

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 : 5.00µl/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0518MBSD01

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

33) 1,2-Dichloroethane-d4	7.99	65	246140	46.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.26%	
35) Dibromofluoromethane	7.55	113	175885	53.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.02%	
50) Toluene-d8	10.06	98	750835	48.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.58%	
62) 4-Bromofluorobenzene	12.37	95	282954	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	

Target Compounds

						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

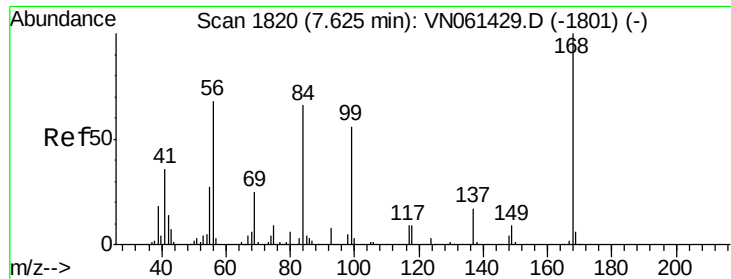
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN051820\
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Quant Title : SW846 8260
QLast Update : Mon May 18 13:09:55 2020
Response via : Initial Calibration

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

ClientSampleId :

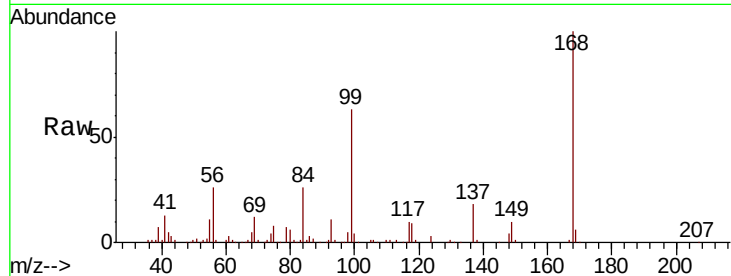
VN0518MBSD01

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): VN0

7.63

150000

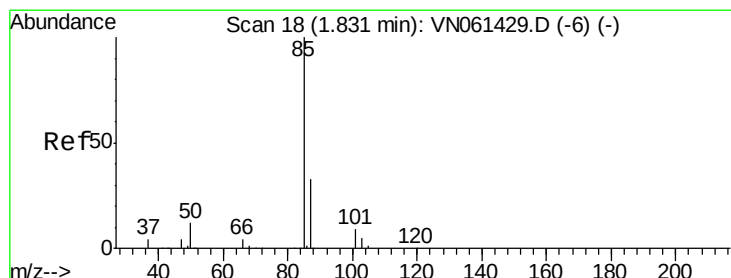
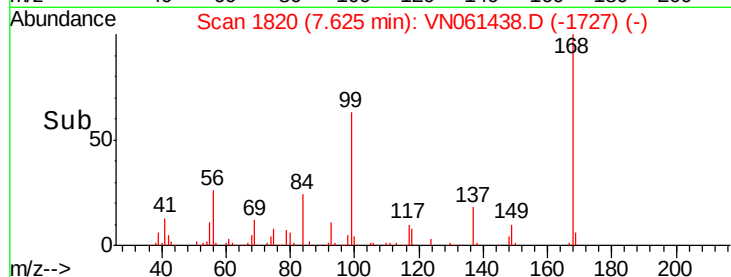
100000

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

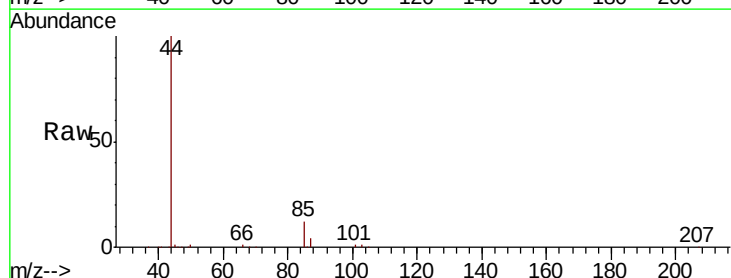
Acq: 18 May 2020 16:40

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): VN0

Ion 86.90 (86.60 to 87.60): VN0

1.83

60000

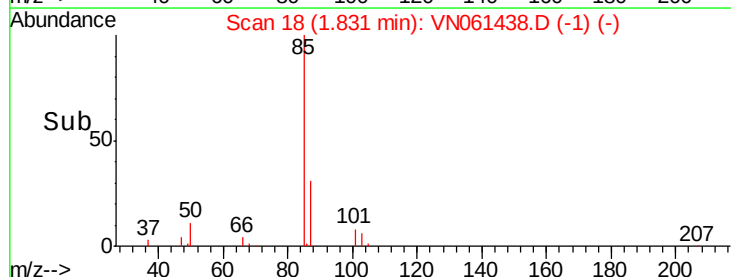
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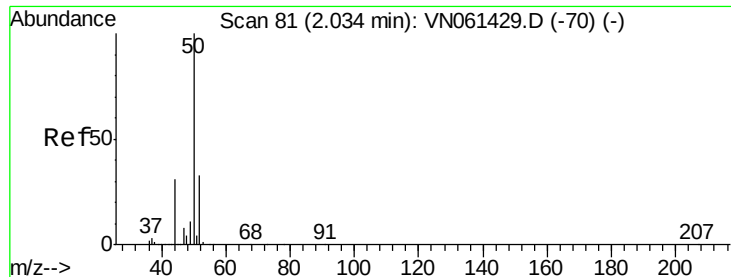
20000

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 :

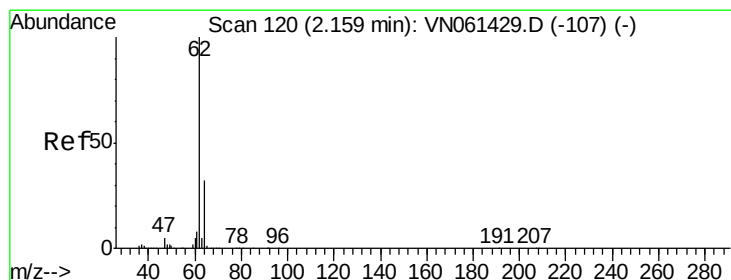
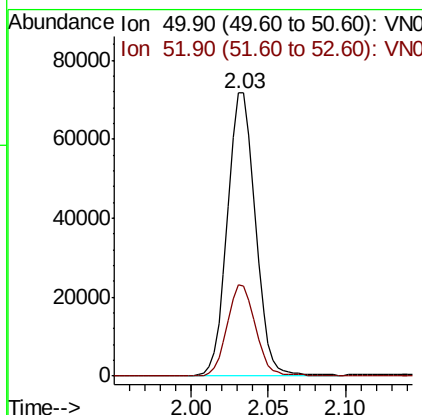
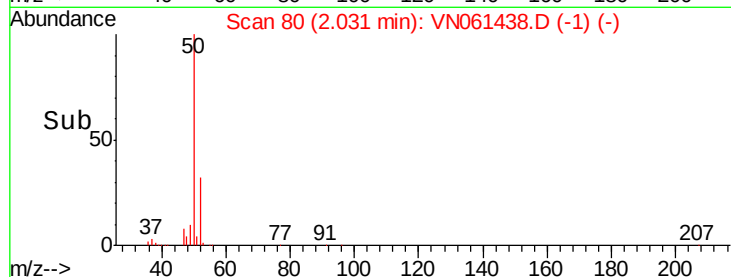
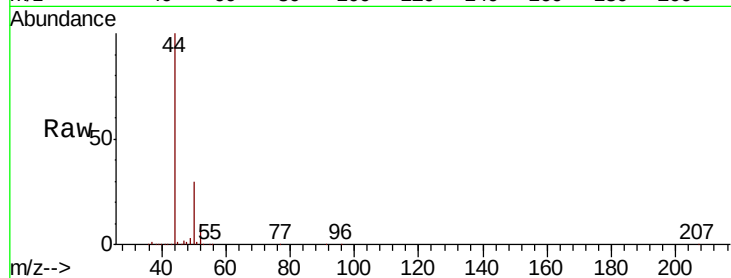
VN0518MBSD01

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

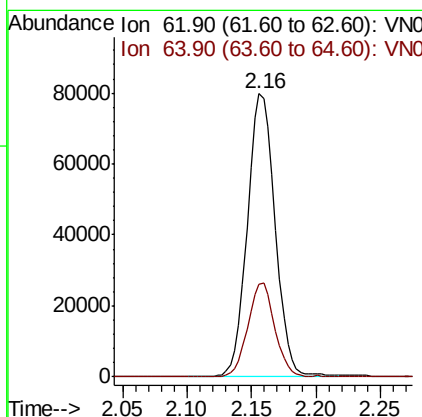
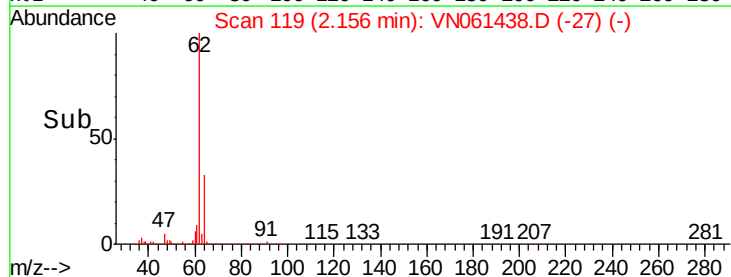
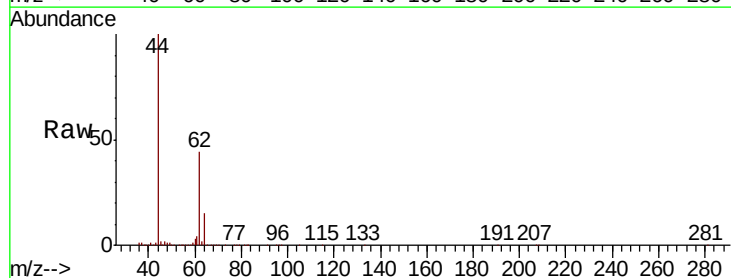
Acq: 18 May 2020 16:40

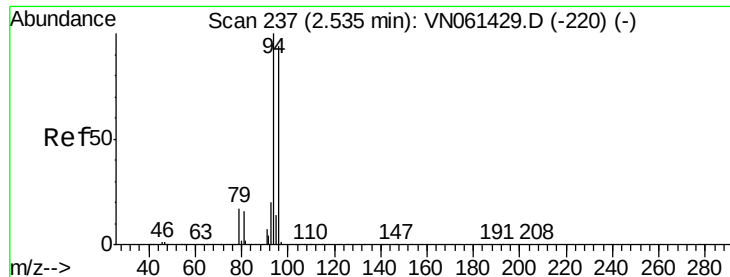
Tgt Ion: 62 Resp: 120343

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 :

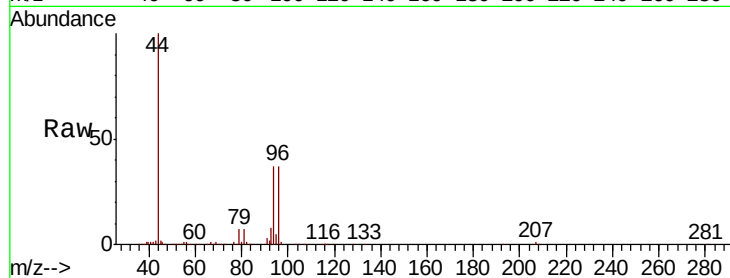
VN0518MBSD01

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

2.54

30000

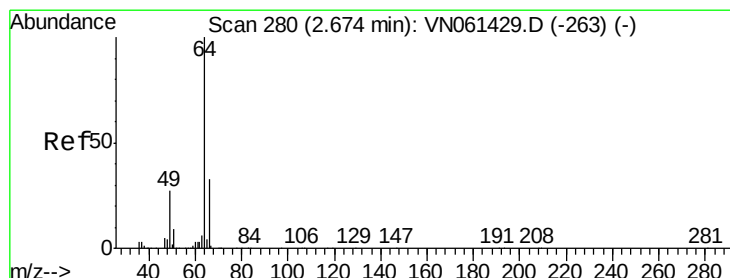
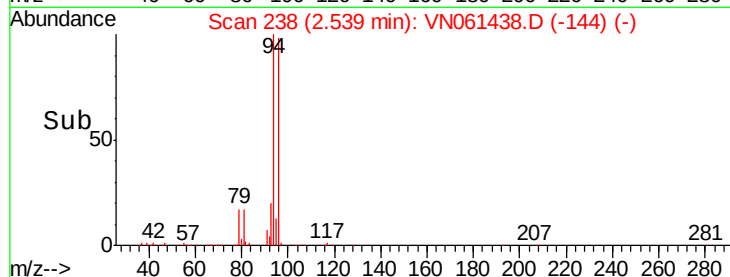
20000

10000

0

Time-->

2.45 2.50 2.55 2.60 2.65



#6

Chloroethane

Concen: 16.527 ug/l

RT: 2.67 min Scan# 280

Delta R.T. 0.00 min

Lab File: VN061438.D

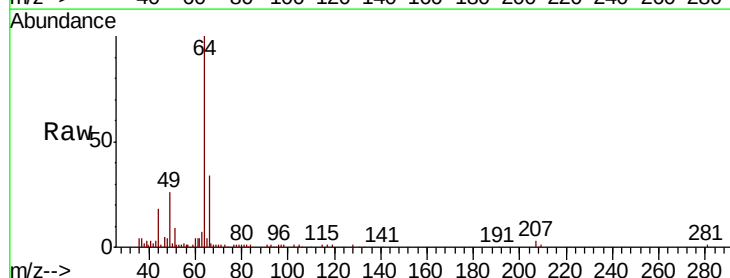
Acq: 18 May 2020 16:40

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

2.67

40000

30000

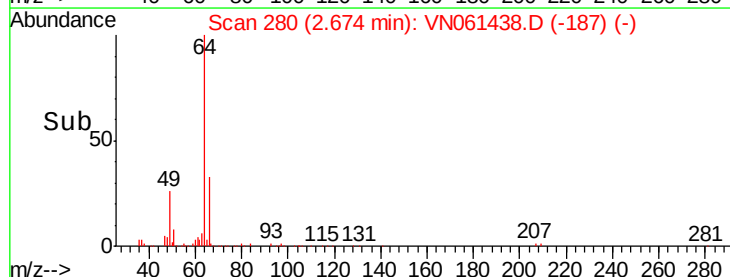
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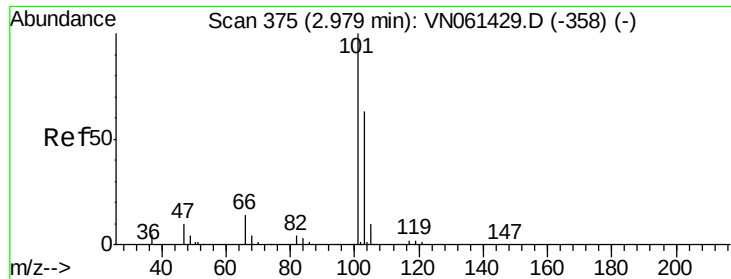
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0

Time-->

2.60 2.70 2.80



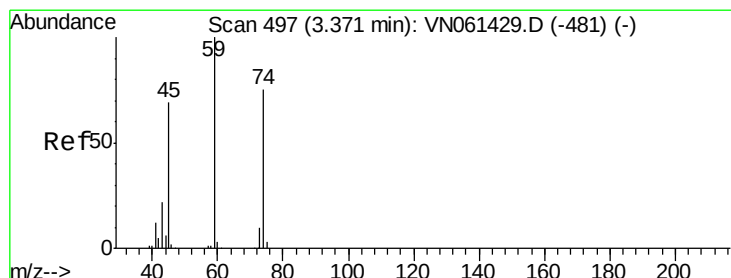
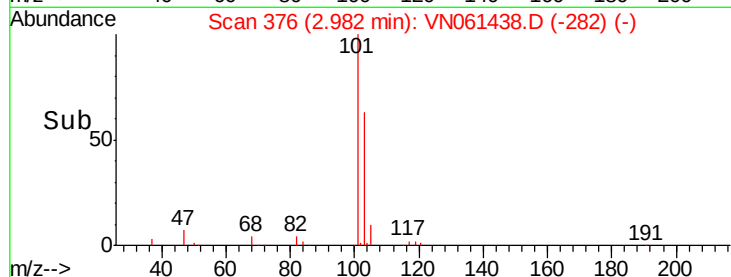
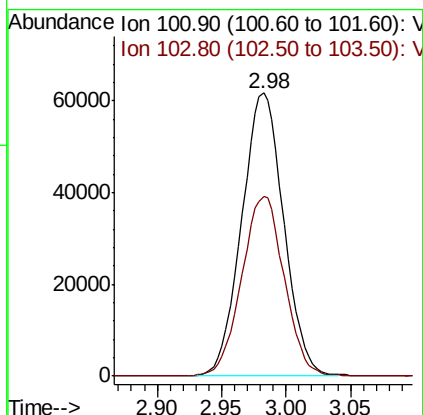
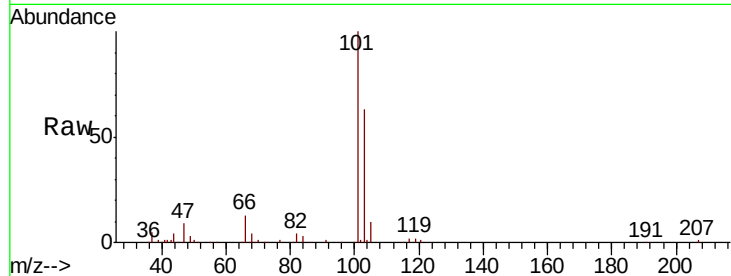


#7

Trichlorofluoromethane
Concen: 16.653 ug/l
RT: 2.98 min Scan# 376
Delta R.T. 0.00 min
Lab File: VN061438.D
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Instrument :
MSVOA_N
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VN0518MBSD01

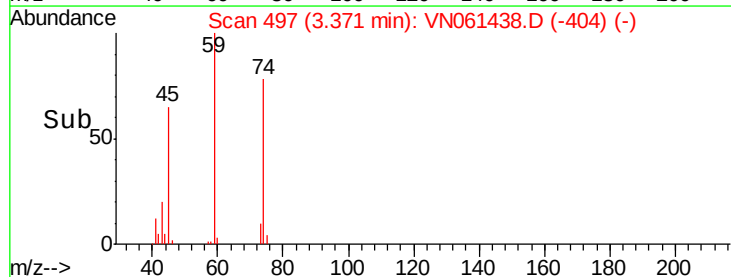
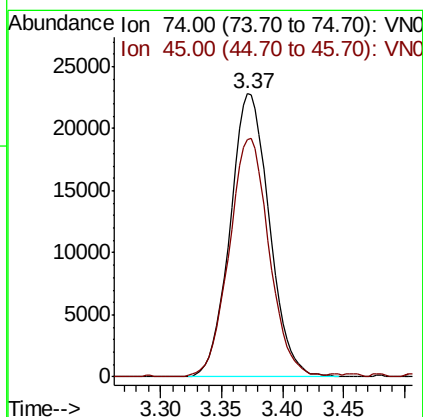
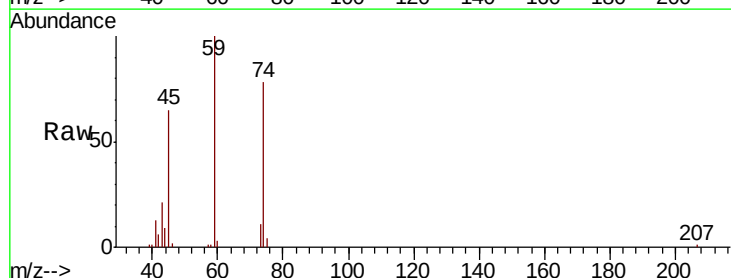
Tot Ion:101 Resp: 140294
Ion Ratio Lower Upper
101 100
103 63.0 50.2 75.4

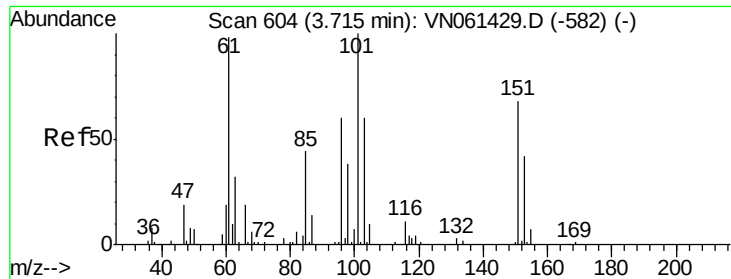


#8

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 :

VN0518MBSD01

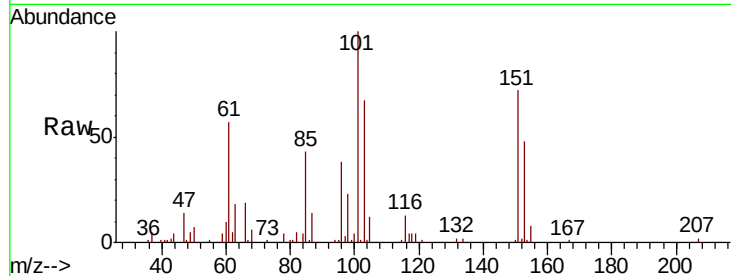
Tot Ion:101 Resp: 75704

Ion Ratio Lower Upper

101 100

85 45.3 36.6 55.0

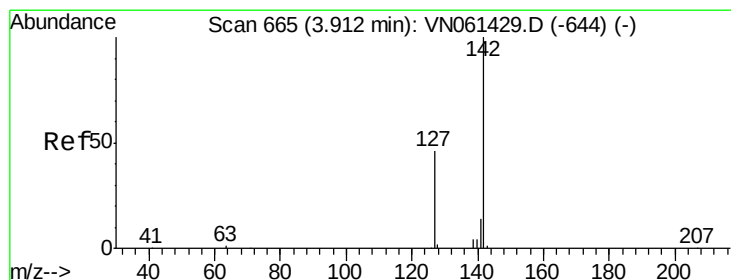
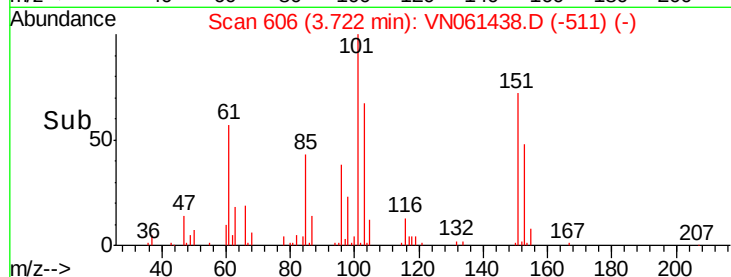
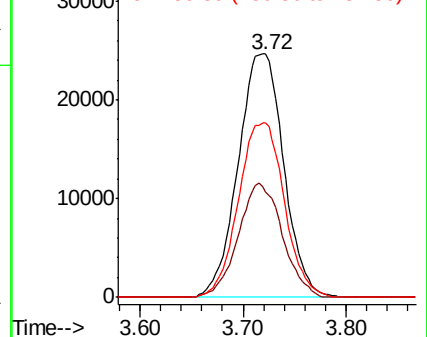
151 72.2 56.3 84.5



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

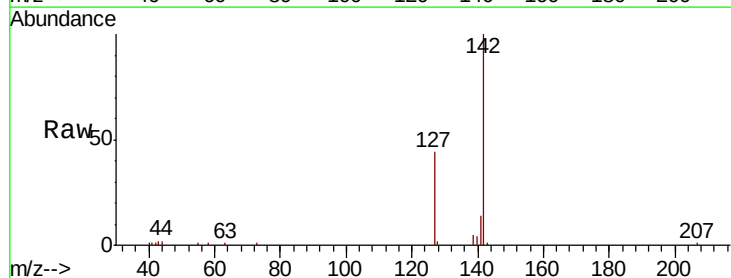
Tgt Ion:142 Resp: 94877

Ion Ratio Lower Upper

142 100

127 45.1 36.7 55.1

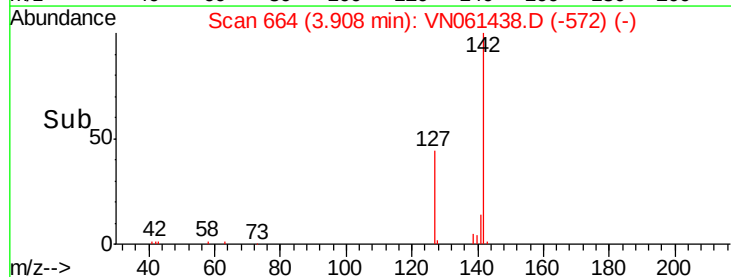
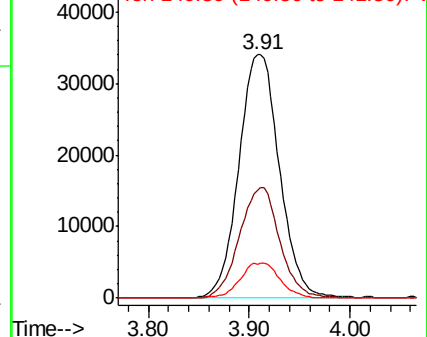
141 14.2 11.5 17.3

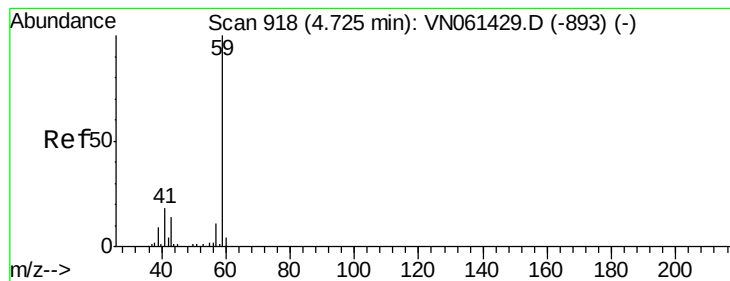


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



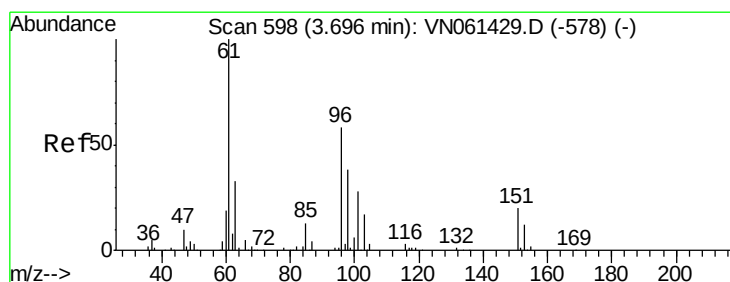
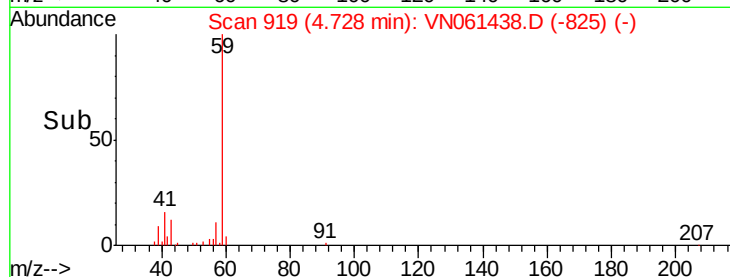
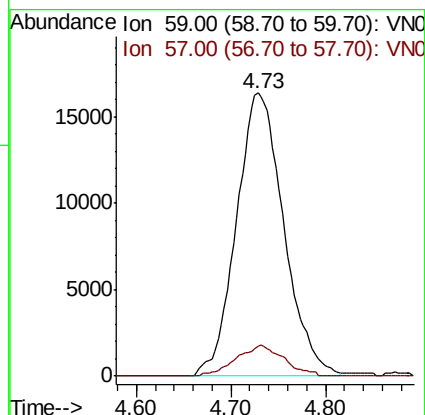
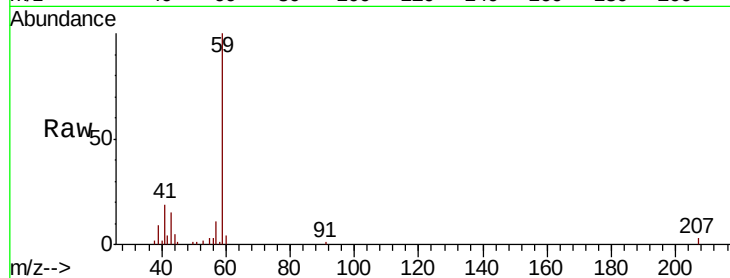


#11

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
 ClientSampled :
 VN0518MBSD01

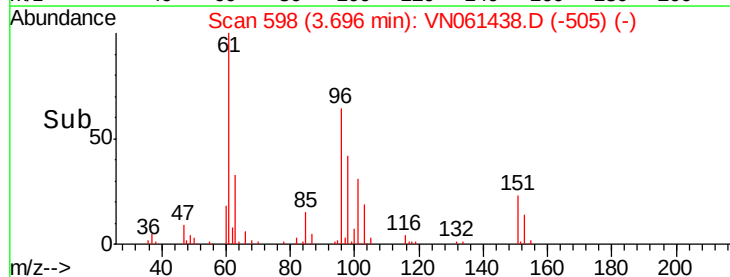
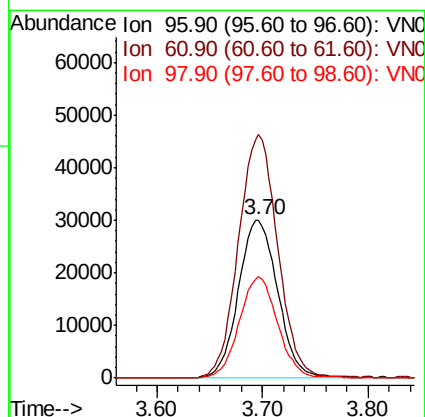
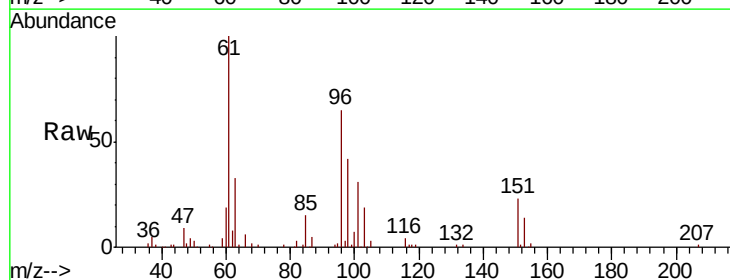
Tot Ion: 59 Resp: 56846
 Ion Ratio Lower Upper
 59 100
 57 11.0 8.2 12.2

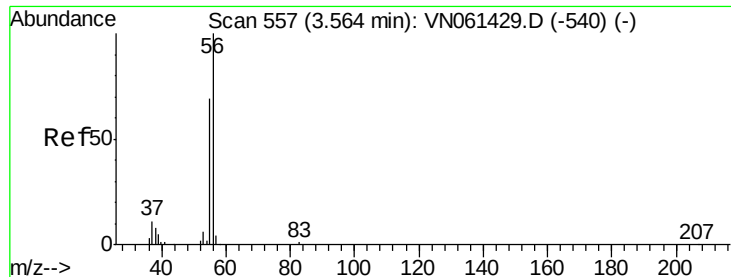


#12

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 :

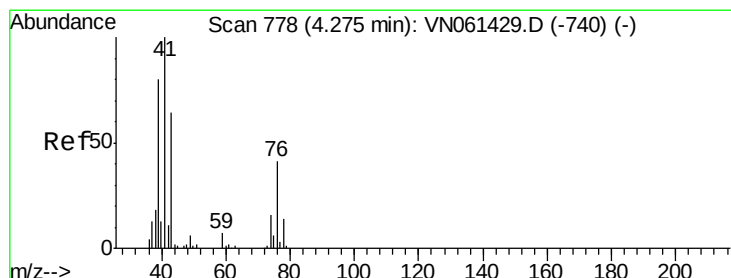
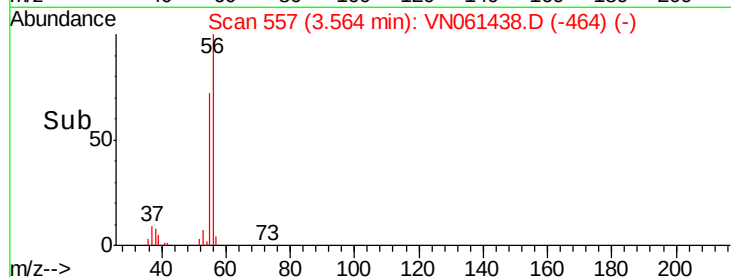
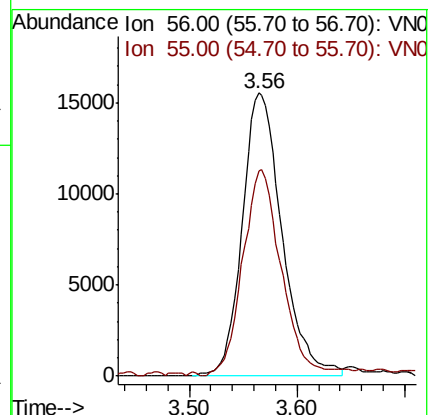
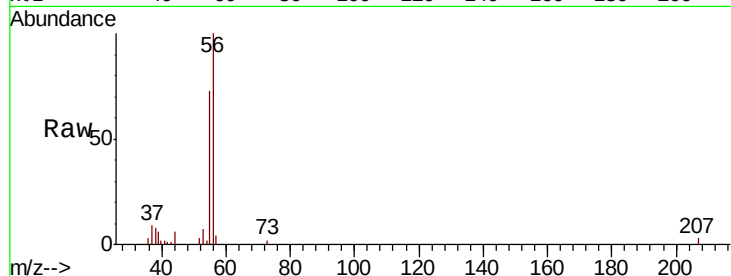
VN0518MBSD01

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

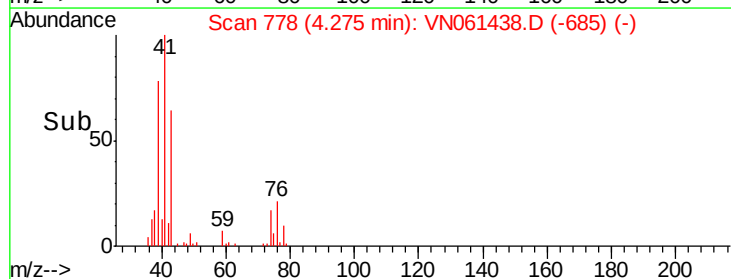
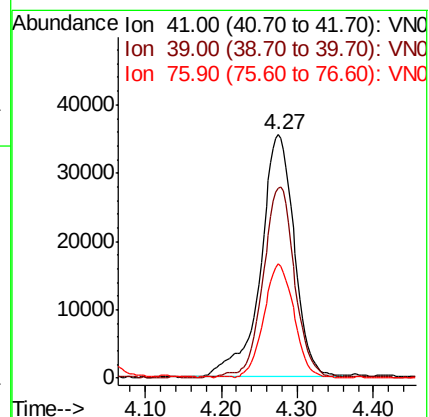
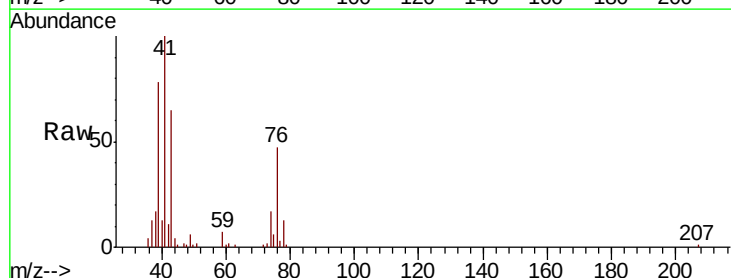
Tgt Ion: 41 Resp: 109095

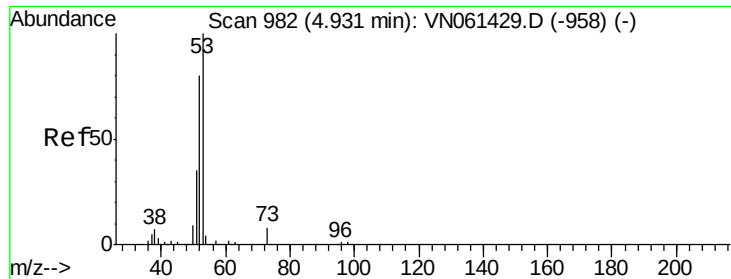
Ion Ratio Lower Upper

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 :

VN0518MBSD01

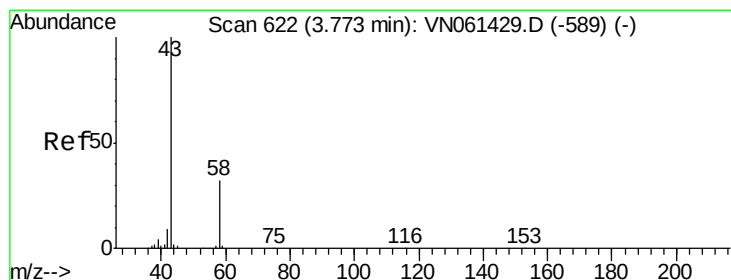
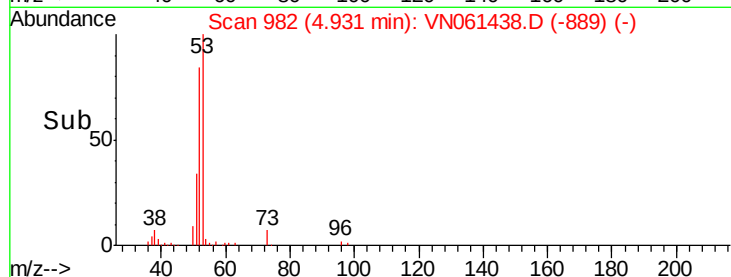
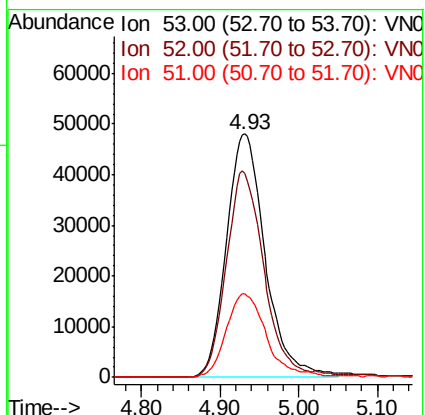
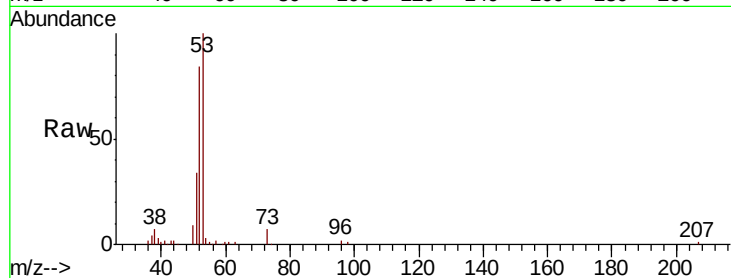
Tot Ion: 53 Resp: 164828

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

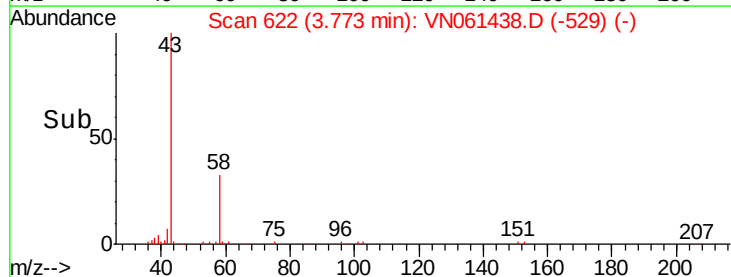
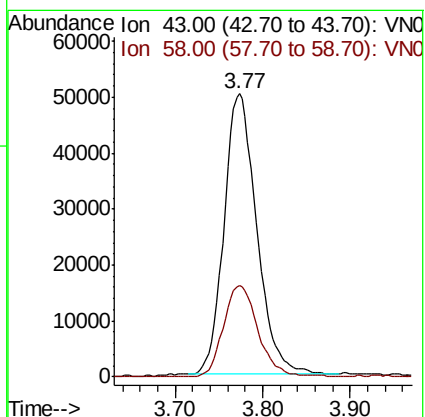
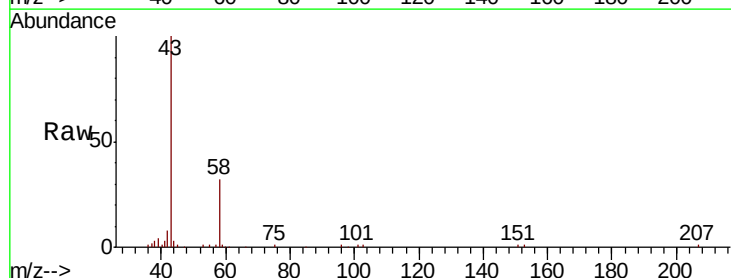
Acq: 18 May 2020 16:40

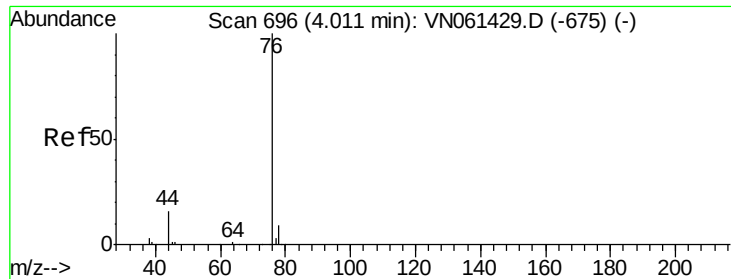
Tgt Ion: 43 Resp: 129964

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 :

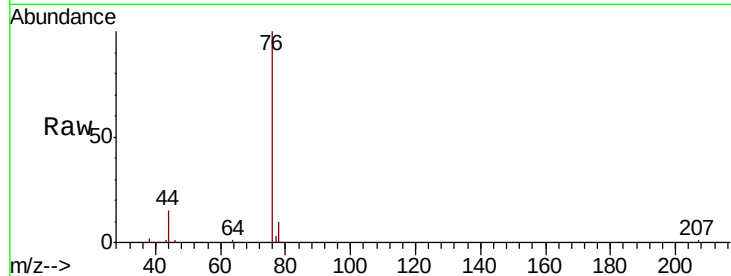
VN0518MBSD01

Tot Ion: 76 Resp: 178439

Ion Ratio Lower Upper

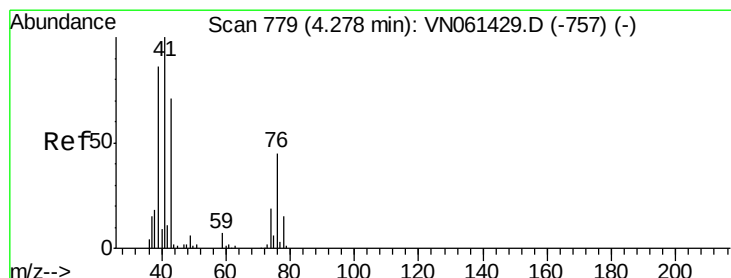
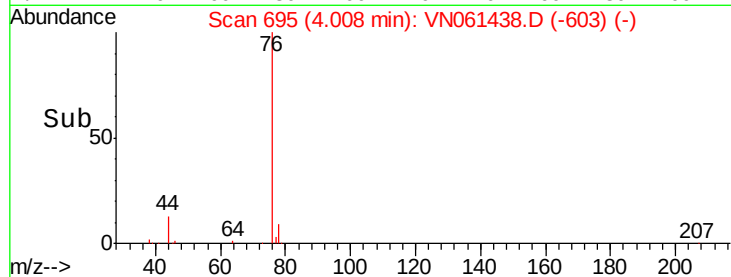
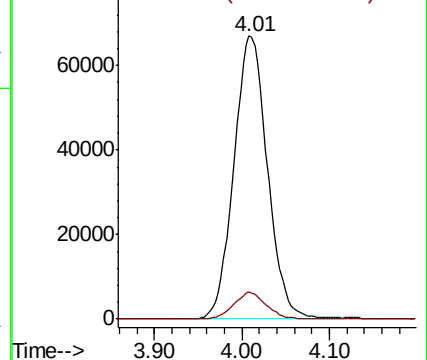
76 100

78 9.6 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 17.718 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN061438.D

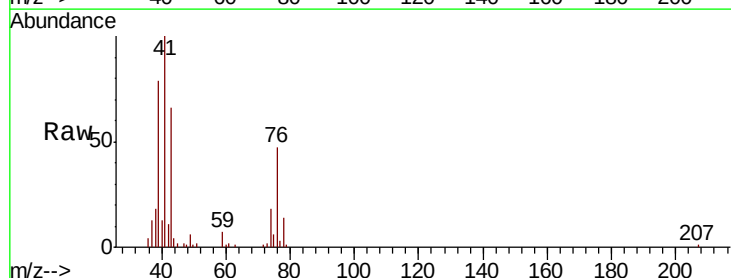
Acq: 18 May 2020 16:40

Tgt Ion: 43 Resp: 67364

Ion Ratio Lower Upper

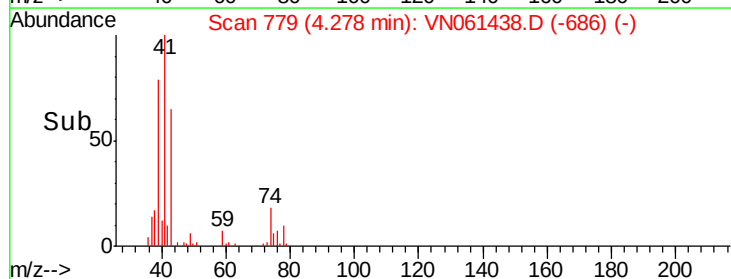
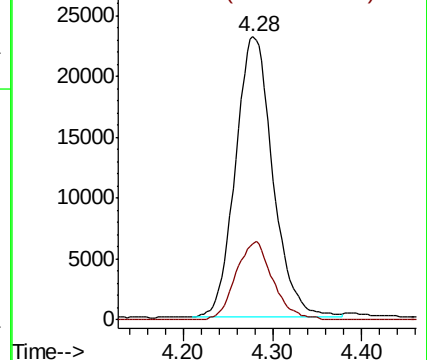
43 100

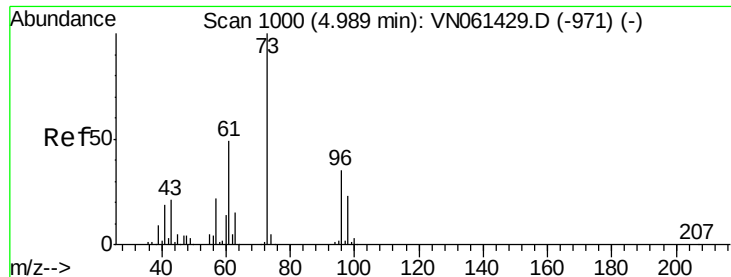
74 27.6 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

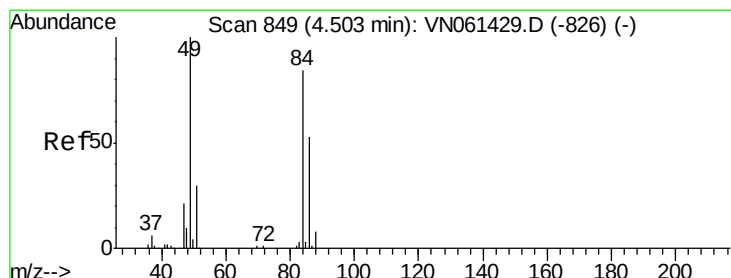
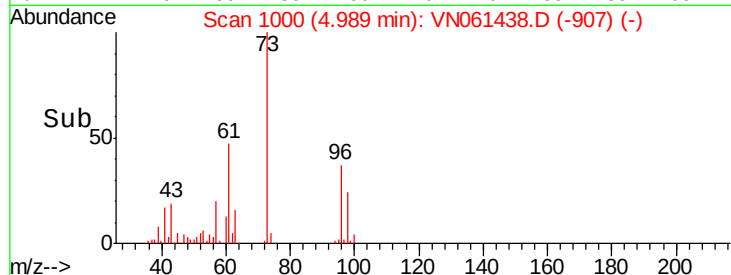
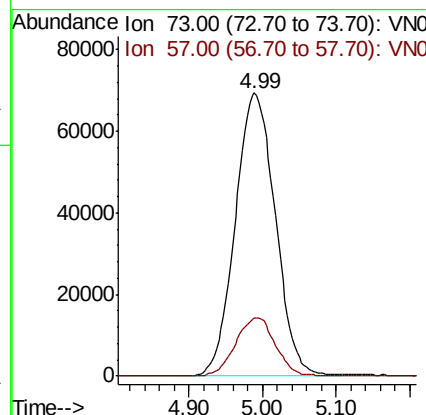
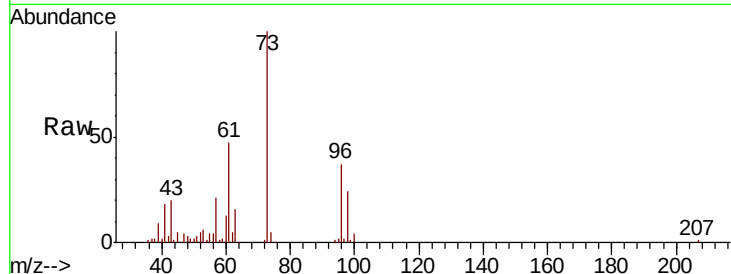




#19
Methvl tert-butvl Ether
Concen: 18.734 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. 0.00 min
Lab File: VN061438.D
Acq: 18 May 2020 16:40

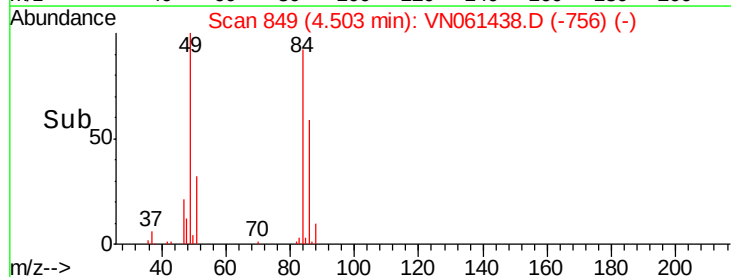
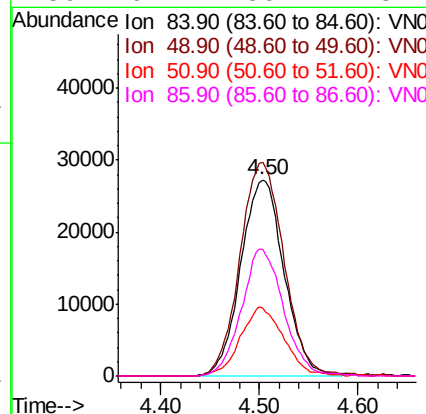
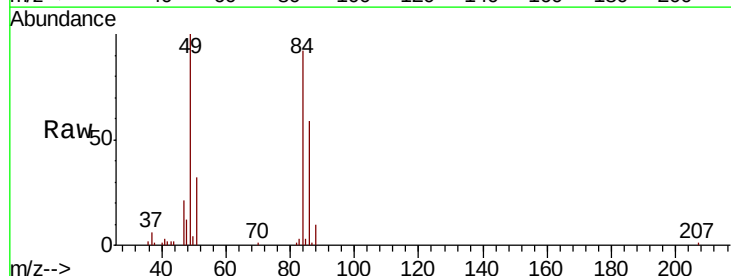
Instrument :
MSVOA_N
ClientSampleId :
VN0518MBSD01

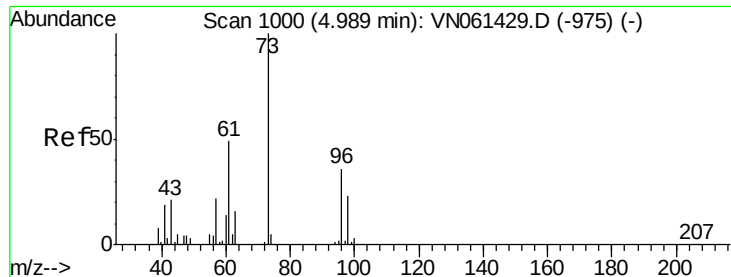
Tot Ion: 73 Resp: 260532
Ion Ratio Lower Upper
73 100
57 20.6 17.4 26.0



#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 :

VN0518MBSD01

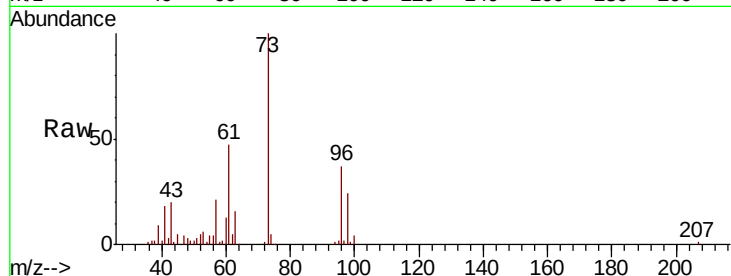
Tot Ion: 96 Resp: 81482

Ion Ratio Lower Upper

96 100

61 127.7 109.8 164.6

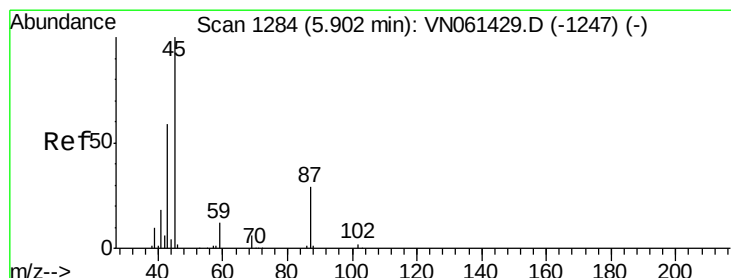
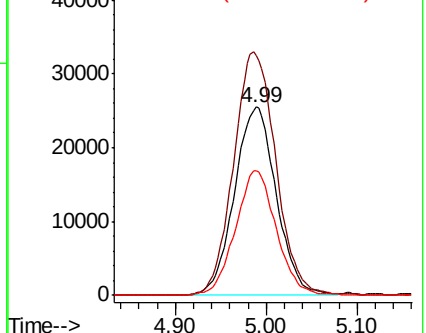
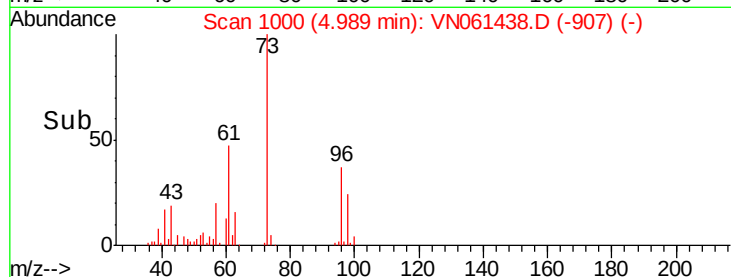
98 66.1 52.4 78.6



Abundance Ion 95.90 (95.60 to 96.60): VN061438.D (-907) (-)

Ion 60.90 (60.60 to 61.60): VN061438.D (-907) (-)

Ion 97.90 (97.60 to 98.60): VN061438.D (-907) (-)



#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

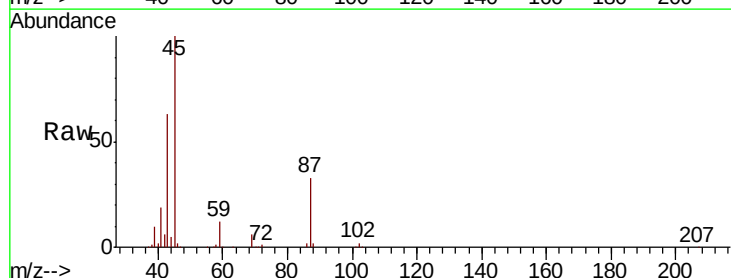
Ion Ratio Lower Upper

45 100

43 61.4 47.9 71.9

87 32.8 24.0 36.0

59 12.2 9.7 14.5

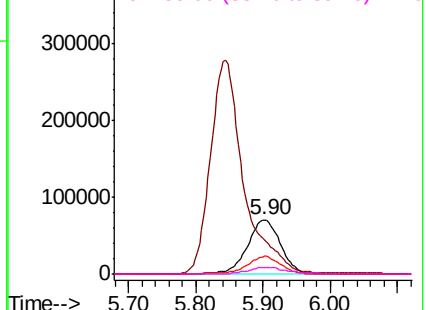
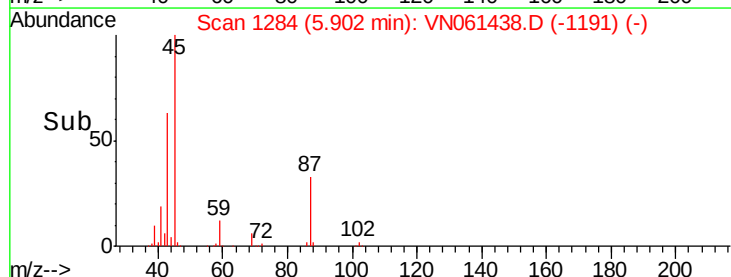


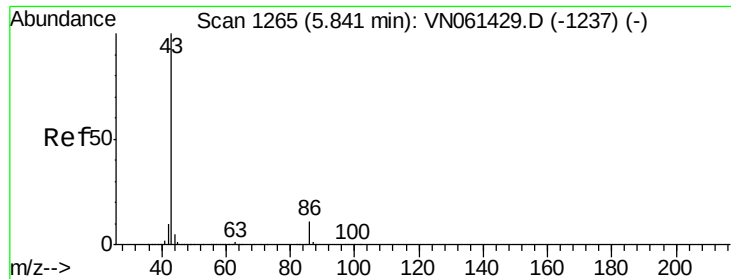
Abundance Ion 45.00 (44.70 to 45.70): VN061438.D (-1191) (-)

Ion 43.00 (42.70 to 43.70): VN061438.D (-1191) (-)

Ion 87.00 (86.70 to 87.70): VN061438.D (-1191) (-)

Ion 59.00 (58.70 to 59.70): VN061438.D (-1191) (-)





#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 :

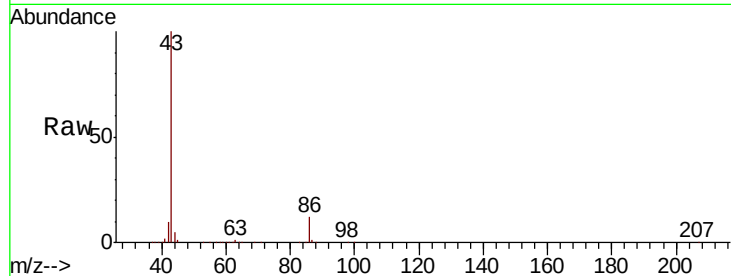
VN0518MBSD01

Tot Ion: 43 Resp: 959376

Ion Ratio Lower Upper

43 100

86 12.4 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.84

300000

250000

200000

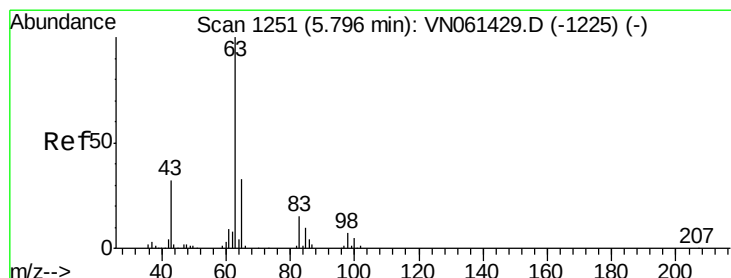
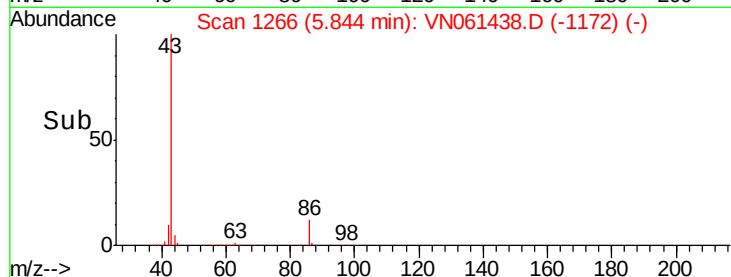
150000

100000

50000

0

Time-->



#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

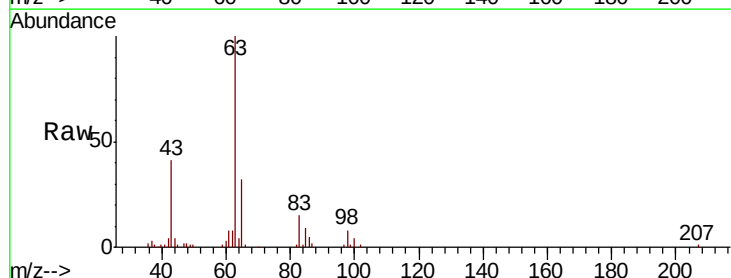
Tgt Ion: 63 Resp: 143112

Ion Ratio Lower Upper

63 100

98 7.7 3.5 10.5

100 4.4 2.3 6.9



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

60000

50000

40000

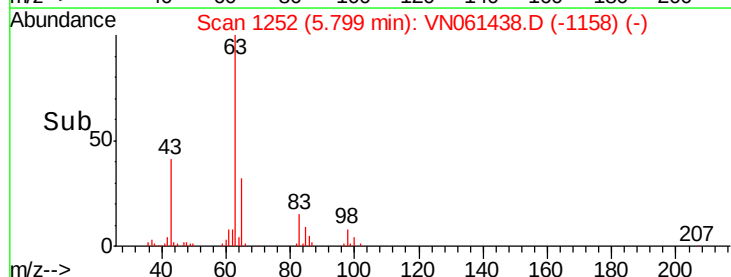
30000

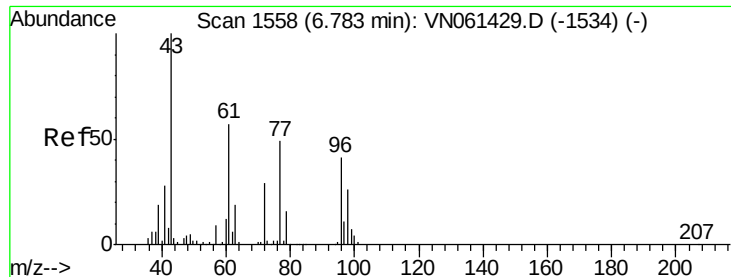
20000

10000

0

Time-->





#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

ClientSampleId :

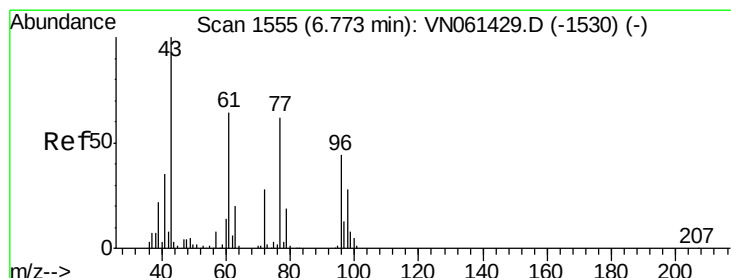
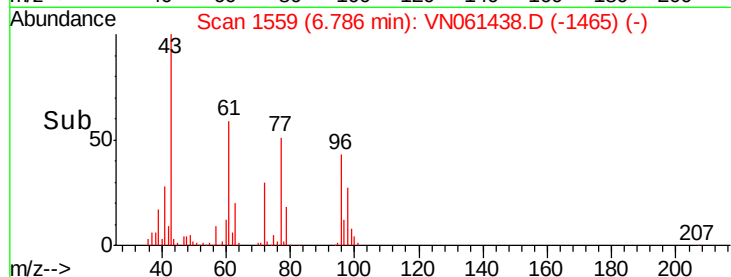
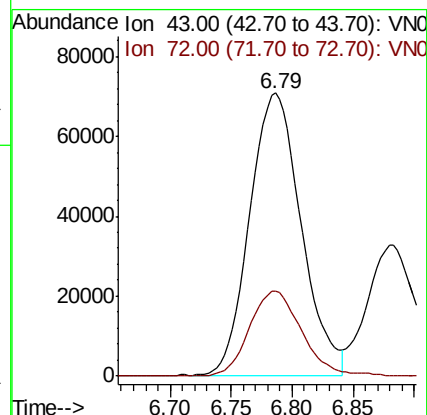
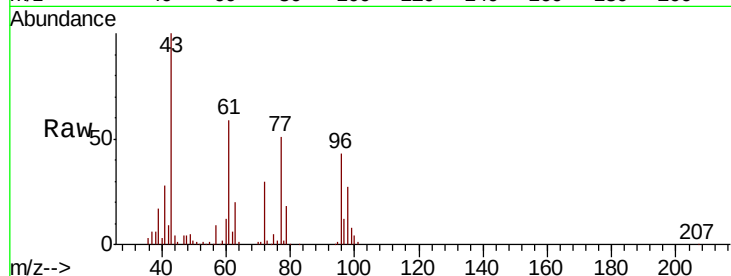
VN0518MBSD01

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

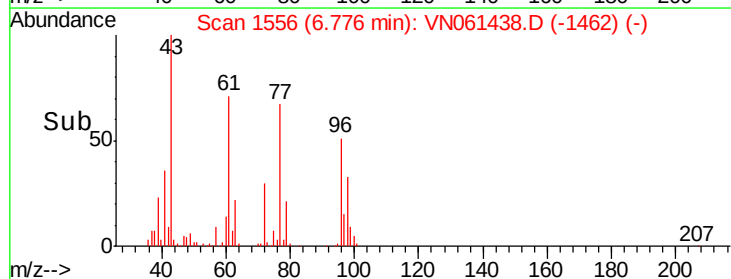
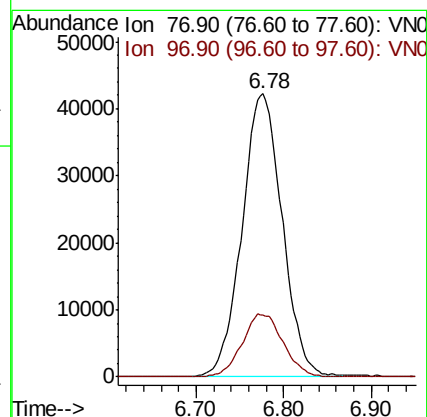
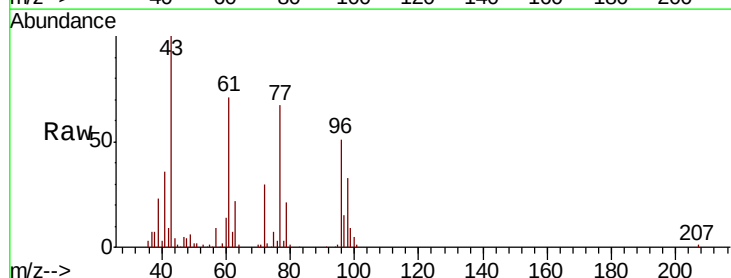
Acq: 18 May 2020 16:40

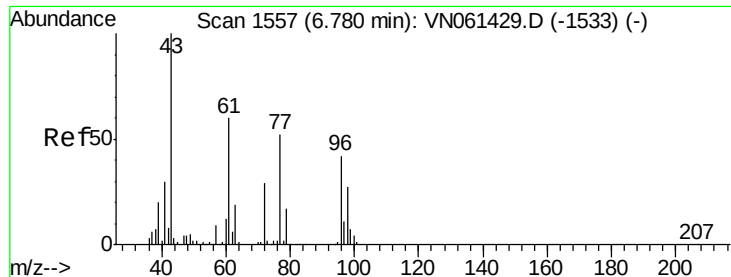
Tgt Ion: 77 Resp: 134441

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 :

VN0518MBSD01

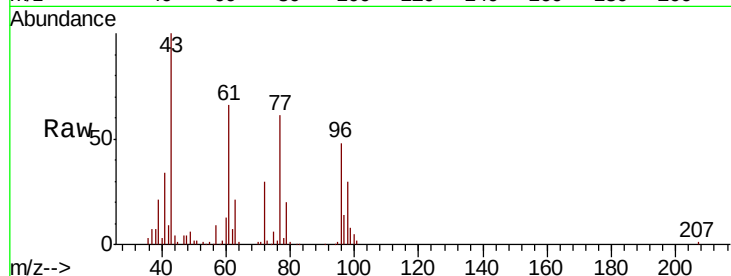
Tot Ion: 96 Resp: 92859

Ion Ratio Lower Upper

96 100

61 142.6 0.0 294.2

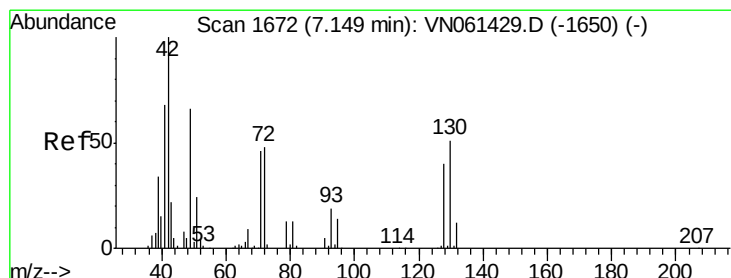
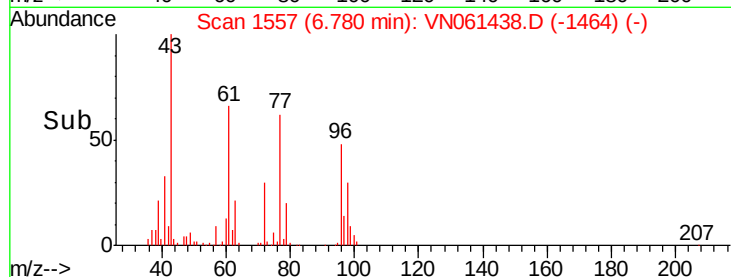
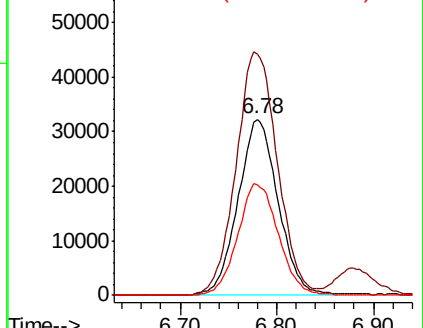
98 64.4 0.0 128.2



Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#28

Bromochloromethane

Concen: 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

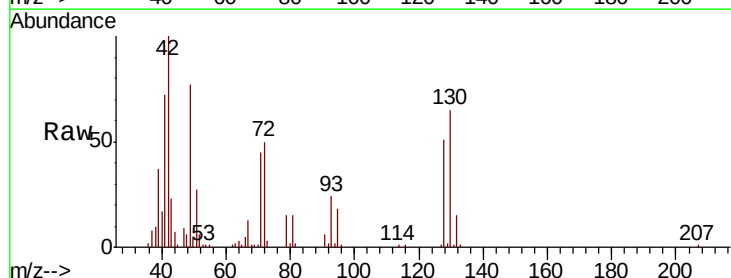
Tgt Ion: 49 Resp: 67474

Ion Ratio Lower Upper

49 100

129 1.3 0.0 4.6

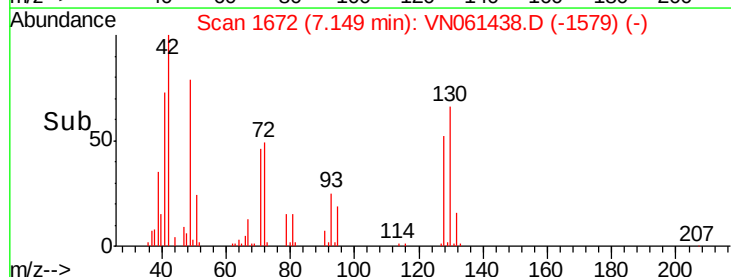
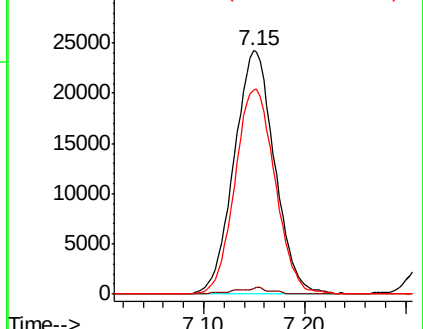
130 83.6 62.2 93.2

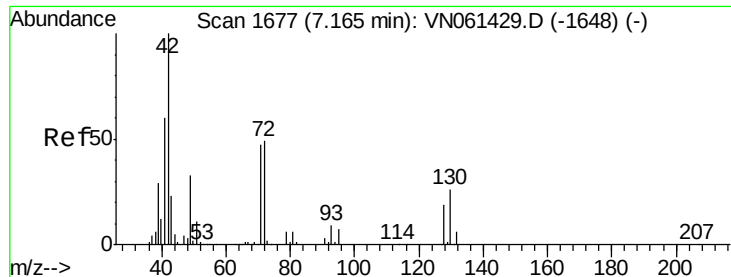


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

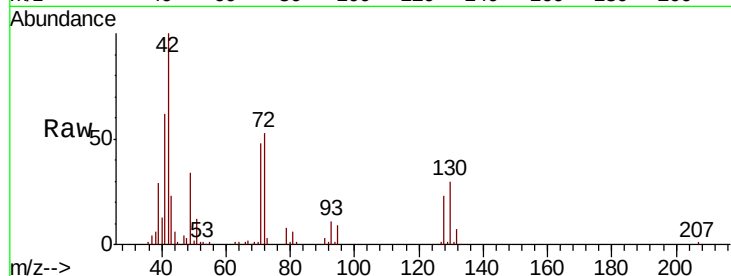




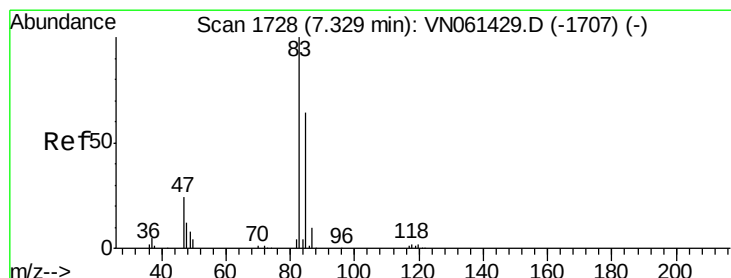
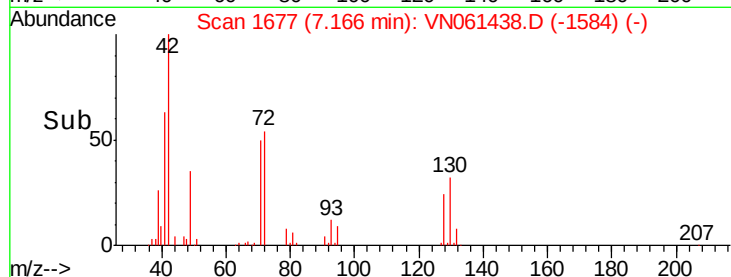
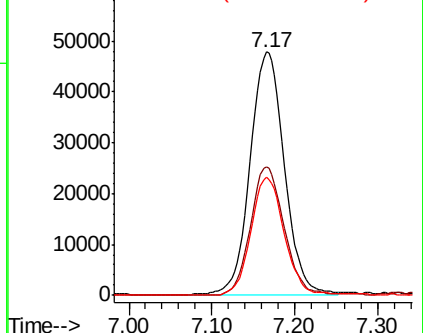
#29
Tetrahydrofuran
Concen: 85.979 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.00 min
Lab File: VN061438.D
Acq: 18 May 2020 16:40

Instrument :
MSVOA_N
ClientSampleId :
VN0518MBSD01

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

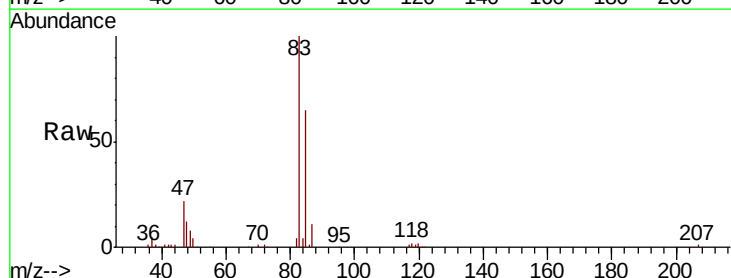


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

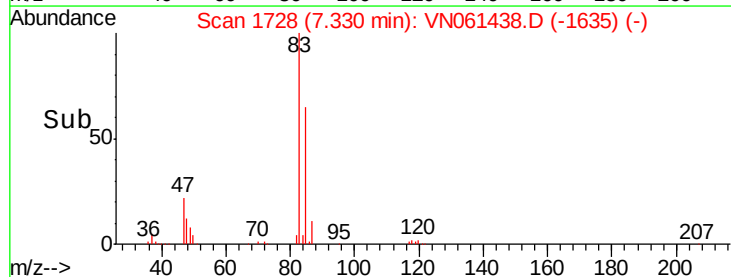
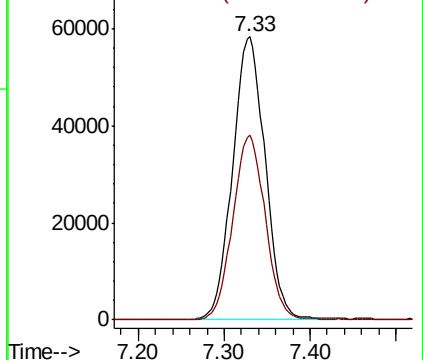


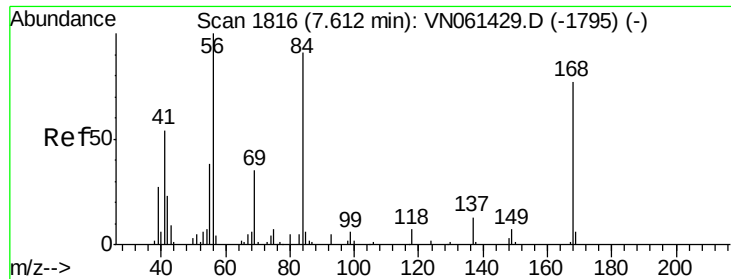
#30
Chloroform
Concen: 18.826 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. 0.00 min
Lab File: VN061438.D
Acq: 18 May 2020 16:40

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

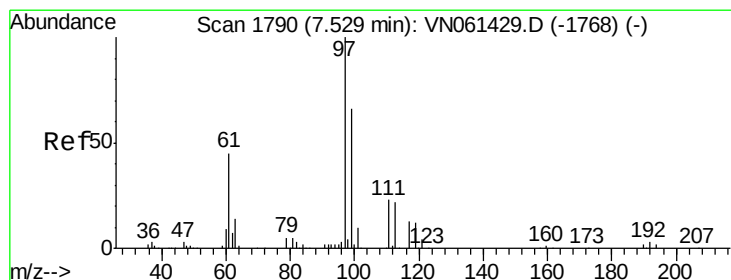
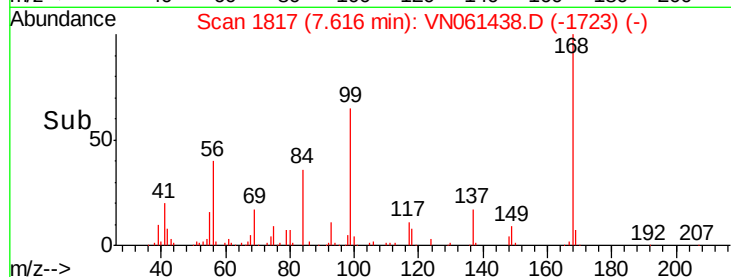
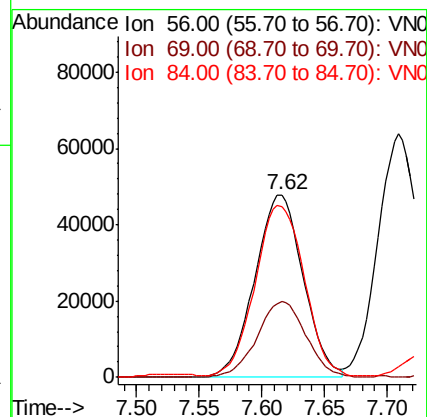
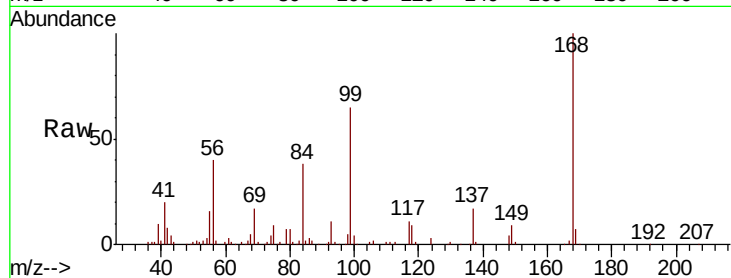




#31
Cyclohexane
Concen: 16.696 ug/l
RT: 7.62 min Scan# 1817
Delta R.T. 0.00 min
Lab File: VN061438.D
Acq: 18 May 2020 16:40

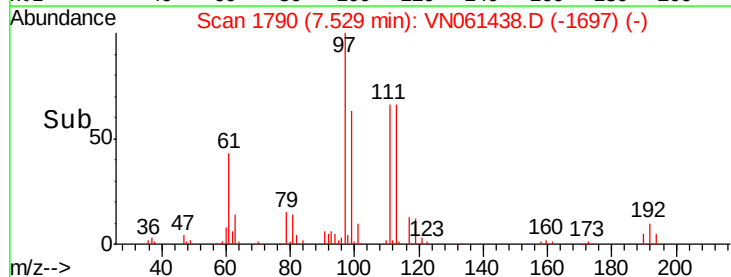
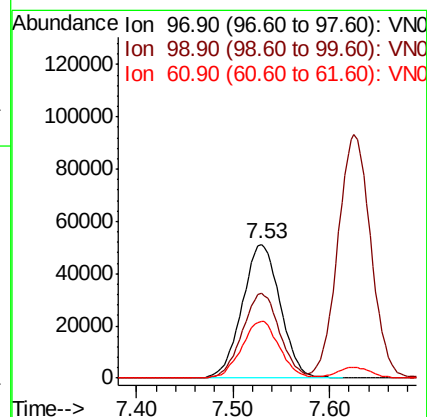
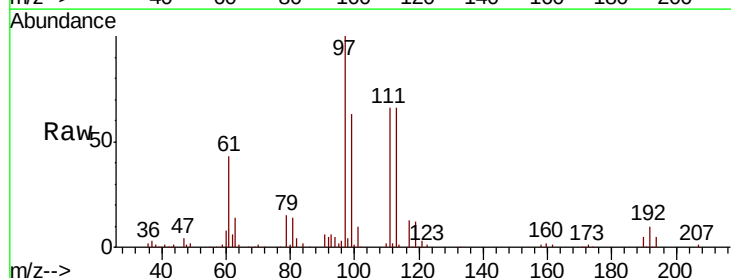
Instrument :
MSVOA_N
ClientSampleId :
VN0518MBSD01

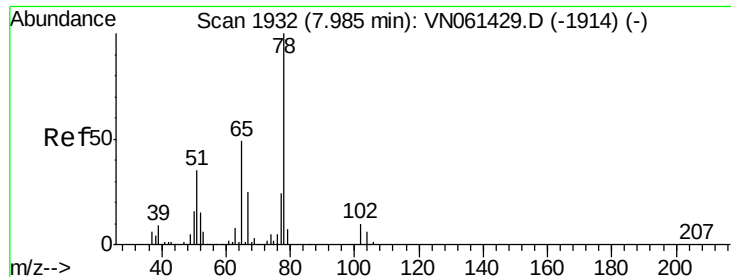
Tot Ion: 56 Resp: 128520
Ion Ratio Lower Upper
56 100
69 41.6 27.8 41.6
84 92.2 72.7 109.1



#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

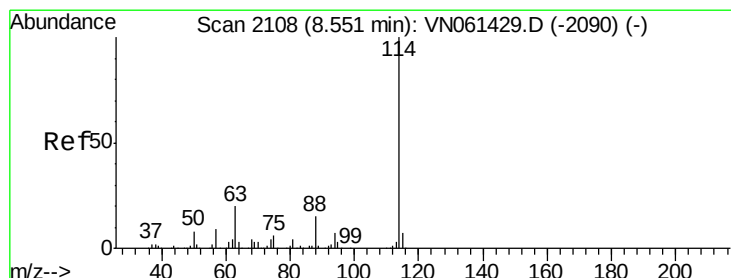
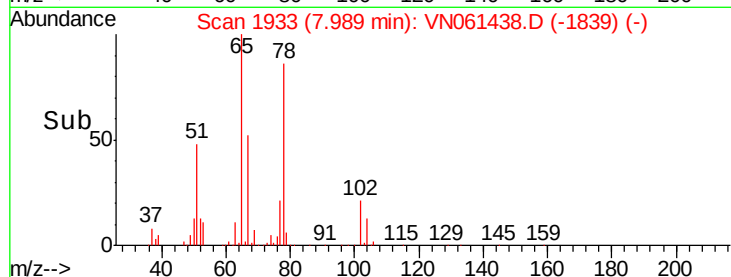
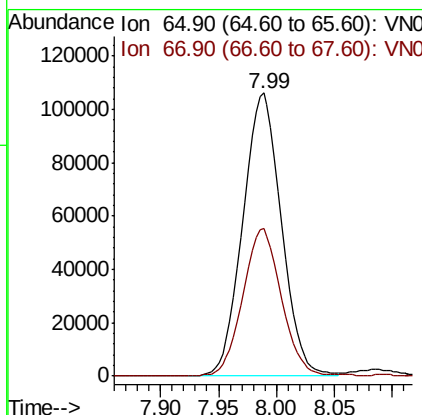
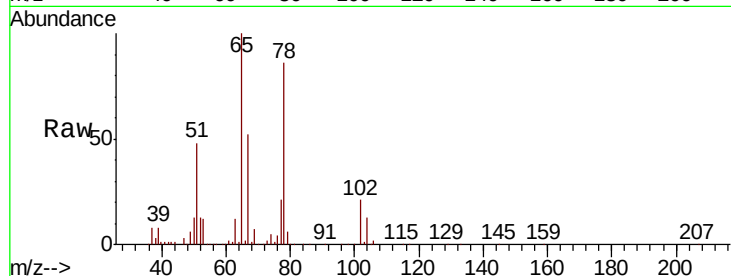




#33
 1,2-Dichloroethane-d4
 Concen: 46.129 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN061438.D
 Acq: 18 May 2020 16:40

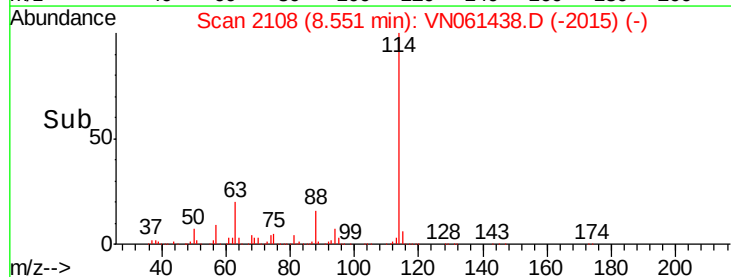
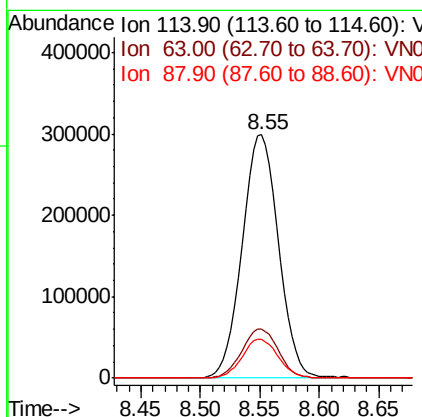
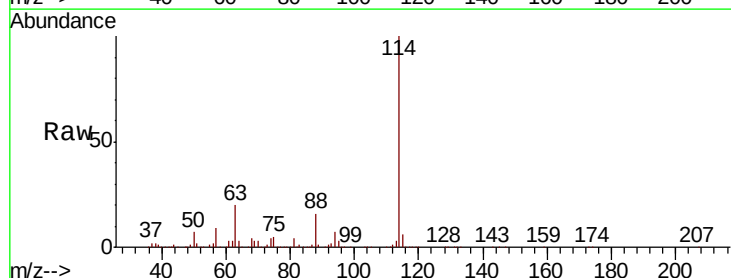
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0518MBSD01

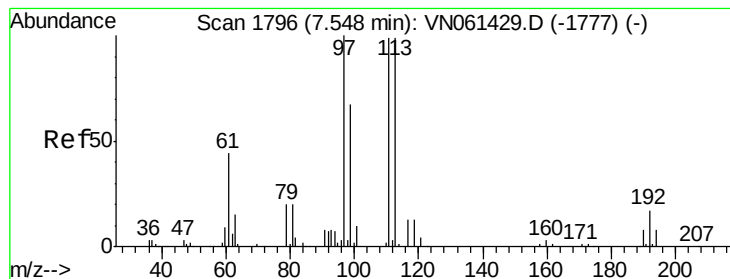
Tot Ion: 65 Resp: 246140
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 101.4



#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

ClientSampleId :

VN0518MBSD01

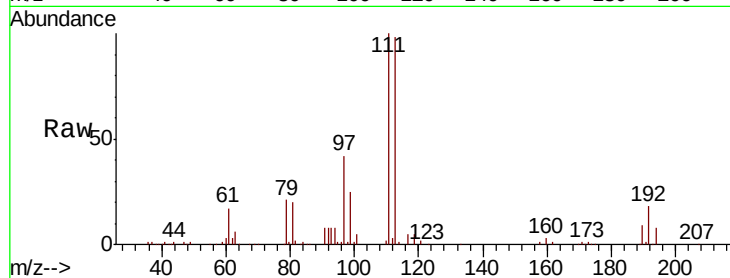
Tot Ion:113 Resp: 175885

Ion Ratio Lower Upper

113 100

111 101.2 80.6 121.0

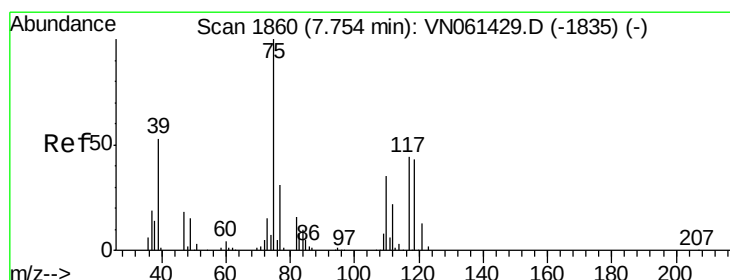
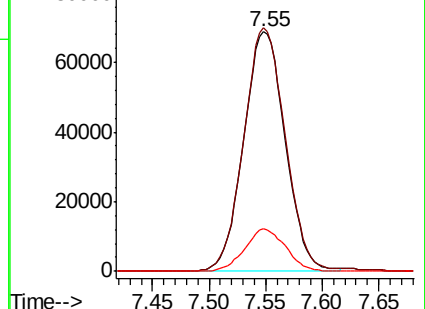
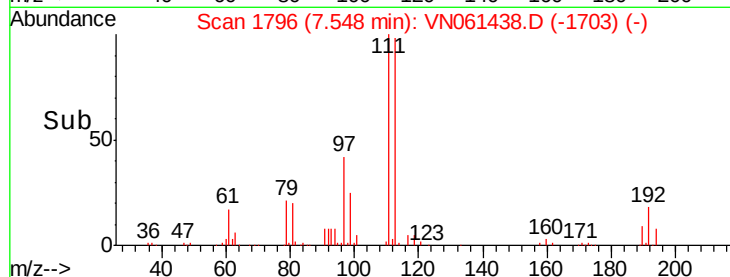
192 17.3 13.2 19.8



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

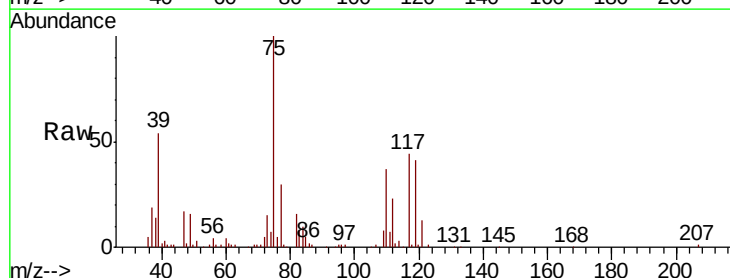
Tgt Ion: 75 Resp: 111014

Ion Ratio Lower Upper

75 100

110 37.3 17.3 51.9

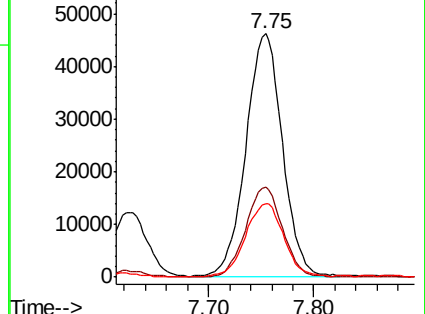
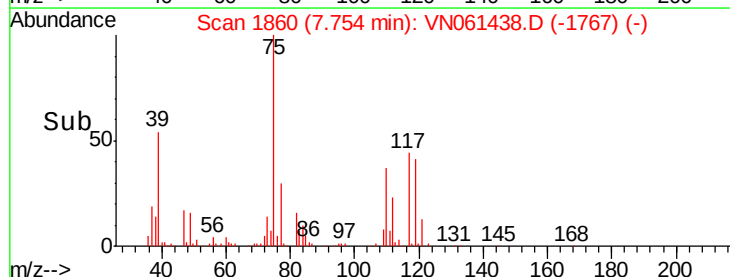
77 31.0 24.9 37.3

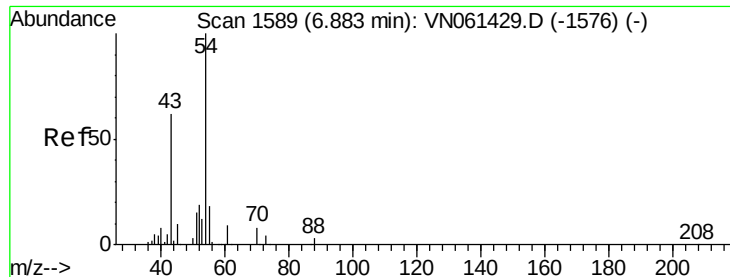


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0

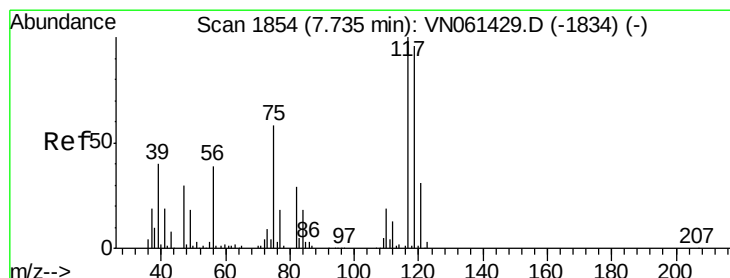
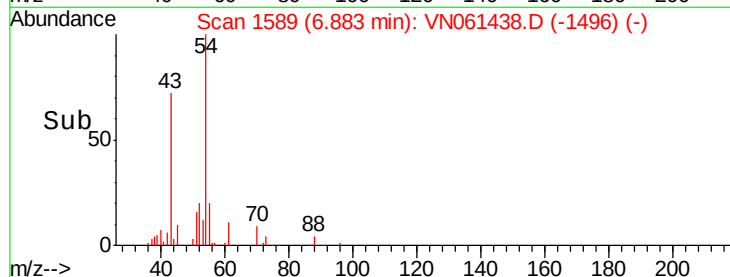
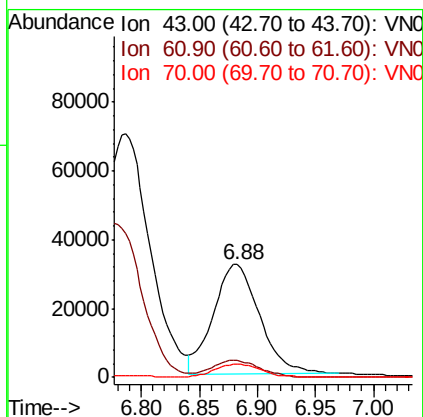
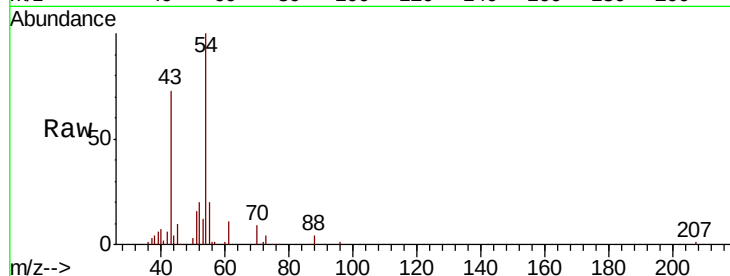




#37
Ethyl Acetate
Concen: 16.613 ug/l
RT: 6.88 min Scan# 1589
Delta R.T. 0.00 min
Lab File: VN061438.D
Acq: 18 May 2020 16:40

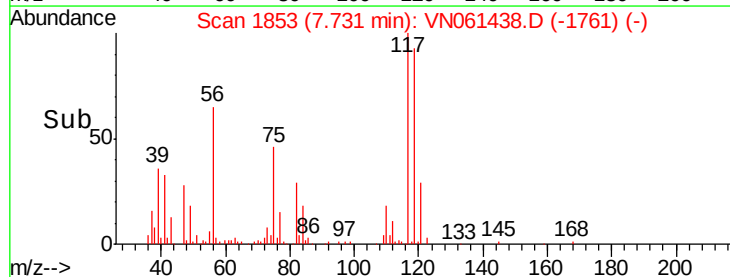
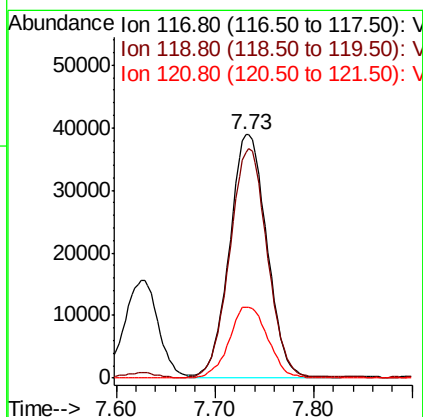
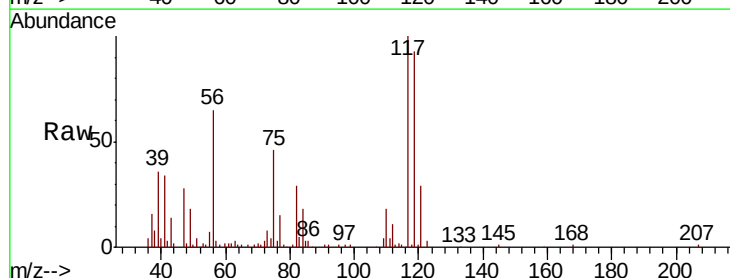
Instrument :
MSVOA_N
ClientSampleId :
VN0518MBSD01

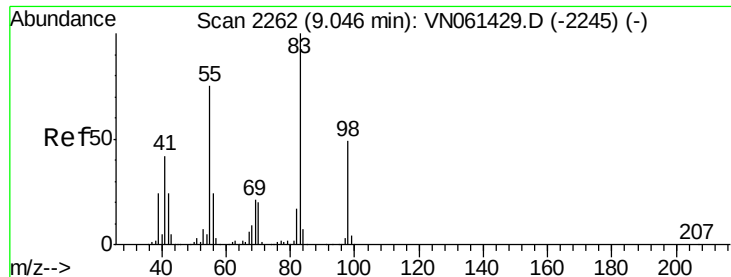
Tot Ion: 43 Resp: 89215
Ion Ratio Lower Upper
43 100
61 15.1 11.7 17.5
70 12.6 9.2 13.8



#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

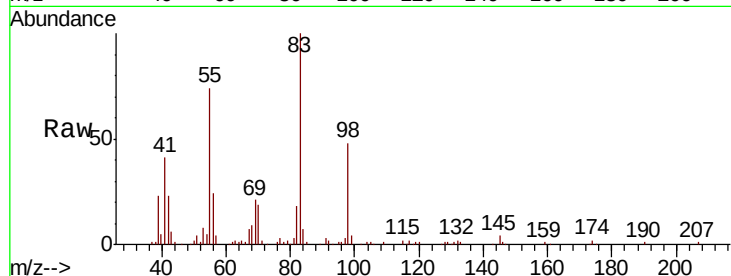




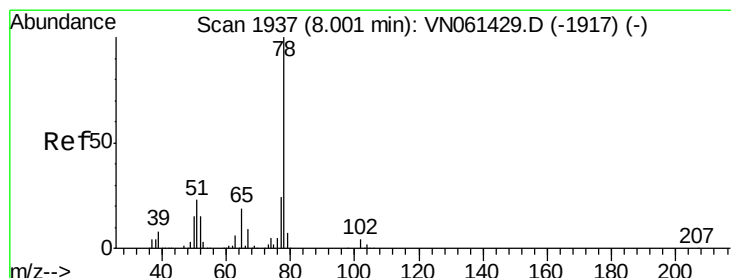
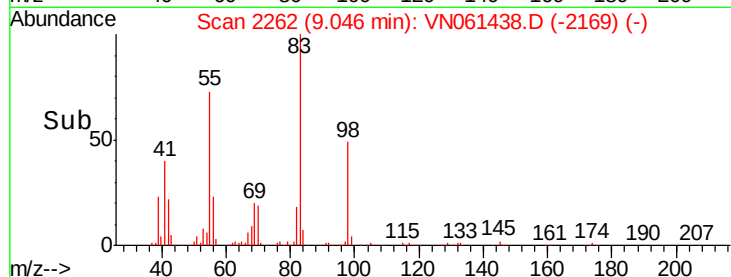
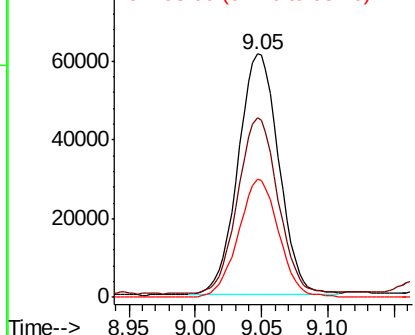
#39
Methylvlcyclohexane
Concen: 18.028 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VN061438.D
Acq: 18 May 2020 16:40

Instrument :
MSVOA_N
ClientSampleId :
VN0518MBSD01

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

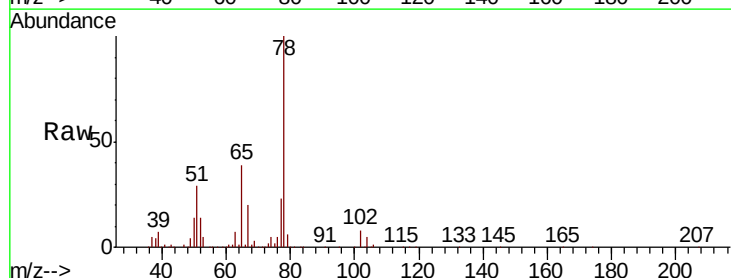


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

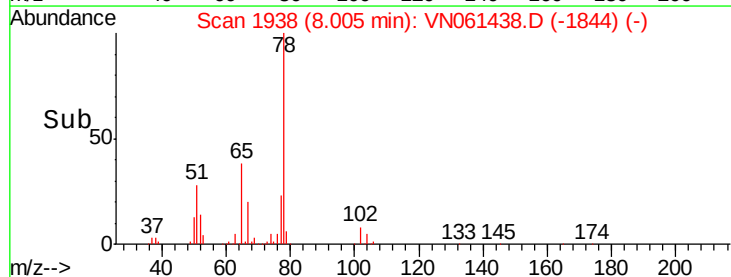
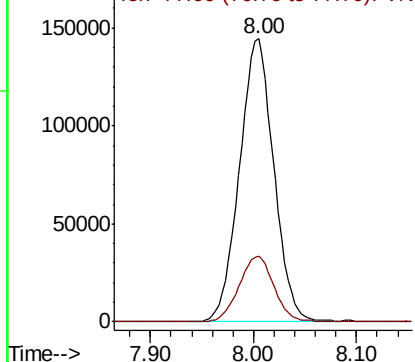


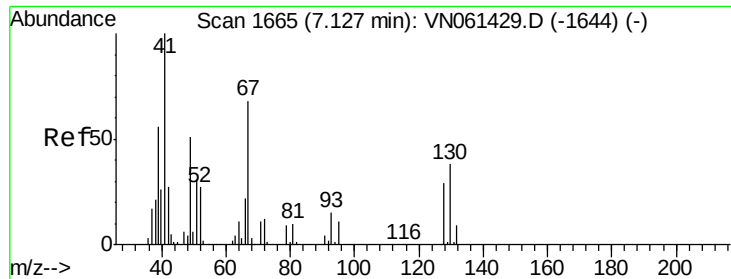
#40
Benzene
Concen: 18.729 ug/l
RT: 8.00 min Scan# 1938
Delta R.T. 0.00 min
Lab File: VN061438.D
Acq: 18 May 2020 16:40

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

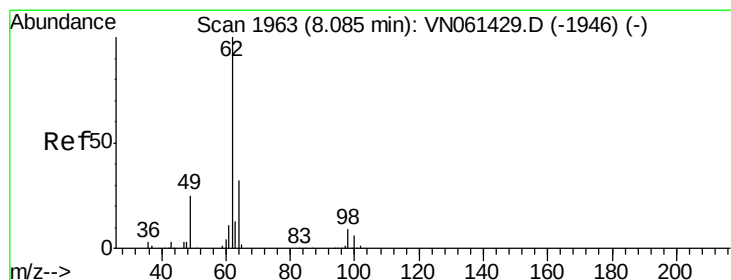
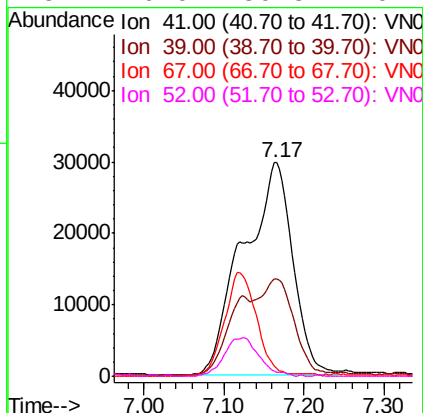
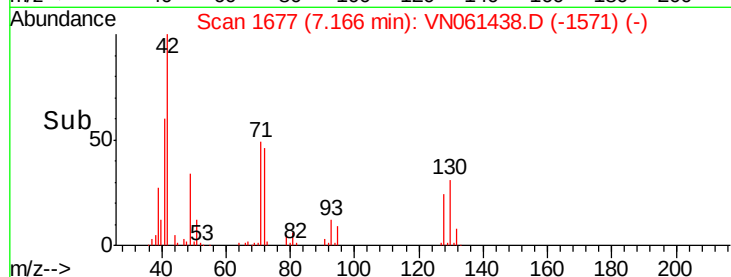
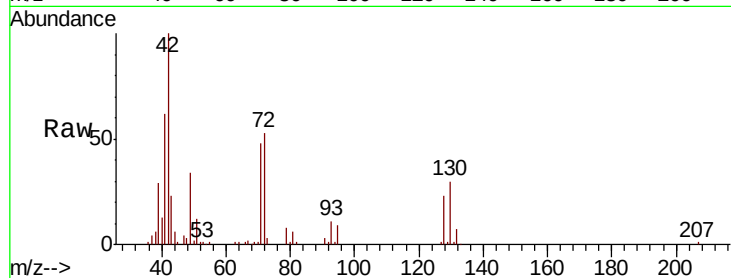




#41
Methacrylonitrile
Concen: 55.827 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.04 min
Lab File: VN061438.D
Acq: 18 May 2020 16:40

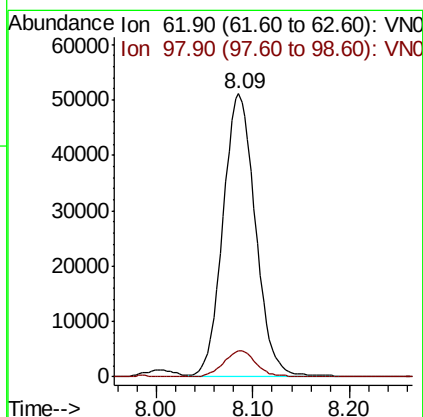
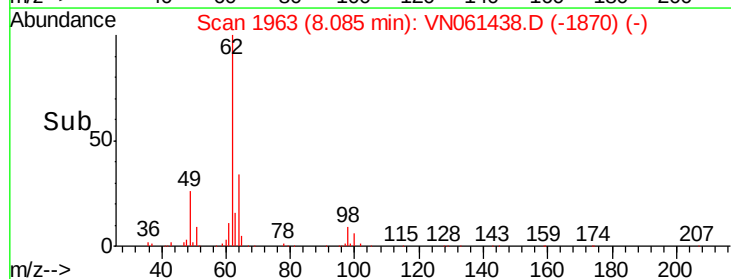
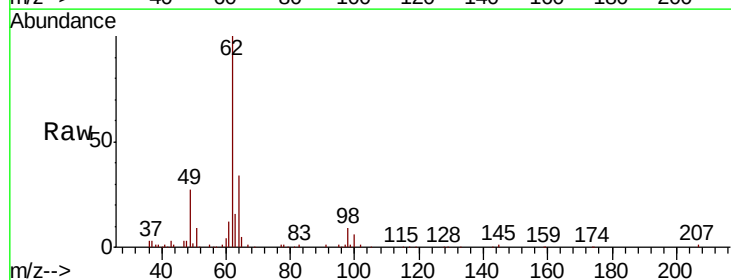
Instrument :
MSVOA_N
ClientSampleId :
VN0518MBSD01

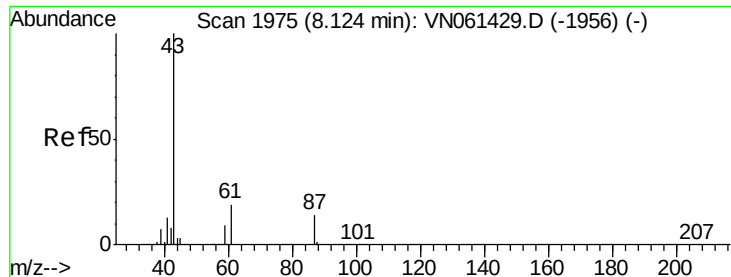
Tot Ion: 41 Resp: 126629
Ion Ratio Lower Upper
41 100
39 0.0 48.3 72.5#
67 0.0 74.2 111.4#
52 0.0 30.8 46.2#



#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: 62 Resp: 119257
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 :

VN0518MBSD01

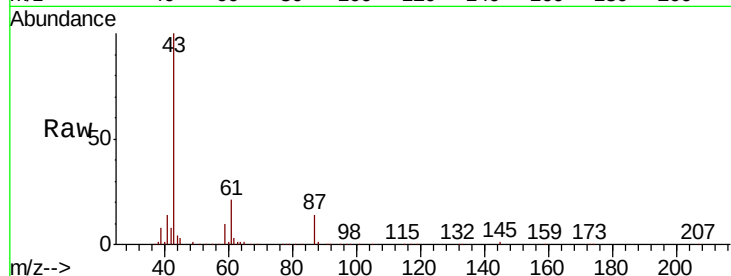
Tot Ion: 43 Resp: 167590

Ion Ratio Lower Upper

43 100

61 28.7 23.0 34.4

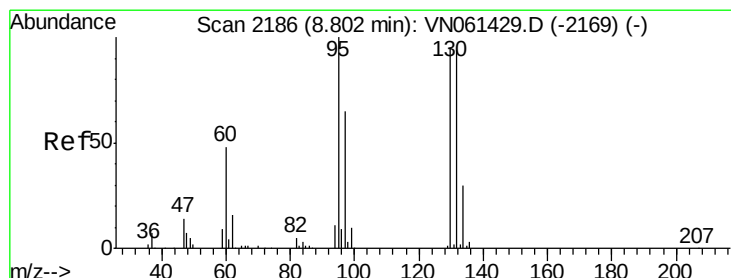
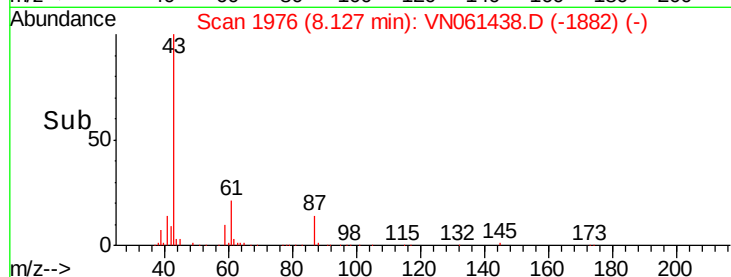
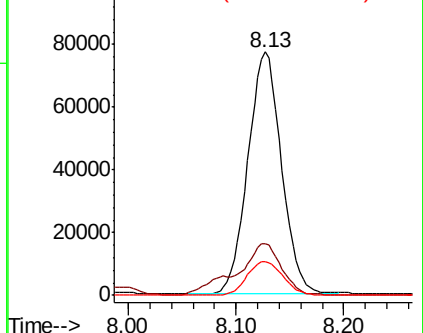
87 14.8 11.6 17.4



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

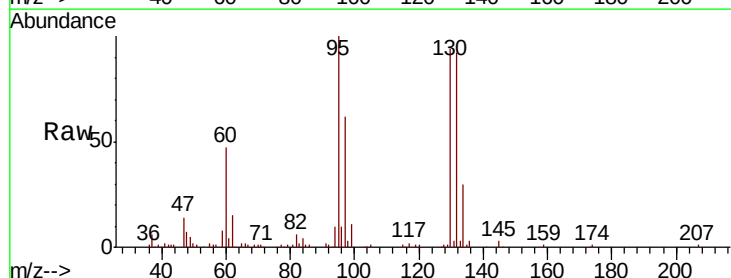
Acq: 18 May 2020 16:40

Tgt Ion:130 Resp: 92433

Ion Ratio Lower Upper

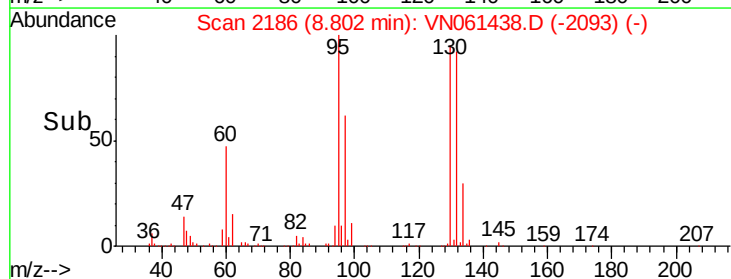
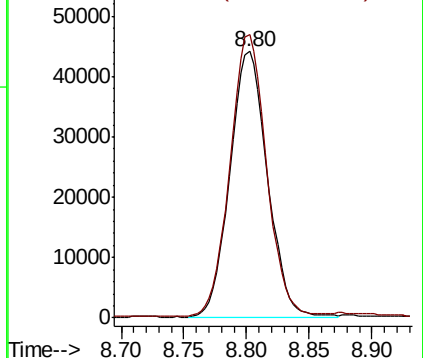
130 100

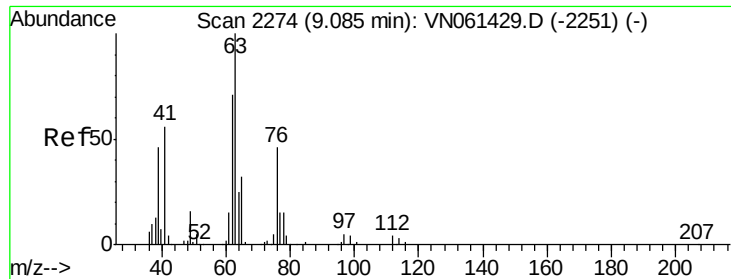
95 105.4 0.0 209.8



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

ClientSampleId :

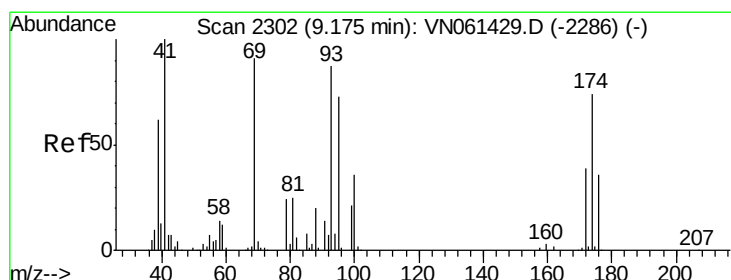
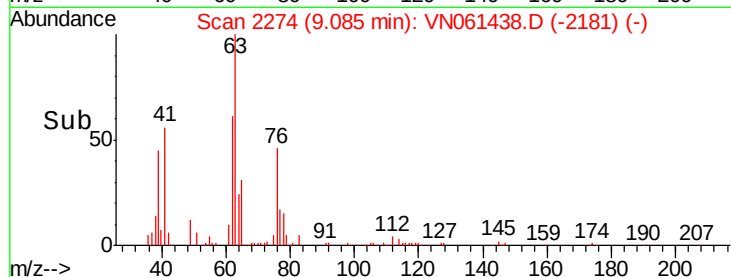
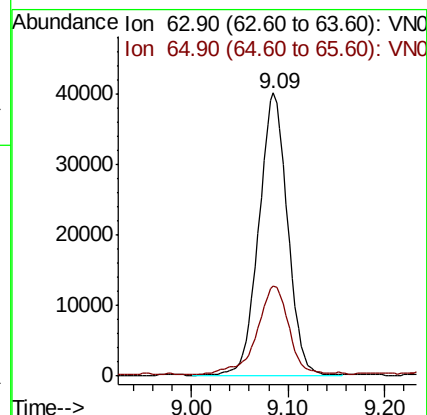
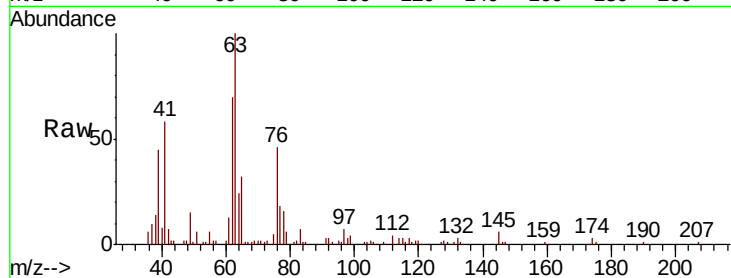
VN0518MBSD01

Tot Ion: 63 Resp: 83454

Ion Ratio Lower Upper

63 100

65 31.3 25.2 37.8



#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

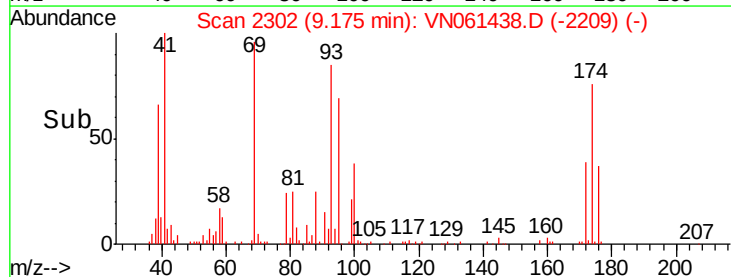
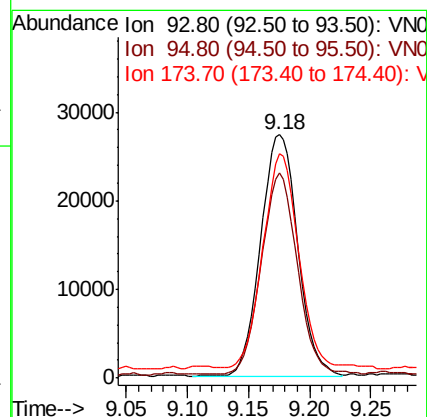
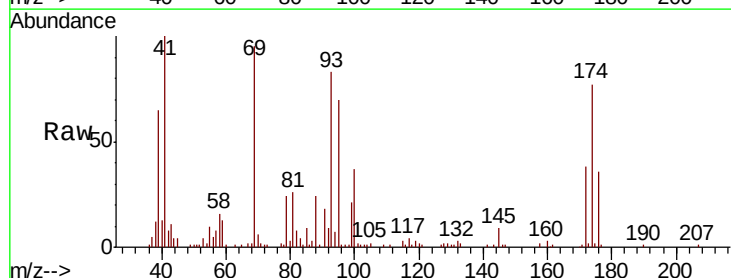
Tgt Ion: 93 Resp: 57629

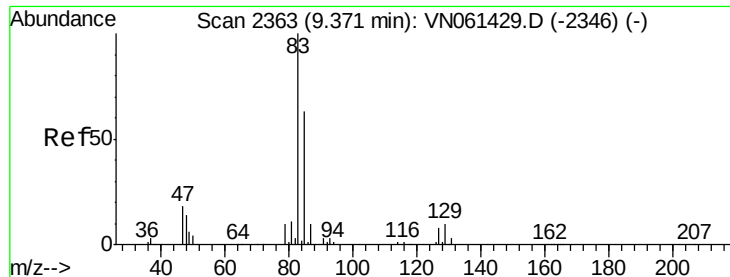
Ion Ratio Lower Upper

93 100

95 80.9 65.6 98.4

174 87.2 68.0 102.0





#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 :

VN0518MBSD01

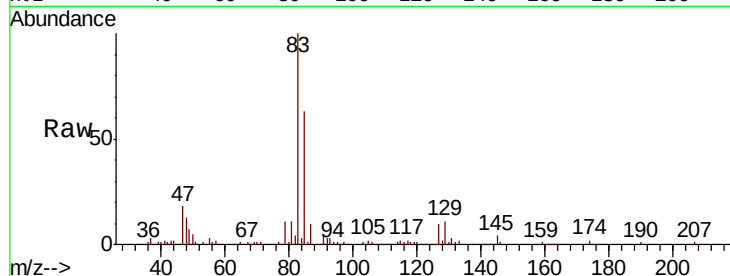
Tot Ion: 83 Resp: 120967

Ion Ratio Lower Upper

83 100

85 64.1 50.6 76.0

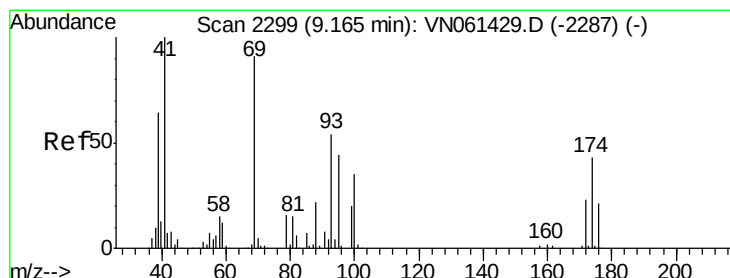
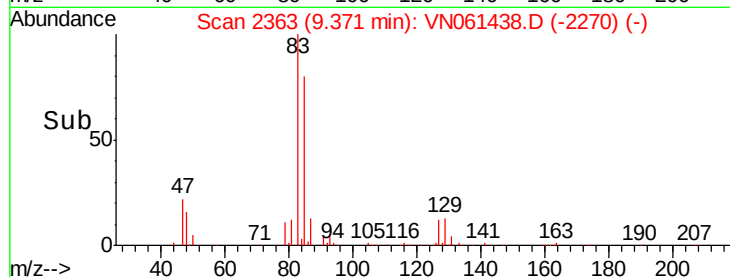
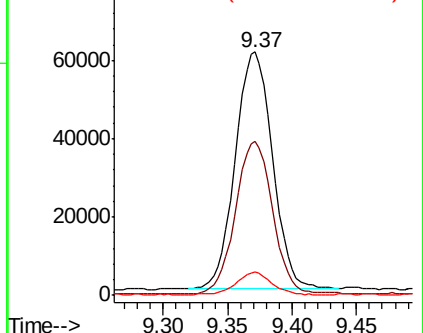
127 9.4 6.1 9.1#



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 126.80 (126.50 to 127.50): VN0



#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

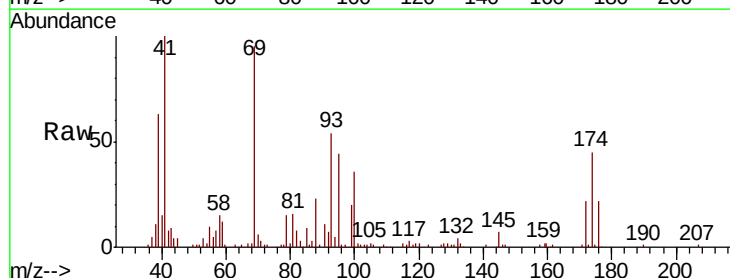
Tgt Ion: 41 Resp: 73416

Ion Ratio Lower Upper

41 100

69 99.9 75.3 112.9

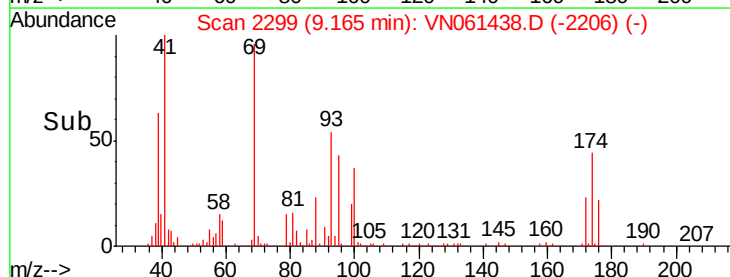
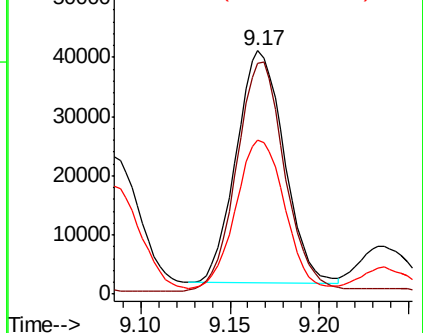
39 66.4 52.6 79.0

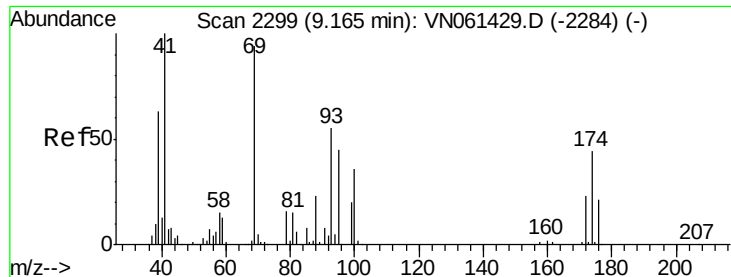


Abundance Ion 41.00 (40.70 to 41.70): VN0

Ion 69.00 (68.70 to 69.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

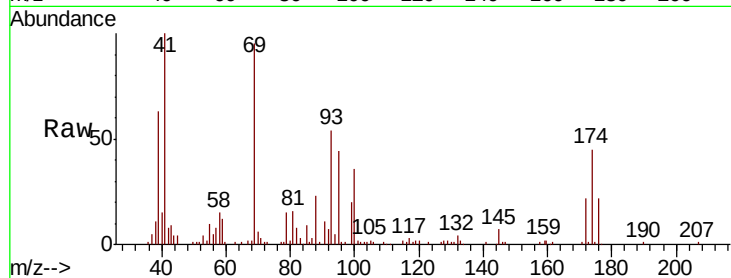




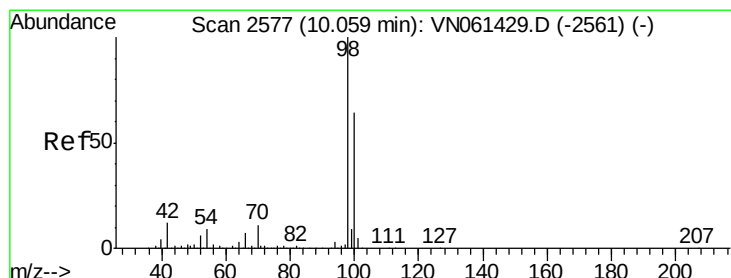
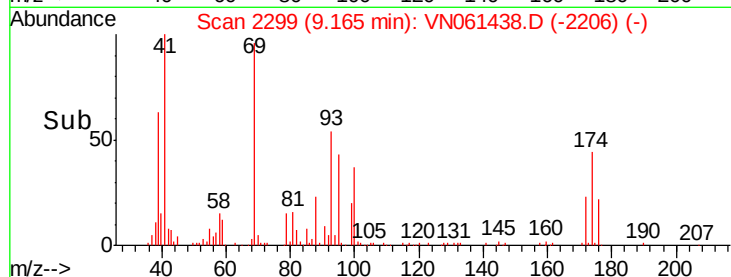
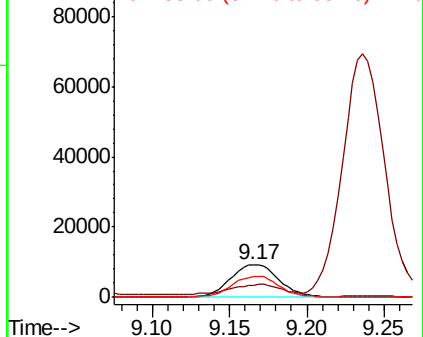
#49
1,4-Dioxane
Concen: 422.699 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. 0.00 min
Lab File: VN061438.D
Acq: 18 May 2020 16:40

Instrument :
MSVOA_N
ClientSampleId :
VN0518MBSD01

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

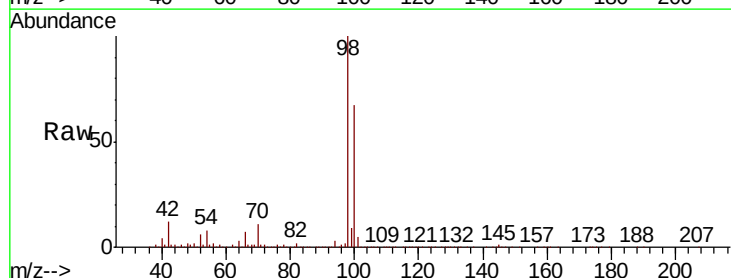


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

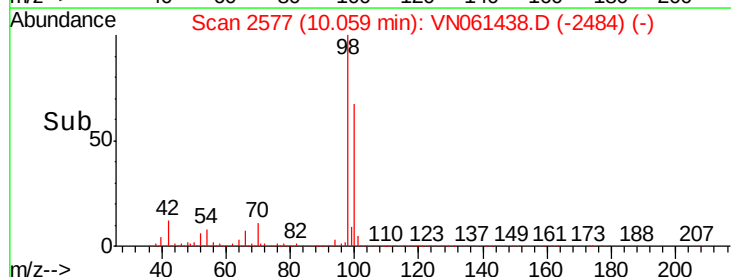
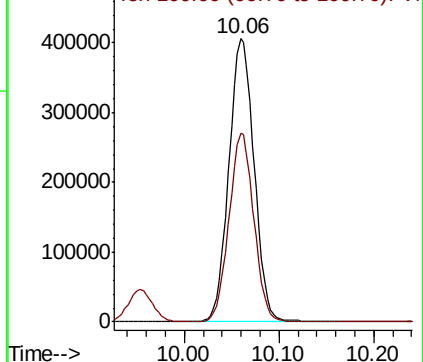


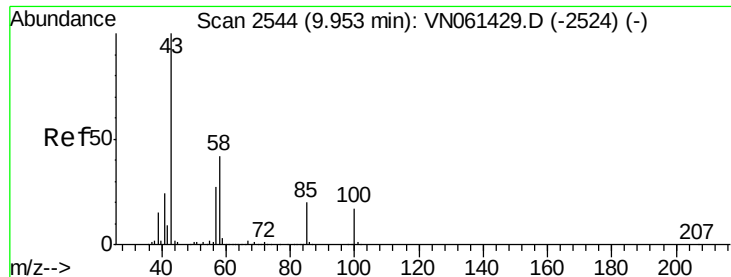
#50
Toluene-d8
Concen: 48.792 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN061438.D
Acq: 18 May 2020 16:40

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

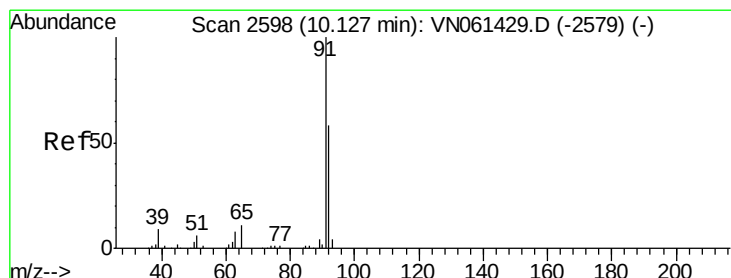
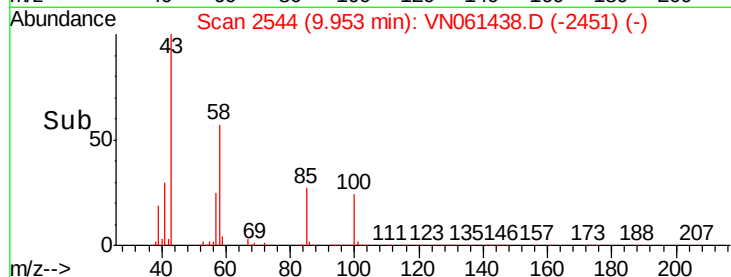
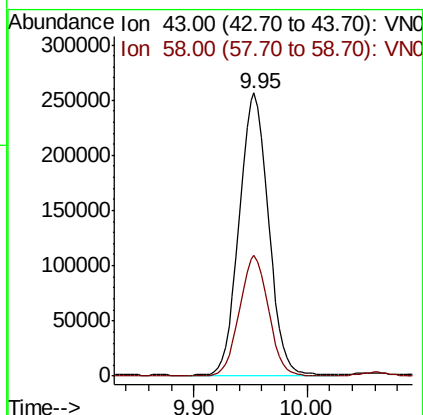
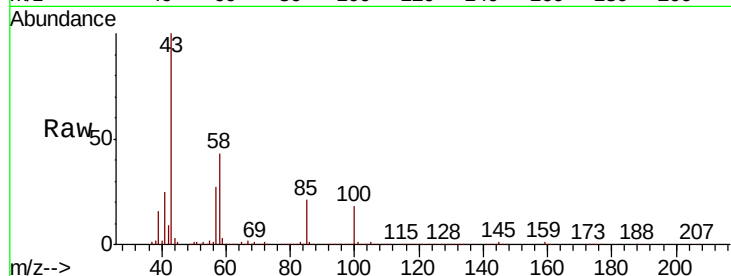




#51
4-Methyl-2-Pentanone
Concen: 90.470 ug/l
RT: 9.95 min Scan# 2544
Delta R.T. 0.00 min
Lab File: VN061438.D
Acq: 18 May 2020 16:40

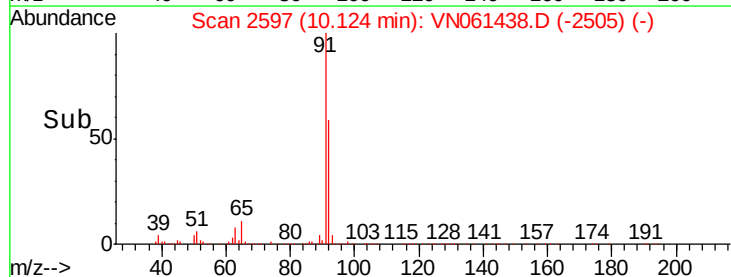
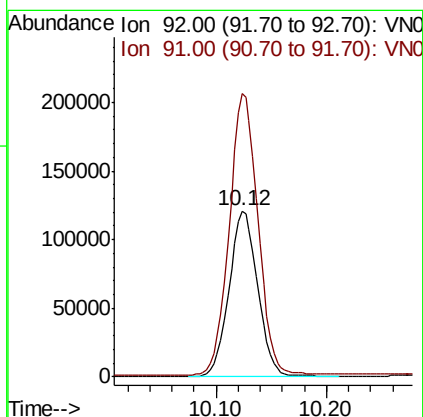
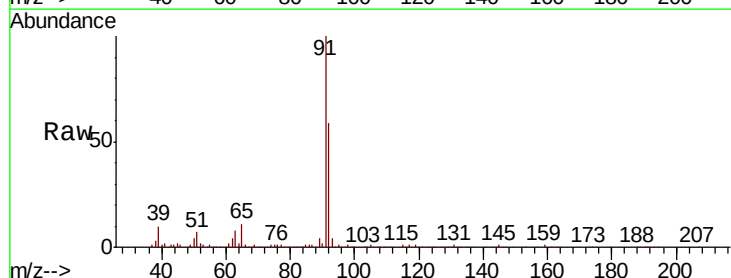
Instrument :
MSVOA_N
ClientSampleId :
VN0518MBSD01

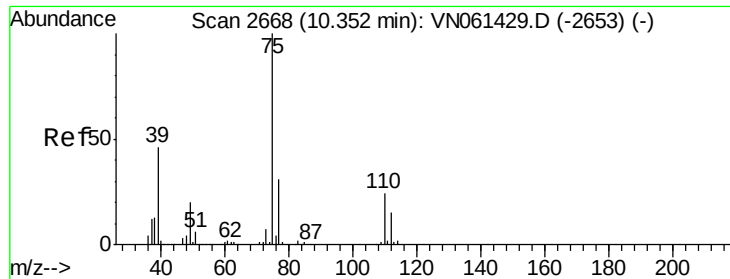
Tot Ion: 43 Resp: 461620
Ion Ratio Lower Upper
43 100
58 42.2 33.4 50.2



#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 :

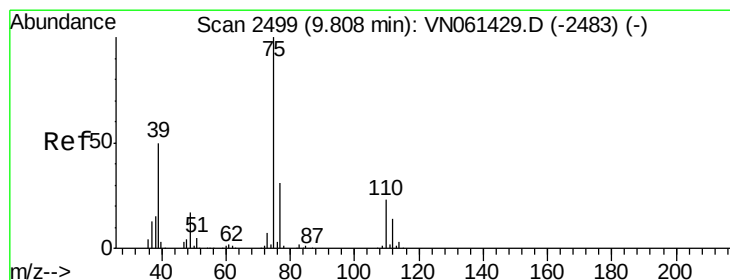
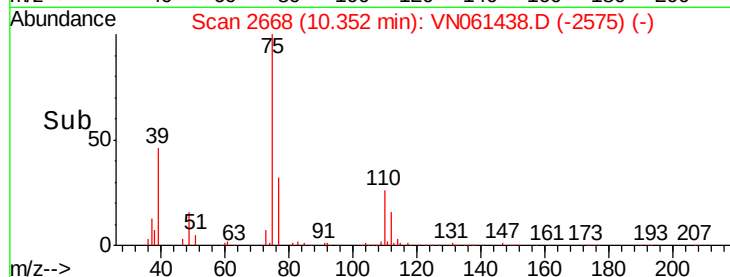
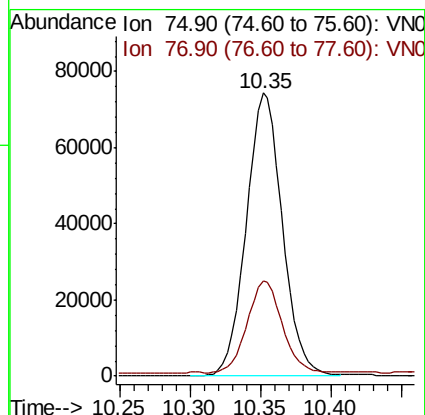
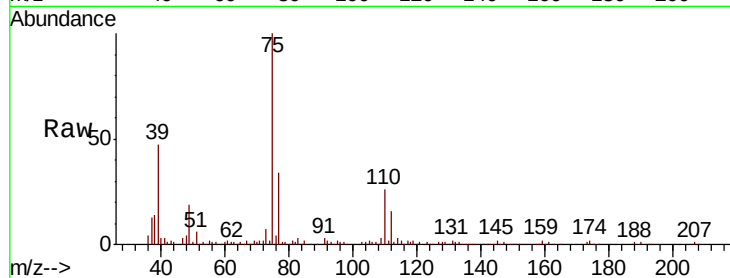
VN0518MBSD01

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

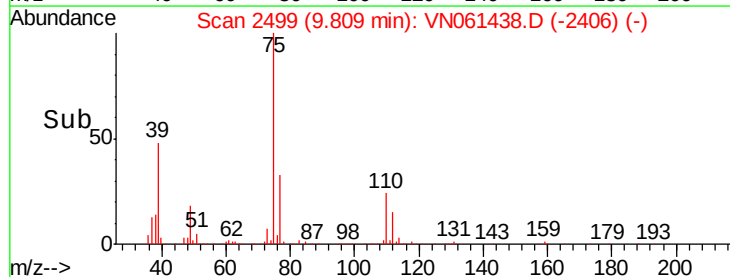
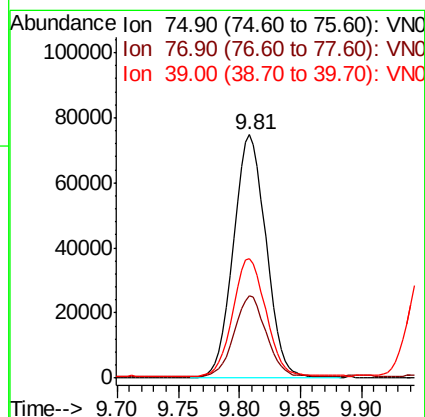
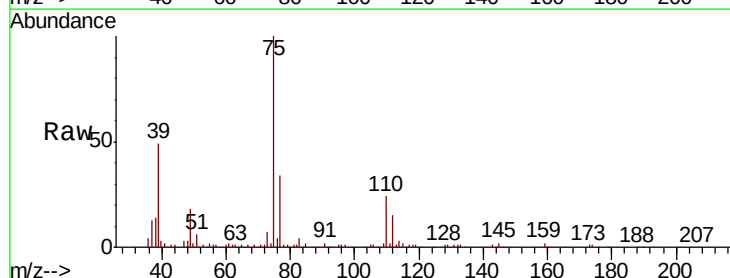
Tgt Ion: 75 Resp: 139707

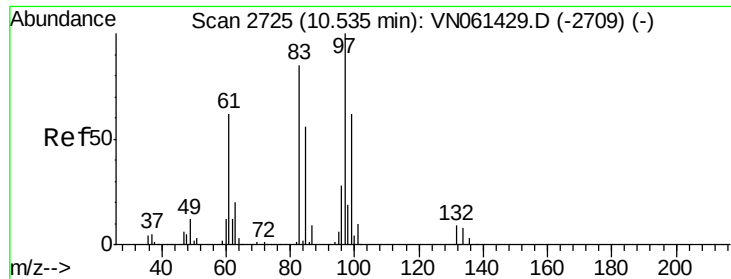
Ion Ratio Lower Upper

75 100

77 32.9 24.8 37.2

39 48.4 39.8 59.6

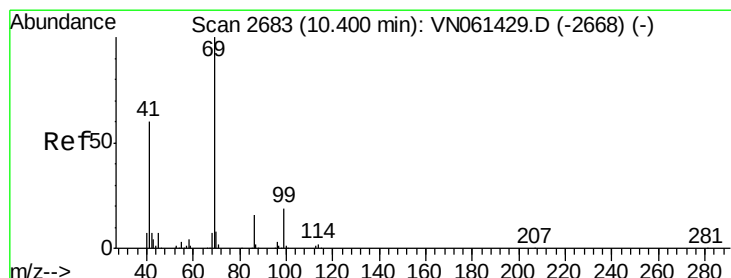
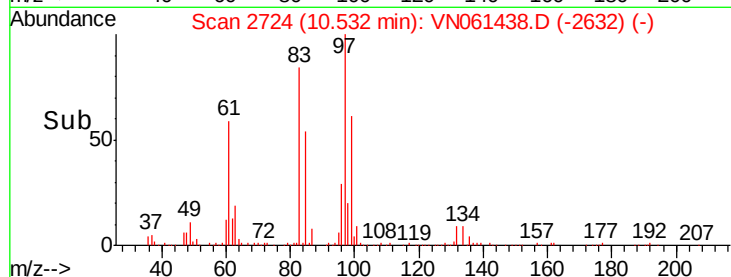
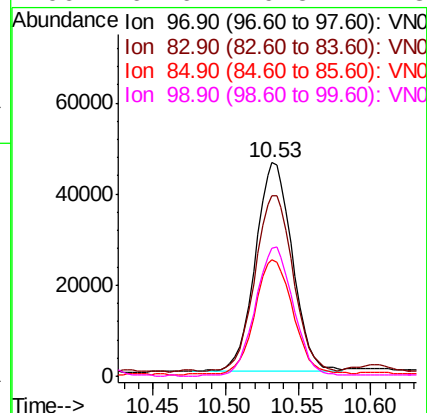
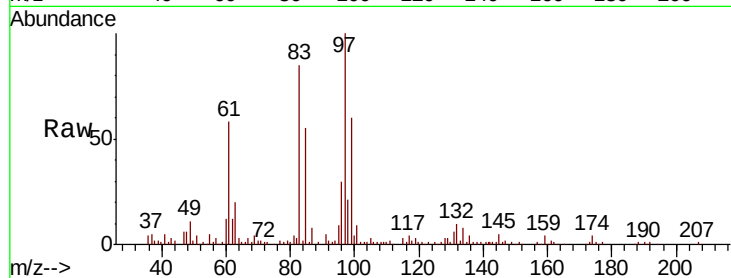




#55
 1,1,2-Trichloroethane
 Concen: 18.751 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN061438.D
 Acq: 18 May 2020 16:40

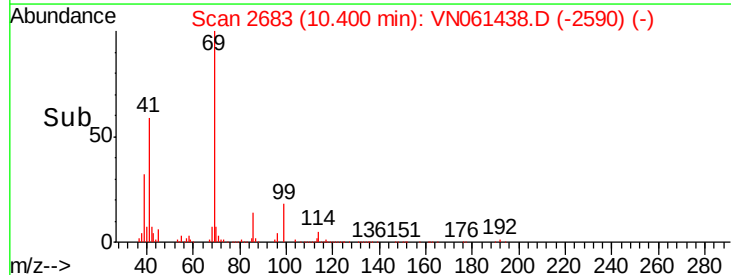
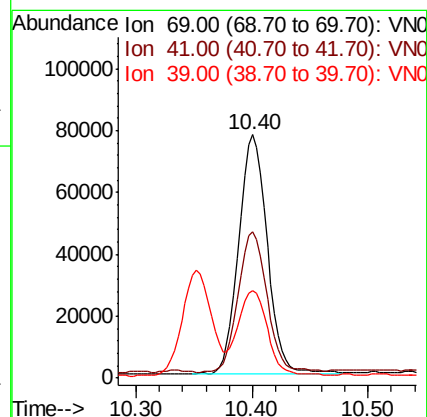
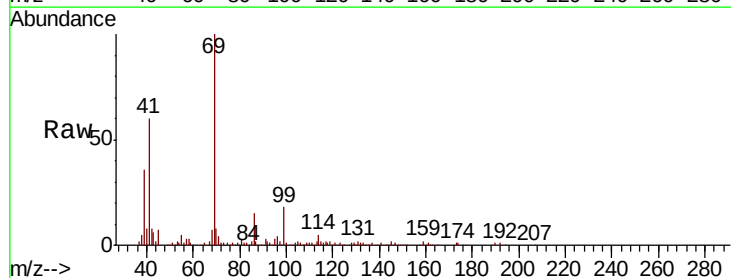
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0518MBSD01

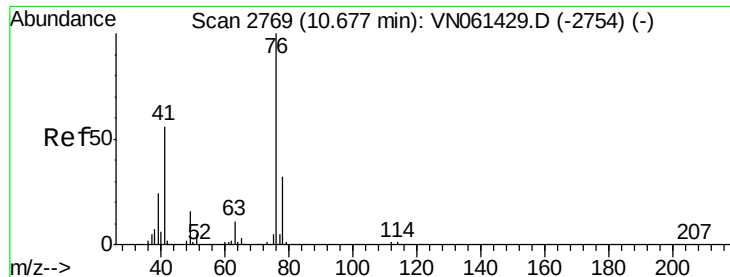
Tot Ion:	97	Resp:	81222
Ion	Ratio	Lower	Upper
97	100		
83	84.0	68.2	102.4
85	54.6	44.6	67.0
99	61.6	49.5	74.3



#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





#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

ClientSampleId :

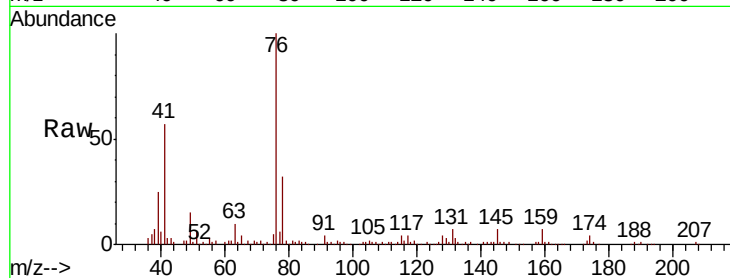
VN0518MBSD01

Tot Ion: 76 Resp: 141491

Ion Ratio Lower Upper

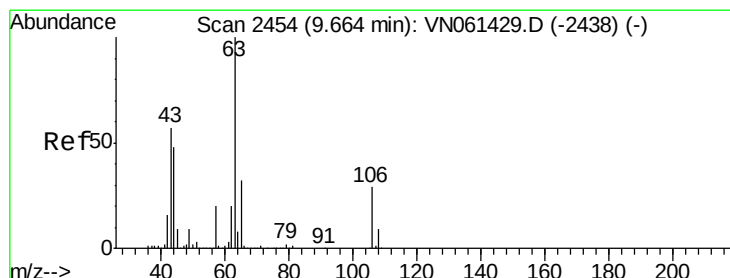
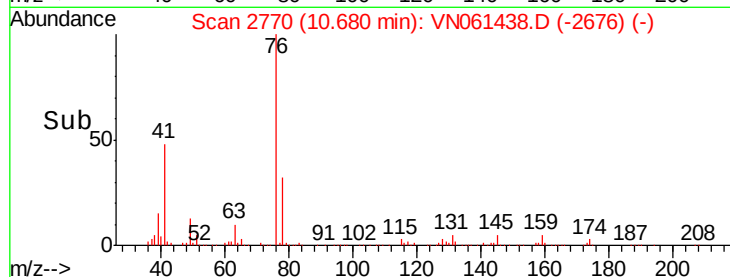
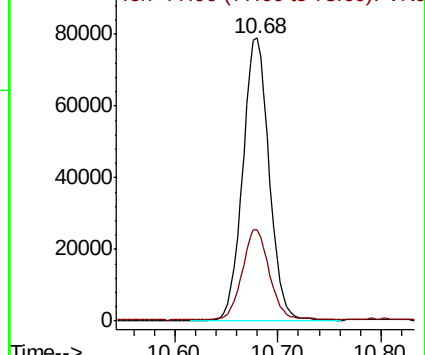
76 100

78 32.2 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#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

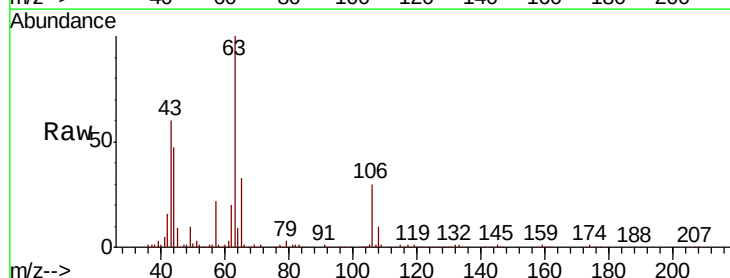
Acq: 18 May 2020 16:40

Tgt Ion: 63 Resp: 258862

Ion Ratio Lower Upper

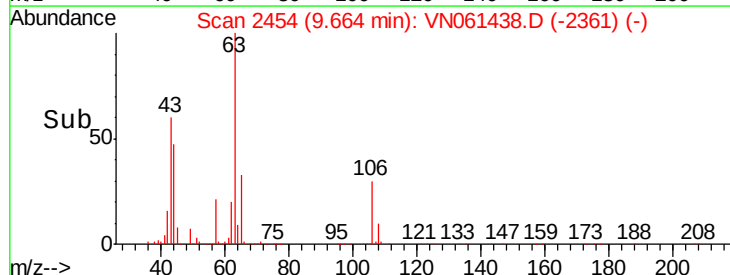
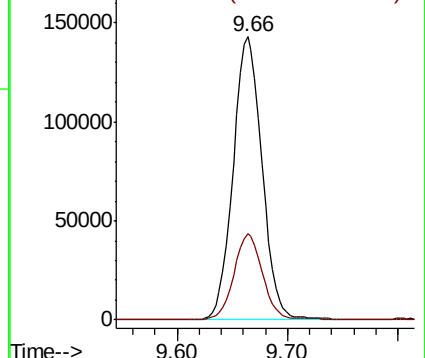
63 100

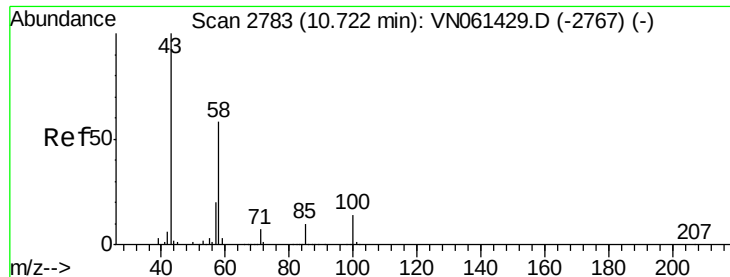
106 29.6 22.7 34.1



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V





#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

ClientSampleId :

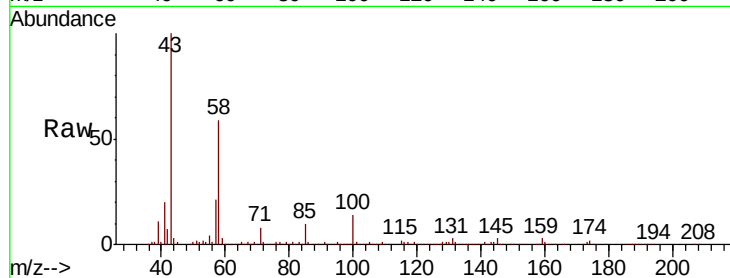
VN0518MBSD01

Tot Ion: 43 Resp: 324310

Ion Ratio Lower Upper

43 100

58 59.2 29.2 87.6



Abundance Ion 43.00 (42.70 to 43.70): VN061429.D (-2767) (-)

Ion 58.00 (57.70 to 58.70): VN061429.D (-2767) (-)

10.72

200000

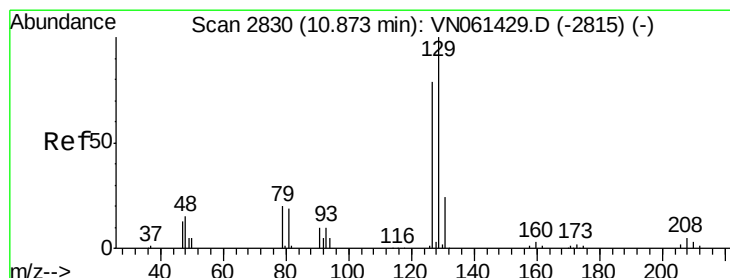
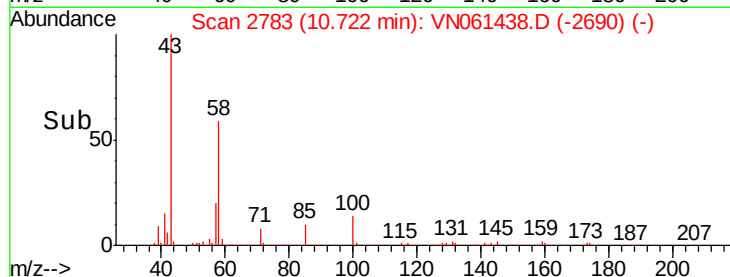
150000

100000

50000

0

Time-->



#60

Dibromochloromethane

Concen: 18.831 ug/l

RT: 10.87 min Scan# 2830

Delta R.T. 0.00 min

Lab File: VN061438.D

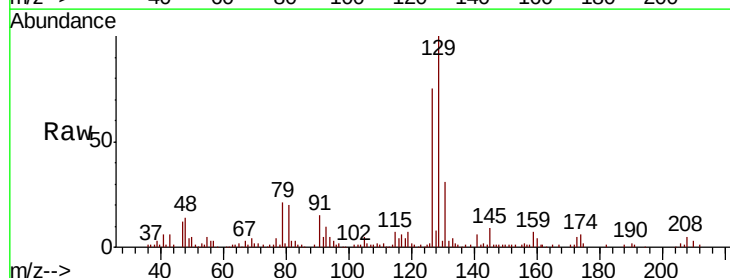
Acq: 18 May 2020 16:40

Tgt Ion: 129 Resp: 90226

Ion Ratio Lower Upper

129 100

127 77.9 38.8 116.3



Abundance Ion 128.80 (128.50 to 129.50): VN061429.D (-2815) (-)

Ion 126.80 (126.50 to 127.50): VN061429.D (-2815) (-)

10.87

60000

50000

40000

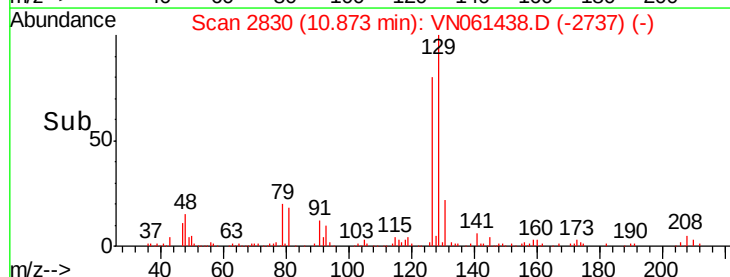
30000

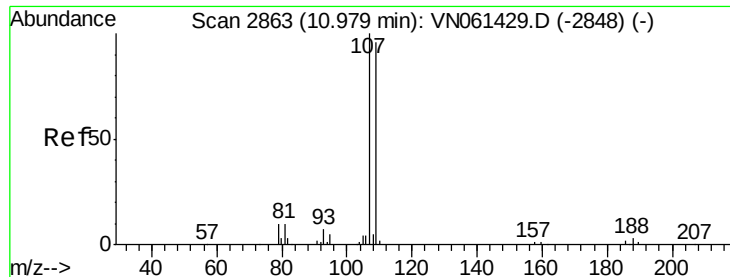
20000

10000

0

Time-->

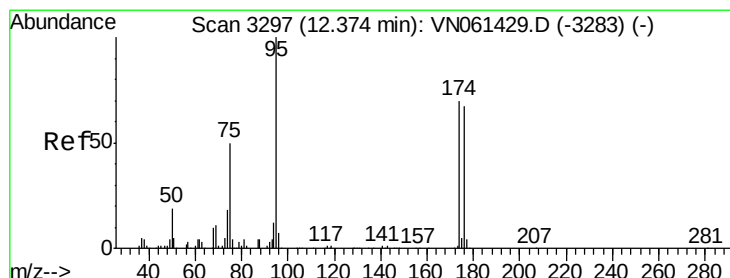
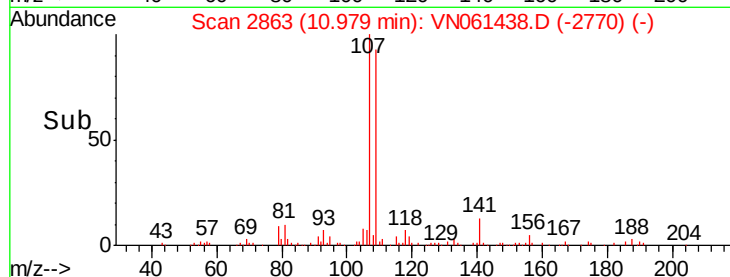
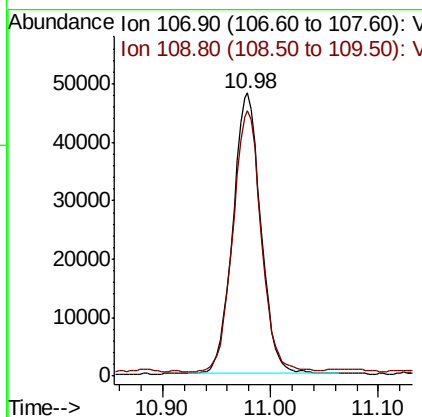
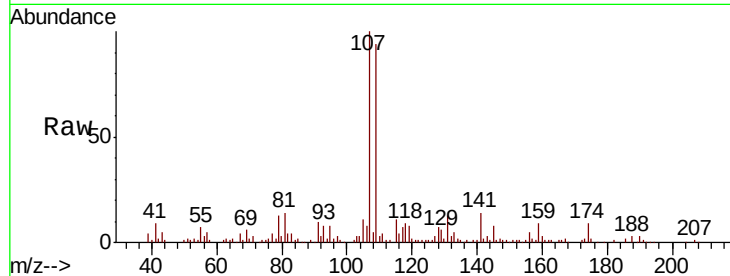




#61
 1,2-Dibromoethane
 Concen: 19.053 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN061438.D
 Acq: 18 May 2020 16:40

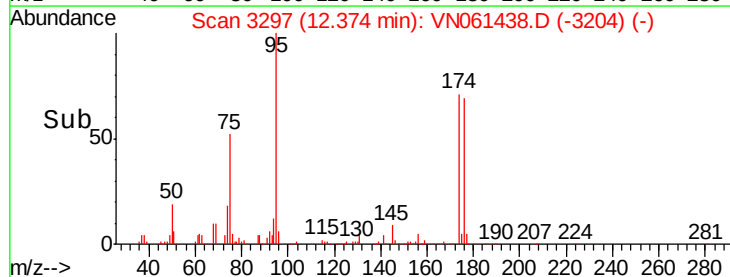
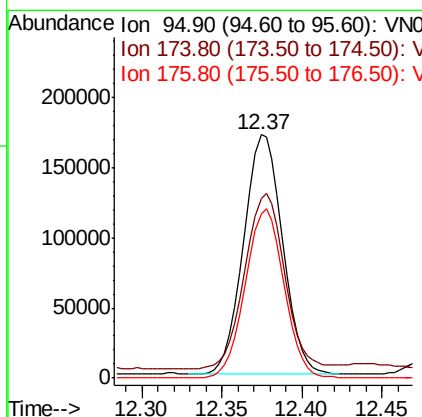
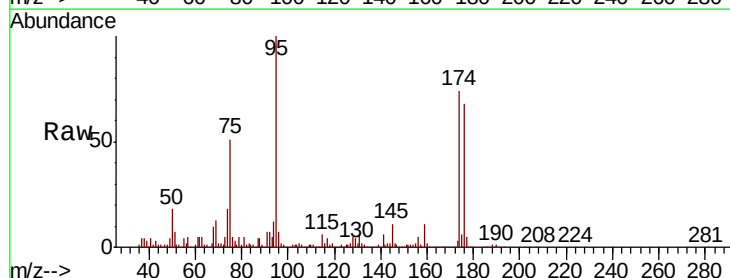
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0518MBSD01

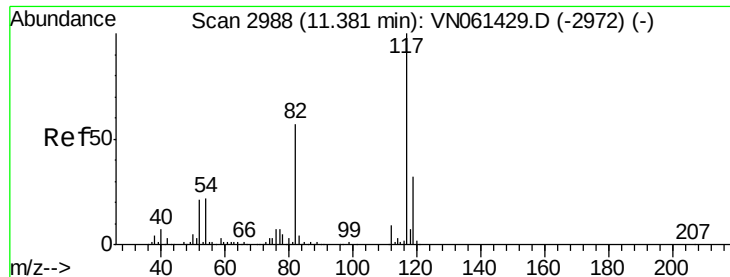
Tot Ion:107 Resp: 86774
 Ion Ratio Lower Upper
 107 100
 109 94.3 75.7 113.5



#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

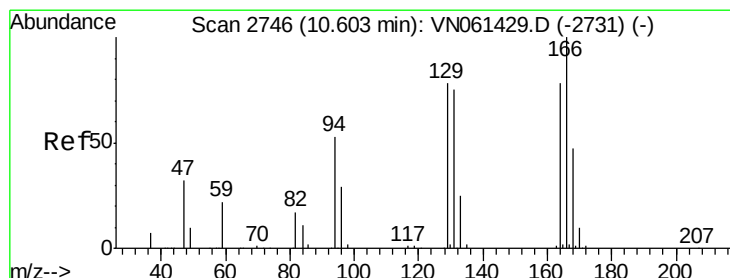
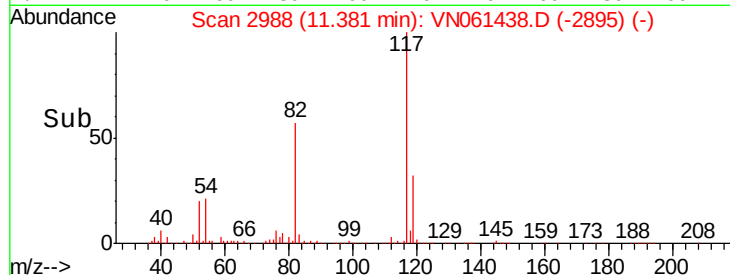
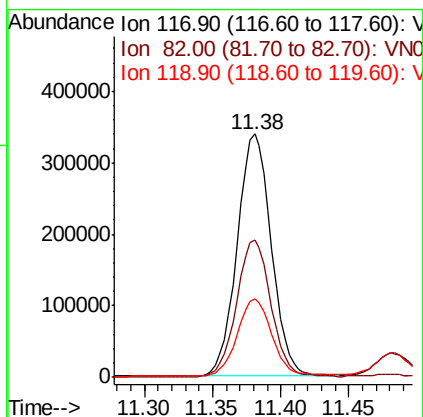
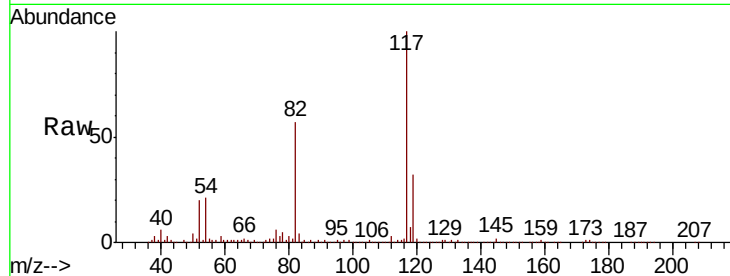




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061438.D
Acq: 18 May 2020 16:40

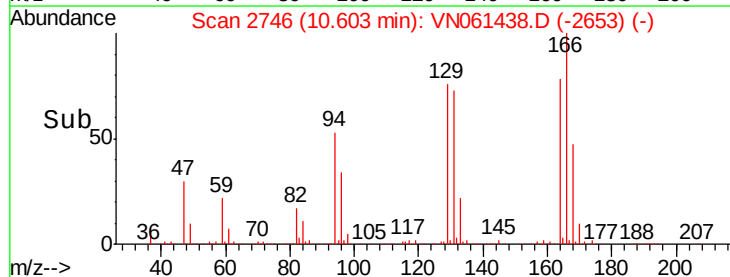
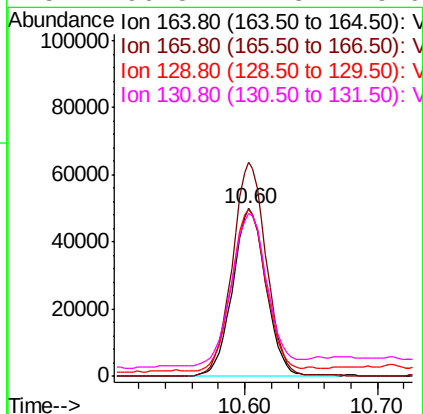
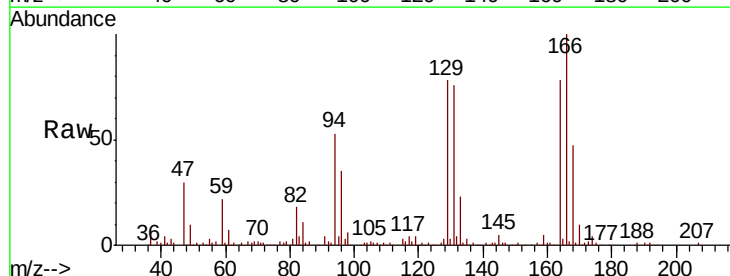
Instrument :
MSVOA_N
ClientSampleId :
VN0518MBSD01

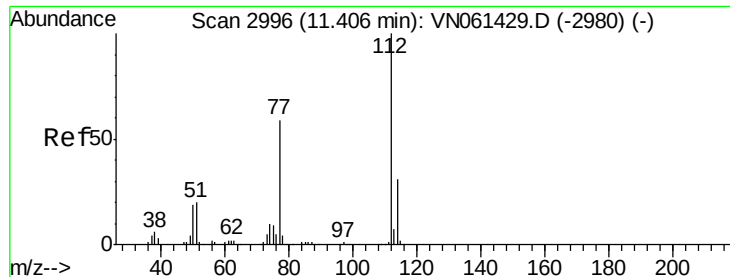
Tot Ion:117 Resp: 585925
Ion Ratio Lower Upper
117 100
82 56.6 45.2 67.8
119 31.9 25.3 37.9



#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

ClientSampleId :

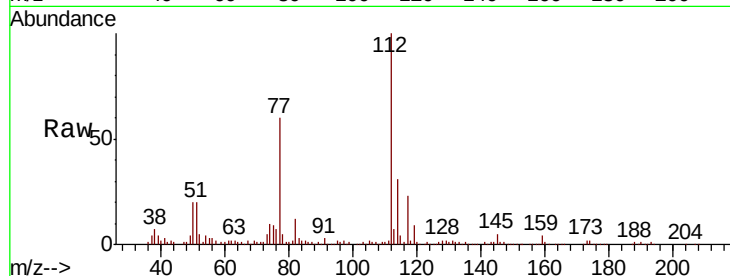
VN0518MBSD01

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

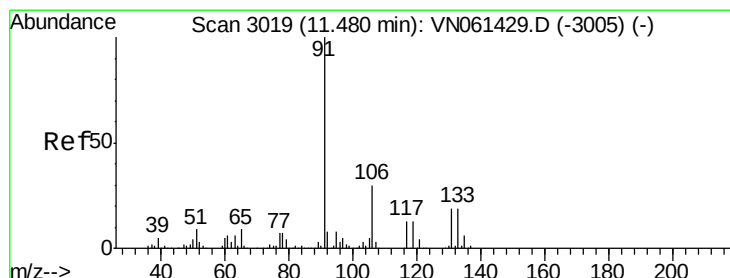
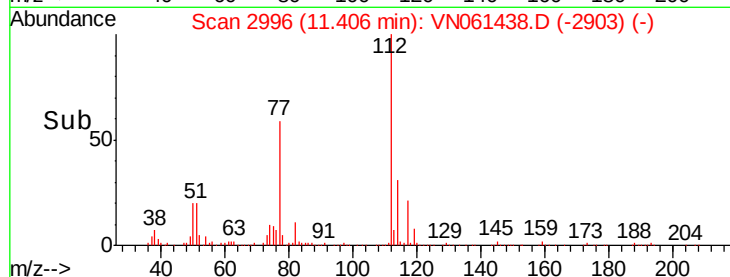
150000

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

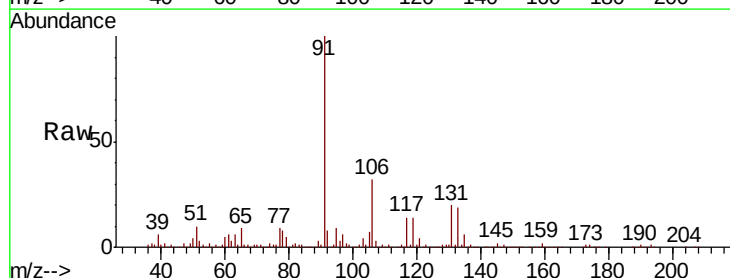
Tgt Ion:131 Resp: 77584

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

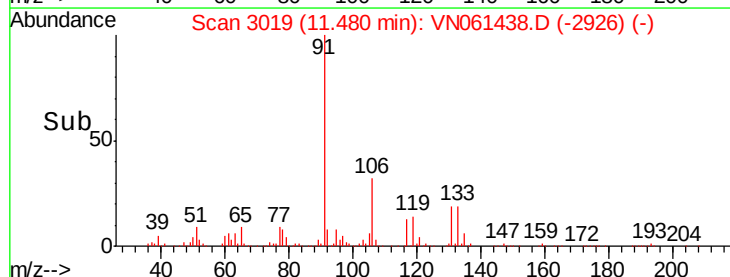
30000

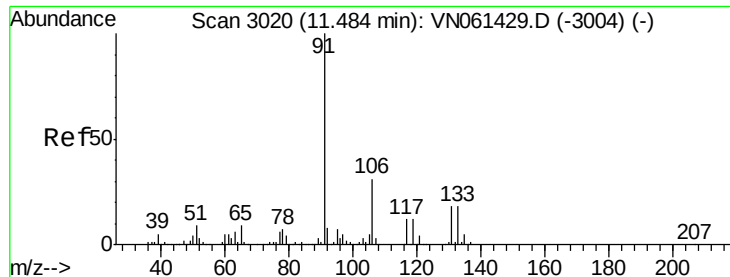
20000

10000

0

Time-->

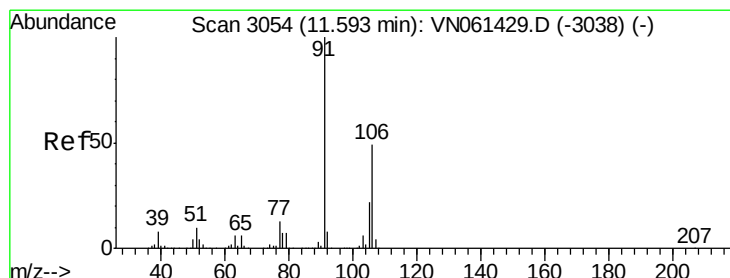
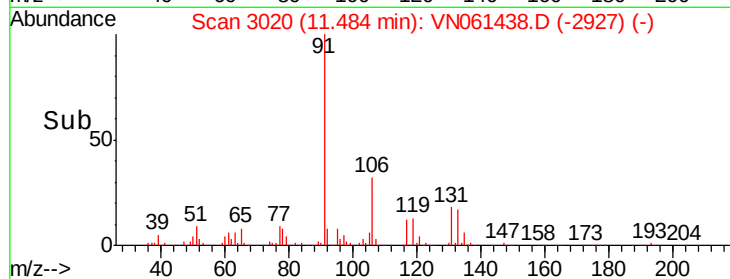
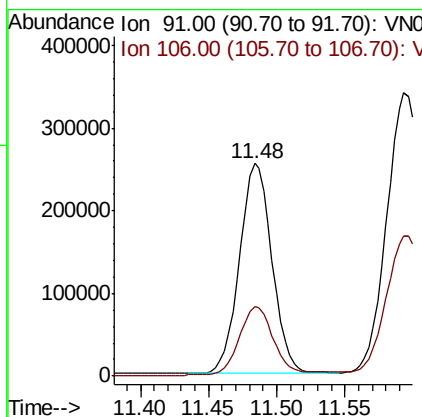
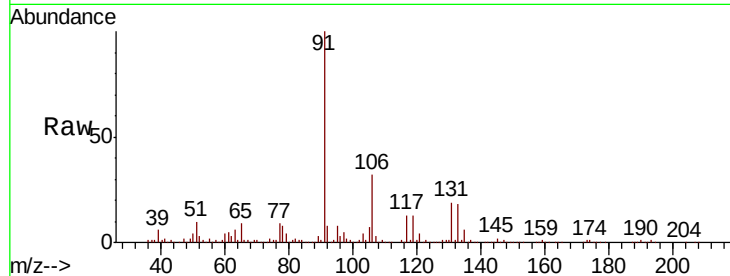




#67
Ethyl Benzene
Concen: 19.343 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN061438.D
Acq: 18 May 2020 16:40

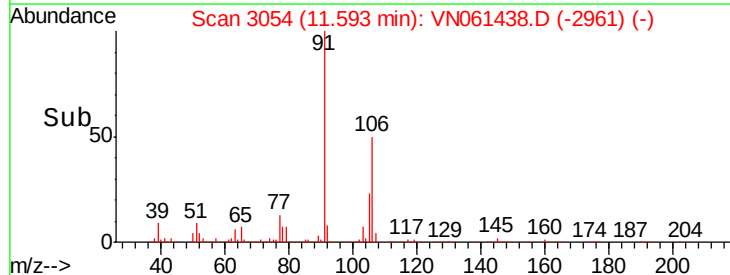
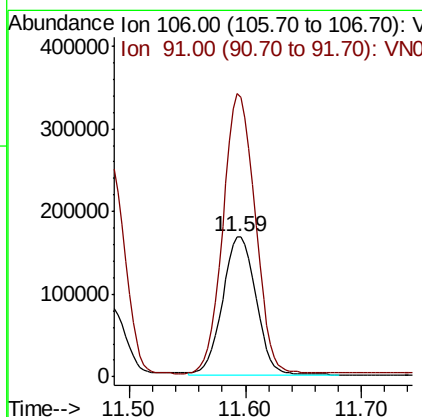
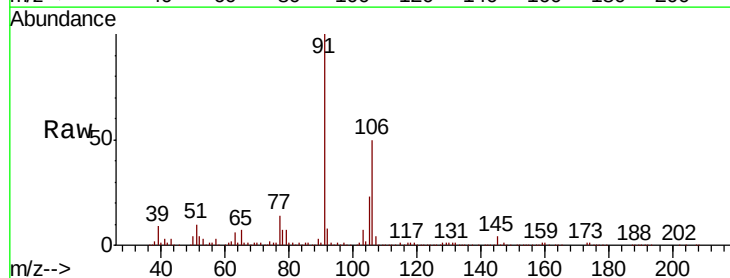
Instrument :
MSVOA_N
ClientSampleId :
VN0518MBSD01

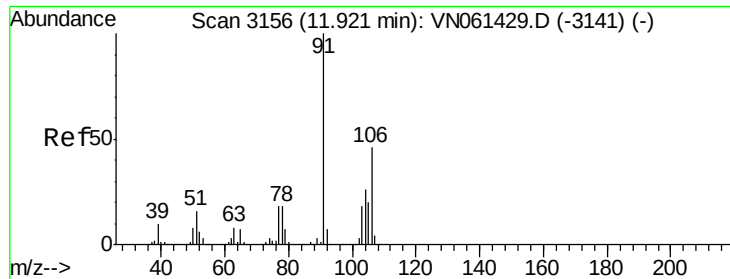
Tot Ion: 91 Resp: 421879
Ion Ratio Lower Upper
91 100
106 32.2 24.6 36.8



#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

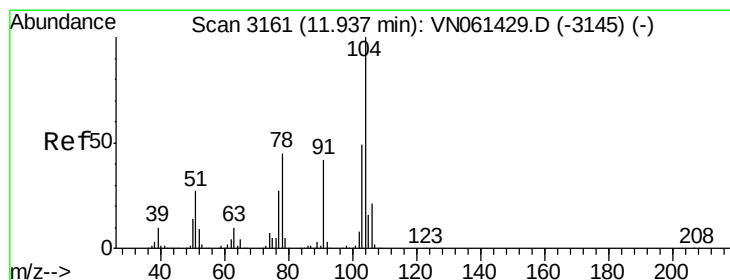
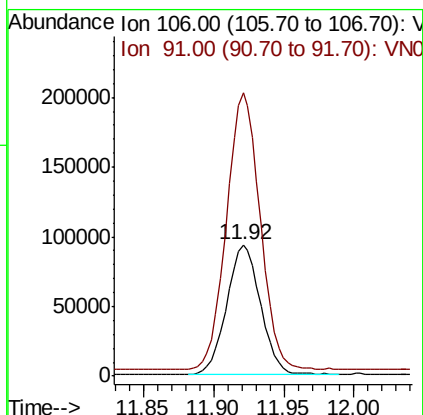
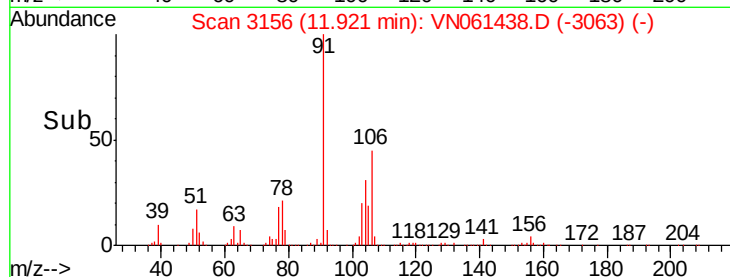
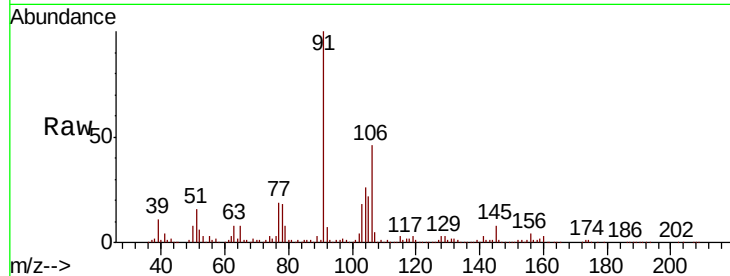




#69
o-Xylene
Concen: 19.389 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN061438.D
Acq: 18 May 2020 16:40

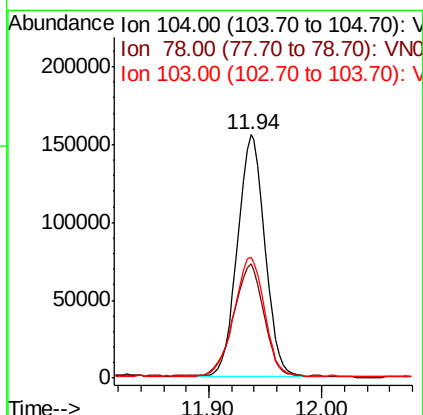
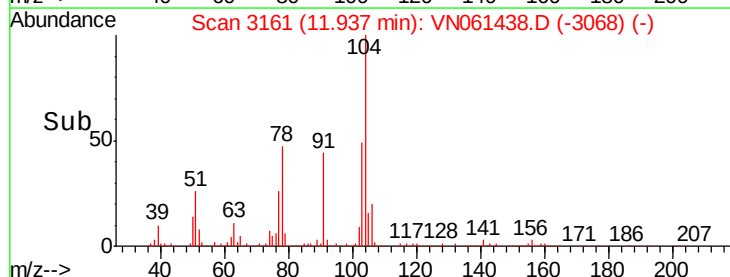
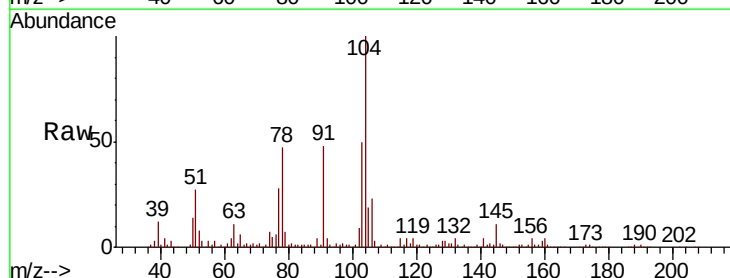
Instrument :
MSVOA_N
ClientSampleId :
VN0518MBSD01

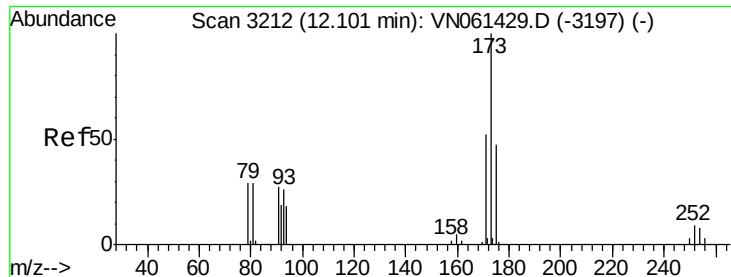
Tot Ion:106 Resp: 155333
Ion Ratio Lower Upper
106 100
91 211.9 107.9 323.7



#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

ClientSampleId :

VN0518MBSD01

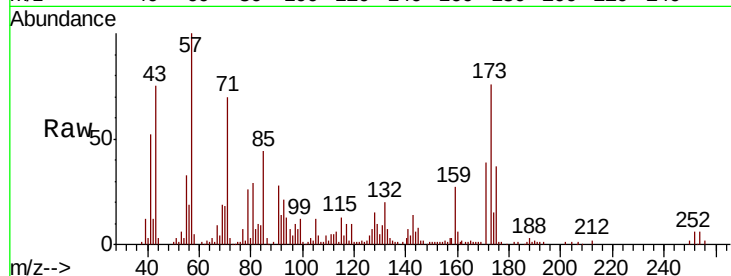
Tot Ion:173 Resp: 58993

Ion Ratio Lower Upper

173 100

175 48.6 23.9 71.8

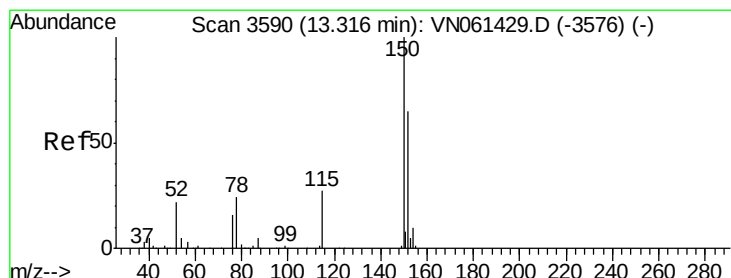
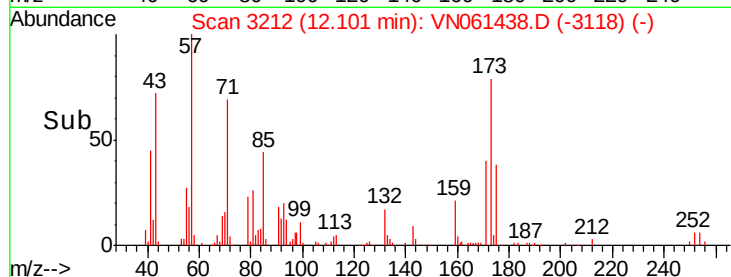
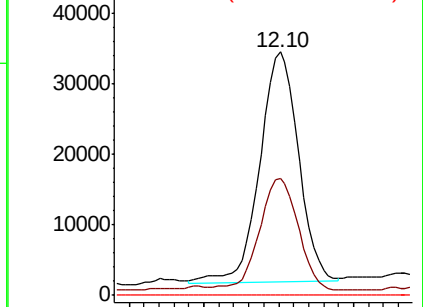
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3590

Delta R.T. 0.00 min

Lab File: VN061438.D

Acq: 18 May 2020 16:40

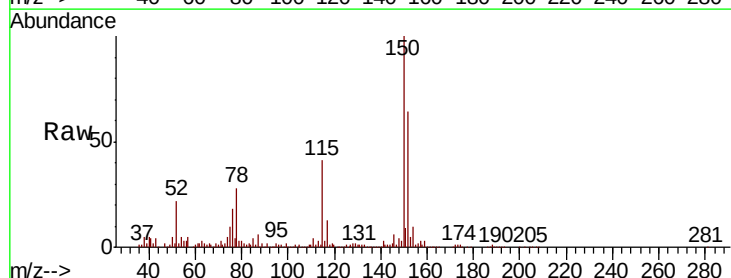
Tgt Ion:152 Resp: 286298

Ion Ratio Lower Upper

152 100

115 62.0 30.9 92.5

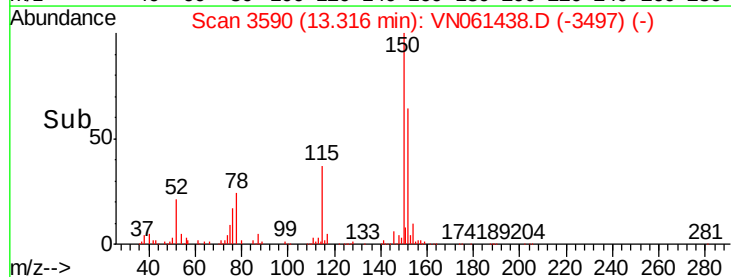
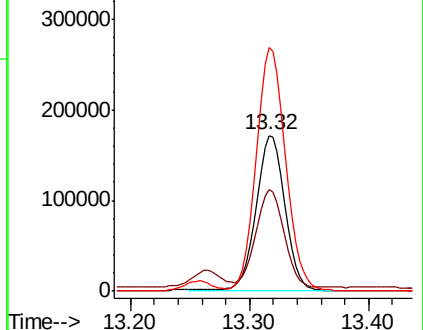
150 160.1 0.0 349.2

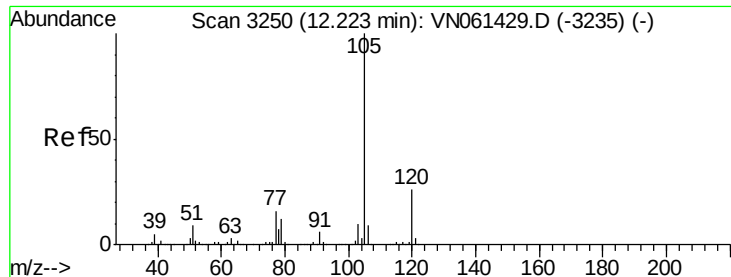


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.216 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

ClientSampleId :

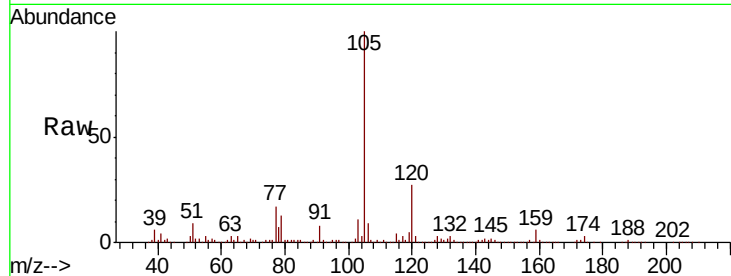
VN0518MBSD01

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

300000

250000

200000

150000

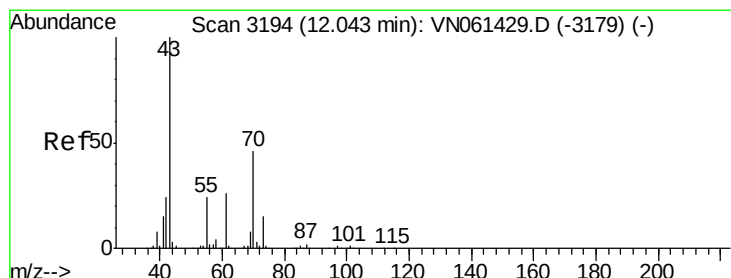
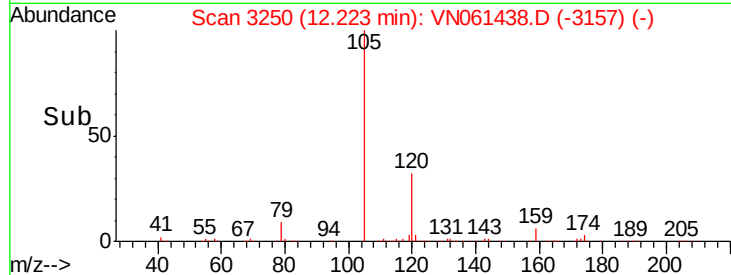
100000

50000

0

12.15 12.20 12.25 12.30

Time-->



#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

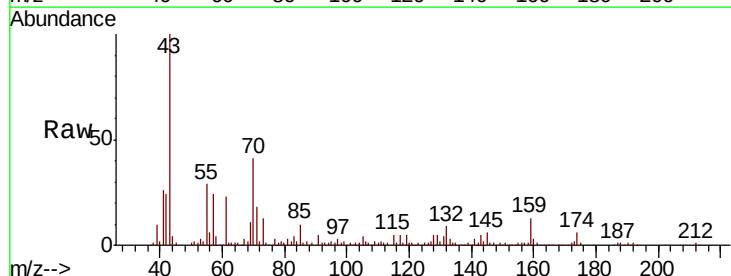
Ion Ratio Lower Upper

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

150000

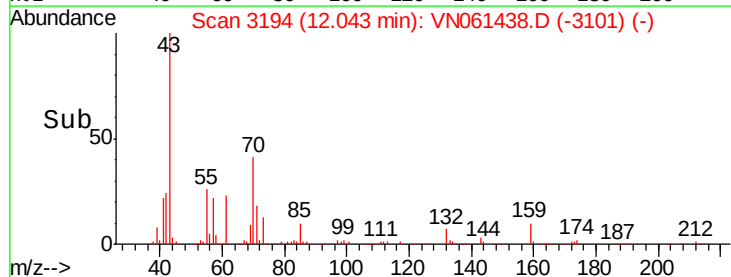
100000

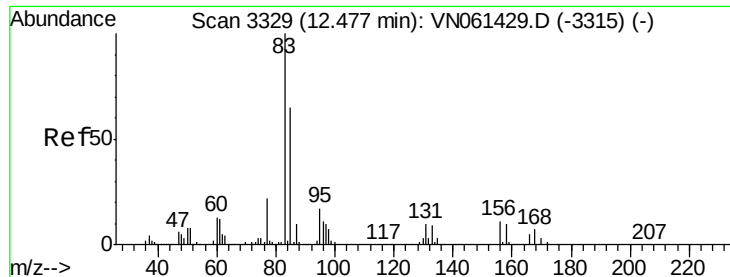
50000

0

11.95 12.00 12.05 12.10

Time-->





#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

ClientSampleId :

VN0518MBSD01

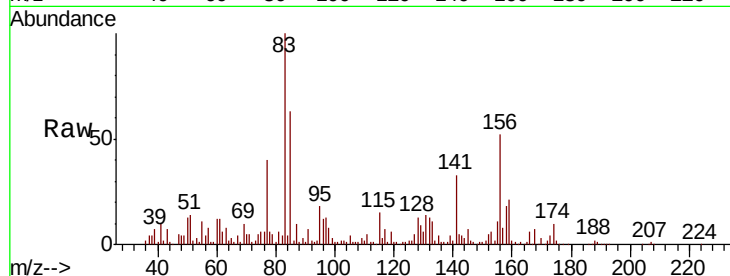
Tot Ion: 83 Resp: 117572

Ion Ratio Lower Upper

83 100

131 15.2 4.8 14.4#

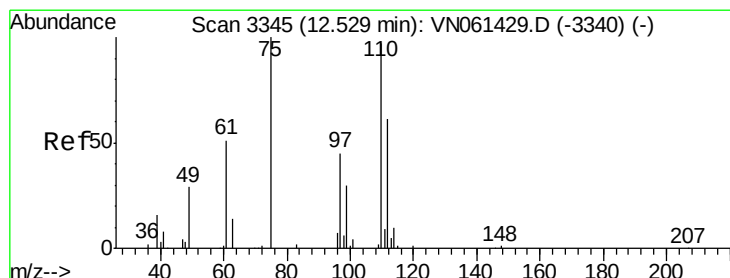
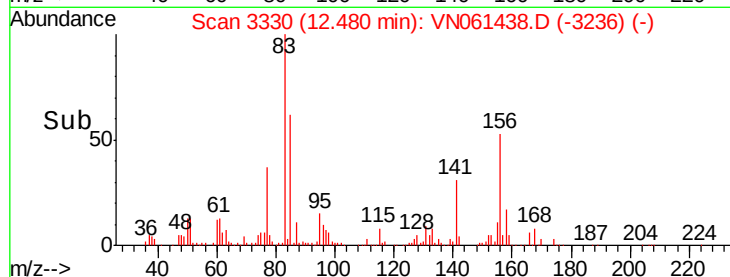
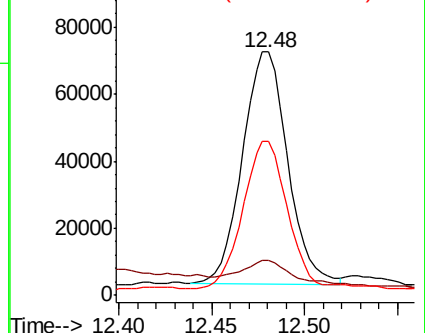
85 61.9 32.1 96.5



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VN0



#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

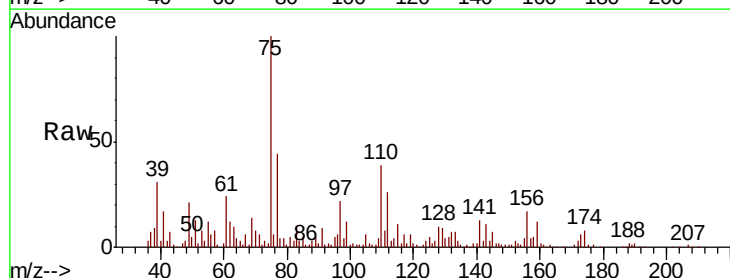
Acq: 18 May 2020 16:40

Tgt Ion: 75 Resp: 149335

Ion Ratio Lower Upper

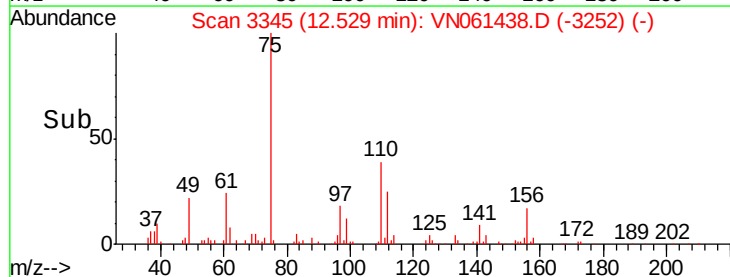
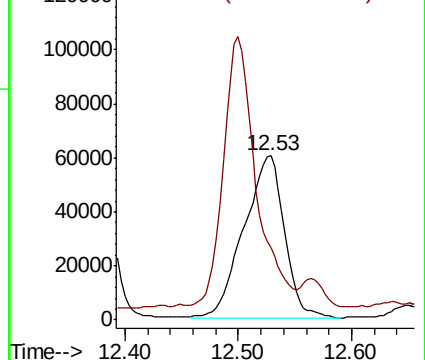
75 100

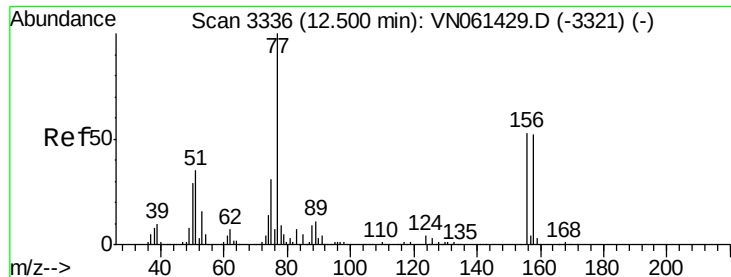
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#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 :

VN0518MBSD01

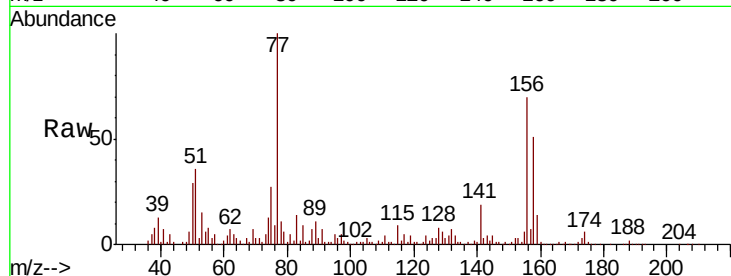
Tot Ion:156 Resp: 280104

Ion Ratio Lower Upper

156 100

77 70.9 112.3 336.9#

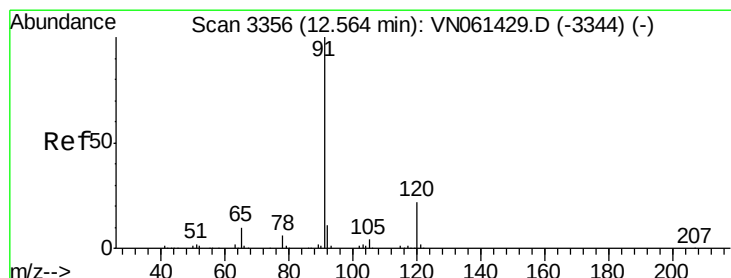
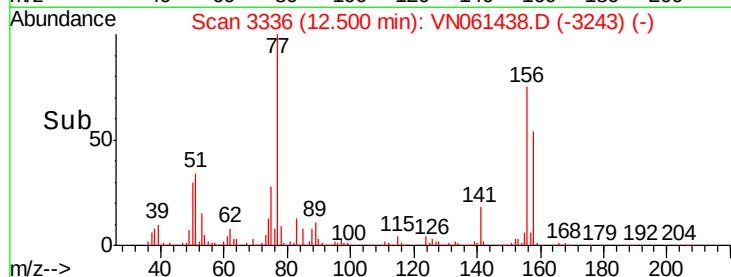
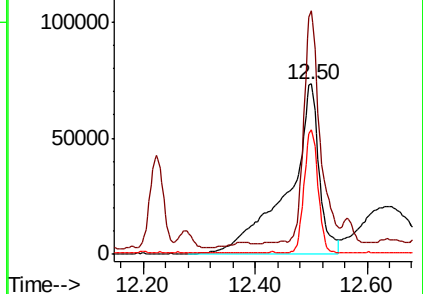
158 32.8 47.9 143.6#



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

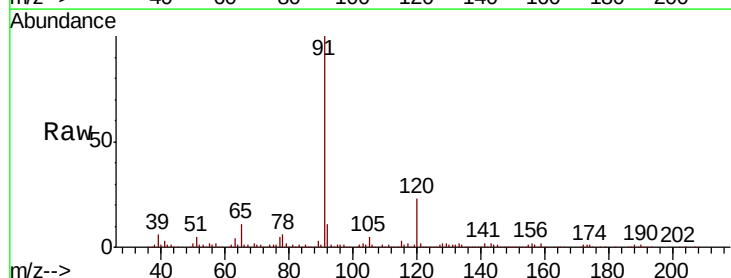
Acq: 18 May 2020 16:40

Tgt Ion: 91 Resp: 477205

Ion Ratio Lower Upper

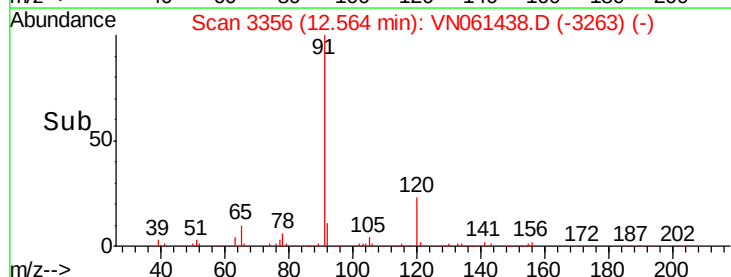
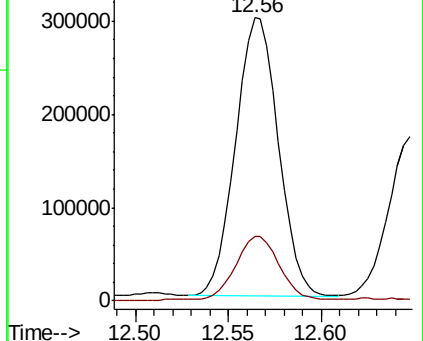
91 100

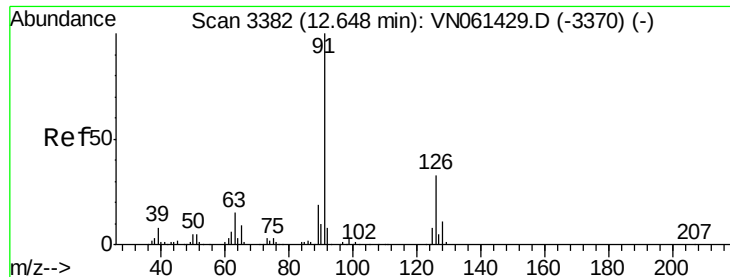
120 23.1 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

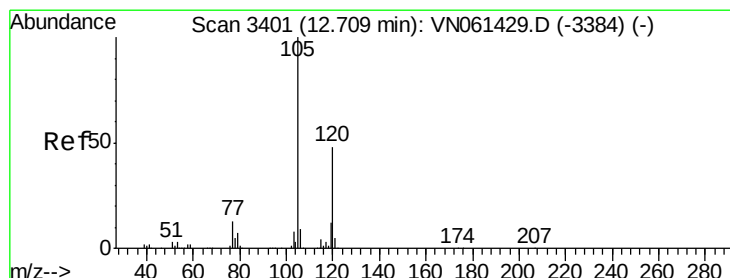
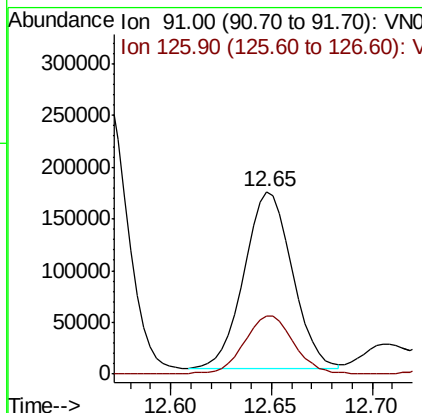
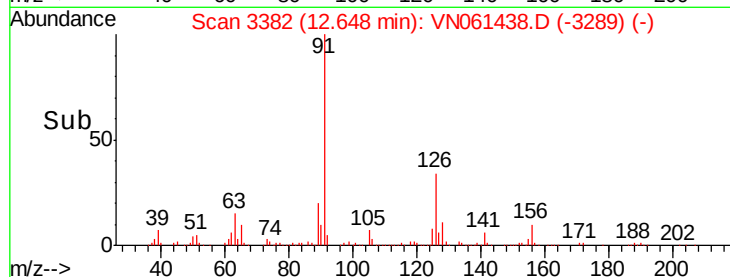
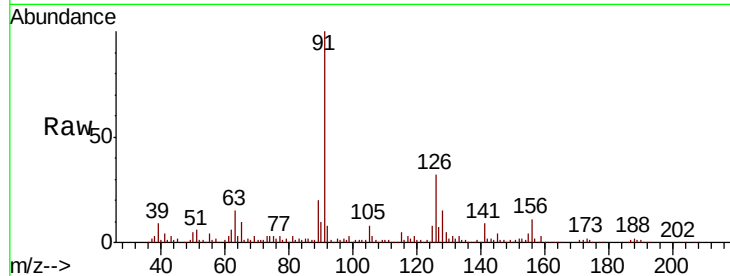




#79
 2-Chlorotoluene
 Concen: 18.573 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. 0.00 min
 Lab File: VN061438.D
 Acq: 18 May 2020 16:40

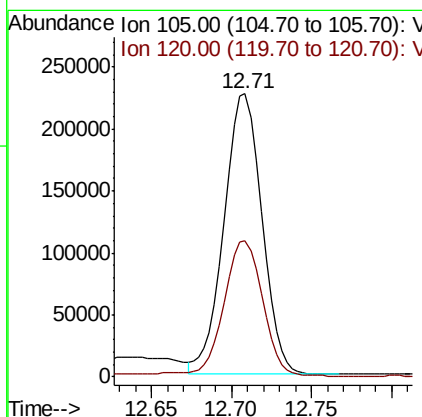
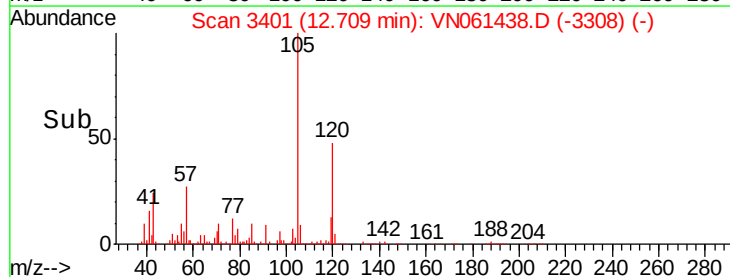
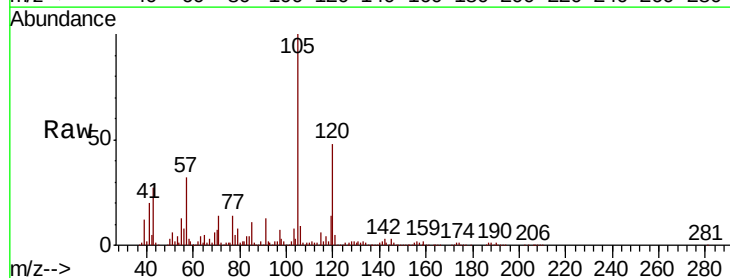
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0518MBSD01

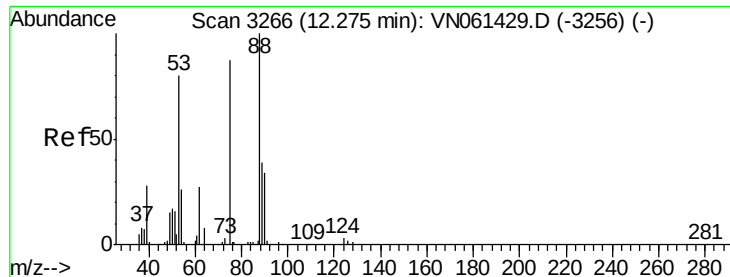
Tot Ion: 91 Resp: 287495
 Ion Ratio Lower Upper
 91 100
 126 32.3 16.3 48.9



#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 :

VN0518MBSD01

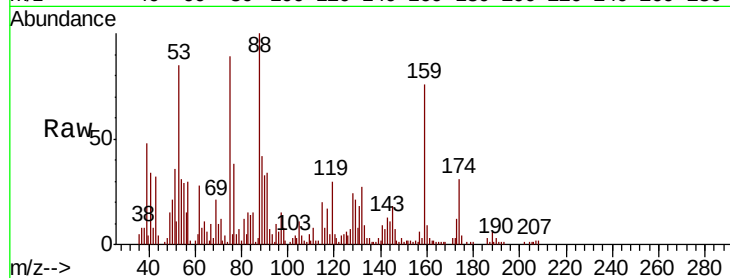
Tot Ion: 75 Resp: 38714

Ion Ratio Lower Upper

75 100

53 94.4 75.2 112.8

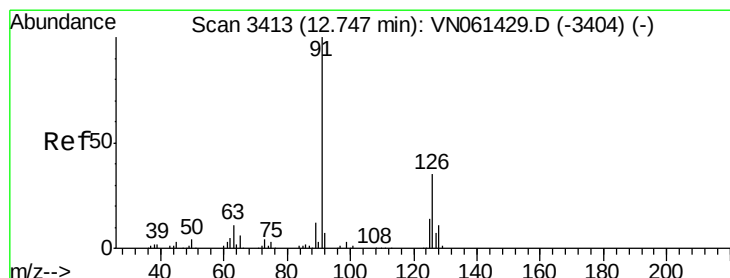
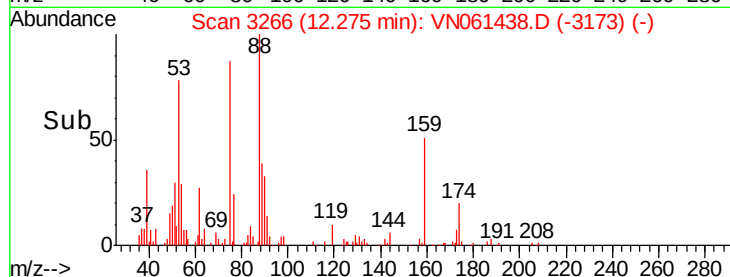
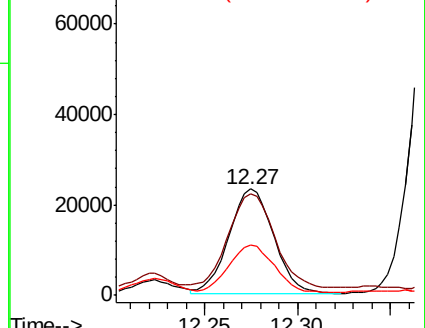
89 45.4 38.2 57.4



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

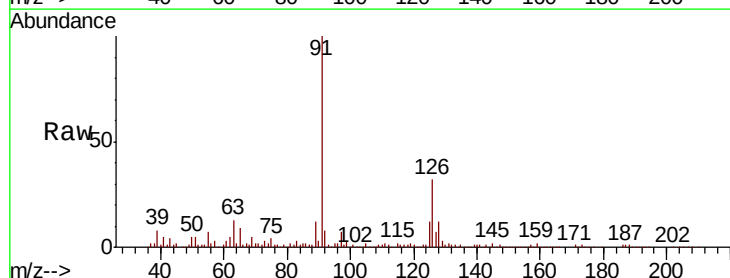
Acq: 18 May 2020 16:40

Tgt Ion: 91 Resp: 286691

Ion Ratio Lower Upper

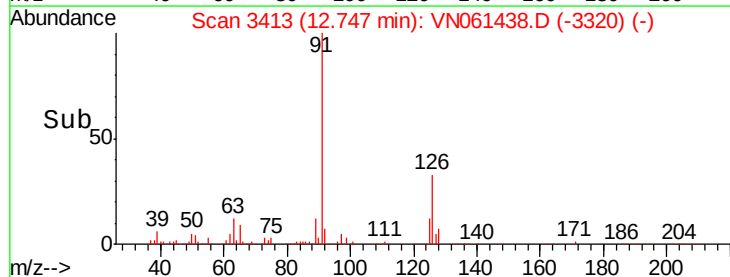
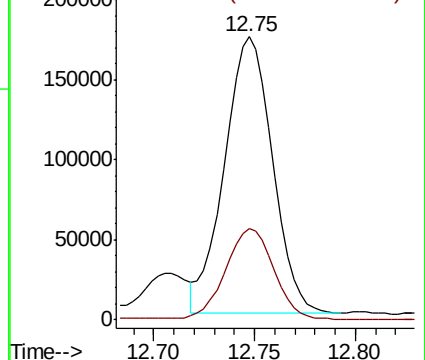
91 100

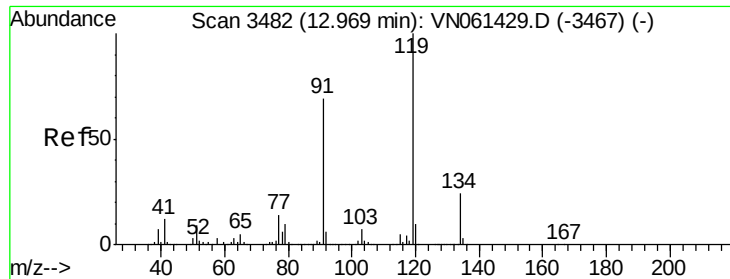
126 32.7 16.1 48.2



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

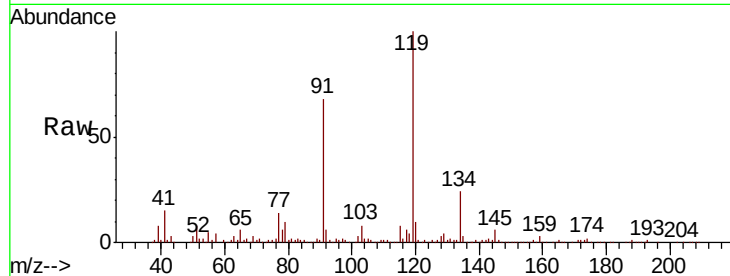




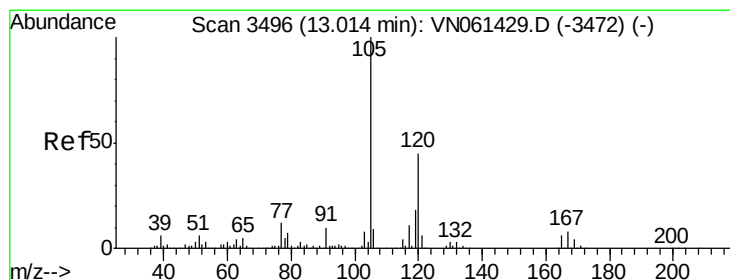
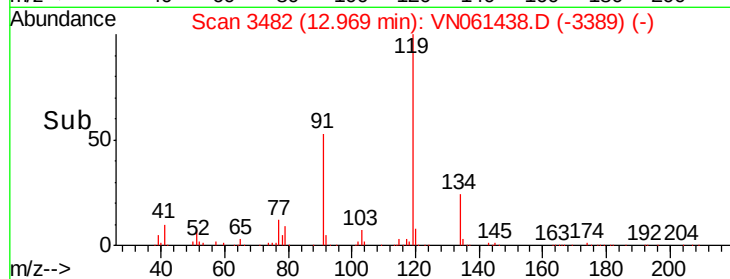
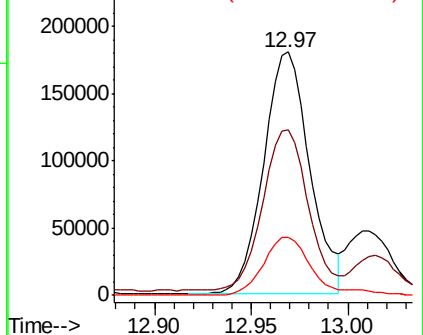
#83
tert-Butylbenzene
Concen: 18.550 ug/l
RT: 12.97 min Scan# 3482
Delta R.T. 0.00 min
Lab File: VN061438.D
Acq: 18 May 2020 16:40

Instrument :
MSVOA_N
ClientSampleId :
VN0518MBSD01

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

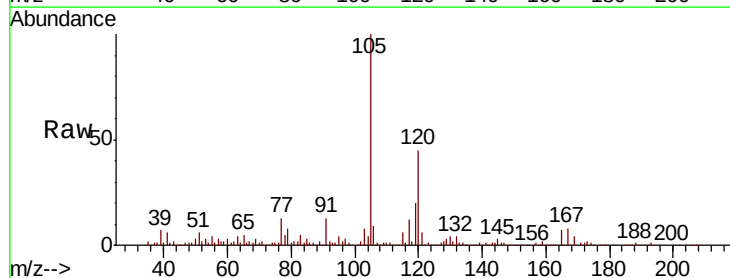


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

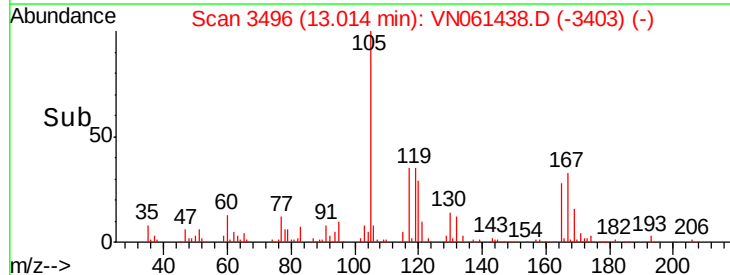
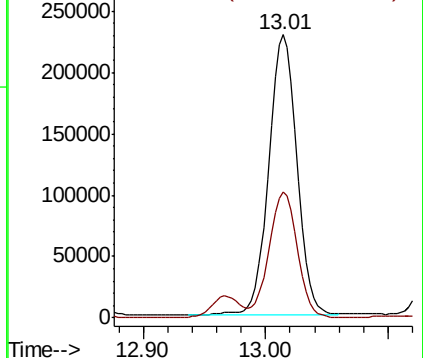


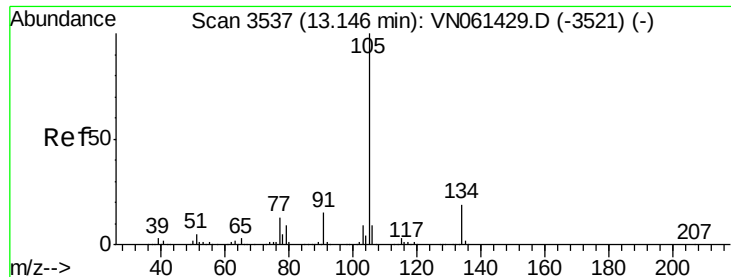
#84
1,2,4-Trimethylbenzene
Concen: 19.662 ug/l
RT: 13.01 min Scan# 3496
Delta R.T. 0.00 min
Lab File: VN061438.D
Acq: 18 May 2020 16:40

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

ClientSampleId :

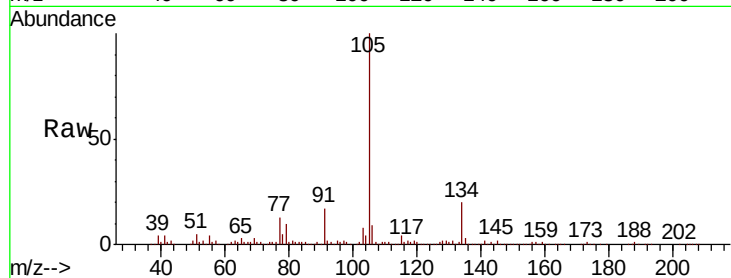
VN0518MBSD01

Tot Ion:105 Resp: 392399

Ion Ratio Lower Upper

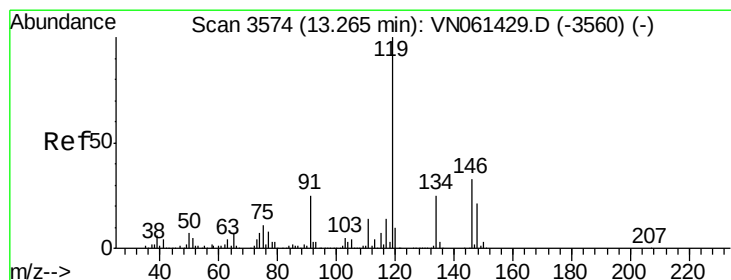
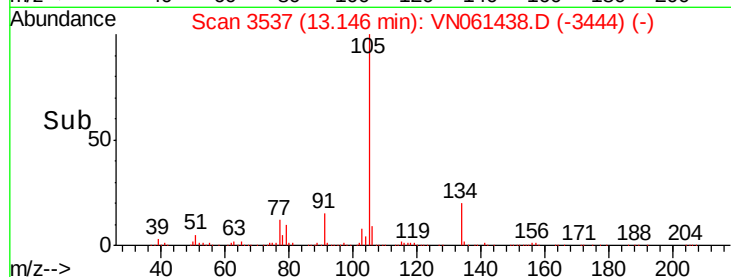
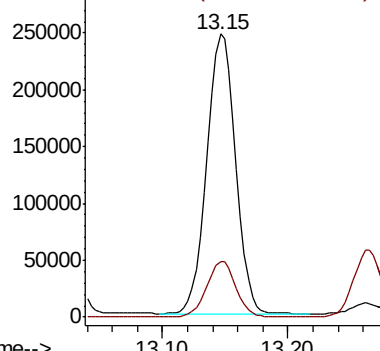
105 100

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



#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

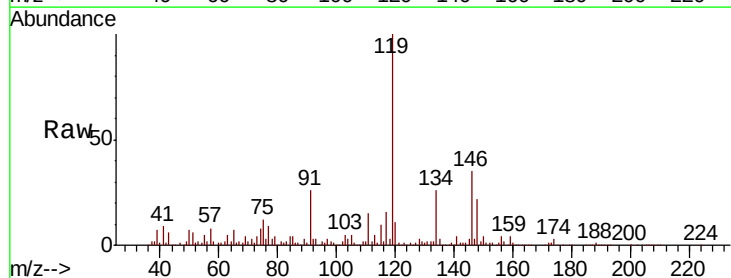
Tgt Ion:119 Resp: 366315

Ion Ratio Lower Upper

119 100

134 25.5 12.7 38.1

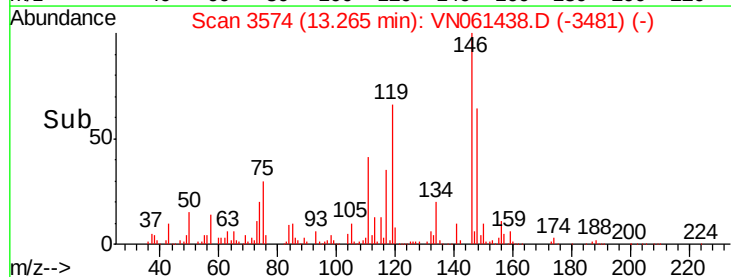
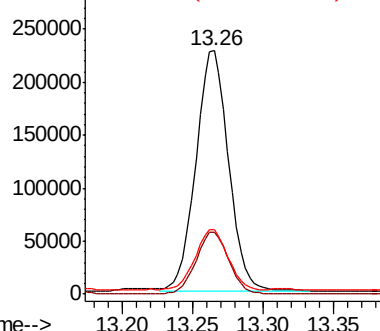
91 24.7 12.6 37.6

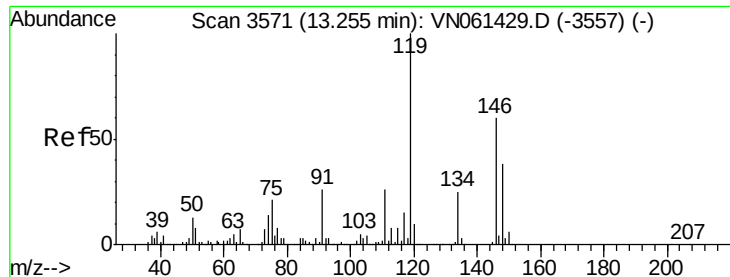


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

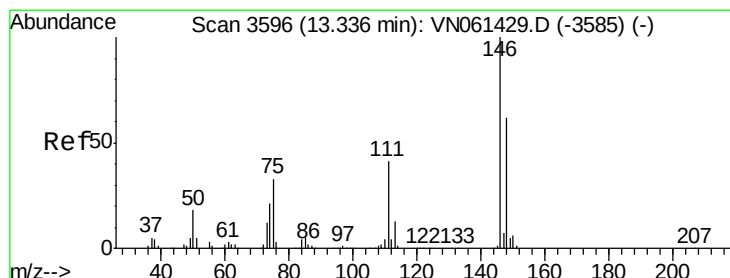
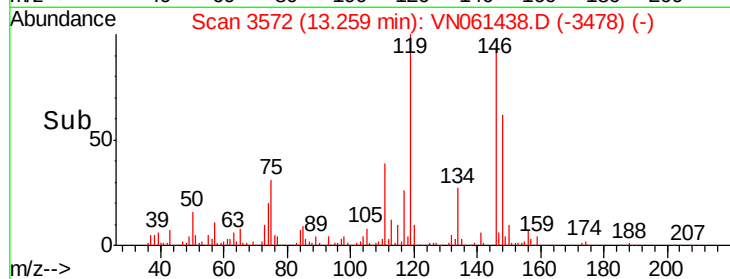
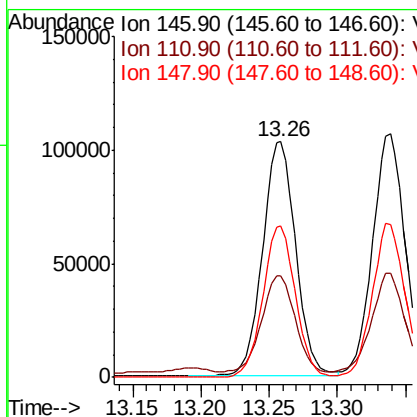
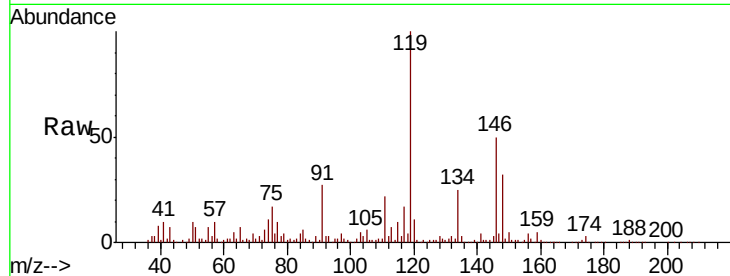




#87
 1,3-Dichlorobenzene
 Concen: 18.987 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN061438.D
 Acq: 18 May 2020 16:40

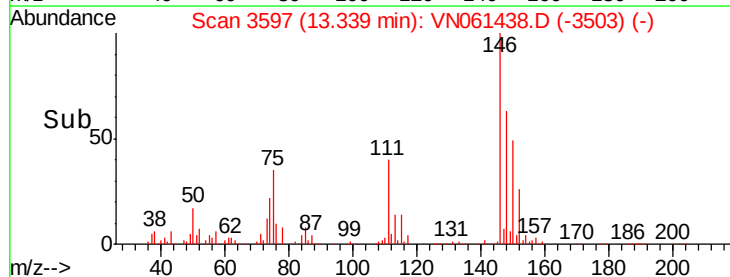
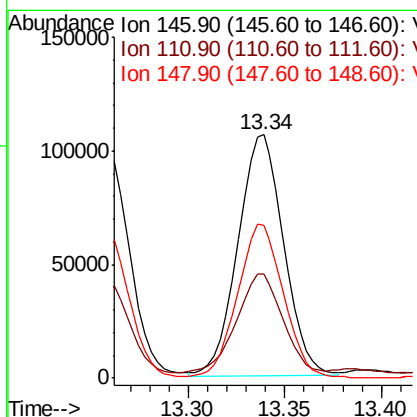
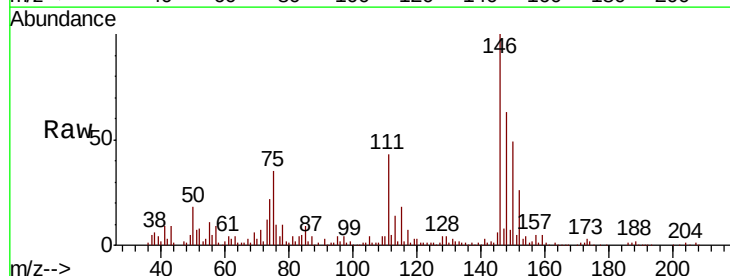
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0518MBSD01

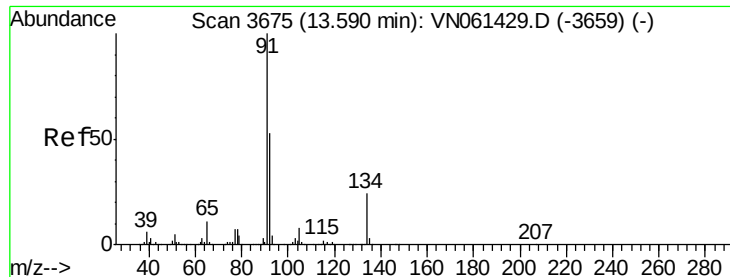
Tot Ion:146 Resp: 173328
 Ion Ratio Lower Upper
 146 100
 111 41.6 21.5 64.5
 148 63.1 31.8 95.3



#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

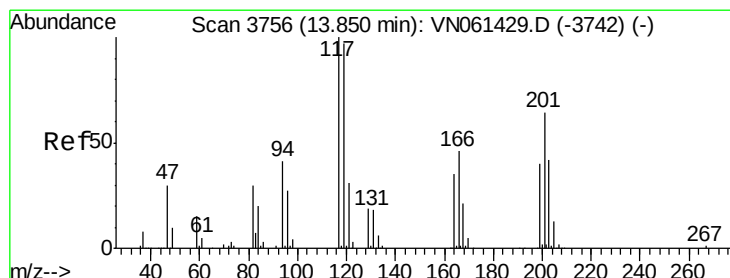
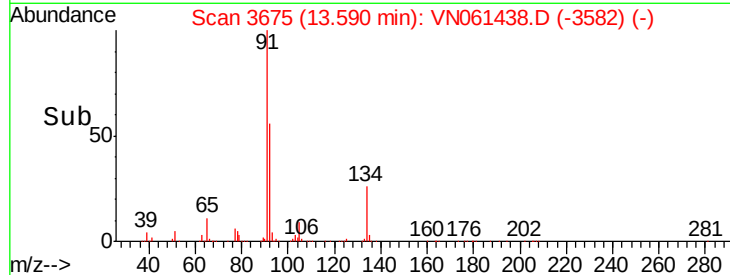
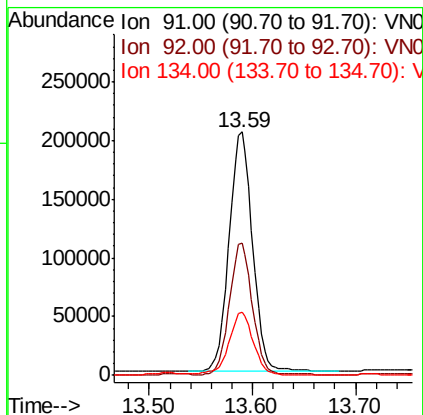
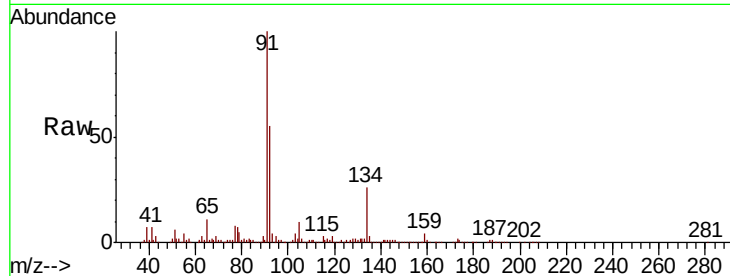




#89
n-Butylbenzene
Concen: 18.501 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN061438.D
Acq: 18 May 2020 16:40

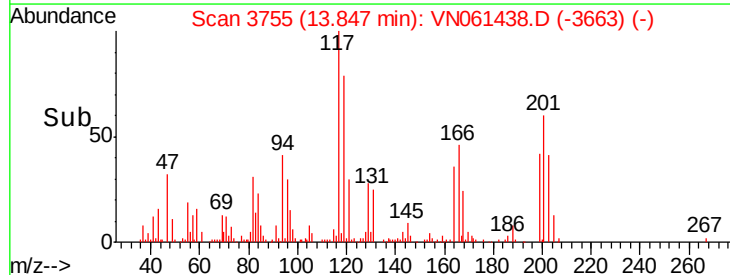
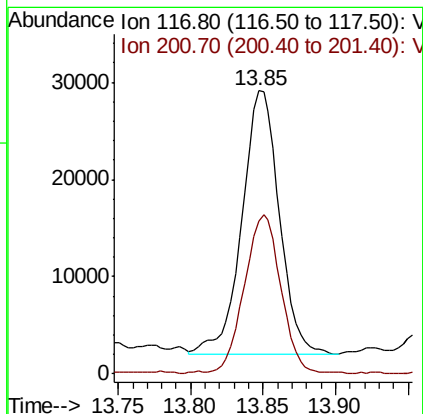
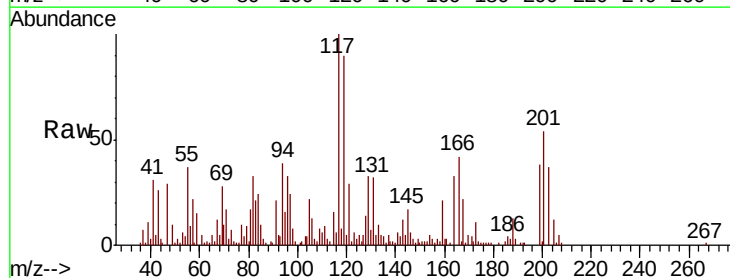
Instrument :
MSVOA_N
ClientSampled :
VN0518MBSD01

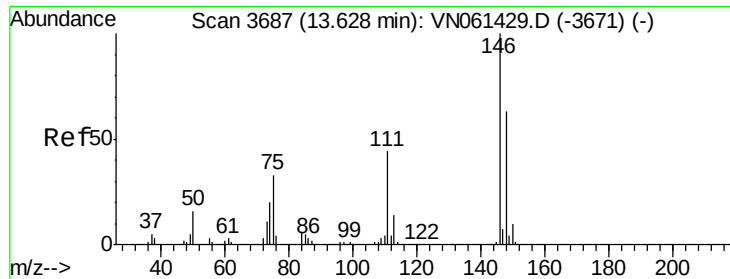
Tot Ion: 91 Resp: 325338
Ion Ratio Lower Upper
91 100
92 53.4 26.8 80.3
134 26.3 12.4 37.4



#90
Hexachloroethane
Concen: 18.613 ug/l
RT: 13.85 min Scan# 3756
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

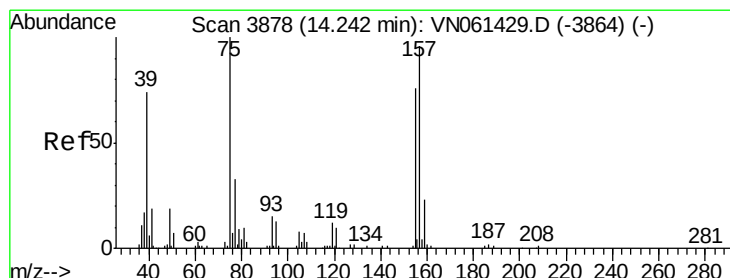
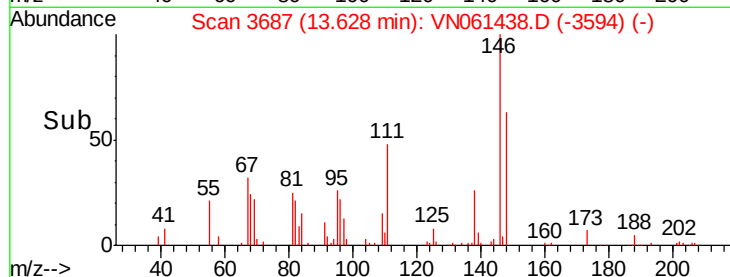
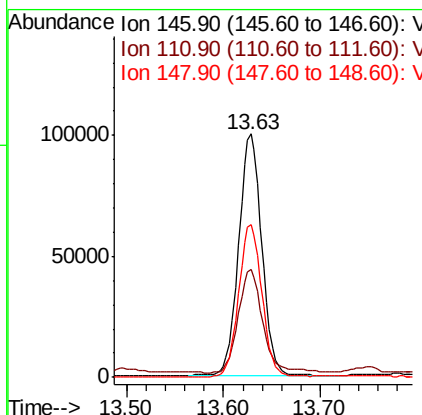
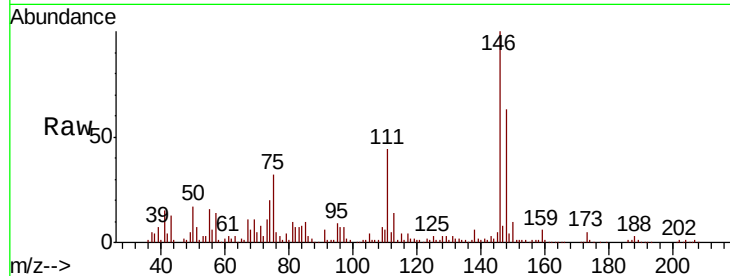




#91
 1,2-Dichlorobenzene
 Concen: 18.952 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. 0.00 min
 Lab File: VN061438.D
 Acq: 18 May 2020 16:40

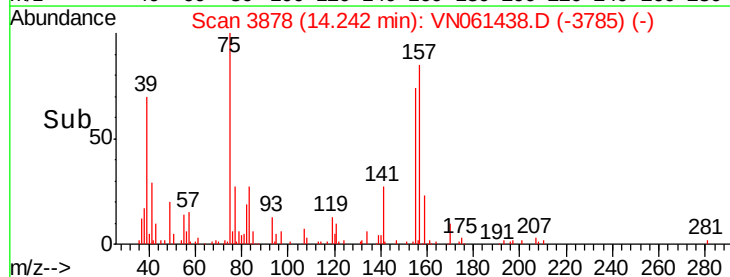
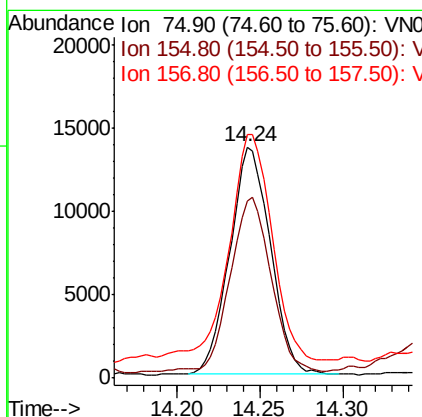
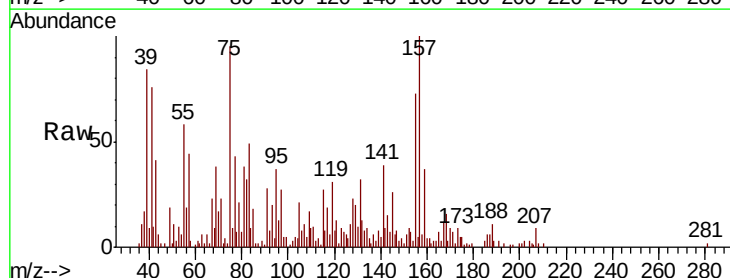
Instrument :
 MSVOA_N
 ClientSampled :
 VN0518MBSD01

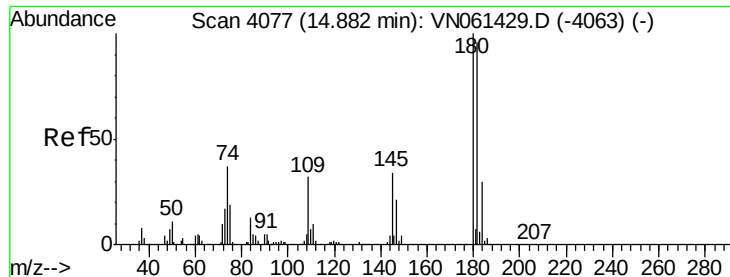
Tot Ion	Ratio	Lower	Upper
146	100		
111	45.2	21.9	65.7
148	62.7	31.6	94.7



#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

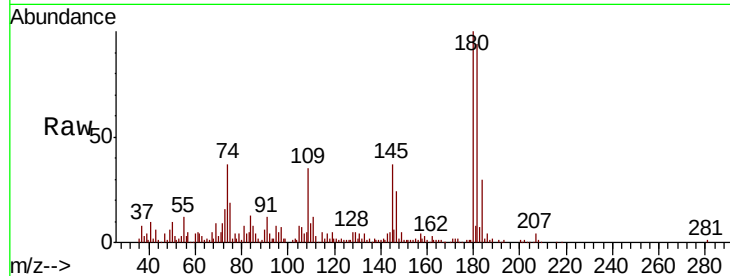




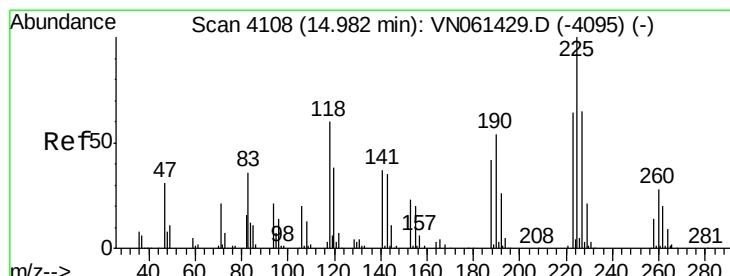
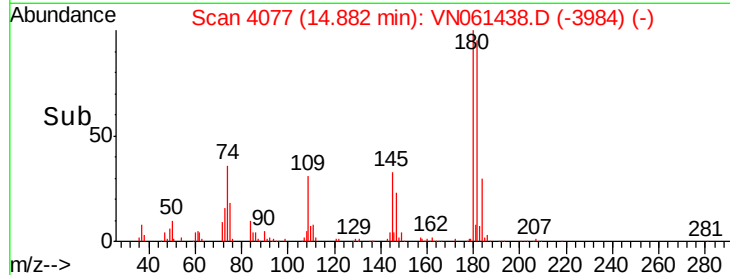
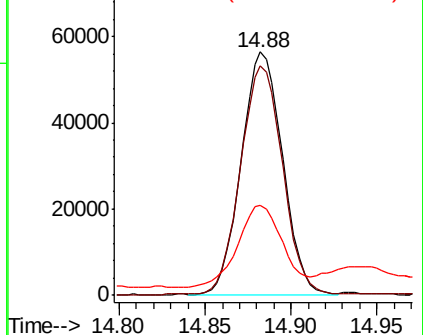
#93
 1,2,4-Trichlorobenzene
 Concen: 19.696 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN061438.D
 Acq: 18 May 2020 16:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0518MBSD01

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

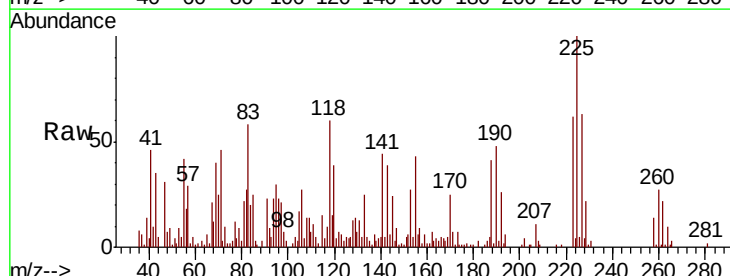


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

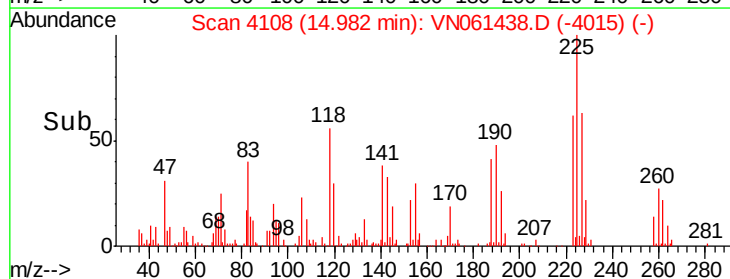
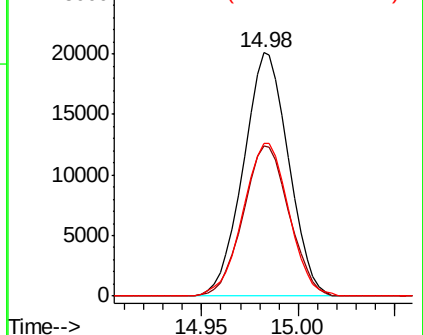


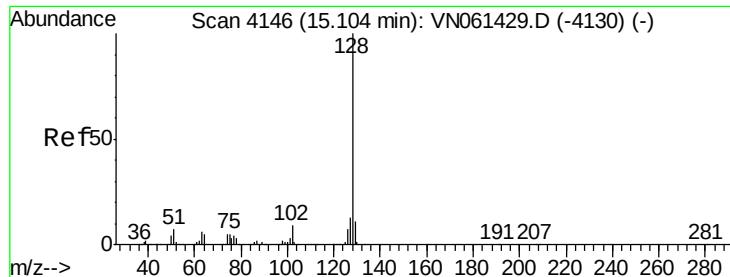
#94
 Hexachlorobutadiene
 Concen: 15.475 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN061438.D
 Acq: 18 May 2020 16:40

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

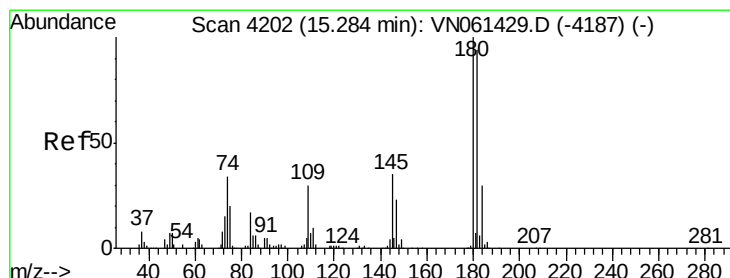
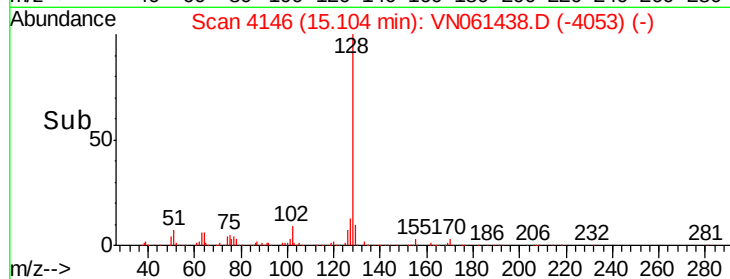
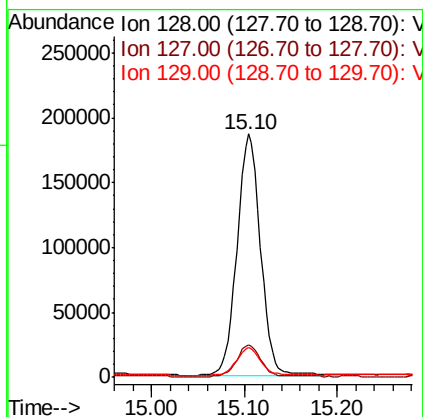
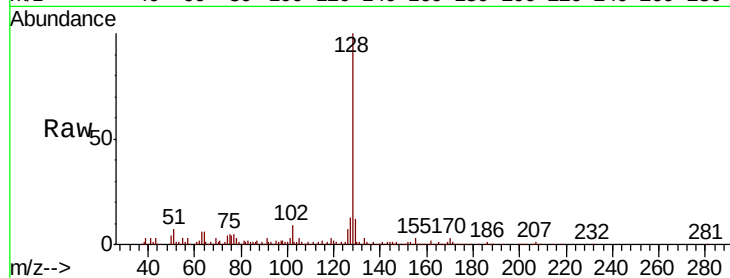




#95
Naphthalene
Concen: 21.588 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN061438.D
Acq: 18 May 2020 16:40

Instrument :
MSVOA_N
ClientSampleId :
VN0518MBSD01

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



#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

