

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051820\
 Data File : VN061438.D
 Acq On : 18 May 2020 16:40
 Operator : JC/MD
 Sample : VN0518MBSD01
 Misc : 5.00µ/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 19 03:29:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 18 13:09:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	357523	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	633306	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	585925	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	286298	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	246140	46.13	ug/l	0.00
Spiked Amount			Recovery	=	92.26%	
35) Dibromofluoromethane	7.55	113	175885	53.01	ug/l	0.00
Spiked Amount			Recovery	=	106.02%	
50) Toluene-d8	10.06	98	750835	48.79	ug/l	0.00
Spiked Amount			Recovery	=	97.58%	
62) 4-Bromofluorobenzene	12.37	95	282954	49.22	ug/l	0.00
Spiked Amount			Recovery	=	98.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	76520	25.740	ug/l	98
3) Chloromethane	2.03	50	90174	18.597	ug/l	98
4) Vinyl Chloride	2.16	62	120343	17.342	ug/l	98
5) Bromomethane	2.54	94	64809	15.734	ug/l	96
6) Chloroethane	2.67	64	77194	16.527	ug/l	99
7) Trichlorofluoromethane	2.98	101	140294	16.653	ug/l	100
8) Diethyl Ether	3.37	74	50959	20.766	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	75704	21.608	ug/l	98
10) Methyl Iodide	3.91	142	94877	22.296	ug/l	99
11) Tert butyl alcohol	4.73	59	56846	92.461	ug/l	98
12) 1,1-Dichloroethene	3.70	96	77821	21.235	ug/l	89
13) Acrolein	3.56	56	39829	77.500	ug/l	97
14) Allyl chloride	4.27	41	109095	18.292	ug/l	94
15) Acrylonitrile	4.93	53	164828	90.491	ug/l	98
16) Acetone	3.77	43	129964	87.783	ug/l	99
17) Carbon Disulfide	4.01	76	178439	20.826	ug/l	99
18) Methyl Acetate	4.28	43	67364	17.718	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	260532	18.734	ug/l	98
20) Methylene Chloride	4.50	84	82976	18.921	ug/l	94
21) trans-1,2-Dichloroethene	4.99	96	81482	19.282	ug/l	94
22) Diisopropyl ether	5.90	45	239027	17.835	ug/l	97
23) Vinyl Acetate	5.84	43	959376	90.019	ug/l	97
24) 1,1-Dichloroethane	5.80	63	143112	18.308	ug/l	99
25) 2-Butanone	6.79	43	206113	84.839	ug/l	97
26) 2,2-Dichloropropane	6.78	77	134441	18.041	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	92859	18.603	ug/l	97
28) Bromochloromethane	7.15	49	67474	20.335	ug/l	93
29) Tetrahydrofuran	7.17	42	138337	85.979	ug/l	98
30) Chloroform	7.33	83	153704	18.826	ug/l	98
31) Cyclohexane	7.62	56	128520	16.696	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	139876	18.748	ug/l	96
36) 1,1-Dichloropropene	7.75	75	111014	18.747	ug/l	97
37) Ethyl Acetate	6.88	43	89215	16.613	ug/l	98
38) Carbon Tetrachloride	7.73	117	103069	18.902	ug/l	96

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 QLast Update : Mon May 18 13:09:55 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	130395	18.028	ug/l	99
40) Benzene	8.00	78	334229	18.729	ug/l	98
41) Methacrylonitrile	7.17	41	126629	55.827	ug/l #	15
42) 1,2-Dichloroethane	8.09	62	119257	18.548	ug/l	100
43) Isopropyl Acetate	8.13	43	167590	17.892	ug/l	100
44) Trichloroethene	8.80	130	92433	19.768	ug/l	100
45) 1,2-Dichloropropane	9.09	63	83454	18.683	ug/l	100
46) Dibromomethane	9.18	93	57629	18.404	ug/l	98
47) Bromodichloromethane	9.37	83	120967	18.335	ug/l #	99
48) Methyl methacrylate	9.17	41	73416	16.967	ug/l	96
49) 1,4-Dioxane	9.17	88	20228	422.699	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	461620	90.470	ug/l	99
52) Toluene	10.12	92	215706	18.827	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	133436	18.453	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	139707	18.174	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	81222	18.751	ug/l	99
56) Ethyl methacrylate	10.40	69	132338	19.542	ug/l	97
57) 1,3-Dichloropropane	10.68	76	141491	18.901	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	258862	87.088	ug/l	98
59) 2-Hexanone	10.72	43	324310	87.852	ug/l	99
60) Dibromochloromethane	10.87	129	90226	18.831	ug/l	100
61) 1,2-Dibromoethane	10.98	107	86774	19.053	ug/l	100
64) Tetrachloroethene	10.60	164	87365	19.273	ug/l	96
65) Chlorobenzene	11.41	112	228707	19.141	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	77584	18.112	ug/l	98
67) Ethyl Benzene	11.48	91	421879	19.343	ug/l	97
68) m/p-Xylenes	11.59	106	332407	40.152	ug/l	95
69) o-Xylene	11.92	106	155333	19.389	ug/l	98
70) Styrene	11.94	104	263369	19.852	ug/l	99
71) Bromoform	12.10	173	58993	19.015	ug/l #	99
73) Isopropylbenzene	12.22	105	418666	18.216	ug/l	97
74) N-amyl acetate	12.04	43	216113	25.688	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.48	83	117572	18.593	ug/l #	95
76) 1,2,3-Trichloropropane	12.53	75	149335	24.309	ug/l #	100
77) Bromobenzene	12.50	156	280104	56.155	ug/l #	15
78) n-propylbenzene	12.56	91	477205	18.222	ug/l	99
79) 2-Chlorotoluene	12.65	91	287495	18.573	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	365296	19.411	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.27	75	38714	16.717	ug/l	99
82) 4-Chlorotoluene	12.75	91	286691	17.887	ug/l	99
83) tert-Butylbenzene	12.97	119	299020	18.550	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	370304	19.662	ug/l	100
85) sec-Butylbenzene	13.15	105	392399	18.002	ug/l	99
86) p-Isopropyltoluene	13.26	119	366315	18.925	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	173328	18.987	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	174965	19.138	ug/l	99
89) n-Butylbenzene	13.59	91	325338	18.501	ug/l	99
90) Hexachloroethane	13.85	117	48825	18.613	ug/l	92
91) 1,2-Dichlorobenzene	13.63	146	165960	18.952	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	23307	18.246	ug/l	93

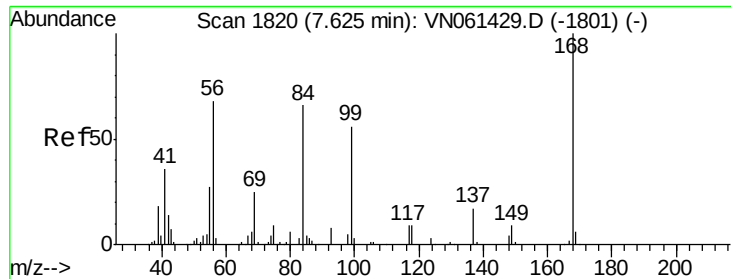
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN051820\
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Quant Time: May 19 03:29:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
Quant Title : SW846 8260
QLast Update : Mon May 18 13:09:55 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	93519	19.696	ug/l	97
94) Hexachlorobutadiene	14.98	225	32647	15.475	ug/l	99
95) Naphthalene	15.10	128	325868	21.588	ug/l	97
96) 1,2,3-Trichlorobenzene	15.28	180	93410	19.762	ug/l	93

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN061438.D

Acq: 18 May 2020 16:40

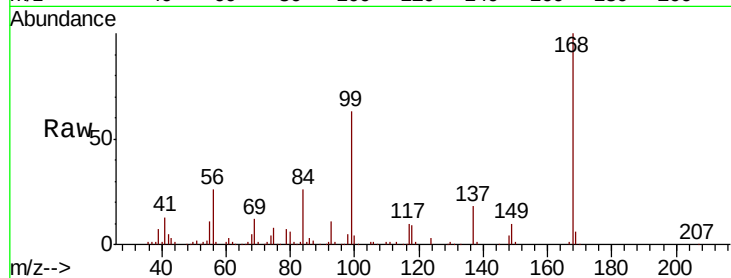
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 357523

Ion Ratio Lower Upper

168 100

99 62.3 51.1 76.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

150000

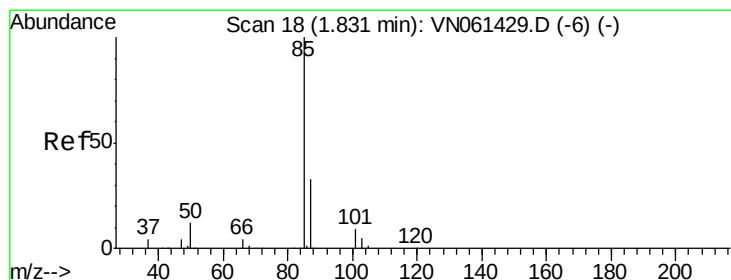
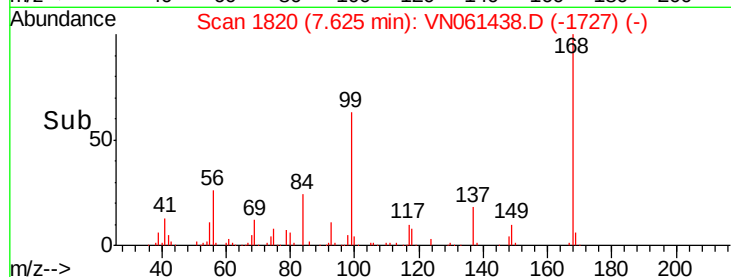
100000

50000

0

7.50 7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 25.740 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061438.D

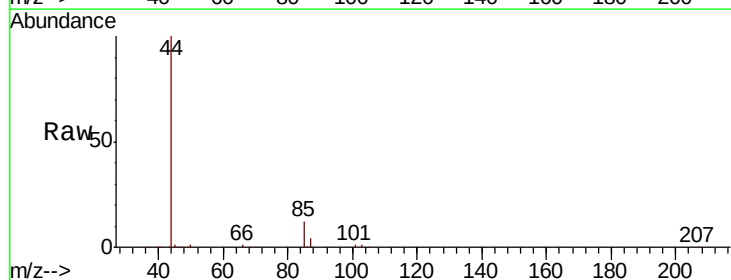
Acq: 18 May 2020 16:40

Tgt Ion: 85 Resp: 76520

Ion Ratio Lower Upper

85 100

87 31.4 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

60000

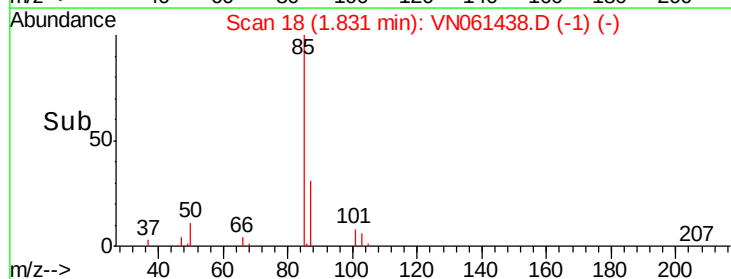
40000

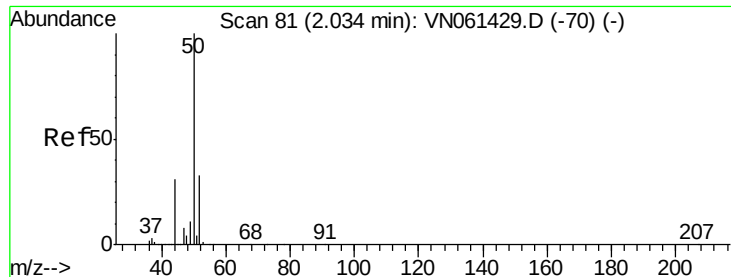
20000

0

1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 18.597 ug/l

RT: 2.03 min Scan# 80

Delta R.T. -0.00 min

Lab File: VN061438.D

Acq: 18 May 2020 16:40

Instrument :

MSVOA_N

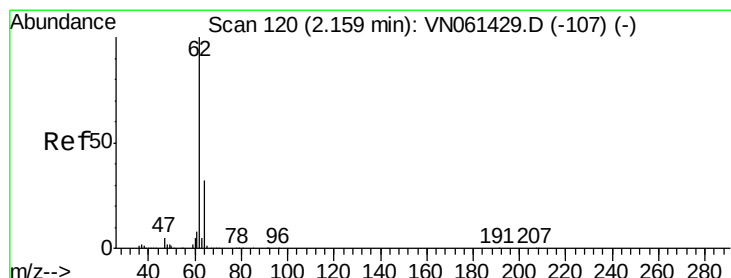
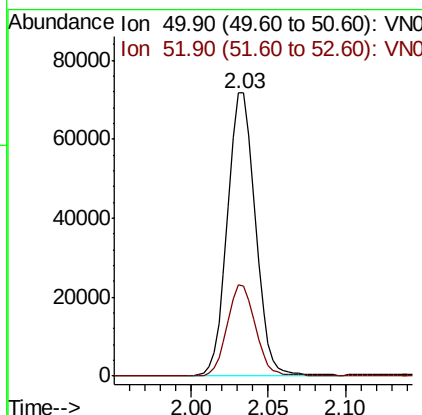
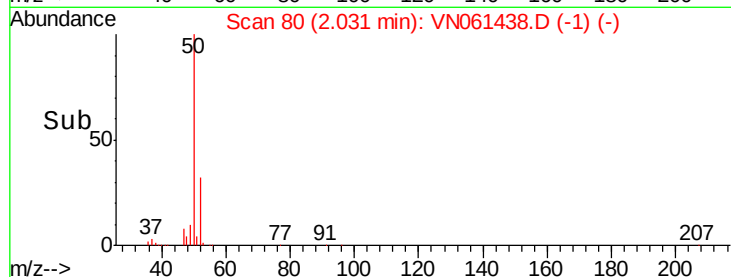
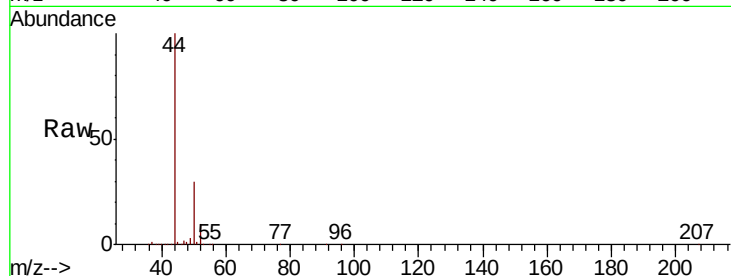
ClientSampleId :

Tot Ion: 50 Resp: 90174

Ion Ratio Lower Upper

50 100

52 32.4 26.7 40.1



#4

Vinyl Chloride

Concen: 17.342 ug/l

RT: 2.16 min Scan# 119

Delta R.T. -0.00 min

Lab File: VN061438.D

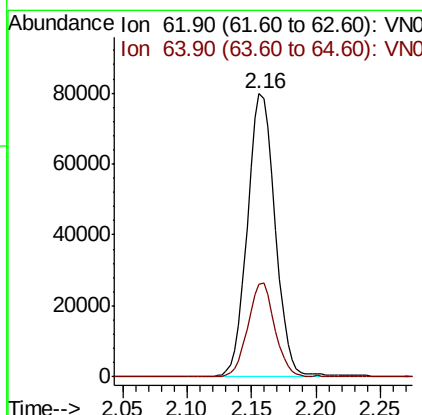
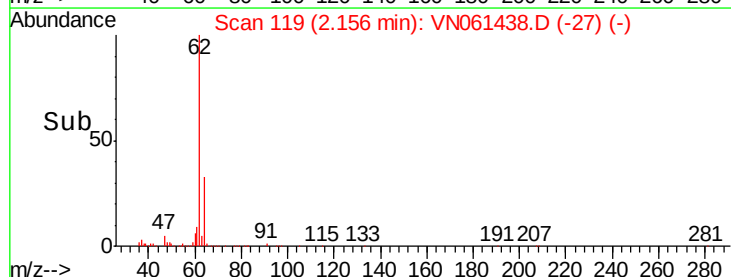
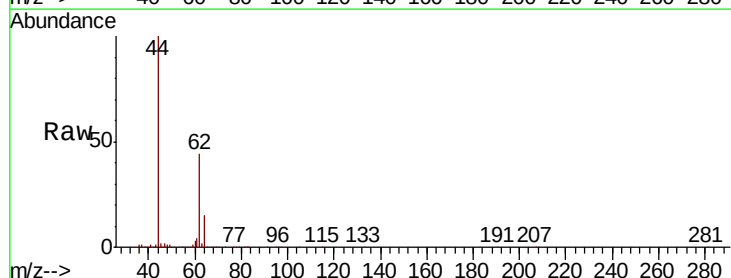
Acq: 18 May 2020 16:40

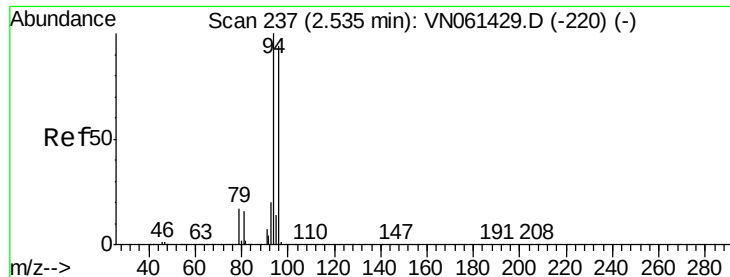
Tgt Ion: 62 Resp: 120343

Ion Ratio Lower Upper

62 100

64 32.9 25.3 37.9





#5

Bromomethane

Concen: 15.734 ug/l

RT: 2.54 min Scan# 238

Delta R.T. 0.00 min

Lab File: VN061438.D

Acq: 18 May 2020 16:40

Instrument :

MSVOA_N

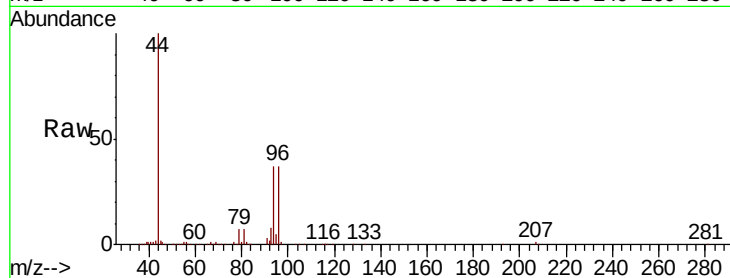
ClientSampleId :

Tot Ion: 94 Resp: 64809

Ion Ratio Lower Upper

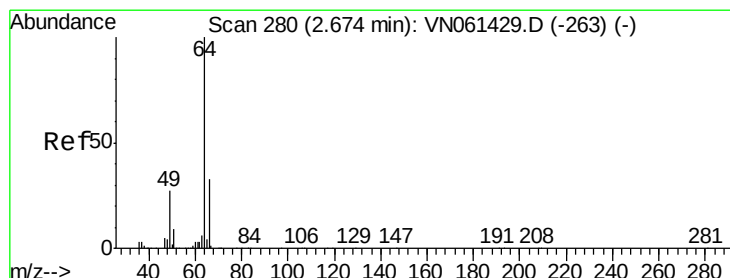
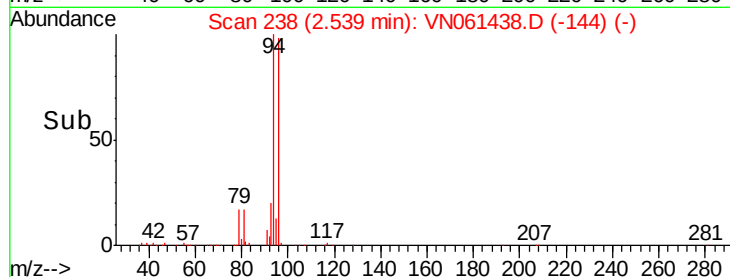
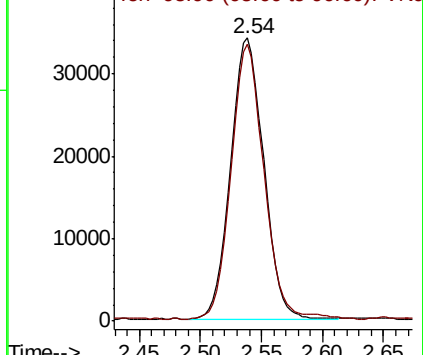
94 100

96 97.5 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 16.527 ug/l

RT: 2.67 min Scan# 280

Delta R.T. 0.00 min

Lab File: VN061438.D

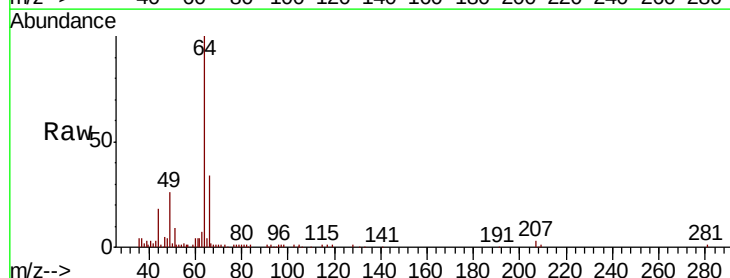
Acq: 18 May 2020 16:40

Tgt Ion: 64 Resp: 77194

Ion Ratio Lower Upper

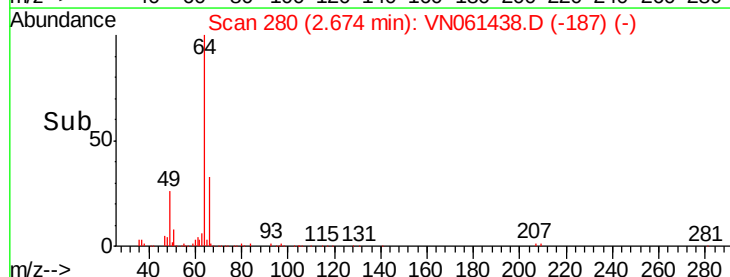
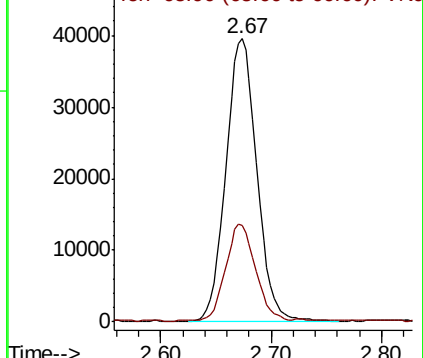
64 100

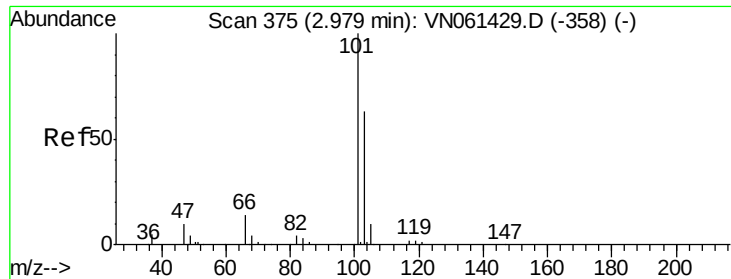
66 33.6 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



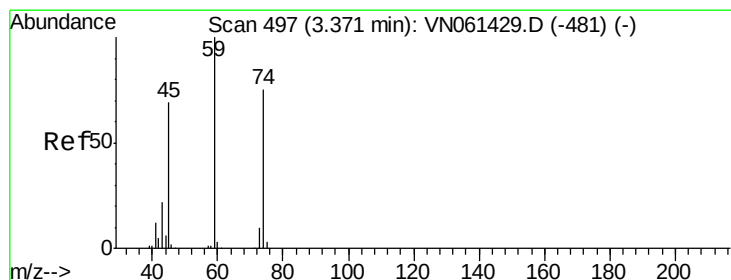
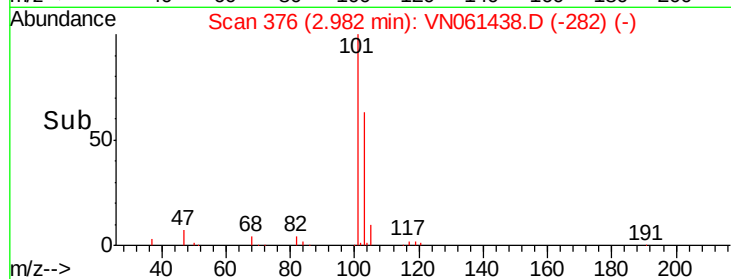
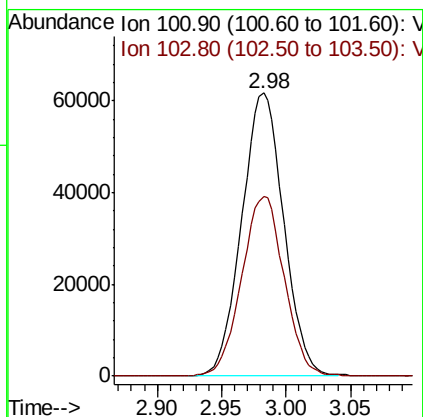
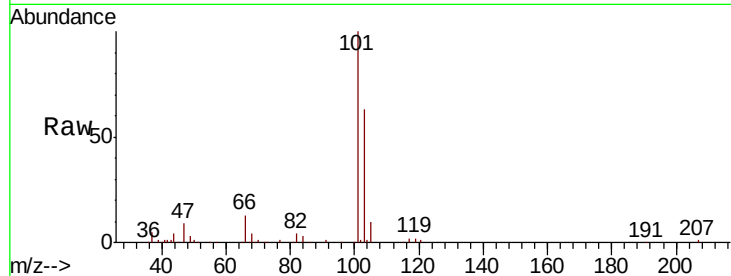


#7

Trichlorofluoromethane
 Concen: 16.653 ug/l
 RT: 2.98 min Scan# 376
 Delta R.T. 0.00 min
 Lab File: VN061438.D
 Acq: 18 May 2020 16:40

Instrument :
 MSVOA_N
 ClientSampled :

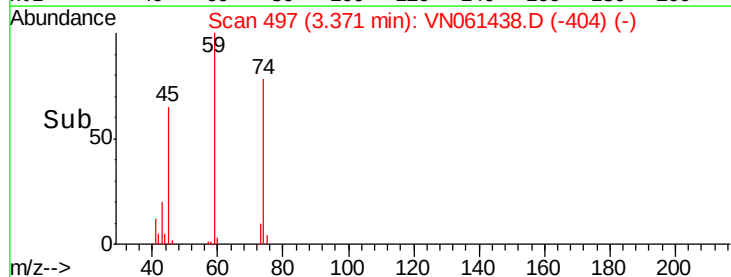
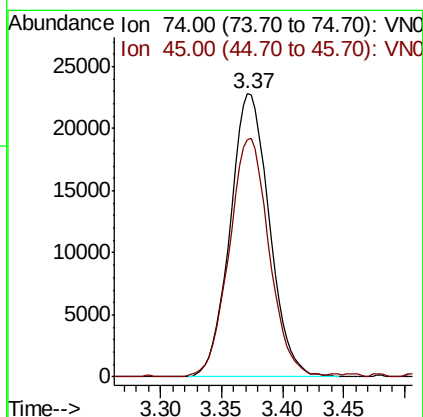
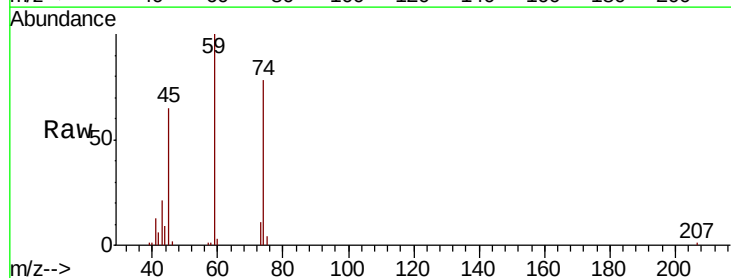
Tot Ion:101 Resp: 140294
 Ion Ratio Lower Upper
 101 100
 103 63.0 50.2 75.4

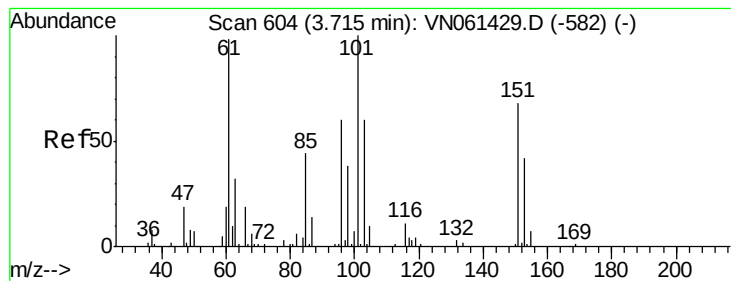


#8

Diethyl Ether
 Concen: 20.766 ug/l
 RT: 3.37 min Scan# 497
 Delta R.T. 0.00 min
 Lab File: VN061438.D
 Acq: 18 May 2020 16:40

Tgt Ion: 74 Resp: 50959
 Ion Ratio Lower Upper
 74 100
 45 85.7 45.7 137.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.608 ug/l

RT: 3.72 min Scan# 606

Delta R.T. 0.01 min

Lab File: VN061438.D

Acq: 18 May 2020 16:40

Instrument :

MSVOA_N

ClientSampleId :

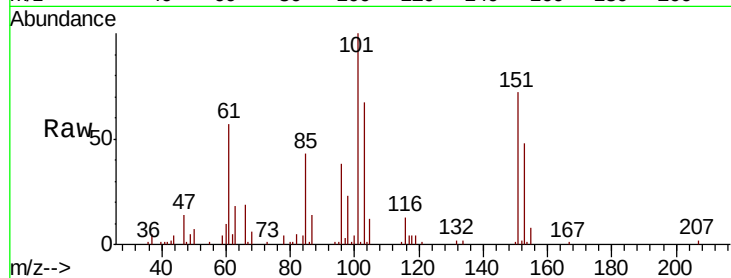
Tot Ion:101 Resp: 75704

Ion Ratio Lower Upper

101 100

85 45.3 36.6 55.0

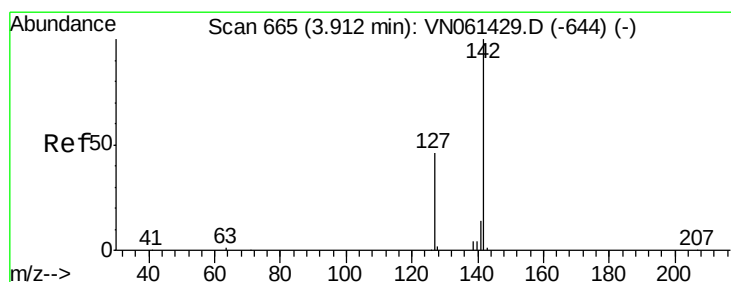
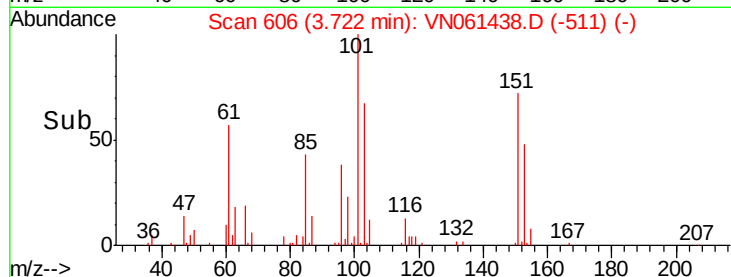
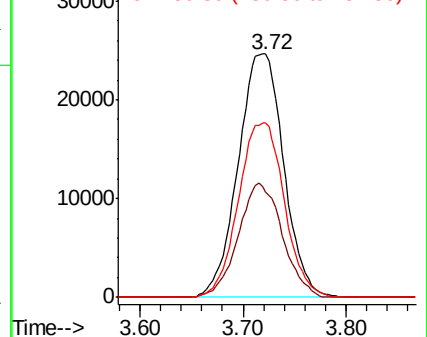
151 72.2 56.3 84.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 22.296 ug/l

RT: 3.91 min Scan# 664

Delta R.T. -0.00 min

Lab File: VN061438.D

Acq: 18 May 2020 16:40

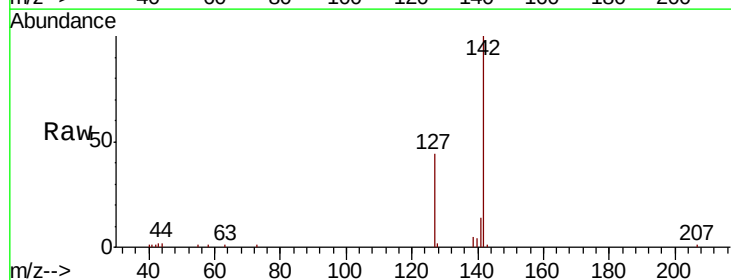
Tgt Ion:142 Resp: 94877

Ion Ratio Lower Upper

142 100

127 45.1 36.7 55.1

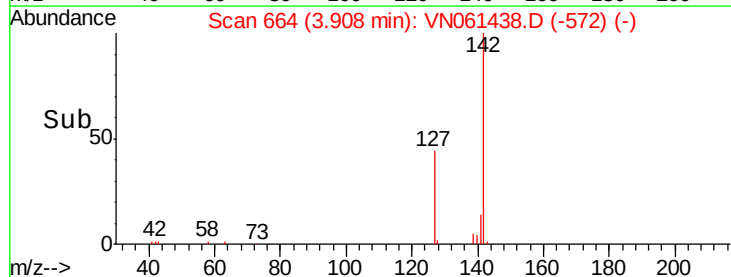
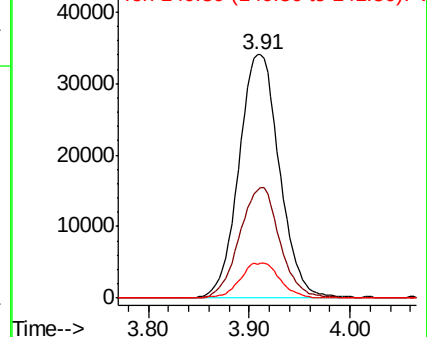
141 14.2 11.5 17.3

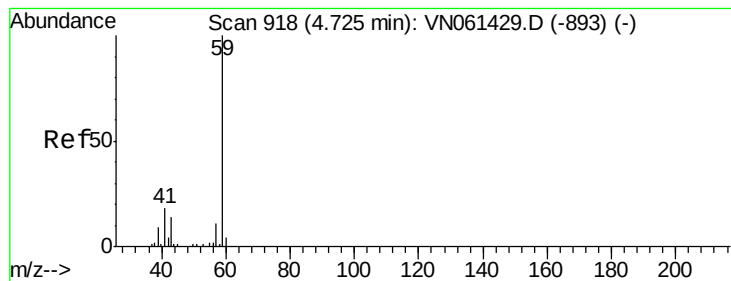


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



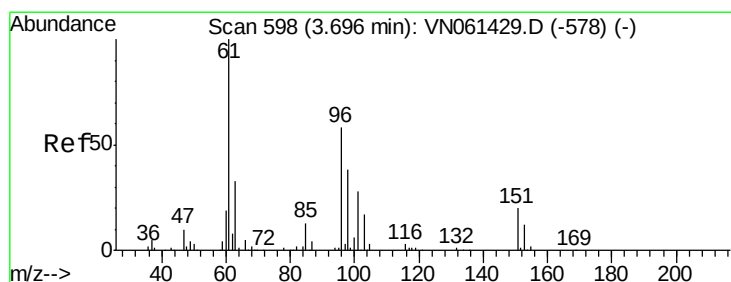
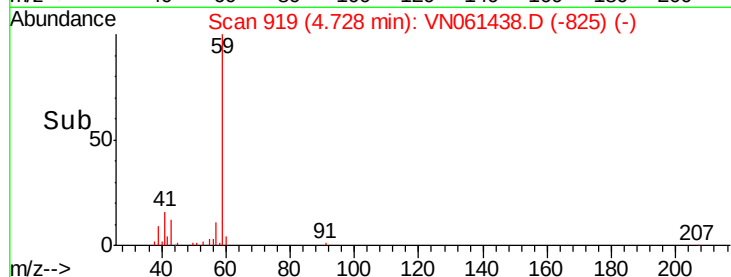
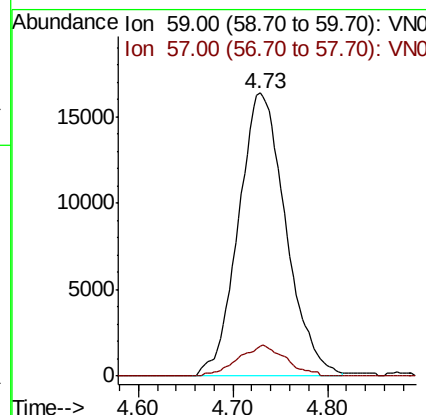
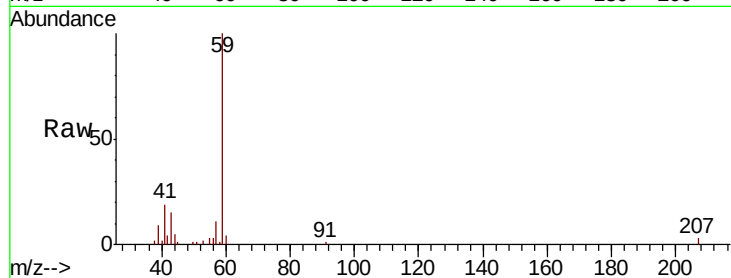


#11

Tert butyl alcohol
 Concen: 92.461 ug/l
 RT: 4.73 min Scan# 919
 Delta R.T. 0.00 min
 Lab File: VN061438.D
 Acq: 18 May 2020 16:40

Instrument :
 MSVOA_N
 ClientSampleId :

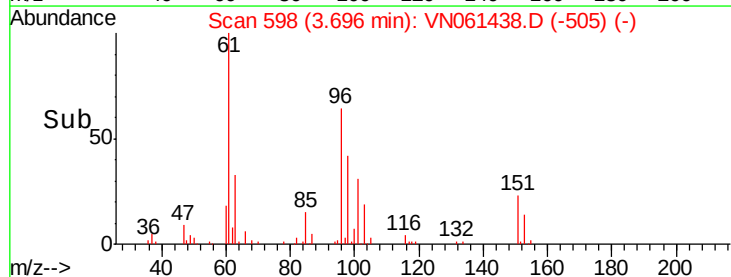
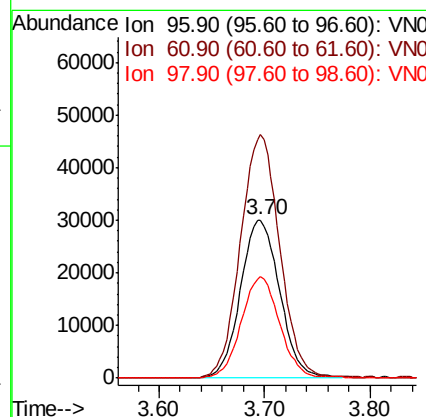
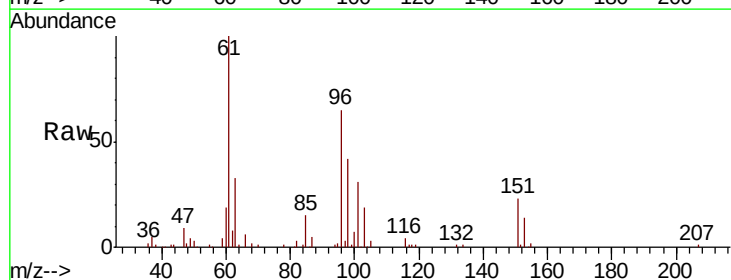
Tot Ion: 59 Resp: 56846
 Ion Ratio Lower Upper
 59 100
 57 11.0 8.2 12.2

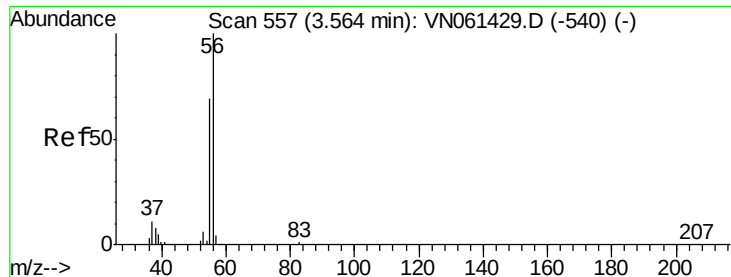


#12

1,1-Dichloroethene
 Concen: 21.235 ug/l
 RT: 3.70 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: VN061438.D
 Acq: 18 May 2020 16:40

Tgt Ion: 96 Resp: 77821
 Ion Ratio Lower Upper
 96 100
 61 153.9 138.7 208.1
 98 64.4 53.0 79.6





#13

Acrolein

Concen: 77.500 ug/l

RT: 3.56 min Scan# 557

Delta R.T. 0.00 min

Lab File: VN061438.D

Acq: 18 May 2020 16:40

Instrument :

MSVOA_N

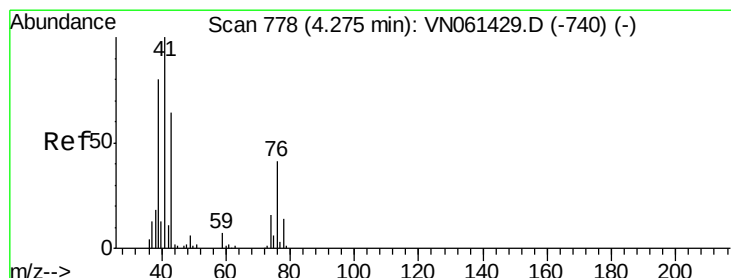
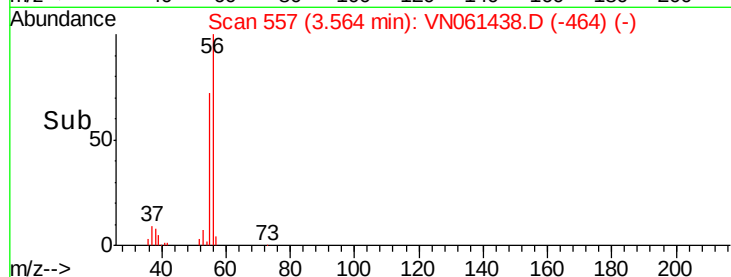
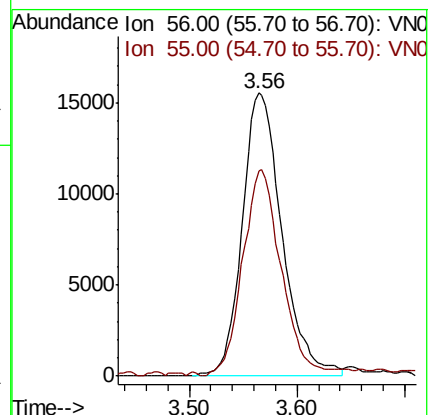
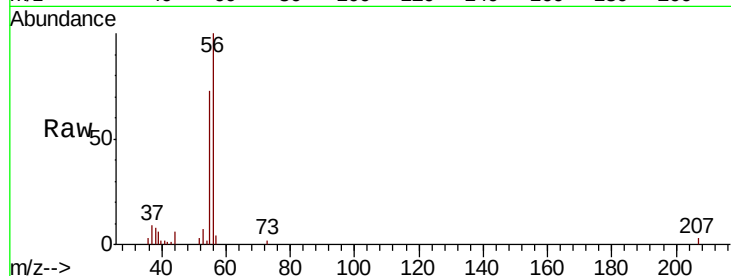
ClientSampleId :

Tot Ion: 56 Resp: 39829

Ion Ratio Lower Upper

56 100

55 70.6 54.8 82.2



#14

Allyl chloride

Concen: 18.292 ug/l

RT: 4.27 min Scan# 778

Delta R.T. 0.00 min

Lab File: VN061438.D

Acq: 18 May 2020 16:40

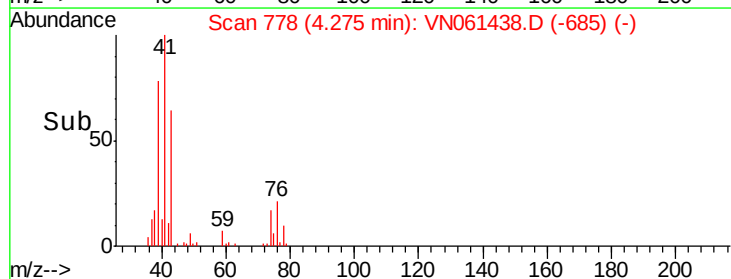
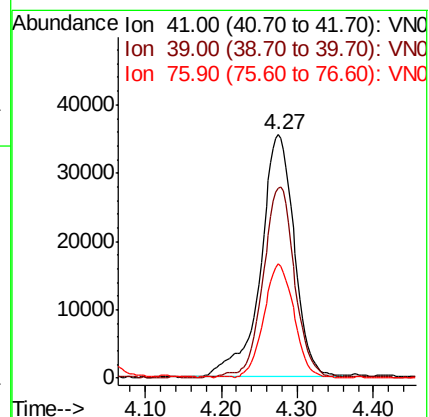
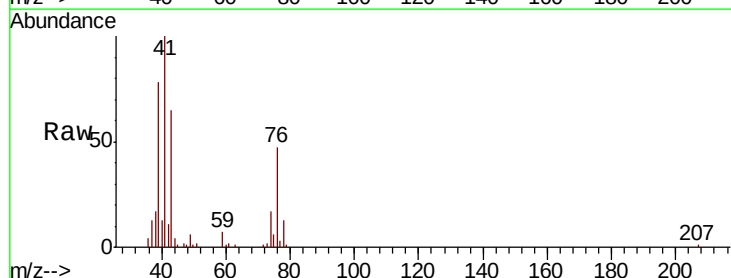
Tgt Ion: 41 Resp: 109095

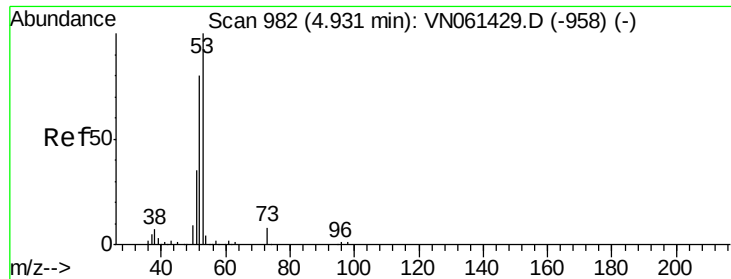
Ion Ratio Lower Upper

41 100

39 72.4 61.2 91.8

76 42.5 29.9 44.9





#15

Acrylonitrile

Concen: 90.491 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN061438.D

Acq: 18 May 2020 16:40

Instrument :

MSVOA_N

ClientSampleId :

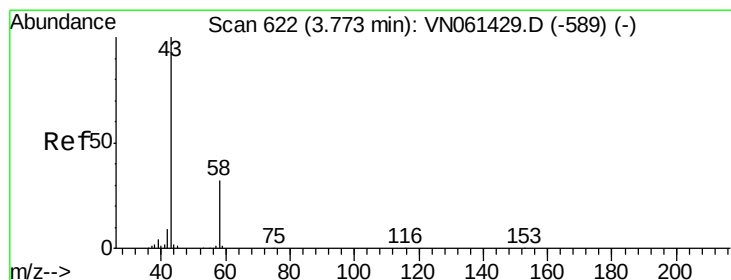
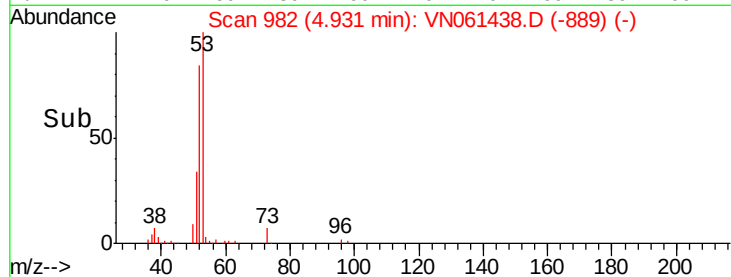
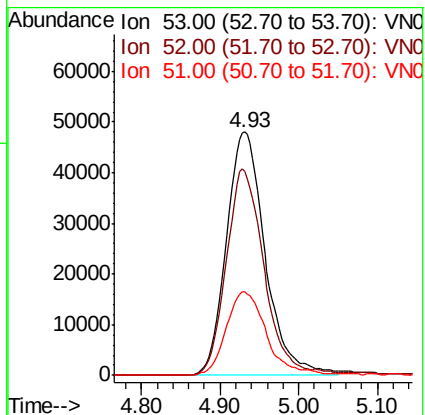
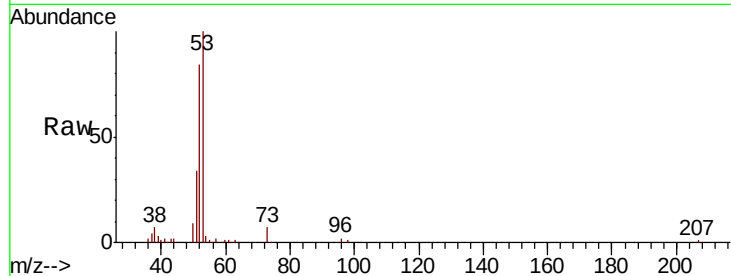
Tot Ion: 53 Resp: 164828

Ion Ratio Lower Upper

53 100

52 81.5 64.7 97.1

51 34.8 29.5 44.3



#16

Acetone

Concen: 87.783 ug/l

RT: 3.77 min Scan# 622

Delta R.T. 0.00 min

Lab File: VN061438.D

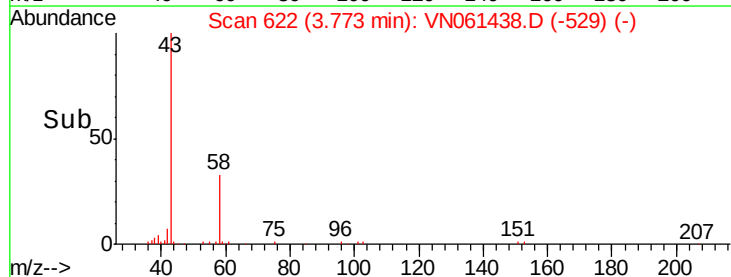
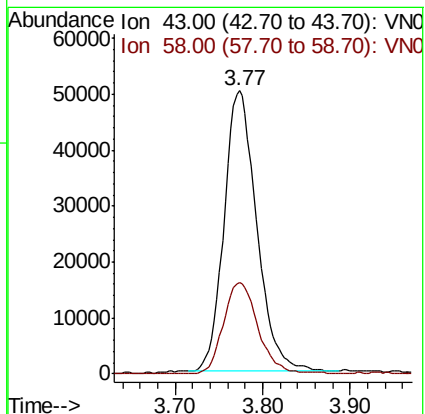
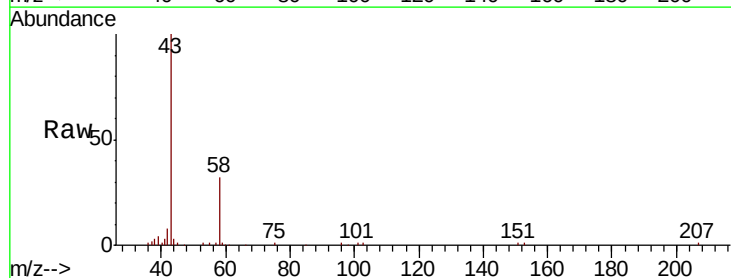
Acq: 18 May 2020 16:40

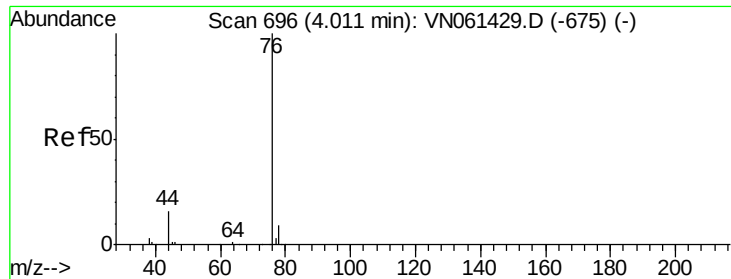
Tgt Ion: 43 Resp: 129964

Ion Ratio Lower Upper

43 100

58 32.6 25.6 38.4





#17

Carbon Disulfide

Concen: 20.826 ug/l

RT: 4.01 min Scan# 695

Delta R.T. -0.00 min

Lab File: VN061438.D

Acq: 18 May 2020 16:40

Instrument :

MSVOA_N

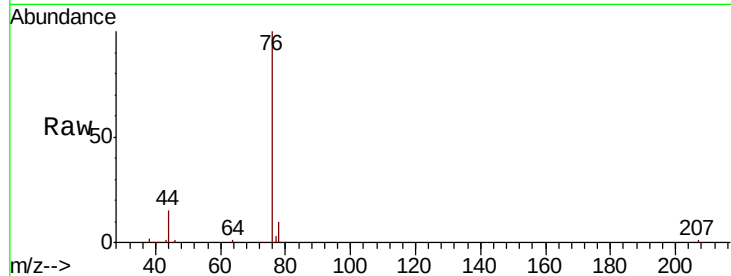
ClientSampleId :

Tot Ion: 76 Resp: 178439

Ion Ratio Lower Upper

76 100

78 9.6 7.4 11.0



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

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

4.01

60000

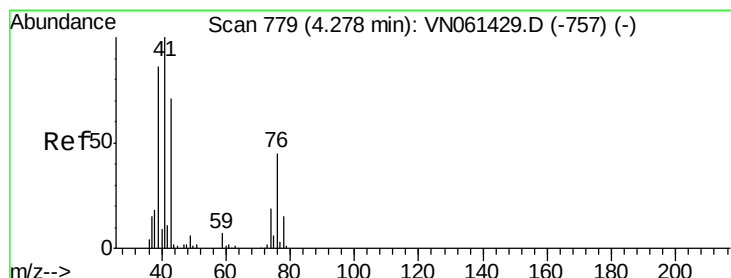
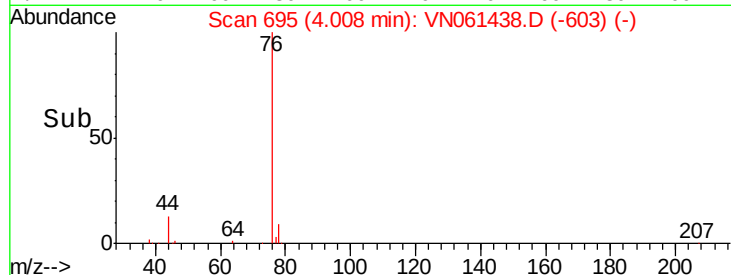
40000

20000

0

Time-->

3.90 4.00 4.10



#18

Methyl Acetate

Concen: 17.718 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN061438.D

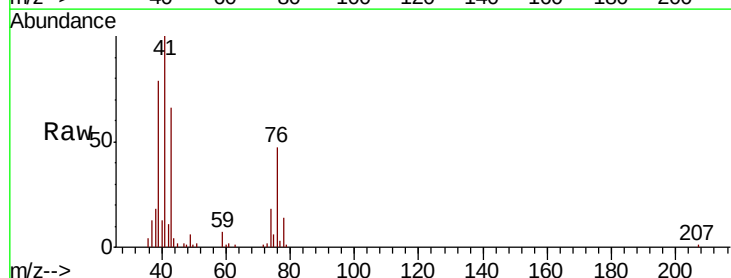
Acq: 18 May 2020 16:40

Tgt Ion: 43 Resp: 67364

Ion Ratio Lower Upper

43 100

74 27.6 20.8 31.2



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

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

4.28

25000

20000

15000

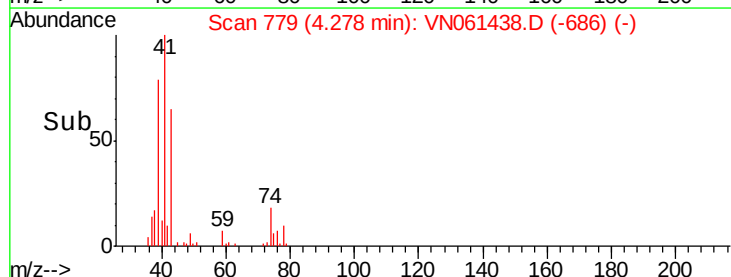
10000

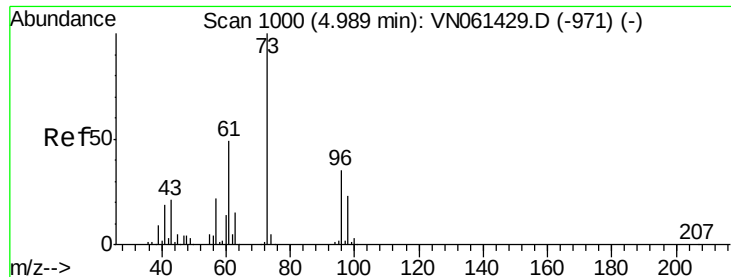
5000

0

Time-->

4.20 4.30 4.40

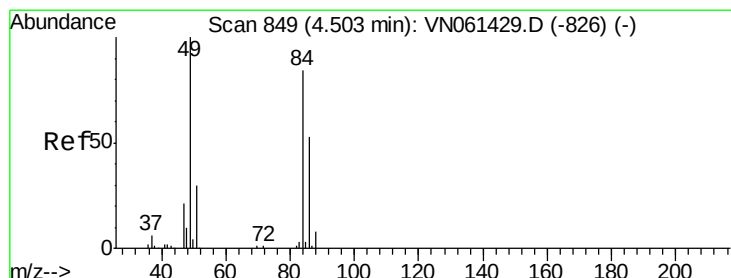
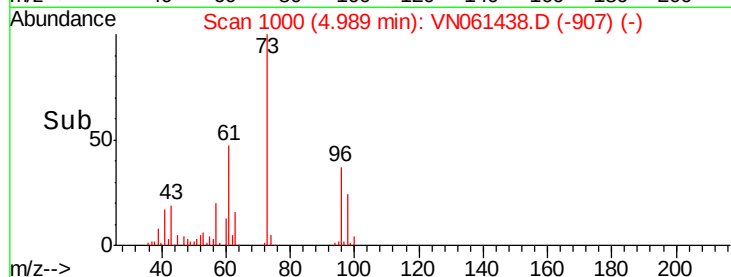
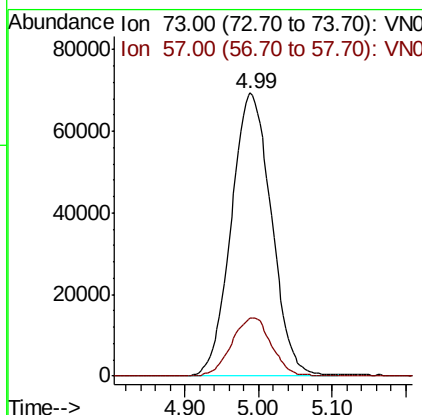
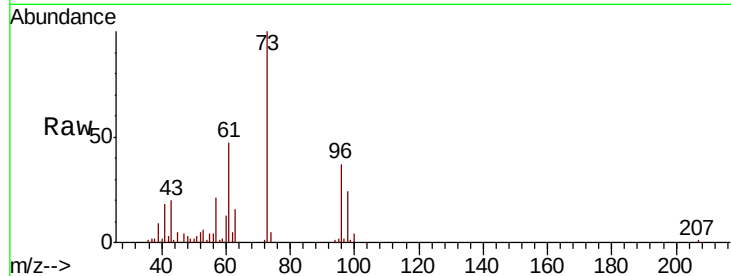




#19
Methvl tert-butyl Ether
Concen: 18.734 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VN061438.D
Acq: 18 May 2020 16:40

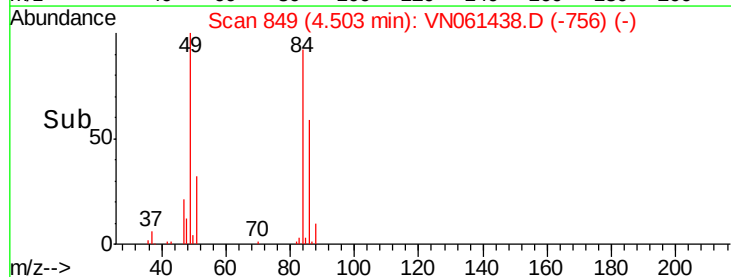
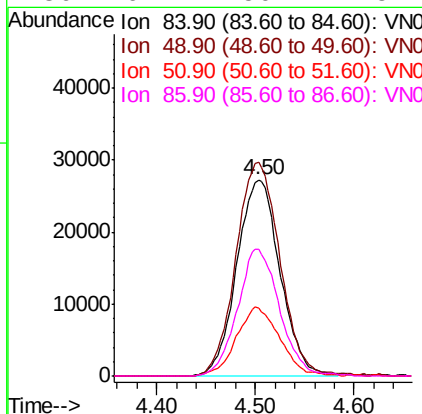
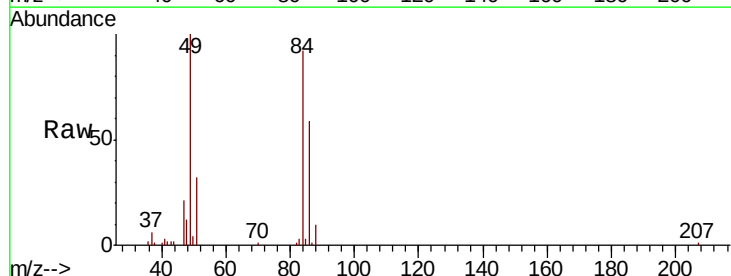
Instrument :
MSVOA_N
ClientSampleId :

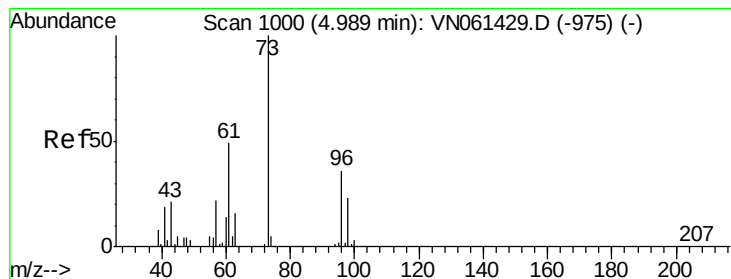
Tot Ion: 73 Resp: 260532
Ion Ratio Lower Upper
73 100
57 20.6 17.4 26.0



#20
Methylene Chloride
Concen: 18.921 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN061438.D
Acq: 18 May 2020 16:40

Tgt Ion: 84 Resp: 82976
Ion Ratio Lower Upper
84 100
49 109.1 95.3 142.9
51 34.4 29.0 43.6
86 64.4 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 19.282 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN061438.D

Acq: 18 May 2020 16:40

Instrument :

MSVOA_N

ClientSampleId :

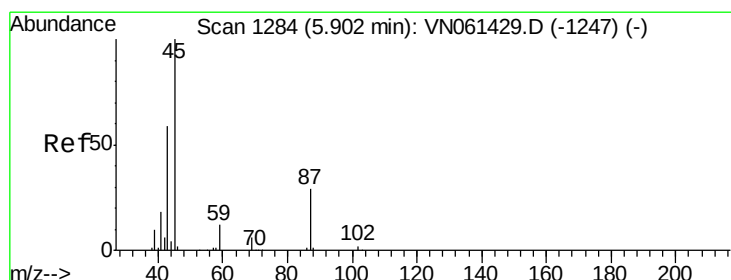
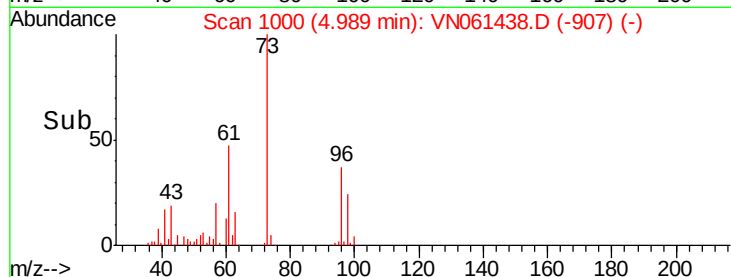
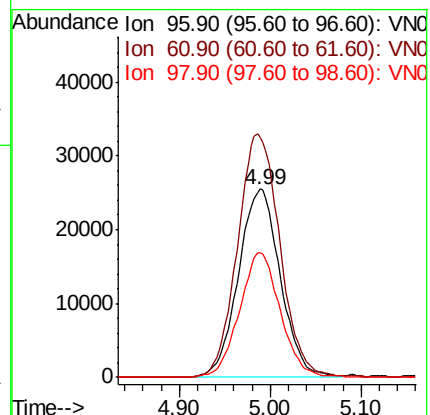
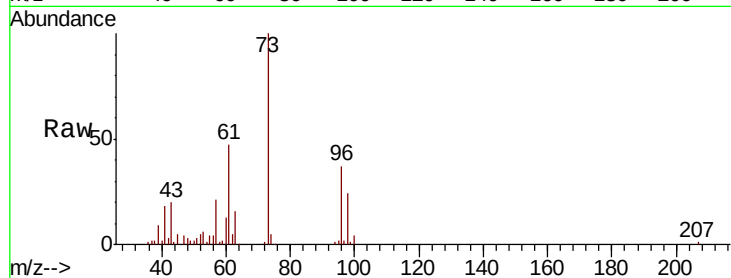
Tot Ion: 96 Resp: 81482

Ion Ratio Lower Upper

96 100

61 127.7 109.8 164.6

98 66.1 52.4 78.6



#22

Diisopropyl ether

Concen: 17.835 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VN061438.D

Acq: 18 May 2020 16:40

Tgt Ion: 45 Resp: 239027

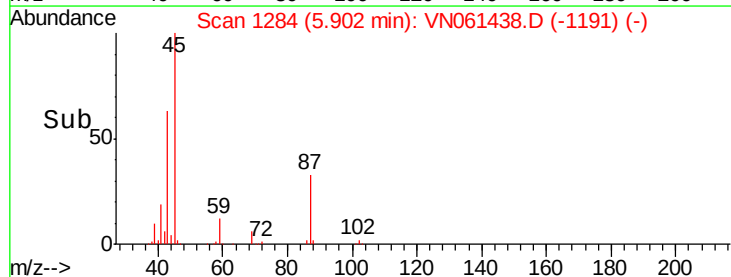
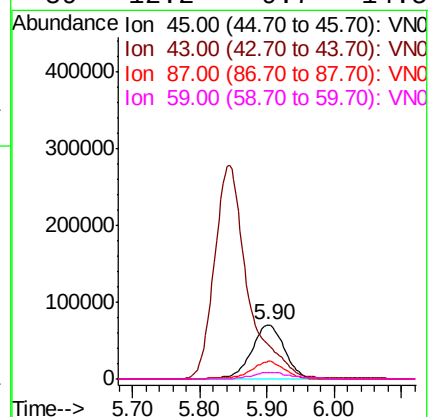
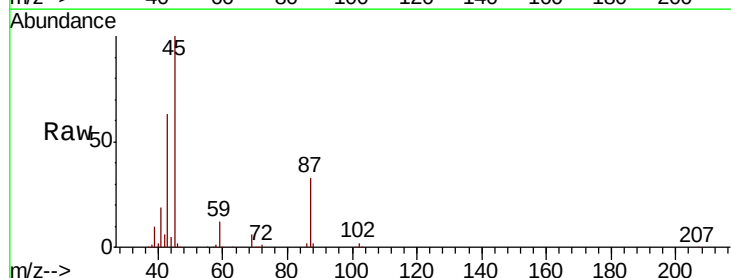
Ion Ratio Lower Upper

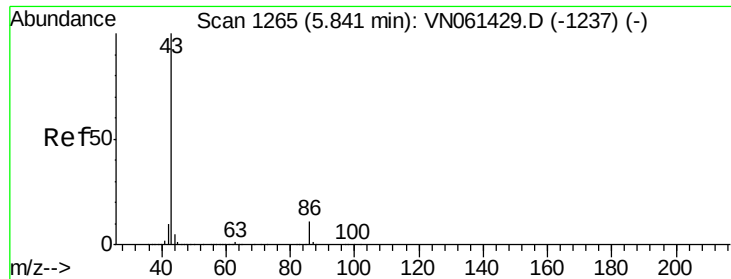
45 100

43 61.4 47.9 71.9

87 32.8 24.0 36.0

59 12.2 9.7 14.5

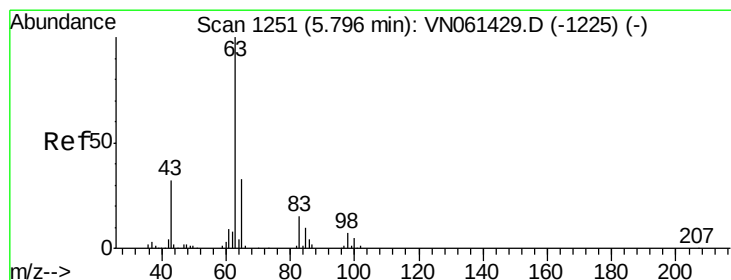
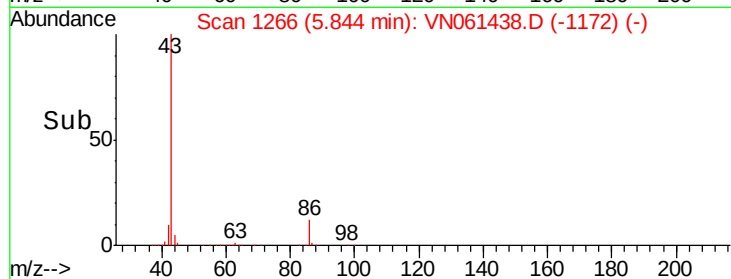
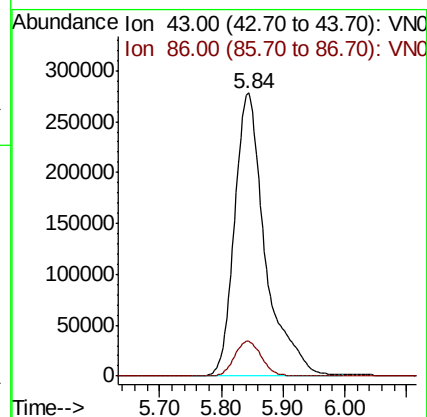
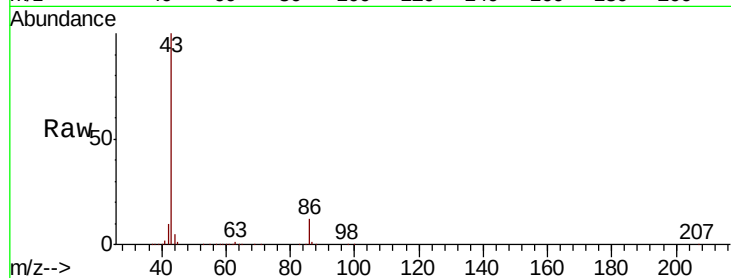




#23
 Vinyl Acetate
 Concen: 90.019 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. 0.00 min
 Lab File: VN061438.D
 Acq: 18 May 2020 16:40

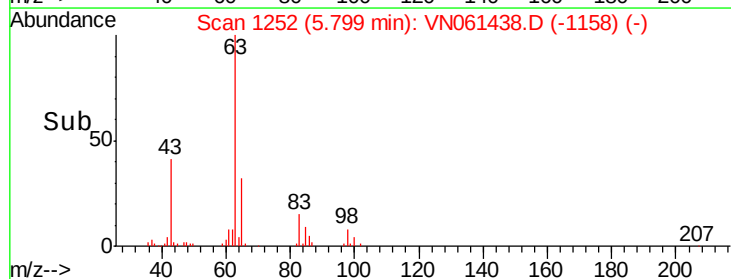
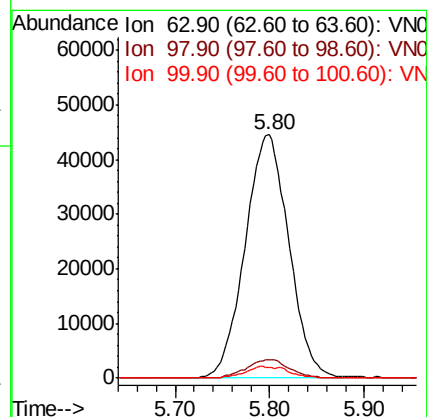
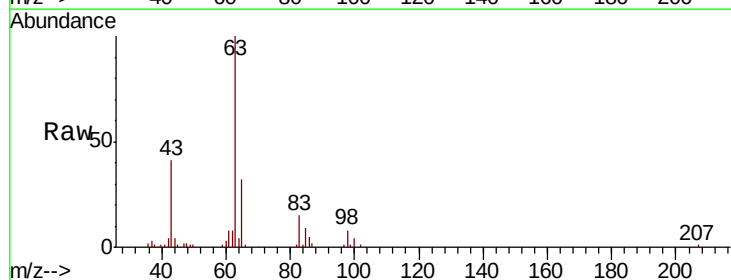
Instrument :
 MSVOA_N
 ClientSampleId :

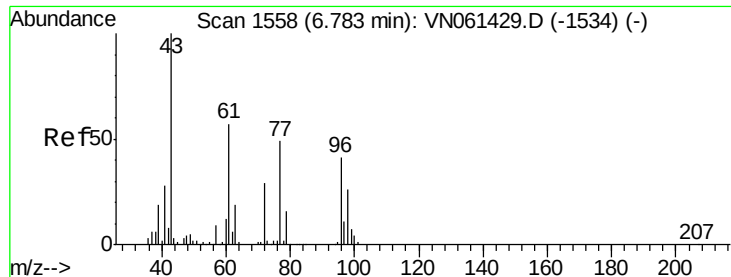
Tot Ion: 43 Resp: 959376
 Ion Ratio Lower Upper
 43 100
 86 12.4 9.1 13.7



#24
 1,1-Dichloroethane
 Concen: 18.308 ug/l
 RT: 5.80 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VN061438.D
 Acq: 18 May 2020 16:40

Tgt Ion: 63 Resp: 143112
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.5 10.5
 100 4.4 2.3 6.9





#25

2-Butanone

Concen: 84.839 ug/l

RT: 6.79 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VN061438.D

Acq: 18 May 2020 16:40

Instrument :

MSVOA_N

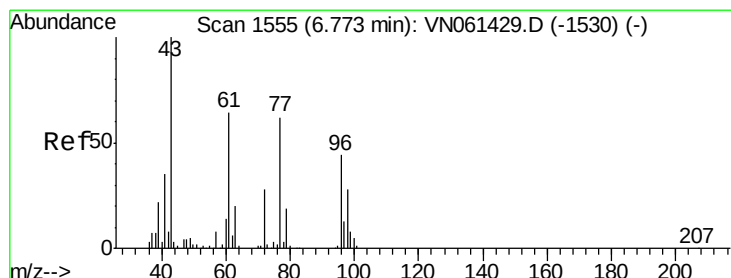
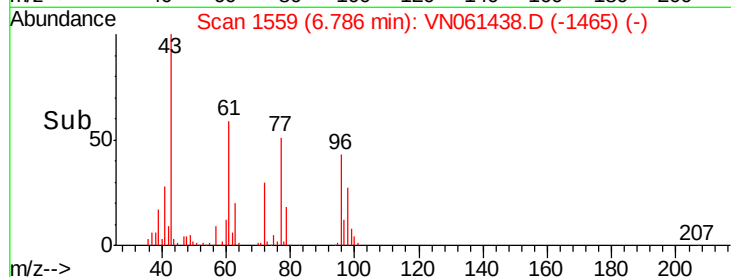
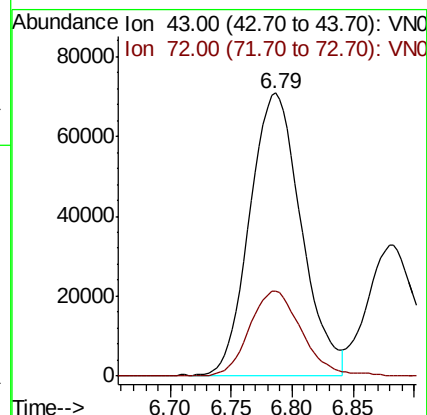
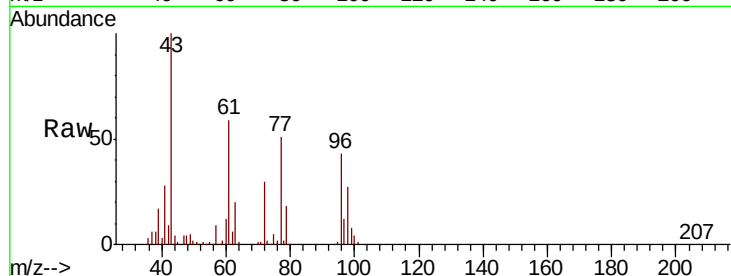
ClientSampled :

Tot Ion: 43 Resp: 206113

Ion Ratio Lower Upper

43 100

72 30.3 23.0 34.6



#26

2,2-Dichloropropane

Concen: 18.041 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. 0.00 min

Lab File: VN061438.D

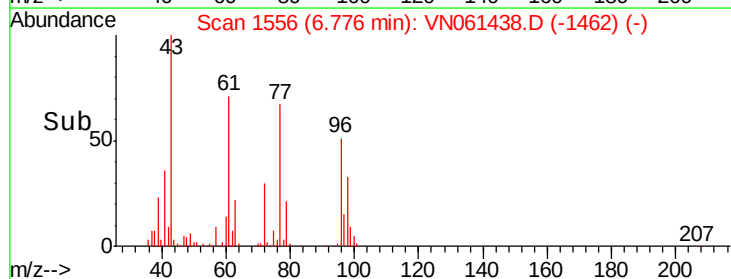
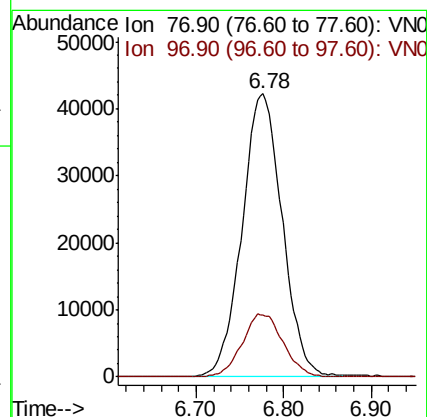
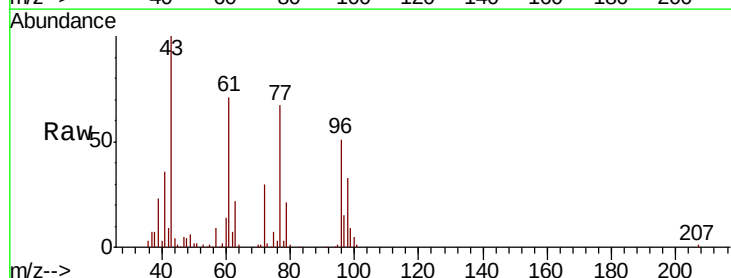
Acq: 18 May 2020 16:40

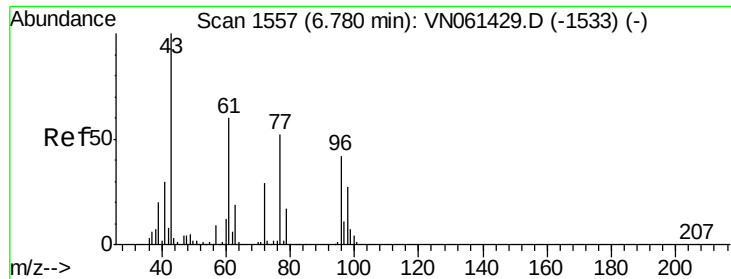
Tgt Ion: 77 Resp: 134441

Ion Ratio Lower Upper

77 100

97 22.6 10.9 32.9

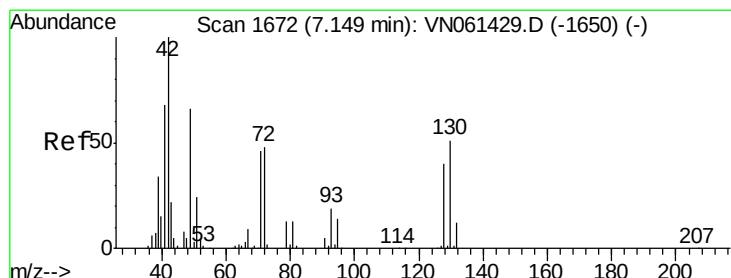
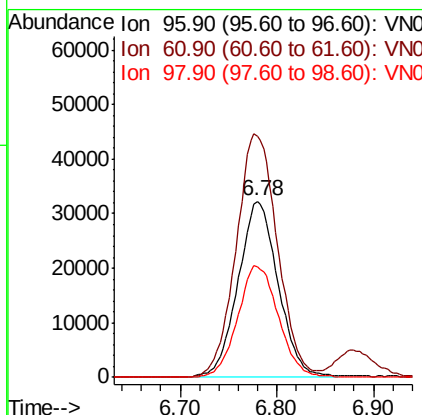
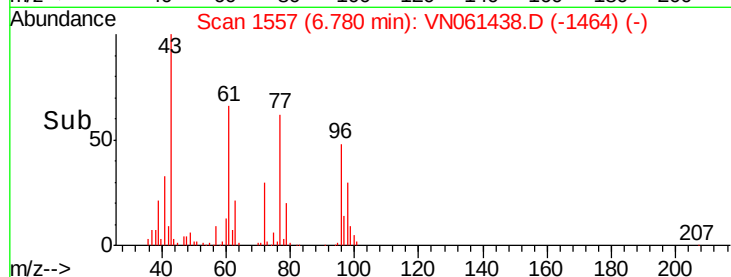
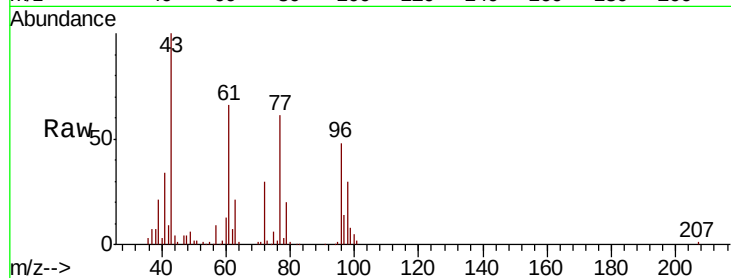




#27
 cis-1,2-Dichloroethene
 Concen: 18.603 ug/l
 RT: 6.78 min Scan# 1557
 Delta R.T. 0.00 min
 Lab File: VN061438.D
 Acq: 18 May 2020 16:40

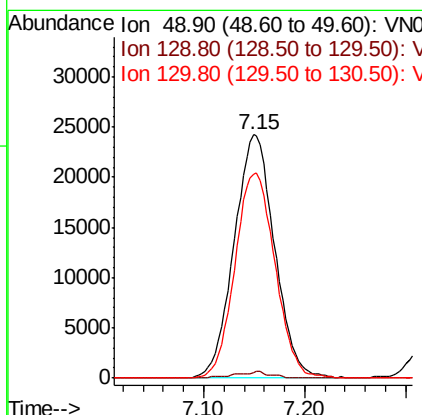
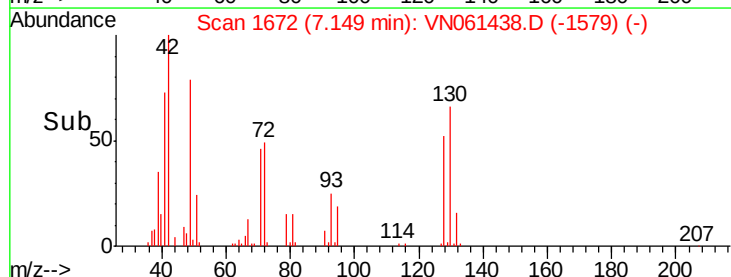
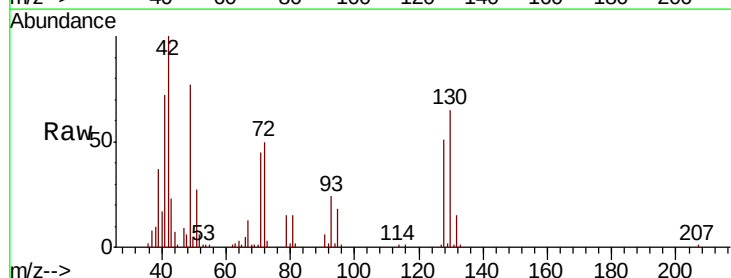
Instrument :
 MSVOA_N
 ClientSampleId :

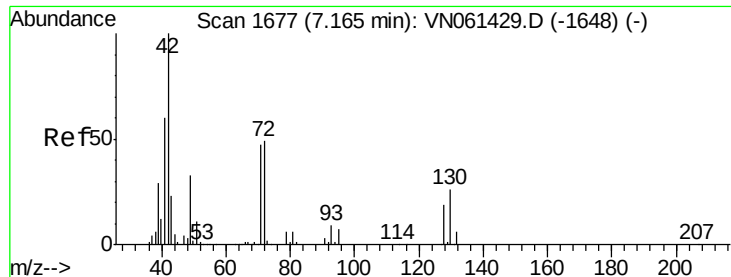
Tot Ion	96	Resp	92859
Ion	Ratio	Lower	Upper
96	100		
61	142.6	0.0	294.2
98	64.4	0.0	128.2



#28
 Bromochloromethane
 Concen: 20.335 ug/l
 RT: 7.15 min Scan# 1672
 Delta R.T. 0.00 min
 Lab File: VN061438.D
 Acq: 18 May 2020 16:40

Tgt Ion	49	Resp	67474
Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	4.6
130	83.6	62.2	93.2

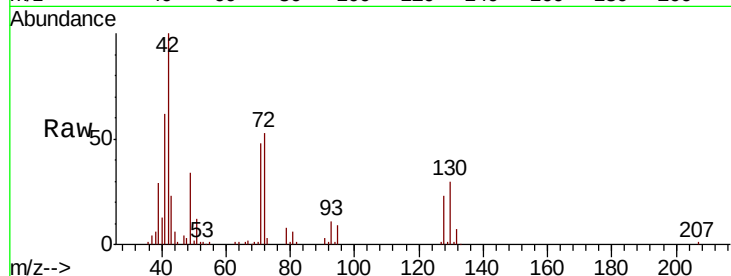




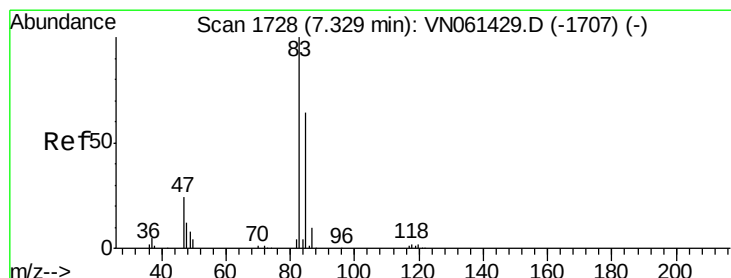
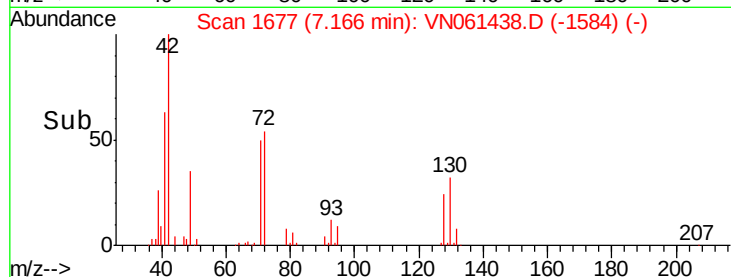
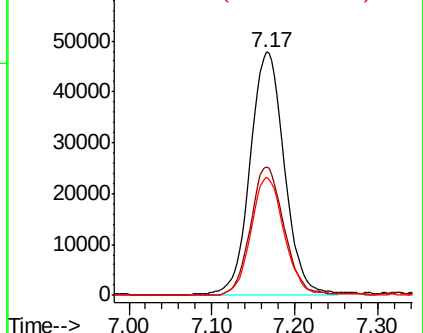
#29
Tetrahydrofuran
Concen: 85.979 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.00 min
Lab File: VN061438.D
Acq: 18 May 2020 16:40

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 42 Resp: 138337
Ion Ratio Lower Upper
42 100
72 51.3 39.0 58.6
71 46.8 36.9 55.3

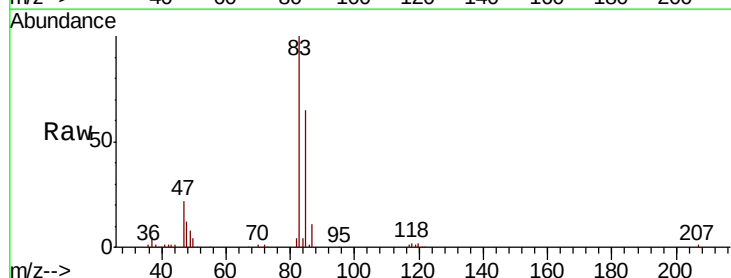


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

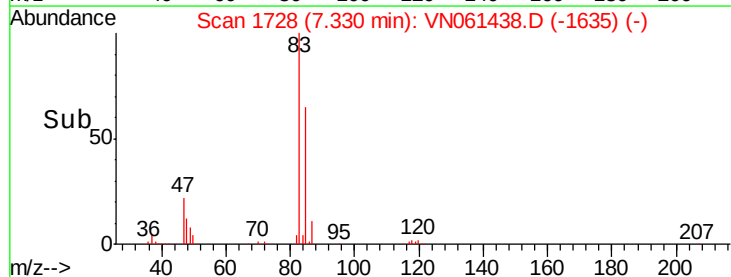
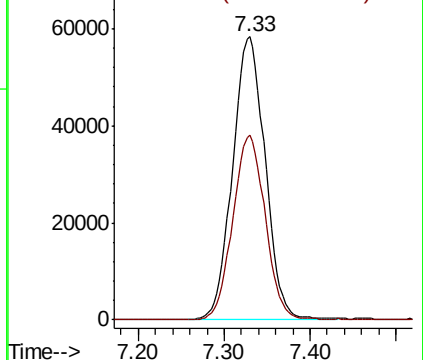


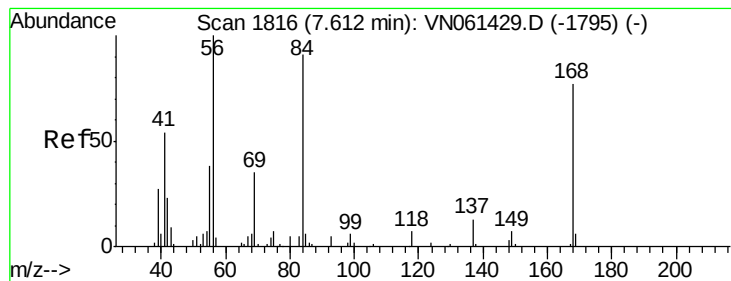
#30
Chloroform
Concen: 18.826 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. 0.00 min
Lab File: VN061438.D
Acq: 18 May 2020 16:40

Tgt Ion: 83 Resp: 153704
Ion Ratio Lower Upper
83 100
85 65.3 51.0 76.4



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





#31

Cyclohexane

Concen: 16.696 ug/l

RT: 7.62 min Scan# 1817

Delta R.T. 0.00 min

Lab File: VN061438.D

Acq: 18 May 2020 16:40

Instrument :

MSVOA_N

ClientSampleId :

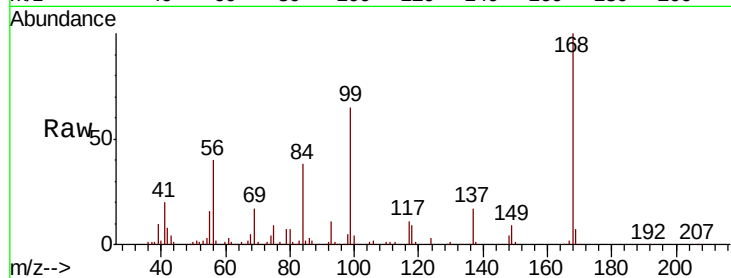
Tot Ion: 56 Resp: 128520

Ion Ratio Lower Upper

56 100

69 41.6 27.8 41.6

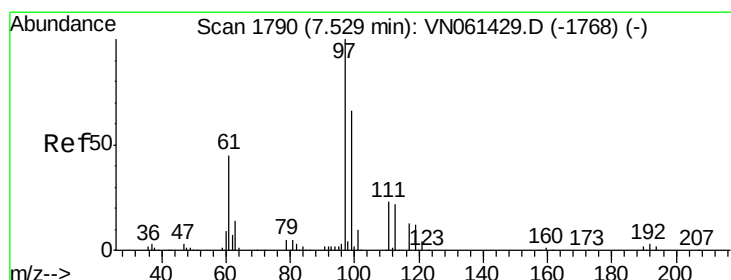
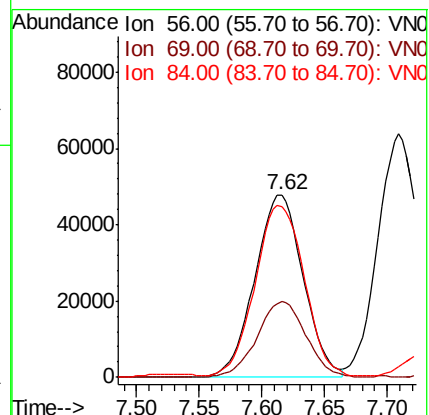
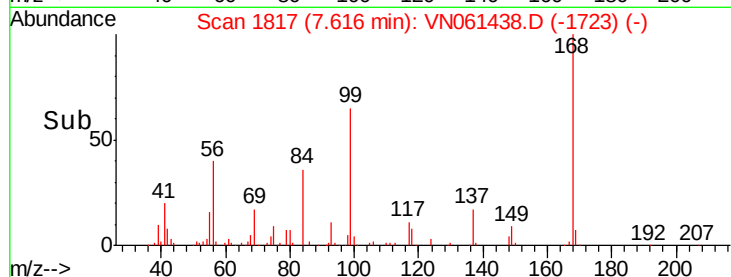
84 92.2 72.7 109.1



Abundance Ion 56.00 (55.70 to 56.70): VN061438.D (-1795) (-)

Ion 69.00 (68.70 to 69.70): VN061438.D (-1795) (-)

Ion 84.00 (83.70 to 84.70): VN061438.D (-1795) (-)



#32

1,1,1-Trichloroethane

Concen: 18.748 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VN061438.D

Acq: 18 May 2020 16:40

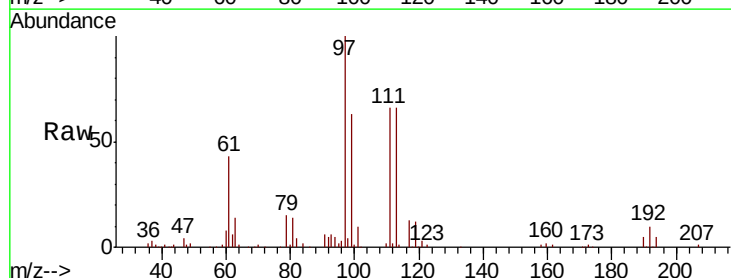
Tgt Ion: 97 Resp: 139876

Ion Ratio Lower Upper

97 100

99 61.9 51.5 77.3

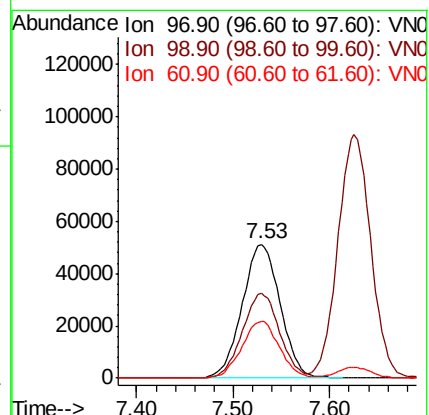
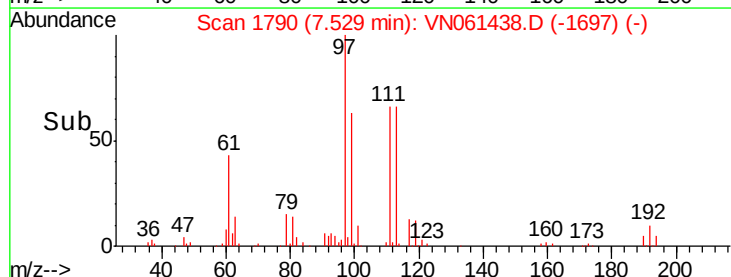
61 42.0 35.8 53.6

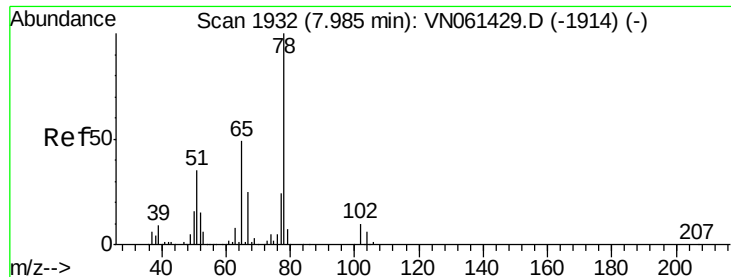


Abundance Ion 96.90 (96.60 to 97.60): VN061438.D (-1697) (-)

Ion 98.90 (98.60 to 99.60): VN061438.D (-1697) (-)

Ion 60.90 (60.60 to 61.60): VN061438.D (-1697) (-)

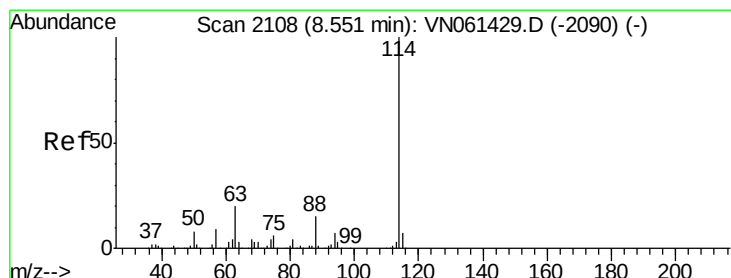
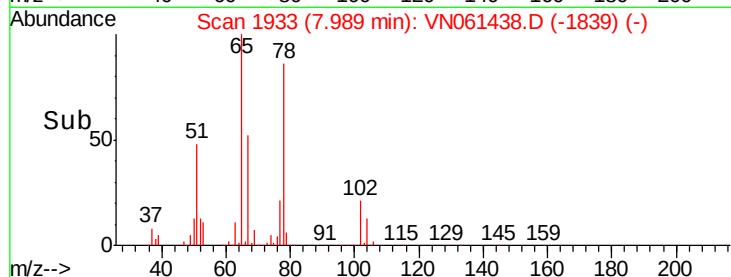
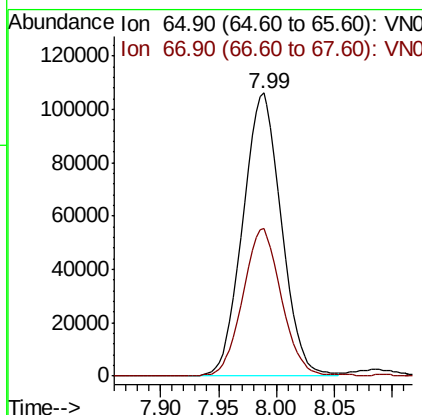
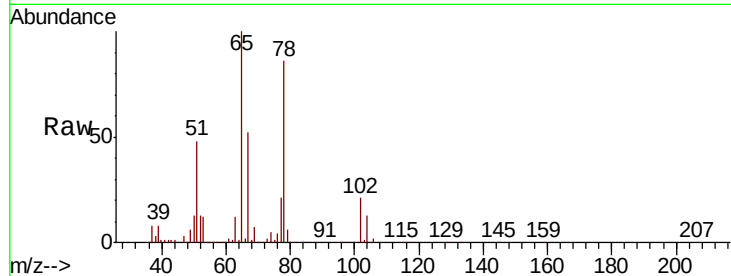




#33
 1,2-Dichloroethane-d4
 Concen: 46.129 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN061438.D
 Acq: 18 May 2020 16:40

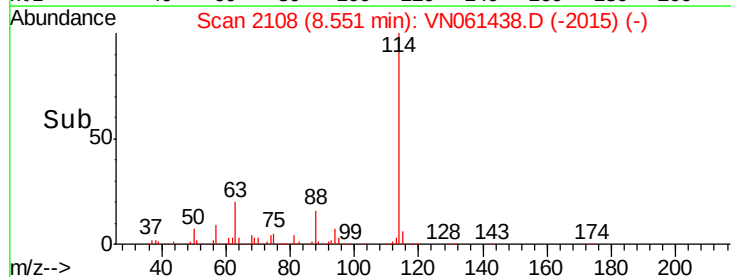
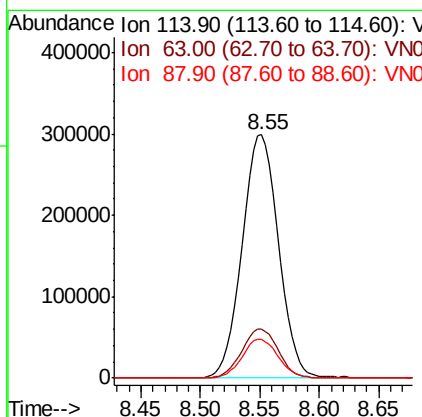
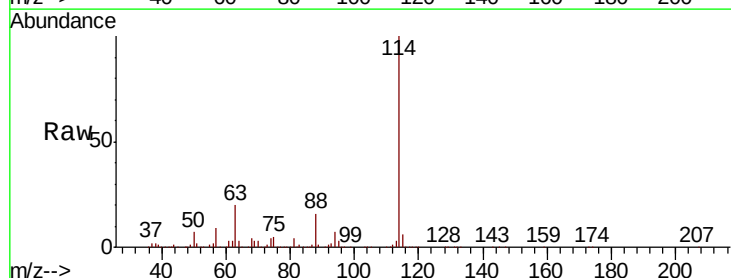
Instrument :
 MSVOA_N
 ClientSampleId :

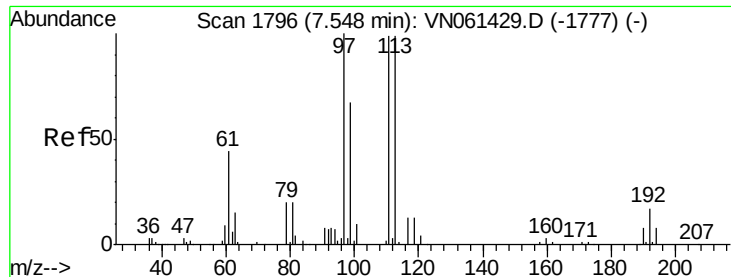
Tot Ion: 65 Resp: 246140
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 101.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. 0.00 min
 Lab File: VN061438.D
 Acq: 18 May 2020 16:40

Tgt Ion: 114 Resp: 633306
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 40.8
 88 15.9 0.0 30.8

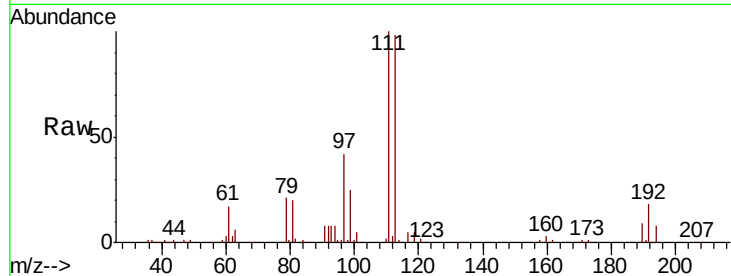




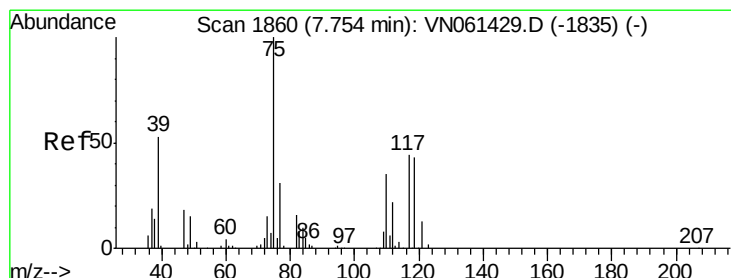
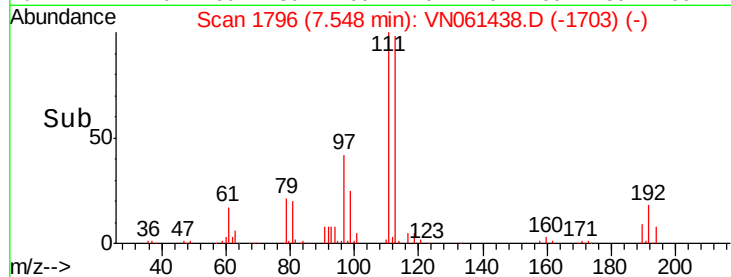
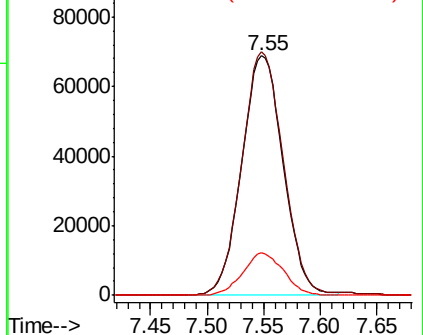
#35
 Dibromofluoromethane
 Concen: 53.014 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN061438.D
 Acq: 18 May 2020 16:40

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:113 Resp: 175885
 Ion Ratio Lower Upper
 113 100
 111 101.2 80.6 121.0
 192 17.3 13.2 19.8

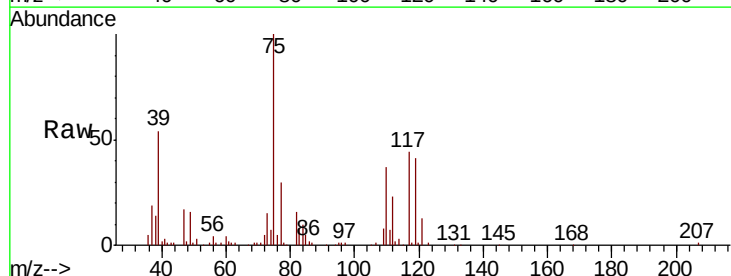


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

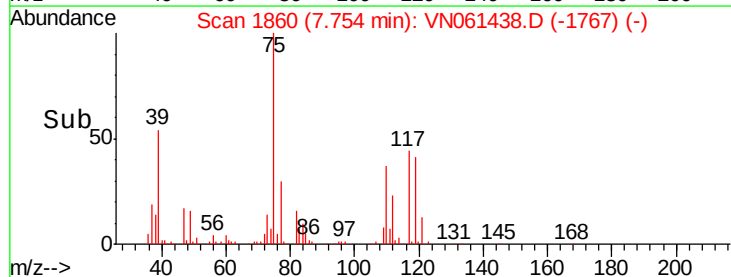
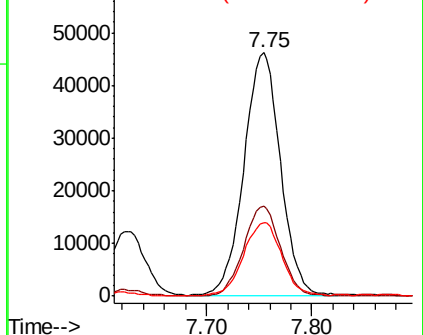


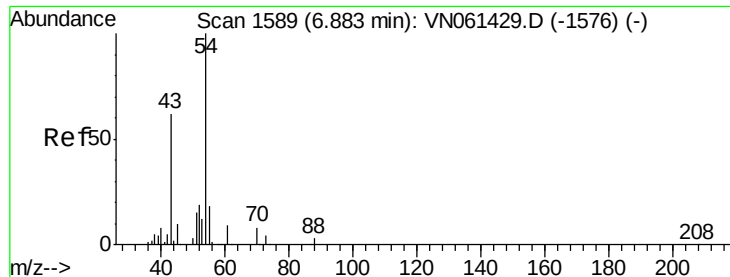
#36
 1,1-Dichloropropene
 Concen: 18.747 ug/l
 RT: 7.75 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VN061438.D
 Acq: 18 May 2020 16:40

Tgt Ion: 75 Resp: 111014
 Ion Ratio Lower Upper
 75 100
 110 37.3 17.3 51.9
 77 31.0 24.9 37.3



Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VN0

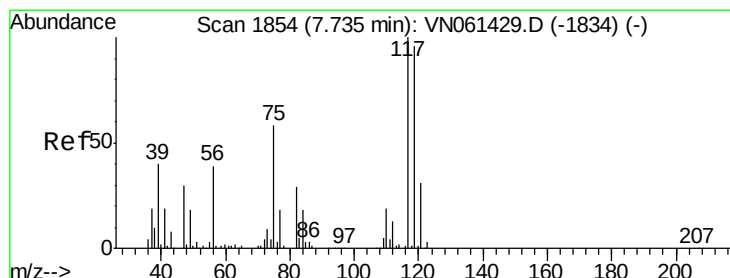
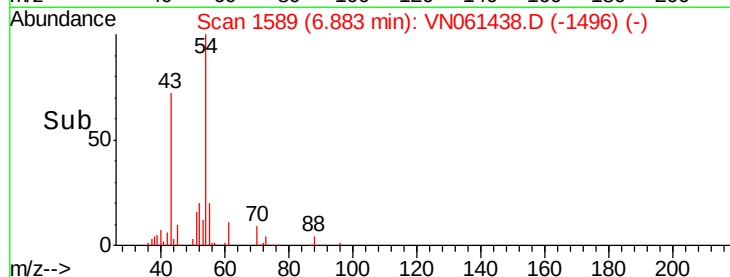
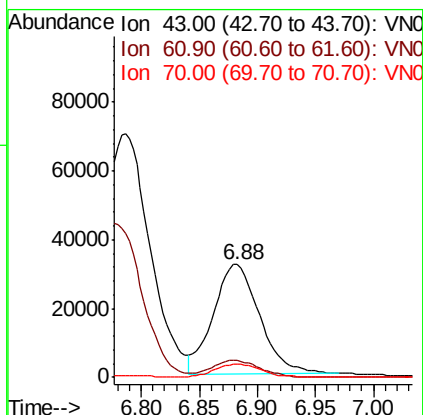
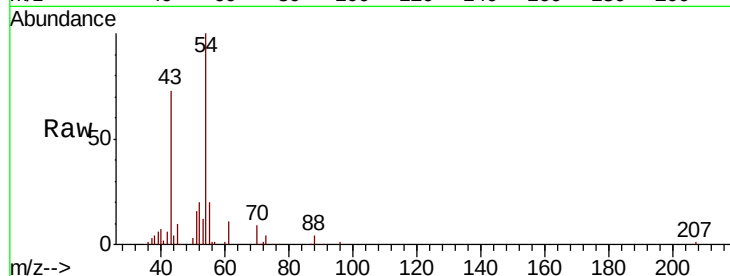




#37
Ethyl Acetate
Concen: 16.613 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. 0.00 min
Lab File: VN061438.D
Acq: 18 May 2020 16:40

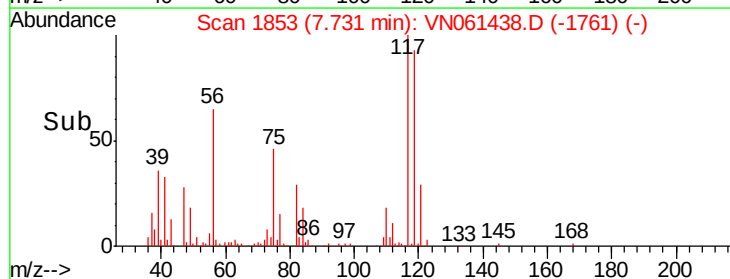
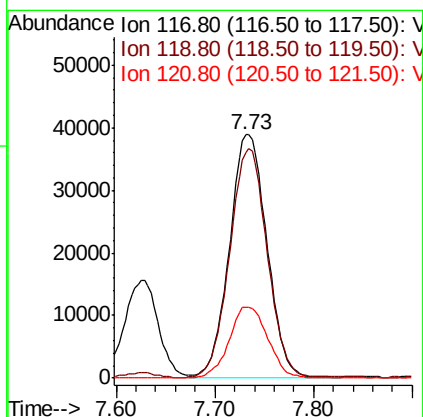
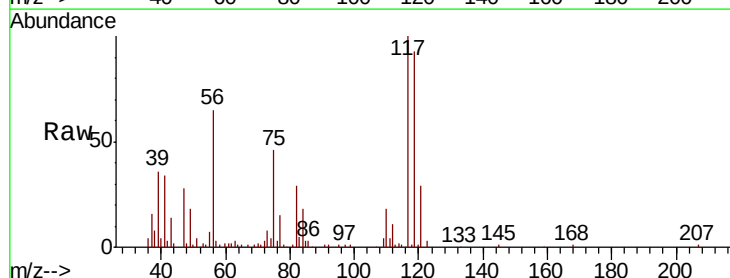
Instrument :
MSVOA_N
ClientSampled :

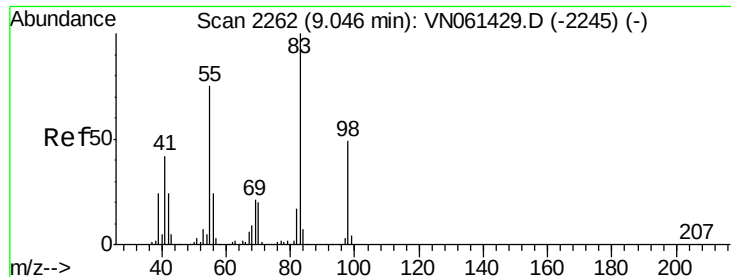
Tot Ion: 43 Resp: 89215
Ion Ratio Lower Upper
43 100
61 15.1 11.7 17.5
70 12.6 9.2 13.8



#38
Carbon Tetrachloride
Concen: 18.902 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN061438.D
Acq: 18 May 2020 16:40

Tgt Ion: 117 Resp: 103069
Ion Ratio Lower Upper
117 100
119 92.4 77.0 115.6
121 29.3 24.7 37.1

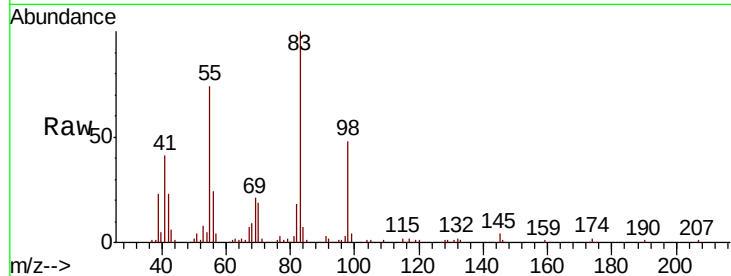




#39
Methylvlcyclohexane
Concen: 18.028 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN061438.D
Acq: 18 May 2020 16:40

Instrument :
MSVOA_N
ClientSampled :

Tot Ion	83	Resp	130395
Ion Ratio	Lower	Upper	
83	100		
55	72.9	59.7	89.5
98	48.9	38.9	58.3

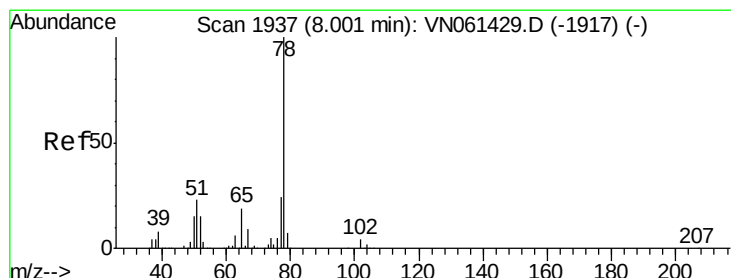
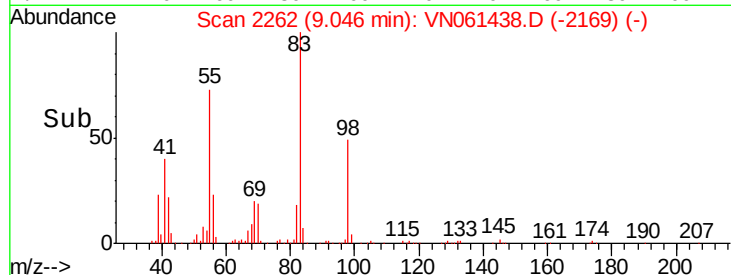
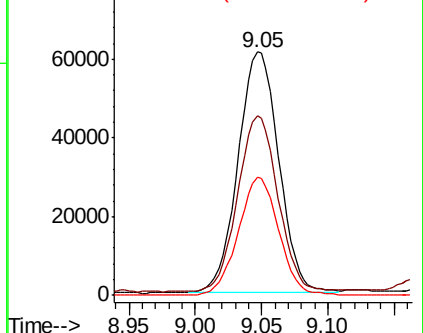


Abundance

Ion 83.00 (82.70 to 83.70): VN0

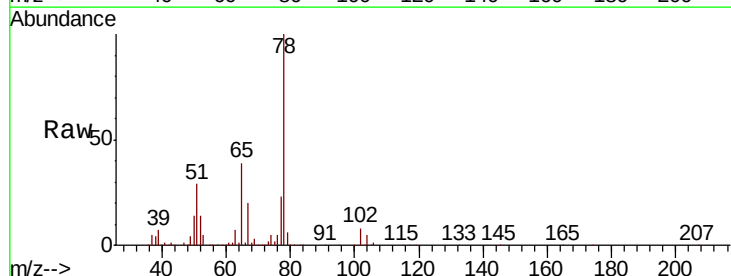
Ion 55.00 (54.70 to 55.70): VN0

Ion 98.00 (97.70 to 98.70): VN0



#40
Benzene
Concen: 18.729 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN061438.D
Acq: 18 May 2020 16:40

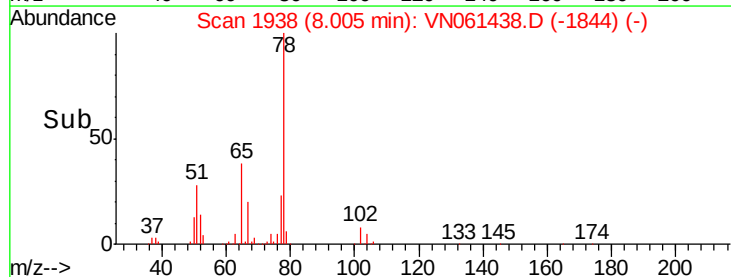
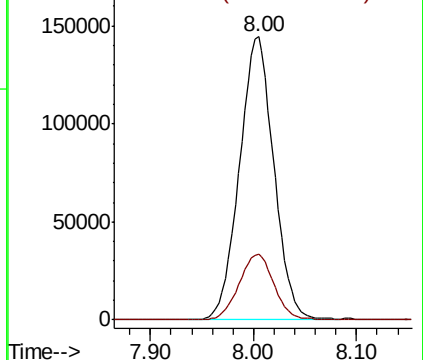
Tgt Ion	78	Resp	334229
Ion Ratio	Lower	Upper	
78	100		
77	22.9	19.1	28.7

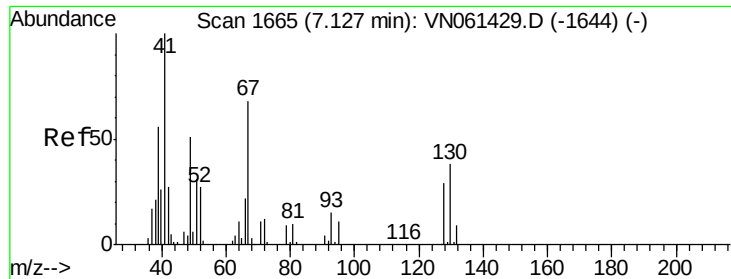


Abundance

Ion 78.00 (77.70 to 78.70): VN0

Ion 77.00 (76.70 to 77.70): VN0

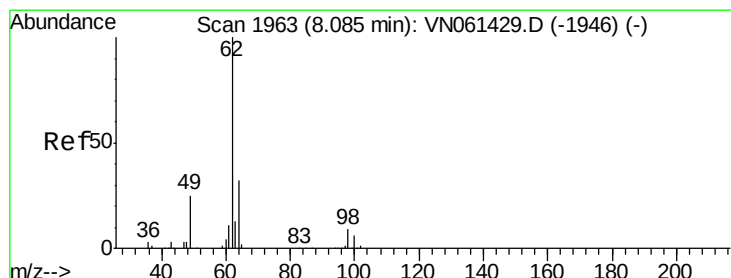
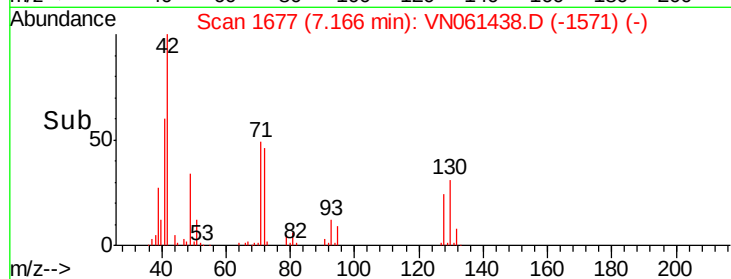
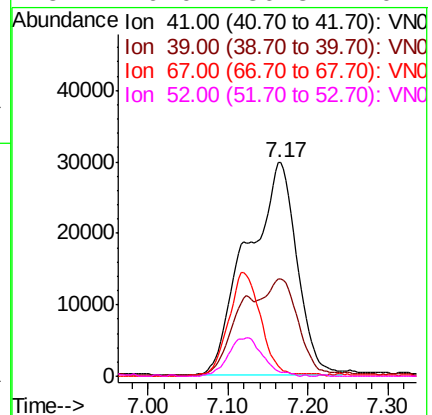
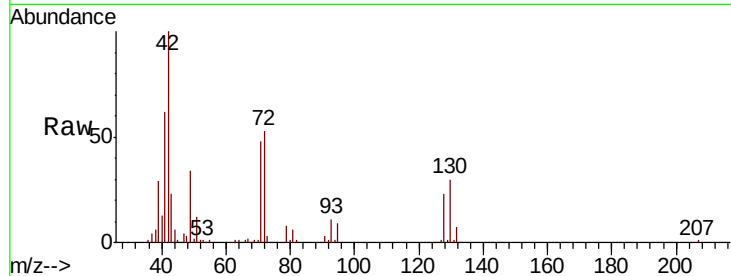




#41
Methacrylonitrile
Concen: 55.827 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.04 min
Lab File: VN061438.D
Acq: 18 May 2020 16:40

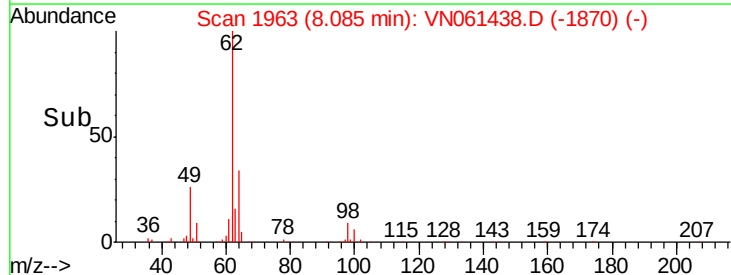
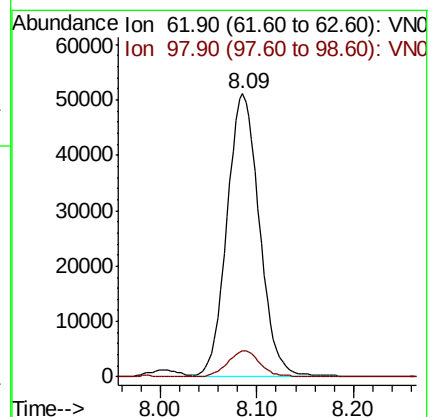
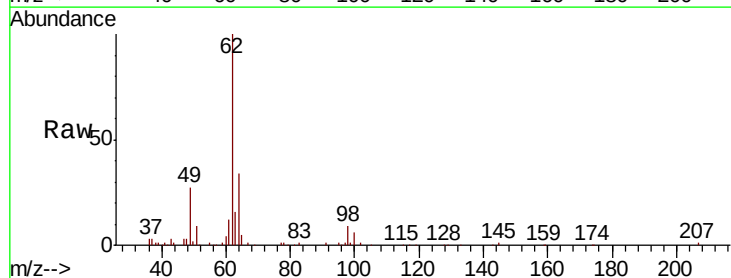
Instrument :
MSVOA_N
ClientSampleId :

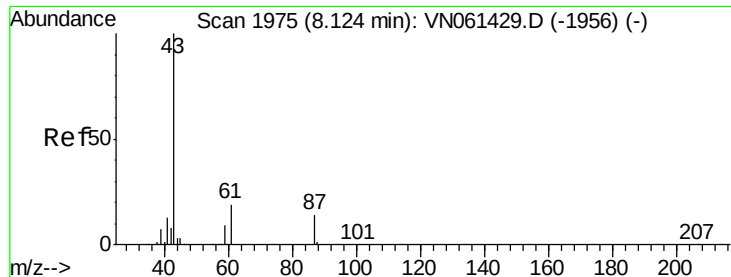
Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	48.3	72.5#
67	0.0	74.2	111.4#
52	0.0	30.8	46.2#



#42
1,2-Dichloroethane
Concen: 18.548 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VN061438.D
Acq: 18 May 2020 16:40

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.4

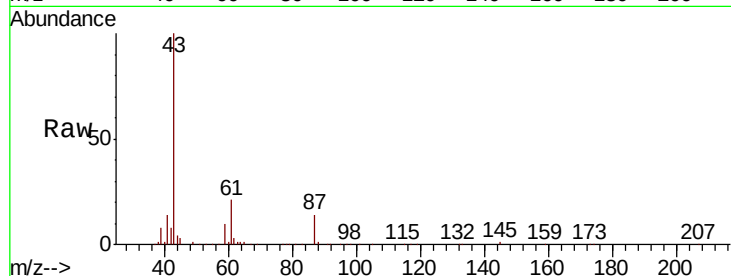




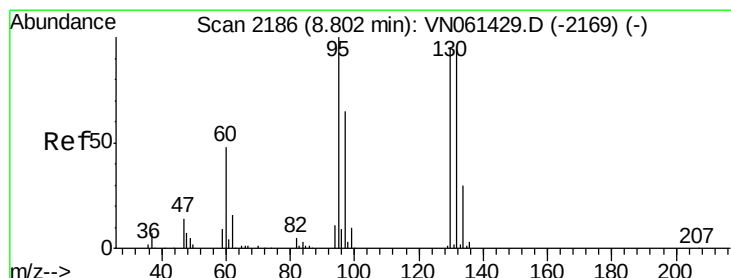
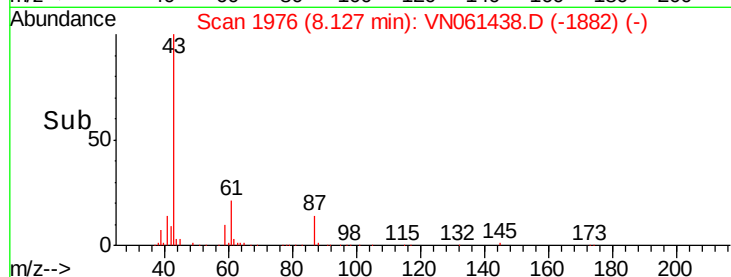
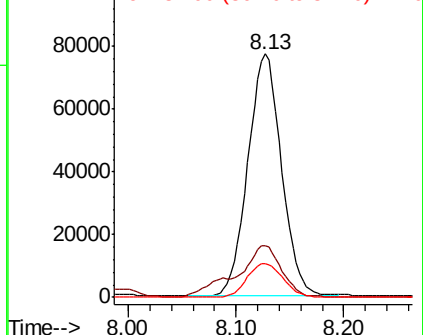
#43
Isopropyl Acetate
Concen: 17.892 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN061438.D
Acq: 18 May 2020 16:40

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 43 Resp: 167590
Ion Ratio Lower Upper
43 100
61 28.7 23.0 34.4
87 14.8 11.6 17.4

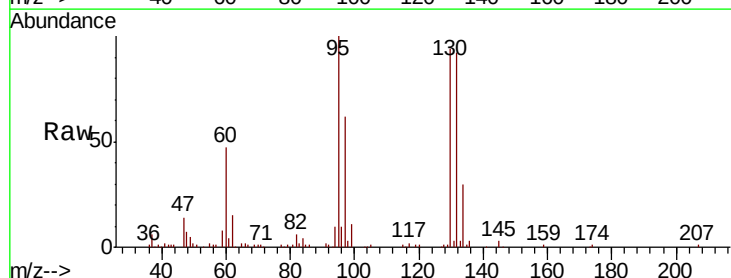


Abundance Ion 43.00 (42.70 to 43.70): VN061429.D (-1956) (-)
Ion 61.00 (60.70 to 61.70): VN061429.D (-1956) (-)
Ion 87.00 (86.70 to 87.70): VN061429.D (-1956) (-)

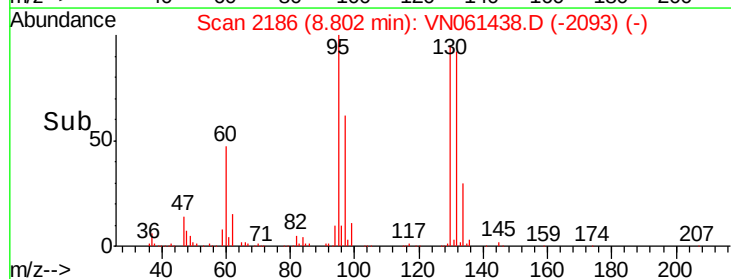
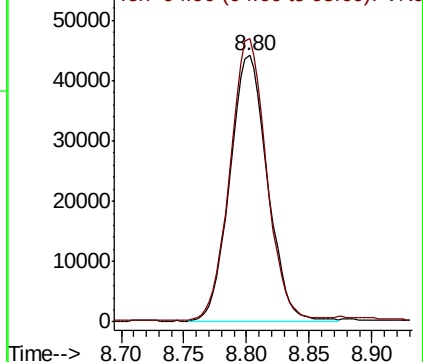


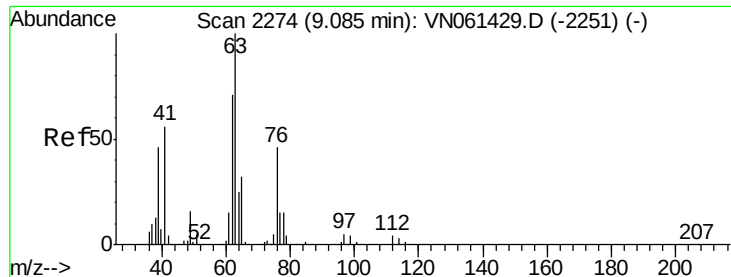
#44
Trichloroethene
Concen: 19.768 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. 0.00 min
Lab File: VN061438.D
Acq: 18 May 2020 16:40

Tgt Ion:130 Resp: 92433
Ion Ratio Lower Upper
130 100
95 105.4 0.0 209.8



Abundance Ion 129.80 (129.50 to 130.50): VN061429.D (-2169) (-)
Ion 94.90 (94.60 to 95.60): VN061429.D (-2169) (-)





#45

1,2-Dichloropropane

Concen: 18.683 ug/l

RT: 9.09 min Scan# 2274

Delta R.T. 0.00 min

Lab File: VN061438.D

Acq: 18 May 2020 16:40

Instrument :

MSVOA_N

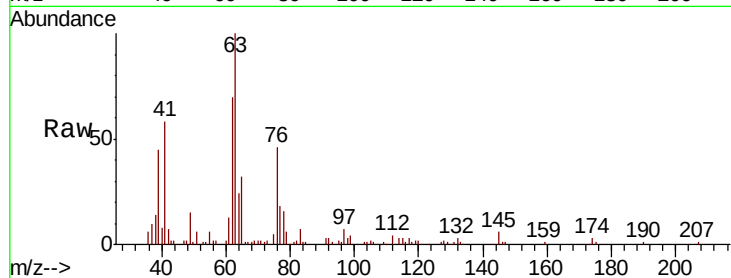
ClientSampled :

Tot Ion: 63 Resp: 83454

Ion Ratio Lower Upper

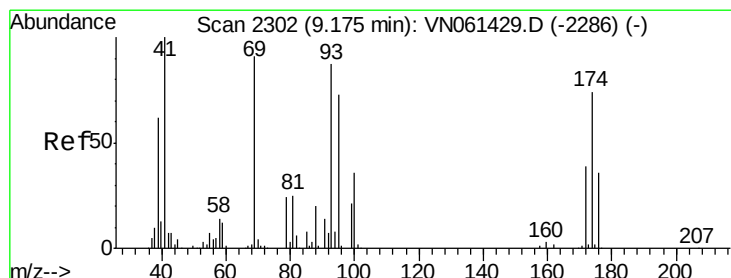
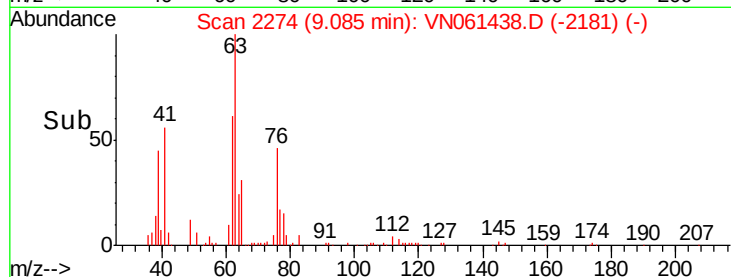
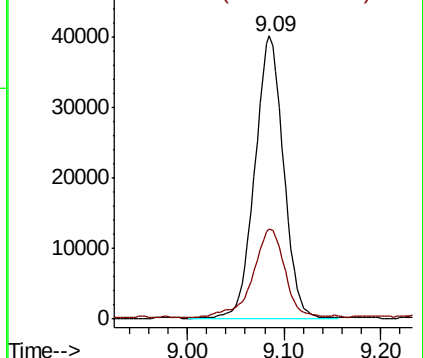
63 100

65 31.3 25.2 37.8



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 18.404 ug/l

RT: 9.18 min Scan# 2302

Delta R.T. 0.00 min

Lab File: VN061438.D

Acq: 18 May 2020 16:40

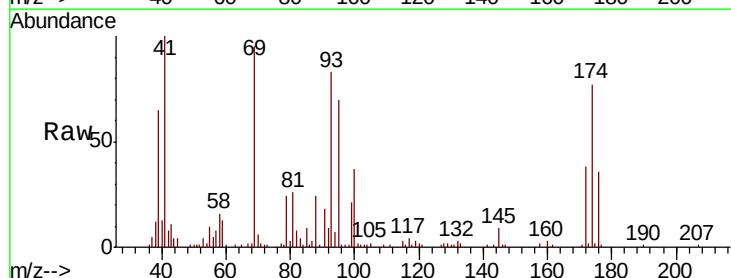
Tgt Ion: 93 Resp: 57629

Ion Ratio Lower Upper

93 100

95 80.9 65.6 98.4

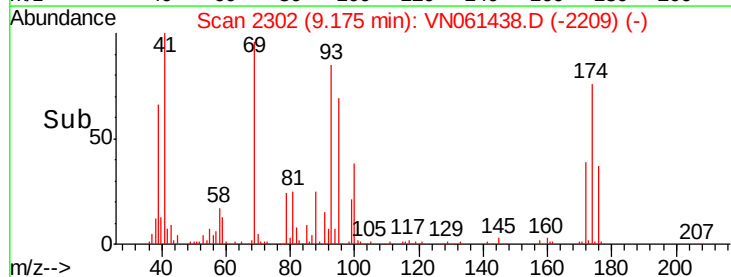
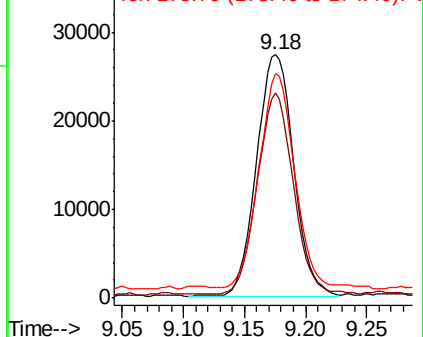
174 87.2 68.0 102.0

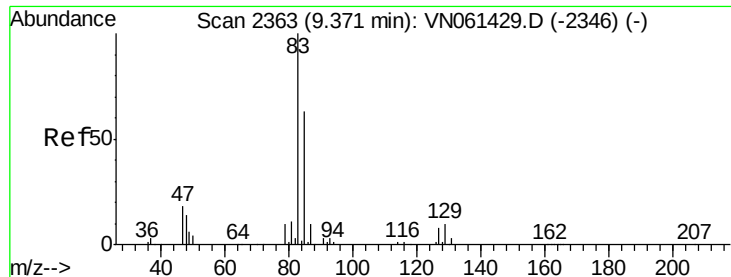


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 18.335 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. 0.00 min

Lab File: VN061438.D

Acq: 18 May 2020 16:40

Instrument :

MSVOA_N

ClientSampleId :

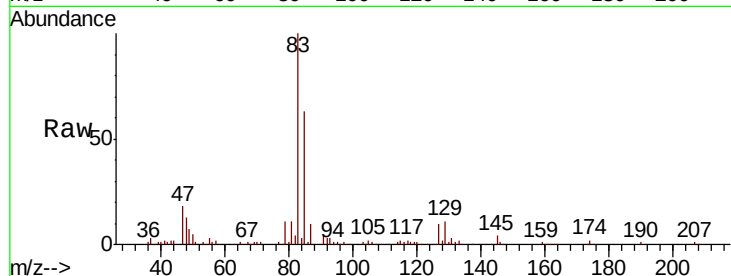
Tot Ion: 83 Resp: 120967

Ion Ratio Lower Upper

83 100

85 64.1 50.6 76.0

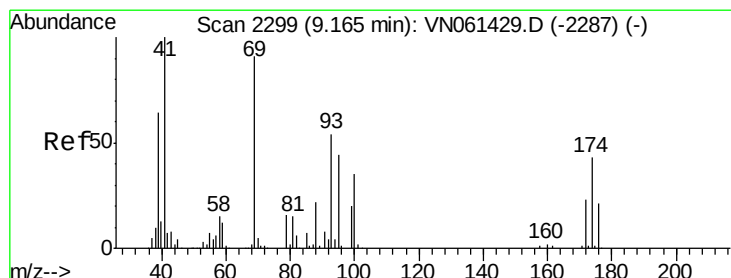
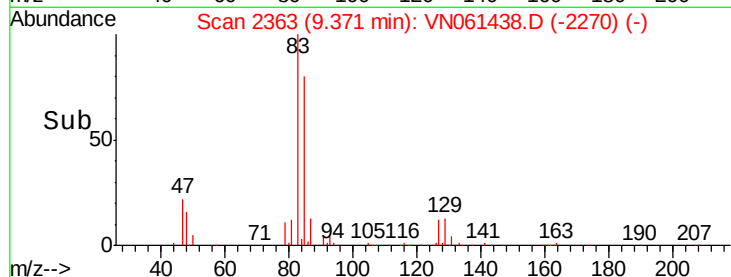
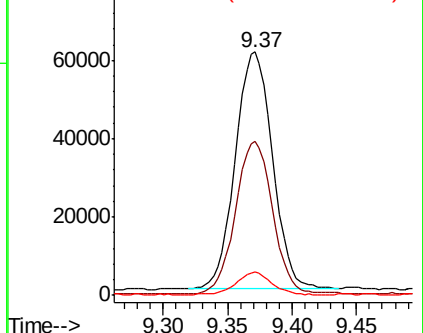
127 9.4 6.1 9.1#



Abundance Ion 82.90 (82.60 to 83.60): VN061438.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN061438.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN061438.D (-2270) (-)



#48

Methyl methacrylate

Concen: 16.967 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. 0.00 min

Lab File: VN061438.D

Acq: 18 May 2020 16:40

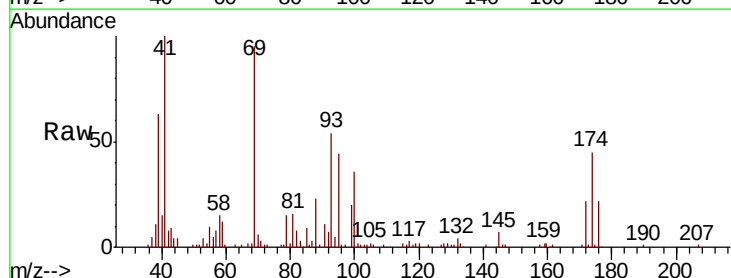
Tgt Ion: 41 Resp: 73416

Ion Ratio Lower Upper

41 100

69 99.9 75.3 112.9

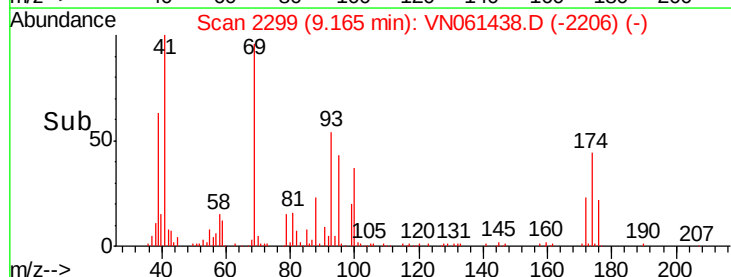
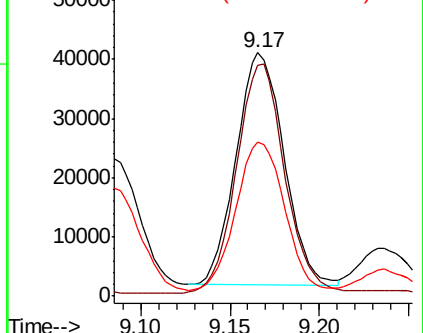
39 66.4 52.6 79.0

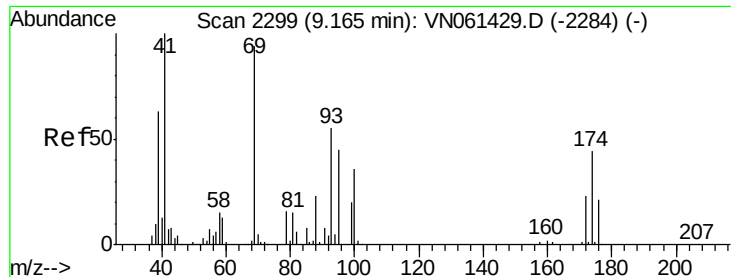


Abundance Ion 41.00 (40.70 to 41.70): VN061438.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN061438.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN061438.D (-2206) (-)

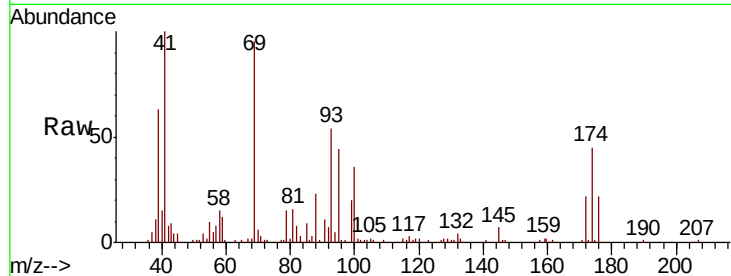




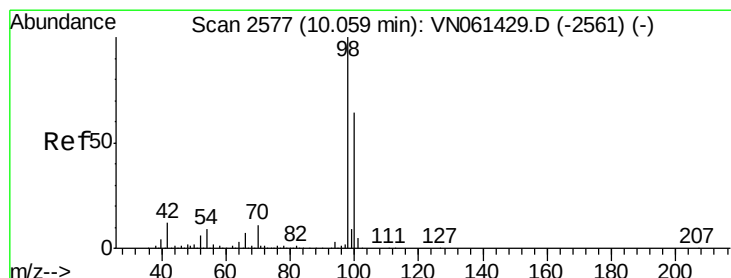
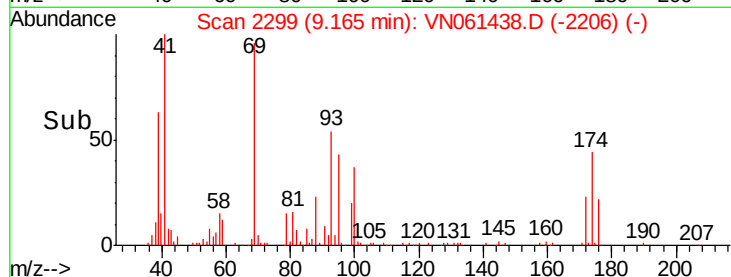
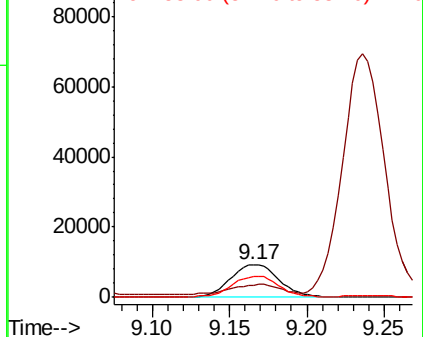
#49
1,4-Dioxane
Concen: 422.699 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. 0.00 min
Lab File: VN061438.D
Acq: 18 May 2020 16:40

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 88 Resp: 20228
Ion Ratio Lower Upper
88 100
43 31.4 26.3 39.5
58 64.7 54.1 81.1

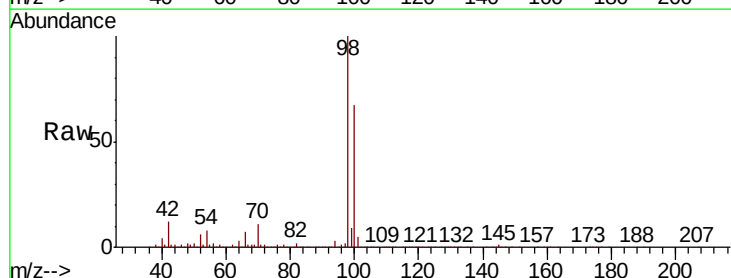


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

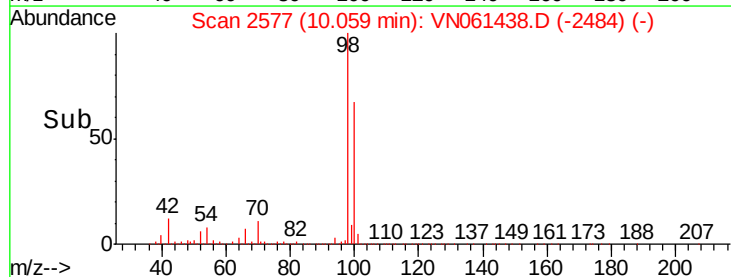
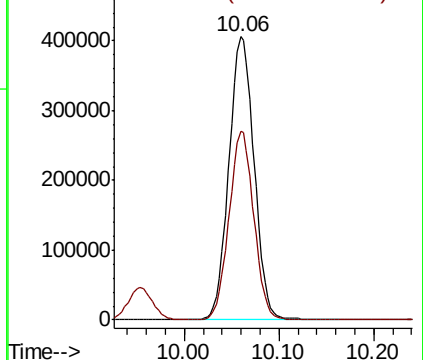


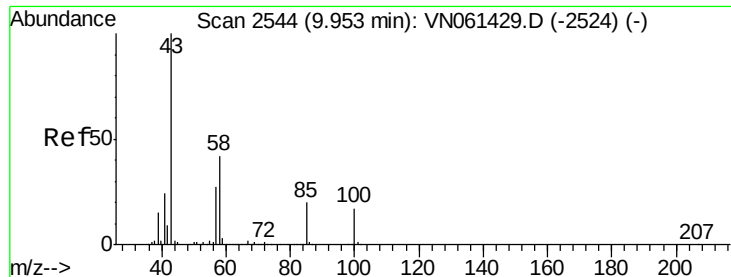
#50
Toluene-d8
Concen: 48.792 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN061438.D
Acq: 18 May 2020 16:40

Tgt Ion: 98 Resp: 750835
Ion Ratio Lower Upper
98 100
100 65.6 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0

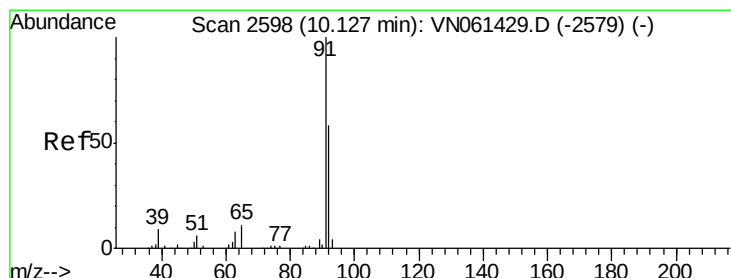
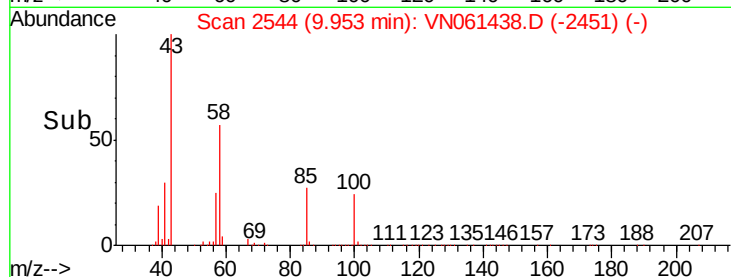
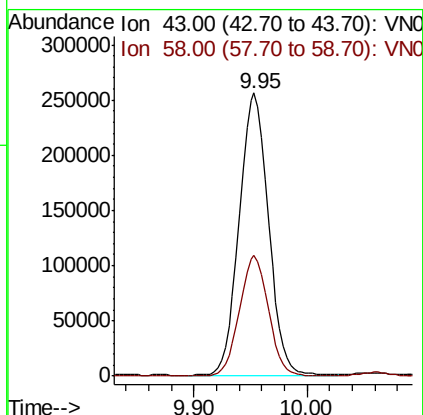
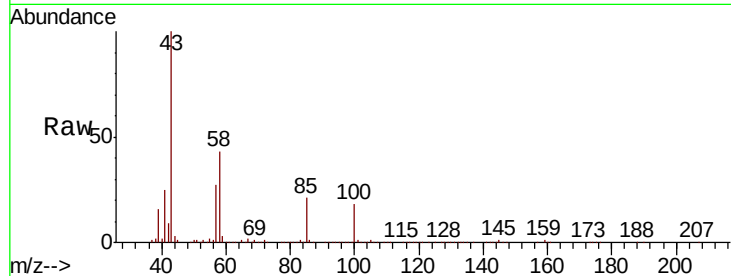




#51
 4-Methyl-2-Pentanone
 Concen: 90.470 ug/l
 RT: 9.95 min Scan# 2544
 Delta R.T. 0.00 min
 Lab File: VN061438.D
 Acq: 18 May 2020 16:40

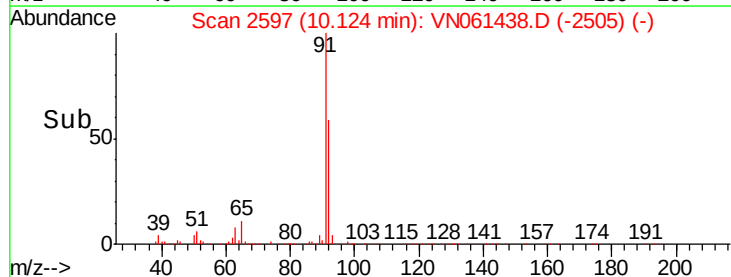
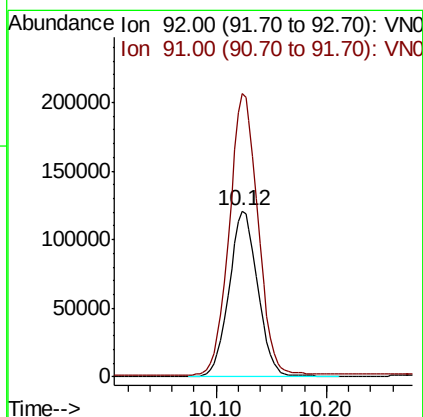
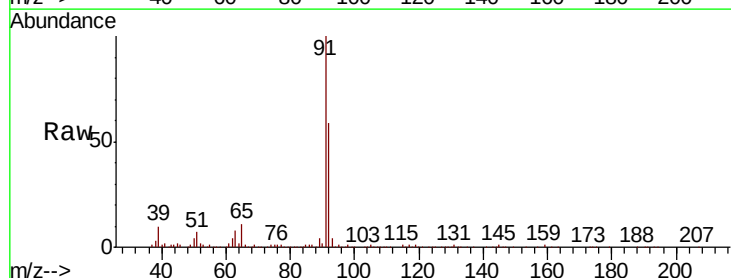
Instrument :
 MSVOA_N
 ClientSampled :

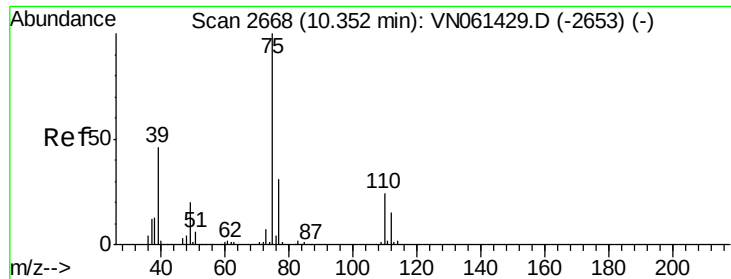
Tot Ion: 43 Resp: 461620
 Ion Ratio Lower Upper
 43 100
 58 42.2 33.4 50.2



#52
 Toluene
 Concen: 18.827 ug/l
 RT: 10.12 min Scan# 2597
 Delta R.T. -0.00 min
 Lab File: VN061438.D
 Acq: 18 May 2020 16:40

Tgt Ion: 92 Resp: 215706
 Ion Ratio Lower Upper
 92 100
 91 171.2 138.0 207.0





#53

t-1,3-Dichloropropene

Concen: 18.453 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. 0.00 min

Lab File: VN061438.D

Acq: 18 May 2020 16:40

Instrument :

MSVOA_N

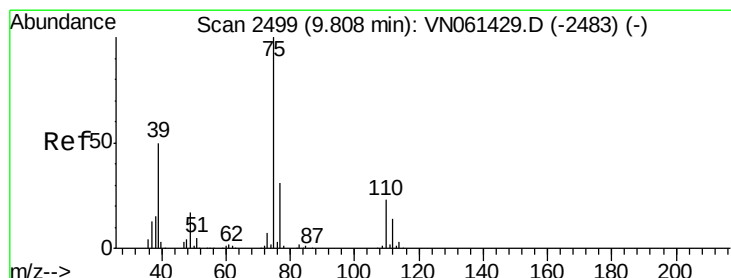
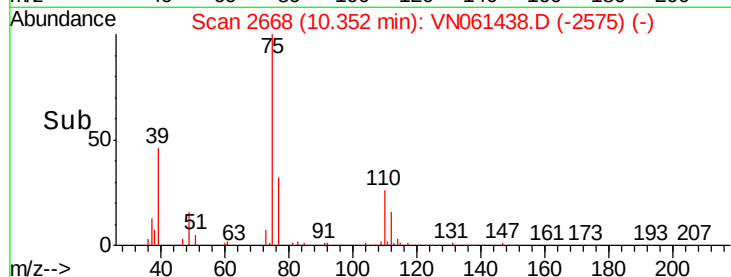
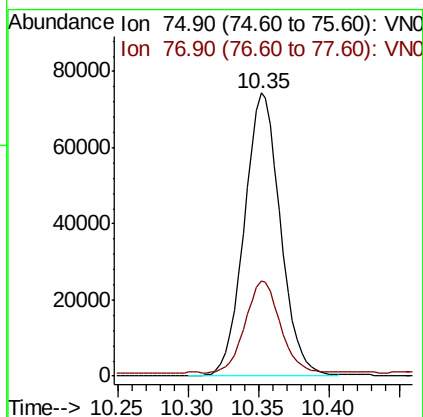
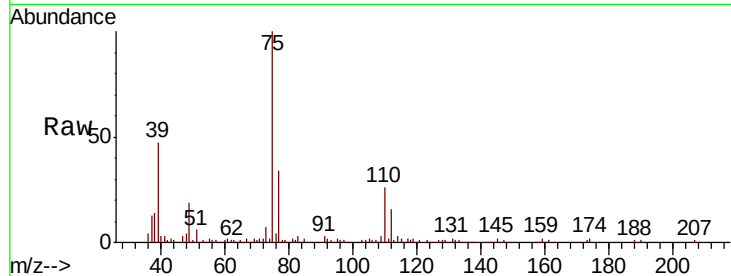
ClientSampleId :

Tot Ion: 75 Resp: 133436

Ion Ratio Lower Upper

75 100

77 32.3 24.8 37.2



#54

cis-1,3-Dichloropropene

Concen: 18.174 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. 0.00 min

Lab File: VN061438.D

Acq: 18 May 2020 16:40

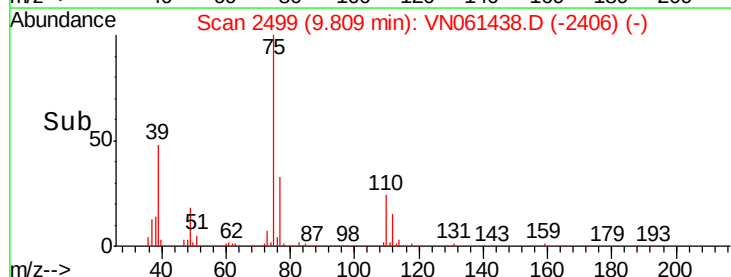
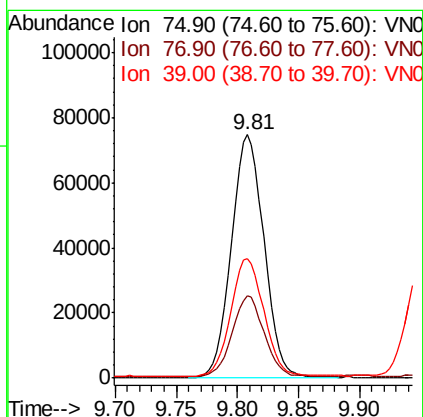
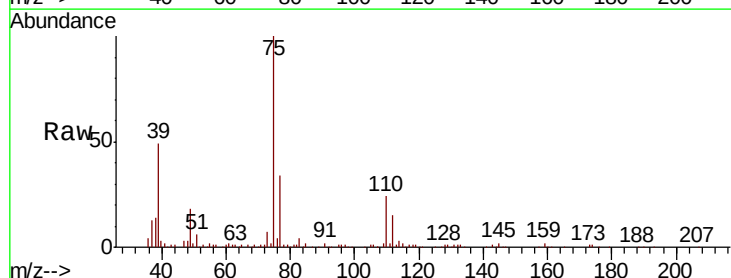
Tgt Ion: 75 Resp: 139707

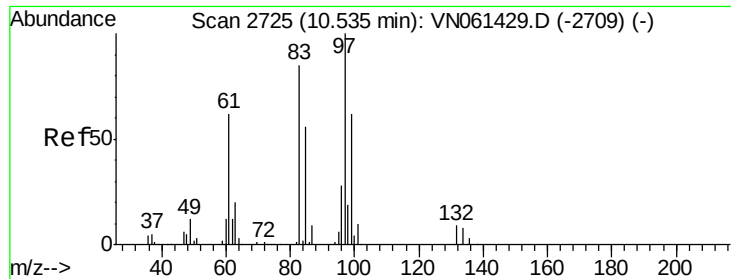
Ion Ratio Lower Upper

75 100

77 32.9 24.8 37.2

39 48.4 39.8 59.6





#55

1,1,2-Trichloroethane

Concen: 18.751 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VN061438.D

Acq: 18 May 2020 16:40

Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 97 Resp: 81222

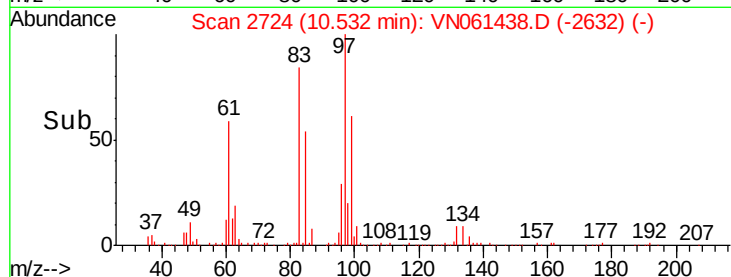
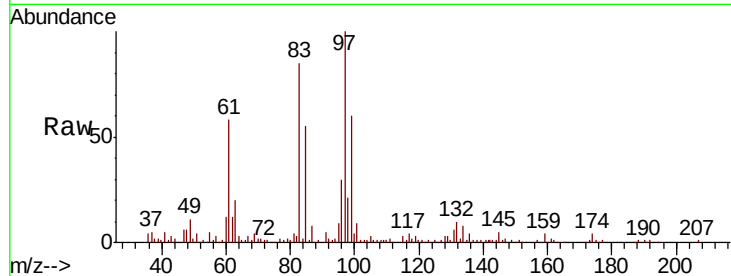
Ion	Ratio	Lower	Upper
97	100		
83	84.0	68.2	102.4
85	54.6	44.6	67.0
99	61.6	49.5	74.3

97 100

83 84.0 68.2 102.4

85 54.6 44.6 67.0

99 61.6 49.5 74.3

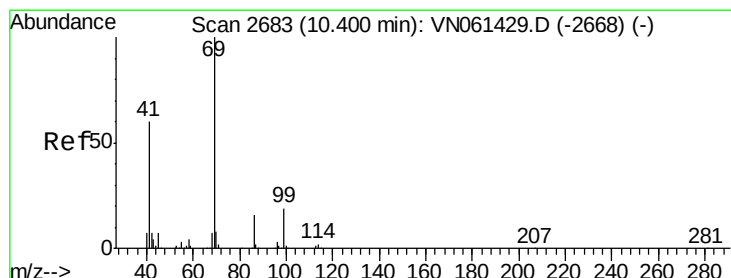
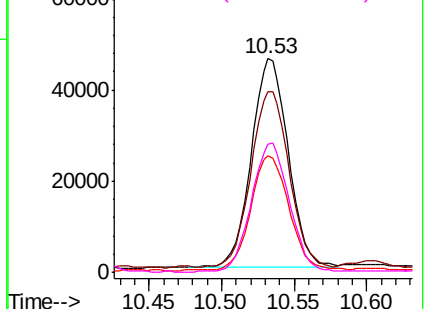


Abundance Ion 96.90 (96.60 to 97.60): VN0

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



#56

Ethyl methacrylate

Concen: 19.542 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. 0.00 min

Lab File: VN061438.D

Acq: 18 May 2020 16:40

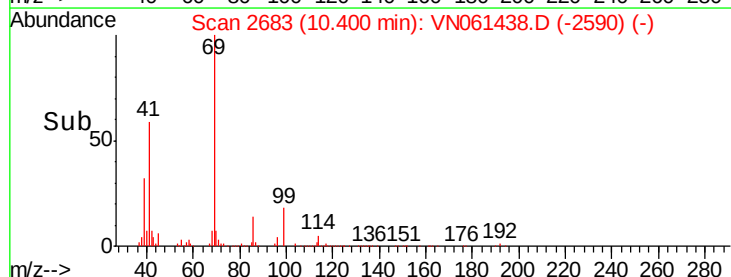
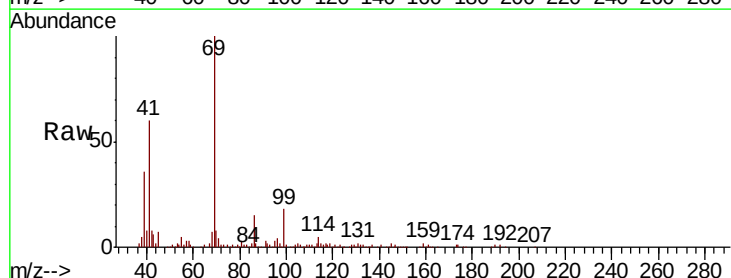
Tgt Ion: 69 Resp: 132338

Ion	Ratio	Lower	Upper
69	100		
41	59.0	48.3	72.5
39	35.1	30.2	45.2

69 100

41 59.0 48.3 72.5

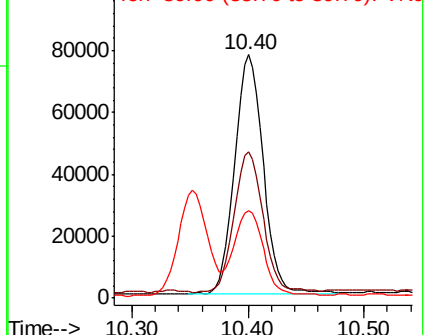
39 35.1 30.2 45.2

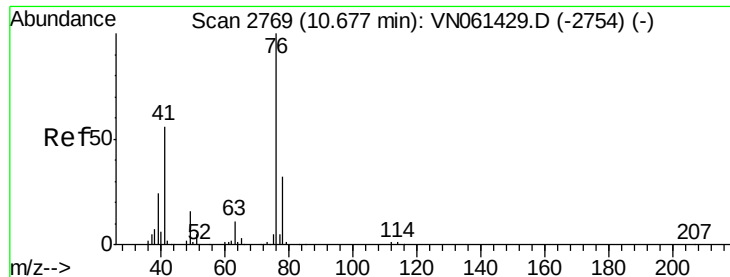


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0





#57

1,3-Dichloropropane

Concen: 18.901 ug/l

RT: 10.68 min Scan# 2770

Delta R.T. 0.00 min

Lab File: VN061438.D

Acq: 18 May 2020 16:40

Instrument :

MSVOA_N

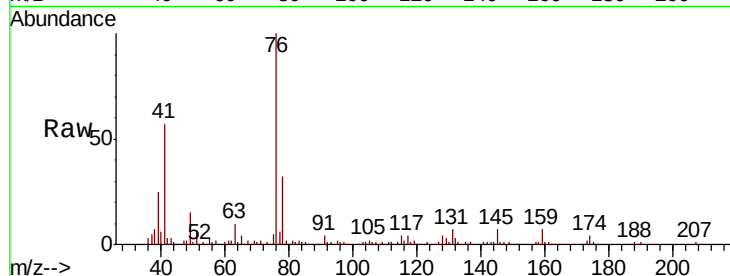
ClientSampled :

Tot Ion: 76 Resp: 141491

Ion Ratio Lower Upper

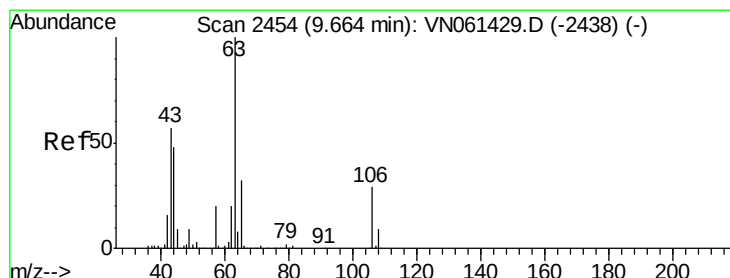
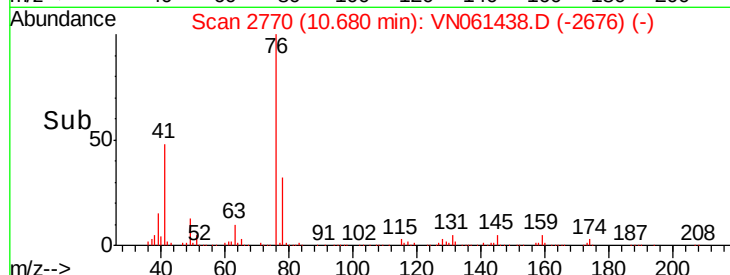
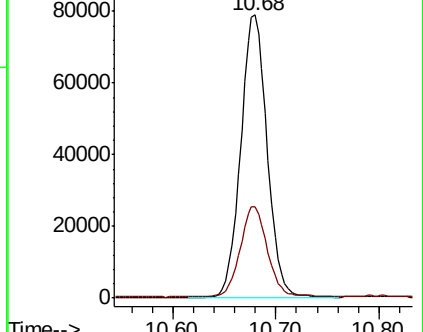
76 100

78 32.2 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VN061429.D (-2754) (-)

Ion 77.90 (77.60 to 78.60): VN061429.D (-2754) (-)



#58

2-Chloroethyl Vinyl ether

Concen: 87.088 ug/l

RT: 9.66 min Scan# 2454

Delta R.T. 0.00 min

Lab File: VN061438.D

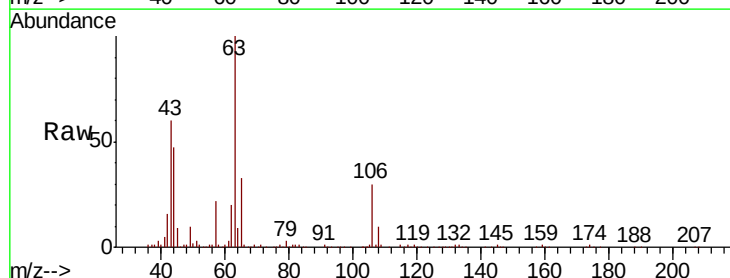
Acq: 18 May 2020 16:40

Tgt Ion: 63 Resp: 258862

Ion Ratio Lower Upper

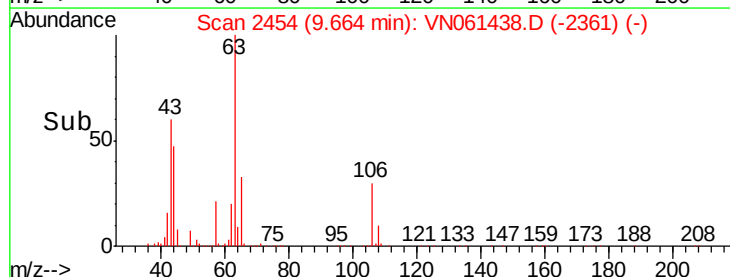
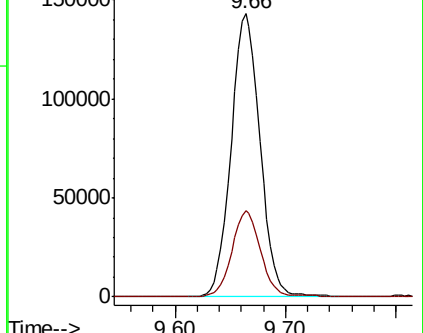
63 100

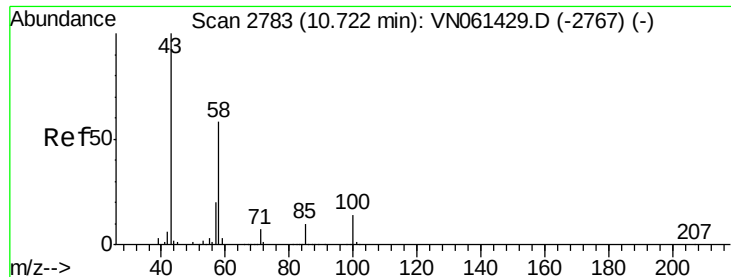
106 29.6 22.7 34.1



Abundance Ion 62.90 (62.60 to 63.60): VN061429.D (-2438) (-)

Ion 105.90 (105.60 to 106.60): VN061429.D (-2438) (-)

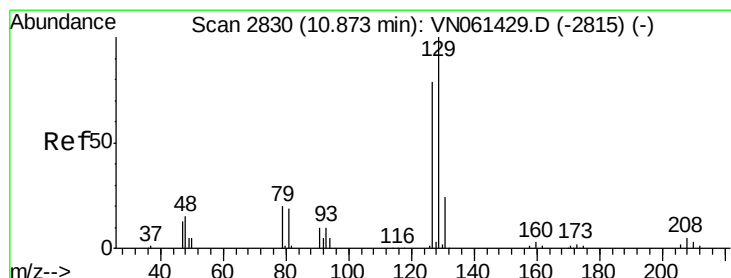
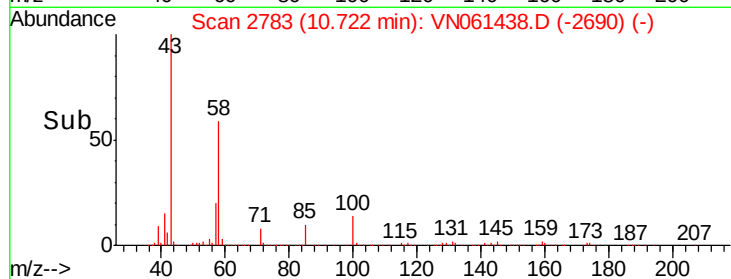
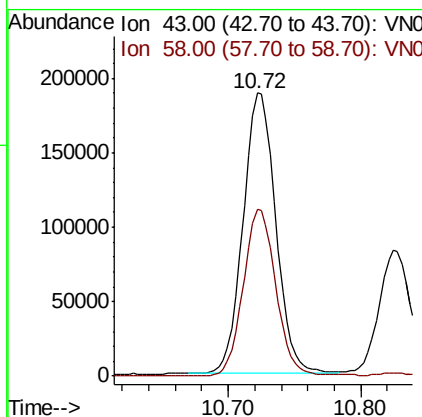
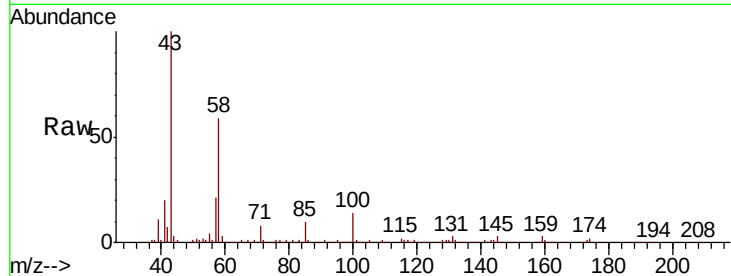




#59
2-Hexanone
Concen: 87.852 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN061438.D
Acq: 18 May 2020 16:40

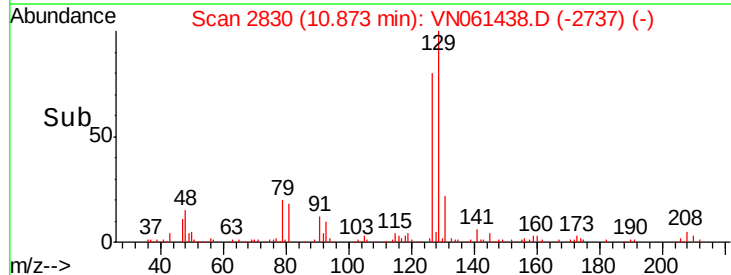
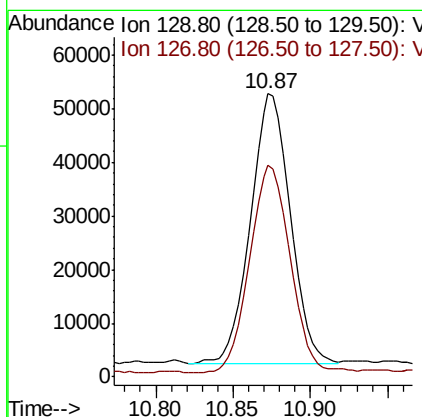
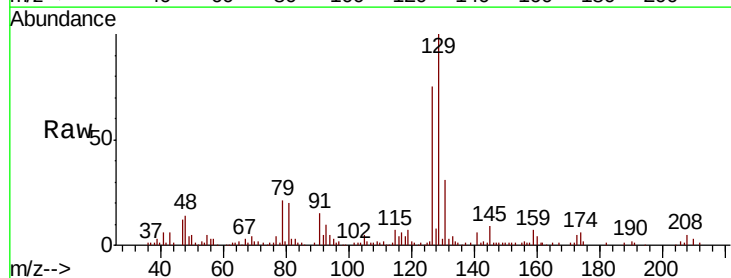
Instrument :
MSVOA_N
ClientSampled :

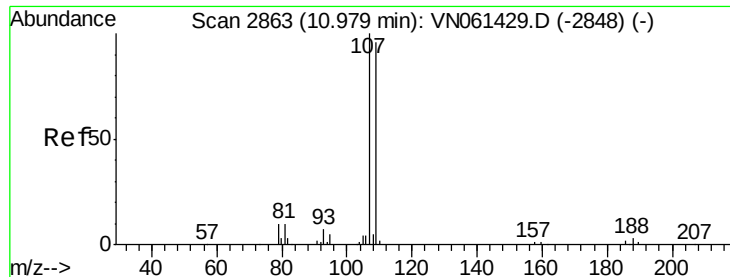
Tot Ion: 43 Resp: 324310
Ion Ratio Lower Upper
43 100
58 59.2 29.2 87.6



#60
Dibromochloromethane
Concen: 18.831 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. 0.00 min
Lab File: VN061438.D
Acq: 18 May 2020 16:40

Tgt Ion: 129 Resp: 90226
Ion Ratio Lower Upper
129 100
127 77.9 38.8 116.3

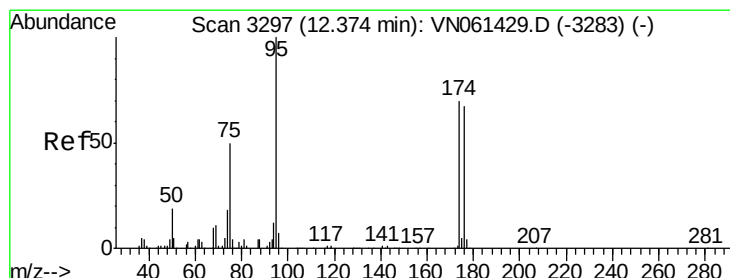
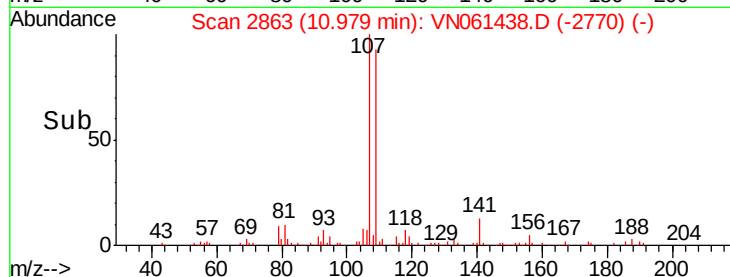
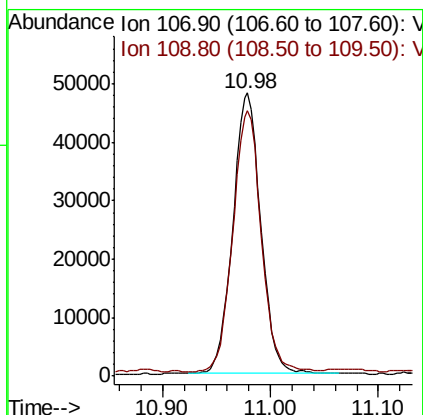
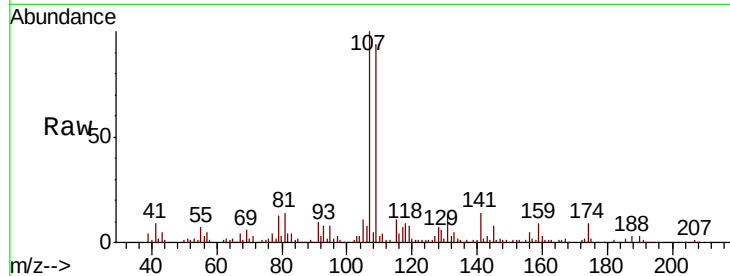




#61
 1,2-Dibromoethane
 Concen: 19.053 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN061438.D
 Acq: 18 May 2020 16:40

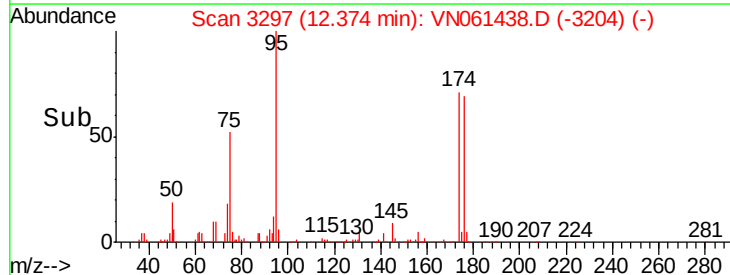
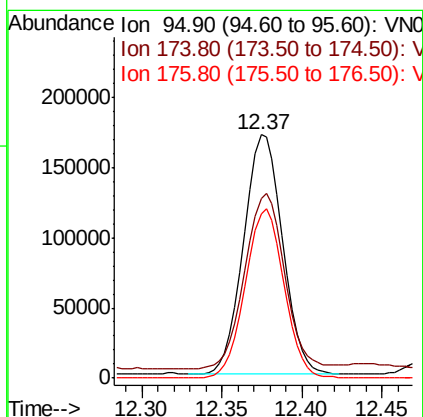
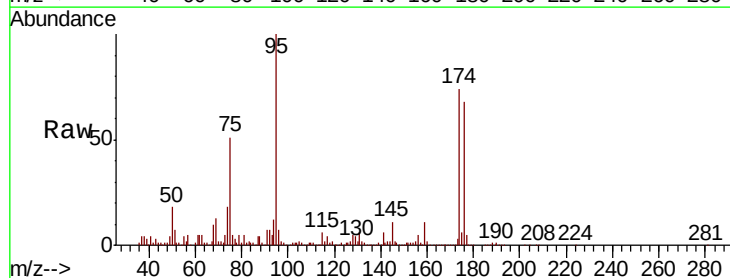
Instrument :
 MSVOA_N
 ClientSampled :

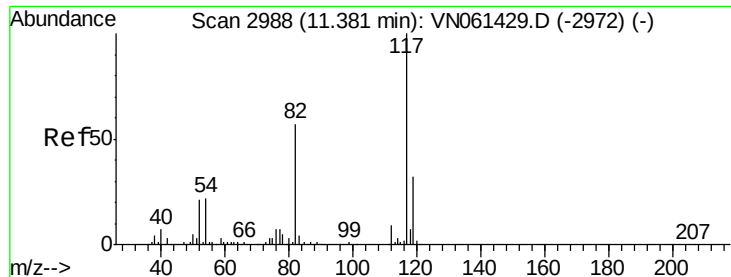
Tot Ion:107 Resp: 86774
 Ion Ratio Lower Upper
 107 100
 109 94.3 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 49.216 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. 0.00 min
 Lab File: VN061438.D
 Acq: 18 May 2020 16:40

Tgt Ion: 95 Resp: 282954
 Ion Ratio Lower Upper
 95 100
 174 74.3 0.0 141.2
 176 70.5 0.0 137.6

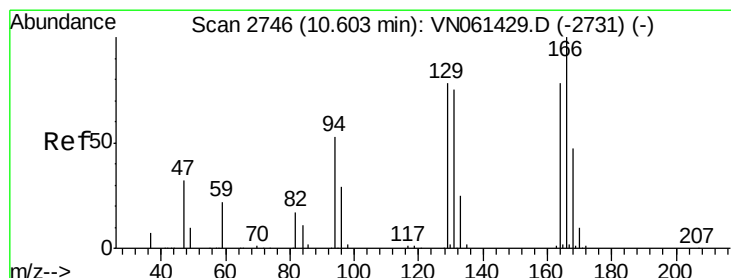
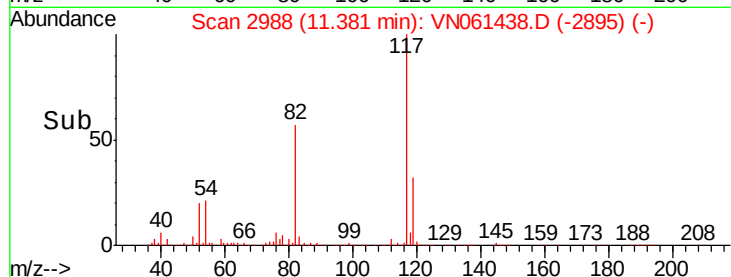
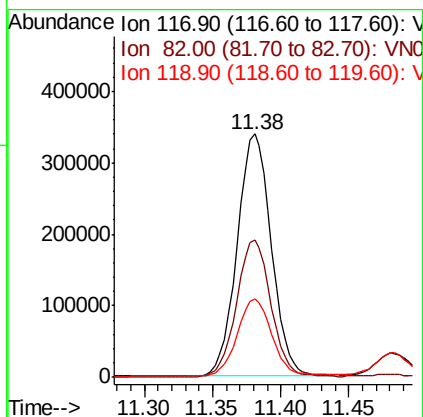
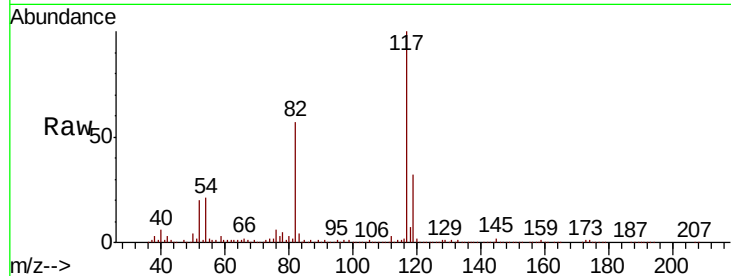




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061438.D
Acq: 18 May 2020 16:40

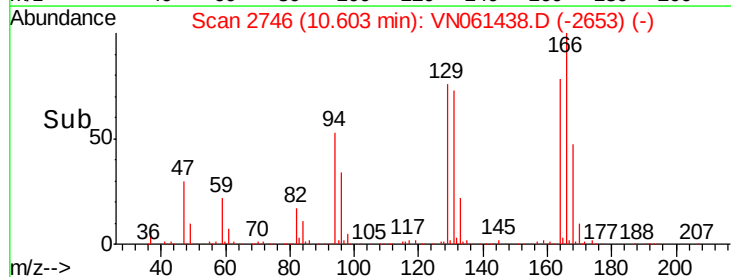
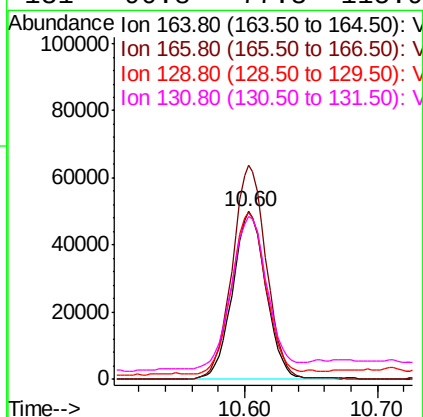
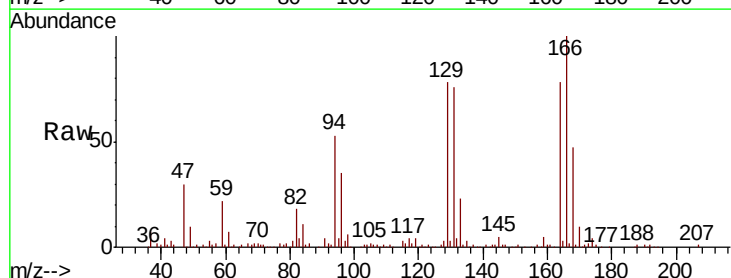
Instrument :
MSVOA_N
ClientSampled :

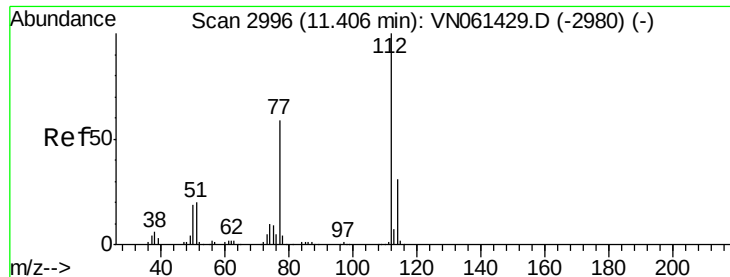
Tot Ion:117 Resp: 585925
Ion Ratio Lower Upper
117 100
82 56.6 45.2 67.8
119 31.9 25.3 37.9



#64
Tetrachloroethene
Concen: 19.273 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN061438.D
Acq: 18 May 2020 16:40

Tgt Ion:164 Resp: 87365
Ion Ratio Lower Upper
164 100
166 127.6 103.2 154.8
129 96.5 81.0 121.4
131 90.8 77.3 115.9





#65

Chlorobenzene

Concen: 19.141 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. 0.00 min

Lab File: VN061438.D

Acq: 18 May 2020 16:40

Instrument :

MSVOA_N

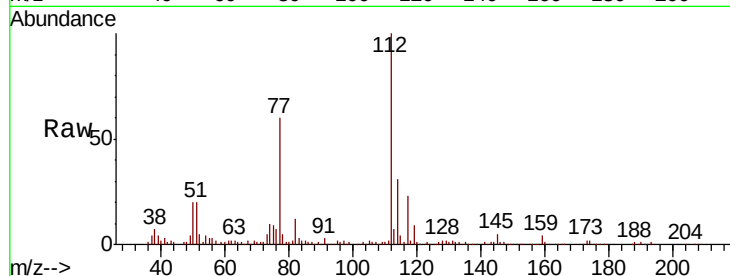
ClientSampled :

Tot Ion:112 Resp: 228707

Ion Ratio Lower Upper

112 100

114 31.5 25.0 37.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.41

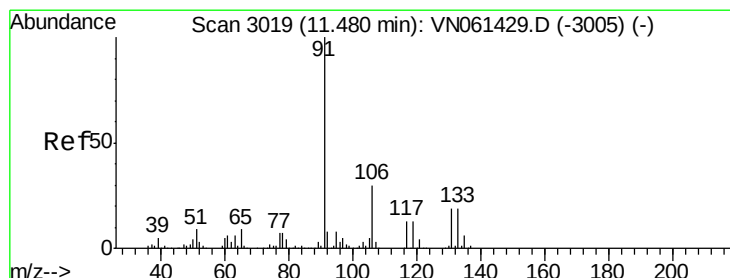
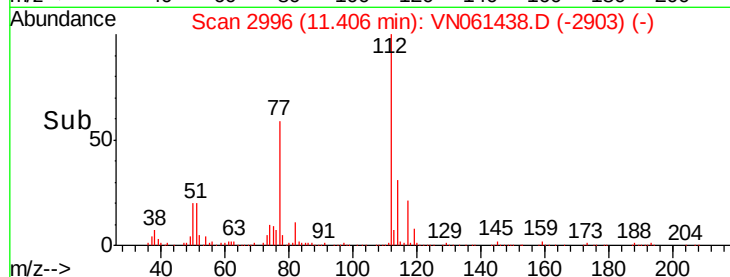
150000

100000

50000

0

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 18.112 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. 0.00 min

Lab File: VN061438.D

Acq: 18 May 2020 16:40

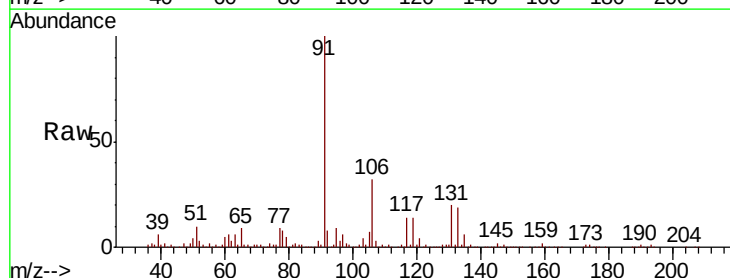
Tgt Ion:131 Resp: 77584

Ion Ratio Lower Upper

131 100

133 98.4 48.7 146.1

119 70.1 33.8 101.3



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

11.48

60000

50000

40000

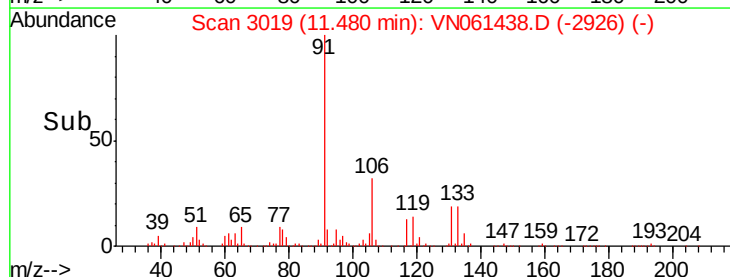
30000

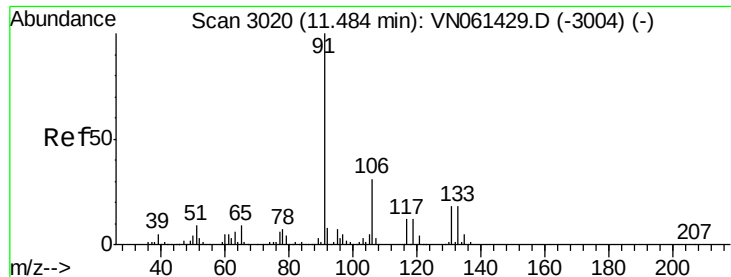
20000

10000

0

Time-->

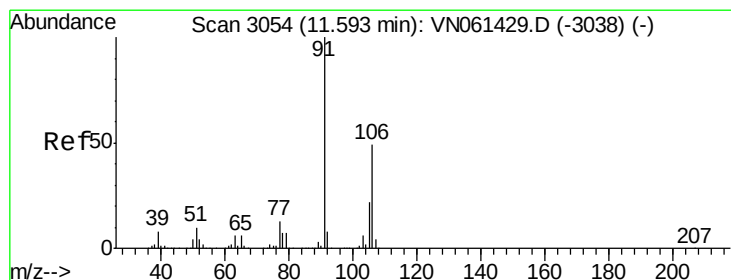
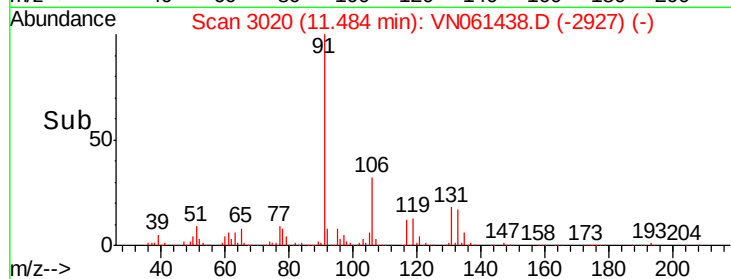
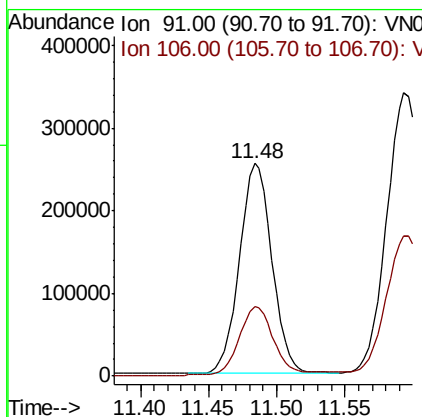
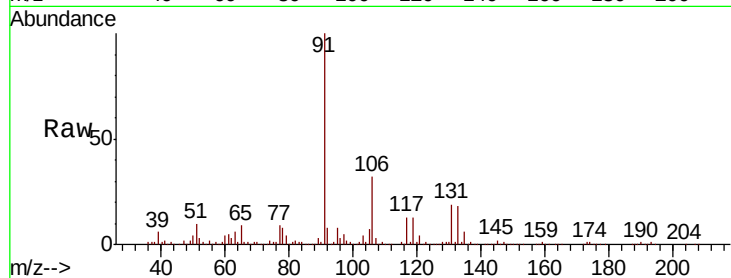




#67
Ethyl Benzene
Concen: 19.343 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN061438.D
Acq: 18 May 2020 16:40

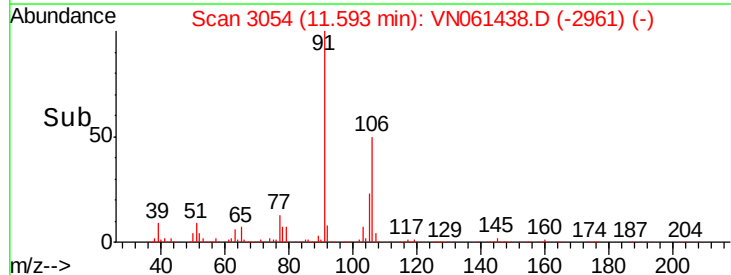
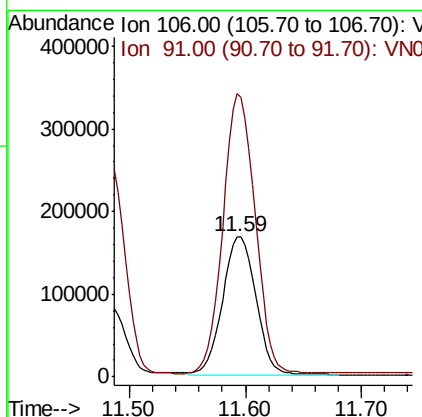
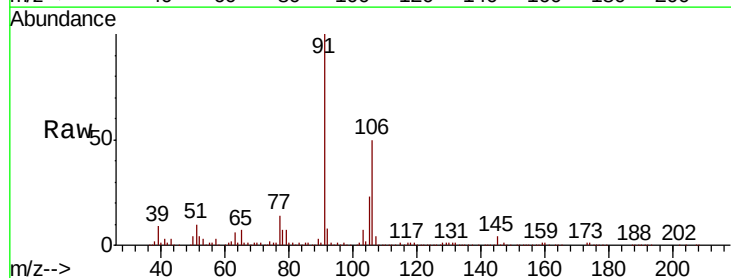
Instrument :
MSVOA_N
ClientSampleId :

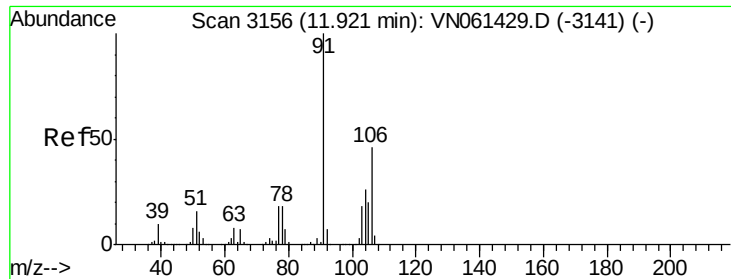
Tot Ion: 91 Resp: 421879
Ion Ratio Lower Upper
91 100
106 32.2 24.6 36.8



#68
m/p-Xylenes
Concen: 40.152 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN061438.D
Acq: 18 May 2020 16:40

Tgt Ion: 106 Resp: 332407
Ion Ratio Lower Upper
106 100
91 196.4 163.0 244.6

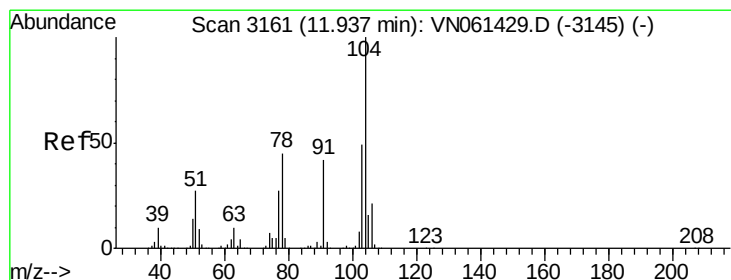
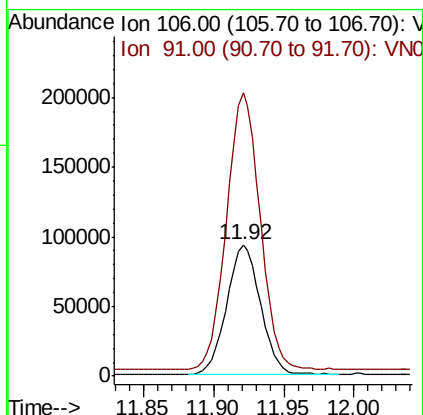
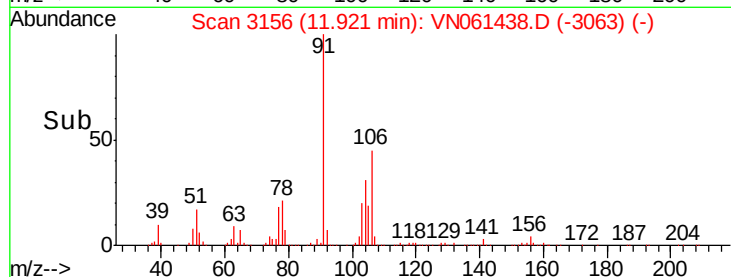
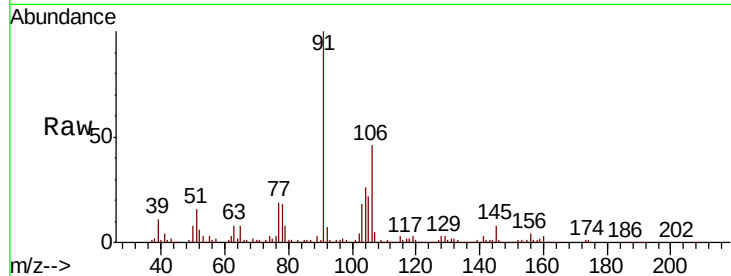




#69
o-Xylene
Concen: 19.389 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN061438.D
Acq: 18 May 2020 16:40

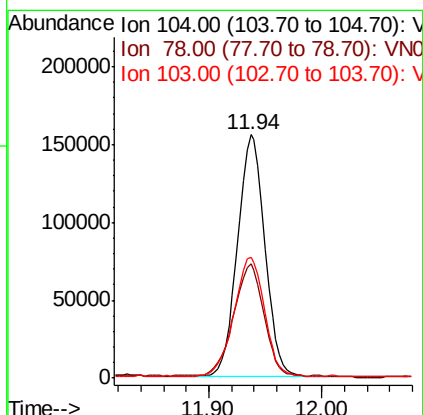
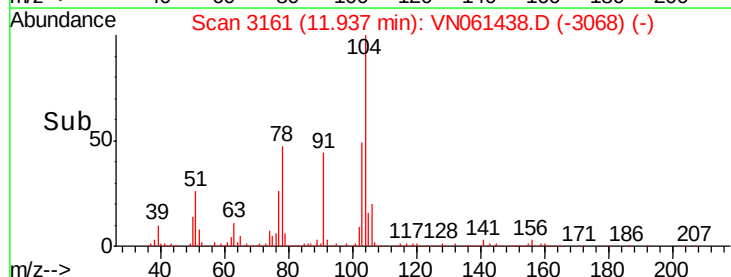
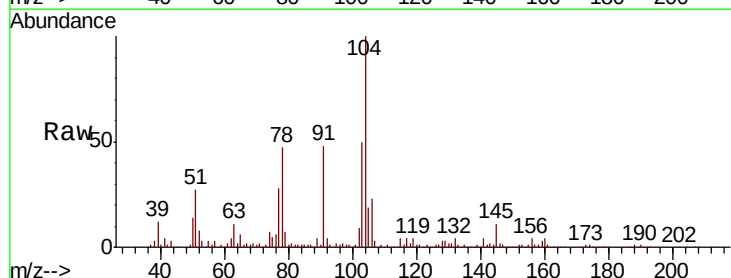
Instrument :
MSVOA_N
ClientSampled :

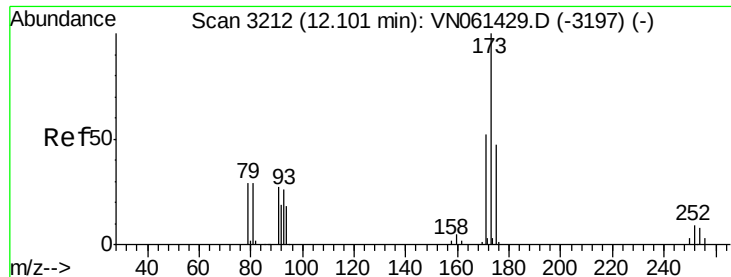
Tot Ion:106 Resp: 155333
Ion Ratio Lower Upper
106 100
91 211.9 107.9 323.7



#70
Styrene
Concen: 19.852 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN061438.D
Acq: 18 May 2020 16:40

Tgt Ion:104 Resp: 263369
Ion Ratio Lower Upper
104 100
78 50.7 40.7 61.1
103 54.6 43.0 64.4

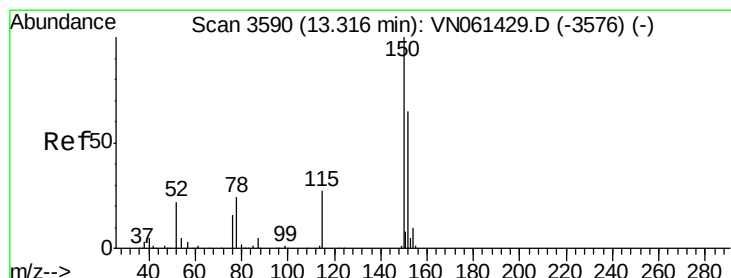
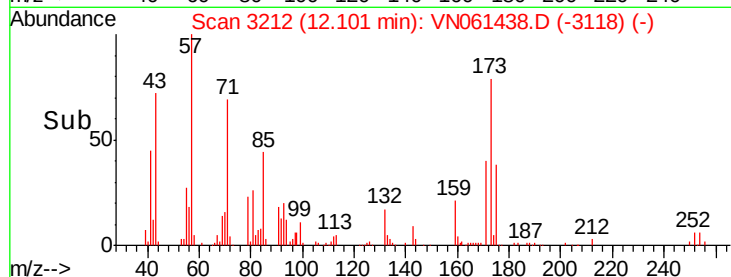
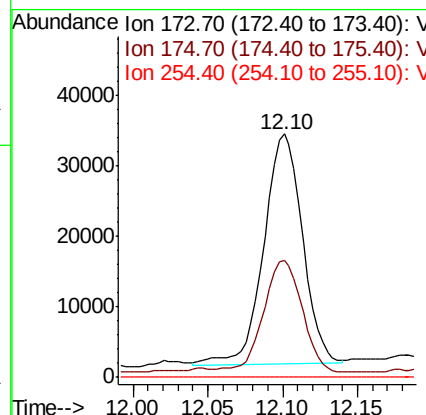
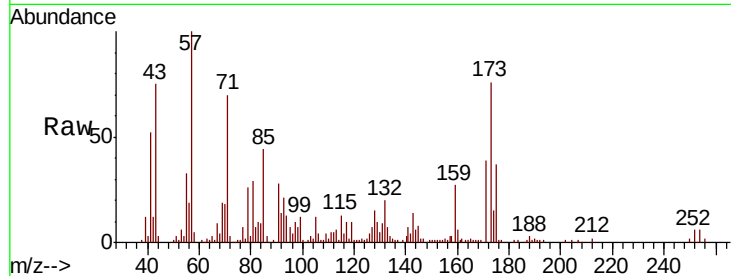




#71
Bromoform
Concen: 19.015 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. 0.00 min
Lab File: VN061438.D
Acq: 18 May 2020 16:40

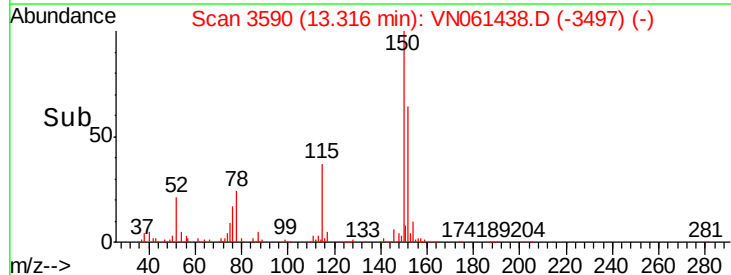
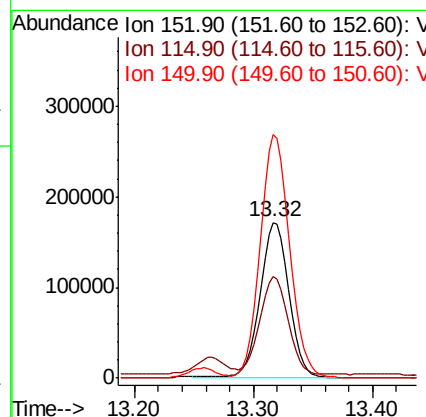
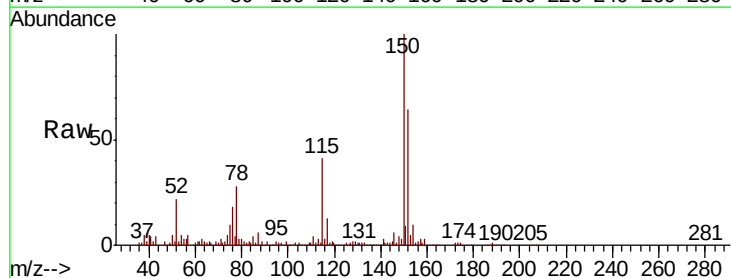
Instrument :
MSVOA_N
ClientSampled :

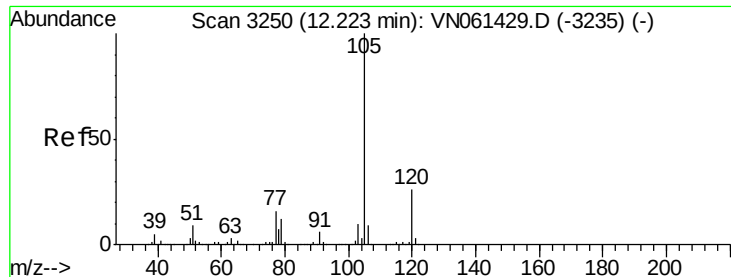
Tot Ion:173 Resp: 58993
Ion Ratio Lower Upper
173 100
175 48.6 23.9 71.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3590
Delta R.T. 0.00 min
Lab File: VN061438.D
Acq: 18 May 2020 16:40

Tgt Ion:152 Resp: 286298
Ion Ratio Lower Upper
152 100
115 62.0 30.9 92.5
150 160.1 0.0 349.2





#73

Isopropylbenzene

Concen: 18.216 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN061438.D

Acq: 18 May 2020 16:40

Instrument :

MSVOA_N

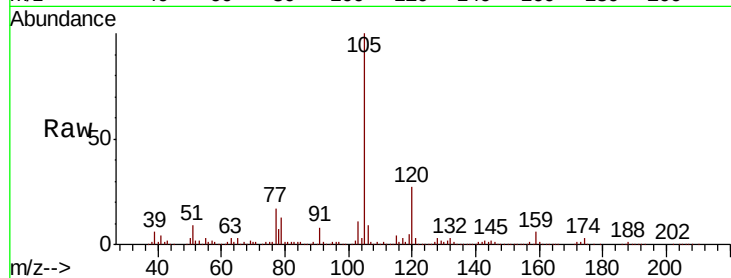
ClientSampled :

Tot Ion:105 Resp: 418666

Ion Ratio Lower Upper

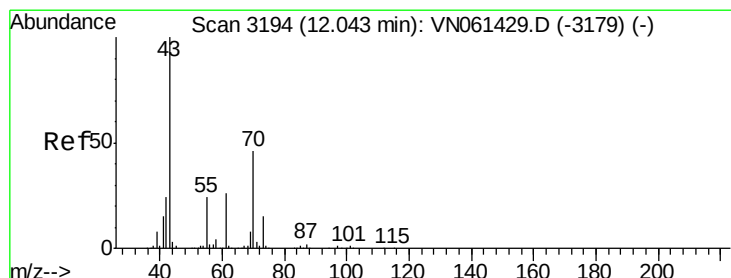
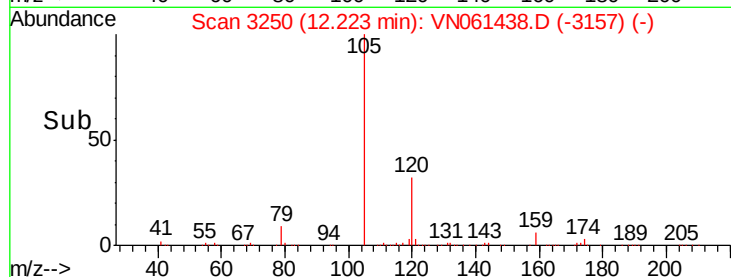
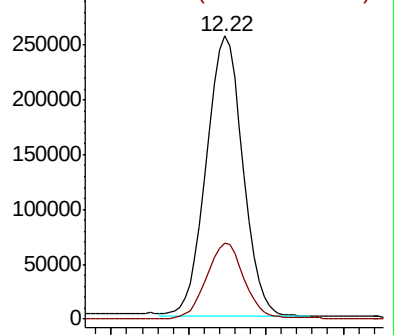
105 100

120 27.3 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 25.688 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. 0.00 min

Lab File: VN061438.D

Acq: 18 May 2020 16:40

Tgt Ion: 43 Resp: 216113

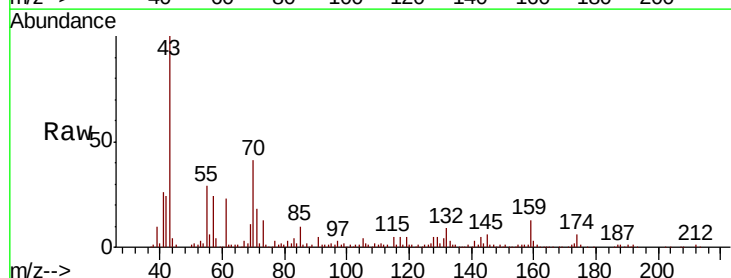
Ion Ratio Lower Upper

43 100

70 36.9 37.0 55.4#

55 23.9 19.5 29.3

61 17.9 20.8 31.2#

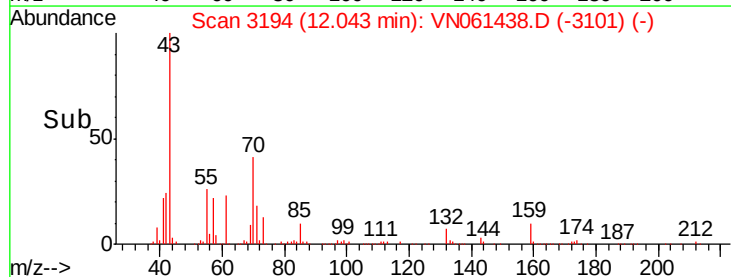
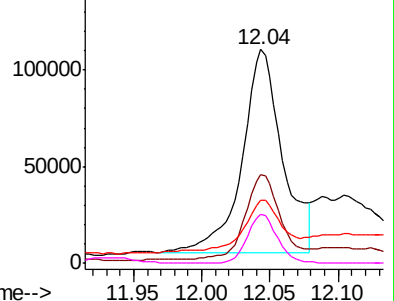


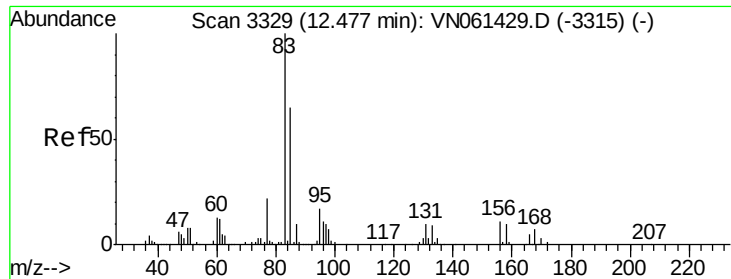
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.593 ug/l

RT: 12.48 min Scan# 3330

Delta R.T. 0.00 min

Lab File: VN061438.D

Acq: 18 May 2020 16:40

Instrument :

MSVOA_N

ClientSampled :

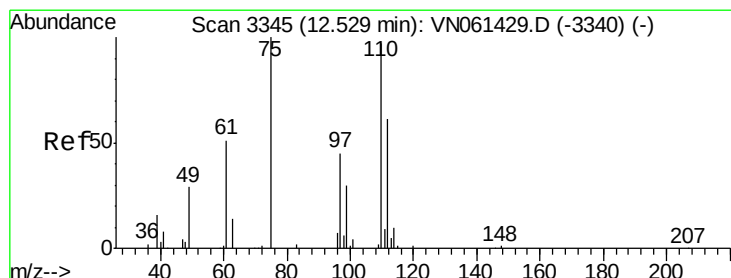
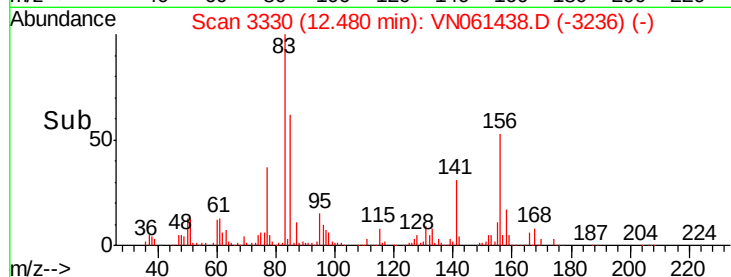
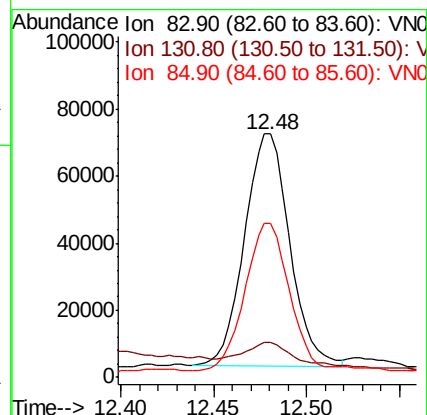
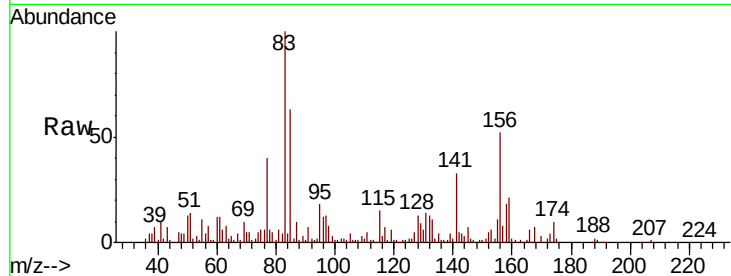
Tot Ion: 83 Resp: 117572

Ion Ratio Lower Upper

83 100

131 15.2 4.8 14.4#

85 61.9 32.1 96.5



#76

1,2,3-Trichloropropane

Concen: 24.309 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN061438.D

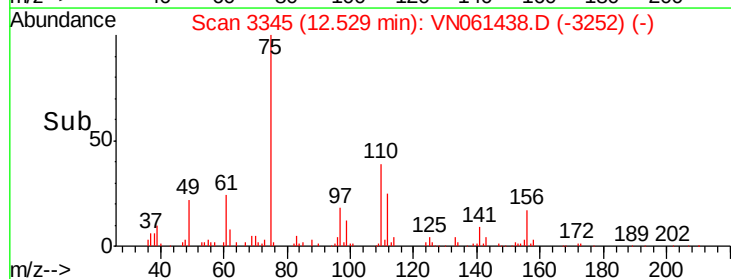
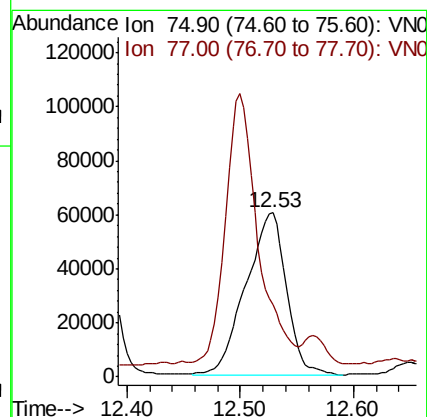
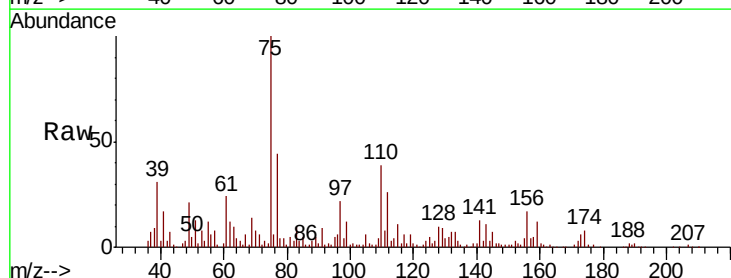
Acq: 18 May 2020 16:40

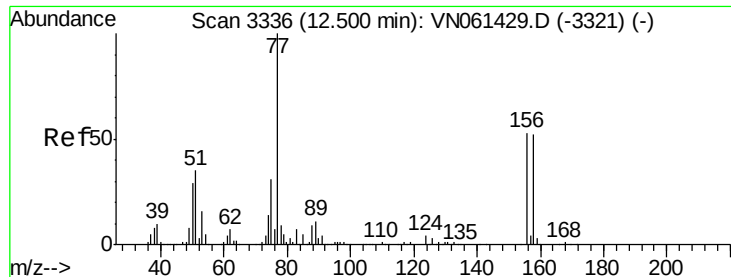
Tgt Ion: 75 Resp: 149335

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 56.155 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN061438.D

Acq: 18 May 2020 16:40

Instrument :

MSVOA_N

ClientSampleId :

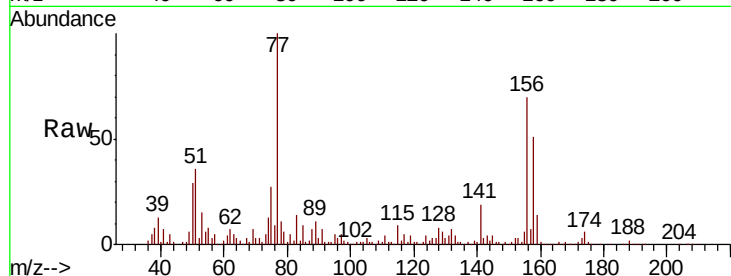
Tot Ion:156 Resp: 280104

Ion Ratio Lower Upper

156 100

77 70.9 112.3 336.9#

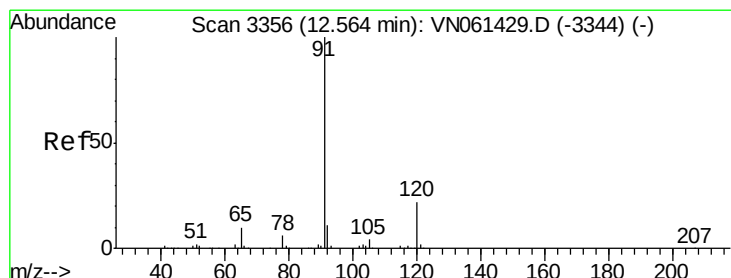
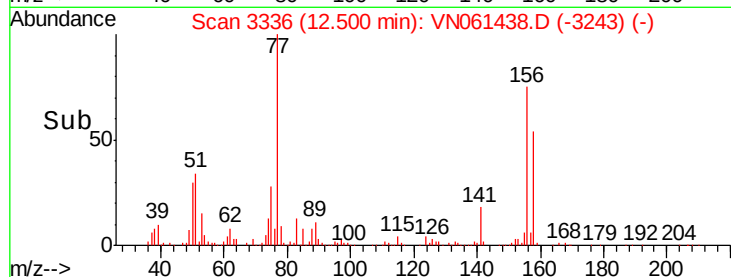
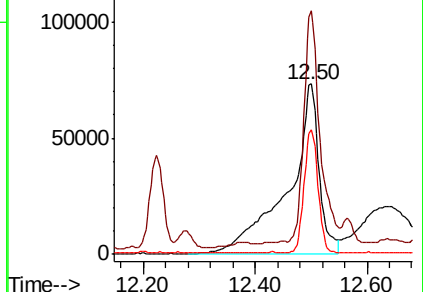
158 32.8 47.9 143.6#



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 18.222 ug/l

RT: 12.56 min Scan# 3356

Delta R.T. 0.00 min

Lab File: VN061438.D

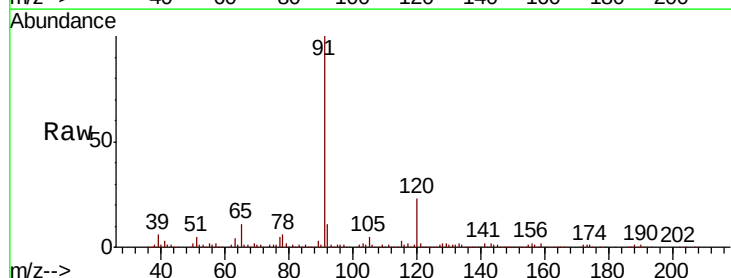
Acq: 18 May 2020 16:40

Tgt Ion: 91 Resp: 477205

Ion Ratio Lower Upper

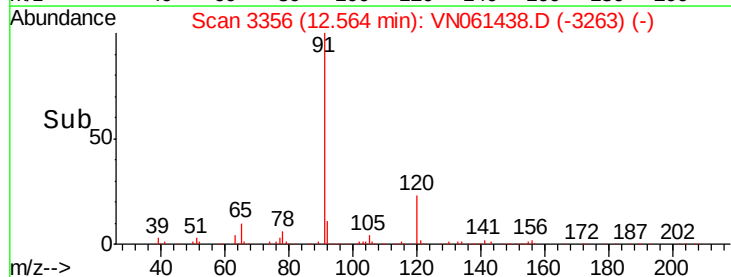
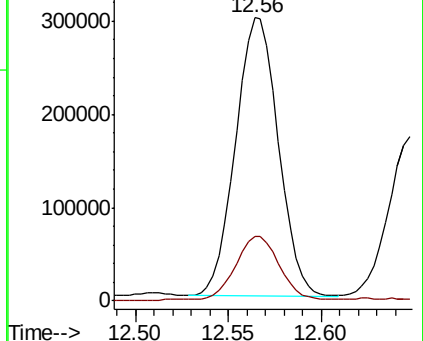
91 100

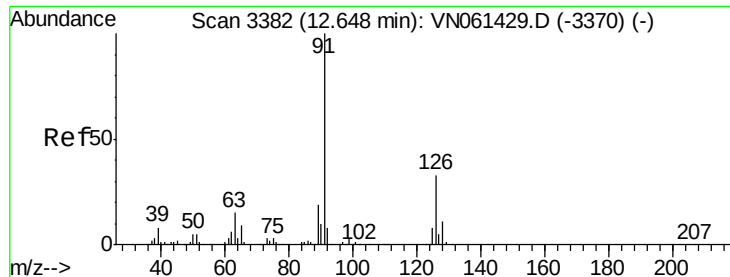
120 23.1 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

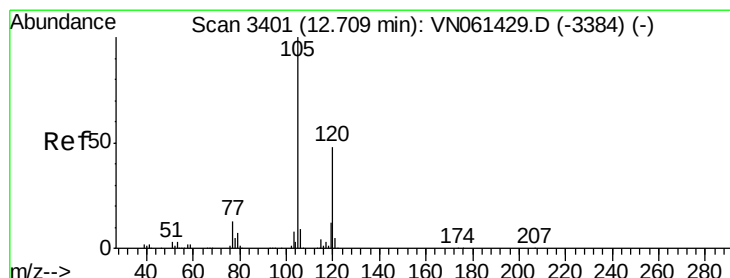
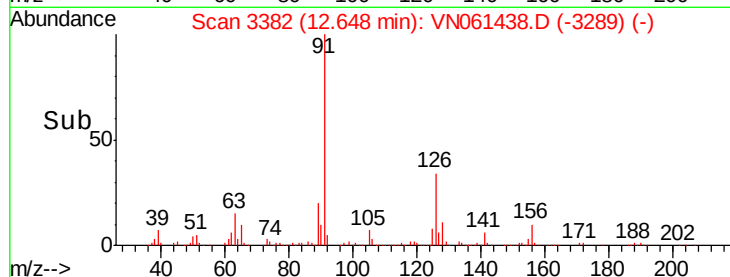
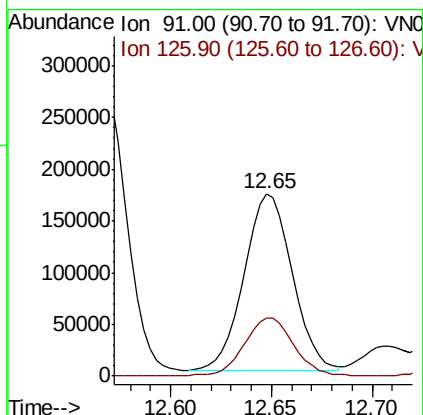
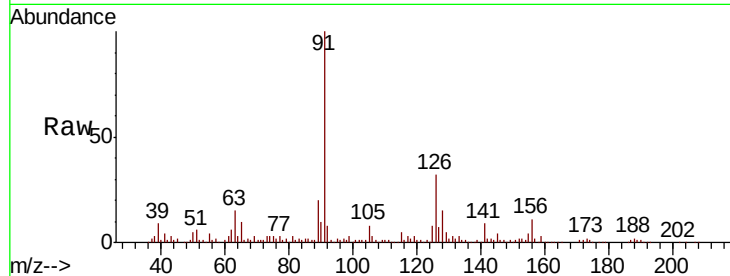




#79
 2-Chlorotoluene
 Concen: 18.573 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. 0.00 min
 Lab File: VN061438.D
 Acq: 18 May 2020 16:40

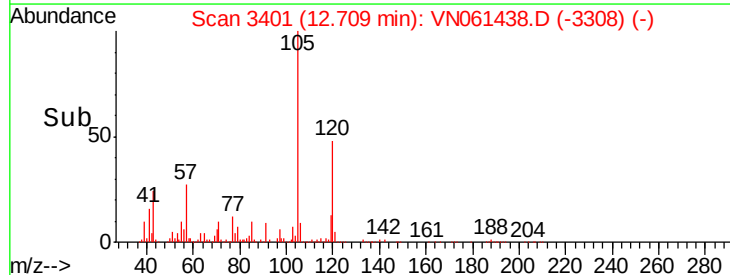
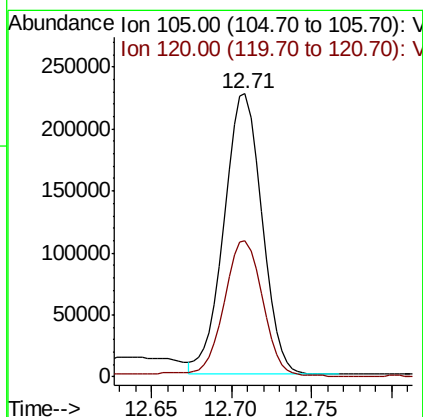
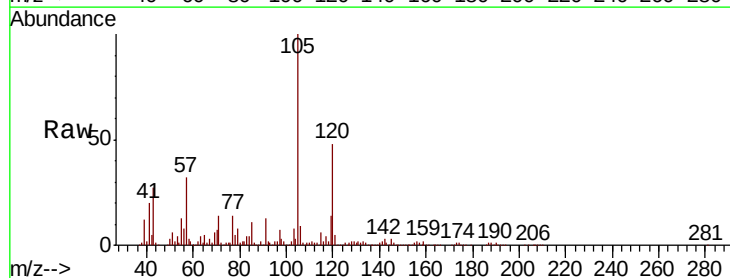
Instrument :
 MSVOA_N
 ClientSampled :

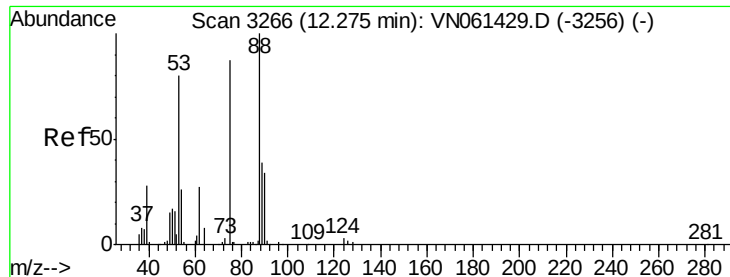
Tot Ion: 91 Resp: 287495
 Ion Ratio Lower Upper
 91 100
 126 32.3 16.3 48.9



#80
 1,3,5-Trimethylbenzene
 Concen: 19.411 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. 0.00 min
 Lab File: VN061438.D
 Acq: 18 May 2020 16:40

Tgt Ion: 105 Resp: 365296
 Ion Ratio Lower Upper
 105 100
 120 49.9 24.1 72.4





#81

trans-1,4-Dichloro-2-butene

Concen: 16.717 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN061438.D

Acq: 18 May 2020 16:40

Instrument :

MSVOA_N

ClientSampleId :

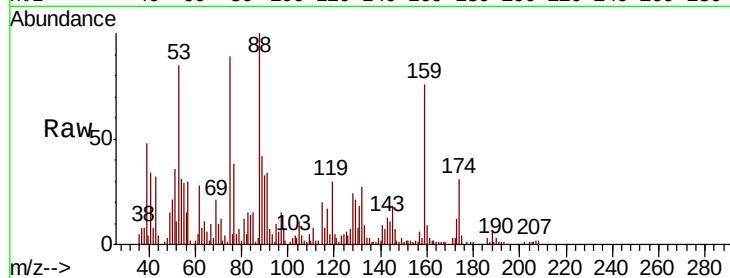
Tot Ion: 75 Resp: 38714

Ion Ratio Lower Upper

75 100

53 94.4 75.2 112.8

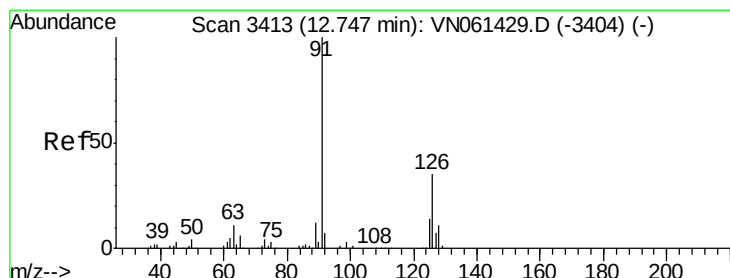
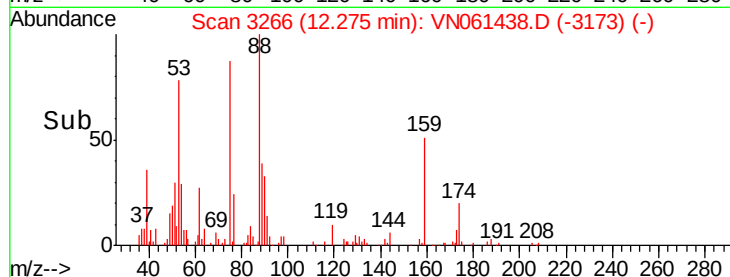
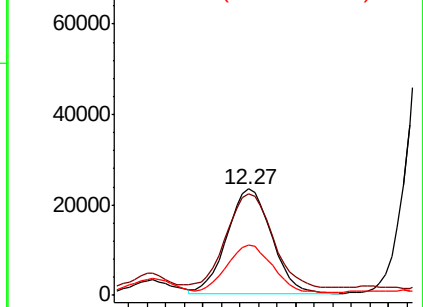
89 45.4 38.2 57.4



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 17.887 ug/l

RT: 12.75 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN061438.D

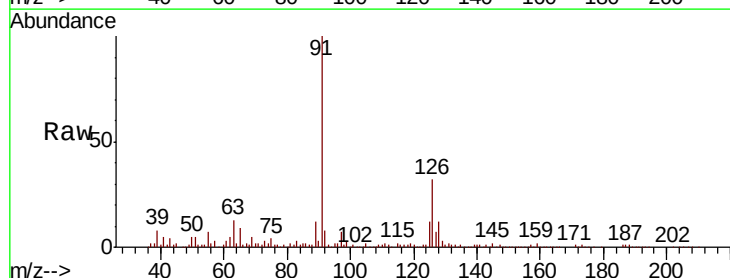
Acq: 18 May 2020 16:40

Tgt Ion: 91 Resp: 286691

Ion Ratio Lower Upper

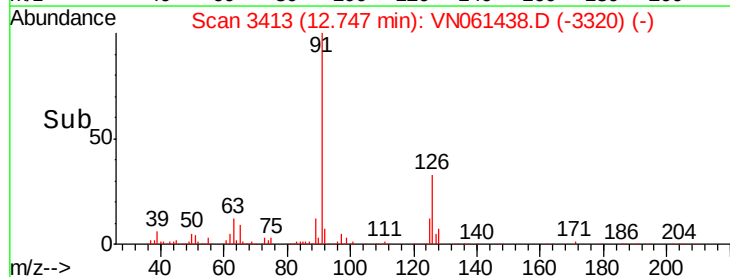
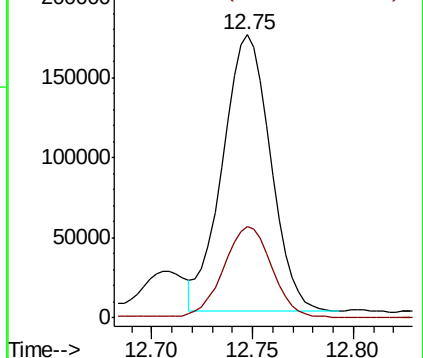
91 100

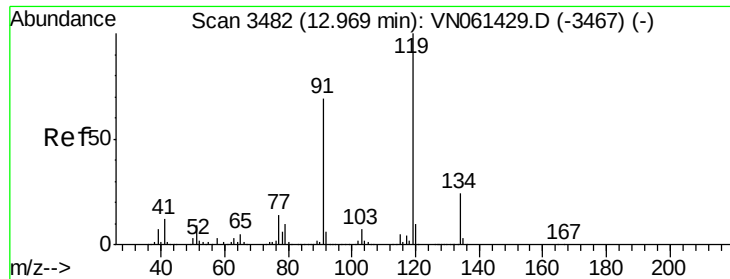
126 32.7 16.1 48.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

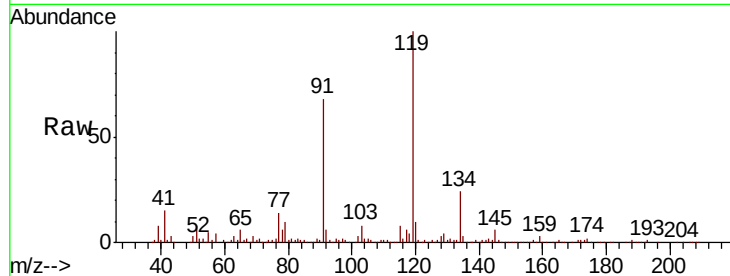




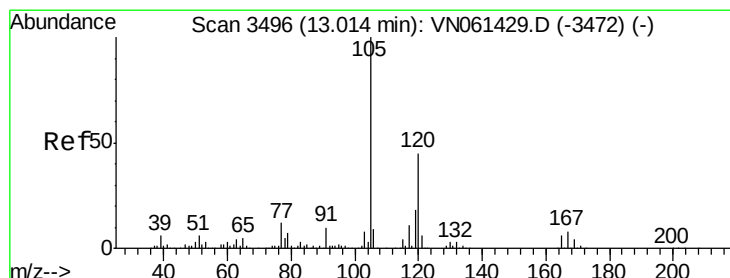
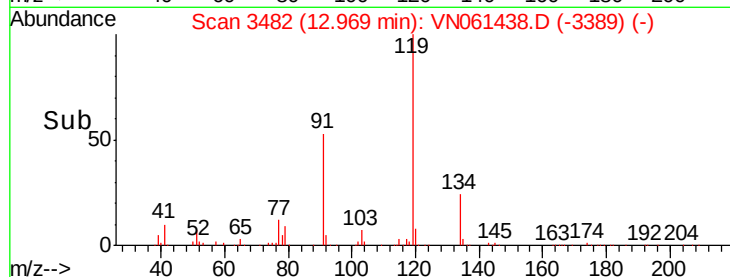
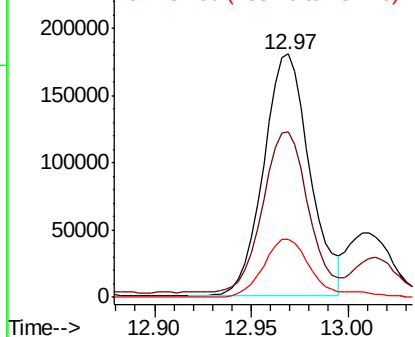
#83
tert-Butylbenzene
Concen: 18.550 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. 0.00 min
Lab File: VN061438.D
Acq: 18 May 2020 16:40

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:119 Resp: 299020
Ion Ratio Lower Upper
119 100
91 65.4 33.7 101.0
134 25.2 12.8 38.3

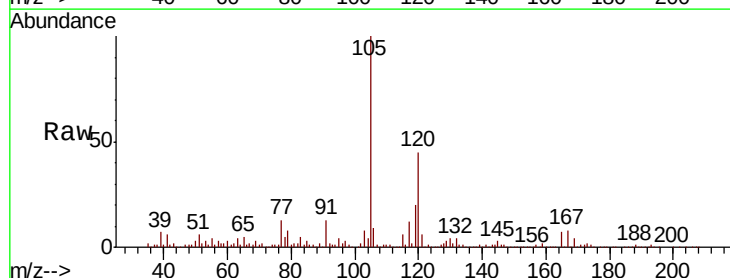


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

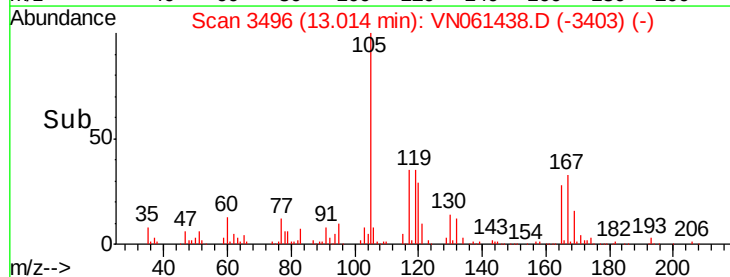
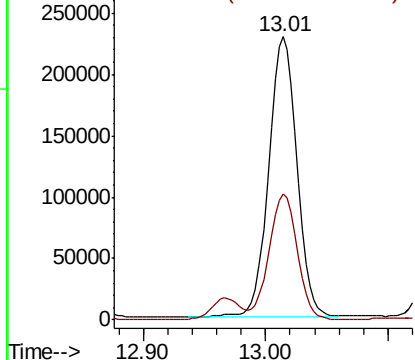


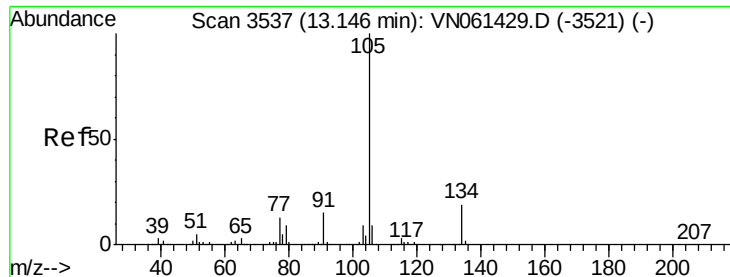
#84
1,2,4-Trimethylbenzene
Concen: 19.662 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. 0.00 min
Lab File: VN061438.D
Acq: 18 May 2020 16:40

Tgt Ion:105 Resp: 370304
Ion Ratio Lower Upper
105 100
120 44.6 22.4 67.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 18.002 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. 0.00 min

Lab File: VN061438.D

Acq: 18 May 2020 16:40

Instrument :

MSVOA_N

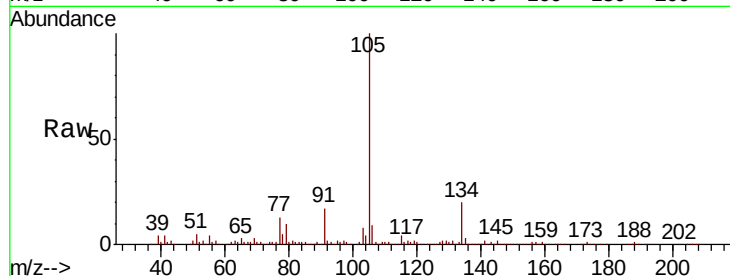
ClientSampled :

Tot Ion:105 Resp: 392399

Ion Ratio Lower Upper

105 100

134 19.5 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

250000

200000

150000

100000

50000

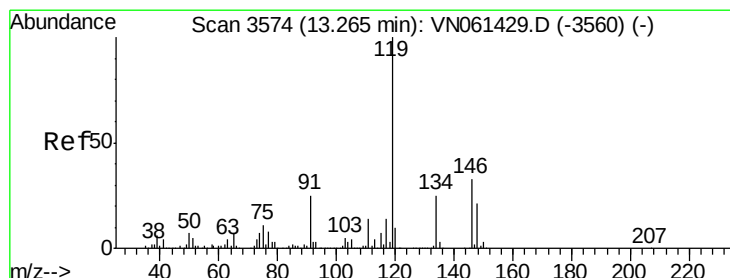
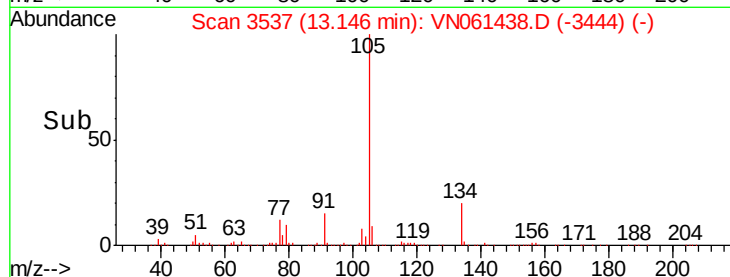
0

13.10

13.15

13.20

Time-->



#86

p-Isopropyltoluene

Concen: 18.925 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN061438.D

Acq: 18 May 2020 16:40

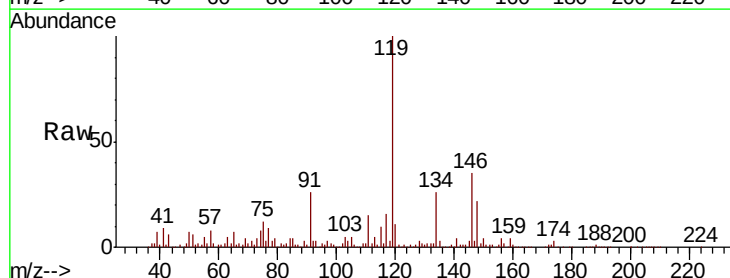
Tgt Ion:119 Resp: 366315

Ion Ratio Lower Upper

119 100

134 25.5 12.7 38.1

91 24.7 12.6 37.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

300000

250000

200000

150000

100000

50000

0

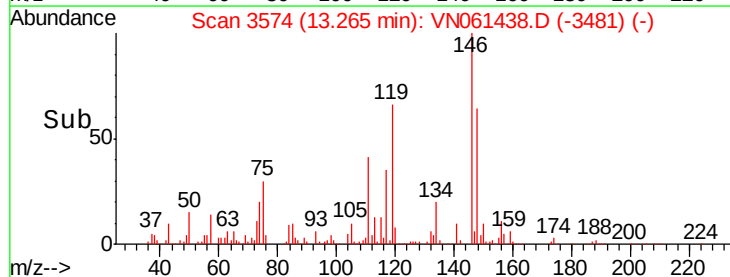
13.20

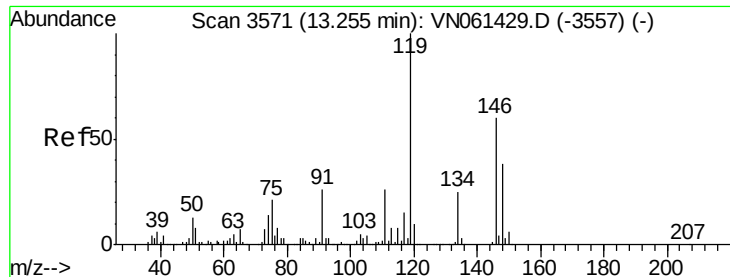
13.25

13.30

13.35

Time-->

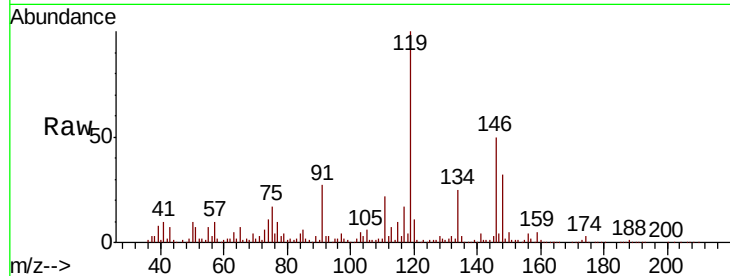




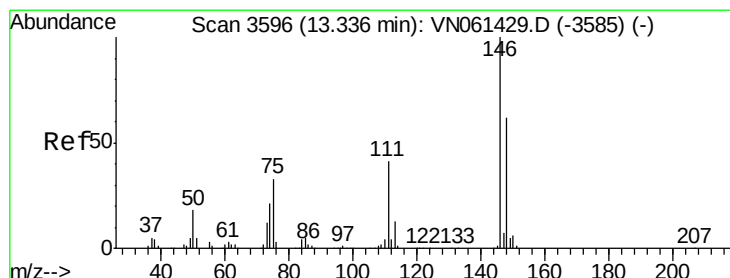
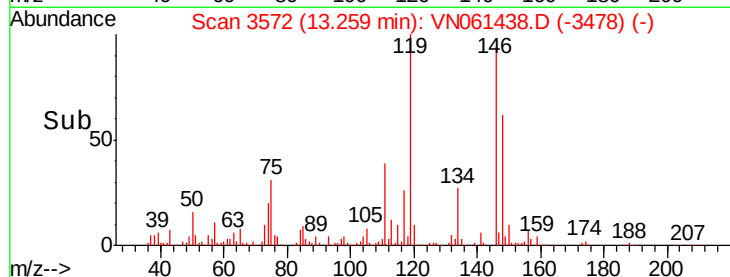
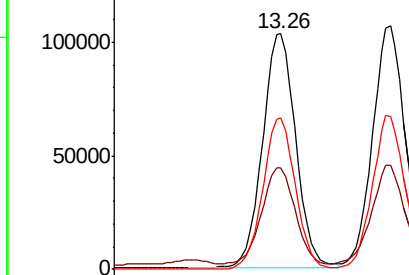
#87
 1,3-Dichlorobenzene
 Concen: 18.987 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN061438.D
 Acq: 18 May 2020 16:40

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:146 Resp: 173328
 Ion Ratio Lower Upper
 146 100
 111 41.6 21.5 64.5
 148 63.1 31.8 95.3

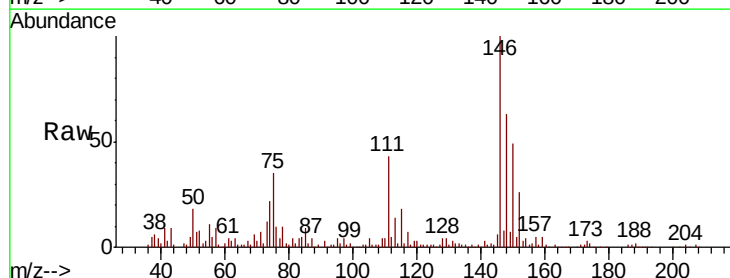


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

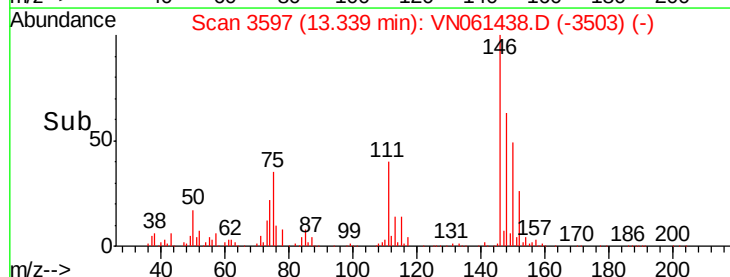
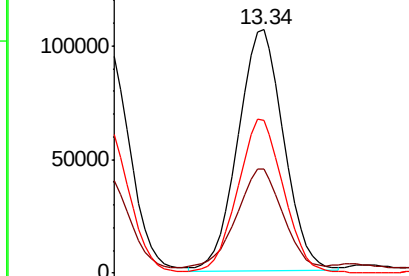


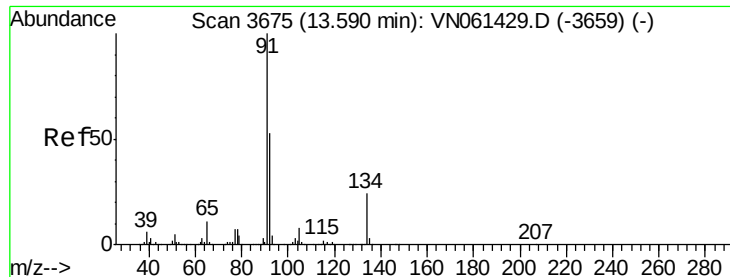
#88
 1,4-Dichlorobenzene
 Concen: 19.138 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN061438.D
 Acq: 18 May 2020 16:40

Tgt Ion:146 Resp: 174965
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.8 62.5
 148 63.6 31.6 94.8



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





#89

n-Butylbenzene

Concen: 18.501 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. 0.00 min

Lab File: VN061438.D

Acq: 18 May 2020 16:40

Instrument :

MSVOA_N

ClientSampled :

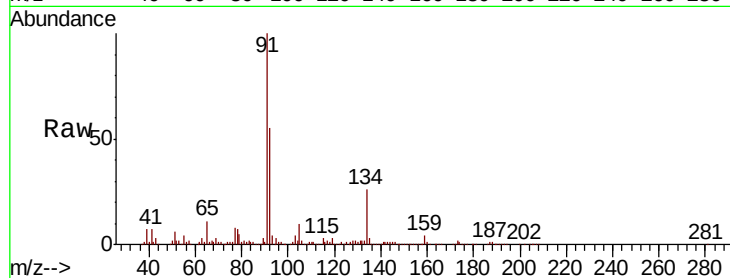
Tot Ion: 91 Resp: 325338

Ion Ratio Lower Upper

91 100

92 53.4 26.8 80.3

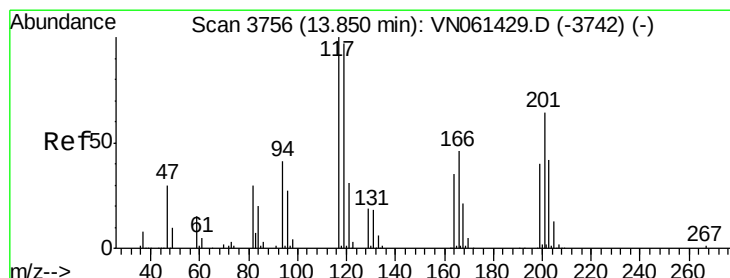
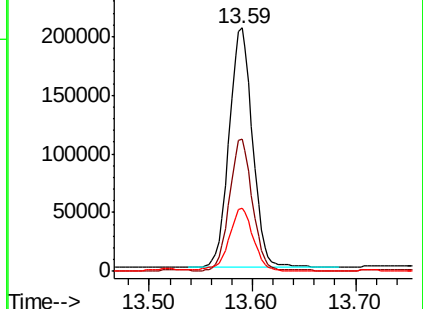
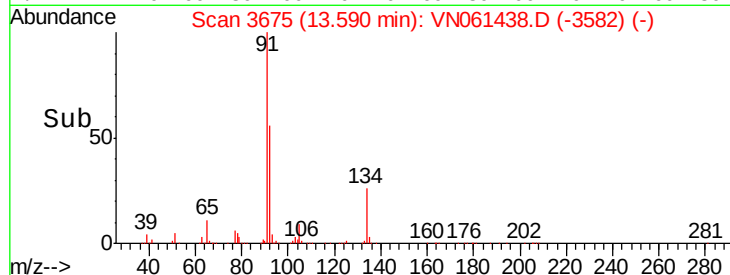
134 26.3 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VN061429.D (-3659) (-)

Ion 92.00 (91.70 to 92.70): VN061429.D (-3659) (-)

Ion 134.00 (133.70 to 134.70): VN061429.D (-3659) (-)



#90

Hexachloroethane

Concen: 18.613 ug/l

RT: 13.85 min Scan# 3755

Delta R.T. -0.00 min

Lab File: VN061438.D

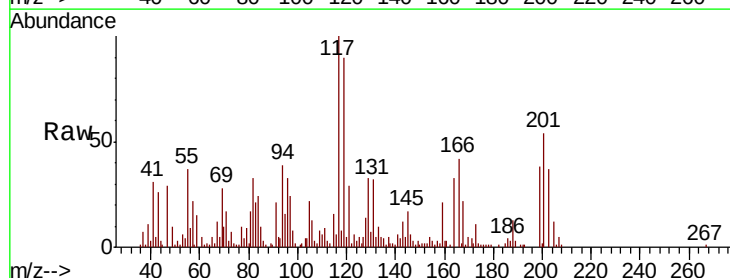
Acq: 18 May 2020 16:40

Tgt Ion: 117 Resp: 48825

Ion Ratio Lower Upper

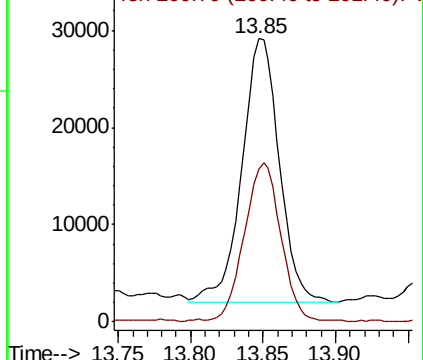
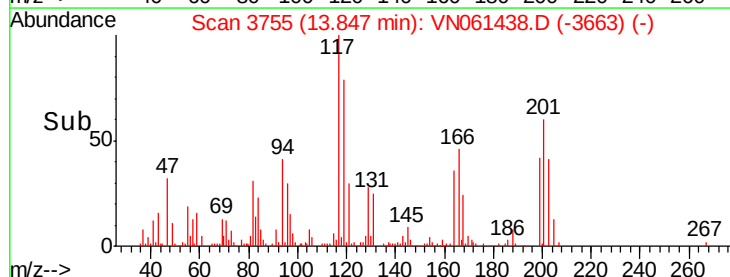
117 100

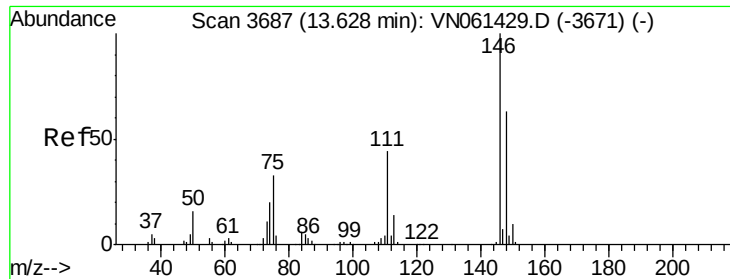
201 59.5 32.9 98.7



Abundance Ion 116.80 (116.50 to 117.50): VN061429.D (-3742) (-)

Ion 200.70 (200.40 to 201.40): VN061429.D (-3742) (-)

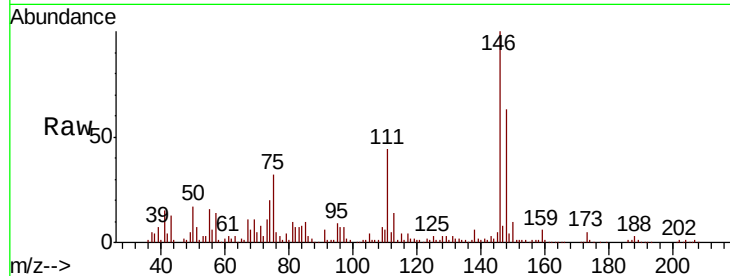




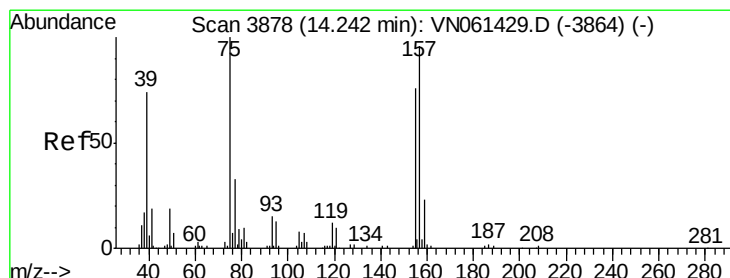
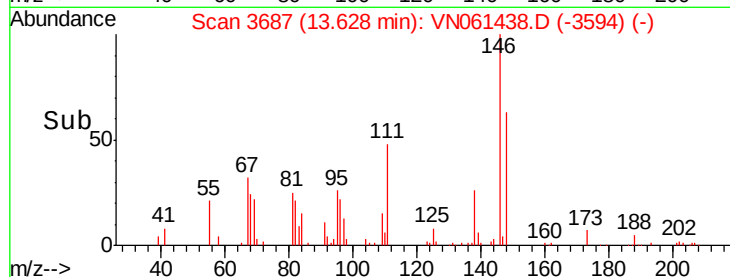
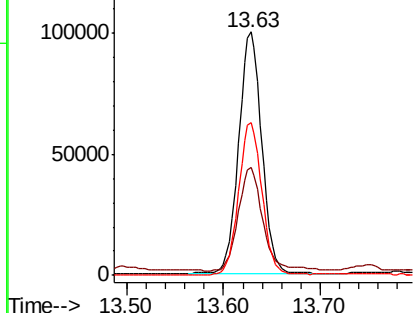
#91
 1,2-Dichlorobenzene
 Concen: 18.952 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN061438.D
 Acq: 18 May 2020 16:40

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.2	21.9	65.7
148	62.7	31.6	94.7

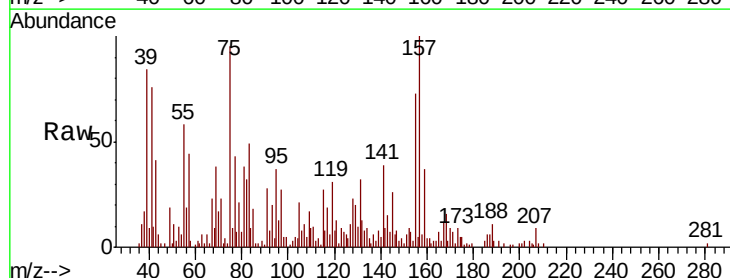


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

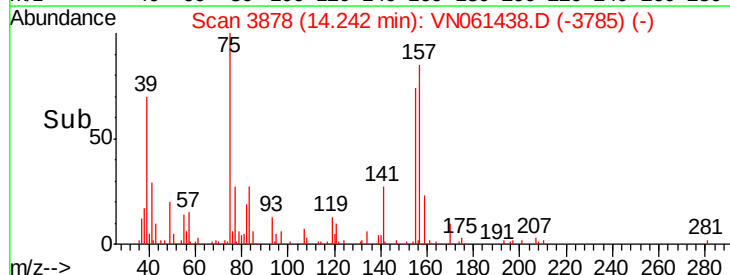
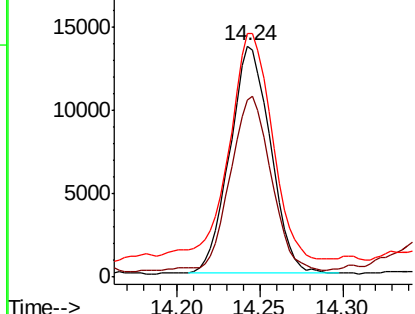


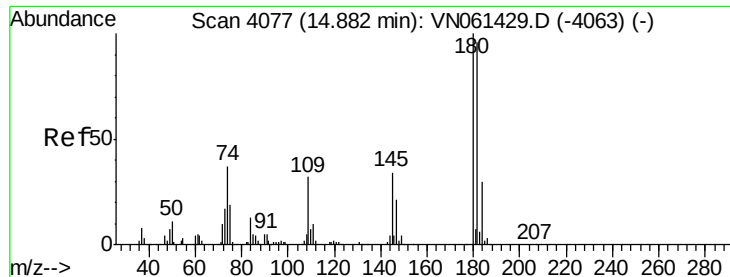
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.246 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. 0.00 min
 Lab File: VN061438.D
 Acq: 18 May 2020 16:40

Tgt Ion	Ratio	Lower	Upper
75	100		
155	75.3	38.9	116.7
157	107.2	48.6	145.8



Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

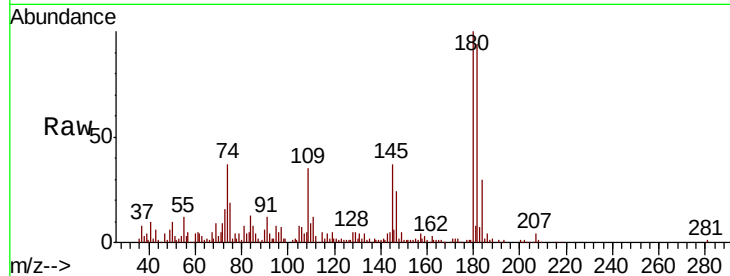




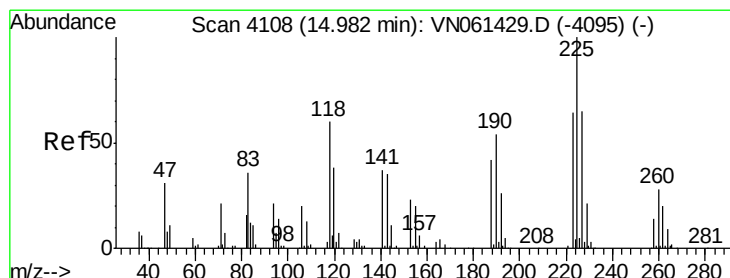
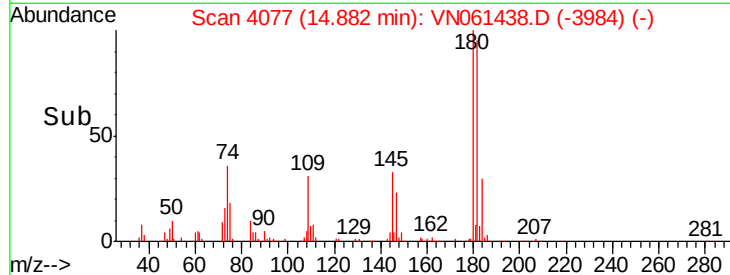
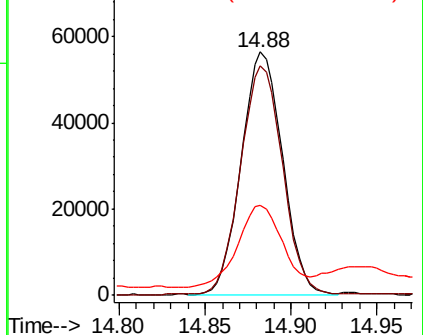
#93
 1,2,4-Trichlorobenzene
 Concen: 19.696 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN061438.D
 Acq: 18 May 2020 16:40

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:180 Resp: 93519
 Ion Ratio Lower Upper
 180 100
 182 95.7 47.0 141.0
 145 36.5 16.7 50.0

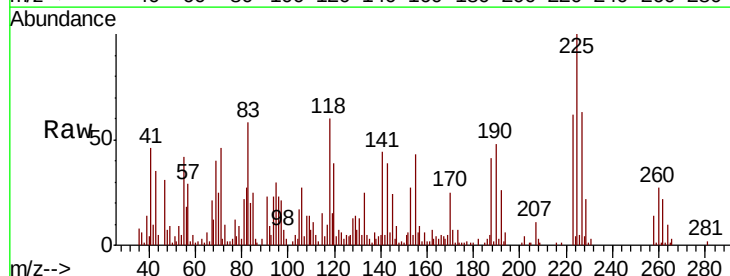


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

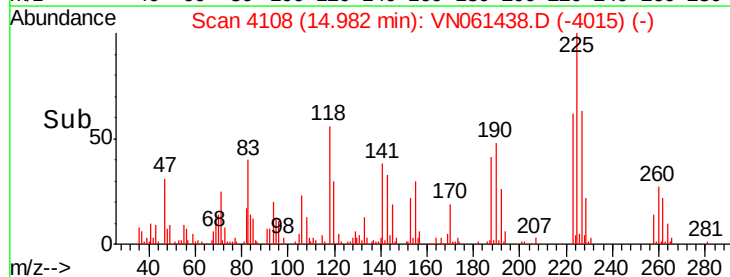
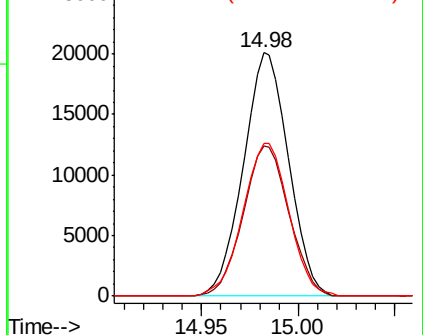


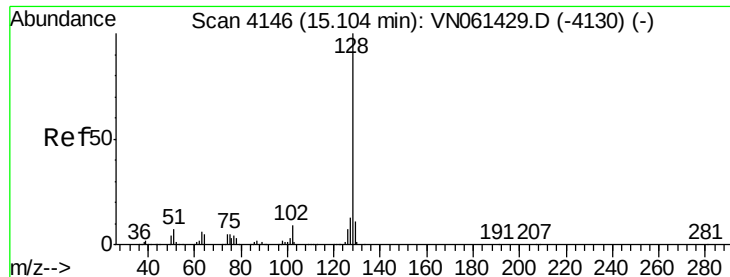
#94
 Hexachlorobutadiene
 Concen: 15.475 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN061438.D
 Acq: 18 May 2020 16:40

Tgt Ion:225 Resp: 32647
 Ion Ratio Lower Upper
 225 100
 223 62.7 31.9 95.7
 227 63.8 31.5 94.5



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: 21.588 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN061438.D

Acq: 18 May 2020 16:40

Instrument :

MSVOA_N

ClientSampled :

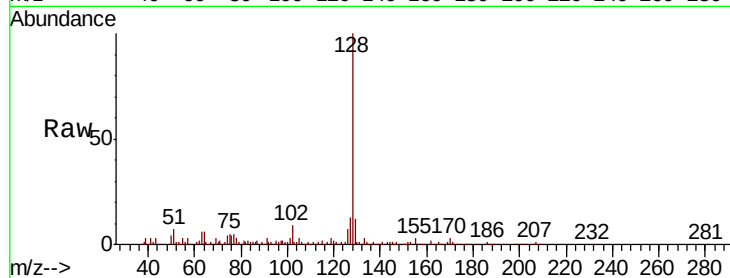
Tot Ion:128 Resp: 325868

Ion Ratio Lower Upper

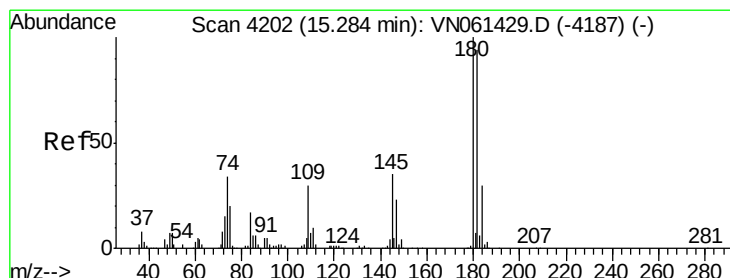
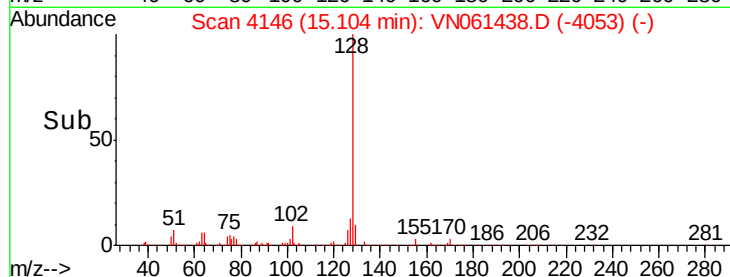
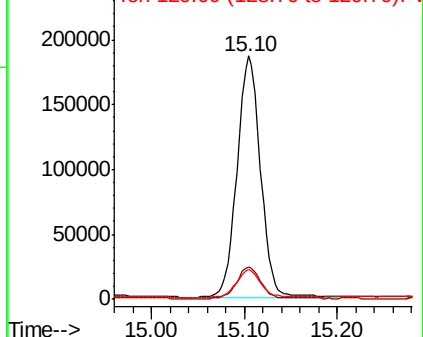
128 100

127 13.5 10.1 15.1

129 12.4 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.762 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. 0.00 min

Lab File: VN061438.D

Acq: 18 May 2020 16:40

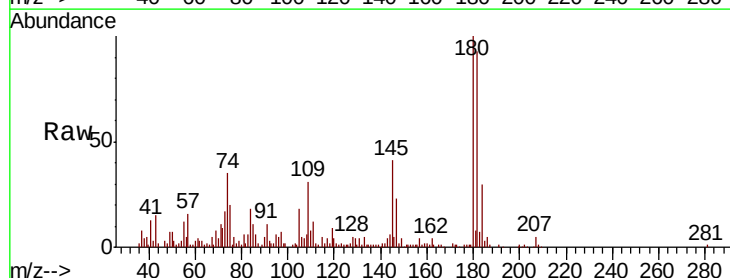
Tgt Ion:180 Resp: 93410

Ion Ratio Lower Upper

180 100

182 92.2 47.8 143.3

145 44.1 17.3 51.9



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

