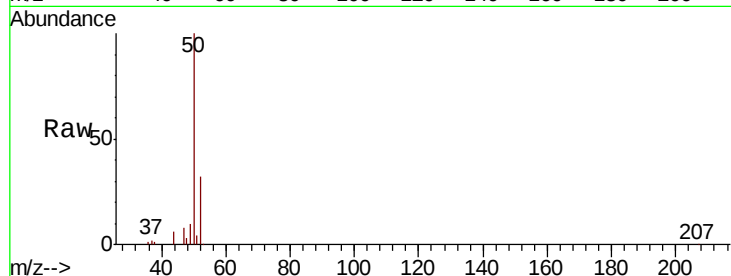
VN0414WBSD01

Tot Ion: 50 Resp: 44427

Ion Ratio Lower Upper

50 100

52 32.3 26.2 39.2



#4

Vinyl Chloride

Concen: 18.211 ug/l

RT: 2.17 min Scan# 122

Delta R.T. 0.01 min

Lab File: VN060929.D

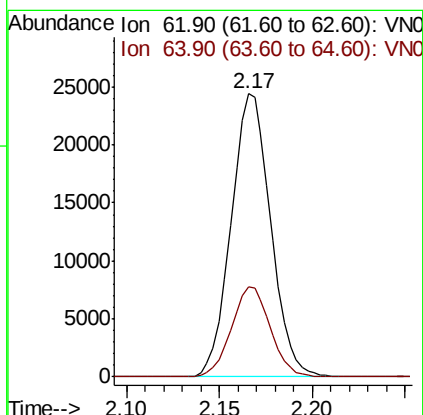
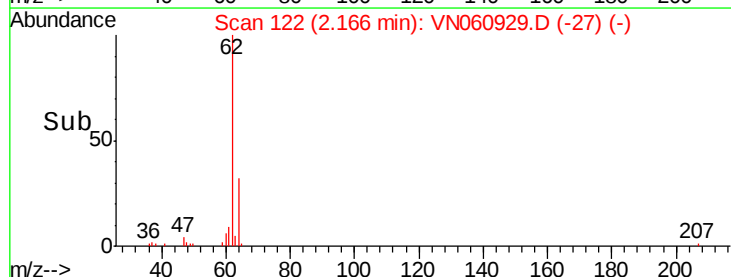
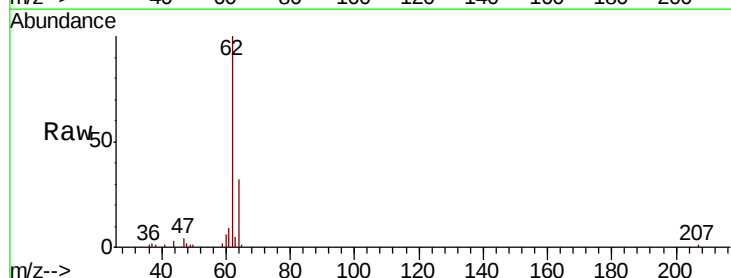
Acq: 14 Apr 2020 13:37

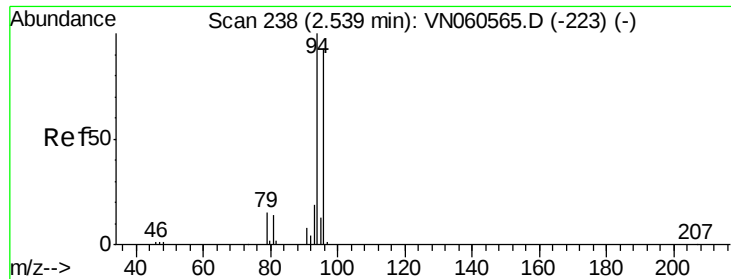
Tgt Ion: 62 Resp: 36063

Ion Ratio Lower Upper

62 100

64 31.7 24.7 37.1





#5

Bromomethane

Concen: 21.049 ug/l

RT: 2.55 min Scan# 242

Delta R.T. 0.01 min

Lab File: VN060929.D

Acq: 14 Apr 2020 13:37

Instrument :

MSVOA_N

ClientSampleId :

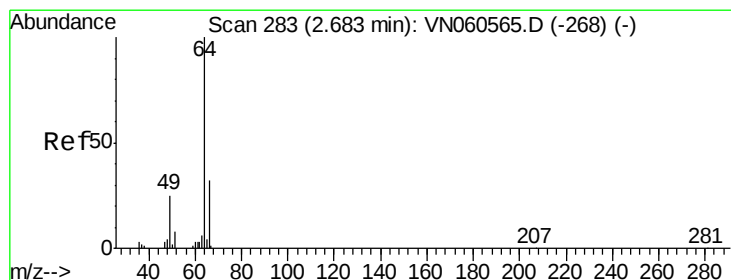
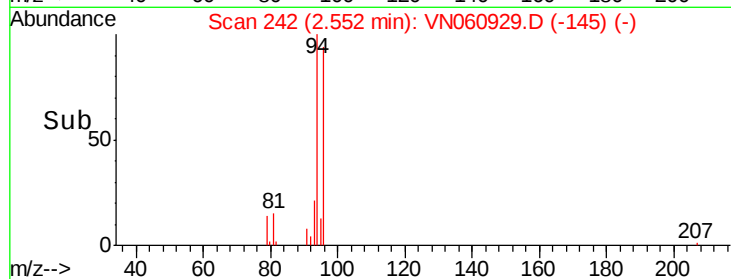
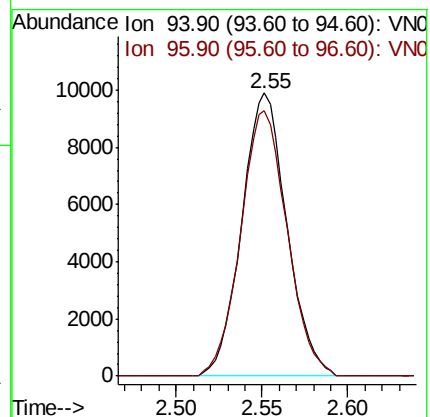
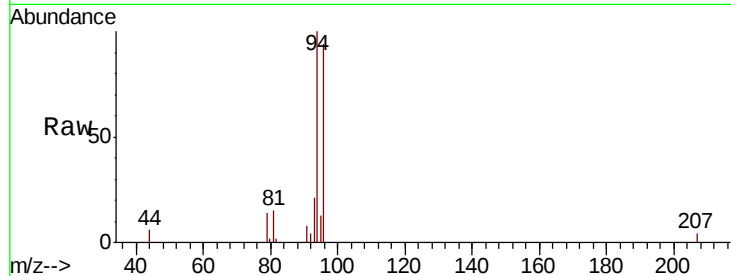
VN0414WBSD01

Tot Ion: 94 Resp: 17994

Ion Ratio Lower Upper

94 100

96 93.8 74.6 112.0



#6

Chloroethane

Concen: 20.280 ug/l

RT: 2.69 min Scan# 284

Delta R.T. 0.00 min

Lab File: VN060929.D

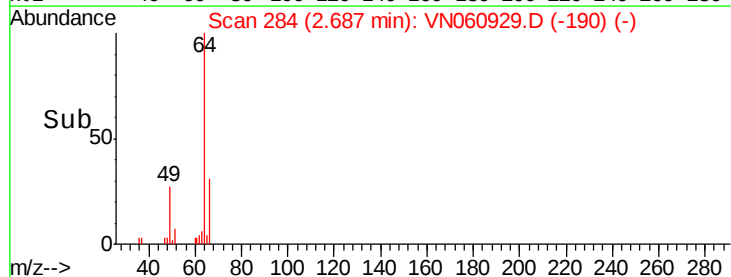
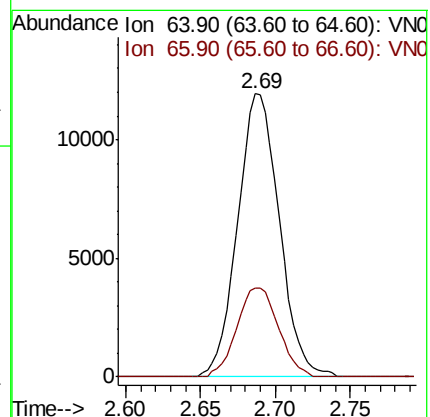
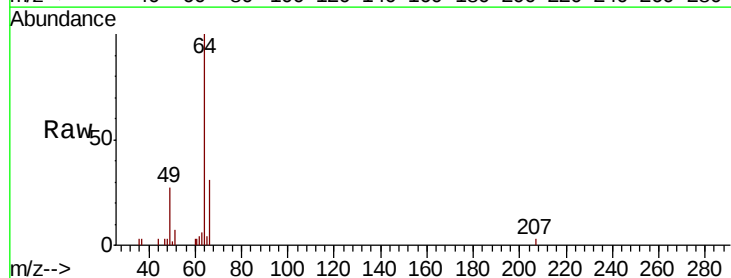
Acq: 14 Apr 2020 13:37

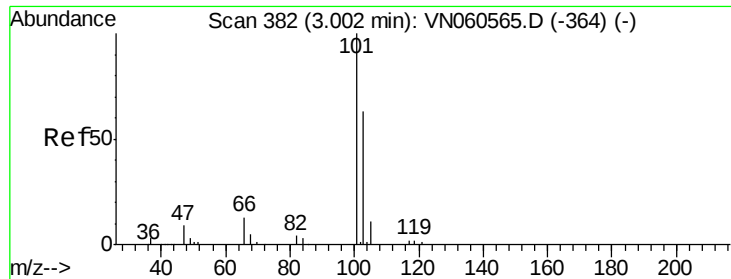
Tgt Ion: 64 Resp: 23134

Ion Ratio Lower Upper

64 100

66 31.3 25.3 37.9



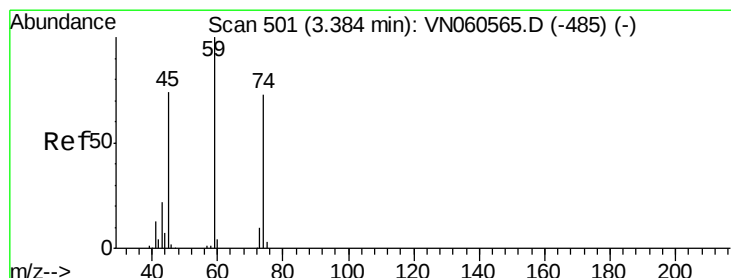
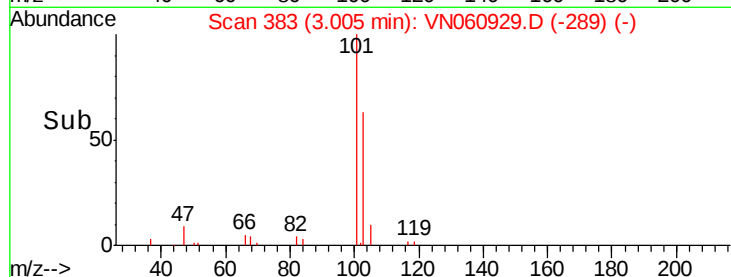
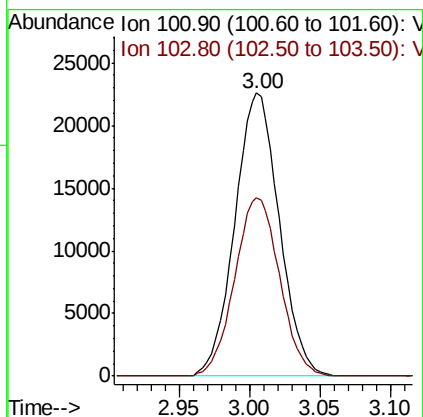
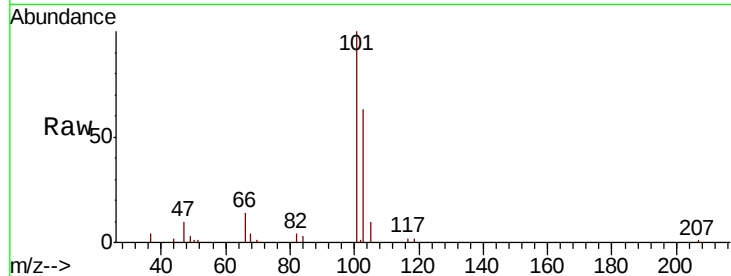


#7

Trichlorofluoromethane
 Concen: 20.397 ug/l
 RT: 3.00 min Scan# 383
 Delta R.T. 0.00 min
 Lab File: VN060929.D
 Acq: 14 Apr 2020 13:37

Instrument :
 MSVOA_N
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 VN0414WBSD01

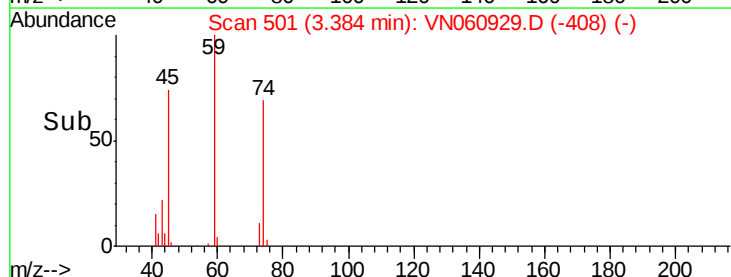
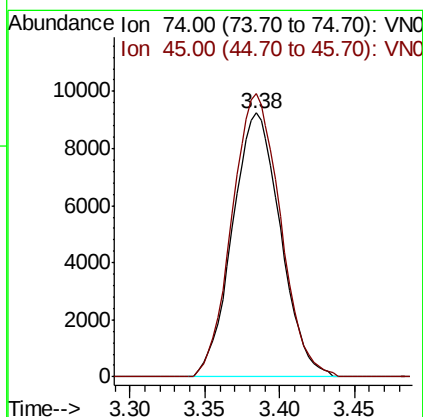
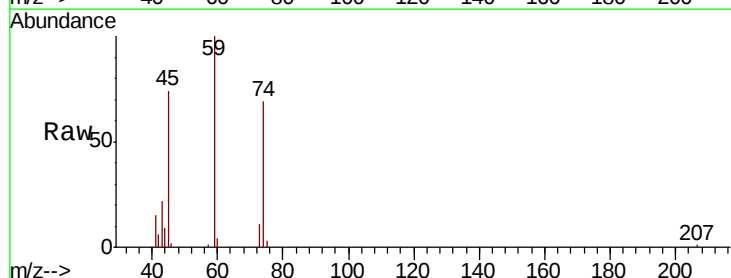
Tot Ion:101 Resp: 49757
 Ion Ratio Lower Upper
 101 100
 103 62.8 50.6 76.0

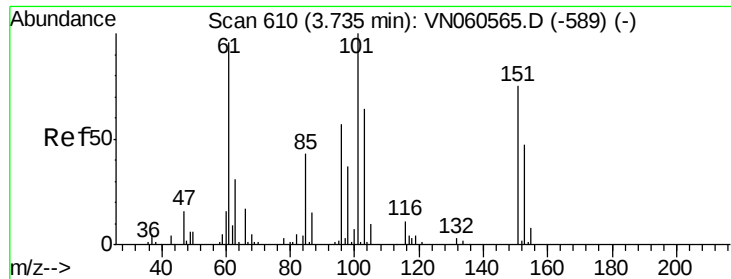


#8

Diethyl Ether
 Concen: 21.069 ug/l
 RT: 3.38 min Scan# 501
 Delta R.T. -0.00 min
 Lab File: VN060929.D
 Acq: 14 Apr 2020 13:37

Tgt Ion: 74 Resp: 20647
 Ion Ratio Lower Upper
 74 100
 45 107.9 51.3 153.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.310 ug/l

RT: 3.74 min Scan# 611

Delta R.T. 0.00 min

Lab File: VN060929.D

Acq: 14 Apr 2020 13:37

Instrument :

MSVOA_N

ClientSampleId :

VN0414WBSD01

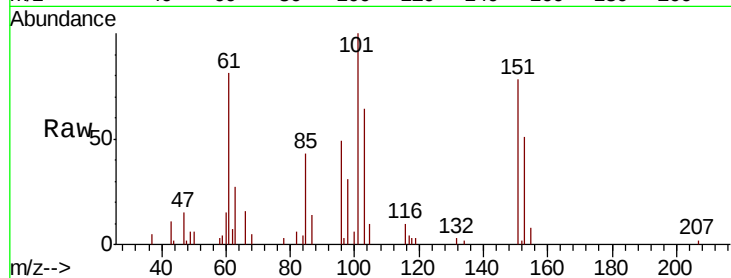
Tot Ion:101 Resp: 30122

Ion Ratio Lower Upper

101 100

85 44.6 35.6 53.4

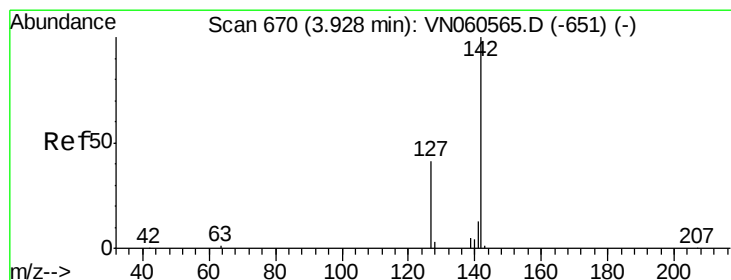
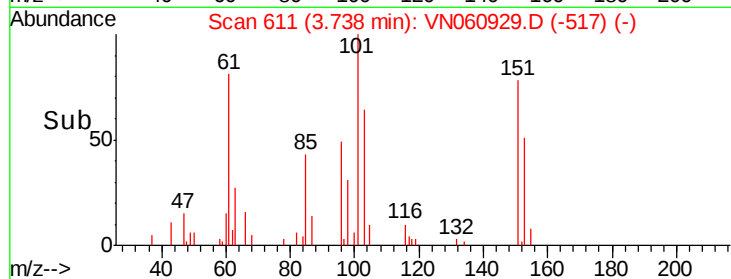
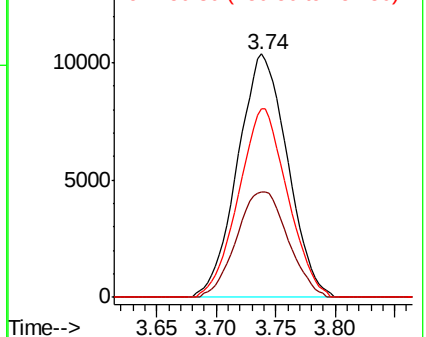
151 76.1 61.4 92.2



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: 18.100 ug/l

RT: 3.93 min Scan# 671

Delta R.T. 0.00 min

Lab File: VN060929.D

Acq: 14 Apr 2020 13:37

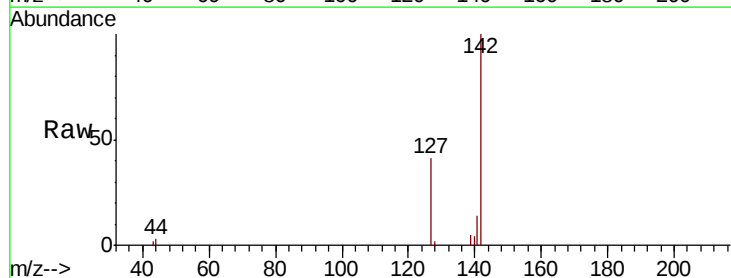
Tgt Ion:142 Resp: 22766

Ion Ratio Lower Upper

142 100

127 42.2 33.5 50.3

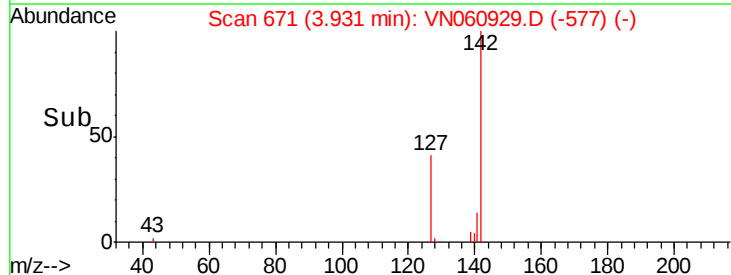
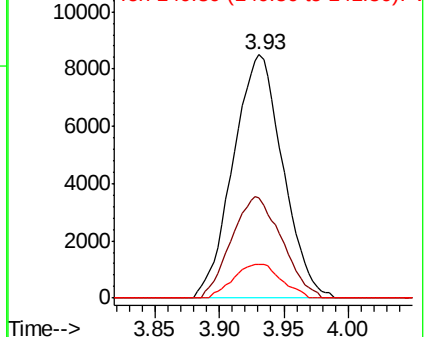
141 13.4 11.0 16.6

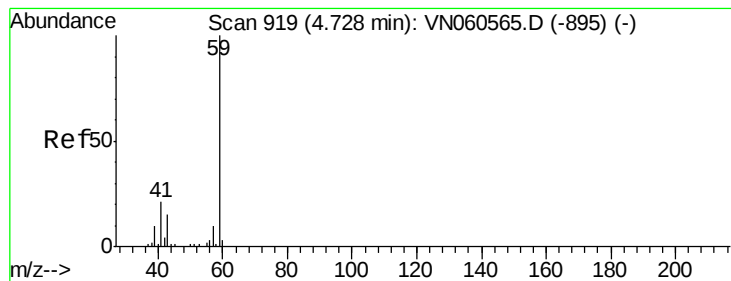


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



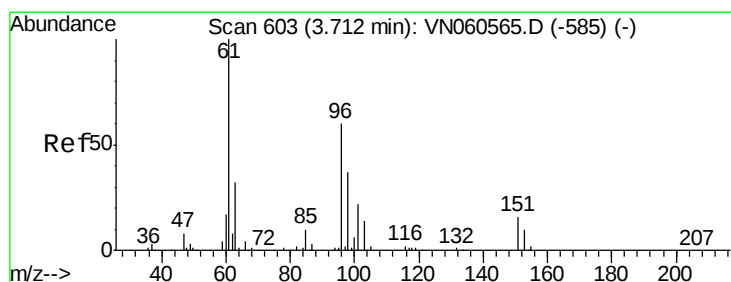
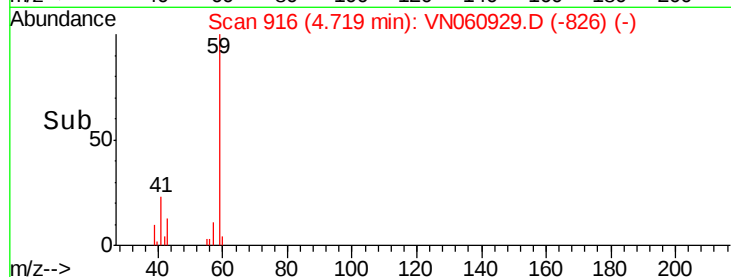
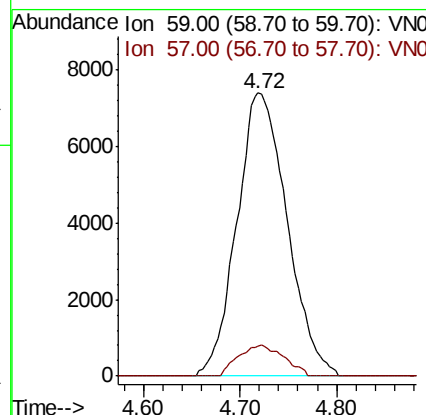
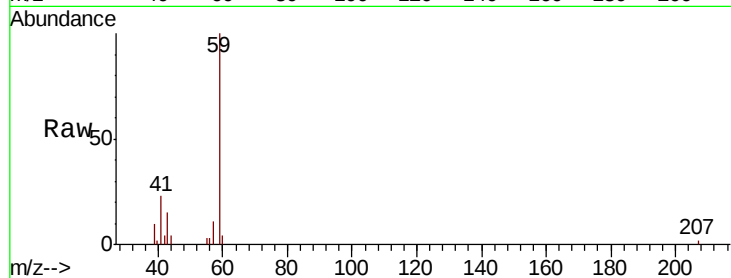


#11

Tert butyl alcohol
 Concen: 94.371 ug/l
 RT: 4.72 min Scan# 916
 Delta R.T. -0.01 min
 Lab File: VN060929.D
 Acq: 14 Apr 2020 13:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0414WBSD01

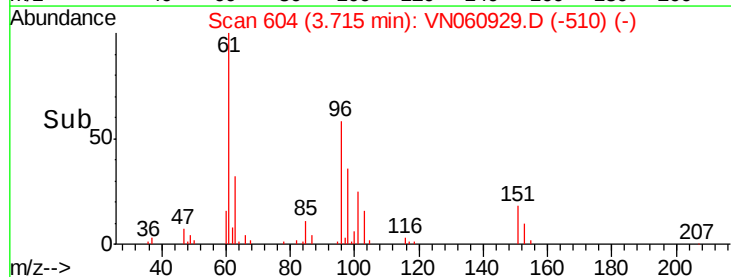
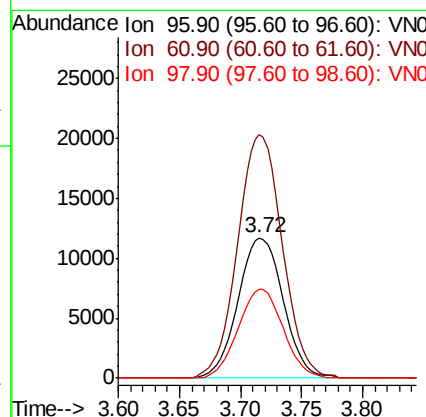
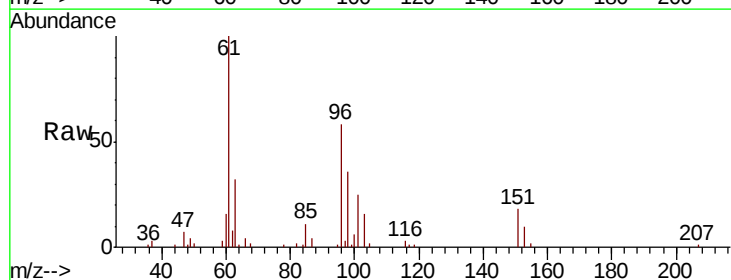
Tot Ion: 59 Resp: 26693
 Ion Ratio Lower Upper
 59 100
 57 9.9 8.2 12.4

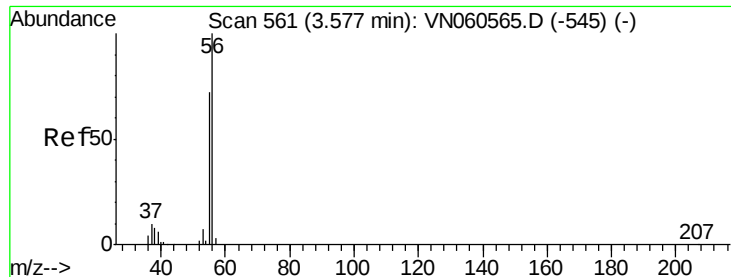


#12

1,1-Dichloroethene
 Concen: 19.755 ug/l
 RT: 3.72 min Scan# 604
 Delta R.T. 0.00 min
 Lab File: VN060929.D
 Acq: 14 Apr 2020 13:37

Tgt Ion: 96 Resp: 29966
 Ion Ratio Lower Upper
 96 100
 61 173.5 134.1 201.1
 98 62.8 49.9 74.9





#13

Acrolein

Concen: 88.161 ug/l

RT: 3.58 min Scan# 561

Delta R.T. -0.00 min

Lab File: VN060929.D

Acq: 14 Apr 2020 13:37

Instrument :

MSVOA_N

ClientSampleId :

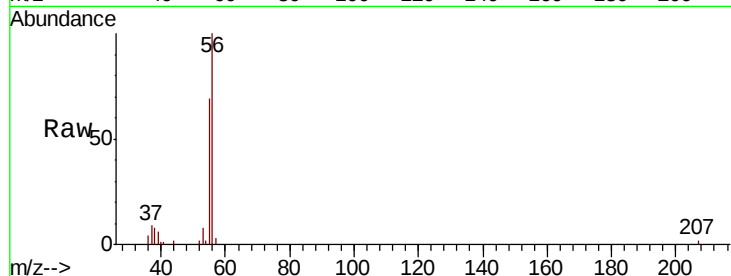
VN0414WBSD01

Tot Ion: 56 Resp: 27637

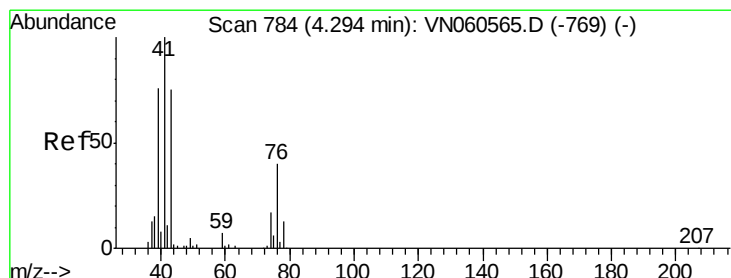
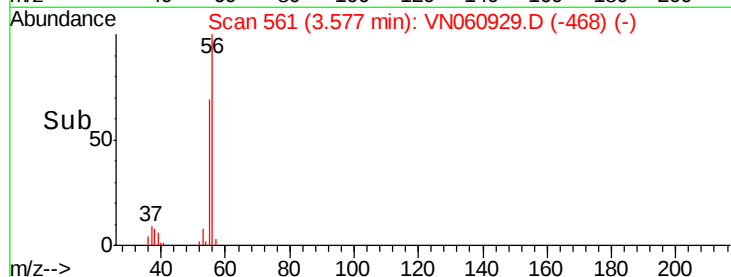
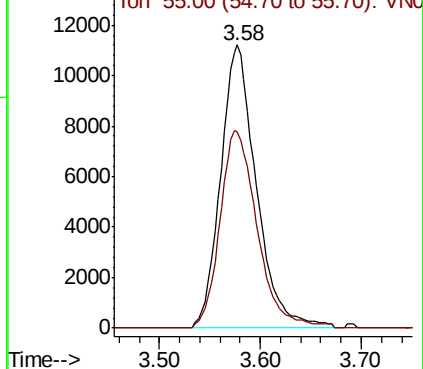
Ion Ratio Lower Upper

56 100

55 72.2 56.7 85.1



Abundance Ion 56.00 (55.70 to 56.70): VN060929.D (-468) (-)



#14

Allyl chloride

Concen: 21.717 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.00 min

Lab File: VN060929.D

Acq: 14 Apr 2020 13:37

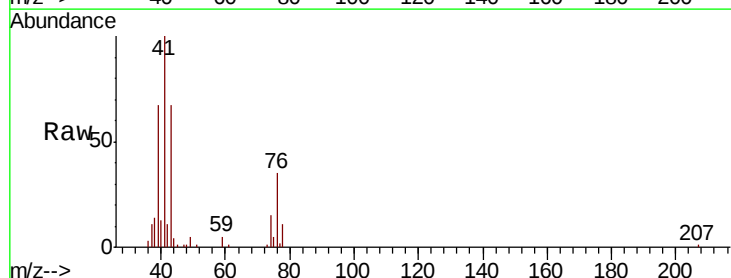
Tgt Ion: 41 Resp: 57938

Ion Ratio Lower Upper

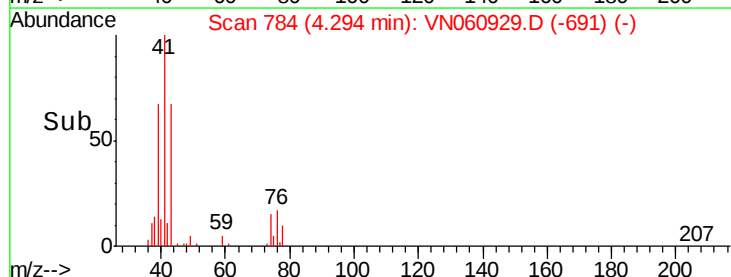
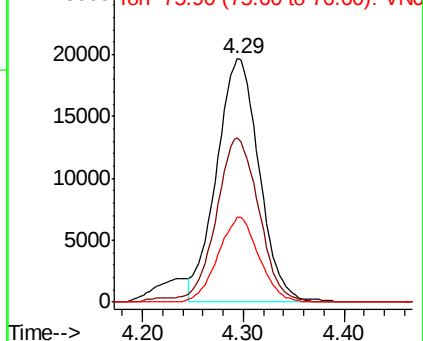
41 100

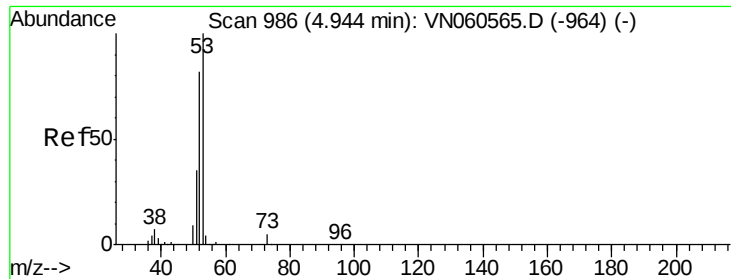
39 68.0 57.8 86.8

76 33.3 28.6 43.0



Abundance Ion 41.00 (40.70 to 41.70): VN060929.D (-691) (-)





#15

Acrylonitrile

Concen: 106.883 ug/l

RT: 4.94 min Scan# 985

Delta R.T. -0.00 min

Lab File: VN060929.D

Acq: 14 Apr 2020 13:37

Instrument :

MSVOA_N

ClientSampleId :

VN0414WBSD01

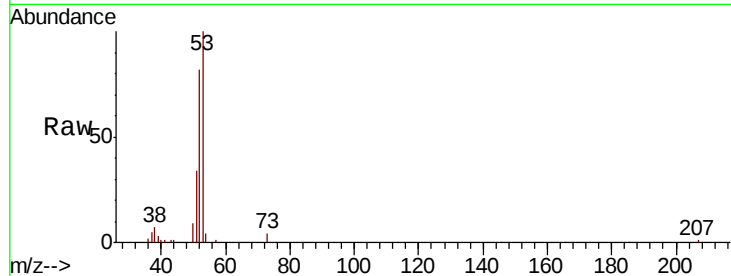
Tot Ion: 53 Resp: 88900

Ion Ratio Lower Upper

53 100

52 81.8 66.2 99.4

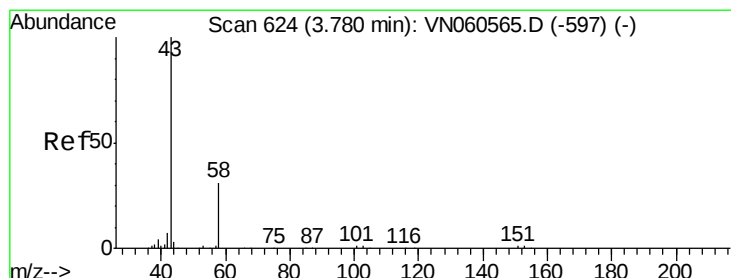
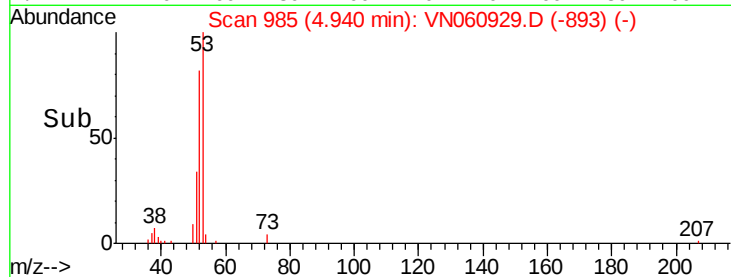
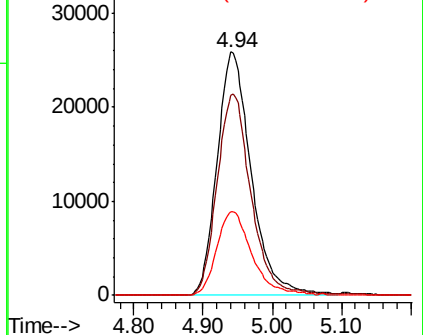
51 35.3 28.7 43.1



Abundance Ion 53.00 (52.70 to 53.70): VN0

Ion 52.00 (51.70 to 52.70): VN0

Ion 51.00 (50.70 to 51.70): VN0



#16

Acetone

Concen: 126.347 ug/l

RT: 3.78 min Scan# 623

Delta R.T. -0.00 min

Lab File: VN060929.D

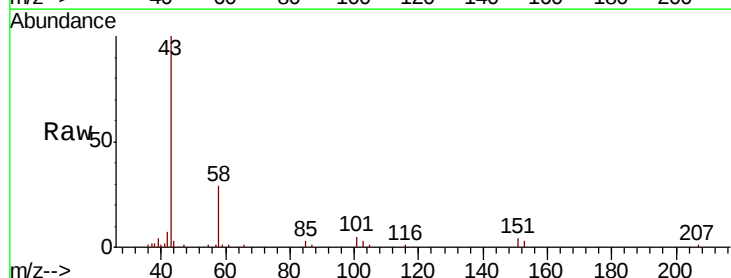
Acq: 14 Apr 2020 13:37

Tgt Ion: 43 Resp: 86075

Ion Ratio Lower Upper

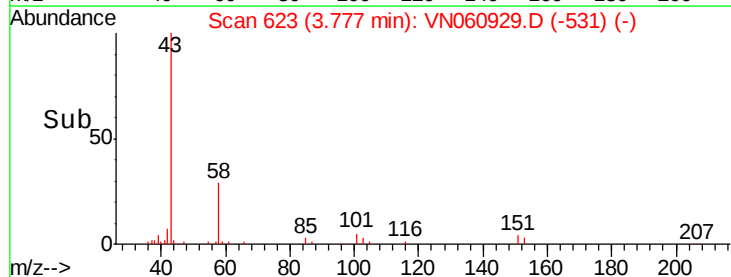
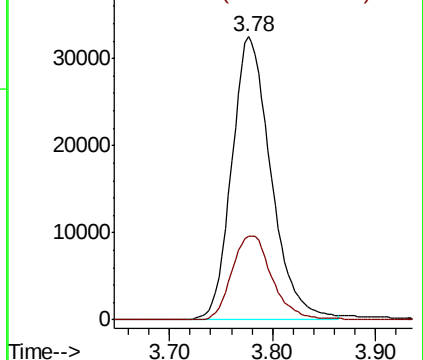
43 100

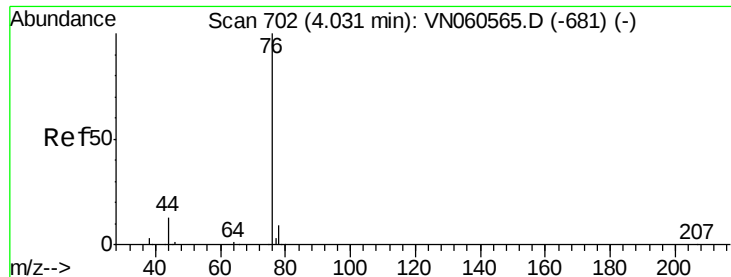
58 29.5 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

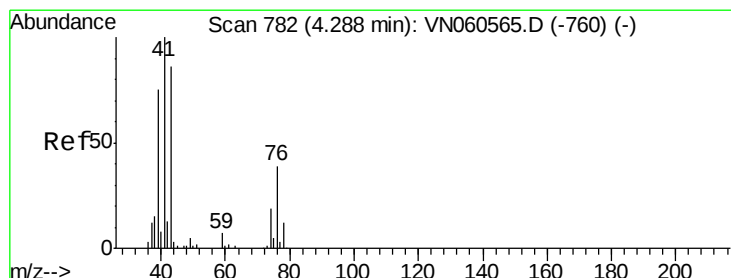
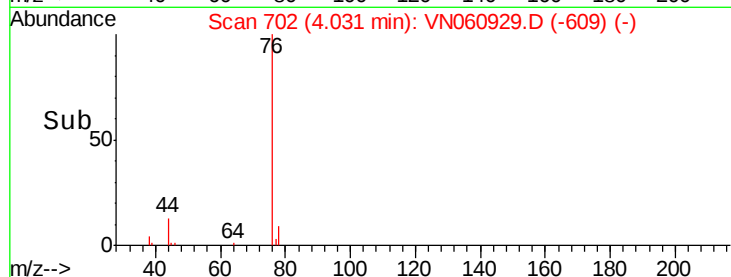
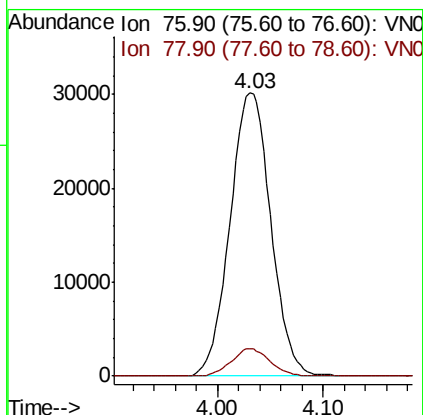
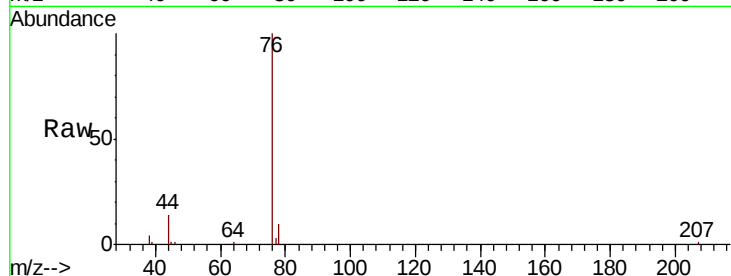




#17
Carbon Disulfide
Concen: 17.544 ug/l
RT: 4.03 min Scan# 702
Delta R.T. -0.00 min
Lab File: VN060929.D
Acq: 14 Apr 2020 13:37

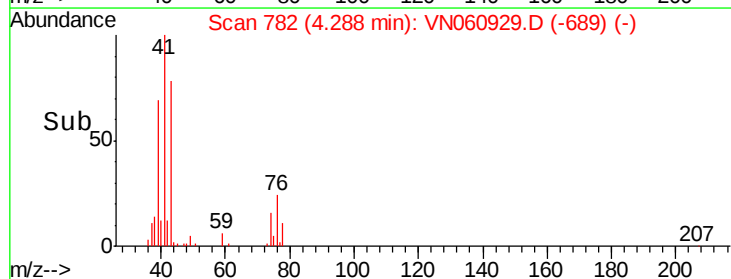
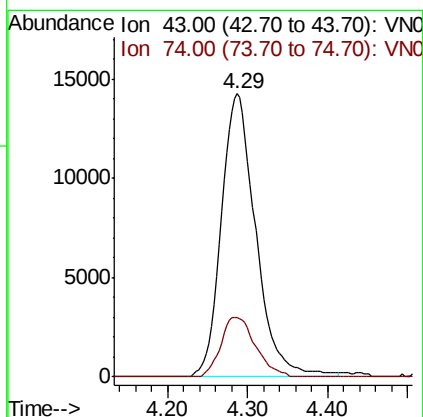
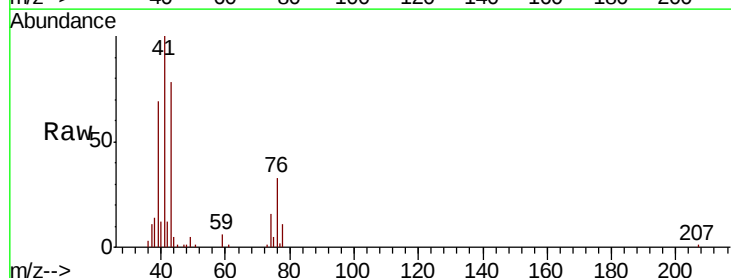
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01

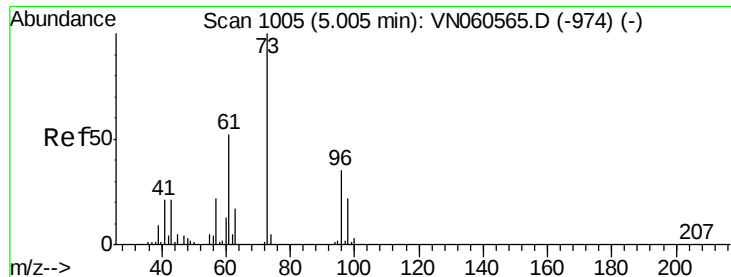
Tot Ion: 76 Resp: 80936
Ion Ratio Lower Upper
76 100
78 9.9 7.2 10.8



#18
Methyl Acetate
Concen: 21.978 ug/l
RT: 4.29 min Scan# 782
Delta R.T. -0.00 min
Lab File: VN060929.D
Acq: 14 Apr 2020 13:37

Tgt Ion: 43 Resp: 42145
Ion Ratio Lower Upper
43 100
74 21.1 17.5 26.3

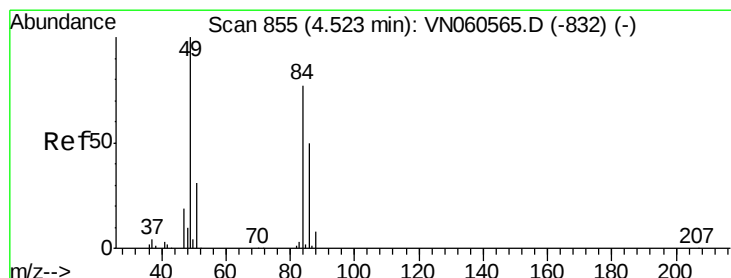
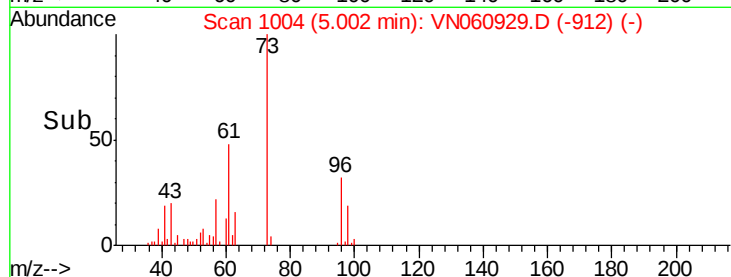
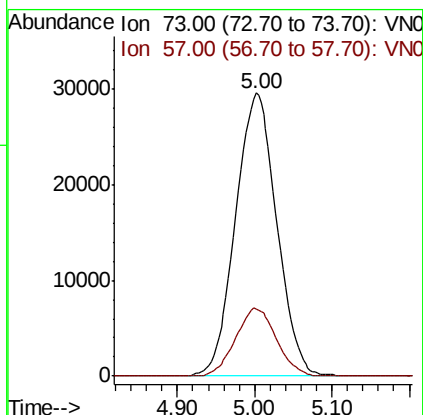
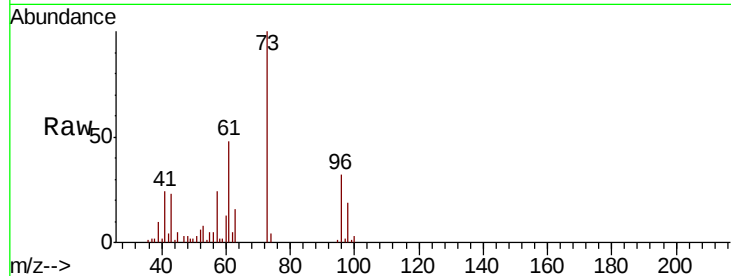




#19
Methyl tert-butyl Ether
Concen: 21.010 ug/l
RT: 5.00 min Scan# 1004
Delta R.T. -0.00 min
Lab File: VN060929.D
Acq: 14 Apr 2020 13:37

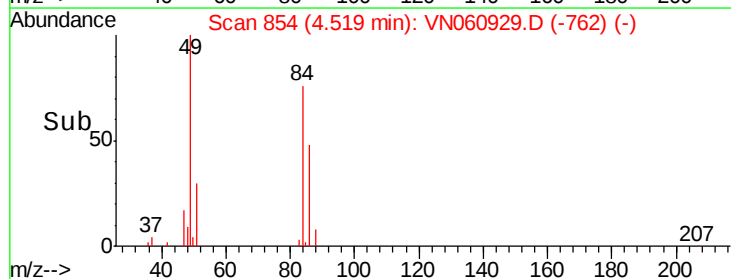
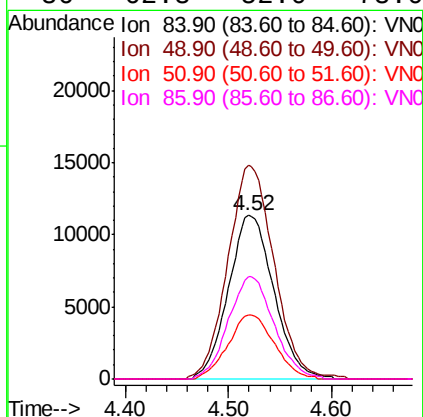
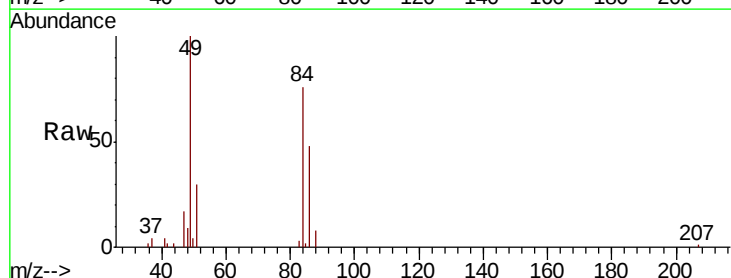
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01

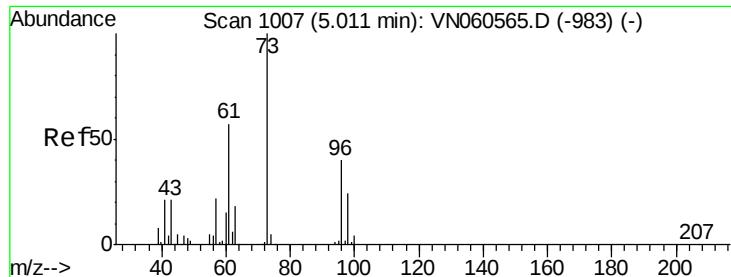
Tot Ion: 73 Resp: 109569
Ion Ratio Lower Upper
73 100
57 23.9 17.5 26.3



#20
Methylene Chloride
Concen: 20.774 ug/l
RT: 4.52 min Scan# 854
Delta R.T. -0.00 min
Lab File: VN060929.D
Acq: 14 Apr 2020 13:37

Tgt Ion: 84 Resp: 34814
Ion Ratio Lower Upper
84 100
49 129.4 103.3 154.9
51 39.1 31.6 47.4
86 62.8 52.0 78.0

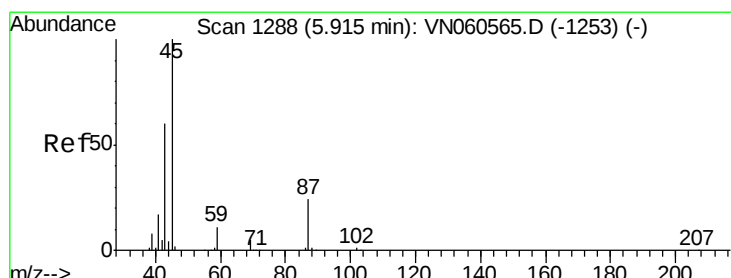
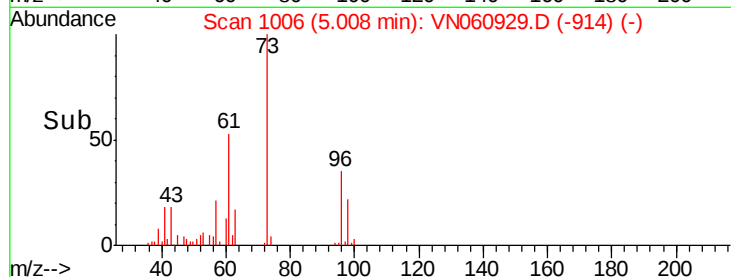
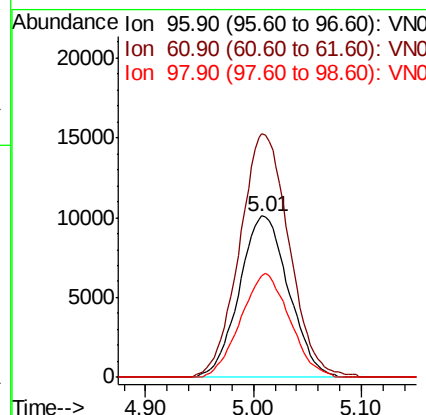
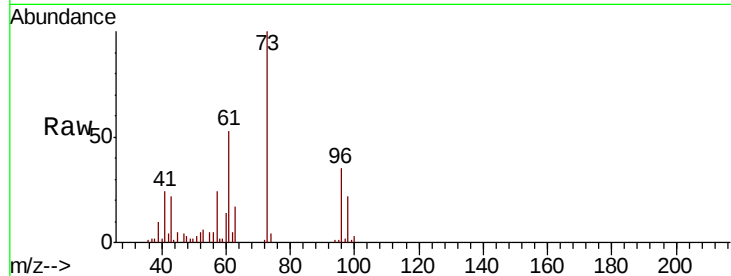




#21
trans-1,2-Dichloroethene
Concen: 19.870 ug/l
RT: 5.01 min Scan# 1006
Delta R.T. -0.00 min
Lab File: VN060929.D
Acq: 14 Apr 2020 13:37

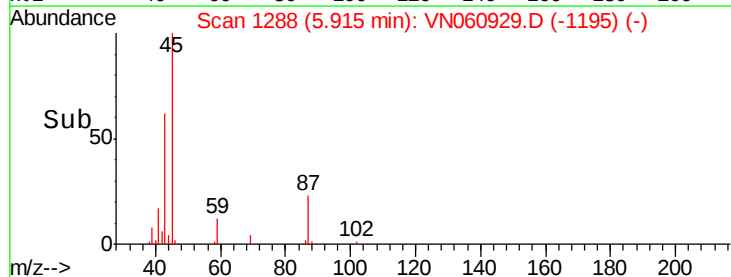
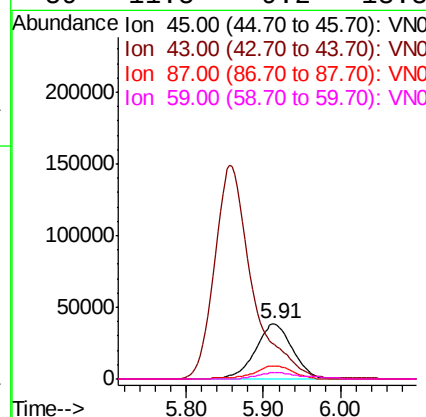
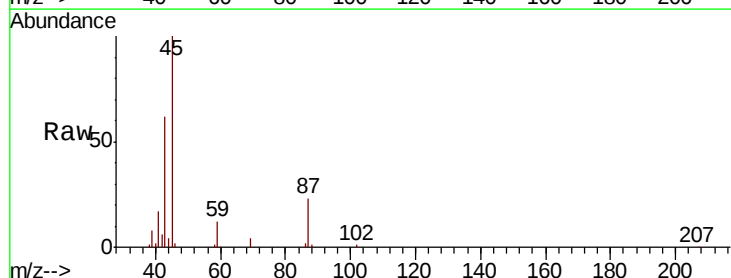
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01

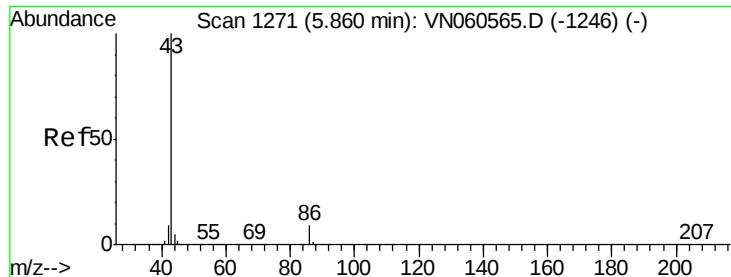
Tot Ion: 96 Resp: 32122
Ion Ratio Lower Upper
96 100
61 151.1 114.4 171.6
98 63.2 48.4 72.6



#22
Diisopropyl ether
Concen: 22.826 ug/l
RT: 5.91 min Scan# 1288
Delta R.T. -0.00 min
Lab File: VN060929.D
Acq: 14 Apr 2020 13:37

Tgt Ion: 45 Resp: 128655
Ion Ratio Lower Upper
45 100
43 60.3 49.8 74.8
87 23.4 20.1 30.1
59 11.5 9.2 13.8

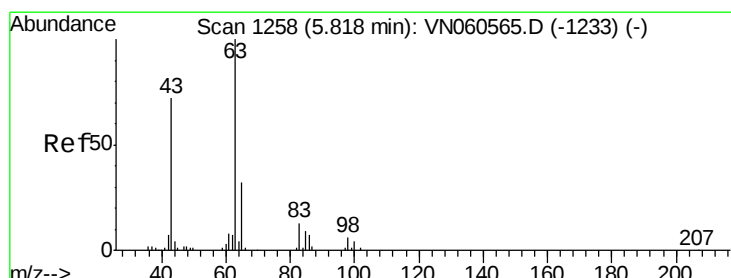
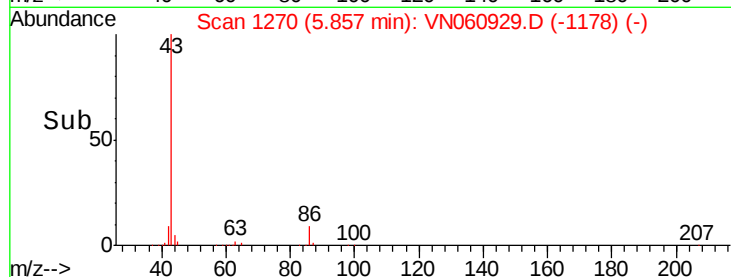
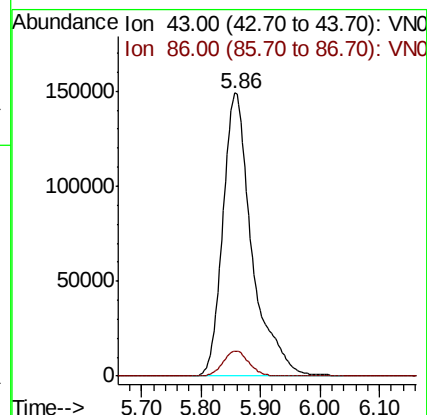
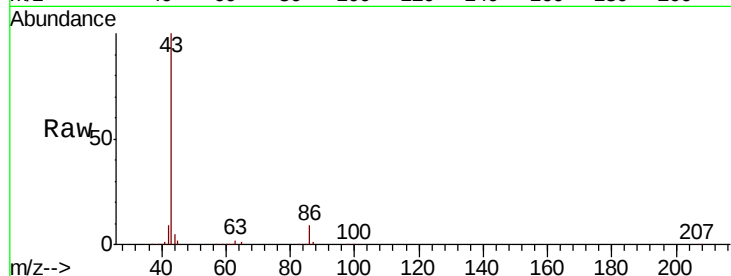




#23
 Vinyl Acetate
 Concen: 110.259 ug/l
 RT: 5.86 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VN060929.D
 Acq: 14 Apr 2020 13:37

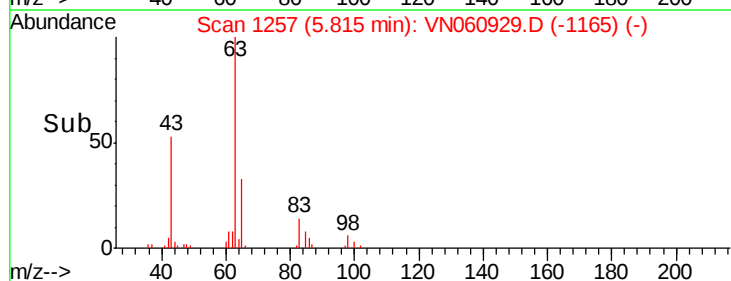
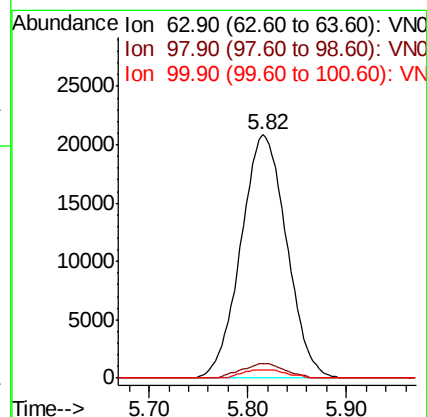
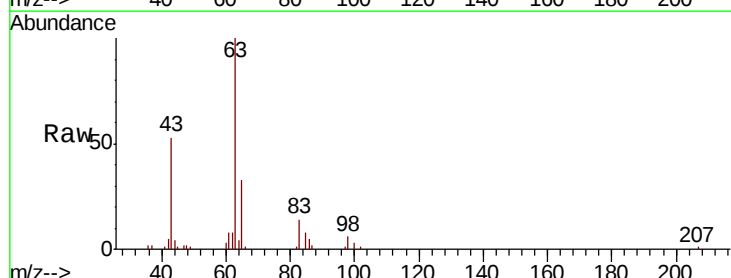
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0414WBSD01

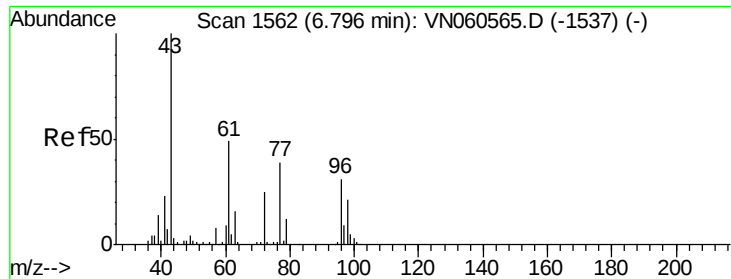
Tot Ion: 43 Resp: 507055
 Ion Ratio Lower Upper
 43 100
 86 9.0 7.6 11.4



#24
 1,1-Dichloroethane
 Concen: 21.802 ug/l
 RT: 5.82 min Scan# 1257
 Delta R.T. -0.00 min
 Lab File: VN060929.D
 Acq: 14 Apr 2020 13:37

Tgt Ion: 63 Resp: 66990
 Ion Ratio Lower Upper
 63 100
 98 6.2 2.9 8.7
 100 3.3 1.8 5.5

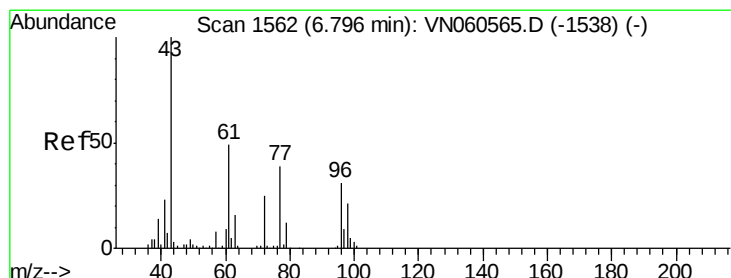
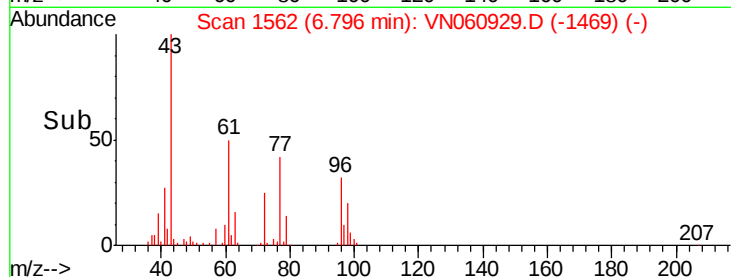
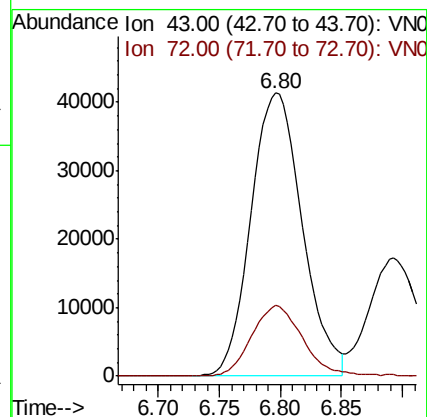
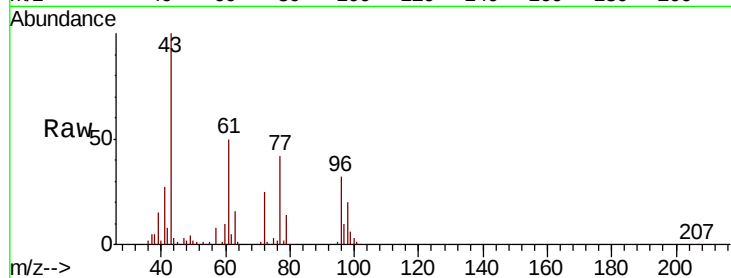




#25
2-Butanone
Concen: 109.754 ug/l
RT: 6.80 min Scan# 1562
Delta R.T. -0.00 min
Lab File: VN060929.D
Acq: 14 Apr 2020 13:37

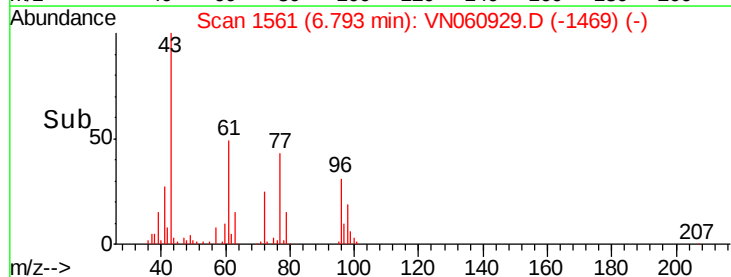
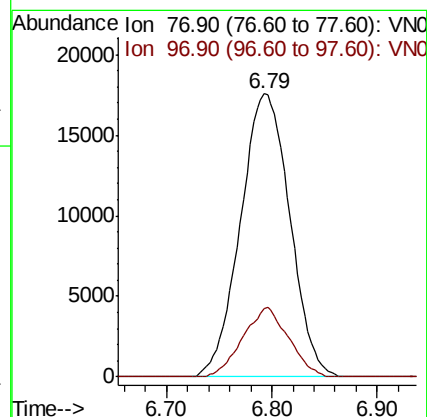
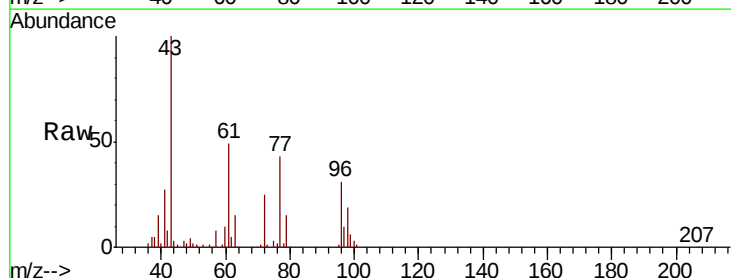
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01

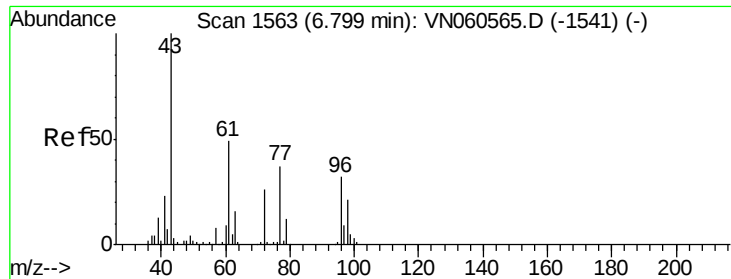
Tot Ion: 43 Resp: 120993
Ion Ratio Lower Upper
43 100
72 24.9 20.4 30.6



#26
2,2-Dichloropropane
Concen: 23.648 ug/l
RT: 6.79 min Scan# 1561
Delta R.T. -0.00 min
Lab File: VN060929.D
Acq: 14 Apr 2020 13:37

Tgt Ion: 77 Resp: 57170
Ion Ratio Lower Upper
77 100
97 22.7 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 20.833 ug/l

RT: 6.80 min Scan# 1563

Delta R.T. -0.00 min

Lab File: VN060929.D

Acq: 14 Apr 2020 13:37

Instrument :

MSVOA_N

ClientSampleId :

VN0414WBSD01

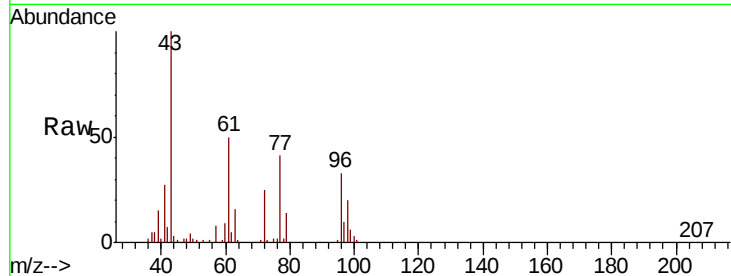
Tot Ion: 96 Resp: 38273

Ion Ratio Lower Upper

96 100

61 157.4 0.0 305.6

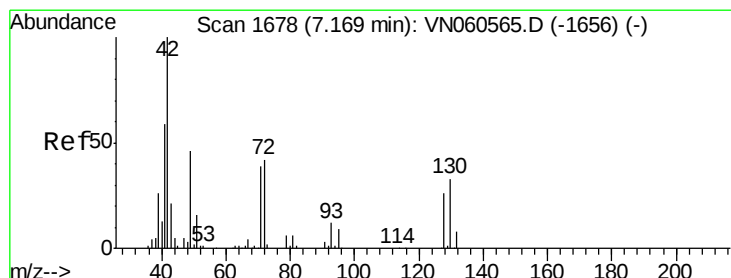
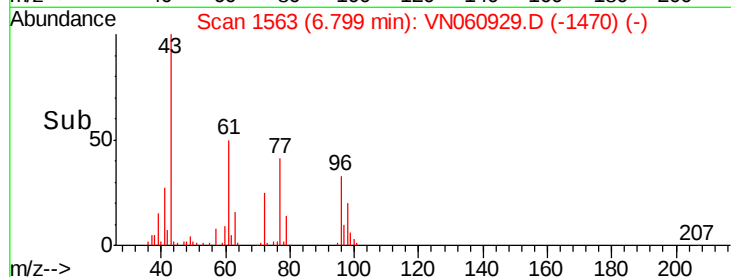
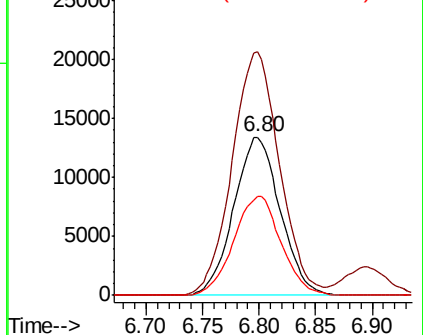
98 63.6 0.0 127.6



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 19.246 ug/l

RT: 7.16 min Scan# 1676

Delta R.T. -0.01 min

Lab File: VN060929.D

Acq: 14 Apr 2020 13:37

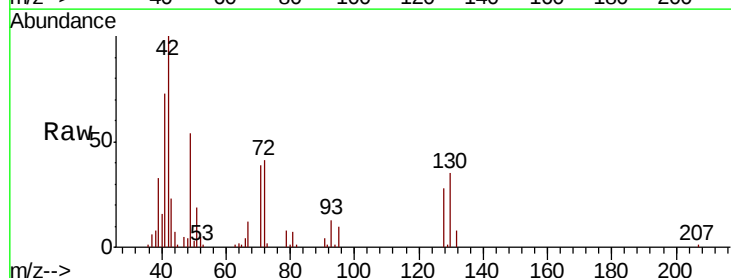
Tgt Ion: 49 Resp: 28293

Ion Ratio Lower Upper

49 100

129 0.6 0.0 3.4

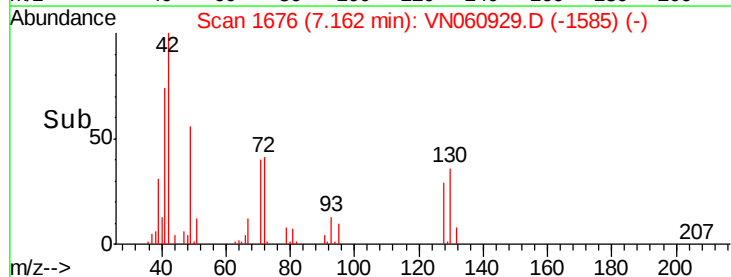
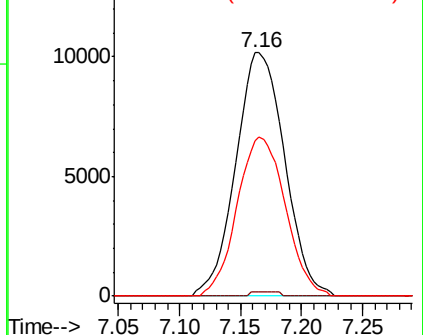
130 64.4 55.0 82.4

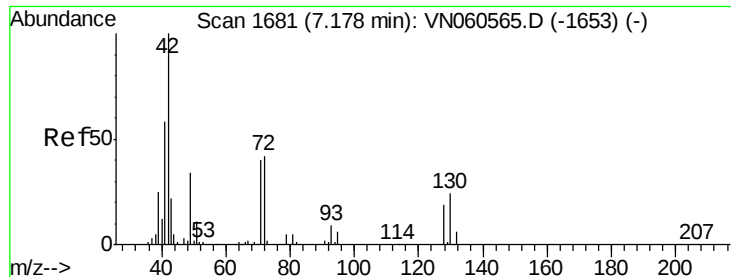


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

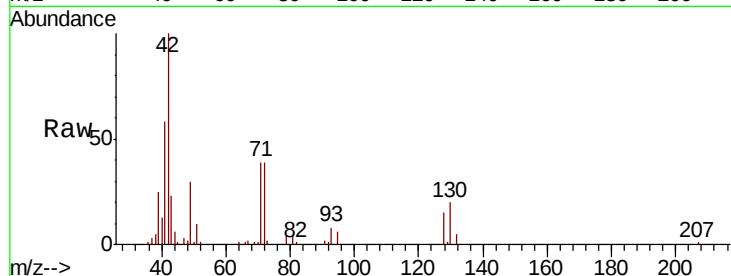




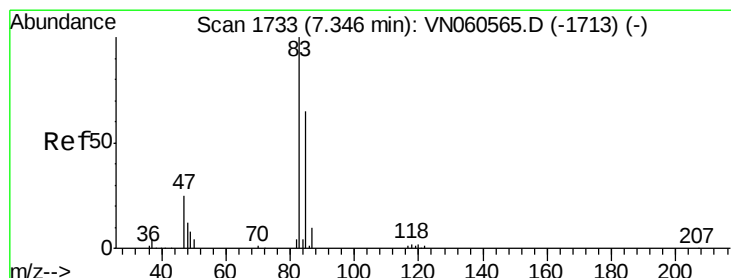
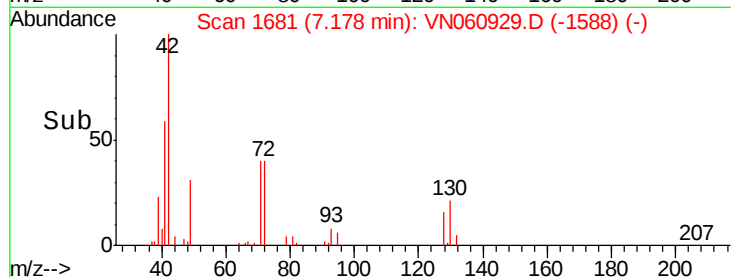
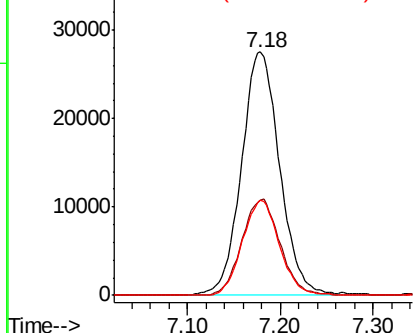
#29
Tetrahydrofuran
Concen: 100.944 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VN060929.D
Acq: 14 Apr 2020 13:37

Instrument :
MSVOA_N
ClientSampled :
VN0414WBSD01

Tot Ion: 42 Resp: 78735
Ion Ratio Lower Upper
42 100
72 39.5 33.2 49.8
71 37.8 31.1 46.7

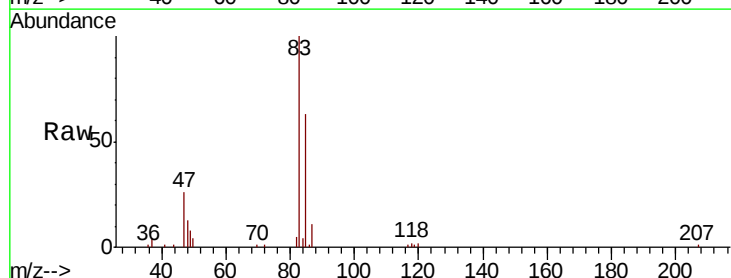


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

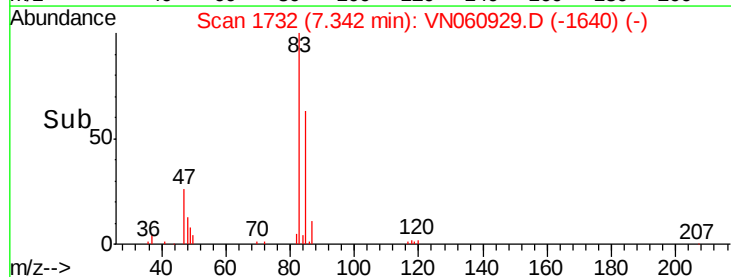
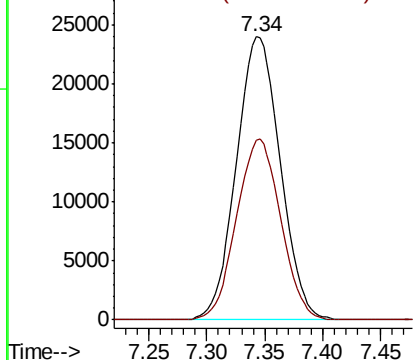


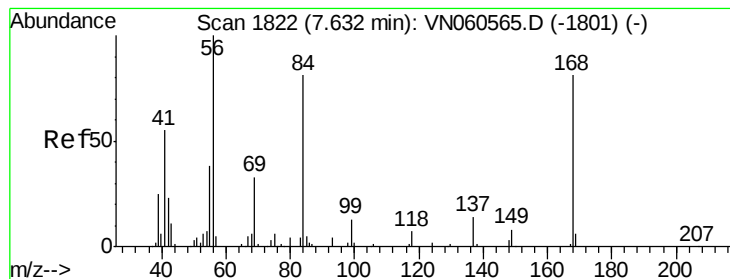
#30
Chloroform
Concen: 21.503 ug/l
RT: 7.34 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VN060929.D
Acq: 14 Apr 2020 13:37

Tgt Ion: 83 Resp: 63339
Ion Ratio Lower Upper
83 100
85 63.3 51.8 77.8



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





#31

Cyclohexane

Concen: 19.619 ug/l

RT: 7.63 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VN060929.D

Acq: 14 Apr 2020 13:37

Instrument :

MSVOA_N

ClientSampleId :

VN0414WBSD01

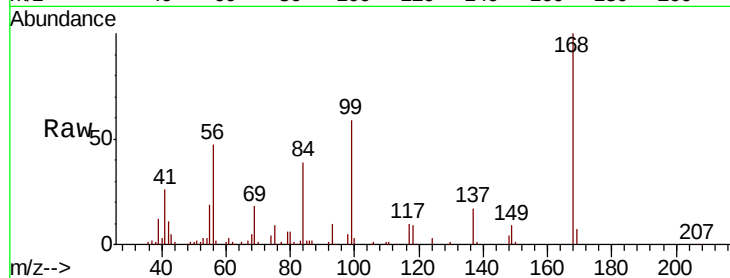
Tot Ion: 56 Resp: 60773

Ion Ratio Lower Upper

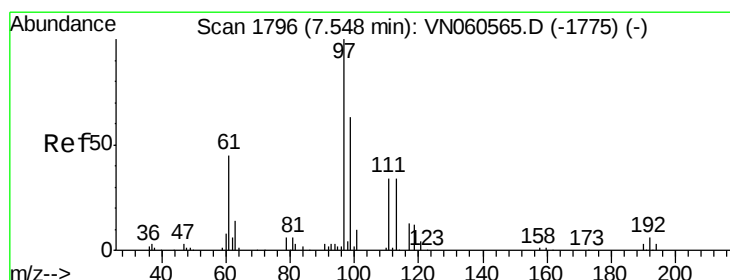
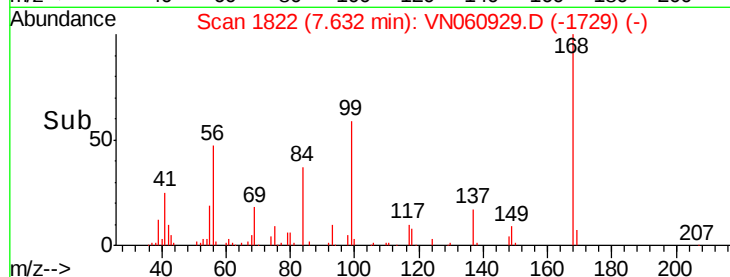
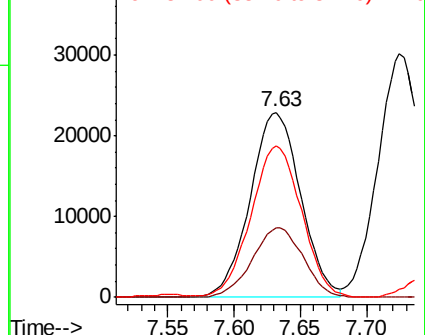
56 100

69 37.6 26.6 40.0

84 81.2 64.3 96.5



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



#32

1,1,1-Trichloroethane

Concen: 20.814 ug/l

RT: 7.54 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VN060929.D

Acq: 14 Apr 2020 13:37

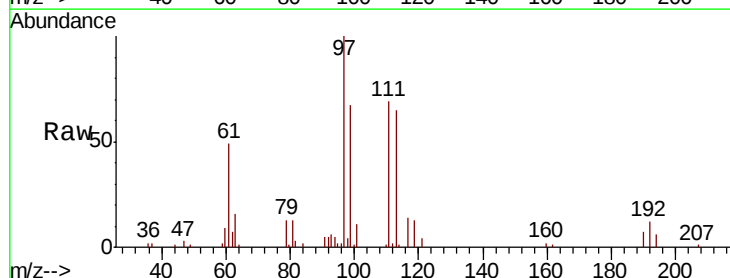
Tgt Ion: 97 Resp: 52854

Ion Ratio Lower Upper

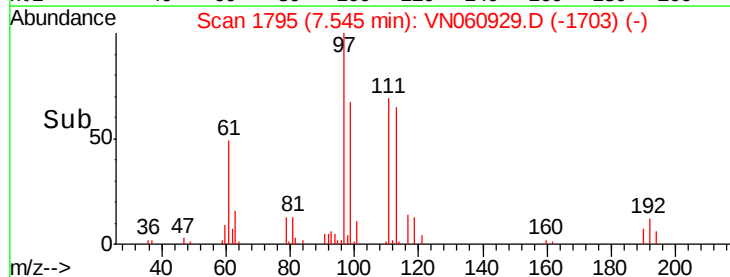
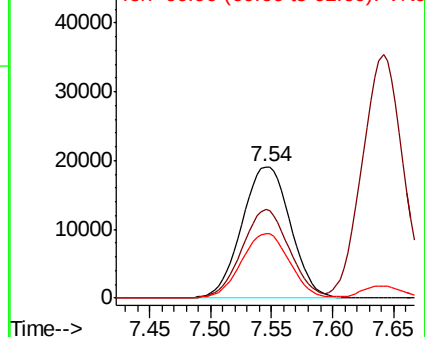
97 100

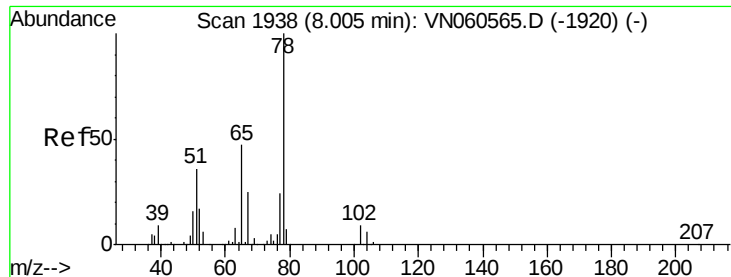
99 65.5 50.6 75.8

61 48.7 36.2 54.4



Abundance Ion 96.90 (96.60 to 97.60): VN0
Ion 98.90 (98.60 to 99.60): VN0
Ion 60.90 (60.60 to 61.60): VN0

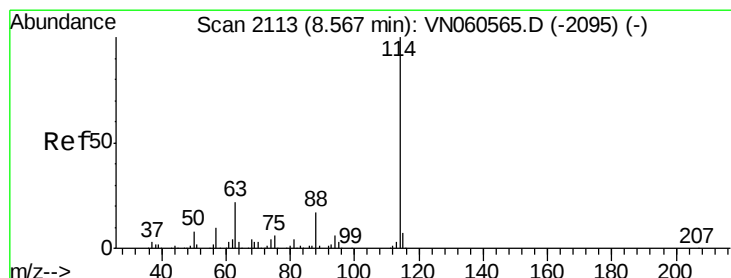
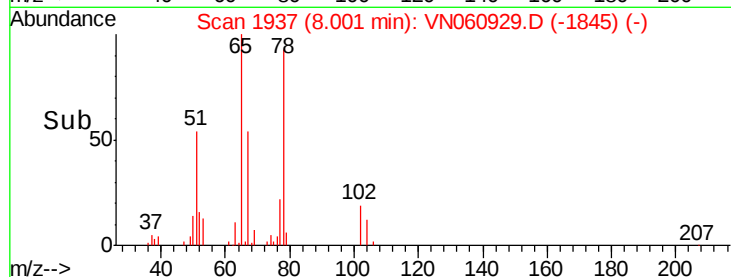
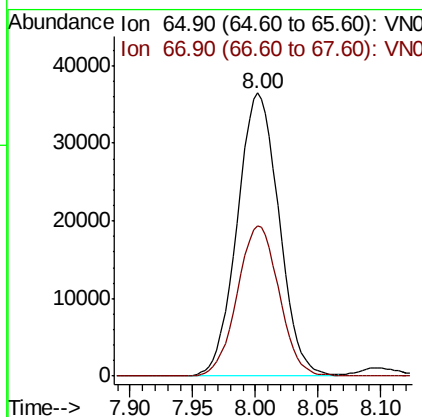
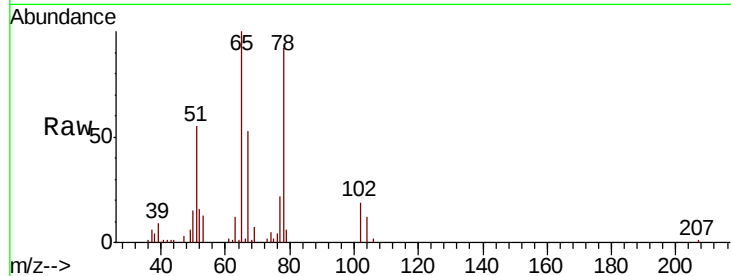




#33
 1,2-Dichloroethane-d4
 Concen: 43.972 ug/l
 RT: 8.00 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VN060929.D
 Acq: 14 Apr 2020 13:37

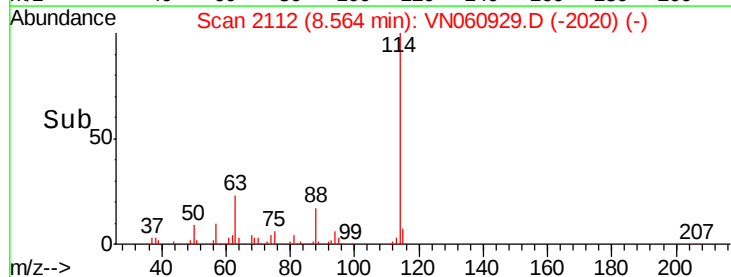
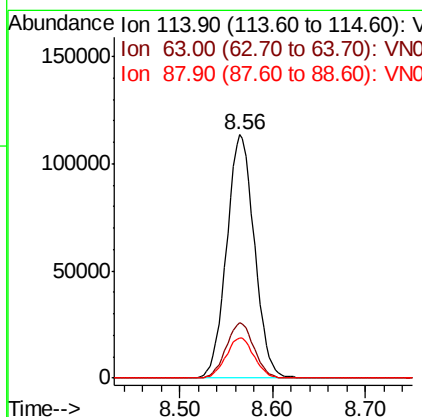
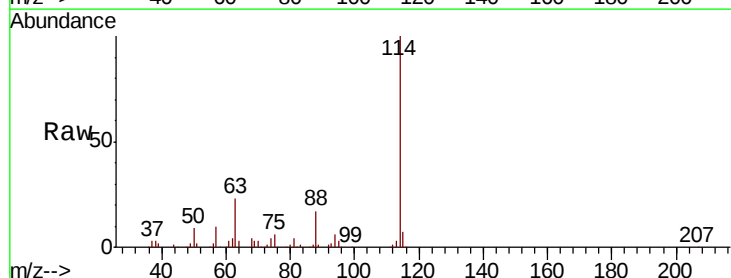
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0414WBSD01

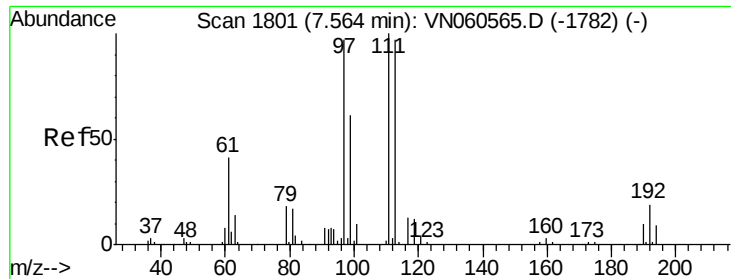
Tot Ion: 65 Resp: 84569
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.56 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: VN060929.D
 Acq: 14 Apr 2020 13:37

Tgt Ion: 114 Resp: 235285
 Ion Ratio Lower Upper
 114 100
 63 22.6 0.0 43.8
 88 16.7 0.0 33.0

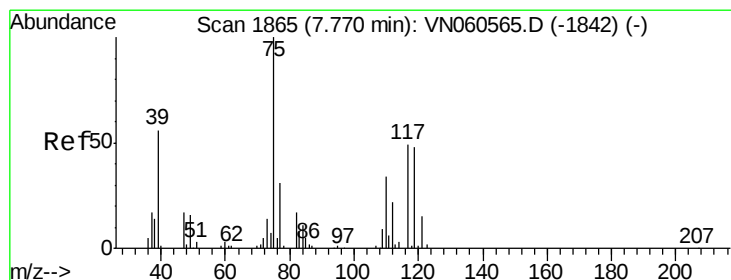
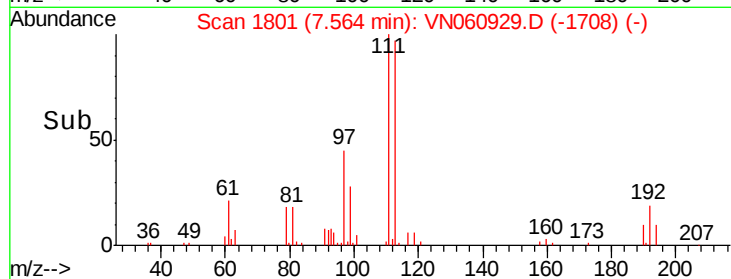
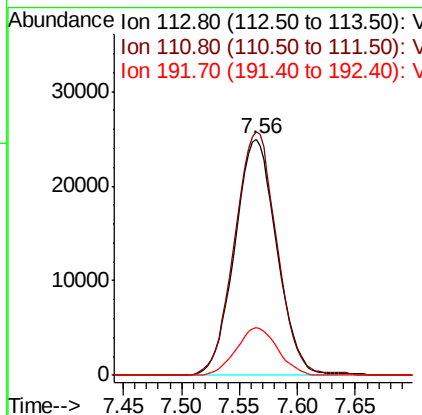
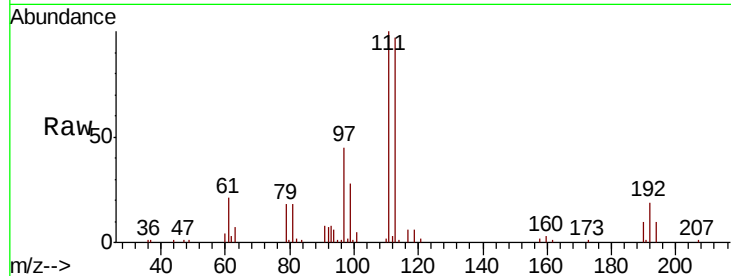




#35
 Dibromofluoromethane
 Concen: 44.180 ug/l
 RT: 7.56 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: VN060929.D
 Acq: 14 Apr 2020 13:37

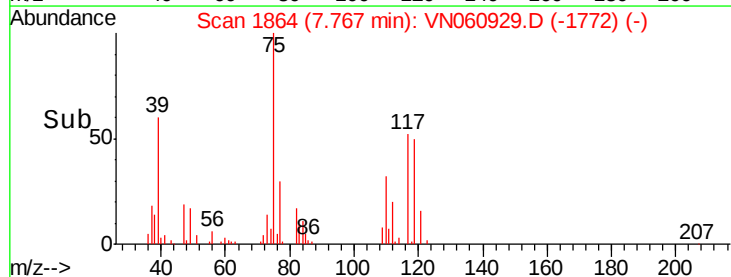
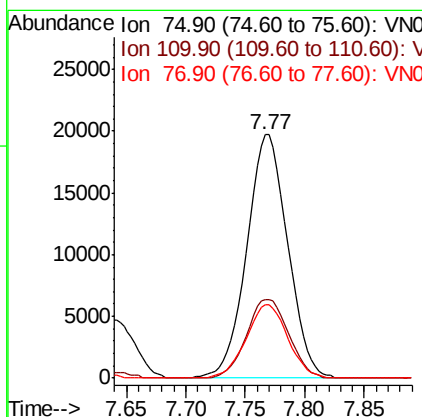
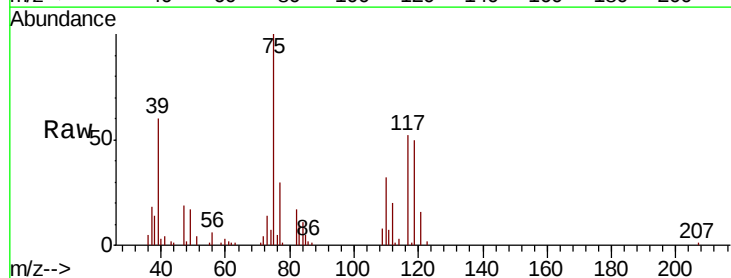
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0414WBSD01

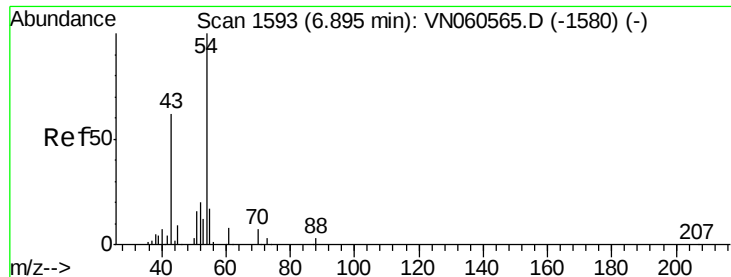
Tot Ion:113 Resp: 62854
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.9 124.3
 192 19.9 15.8 23.8



#36
 1,1-Dichloropropene
 Concen: 20.640 ug/l
 RT: 7.77 min Scan# 1864
 Delta R.T. -0.00 min
 Lab File: VN060929.D
 Acq: 14 Apr 2020 13:37

Tgt Ion: 75 Resp: 47024
 Ion Ratio Lower Upper
 75 100
 110 33.2 16.9 50.6
 77 30.6 24.6 36.8

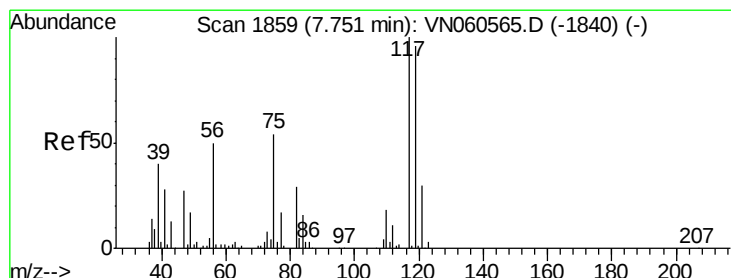
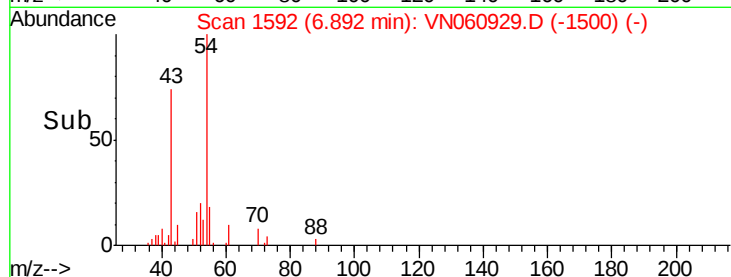
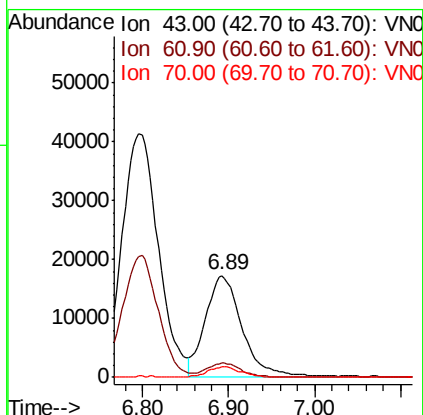
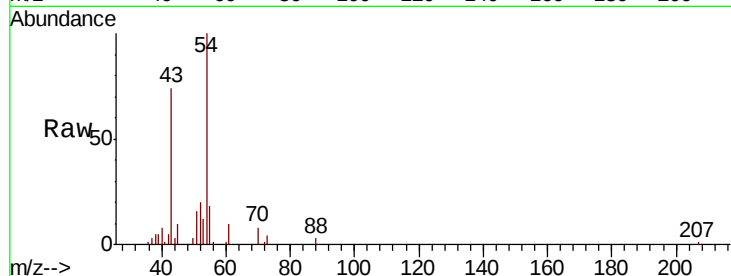




#37
Ethyl Acetate
Concen: 20.698 ug/l
RT: 6.89 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VN060929.D
Acq: 14 Apr 2020 13:37

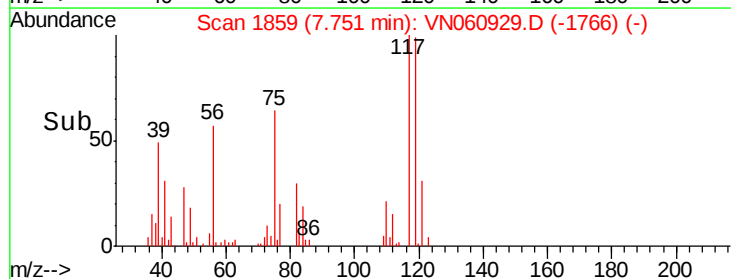
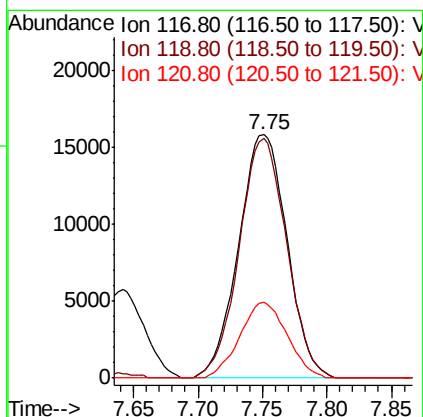
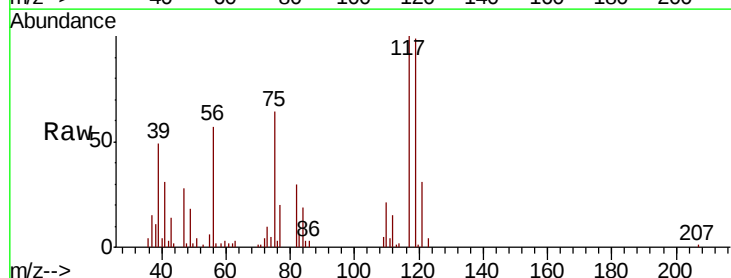
Instrument :
MSVOA_N
ClientSampled :
VN0414WBSD01

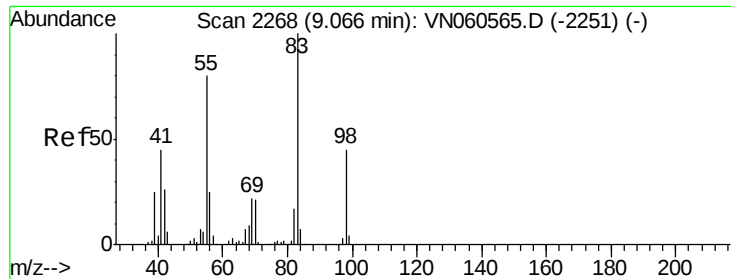
Tot Ion: 43 Resp: 50953
Ion Ratio Lower Upper
43 100
61 13.0 10.6 15.8
70 9.3 7.9 11.9



#38
Carbon Tetrachloride
Concen: 20.273 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN060929.D
Acq: 14 Apr 2020 13:37

Tgt Ion: 117 Resp: 41396
Ion Ratio Lower Upper
117 100
119 98.7 76.2 114.2
121 31.0 23.7 35.5

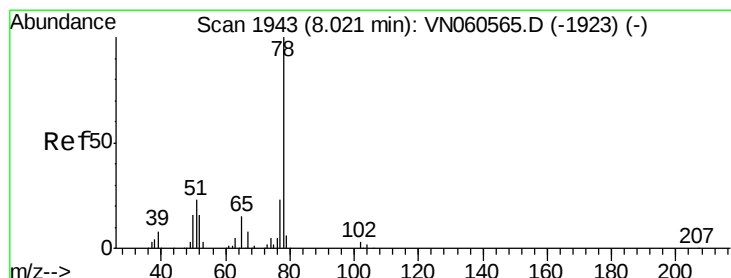
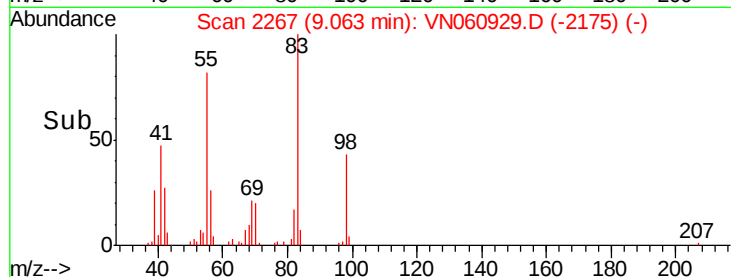
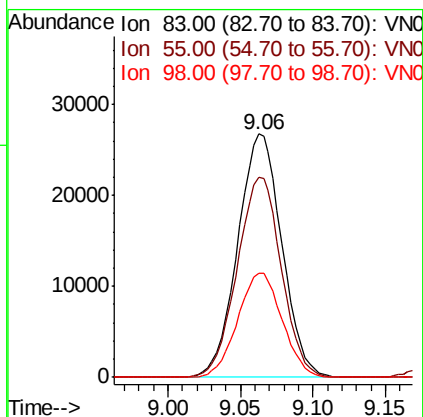
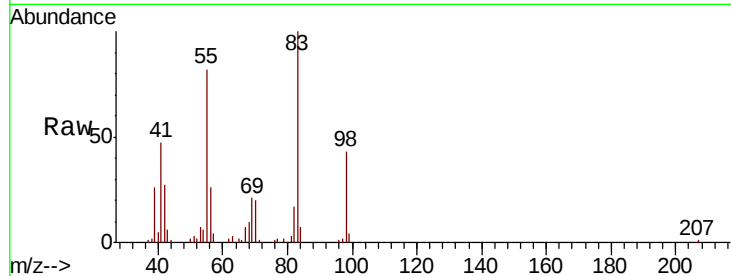




#39
Methvlcvclohexane
Concen: 20.846 ug/l
RT: 9.06 min Scan# 2267
Delta R.T. -0.00 min
Lab File: VN060929.D
Acq: 14 Apr 2020 13:37

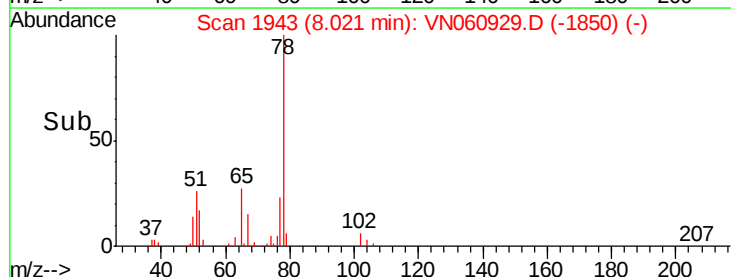
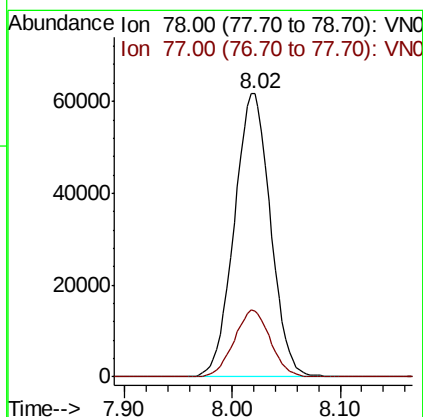
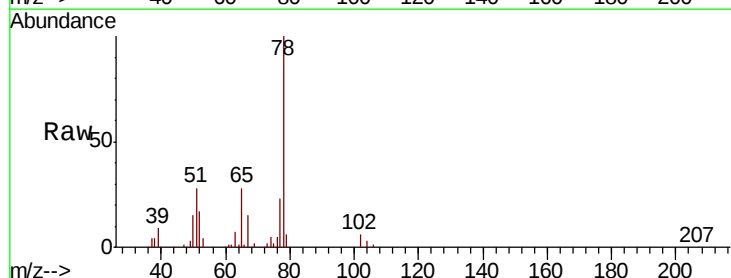
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01

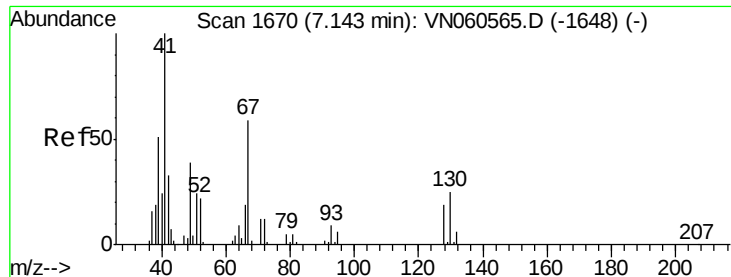
Tot Ion: 83 Resp: 56440
Ion Ratio Lower Upper
83 100
55 82.1 63.6 95.4
98 42.9 36.0 54.0



#40
Benzene
Concen: 20.974 ug/l
RT: 8.02 min Scan# 1943
Delta R.T. -0.00 min
Lab File: VN060929.D
Acq: 14 Apr 2020 13:37

Tgt Ion: 78 Resp: 144249
Ion Ratio Lower Upper
78 100
77 23.4 18.6 28.0





#41

Methacrylonitrile

Concen: 68.162 ug/l

RT: 7.18 min Scan# 1680

Delta R.T. 0.03 min

Lab File: VN060929.D

Acq: 14 Apr 2020 13:37

Instrument :

MSVOA_N

ClientSampleID :

VN0414WBSD01

Tot Ion: 41 Resp: 71611

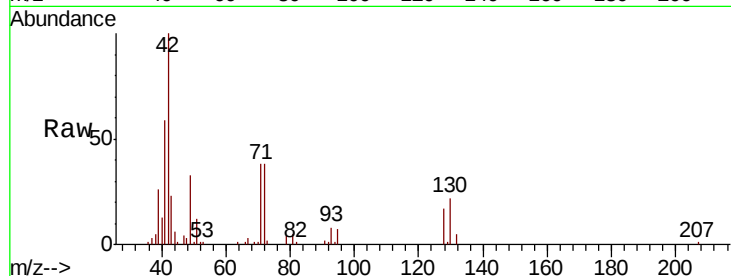
Ion Ratio Lower Upper

41 100

39 0.0 0.0 0.0

67 0.0 0.0 0.0

52 0.0 0.0 0.0

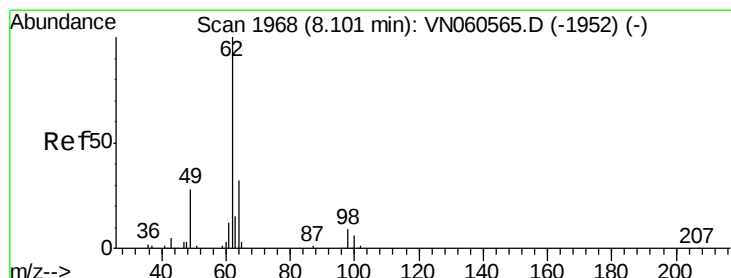
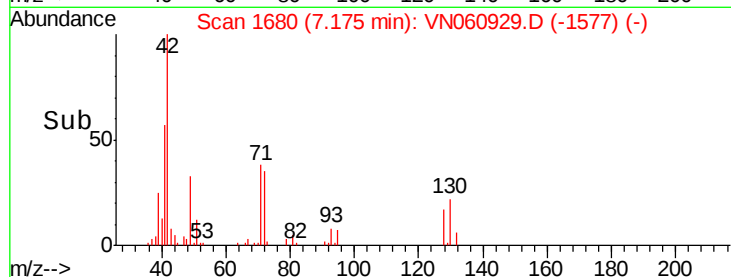
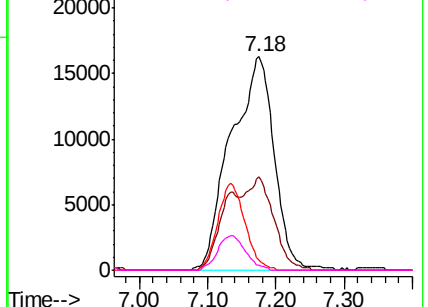


Abundance Ion 41.00 (40.70 to 41.70): VN060565.D (-1648) (-)

Ion 39.00 (38.70 to 39.70): VN060565.D (-1648) (-)

Ion 67.00 (66.70 to 67.70): VN060565.D (-1648) (-)

Ion 52.00 (51.70 to 52.70): VN060565.D (-1648) (-)



#42

1,2-Dichloroethane

Concen: 21.166 ug/l

RT: 8.10 min Scan# 1968

Delta R.T. -0.00 min

Lab File: VN060929.D

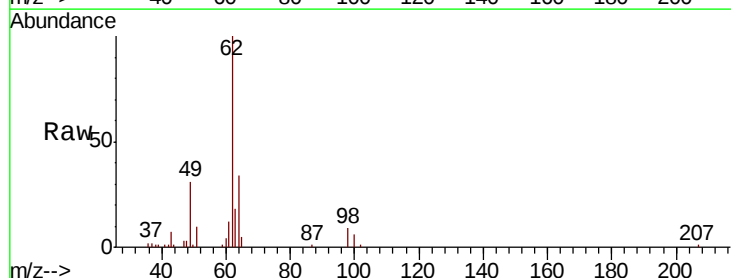
Acq: 14 Apr 2020 13:37

Tgt Ion: 62 Resp: 49750

Ion Ratio Lower Upper

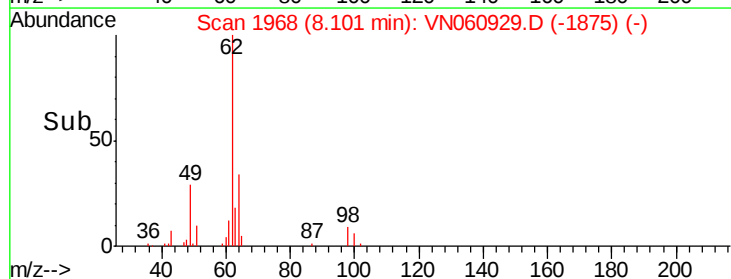
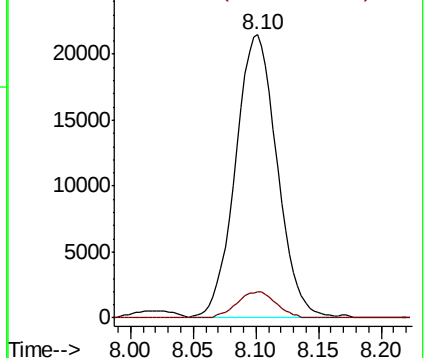
62 100

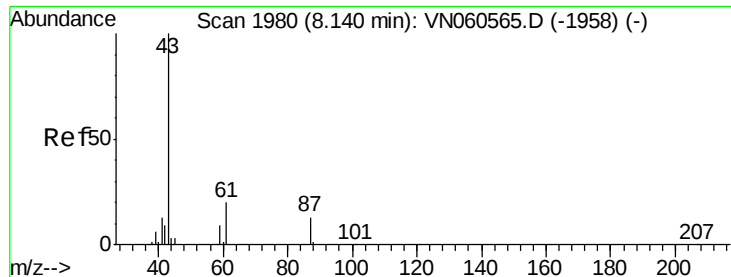
98 8.7 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VN060565.D (-1952) (-)

Ion 97.90 (97.60 to 98.60): VN060565.D (-1952) (-)



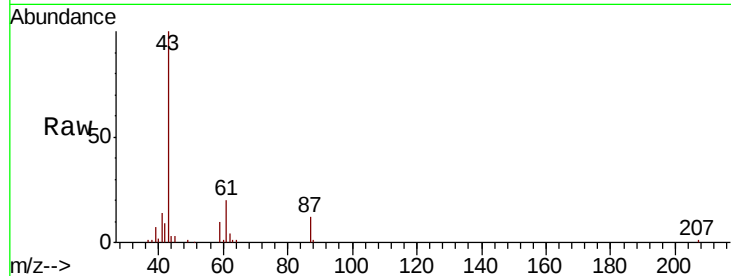


#43

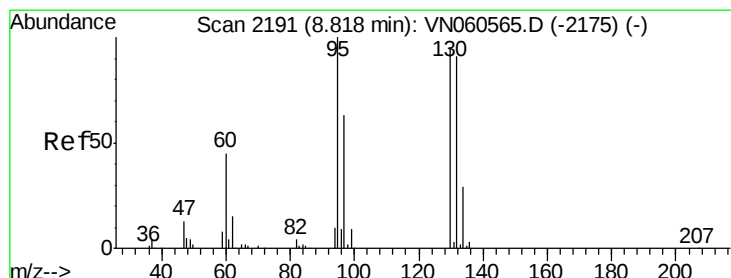
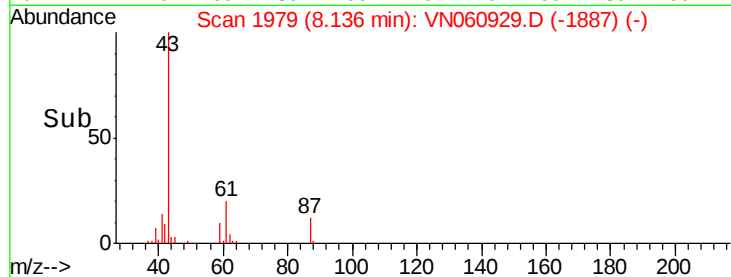
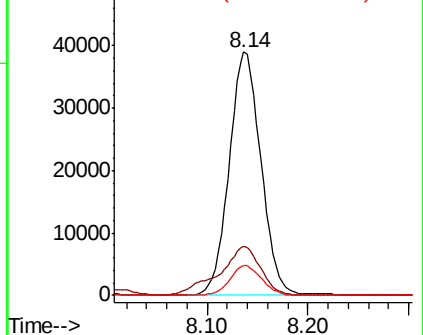
Isopropyl Acetate
 Concen: 21.063 ug/l
 RT: 8.14 min Scan# 1979
 Delta R.T. -0.00 min
 Lab File: VN060929.D
 Acq: 14 Apr 2020 13:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0414WBSD01

Tot Ion	43	Resp	85512
Ion Ratio	Lower	Upper	
43	100		
61	26.1	20.7	31.1
87	12.0	9.8	14.8



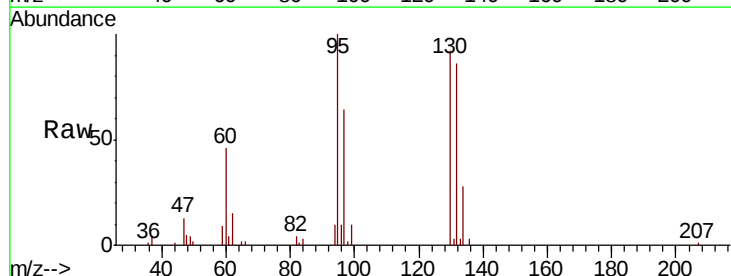
Abundance Ion 43.00 (42.70 to 43.70): VN060565.D (-1958) (-)



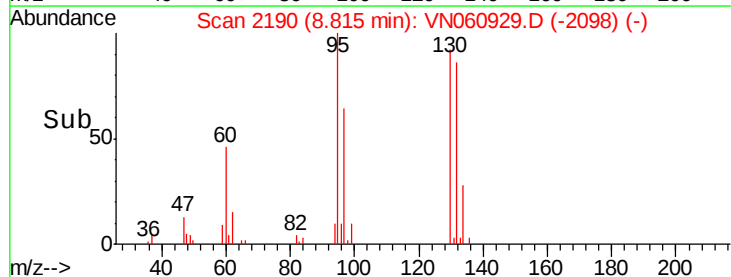
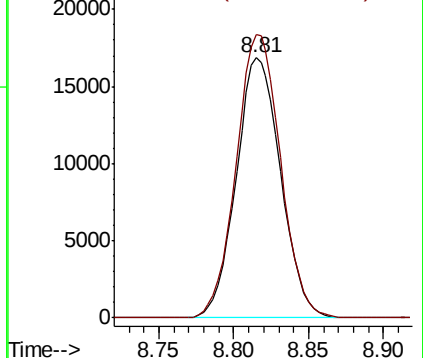
#44

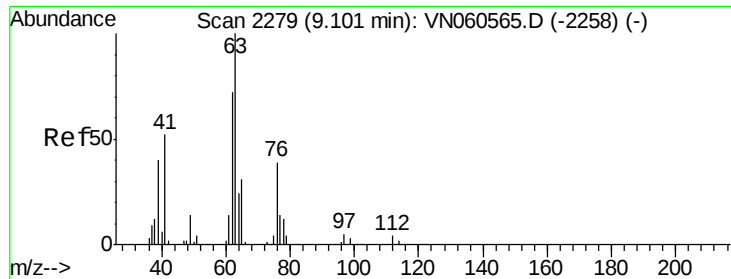
Trichloroethene
 Concen: 20.115 ug/l
 RT: 8.81 min Scan# 2190
 Delta R.T. -0.00 min
 Lab File: VN060929.D
 Acq: 14 Apr 2020 13:37

Tgt Ion	130	Resp	34874
Ion Ratio	Lower	Upper	
130	100		
95	108.8	0.0	211.2



Abundance Ion 129.80 (129.50 to 130.50): VN060565.D (-2175) (-)

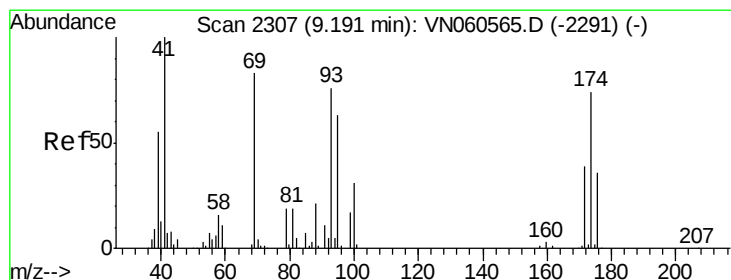
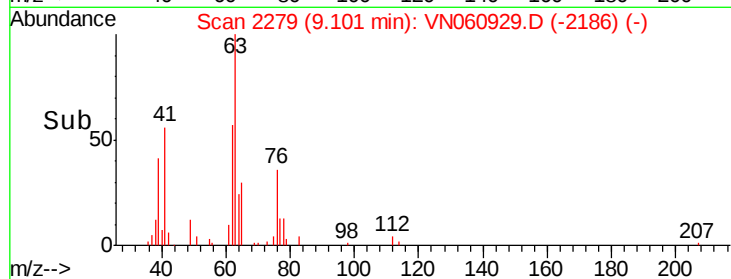
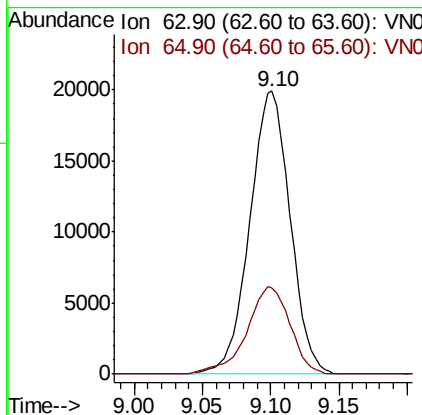
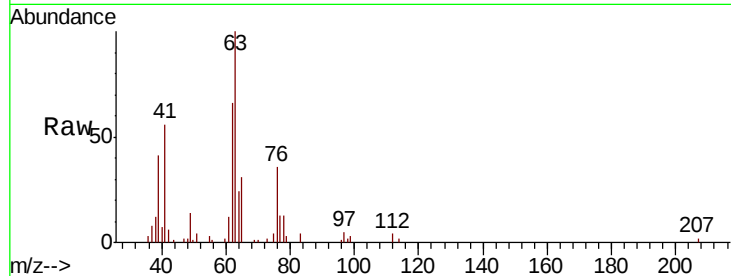




#45
 1,2-Dichloropropane
 Concen: 22.533 ug/l
 RT: 9.10 min Scan# 2279
 Delta R.T. -0.00 min
 Lab File: VN060929.D
 Acq: 14 Apr 2020 13:37

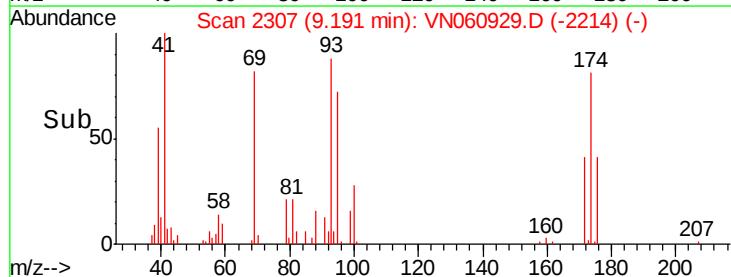
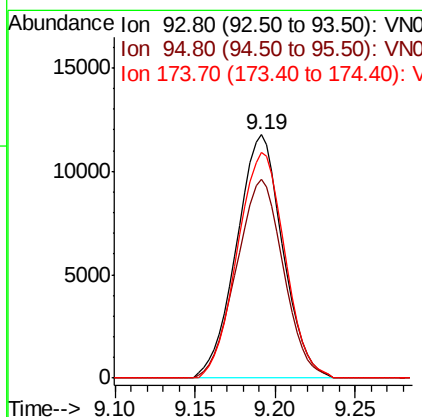
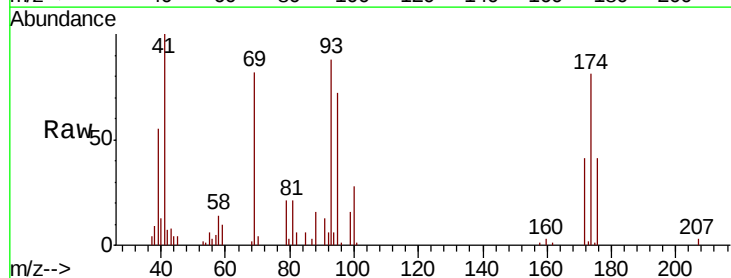
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0414WBSD01

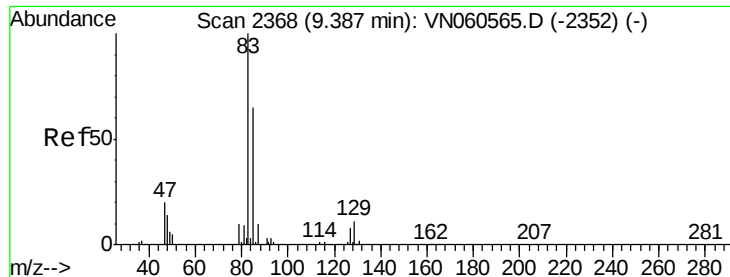
Tot Ion: 63 Resp: 40892
 Ion Ratio Lower Upper
 63 100
 65 30.6 25.4 38.0



#46
 Dibromomethane
 Concen: 21.173 ug/l
 RT: 9.19 min Scan# 2307
 Delta R.T. -0.00 min
 Lab File: VN060929.D
 Acq: 14 Apr 2020 13:37

Tgt Ion: 93 Resp: 23230
 Ion Ratio Lower Upper
 93 100
 95 83.0 66.2 99.4
 174 95.1 77.9 116.9





#47

Bromodichloromethane

Concen: 21.722 ug/l

RT: 9.38 min Scan# 2367

Delta R.T. -0.00 min

Lab File: VN060929.D

Acq: 14 Apr 2020 13:37

Instrument :

MSVOA_N

ClientSampleId :

VN0414WBSD01

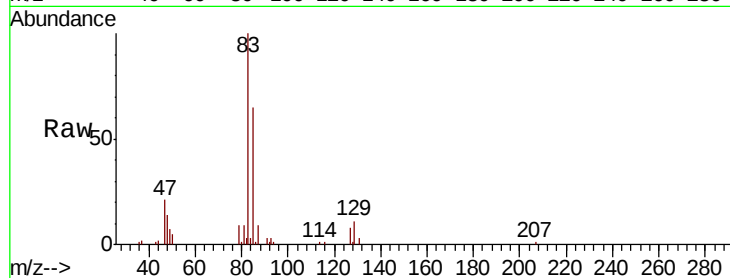
Tot Ion: 83 Resp: 49523

Ion Ratio Lower Upper

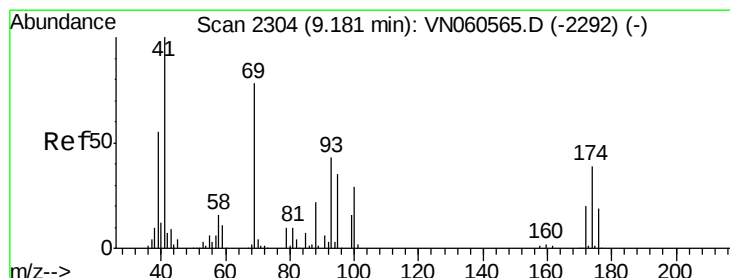
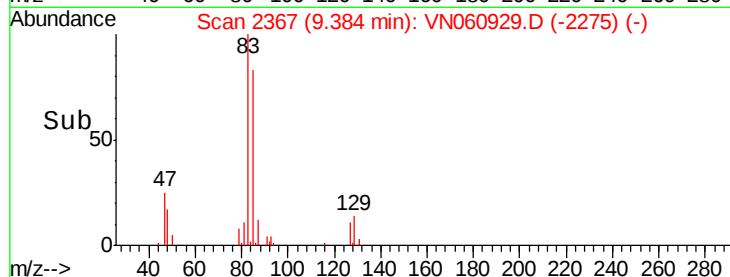
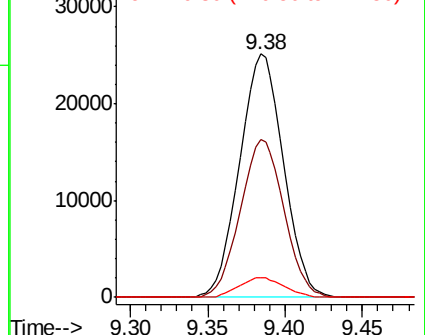
83 100

85 64.7 51.8 77.6

127 8.2 6.5 9.7



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



#48

Methyl methacrylate

Concen: 20.277 ug/l

RT: 9.18 min Scan# 2304

Delta R.T. -0.00 min

Lab File: VN060929.D

Acq: 14 Apr 2020 13:37

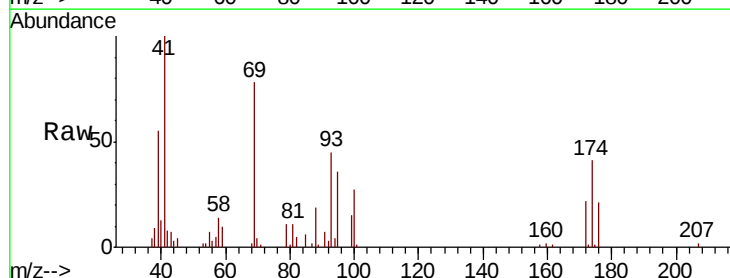
Tgt Ion: 41 Resp: 36653

Ion Ratio Lower Upper

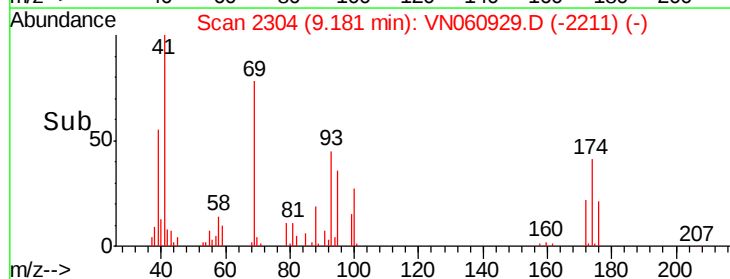
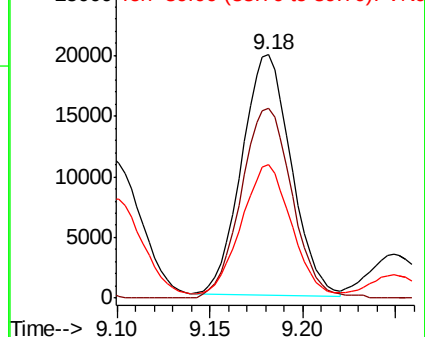
41 100

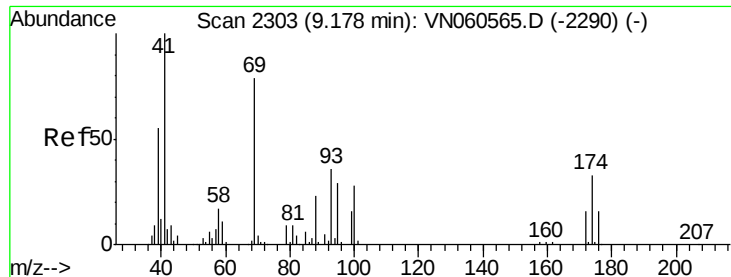
69 81.6 65.4 98.0

39 57.4 44.0 66.0



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

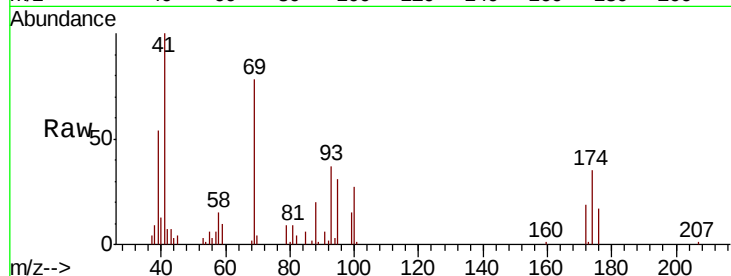




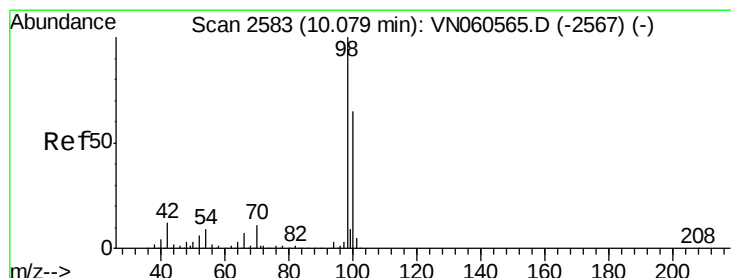
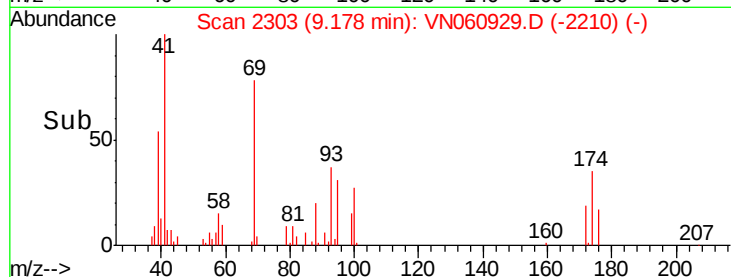
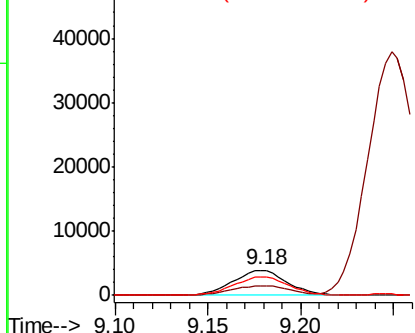
#49
 1,4-Dioxane
 Concen: 358.294 ug/l
 RT: 9.18 min Scan# 2303
 Delta R.T. -0.00 min
 Lab File: VN060929.D
 Acq: 14 Apr 2020 13:37

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0414WBSD01

Tot Ion: 88 Resp: 7698
 Ion Ratio Lower Upper
 88 100
 43 41.0 30.8 46.2
 58 76.7 59.8 89.8

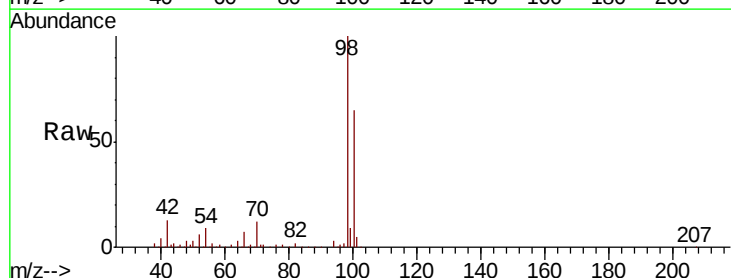


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

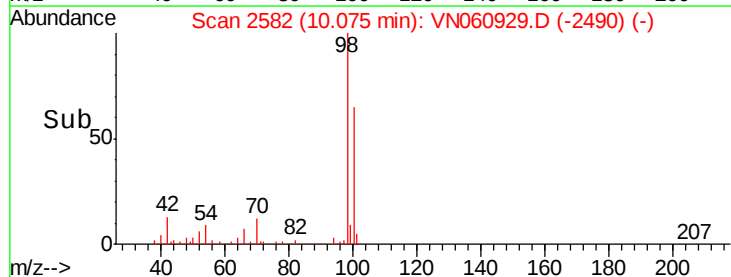
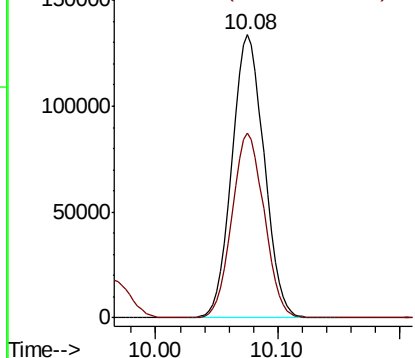


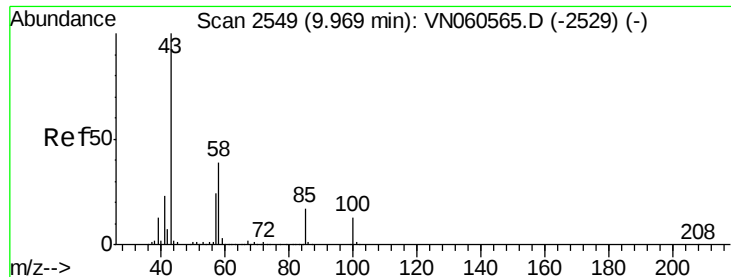
#50
 Toluene-d8
 Concen: 42.183 ug/l
 RT: 10.08 min Scan# 2582
 Delta R.T. -0.00 min
 Lab File: VN060929.D
 Acq: 14 Apr 2020 13:37

Tgt Ion: 98 Resp: 245132
 Ion Ratio Lower Upper
 98 100
 100 65.3 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: 106.290 ug/l

RT: 9.97 min Scan# 2548

Delta R.T. -0.00 min

Lab File: VN060929.D

Acq: 14 Apr 2020 13:37

Instrument :

MSVOA_N

ClientSampleId :

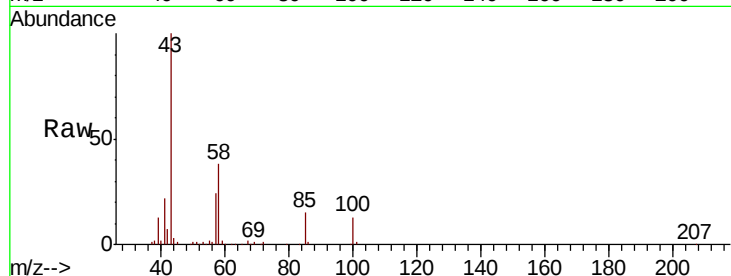
VN0414WBSD01

Tot Ion: 43 Resp: 245557

Ion Ratio Lower Upper

43 100

58 37.7 30.8 46.2



Abundance Ion 43.00 (42.70 to 43.70): VN060929.D (-2456) (-)

Ion 58.00 (57.70 to 58.70): VN060929.D (-2456) (-)

150000

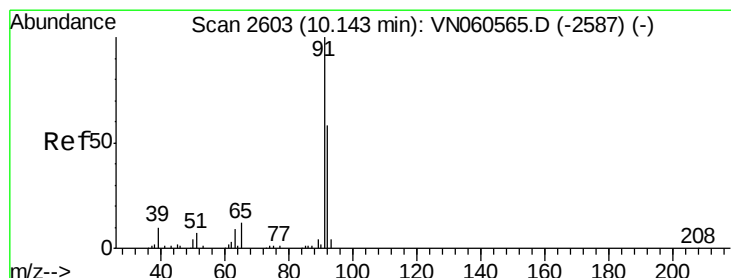
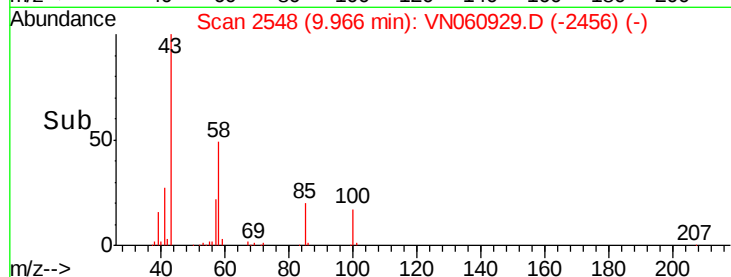
100000

50000

0

9.90 9.95 10.00

Time-->



#52

Toluene

Concen: 20.524 ug/l

RT: 10.14 min Scan# 2602

Delta R.T. -0.00 min

Lab File: VN060929.D

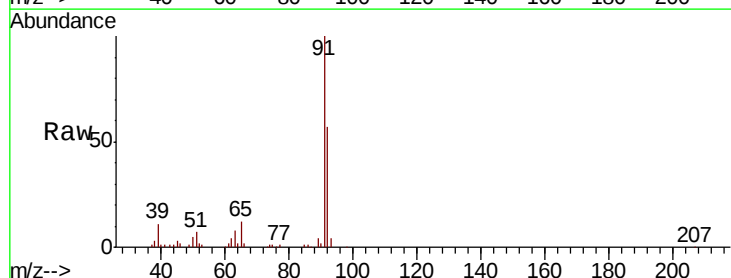
Acq: 14 Apr 2020 13:37

Tgt Ion: 92 Resp: 85247

Ion Ratio Lower Upper

92 100

91 173.5 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VN060929.D (-2510) (-)

Ion 91.00 (90.70 to 91.70): VN060929.D (-2510) (-)

80000

60000

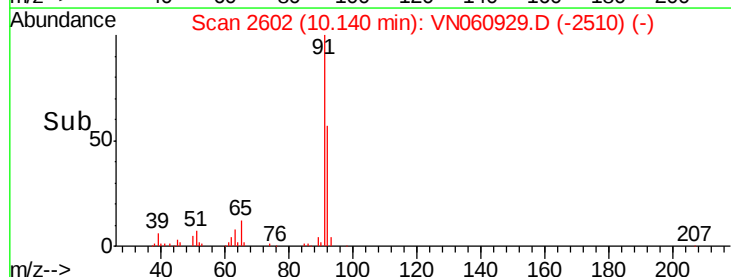
40000

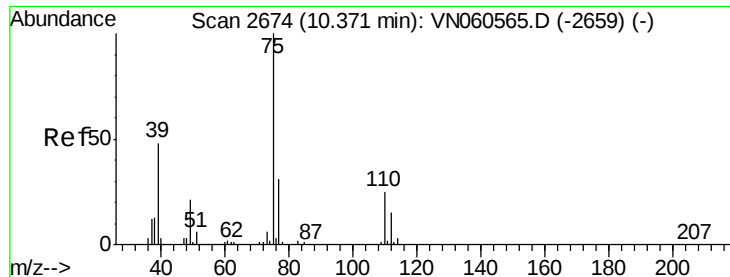
20000

0

10.05 10.10 10.15 10.20

Time-->





#53

t-1,3-Dichloropropene

Concen: 21.696 ug/l

RT: 10.37 min Scan# 2673

Delta R.T. -0.00 min

Lab File: VN060929.D

Acq: 14 Apr 2020 13:37

Instrument :

MSVOA_N

ClientSampled :

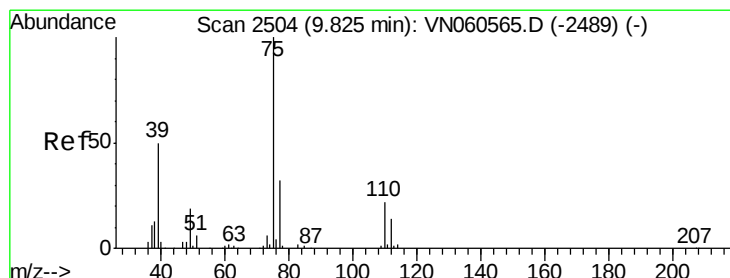
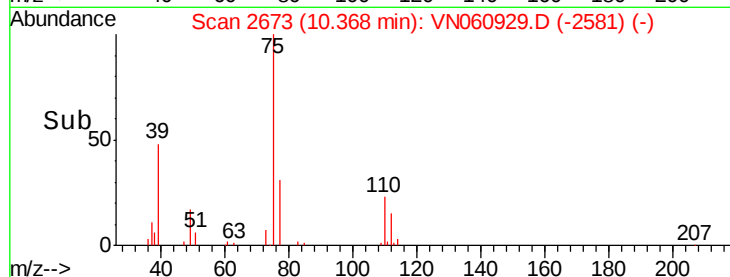
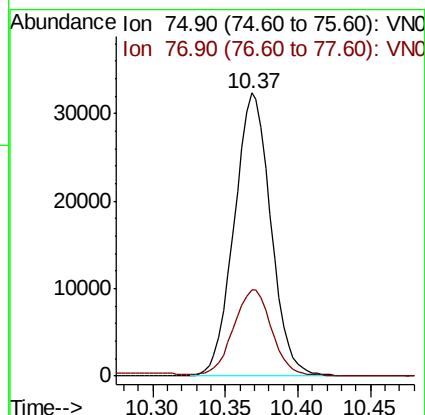
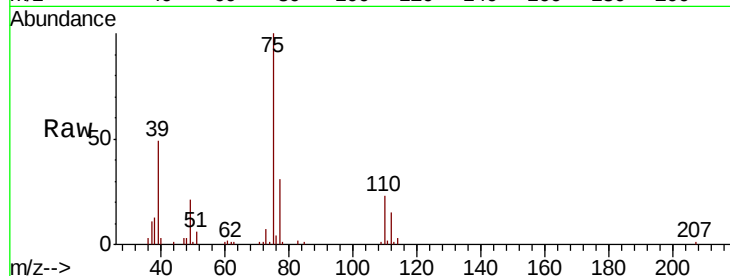
VN0414WBSD01

Tot Ion: 75 Resp: 56819

Ion Ratio Lower Upper

75 100

77 30.6 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 21.550 ug/l

RT: 9.82 min Scan# 2504

Delta R.T. -0.00 min

Lab File: VN060929.D

Acq: 14 Apr 2020 13:37

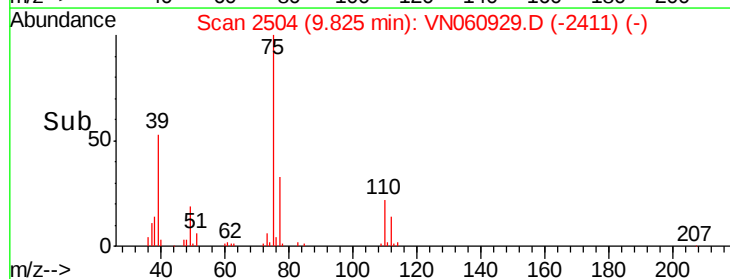
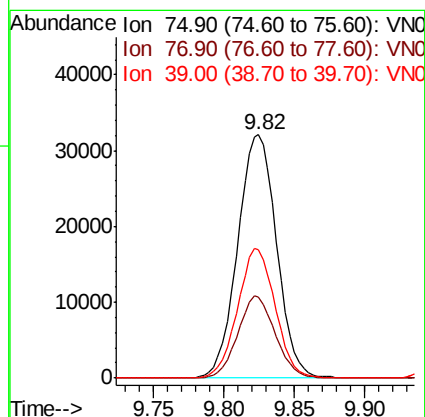
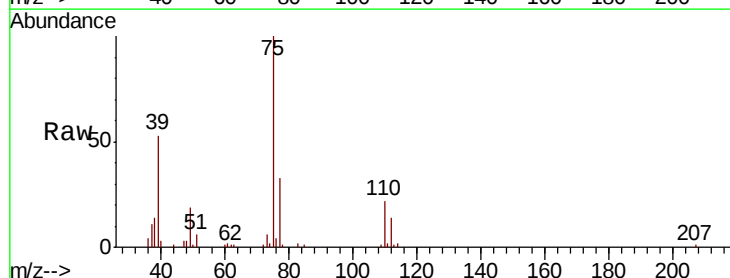
Tgt Ion: 75 Resp: 61912

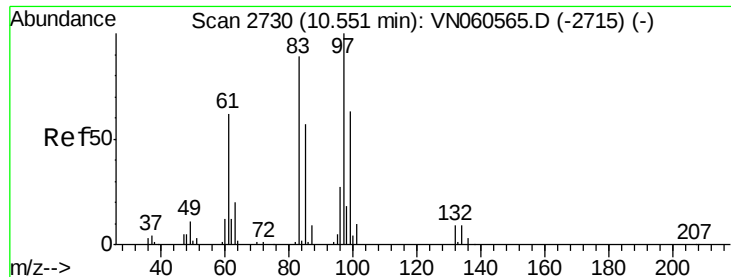
Ion Ratio Lower Upper

75 100

77 33.2 25.4 38.0

39 52.6 40.2 60.4





#55

1,1,2-Trichloroethane

Concen: 21.295 ug/l

RT: 10.55 min Scan# 2729

Delta R.T. -0.00 min

Lab File: VN060929.D

Acq: 14 Apr 2020 13:37

Instrument :

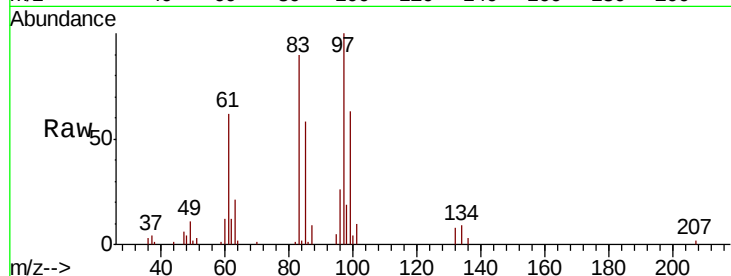
MSVOA_N

ClientSampleId :

VN0414WBSD01

Tot Ion: 97 Resp: 34029

Ion	Ratio	Lower	Upper
97	100		
83	89.8	71.3	106.9
85	57.5	45.2	67.8
99	63.1	50.1	75.1



Abundance

Ion 96.90 (96.60 to 97.60): VN0

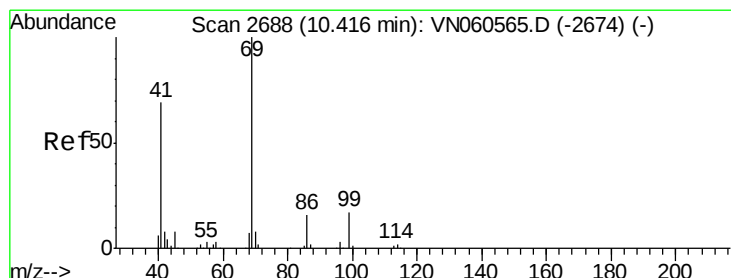
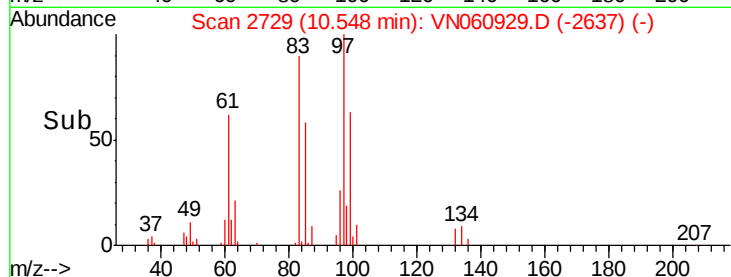
Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

10.55

Time-->



#56

Ethyl methacrylate

Concen: 20.657 ug/l

RT: 10.42 min Scan# 2688

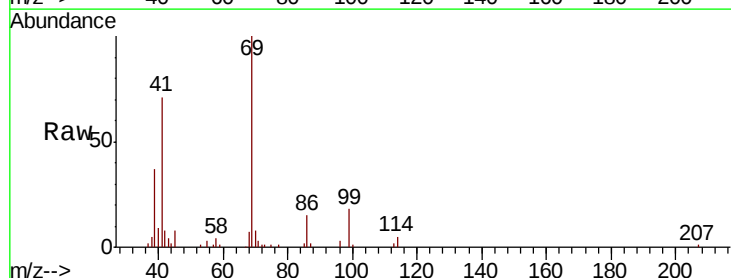
Delta R.T. -0.00 min

Lab File: VN060929.D

Acq: 14 Apr 2020 13:37

Tgt Ion: 69 Resp: 51469

Ion	Ratio	Lower	Upper
69	100		
41	72.1	55.4	83.2
39	37.3	29.4	44.0



Abundance

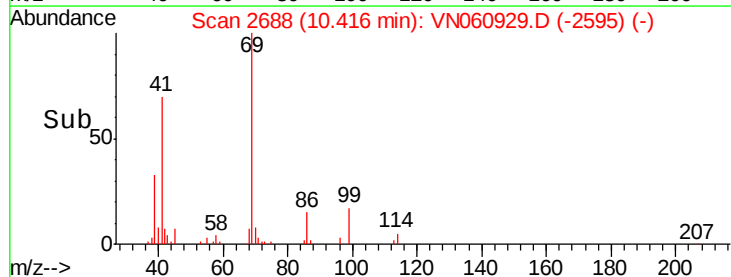
Ion 69.00 (68.70 to 69.70): VN0

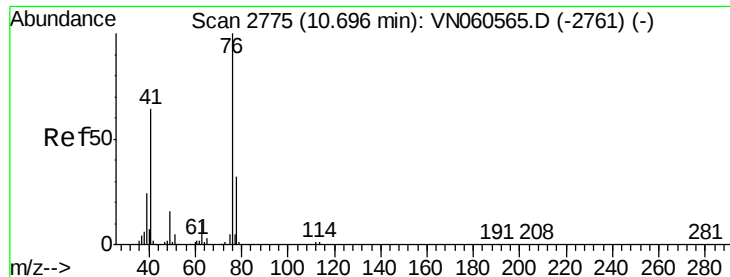
Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

10.42

Time-->





#57

1,3-Dichloropropane

Concen: 21.369 ug/l

RT: 10.70 min Scan# 2775

Delta R.T. -0.00 min

Lab File: VN060929.D

Acq: 14 Apr 2020 13:37

Instrument :

MSVOA_N

ClientSampleId :

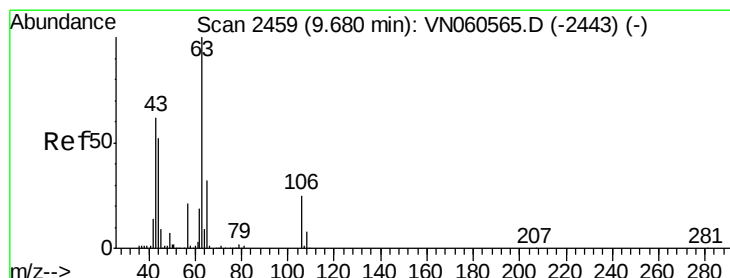
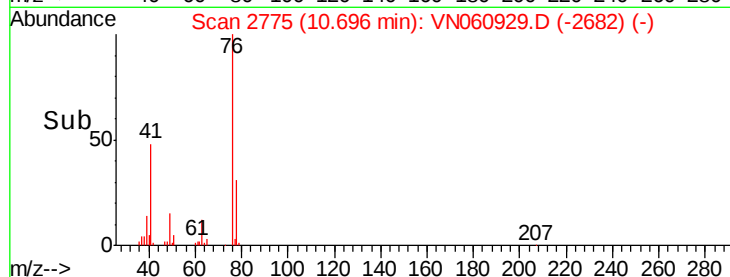
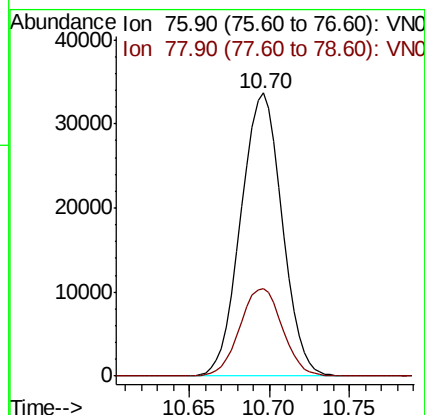
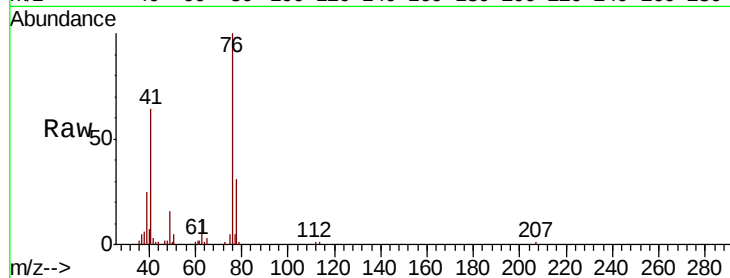
VN0414WBSD01

Tot Ion: 76 Resp: 59256

Ion Ratio Lower Upper

76 100

78 31.9 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 88.837 ug/l

RT: 9.68 min Scan# 2458

Delta R.T. -0.00 min

Lab File: VN060929.D

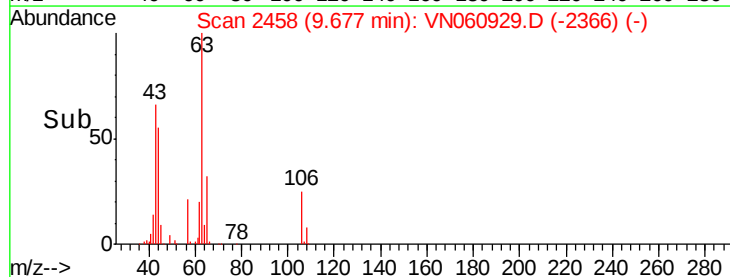
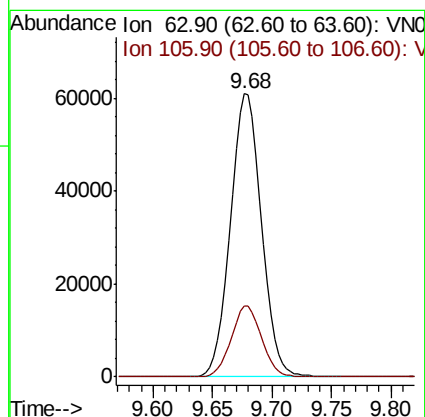
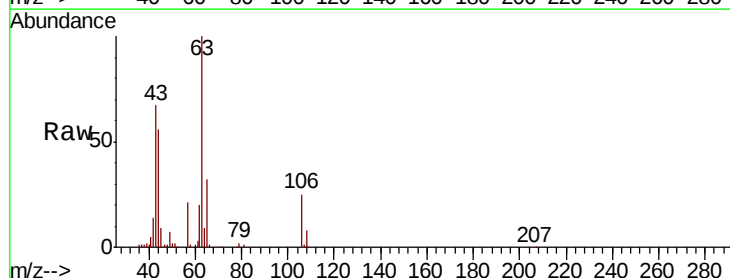
Acq: 14 Apr 2020 13:37

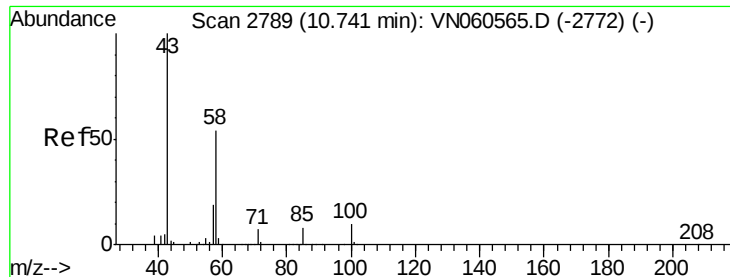
Tgt Ion: 63 Resp: 110010

Ion Ratio Lower Upper

63 100

106 24.5 20.0 30.0

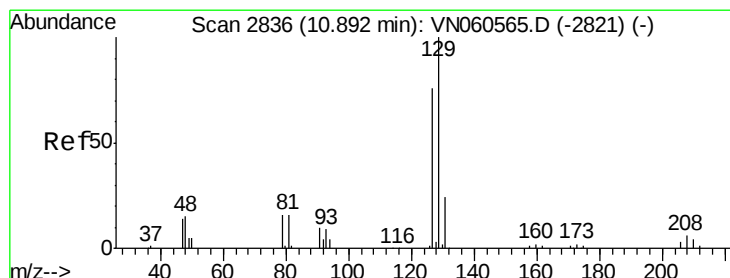
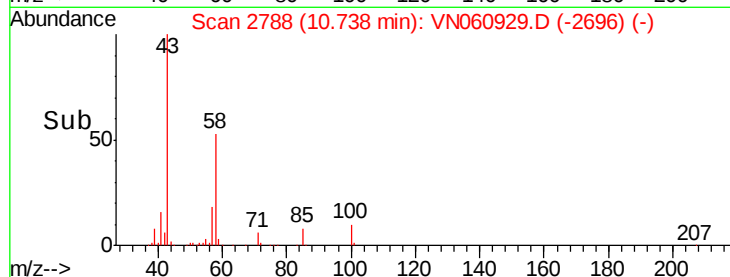
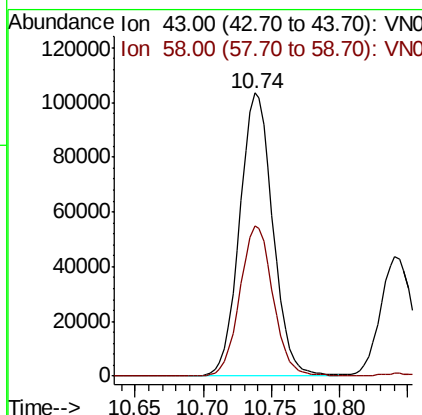
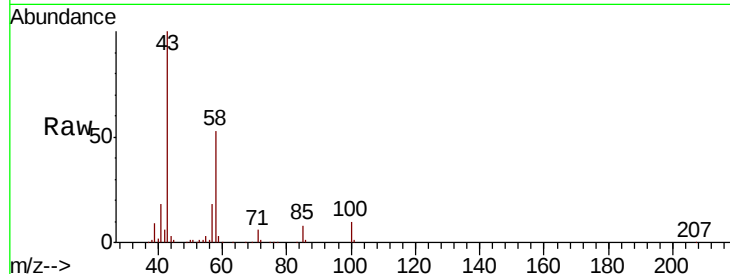




#59
2-Hexanone
Concen: 104.967 ug/l
RT: 10.74 min Scan# 2788
Delta R.T. -0.00 min
Lab File: VN060929.D
Acq: 14 Apr 2020 13:37

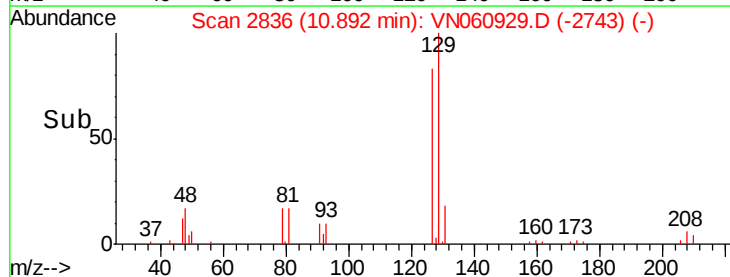
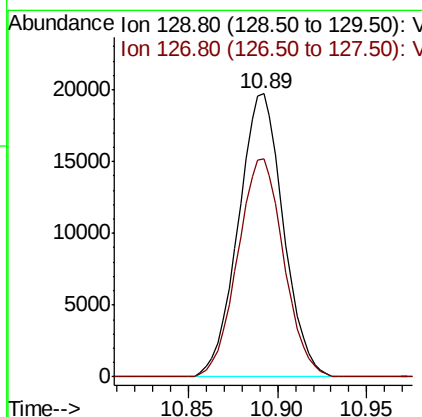
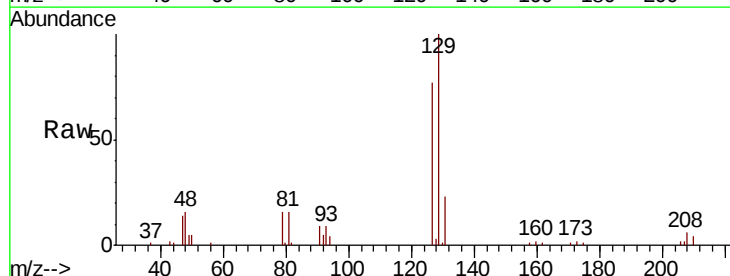
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01

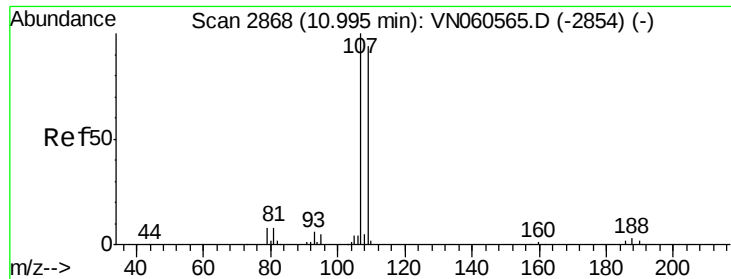
Tot Ion: 43 Resp: 174685
Ion Ratio Lower Upper
43 100
58 53.1 26.7 80.1



#60
Dibromochloromethane
Concen: 21.010 ug/l
RT: 10.89 min Scan# 2836
Delta R.T. -0.00 min
Lab File: VN060929.D
Acq: 14 Apr 2020 13:37

Tgt Ion:129 Resp: 34679
Ion Ratio Lower Upper
129 100
127 78.7 38.5 115.5





#61

1,2-Dibromoethane

Concen: 20.750 ug/l

RT: 10.99 min Scan# 2868

Delta R.T. -0.00 min

Lab File: VN060929.D

Acq: 14 Apr 2020 13:37

Instrument :

MSVOA_N

ClientSampleId :

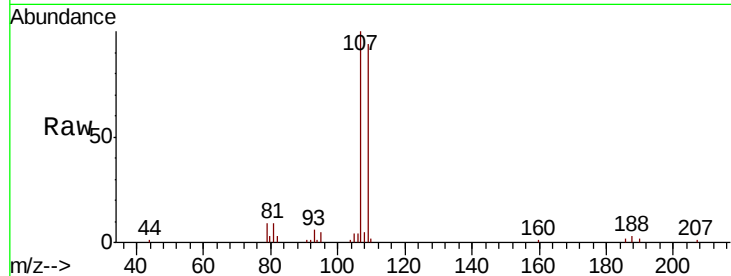
VN0414WBSD01

Tot Ion:107 Resp: 33342

Ion Ratio Lower Upper

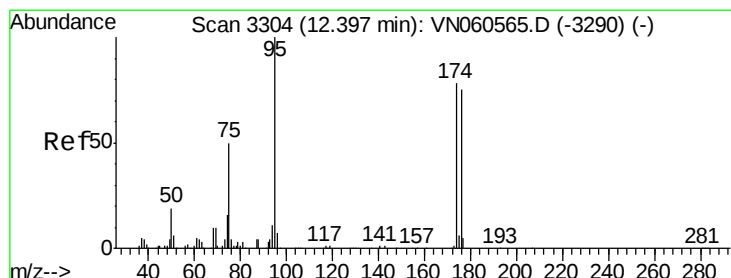
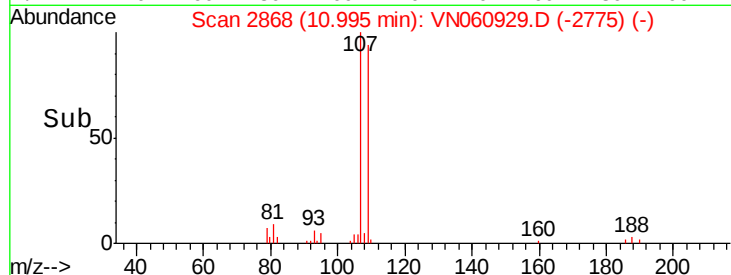
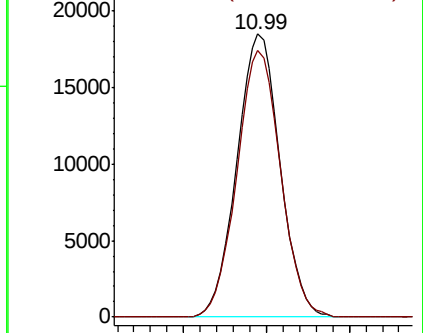
107 100

109 95.4 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 41.634 ug/l

RT: 12.39 min Scan# 3303

Delta R.T. -0.00 min

Lab File: VN060929.D

Acq: 14 Apr 2020 13:37

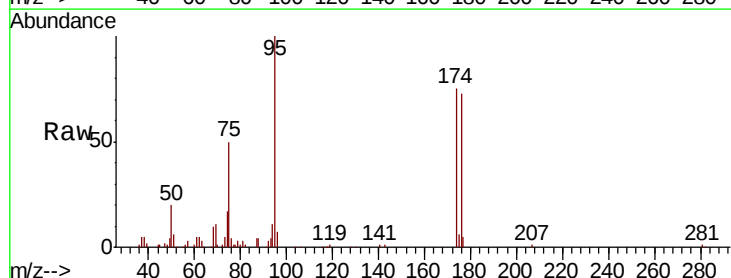
Tgt Ion: 95 Resp: 88668

Ion Ratio Lower Upper

95 100

174 75.4 0.0 157.6

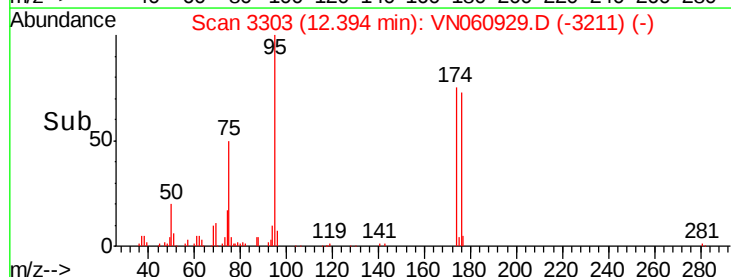
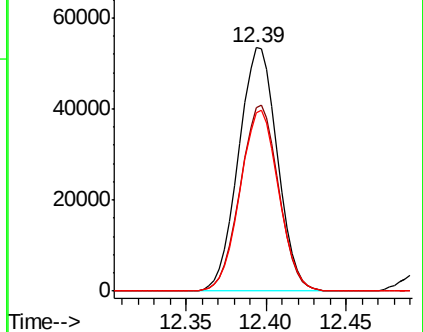
176 73.7 0.0 150.6

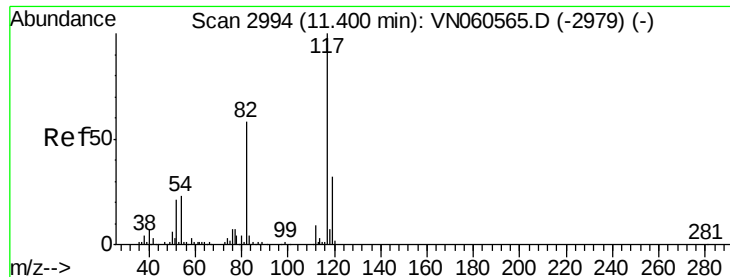


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

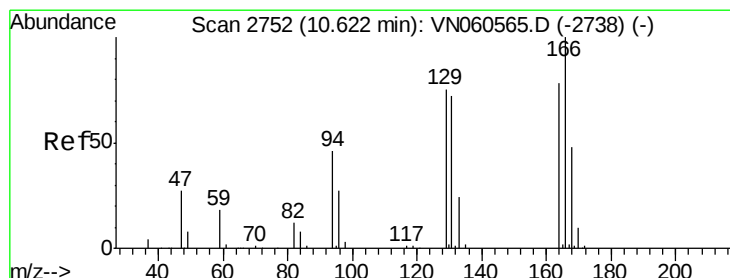
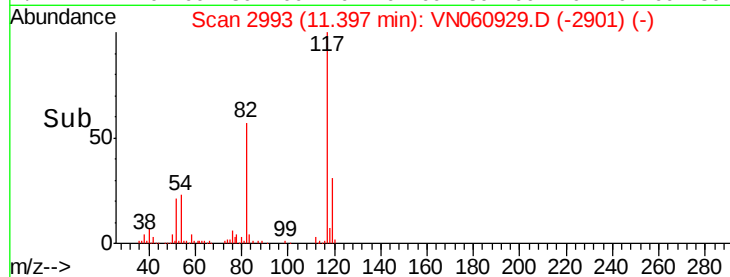
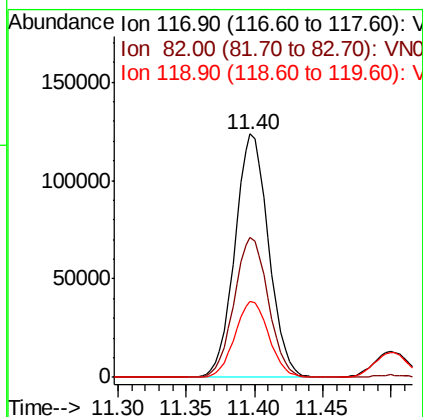
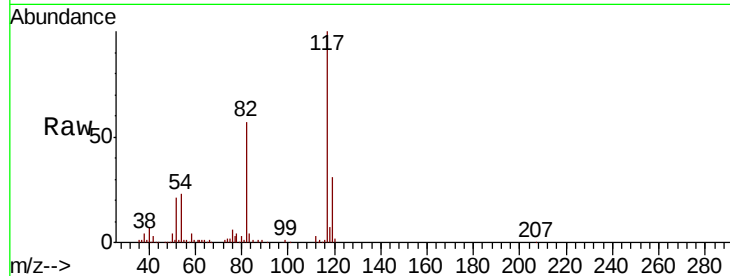




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2993
Delta R.T. -0.00 min
Lab File: VN060929.D
Acq: 14 Apr 2020 13:37

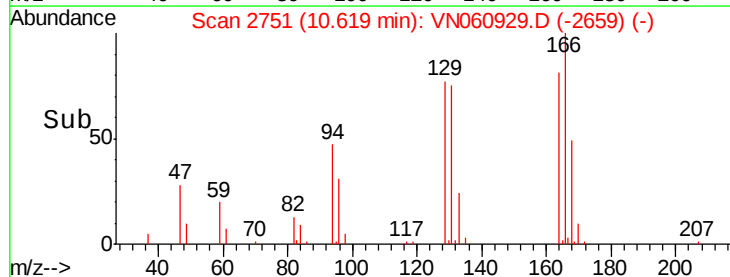
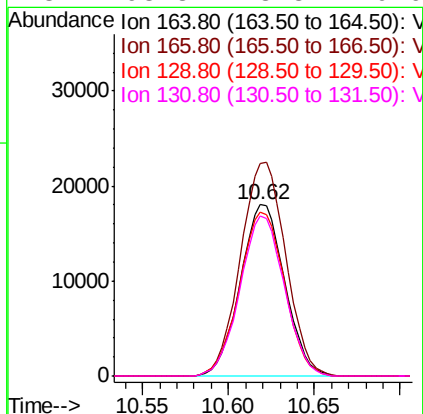
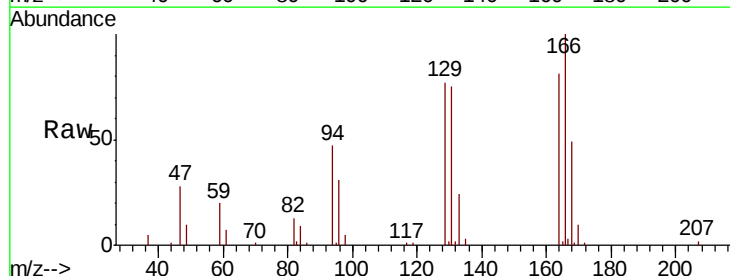
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01

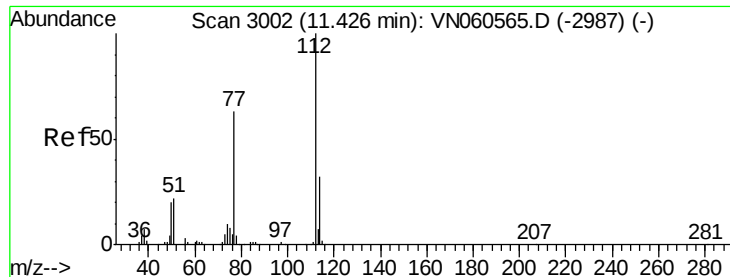
Tot Ion:117 Resp: 212021
Ion Ratio Lower Upper
117 100
82 57.4 46.7 70.1
119 31.0 25.5 38.3



#64
Tetrachloroethene
Concen: 19.307 ug/l
RT: 10.62 min Scan# 2751
Delta R.T. -0.00 min
Lab File: VN060929.D
Acq: 14 Apr 2020 13:37

Tgt Ion:164 Resp: 32212
Ion Ratio Lower Upper
164 100
166 123.9 102.7 154.1
129 95.9 77.2 115.8
131 93.3 73.8 110.6

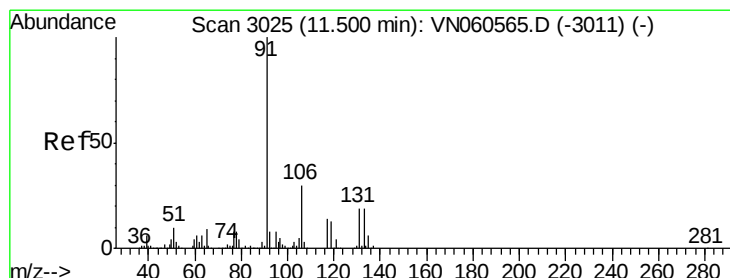
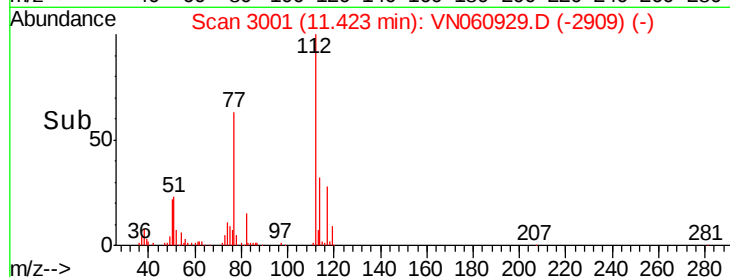
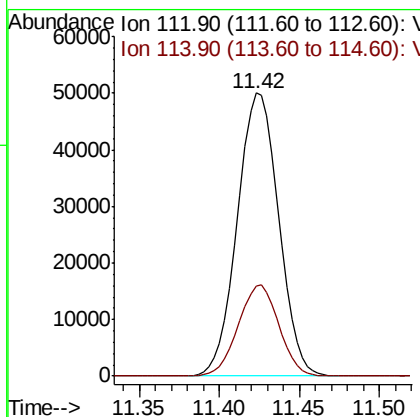
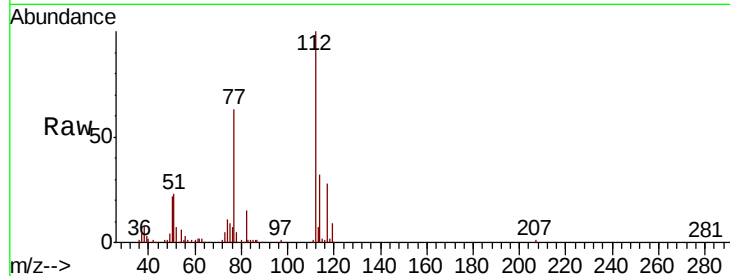




#65
Chlorobenzene
Concen: 21.006 ug/l
RT: 11.42 min Scan# 3001
Delta R.T. -0.00 min
Lab File: VN060929.D
Acq: 14 Apr 2020 13:37

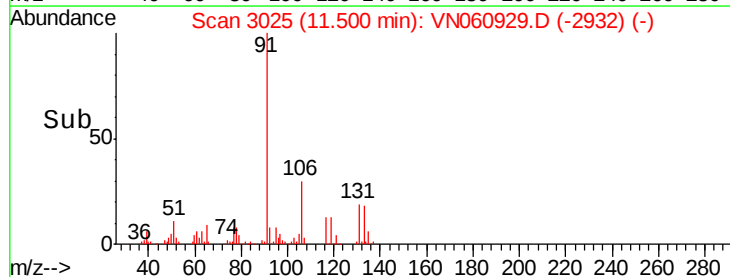
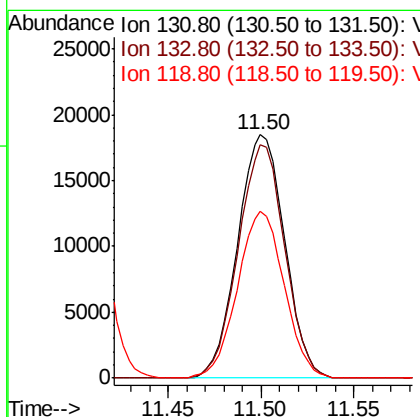
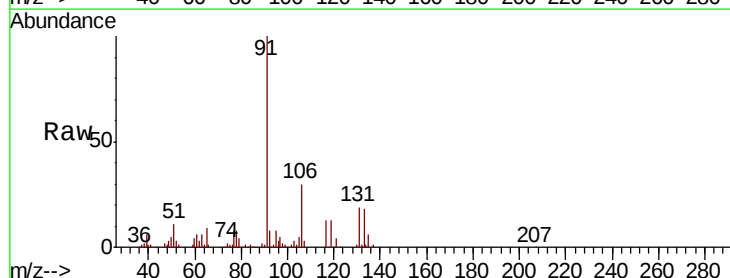
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01

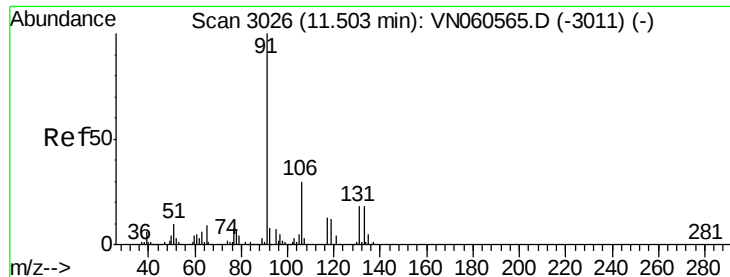
Tot Ion:112 Resp: 88292
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 21.340 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. -0.00 min
Lab File: VN060929.D
Acq: 14 Apr 2020 13:37

Tgt Ion:131 Resp: 32475
Ion Ratio Lower Upper
131 100
133 95.1 48.9 146.8
119 68.0 33.9 101.7





#67

Ethyl Benzene

Concen: 21.207 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. -0.00 min

Lab File: VN060929.D

Acq: 14 Apr 2020 13:37

Instrument :

MSVOA_N

ClientSampled :

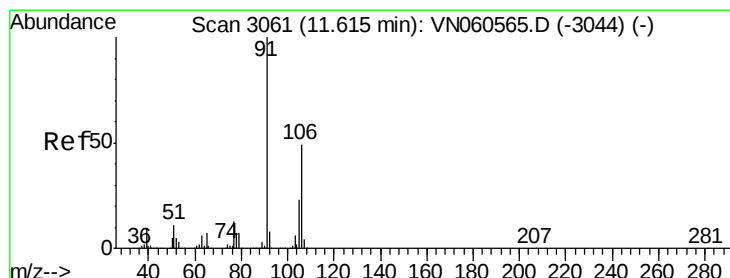
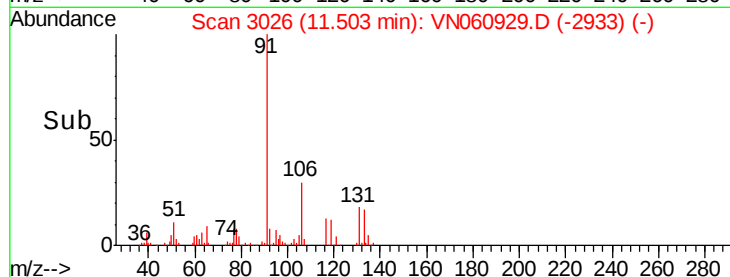
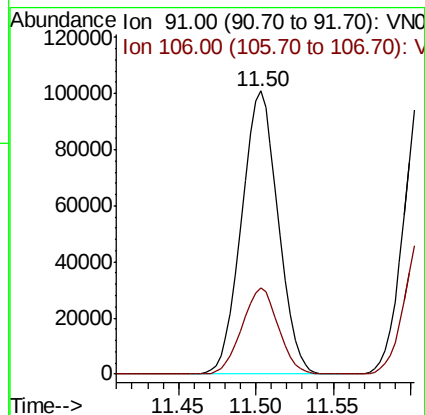
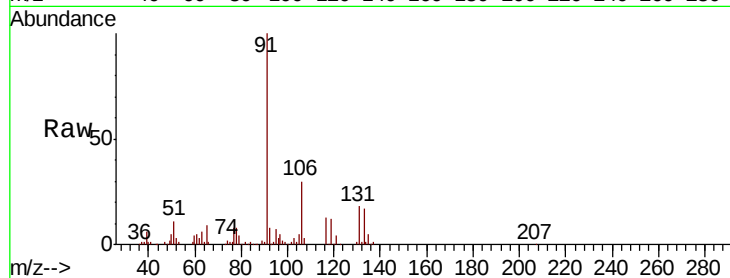
VN0414WBSD01

Tot Ion: 91 Resp: 165760

Ion Ratio Lower Upper

91 100

106 30.3 24.2 36.2



#68

m/p-Xylenes

Concen: 41.076 ug/l

RT: 11.61 min Scan# 3060

Delta R.T. -0.00 min

Lab File: VN060929.D

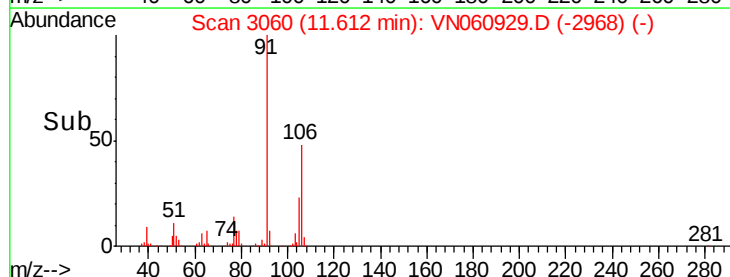
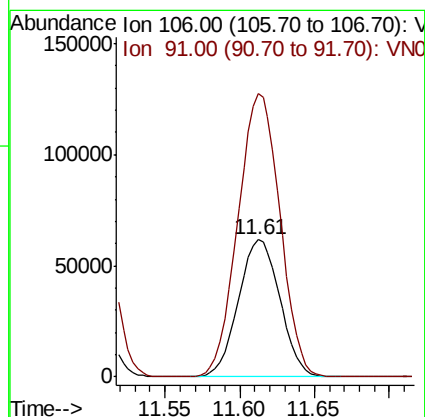
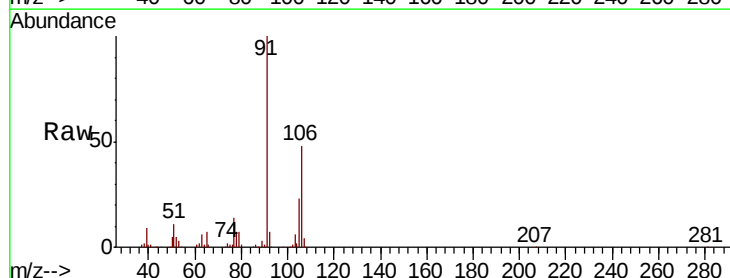
Acq: 14 Apr 2020 13:37

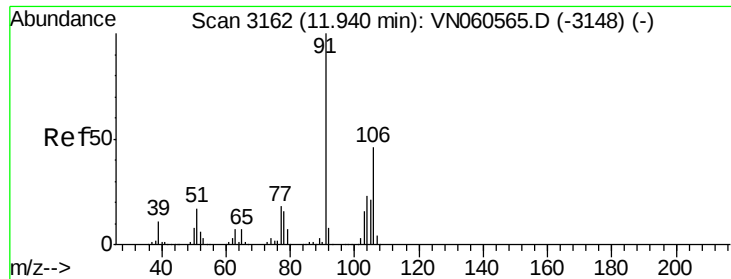
Tgt Ion: 106 Resp: 119309

Ion Ratio Lower Upper

106 100

91 209.0 165.0 247.4

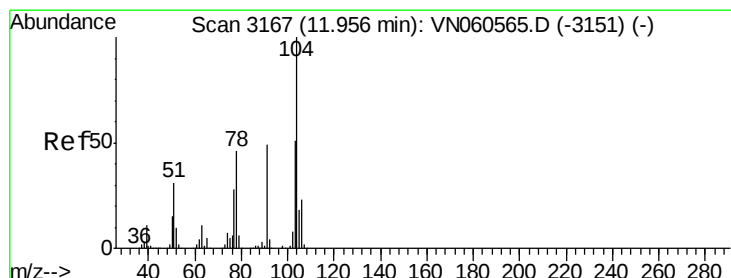
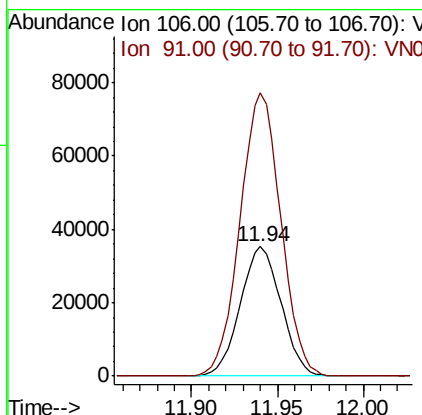
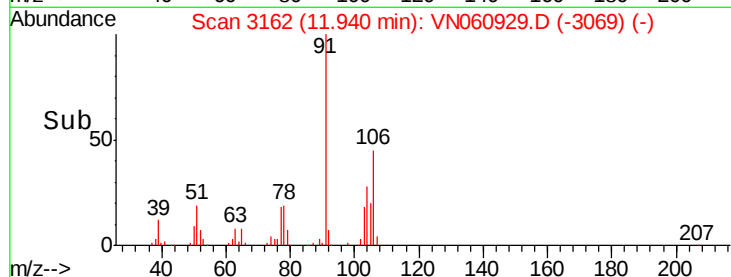
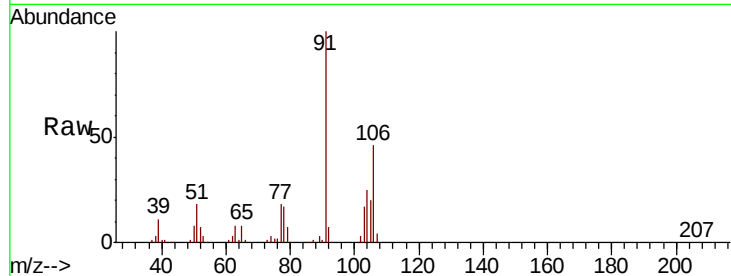




#69
o-Xylene
Concen: 20.997 ug/l
RT: 11.94 min Scan# 3162
Delta R.T. -0.00 min
Lab File: VN060929.D
Acq: 14 Apr 2020 13:37

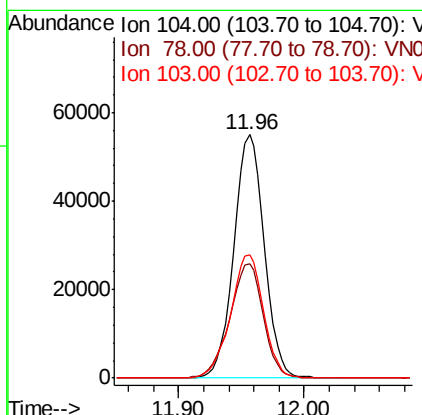
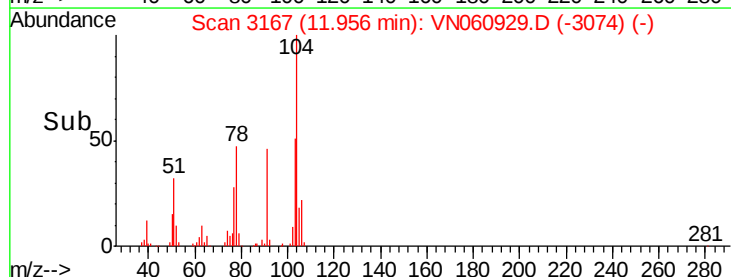
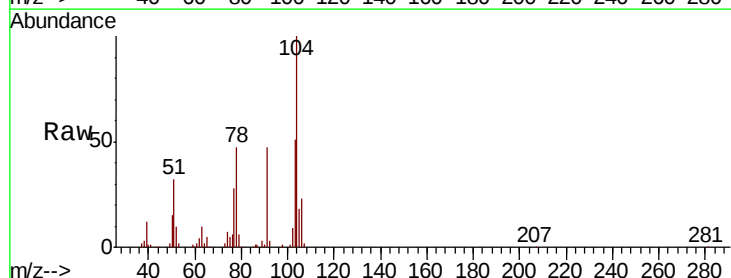
Instrument :
MSVOA_N
ClientSampled :
VN0414WBSD01

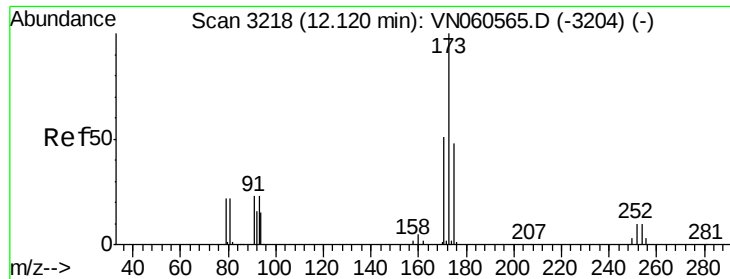
Tot Ion:106 Resp: 58220
Ion Ratio Lower Upper
106 100
91 218.5 109.5 328.4



#70
Styrene
Concen: 20.437 ug/l
RT: 11.96 min Scan# 3167
Delta R.T. -0.00 min
Lab File: VN060929.D
Acq: 14 Apr 2020 13:37

Tgt Ion:104 Resp: 92679
Ion Ratio Lower Upper
104 100
78 51.7 41.2 61.8
103 54.8 44.0 66.0

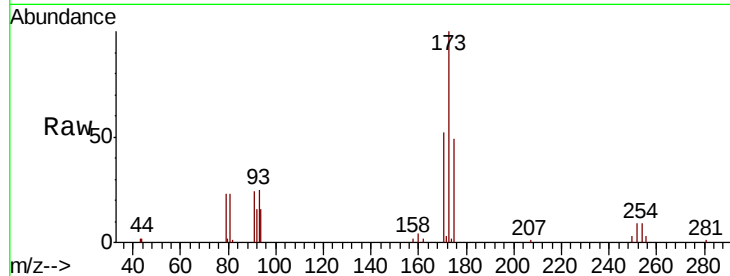




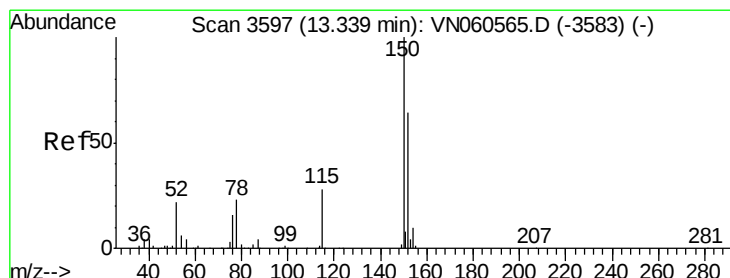
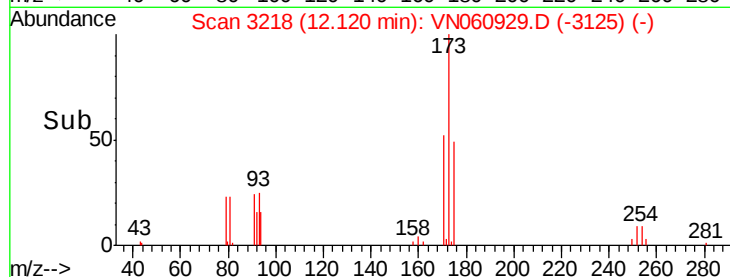
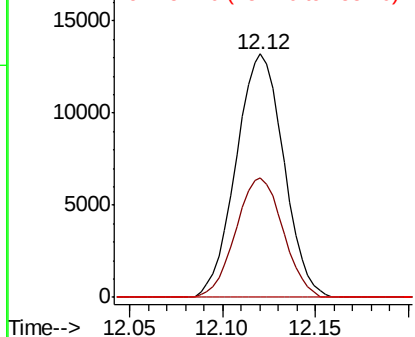
#71
Bromoform
Concen: 19.737 ug/l
RT: 12.12 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN060929.D
Acq: 14 Apr 2020 13:37

Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01

Tot Ion:173 Resp: 23632
Ion Ratio Lower Upper
173 100
175 48.6 24.1 72.4
254 0.0 0.0 0.0

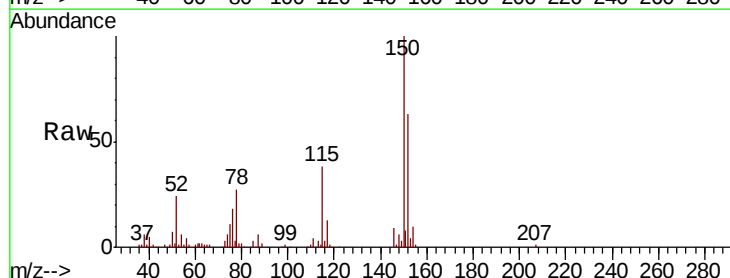


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

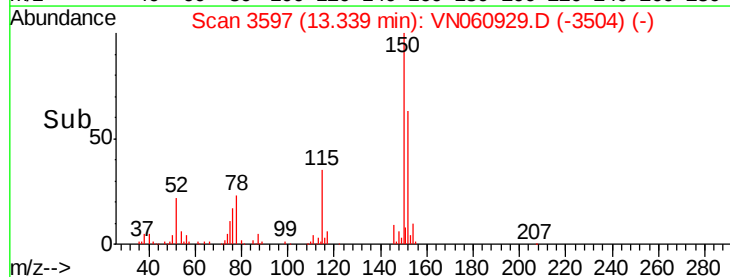
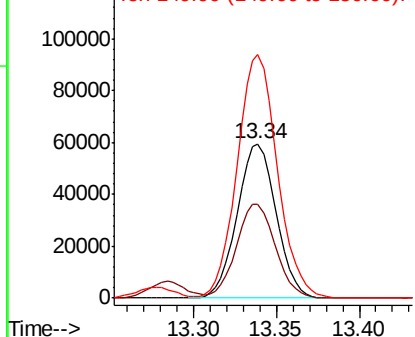


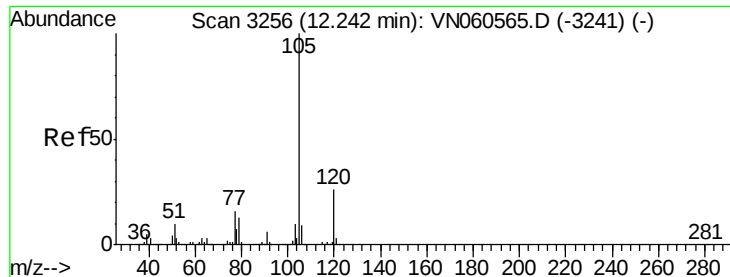
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060929.D
Acq: 14 Apr 2020 13:37

Tgt Ion:152 Resp: 96930
Ion Ratio Lower Upper
152 100
115 61.0 30.2 90.6
150 163.3 0.0 350.2



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: 21.620 ug/l

RT: 12.24 min Scan# 3256

Delta R.T. -0.00 min

Lab File: VN060929.D

Acq: 14 Apr 2020 13:37

Instrument :

MSVOA_N

ClientSampleId :

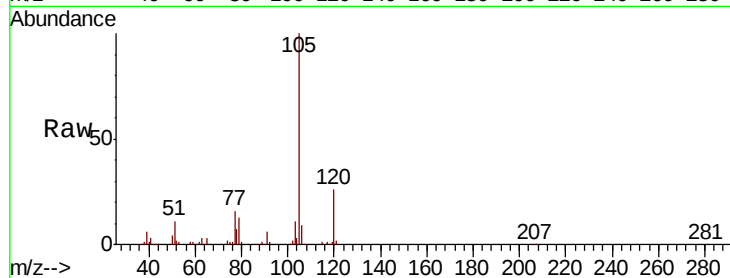
VN0414WBSD01

Tot Ion:105 Resp: 157269

Ion Ratio Lower Upper

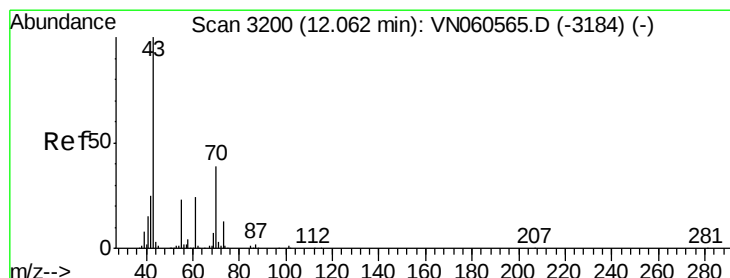
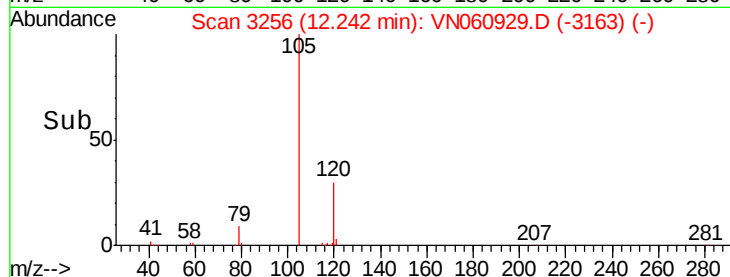
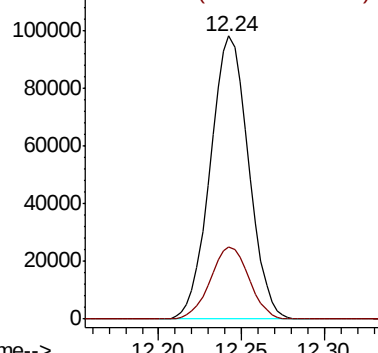
105 100

120 25.9 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.841 ug/l

RT: 12.06 min Scan# 3200

Delta R.T. -0.00 min

Lab File: VN060929.D

Acq: 14 Apr 2020 13:37

Tgt Ion: 43 Resp: 70054

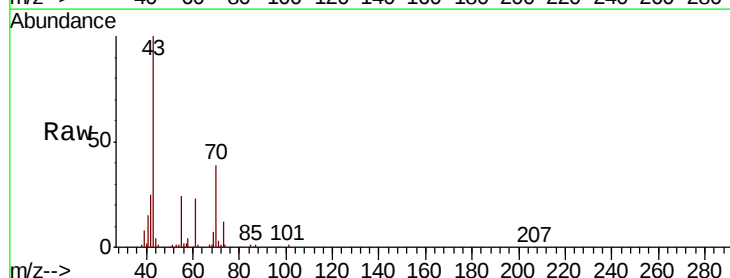
Ion Ratio Lower Upper

43 100

70 38.7 31.1 46.7

55 24.0 18.6 27.8

61 22.8 18.9 28.3

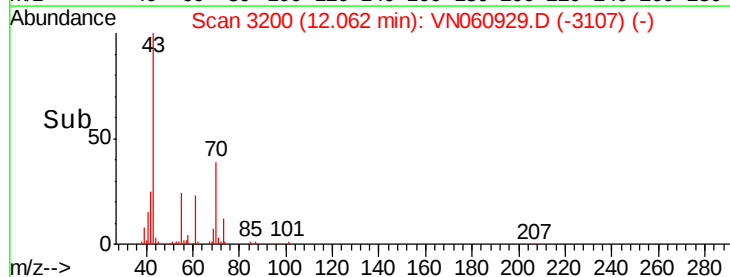
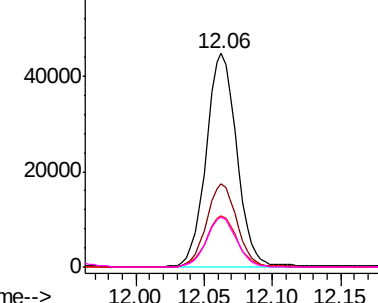


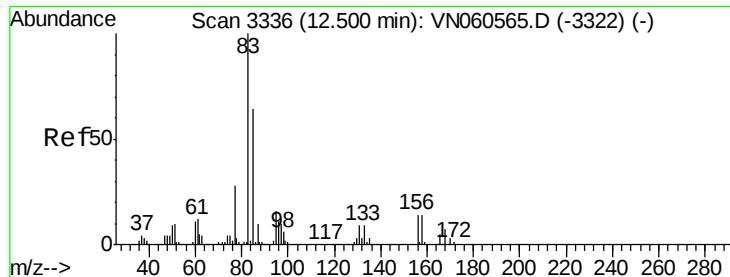
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.797 ug/l

RT: 12.50 min Scan# 3335

Delta R.T. -0.00 min

Lab File: VN060929.D

Acq: 14 Apr 2020 13:37

Instrument :

MSVOA_N

ClientSampleId :

VN0414WBSD01

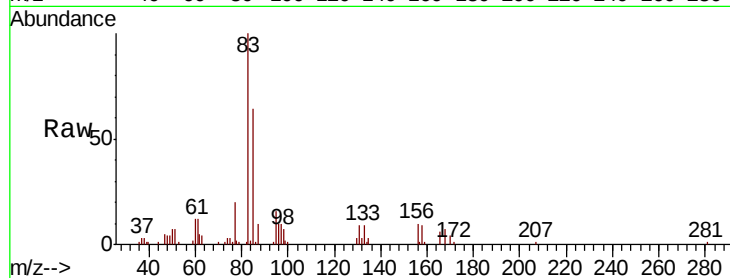
Tot Ion: 83 Resp: 47948

Ion Ratio Lower Upper

83 100

131 9.3 4.9 14.7

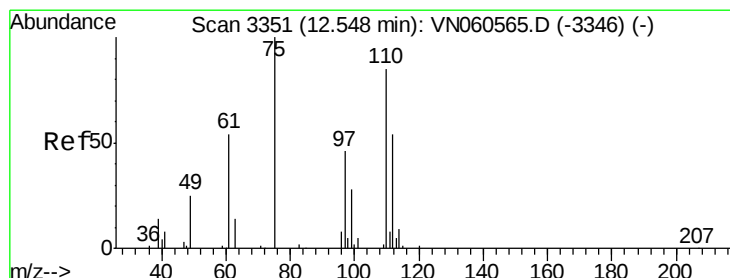
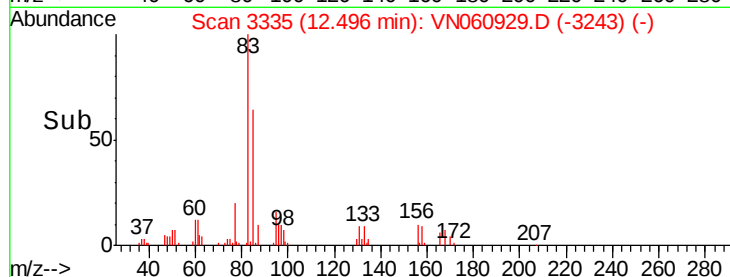
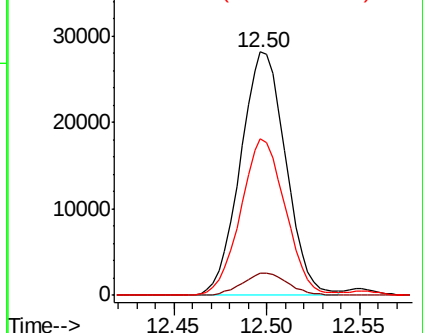
85 63.2 32.5 97.4



Abundance Ion 82.90 (82.60 to 83.60): VN060929.D (-3322) (-)

Ion 130.80 (130.50 to 131.50): VN060929.D (-3322) (-)

Ion 84.90 (84.60 to 85.60): VN060929.D (-3322) (-)



#76

1,2,3-Trichloropropane

Concen: 30.320 ug/l

RT: 12.55 min Scan# 3351

Delta R.T. -0.00 min

Lab File: VN060929.D

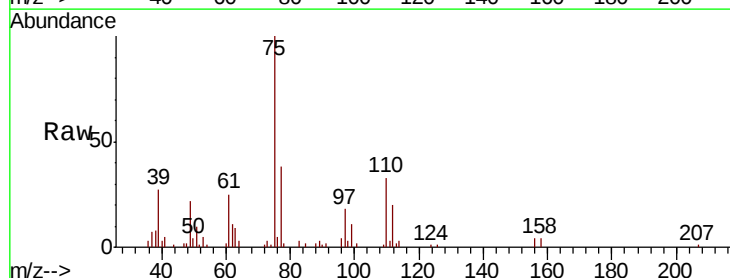
Acq: 14 Apr 2020 13:37

Tgt Ion: 75 Resp: 63416

Ion Ratio Lower Upper

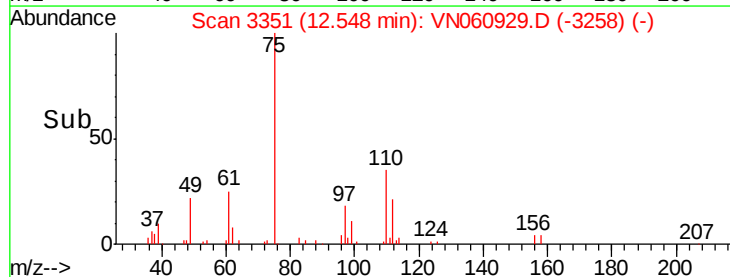
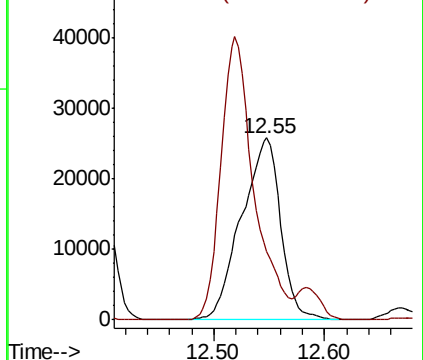
75 100

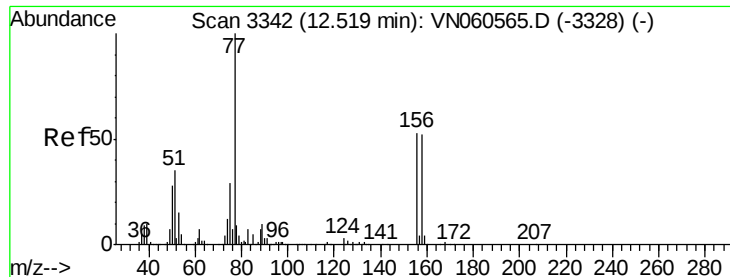
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN060929.D (-3351) (-)

Ion 77.00 (76.70 to 77.70): VN060929.D (-3351) (-)





#77

Bromobenzene

Concen: 20.729 ug/l

RT: 12.52 min Scan# 3342

Delta R.T. -0.00 min

Lab File: VN060929.D

Acq: 14 Apr 2020 13:37

Instrument :

MSVOA_N

ClientSampleId :

VN0414WBSD01

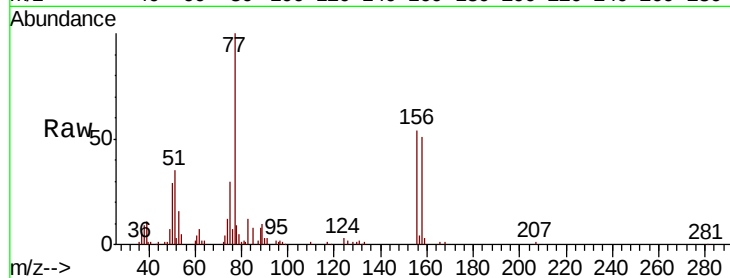
Tot Ion:156 Resp: 36335

Ion Ratio Lower Upper

156 100

77 229.3 112.3 337.0

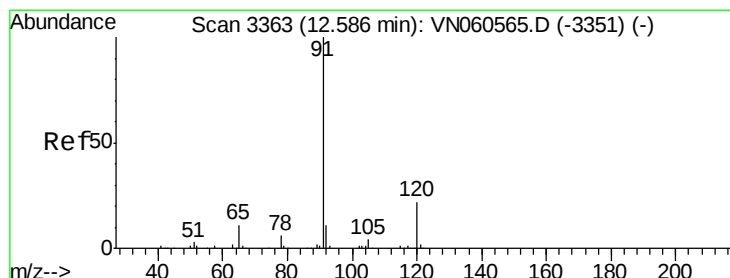
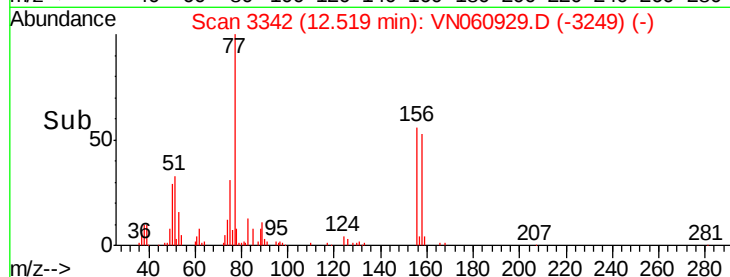
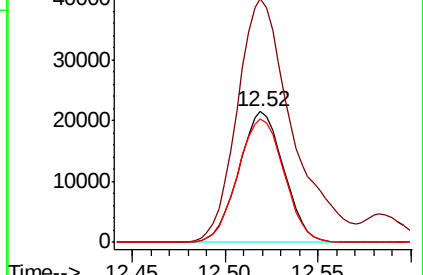
158 96.7 48.6 145.8



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: 21.589 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN060929.D

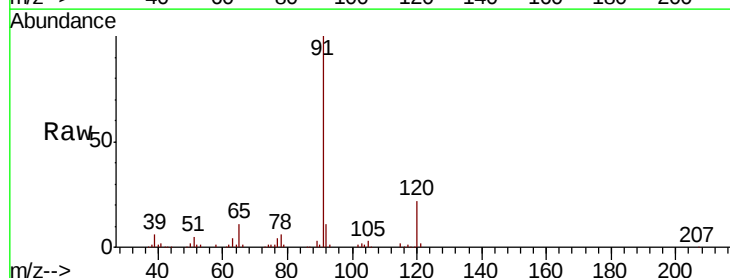
Acq: 14 Apr 2020 13:37

Tgt Ion: 91 Resp: 185536

Ion Ratio Lower Upper

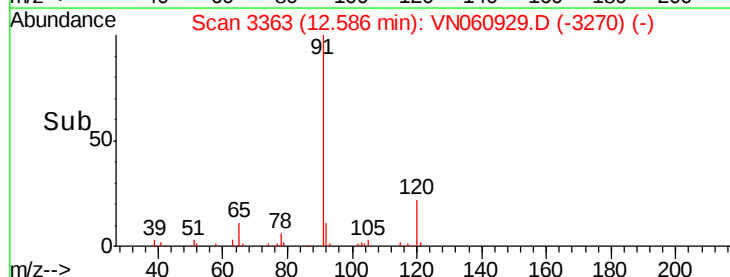
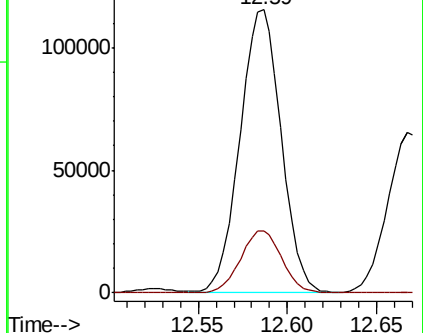
91 100

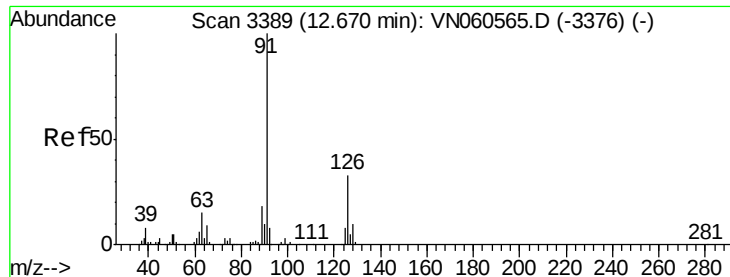
120 22.0 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.181 ug/l

RT: 12.67 min Scan# 3388

Delta R.T. -0.00 min

Lab File: VN060929.D

Acq: 14 Apr 2020 13:37

Instrument :

MSVOA_N

ClientSampleId :

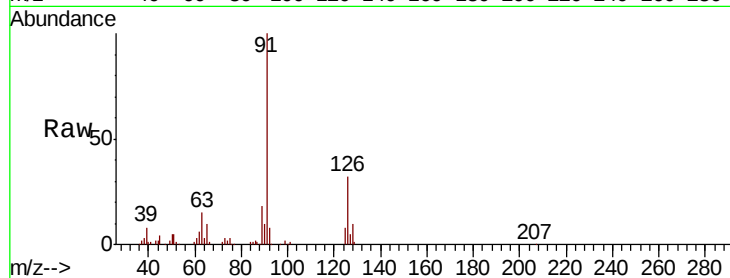
VN0414WBSD01

Tot Ion: 91 Resp: 108763

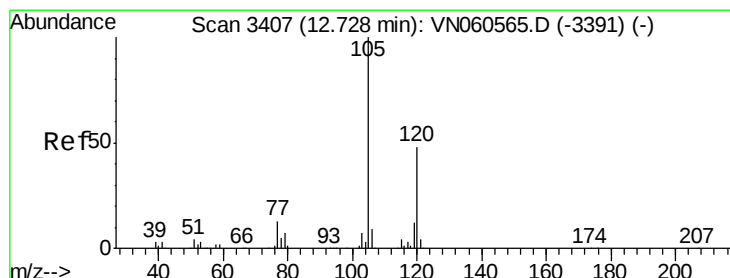
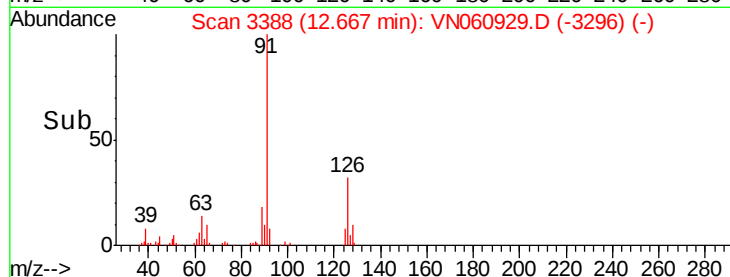
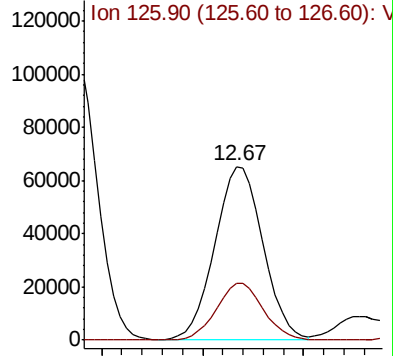
Ion Ratio Lower Upper

91 100

126 32.0 16.4 49.1



Abundance Ion 91.00 (90.70 to 91.70): VN060929.D (-3376) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.360 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. -0.00 min

Lab File: VN060929.D

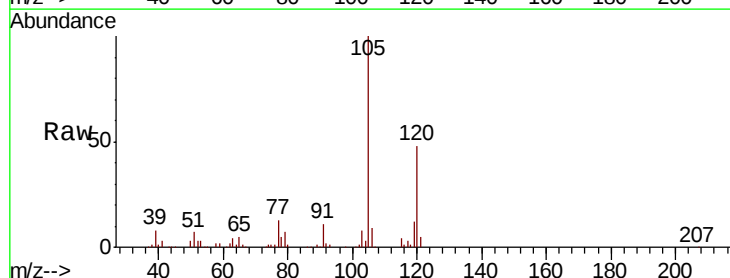
Acq: 14 Apr 2020 13:37

Tgt Ion:105 Resp: 131855

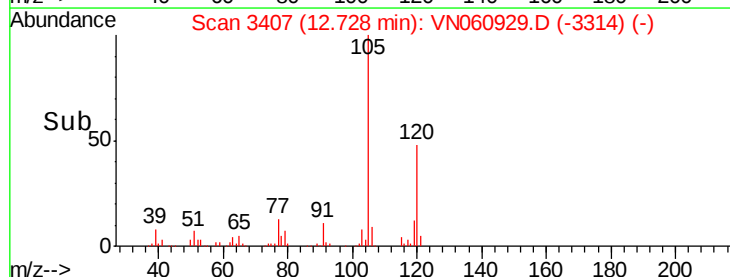
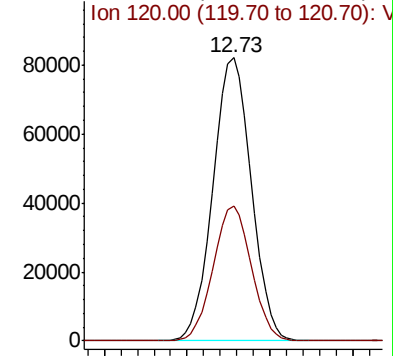
Ion Ratio Lower Upper

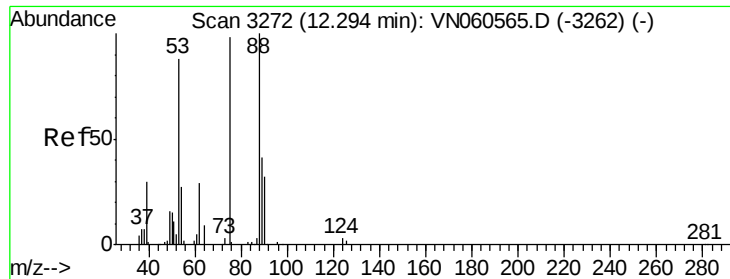
105 100

120 47.2 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VN060929.D (-3391) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 20.390 ug/l

RT: 12.29 min Scan# 3272

Delta R.T. -0.00 min

Lab File: VN060929.D

Acq: 14 Apr 2020 13:37

Instrument :

MSVOA_N

ClientSampleId :

VN0414WBSD01

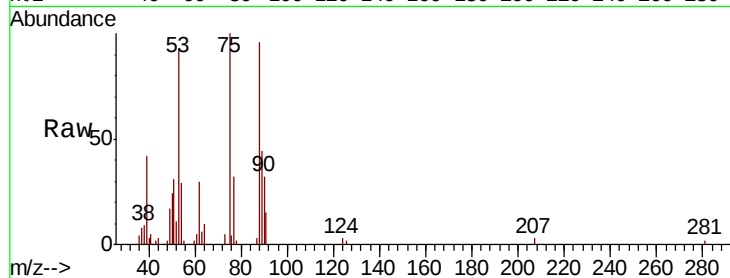
Tot Ion: 75 Resp: 16605

Ion Ratio Lower Upper

75 100

53 90.3 73.0 109.4

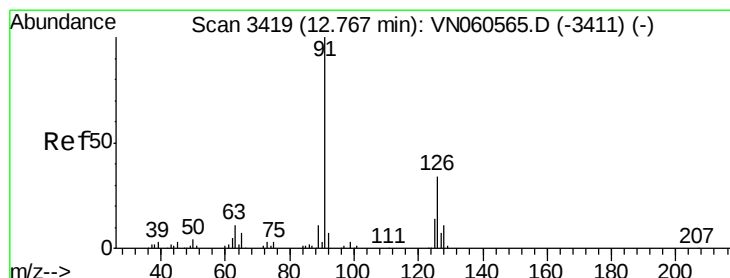
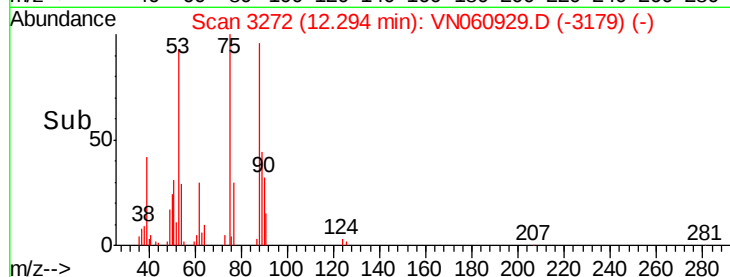
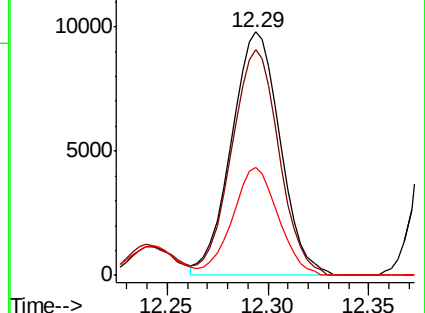
89 41.5 34.8 52.2



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 21.441 ug/l

RT: 12.77 min Scan# 3419

Delta R.T. -0.00 min

Lab File: VN060929.D

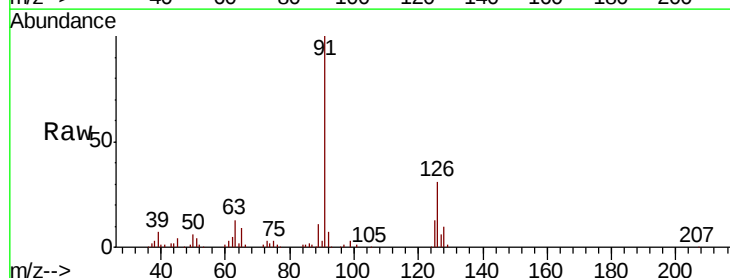
Acq: 14 Apr 2020 13:37

Tgt Ion: 91 Resp: 112131

Ion Ratio Lower Upper

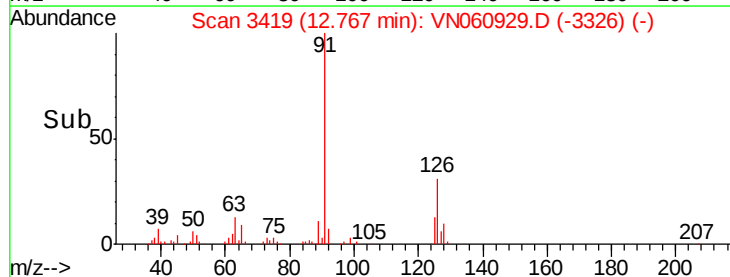
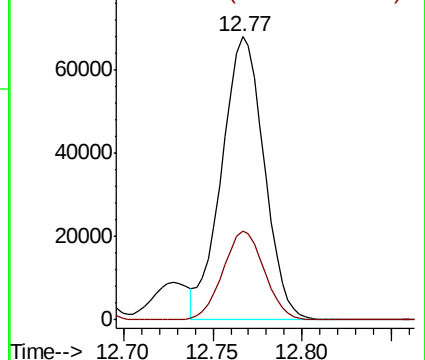
91 100

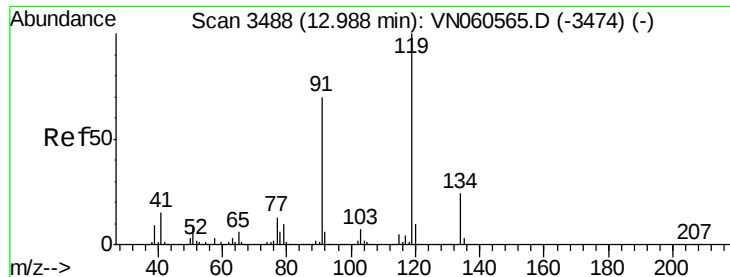
126 30.8 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

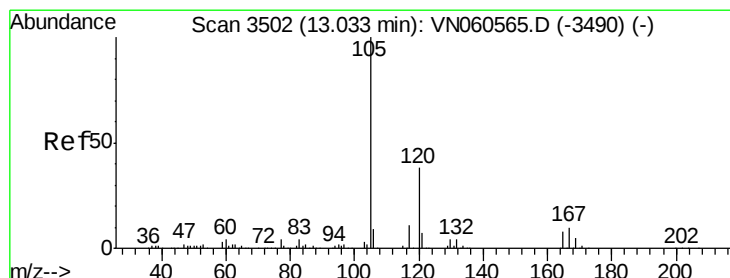
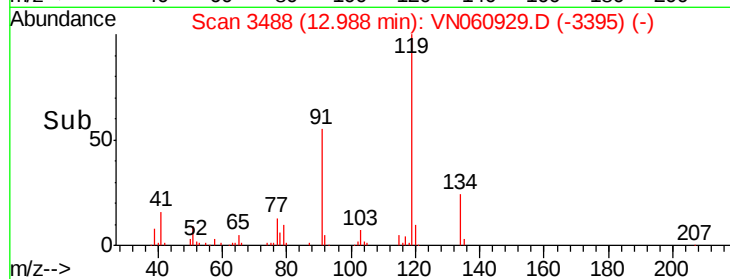
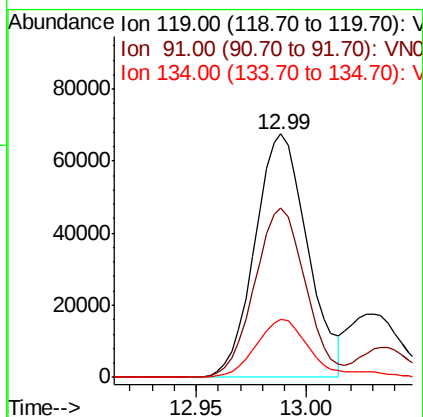
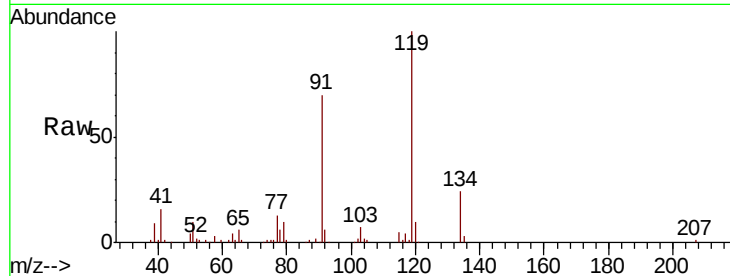




#83
tert-Butylbenzene
Concen: 21.823 ug/l
RT: 12.99 min Scan# 3488
Delta R.T. -0.00 min
Lab File: VN060929.D
Acq: 14 Apr 2020 13:37

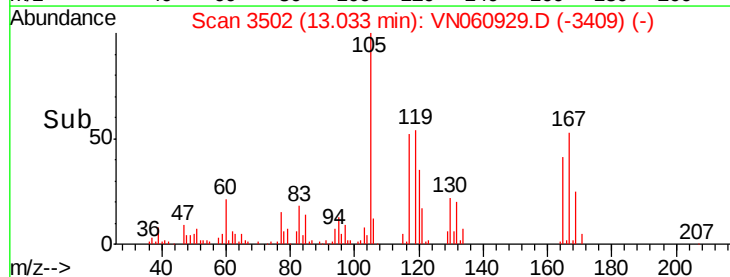
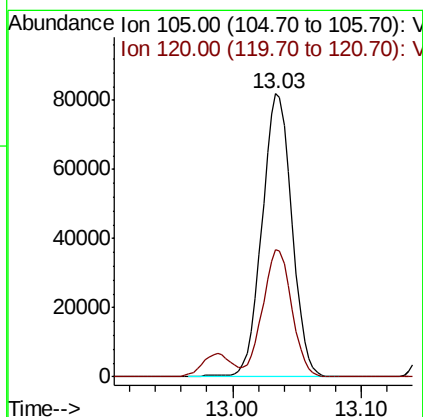
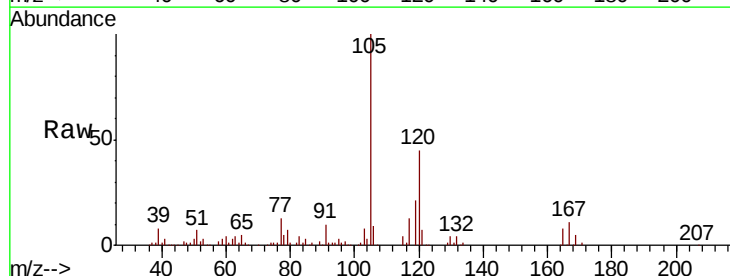
Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01

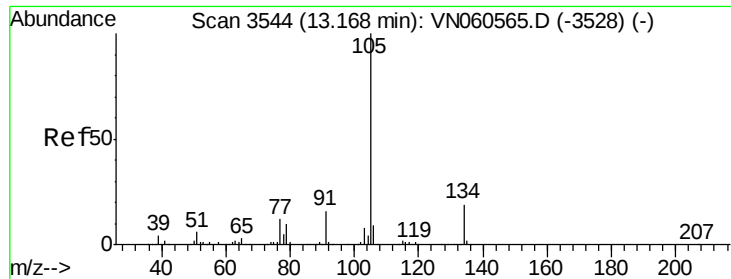
Tot Ion:119 Resp: 111674
Ion Ratio Lower Upper
119 100
91 67.7 34.0 101.8
134 25.1 12.7 38.0



#84
1,2,4-Trimethylbenzene
Concen: 21.678 ug/l
RT: 13.03 min Scan# 3502
Delta R.T. -0.00 min
Lab File: VN060929.D
Acq: 14 Apr 2020 13:37

Tgt Ion:105 Resp: 132388
Ion Ratio Lower Upper
105 100
120 43.7 22.1 66.5

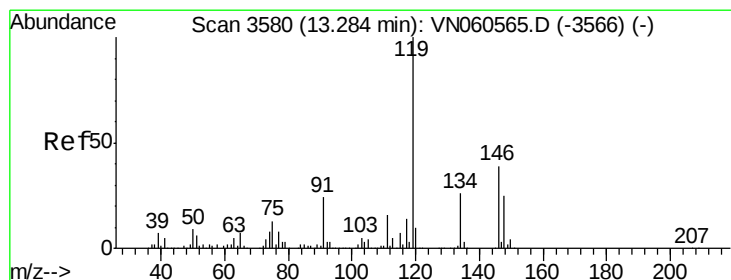
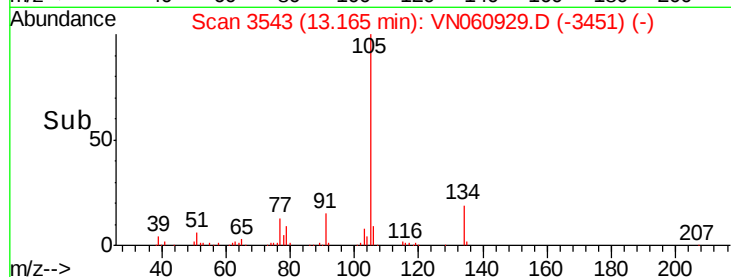
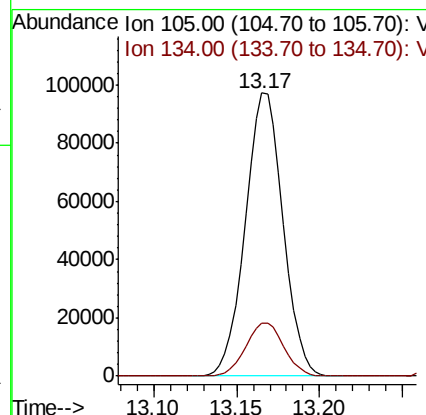
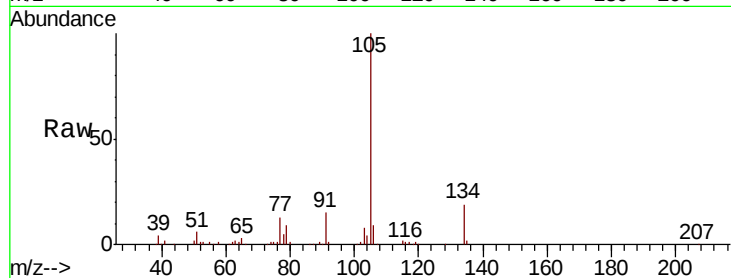




#85
 sec-Butylbenzene
 Concen: 22.271 ug/l
 RT: 13.17 min Scan# 3543
 Delta R.T. -0.00 min
 Lab File: VN060929.D
 Acq: 14 Apr 2020 13:37

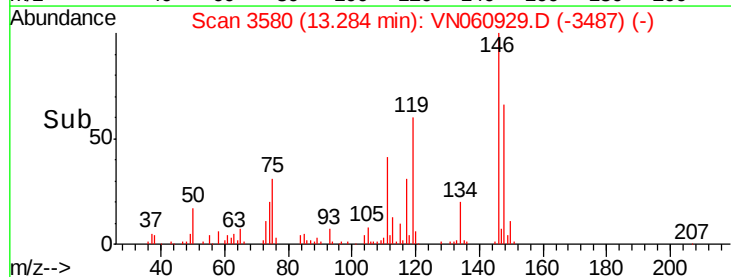
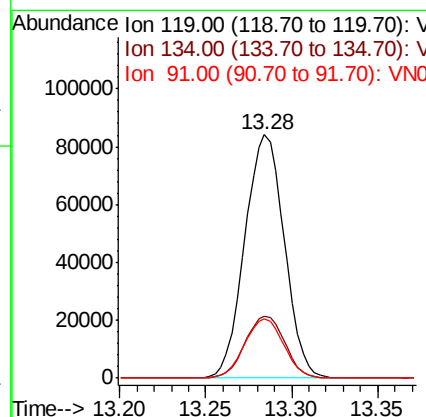
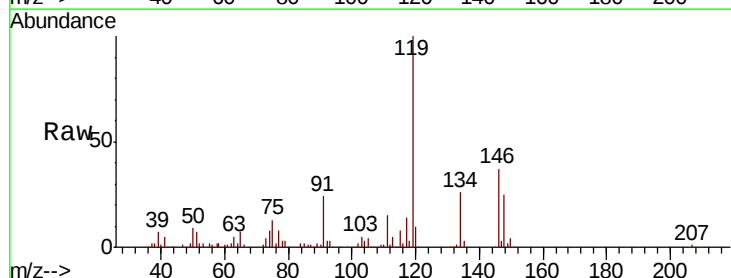
Instrument :
 MSVOA_N
 ClientSampleID :
 VN0414WBSD01

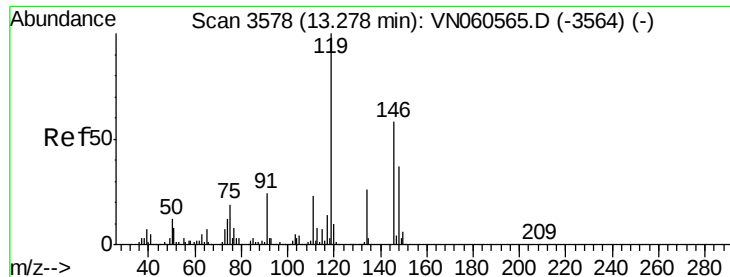
Tot Ion:105 Resp: 153252
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.6 28.8



#86
 p-Isopropyltoluene
 Concen: 21.723 ug/l
 RT: 13.28 min Scan# 3580
 Delta R.T. -0.00 min
 Lab File: VN060929.D
 Acq: 14 Apr 2020 13:37

Tgt Ion:119 Resp: 134415
 Ion Ratio Lower Upper
 119 100
 134 25.4 13.0 39.0
 91 24.3 12.0 36.0





#87

1,3-Dichlorobenzene

Concen: 20.858 ug/l

RT: 13.28 min Scan# 3578

Delta R.T. -0.00 min

Lab File: VN060929.D

Acq: 14 Apr 2020 13:37

Instrument :

MSVOA_N

ClientSampleId :

VN0414WBSD01

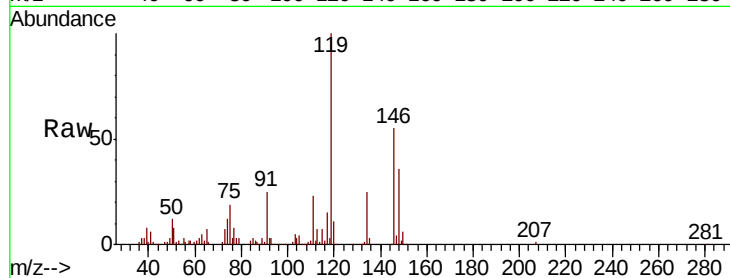
Tot Ion:146 Resp: 64483

Ion Ratio Lower Upper

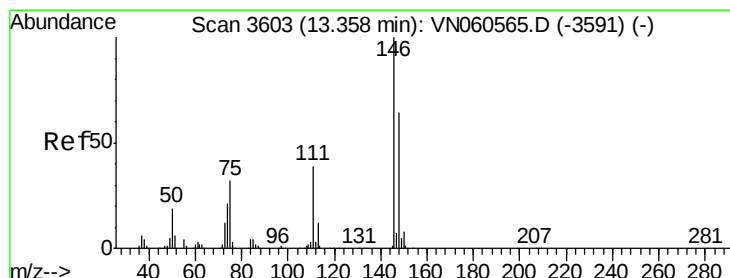
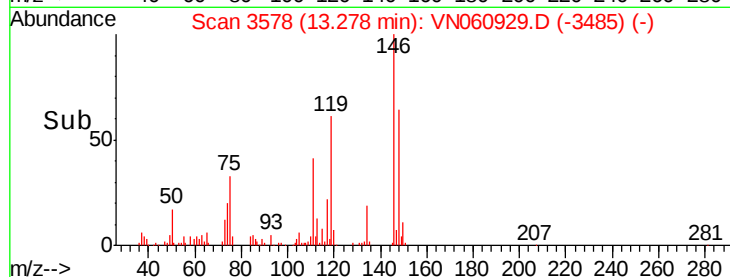
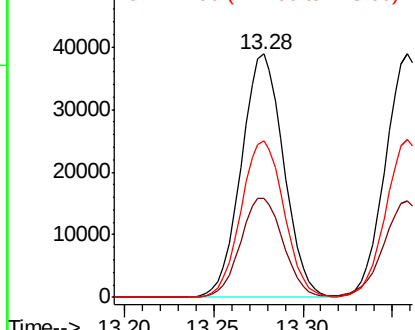
146 100

111 41.1 20.3 60.8

148 65.0 32.5 97.4



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 20.775 ug/l

RT: 13.36 min Scan# 3603

Delta R.T. -0.00 min

Lab File: VN060929.D

Acq: 14 Apr 2020 13:37

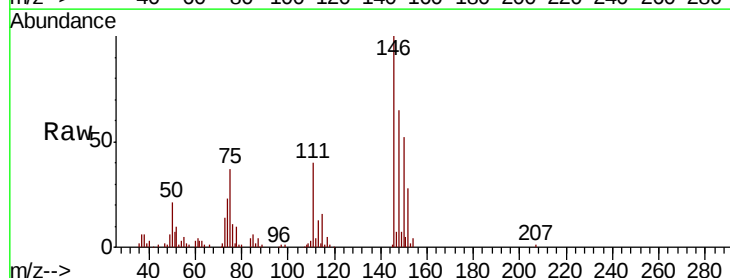
Tgt Ion:146 Resp: 64528

Ion Ratio Lower Upper

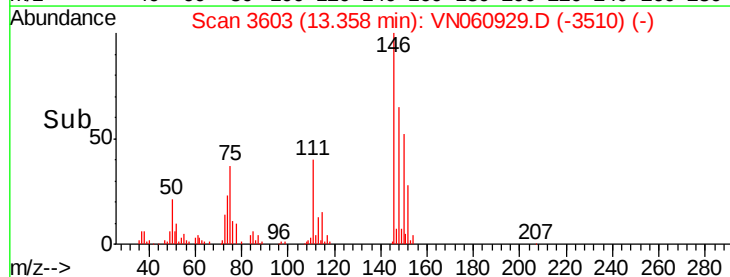
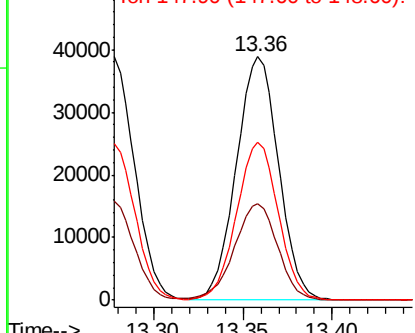
146 100

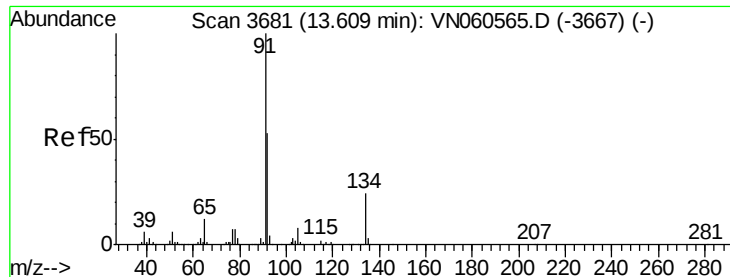
111 40.4 19.6 58.7

148 64.0 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 22.232 ug/l

RT: 13.61 min Scan# 3681

Delta R.T. -0.00 min

Lab File: VN060929.D

Acq: 14 Apr 2020 13:37

Instrument :

MSVOA_N

ClientSampled :

VN0414WBSD01

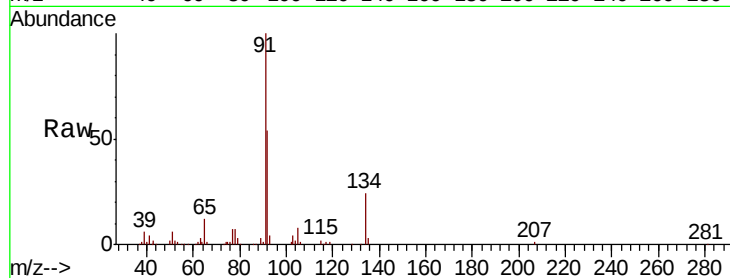
Tot Ion: 91 Resp: 124206

Ion Ratio Lower Upper

91 100

92 52.3 26.2 78.5

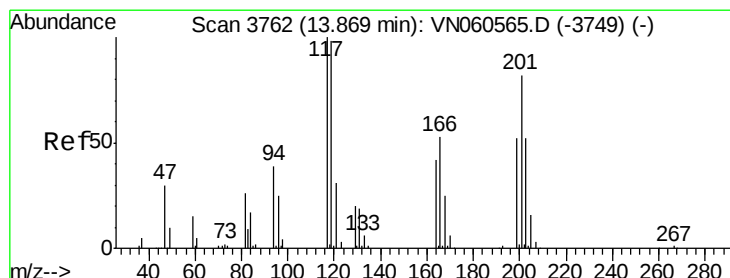
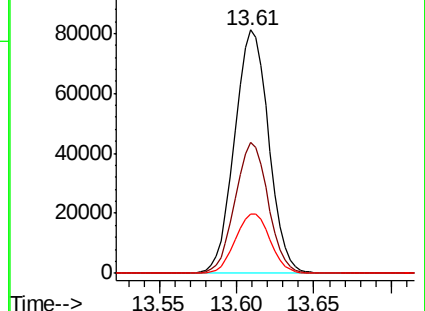
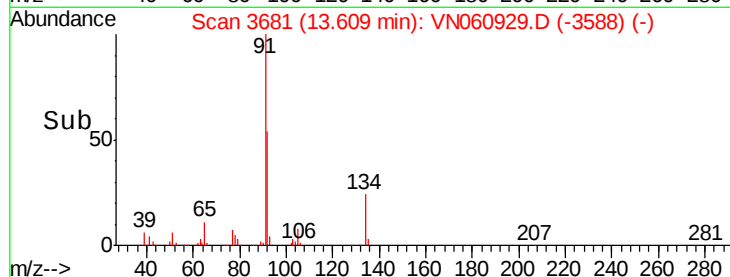
134 24.9 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN060929.D (-3667) (-)

Ion 92.00 (91.70 to 92.70): VN060929.D (-3667) (-)

Ion 134.00 (133.70 to 134.70): VN060929.D (-3667) (-)



#90

Hexachloroethane

Concen: 23.934 ug/l

RT: 13.87 min Scan# 3762

Delta R.T. -0.00 min

Lab File: VN060929.D

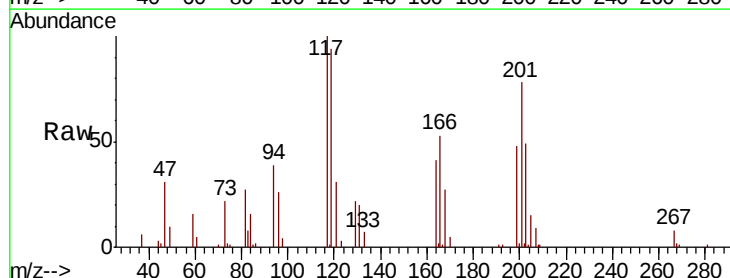
Acq: 14 Apr 2020 13:37

Tgt Ion: 117 Resp: 21527

Ion Ratio Lower Upper

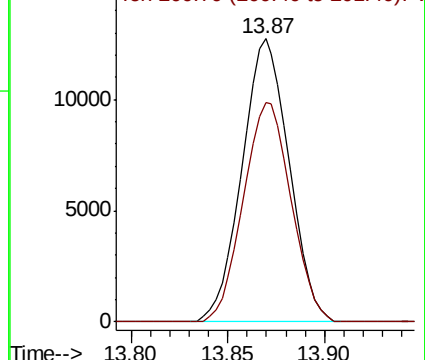
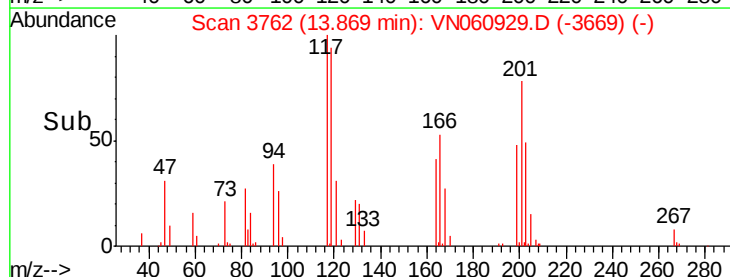
117 100

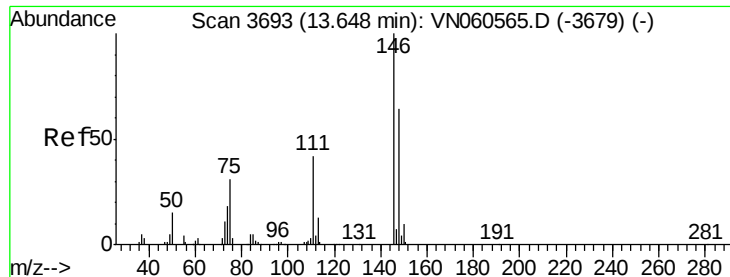
201 78.5 40.8 122.5



Abundance Ion 116.80 (116.50 to 117.50): VN060929.D (-3669) (-)

Ion 200.70 (200.40 to 201.40): VN060929.D (-3669) (-)

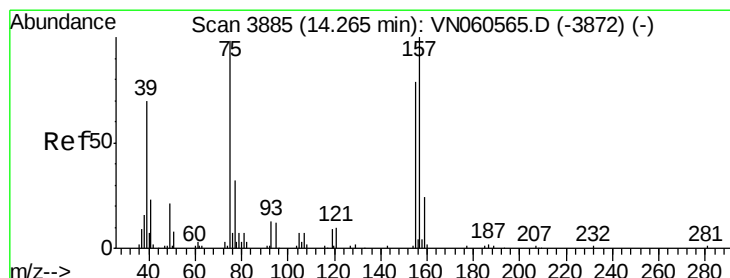
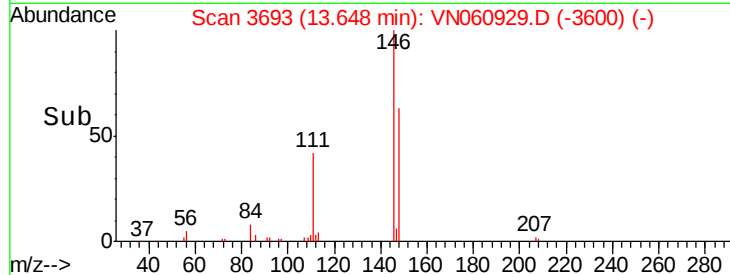
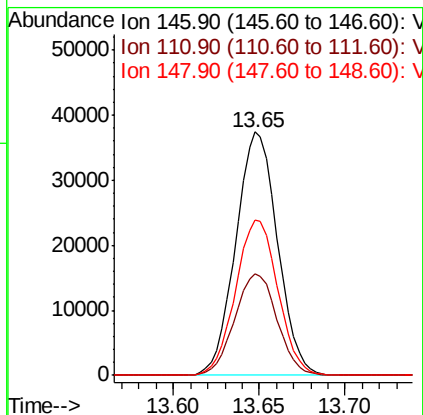
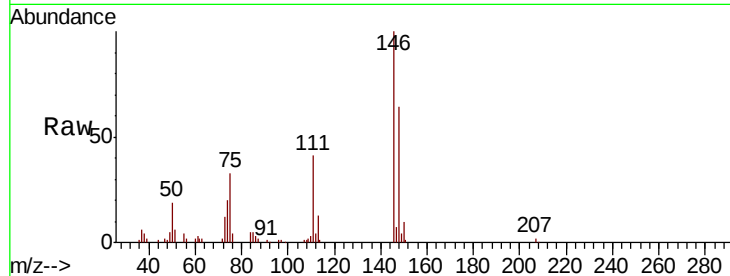




#91
 1,2-Dichlorobenzene
 Concen: 21.300 ug/l
 RT: 13.65 min Scan# 3693
 Delta R.T. -0.00 min
 Lab File: VN060929.D
 Acq: 14 Apr 2020 13:37

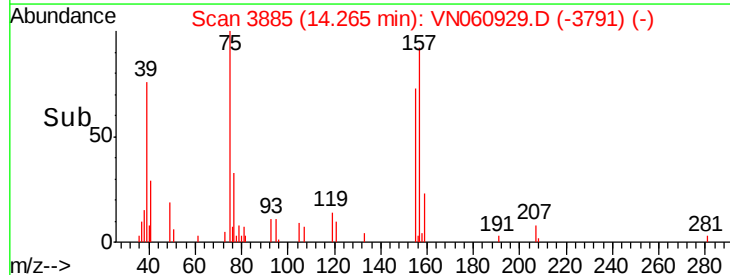
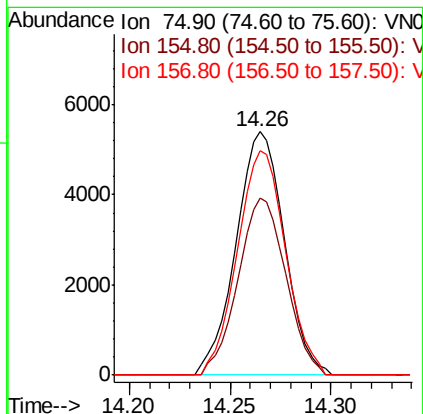
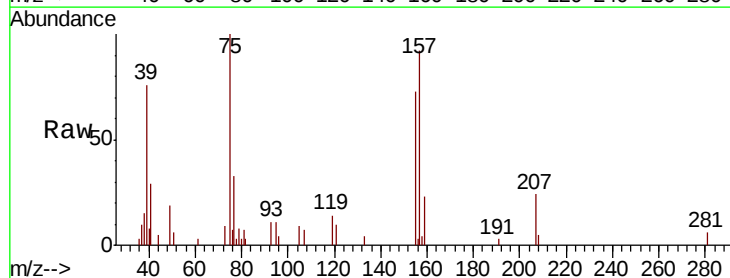
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0414WBSD01

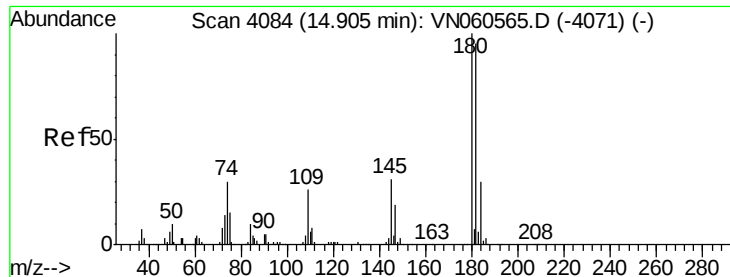
Tot Ion	Ratio	Lower	Upper
146	100		
111	42.4	21.0	63.0
148	64.5	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 19.513 ug/l
 RT: 14.26 min Scan# 3885
 Delta R.T. 0.00 min
 Lab File: VN060929.D
 Acq: 14 Apr 2020 13:37

Tgt Ion	Ratio	Lower	Upper
75	100		
155	71.7	40.7	122.1
157	91.7	51.5	154.7

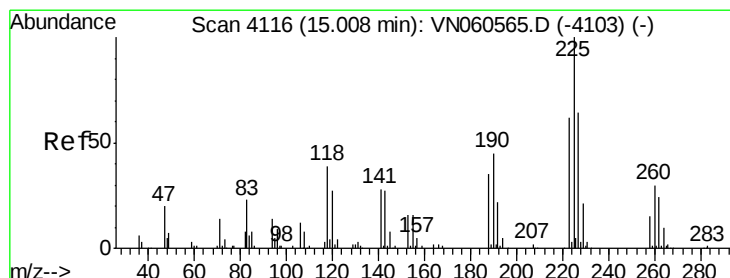
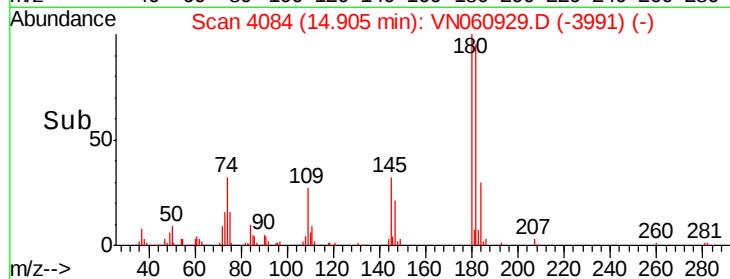
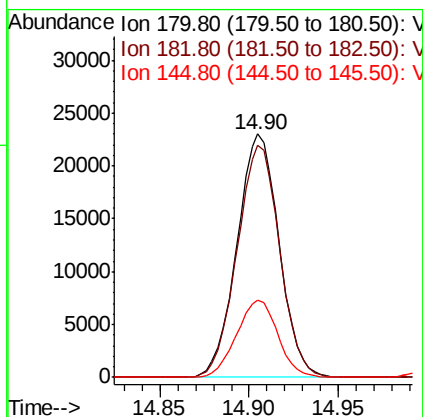
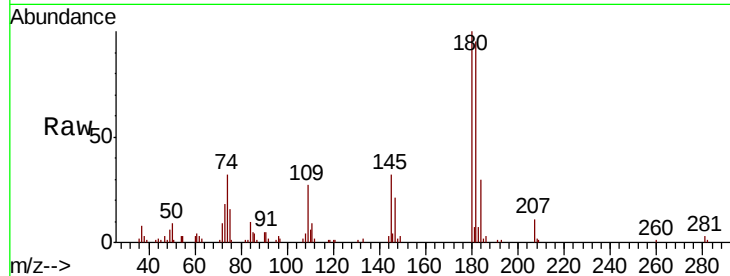




#93
 1,2,4-Trichlorobenzene
 Concen: 20.803 ug/l
 RT: 14.90 min Scan# 4084
 Delta R.T. -0.00 min
 Lab File: VN060929.D
 Acq: 14 Apr 2020 13:37

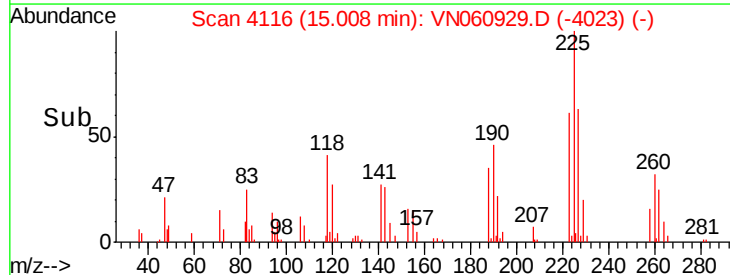
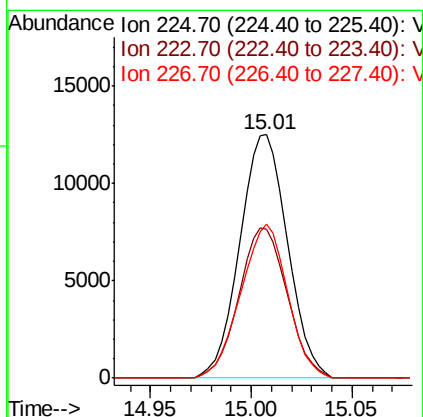
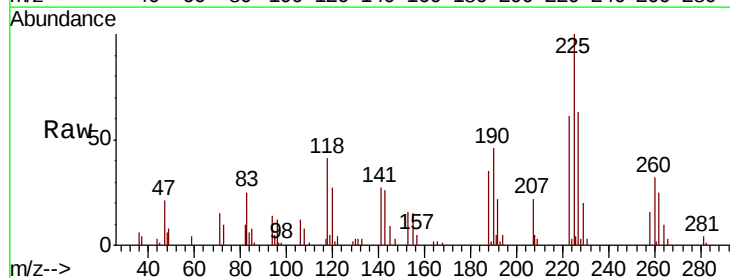
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0414WBSD01

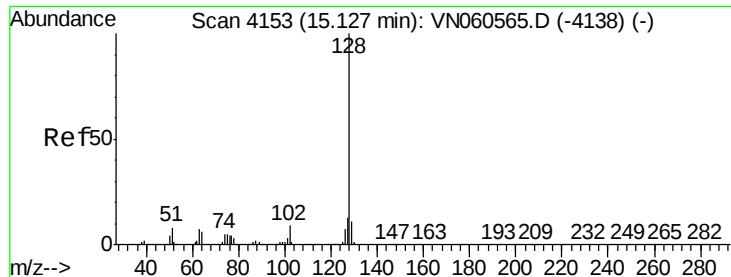
Tot Ion:180 Resp: 37764
 Ion Ratio Lower Upper
 180 100
 182 96.1 47.9 143.8
 145 31.1 15.4 46.2



#94
 Hexachlorobutadiene
 Concen: 23.305 ug/l
 RT: 15.01 min Scan# 4116
 Delta R.T. -0.00 min
 Lab File: VN060929.D
 Acq: 14 Apr 2020 13:37

Tgt Ion:225 Resp: 20739
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.6 95.0
 227 61.9 32.3 96.8

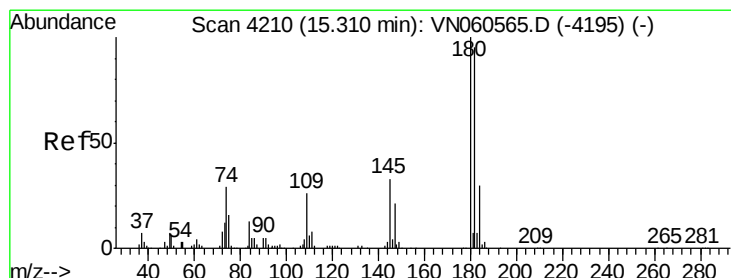
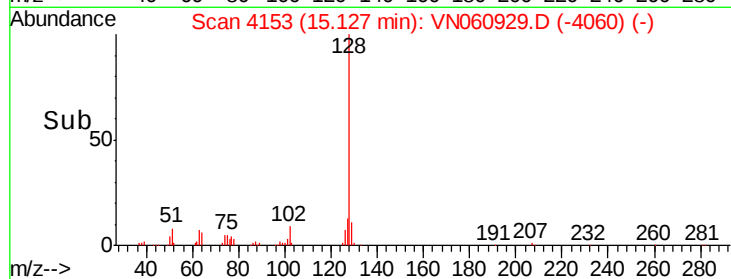
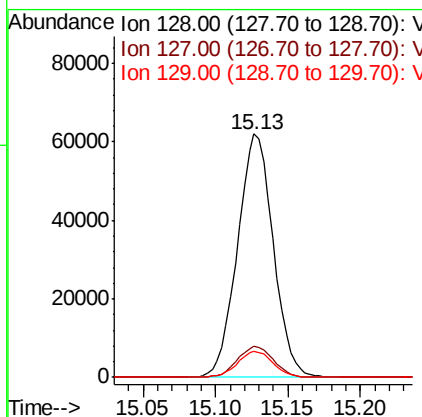
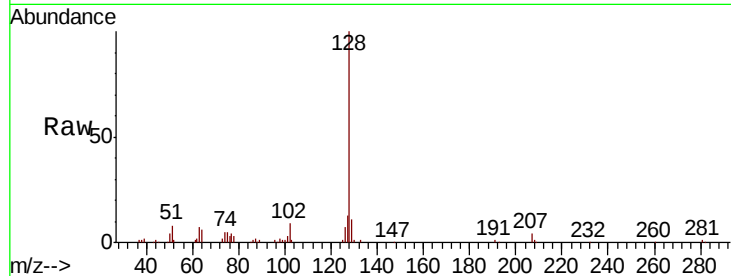




#95
Naphthalene
Concen: 19.451 ug/l
RT: 15.13 min Scan# 4153
Delta R.T. -0.00 min
Lab File: VN060929.D
Acq: 14 Apr 2020 13:37

Instrument :
MSVOA_N
ClientSampleId :
VN0414WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.2
129	10.8	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 20.793 ug/l
RT: 15.31 min Scan# 4210
Delta R.T. -0.00 min
Lab File: VN060929.D
Acq: 14 Apr 2020 13:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.5	142.6
145	33.1	16.3	48.8

