

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042720\
 Data File : VN061156.D
 Acq On : 27 Apr 2020 18:44
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN042720

Quant Time: Apr 28 02:22:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 28 02:20:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	129921	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	225231	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	208764	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	101477	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	99665	48.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.96%	
35) Dibromofluoromethane	7.55	113	66703	50.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.16%	
50) Toluene-d8	10.06	98	270254	49.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.56%	
62) 4-Bromofluorobenzene	12.38	95	102206	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	70109	50.888	ug/l	100
3) Chloromethane	2.03	50	80070	47.987	ug/l	100
4) Vinyl Chloride	2.16	62	91855	48.468	ug/l	99
5) Bromomethane	2.54	94	43939	46.903	ug/l	100
6) Chloroethane	2.67	64	56890	47.360	ug/l	98
7) Trichlorofluoromethane	2.98	101	103065	48.202	ug/l	99
8) Diethyl Ether	3.37	74	45130	50.603	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	65338	47.433	ug/l	100
10) Methyl Iodide	3.91	142	88564	50.029	ug/l	99
11) Tert butyl alcohol	4.73	59	67888	246.522	ug/l	99
12) 1,1-Dichloroethene	3.70	96	65552	47.821	ug/l	99
13) Acrolein	3.56	56	40545	220.934	ug/l	98
14) Allyl chloride	4.27	41	136656	53.767	ug/l	100
15) Acrylonitrile	4.93	53	210719	249.267	ug/l	99
16) Acetone	3.77	43	185020	232.322	ug/l	99
17) Carbon Disulfide	4.01	76	188460	49.771	ug/l	99
18) Methyl Acetate	4.27	43	119801	46.218	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	252101	48.130	ug/l	99
20) Methylene Chloride	4.50	84	75631	47.181	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	73767	49.420	ug/l	97
22) Diisopropyl ether	5.90	45	289603	49.136	ug/l	99
23) Vinyl Acetate	5.84	43	1198893	252.630	ug/l	100
24) 1,1-Dichloroethane	5.80	63	146778	47.664	ug/l	99
25) 2-Butanone	6.78	43	299971	246.595	ug/l	99
26) 2,2-Dichloropropane	6.77	77	123465	47.600	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	84969	48.508	ug/l	99
28) Bromochloromethane	7.15	49	65403	44.809	ug/l	99
29) Tetrahydrofuran	7.16	42	206646	252.183	ug/l	99
30) Chloroform	7.33	83	147593	47.295	ug/l	99
31) Cyclohexane	7.61	56	139388	46.608	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	130347	47.966	ug/l	100
36) 1,1-Dichloropropene	7.75	75	110626	49.065	ug/l	100
37) Ethyl Acetate	6.88	43	128834	48.741	ug/l	99
38) Carbon Tetrachloride	7.73	117	96270	53.393	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	126334	47.188	ug/l	100
40) Benzene	8.00	78	324328	48.283	ug/l	99
41) Methacrylonitrile	7.12	41	52028	47.408	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	124077	48.759	ug/l	99
43) Isopropyl Acetate	8.13	43	218216	49.745	ug/l	99
44) Trichloroethene	8.80	130	86628	47.706	ug/l	99
45) 1,2-Dichloropropane	9.08	63	84782	47.244	ug/l	98
46) Dibromomethane	9.17	93	55605	50.043	ug/l	99
47) Bromodichloromethane	9.37	83	119077	49.928	ug/l	99
48) Methyl methacrylate	9.17	41	98848	49.935	ug/l	97
49) 1,4-Dioxane	9.16	88	19905	885.849	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	656248	254.153	ug/l	100
52) Toluene	10.12	92	201567	49.819	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	135234	50.323	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	141433	49.782	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	77837	48.231	ug/l	99
56) Ethyl methacrylate	10.40	69	129221	46.171	ug/l	99
57) 1,3-Dichloropropane	10.68	76	141802	49.988	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	325802	249.407	ug/l	100
59) 2-Hexanone	10.72	43	484335	257.827	ug/l	100
60) Dibromochloromethane	10.87	129	84206	49.819	ug/l	99
61) 1,2-Dibromoethane	10.98	107	81463	50.363	ug/l	100
64) Tetrachloroethene	10.60	164	87826	48.573	ug/l	99
65) Chlorobenzene	11.41	112	205141	49.537	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	75202	50.738	ug/l	99
67) Ethyl Benzene	11.48	91	392945	50.688	ug/l	99
68) m/p-Xylenes	11.60	106	287267	101.238	ug/l	98
69) o-Xylene	11.92	106	138485	50.808	ug/l	98
70) Styrene	11.94	104	239445	52.488	ug/l	100
71) Bromoform	12.10	173	57865	53.121	ug/l #	99
73) Isopropylbenzene	12.22	105	376408	50.456	ug/l	99
74) N-amyl acetate	12.04	43	197767	52.352	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	116101	49.911	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	162965	76.173	ug/l #	100
77) Bromobenzene	12.50	156	85574	49.691	ug/l	98
78) n-propylbenzene	12.57	91	448403	50.676	ug/l	100
79) 2-Chlorotoluene	12.65	91	261286	50.239	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	315623	51.118	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	43376	51.487	ug/l	99
82) 4-Chlorotoluene	12.75	91	276348	50.414	ug/l	100
83) tert-Butylbenzene	12.97	119	265905	51.074	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	321547	50.547	ug/l	100
85) sec-Butylbenzene	13.15	105	367394	51.759	ug/l	100
86) p-Isopropyltoluene	13.26	119	329215	51.478	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	157440	49.661	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	158566	48.952	ug/l	99
89) n-Butylbenzene	13.59	91	303786	51.815	ug/l	99
90) Hexachloroethane	13.85	117	30340	46.172	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	149661	49.234	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.25	75	26026	52.976	ug/l	99

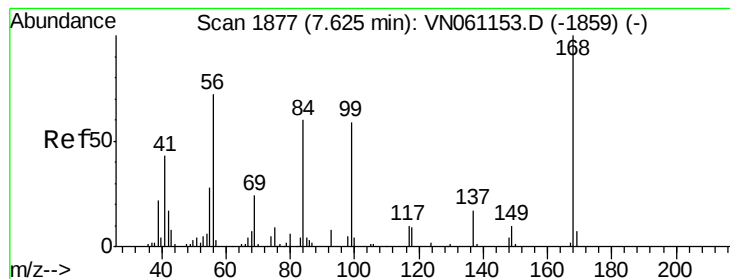
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042720\
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QLast Update : Tue Apr 28 02:20:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	94869	51.251	ug/l	100
94) Hexachlorobutadiene	14.98	225	39165	50.645	ug/l	100
95) Naphthalene	15.10	128	313115	51.940	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	92350	50.532	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VN061156.D

Acq: 27 Apr 2020 18:44

Instrument :

MSVOA_N

ClientSampleId :

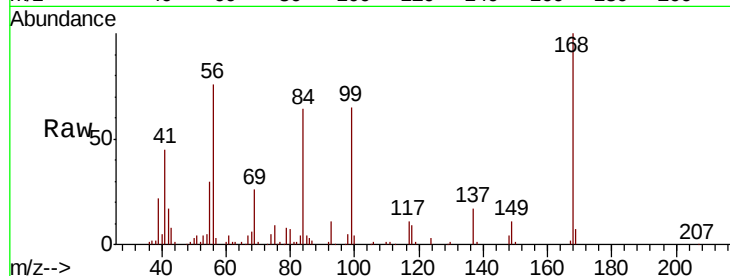
ICVVN042720

Tot Ion:168 Resp: 129921

Ion Ratio Lower Upper

168 100

99 64.7 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

60000

50000

40000

30000

20000

10000

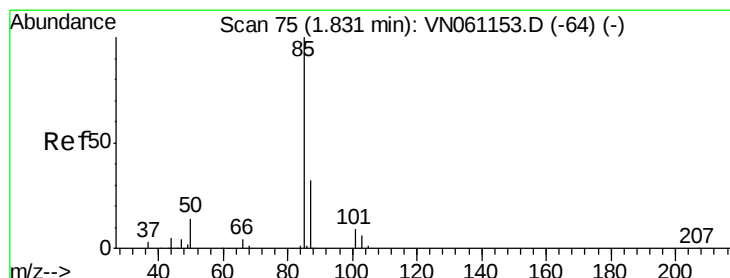
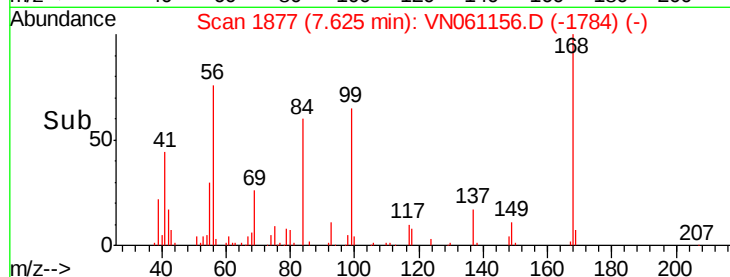
0

7.50

7.60

7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 50.888 ug/l

RT: 1.83 min Scan# 75

Delta R.T. 0.00 min

Lab File: VN061156.D

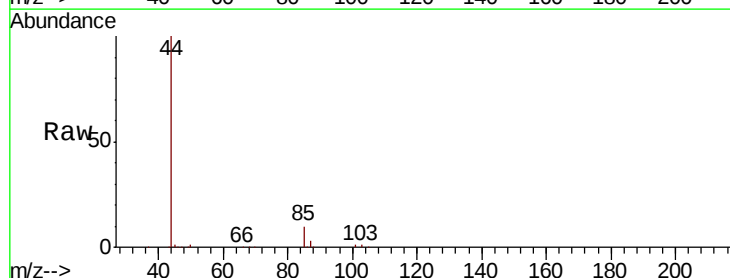
Acq: 27 Apr 2020 18:44

Tgt Ion: 85 Resp: 70109

Ion Ratio Lower Upper

85 100

87 31.8 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

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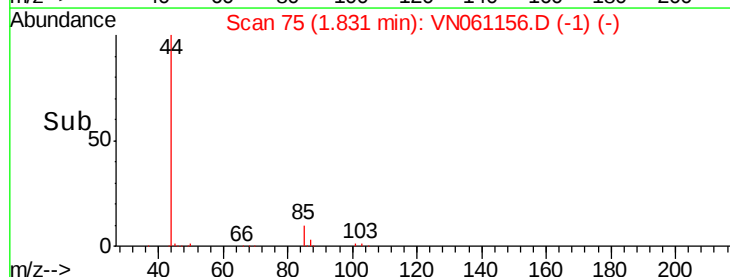
1.75

1.80

1.85

1.90

Time-->





#3

Chloromethane

Concen: 47.987 ug/l

RT: 2.03 min Scan# 137

Delta R.T. 0.00 min

Lab File: VN061156.D

Acq: 27 Apr 2020 18:44

Instrument :

MSVOA_N

ClientSampleId :

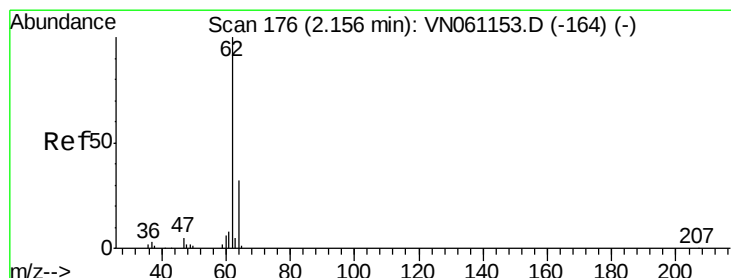
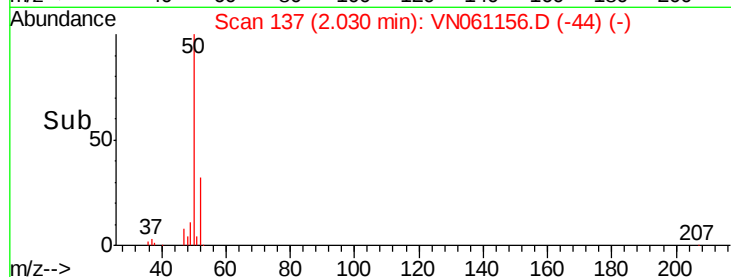
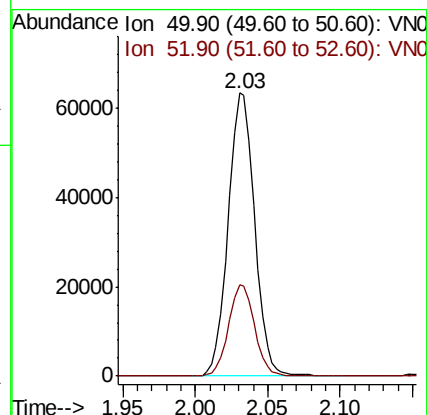
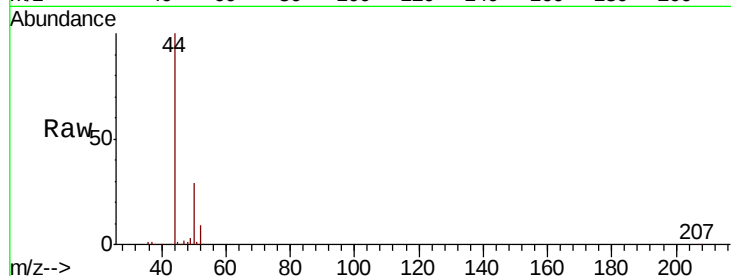
ICVVN042720

Tot Ion: 50 Resp: 80070

Ion Ratio Lower Upper

50 100

52 32.4 26.0 39.0



#4

Vinyl Chloride

Concen: 48.468 ug/l

RT: 2.16 min Scan# 176

Delta R.T. 0.00 min

Lab File: VN061156.D

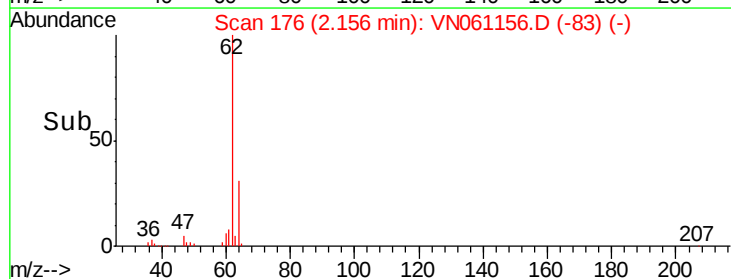
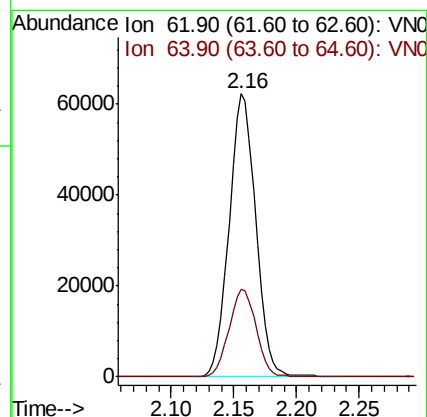
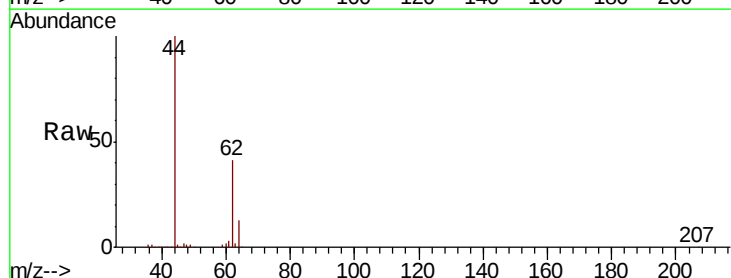
Acq: 27 Apr 2020 18:44

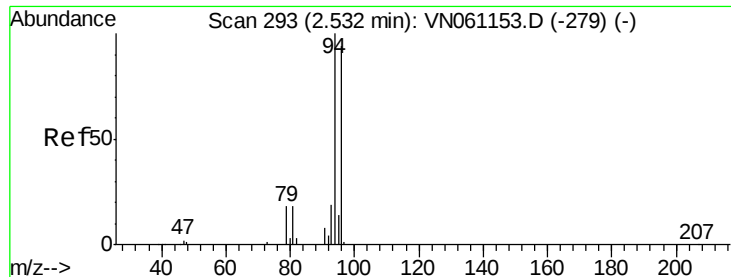
Tgt Ion: 62 Resp: 91855

Ion Ratio Lower Upper

62 100

64 30.9 25.2 37.8





#5

Bromomethane

Concen: 46.903 ug/l

RT: 2.54 min Scan# 294

Delta R.T. 0.00 min

Lab File: VN061156.D

Acq: 27 Apr 2020 18:44

Instrument :

MSVOA_N

ClientSampleId :

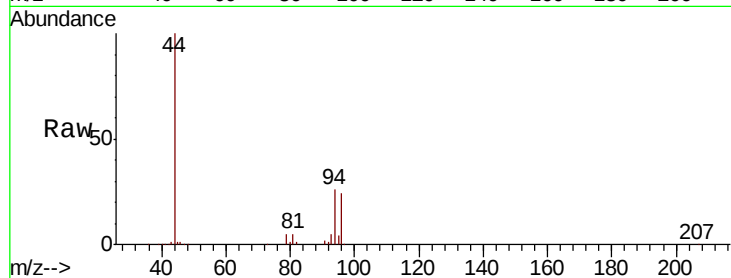
ICVVN042720

Tot Ion: 94 Resp: 43939

Ion Ratio Lower Upper

94 100

96 93.5 75.1 112.7



Abundance Ion 93.90 (93.60 to 94.60): VN061156.D (-200) (-)

Ion 95.90 (95.60 to 96.60): VN061156.D (-200) (-)

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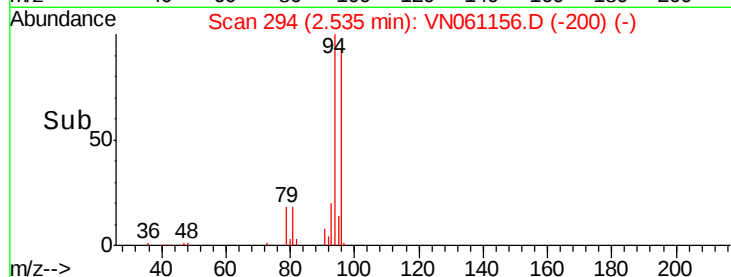
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2.54

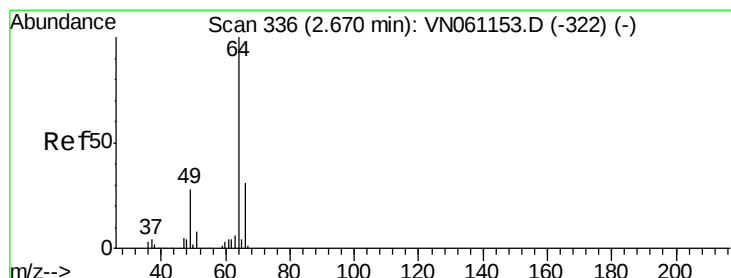
2.54

2.54

2.54



Time-->



#6

Chloroethane

Concen: 47.360 ug/l

RT: 2.67 min Scan# 336

Delta R.T. 0.00 min

Lab File: VN061156.D

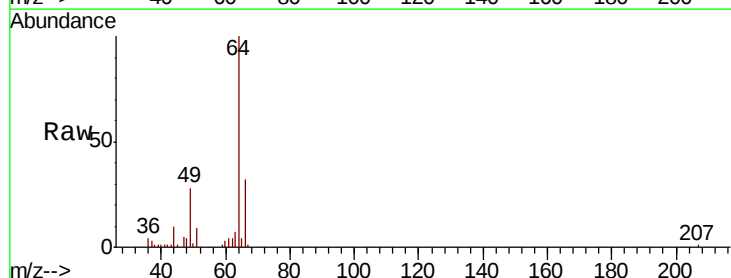
Acq: 27 Apr 2020 18:44

Tgt Ion: 64 Resp: 56890

Ion Ratio Lower Upper

64 100

66 32.0 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VN061156.D (-243) (-)

Ion 65.90 (65.60 to 66.60): VN061156.D (-243) (-)

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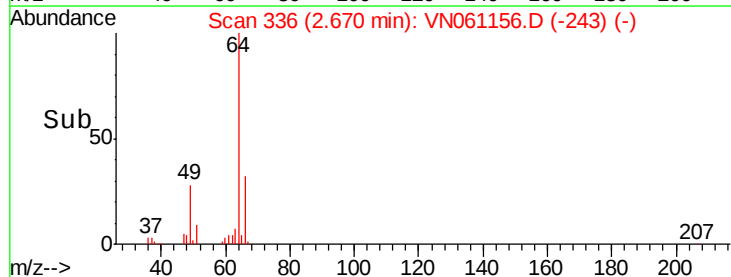
2.67

2.67

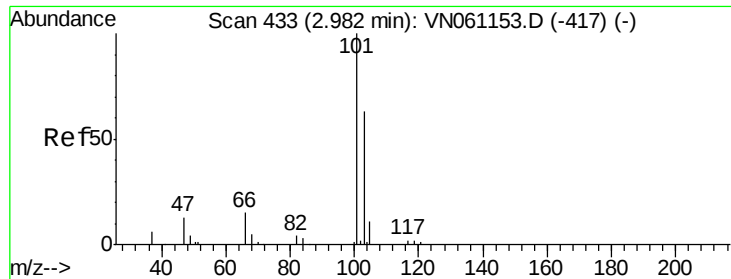
2.67

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Time-->

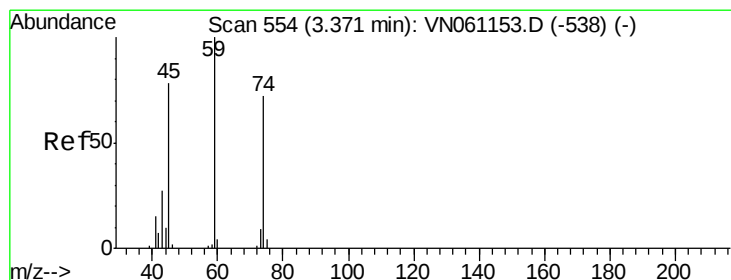
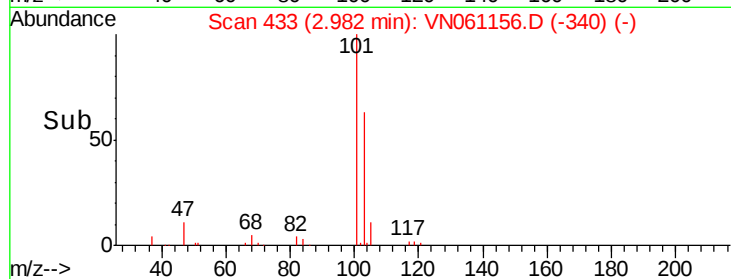
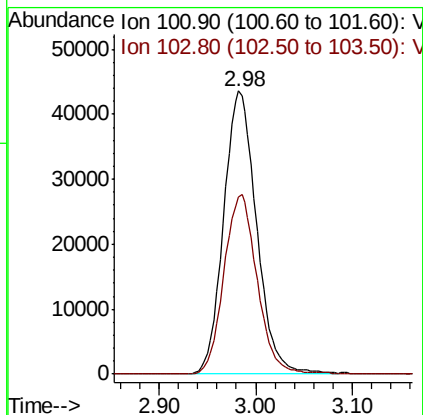
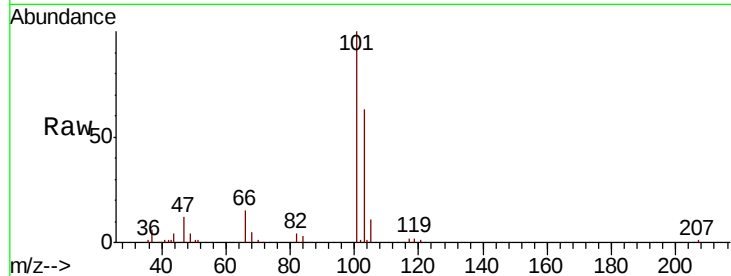


#7

Trichlorofluoromethane
 Concen: 48.202 ug/l
 RT: 2.98 min Scan# 433
 Delta R.T. 0.00 min
 Lab File: VN061156.D
 Acq: 27 Apr 2020 18:44

Instrument :
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 ICVVN042720

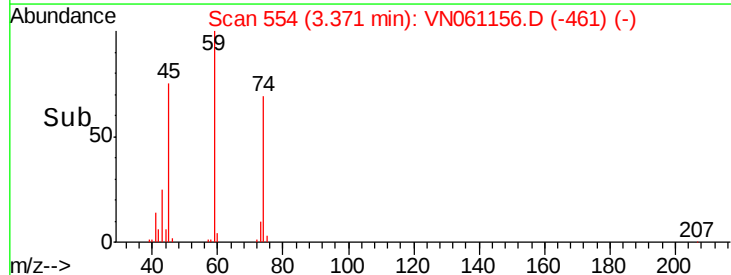
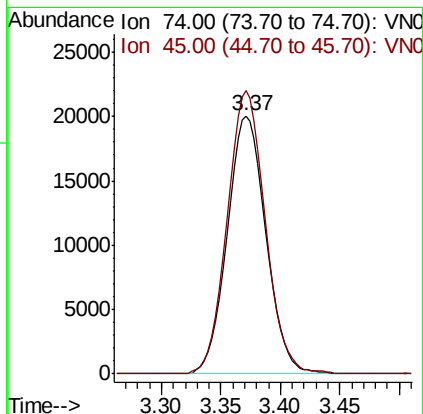
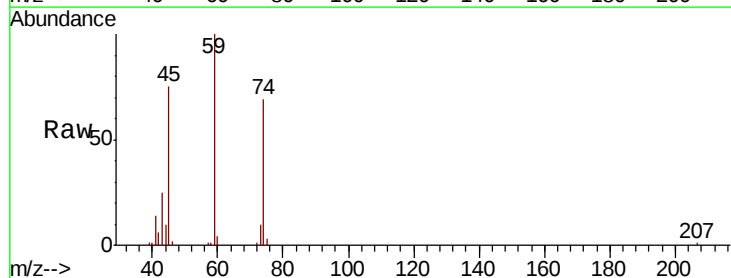
Tot Ion:101 Resp: 103065
 Ion Ratio Lower Upper
 101 100
 103 62.7 50.6 76.0



#8

Diethyl Ether
 Concen: 50.603 ug/l
 RT: 3.37 min Scan# 554
 Delta R.T. 0.00 min
 Lab File: VN061156.D
 Acq: 27 Apr 2020 18:44

Tgt Ion: 74 Resp: 45130
 Ion Ratio Lower Upper
 74 100
 45 108.0 53.3 160.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.433 ug/l

RT: 3.71 min Scan# 660

Delta R.T. -0.00 min

Lab File: VN061156.D

Acq: 27 Apr 2020 18:44

Instrument :

MSVOA_N

ClientSampleId :

ICVVN042720

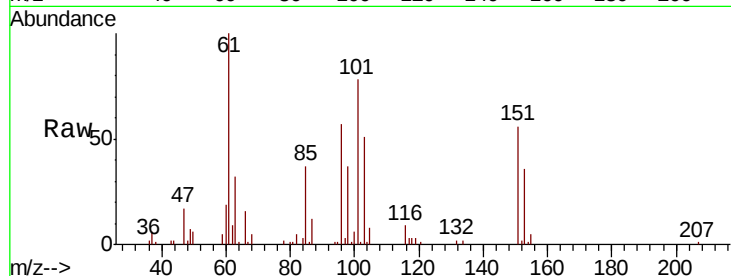
Tot Ion:101 Resp: 65338

Ion Ratio Lower Upper

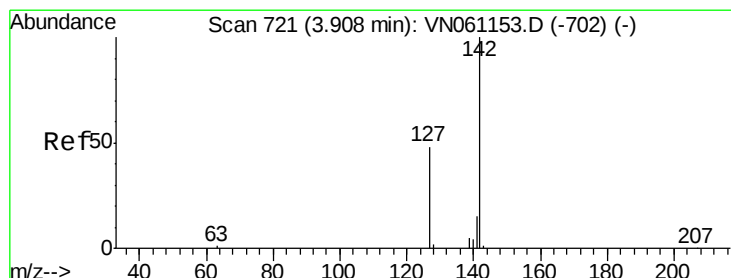
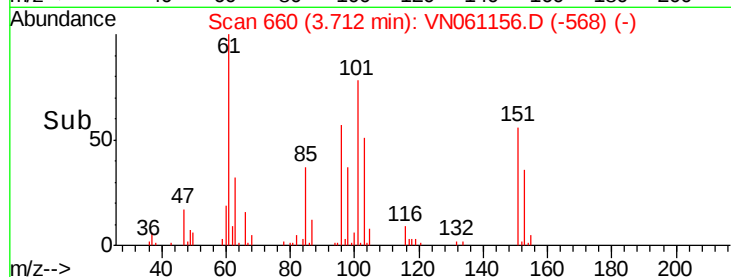
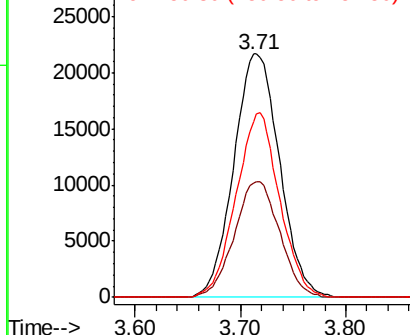
101 100

85 47.0 37.2 55.8

151 72.1 57.7 86.5



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 50.029 ug/l

RT: 3.91 min Scan# 721

Delta R.T. 0.00 min

Lab File: VN061156.D

Acq: 27 Apr 2020 18:44

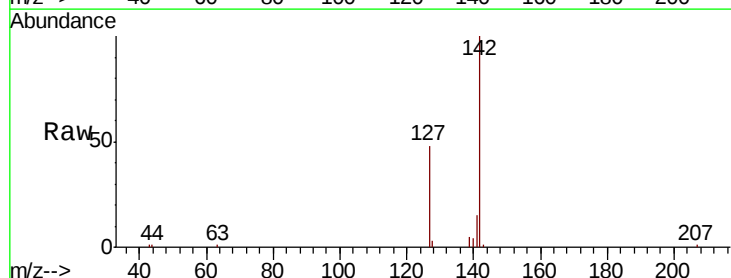
Tgt Ion:142 Resp: 88564

Ion Ratio Lower Upper

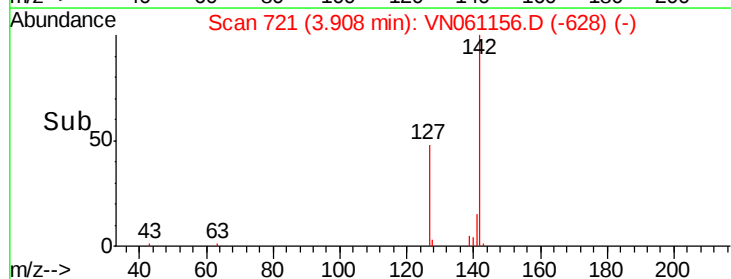
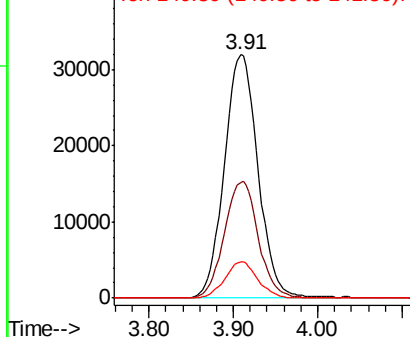
142 100

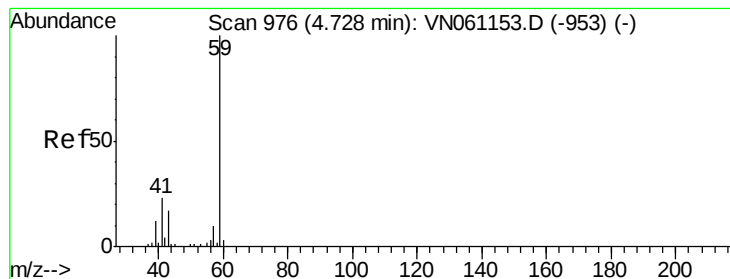
127 48.1 38.0 57.0

141 14.4 11.7 17.5



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



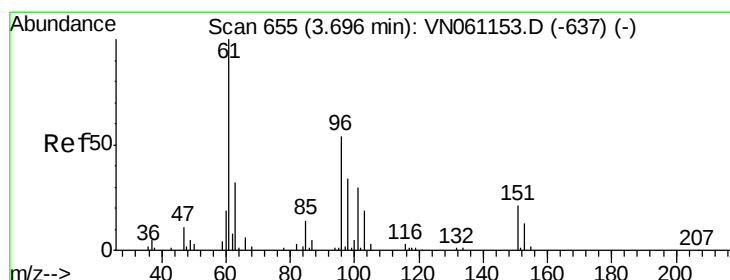
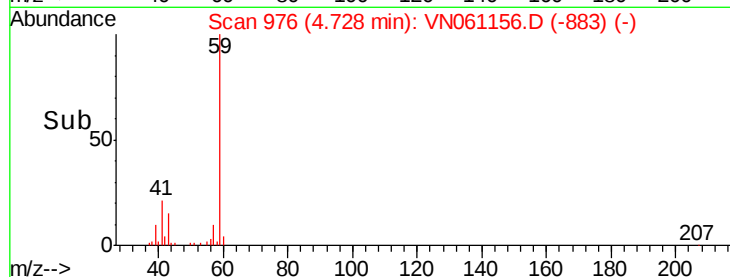
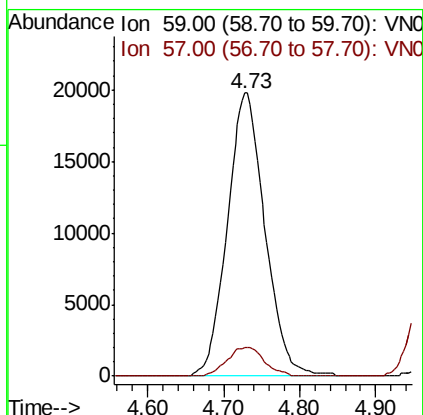
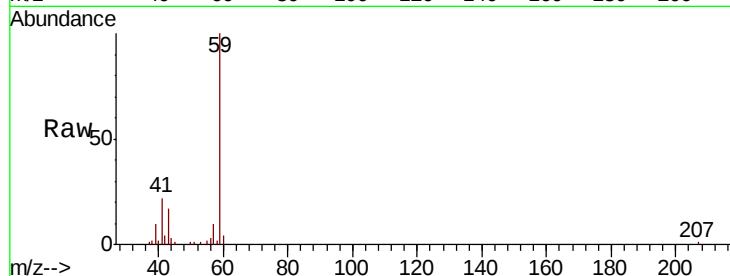


#11

Tert butyl alcohol
Concen: 246.522 ug/l
RT: 4.73 min Scan# 976
Delta R.T. 0.00 min
Lab File: VN061156.D
Acq: 27 Apr 2020 18:44

Instrument :
MSVOA_N
ClientSampleId :
ICVVN042720

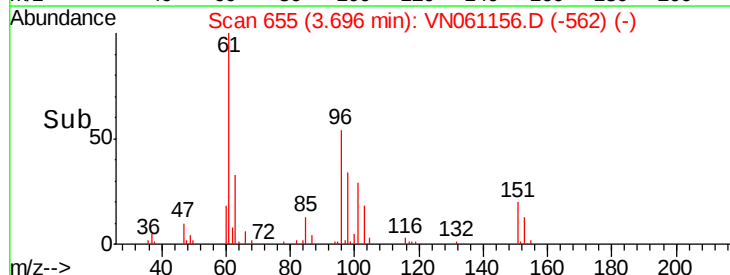
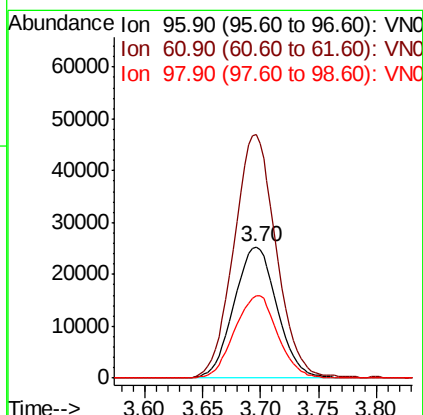
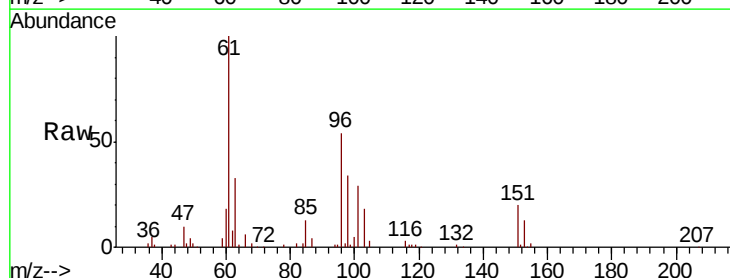
Tot Ion: 59 Resp: 67888
Ion Ratio Lower Upper
59 100
57 10.1 8.3 12.5

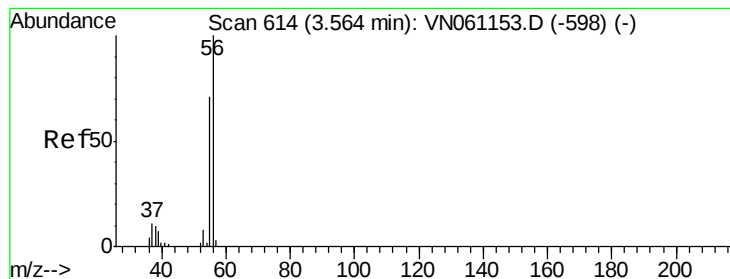


#12

1,1-Dichloroethene
Concen: 47.821 ug/l
RT: 3.70 min Scan# 655
Delta R.T. 0.00 min
Lab File: VN061156.D
Acq: 27 Apr 2020 18:44

Tgt Ion: 96 Resp: 65552
Ion Ratio Lower Upper
96 100
61 185.3 147.0 220.6
98 63.0 49.8 74.6





#13

Acrolein

Concen: 220.934 ug/l

RT: 3.56 min Scan# 614

Delta R.T. 0.00 min

Lab File: VN061156.D

Acq: 27 Apr 2020 18:44

Instrument :

MSVOA_N

ClientSampleId :

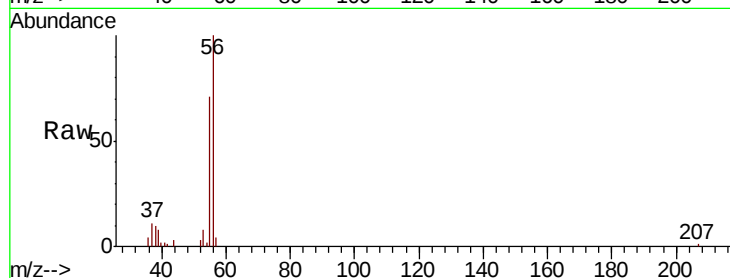
ICVVN042720

Tot Ion: 56 Resp: 40545

Ion Ratio Lower Upper

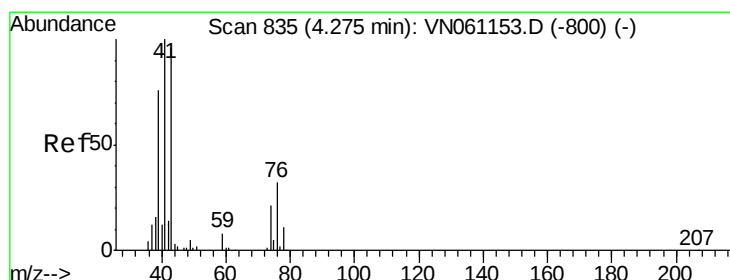
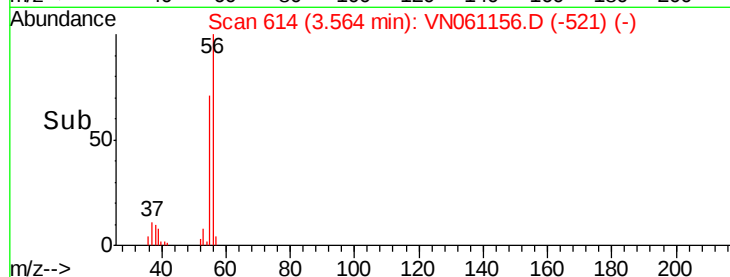
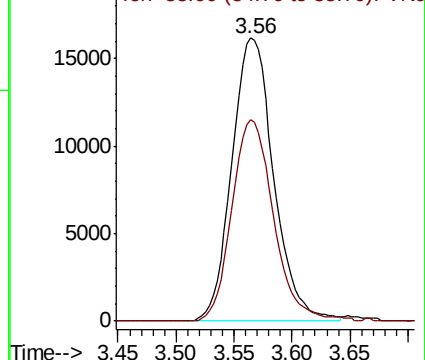
56 100

55 71.0 58.5 87.7



Abundance Ion 56.00 (55.70 to 56.70): VN0

Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 53.767 ug/l

RT: 4.27 min Scan# 835

Delta R.T. 0.00 min

Lab File: VN061156.D

Acq: 27 Apr 2020 18:44

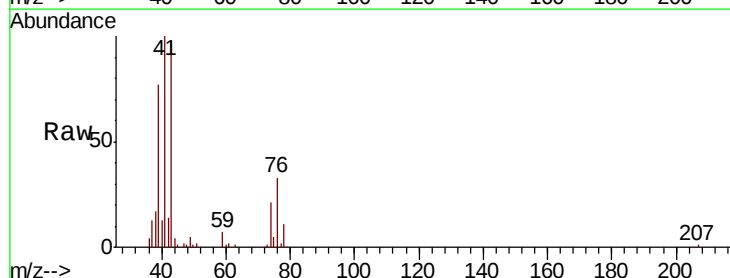
Tgt Ion: 41 Resp: 136656

Ion Ratio Lower Upper

41 100

39 71.2 57.1 85.7

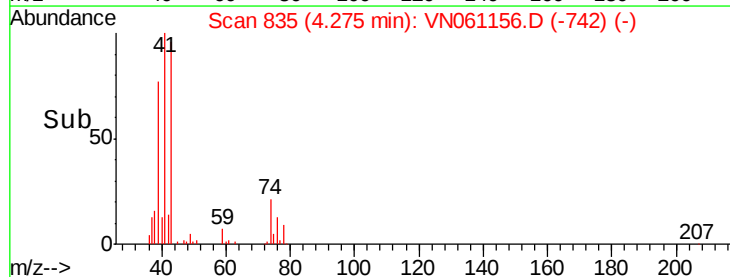
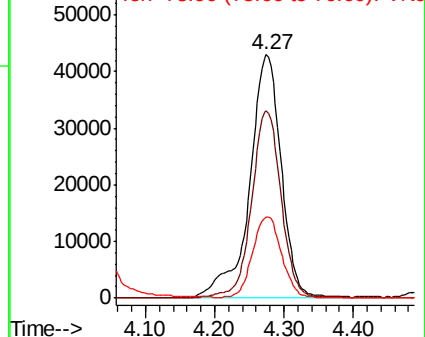
76 30.6 24.3 36.5

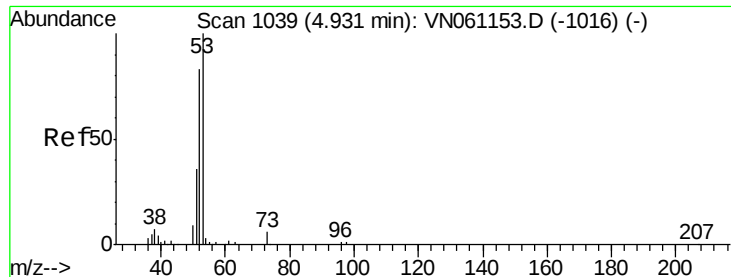


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 249.267 ug/l

RT: 4.93 min Scan# 1038

Delta R.T. -0.00 min

Lab File: VN061156.D

Acq: 27 Apr 2020 18:44

Instrument :

MSVOA_N

ClientSampleId :

ICVVN042720

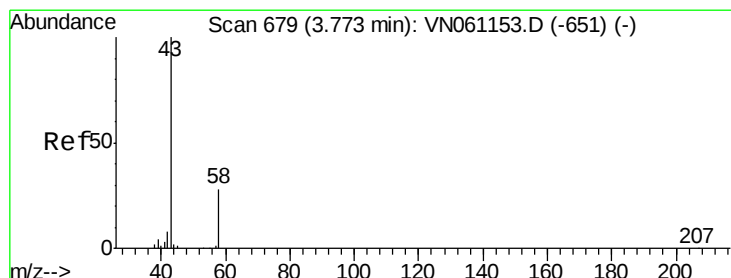
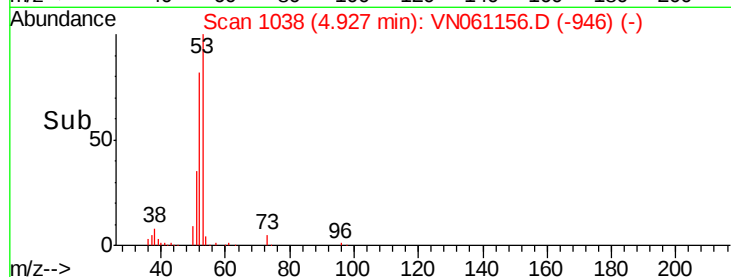
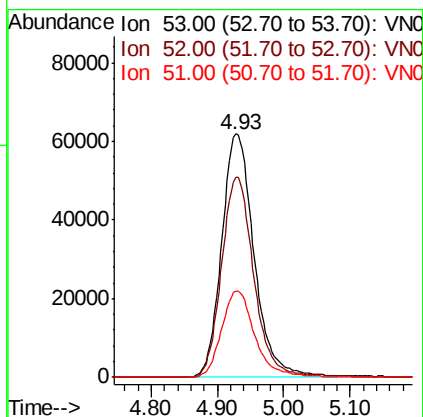
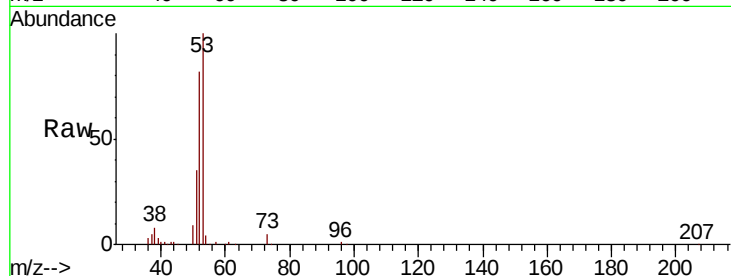
Tot Ion: 53 Resp: 210719

Ion Ratio Lower Upper

53 100

52 82.3 65.4 98.0

51 36.5 29.5 44.3



#16

Acetone

Concen: 232.322 ug/l

RT: 3.77 min Scan# 679

Delta R.T. 0.00 min

Lab File: VN061156.D

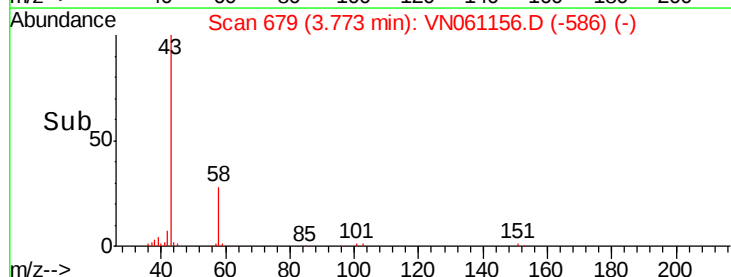
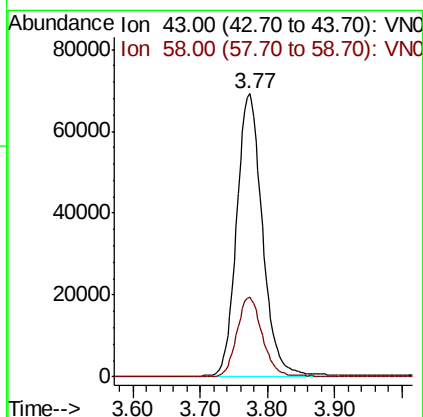
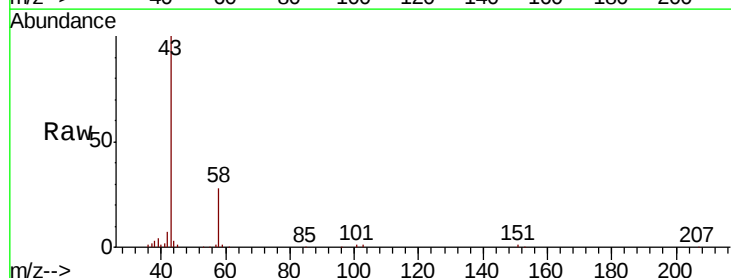
Acq: 27 Apr 2020 18:44

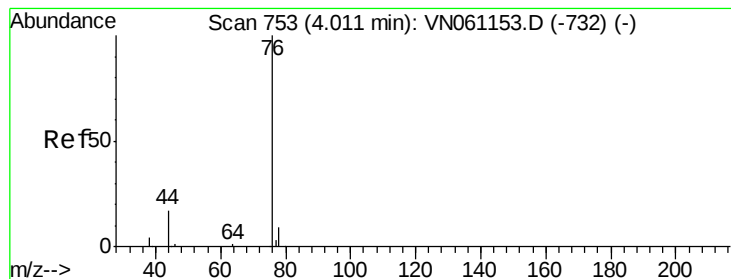
Tgt Ion: 43 Resp: 185020

Ion Ratio Lower Upper

43 100

58 28.0 22.2 33.2





#17

Carbon Disulfide

Concen: 49.771 ug/l

RT: 4.01 min Scan# 753

Delta R.T. 0.00 min

Lab File: VN061156.D

Acq: 27 Apr 2020 18:44

Instrument :

MSVOA_N

ClientSampleId :

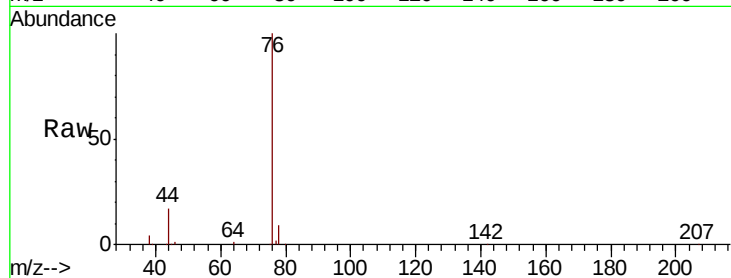
ICVVN042720

Tot Ion: 76 Resp: 188460

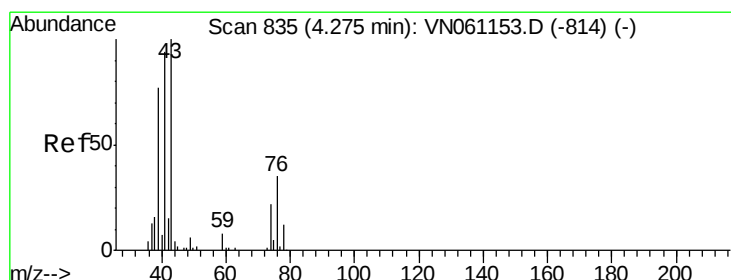
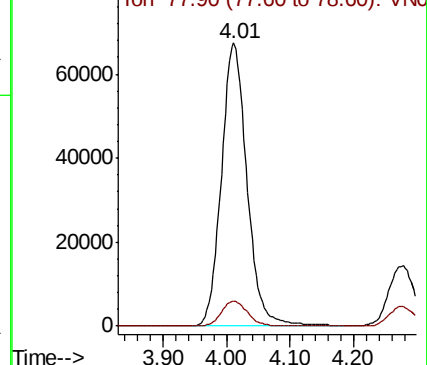
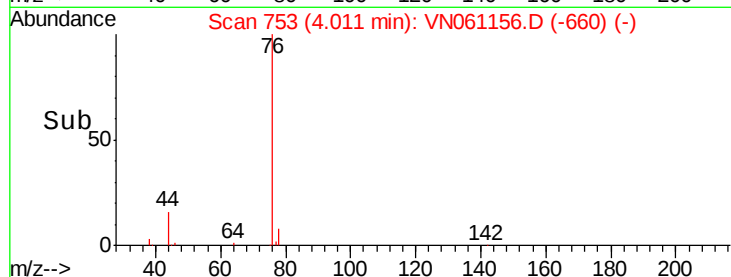
Ion Ratio Lower Upper

76 100

78 8.8 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VN061156.D (-660) (-)



#18

Methyl Acetate

Concen: 46.218 ug/l

RT: 4.27 min Scan# 835

Delta R.T. 0.00 min

Lab File: VN061156.D

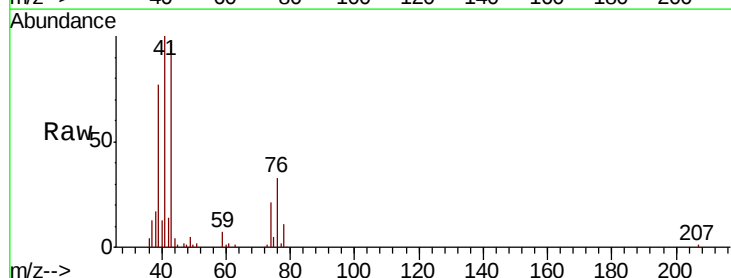
Acq: 27 Apr 2020 18:44

Tgt Ion: 43 Resp: 119801

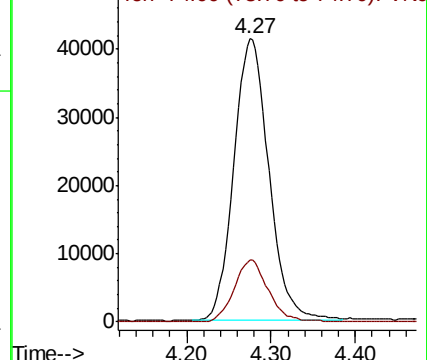
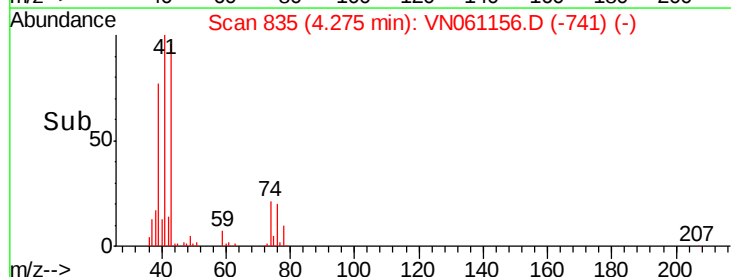
Ion Ratio Lower Upper

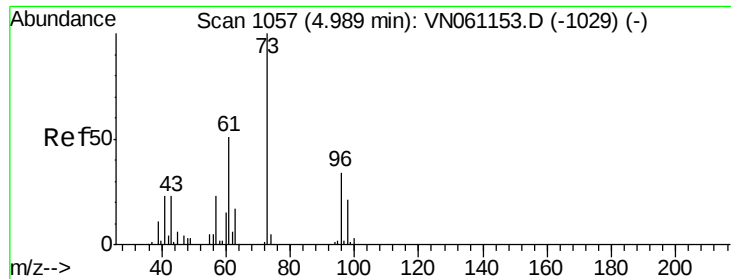
43 100

74 21.3 17.0 25.4



Abundance Ion 43.00 (42.70 to 43.70): VN061156.D (-741) (-)

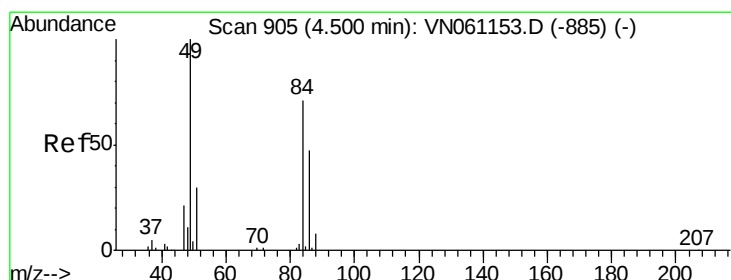
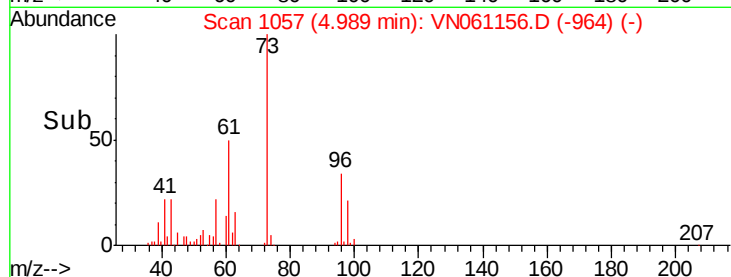
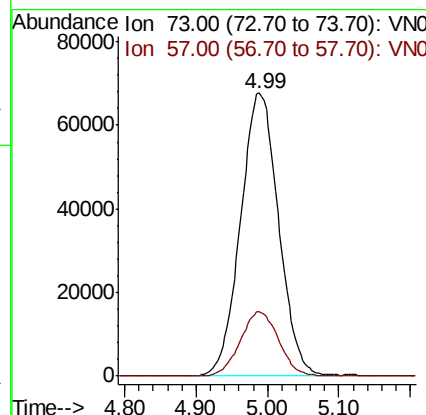
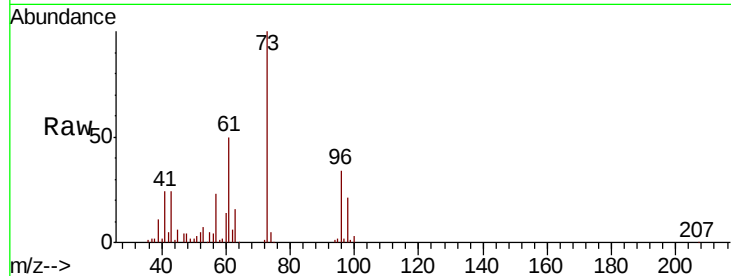




#19
Methyl tert-butyl Ether
Concen: 48.130 ug/l
RT: 4.99 min Scan# 1057
Delta R.T. 0.00 min
Lab File: VN061156.D
Acq: 27 Apr 2020 18:44

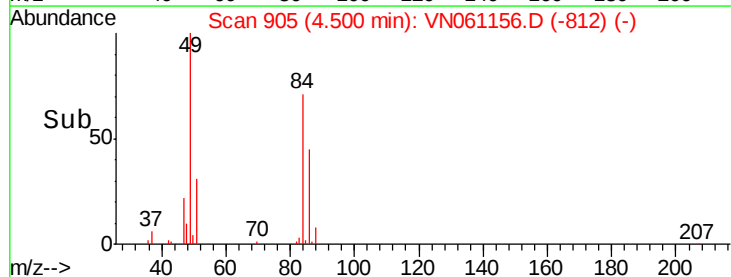
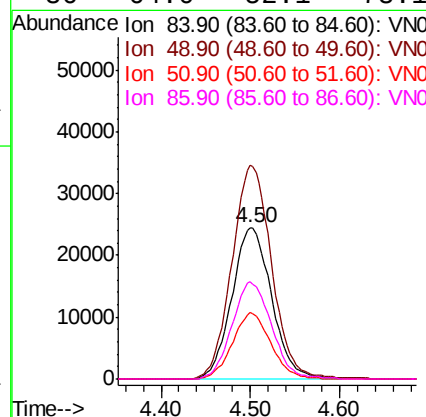
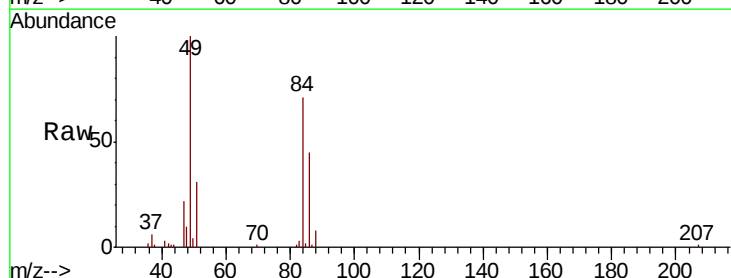
Instrument :
MSVOA_N
ClientSampleId :
ICVVN042720

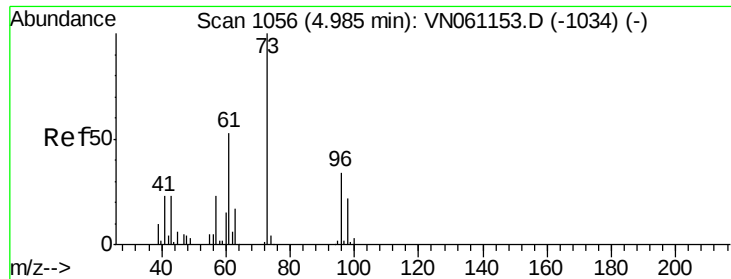
Tot Ion: 73 Resp: 252101
Ion Ratio Lower Upper
73 100
57 22.6 18.3 27.5



#20
Methylene Chloride
Concen: 47.181 ug/l
RT: 4.50 min Scan# 905
Delta R.T. 0.00 min
Lab File: VN061156.D
Acq: 27 Apr 2020 18:44

Tgt Ion: 84 Resp: 75631
Ion Ratio Lower Upper
84 100
49 141.0 112.0 168.0
51 43.6 33.6 50.4
86 64.0 52.1 78.1

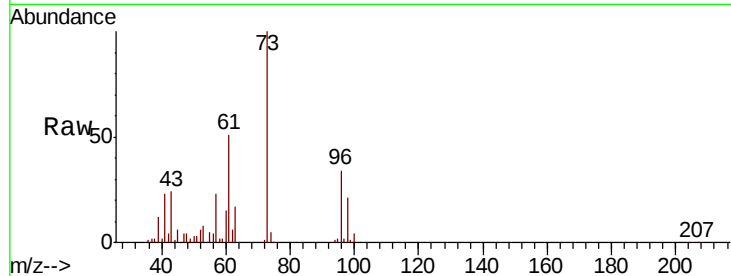




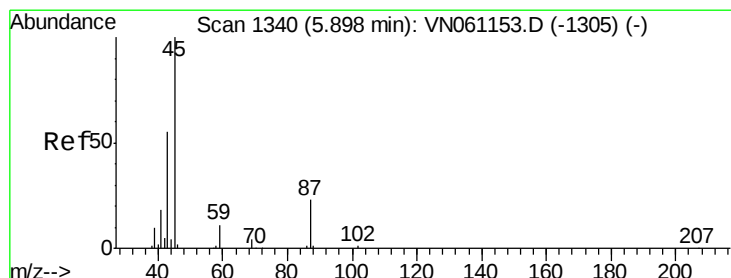
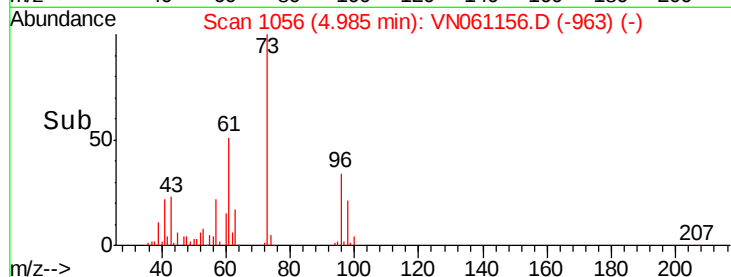
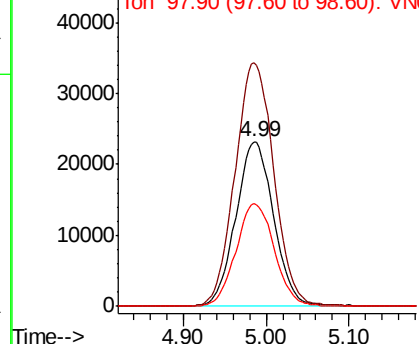
#21
trans-1,2-Dichloroethene
Concen: 49.420 ug/l
RT: 4.99 min Scan# 1056
Delta R.T. 0.00 min
Lab File: VN061156.D
Acq: 27 Apr 2020 18:44

Instrument :
MSVOA_N
ClientSampleId :
ICVVN042720

Tot Ion: 96 Resp: 73767
Ion Ratio Lower Upper
96 100
61 148.2 123.0 184.4
98 62.5 50.1 75.1

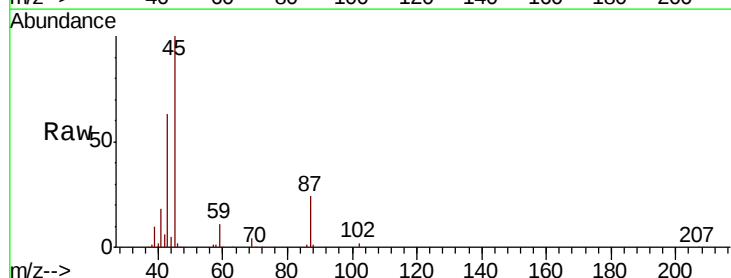


Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0

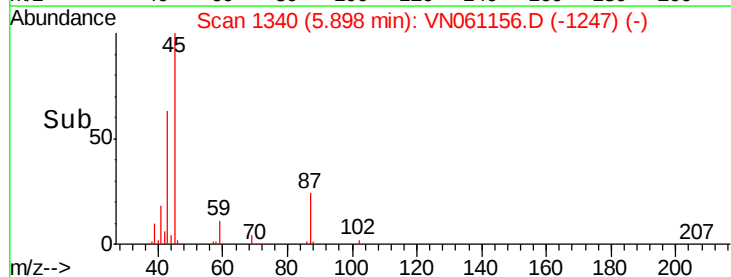
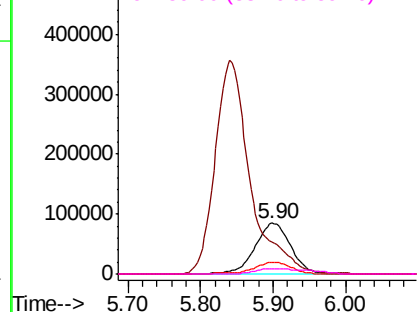


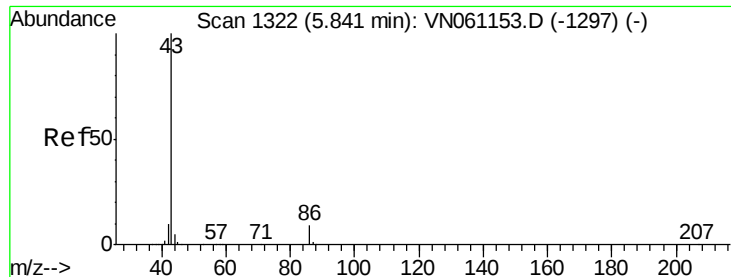
#22
Diisopropyl ether
Concen: 49.136 ug/l
RT: 5.90 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VN061156.D
Acq: 27 Apr 2020 18:44

Tgt Ion: 45 Resp: 289603
Ion Ratio Lower Upper
45 100
43 61.1 47.9 71.9
87 24.1 19.2 28.8
59 10.8 9.0 13.4



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0





#23

Vinyl Acetate

Concen: 252.630 ug/l

RT: 5.84 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VN061156.D

Acq: 27 Apr 2020 18:44

Instrument :

MSVOA_N

ClientSampleId :

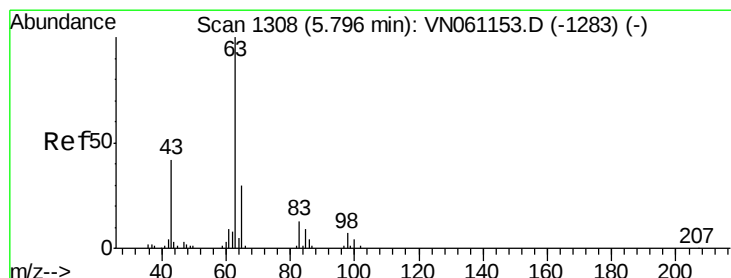
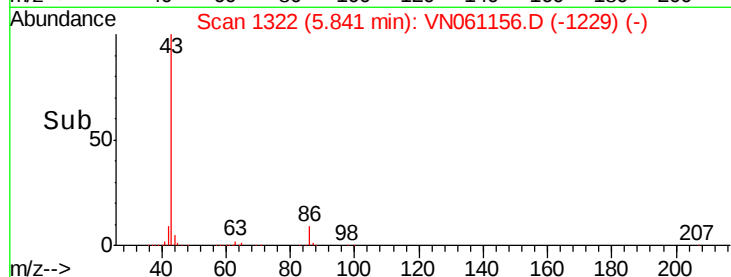
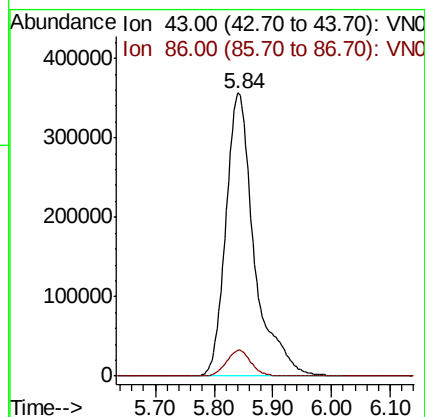
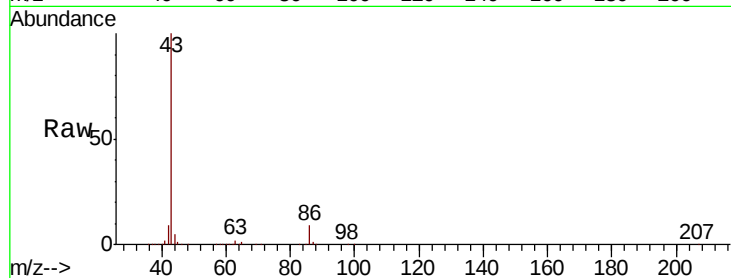
ICVVN042720

Tot Ion: 43 Resp: 1198893

Ion Ratio Lower Upper

43 100

86 9.1 7.2 10.8



#24

1,1-Dichloroethane

Concen: 47.664 ug/l

RT: 5.80 min Scan# 1308

Delta R.T. 0.00 min

Lab File: VN061156.D

Acq: 27 Apr 2020 18:44

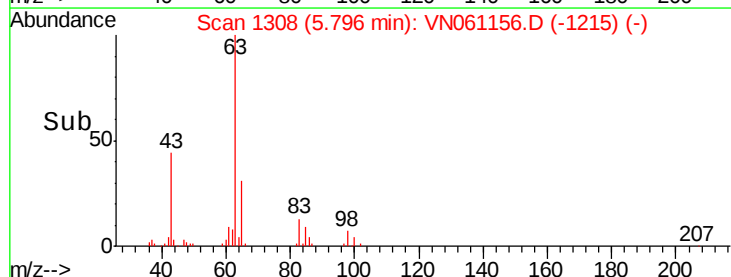
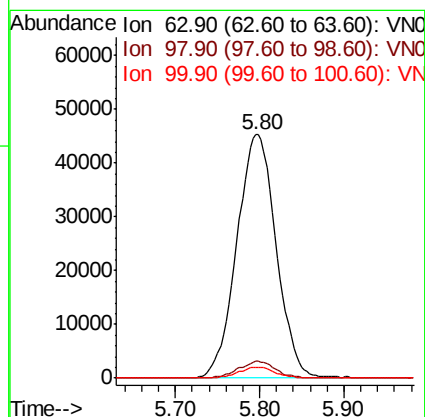
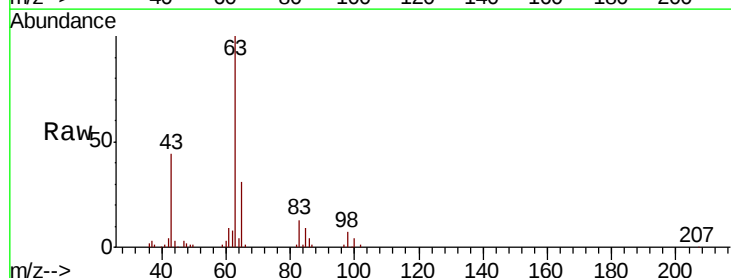
Tgt Ion: 63 Resp: 146778

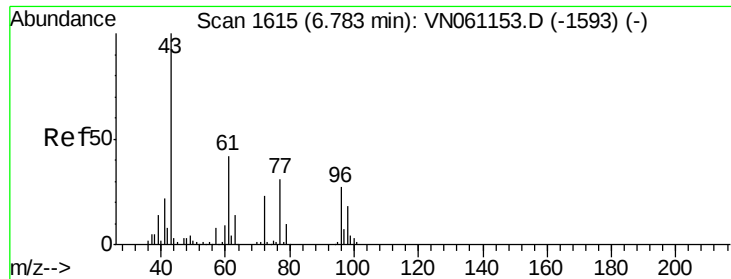
Ion Ratio Lower Upper

63 100

98 6.9 3.3 9.9

100 4.4 1.9 5.7

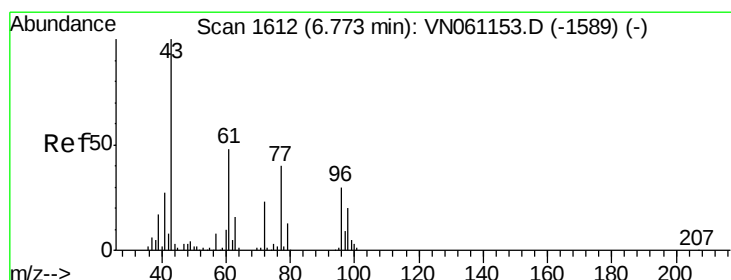
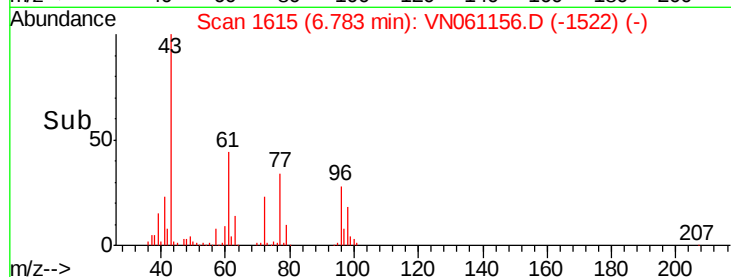
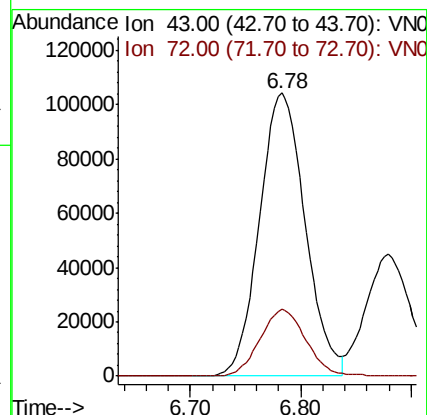
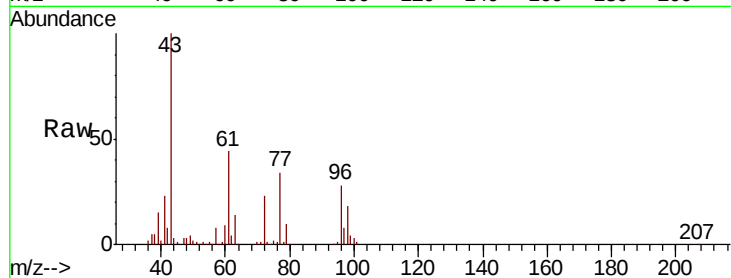




#25
2-Butanone
Concen: 246.595 ug/l
RT: 6.78 min Scan# 1615
Delta R.T. 0.00 min
Lab File: VN061156.D
Acq: 27 Apr 2020 18:44

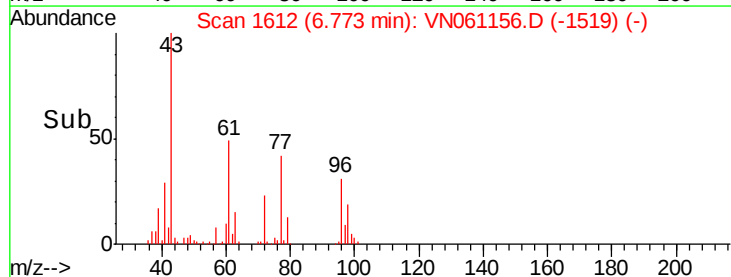
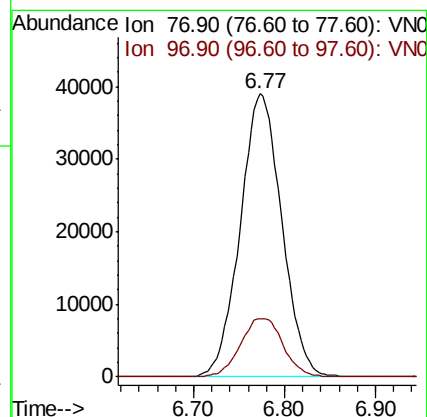
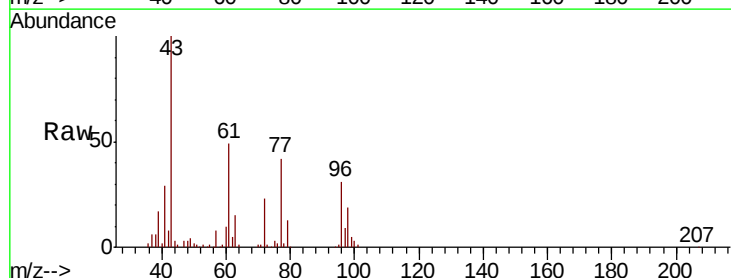
Instrument :
MSVOA_N
ClientSampleId :
ICVVN042720

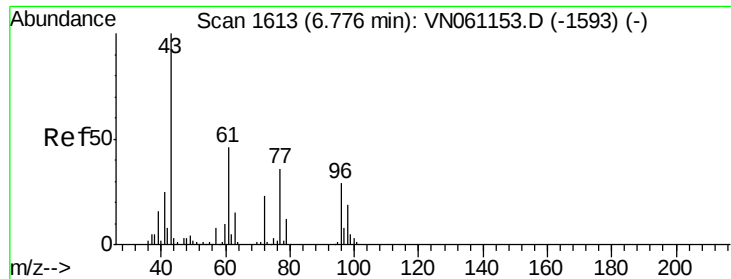
Tot Ion: 43 Resp: 299971
Ion Ratio Lower Upper
43 100
72 23.5 18.2 27.4



#26
2,2-Dichloropropane
Concen: 47.600 ug/l
RT: 6.77 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VN061156.D
Acq: 27 Apr 2020 18:44

Tgt Ion: 77 Resp: 123465
Ion Ratio Lower Upper
77 100
97 21.2 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 48.508 ug/l

RT: 6.78 min Scan# 1614

Delta R.T. 0.00 min

Lab File: VN061156.D

Acq: 27 Apr 2020 18:44

Instrument :

MSVOA_N

ClientSampleId :

ICVVN042720

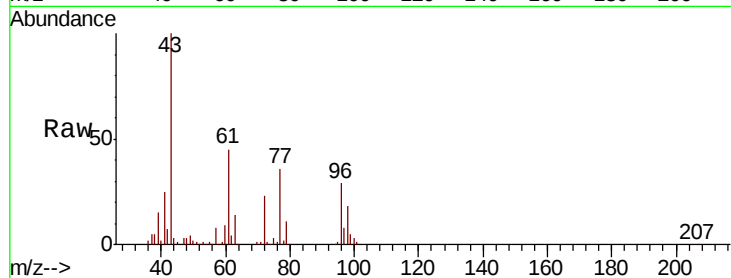
Tot Ion: 96 Resp: 84969

Ion Ratio Lower Upper

96 100

61 160.6 0.0 322.0

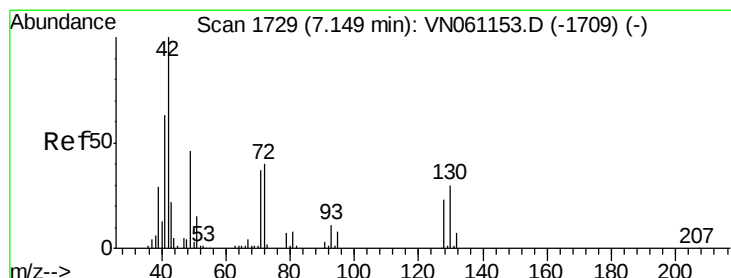
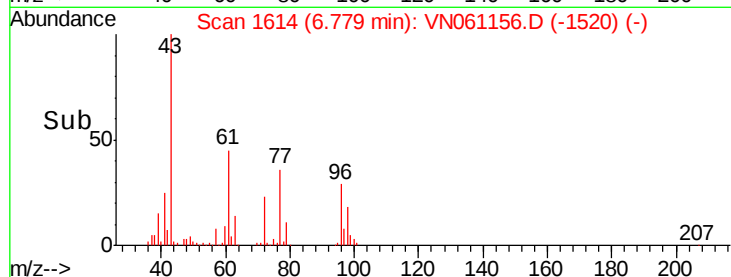
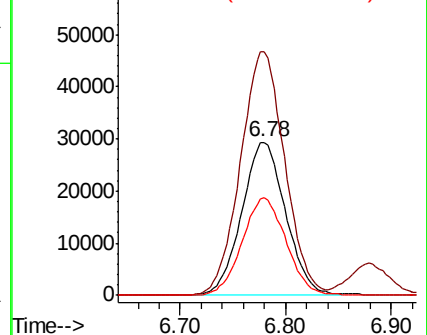
98 63.8 0.0 129.6



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: 44.809 ug/l

RT: 7.15 min Scan# 1730

Delta R.T. 0.00 min

Lab File: VN061156.D

Acq: 27 Apr 2020 18:44

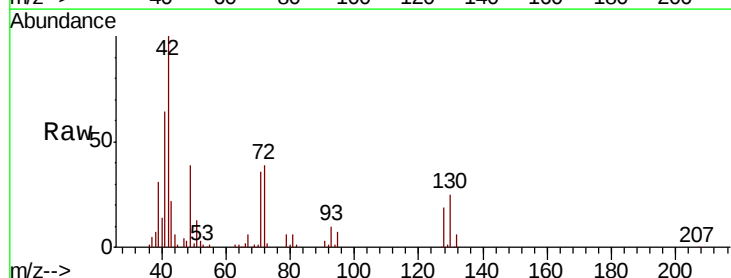
Tgt Ion: 49 Resp: 65403

Ion Ratio Lower Upper

49 100

129 0.7 0.0 3.0

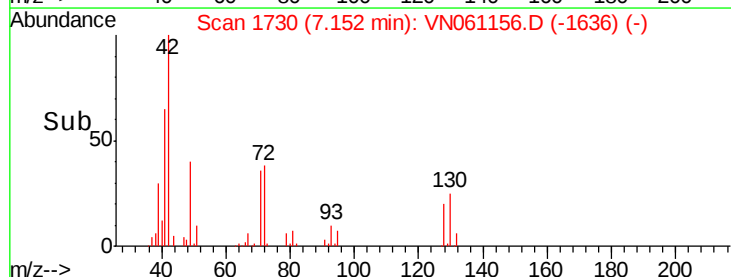
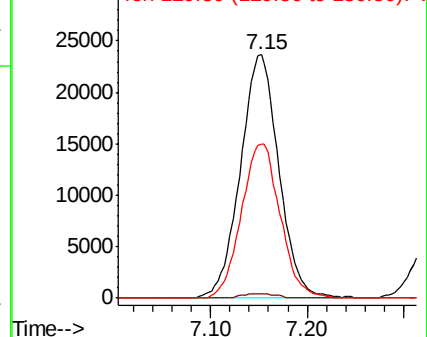
130 63.7 51.4 77.2

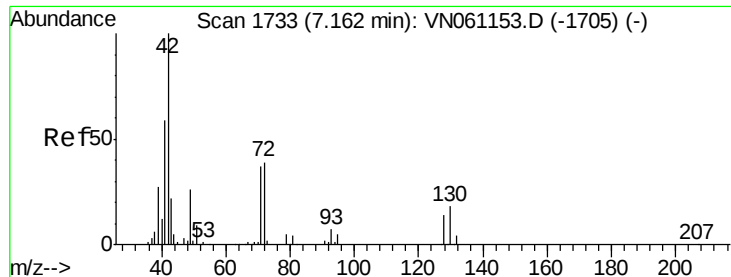


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

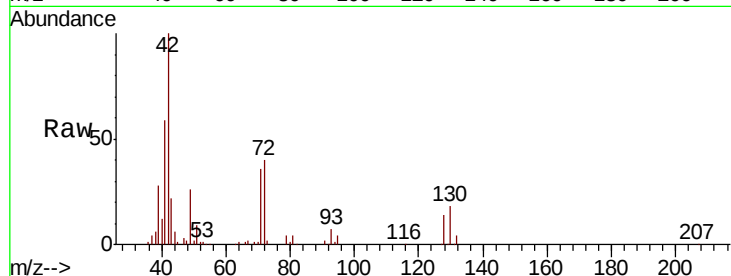




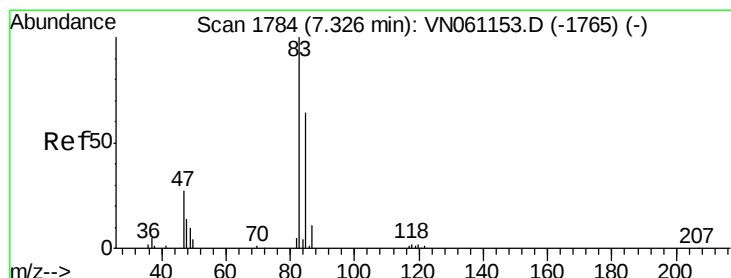
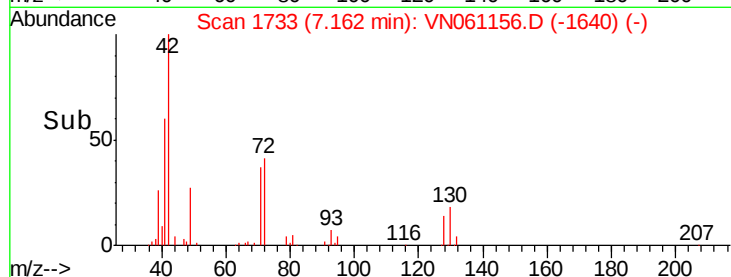
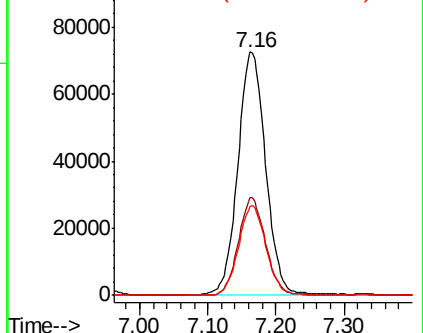
#29
Tetrahydrofuran
Concen: 252.183 ug/l
RT: 7.16 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN061156.D
Acq: 27 Apr 2020 18:44

Instrument :
MSVOA_N
ClientSampleId :
ICVVN042720

Tot Ion	Ratio	Lower	Upper
42	100		
72	38.6	31.4	47.0
71	36.1	29.5	44.3

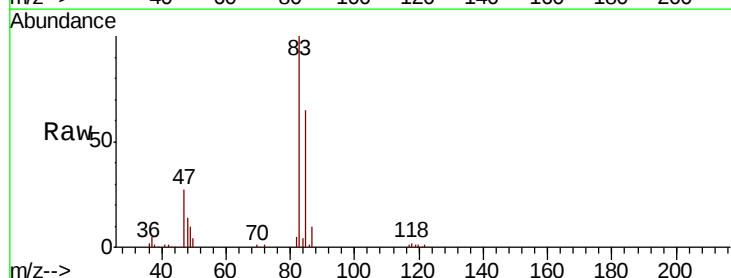


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

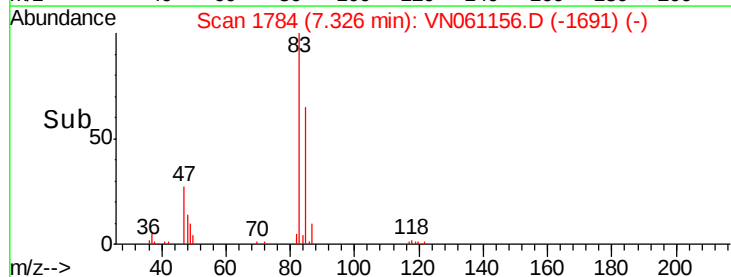
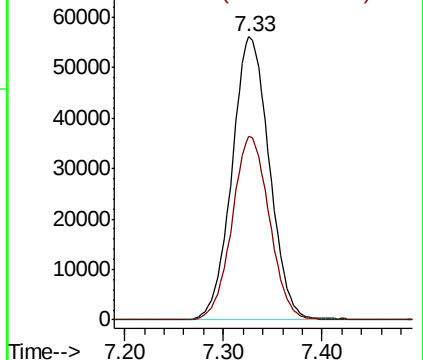


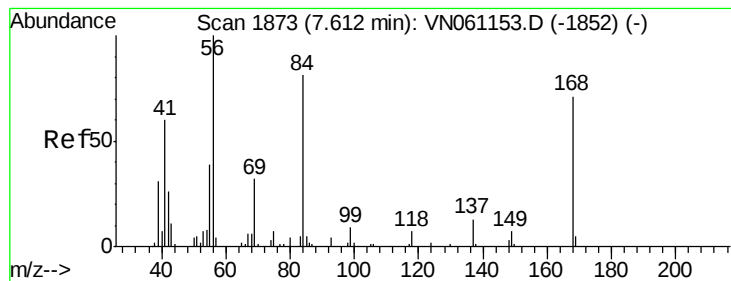
#30
Chloroform
Concen: 47.295 ug/l
RT: 7.33 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VN061156.D
Acq: 27 Apr 2020 18:44

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.1	76.7



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





#31

Cyclohexane

Concen: 46.608 ug/l

RT: 7.61 min Scan# 1873

Delta R.T. 0.00 min

Lab File: VN061156.D

Acq: 27 Apr 2020 18:44

Instrument :

MSVOA_N

ClientSampleId :

ICVVN042720

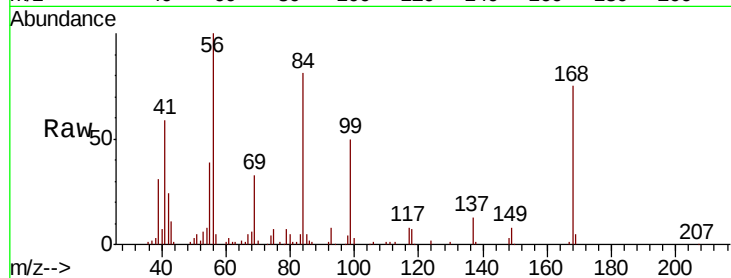
Tot Ion: 56 Resp: 139388

Ion Ratio Lower Upper

56 100

69 32.2 25.7 38.5

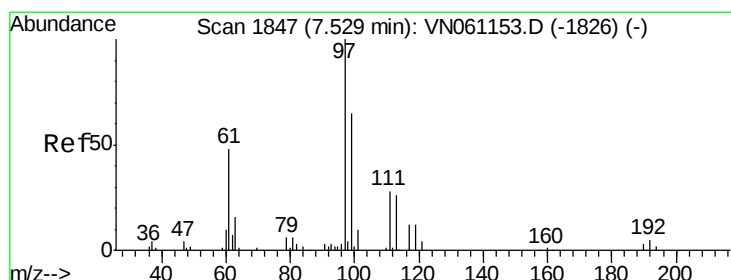
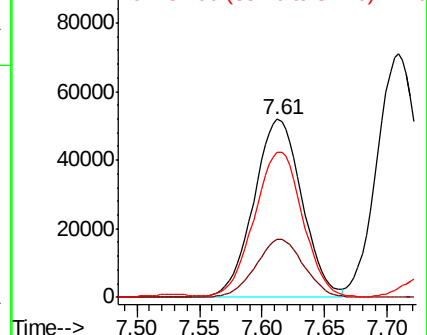
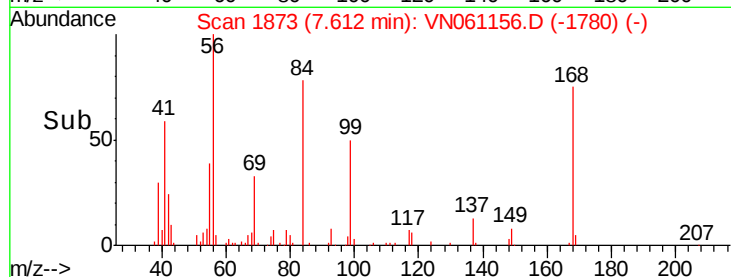
84 80.2 64.6 97.0



Abundance Ion 56.00 (55.70 to 56.70): VN061156.D (-1780) (-)

Ion 69.00 (68.70 to 69.70): VN061156.D (-1780) (-)

Ion 84.00 (83.70 to 84.70): VN061156.D (-1780) (-)



#32

1,1,1-Trichloroethane

Concen: 47.966 ug/l

RT: 7.53 min Scan# 1846

Delta R.T. -0.00 min

Lab File: VN061156.D

Acq: 27 Apr 2020 18:44

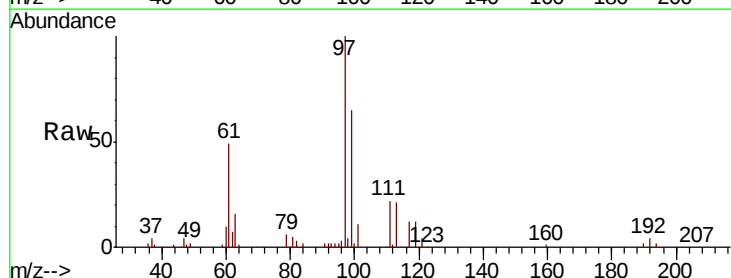
Tgt Ion: 97 Resp: 130347

Ion Ratio Lower Upper

97 100

99 64.5 51.3 76.9

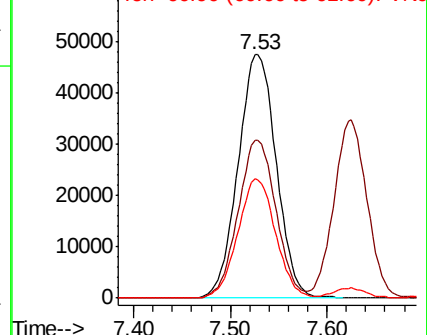
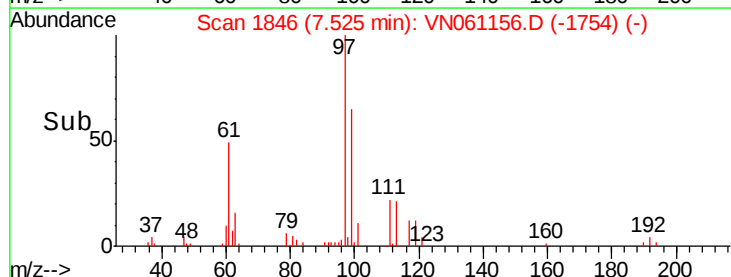
61 48.4 38.6 57.8

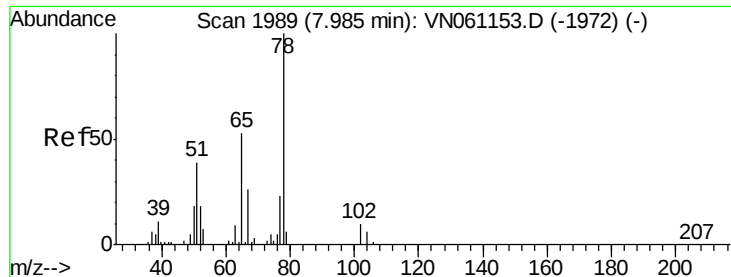


Abundance Ion 96.90 (96.60 to 97.60): VN061156.D (-1754) (-)

Ion 98.90 (98.60 to 99.60): VN061156.D (-1754) (-)

Ion 60.90 (60.60 to 61.60): VN061156.D (-1754) (-)

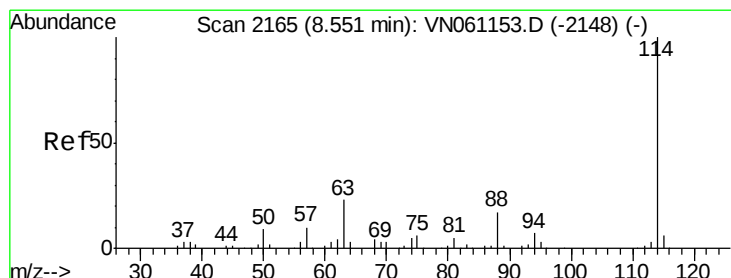
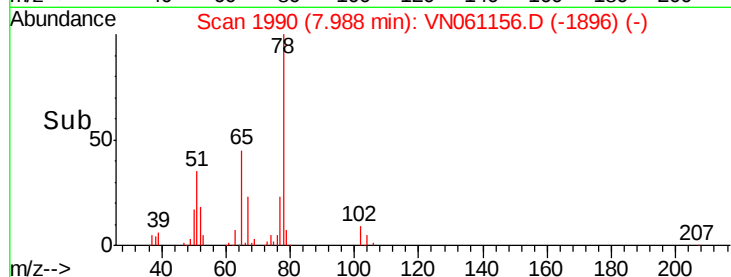
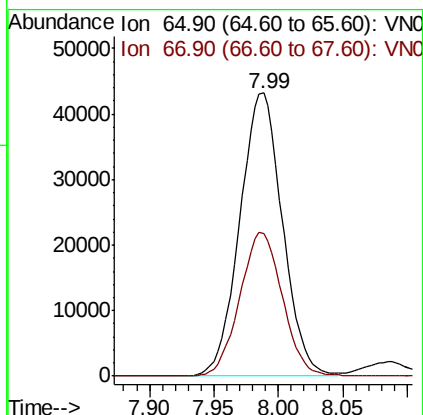
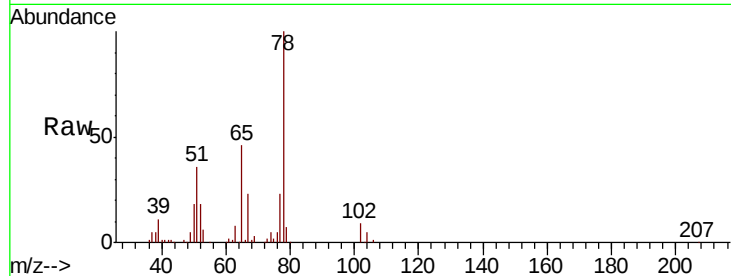




#33
 1,2-Dichloroethane-d4
 Concen: 48.481 ug/l
 RT: 7.99 min Scan# 1990
 Delta R.T. 0.00 min
 Lab File: VN061156.D
 Acq: 27 Apr 2020 18:44

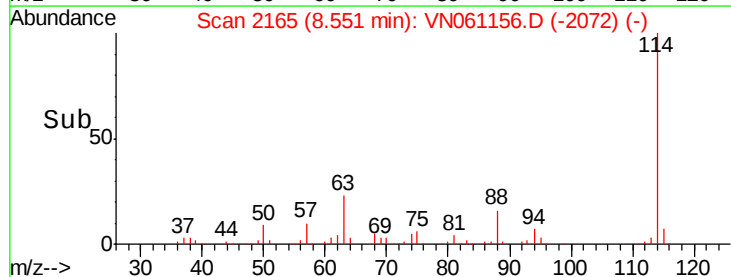
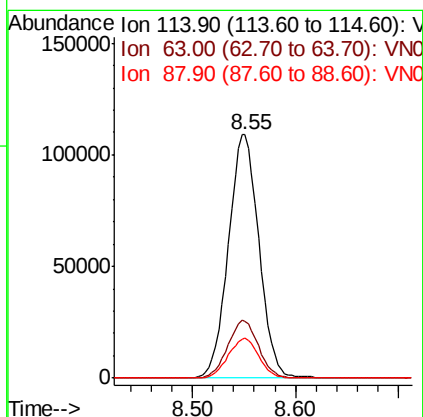
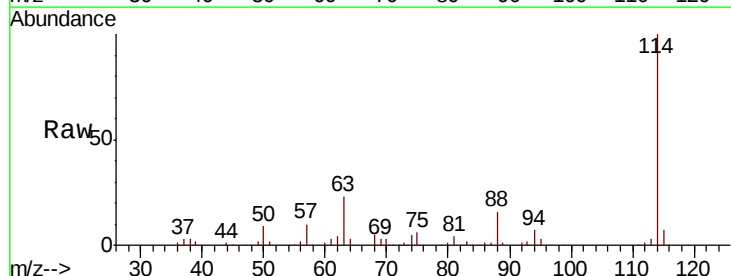
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN042720

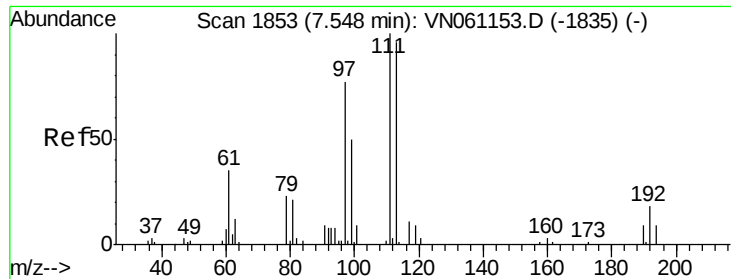
Tot Ion: 65 Resp: 99665
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VN061156.D
 Acq: 27 Apr 2020 18:44

Tgt Ion: 114 Resp: 225231
 Ion Ratio Lower Upper
 114 100
 63 23.5 0.0 46.6
 88 16.3 0.0 33.4

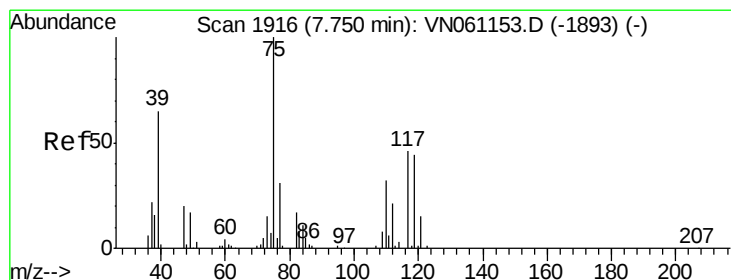
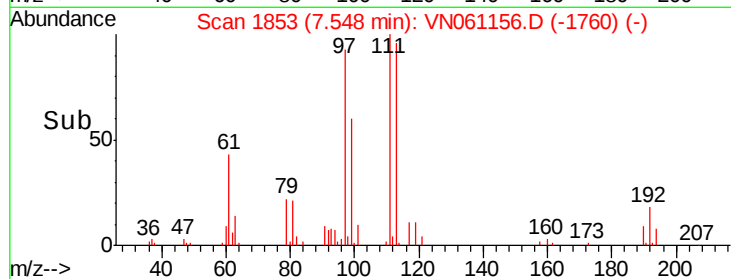
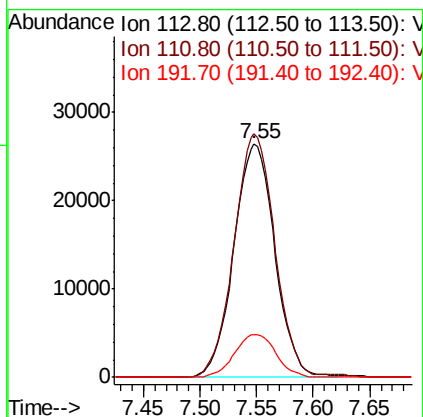
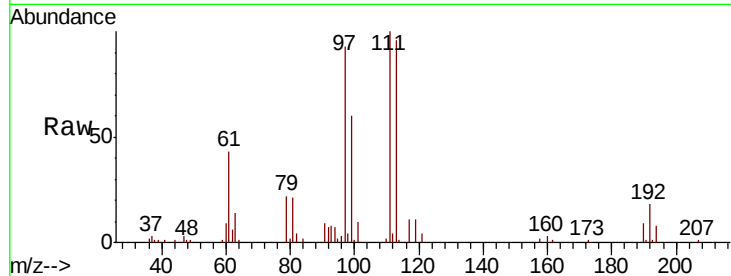




#35
 Dibromofluoromethane
 Concen: 50.083 ug/l
 RT: 7.55 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VN061156.D
 Acq: 27 Apr 2020 18:44

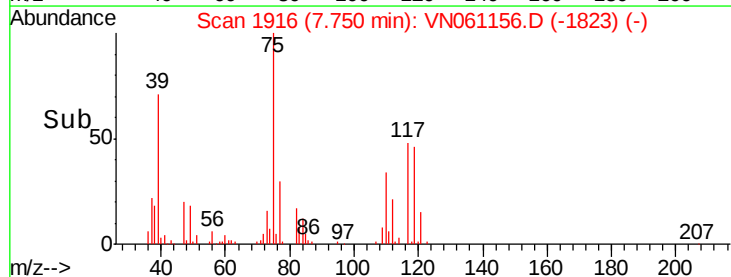
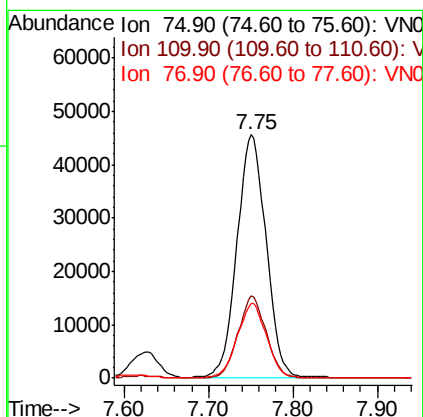
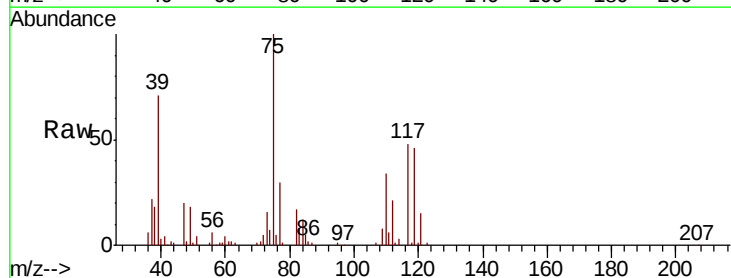
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN042720

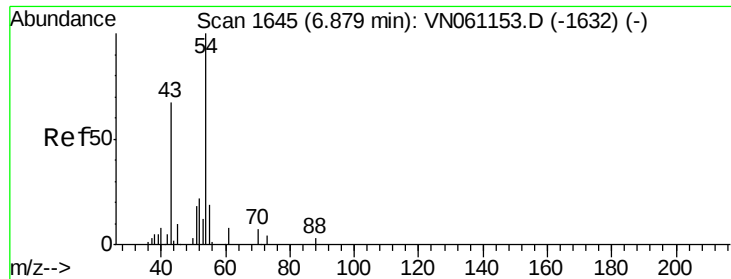
Tot Ion:113 Resp: 66703
 Ion Ratio Lower Upper
 113 100
 111 103.3 82.9 124.3
 192 18.5 14.7 22.1



#36
 1,1-Dichloropropene
 Concen: 49.065 ug/l
 RT: 7.75 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VN061156.D
 Acq: 27 Apr 2020 18:44

Tgt Ion: 75 Resp: 110626
 Ion Ratio Lower Upper
 75 100
 110 32.4 16.0 48.0
 77 30.7 24.6 37.0

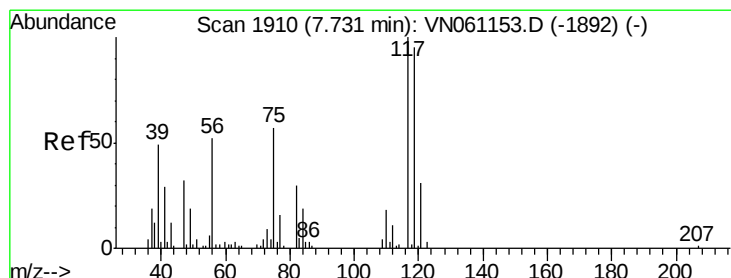
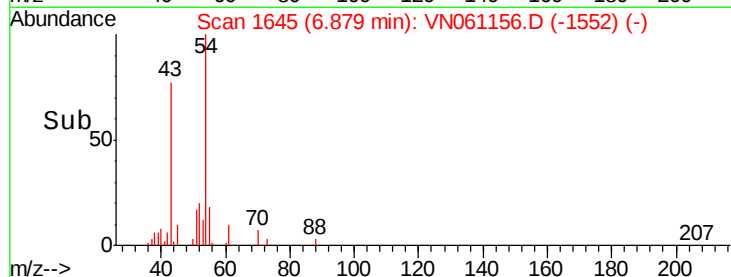
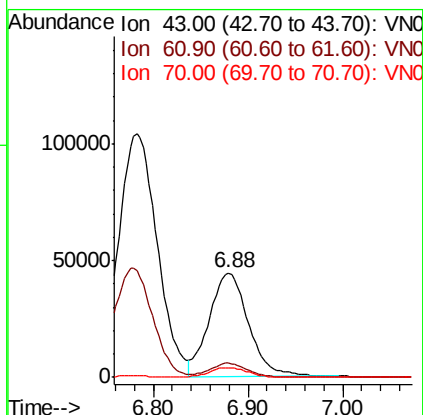
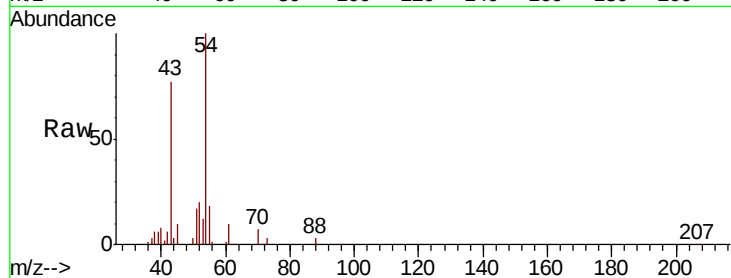




#37
Ethyl Acetate
Concen: 48.741 ug/l
RT: 6.88 min Scan# 1645
Delta R.T. 0.00 min
Lab File: VN061156.D
Acq: 27 Apr 2020 18:44

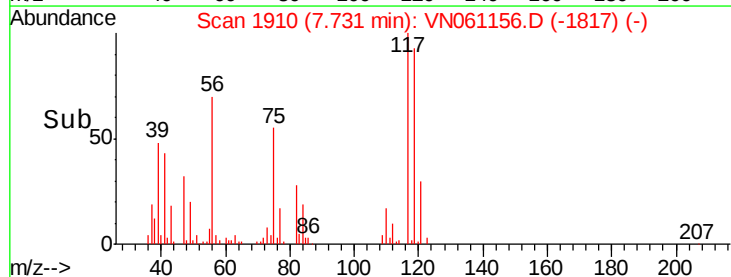
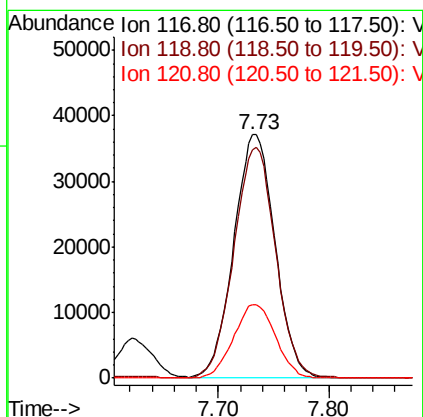
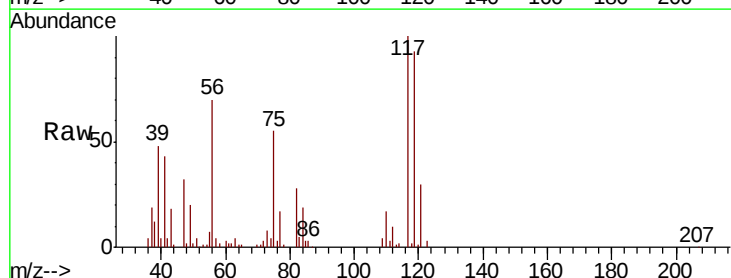
Instrument :
MSVOA_N
ClientSampled :
ICVVN042720

Tot Ion: 43 Resp: 128834
Ion Ratio Lower Upper
43 100
61 12.3 10.2 15.2
70 9.0 7.2 10.8



#38
Carbon Tetrachloride
Concen: 53.393 ug/l
RT: 7.73 min Scan# 1910
Delta R.T. 0.00 min
Lab File: VN061156.D
Acq: 27 Apr 2020 18:44

Tgt Ion: 117 Resp: 96270
Ion Ratio Lower Upper
117 100
119 93.5 75.8 113.6
121 30.3 24.7 37.1

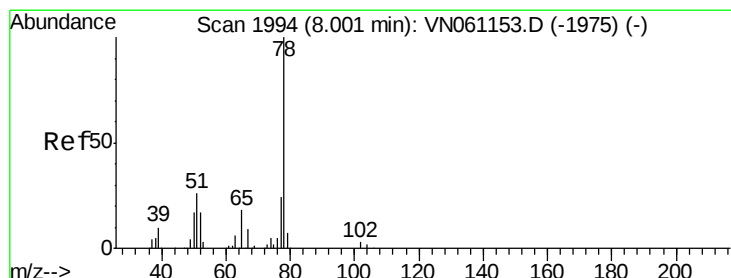
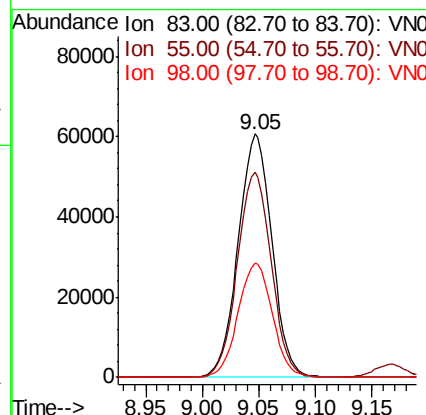
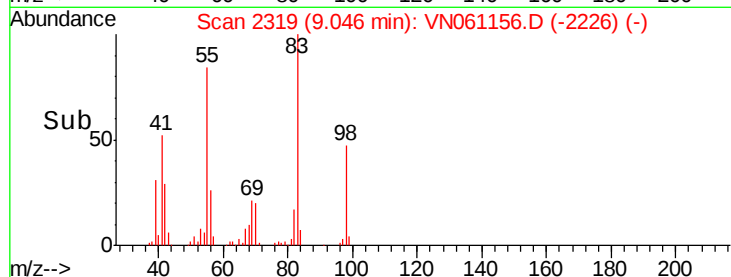
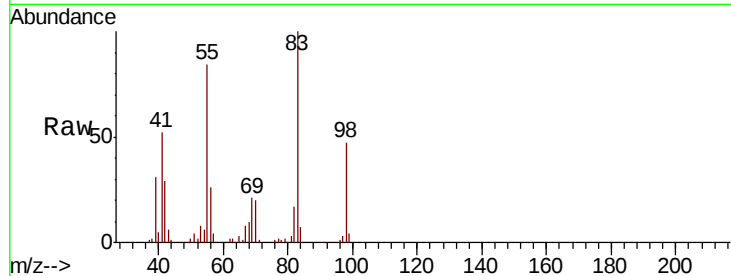




#39
Methvlcvclohexane
Concen: 47.188 ug/l
RT: 9.05 min Scan# 2319
Delta R.T. 0.00 min
Lab File: VN061156.D
Acq: 27 Apr 2020 18:44

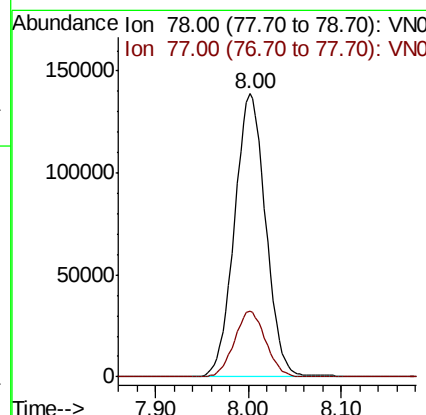
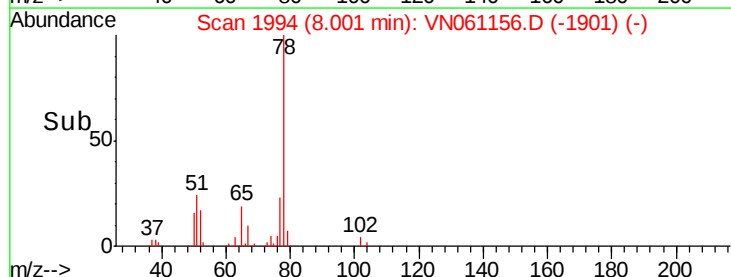
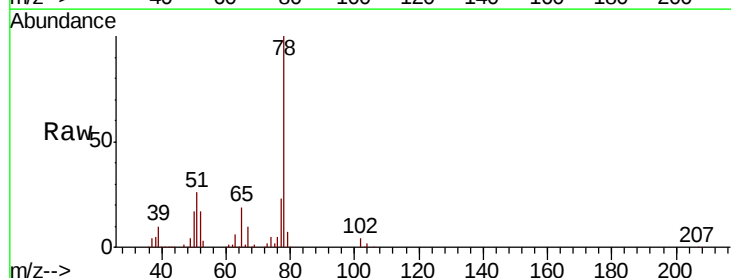
Instrument :
MSVOA_N
ClientSampleId :
ICVVN042720

Tot Ion: 83 Resp: 126334
Ion Ratio Lower Upper
83 100
55 84.3 67.3 100.9
98 46.9 37.7 56.5



#40
Benzene
Concen: 48.283 ug/l
RT: 8.00 min Scan# 1994
Delta R.T. 0.00 min
Lab File: VN061156.D
Acq: 27 Apr 2020 18:44

Tgt Ion: 78 Resp: 324328
Ion Ratio Lower Upper
78 100
77 23.2 19.0 28.6

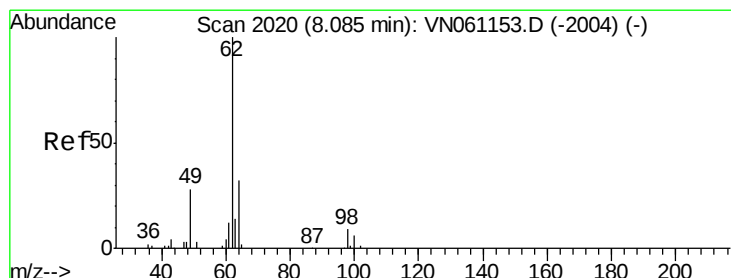
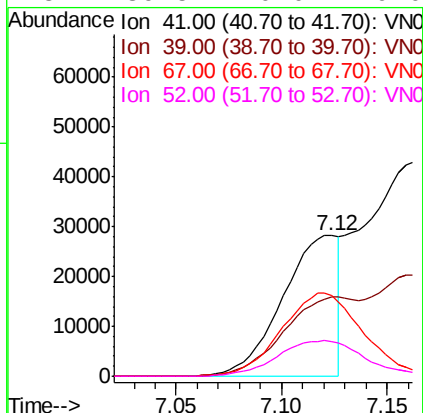
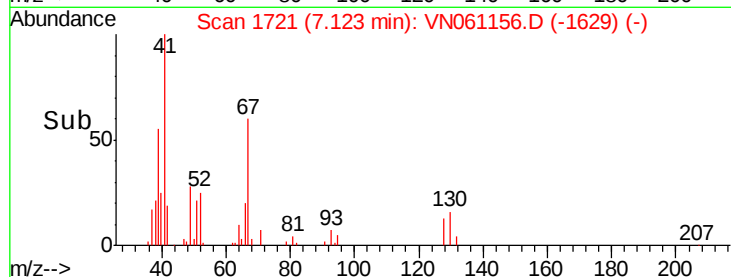
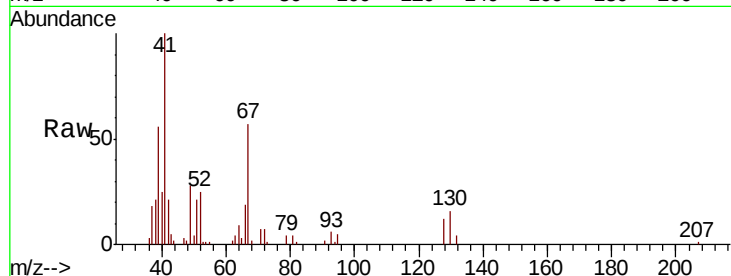




#41
Methacrylonitrile
Concen: 47.408 ug/l
RT: 7.12 min Scan# 1721
Delta R.T. -0.00 min
Lab File: VN061156.D
Acq: 27 Apr 2020 18:44

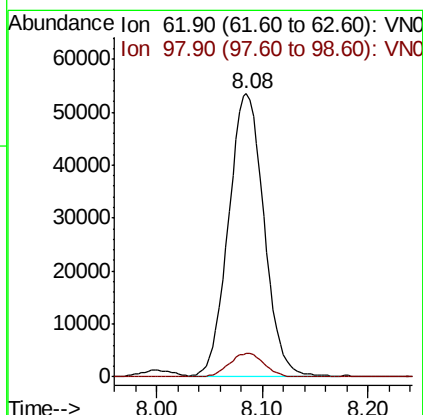
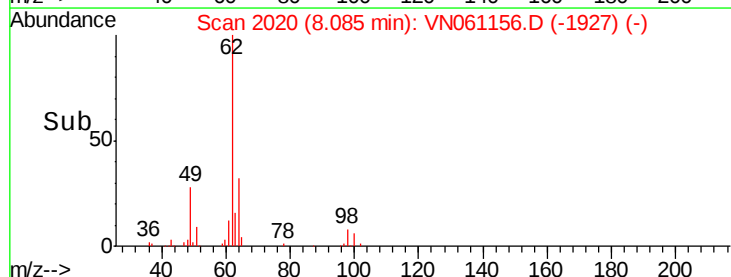
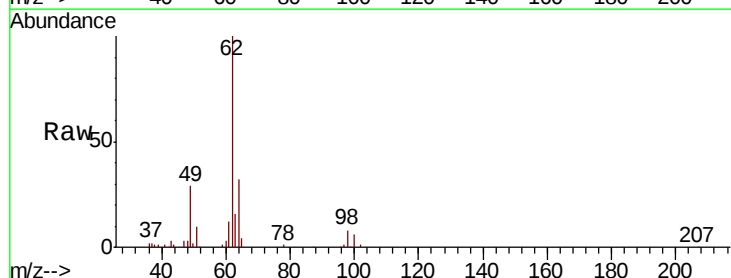
Instrument :
MSVOA_N
ClientSampleId :
ICVVN042720

Tot Ion:	41	Resp:	52028
Ion	Ratio	Lower	Upper
41	100		
39	72.6	0.0	0.0#
67	87.0	0.0	0.0#
52	39.5	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 48.759 ug/l
RT: 8.08 min Scan# 2020
Delta R.T. 0.00 min
Lab File: VN061156.D
Acq: 27 Apr 2020 18:44

Tgt Ion:	62	Resp:	124077
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	16.8





#43

Isopropyl Acetate

Concen: 49.745 ug/l

RT: 8.13 min Scan# 2033

Delta R.T. 0.00 min

Lab File: VN061156.D

Acq: 27 Apr 2020 18:44

Instrument :

MSVOA_N

ClientSampleId :

ICVVN042720

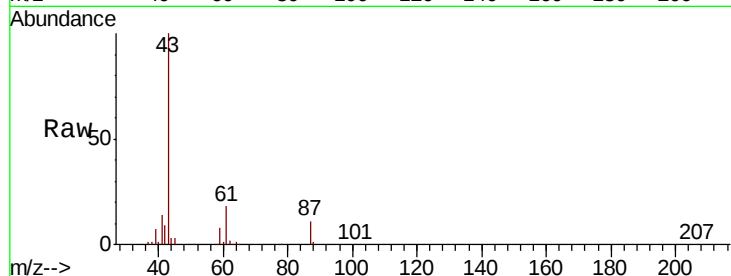
Tot Ion: 43 Resp: 218216

Ion Ratio Lower Upper

43 100

61 24.2 19.5 29.3

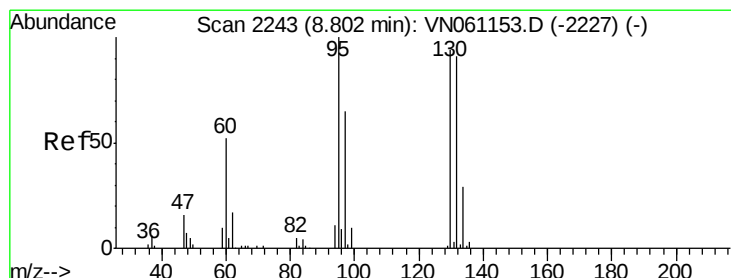
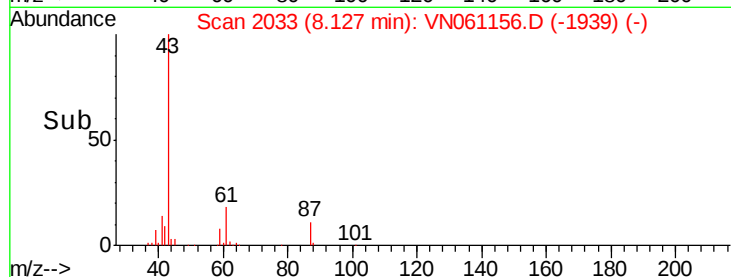
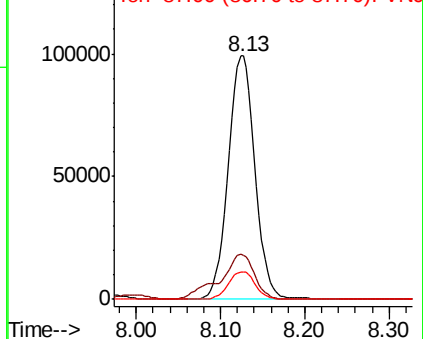
87 11.4 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VN061156.D (-2014) (-)

Ion 61.00 (60.70 to 61.70): VN061156.D (-2014) (-)

Ion 87.00 (86.70 to 87.70): VN061156.D (-2014) (-)



#44

Trichloroethene

Concen: 47.706 ug/l

RT: 8.80 min Scan# 2243

Delta R.T. 0.00 min

Lab File: VN061156.D

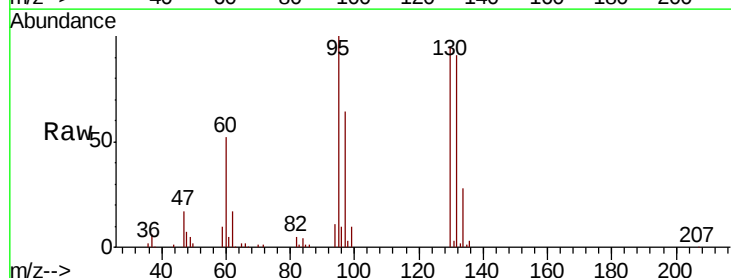
Acq: 27 Apr 2020 18:44

Tgt Ion: 130 Resp: 86628

Ion Ratio Lower Upper

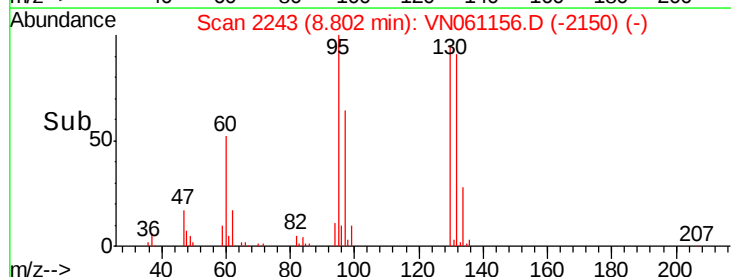
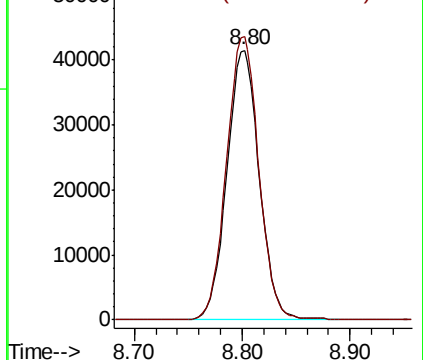
130 100

95 104.9 0.0 212.4



Abundance Ion 129.80 (129.50 to 130.50): VN061156.D (-2150) (-)

Ion 94.90 (94.60 to 95.60): VN061156.D (-2150) (-)





#45

1,2-Dichloropropane

Concen: 47.244 ug/l

RT: 9.08 min Scan# 2331

Delta R.T. 0.00 min

Lab File: VN061156.D

Acq: 27 Apr 2020 18:44

Instrument :

MSVOA_N

ClientSampleId :

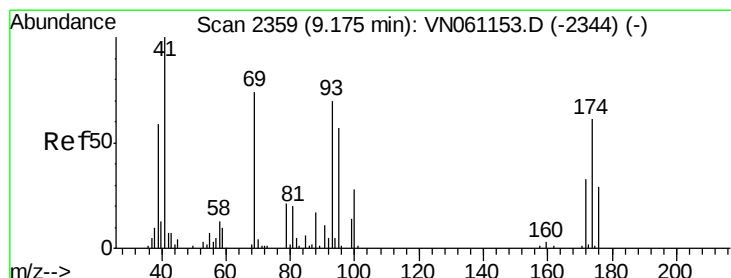
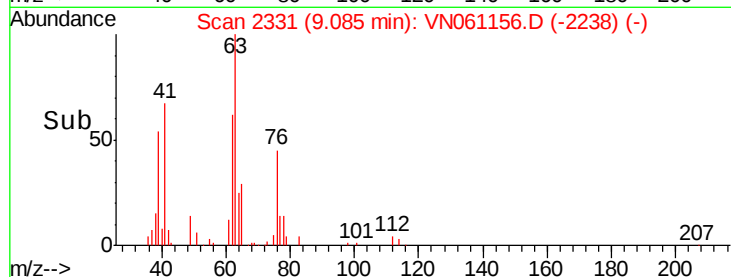
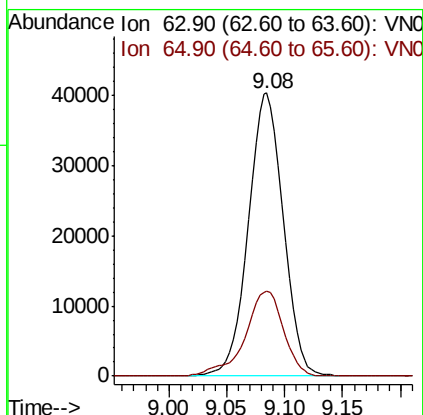
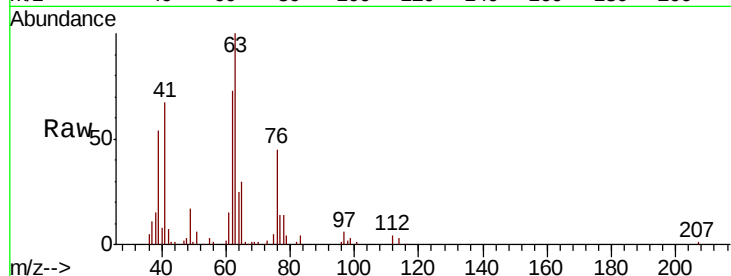
ICVVN042720

Tot Ion: 63 Resp: 84782

Ion Ratio Lower Upper

63 100

65 30.1 24.7 37.1



#46

Dibromomethane

Concen: 50.043 ug/l

RT: 9.17 min Scan# 2359

Delta R.T. 0.00 min

Lab File: VN061156.D

Acq: 27 Apr 2020 18:44

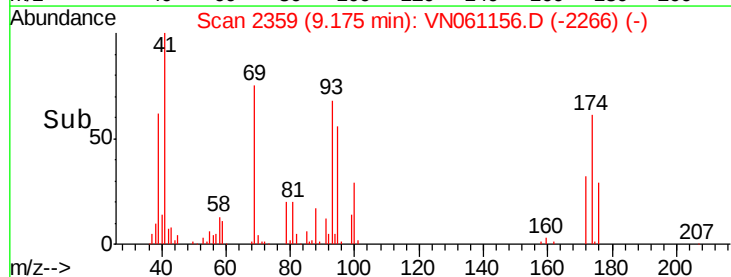
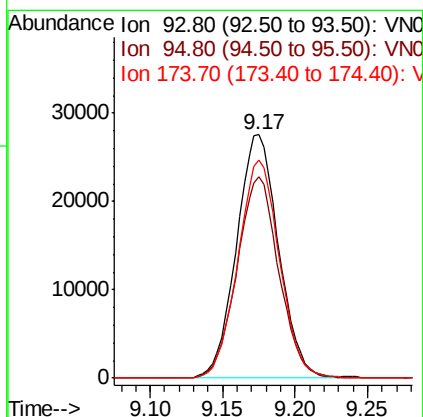
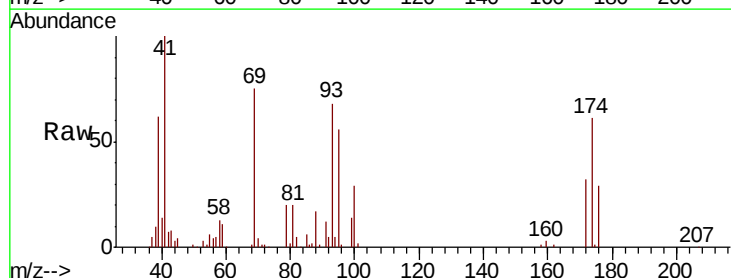
Tgt Ion: 93 Resp: 55605

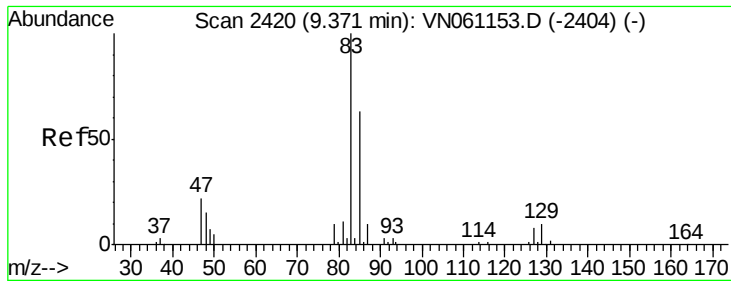
Ion Ratio Lower Upper

93 100

95 82.2 66.6 99.8

174 88.6 70.2 105.2





#47

Bromodichloromethane

Concen: 49.928 ug/l

RT: 9.37 min Scan# 2420

Delta R.T. 0.00 min

Lab File: VN061156.D

Acq: 27 Apr 2020 18:44

Instrument :

MSVOA_N

ClientSampleId :

ICVVN042720

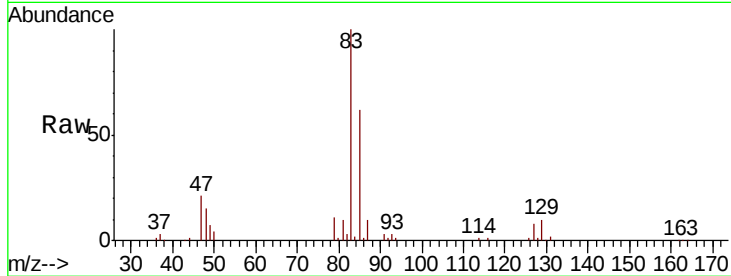
Tot Ion: 83 Resp: 119077

Ion Ratio Lower Upper

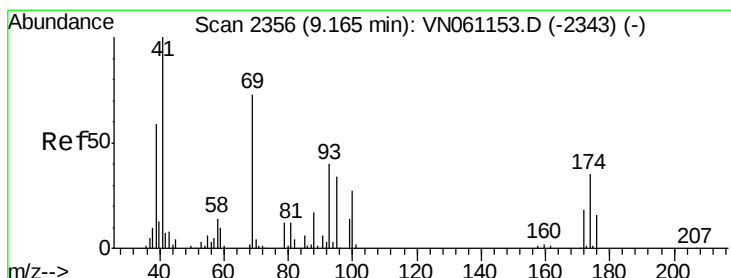
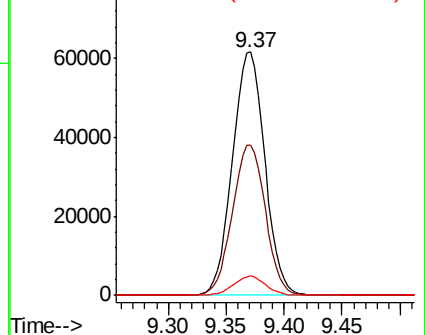
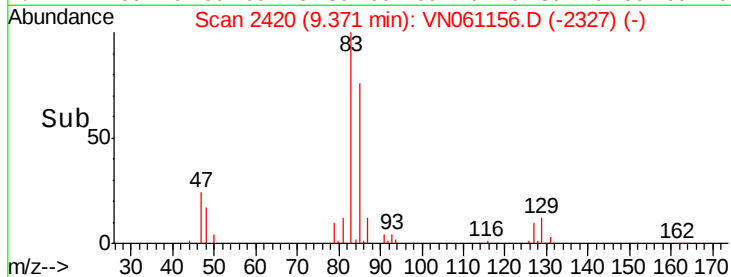
83 100

85 61.9 50.4 75.6

127 7.8 6.2 9.2



Abundance Ion 82.90 (82.60 to 83.60): VN061156.D (-2327) (-)



#48

Methyl methacrylate

Concen: 49.935 ug/l

RT: 9.17 min Scan# 2356

Delta R.T. 0.00 min

Lab File: VN061156.D

Acq: 27 Apr 2020 18:44

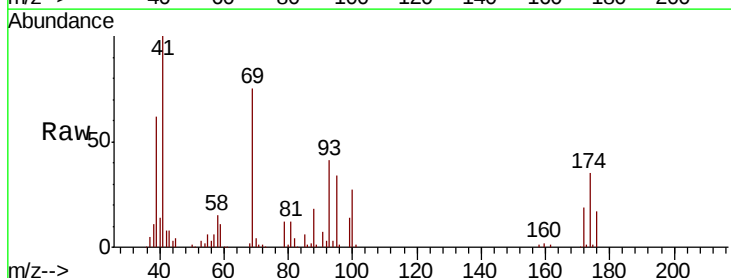
Tgt Ion: 41 Resp: 98848

Ion Ratio Lower Upper

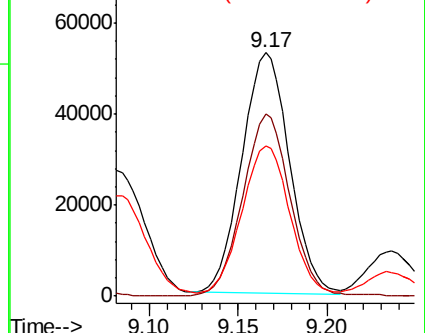
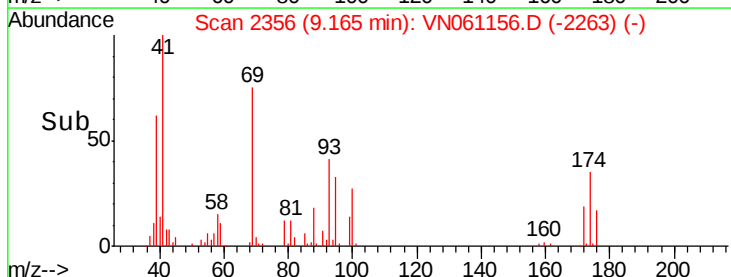
41 100

69 75.5 60.3 90.5

39 63.5 47.4 71.0



Abundance Ion 41.00 (40.70 to 41.70): VN061156.D (-2263) (-)

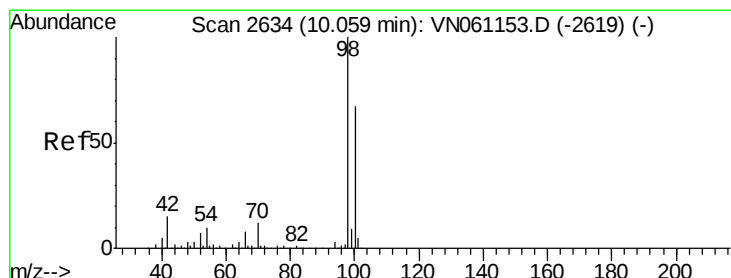
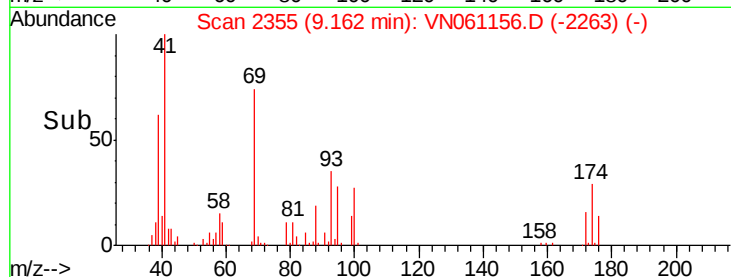
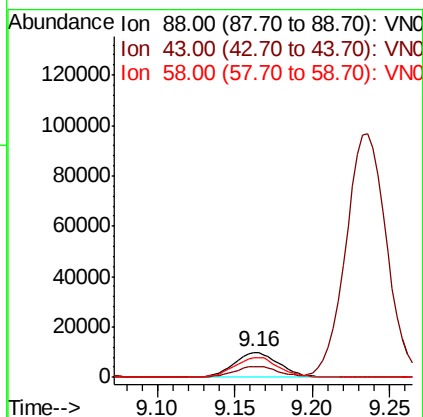
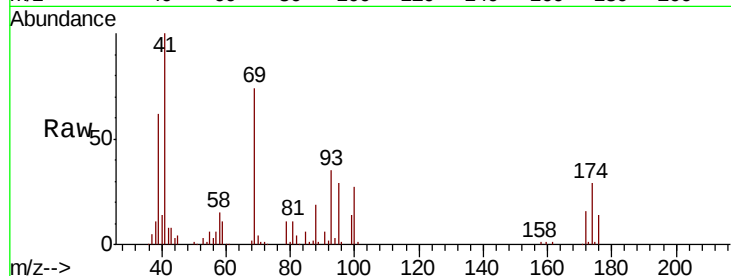




#49
1,4-Dioxane
Concen: 885.849 ug/l
RT: 9.16 min Scan# 2355
Delta R.T. -0.00 min
Lab File: VN061156.D
Acq: 27 Apr 2020 18:44

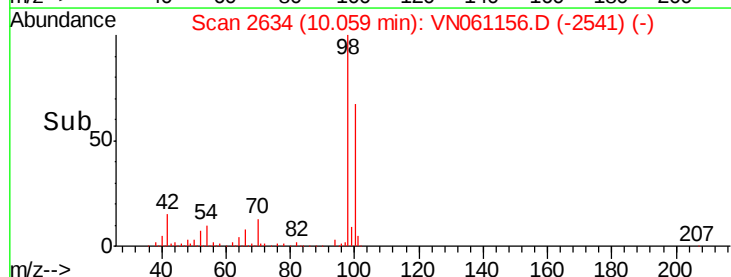
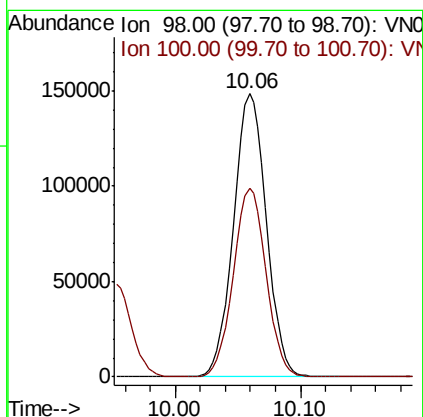
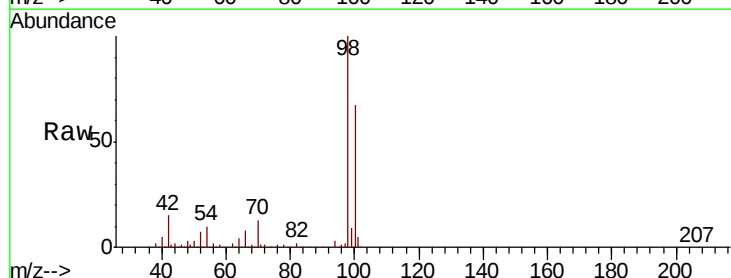
Instrument :
MSVOA_N
ClientSampleId :
ICVVN042720

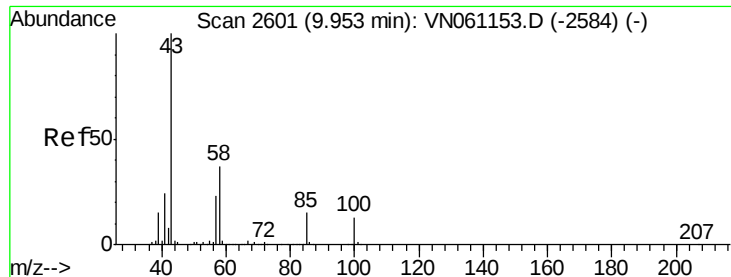
Tot Ion: 88 Resp: 19905
Ion Ratio Lower Upper
88 100
43 44.5 35.3 52.9
58 78.5 61.5 92.3



#50
Toluene-d8
Concen: 49.777 ug/l
RT: 10.06 min Scan# 2634
Delta R.T. 0.00 min
Lab File: VN061156.D
Acq: 27 Apr 2020 18:44

Tgt Ion: 98 Resp: 270254
Ion Ratio Lower Upper
98 100
100 66.7 53.4 80.0

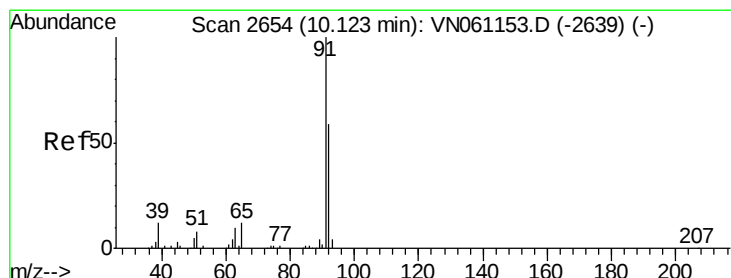
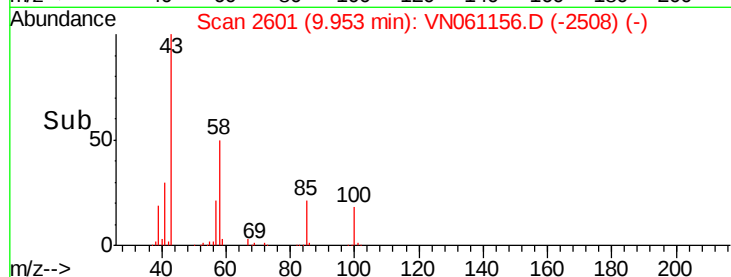
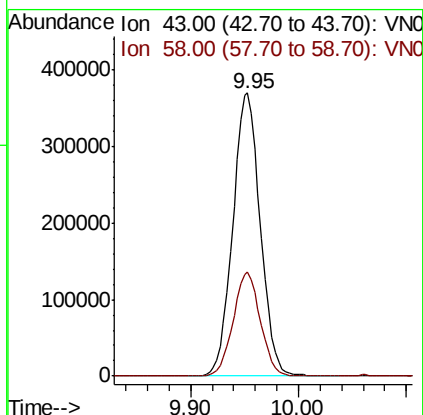
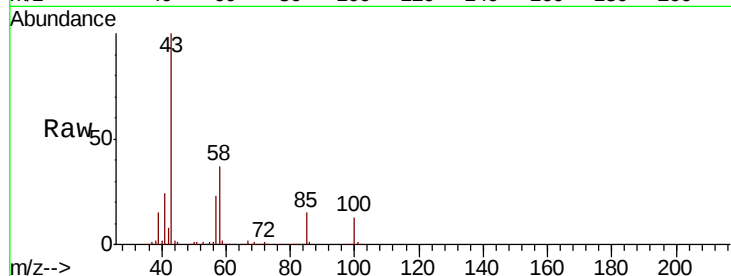




#51
 4-Methyl-2-Pentanone
 Concen: 254.153 ug/l
 RT: 9.95 min Scan# 2601
 Delta R.T. 0.00 min
 Lab File: VN061156.D
 Acq: 27 Apr 2020 18:44

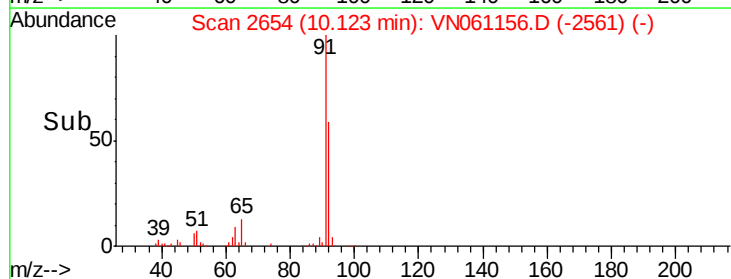
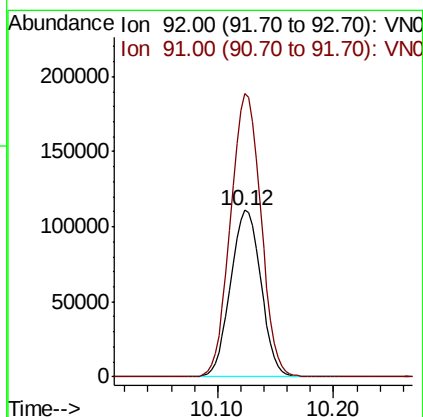
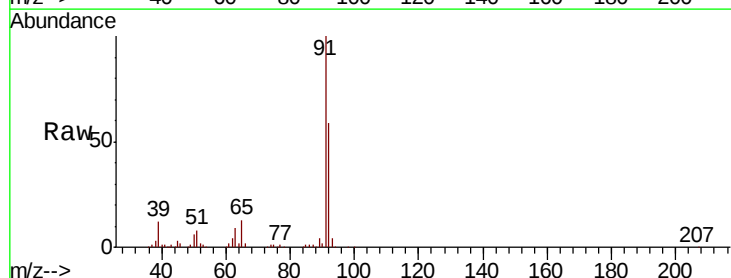
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN042720

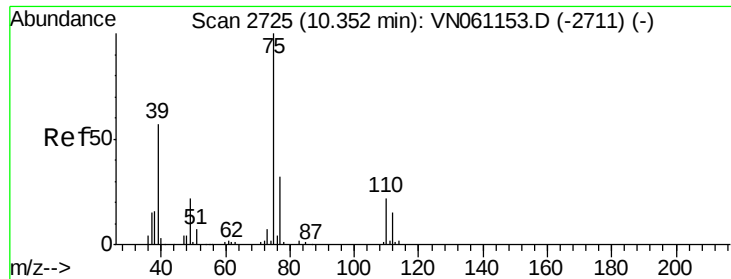
Tot Ion: 43 Resp: 656248
 Ion Ratio Lower Upper
 43 100
 58 36.4 29.1 43.7



#52
 Toluene
 Concen: 49.819 ug/l
 RT: 10.12 min Scan# 2654
 Delta R.T. 0.00 min
 Lab File: VN061156.D
 Acq: 27 Apr 2020 18:44

Tgt Ion: 92 Resp: 201567
 Ion Ratio Lower Upper
 92 100
 91 170.1 136.2 204.2





#53

t-1,3-Dichloropropene

Concen: 50.323 ug/l

RT: 10.35 min Scan# 2725

Delta R.T. 0.00 min

Lab File: VN061156.D

Acq: 27 Apr 2020 18:44

Instrument :

MSVOA_N

ClientSampleId :

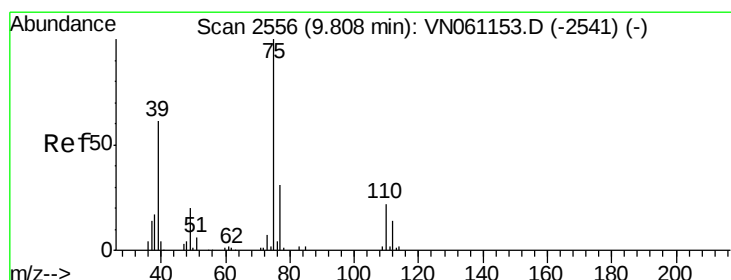
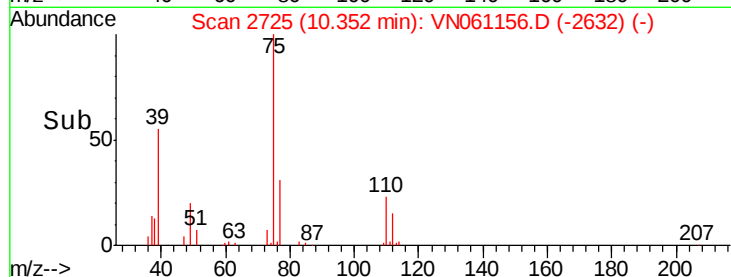
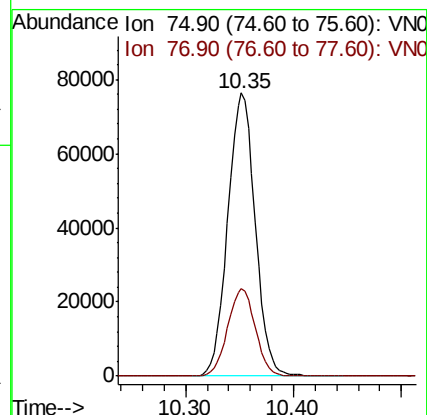
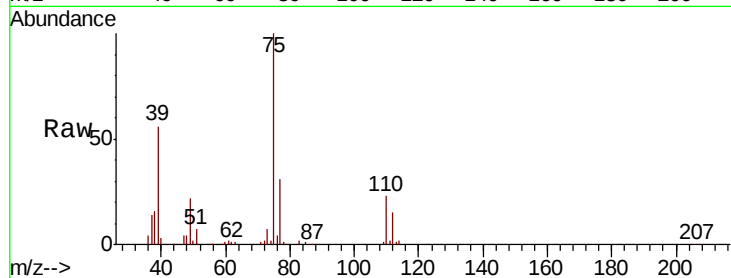
ICVVN042720

Tot Ion: 75 Resp: 135234

Ion Ratio Lower Upper

75 100

77 31.1 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 49.782 ug/l

RT: 9.81 min Scan# 2556

Delta R.T. 0.00 min

Lab File: VN061156.D

Acq: 27 Apr 2020 18:44

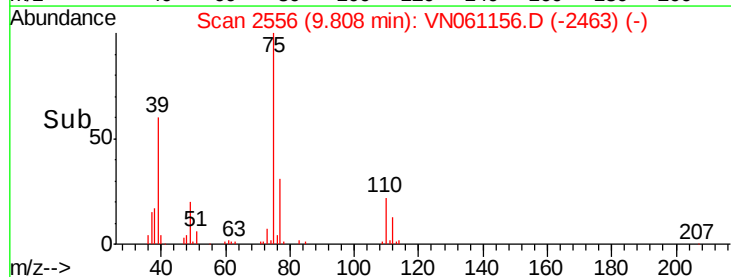
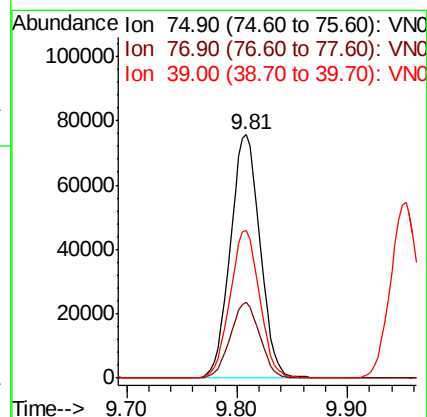
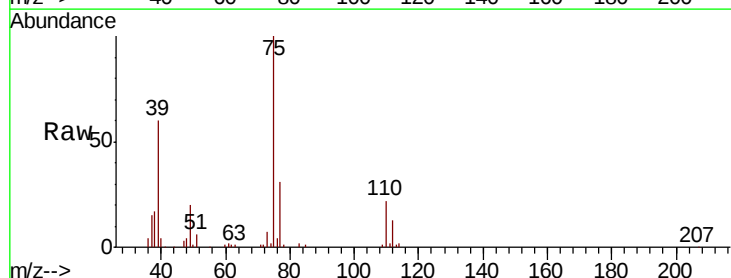
Tgt Ion: 75 Resp: 141433

Ion Ratio Lower Upper

75 100

77 31.0 25.0 37.4

39 60.4 48.7 73.1





#55

1,1,2-Trichloroethane

Concen: 48.231 ug/l

RT: 10.53 min Scan# 2781

Delta R.T. 0.00 min

Lab File: VN061156.D

Acq: 27 Apr 2020 18:44

Instrument :

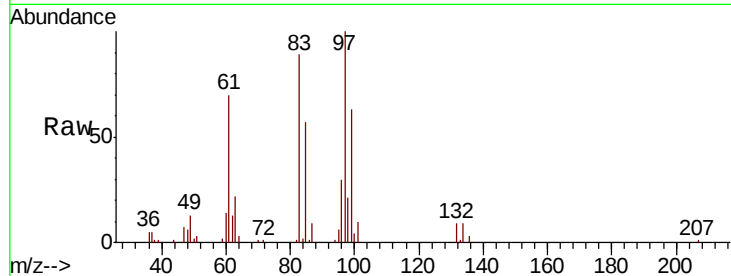
MSVOA_N

ClientSampleId :

ICVVN042720

Tot Ion: 97 Resp: 77837

Ion	Ratio	Lower	Upper
97	100		
83	89.1	70.6	106.0
85	57.5	46.4	69.6
99	63.2	50.6	75.8



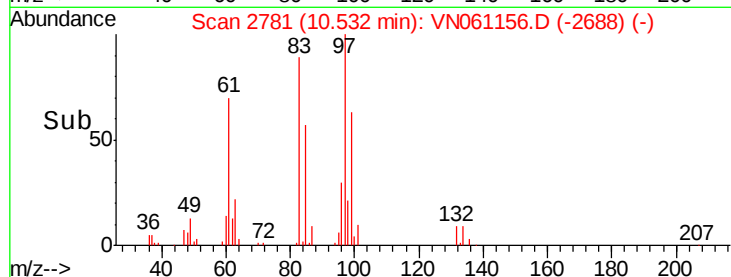
Abundance

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



Time-->

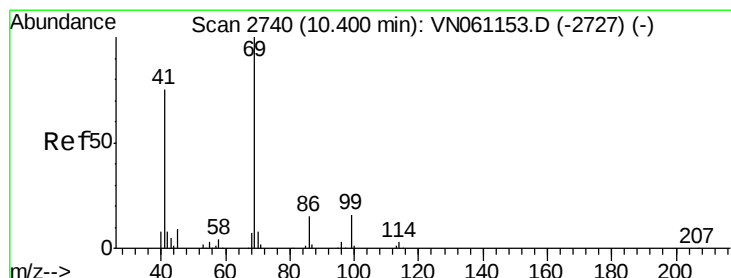
10.53

40000

20000

0

10.45 10.50 10.55 10.60



#56

Ethyl methacrylate

Concen: 46.171 ug/l

RT: 10.40 min Scan# 2740

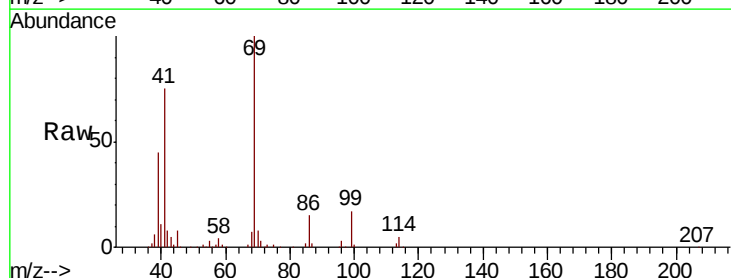
Delta R.T. 0.00 min

Lab File: VN061156.D

Acq: 27 Apr 2020 18:44

Tgt Ion: 69 Resp: 129221

Ion	Ratio	Lower	Upper
69	100		
41	75.6	60.3	90.5
39	44.2	35.9	53.9

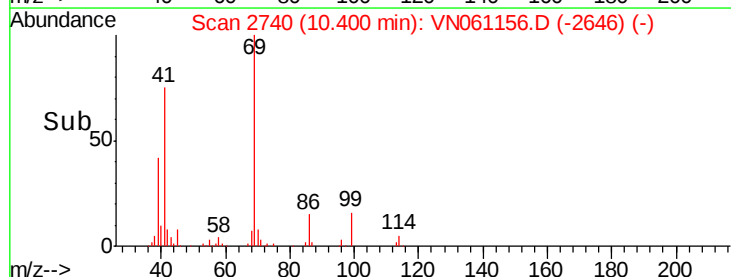


Abundance

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



Time-->

10.35 10.40 10.45

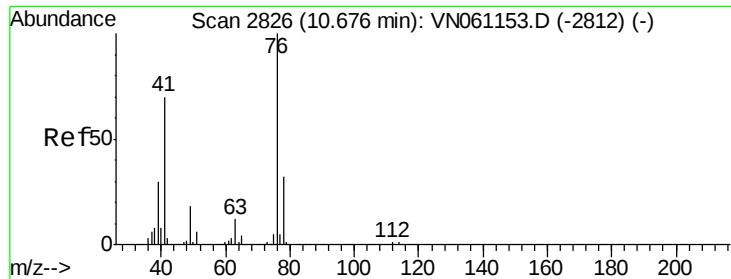
80000

60000

40000

20000

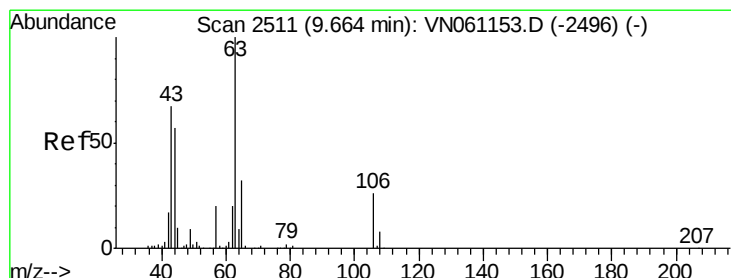
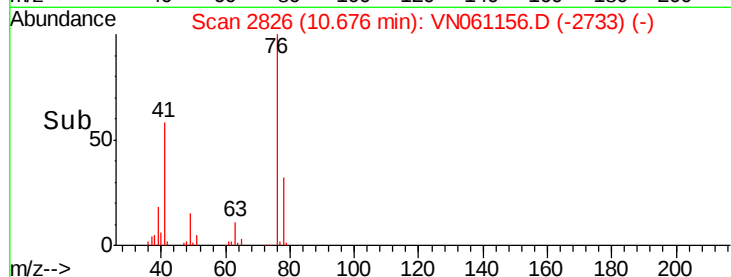
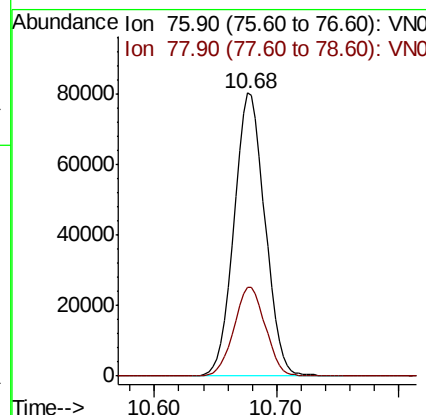
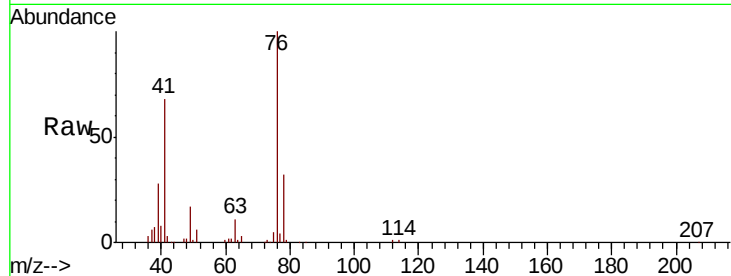
0



#57
 1,3-Dichloropropane
 Concen: 49.988 ug/l
 RT: 10.68 min Scan# 2826
 Delta R.T. 0.00 min
 Lab File: VN061156.D
 Acq: 27 Apr 2020 18:44

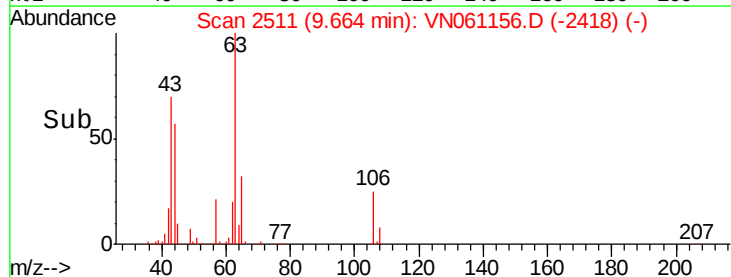
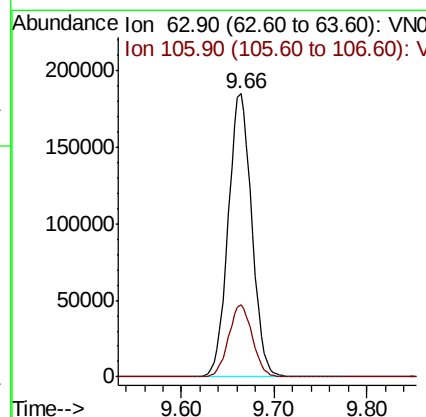
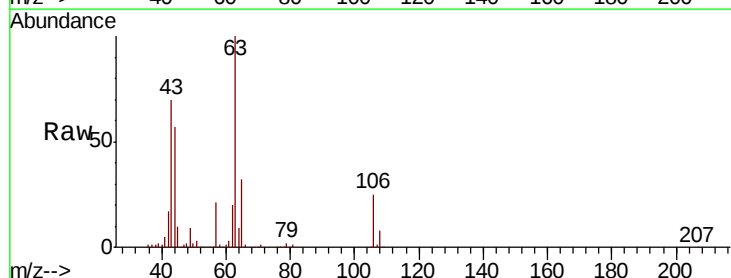
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN042720

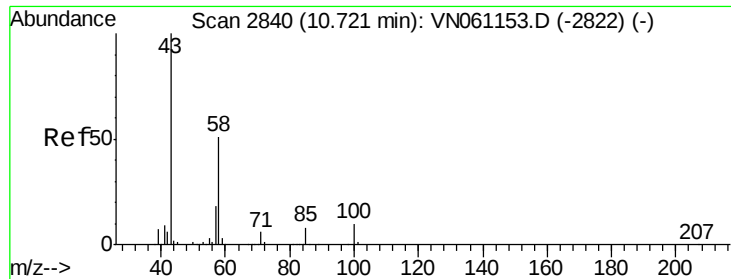
Tot Ion: 76 Resp: 141802
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 249.407 ug/l
 RT: 9.66 min Scan# 2511
 Delta R.T. 0.00 min
 Lab File: VN061156.D
 Acq: 27 Apr 2020 18:44

Tgt Ion: 63 Resp: 325802
 Ion Ratio Lower Upper
 63 100
 106 25.6 20.6 30.8

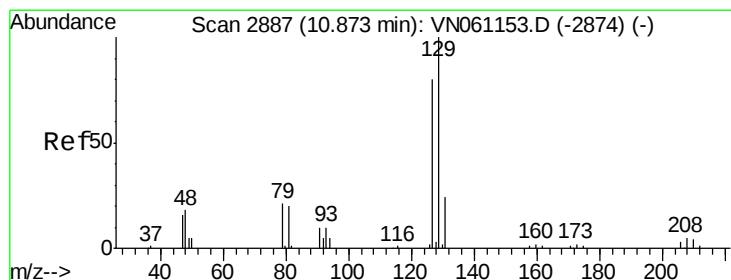
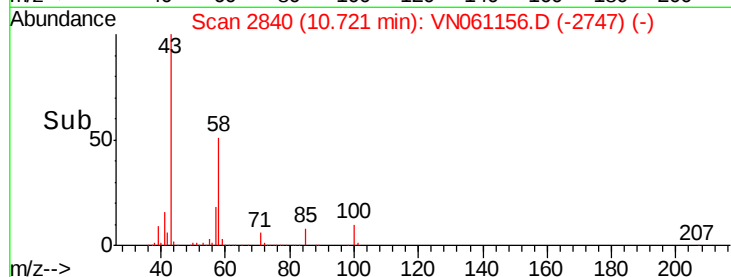
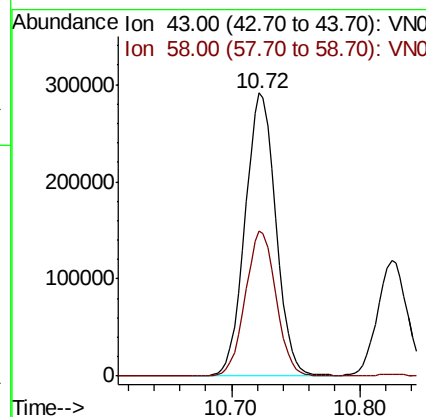
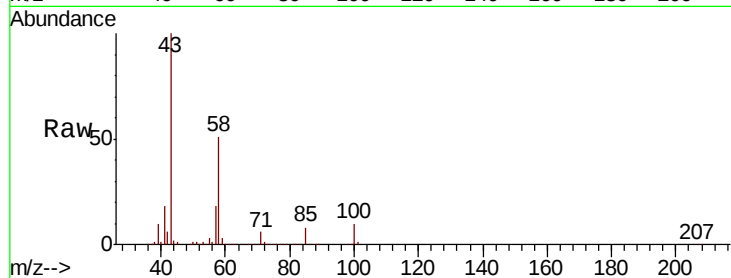




#59
2-Hexanone
Concen: 257.827 ug/l
RT: 10.72 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN061156.D
Acq: 27 Apr 2020 18:44

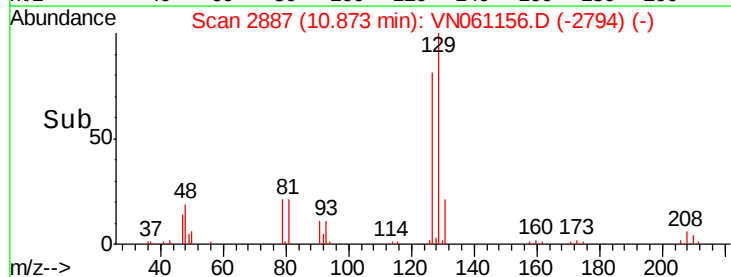
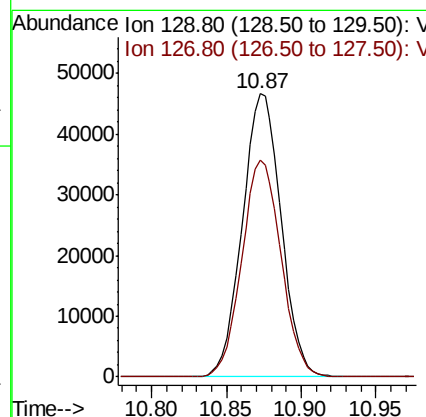
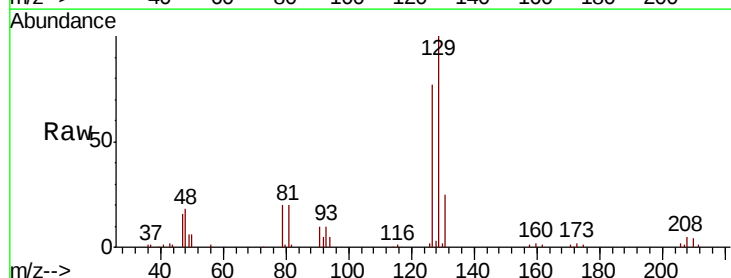
Instrument :
MSVOA_N
ClientSampleId :
ICVVN042720

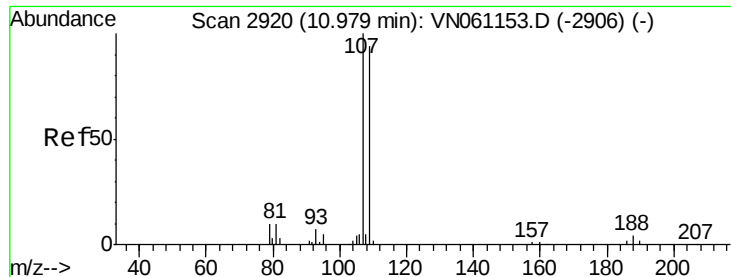
Tot Ion: 43 Resp: 484335
Ion Ratio Lower Upper
43 100
58 51.1 25.4 76.4



#60
Dibromochloromethane
Concen: 49.819 ug/l
RT: 10.87 min Scan# 2887
Delta R.T. 0.00 min
Lab File: VN061156.D
Acq: 27 Apr 2020 18:44

Tgt Ion: 129 Resp: 84206
Ion Ratio Lower Upper
129 100
127 77.3 39.3 117.8

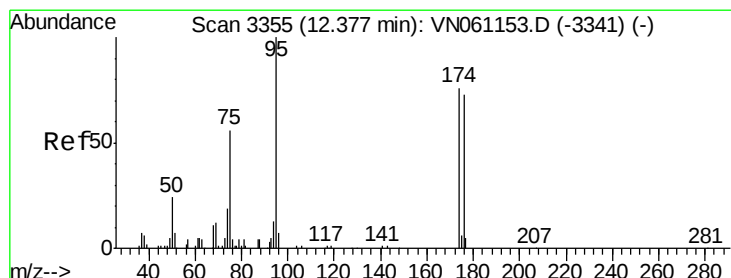
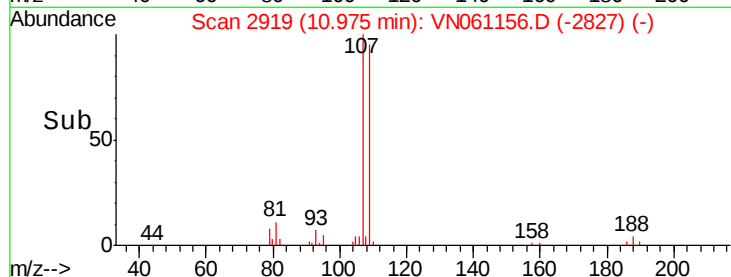
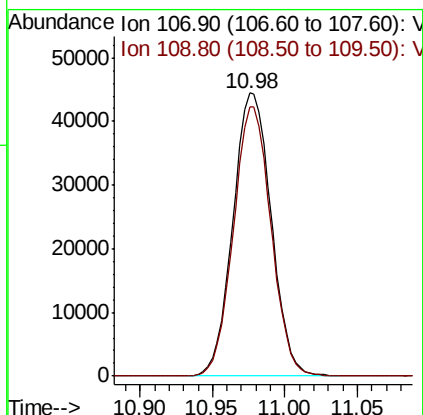
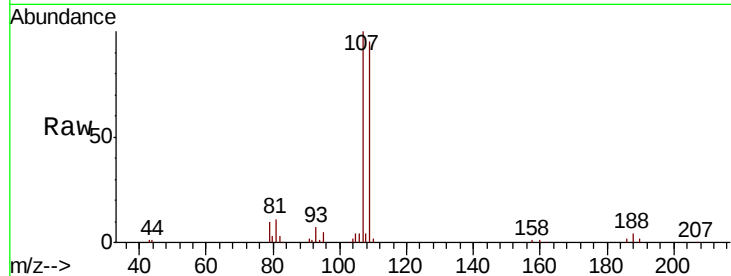




#61
 1,2-Dibromoethane
 Concen: 50.363 ug/l
 RT: 10.98 min Scan# 2919
 Delta R.T. -0.00 min
 Lab File: VN061156.D
 Acq: 27 Apr 2020 18:44

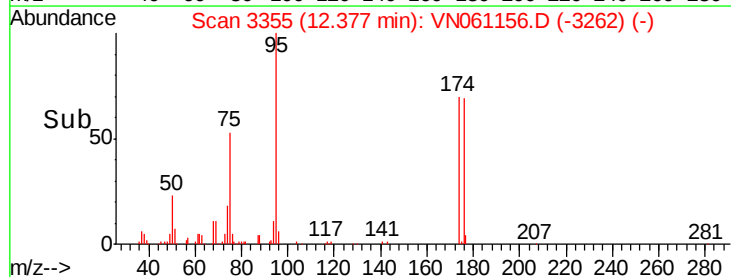
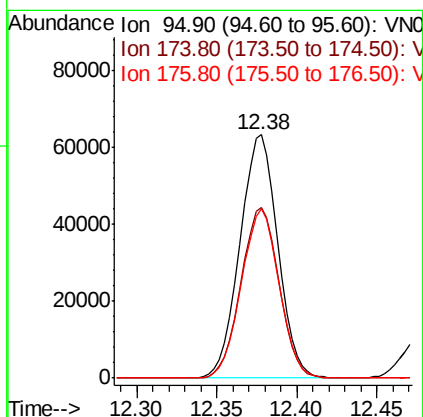
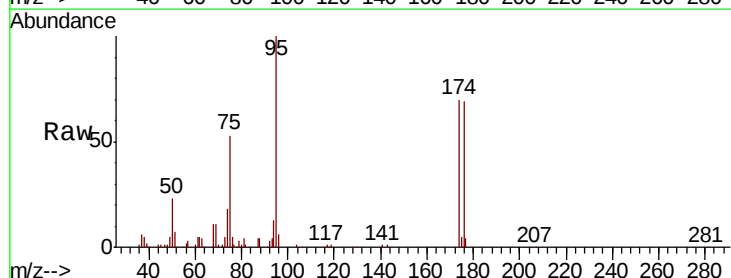
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN042720

Tot Ion:107 Resp: 81463
 Ion Ratio Lower Upper
 107 100
 109 93.5 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 50.024 ug/l
 RT: 12.38 min Scan# 3355
 Delta R.T. 0.00 min
 Lab File: VN061156.D
 Acq: 27 Apr 2020 18:44

Tgt Ion: 95 Resp: 102206
 Ion Ratio Lower Upper
 95 100
 174 70.8 0.0 149.4
 176 69.4 0.0 144.8

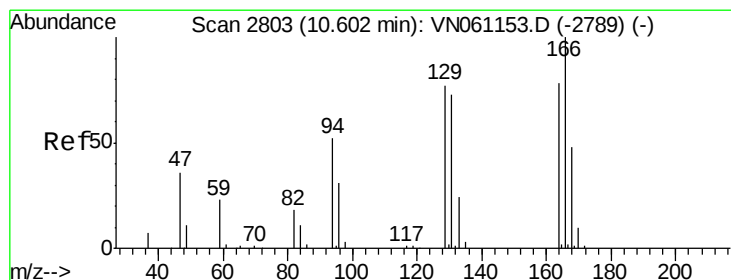
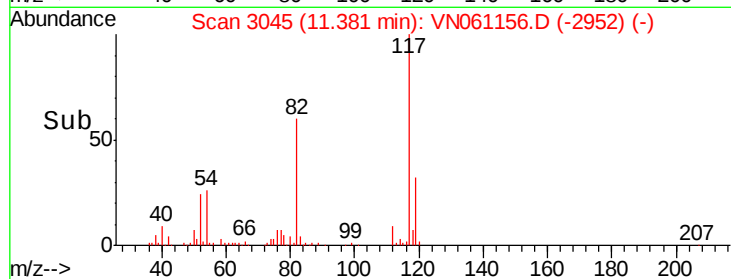
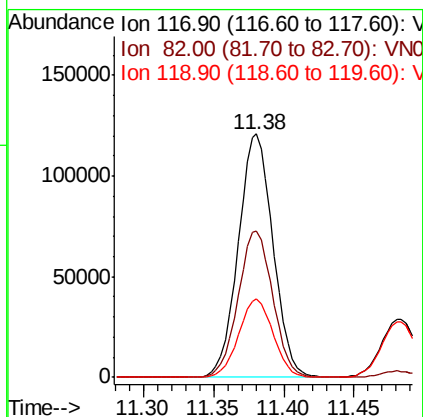
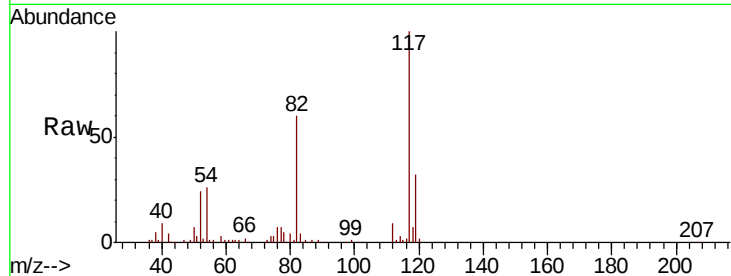




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061156.D
Acq: 27 Apr 2020 18:44

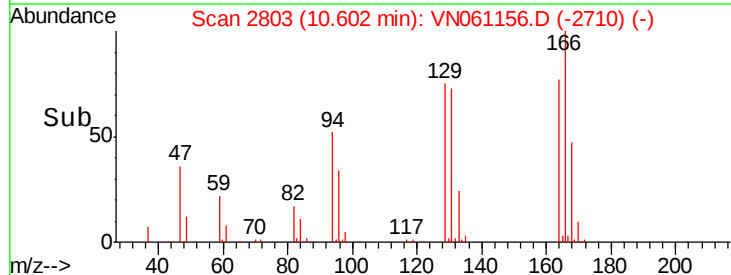
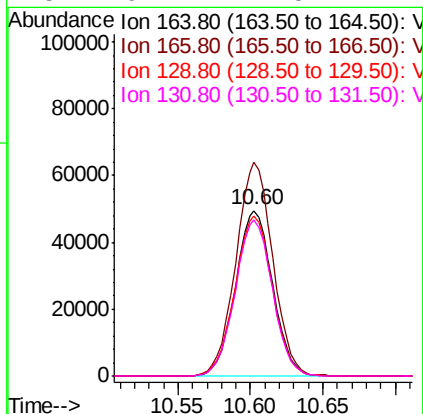
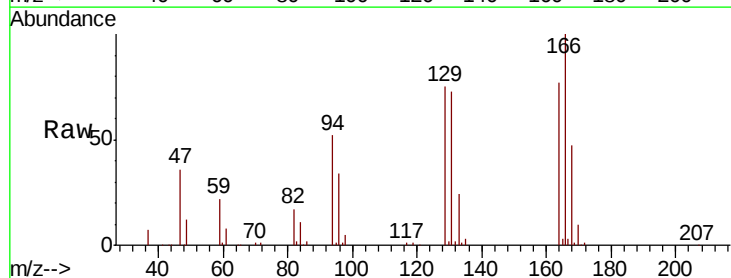
Instrument :
MSVOA_N
ClientSampleId :
ICVVN042720

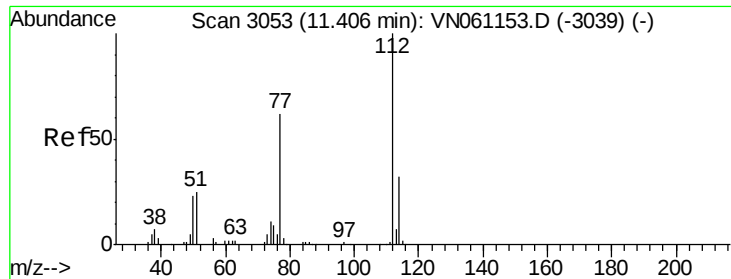
Tot Ion:117 Resp: 208764
Ion Ratio Lower Upper
117 100
82 60.3 47.8 71.8
119 32.0 25.8 38.6



#64
Tetrachloroethene
Concen: 48.573 ug/l
RT: 10.60 min Scan# 2803
Delta R.T. 0.00 min
Lab File: VN061156.D
Acq: 27 Apr 2020 18:44

Tgt Ion:164 Resp: 87826
Ion Ratio Lower Upper
164 100
166 129.3 102.0 153.0
129 97.0 78.2 117.2
131 94.4 74.5 111.7





#65

Chlorobenzene

Concen: 49.537 ug/l

RT: 11.41 min Scan# 3053

Delta R.T. 0.00 min

Lab File: VN061156.D

Acq: 27 Apr 2020 18:44

Instrument :

MSVOA_N

ClientSampleId :

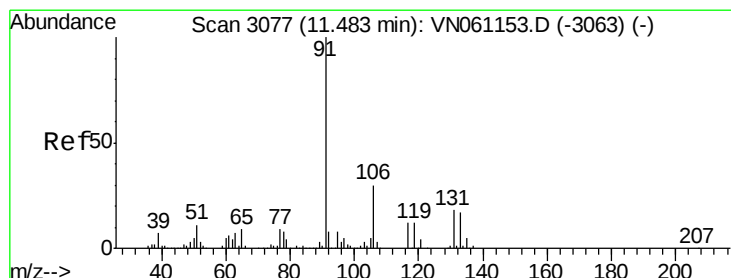
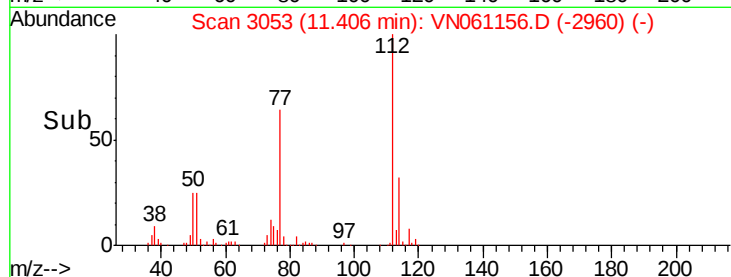
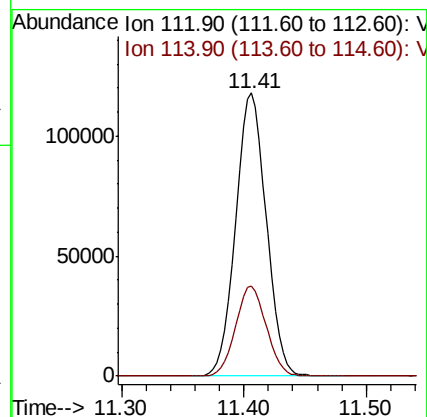
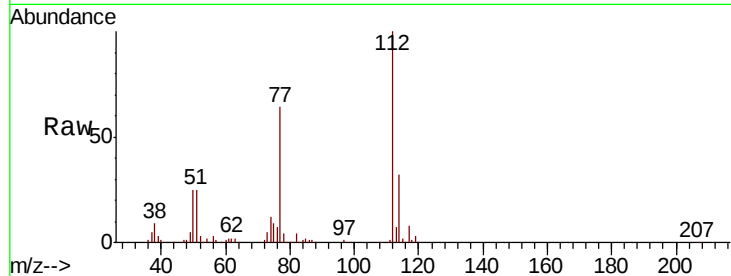
ICVVN042720

Tot Ion:112 Resp: 205141

Ion Ratio Lower Upper

112 100

114 31.7 25.4 38.2



#66

1,1,1,2-Tetrachloroethane

Concen: 50.738 ug/l

RT: 11.48 min Scan# 3076

Delta R.T. -0.00 min

Lab File: VN061156.D

Acq: 27 Apr 2020 18:44

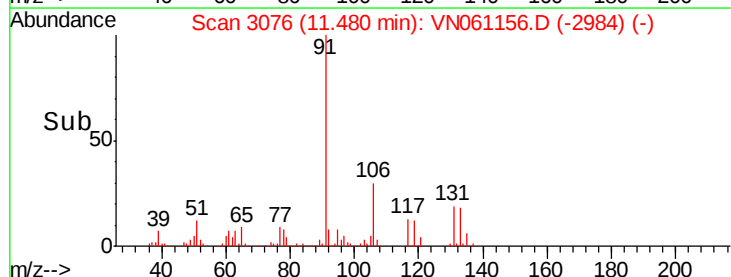
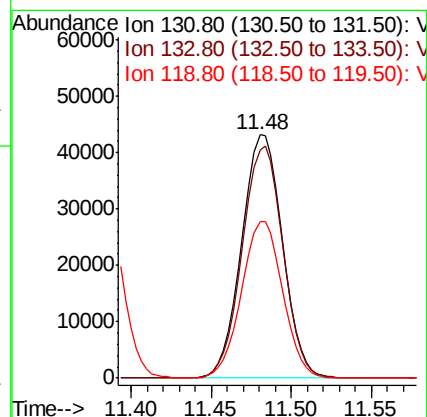
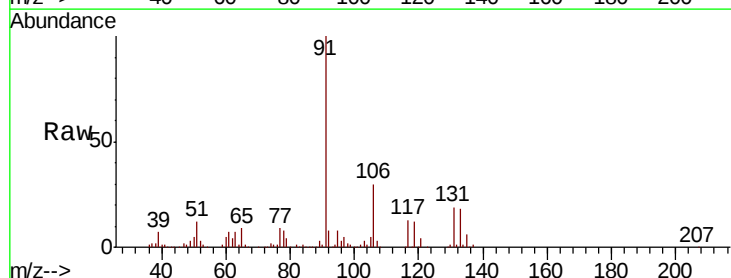
Tgt Ion:131 Resp: 75202

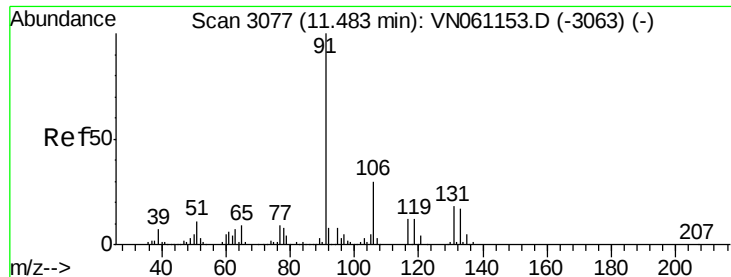
Ion Ratio Lower Upper

131 100

133 95.3 48.0 144.2

119 64.8 32.6 97.8





#67

Ethyl Benzene

Concen: 50.688 ug/l

RT: 11.48 min Scan# 3077

Delta R.T. 0.00 min

Lab File: VN061156.D

Acq: 27 Apr 2020 18:44

Instrument :

MSVOA_N

ClientSampled :

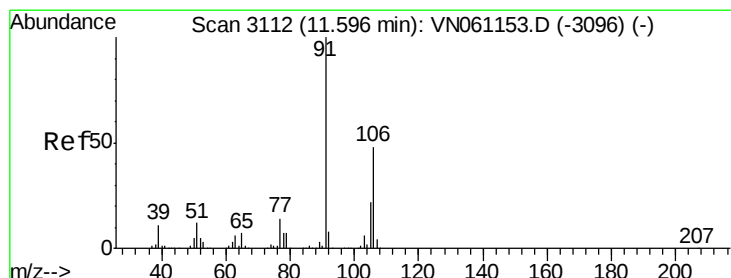
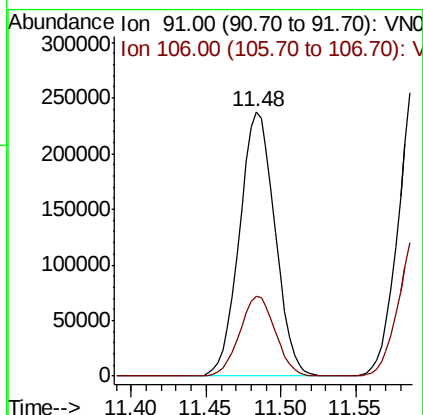
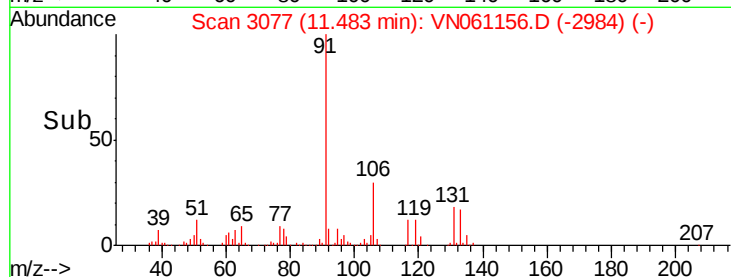
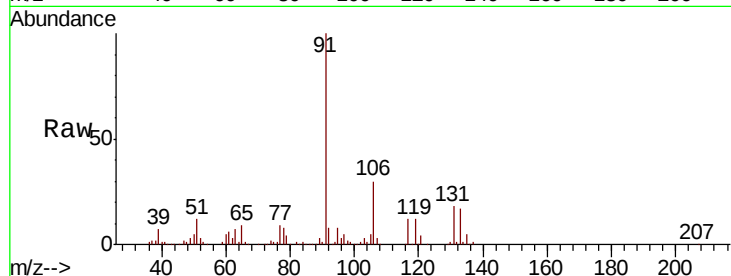
ICVVN042720

Tot Ion: 91 Resp: 392945

Ion Ratio Lower Upper

91 100

106 30.3 23.8 35.6



#68

m/p-Xylenes

Concen: 101.238 ug/l

RT: 11.60 min Scan# 3112

Delta R.T. 0.00 min

Lab File: VN061156.D

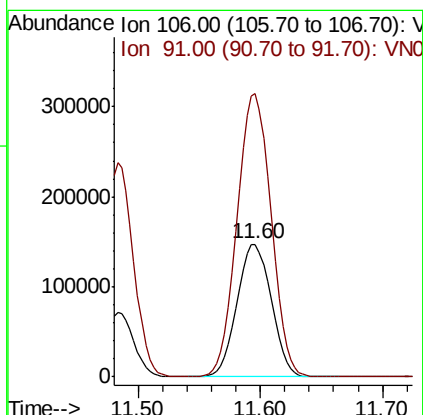
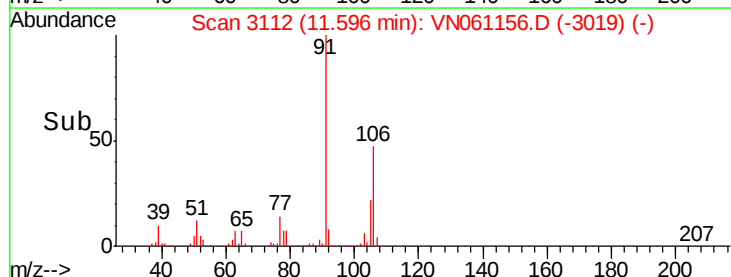
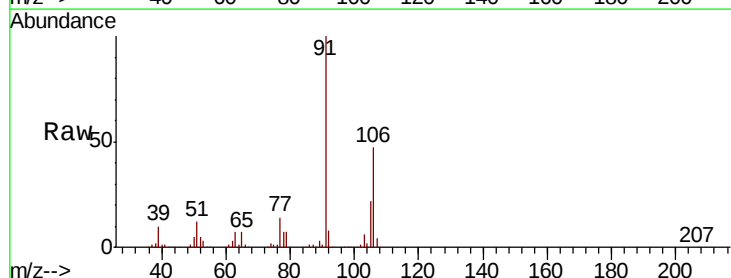
Acq: 27 Apr 2020 18:44

Tgt Ion: 106 Resp: 287267

Ion Ratio Lower Upper

106 100

91 211.0 166.4 249.6

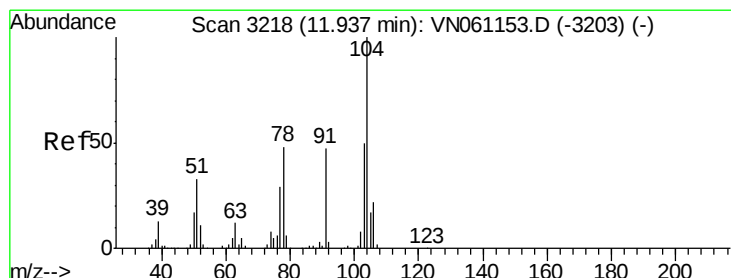
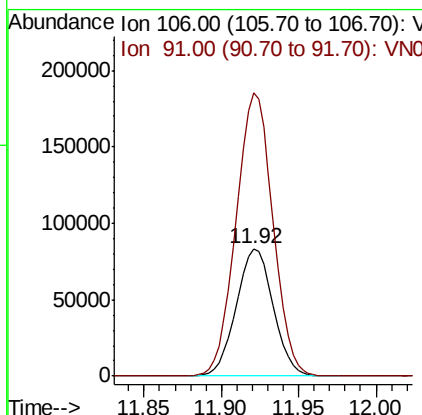
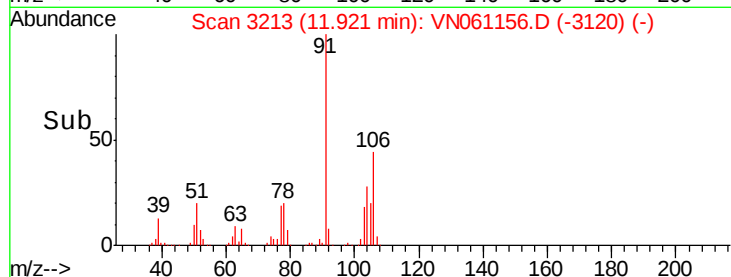
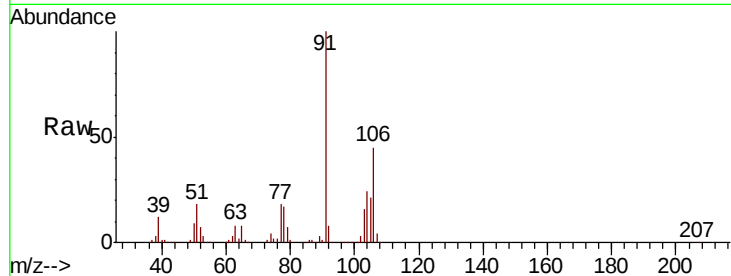




#69
o-Xylene
Concen: 50.808 ug/l
RT: 11.92 min Scan# 3213
Delta R.T. 0.00 min
Lab File: VN061156.D
Acq: 27 Apr 2020 18:44

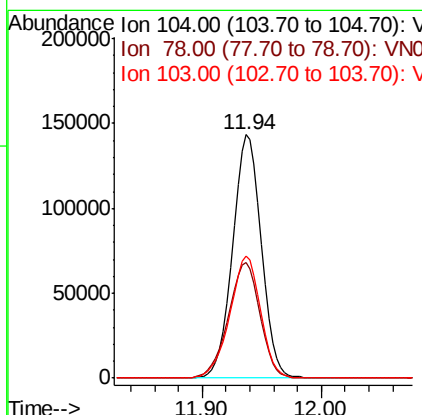
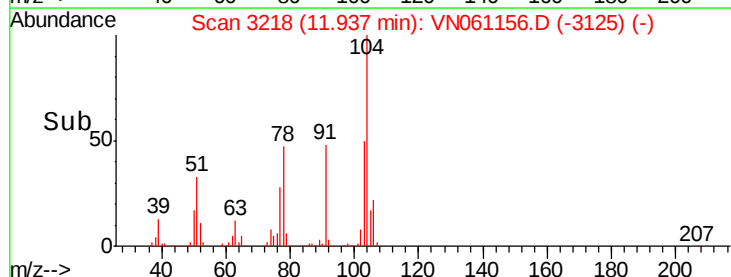
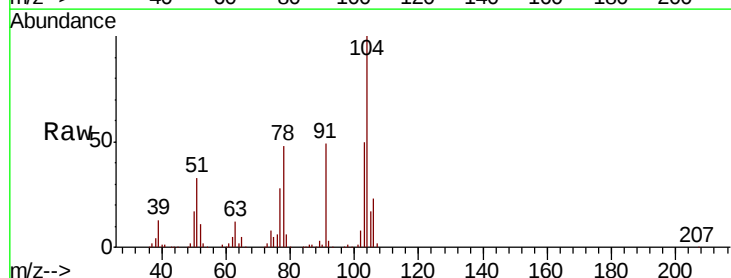
Instrument :
MSVOA_N
ClientSampleId :
ICVVN042720

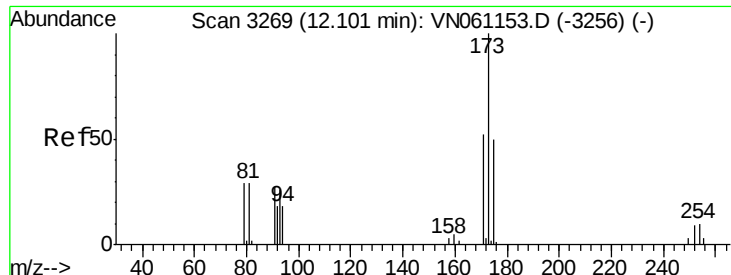
Tot Ion:106 Resp: 138485
Ion Ratio Lower Upper
106 100
91 221.9 109.7 329.0



#70
Styrene
Concen: 52.488 ug/l
RT: 11.94 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN061156.D
Acq: 27 Apr 2020 18:44

Tgt Ion:104 Resp: 239445
Ion Ratio Lower Upper
104 100
78 52.5 42.1 63.1
103 53.7 43.3 64.9





#71

Bromoform

Concen: 53.121 ug/l

RT: 12.10 min Scan# 3269

Delta R.T. 0.00 min

Lab File: VN061156.D

Acq: 27 Apr 2020 18:44

Instrument :

MSVOA_N

ClientSampleId :

ICVVN042720

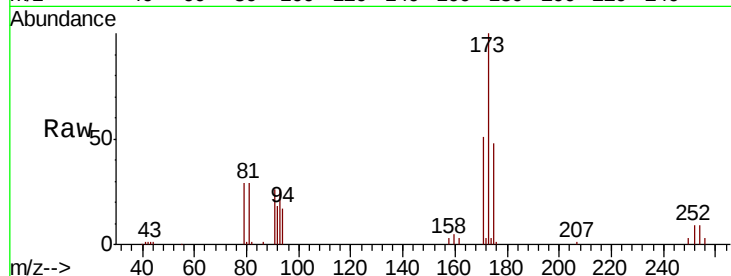
Tot Ion:173 Resp: 57865

Ion Ratio Lower Upper

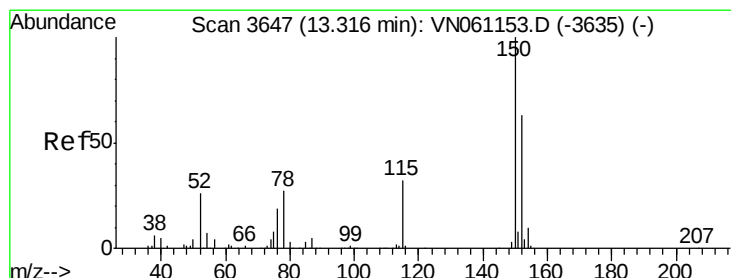
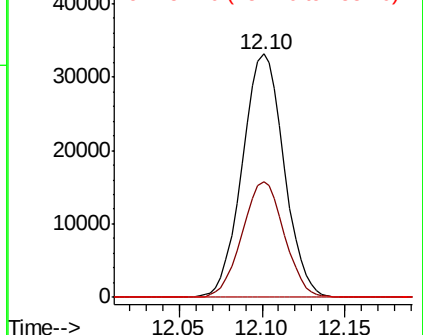
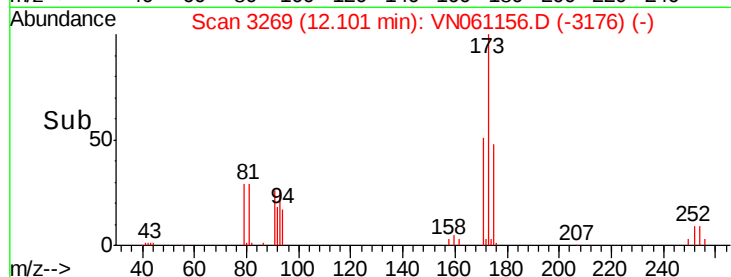
173 100

175 47.8 24.1 72.4

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3648

Delta R.T. 0.00 min

Lab File: VN061156.D

Acq: 27 Apr 2020 18:44

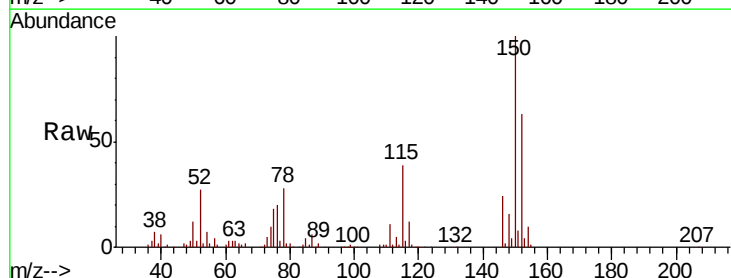
Tgt Ion:152 Resp: 101477

Ion Ratio Lower Upper

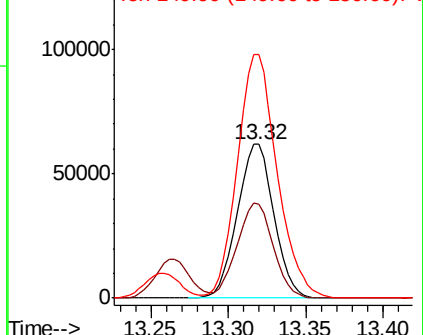
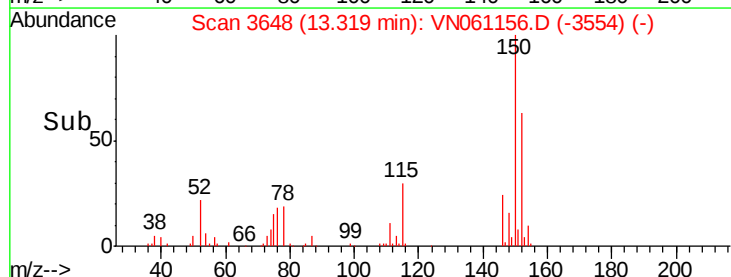
152 100

115 61.4 31.0 93.0

150 172.5 0.0 351.8



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





#73

Isopropylbenzene

Concen: 50.456 ug/l

RT: 12.22 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN061156.D

Acq: 27 Apr 2020 18:44

Instrument :

MSVOA_N

ClientSampled :

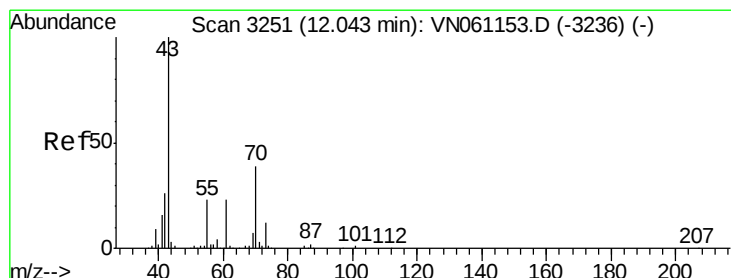
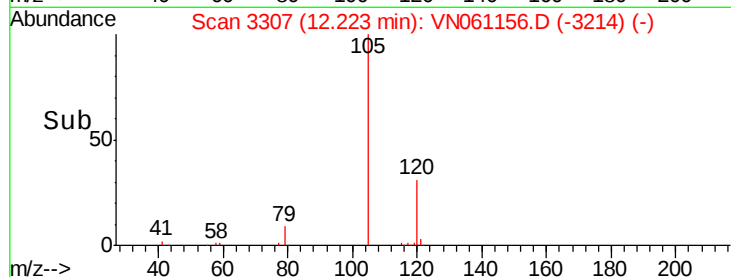
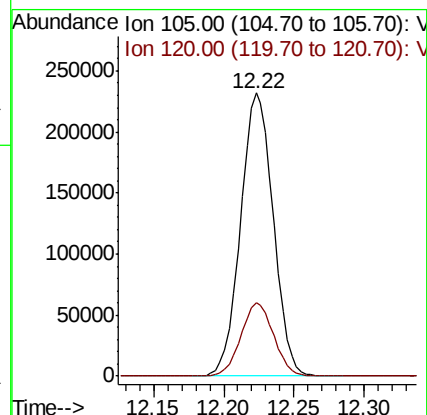
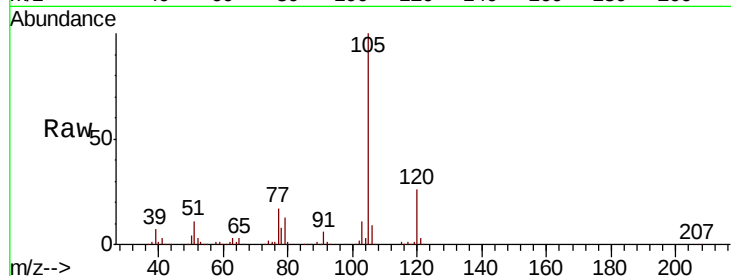
ICVVN042720

Tot Ion:105 Resp: 376408

Ion Ratio Lower Upper

105 100

120 25.8 12.6 37.8



#74

N-ethyl acetate

Concen: 52.352 ug/l

RT: 12.04 min Scan# 3251

Delta R.T. 0.00 min

Lab File: VN061156.D

Acq: 27 Apr 2020 18:44

Tgt Ion: 43 Resp: 197767

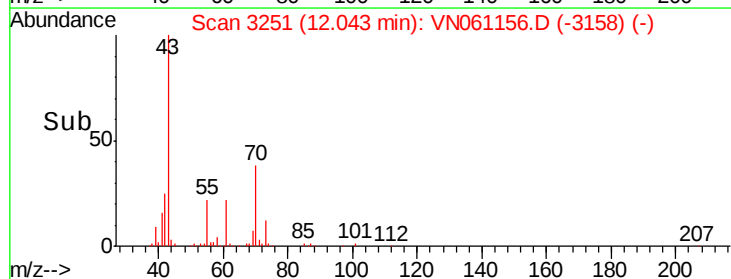
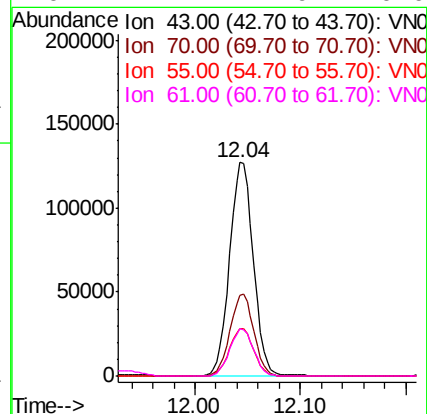
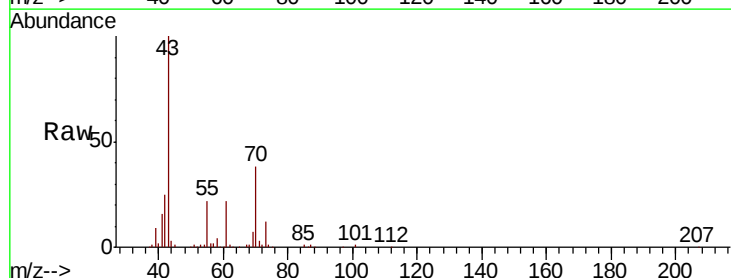
Ion Ratio Lower Upper

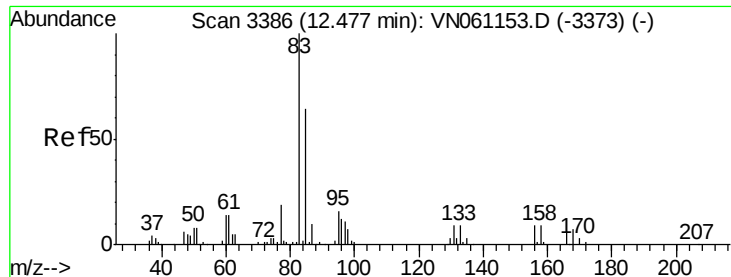
43 100

70 38.1 30.6 46.0

55 22.6 18.5 27.7

61 22.1 17.9 26.9





#75

1,1,2,2-Tetrachloroethane

Concen: 49.911 ug/l

RT: 12.48 min Scan# 3386

Delta R.T. 0.00 min

Lab File: VN061156.D

Acq: 27 Apr 2020 18:44

Instrument :

MSVOA_N

ClientSampleId :

ICVVN042720

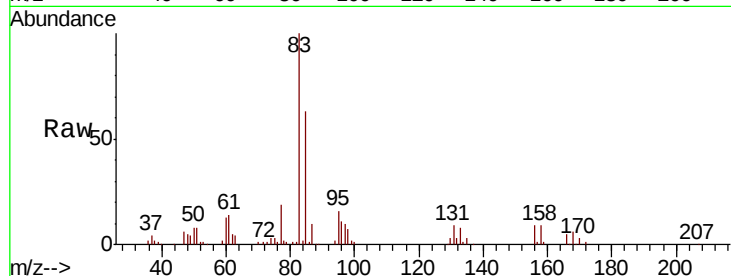
Tot Ion: 83 Resp: 116101

Ion Ratio Lower Upper

83 100

131 9.5 4.8 14.3

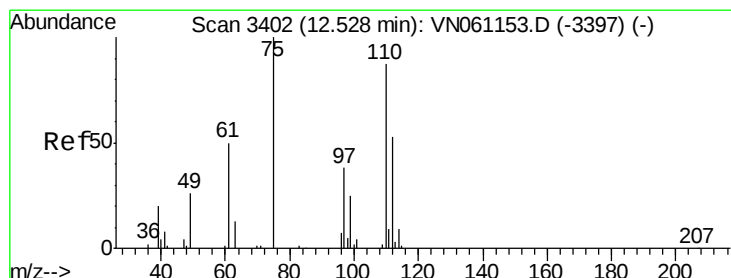
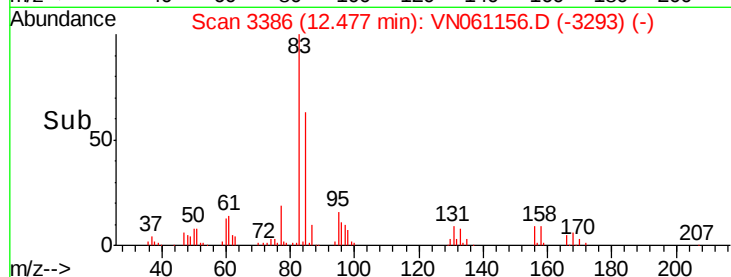
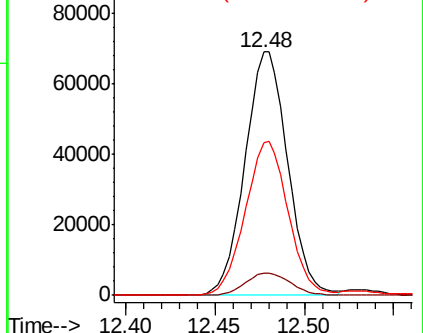
85 63.2 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VN061156.D (-3393) (-)

Ion 130.80 (130.50 to 131.50): VN061156.D (-3393) (-)

Ion 84.90 (84.60 to 85.60): VN061156.D (-3393) (-)



#76

1,2,3-Trichloropropane

Concen: 76.173 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN061156.D

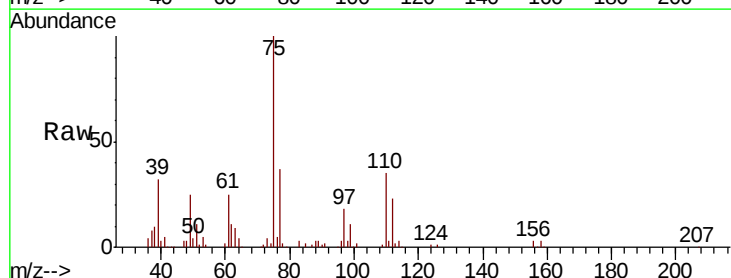
Acq: 27 Apr 2020 18:44

Tgt Ion: 75 Resp: 162965

Ion Ratio Lower Upper

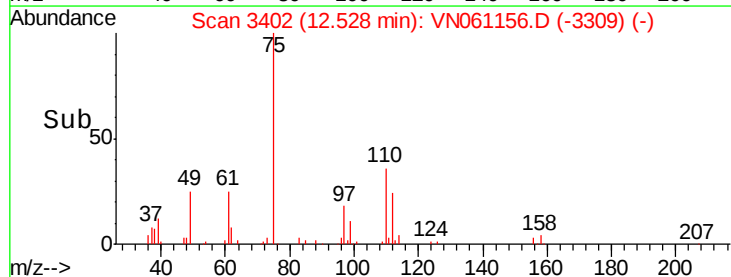
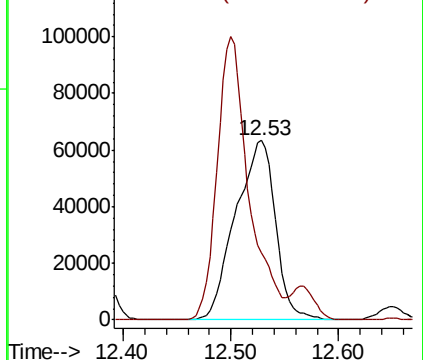
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN061156.D (-3309) (-)

Ion 77.00 (76.70 to 77.70): VN061156.D (-3309) (-)





#77

Bromobenzene

Concen: 49.691 ug/l

RT: 12.50 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN061156.D

Acq: 27 Apr 2020 18:44

Instrument :

MSVOA_N

ClientSampleId :

ICVVN042720

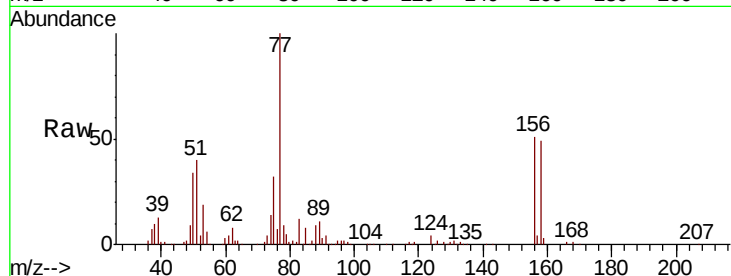
Tot Ion:156 Resp: 85574

Ion Ratio Lower Upper

156 100

77 239.1 117.4 352.2

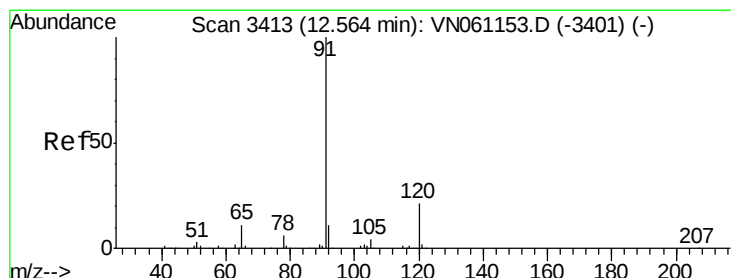
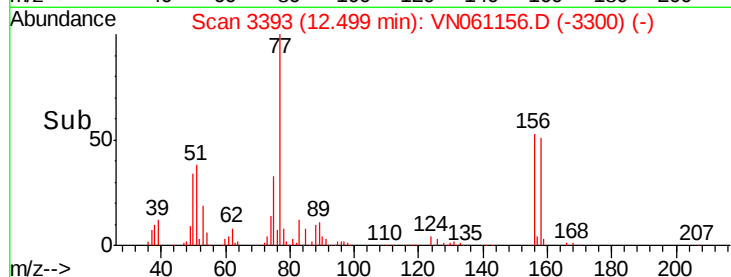
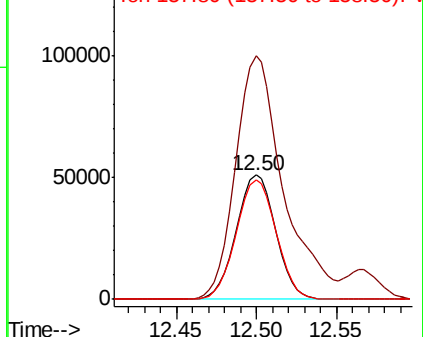
158 97.4 48.4 145.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.676 ug/l

RT: 12.57 min Scan# 3414

Delta R.T. 0.00 min

Lab File: VN061156.D

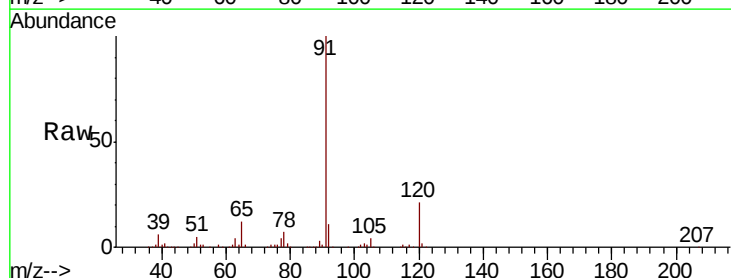
Acq: 27 Apr 2020 18:44

Tgt Ion: 91 Resp: 448403

Ion Ratio Lower Upper

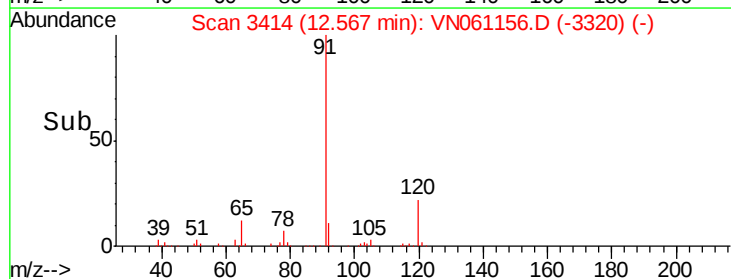
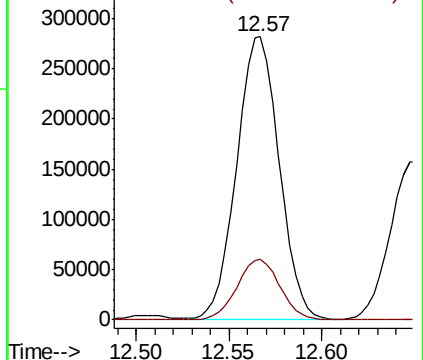
91 100

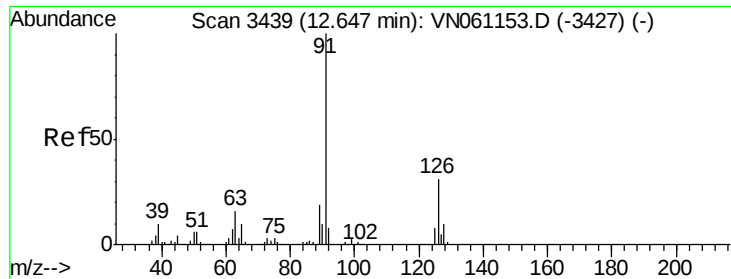
120 21.6 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.239 ug/l

RT: 12.65 min Scan# 3439

Delta R.T. 0.00 min

Lab File: VN061156.D

Acq: 27 Apr 2020 18:44

Instrument :

MSVOA_N

ClientSampled :

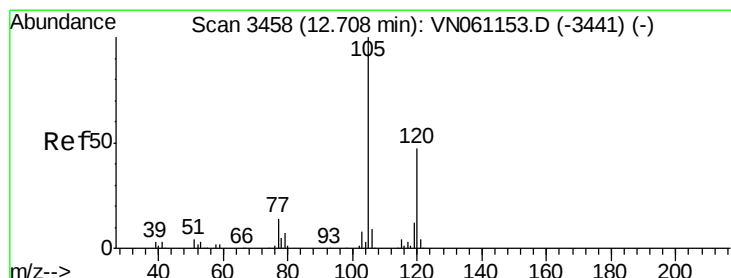
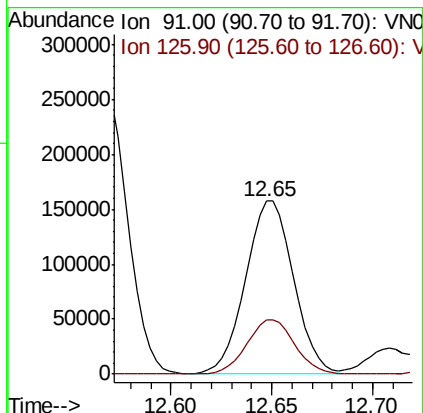
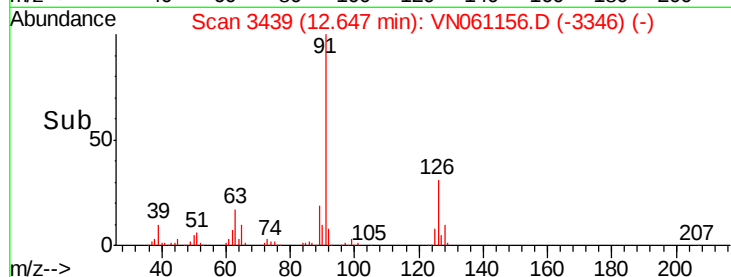
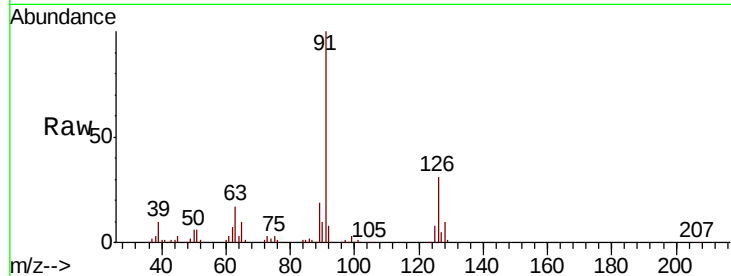
ICVVN042720

Tot Ion: 91 Resp: 261286

Ion Ratio Lower Upper

91 100

126 31.7 15.9 47.7



#80

1,3,5-Trimethylbenzene

Concen: 51.118 ug/l

RT: 12.71 min Scan# 3458

Delta R.T. 0.00 min

Lab File: VN061156.D

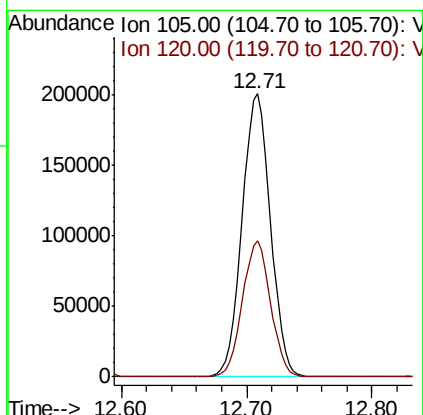
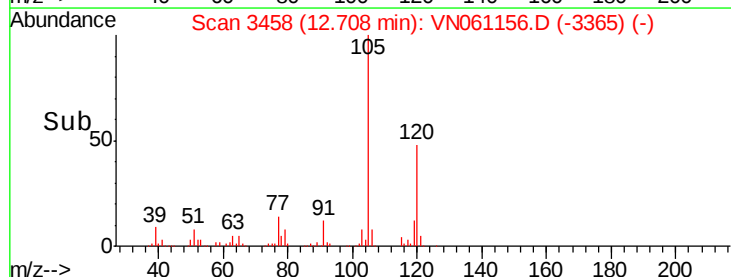
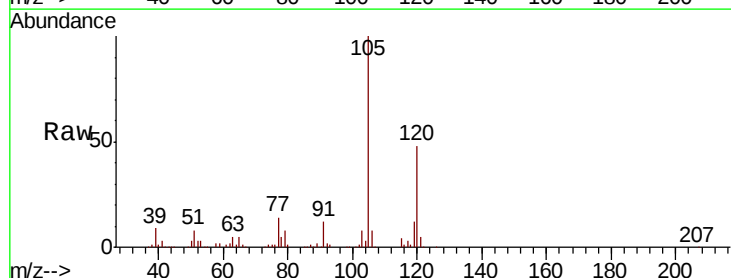
Acq: 27 Apr 2020 18:44

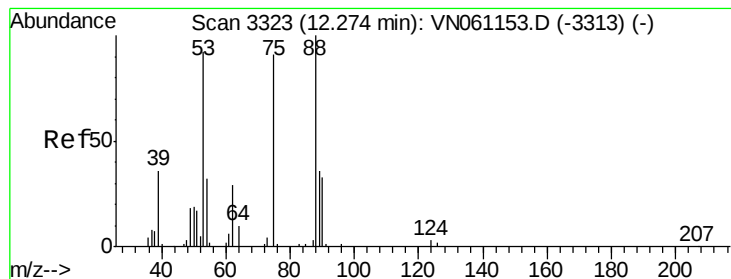
Tgt Ion:105 Resp: 315623

Ion Ratio Lower Upper

105 100

120 47.7 23.9 71.7





#81

trans-1,4-Dichloro-2-butene

Concen: 51.487 ug/l

RT: 12.27 min Scan# 3323

Delta R.T. 0.00 min

Lab File: VN061156.D

Acq: 27 Apr 2020 18:44

Instrument :

MSVOA_N

ClientSampleId :

ICVVN042720

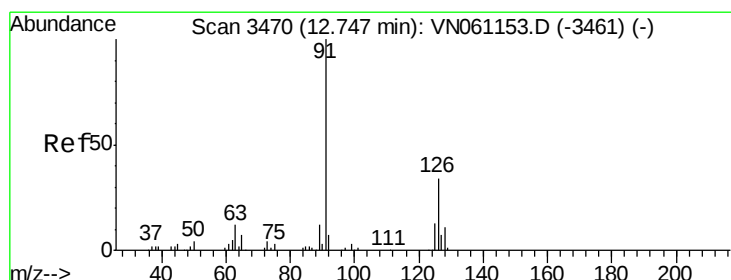
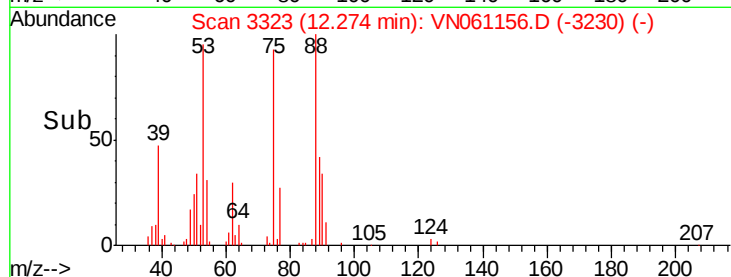
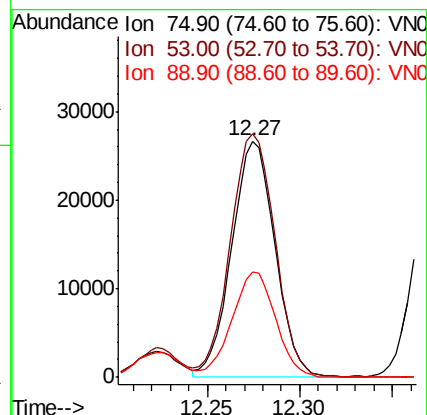
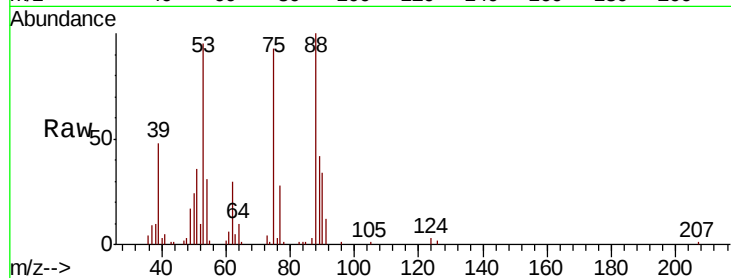
Tot Ion: 75 Resp: 43376

Ion Ratio Lower Upper

75 100

53 106.2 84.1 126.1

89 44.8 35.2 52.8



#82

4-Chlorotoluene

Concen: 50.414 ug/l

RT: 12.75 min Scan# 3470

Delta R.T. 0.00 min

Lab File: VN061156.D

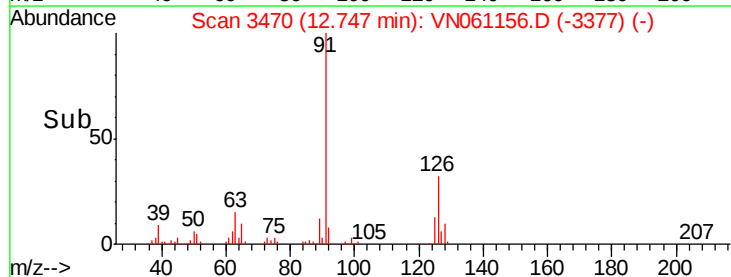
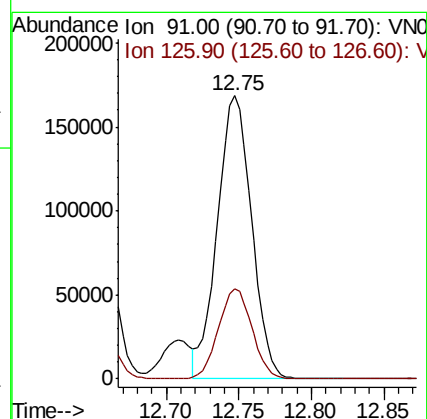
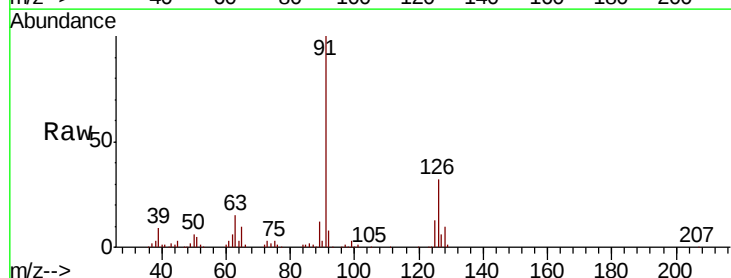
Acq: 27 Apr 2020 18:44

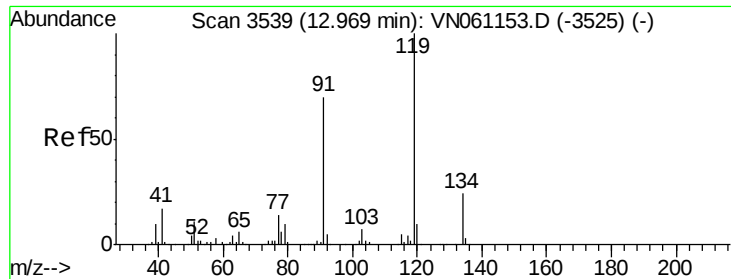
Tgt Ion: 91 Resp: 276348

Ion Ratio Lower Upper

91 100

126 31.3 15.7 47.1

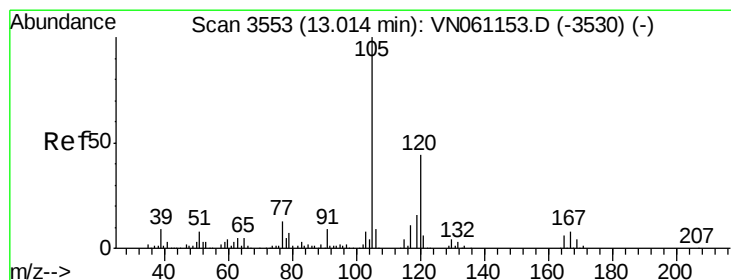
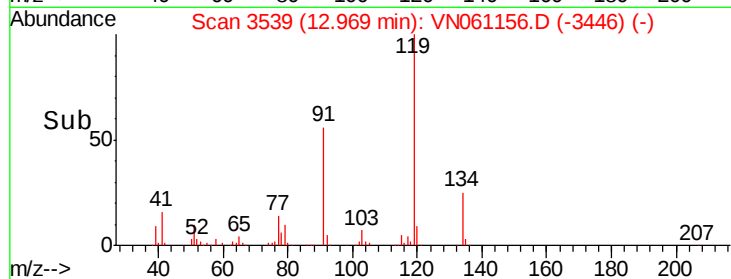
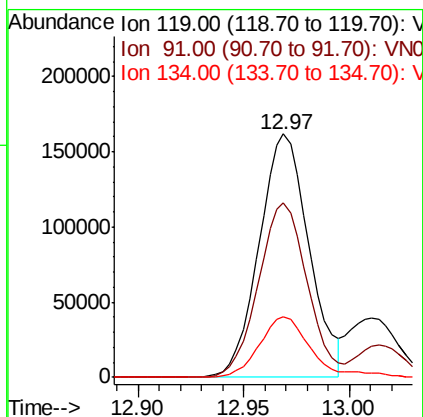
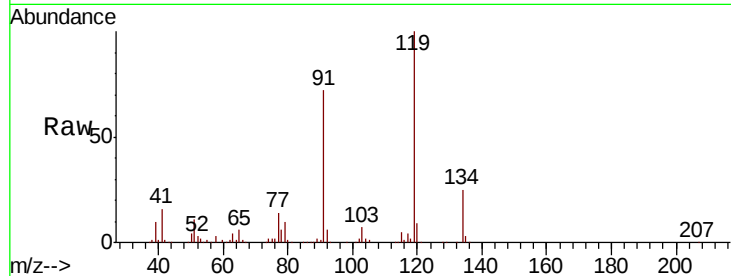




#83
tert-Butylbenzene
Concen: 51.074 ug/l
RT: 12.97 min Scan# 3539
Delta R.T. 0.00 min
Lab File: VN061156.D
Acq: 27 Apr 2020 18:44

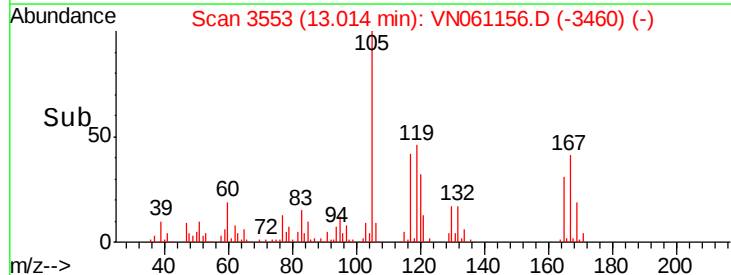
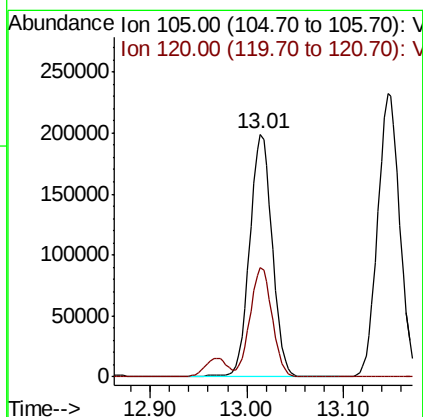
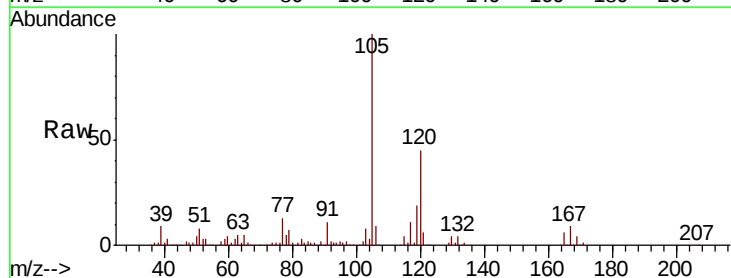
Instrument :
MSVOA_N
ClientSampleId :
ICVVN042720

Tot Ion:119 Resp: 265905
Ion Ratio Lower Upper
119 100
91 70.3 34.8 104.4
134 25.8 12.9 38.7



#84
1,2,4-Trimethylbenzene
Concen: 50.547 ug/l
RT: 13.01 min Scan# 3553
Delta R.T. 0.00 min
Lab File: VN061156.D
Acq: 27 Apr 2020 18:44

Tgt Ion:105 Resp: 321547
Ion Ratio Lower Upper
105 100
120 44.3 22.2 66.6

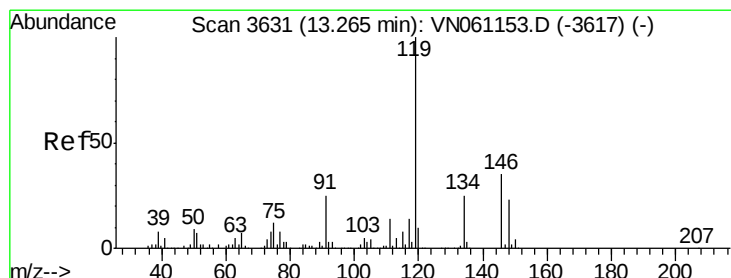
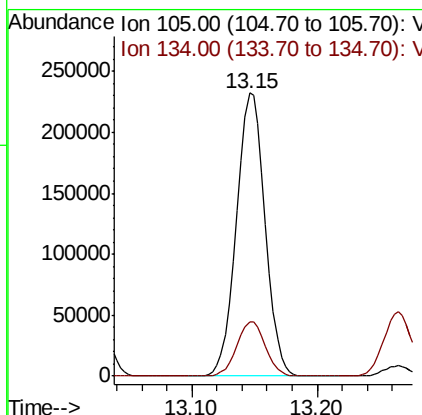
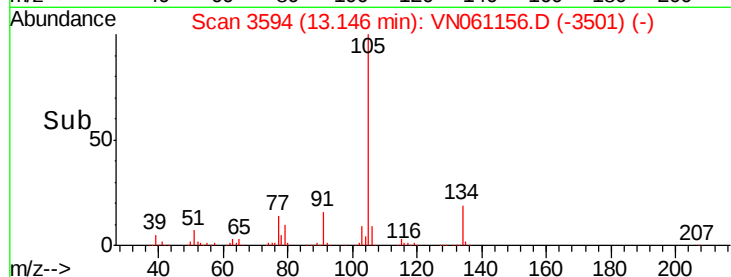
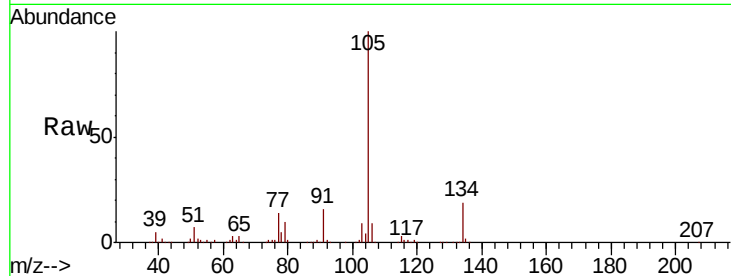




#85
 sec-Butylbenzene
 Concen: 51.759 ug/l
 RT: 13.15 min Scan# 3594
 Delta R.T. 0.00 min
 Lab File: VN061156.D
 Acq: 27 Apr 2020 18:44

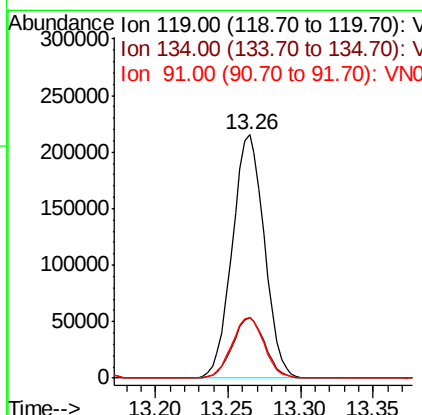
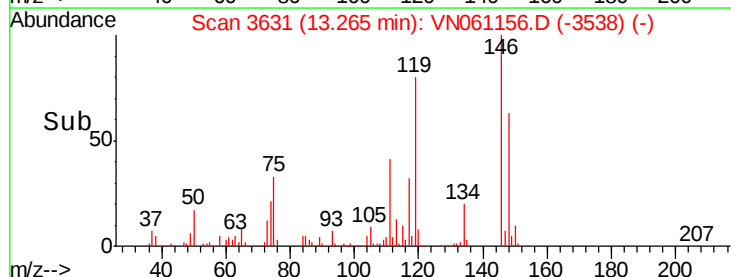
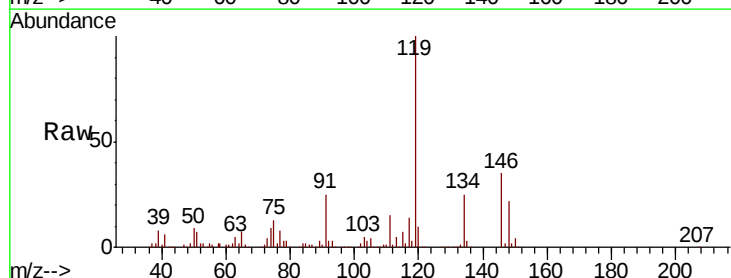
Instrument :
 MSVOA_N
 ClientSampled :
 ICVVN042720

Tot Ion:105 Resp: 367394
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.6 28.8



#86
 p-Isopropyltoluene
 Concen: 51.478 ug/l
 RT: 13.26 min Scan# 3631
 Delta R.T. 0.00 min
 Lab File: VN061156.D
 Acq: 27 Apr 2020 18:44

Tgt Ion:119 Resp: 329215
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.6 37.6
 91 25.3 12.7 38.0

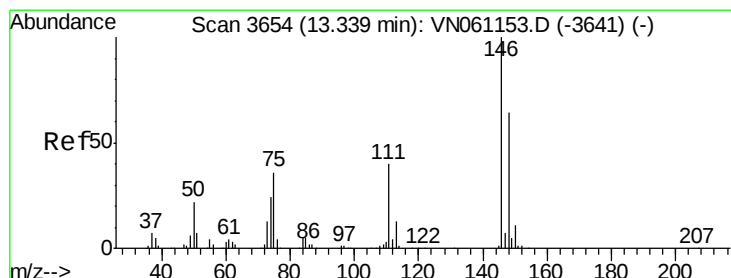
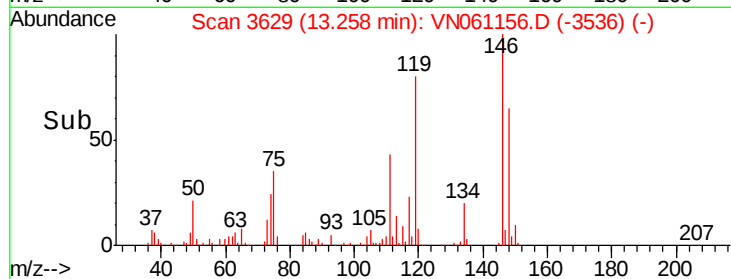
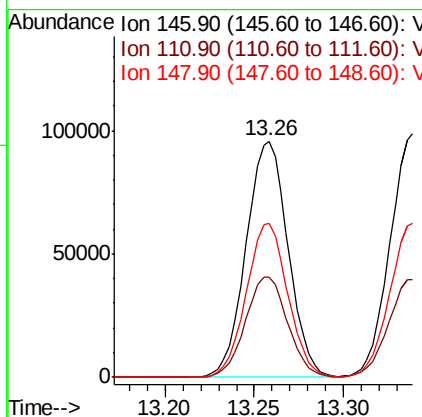
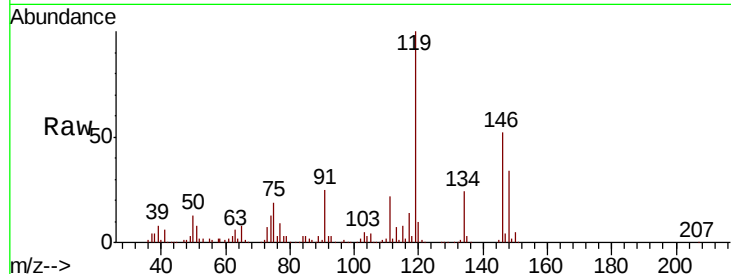




#87
 1,3-Dichlorobenzene
 Concen: 49.661 ug/l
 RT: 13.26 min Scan# 3629
 Delta R.T. 0.00 min
 Lab File: VN061156.D
 Acq: 27 Apr 2020 18:44

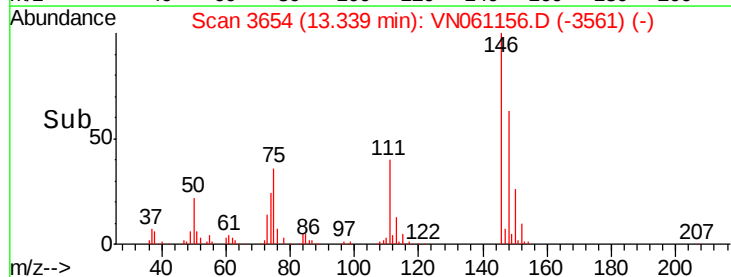
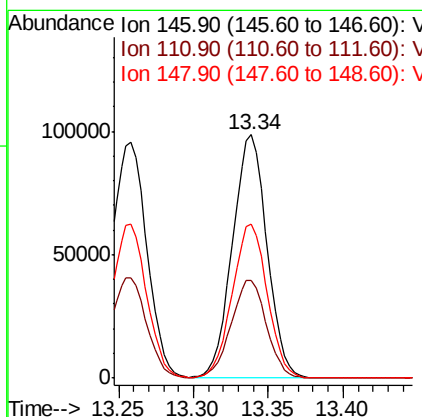
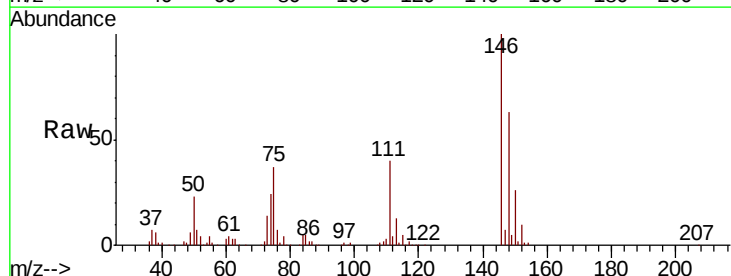
Instrument :
 MSVOA_N
 ClientSampled :
 ICVVN042720

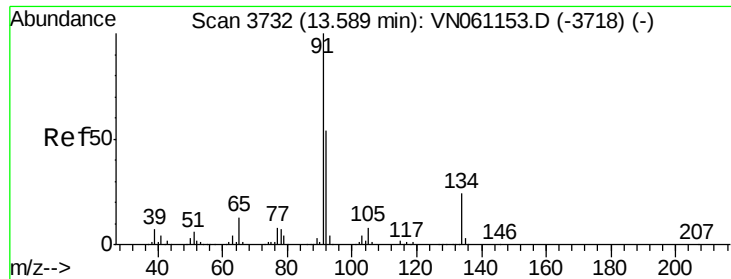
Tot Ion:146 Resp: 157440
 Ion Ratio Lower Upper
 146 100
 111 42.7 20.7 62.1
 148 64.2 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 48.952 ug/l
 RT: 13.34 min Scan# 3654
 Delta R.T. 0.00 min
 Lab File: VN061156.D
 Acq: 27 Apr 2020 18:44

Tgt Ion:146 Resp: 158566
 Ion Ratio Lower Upper
 146 100
 111 41.3 20.4 61.3
 148 64.2 31.9 95.7

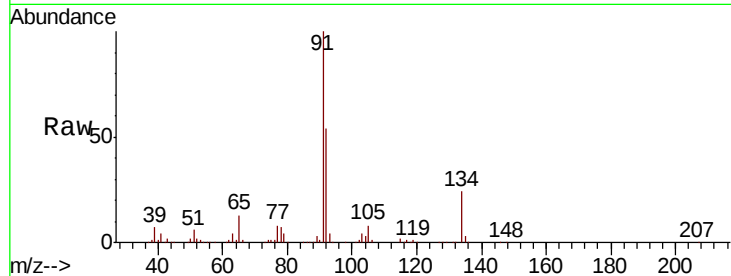




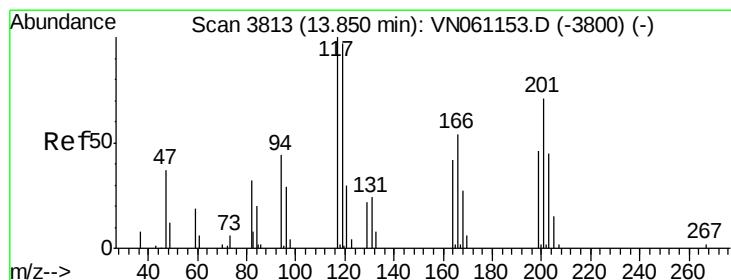
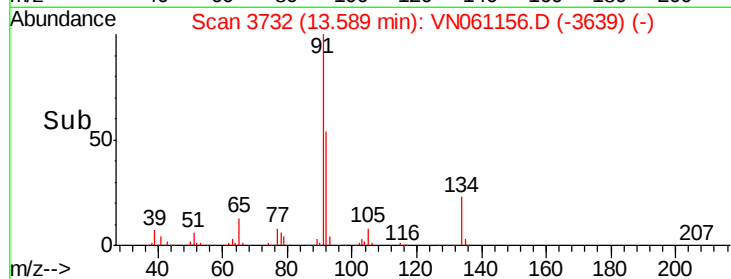
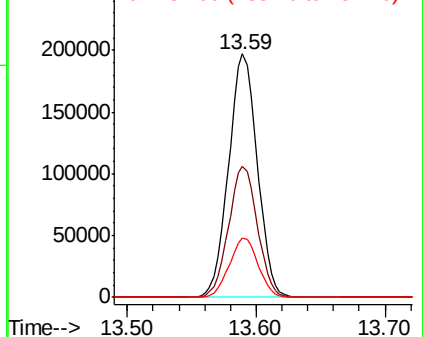
#89
n-Butylbenzene
Concen: 51.815 ug/l
RT: 13.59 min Scan# 3732
Delta R.T. 0.00 min
Lab File: VN061156.D
Acq: 27 Apr 2020 18:44

Instrument :
MSVOA_N
ClientSampled :
ICVVN042720

Tot Ion: 91 Resp: 303786
Ion Ratio Lower Upper
91 100
92 53.9 26.8 80.3
134 24.4 11.9 35.5

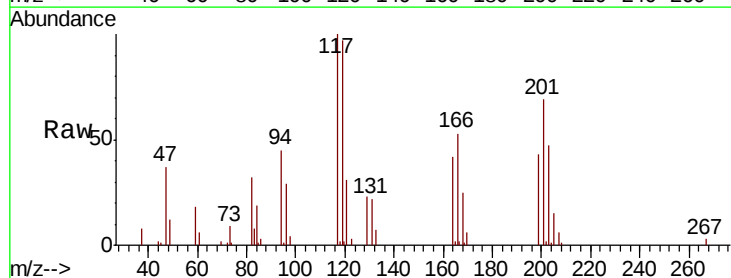


Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 92.00 (91.70 to 92.70): VN0
Ion 134.00 (133.70 to 134.70): VN0

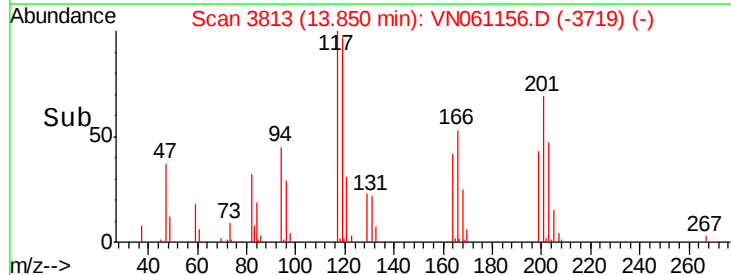
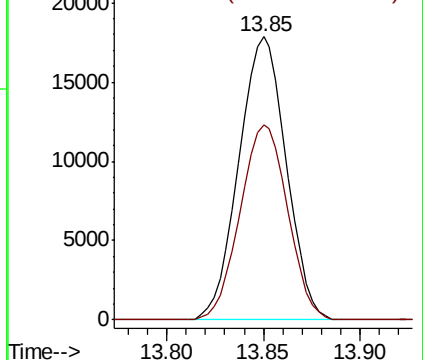


#90
Hexachloroethane
Concen: 46.172 ug/l
RT: 13.85 min Scan# 3813
Delta R.T. 0.00 min
Lab File: VN061156.D
Acq: 27 Apr 2020 18:44

Tgt Ion: 117 Resp: 30340
Ion Ratio Lower Upper
117 100
201 69.3 35.5 106.7



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

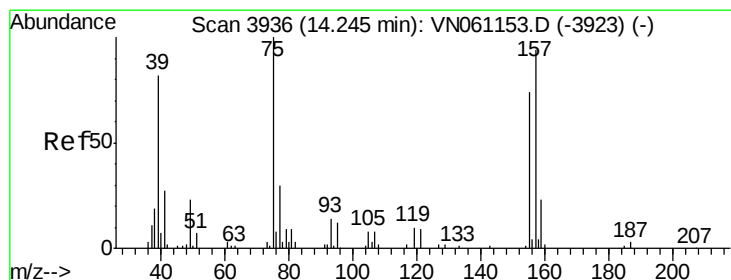
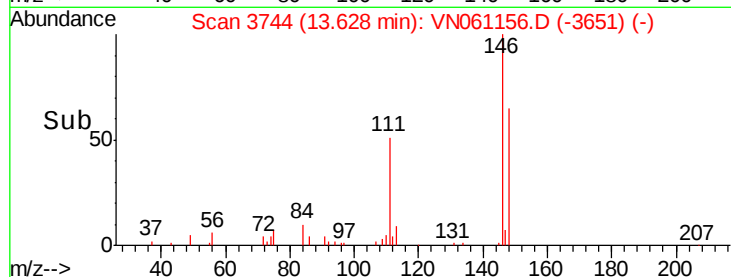
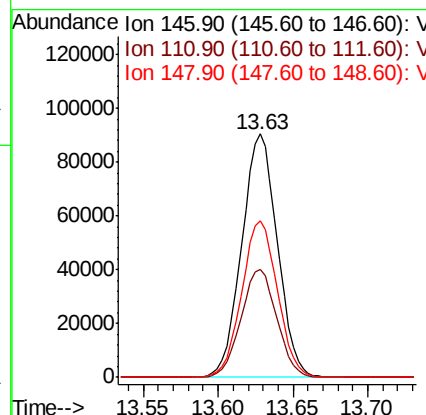
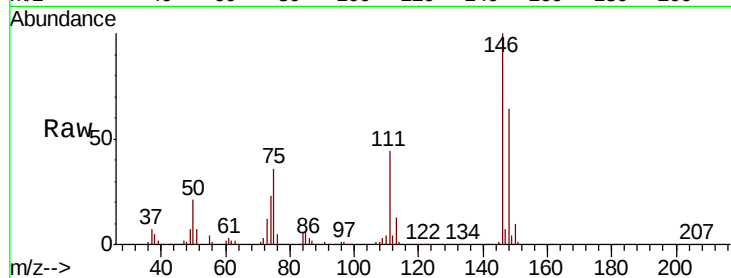




#91
 1,2-Dichlorobenzene
 Concen: 49.234 ug/l
 RT: 13.63 min Scan# 3744
 Delta R.T. 0.00 min
 Lab File: VN061156.D
 Acq: 27 Apr 2020 18:44

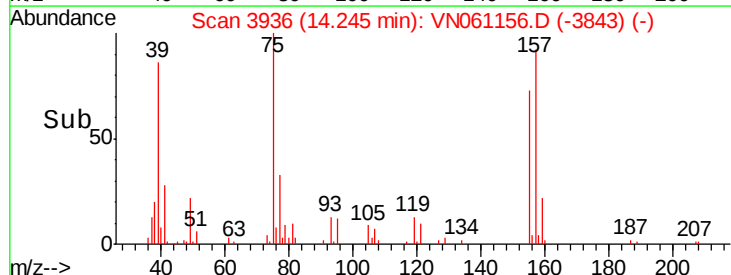
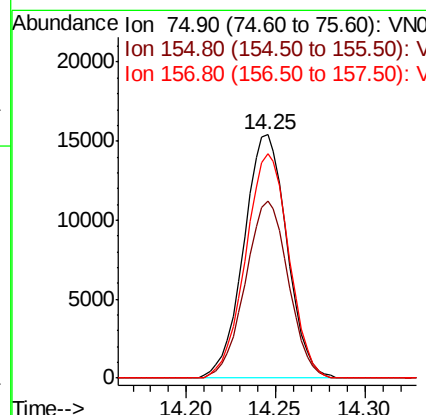
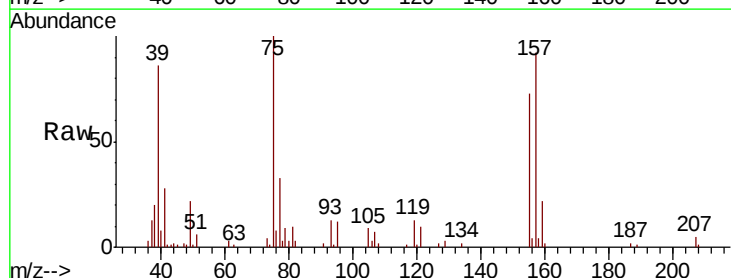
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN042720

Tot Ion:146 Resp: 149661
 Ion Ratio Lower Upper
 146 100
 111 44.7 21.8 65.3
 148 64.6 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.976 ug/l
 RT: 14.25 min Scan# 3936
 Delta R.T. 0.00 min
 Lab File: VN061156.D
 Acq: 27 Apr 2020 18:44

Tgt Ion: 75 Resp: 26026
 Ion Ratio Lower Upper
 75 100
 155 72.3 36.5 109.7
 157 92.2 46.6 139.7

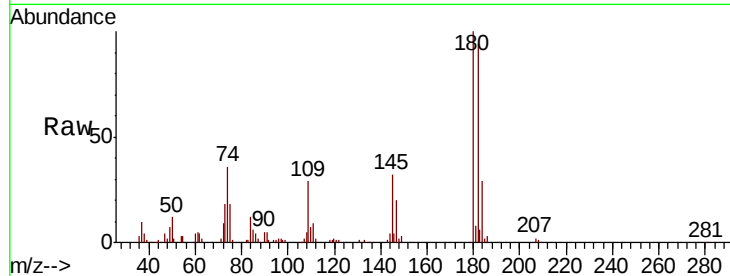




#93
 1,2,4-Trichlorobenzene
 Concen: 51.251 ug/l
 RT: 14.88 min Scan# 4134
 Delta R.T. -0.00 min
 Lab File: VN061156.D
 Acq: 27 Apr 2020 18:44

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN042720

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.3	141.9
145	31.8	16.0	47.9

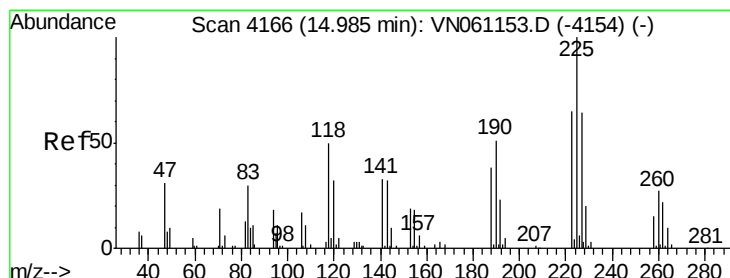
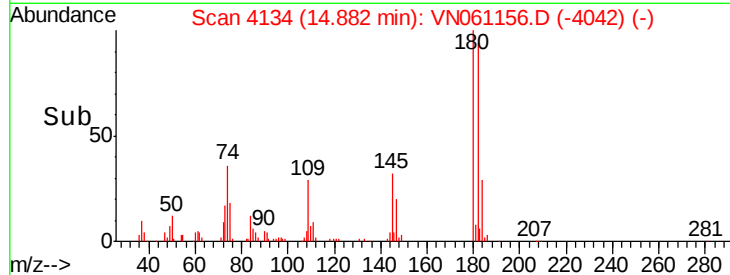
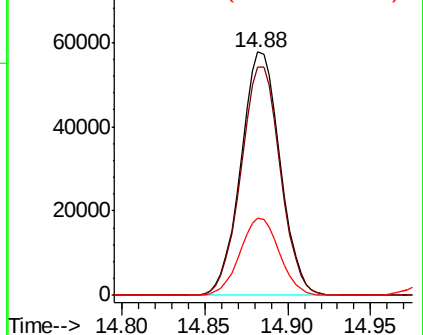


Abundance

Ion 179.80 (179.50 to 180.50): V

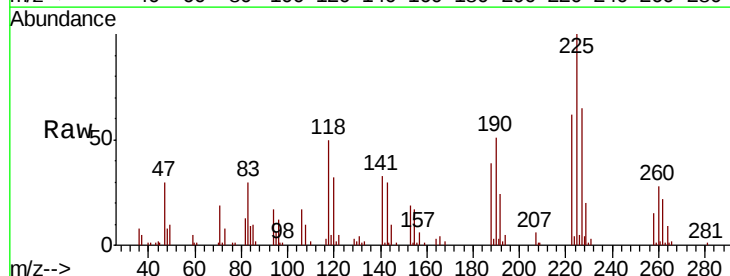
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 50.645 ug/l
 RT: 14.98 min Scan# 4166
 Delta R.T. 0.00 min
 Lab File: VN061156.D
 Acq: 27 Apr 2020 18:44

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	32.4	97.0
227	64.7	32.4	97.0

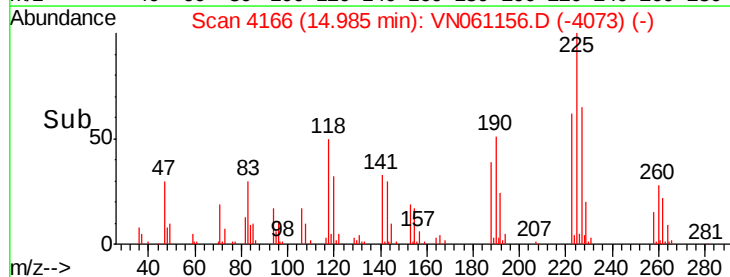
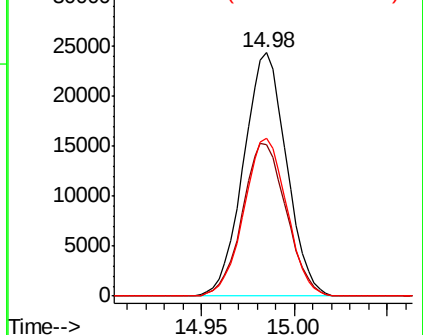


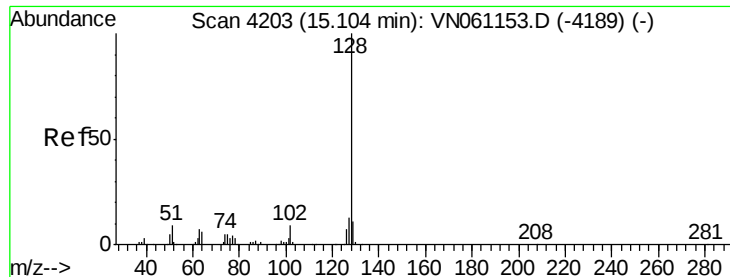
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

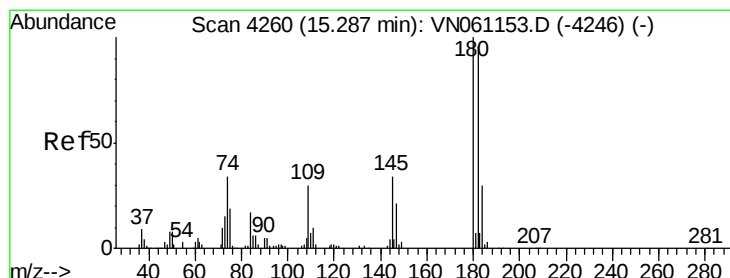
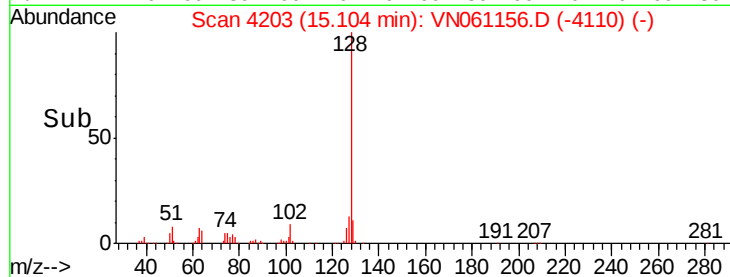
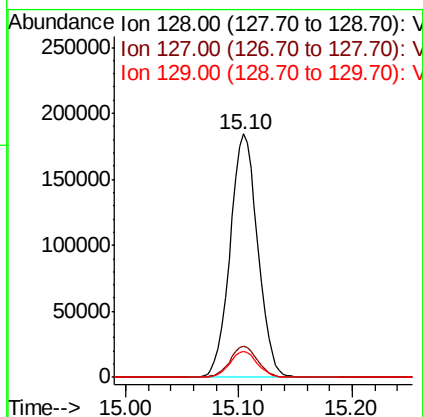
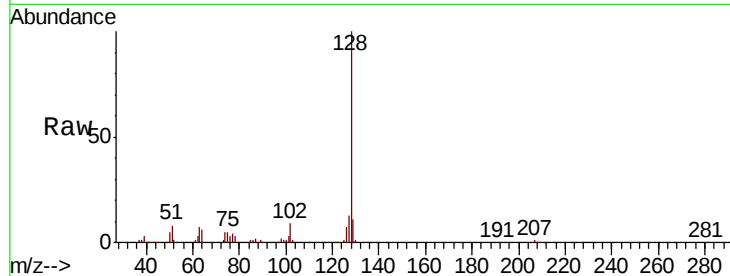




#95
Naphthalene
Concen: 51.940 ug/l
RT: 15.10 min Scan# 4203
Delta R.T. 0.00 min
Lab File: VN061156.D
Acq: 27 Apr 2020 18:44

Instrument :
MSVOA_N
ClientSampleId :
ICVVN042720

Tot Ion:128 Resp: 313115
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.7 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 50.532 ug/l
RT: 15.28 min Scan# 4259
Delta R.T. -0.00 min
Lab File: VN061156.D
Acq: 27 Apr 2020 18:44

Tgt Ion:180 Resp: 92350
Ion Ratio Lower Upper
180 100
182 95.6 47.5 142.5
145 33.9 16.9 50.7

