

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN050620\
 Data File : VN061305.D
 Acq On : 6 May 2020 13:27
 Operator : JC/MD
 Sample : VN0506WBS01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: May 07 03:08:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 07:01:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	113986	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	196665	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	180673	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	84748	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	95646	53.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.06%	
35) Dibromofluoromethane	7.54	113	56339	48.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.90%	
50) Toluene-d8	10.06	98	251287	53.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.02%	
62) 4-Bromofluorobenzene	12.37	95	92138	51.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.30%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.83	85	24052	19.899	ug/l 99
3) Chloromethane	2.03	50	32454	22.169	ug/l 100
4) Vinyl Chloride	2.16	62	35566	21.390	ug/l 99
5) Bromomethane	2.54	94	15669	19.064	ug/l 100
6) Chloroethane	2.67	64	22405	21.259	ug/l 96
7) Trichlorofluoromethane	2.98	101	46042	24.544	ug/l 100
8) Diethyl Ether	3.37	74	18122	23.160	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	3.72	101	26672	22.070	ug/l 99
10) Methyl Iodide	3.91	142	27412	17.649	ug/l 99
11) Tert butyl alcohol	4.73	59	26365	109.123	ug/l 98
12) 1,1-Dichloroethene	3.69	96	24487	20.361	ug/l 97
13) Acrolein	3.56	56	14857	92.275	ug/l 98
14) Allyl chloride	4.27	41	53005	23.770	ug/l 99
15) Acrylonitrile	4.92	53	77093	103.945	ug/l 99
16) Acetone	3.77	43	72949	101.294	ug/l 100
17) Carbon Disulfide	4.00	76	60245	18.134	ug/l 100
18) Methyl Acetate	4.27	43	42107	18.922	ug/l 99
19) Methyl tert-butyl Ether	4.99	73	96064	20.904	ug/l 97
20) Methylene Chloride	4.50	84	29131	20.713	ug/l 100
21) trans-1,2-Dichloroethene	4.98	96	27434	20.949	ug/l 98
22) Diisopropyl ether	5.90	45	113001	21.853	ug/l 98
23) Vinyl Acetate	5.84	43	432181	103.800	ug/l 100
24) 1,1-Dichloroethane	5.79	63	57207	21.174	ug/l 99
25) 2-Butanone	6.78	43	109007	102.138	ug/l 99
26) 2,2-Dichloropropane	6.77	77	51068	22.441	ug/l 99
27) cis-1,2-Dichloroethene	6.78	96	31174	20.285	ug/l 95
28) Bromochloromethane	7.15	49	30187	23.573	ug/l 96
29) Tetrahydrofuran	7.16	42	72894	101.393	ug/l 99
30) Chloroform	7.33	83	56434	20.612	ug/l 97
31) Cyclohexane	7.61	56	50066	19.081	ug/l 96
32) 1,1,1-Trichloroethane	7.53	97	49460	20.745	ug/l 99
36) 1,1-Dichloropropene	7.75	75	41266	20.961	ug/l 98
37) Ethyl Acetate	6.88	43	45820	19.853	ug/l 100
38) Carbon Tetrachloride	7.73	117	36961	21.923	ug/l 98

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 Quant Title : SW846 8260
 QLast Update : Tue May 05 07:01:08 2020
 Response via : Initial Calibration

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

39) Methylcyclohexane	9.04	83	42861	19.413	ug/l	100
40) Benzene	8.00	78	121731	20.755	ug/l	99
41) Methacrylonitrile	7.12	41	19545	20.396	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	48730	21.931	ug/l	99
43) Isopropyl Acetate	8.12	43	77861	20.327	ug/l #	92
44) Trichloroethene	8.80	130	30615	19.309	ug/l	99
45) 1,2-Dichloropropane	9.08	63	33279	21.238	ug/l	97
46) Dibromomethane	9.17	93	20857	21.497	ug/l	98
47) Bromodichloromethane	9.37	83	45170	21.691	ug/l	99
48) Methyl methacrylate	9.16	41	34945	20.217	ug/l	96
49) 1,4-Dioxane	9.16	88	9402	479.202	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	232510	103.127	ug/l	99
52) Toluene	10.12	92	74353	21.046	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	48474	20.658	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	53282	21.479	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	29471	20.914	ug/l	98
56) Ethyl methacrylate	10.40	69	44491	19.857	ug/l	98
57) 1,3-Dichloropropane	10.68	76	52947	21.376	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	118006	103.457	ug/l	99
59) 2-Hexanone	10.72	43	167842	102.326	ug/l	99
60) Dibromochloromethane	10.87	129	30796	20.867	ug/l	99
61) 1,2-Dibromoethane	10.98	107	29309	20.752	ug/l	100
64) Tetrachloroethene	10.60	164	29458	18.825	ug/l	98
65) Chlorobenzene	11.40	112	75323	21.017	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	28605	22.300	ug/l	99
67) Ethyl Benzene	11.48	91	141778	21.132	ug/l	100
68) m/p-Xylenes	11.59	106	102785	41.855	ug/l	97
69) o-Xylene	11.92	106	48741	20.663	ug/l	97
70) Styrene	11.94	104	81136	20.551	ug/l	98
71) Bromoform	12.10	173	20428	21.669	ug/l #	98
73) Isopropylbenzene	12.22	105	133432	21.417	ug/l	100
74) N-amyl acetate	12.04	43	65034	20.614	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	41649	21.439	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	57200	32.014	ug/l #	100
77) Bromobenzene	12.50	156	30332	21.090	ug/l	96
78) n-propylbenzene	12.56	91	158417	21.437	ug/l	100
79) 2-Chlorotoluene	12.65	91	93544	21.537	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	112516	21.820	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	14535	20.659	ug/l	95
82) 4-Chlorotoluene	12.75	91	98458	21.507	ug/l	99
83) tert-Butylbenzene	12.97	119	92607	21.299	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	111413	20.971	ug/l	99
85) sec-Butylbenzene	13.15	105	125376	21.150	ug/l	99
86) p-Isopropyltoluene	13.26	119	111619	20.898	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	55812	21.080	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	55829	20.638	ug/l	98
89) n-Butylbenzene	13.59	91	101279	20.685	ug/l	99
90) Hexachloroethane	13.85	117	13852	28.698	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	53488	21.069	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	8404	20.483	ug/l	95

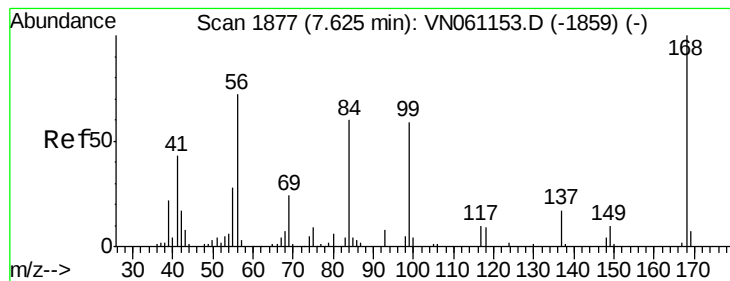
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	29984	19.396	ug/l	99
94) Hexachlorobutadiene	14.99	225	14335	22.196	ug/l	99
95) Naphthalene	15.11	128	89550	17.787	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	29507	19.333	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1876

Delta R.T. -0.00 min

Lab File: VN061305.D

Acq: 6 May 2020 13:27

Instrument :

MSVOA_N

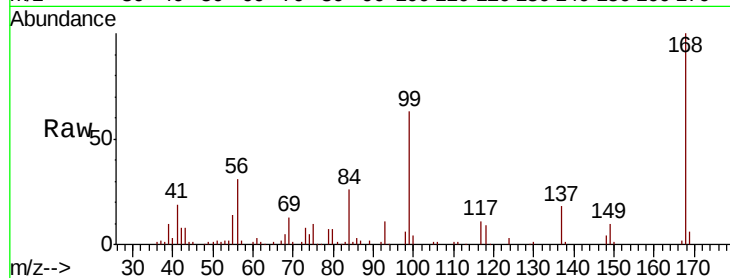
ClientSampleId :

Tot Ion:168 Resp: 113986

Ion Ratio Lower Upper

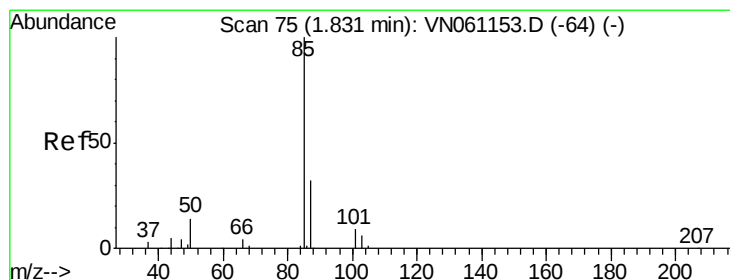
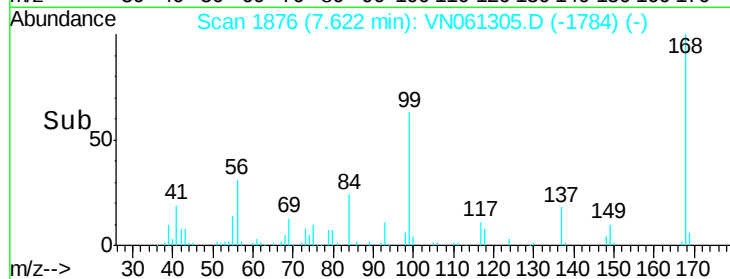
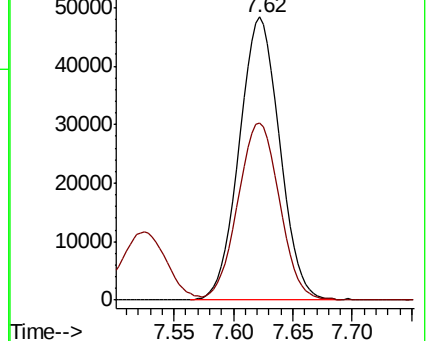
168 100

99 62.3 51.2 76.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 19.899 ug/l

RT: 1.83 min Scan# 74

Delta R.T. -0.00 min

Lab File: VN061305.D

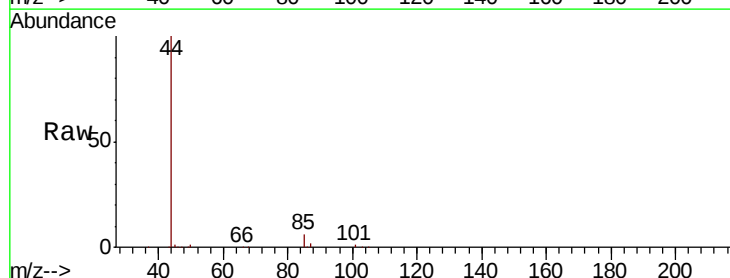
Acq: 6 May 2020 13:27

Tgt Ion: 85 Resp: 24052

Ion Ratio Lower Upper

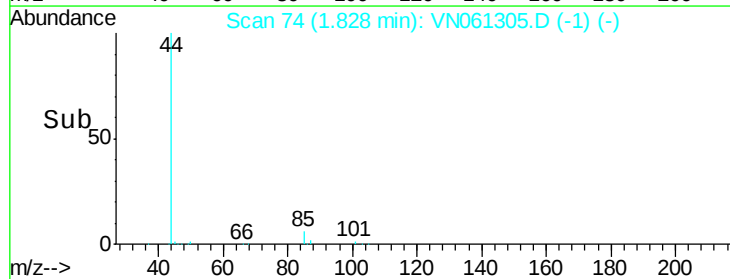
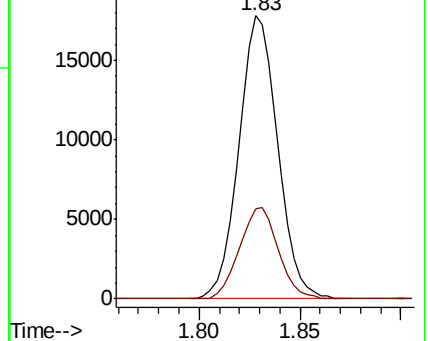
85 100

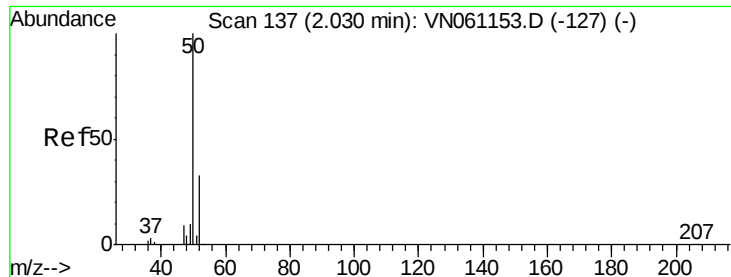
87 31.6 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 22.169 ug/l

RT: 2.03 min Scan# 137

Delta R.T. 0.00 min

Lab File: VN061305.D

Acq: 6 May 2020 13:27

Instrument :

MSVOA_N

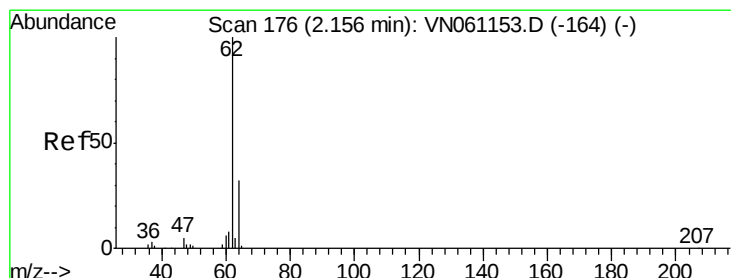
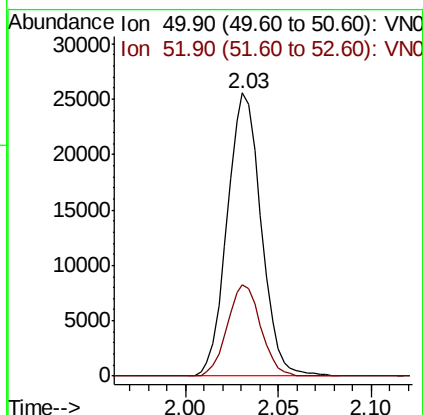
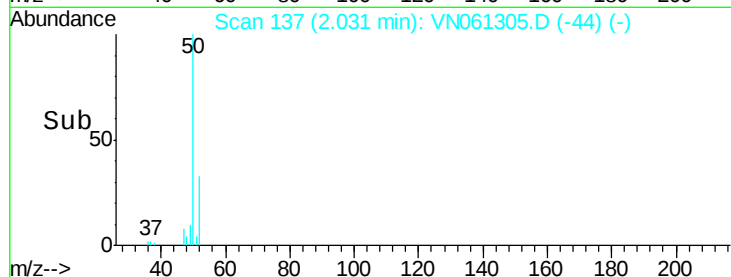
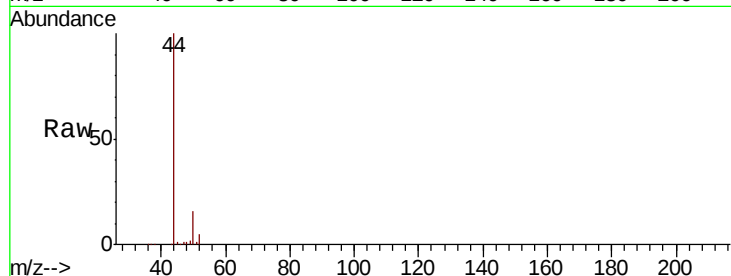
ClientSampled :

Tot Ion: 50 Resp: 32454

Ion Ratio Lower Upper

50 100

52 32.5 26.0 39.0



#4

Vinyl Chloride

Concen: 21.390 ug/l

RT: 2.16 min Scan# 176

Delta R.T. 0.00 min

Lab File: VN061305.D

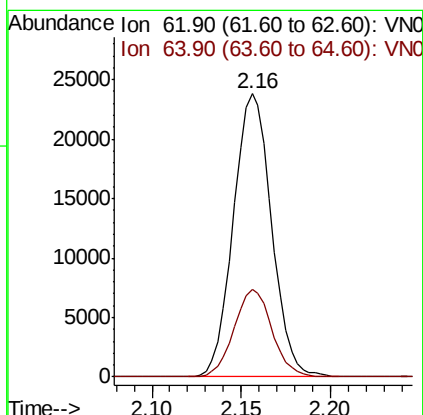
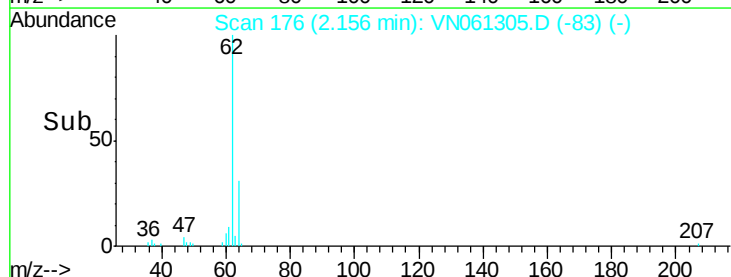
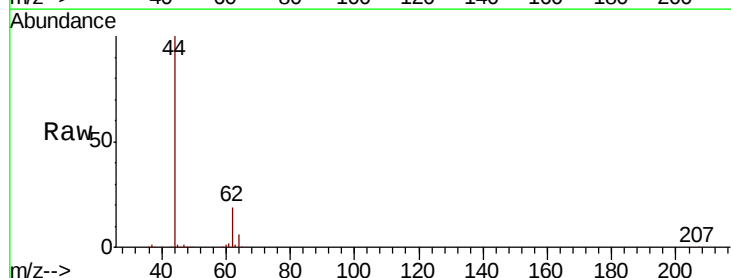
Acq: 6 May 2020 13:27

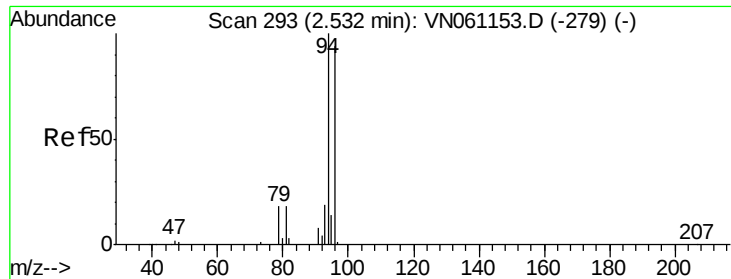
Tgt Ion: 62 Resp: 35566

Ion Ratio Lower Upper

62 100

64 30.9 25.2 37.8





#5

Bromomethane

Concen: 19.064 ug/l

RT: 2.54 min Scan# 294

Delta R.T. 0.00 min

Lab File: VN061305.D

Acq: 6 May 2020 13:27

Instrument :

MSVOA_N

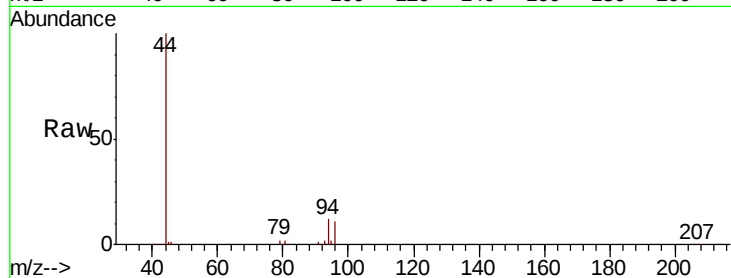
ClientSampled :

Tot Ion: 94 Resp: 15669

Ion Ratio Lower Upper

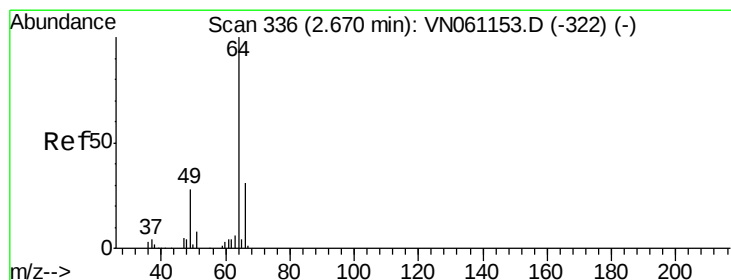
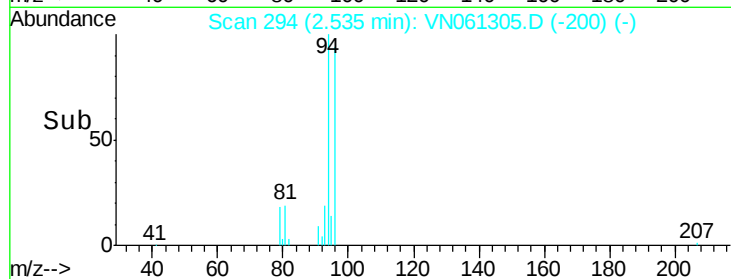
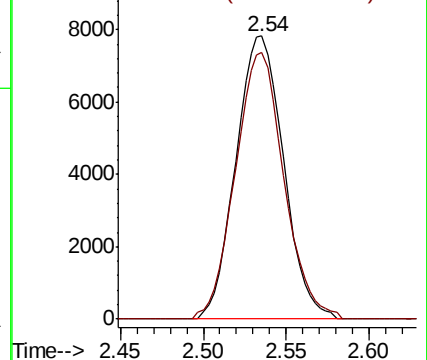
94 100

96 94.2 75.1 112.7



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 21.259 ug/l

RT: 2.67 min Scan# 336

Delta R.T. 0.00 min

Lab File: VN061305.D

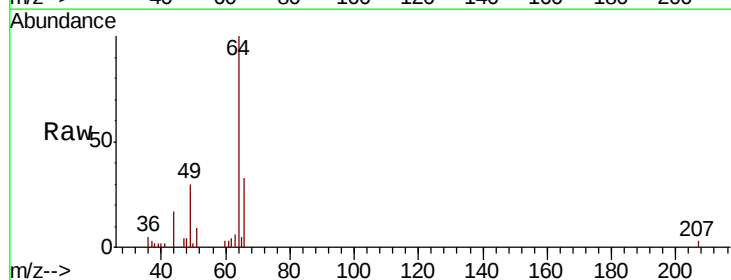
Acq: 6 May 2020 13:27

Tgt Ion: 64 Resp: 22405

Ion Ratio Lower Upper

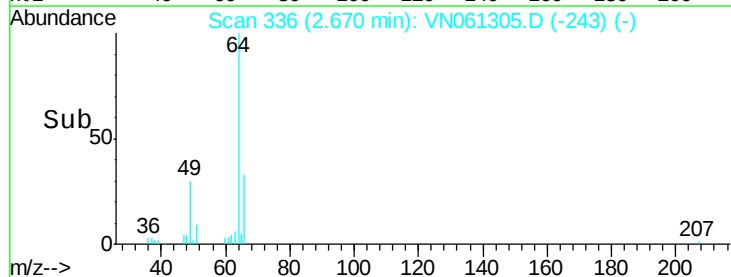
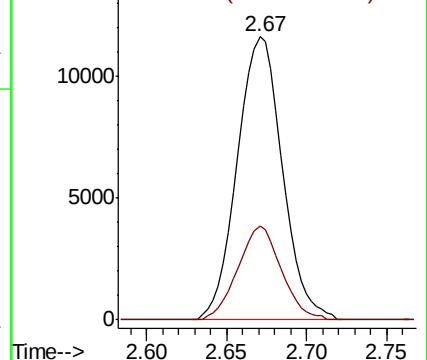
64 100

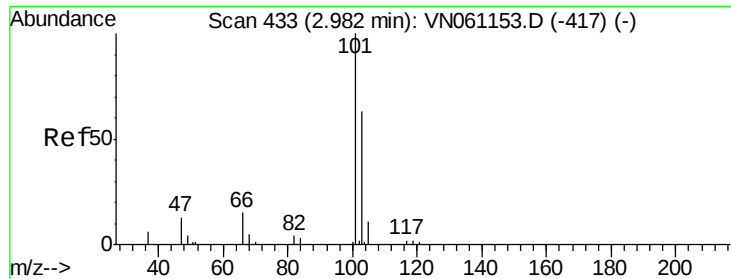
66 33.0 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



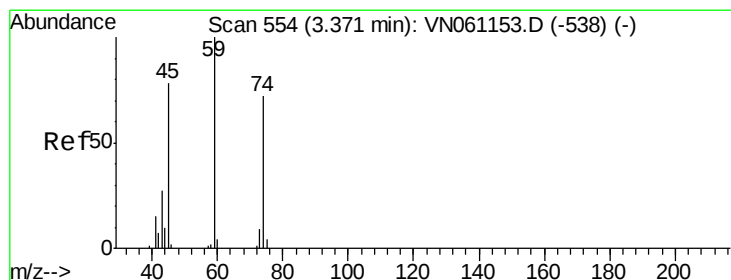
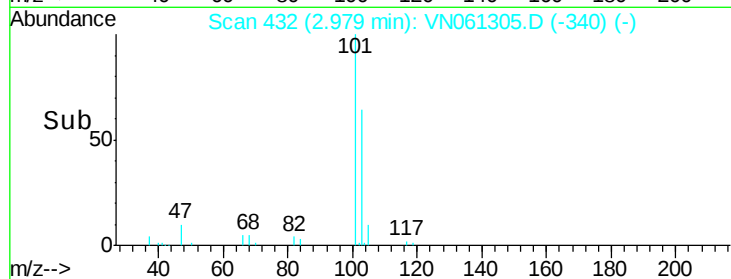
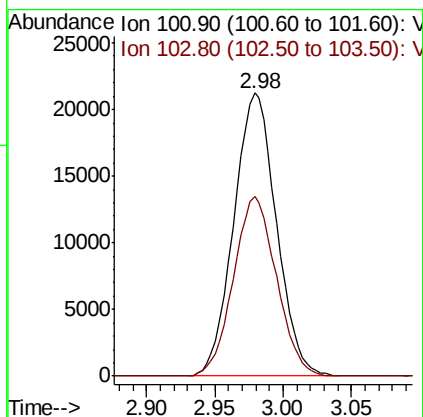
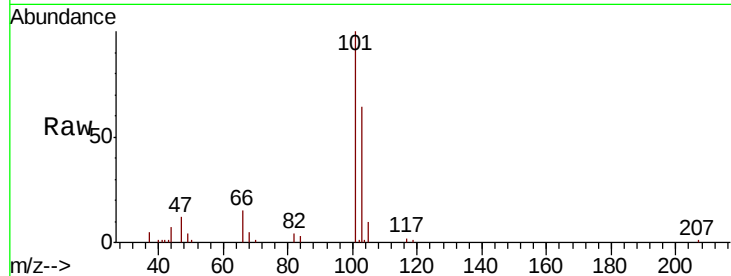


#7

Trichlorofluoromethane
Concen: 24.544 ug/l
RT: 2.98 min Scan# 432
Delta R.T. -0.00 min
Lab File: VN061305.D
Acq: 6 May 2020 13:27

Instrument :
MSVOA_N
ClientSampleId :

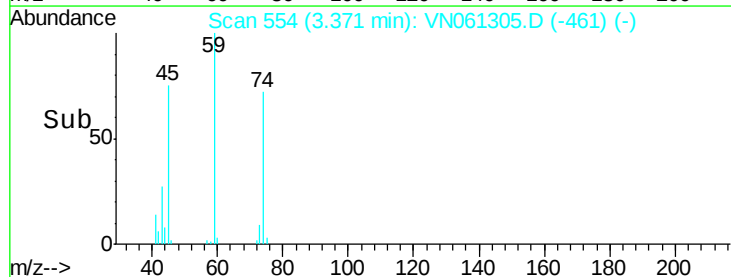
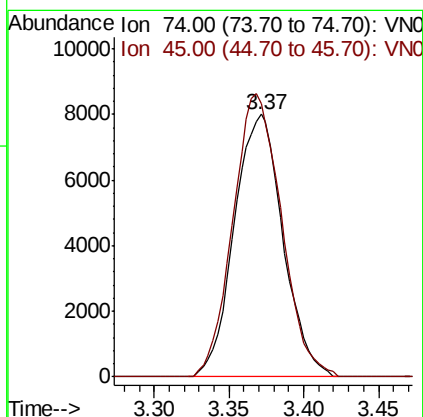
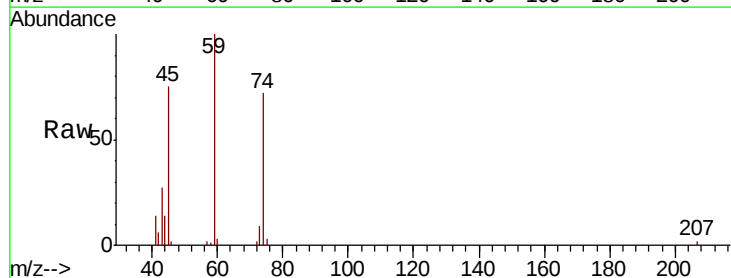
Tot Ion:101 Resp: 46042
Ion Ratio Lower Upper
101 100
103 63.7 50.6 76.0

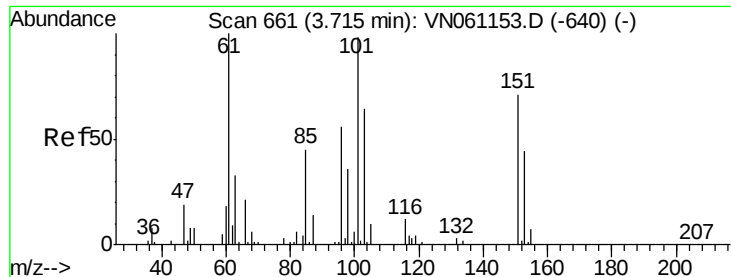


#8

Diethyl Ether
Concen: 23.160 ug/l
RT: 3.37 min Scan# 554
Delta R.T. 0.00 min
Lab File: VN061305.D
Acq: 6 May 2020 13:27

Tgt Ion: 74 Resp: 18122
Ion Ratio Lower Upper
74 100
45 107.5 53.3 160.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.070 ug/l

RT: 3.72 min Scan# 661

Delta R.T. 0.00 min

Lab File: VN061305.D

Acq: 6 May 2020 13:27

Instrument :

MSVOA_N

ClientSampled :

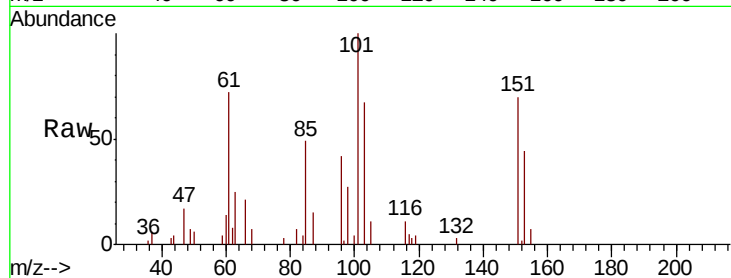
Tot Ion:101 Resp: 26672

Ion Ratio Lower Upper

101 100

85 46.5 37.2 55.8

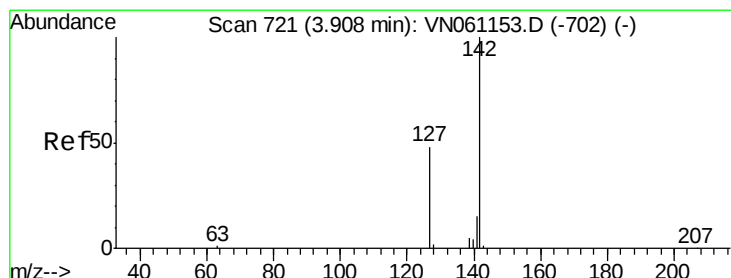
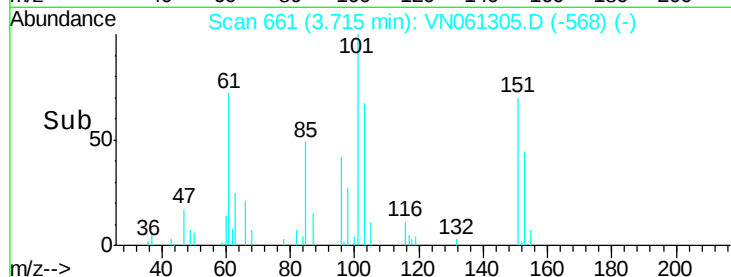
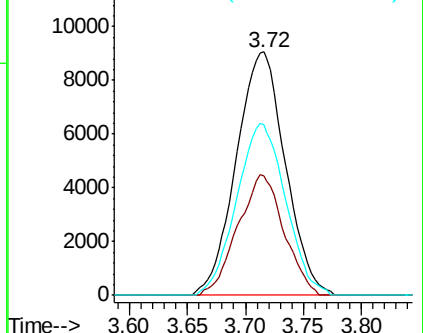
151 70.5 57.7 86.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.649 ug/l

RT: 3.91 min Scan# 720

Delta R.T. -0.00 min

Lab File: VN061305.D

Acq: 6 May 2020 13:27

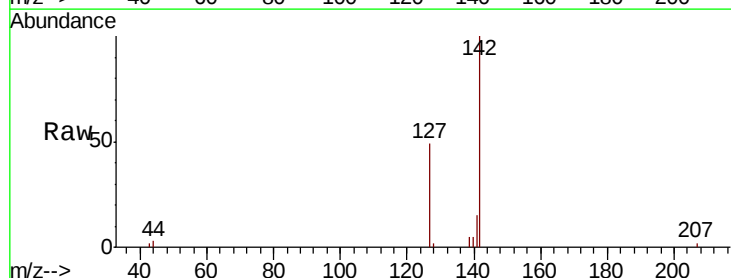
Tgt Ion:142 Resp: 27412

Ion Ratio Lower Upper

142 100

127 48.0 38.0 57.0

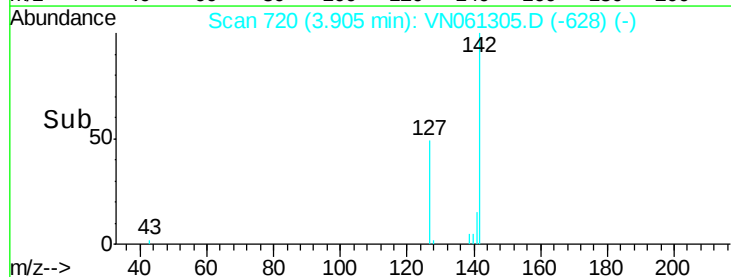
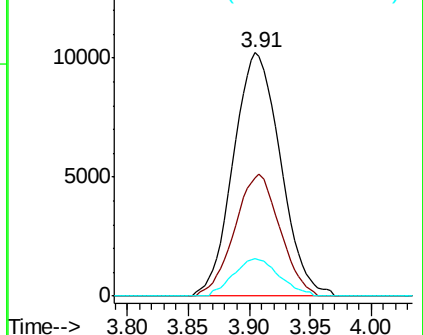
141 15.0 11.7 17.5

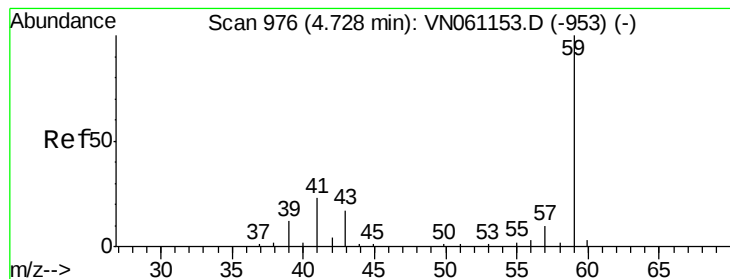


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



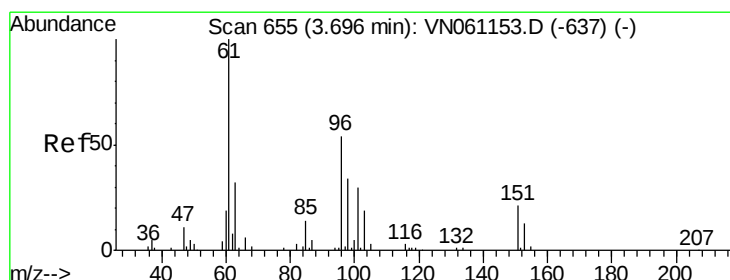
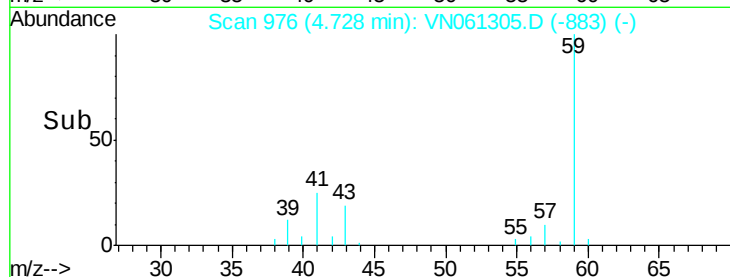
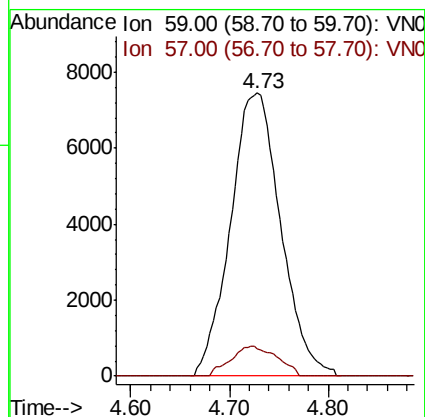
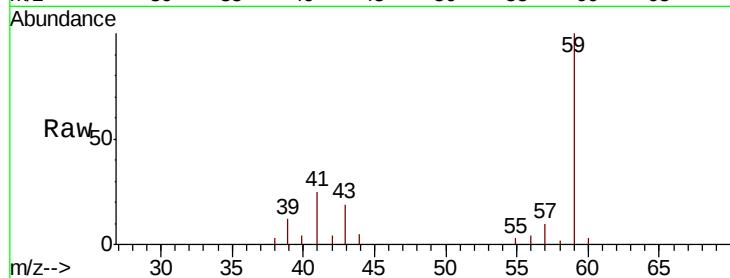


#11

Tert butyl alcohol
 Concen: 109.123 ug/l
 RT: 4.73 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: VN061305.D
 Acq: 6 May 2020 13:27

Instrument :
 MSVOA_N
 ClientSampleId :

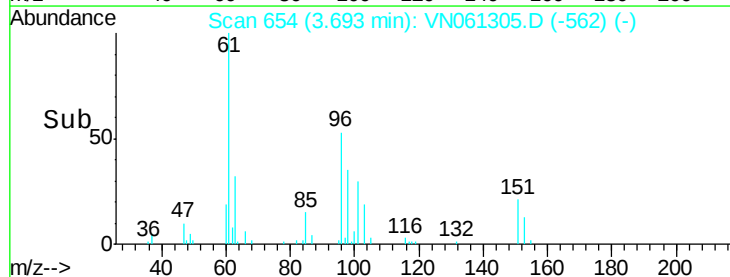
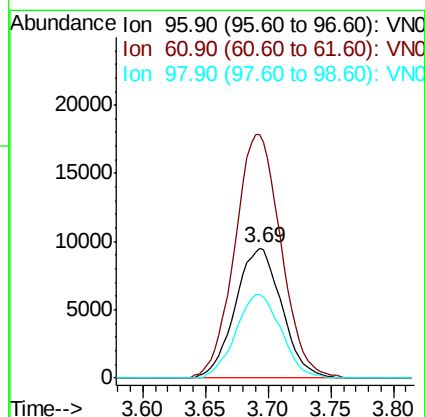
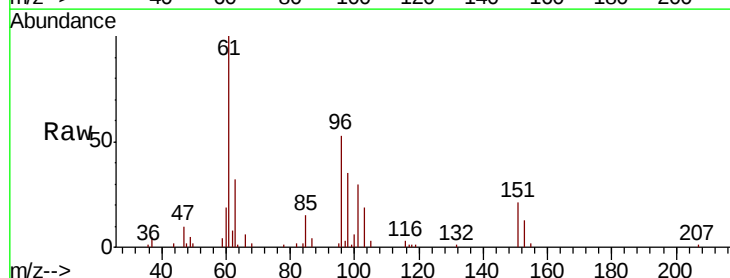
Tot Ion: 59 Resp: 26365
 Ion Ratio Lower Upper
 59 100
 57 9.7 8.3 12.5

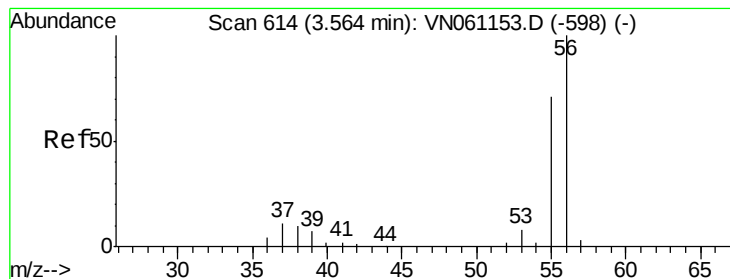


#12

1,1-Dichloroethene
 Concen: 20.361 ug/l
 RT: 3.69 min Scan# 654
 Delta R.T. -0.00 min
 Lab File: VN061305.D
 Acq: 6 May 2020 13:27

Tgt Ion: 96 Resp: 24487
 Ion Ratio Lower Upper
 96 100
 61 187.4 147.0 220.6
 98 64.9 49.8 74.6





#13

Acrolein

Concen: 92.275 ug/l

RT: 3.56 min Scan# 613

Delta R.T. -0.00 min

Lab File: VN061305.D

Acq: 6 May 2020 13:27

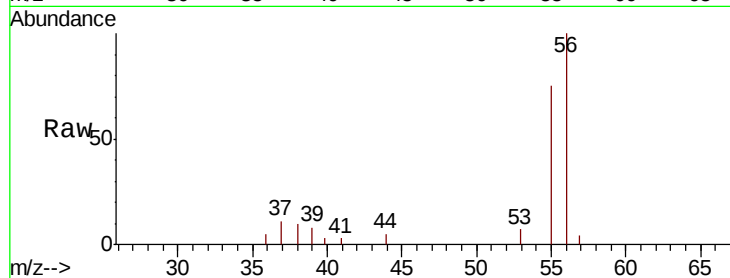
Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 56 Resp: 14857

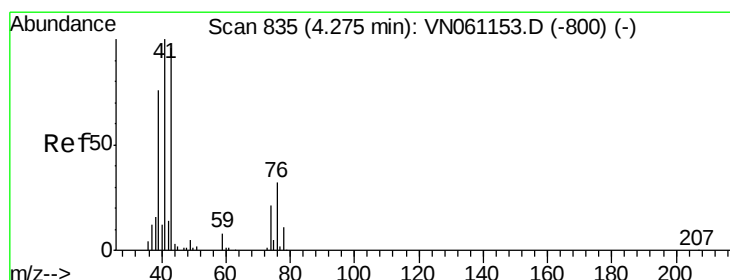
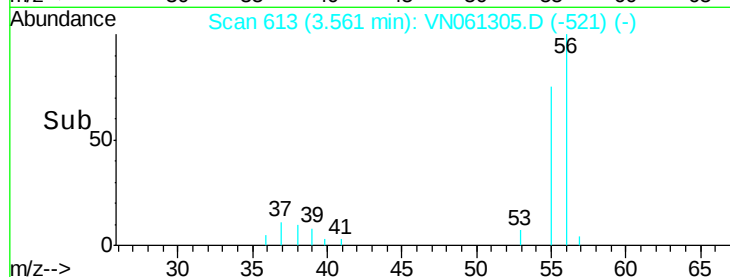
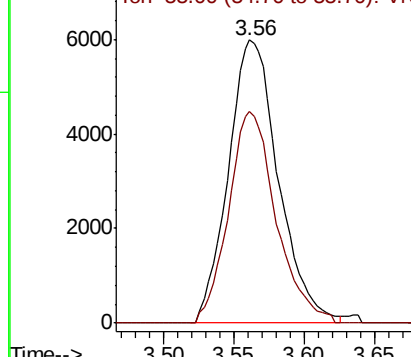
Ion Ratio Lower Upper

56 100

55 71.1 58.5 87.7



Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 55.00 (54.70 to 55.70): VN0



#14

Allyl chloride

Concen: 23.770 ug/l

RT: 4.27 min Scan# 834

Delta R.T. -0.00 min

Lab File: VN061305.D

Acq: 6 May 2020 13:27

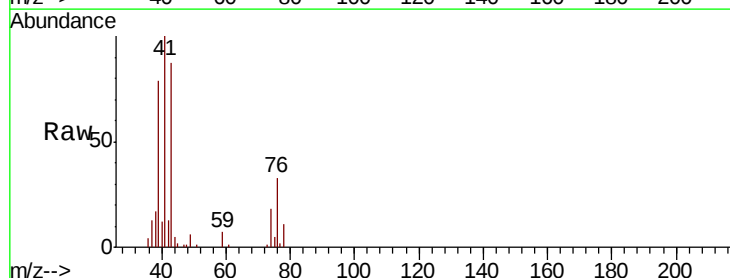
Tgt Ion: 41 Resp: 53005

Ion Ratio Lower Upper

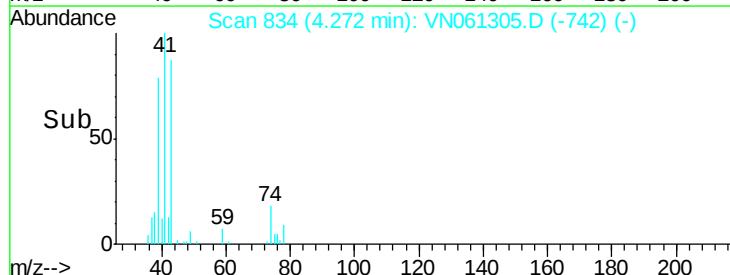
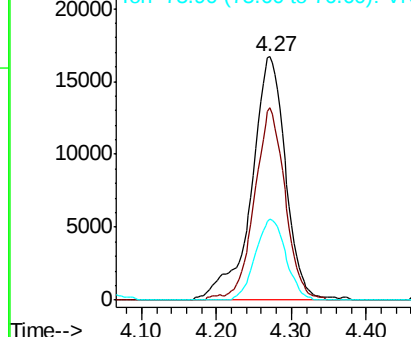
41 100

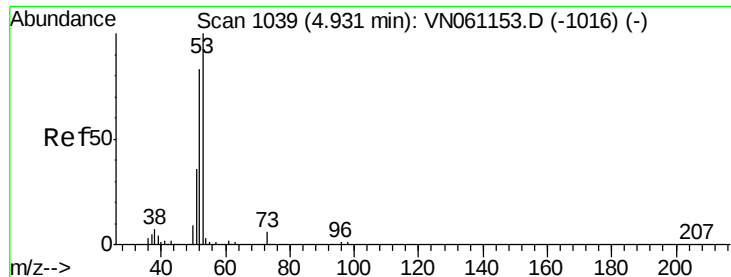
39 70.4 57.1 85.7

76 29.7 24.3 36.5



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 75.90 (75.60 to 76.60): VN0





#15

Acrylonitrile

Concen: 103.945 ug/l

RT: 4.92 min Scan# 1037

Delta R.T. -0.01 min

Lab File: VN061305.D

Acq: 6 May 2020 13:27

Instrument :

MSVOA_N

ClientSampleId :

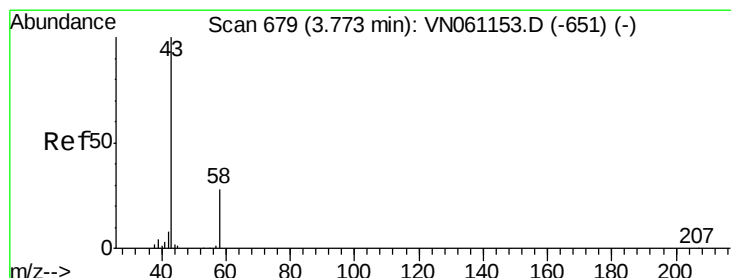
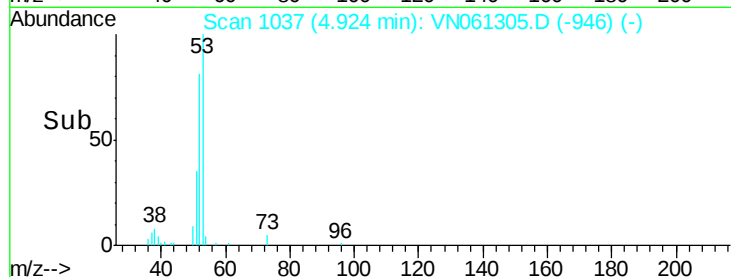
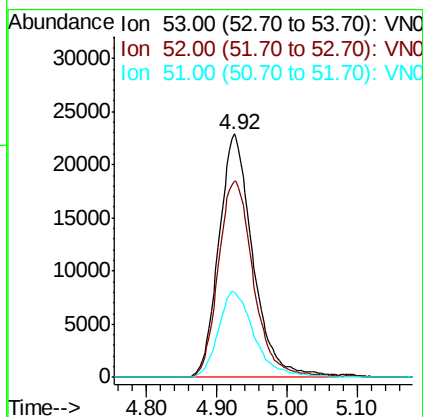
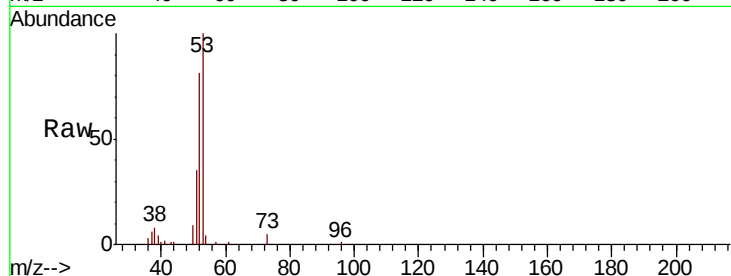
Tot Ion: 53 Resp: 77093

Ion Ratio Lower Upper

53 100

52 83.2 65.4 98.0

51 37.4 29.5 44.3



#16

Acetone

Concen: 101.294 ug/l

RT: 3.77 min Scan# 678

Delta R.T. -0.00 min

Lab File: VN061305.D

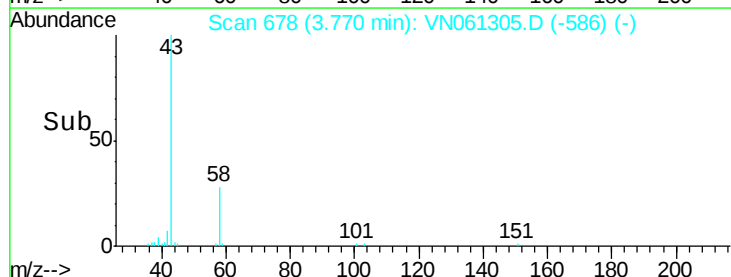
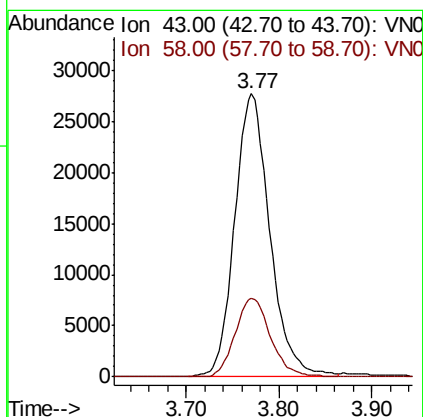
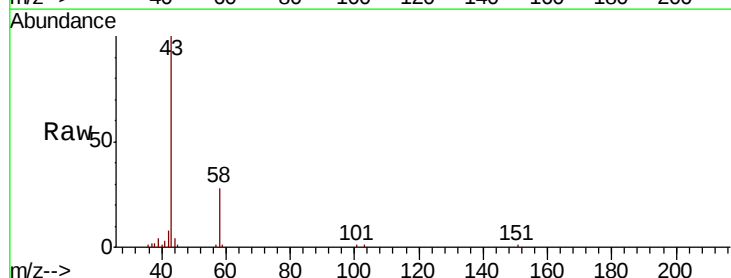
Acq: 6 May 2020 13:27

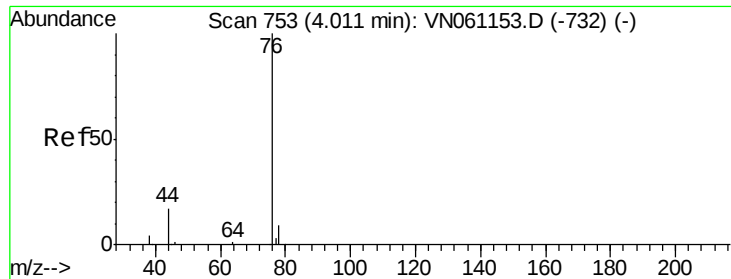
Tgt Ion: 43 Resp: 72949

Ion Ratio Lower Upper

43 100

58 27.8 22.2 33.2

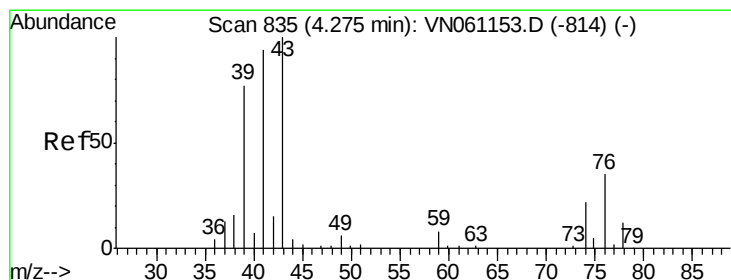
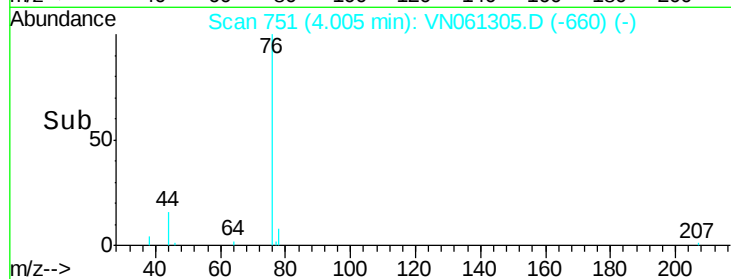
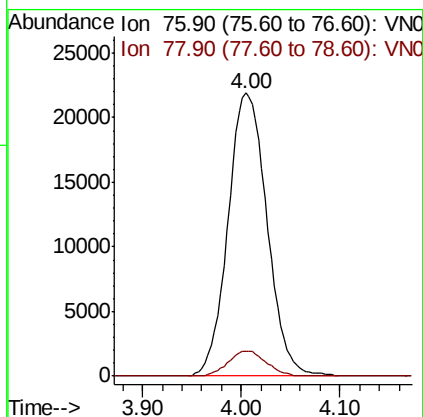
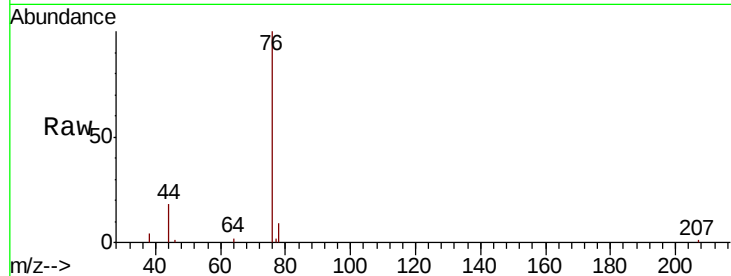




#17
Carbon Disulfide
Concen: 18.134 ug/l
RT: 4.00 min Scan# 751
Delta R.T. -0.01 min
Lab File: VN061305.D
Acq: 6 May 2020 13:27

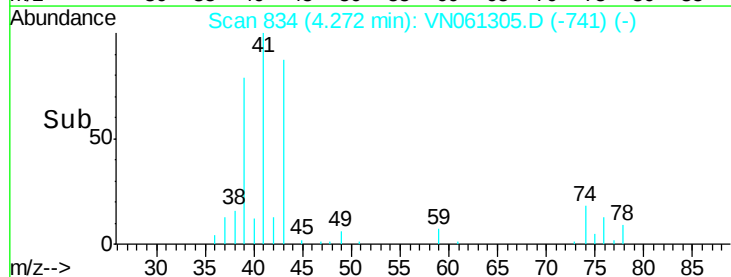
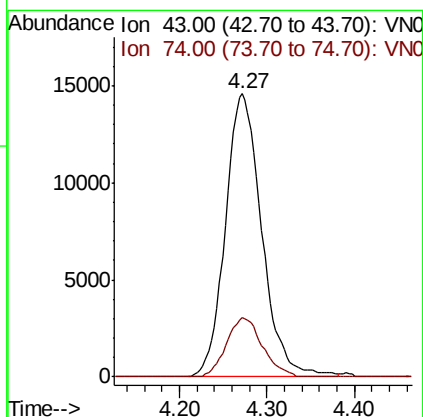
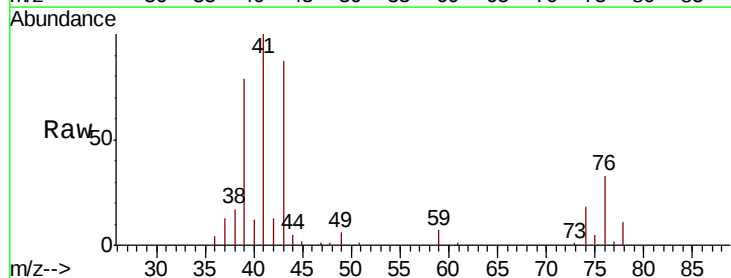
Instrument :
MSVOA_N
ClientSampleId :

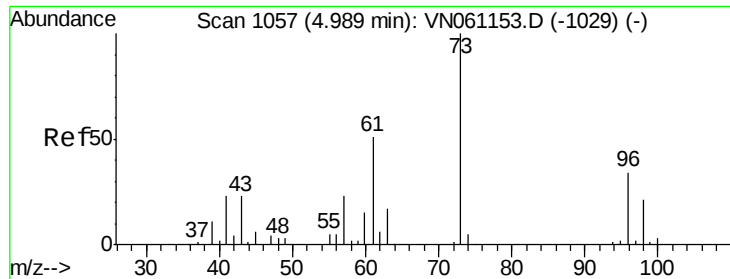
Tot Ion: 76 Resp: 60245
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8



#18
Methyl Acetate
Concen: 18.922 ug/l
RT: 4.27 min Scan# 834
Delta R.T. -0.00 min
Lab File: VN061305.D
Acq: 6 May 2020 13:27

Tgt Ion: 43 Resp: 42107
Ion Ratio Lower Upper
43 100
74 20.6 17.0 25.4

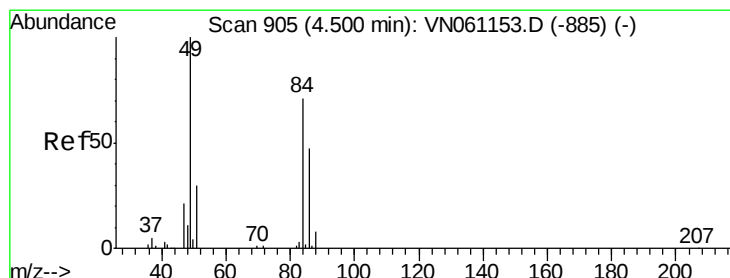
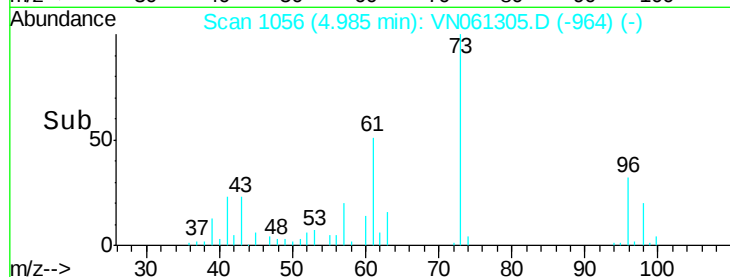
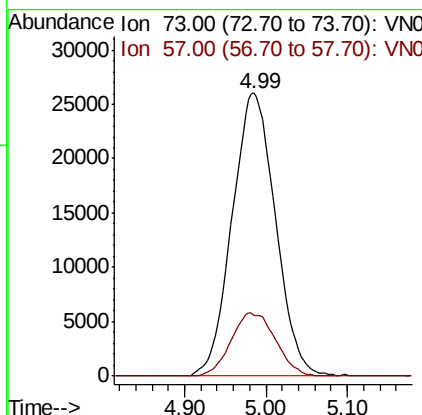
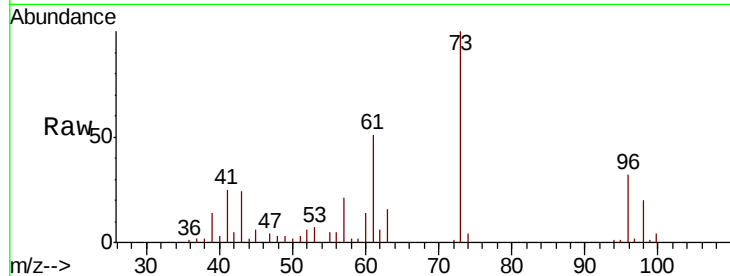




#19
Methyl tert-butyl Ether
Concen: 20.904 ug/l
RT: 4.99 min Scan# 1056
Delta R.T. -0.00 min
Lab File: VN061305.D
Acq: 6 May 2020 13:27

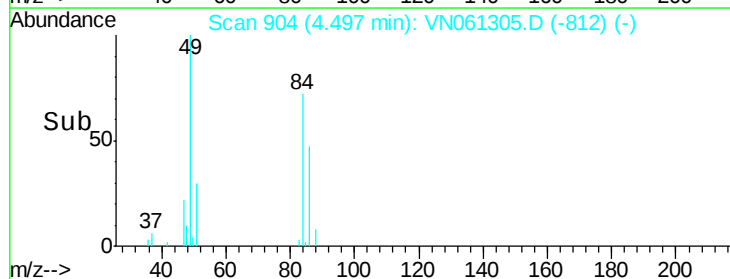
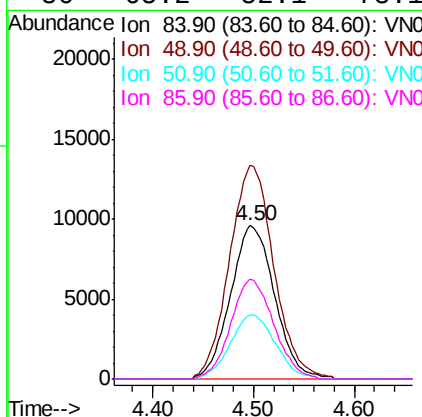
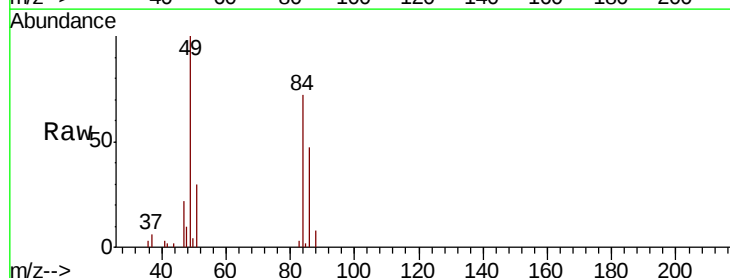
Instrument :
MSVOA_N
ClientSampleId :

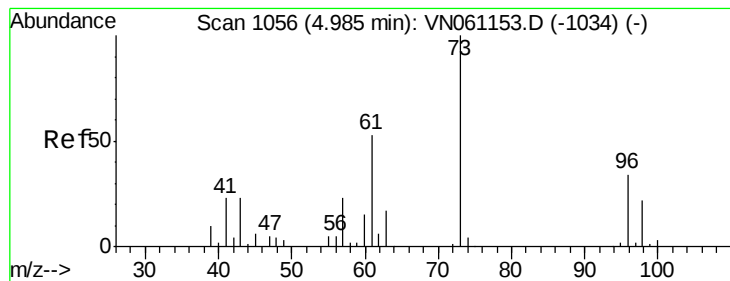
Tot Ion: 73 Resp: 96064
Ion Ratio Lower Upper
73 100
57 21.4 18.3 27.5



#20
Methylene Chloride
Concen: 20.713 ug/l
RT: 4.50 min Scan# 904
Delta R.T. -0.00 min
Lab File: VN061305.D
Acq: 6 May 2020 13:27

Tgt Ion: 84 Resp: 29131
Ion Ratio Lower Upper
84 100
49 139.5 112.0 168.0
51 41.8 33.6 50.4
86 65.2 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 20.949 ug/l

RT: 4.98 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VN061305.D

Acq: 6 May 2020 13:27

Instrument :
MSVOA_N
ClientSampleId :

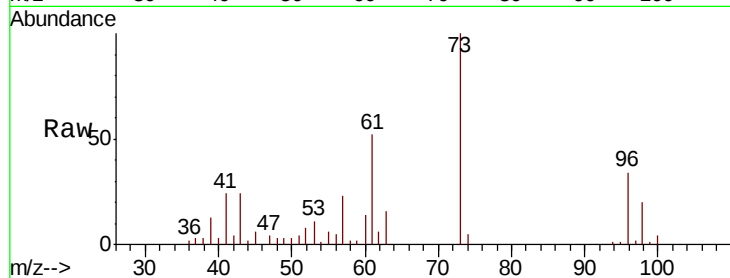
Tot Ion: 96 Resp: 27434

Ion Ratio Lower Upper

96 100

61 152.5 123.0 184.4

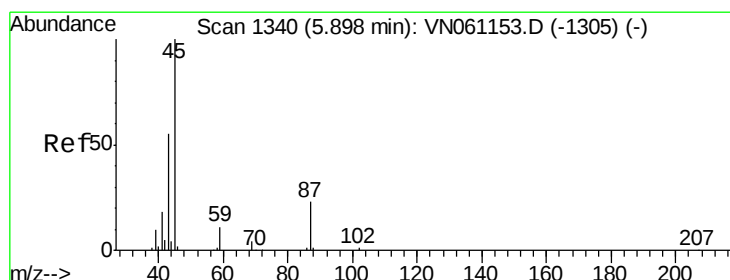
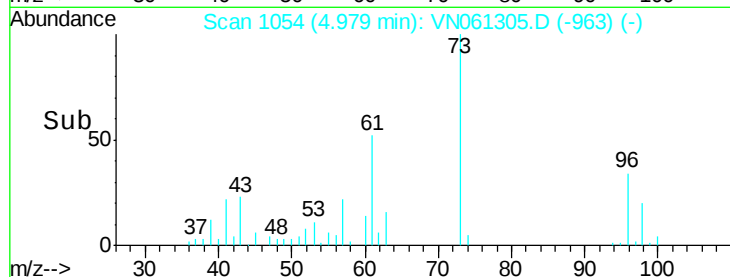
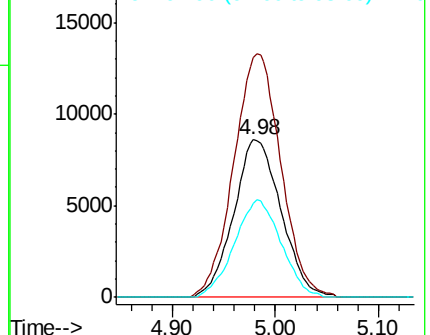
98 59.8 50.1 75.1



Abundance Ion 95.90 (95.60 to 96.60): VN061153.D (-1034) (-)

Ion 60.90 (60.60 to 61.60): VN061153.D (-1034) (-)

Ion 97.90 (97.60 to 98.60): VN061153.D (-1034) (-)



#22

Diisopropyl ether

Concen: 21.853 ug/l

RT: 5.90 min Scan# 1339

Delta R.T. -0.00 min

Lab File: VN061305.D

Acq: 6 May 2020 13:27

Tgt Ion: 45 Resp: 113001

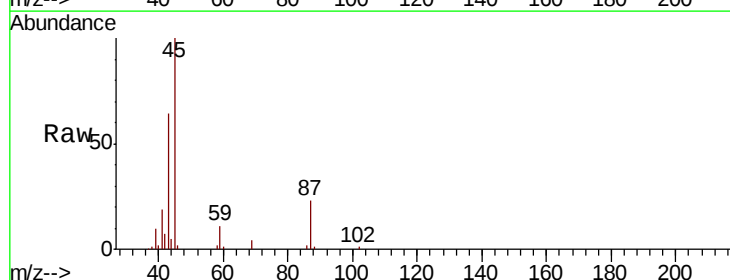
Ion Ratio Lower Upper

45 100

43 61.4 47.9 71.9

87 23.0 19.2 28.8

59 11.0 9.0 13.4

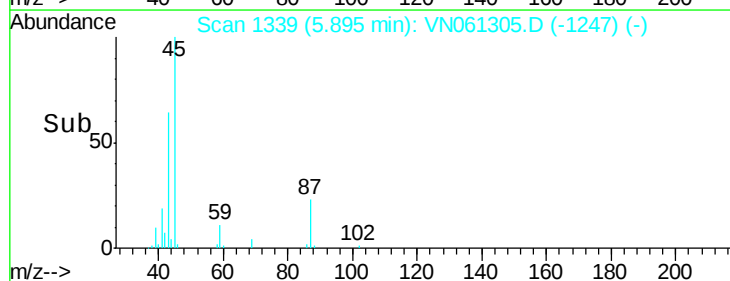
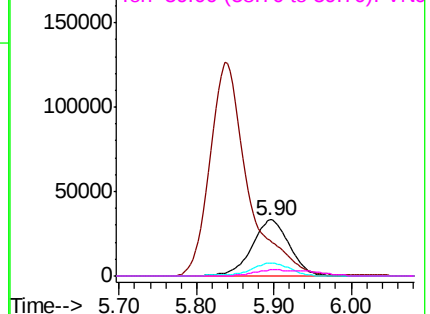


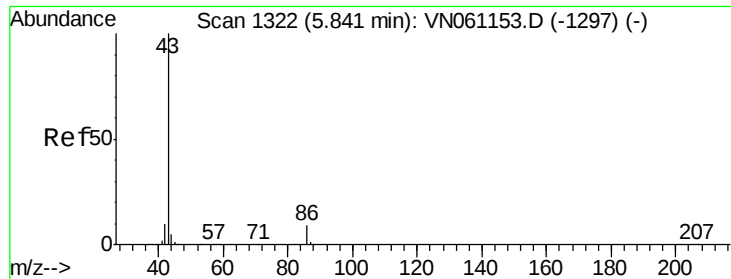
Abundance Ion 45.00 (44.70 to 45.70): VN061153.D (-1305) (-)

Ion 43.00 (42.70 to 43.70): VN061153.D (-1305) (-)

Ion 87.00 (86.70 to 87.70): VN061153.D (-1305) (-)

Ion 59.00 (58.70 to 59.70): VN061153.D (-1305) (-)





#23

Vinyl Acetate

Concen: 103.800 ug/l

RT: 5.84 min Scan# 1321

Delta R.T. -0.00 min

Lab File: VN061305.D

Acq: 6 May 2020 13:27

Instrument :

MSVOA_N

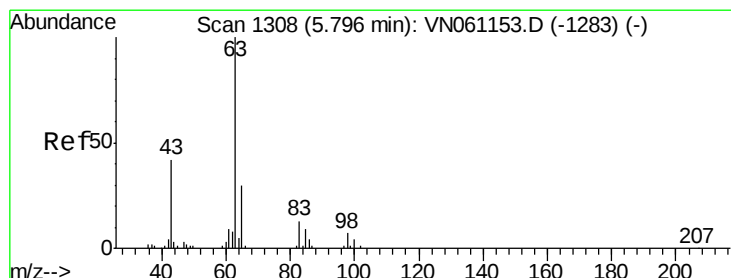
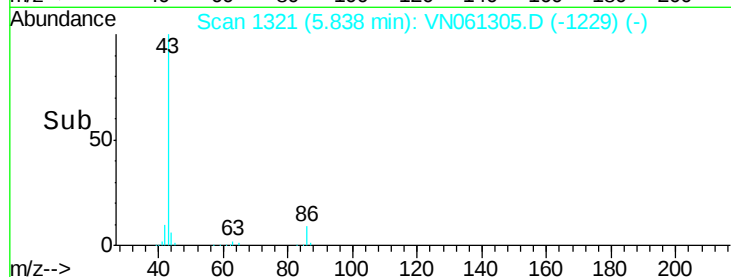
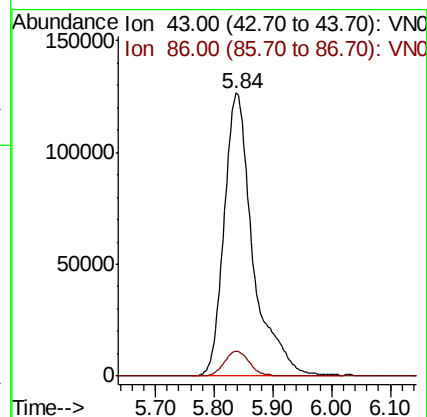
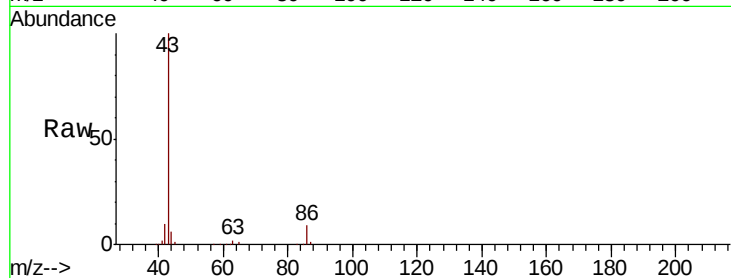
ClientSampled :

Tot Ion: 43 Resp: 432181

Ion Ratio Lower Upper

43 100

86 8.9 7.2 10.8



#24

1,1-Dichloroethane

Concen: 21.174 ug/l

RT: 5.79 min Scan# 1307

Delta R.T. -0.00 min

Lab File: VN061305.D

Acq: 6 May 2020 13:27

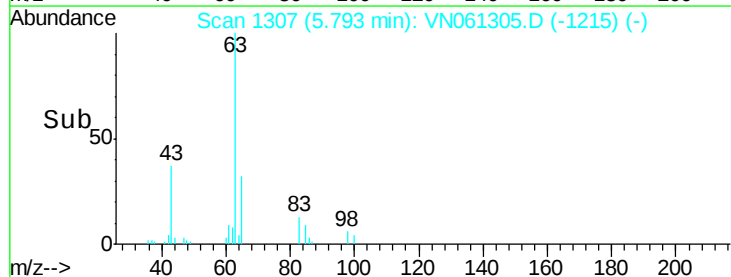
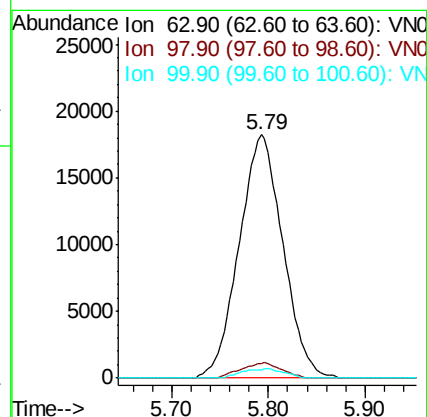
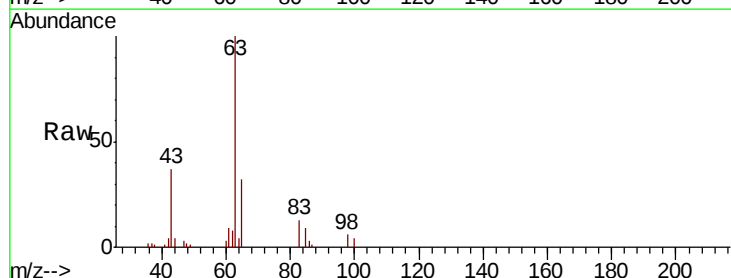
Tgt Ion: 63 Resp: 57207

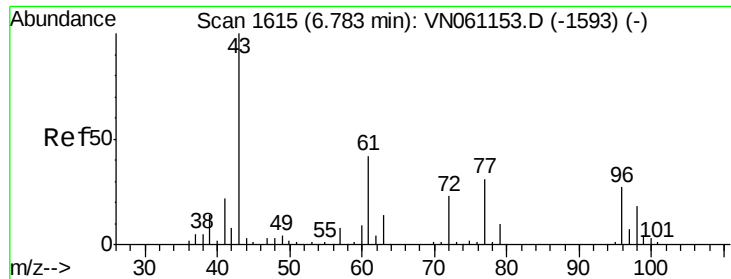
Ion Ratio Lower Upper

63 100

98 6.2 3.3 9.9

100 3.5 1.9 5.7

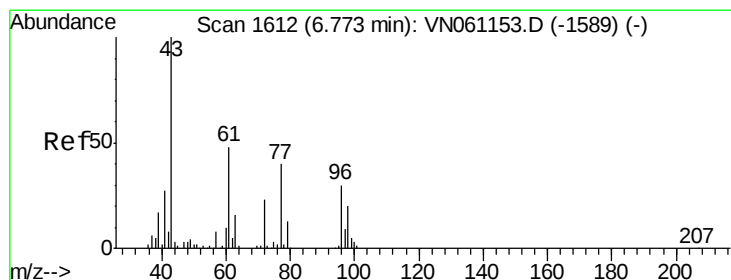
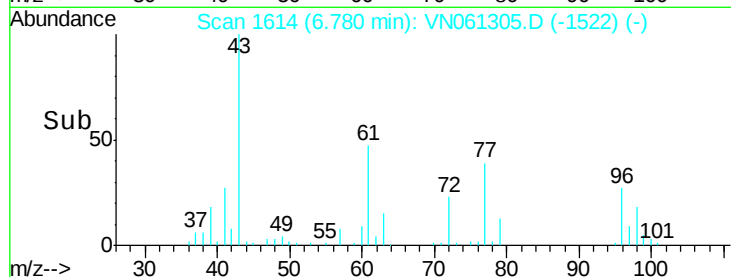
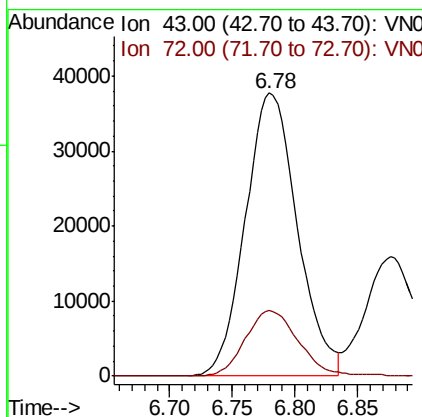
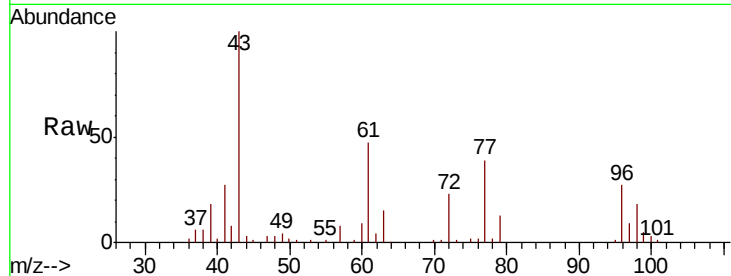




#25
2-Butanone
Concen: 102.138 ug/l
RT: 6.78 min Scan# 1614
Delta R.T. -0.00 min
Lab File: VN061305.D
Acq: 6 May 2020 13:27

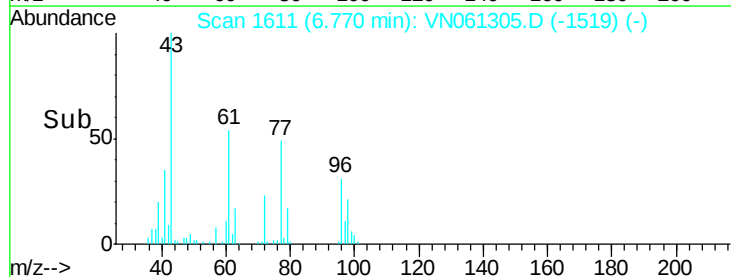
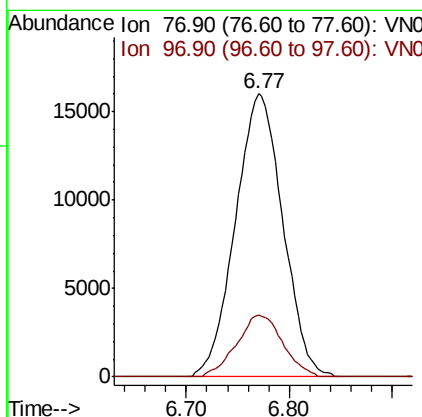
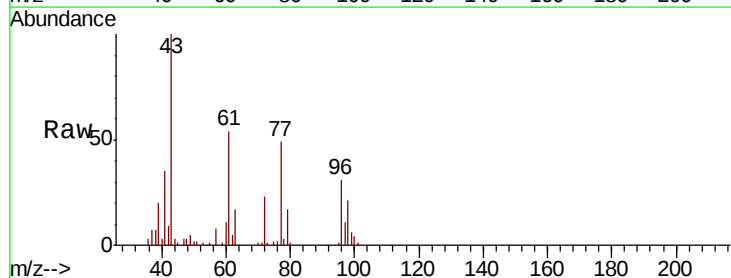
Instrument :
MSVOA_N
ClientSampled :

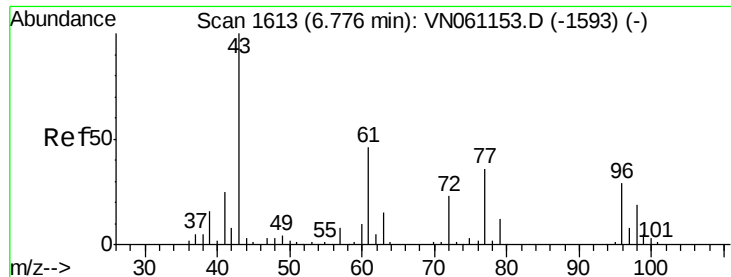
Tot Ion: 43 Resp: 109007
Ion Ratio Lower Upper
43 100
72 23.1 18.2 27.4



#26
2,2-Dichloropropane
Concen: 22.441 ug/l
RT: 6.77 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VN061305.D
Acq: 6 May 2020 13:27

Tgt Ion: 77 Resp: 51068
Ion Ratio Lower Upper
77 100
97 21.3 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 20.285 ug/l

RT: 6.78 min Scan# 1613

Delta R.T. 0.00 min

Lab File: VN061305.D

Acq: 6 May 2020 13:27

Instrument :
MSVOA_N
ClientSampled :

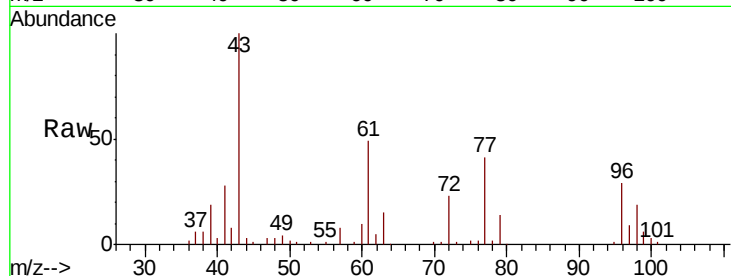
Tot Ion: 96 Resp: 31174

Ion Ratio Lower Upper

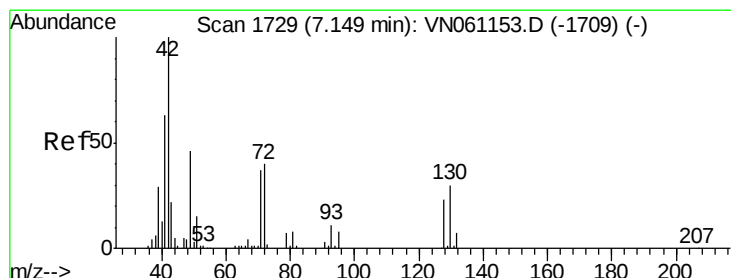
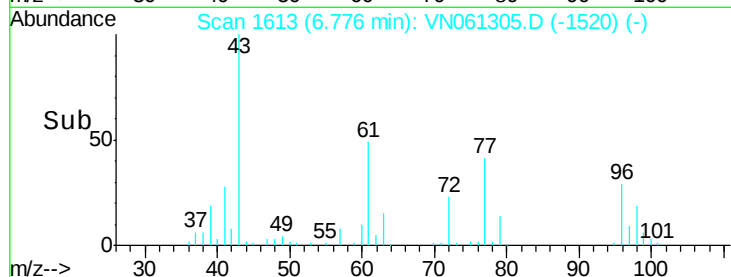
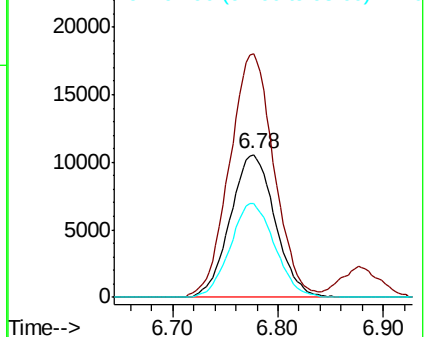
96 100

61 169.1 0.0 322.0

98 65.3 0.0 129.6



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



#28

Bromochloromethane

Concen: 23.573 ug/l

RT: 7.15 min Scan# 1728

Delta R.T. -0.00 min

Lab File: VN061305.D

Acq: 6 May 2020 13:27

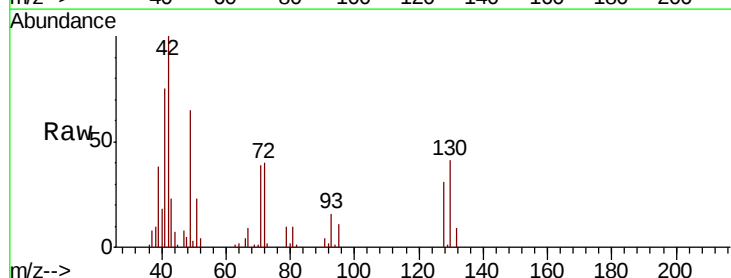
Tgt Ion: 49 Resp: 30187

Ion Ratio Lower Upper

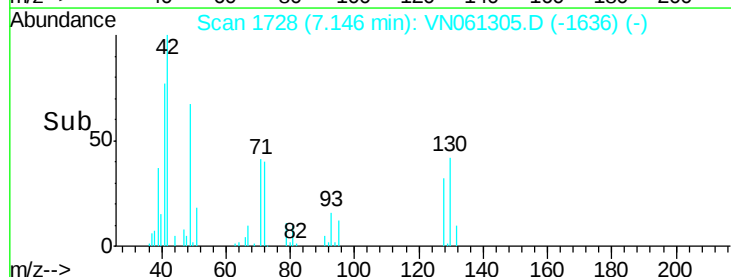
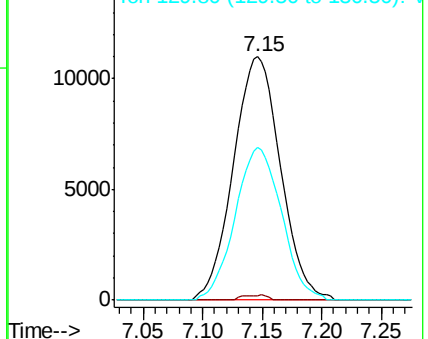
49 100

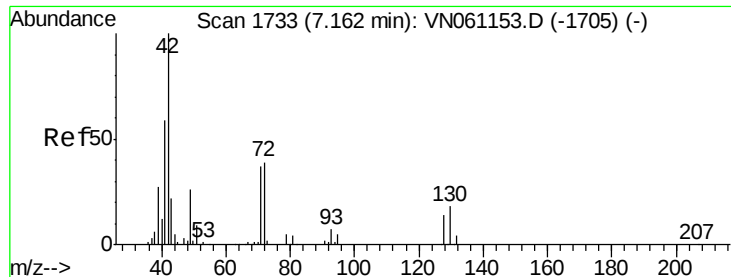
129 1.1 0.0 3.0

130 61.5 51.4 77.2



Abundance Ion 48.90 (48.60 to 49.60): VN0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

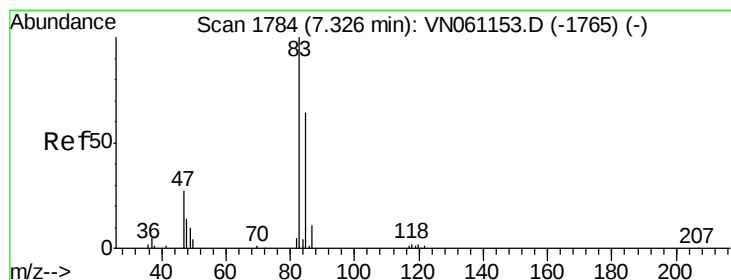
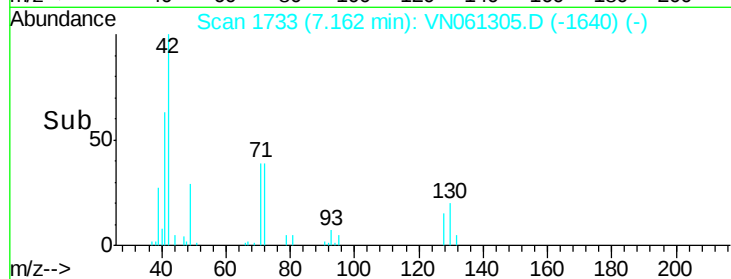
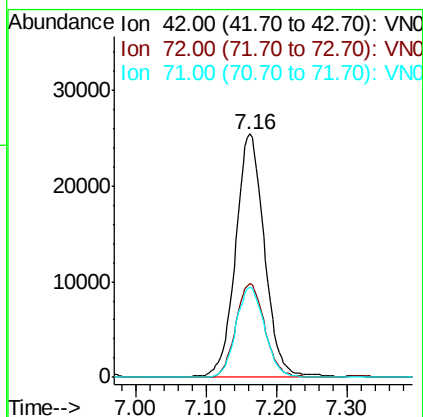
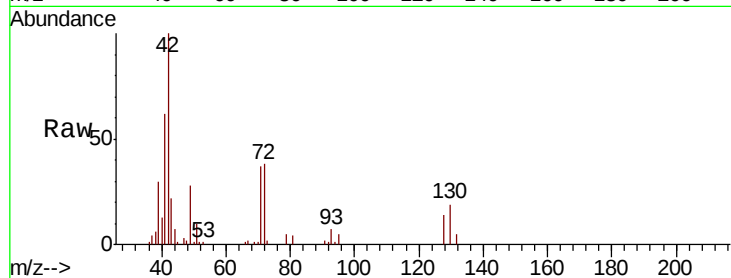




#29
Tetrahydrofuran
Concen: 101.393 ug/l
RT: 7.16 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN061305.D
Acq: 6 May 2020 13:27

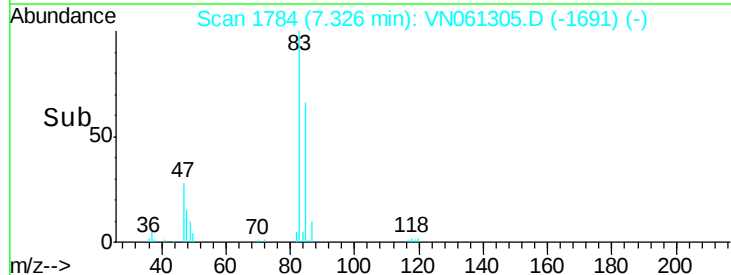
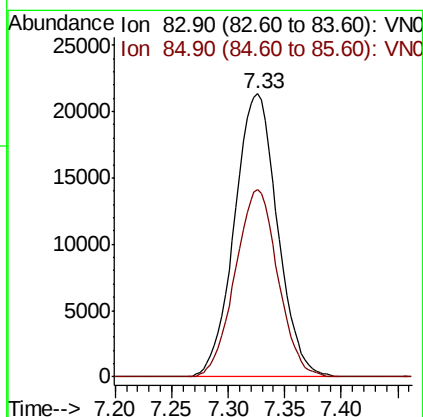
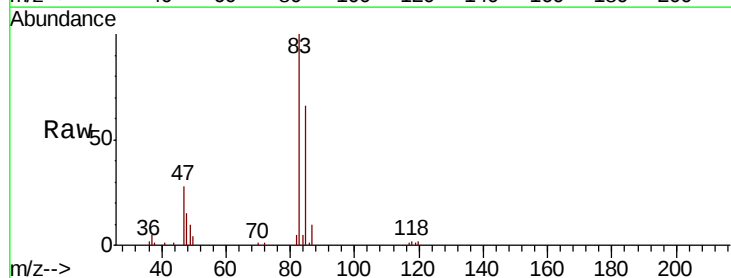
Instrument :
MSVOA_N
ClientSampleId :

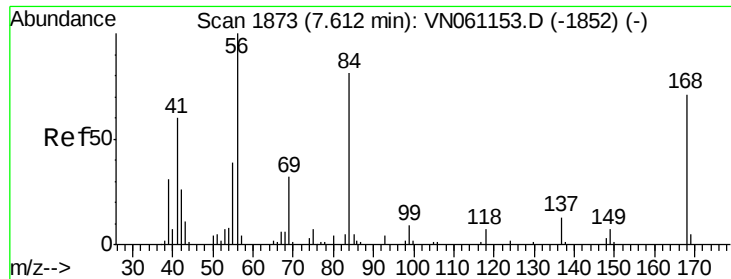
Tot Ion: 42 Resp: 72894
Ion Ratio Lower Upper
42 100
72 38.4 31.4 47.0
71 36.3 29.5 44.3



#30
Chloroform
Concen: 20.612 ug/l
RT: 7.33 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VN061305.D
Acq: 6 May 2020 13:27

Tgt Ion: 83 Resp: 56434
Ion Ratio Lower Upper
83 100
85 66.2 51.1 76.7

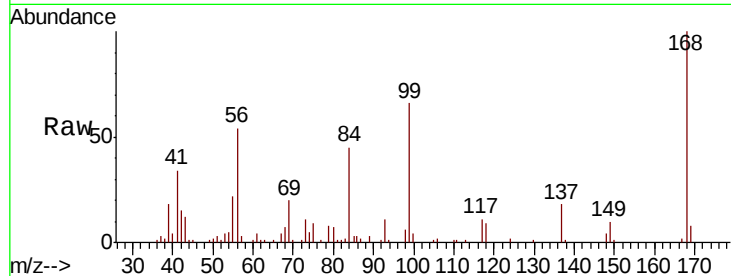




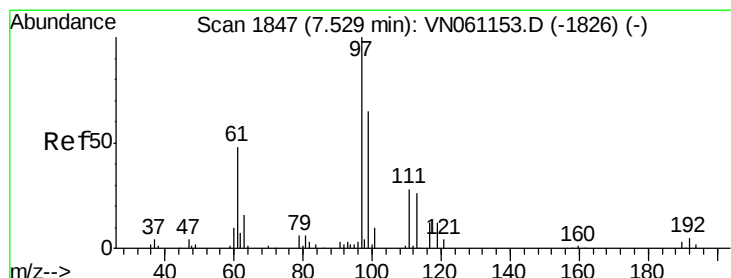
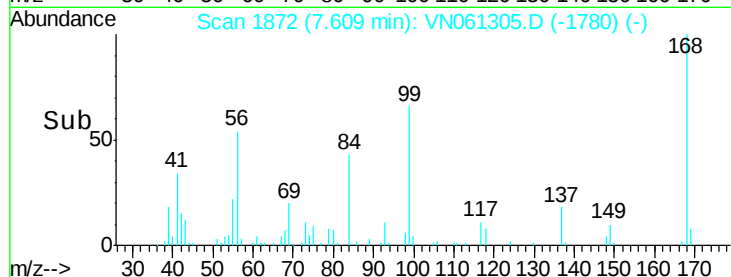
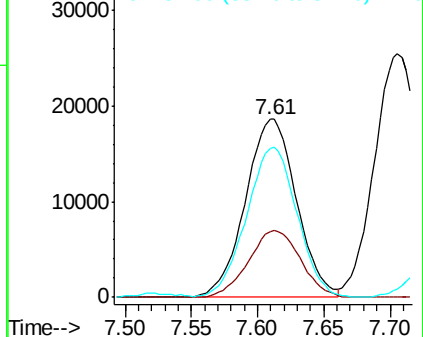
#31
Cyclohexane
Concen: 19.081 ug/l
RT: 7.61 min Scan# 1872
Delta R.T. -0.00 min
Lab File: VN061305.D
Acq: 6 May 2020 13:27

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 56 Resp: 50066
Ion Ratio Lower Upper
56 100
69 36.6 25.7 38.5
84 82.8 64.6 97.0

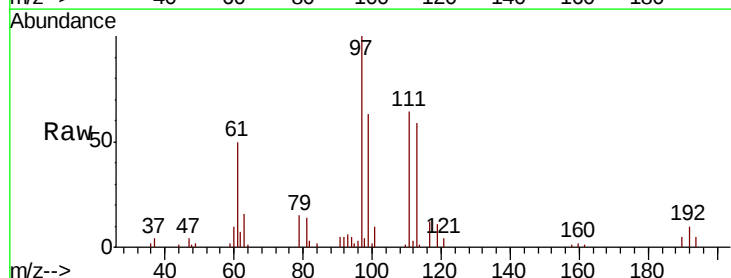


Abundance Ion 56.00 (55.70 to 56.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 84.00 (83.70 to 84.70): VN0

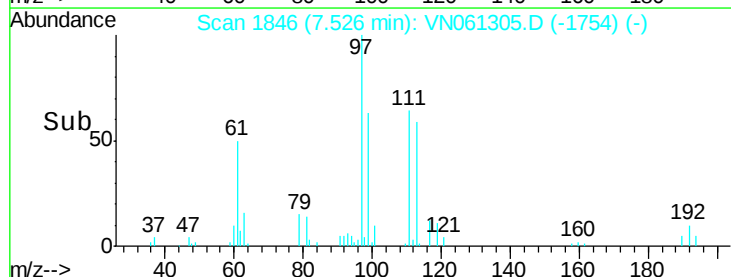
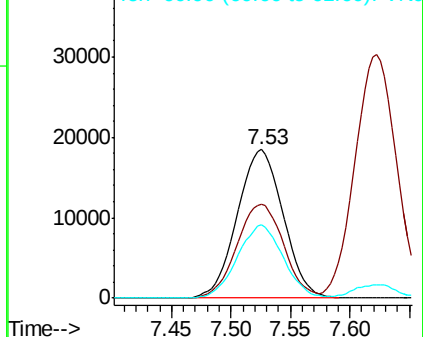


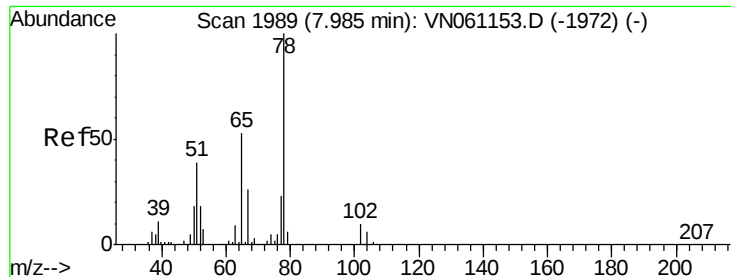
#32
1,1,1-Trichloroethane
Concen: 20.745 ug/l
RT: 7.53 min Scan# 1846
Delta R.T. -0.00 min
Lab File: VN061305.D
Acq: 6 May 2020 13:27

Tgt Ion: 97 Resp: 49460
Ion Ratio Lower Upper
97 100
99 64.2 51.3 76.9
61 49.3 38.6 57.8



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

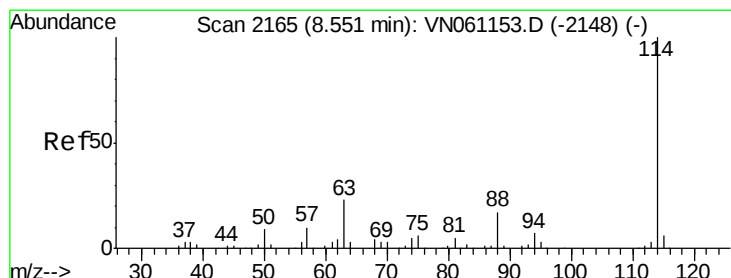
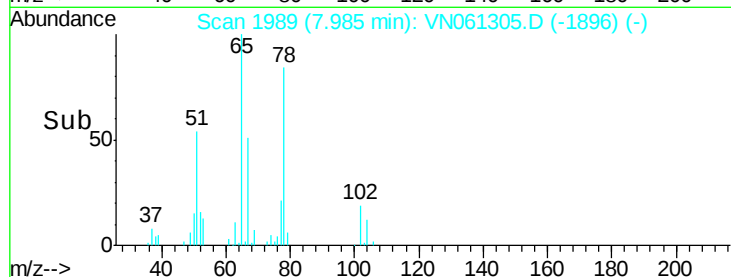
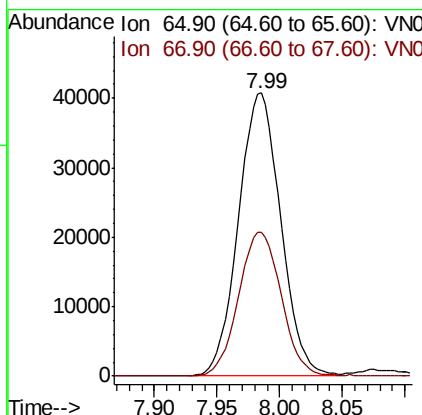
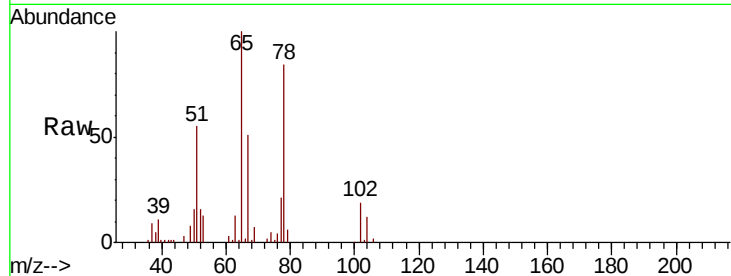




#33
 1,2-Dichloroethane-d4
 Concen: 53.030 ug/l
 RT: 7.99 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN061305.D
 Acq: 6 May 2020 13:27

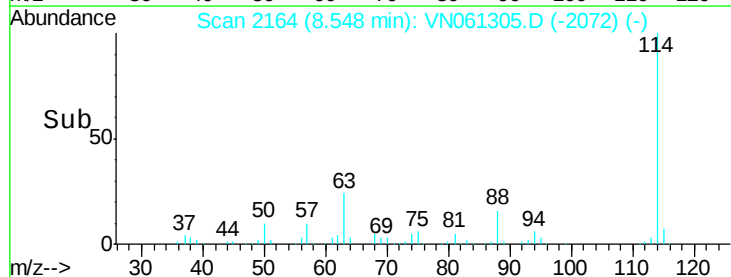
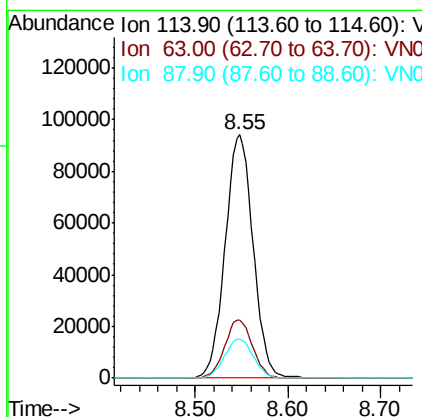
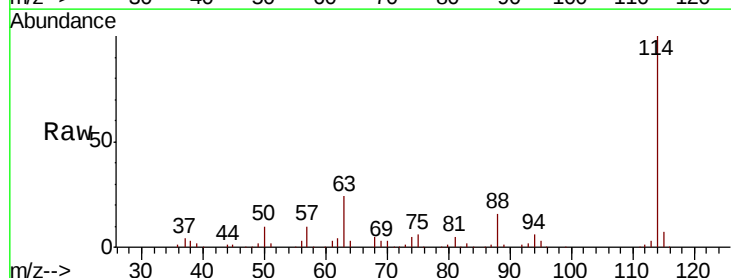
Instrument :
 MSVOA_N
 ClientSampleId :

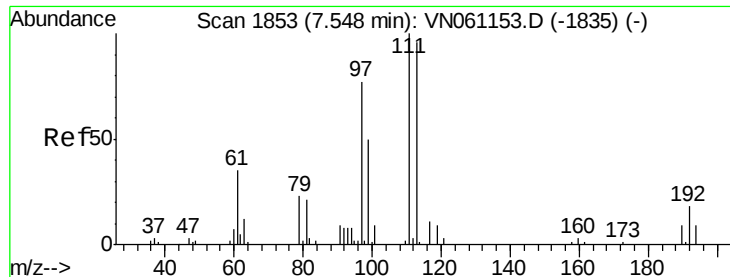
Tot Ion: 65 Resp: 95646
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2164
 Delta R.T. -0.00 min
 Lab File: VN061305.D
 Acq: 6 May 2020 13:27

Tgt Ion: 114 Resp: 196665
 Ion Ratio Lower Upper
 114 100
 63 23.8 0.0 46.6
 88 16.0 0.0 33.4

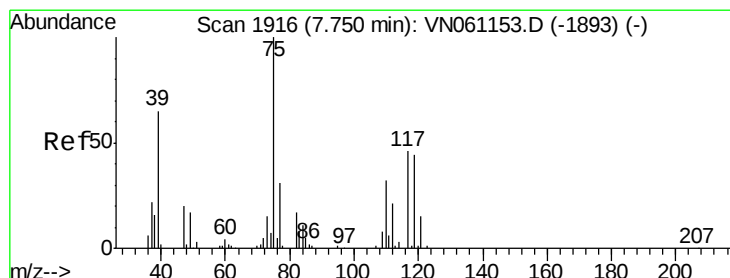
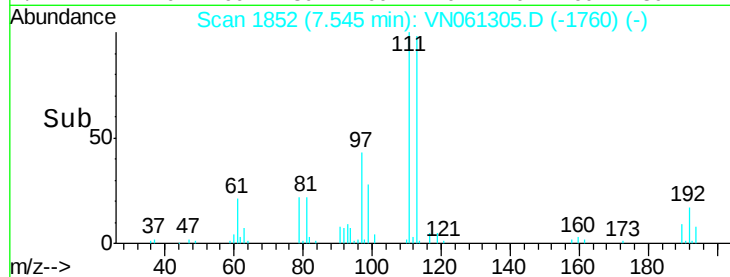
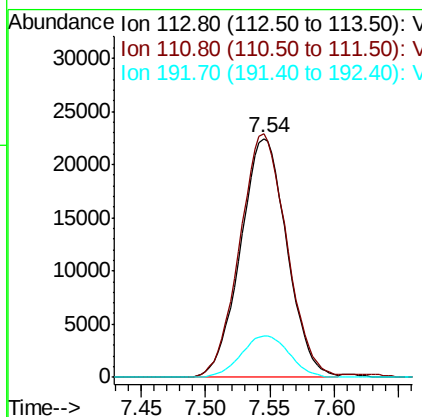
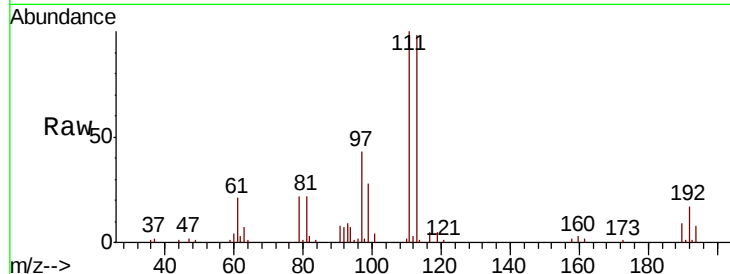




#35
 Dibromofluoromethane
 Concen: 48.446 ug/l
 RT: 7.54 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VN061305.D
 Acq: 6 May 2020 13:27

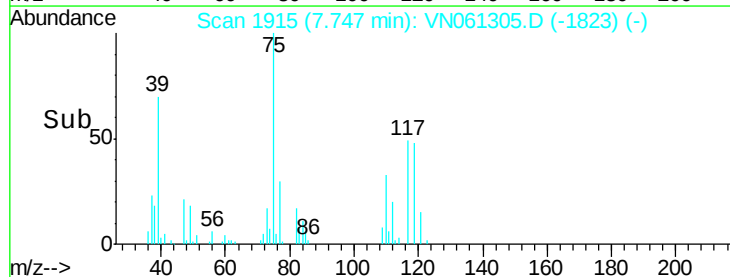
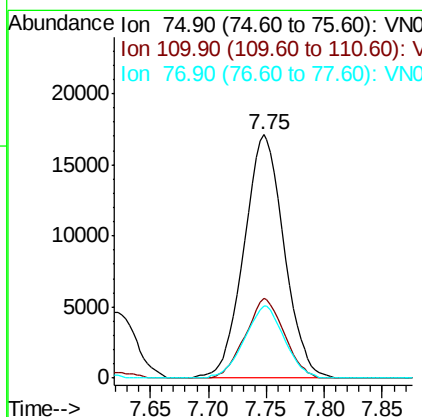
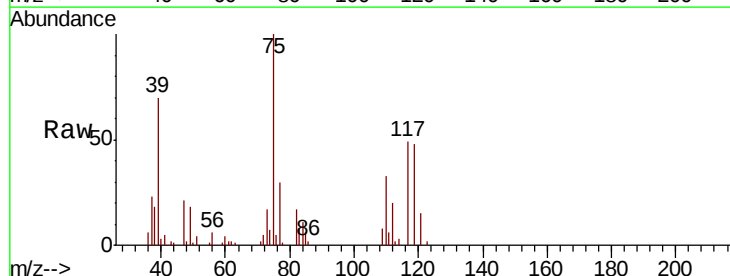
Instrument :
 MSVOA_N
 ClientSampleId :

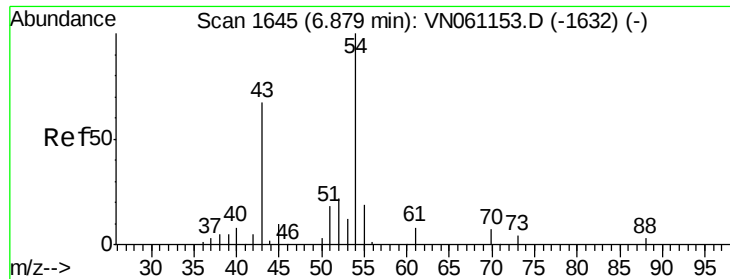
Tot Ion:113 Resp: 56339
 Ion Ratio Lower Upper
 113 100
 111 103.6 82.9 124.3
 192 17.9 14.7 22.1



#36
 1,1-Dichloropropene
 Concen: 20.961 ug/l
 RT: 7.75 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VN061305.D
 Acq: 6 May 2020 13:27

Tgt Ion: 75 Resp: 41266
 Ion Ratio Lower Upper
 75 100
 110 31.6 16.0 48.0
 77 29.4 24.6 37.0

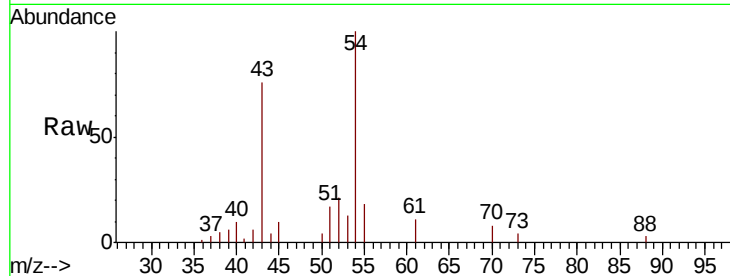




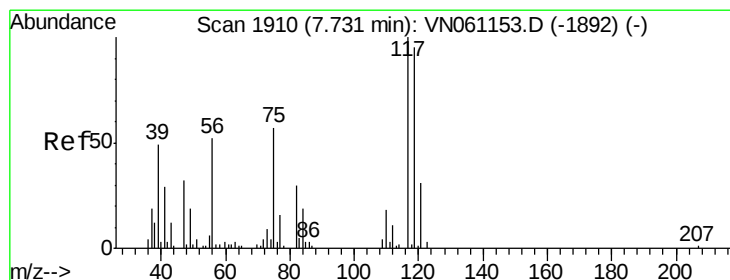
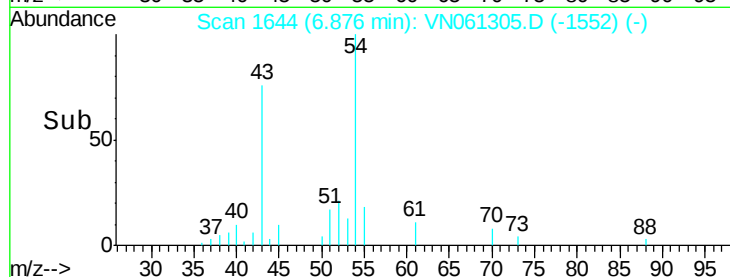
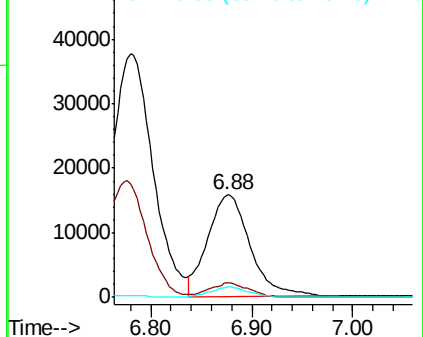
#37
Ethyl Acetate
Concen: 19.853 ug/l
RT: 6.88 min Scan# 1644
Delta R.T. -0.00 min
Lab File: VN061305.D
Acq: 6 May 2020 13:27

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 45820
Ion Ratio Lower Upper
43 100
61 12.9 10.2 15.2
70 9.0 7.2 10.8

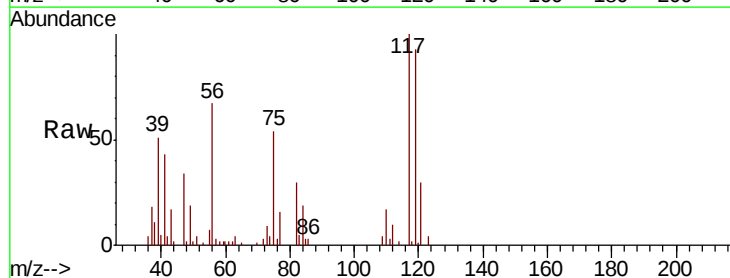


Abundance Ion 43.00 (42.70 to 43.70): VN061305.D (-1552) (-)
Ion 60.90 (60.60 to 61.60): VN061305.D (-1552) (-)
Ion 70.00 (69.70 to 70.70): VN061305.D (-1552) (-)

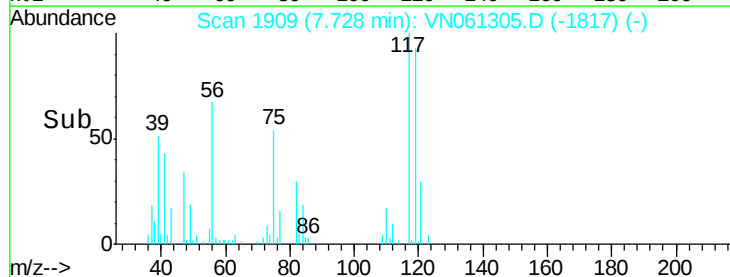
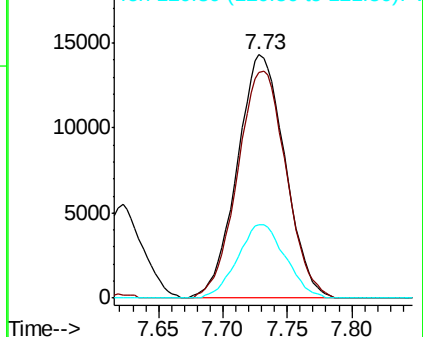


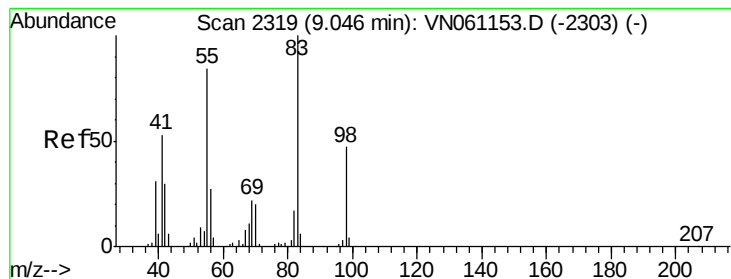
#38
Carbon Tetrachloride
Concen: 21.923 ug/l
RT: 7.73 min Scan# 1909
Delta R.T. -0.00 min
Lab File: VN061305.D
Acq: 6 May 2020 13:27

Tgt Ion: 117 Resp: 36961
Ion Ratio Lower Upper
117 100
119 92.8 75.8 113.6
121 30.4 24.7 37.1



Abundance Ion 116.80 (116.50 to 117.50): VN061305.D (-1817) (-)
Ion 118.80 (118.50 to 119.50): VN061305.D (-1817) (-)
Ion 120.80 (120.50 to 121.50): VN061305.D (-1817) (-)

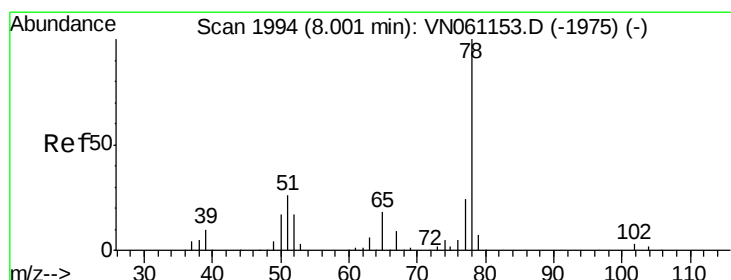
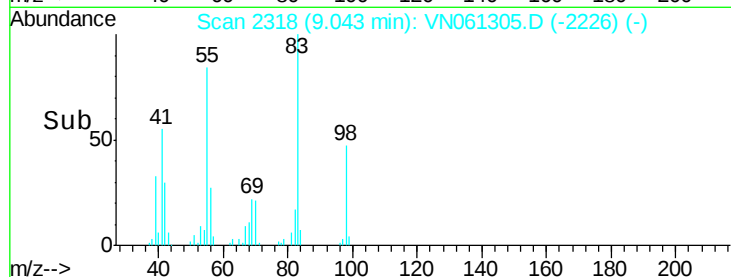
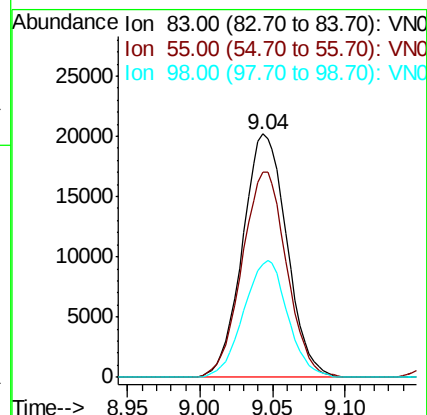
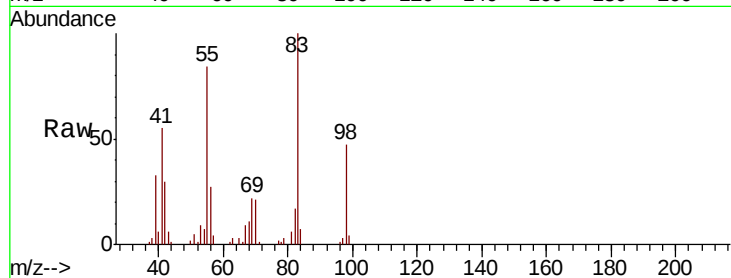




#39
Methvlcvclohexane
Concen: 19.413 ug/l
RT: 9.04 min Scan# 2318
Delta R.T. -0.00 min
Lab File: VN061305.D
Acq: 6 May 2020 13:27

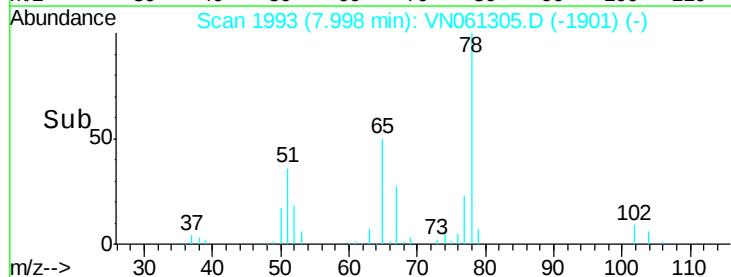
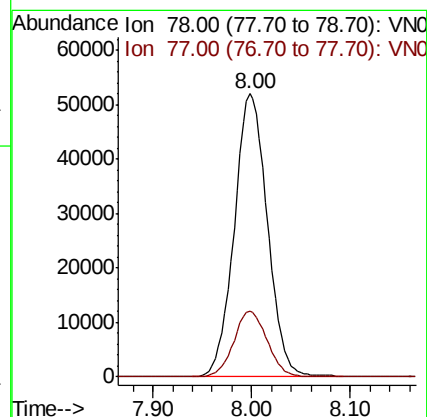
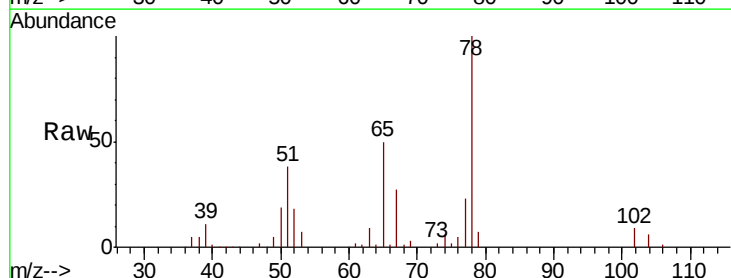
Instrument :
MSVOA_N
ClientSampled :

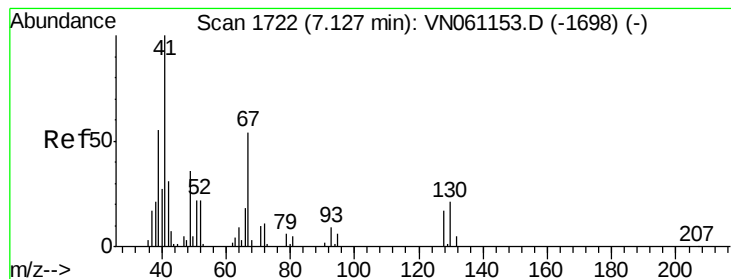
Tot Ion: 83 Resp: 42861
Ion Ratio Lower Upper
83 100
55 84.4 67.3 100.9
98 46.7 37.7 56.5



#40
Benzene
Concen: 20.755 ug/l
RT: 8.00 min Scan# 1993
Delta R.T. -0.00 min
Lab File: VN061305.D
Acq: 6 May 2020 13:27

Tgt Ion: 78 Resp: 121731
Ion Ratio Lower Upper
78 100
77 23.4 19.0 28.6





#41

Methacrylonitrile

Concen: 20.396 ug/l

RT: 7.12 min Scan# 1719

Delta R.T. -0.01 min

Lab File: VN061305.D

Acq: 6 May 2020 13:27

Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 41 Resp: 19545

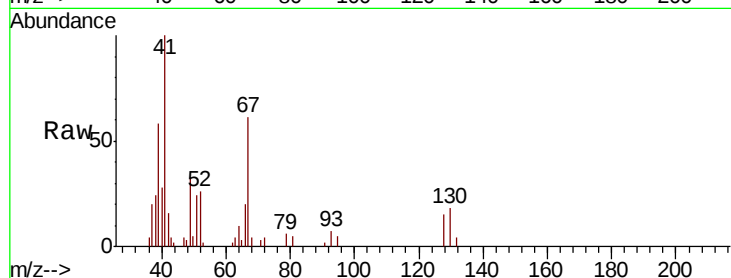
Ion Ratio Lower Upper

41 100

39 67.1 0.0 0.0#

67 82.8 0.0 0.0#

52 37.1 0.0 0.0#



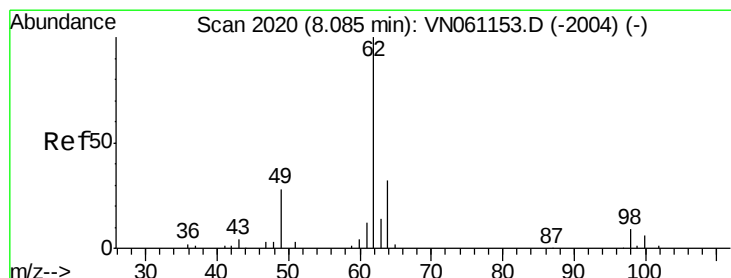
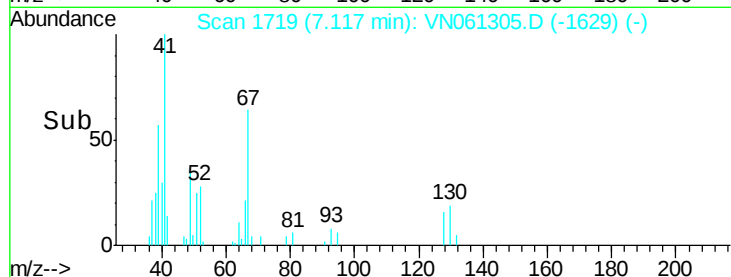
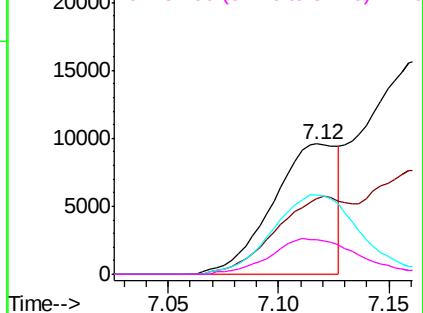
Abundance

Ion 41.00 (40.70 to 41.70): VNC

Ion 39.00 (38.70 to 39.70): VNC

Ion 67.00 (66.70 to 67.70): VNC

Ion 52.00 (51.70 to 52.70): VNC



#42

1,2-Dichloroethane

Concen: 21.931 ug/l

RT: 8.08 min Scan# 2019

Delta R.T. -0.00 min

Lab File: VN061305.D

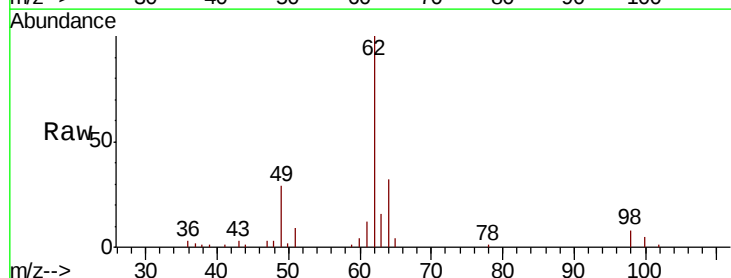
Acq: 6 May 2020 13:27

Tgt Ion: 62 Resp: 48730

Ion Ratio Lower Upper

62 100

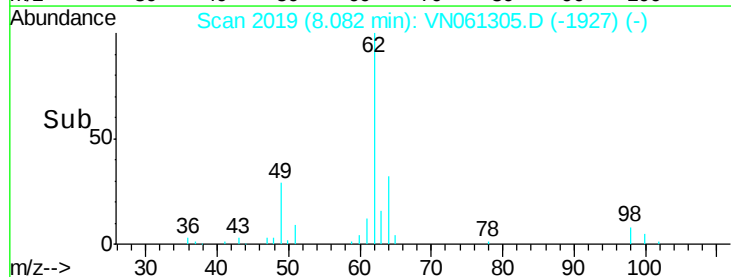
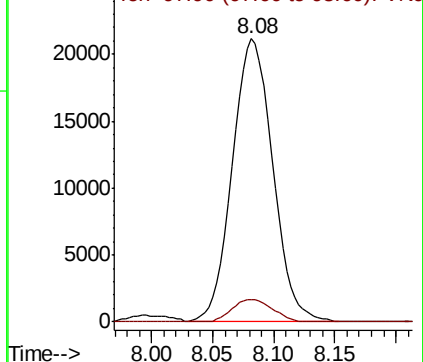
98 7.9 0.0 16.8

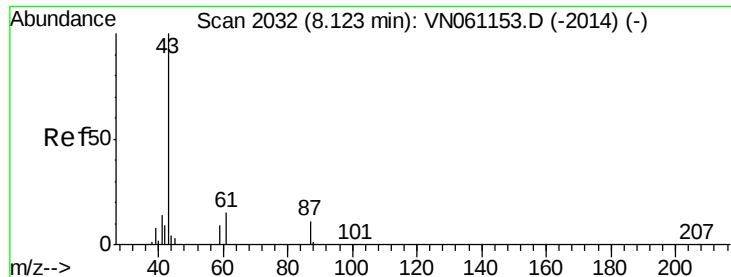


Abundance

Ion 61.90 (61.60 to 62.60): VNC

Ion 97.90 (97.60 to 98.60): VNC

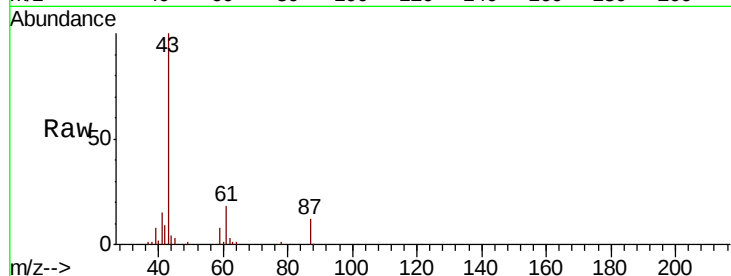




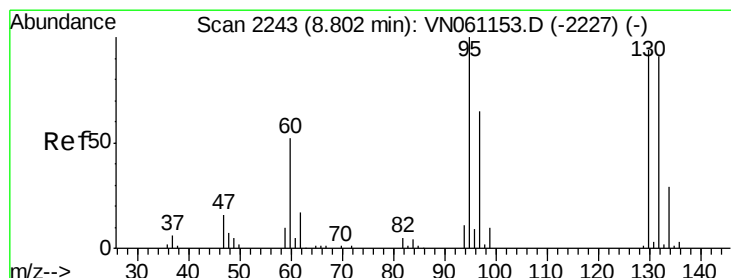
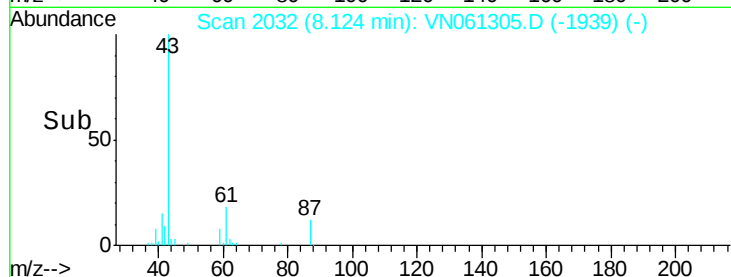
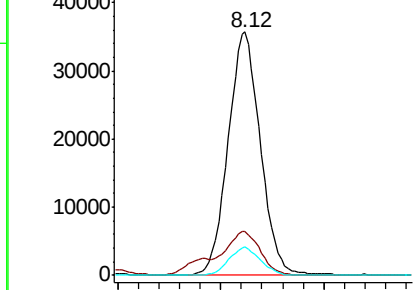
#43
Isopropyl Acetate
Concen: 20.327 ug/l
RT: 8.12 min Scan# 2032
Delta R.T. 0.00 min
Lab File: VN061305.D
Acq: 6 May 2020 13:27

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 43 Resp: 77861
Ion Ratio Lower Upper
43 100
61 18.5 19.5 29.3#
87 11.2 8.9 13.3

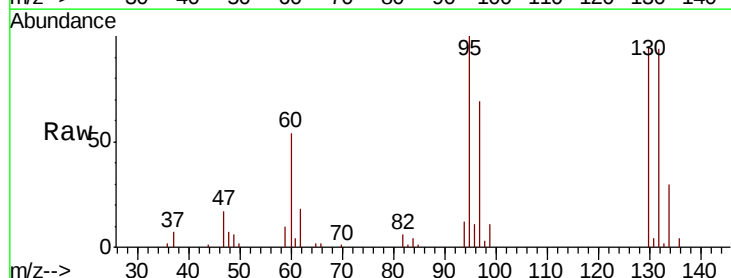


Abundance Ion 43.00 (42.70 to 43.70): VN0
Ion 61.00 (60.70 to 61.70): VN0
Ion 87.00 (86.70 to 87.70): VN0

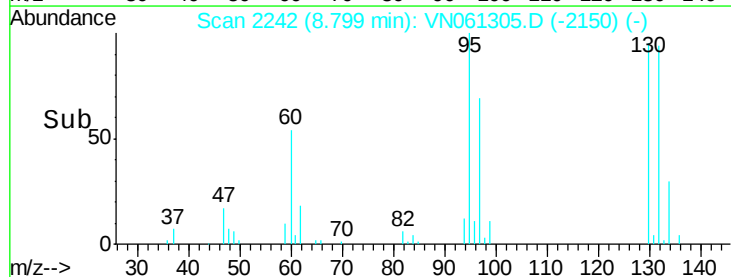
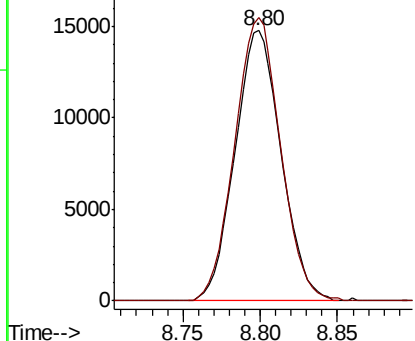


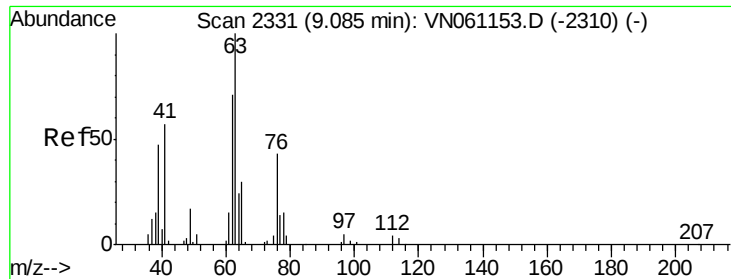
#44
Trichloroethene
Concen: 19.309 ug/l
RT: 8.80 min Scan# 2242
Delta R.T. -0.00 min
Lab File: VN061305.D
Acq: 6 May 2020 13:27

Tgt Ion:130 Resp: 30615
Ion Ratio Lower Upper
130 100
95 104.8 0.0 212.4



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VN0





#45

1,2-Dichloropropane

Concen: 21.238 ug/l

RT: 9.08 min Scan# 2330

Delta R.T. -0.00 min

Lab File: VN061305.D

Acq: 6 May 2020 13:27

Instrument :

MSVOA_N

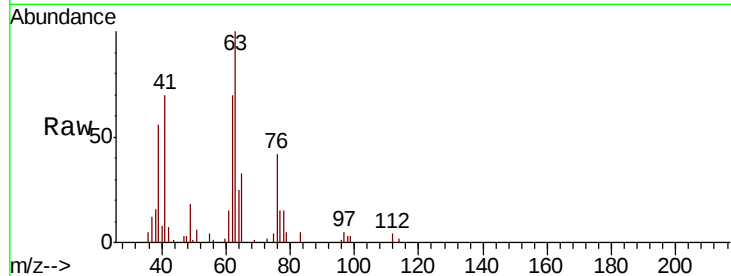
ClientSampleId :

Tot Ion: 63 Resp: 33279

Ion Ratio Lower Upper

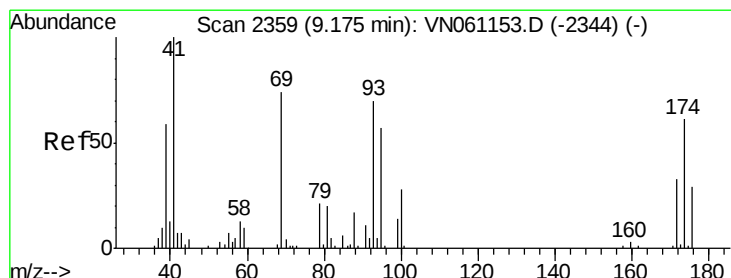
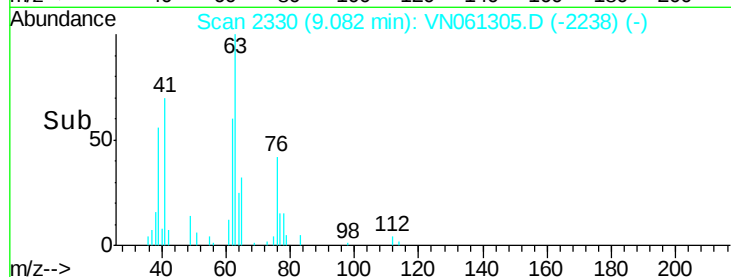
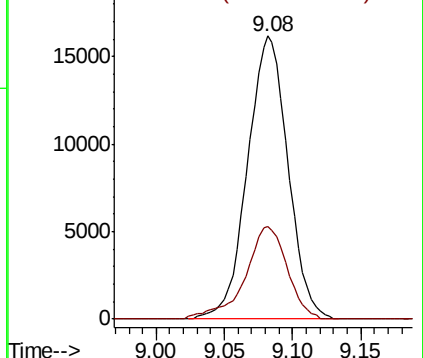
63 100

65 32.7 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 64.90 (64.60 to 65.60): VN0



#46

Dibromomethane

Concen: 21.497 ug/l

RT: 9.17 min Scan# 2358

Delta R.T. -0.00 min

Lab File: VN061305.D

Acq: 6 May 2020 13:27

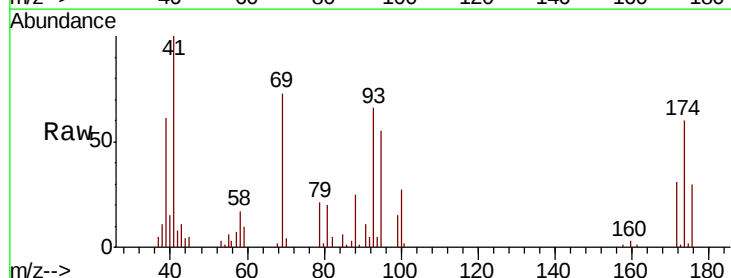
Tgt Ion: 93 Resp: 20857

Ion Ratio Lower Upper

93 100

95 79.9 66.6 99.8

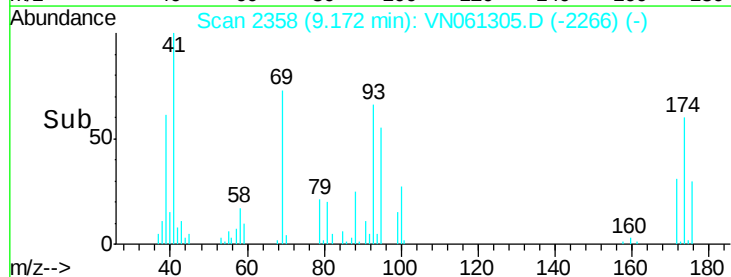
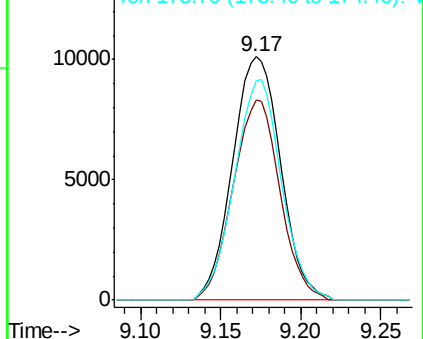
174 88.2 70.2 105.2

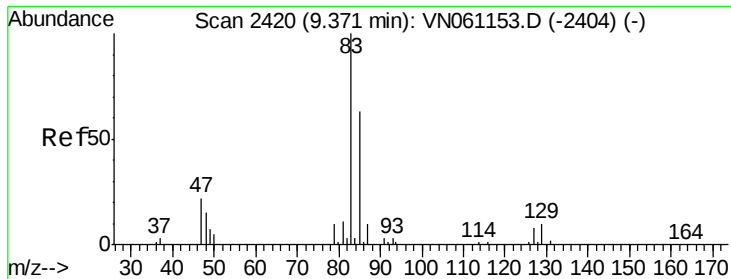


Abundance Ion 92.80 (92.50 to 93.50): VN0

Ion 94.80 (94.50 to 95.50): VN0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 21.691 ug/l

RT: 9.37 min Scan# 2419

Delta R.T. -0.00 min

Lab File: VN061305.D

Acq: 6 May 2020 13:27

Instrument :

MSVOA_N

ClientSampled :

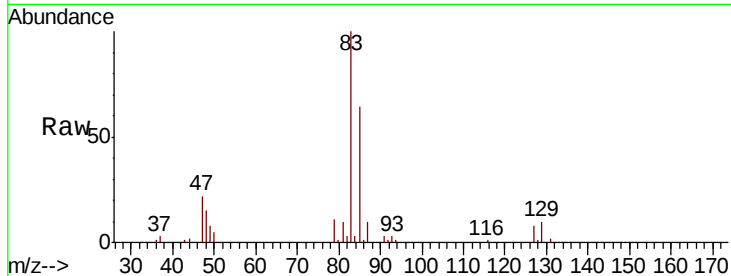
Tot Ion: 83 Resp: 45170

Ion Ratio Lower Upper

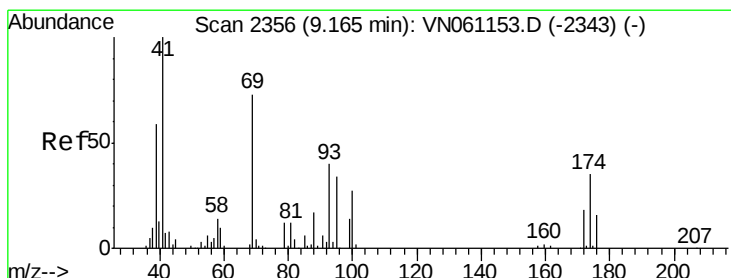
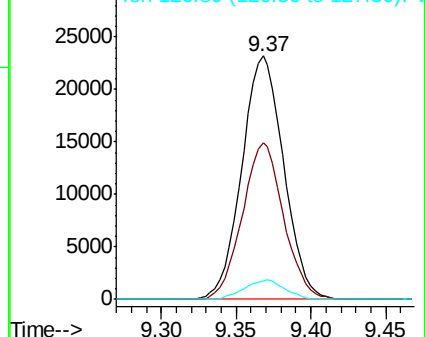
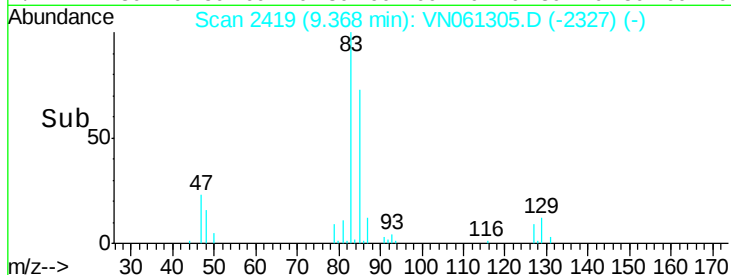
83 100

85 64.2 50.4 75.6

127 7.7 6.2 9.2



Abundance Ion 82.90 (82.60 to 83.60): VN061305.D (-2327) (-)



#48

Methyl methacrylate

Concen: 20.217 ug/l

RT: 9.16 min Scan# 2355

Delta R.T. -0.00 min

Lab File: VN061305.D

Acq: 6 May 2020 13:27

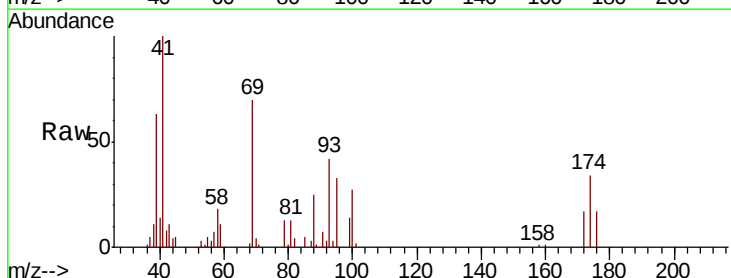
Tgt Ion: 41 Resp: 34945

Ion Ratio Lower Upper

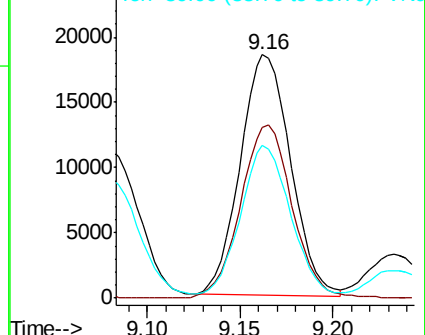
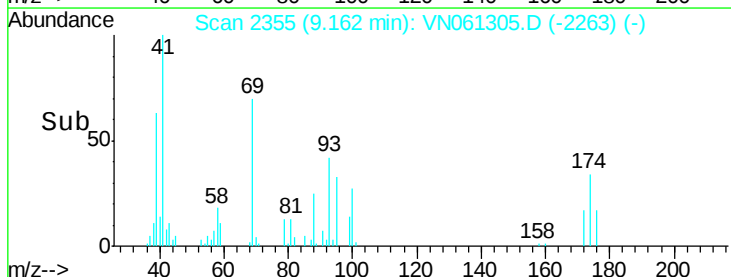
41 100

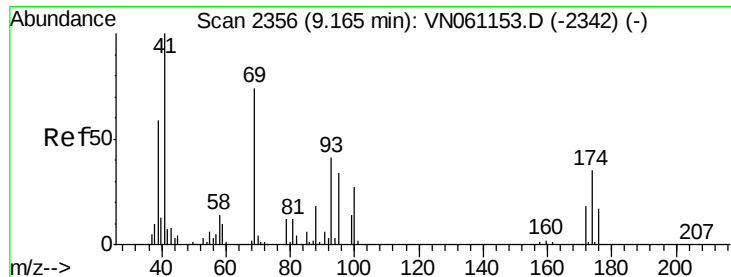
69 73.8 60.3 90.5

39 64.1 47.4 71.0



Abundance Ion 41.00 (40.70 to 41.70): VN061305.D (-2263) (-)

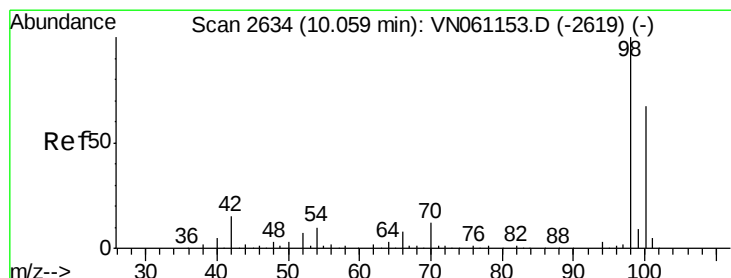
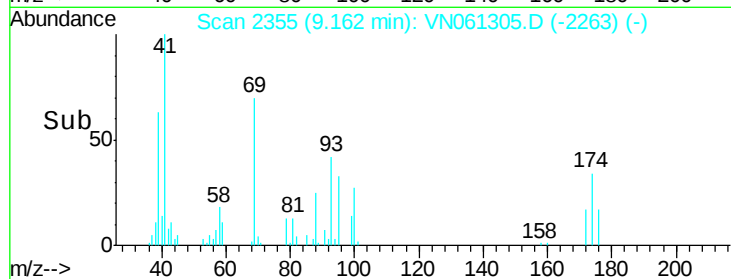
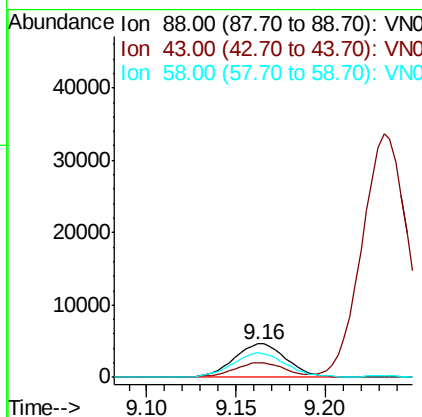
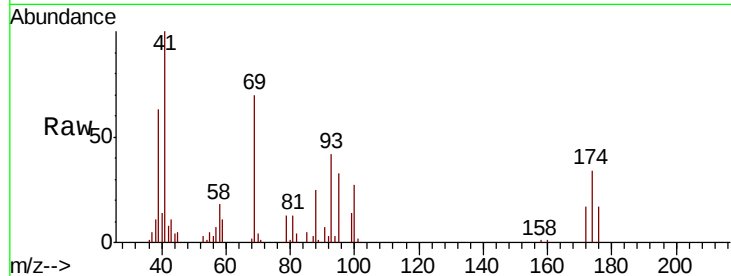




#49
1,4-Dioxane
Concen: 479.202 ug/l
RT: 9.16 min Scan# 2355
Delta R.T. -0.00 min
Lab File: VN061305.D
Acq: 6 May 2020 13:27

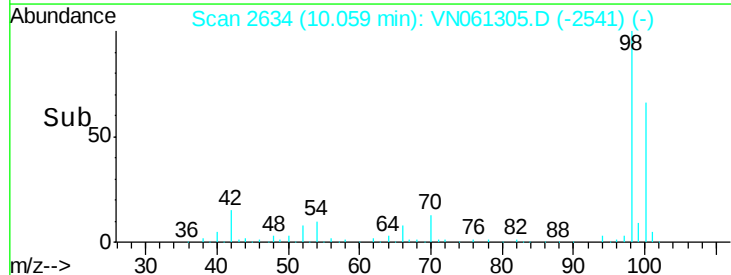
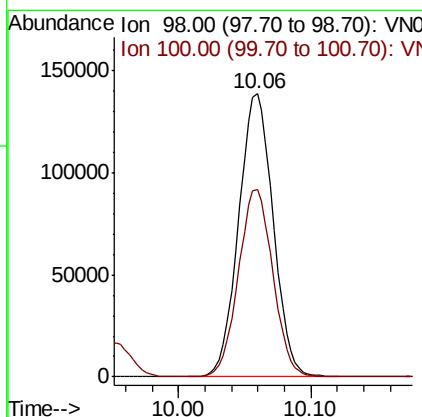
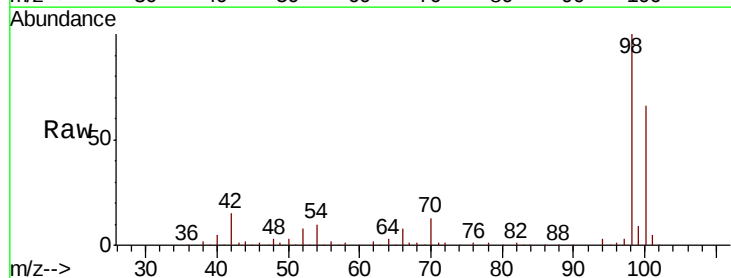
Instrument :
MSVOA_N
ClientSampleId :

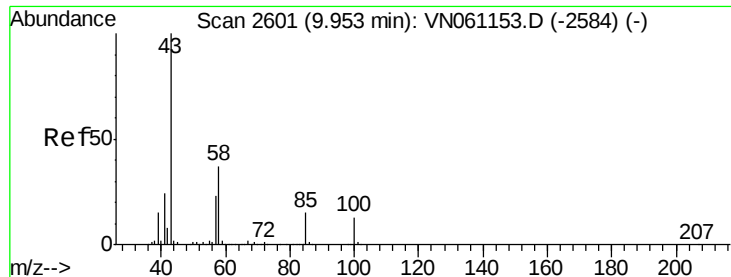
Tot Ion: 88 Resp: 9402
Ion Ratio Lower Upper
88 100
43 43.5 35.3 52.9
58 74.6 61.5 92.3



#50
Toluene-d8
Concen: 53.006 ug/l
RT: 10.06 min Scan# 2634
Delta R.T. 0.00 min
Lab File: VN061305.D
Acq: 6 May 2020 13:27

Tgt Ion: 98 Resp: 251287
Ion Ratio Lower Upper
98 100
100 66.2 53.4 80.0





#51

4-Methyl-2-Pentanone

Concen: 103.127 ug/l

RT: 9.95 min Scan# 2600

Delta R.T. -0.00 min

Lab File: VN061305.D

Acq: 6 May 2020 13:27

Instrument :

MSVOA_N

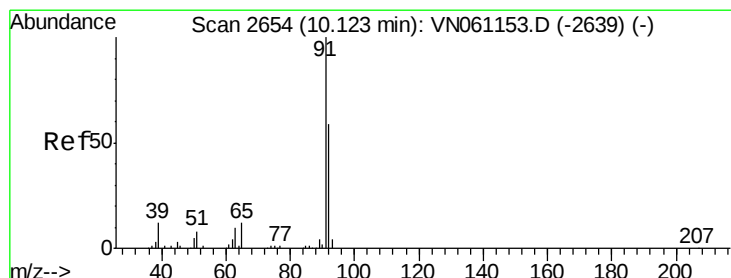
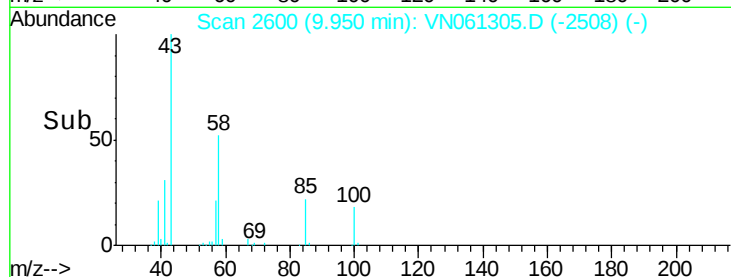
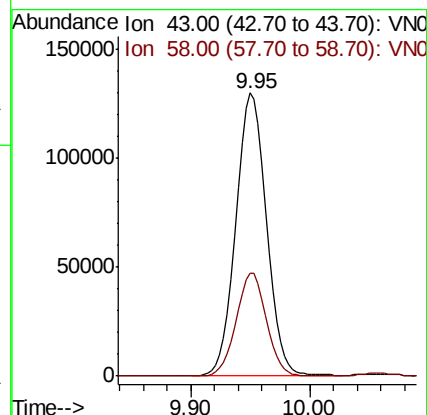
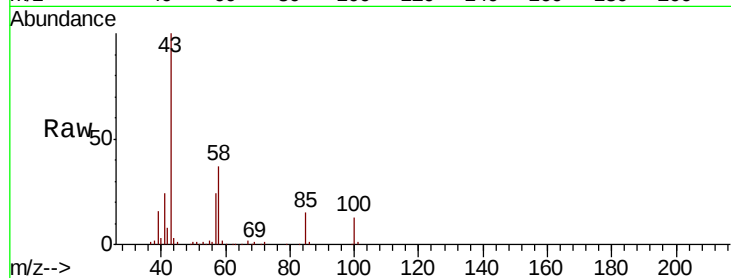
ClientSampled :

Tot Ion: 43 Resp: 232510

Ion Ratio Lower Upper

43 100

58 36.0 29.1 43.7



#52

Toluene

Concen: 21.046 ug/l

RT: 10.12 min Scan# 2654

Delta R.T. 0.00 min

Lab File: VN061305.D

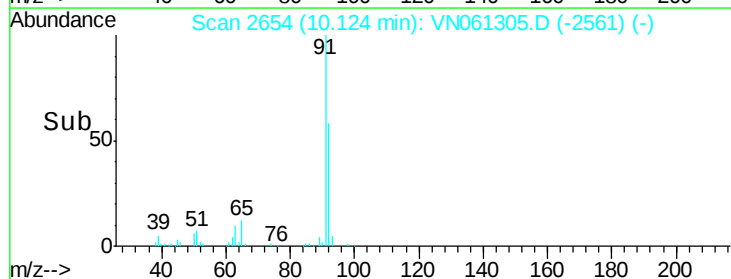
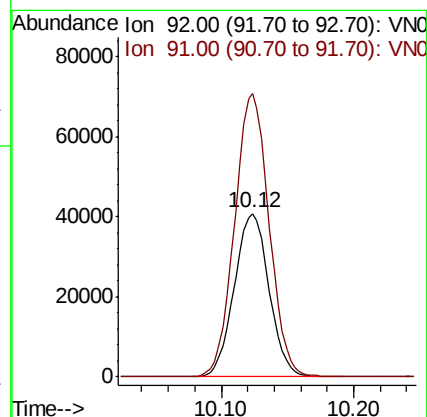
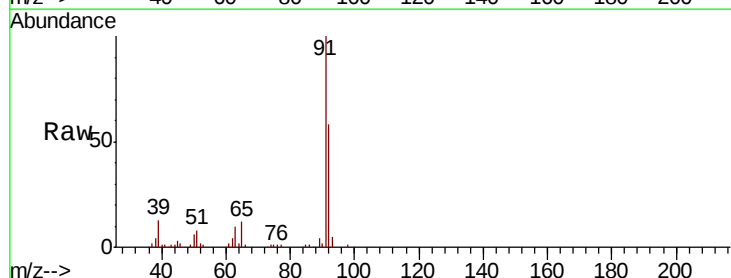
Acq: 6 May 2020 13:27

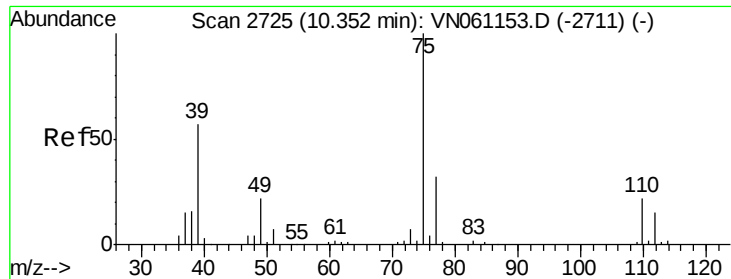
Tgt Ion: 92 Resp: 74353

Ion Ratio Lower Upper

92 100

91 172.0 136.2 204.2

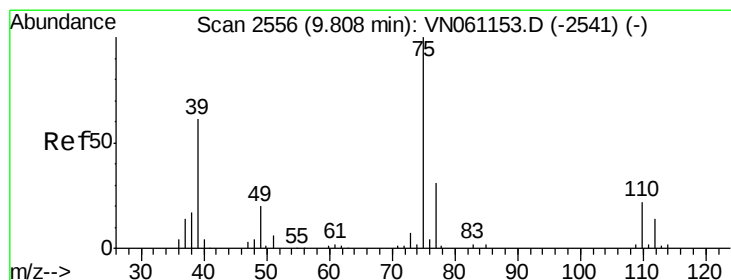
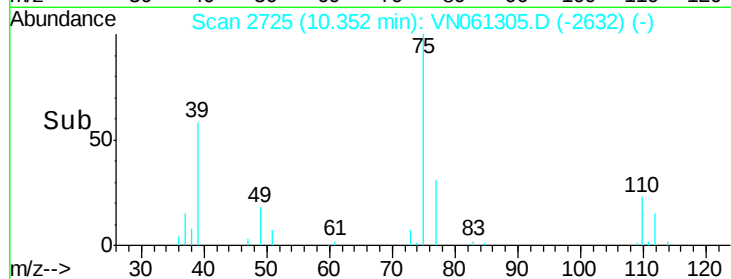
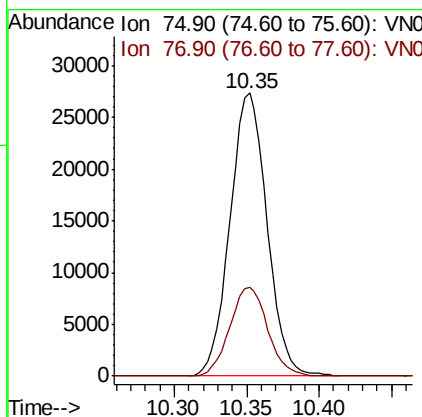
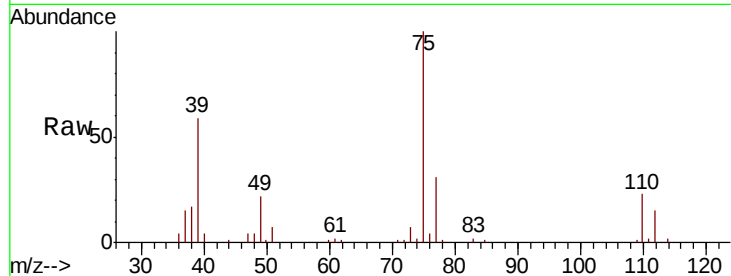




#53
t-1,3-Dichloropropene
Concen: 20.658 ug/l
RT: 10.35 min Scan# 2725
Delta R.T. 0.00 min
Lab File: VN061305.D
Acq: 6 May 2020 13:27

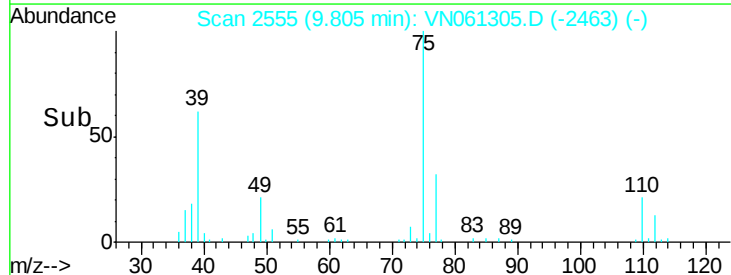
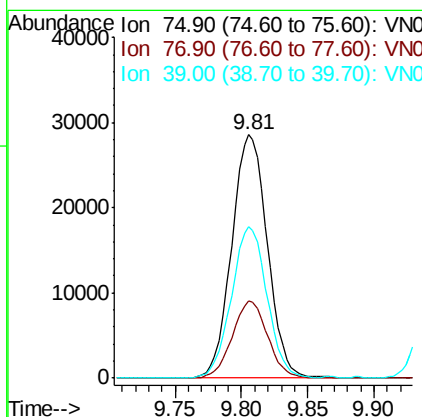
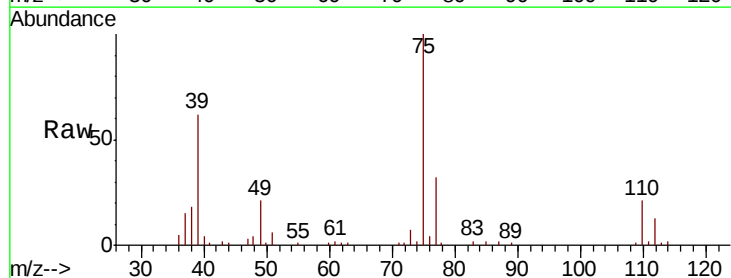
Instrument :
MSVOA_N
ClientSampleId :

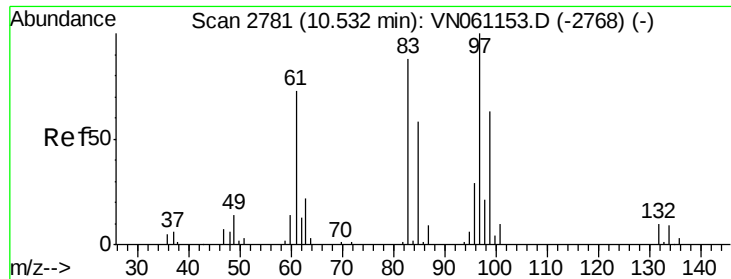
Tot Ion: 75 Resp: 48474
Ion Ratio Lower Upper
75 100
77 31.3 25.5 38.3



#54
cis-1,3-Dichloropropene
Concen: 21.479 ug/l
RT: 9.81 min Scan# 2555
Delta R.T. -0.00 min
Lab File: VN061305.D
Acq: 6 May 2020 13:27

Tgt Ion: 75 Resp: 53282
Ion Ratio Lower Upper
75 100
77 31.7 25.0 37.4
39 62.0 48.7 73.1

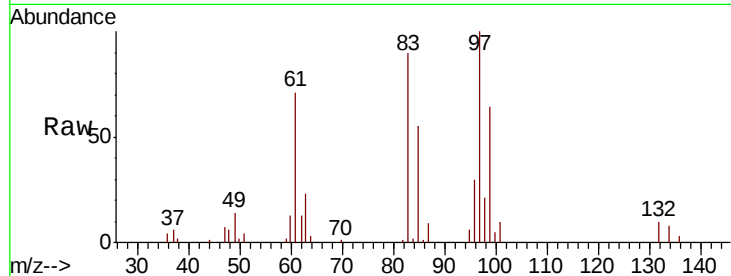




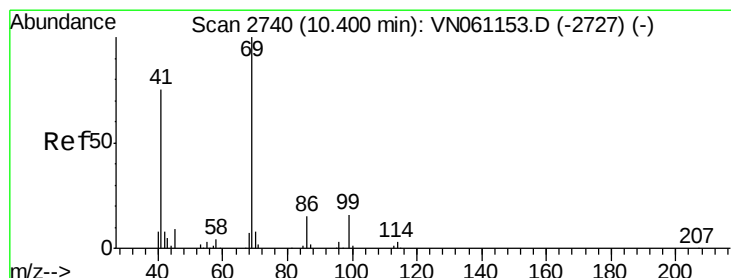
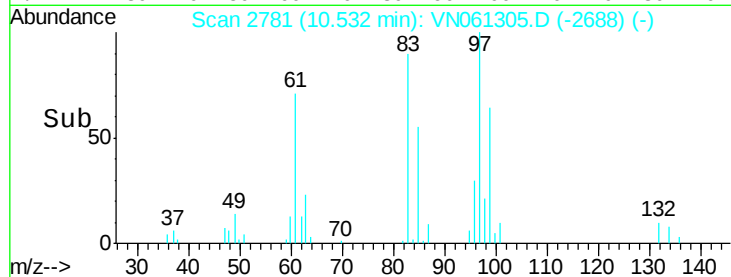
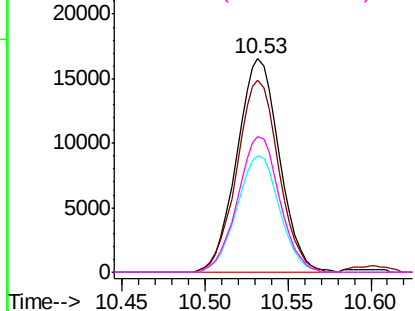
#55
 1,1,2-Trichloroethane
 Concen: 20.914 ug/l
 RT: 10.53 min Scan# 2781
 Delta R.T. 0.00 min
 Lab File: VN061305.D
 Acq: 6 May 2020 13:27

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:	97	Resp:	29471
Ion	Ratio	Lower	Upper
97	100		
83	90.0	70.6	106.0
85	54.8	46.4	69.6
99	63.6	50.6	75.8

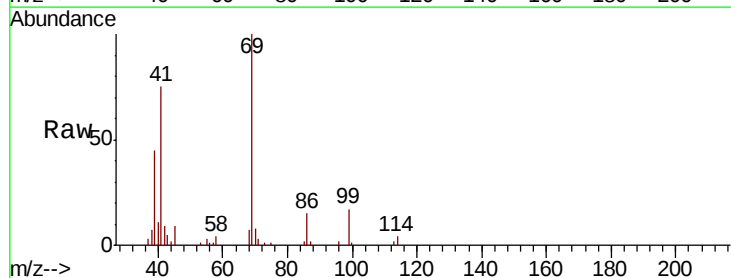


Abundance Ion 96.90 (96.60 to 97.60): VN061305.D (-2688) (-)
 Ion 82.90 (82.60 to 83.60): VN061305.D (-2688) (-)
 Ion 84.90 (84.60 to 85.60): VN061305.D (-2688) (-)
 Ion 98.90 (98.60 to 99.60): VN061305.D (-2688) (-)

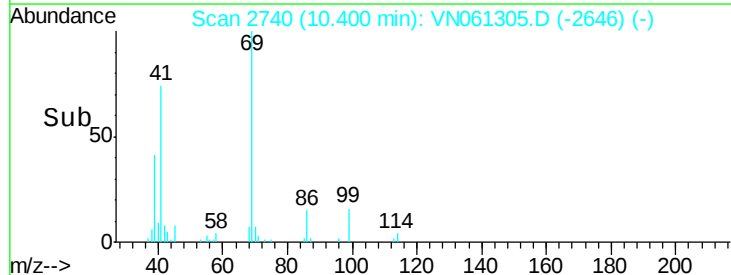
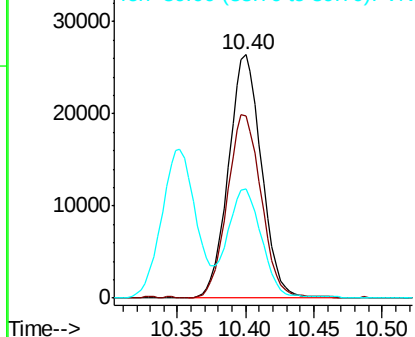


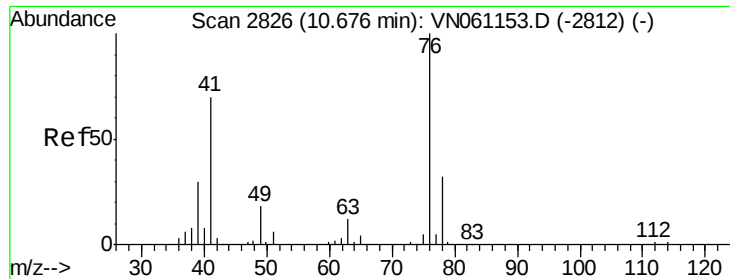
#56
 Ethyl methacrylate
 Concen: 19.857 ug/l
 RT: 10.40 min Scan# 2740
 Delta R.T. 0.00 min
 Lab File: VN061305.D
 Acq: 6 May 2020 13:27

Tgt Ion:	69	Resp:	44491
Ion	Ratio	Lower	Upper
69	100		
41	77.7	60.3	90.5
39	44.7	35.9	53.9



Abundance Ion 69.00 (68.70 to 69.70): VN061305.D (-2646) (-)
 Ion 41.00 (40.70 to 41.70): VN061305.D (-2646) (-)
 Ion 39.00 (38.70 to 39.70): VN061305.D (-2646) (-)

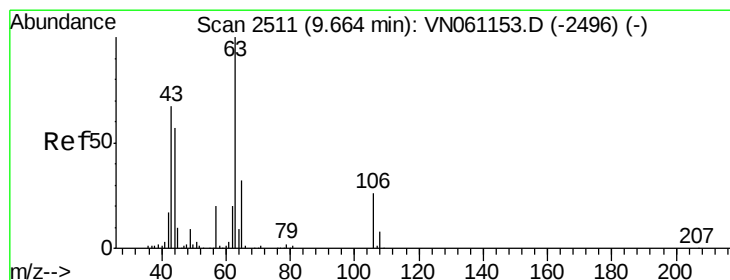
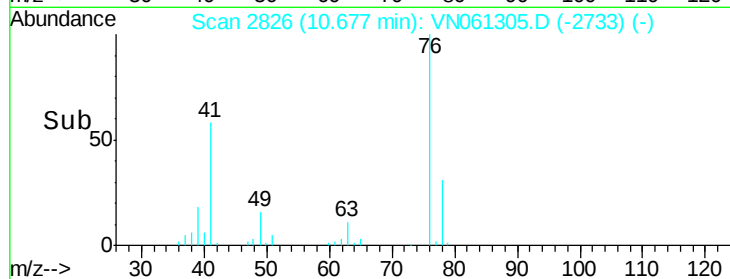
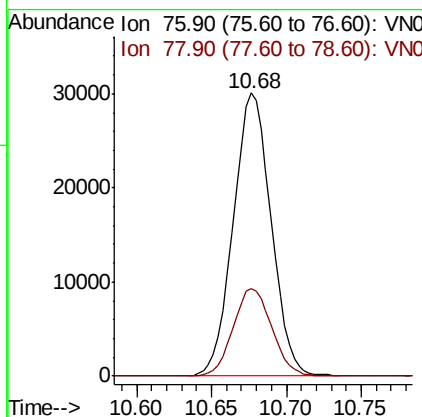
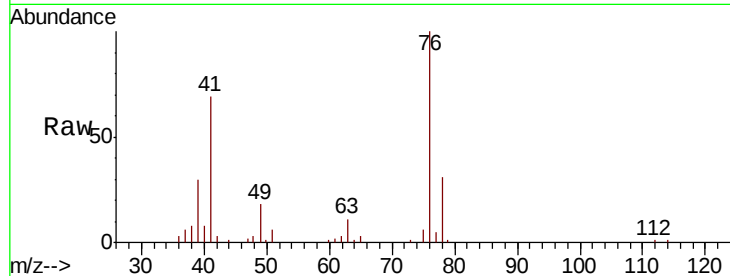




#57
 1,3-Dichloropropane
 Concen: 21.376 ug/l
 RT: 10.68 min Scan# 2826
 Delta R.T. 0.00 min
 Lab File: VN061305.D
 Acq: 6 May 2020 13:27

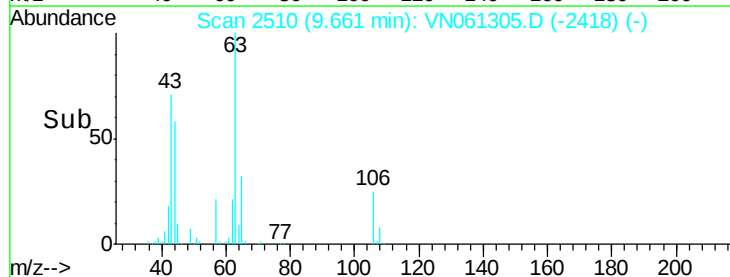
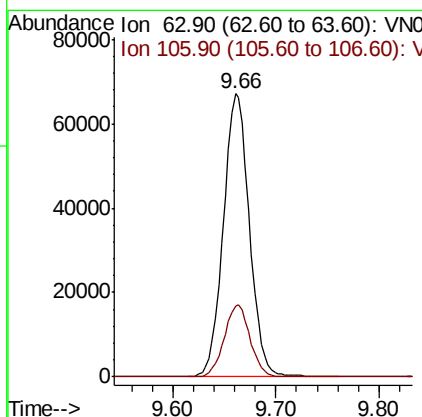
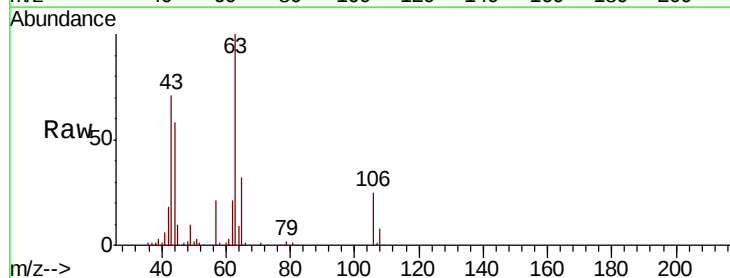
Instrument :
 MSVOA_N
 ClientSampled :

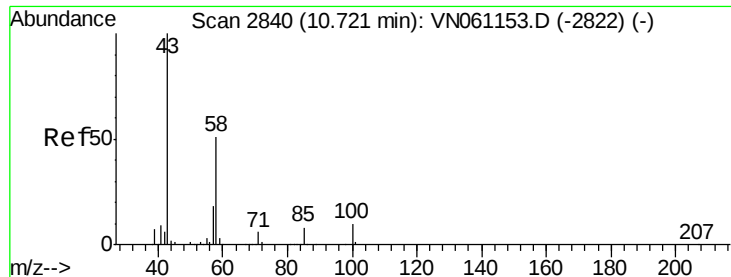
Tot Ion: 76 Resp: 52947
 Ion Ratio Lower Upper
 76 100
 78 31.5 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 103.457 ug/l
 RT: 9.66 min Scan# 2510
 Delta R.T. -0.00 min
 Lab File: VN061305.D
 Acq: 6 May 2020 13:27

Tgt Ion: 63 Resp: 118006
 Ion Ratio Lower Upper
 63 100
 106 25.2 20.6 30.8

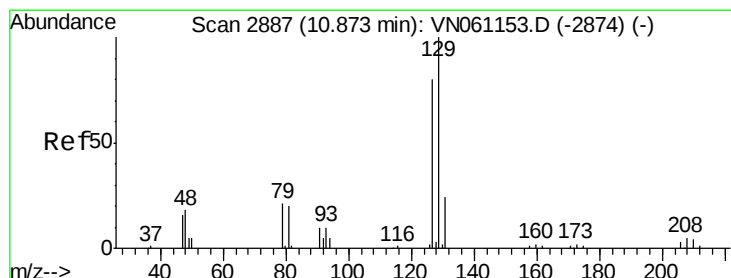
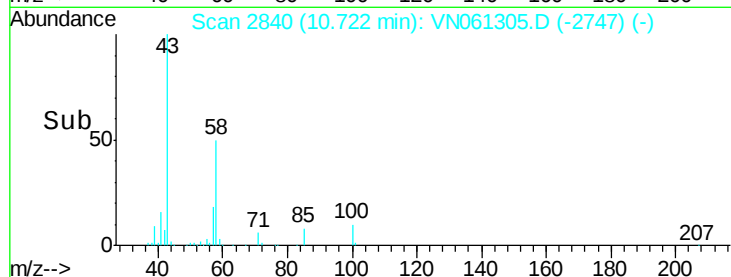
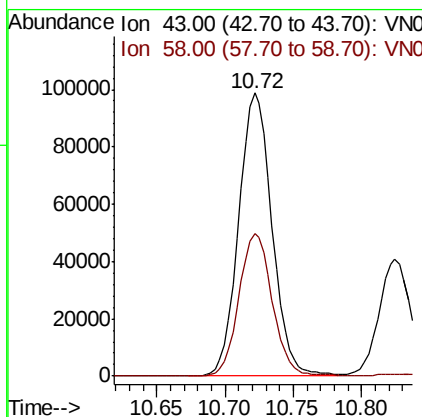
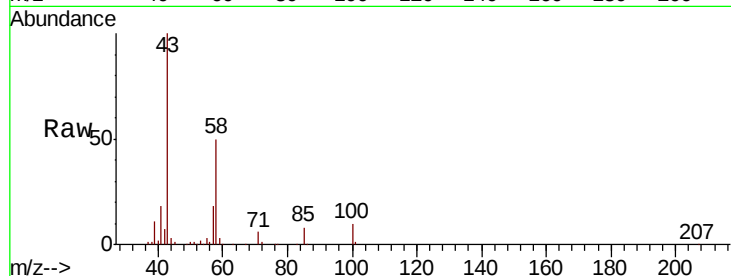




#59
2-Hexanone
Concen: 102.326 ug/l
RT: 10.72 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN061305.D
Acq: 6 May 2020 13:27

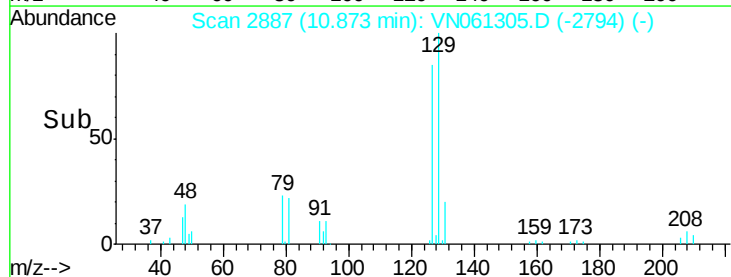
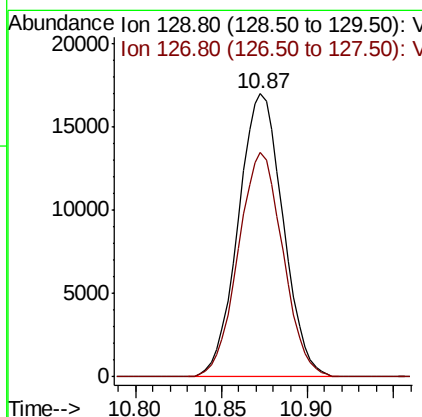
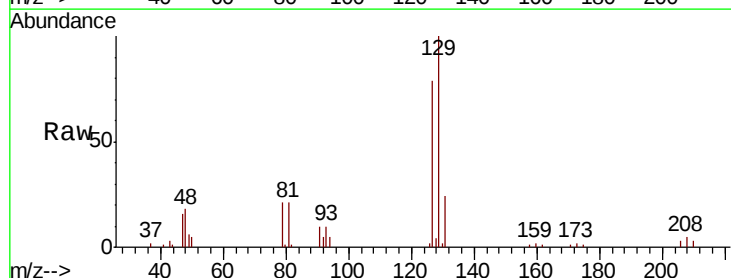
Instrument :
MSVOA_N
ClientSampled :

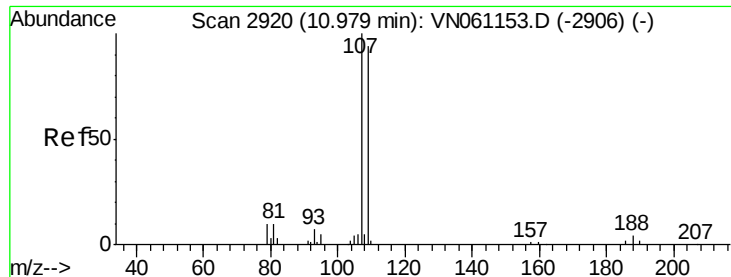
Tot Ion: 43 Resp: 167842
Ion Ratio Lower Upper
43 100
58 50.4 25.4 76.4



#60
Dibromochloromethane
Concen: 20.867 ug/l
RT: 10.87 min Scan# 2887
Delta R.T. 0.00 min
Lab File: VN061305.D
Acq: 6 May 2020 13:27

Tgt Ion: 129 Resp: 30796
Ion Ratio Lower Upper
129 100
127 79.2 39.3 117.8

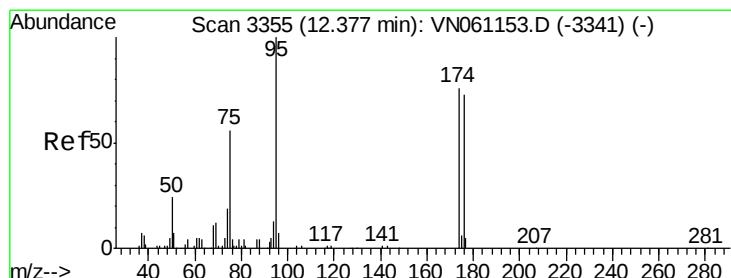
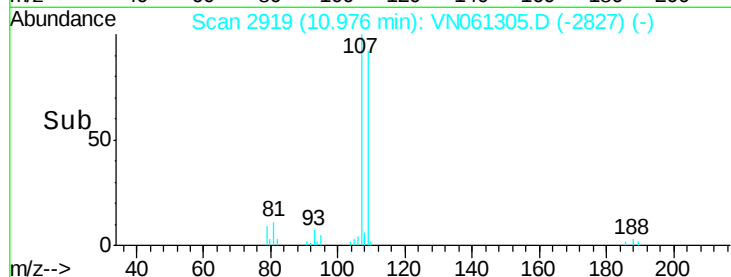
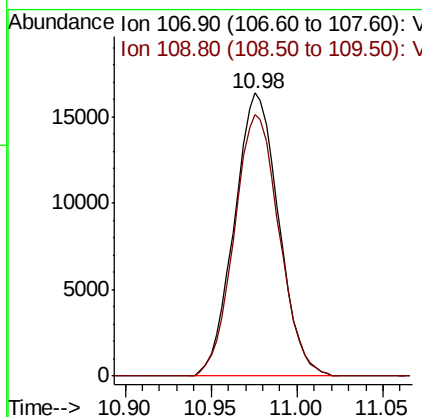
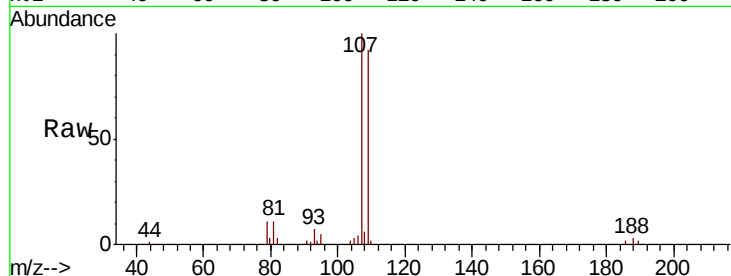




#61
 1,2-Dibromoethane
 Concen: 20.752 ug/l
 RT: 10.98 min Scan# 2919
 Delta R.T. -0.00 min
 Lab File: VN061305.D
 Acq: 6 May 2020 13:27

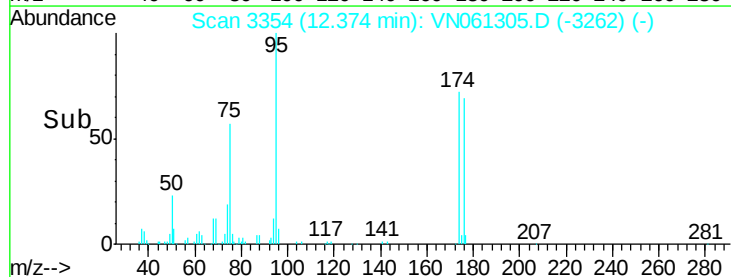
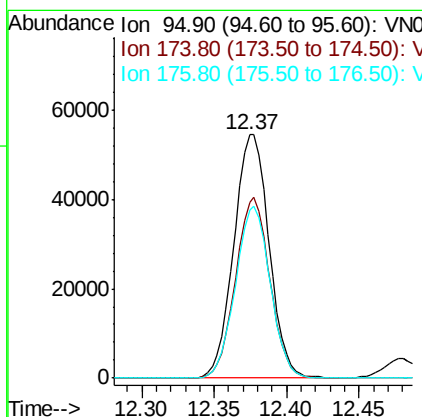
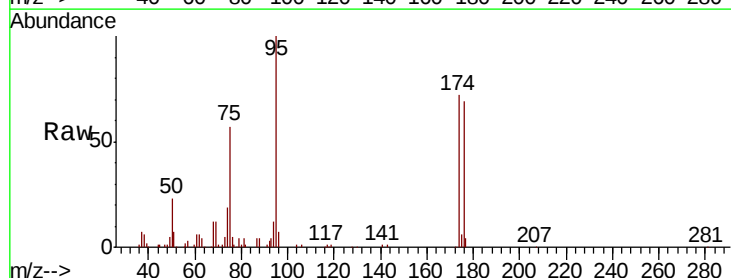
Instrument :
 MSVOA_N
 ClientSampleId :

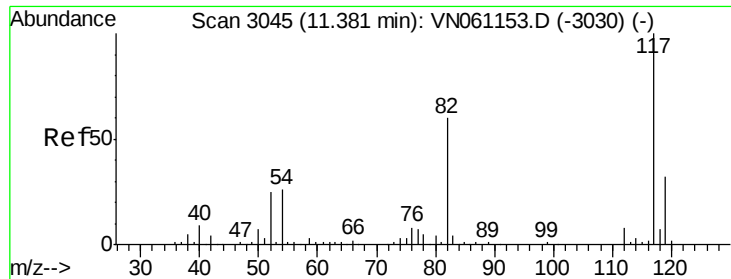
Tot Ion:107 Resp: 29309
 Ion Ratio Lower Upper
 107 100
 109 93.5 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 51.647 ug/l
 RT: 12.37 min Scan# 3354
 Delta R.T. -0.00 min
 Lab File: VN061305.D
 Acq: 6 May 2020 13:27

Tgt Ion: 95 Resp: 92138
 Ion Ratio Lower Upper
 95 100
 174 72.2 0.0 149.4
 176 69.5 0.0 144.8

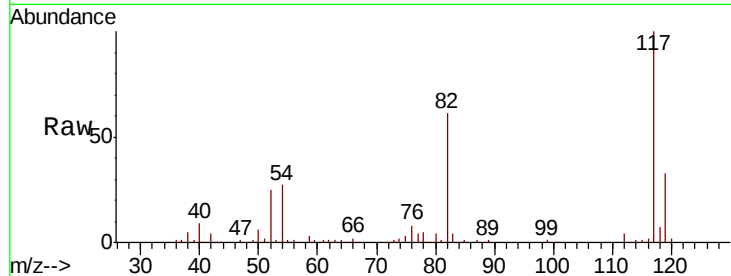




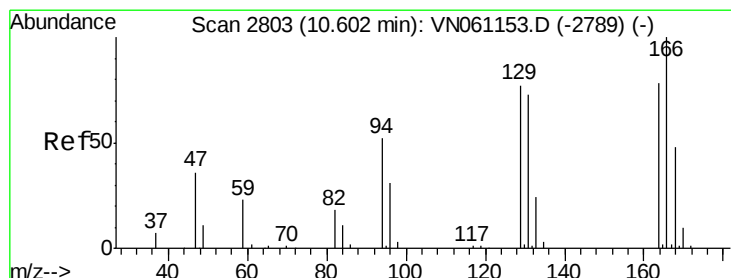
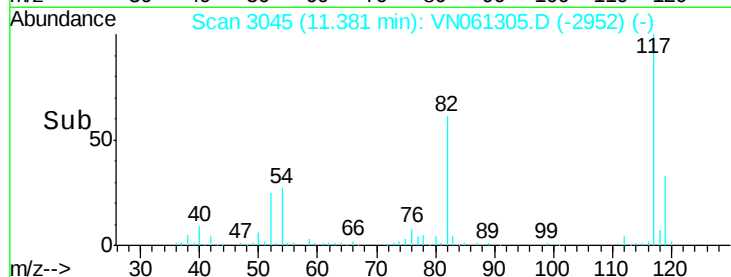
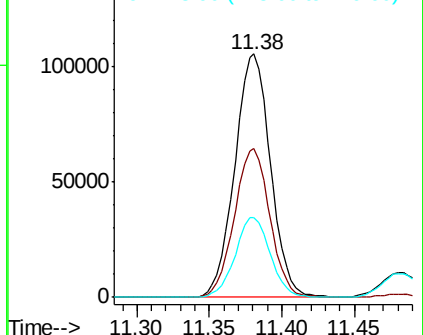
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061305.D
Acq: 6 May 2020 13:27

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:117 Resp: 180673
Ion Ratio Lower Upper
117 100
82 61.0 47.8 71.8
119 33.0 25.8 38.6

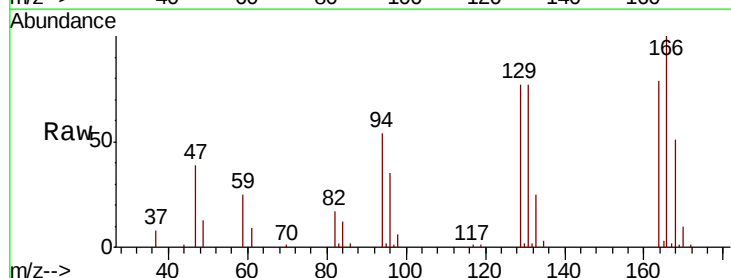


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

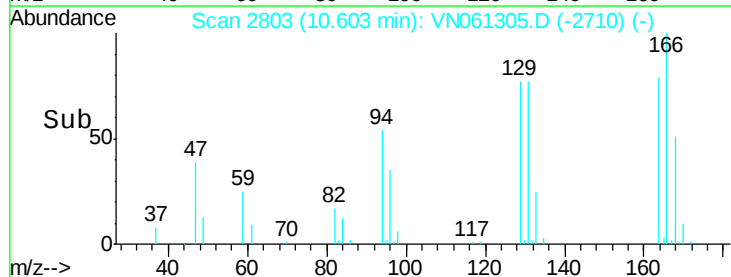
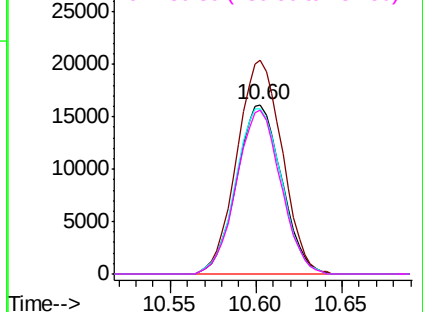


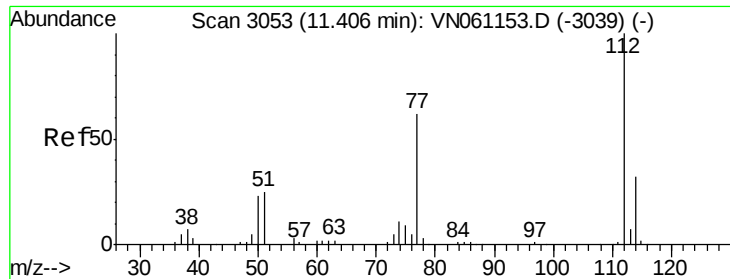
#64
Tetrachloroethene
Concen: 18.825 ug/l
RT: 10.60 min Scan# 2803
Delta R.T. 0.00 min
Lab File: VN061305.D
Acq: 6 May 2020 13:27

Tgt Ion:164 Resp: 29458
Ion Ratio Lower Upper
164 100
166 126.0 102.0 153.0
129 97.1 78.2 117.2
131 96.4 74.5 111.7



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

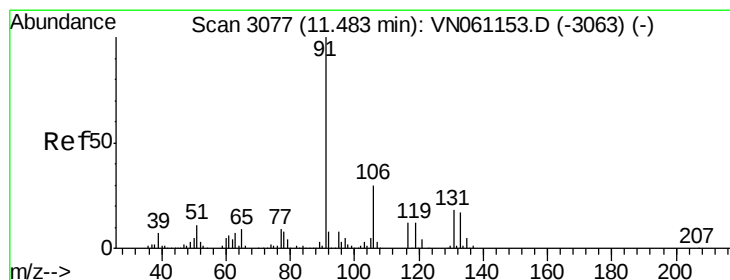
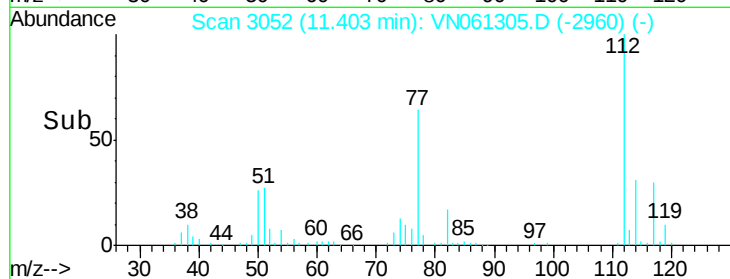
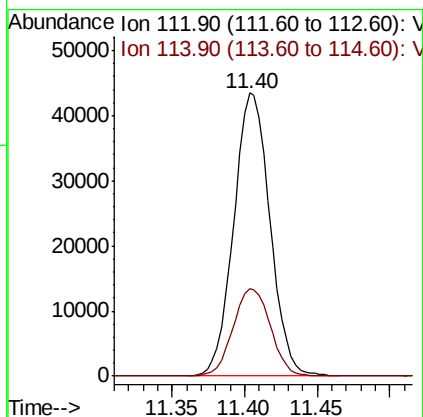
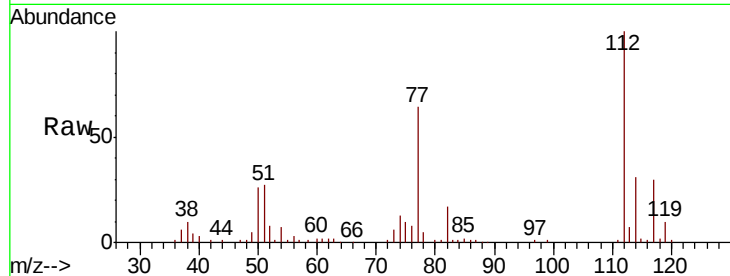




#65
Chlorobenzene
Concen: 21.017 ug/l
RT: 11.40 min Scan# 3052
Delta R.T. -0.00 min
Lab File: VN061305.D
Acq: 6 May 2020 13:27

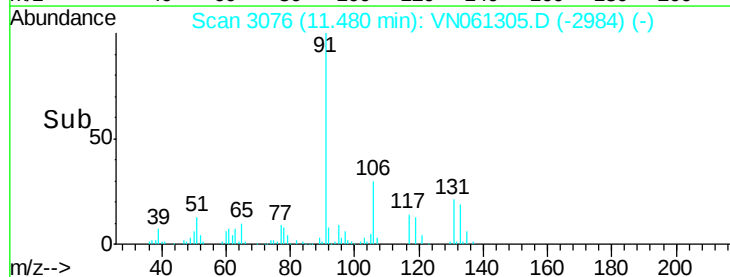
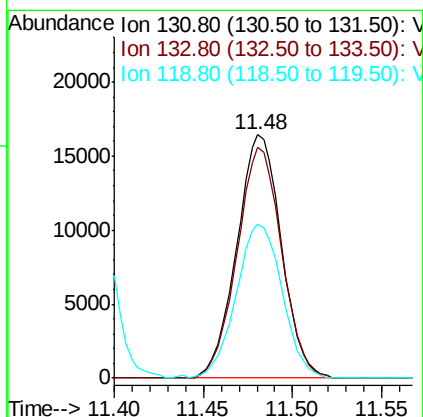
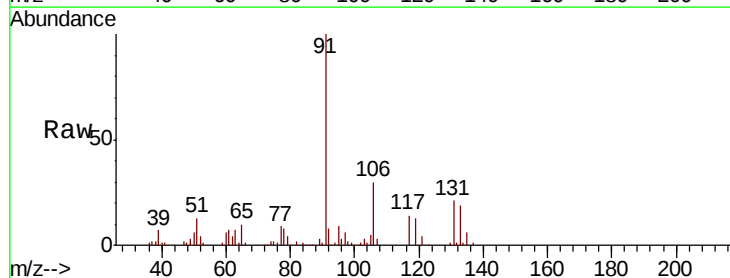
Instrument :
MSVOA_N
ClientSampleId :

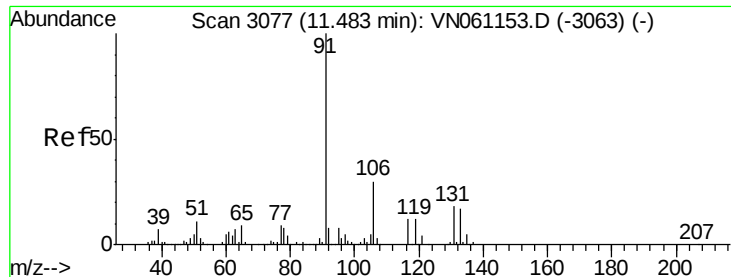
Tot Ion:112 Resp: 75323
Ion Ratio Lower Upper
112 100
114 30.9 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 22.300 ug/l
RT: 11.48 min Scan# 3076
Delta R.T. -0.00 min
Lab File: VN061305.D
Acq: 6 May 2020 13:27

Tgt Ion:131 Resp: 28605
Ion Ratio Lower Upper
131 100
133 94.7 48.0 144.2
119 65.1 32.6 97.8

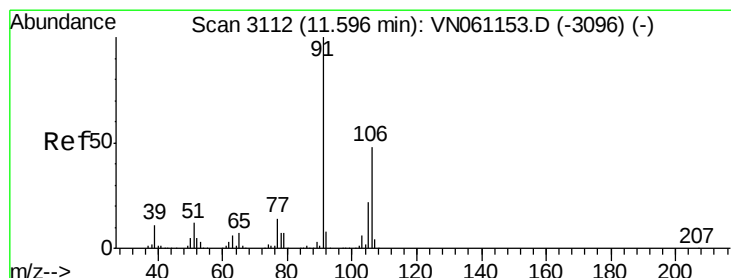
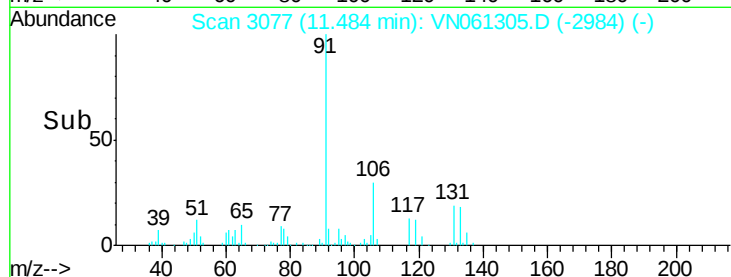
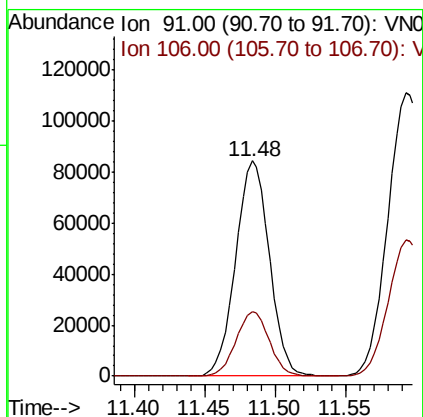
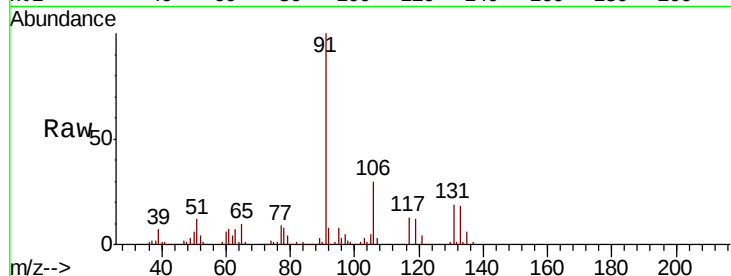




#67
Ethyl Benzene
Concen: 21.132 ug/l
RT: 11.48 min Scan# 3077
Delta R.T. 0.00 min
Lab File: VN061305.D
Acq: 6 May 2020 13:27

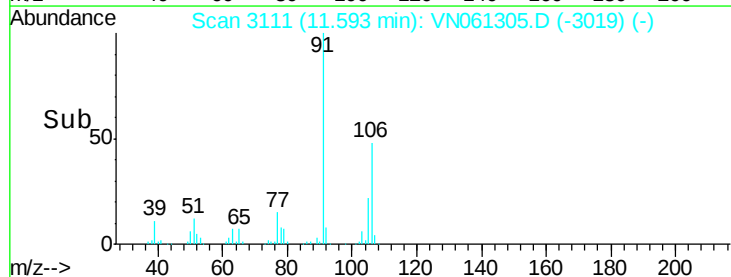
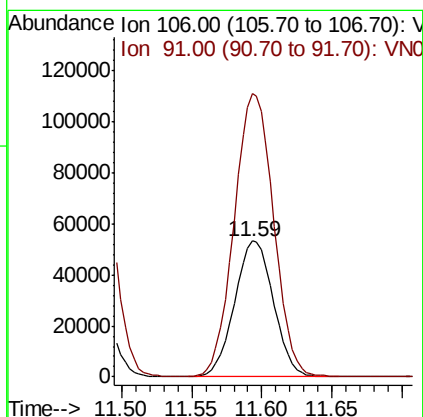
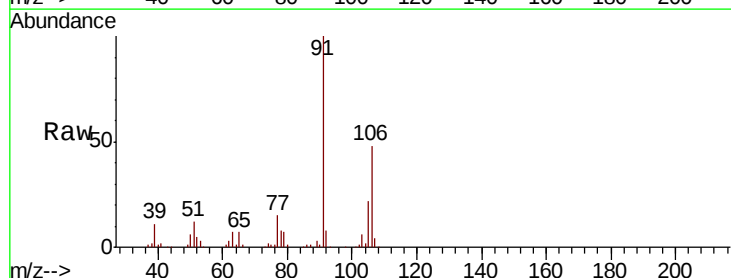
Instrument :
MSVOA_N
ClientSampled :

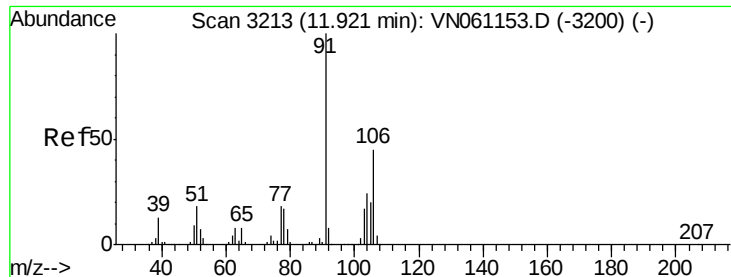
Tot Ion: 91 Resp: 141778
Ion Ratio Lower Upper
91 100
106 30.0 23.8 35.6



#68
m/p-Xylenes
Concen: 41.855 ug/l
RT: 11.59 min Scan# 3111
Delta R.T. -0.00 min
Lab File: VN061305.D
Acq: 6 May 2020 13:27

Tgt Ion: 106 Resp: 102785
Ion Ratio Lower Upper
106 100
91 212.1 166.4 249.6

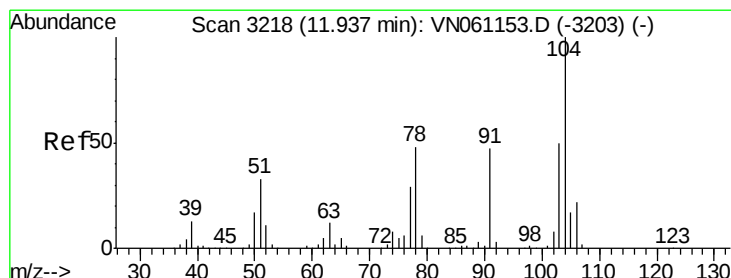
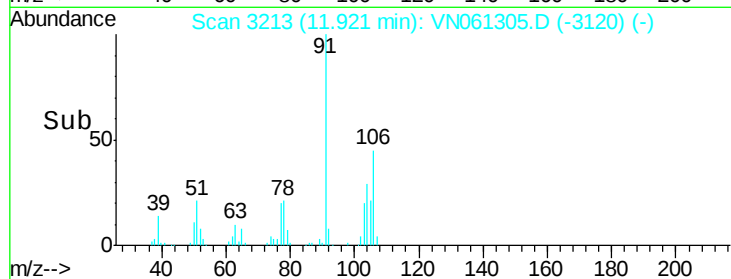
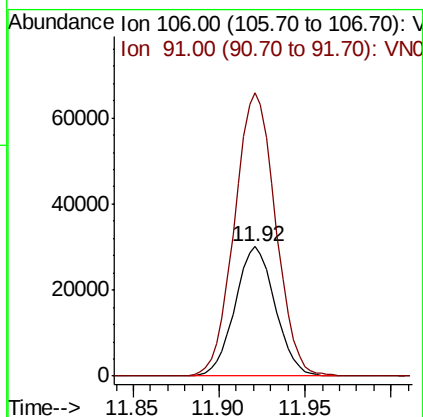
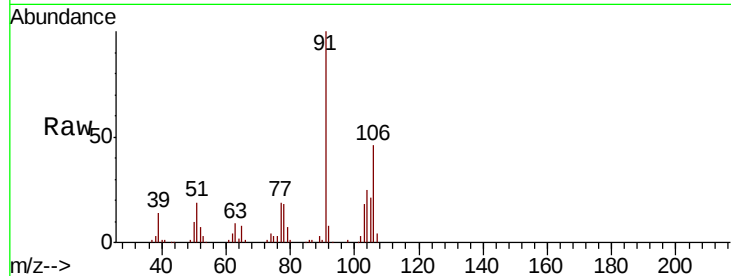




#69
o-Xylene
Concen: 20.663 ug/l
RT: 11.92 min Scan# 3213
Delta R.T. 0.00 min
Lab File: VN061305.D
Acq: 6 May 2020 13:27

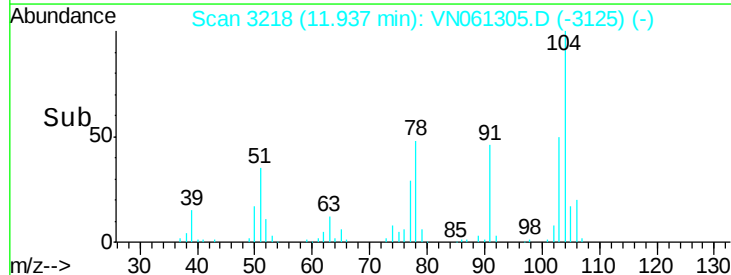
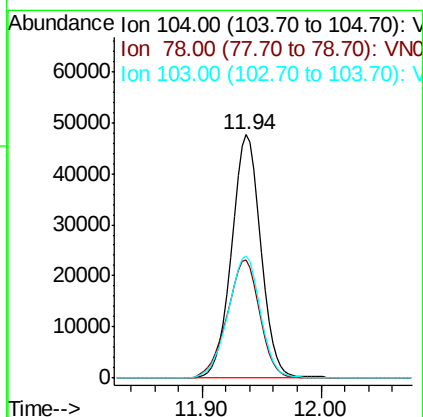
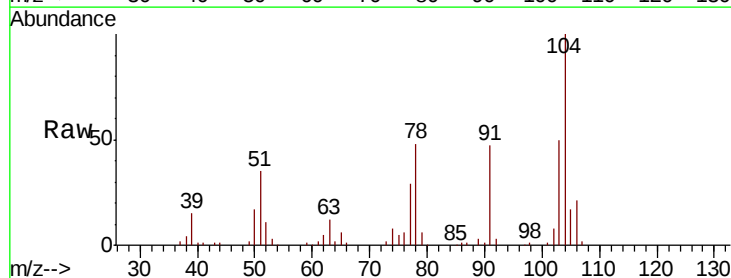
Instrument :
MSVOA_N
ClientSampled :

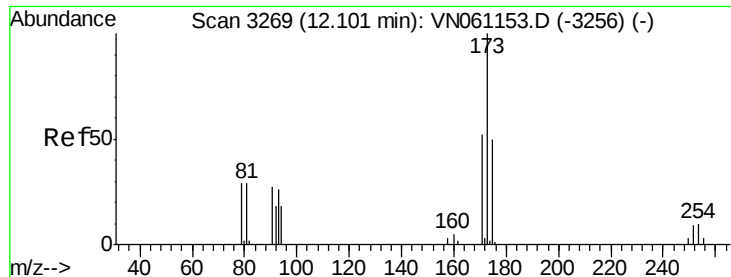
Tot Ion:106 Resp: 48741
Ion Ratio Lower Upper
106 100
91 223.5 109.7 329.0



#70
Styrene
Concen: 20.551 ug/l
RT: 11.94 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN061305.D
Acq: 6 May 2020 13:27

Tgt Ion:104 Resp: 81136
Ion Ratio Lower Upper
104 100
78 54.1 42.1 63.1
103 55.3 43.3 64.9





#71

Bromoform

Concen: 21.669 ug/l

RT: 12.10 min Scan# 3269

Delta R.T. 0.00 min

Lab File: VN061305.D

Acq: 6 May 2020 13:27

Instrument :

MSVOA_N

ClientSampleId :

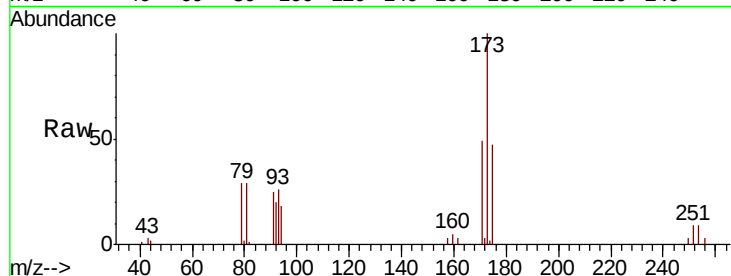
Tot Ion:173 Resp: 20428

Ion Ratio Lower Upper

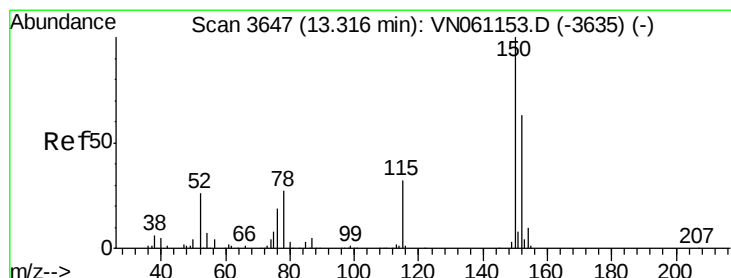
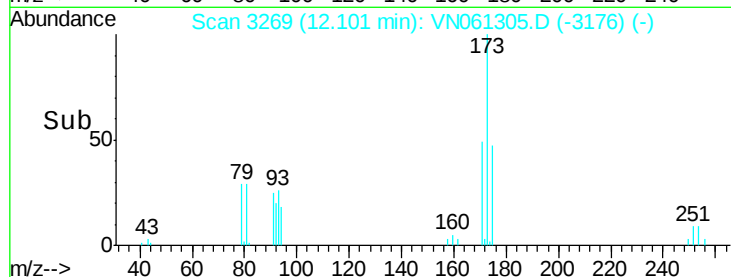
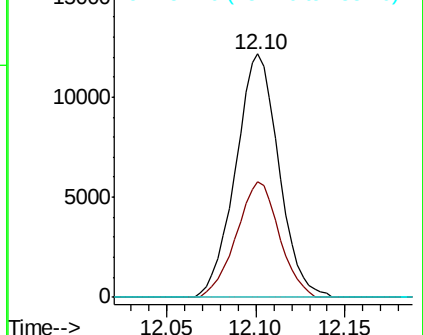
173 100

175 47.2 24.1 72.4

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3647

Delta R.T. 0.00 min

Lab File: VN061305.D

Acq: 6 May 2020 13:27

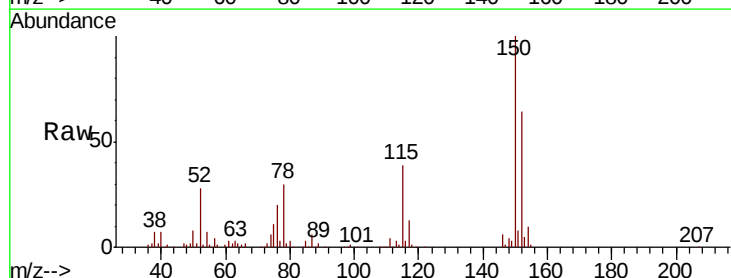
Tgt Ion:152 Resp: 84748

Ion Ratio Lower Upper

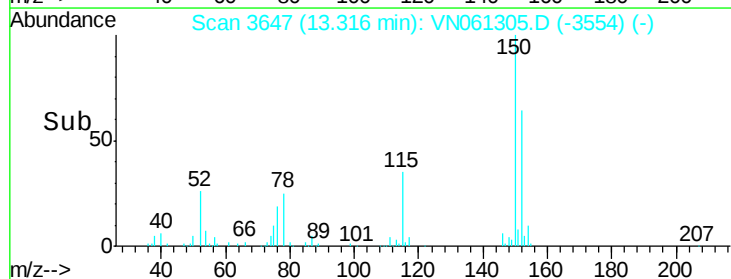
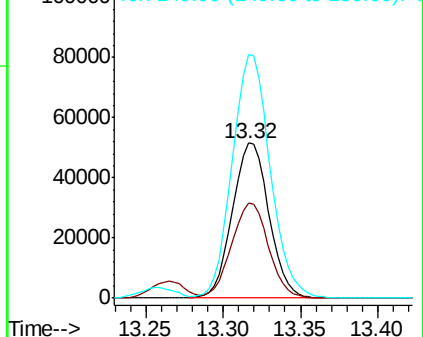
152 100

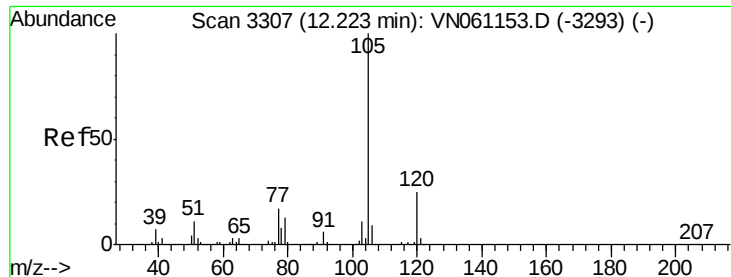
115 61.7 31.0 93.0

150 163.5 0.0 351.8



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





#73

Isopropylbenzene

Concen: 21.417 ug/l

RT: 12.22 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN061305.D

Acq: 6 May 2020 13:27

Instrument :

MSVOA_N

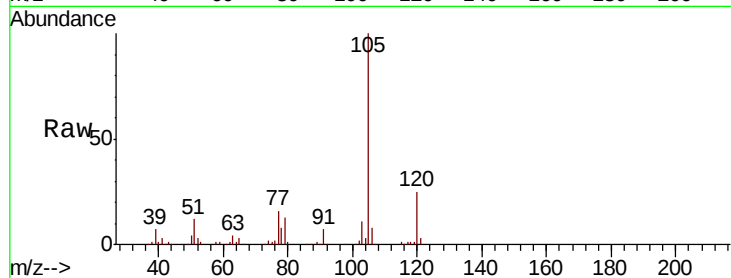
ClientSampleId :

Tot Ion:105 Resp: 133432

Ion Ratio Lower Upper

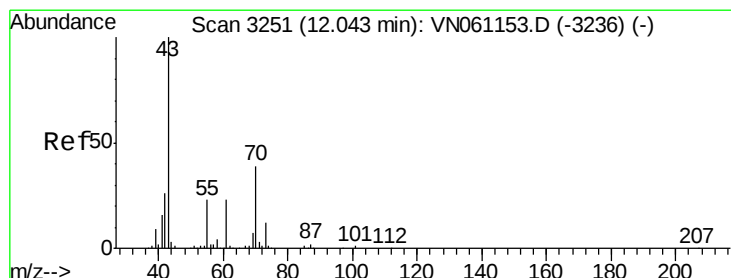
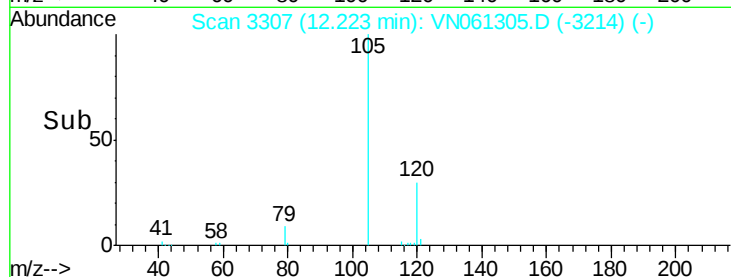
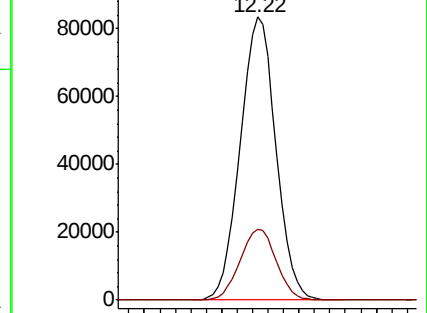
105 100

120 25.4 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.614 ug/l

RT: 12.04 min Scan# 3251

Delta R.T. 0.00 min

Lab File: VN061305.D

Acq: 6 May 2020 13:27

Tgt Ion: 43 Resp: 65034

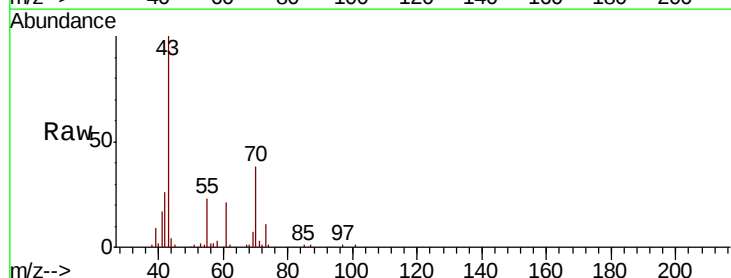
Ion Ratio Lower Upper

43 100

70 37.7 30.6 46.0

55 23.4 18.5 27.7

61 21.3 17.9 26.9

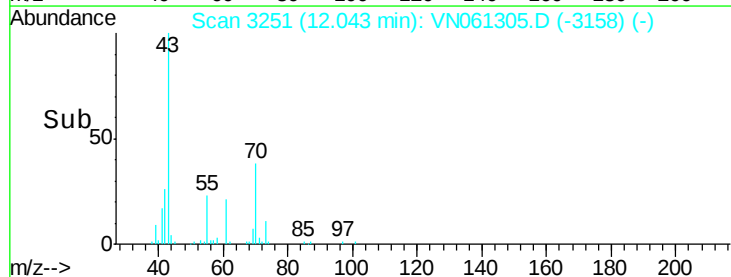
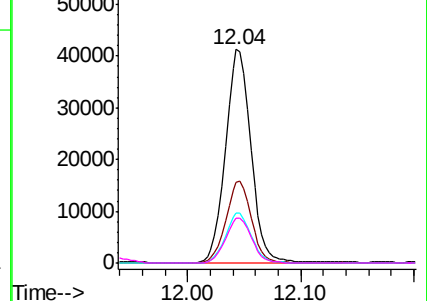


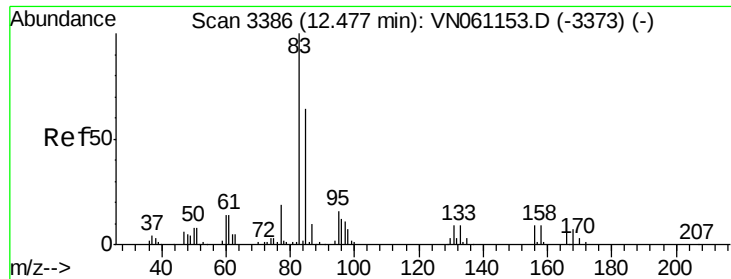
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 21.439 ug/l

RT: 12.48 min Scan# 3387

Delta R.T. 0.00 min

Lab File: VN061305.D

Acq: 6 May 2020 13:27

Instrument :

MSVOA_N

ClientSampleId :

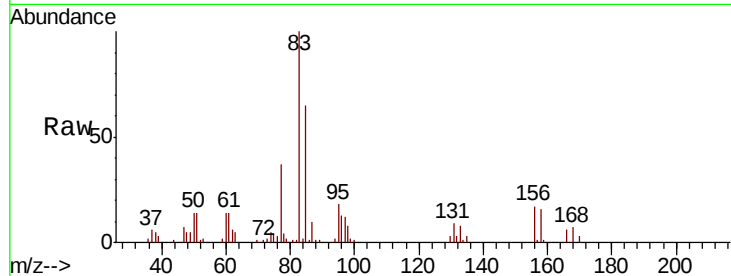
Tot Ion: 83 Resp: 41649

Ion Ratio Lower Upper

83 100

131 9.4 4.8 14.3

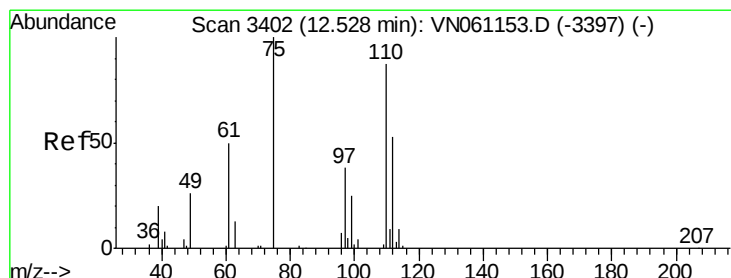
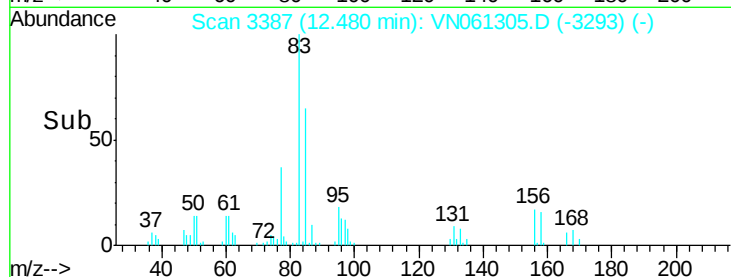
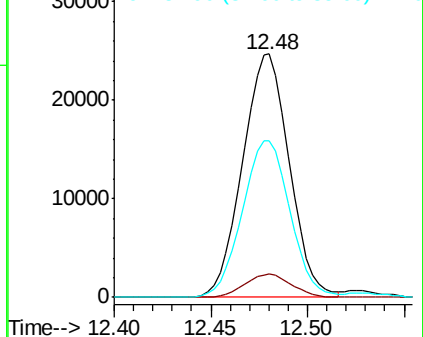
85 65.5 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 32.014 ug/l

RT: 12.53 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN061305.D

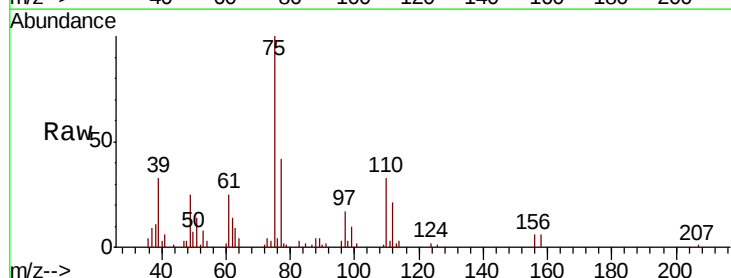
Acq: 6 May 2020 13:27

Tgt Ion: 75 Resp: 57200

Ion Ratio Lower Upper

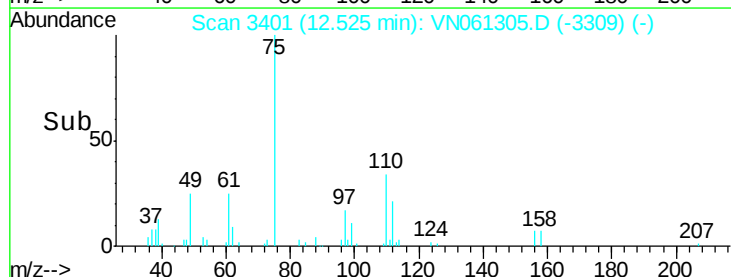
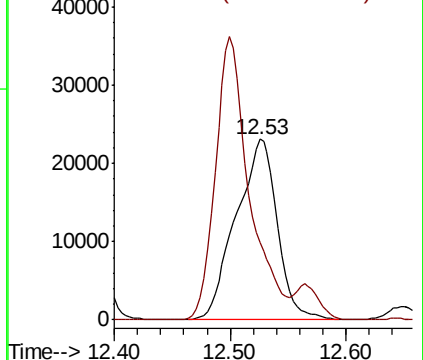
75 100

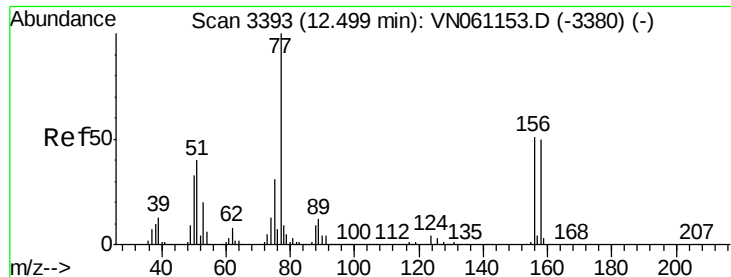
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 21.090 ug/l

RT: 12.50 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN061305.D

Acq: 6 May 2020 13:27

Instrument :

MSVOA_N

ClientSampleId :

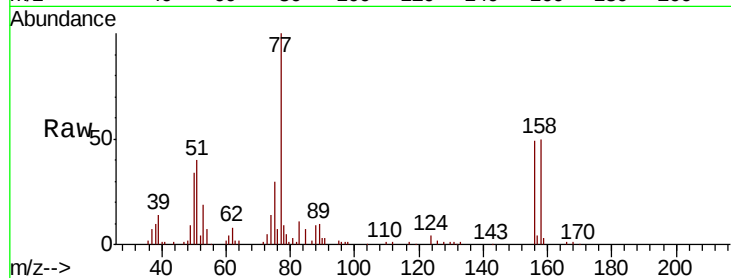
Tot Ion:156 Resp: 30332

Ion Ratio Lower Upper

156 100

77 242.2 117.4 352.2

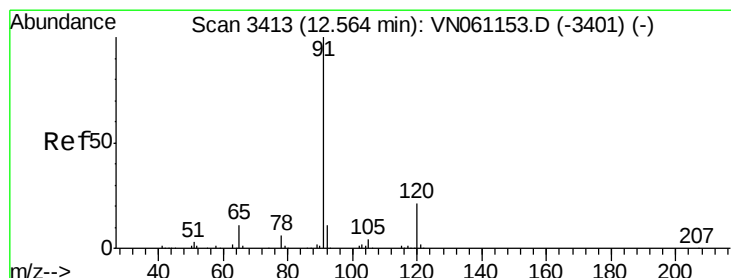
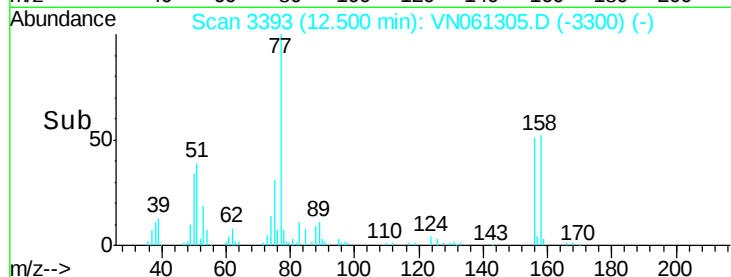
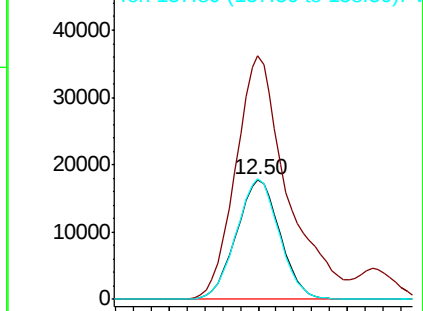
158 99.0 48.4 145.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.437 ug/l

RT: 12.56 min Scan# 3413

Delta R.T. 0.00 min

Lab File: VN061305.D

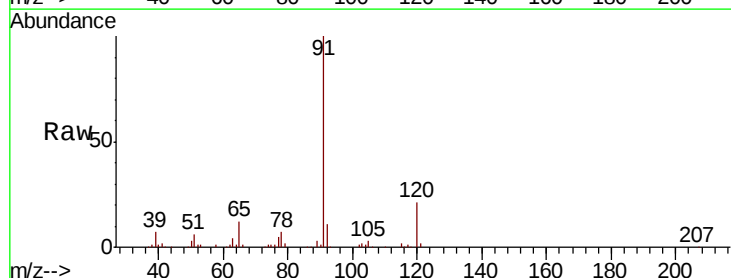
Acq: 6 May 2020 13:27

Tgt Ion: 91 Resp: 158417

Ion Ratio Lower Upper

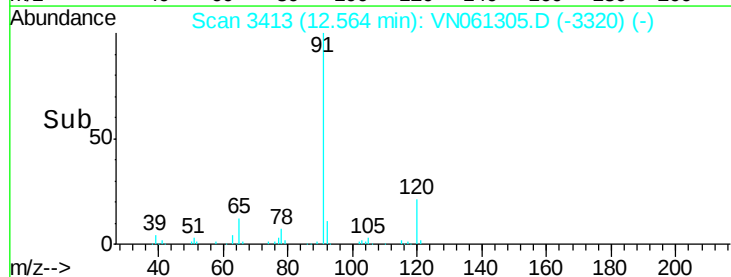
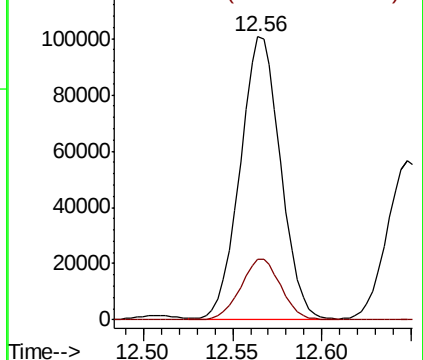
91 100

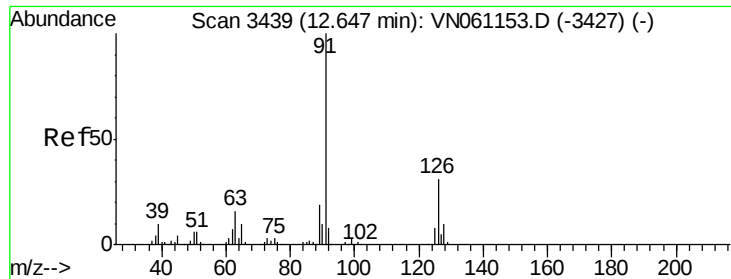
120 21.5 10.8 32.3



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

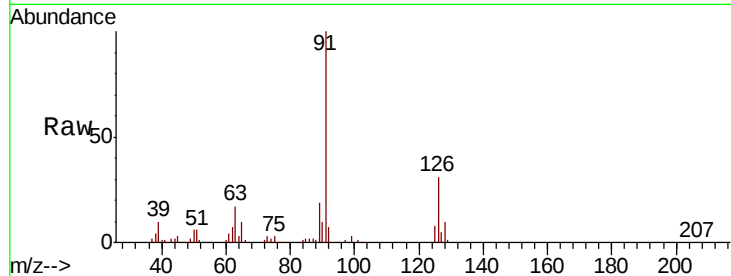




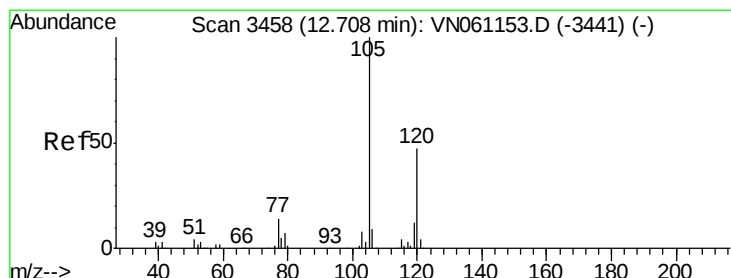
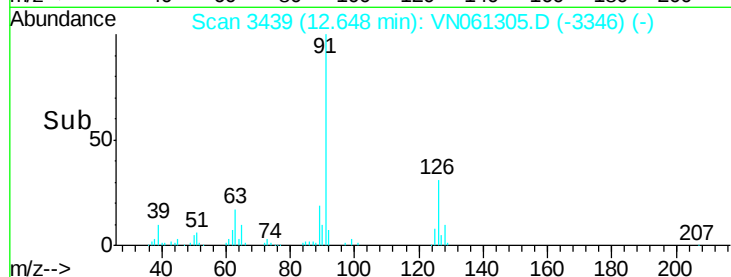
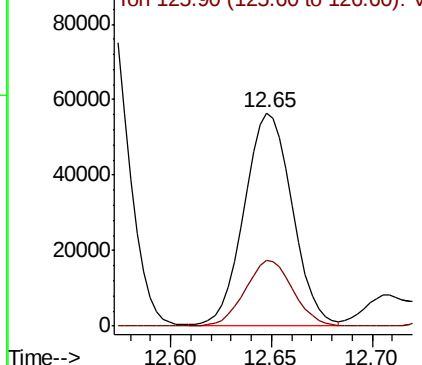
#79
 2-Chlorotoluene
 Concen: 21.537 ug/l
 RT: 12.65 min Scan# 3439
 Delta R.T. 0.00 min
 Lab File: VN061305.D
 Acq: 6 May 2020 13:27

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion: 91 Resp: 93544
 Ion Ratio Lower Upper
 91 100
 126 30.8 15.9 47.7

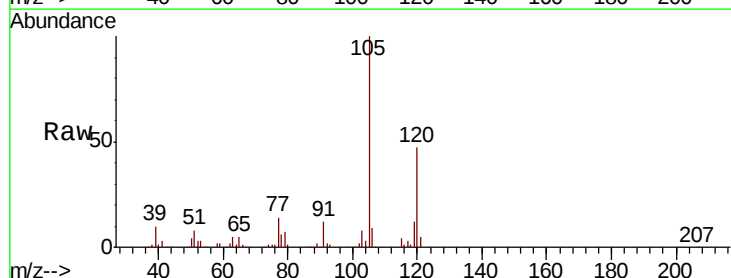


Abundance Ion 91.00 (90.70 to 91.70): VN061153.D (-3427) (-)
 Ion 125.90 (125.60 to 126.60): VN061153.D (-3427) (-)

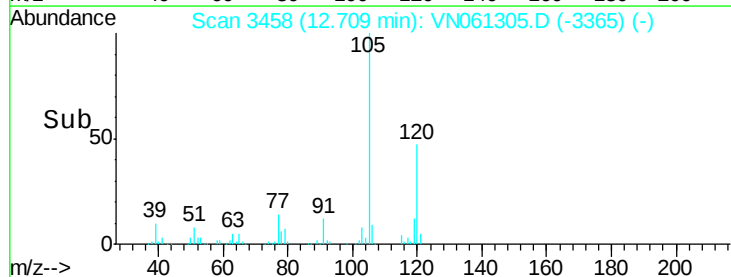
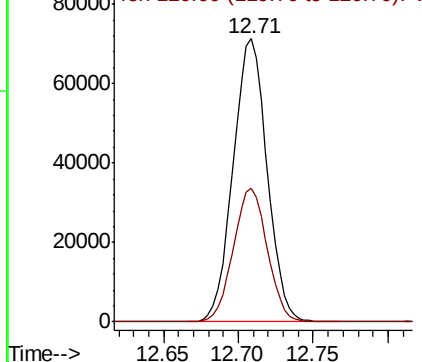


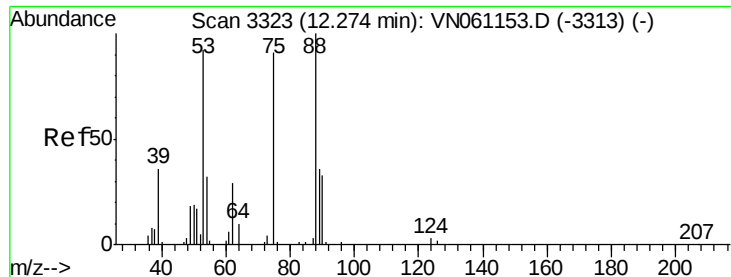
#80
 1,3,5-Trimethylbenzene
 Concen: 21.820 ug/l
 RT: 12.71 min Scan# 3458
 Delta R.T. 0.00 min
 Lab File: VN061305.D
 Acq: 6 May 2020 13:27

Tgt Ion: 105 Resp: 112516
 Ion Ratio Lower Upper
 105 100
 120 47.2 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): VN061153.D (-3441) (-)
 Ion 120.00 (119.70 to 120.70): VN061153.D (-3441) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 20.659 ug/l

RT: 12.27 min Scan# 3323

Delta R.T. 0.00 min

Lab File: VN061305.D

Acq: 6 May 2020 13:27

Instrument :

MSVOA_N

ClientSampled :

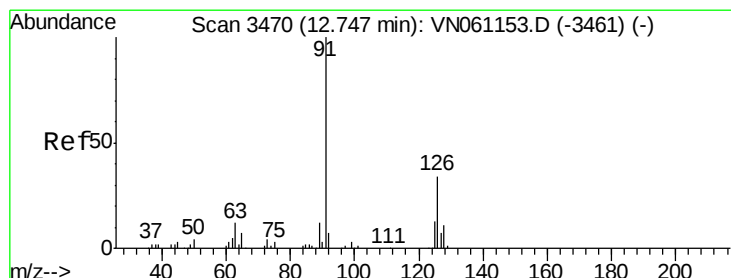
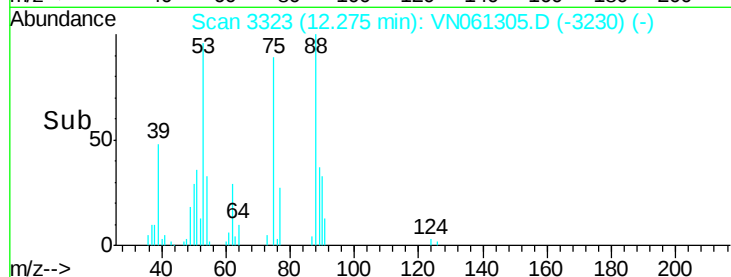
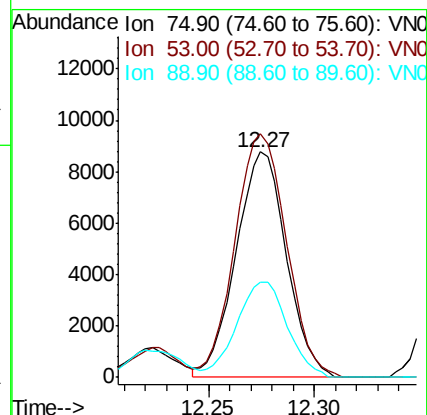
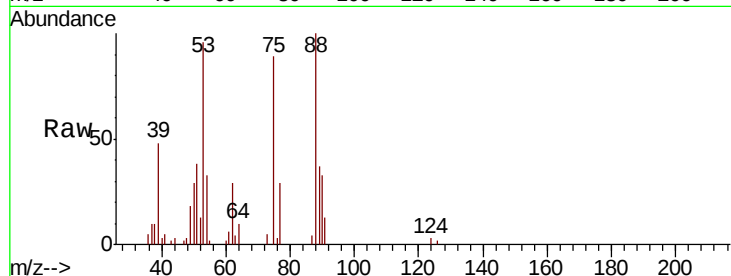
Tot Ion: 75 Resp: 14535

Ion Ratio Lower Upper

75 100

53 110.9 84.1 126.1

89 42.7 35.2 52.8



#82

4-Chlorotoluene

Concen: 21.507 ug/l

RT: 12.75 min Scan# 3470

Delta R.T. 0.00 min

Lab File: VN061305.D

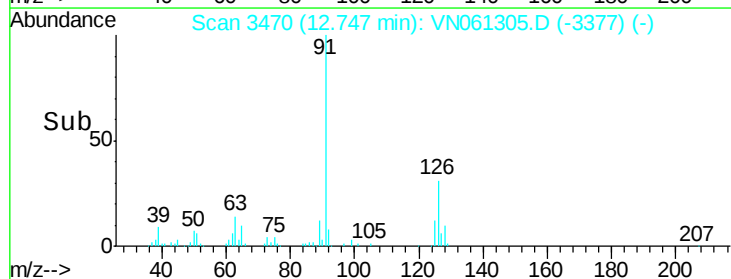
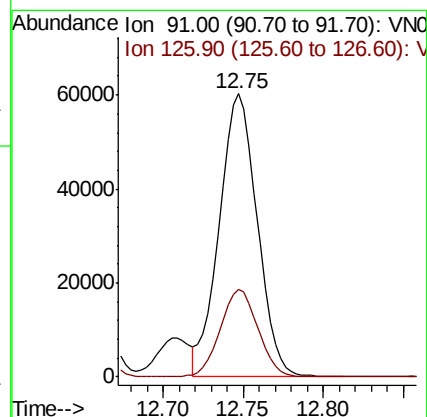
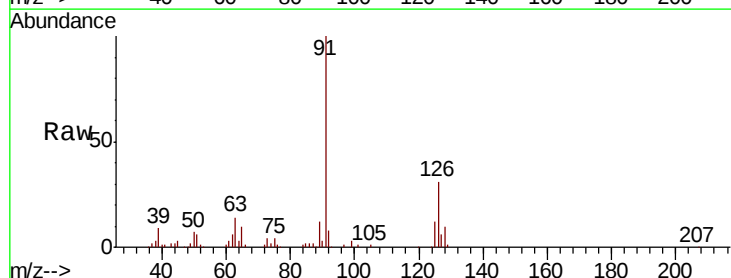
Acq: 6 May 2020 13:27

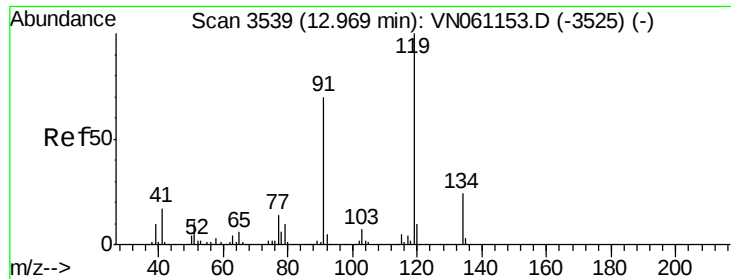
Tgt Ion: 91 Resp: 98458

Ion Ratio Lower Upper

91 100

126 30.6 15.7 47.1

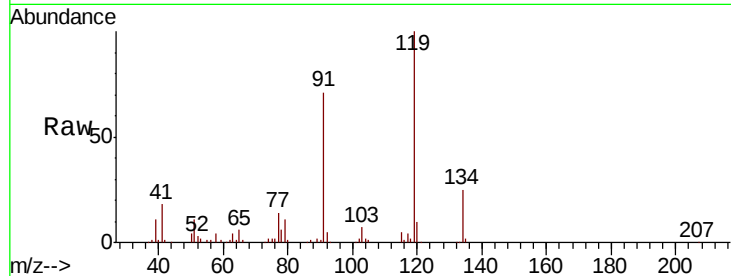




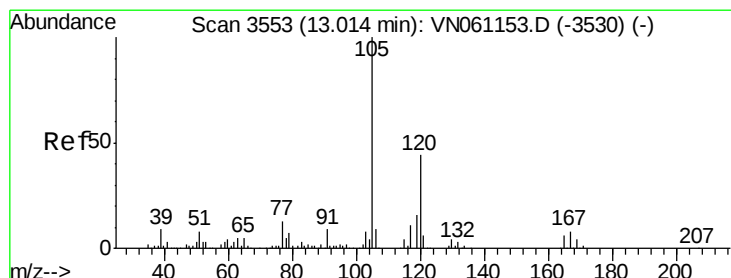
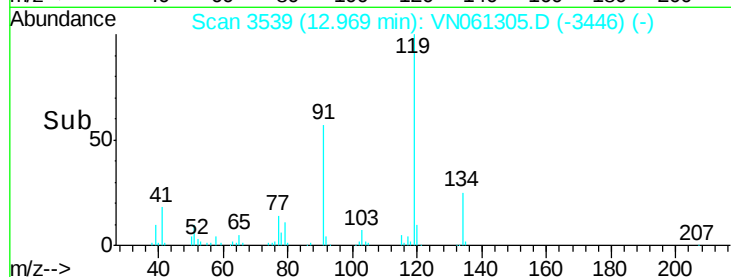
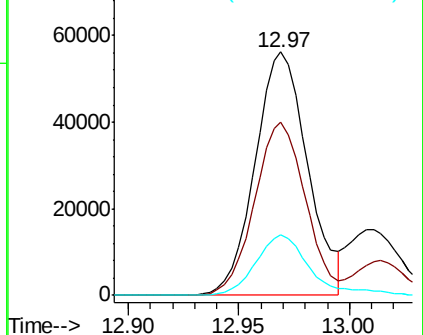
#83
 tert-Butylbenzene
 Concen: 21.299 ug/l
 RT: 12.97 min Scan# 3539
 Delta R.T. 0.00 min
 Lab File: VN061305.D
 Acq: 6 May 2020 13:27

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:119 Resp: 92607
 Ion Ratio Lower Upper
 119 100
 91 68.7 34.8 104.4
 134 25.6 12.9 38.7

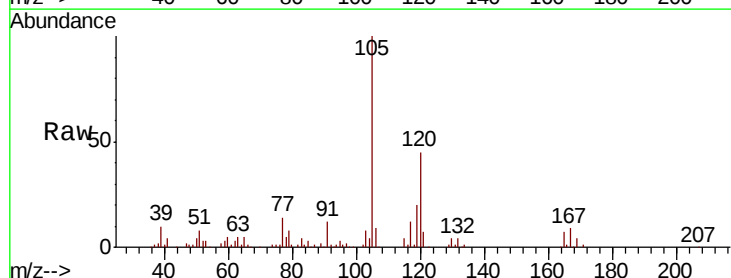


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

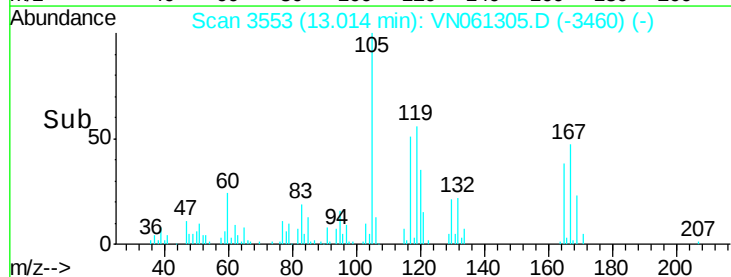
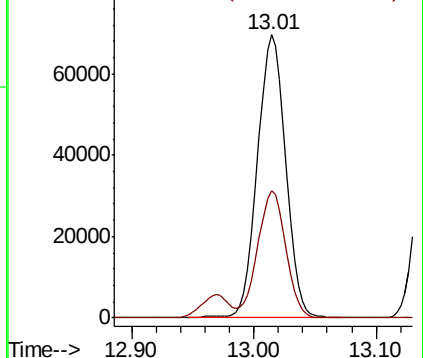


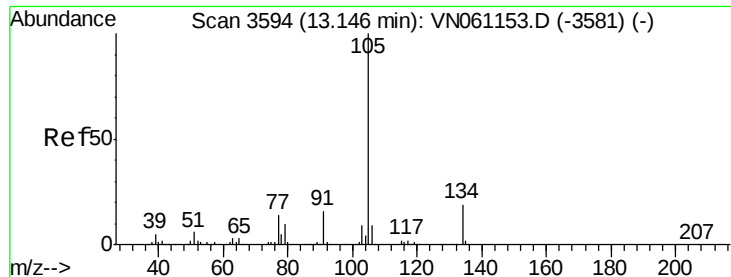
#84
 1,2,4-Trimethylbenzene
 Concen: 20.971 ug/l
 RT: 13.01 min Scan# 3553
 Delta R.T. 0.00 min
 Lab File: VN061305.D
 Acq: 6 May 2020 13:27

Tgt Ion:105 Resp: 111413
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.2 66.6



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





#85

sec-Butylbenzene

Concen: 21.150 ug/l

RT: 13.15 min Scan# 3594

Delta R.T. 0.00 min

Lab File: VN061305.D

Acq: 6 May 2020 13:27

Instrument :

MSVOA_N

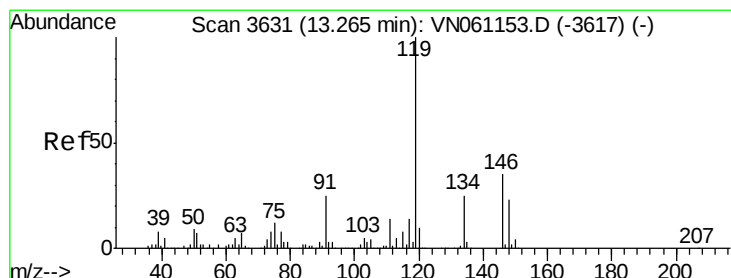
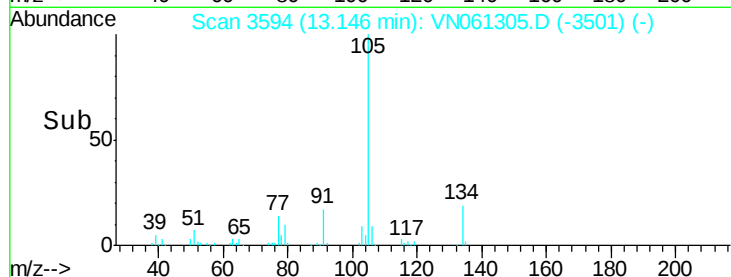
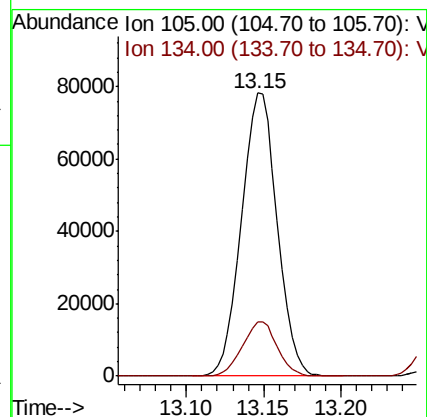
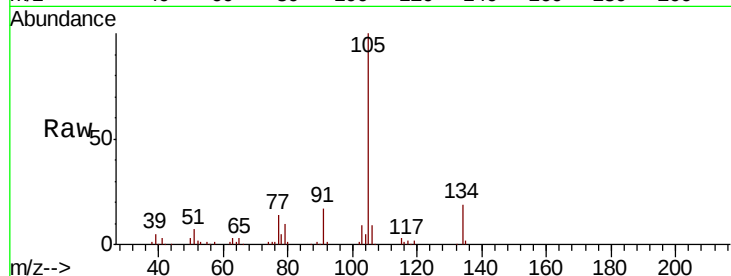
ClientSampled :

Tot Ion:105 Resp: 125376

Ion Ratio Lower Upper

105 100

134 18.7 9.6 28.8



#86

p-Isopropyltoluene

Concen: 20.898 ug/l

RT: 13.26 min Scan# 3631

Delta R.T. 0.00 min

Lab File: VN061305.D

Acq: 6 May 2020 13:27

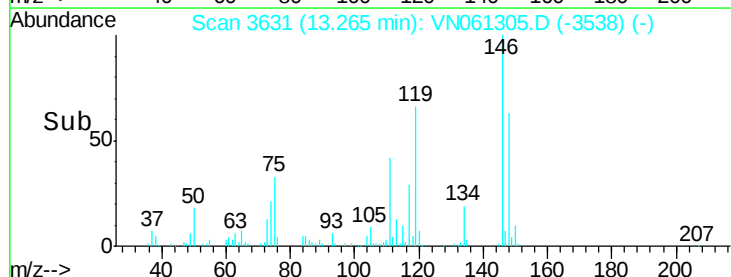
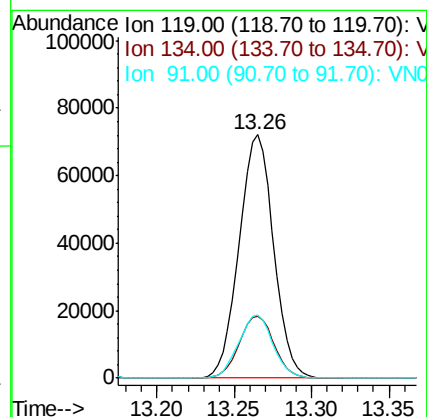
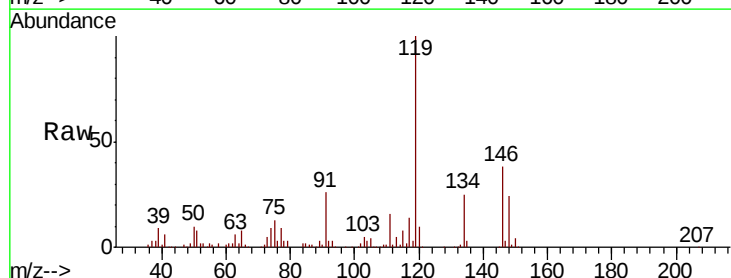
Tgt Ion:119 Resp: 111619

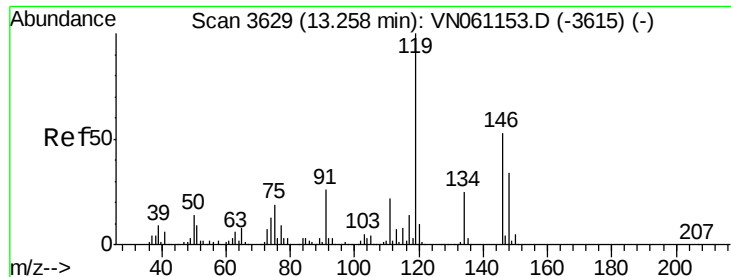
Ion Ratio Lower Upper

119 100

134 25.7 12.6 37.6

91 25.8 12.7 38.0

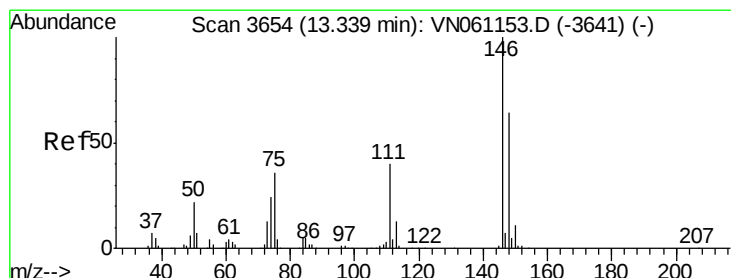
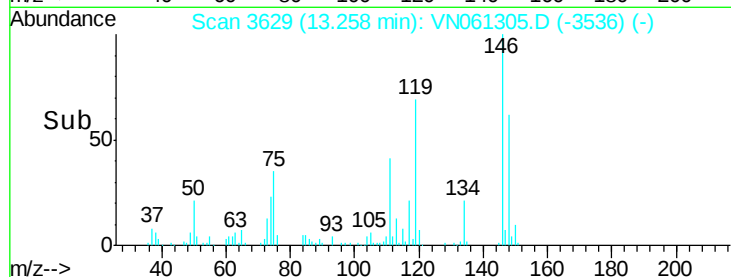
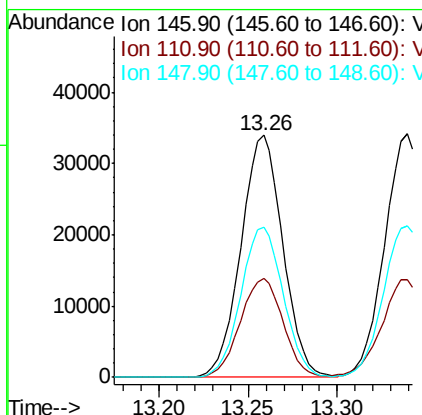
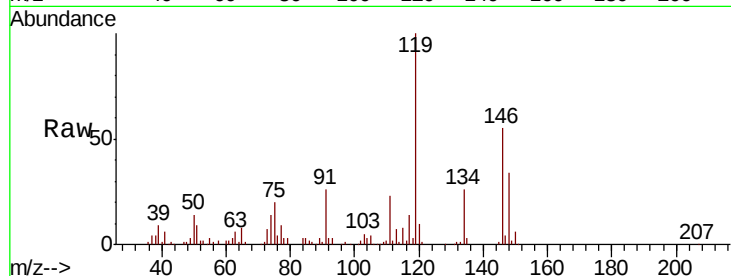




#87
 1,3-Dichlorobenzene
 Concen: 21.080 ug/l
 RT: 13.26 min Scan# 3629
 Delta R.T. 0.00 min
 Lab File: VN061305.D
 Acq: 6 May 2020 13:27

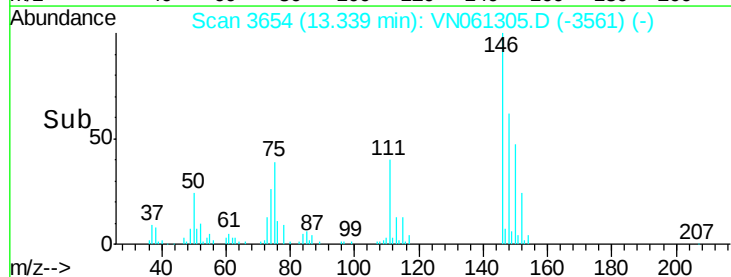
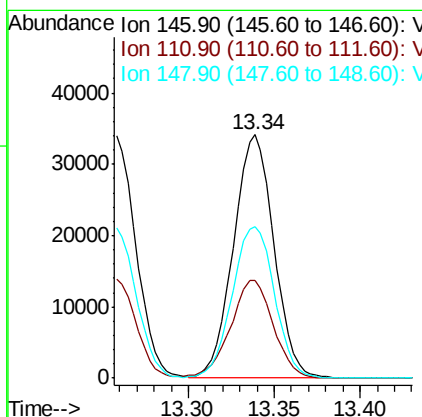
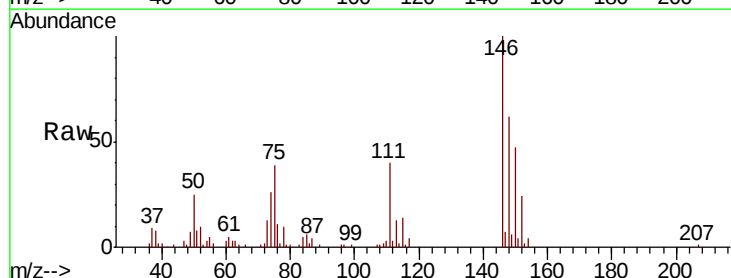
Instrument :
 MSVOA_N
 ClientSampled :

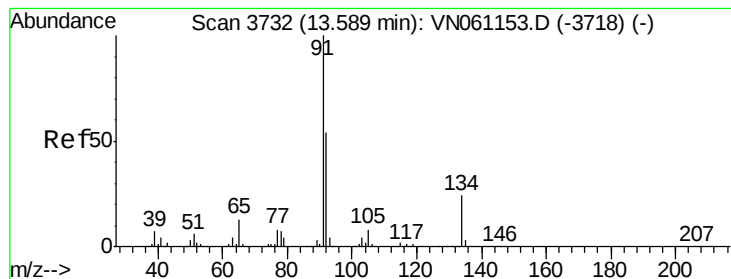
Tot Ion:146 Resp: 55812
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.7 62.1
 148 62.8 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 20.638 ug/l
 RT: 13.34 min Scan# 3654
 Delta R.T. 0.00 min
 Lab File: VN061305.D
 Acq: 6 May 2020 13:27

Tgt Ion:146 Resp: 55829
 Ion Ratio Lower Upper
 146 100
 111 42.4 20.4 61.3
 148 64.9 31.9 95.7





#89

n-Butylbenzene

Concen: 20.685 ug/l

RT: 13.59 min Scan# 3732

Delta R.T. 0.00 min

Lab File: VN061305.D

Acq: 6 May 2020 13:27

Instrument :

MSVOA_N

ClientSampled :

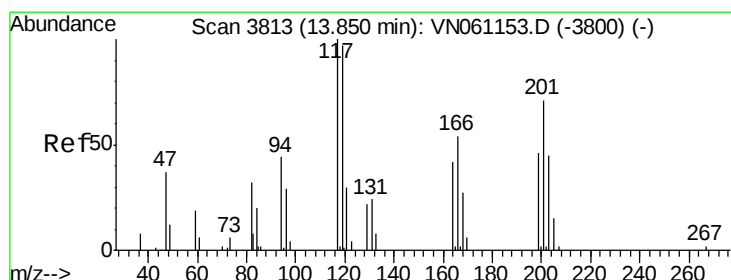
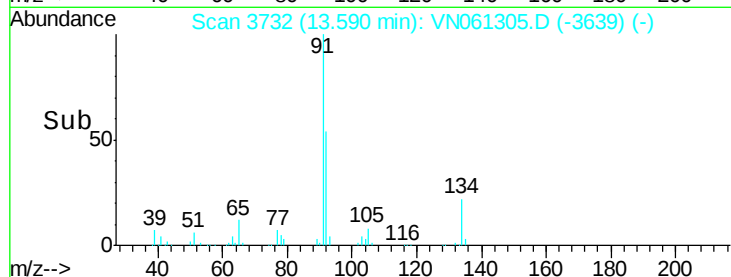
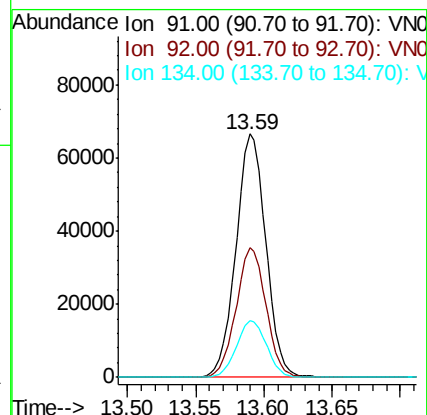
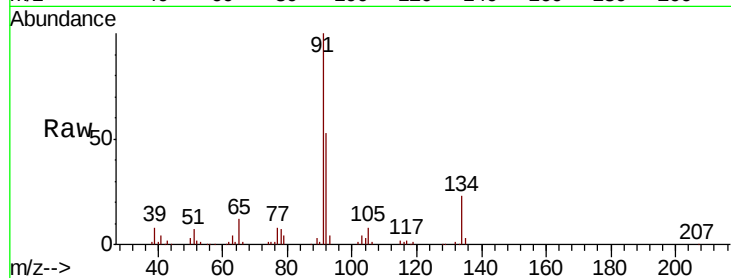
Tot Ion: 91 Resp: 101279

Ion Ratio Lower Upper

91 100

92 53.0 26.8 80.3

134 23.5 11.9 35.5



#90

Hexachloroethane

Concen: 28.698 ug/l

RT: 13.85 min Scan# 3813

Delta R.T. 0.00 min

Lab File: VN061305.D

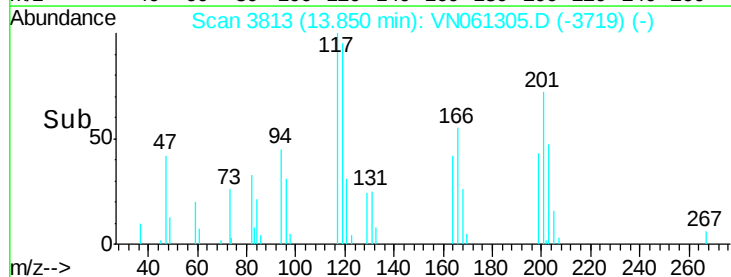
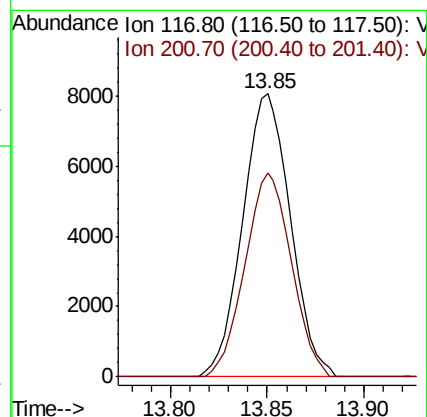
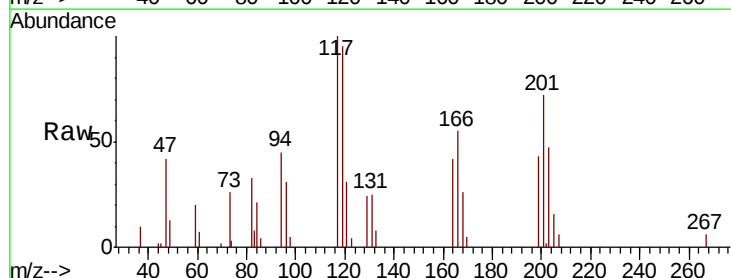
Acq: 6 May 2020 13:27

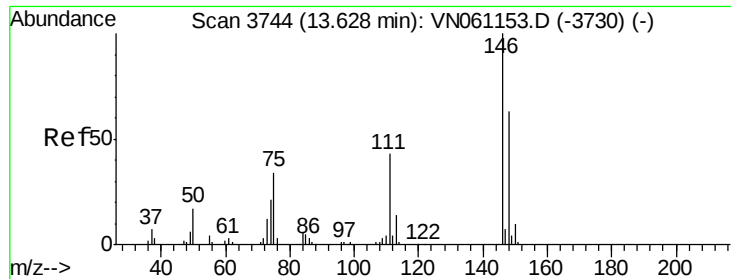
Tgt Ion: 117 Resp: 13852

Ion Ratio Lower Upper

117 100

201 70.0 35.5 106.7

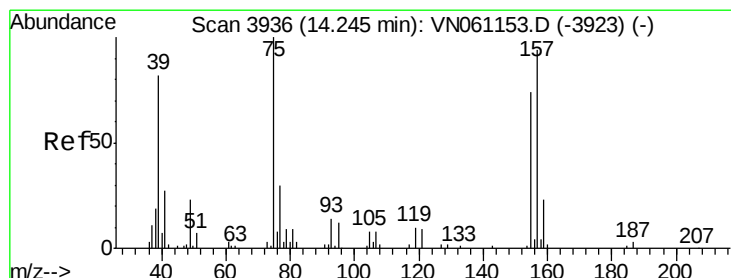
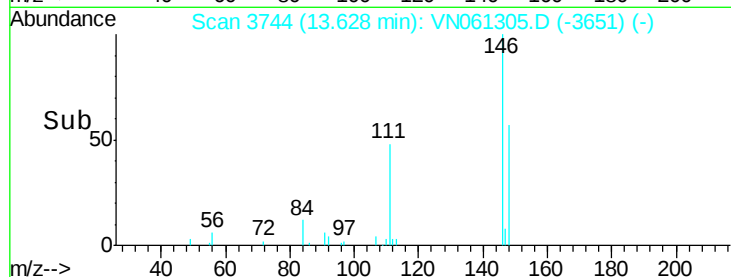
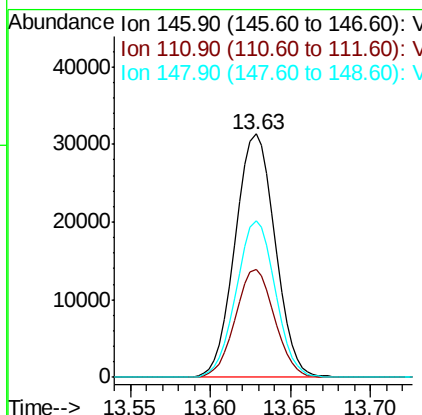
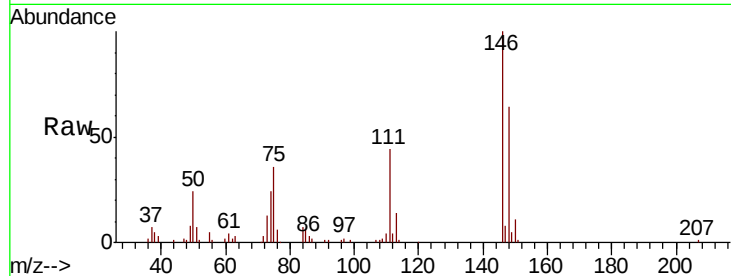




#91
 1,2-Dichlorobenzene
 Concen: 21.069 ug/l
 RT: 13.63 min Scan# 3744
 Delta R.T. 0.00 min
 Lab File: VN061305.D
 Acq: 6 May 2020 13:27

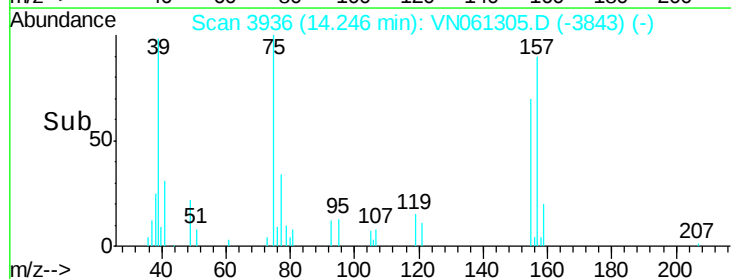
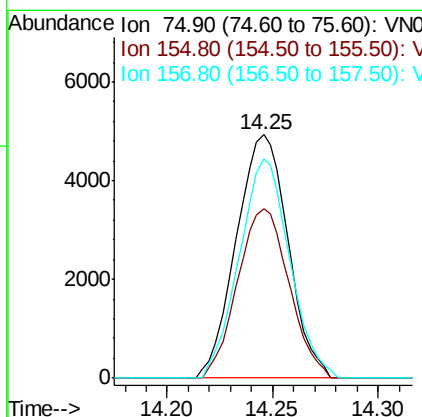
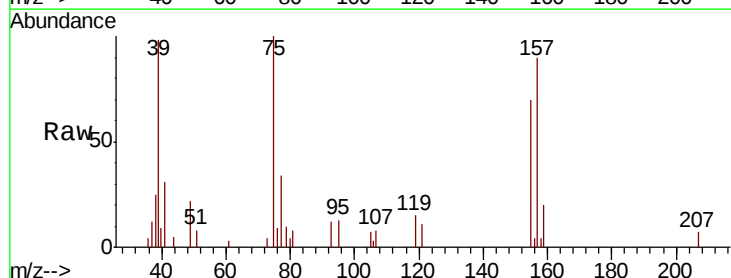
Instrument :
 MSVOA_N
 ClientSampled :

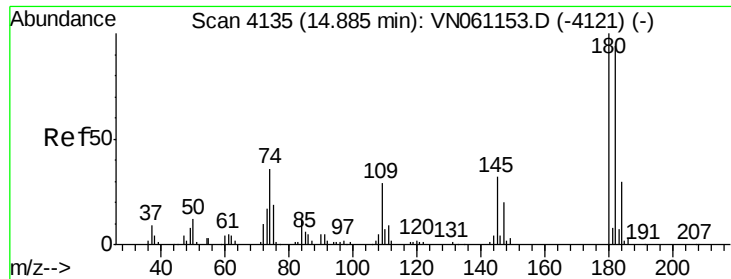
Tot Ion	Ratio	Lower	Upper
146	100		
111	43.2	21.8	65.3
148	62.6	31.6	95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.483 ug/l
 RT: 14.25 min Scan# 3936
 Delta R.T. 0.00 min
 Lab File: VN061305.D
 Acq: 6 May 2020 13:27

Tgt Ion	Ratio	Lower	Upper
75	100		
155	69.3	36.5	109.7
157	87.8	46.6	139.7

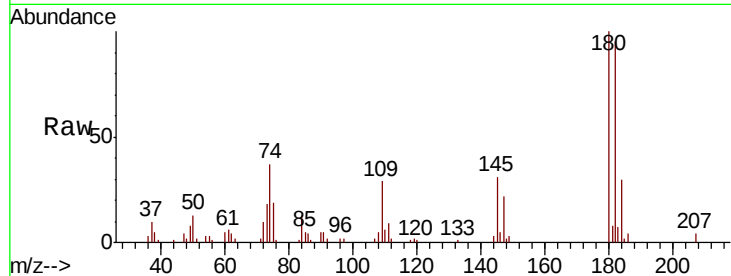




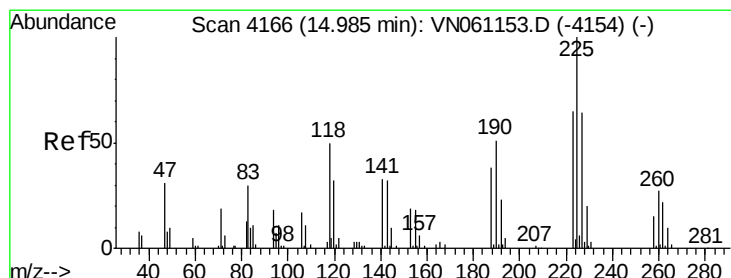
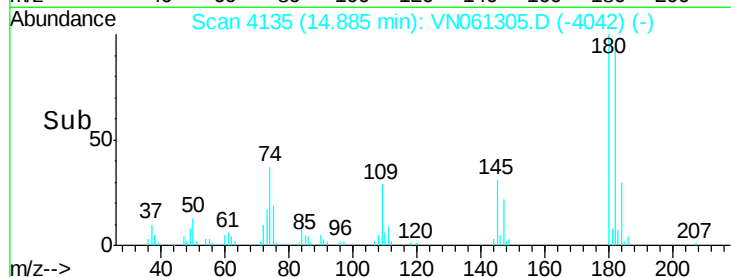
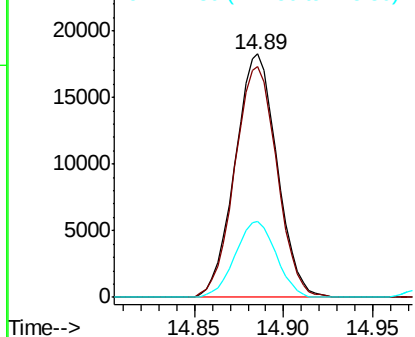
#93
 1,2,4-Trichlorobenzene
 Concen: 19.396 ug/l
 RT: 14.89 min Scan# 4135
 Delta R.T. 0.00 min
 Lab File: VN061305.D
 Acq: 6 May 2020 13:27

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:180 Resp: 29984
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.3 141.9
 145 30.3 16.0 47.9

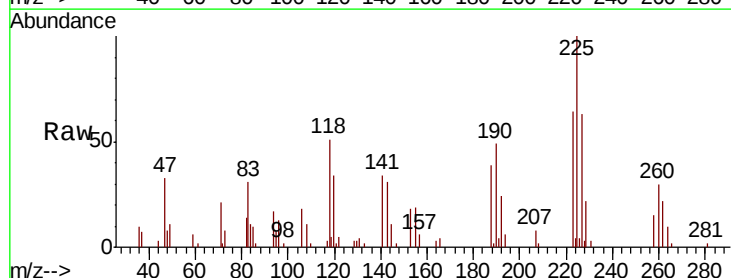


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

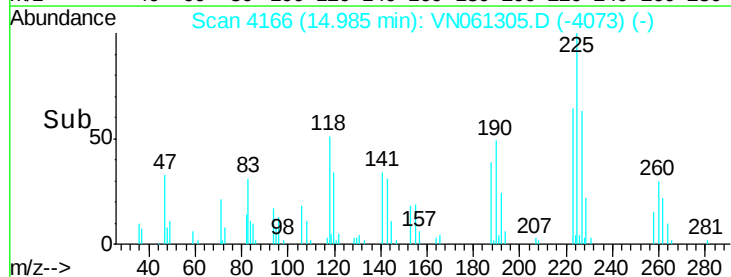
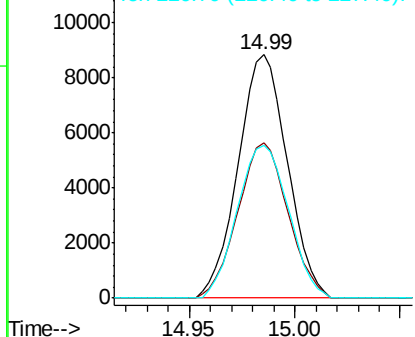


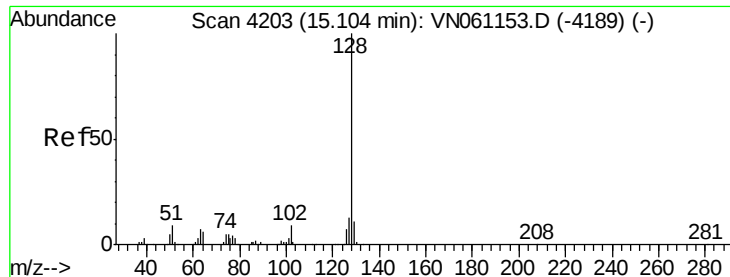
#94
 Hexachlorobutadiene
 Concen: 22.196 ug/l
 RT: 14.99 min Scan# 4166
 Delta R.T. 0.00 min
 Lab File: VN061305.D
 Acq: 6 May 2020 13:27

Tgt Ion:225 Resp: 14335
 Ion Ratio Lower Upper
 225 100
 223 65.1 32.4 97.0
 227 65.2 32.4 97.0



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 17.787 ug/l

RT: 15.11 min Scan# 4204

Delta R.T. 0.00 min

Lab File: VN061305.D

Acq: 6 May 2020 13:27

Instrument :

MSVOA_N

ClientSampleId :

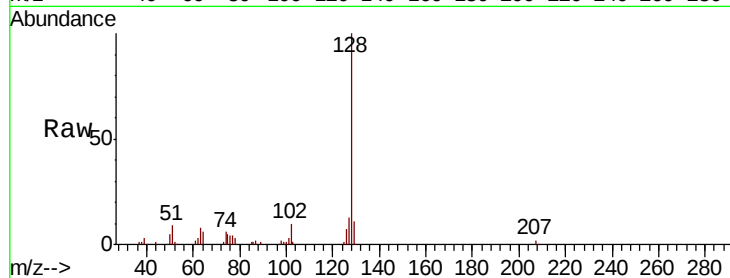
Tot Ion:128 Resp: 89550

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

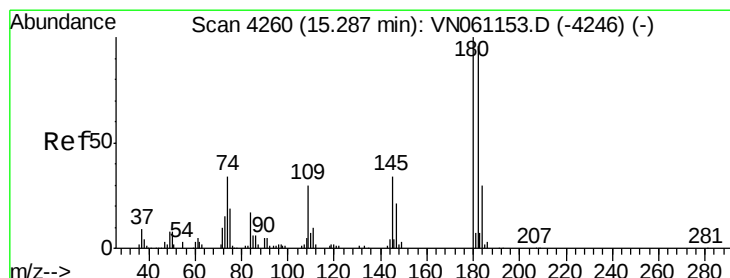
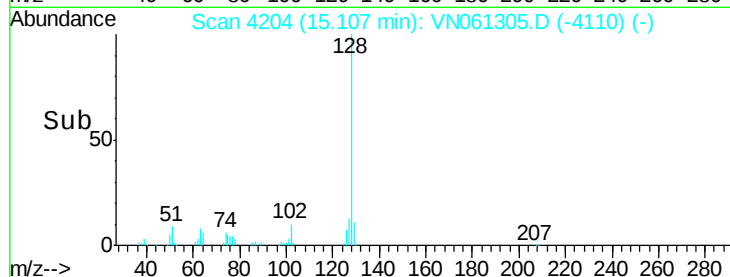
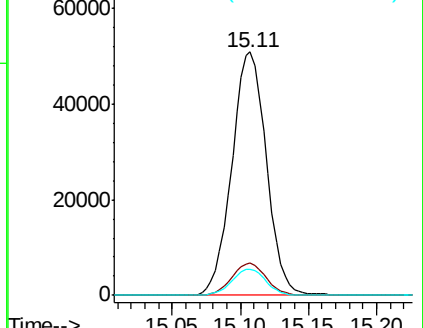
129 10.5 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.333 ug/l

RT: 15.29 min Scan# 4260

Delta R.T. 0.00 min

Lab File: VN061305.D

Acq: 6 May 2020 13:27

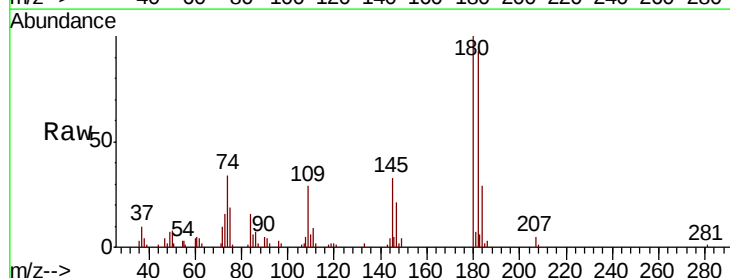
Tgt Ion:180 Resp: 29507

Ion Ratio Lower Upper

180 100

182 93.3 47.5 142.5

145 34.5 16.9 50.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

