

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042720\
 Data File : VN061154.D
 Acq On : 27 Apr 2020 17:35
 Operator : JC/MD
 Sample : VSTDIC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Quant Time: Apr 28 01:35:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 28 01:31:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	120898	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	211774	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	203680	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	101273	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	201585	121.57	ug/l	0.00
Spiked Amount			Recovery	=	243.14%	
35) Dibromofluoromethane	7.55	113	130862	107.85	ug/l	0.00
Spiked Amount			Recovery	=	215.70%	
50) Toluene-d8	10.06	98	553265	107.28	ug/l	0.00
Spiked Amount			Recovery	=	214.56%	
62) 4-Bromofluorobenzene	12.38	95	212292	109.86	ug/l	0.00
Spiked Amount			Recovery	=	219.72%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	142236	123.675	ug/l	99
3) Chloromethane	2.03	50	165068	117.722	ug/l	98
4) Vinyl Chloride	2.16	62	187016	110.939	ug/l	99
5) Bromomethane	2.52	94	88045	107.397	ug/l	99
6) Chloroethane	2.66	64	114544	124.494	ug/l	100
7) Trichlorofluoromethane	2.98	101	197621	108.874	ug/l	100
8) Diethyl Ether	3.37	74	91919	110.701	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	130721	109.249	ug/l	100
10) Methyl Iodide	3.91	142	173211	102.169	ug/l	99
11) Tert butyl alcohol	4.73	59	129506	607.654	ug/l	99
12) 1,1-Dichloroethene	3.70	96	130562	106.863	ug/l	99
13) Acrolein	3.56	56	88588	558.309	ug/l	97
14) Allyl chloride	4.27	41	220460	111.414	ug/l	93
15) Acrylonitrile	4.93	53	430327	649.369	ug/l	99
16) Acetone	3.77	43	366010	459.194	ug/l	99
17) Carbon Disulfide	4.01	76	381137	105.739	ug/l	100
18) Methyl Acetate	4.27	43	243110	112.646	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	509470	116.838	ug/l	100
20) Methylene Chloride	4.50	84	153403	108.125	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	147910	101.602	ug/l	98
22) Diisopropyl ether	5.90	45	596865	129.985	ug/l	99
23) Vinyl Acetate	5.84	43	2471761	670.972	ug/l	100
24) 1,1-Dichloroethane	5.80	63	301413	120.283	ug/l	100
25) 2-Butanone	6.78	43	610988	668.969	ug/l	99
26) 2,2-Dichloropropane	6.77	77	238527	107.900	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	173326	107.004	ug/l	98
28) Bromochloromethane	7.15	49	141291	130.007	ug/l	97
29) Tetrahydrofuran	7.16	42	421880	671.386	ug/l	99
30) Chloroform	7.33	83	302261	119.336	ug/l	99
31) Cyclohexane	7.61	56	281495	111.954	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	265089	117.391	ug/l	100
36) 1,1-Dichloropropene	7.75	75	229476	110.498	ug/l	99
37) Ethyl Acetate	6.88	43	262068	122.844	ug/l	99
38) Carbon Tetrachloride	7.73	117	198503	110.048	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	261021	104.279	ug/l	99
40) Benzene	8.00	78	667665	108.760	ug/l	100
41) Methacrylonitrile	7.12	41	110038	112.592	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	251747	113.450	ug/l	100
43) Isopropyl Acetate	8.12	43	445099	123.207	ug/l	100
44) Trichloroethene	8.80	130	172807	97.912	ug/l	99
45) 1,2-Dichloropropane	9.08	63	177967	109.047	ug/l	98
46) Dibromomethane	9.17	93	113507	109.147	ug/l	99
47) Bromodichloromethane	9.37	83	243505	117.738	ug/l	98
48) Methyl methacrylate	9.17	41	207573	122.591	ug/l	98
49) 1,4-Dioxane	9.16	88	39867	1609.200	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	1354159	639.954	ug/l	99
52) Toluene	10.12	92	416902	108.671	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	277312	110.499	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	287582	110.459	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	161583	109.246	ug/l	98
56) Ethyl methacrylate	10.40	69	273101	120.557	ug/l	99
57) 1,3-Dichloropropane	10.68	76	287720	113.355	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	686540	587.480	ug/l	99
59) 2-Hexanone	10.72	43	1001732	641.549	ug/l	99
60) Dibromochloromethane	10.87	129	175622	113.588	ug/l	99
61) 1,2-Dibromoethane	10.98	107	168111	110.497	ug/l	99
64) Tetrachloroethene	10.60	164	179185	88.247	ug/l	100
65) Chlorobenzene	11.41	112	424982	103.446	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	154896	106.327	ug/l	99
67) Ethyl Benzene	11.48	91	822670	107.115	ug/l	100
68) m/p-Xylenes	11.60	106	600843	210.096	ug/l	99
69) o-Xylene	11.92	106	291396	105.593	ug/l	100
70) Styrene	11.94	104	506865	113.010	ug/l	100
71) Bromoform	12.10	173	123420	112.970	ug/l #	99
73) Isopropylbenzene	12.22	105	793609	104.260	ug/l	99
74) N-amyl acetate	12.04	43	416723	119.381	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	238476	114.220	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	337803	147.389	ug/l #	100
77) Bromobenzene	12.50	156	180440	98.252	ug/l	99
78) n-propylbenzene	12.57	91	943800	105.451	ug/l	100
79) 2-Chlorotoluene	12.65	91	547115	105.205	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	667705	104.208	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	91395	104.530	ug/l	98
82) 4-Chlorotoluene	12.75	91	584398	105.757	ug/l	99
83) tert-Butylbenzene	12.97	119	559115	104.035	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	668339	104.404	ug/l	99
85) sec-Butylbenzene	13.15	105	766567	105.071	ug/l	100
86) p-Isopropyltoluene	13.26	119	693504	104.853	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	330493	100.777	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	333755	100.459	ug/l	100
89) n-Butylbenzene	13.59	91	640738	106.122	ug/l	100
90) Hexachloroethane	13.85	117	71040	133.089	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	314595	102.922	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	53264	117.322	ug/l	100

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Quant Title : SW846 8260
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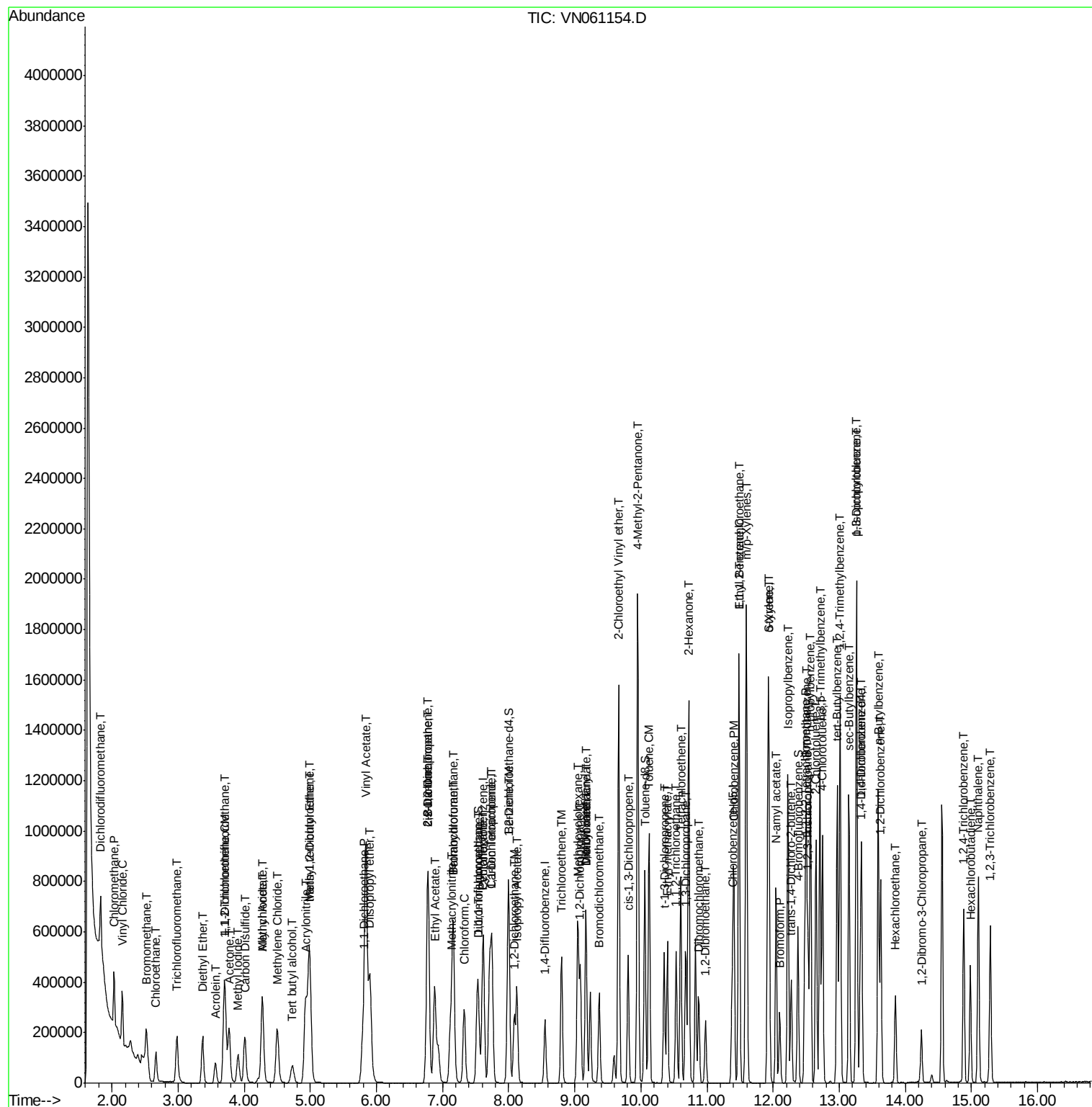
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	196868	97.128	ug/l	99
94) Hexachlorobutadiene	14.98	225	80338	91.499	ug/l	98
95) Naphthalene	15.10	128	659796	104.603	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	193552	99.173	ug/l	100

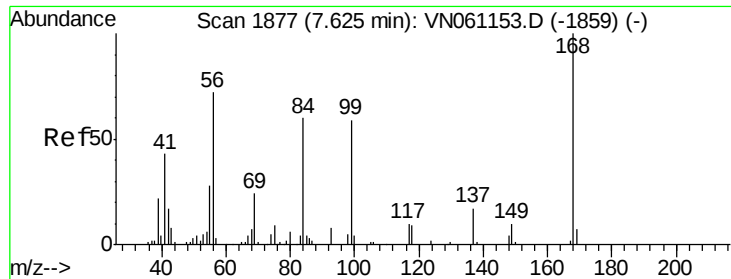
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VN061154.D

Acq: 27 Apr 2020 17:35

Instrument :

MSVOA_N

ClientSampleId :

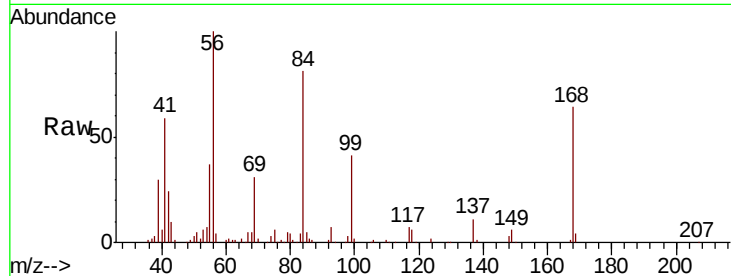
VSTDIC100

Tot Ion:168 Resp: 120898

Ion Ratio Lower Upper

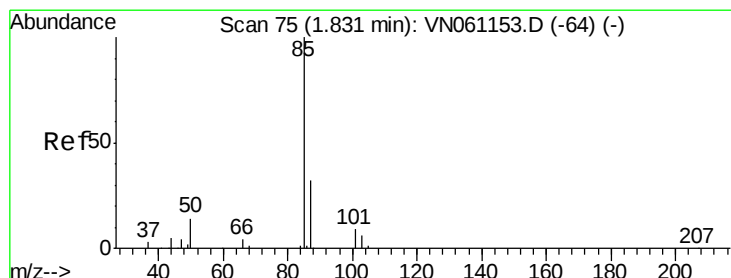
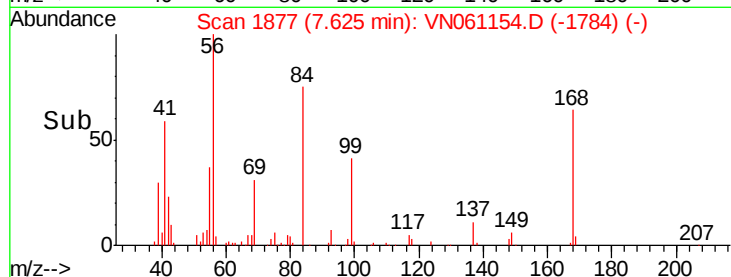
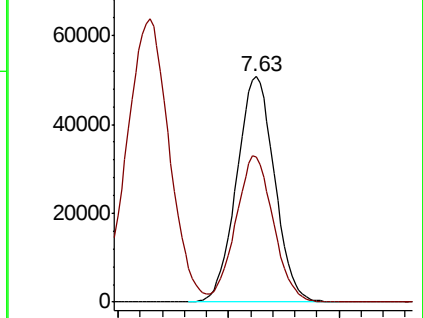
168 100

99 64.5 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: 123.675 ug/l

RT: 1.83 min Scan# 74

Delta R.T. -0.00 min

Lab File: VN061154.D

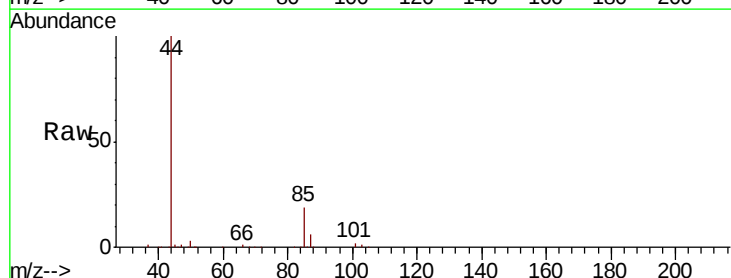
Acq: 27 Apr 2020 17:35

Tgt Ion: 85 Resp: 142236

Ion Ratio Lower Upper

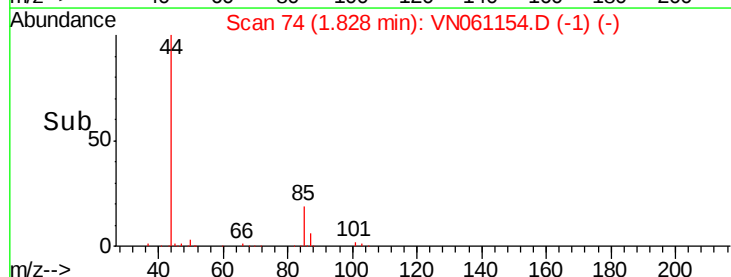
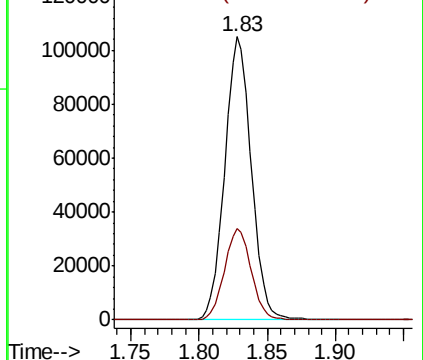
85 100

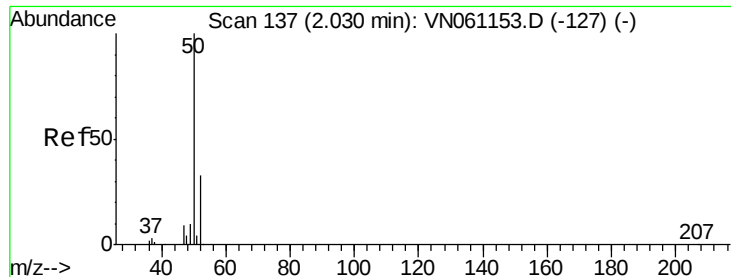
87 32.5 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 117.722 ug/l

RT: 2.03 min Scan# 137

Delta R.T. 0.00 min

Lab File: VN061154.D

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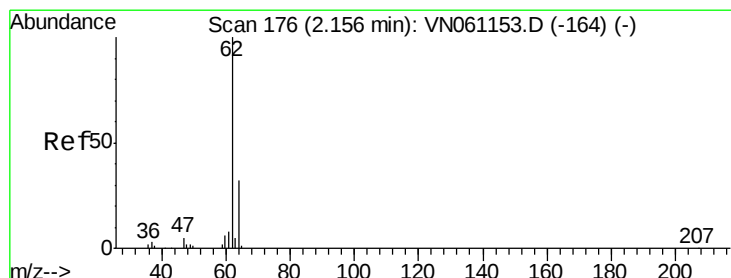
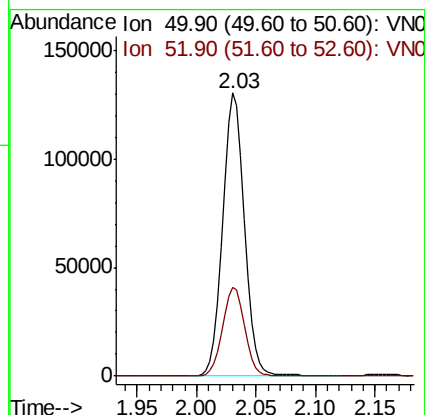
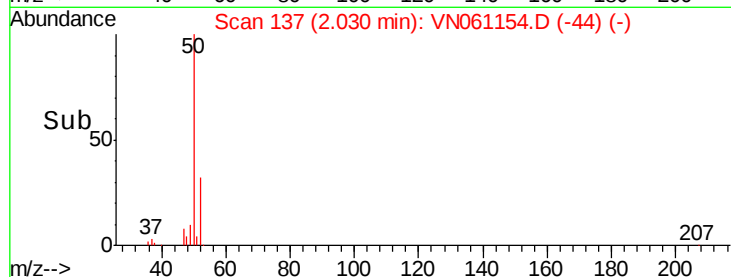
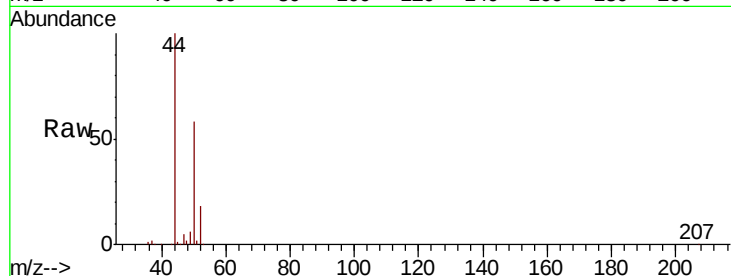
VSTDIC100

Tot Ion: 50 Resp: 165068

Ion Ratio Lower Upper

50 100

52 31.5 26.0 39.0



#4

Vinyl Chloride

Concen: 110.939 ug/l

RT: 2.16 min Scan# 176

Delta R.T. 0.00 min

Lab File: VN061154.D

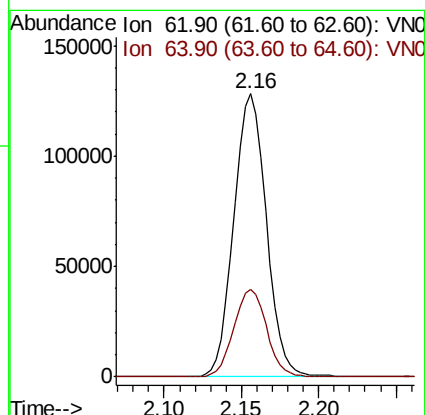
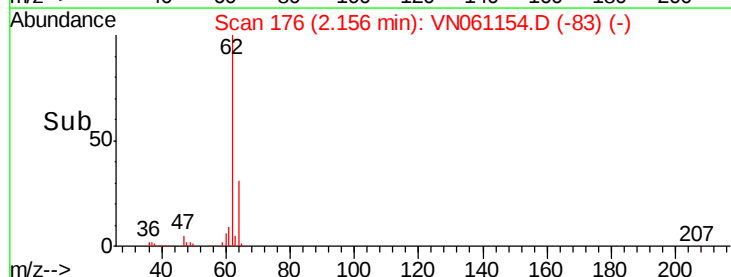
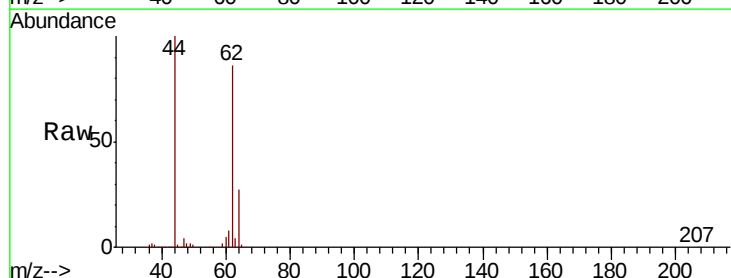
Acq: 27 Apr 2020 17:35

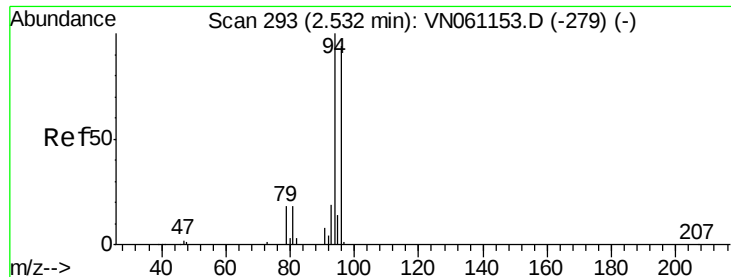
Tgt Ion: 62 Resp: 187016

Ion Ratio Lower Upper

62 100

64 31.1 25.2 37.8





#5

Bromomethane

Concen: 107.397 ug/l

RT: 2.52 min Scan# 289

Delta R.T. -0.01 min

Lab File: VN061154.D

Acq: 27 Apr 2020 17:35

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ClientSampleId :

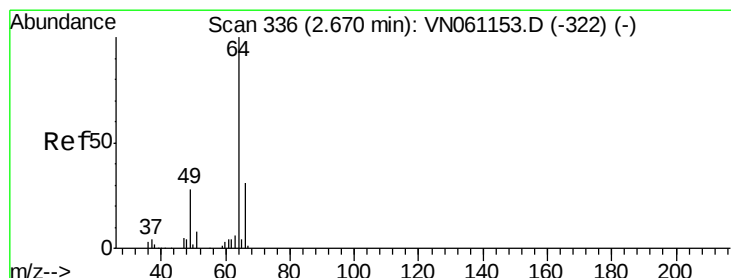
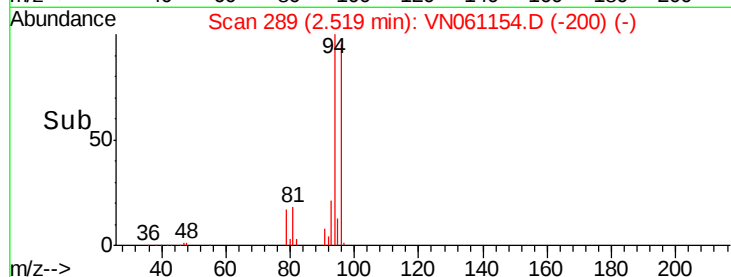
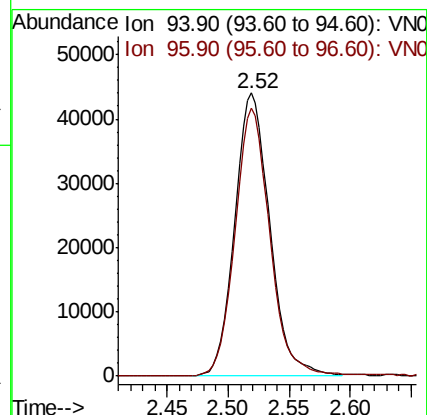
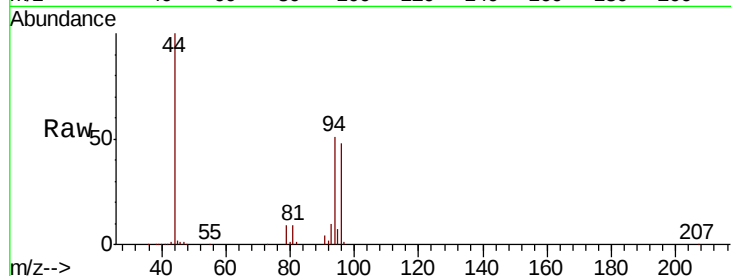
VSTDIC100

Tot Ion: 94 Resp: 88045

Ion Ratio Lower Upper

94 100

96 94.7 75.1 112.7



#6

Chloroethane

Concen: 124.494 ug/l

RT: 2.66 min Scan# 334

Delta R.T. -0.01 min

Lab File: VN061154.D

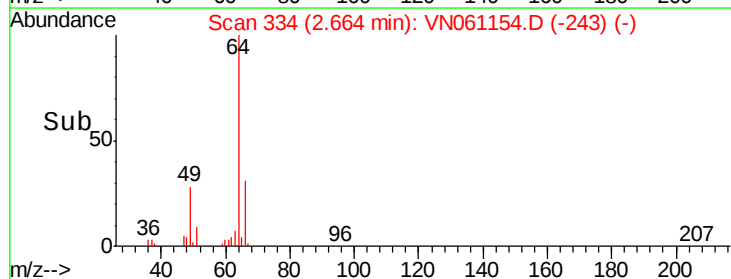
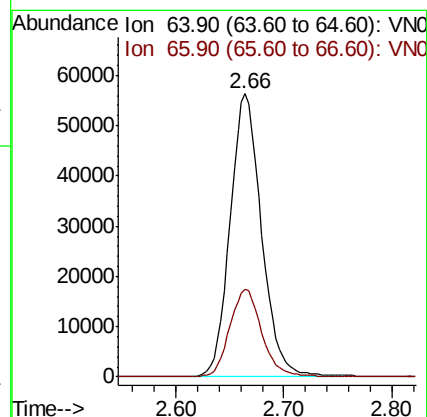
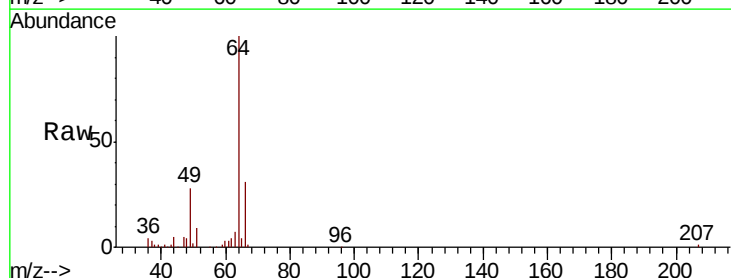
Acq: 27 Apr 2020 17:35

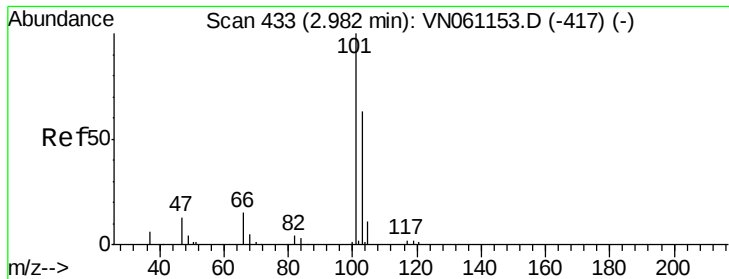
Tgt Ion: 64 Resp: 114544

Ion Ratio Lower Upper

64 100

66 30.9 24.6 36.8



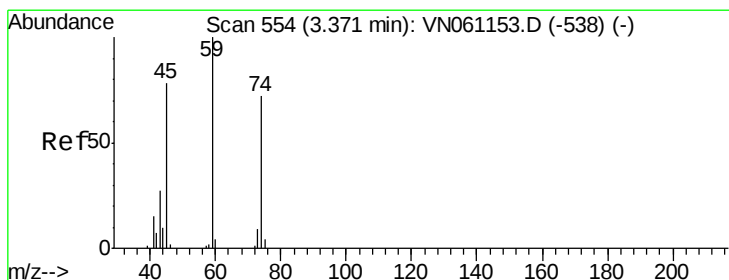
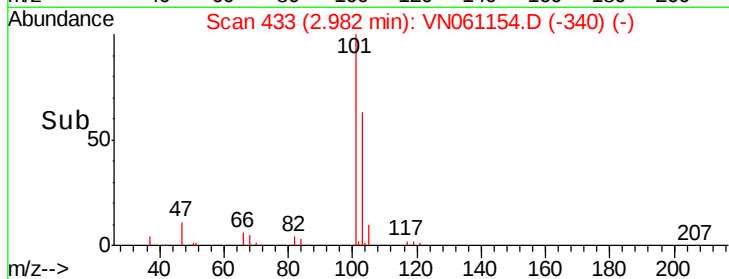
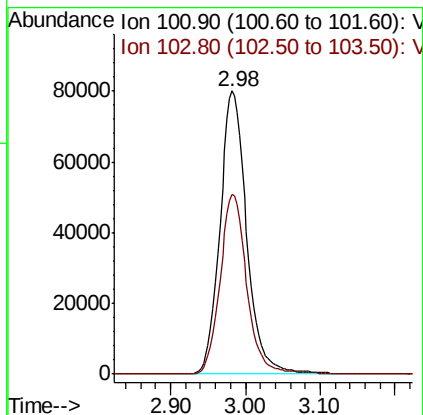
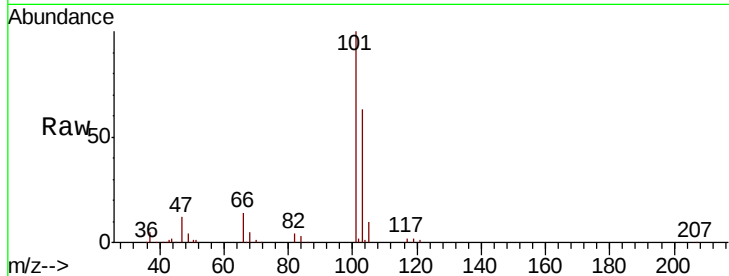


#7

Trichlorofluoromethane
 Concen: 108.874 ug/l
 RT: 2.98 min Scan# 433
 Delta R.T. 0.00 min
 Lab File: VN061154.D
 Acq: 27 Apr 2020 17:35

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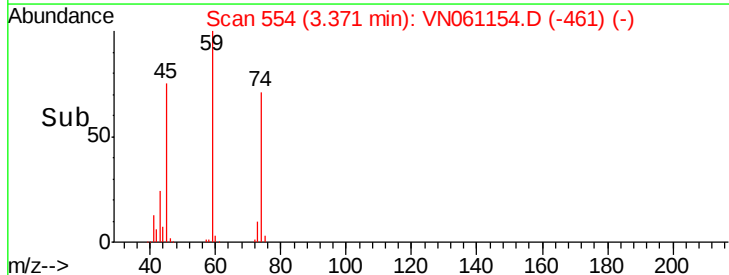
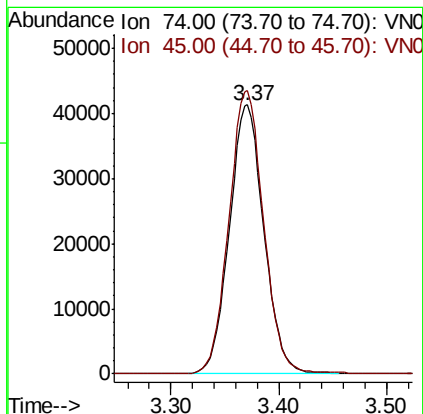
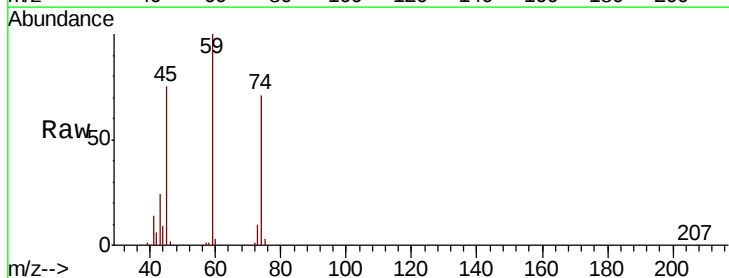
Tot Ion:101 Resp: 197621
 Ion Ratio Lower Upper
 101 100
 103 63.5 50.6 76.0

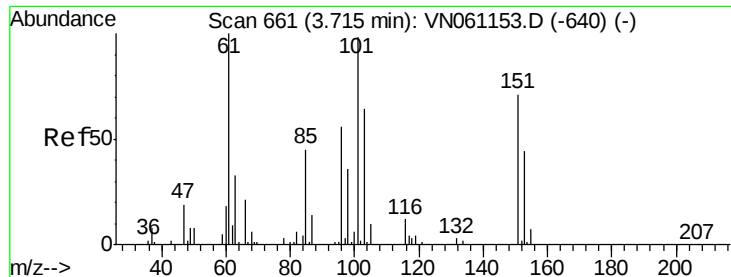


#8

Diethyl Ether
 Concen: 110.701 ug/l
 RT: 3.37 min Scan# 554
 Delta R.T. 0.00 min
 Lab File: VN061154.D
 Acq: 27 Apr 2020 17:35

Tgt Ion: 74 Resp: 91919
 Ion Ratio Lower Upper
 74 100
 45 106.2 53.3 160.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 109.249 ug/l

RT: 3.72 min Scan# 661

Delta R.T. 0.00 min

Lab File: VN061154.D

Acq: 27 Apr 2020 17:35

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VSTDIC100

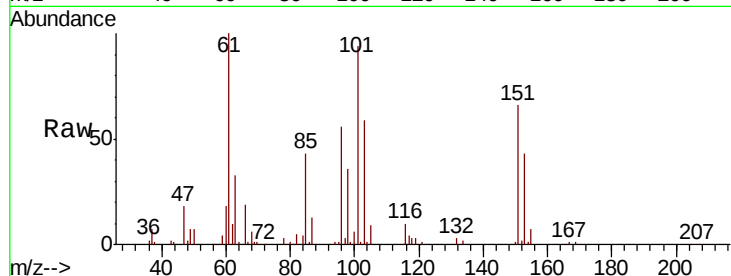
Tot Ion:101 Resp: 130721

Ion Ratio Lower Upper

101 100

85 46.5 37.2 55.8

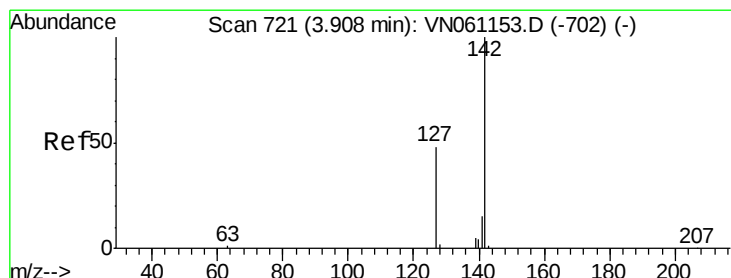
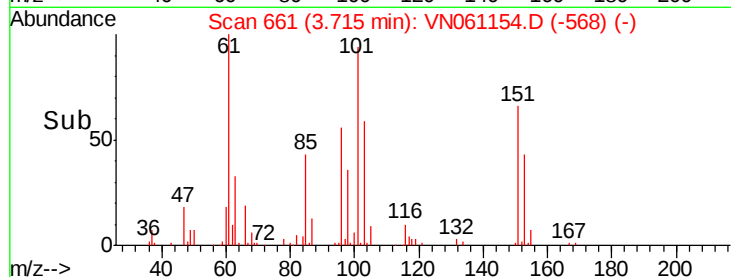
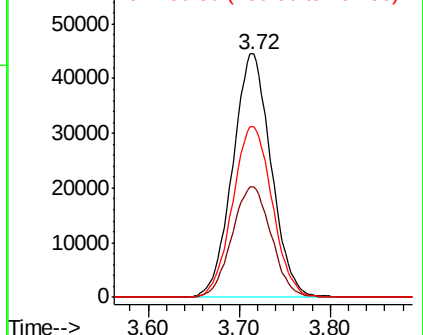
151 72.2 57.7 86.5



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: 102.169 ug/l

RT: 3.91 min Scan# 721

Delta R.T. 0.00 min

Lab File: VN061154.D

Acq: 27 Apr 2020 17:35

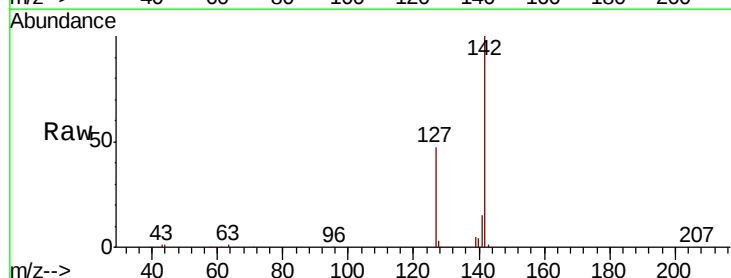
Tgt Ion:142 Resp: 173211

Ion Ratio Lower Upper

142 100

127 46.9 38.0 57.0

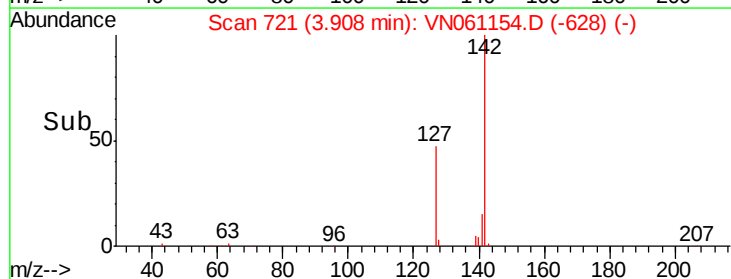
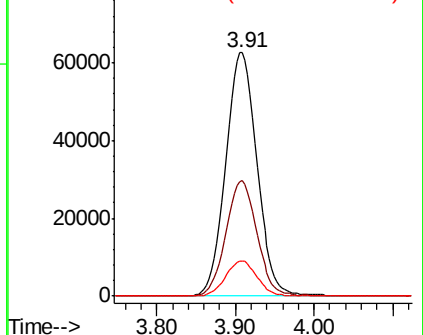
141 14.4 11.7 17.5

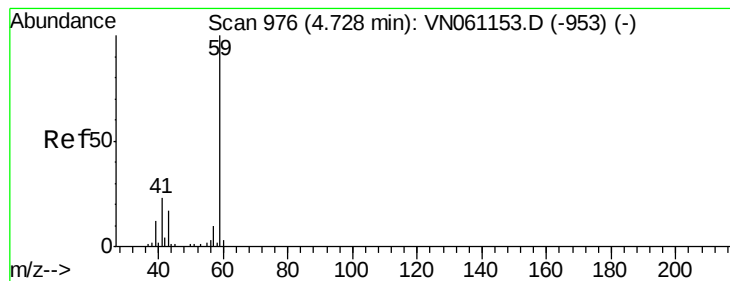


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



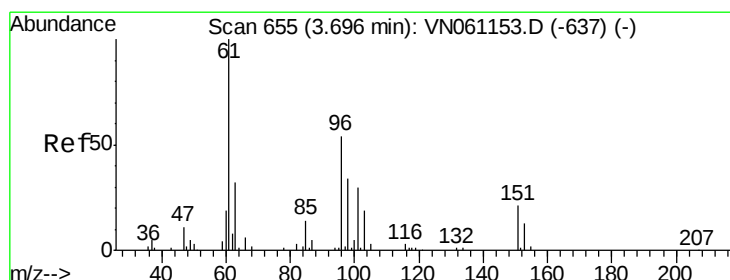
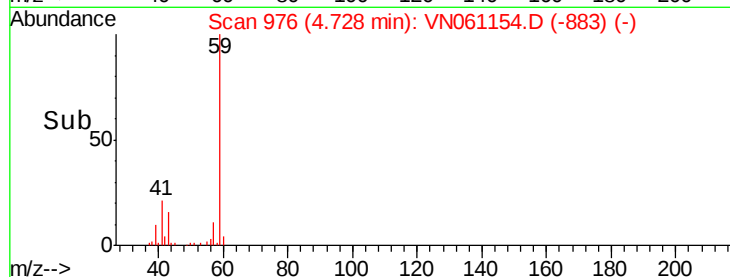
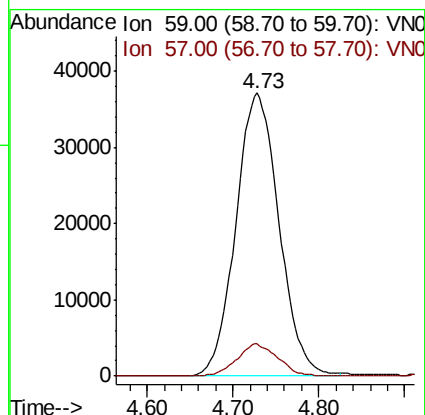
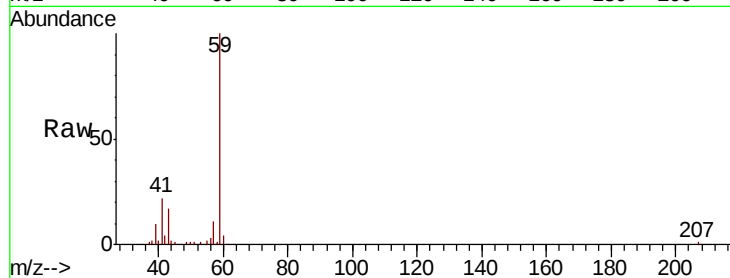


#11

Tert butyl alcohol
 Concen: 607.654 ug/l
 RT: 4.73 min Scan# 976
 Delta R.T. 0.00 min
 Lab File: VN061154.D
 Acq: 27 Apr 2020 17:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

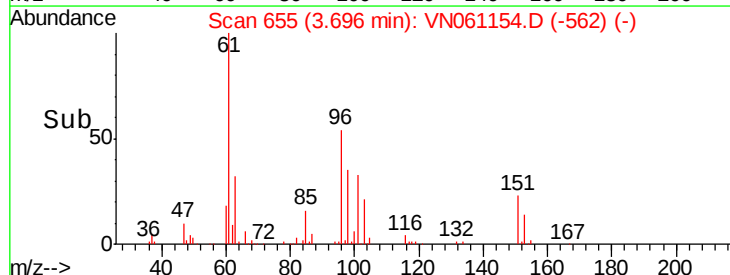
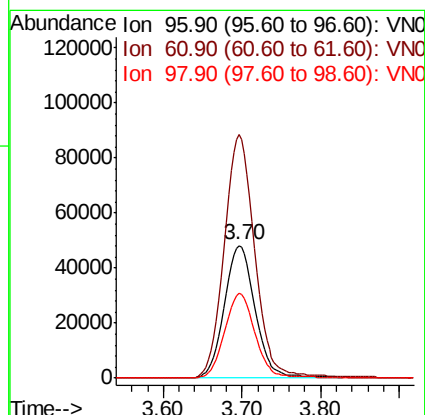
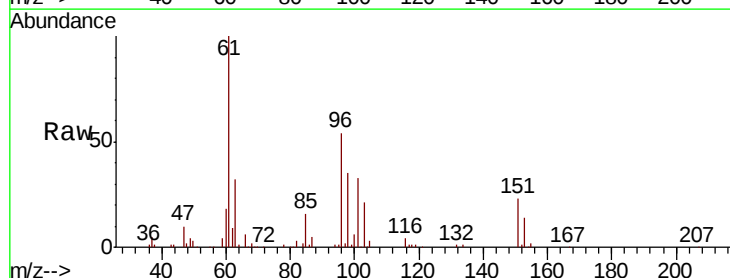
Tot Ion: 59 Resp: 129506
 Ion Ratio Lower Upper
 59 100
 57 10.8 8.3 12.5

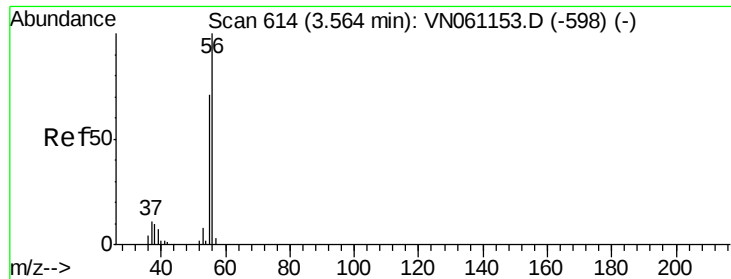


#12

1,1-Dichloroethene
 Concen: 106.863 ug/l
 RT: 3.70 min Scan# 655
 Delta R.T. 0.00 min
 Lab File: VN061154.D
 Acq: 27 Apr 2020 17:35

Tgt Ion: 96 Resp: 130562
 Ion Ratio Lower Upper
 96 100
 61 184.0 147.0 220.6
 98 63.9 49.8 74.6





#13

Acrolein

Concen: 558.309 ug/l

RT: 3.56 min Scan# 614

Delta R.T. 0.00 min

Lab File: VN061154.D

Acq: 27 Apr 2020 17:35

Instrument :

MSVOA_N

ClientSampleId :

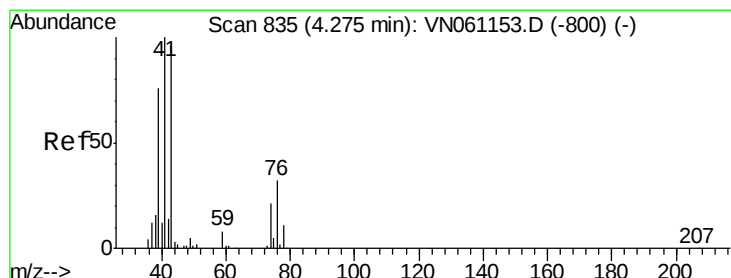
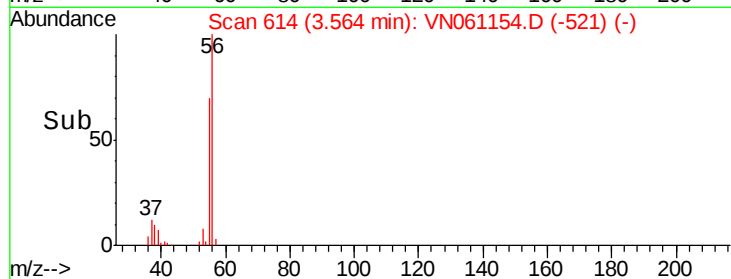
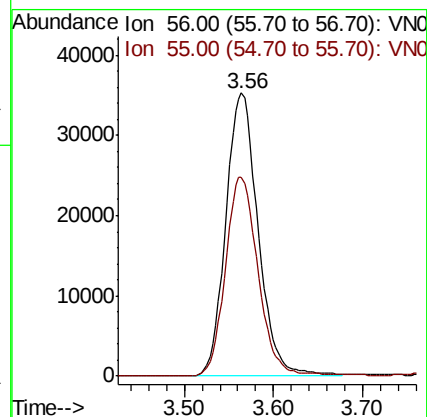
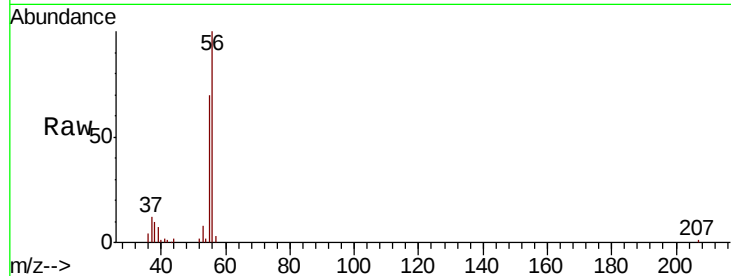
VSTDIC100

Tot Ion: 56 Resp: 88588

Ion Ratio Lower Upper

56 100

55 70.2 58.5 87.7



#14

Allyl chloride

Concen: 111.414 ug/l

RT: 4.27 min Scan# 835

Delta R.T. 0.00 min

Lab File: VN061154.D

Acq: 27 Apr 2020 17:35

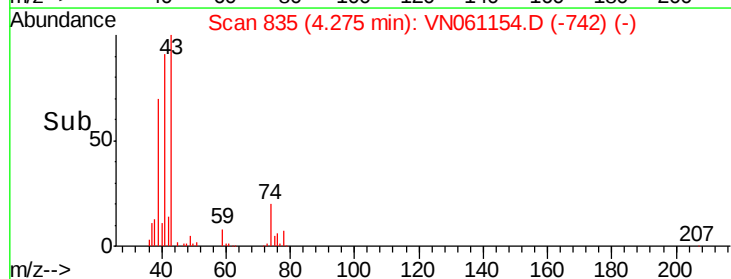
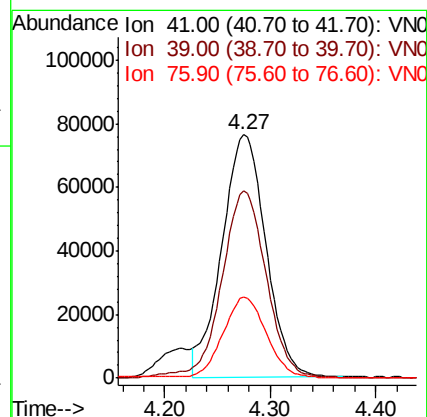
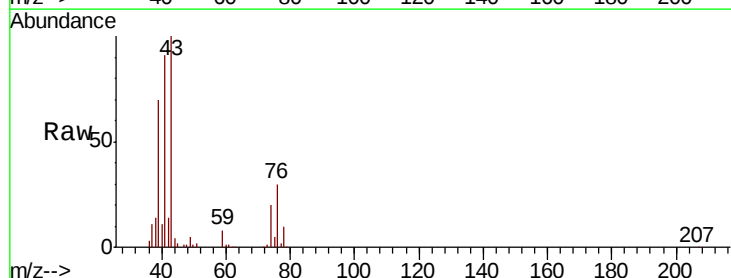
Tgt Ion: 41 Resp: 220460

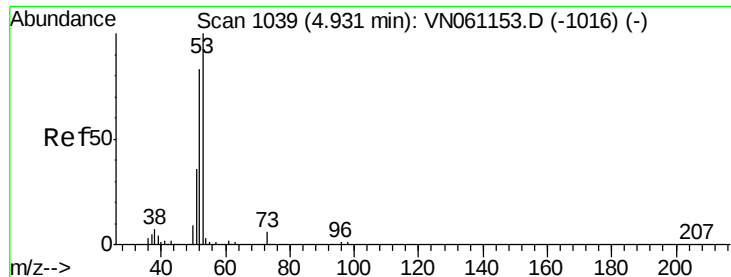
Ion Ratio Lower Upper

41 100

39 78.8 57.1 85.7

76 32.5 24.3 36.5

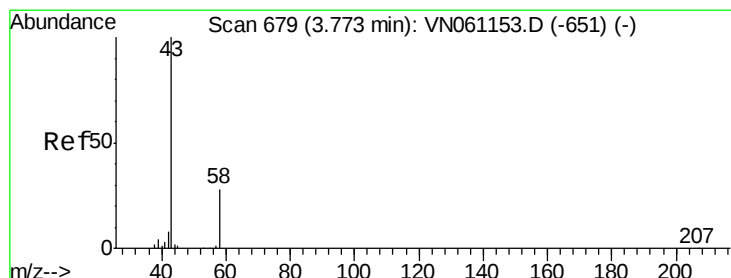
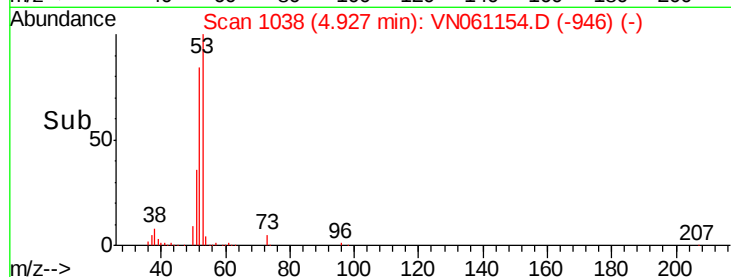
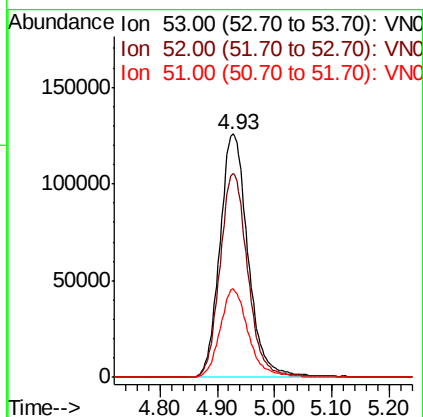
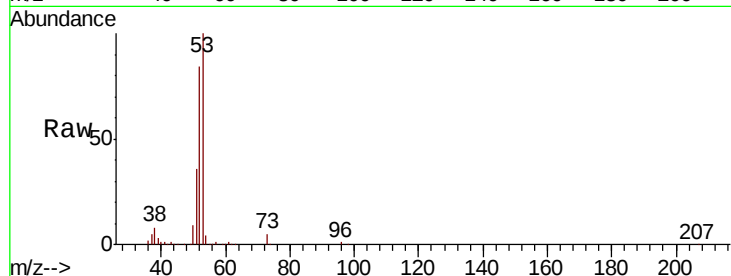




#15
 Acrylonitrile
 Concen: 649.369 ug/l
 RT: 4.93 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: VN061154.D
 Acq: 27 Apr 2020 17:35

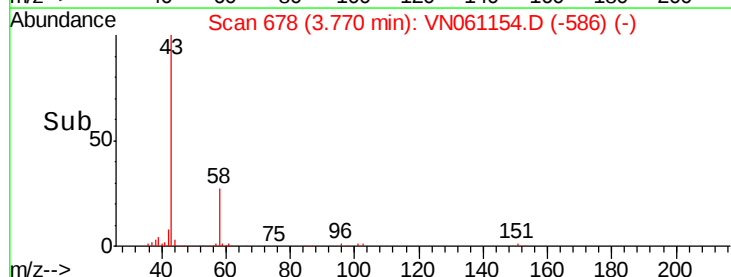
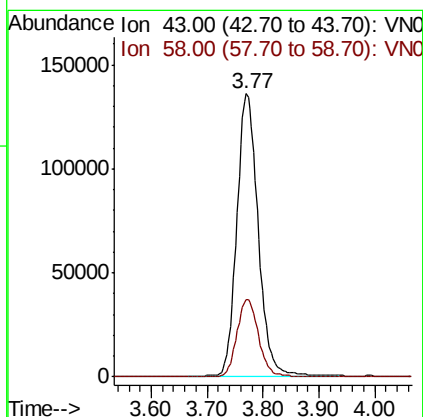
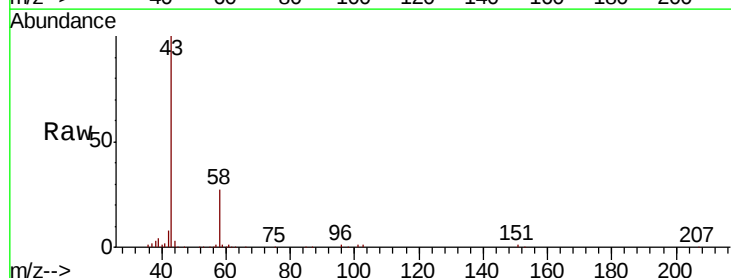
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

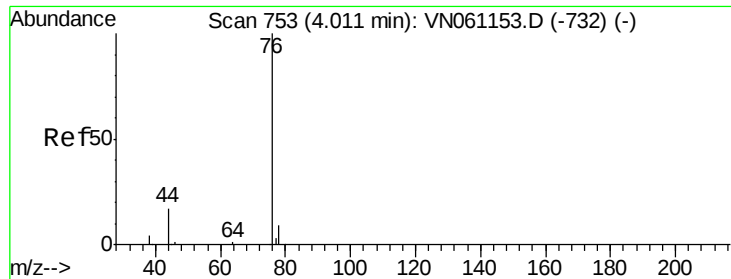
Tot Ion	53	Resp	430327
Ion	Ratio	Lower	Upper
53	100		
52	82.4	65.4	98.0
51	36.5	29.5	44.3



#16
 Acetone
 Concen: 459.194 ug/l
 RT: 3.77 min Scan# 678
 Delta R.T. -0.00 min
 Lab File: VN061154.D
 Acq: 27 Apr 2020 17:35

Tgt Ion	43	Resp	366010
Ion	Ratio	Lower	Upper
43	100		
58	27.4	22.2	33.2





#17

Carbon Disulfide

Concen: 105.739 ug/l

RT: 4.01 min Scan# 753

Delta R.T. 0.00 min

Lab File: VN061154.D

Acq: 27 Apr 2020 17:35

Instrument :

MSVOA_N

ClientSampled :

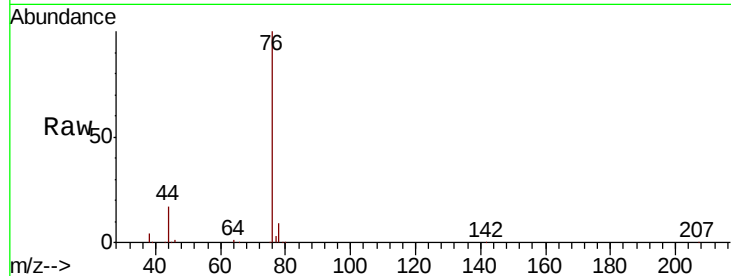
VSTDIC100

Tot Ion: 76 Resp: 381137

Ion Ratio Lower Upper

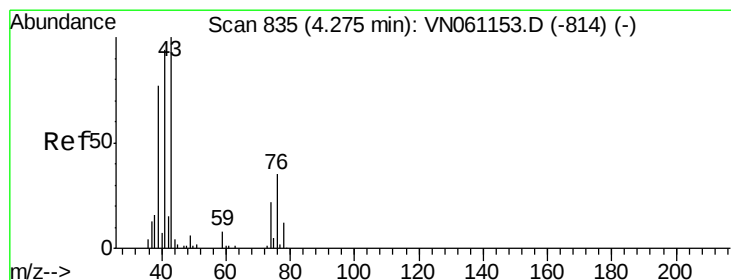
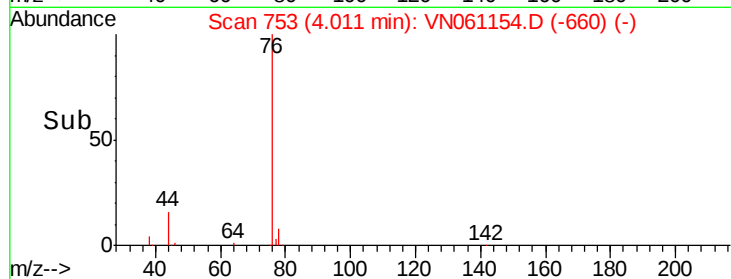
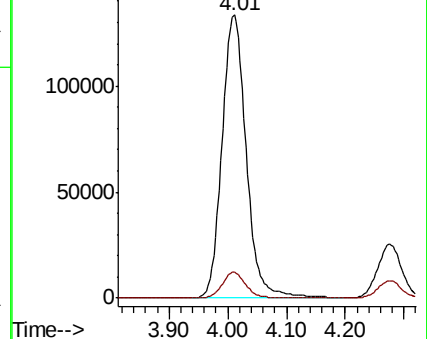
76 100

78 9.0 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VN061153.D (-732) (-)

Ion 77.90 (77.60 to 78.60): VN061153.D (-732) (-)



#18

Methyl Acetate

Concen: 112.646 ug/l

RT: 4.27 min Scan# 834

Delta R.T. -0.00 min

Lab File: VN061154.D

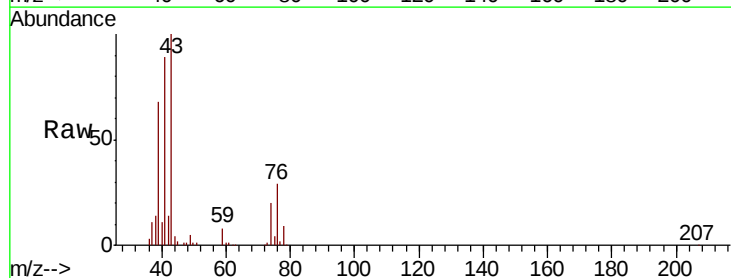
Acq: 27 Apr 2020 17:35

Tgt Ion: 43 Resp: 243110

Ion Ratio Lower Upper

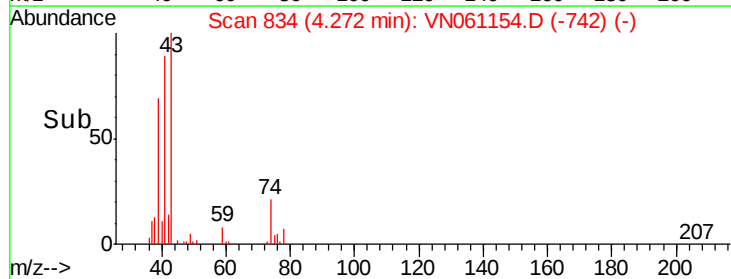
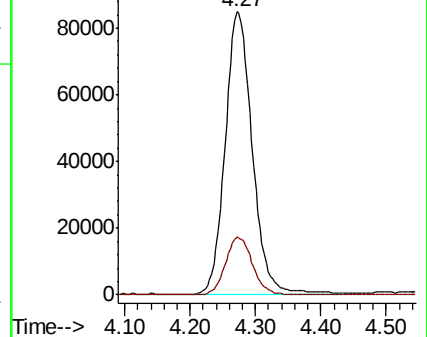
43 100

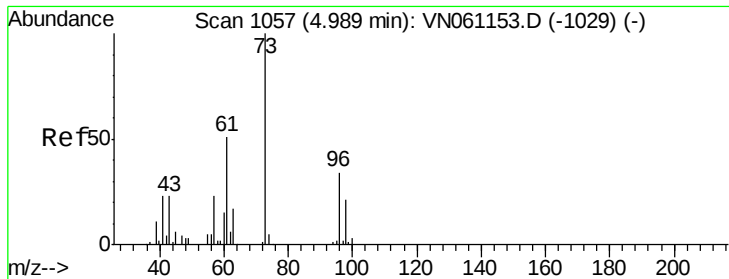
74 20.4 17.0 25.4



Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-814) (-)

Ion 74.00 (73.70 to 74.70): VN061153.D (-814) (-)

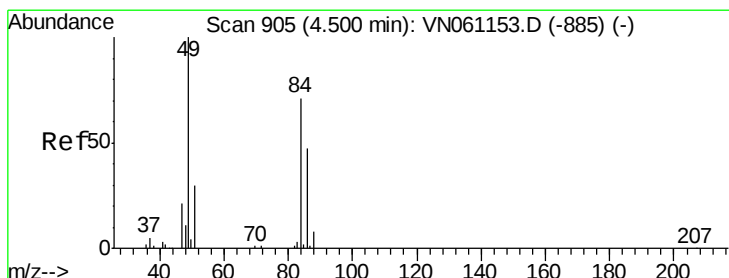
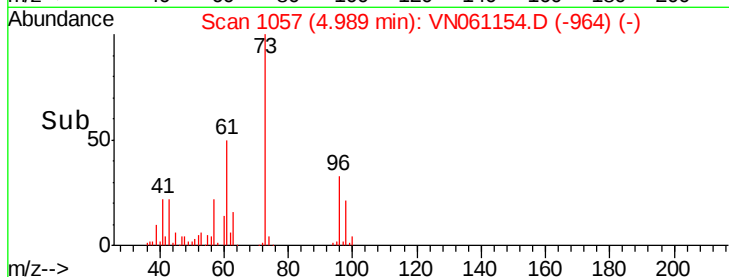
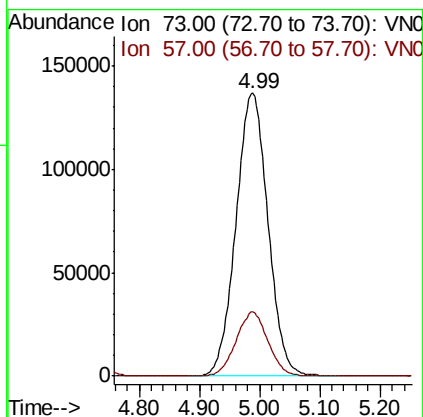
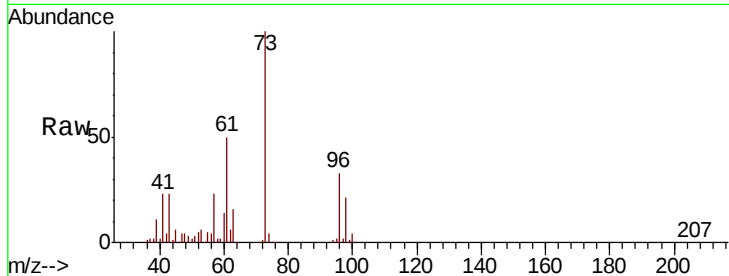




#19
Methvl tert-butvl Ether
Concen: 116.838 ug/l
RT: 4.99 min Scan# 1057
Delta R.T. 0.00 min
Lab File: VN061154.D
Acq: 27 Apr 2020 17:35

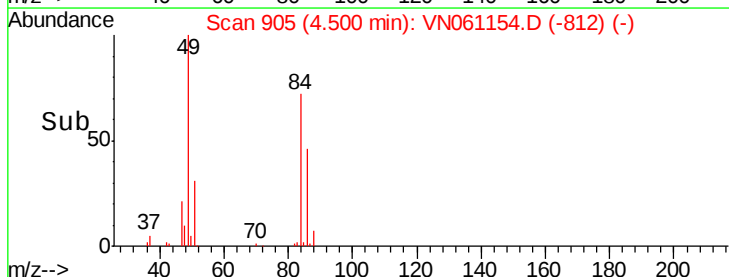
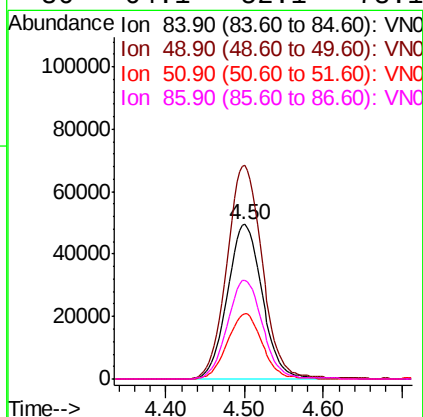
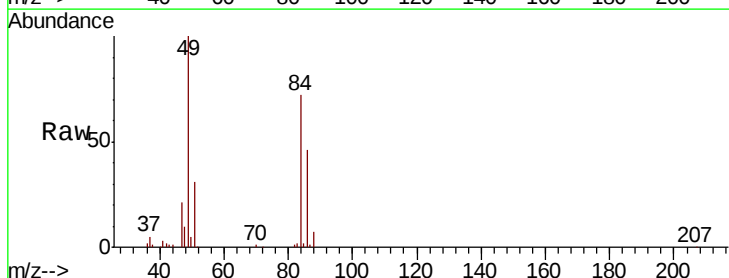
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

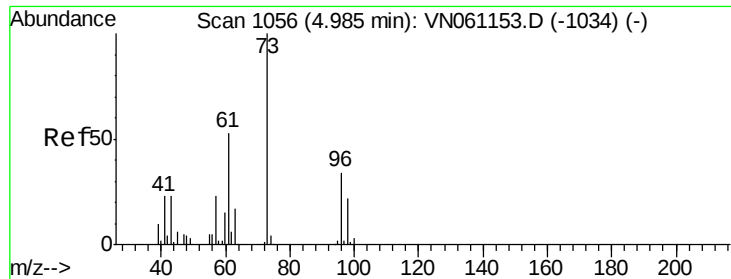
Tot Ion: 73 Resp: 509470
Ion Ratio Lower Upper
73 100
57 22.7 18.3 27.5



#20
Methylene Chloride
Concen: 108.125 ug/l
RT: 4.50 min Scan# 905
Delta R.T. 0.00 min
Lab File: VN061154.D
Acq: 27 Apr 2020 17:35

Tgt Ion: 84 Resp: 153403
Ion Ratio Lower Upper
84 100
49 138.0 112.0 168.0
51 42.4 33.6 50.4
86 64.1 52.1 78.1

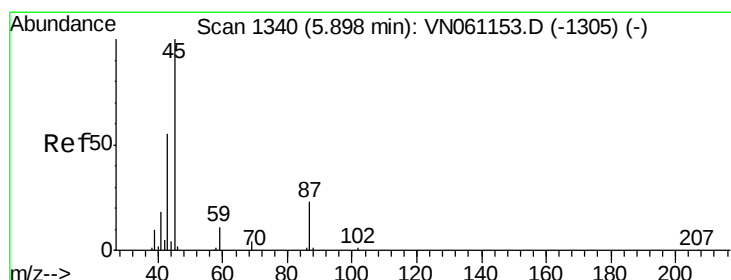
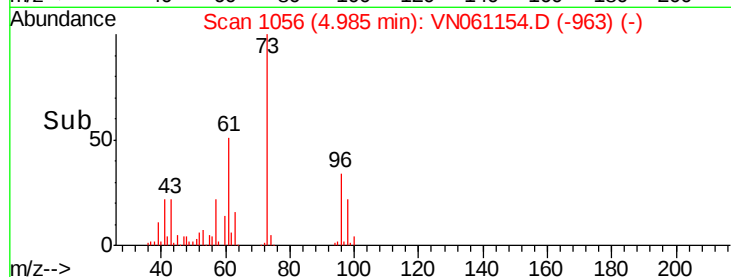
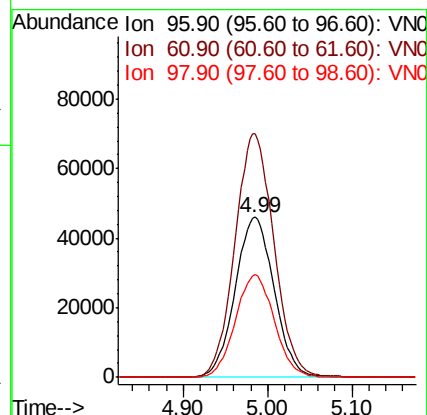
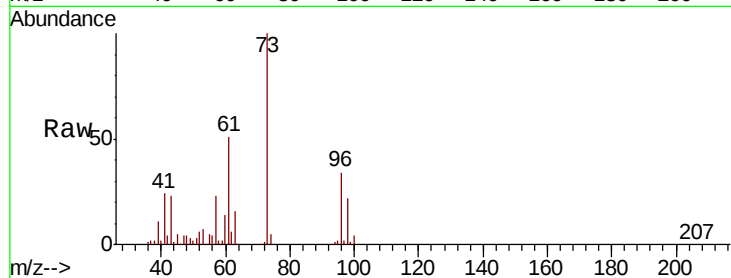




#21
trans-1,2-Dichloroethene
Concen: 101.602 ug/l
RT: 4.99 min Scan# 1056
Delta R.T. 0.00 min
Lab File: VN061154.D
Acq: 27 Apr 2020 17:35

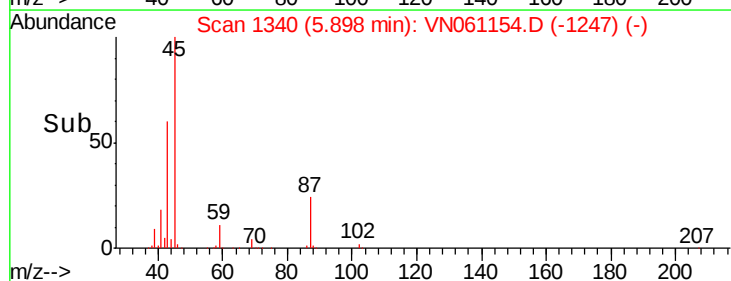
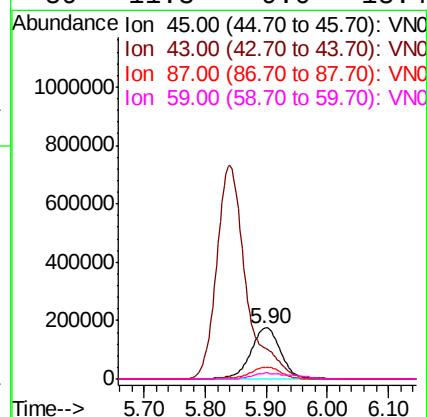
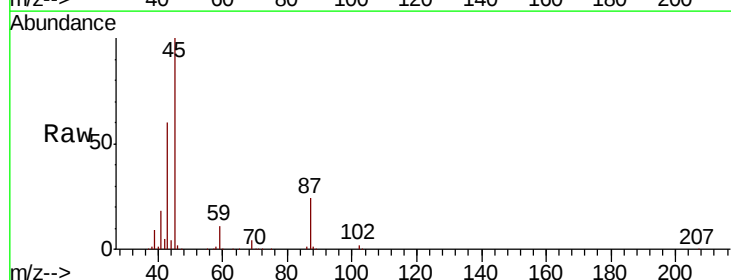
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

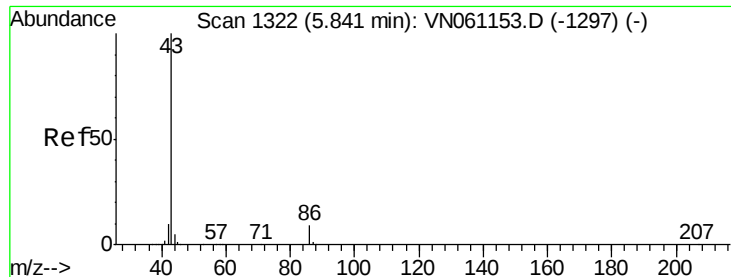
Tot Ion: 96 Resp: 147910
Ion Ratio Lower Upper
96 100
61 151.7 123.0 184.4
98 64.0 50.1 75.1



#22
Diisopropyl ether
Concen: 129.985 ug/l
RT: 5.90 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VN061154.D
Acq: 27 Apr 2020 17:35

Tgt Ion: 45 Resp: 596865
Ion Ratio Lower Upper
45 100
43 58.9 47.9 71.9
87 23.8 19.2 28.8
59 11.3 9.0 13.4





#23

Vinyl Acetate

Concen: 670.972 ug/l

RT: 5.84 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VN061154.D

Acq: 27 Apr 2020 17:35

Instrument :

MSVOA_N

ClientSampleId :

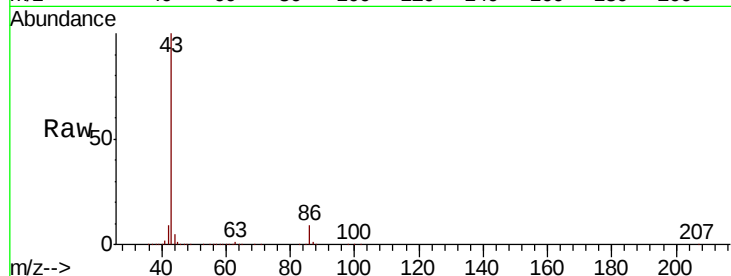
VSTDIC100

Tot Ion: 43 Resp: 2471761

Ion Ratio Lower Upper

43 100

86 9.1 7.2 10.8



Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-1297) (-)

Ion 86.00 (85.70 to 86.70): VN061153.D (-1297) (-)

5.84

800000

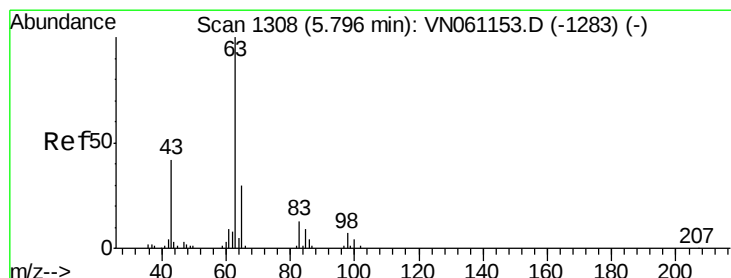
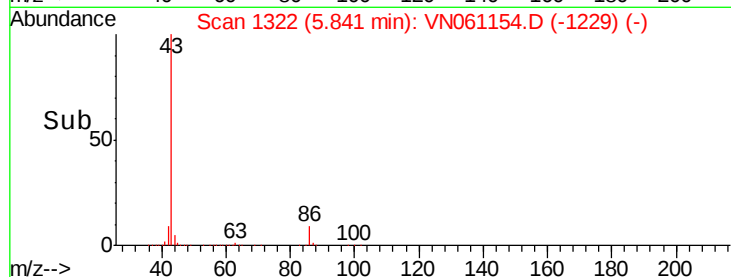
600000

400000

200000

0

Time--> 5.60 5.80 6.00



#24

1,1-Dichloroethane

Concen: 120.283 ug/l

RT: 5.80 min Scan# 1308

Delta R.T. 0.00 min

Lab File: VN061154.D

Acq: 27 Apr 2020 17:35

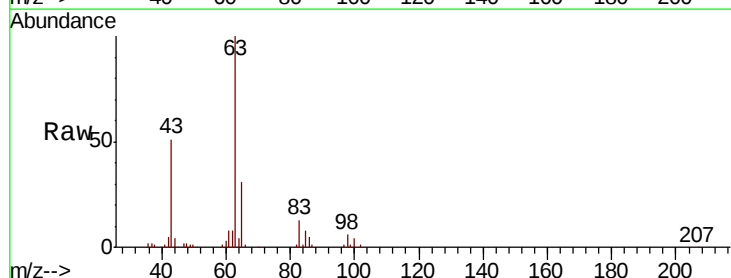
Tgt Ion: 63 Resp: 301413

Ion Ratio Lower Upper

63 100

98 6.5 3.3 9.9

100 4.0 1.9 5.7



Abundance Ion 62.90 (62.60 to 63.60): VN061153.D (-1283) (-)

Ion 97.90 (97.60 to 98.60): VN061153.D (-1283) (-)

Ion 99.90 (99.60 to 100.60): VN061153.D (-1283) (-)

120000

100000

80000

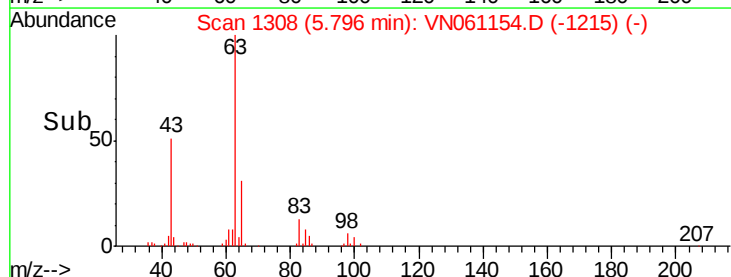
60000

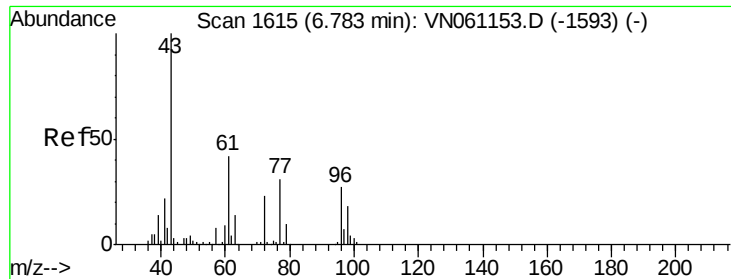
40000

20000

0

Time--> 5.70 5.80 5.90





#25

2-Butanone

Concen: 668.969 ug/l

RT: 6.78 min Scan# 1615

Delta R.T. 0.00 min

Lab File: VN061154.D

Acq: 27 Apr 2020 17:35

Instrument :

MSVOA_N

ClientSampleId :

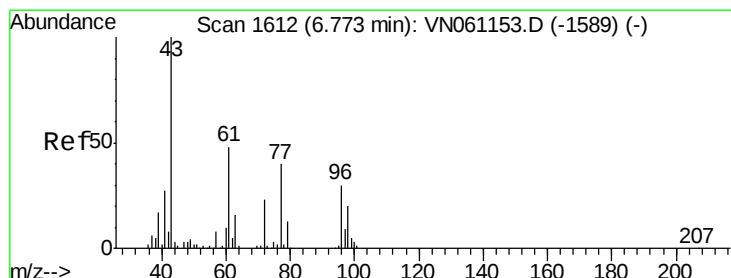
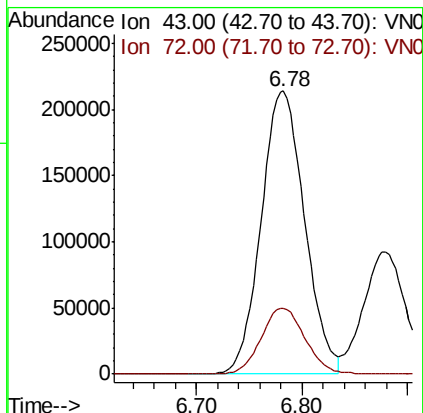
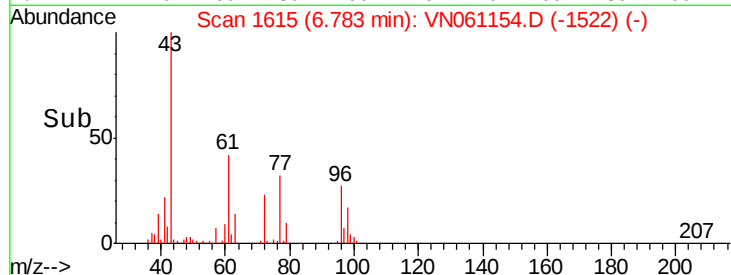
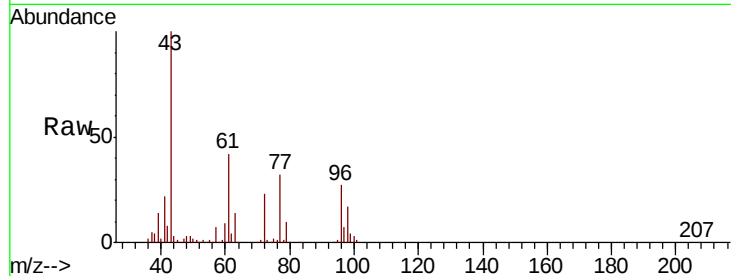
VSTDIC100

Tot Ion: 43 Resp: 610988

Ion Ratio Lower Upper

43 100

72 23.5 18.2 27.4



#26

2,2-Dichloropropane

Concen: 107.900 ug/l

RT: 6.77 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VN061154.D

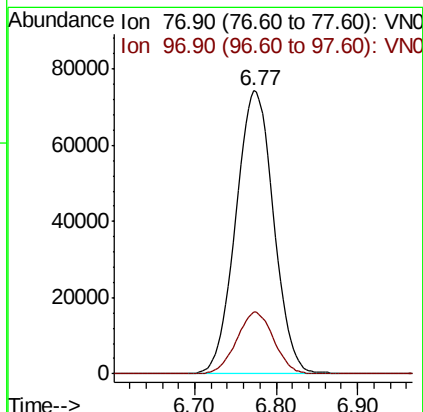
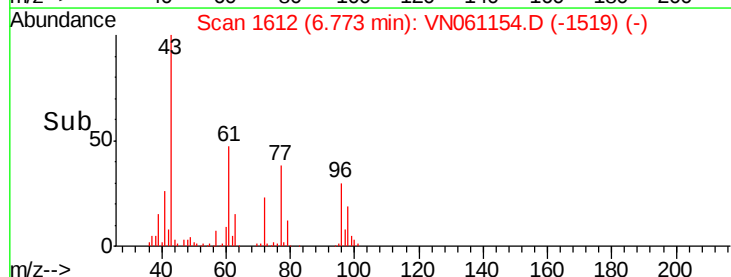
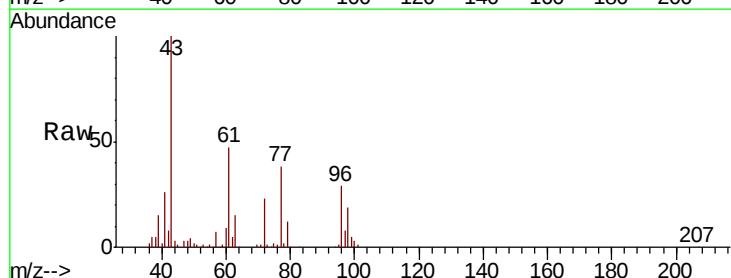
Acq: 27 Apr 2020 17:35

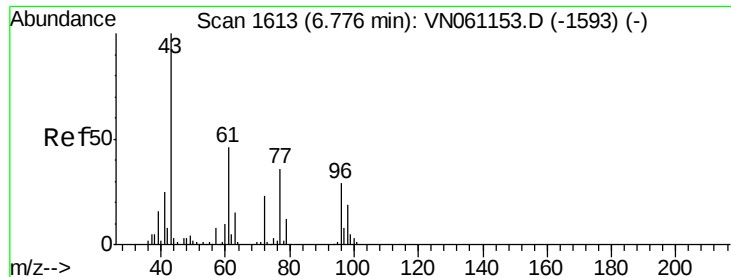
Tgt Ion: 77 Resp: 238527

Ion Ratio Lower Upper

77 100

97 21.4 10.5 31.5





#27

cis-1,2-Dichloroethene

Concen: 107.004 ug/l

RT: 6.78 min Scan# 1614

Delta R.T. 0.00 min

Lab File: VN061154.D

Acq: 27 Apr 2020 17:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

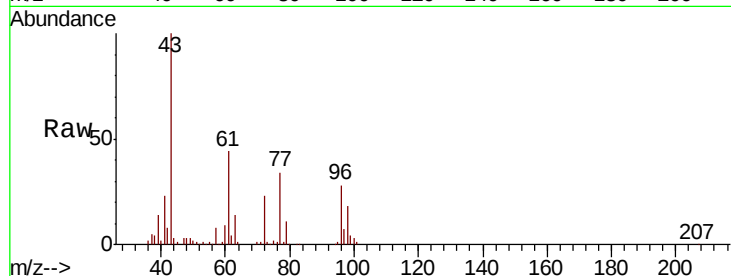
Tot Ion: 96 Resp: 173326

Ion Ratio Lower Upper

96 100

61 158.7 0.0 322.0

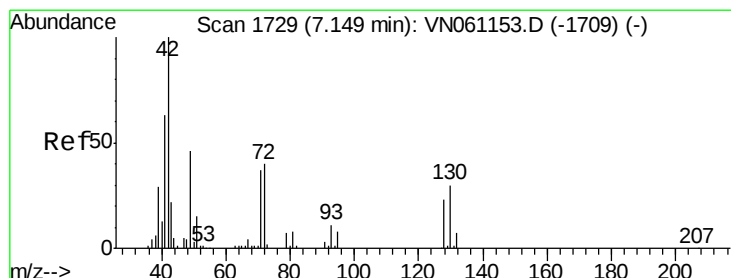
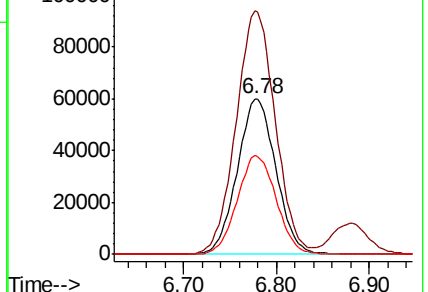
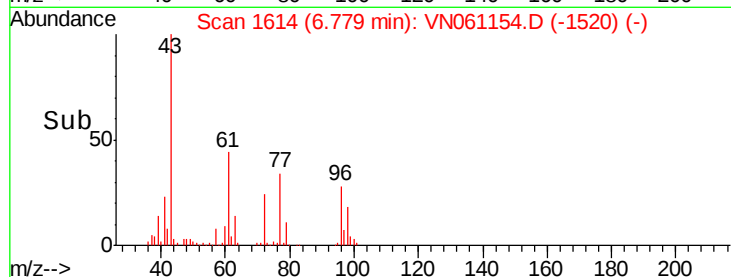
98 64.0 0.0 129.6



Abundance Ion 95.90 (95.60 to 96.60): VN061153.D (-1593) (-)

Ion 60.90 (60.60 to 61.60): VN061153.D (-1593) (-)

Ion 97.90 (97.60 to 98.60): VN061153.D (-1593) (-)



#28

Bromochloromethane

Concen: 130.007 ug/l

RT: 7.15 min Scan# 1730

Delta R.T. 0.00 min

Lab File: VN061154.D

Acq: 27 Apr 2020 17:35

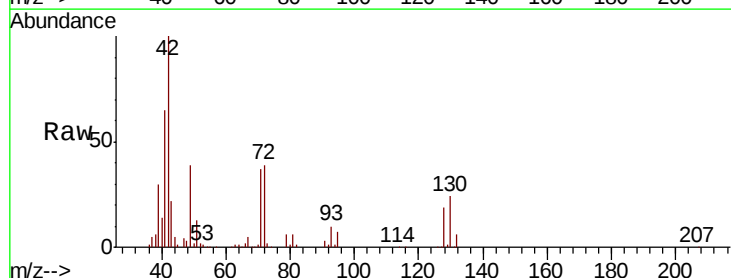
Tgt Ion: 49 Resp: 141291

Ion Ratio Lower Upper

49 100

129 1.6 0.0 3.0

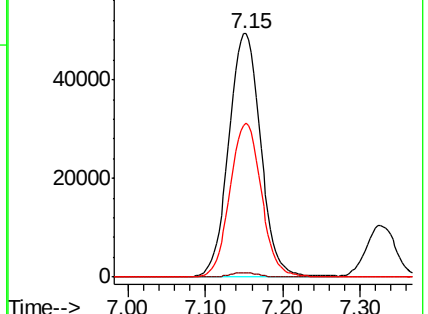
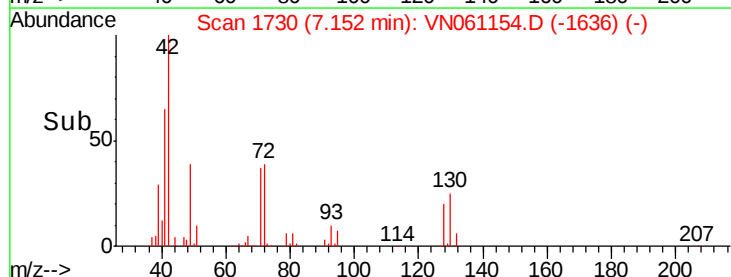
130 62.2 51.4 77.2

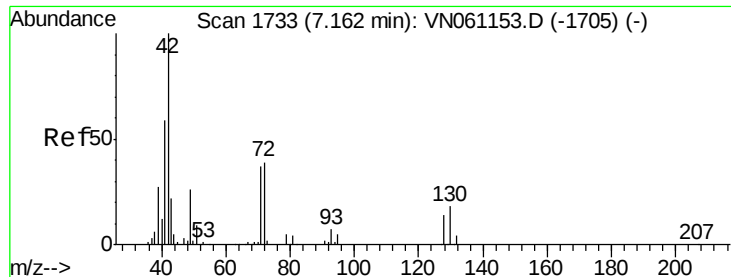


Abundance Ion 48.90 (48.60 to 49.60): VN061153.D (-1709) (-)

Ion 128.80 (128.50 to 129.50): VN061153.D (-1709) (-)

Ion 129.80 (129.50 to 130.50): VN061153.D (-1709) (-)

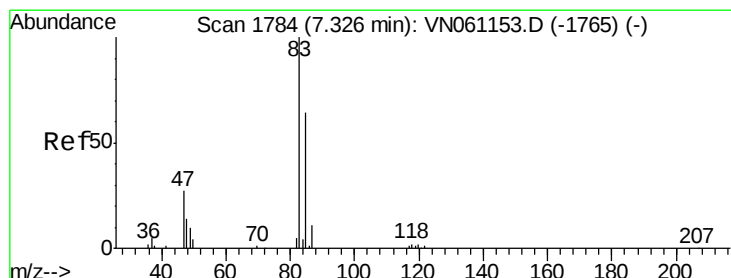
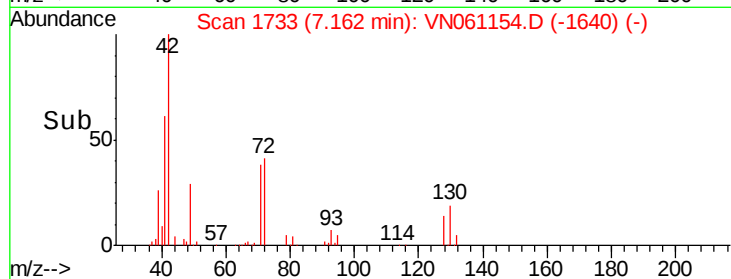
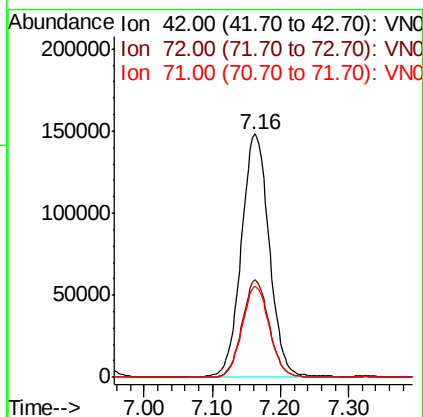
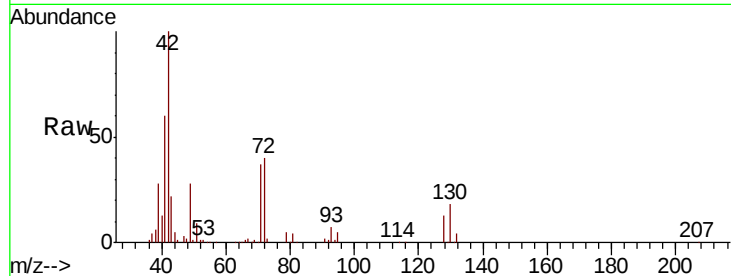




#29
Tetrahydrofuran
Concen: 671.386 ug/l
RT: 7.16 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VN061154.D
Acq: 27 Apr 2020 17:35

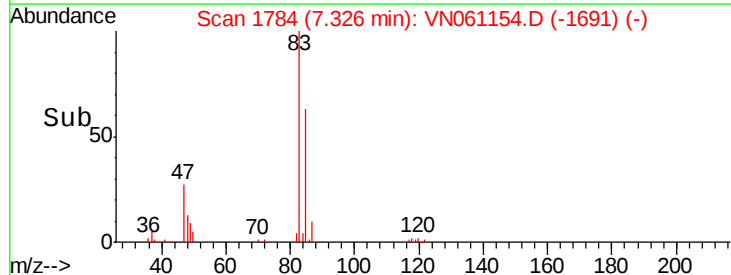
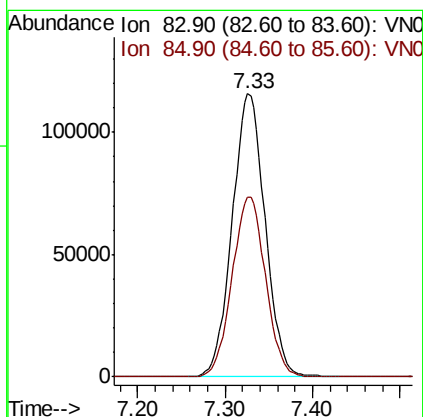
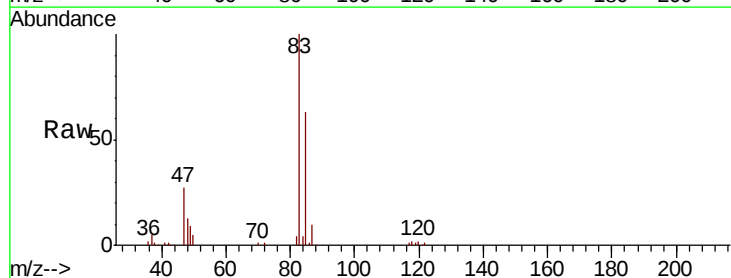
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

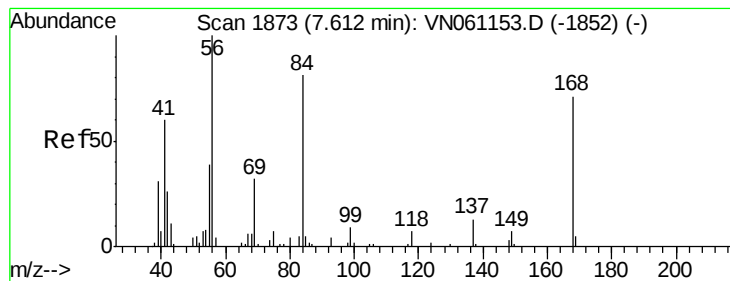
Tot Ion	Ratio	Lower	Upper
42	100		
72	38.7	31.4	47.0
71	36.6	29.5	44.3



#30
Chloroform
Concen: 119.336 ug/l
RT: 7.33 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VN061154.D
Acq: 27 Apr 2020 17:35

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.5	51.1	76.7





#31

Cyclohexane

Concen: 111.954 ug/l

RT: 7.61 min Scan# 1873

Delta R.T. 0.00 min

Lab File: VN061154.D

Acq: 27 Apr 2020 17:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

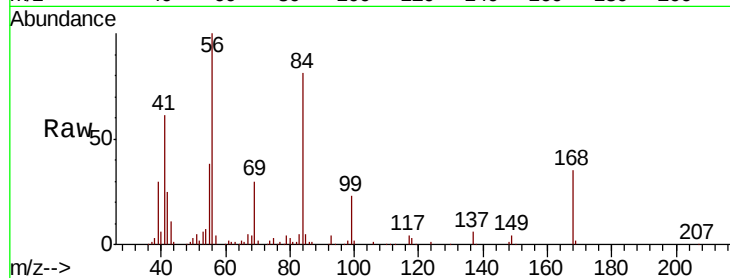
Tot Ion: 56 Resp: 281495

Ion Ratio Lower Upper

56 100

69 29.8 25.7 38.5

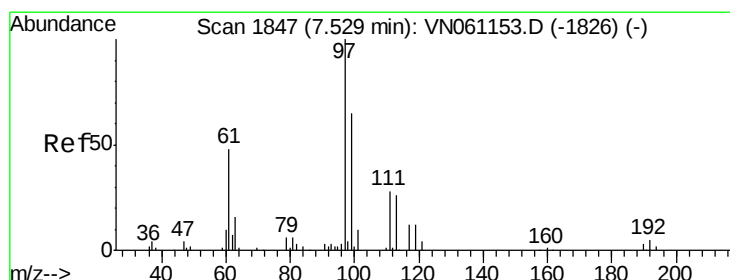
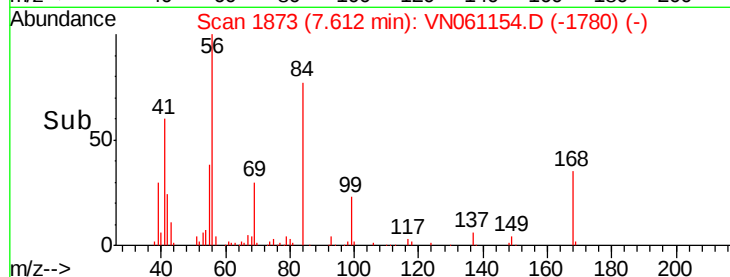
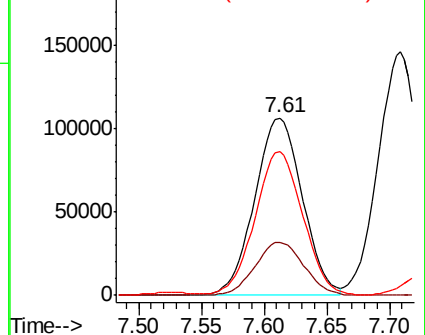
84 79.7 64.6 97.0



Abundance Ion 56.00 (55.70 to 56.70): VN061153.D (-1852) (-)

Ion 69.00 (68.70 to 69.70): VN061153.D (-1852) (-)

Ion 84.00 (83.70 to 84.70): VN061153.D (-1852) (-)



#32

1,1,1-Trichloroethane

Concen: 117.391 ug/l

RT: 7.53 min Scan# 1846

Delta R.T. -0.00 min

Lab File: VN061154.D

Acq: 27 Apr 2020 17:35

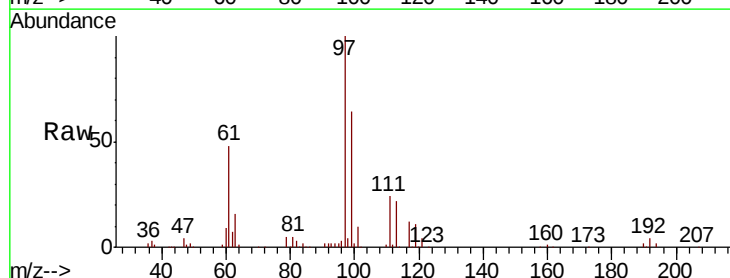
Tgt Ion: 97 Resp: 265089

Ion Ratio Lower Upper

97 100

99 64.2 51.3 76.9

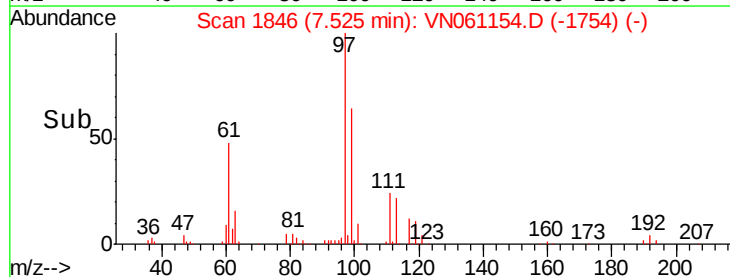
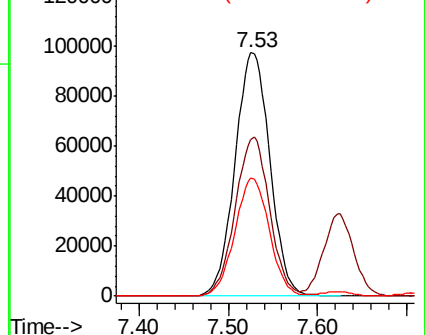
61 47.9 38.6 57.8

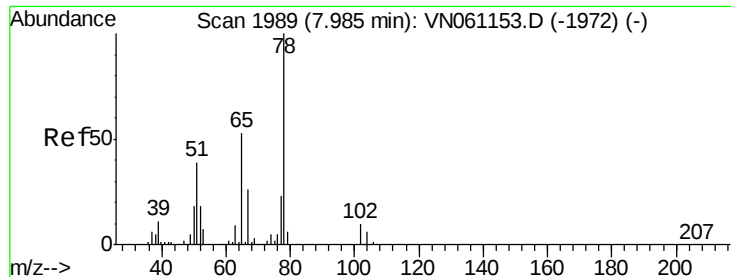


Abundance Ion 96.90 (96.60 to 97.60): VN061153.D (-1826) (-)

Ion 98.90 (98.60 to 99.60): VN061153.D (-1826) (-)

Ion 60.90 (60.60 to 61.60): VN061153.D (-1826) (-)

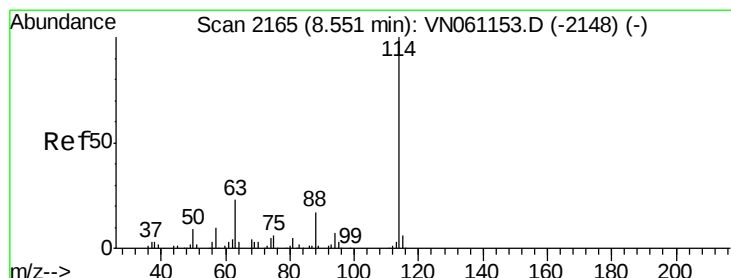
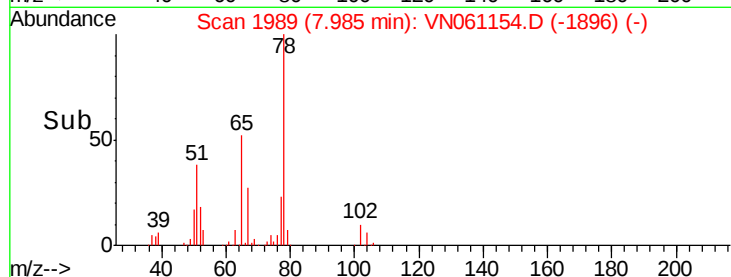
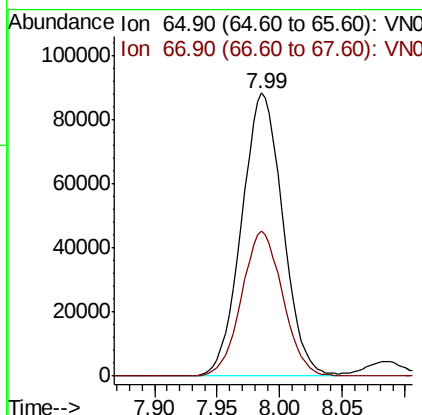
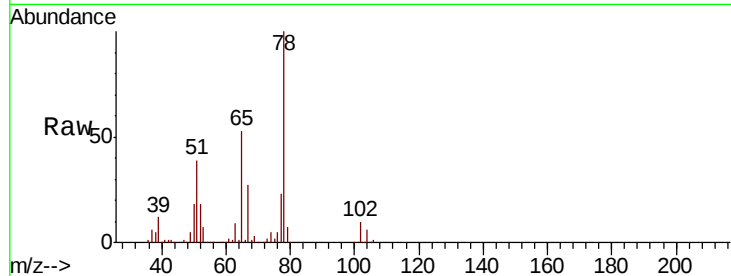




#33
 1,2-Dichloroethane-d4
 Concen: 121.570 ug/l
 RT: 7.99 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN061154.D
 Acq: 27 Apr 2020 17:35

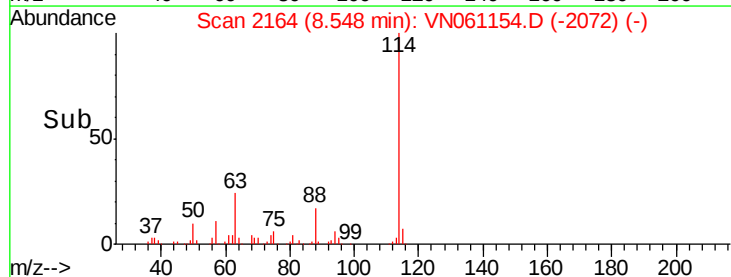
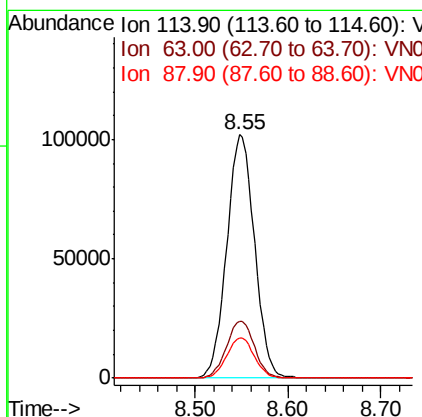
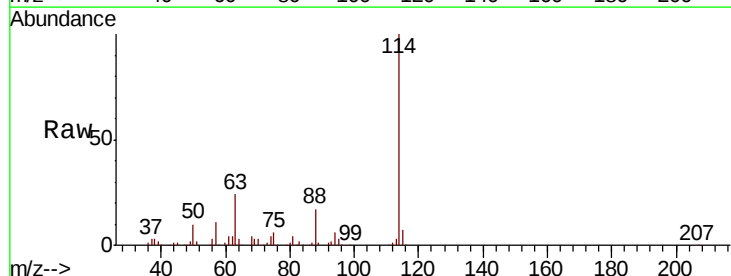
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

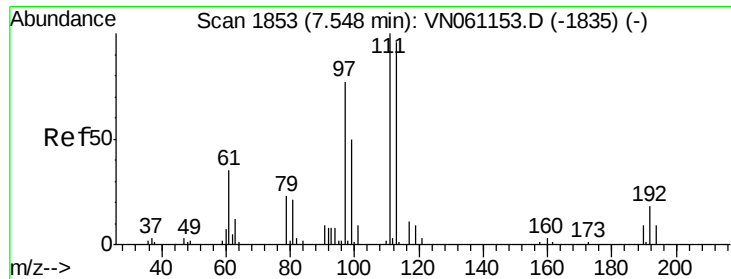
Tot Ion: 65 Resp: 201585
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2164
 Delta R.T. -0.00 min
 Lab File: VN061154.D
 Acq: 27 Apr 2020 17:35

Tgt Ion: 114 Resp: 211774
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 46.6
 88 16.7 0.0 33.4

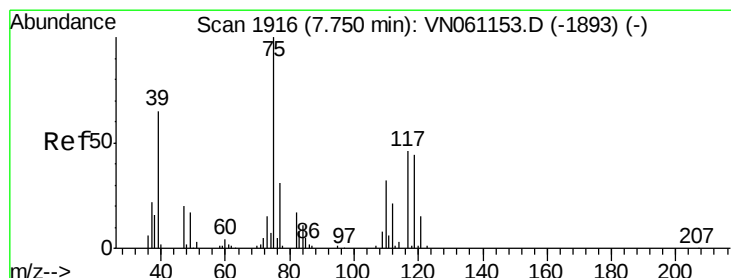
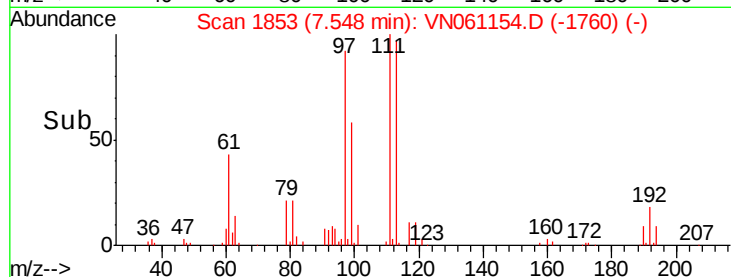
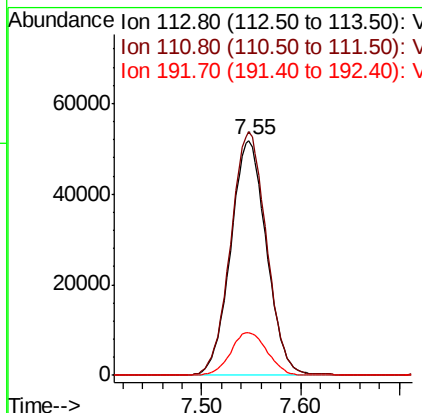
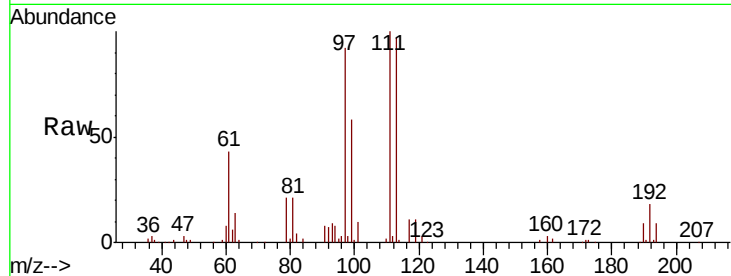




#35
 Dibromofluoromethane
 Concen: 107.853 ug/l
 RT: 7.55 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VN061154.D
 Acq: 27 Apr 2020 17:35

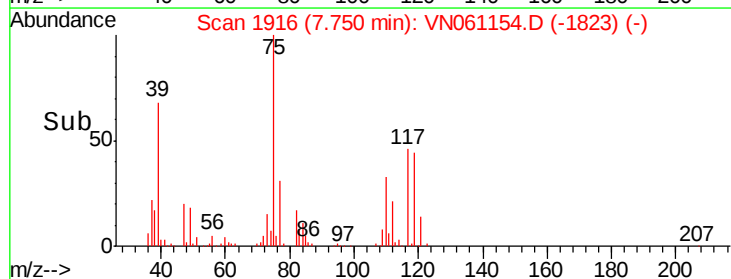
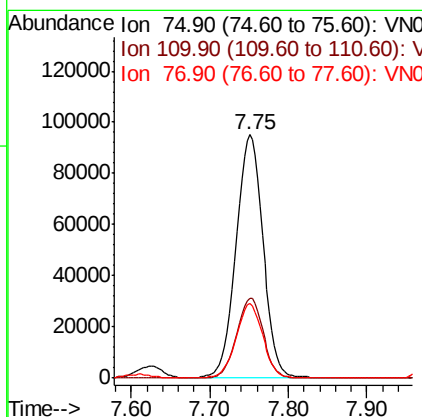
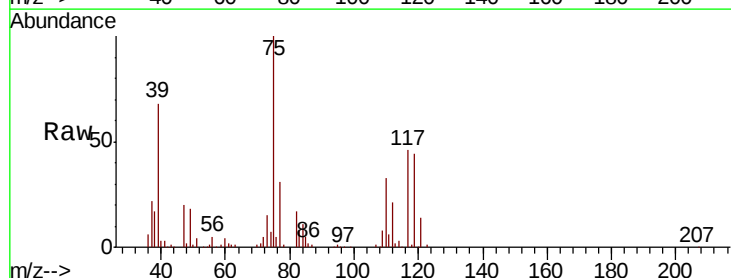
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

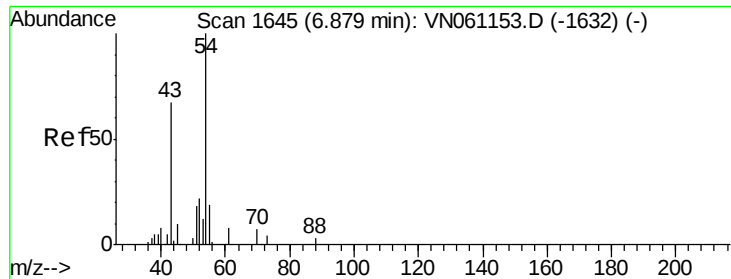
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.2	82.9	124.3
192	18.6	14.7	22.1



#36
 1,1-Dichloropropene
 Concen: 110.498 ug/l
 RT: 7.75 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VN061154.D
 Acq: 27 Apr 2020 17:35

Tgt Ion	Ratio	Lower	Upper
75	100		
110	32.3	16.0	48.0
77	30.3	24.6	37.0

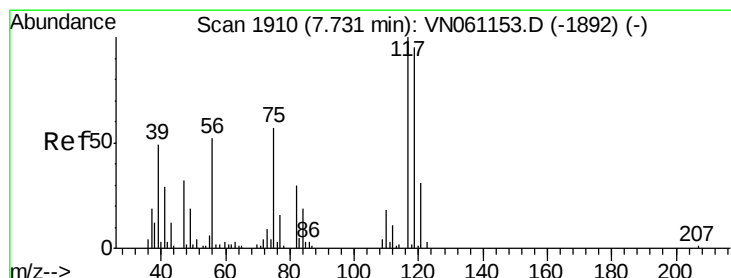
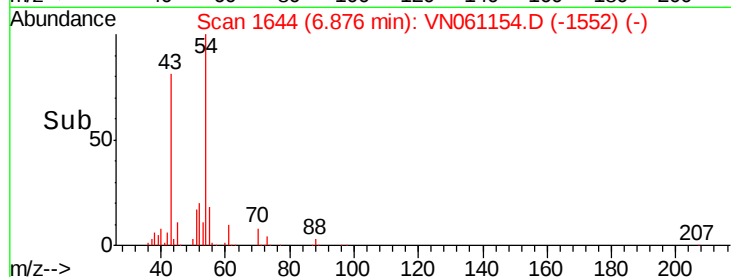
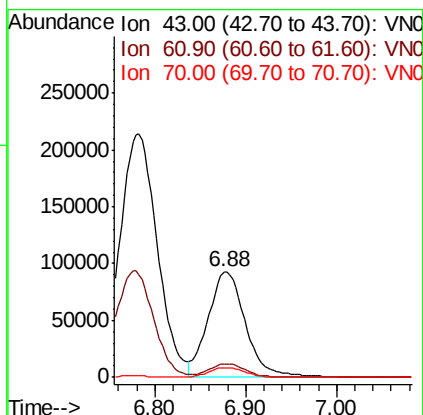
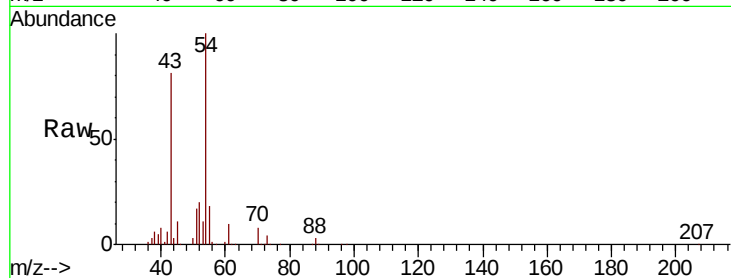




#37
Ethyl Acetate
Concen: 122.844 ug/l
RT: 6.88 min Scan# 1644
Delta R.T. -0.00 min
Lab File: VN061154.D
Acq: 27 Apr 2020 17:35

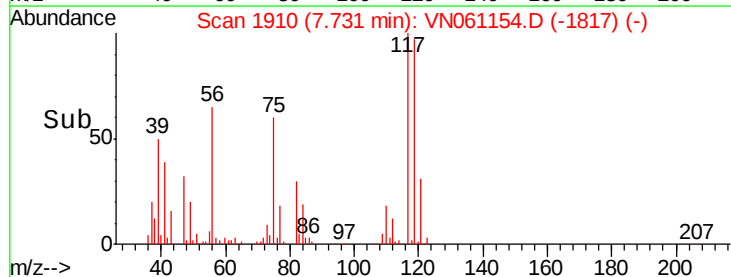
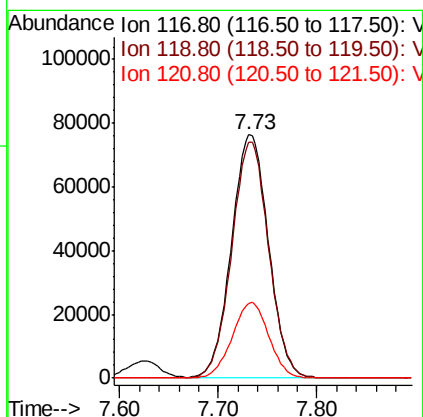
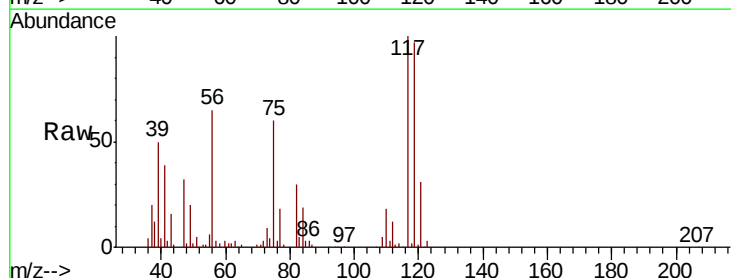
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

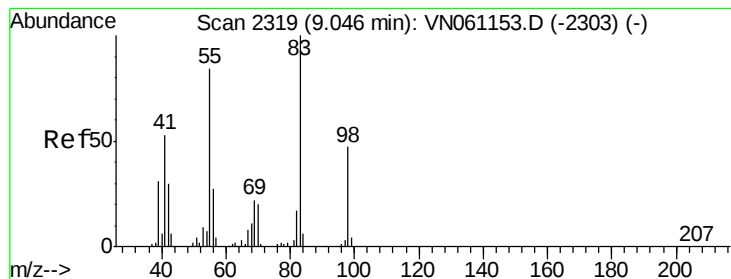
Tot Ion: 43 Resp: 262068
Ion Ratio Lower Upper
43 100
61 12.6 10.2 15.2
70 9.3 7.2 10.8



#38
Carbon Tetrachloride
Concen: 110.048 ug/l
RT: 7.73 min Scan# 1910
Delta R.T. 0.00 min
Lab File: VN061154.D
Acq: 27 Apr 2020 17:35

Tgt Ion: 117 Resp: 198503
Ion Ratio Lower Upper
117 100
119 97.1 75.8 113.6
121 30.8 24.7 37.1





#39

Methvlcvclohexane

Concen: 104.279 ug/l

RT: 9.05 min Scan# 2319

Delta R.T. 0.00 min

Lab File: VN061154.D

Acq: 27 Apr 2020 17:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

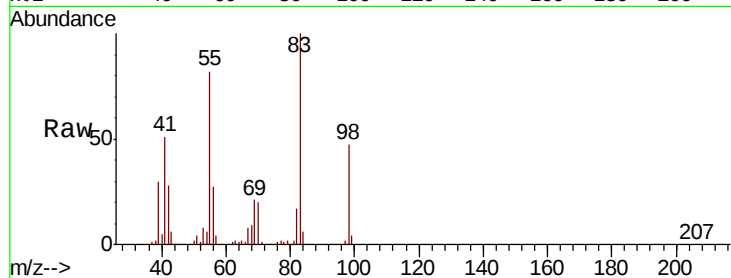
Tot Ion: 83 Resp: 261021

Ion Ratio Lower Upper

83 100

55 82.4 67.3 100.9

98 47.1 37.7 56.5

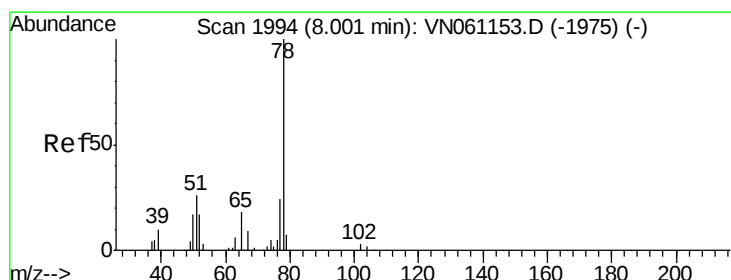
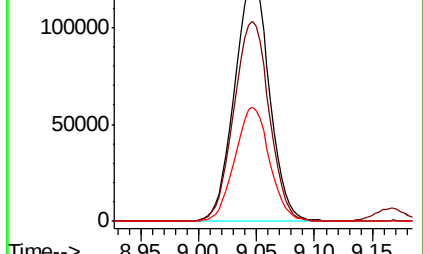
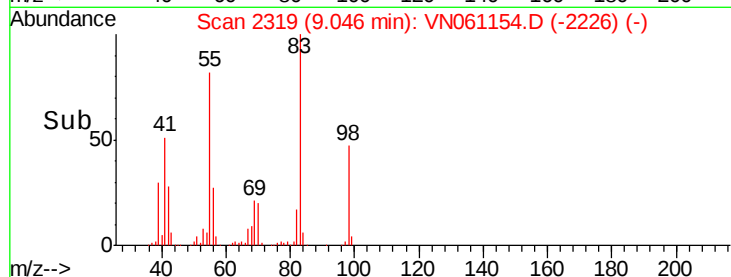


Abundance Ion 83.00 (82.70 to 83.70): VN061153.D (-2303) (-)

Ion 55.00 (54.70 to 55.70): VN061153.D (-2303) (-)

Ion 98.00 (97.70 to 98.70): VN061153.D (-2303) (-)

9.05



#40

Benzene

Concen: 108.760 ug/l

RT: 8.00 min Scan# 1994

Delta R.T. 0.00 min

Lab File: VN061154.D

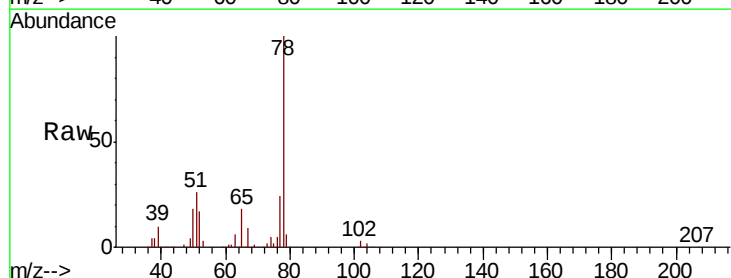
Acq: 27 Apr 2020 17:35

Tgt Ion: 78 Resp: 667665

Ion Ratio Lower Upper

78 100

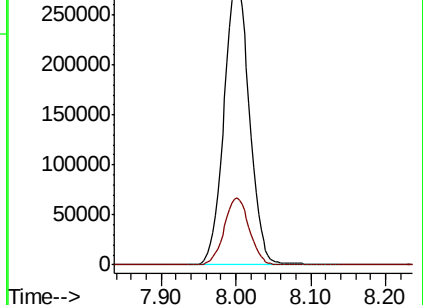
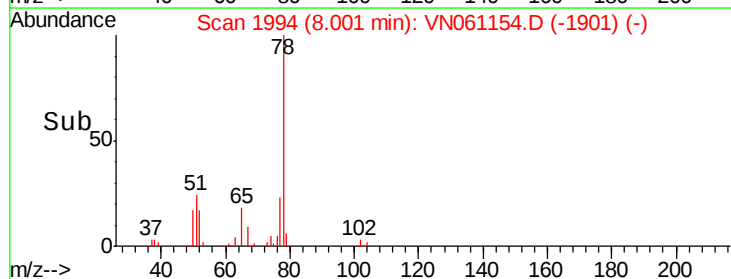
77 23.6 19.0 28.6

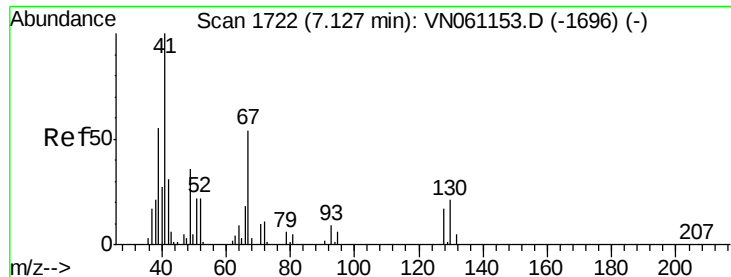


Abundance Ion 78.00 (77.70 to 78.70): VN061153.D (-1975) (-)

Ion 77.00 (76.70 to 77.70): VN061153.D (-1975) (-)

8.00

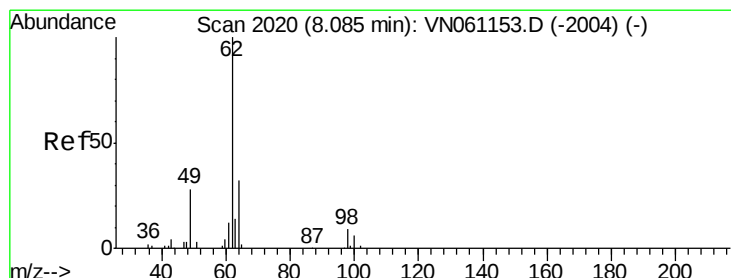
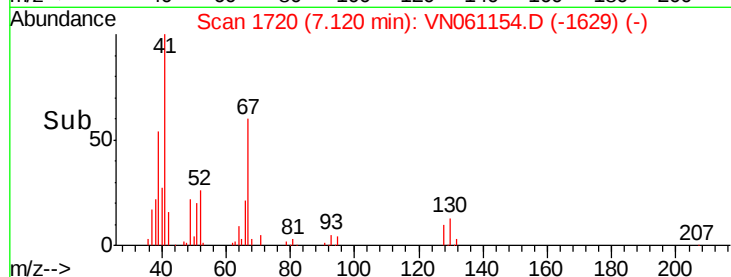
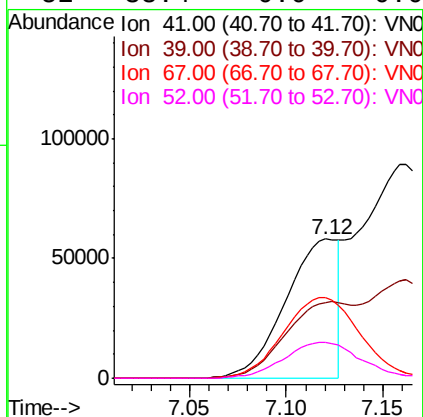
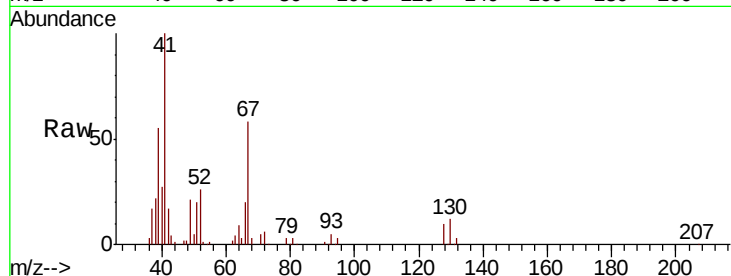




#41
Methacrylonitrile
Concen: 112.592 ug/l
RT: 7.12 min Scan# 1720
Delta R.T. -0.01 min
Lab File: VN061154.D
Acq: 27 Apr 2020 17:35

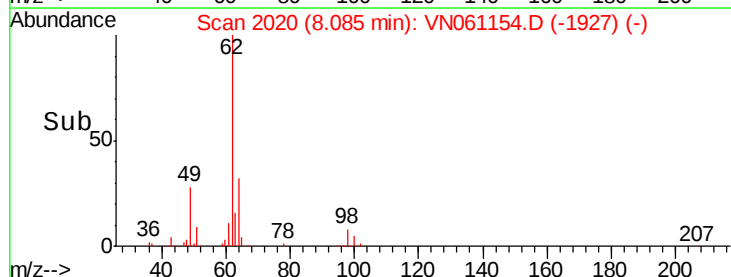
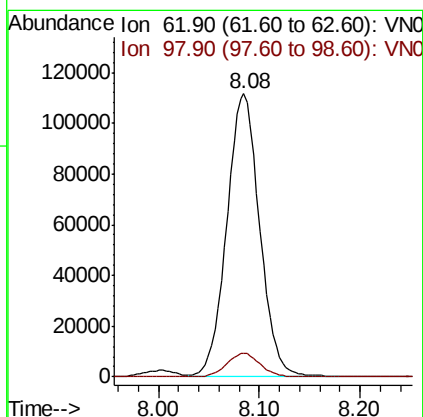
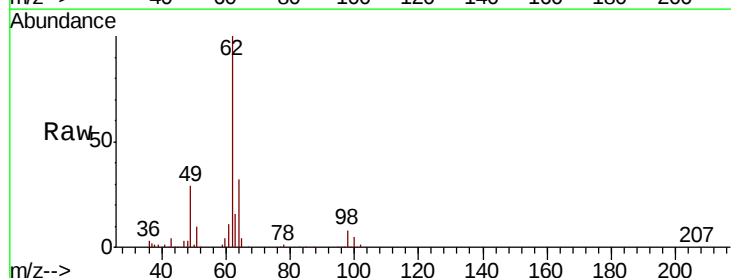
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

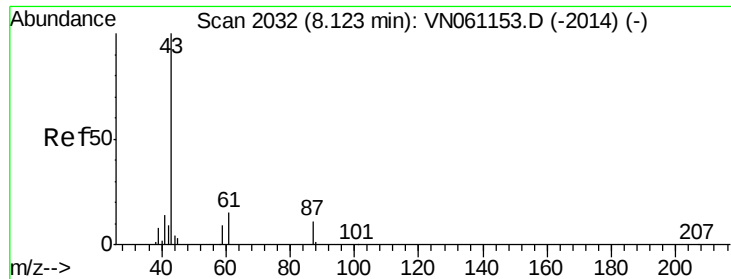
Tot Ion:	41	Resp:	110038
Ion	Ratio	Lower	Upper
41	100		
39	71.7	0.0	0.0#
67	85.5	0.0	0.0#
52	38.4	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 113.450 ug/l
RT: 8.08 min Scan# 2020
Delta R.T. 0.00 min
Lab File: VN061154.D
Acq: 27 Apr 2020 17:35

Tgt Ion:	62	Resp:	251747
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	16.8





#43

Isopropyl Acetate

Concen: 123.207 ug/l

RT: 8.12 min Scan# 2032

Delta R.T. 0.00 min

Lab File: VN061154.D

Acq: 27 Apr 2020 17:35

Instrument :

MSVOA_N

ClientSampled :

VSTDIC100

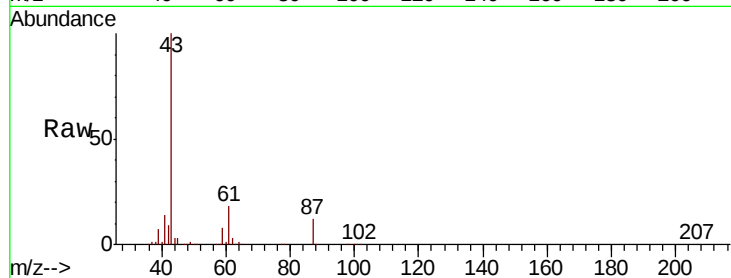
Tot Ion: 43 Resp: 445099

Ion Ratio Lower Upper

43 100

61 24.2 19.5 29.3

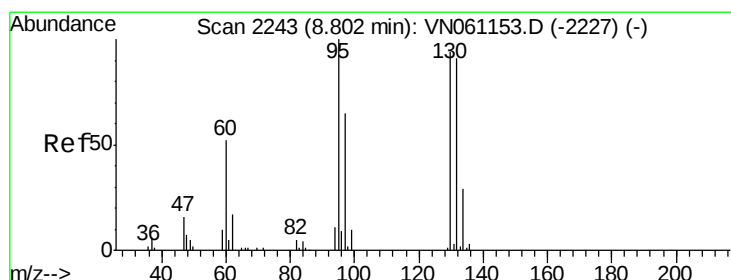
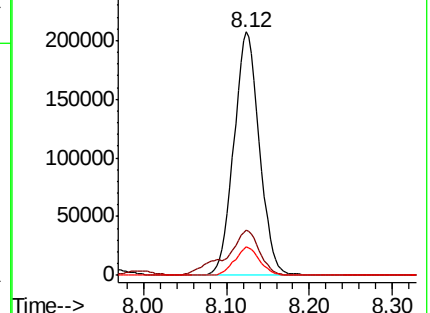
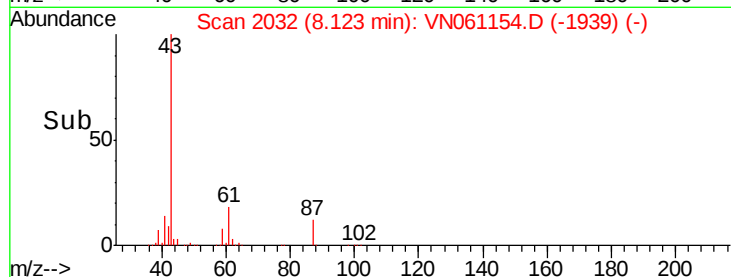
87 11.2 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-2014) (-)

Ion 61.00 (60.70 to 61.70): VN061153.D (-2014) (-)

Ion 87.00 (86.70 to 87.70): VN061153.D (-2014) (-)



#44

Trichloroethene

Concen: 97.912 ug/l

RT: 8.80 min Scan# 2242

Delta R.T. -0.00 min

Lab File: VN061154.D

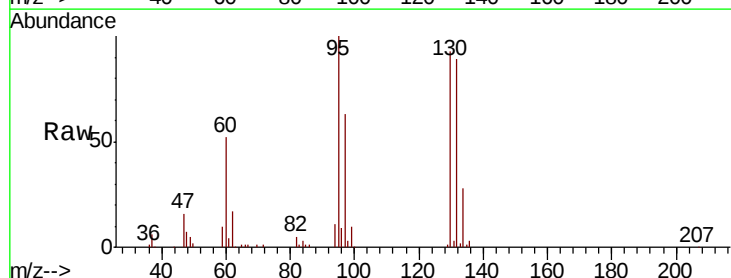
Acq: 27 Apr 2020 17:35

Tgt Ion:130 Resp: 172807

Ion Ratio Lower Upper

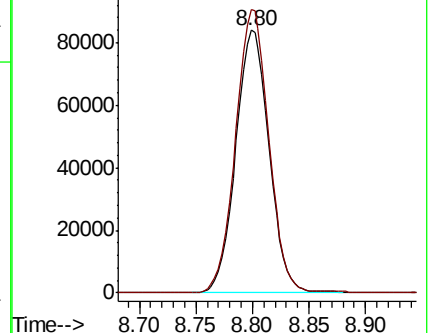
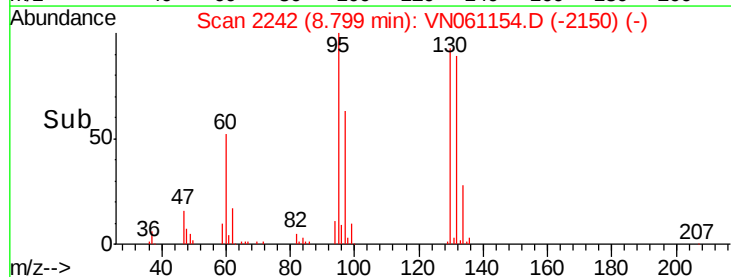
130 100

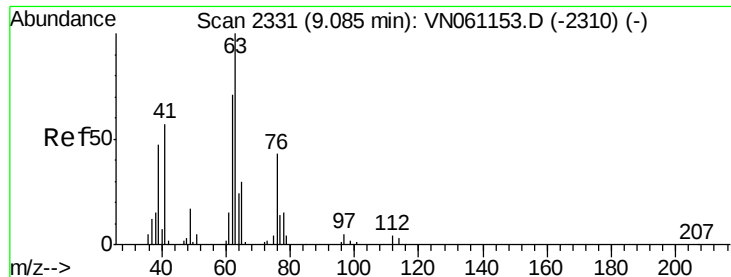
95 107.7 0.0 212.4



Abundance Ion 129.80 (129.50 to 130.50): VN061153.D (-2227) (-)

Ion 94.90 (94.60 to 95.60): VN061153.D (-2227) (-)





#45

1,2-Dichloropropane

Concen: 109.047 ug/l

RT: 9.08 min Scan# 2331

Delta R.T. 0.00 min

Lab File: VN061154.D

Acq: 27 Apr 2020 17:35

Instrument :

MSVOA_N

ClientSampleId :

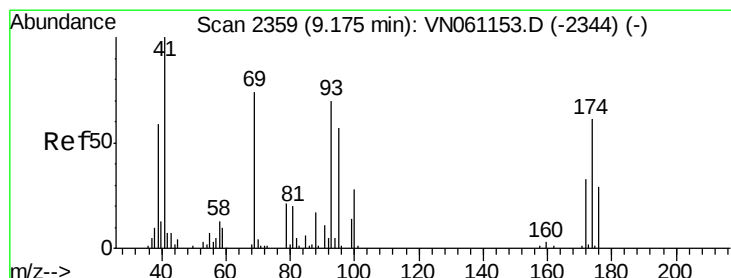
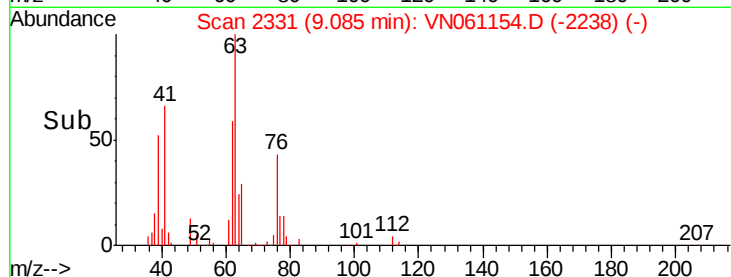
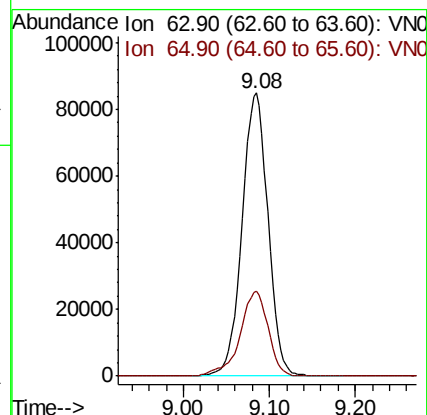
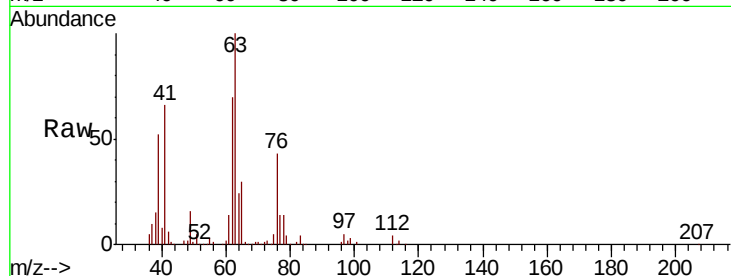
VSTDIC100

Tot Ion: 63 Resp: 177967

Ion Ratio Lower Upper

63 100

65 30.0 24.7 37.1



#46

Dibromomethane

Concen: 109.147 ug/l

RT: 9.17 min Scan# 2359

Delta R.T. 0.00 min

Lab File: VN061154.D

Acq: 27 Apr 2020 17:35

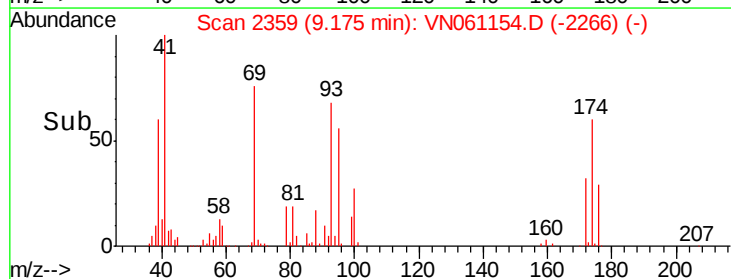
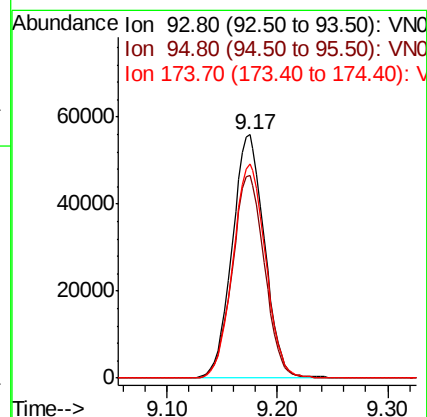
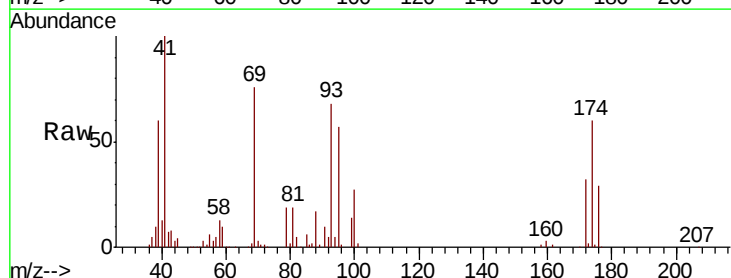
Tgt Ion: 93 Resp: 113507

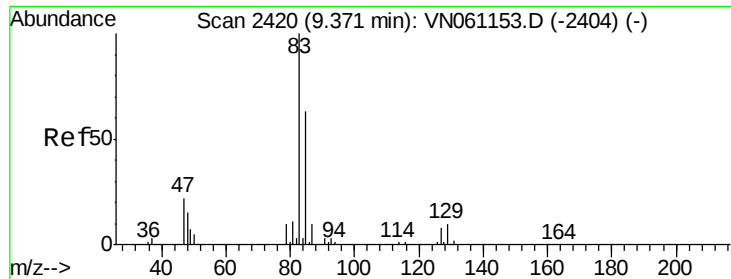
Ion Ratio Lower Upper

93 100

95 83.5 66.6 99.8

174 88.9 70.2 105.2





#47

Bromodichloromethane

Concen: 117.738 ug/l

RT: 9.37 min Scan# 2419

Delta R.T. -0.00 min

Lab File: VN061154.D

Acq: 27 Apr 2020 17:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

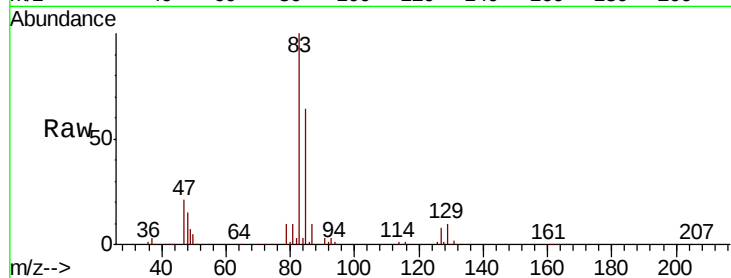
Tot Ion: 83 Resp: 243505

Ion Ratio Lower Upper

83 100

85 64.3 50.4 75.6

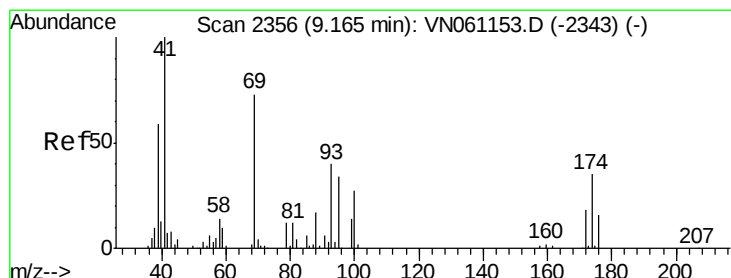
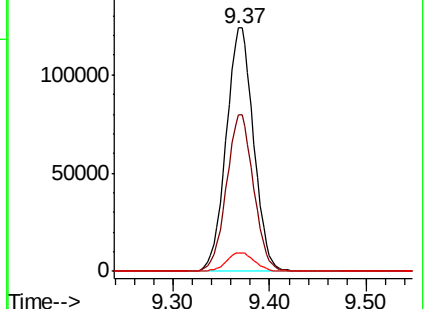
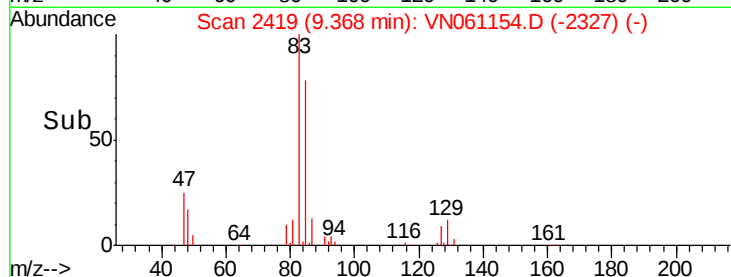
127 7.7 6.2 9.2



Abundance Ion 82.90 (82.60 to 83.60): VN061153.D (-2404) (-)

Ion 84.90 (84.60 to 85.60): VN061153.D (-2404) (-)

Ion 126.80 (126.50 to 127.50): VN061153.D (-2404) (-)



#48

Methyl methacrylate

Concen: 122.591 ug/l

RT: 9.17 min Scan# 2356

Delta R.T. 0.00 min

Lab File: VN061154.D

Acq: 27 Apr 2020 17:35

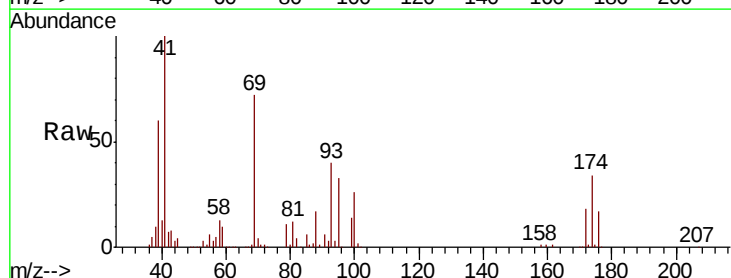
Tgt Ion: 41 Resp: 207573

Ion Ratio Lower Upper

41 100

69 75.6 60.3 90.5

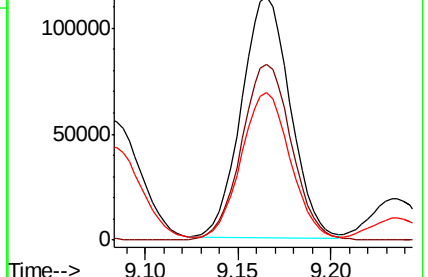
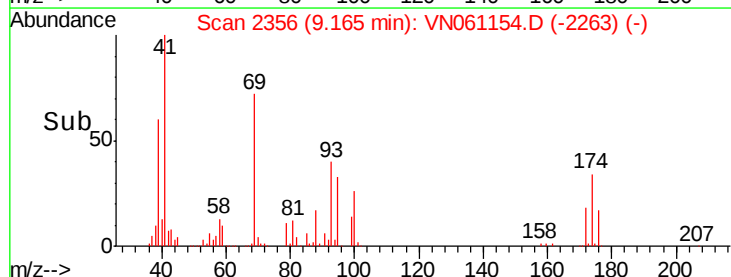
39 62.3 47.4 71.0

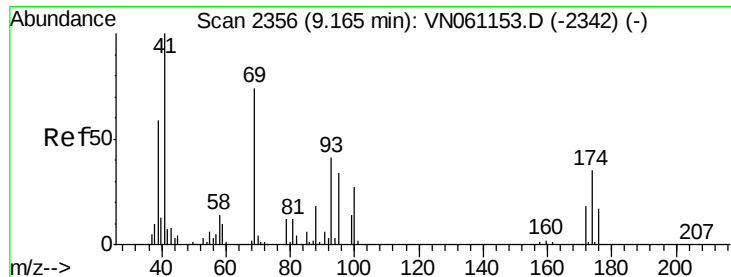


Abundance Ion 41.00 (40.70 to 41.70): VN061153.D (-2343) (-)

Ion 69.00 (68.70 to 69.70): VN061153.D (-2343) (-)

Ion 39.00 (38.70 to 39.70): VN061153.D (-2343) (-)

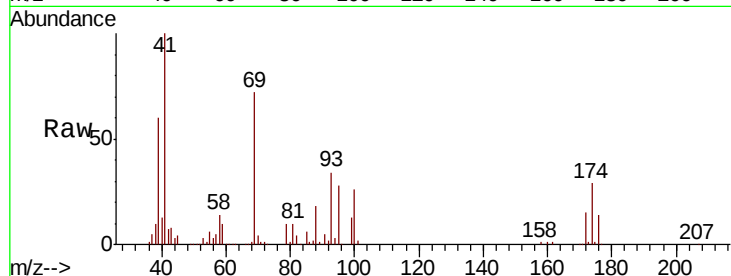




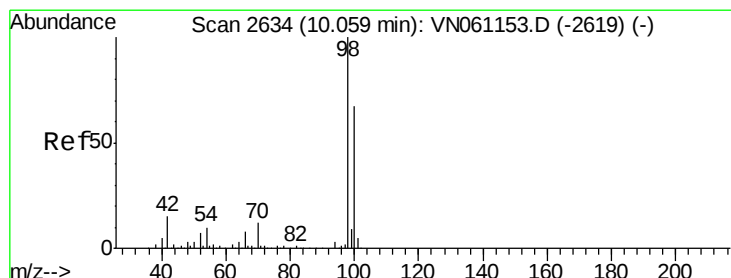
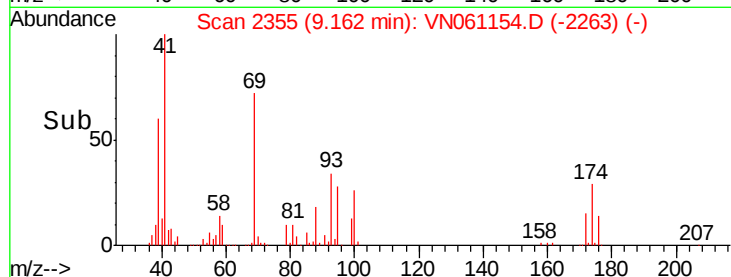
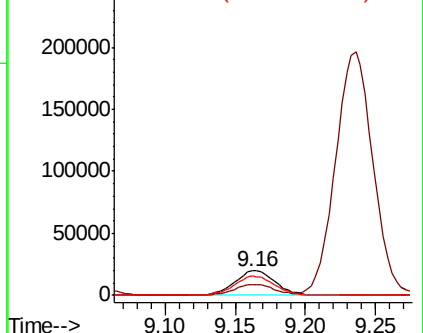
#49
1,4-Dioxane
Concen: 1609.200 ug/l
RT: 9.16 min Scan# 2355
Delta R.T. -0.00 min
Lab File: VN061154.D
Acq: 27 Apr 2020 17:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tot Ion: 88 Resp: 39867
Ion Ratio Lower Upper
88 100
43 44.5 35.3 52.9
58 77.7 61.5 92.3

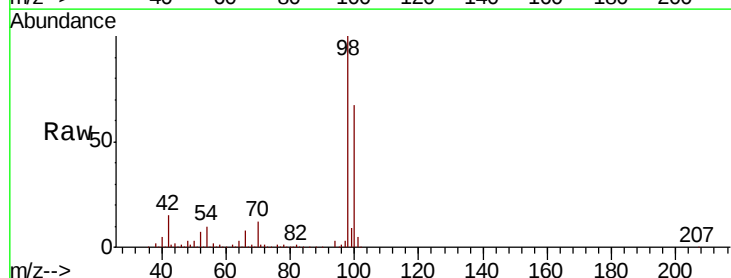


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

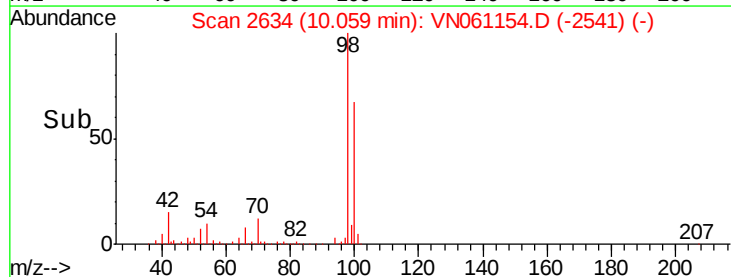
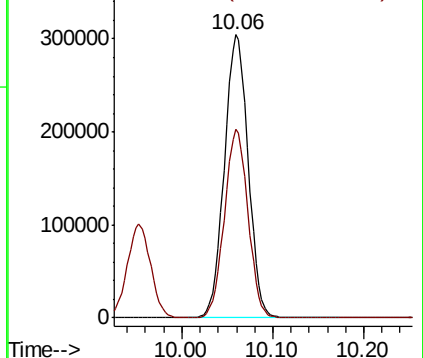


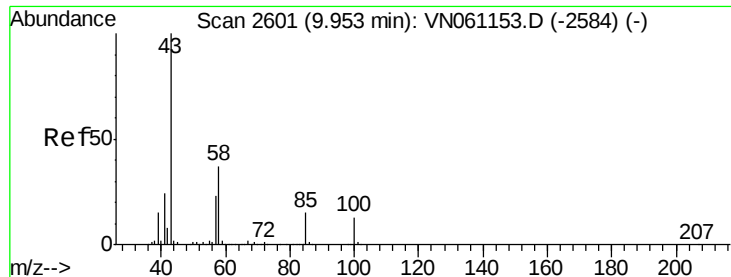
#50
Toluene-d8
Concen: 107.275 ug/l
RT: 10.06 min Scan# 2634
Delta R.T. 0.00 min
Lab File: VN061154.D
Acq: 27 Apr 2020 17:35

Tgt Ion: 98 Resp: 553265
Ion Ratio Lower Upper
98 100
100 65.7 53.4 80.0



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





#51

4-Methyl-2-Pentanone

Concen: 639.954 ug/l

RT: 9.95 min Scan# 2601

Delta R.T. 0.00 min

Lab File: VN061154.D

Acq: 27 Apr 2020 17:35

Instrument :

MSVOA_N

ClientSampleId :

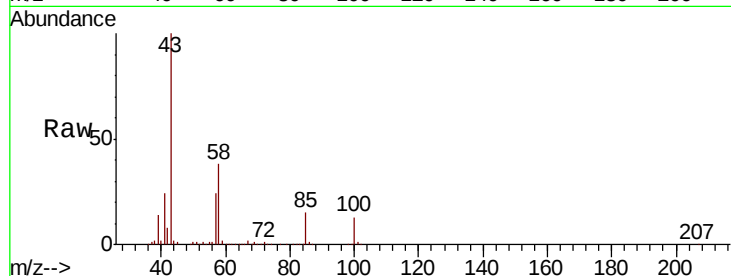
VSTDIC100

Tot Ion: 43 Resp: 1354159

Ion Ratio Lower Upper

43 100

58 37.0 29.1 43.7



Abundance Ion 43.00 (42.70 to 43.70): VN061153.D (-2584) (-)

Ion 58.00 (57.70 to 58.70): VN061153.D (-2584) (-)

9.95

800000

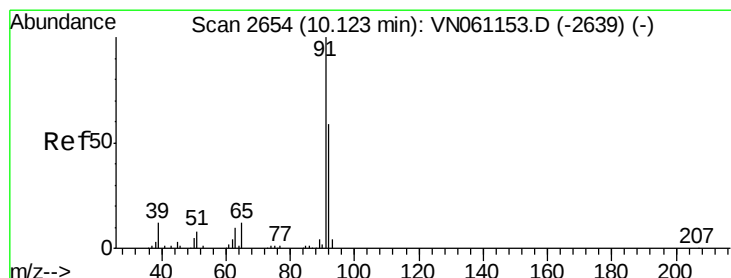
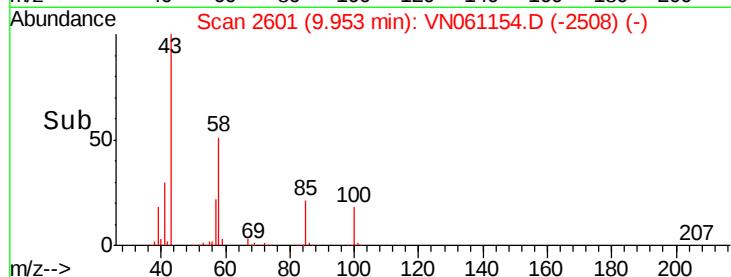
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 108.671 ug/l

RT: 10.12 min Scan# 2654

Delta R.T. 0.00 min

Lab File: VN061154.D

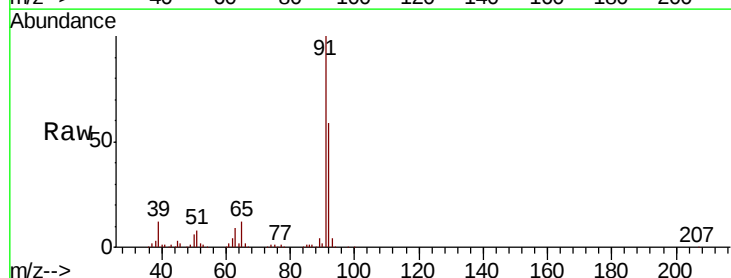
Acq: 27 Apr 2020 17:35

Tgt Ion: 92 Resp: 416902

Ion Ratio Lower Upper

92 100

91 171.0 136.2 204.2



Abundance Ion 92.00 (91.70 to 92.70): VN061153.D (-2639) (-)

Ion 91.00 (90.70 to 91.70): VN061153.D (-2639) (-)

10.12

400000

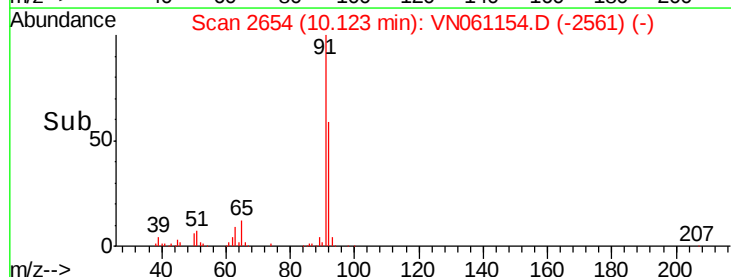
300000

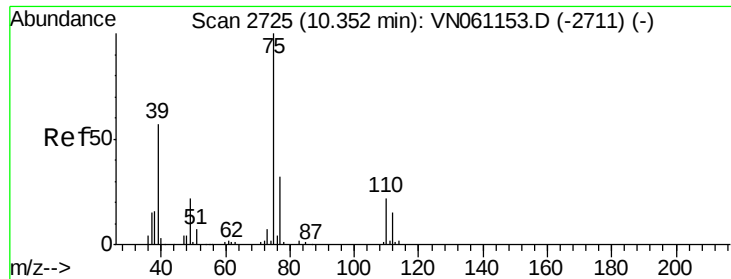
200000

100000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 110.499 ug/l

RT: 10.35 min Scan# 2725

Delta R.T. 0.00 min

Lab File: VN061154.D

Acq: 27 Apr 2020 17:35

Instrument :

MSVOA_N

ClientSampleId :

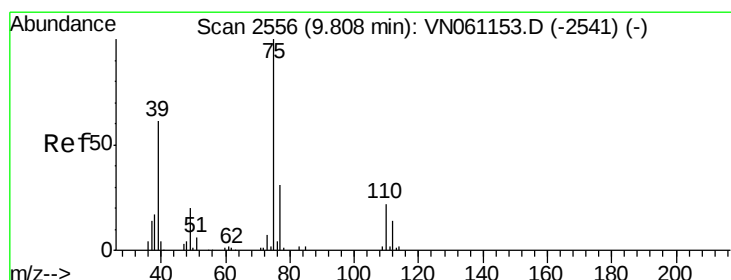
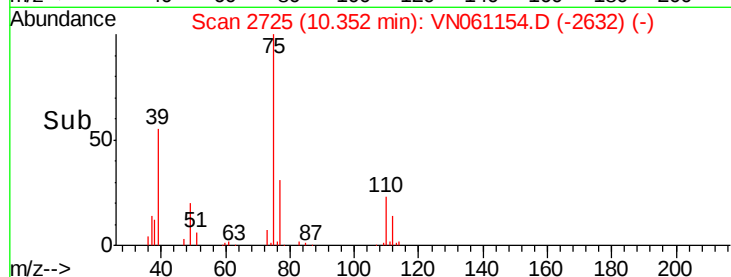
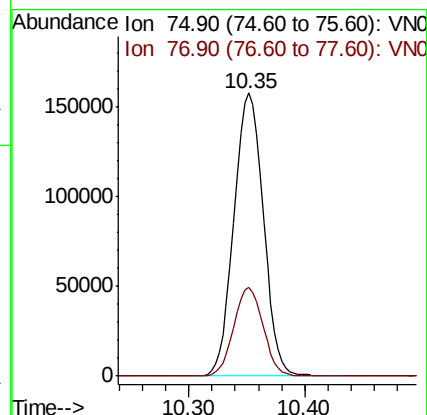
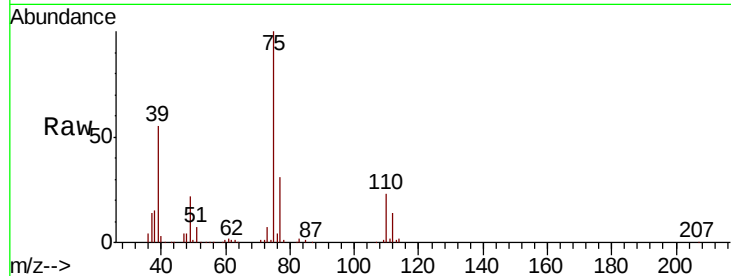
VSTDIC100

Tot Ion: 75 Resp: 277312

Ion Ratio Lower Upper

75 100

77 31.3 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 110.459 ug/l

RT: 9.81 min Scan# 2556

Delta R.T. 0.00 min

Lab File: VN061154.D

Acq: 27 Apr 2020 17:35

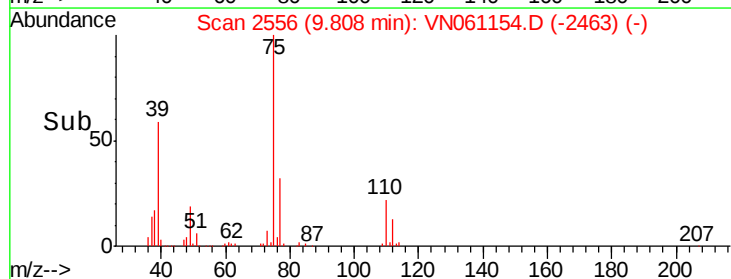
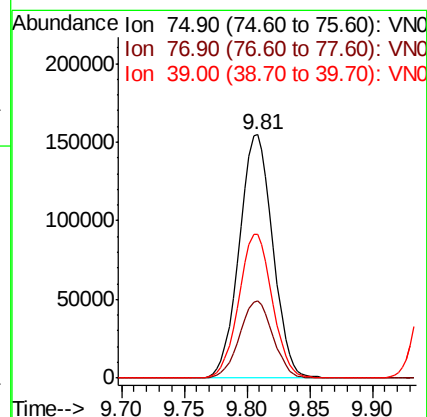
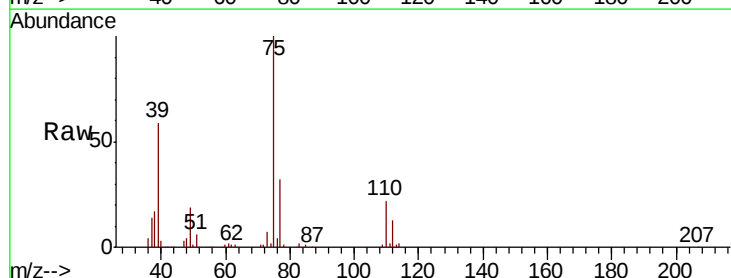
Tgt Ion: 75 Resp: 287582

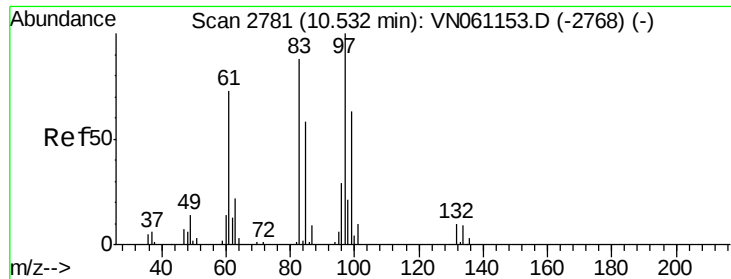
Ion Ratio Lower Upper

75 100

77 31.6 25.0 37.4

39 58.9 48.7 73.1





#55

1,1,2-Trichloroethane

Concen: 109.246 ug/l

RT: 10.53 min Scan# 2781

Delta R.T. 0.00 min

Lab File: VN061154.D

Acq: 27 Apr 2020 17:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tot Ion: 97 Resp: 161583

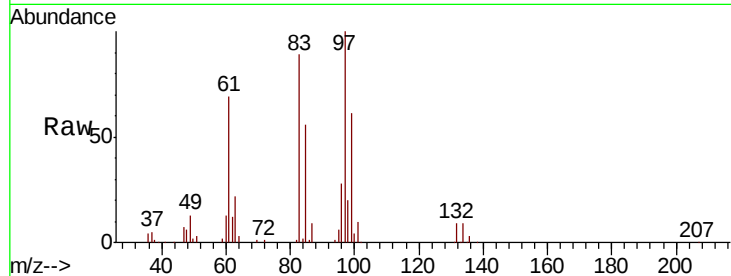
Ion Ratio Lower Upper

97 100

83 88.9 70.6 106.0

85 55.9 46.4 69.6

99 61.4 50.6 75.8

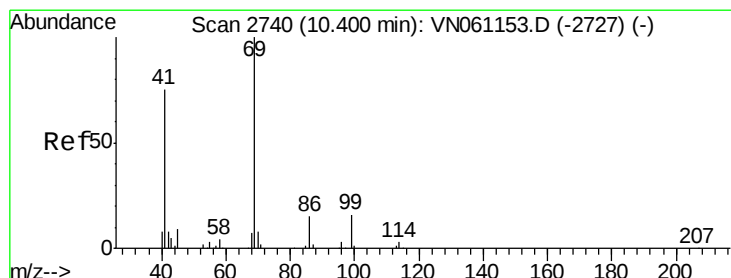
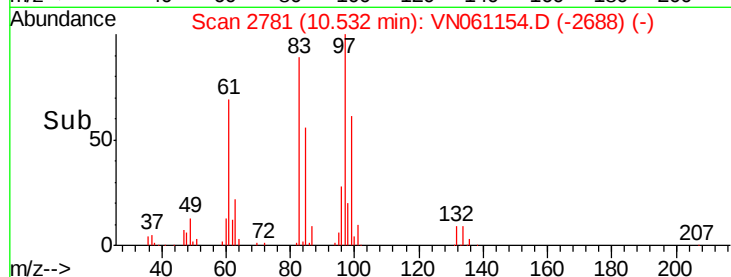
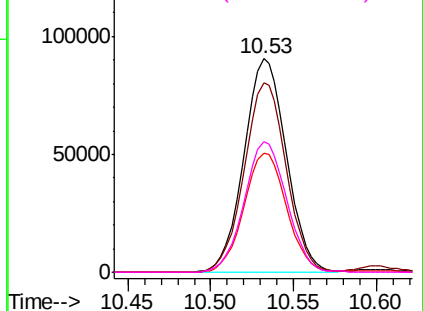


Abundance Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56

Ethyl methacrylate

Concen: 120.557 ug/l

RT: 10.40 min Scan# 2740

Delta R.T. 0.00 min

Lab File: VN061154.D

Acq: 27 Apr 2020 17:35

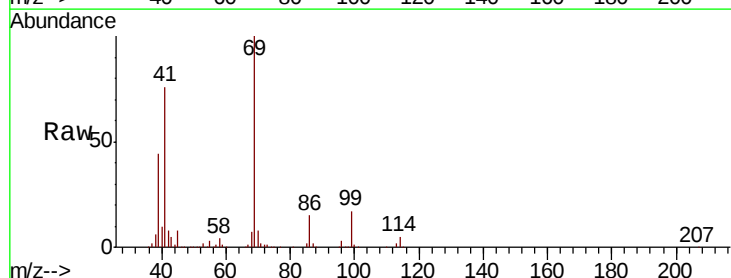
Tgt Ion: 69 Resp: 273101

Ion Ratio Lower Upper

69 100

41 75.5 60.3 90.5

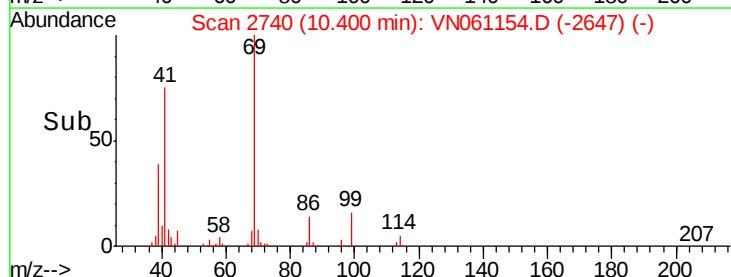
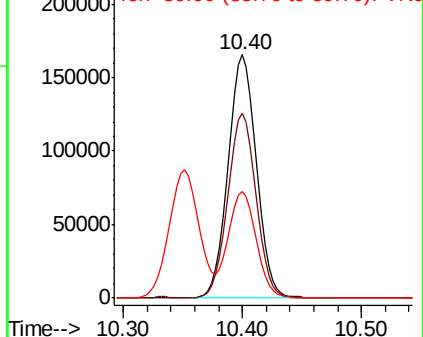
39 43.3 35.9 53.9

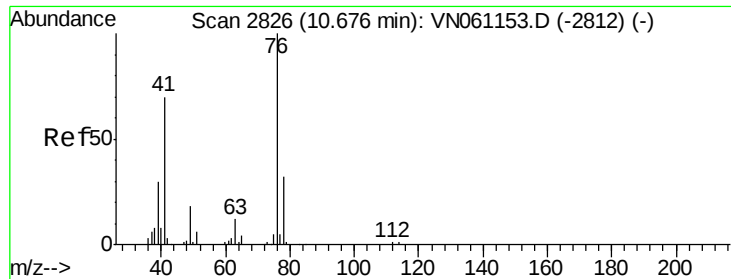


Abundance Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

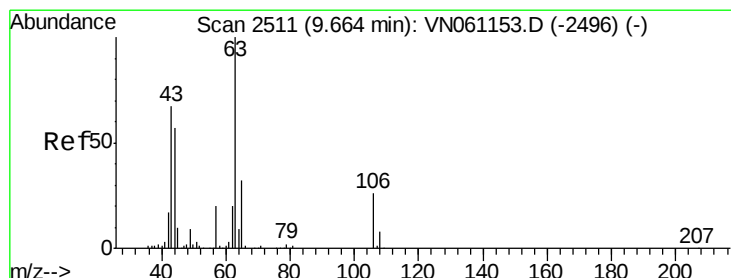
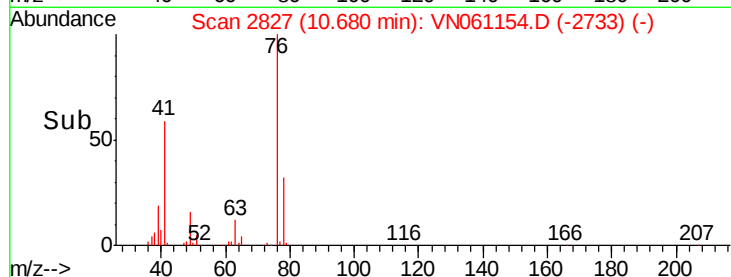
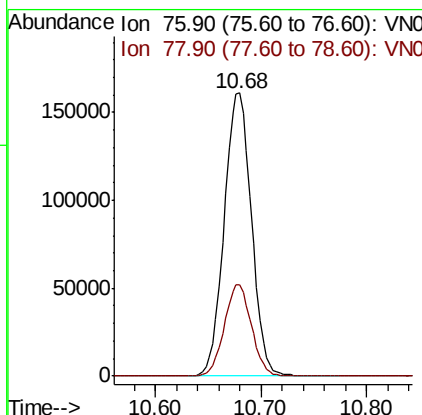
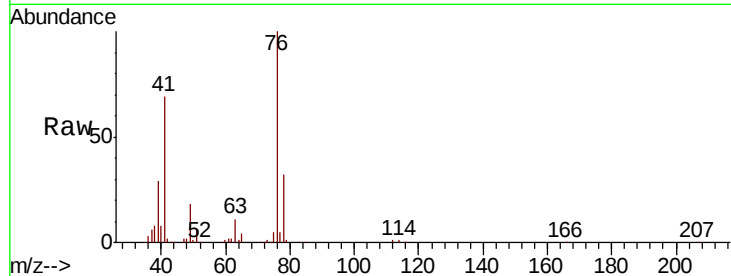




#57
 1,3-Dichloropropane
 Concen: 113.355 ug/l
 RT: 10.68 min Scan# 2827
 Delta R.T. 0.00 min
 Lab File: VN061154.D
 Acq: 27 Apr 2020 17:35

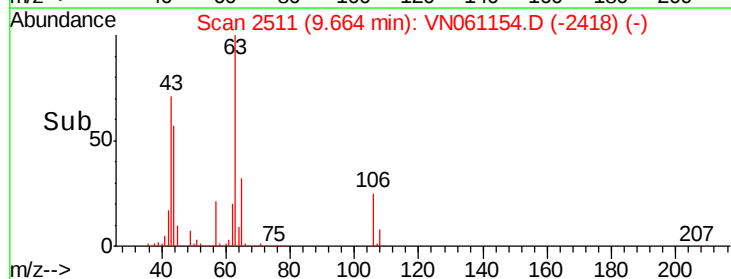
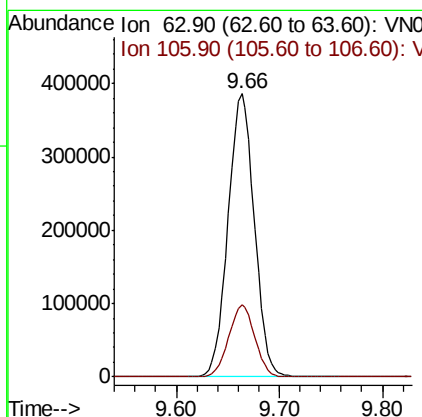
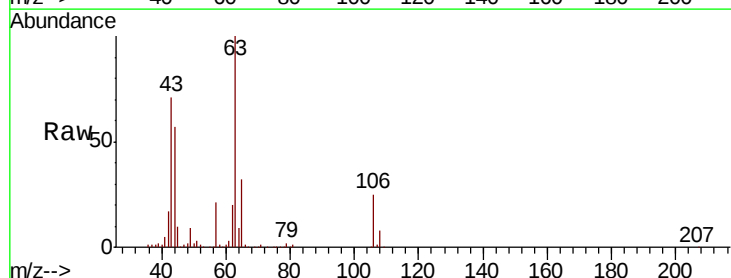
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

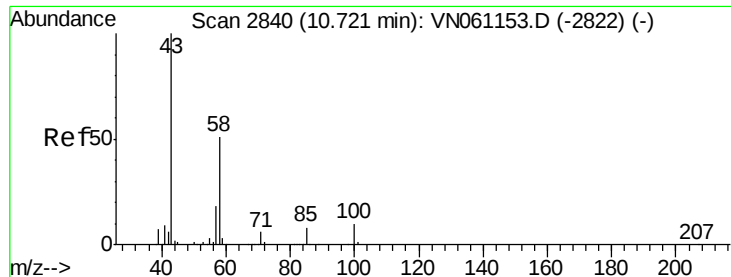
Tot Ion: 76 Resp: 287720
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 587.480 ug/l
 RT: 9.66 min Scan# 2511
 Delta R.T. 0.00 min
 Lab File: VN061154.D
 Acq: 27 Apr 2020 17:35

Tgt Ion: 63 Resp: 686540
 Ion Ratio Lower Upper
 63 100
 106 25.3 20.6 30.8

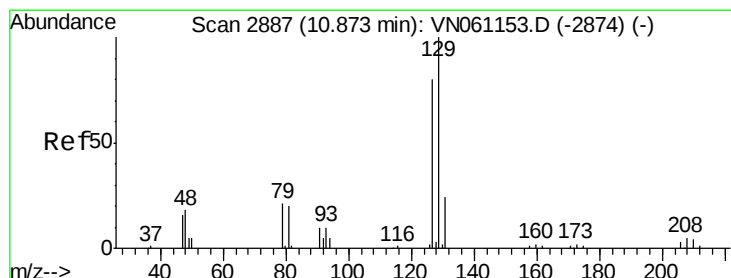
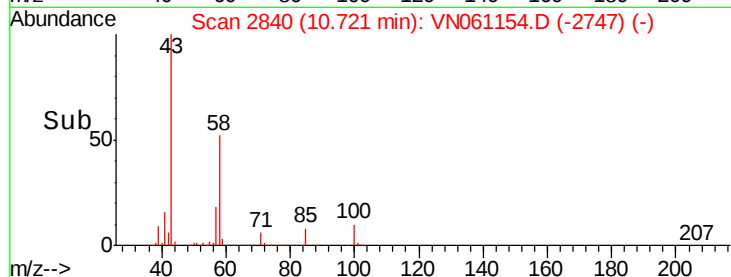
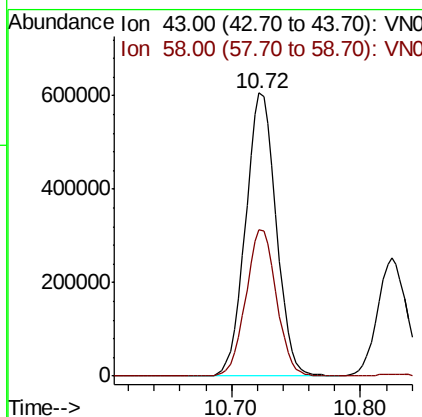
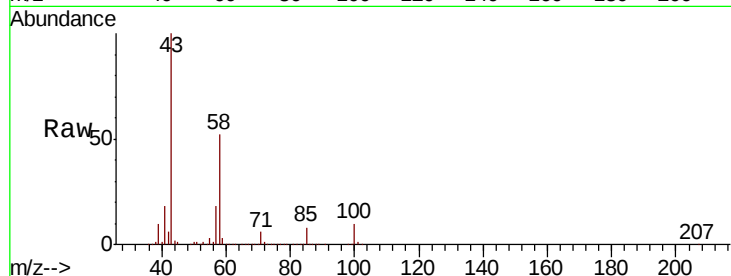




#59
2-Hexanone
Concen: 641.549 ug/l
RT: 10.72 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN061154.D
Acq: 27 Apr 2020 17:35

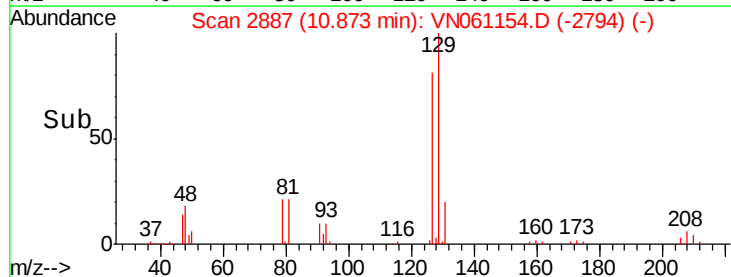
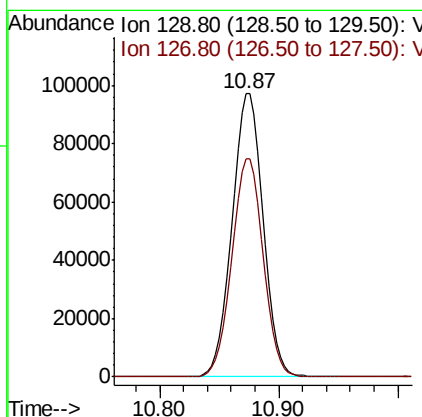
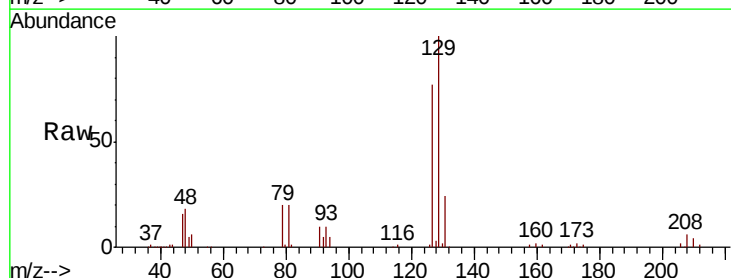
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

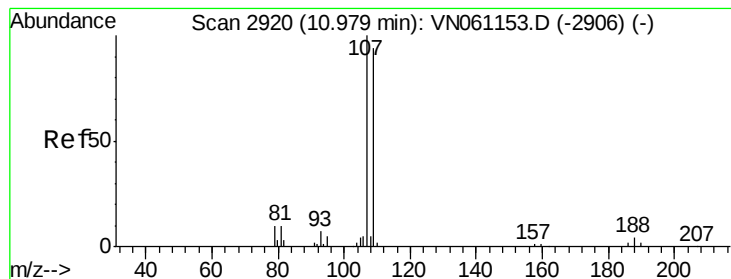
Tot Ion: 43 Resp: 1001732
Ion Ratio Lower Upper
43 100
58 51.7 25.4 76.4



#60
Dibromochloromethane
Concen: 113.588 ug/l
RT: 10.87 min Scan# 2887
Delta R.T. 0.00 min
Lab File: VN061154.D
Acq: 27 Apr 2020 17:35

Tgt Ion: 129 Resp: 175622
Ion Ratio Lower Upper
129 100
127 77.5 39.3 117.8





#61

1,2-Dibromoethane

Concen: 110.497 ug/l

RT: 10.98 min Scan# 2920

Delta R.T. 0.00 min

Lab File: VN061154.D

Acq: 27 Apr 2020 17:35

Instrument :

MSVOA_N

ClientSampleId :

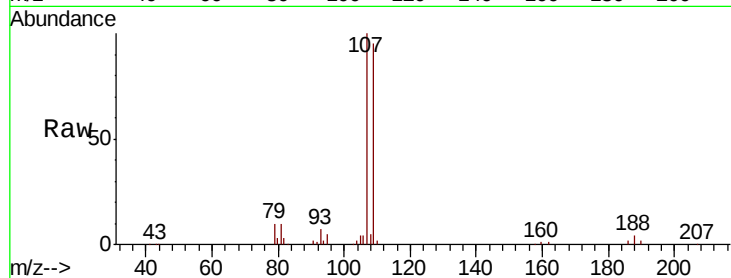
VSTDIC100

Tot Ion:107 Resp: 168111

Ion Ratio Lower Upper

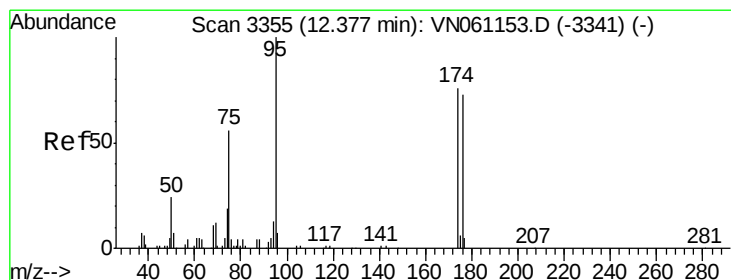
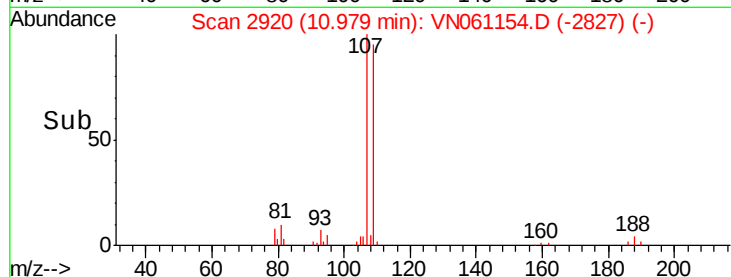
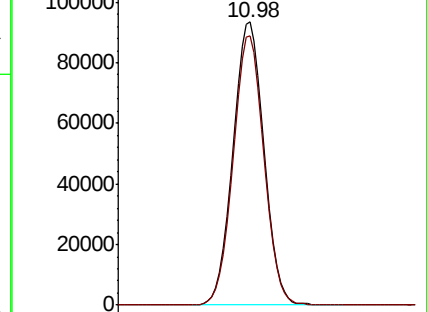
107 100

109 94.5 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 109.858 ug/l

RT: 12.38 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN061154.D

Acq: 27 Apr 2020 17:35

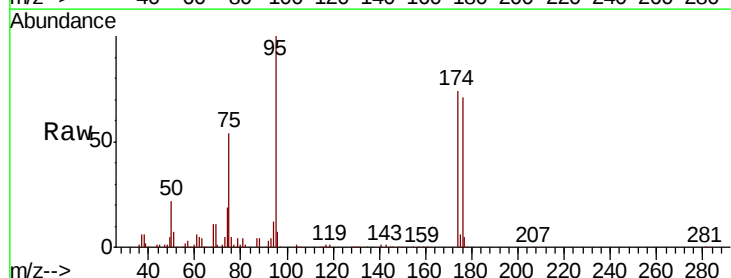
Tgt Ion: 95 Resp: 212292

Ion Ratio Lower Upper

95 100

174 73.3 0.0 149.4

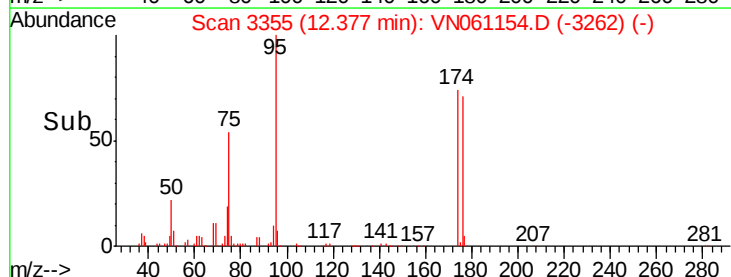
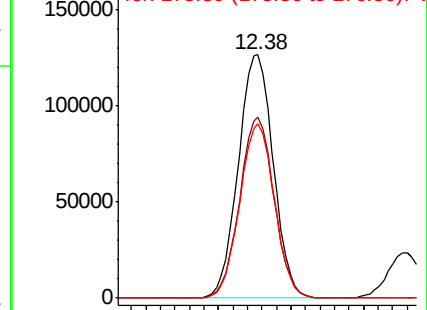
176 70.9 0.0 144.8

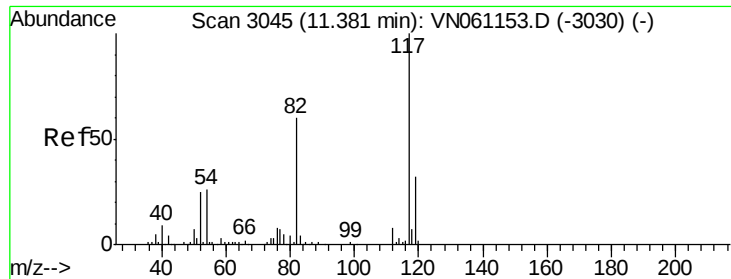


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

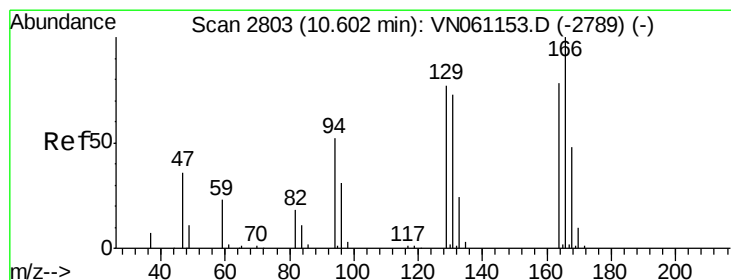
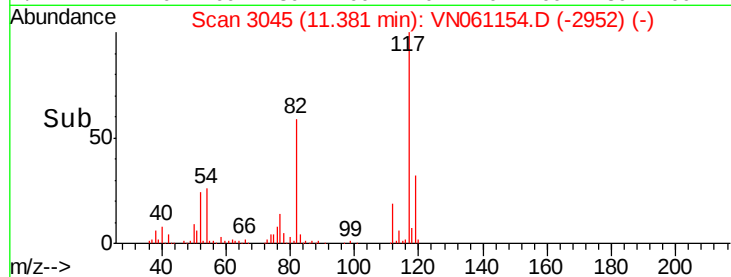
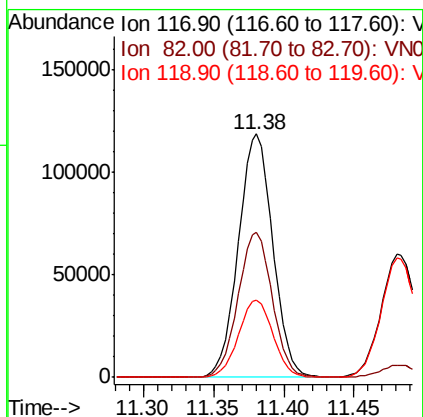
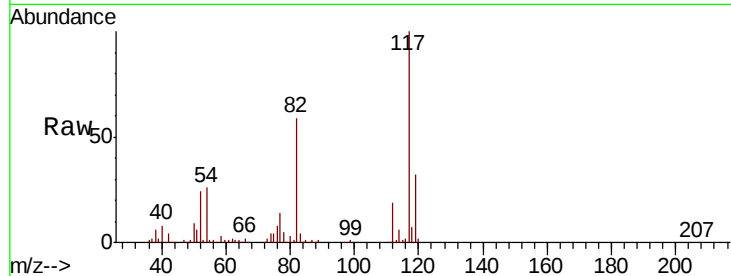




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061154.D
Acq: 27 Apr 2020 17:35

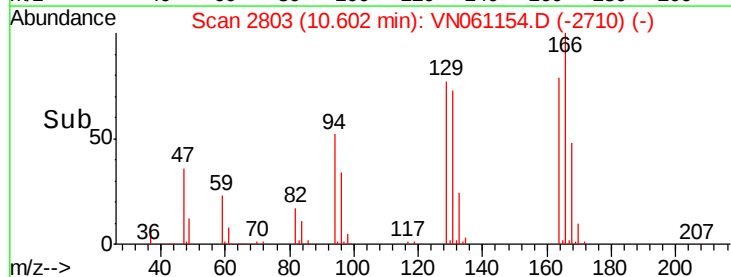
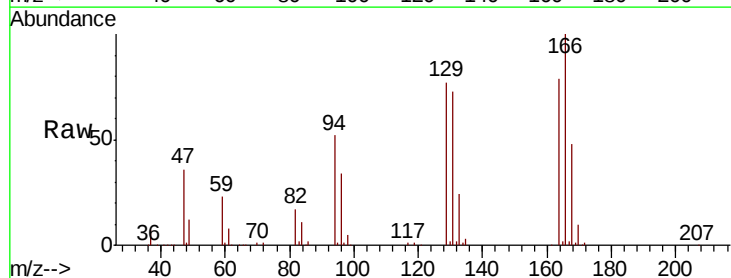
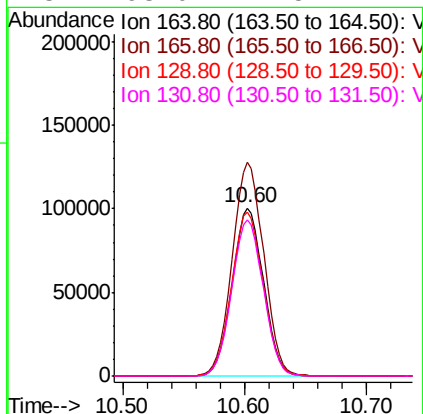
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

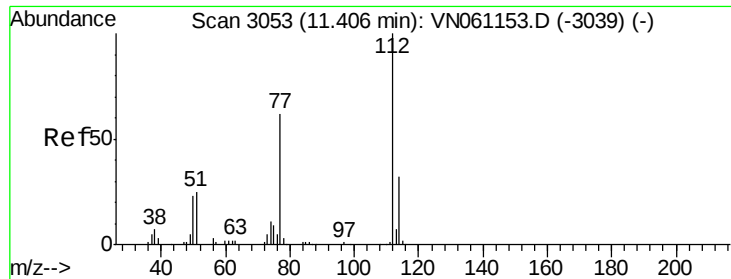
Tot Ion:117 Resp: 203680
Ion Ratio Lower Upper
117 100
82 59.5 47.8 71.8
119 31.8 25.8 38.6



#64
Tetrachloroethene
Concen: 88.247 ug/l
RT: 10.60 min Scan# 2803
Delta R.T. 0.00 min
Lab File: VN061154.D
Acq: 27 Apr 2020 17:35

Tgt Ion:164 Resp: 179185
Ion Ratio Lower Upper
164 100
166 126.9 102.0 153.0
129 97.7 78.2 117.2
131 93.0 74.5 111.7





#65

Chlorobenzene

Concen: 103.446 ug/l

RT: 11.41 min Scan# 3053

Delta R.T. 0.00 min

Lab File: VN061154.D

Acq: 27 Apr 2020 17:35

Instrument :

MSVOA_N

ClientSampleId :

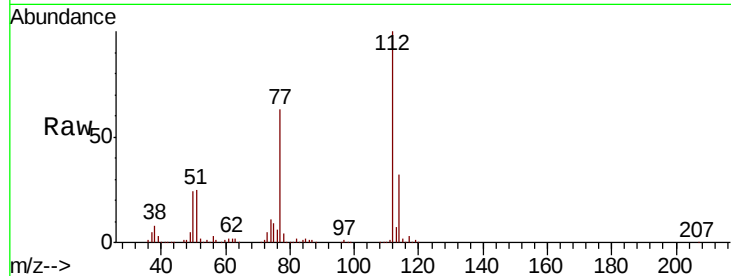
VSTDIC100

Tot Ion:112 Resp: 424982

Ion Ratio Lower Upper

112 100

114 31.6 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.41

250000

200000

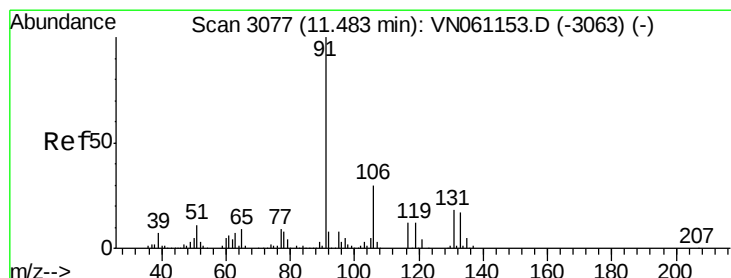
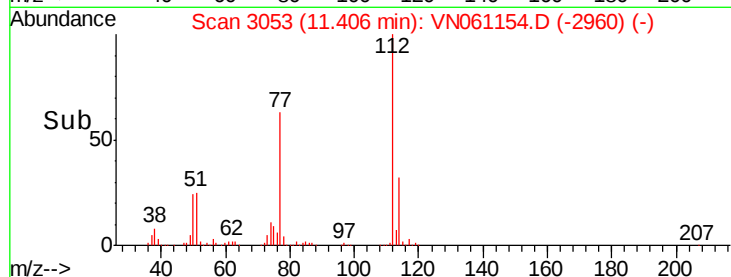
150000

100000

50000

0

Time--> 11.30 11.40 11.50



#66

1,1,1,2-Tetrachloroethane

Concen: 106.327 ug/l

RT: 11.48 min Scan# 3076

Delta R.T. -0.00 min

Lab File: VN061154.D

Acq: 27 Apr 2020 17:35

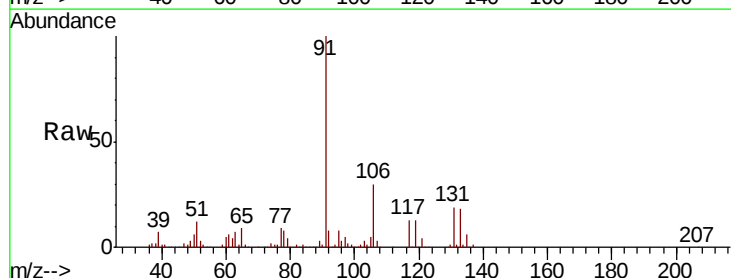
Tgt Ion:131 Resp: 154896

Ion Ratio Lower Upper

131 100

133 96.1 48.0 144.2

119 66.4 32.6 97.8



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

11.48

120000

100000

80000

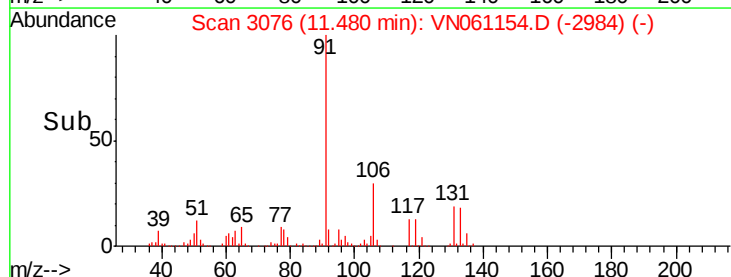
60000

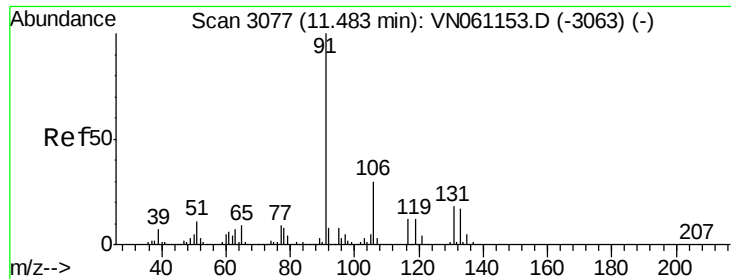
40000

20000

0

Time--> 11.40 11.45 11.50 11.55

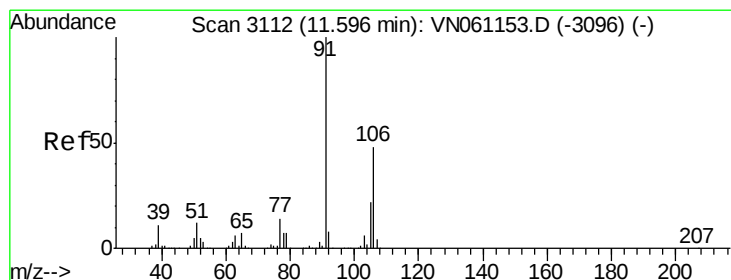
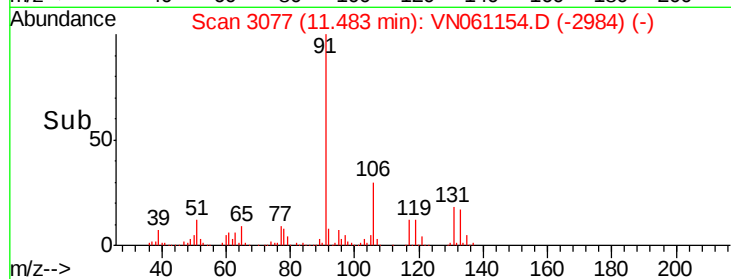
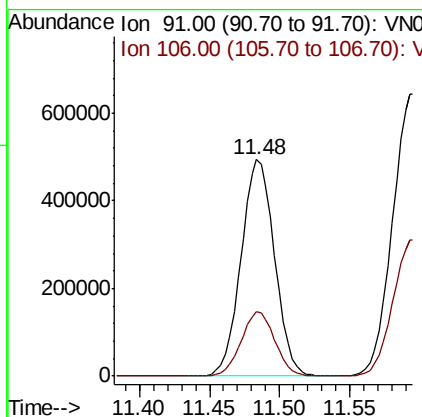
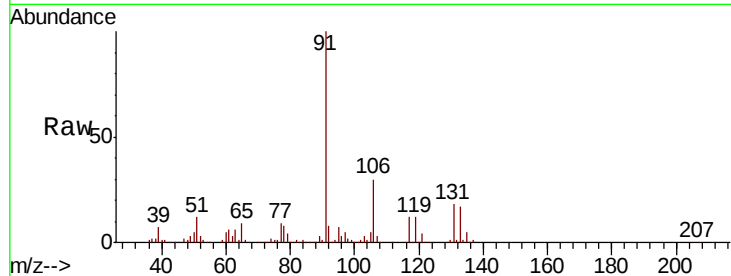




#67
Ethyl Benzene
Concen: 107.115 ug/l
RT: 11.48 min Scan# 3077
Delta R.T. 0.00 min
Lab File: VN061154.D
Acq: 27 Apr 2020 17:35

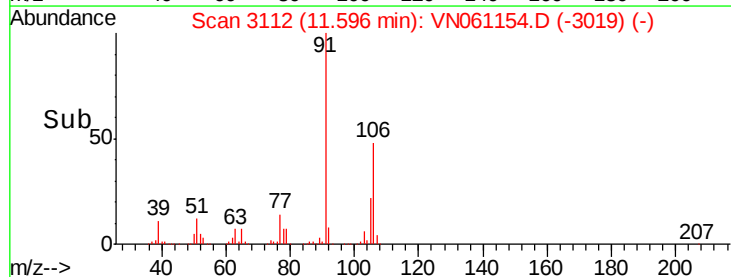
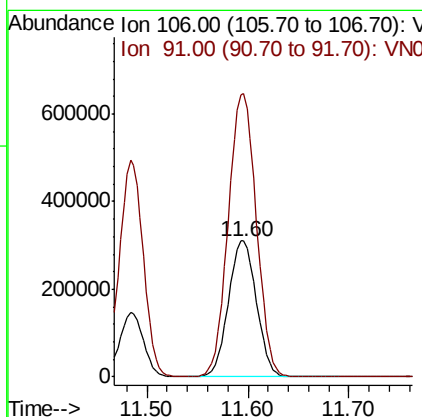
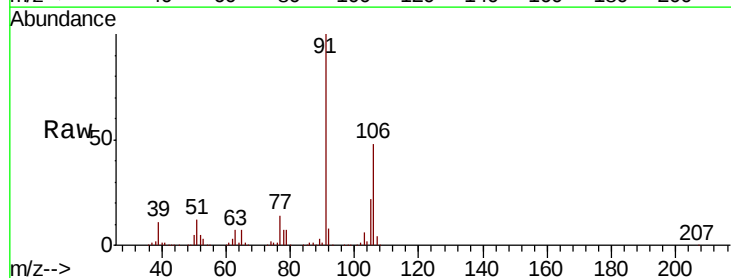
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

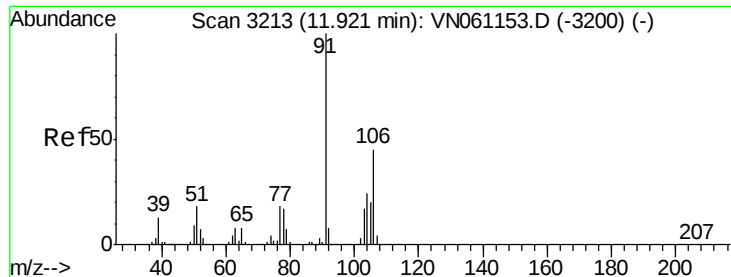
Tot Ion: 91 Resp: 822670
Ion Ratio Lower Upper
91 100
106 29.7 23.8 35.6



#68
m/p-Xylenes
Concen: 210.096 ug/l
RT: 11.60 min Scan# 3112
Delta R.T. 0.00 min
Lab File: VN061154.D
Acq: 27 Apr 2020 17:35

Tgt Ion: 106 Resp: 600843
Ion Ratio Lower Upper
106 100
91 209.0 166.4 249.6

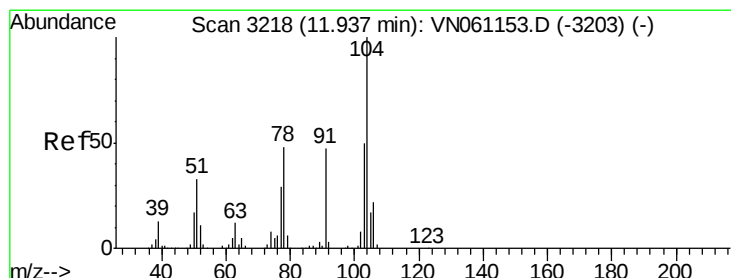
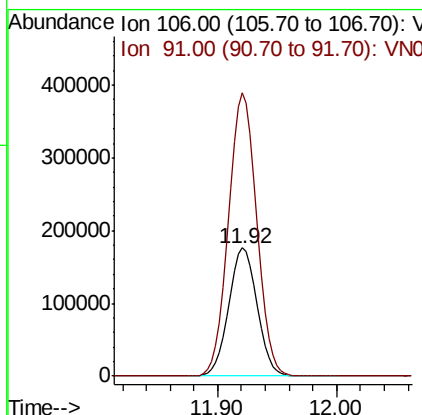
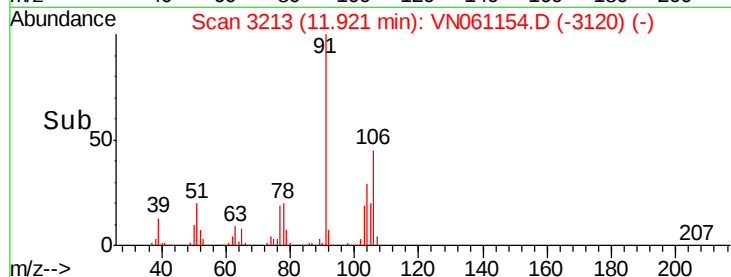
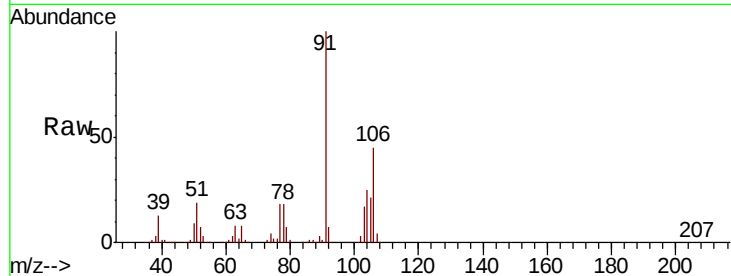




#69
o-Xylene
Concen: 105.593 ug/l
RT: 11.92 min Scan# 3213
Delta R.T. 0.00 min
Lab File: VN061154.D
Acq: 27 Apr 2020 17:35

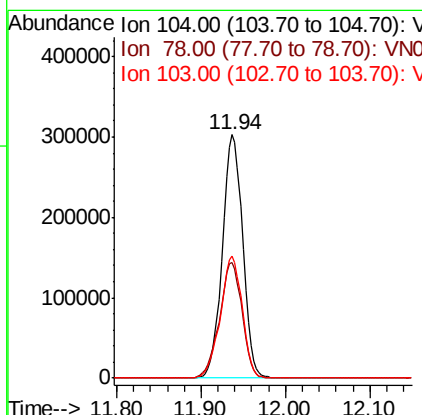
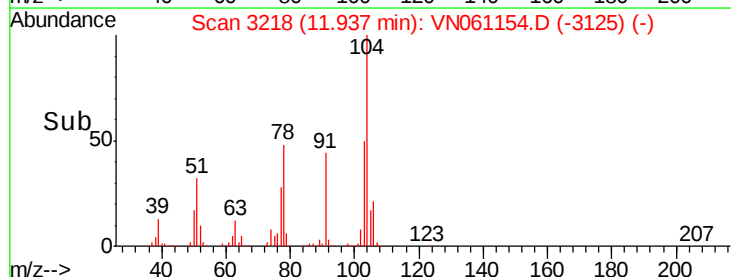
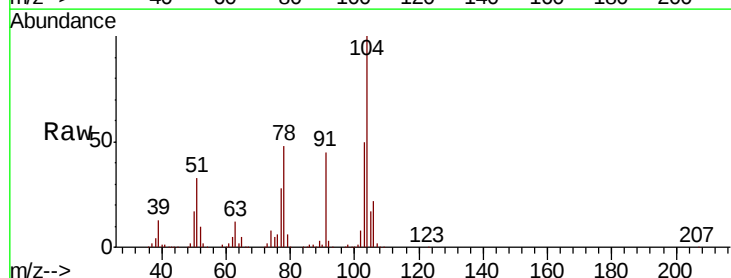
Instrument :
MSVOA_N
ClientSampled :
VSTDIC100

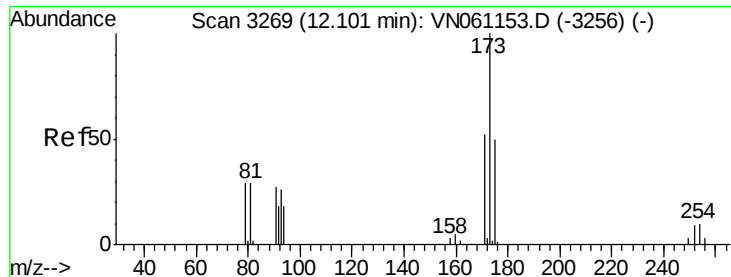
Tot Ion:106 Resp: 291396
Ion Ratio Lower Upper
106 100
91 219.8 109.7 329.0



#70
Styrene
Concen: 113.010 ug/l
RT: 11.94 min Scan# 3218
Delta R.T. 0.00 min
Lab File: VN061154.D
Acq: 27 Apr 2020 17:35

Tgt Ion:104 Resp: 506865
Ion Ratio Lower Upper
104 100
78 52.6 42.1 63.1
103 53.7 43.3 64.9





#71

Bromoform

Concen: 112.970 ug/l

RT: 12.10 min Scan# 3269

Delta R.T. 0.00 min

Lab File: VN061154.D

Acq: 27 Apr 2020 17:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

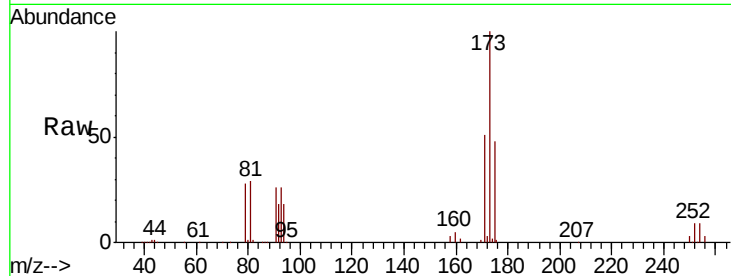
Tot Ion:173 Resp: 123420

Ion Ratio Lower Upper

173 100

175 47.9 24.1 72.4

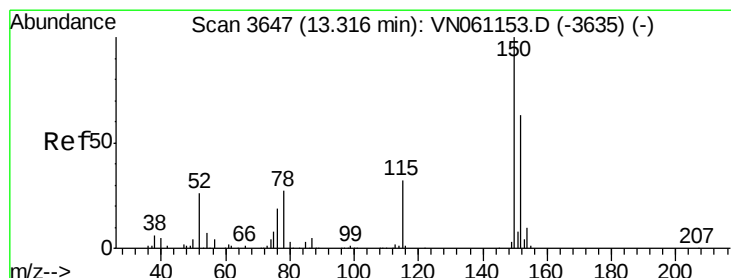
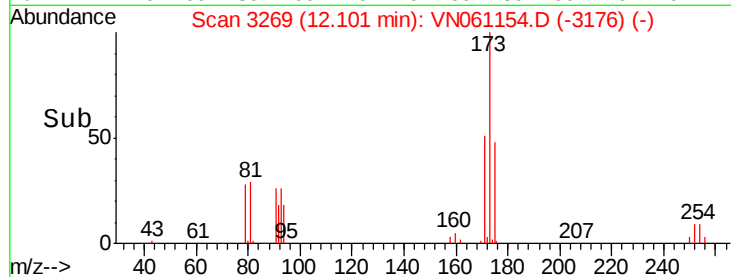
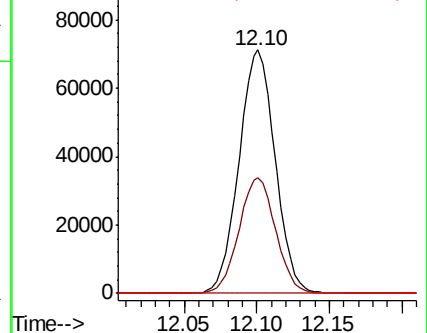
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3648

Delta R.T. 0.00 min

Lab File: VN061154.D

Acq: 27 Apr 2020 17:35

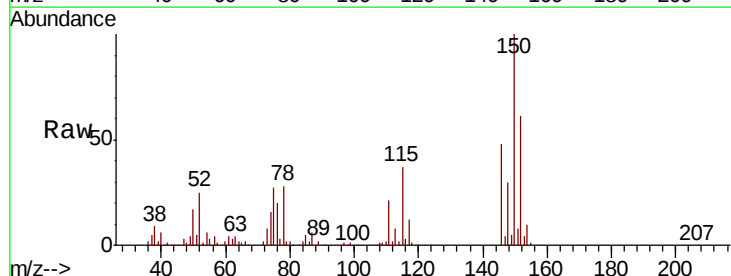
Tgt Ion:152 Resp: 101273

Ion Ratio Lower Upper

152 100

115 61.0 31.0 93.0

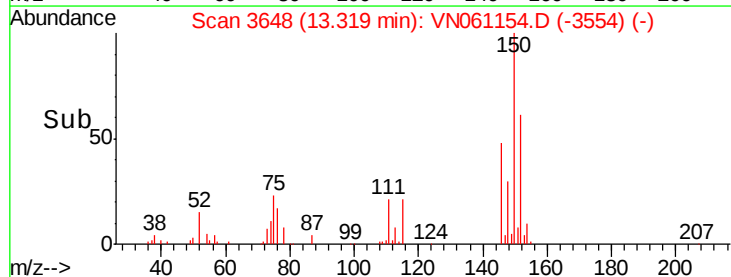
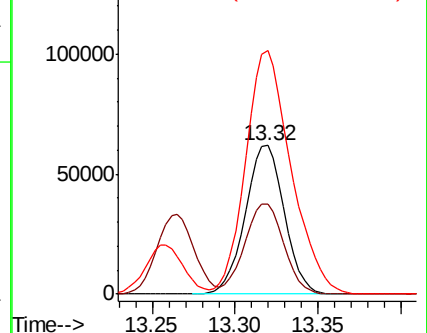
150 190.8 0.0 351.8

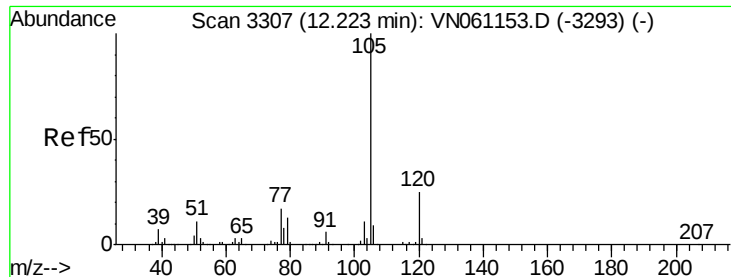


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 104.260 ug/l

RT: 12.22 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN061154.D

Acq: 27 Apr 2020 17:35

Instrument :

MSVOA_N

ClientSampled :

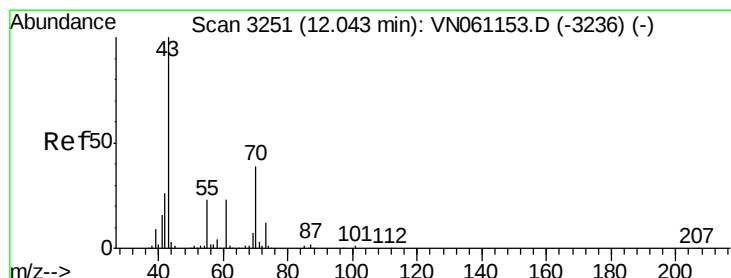
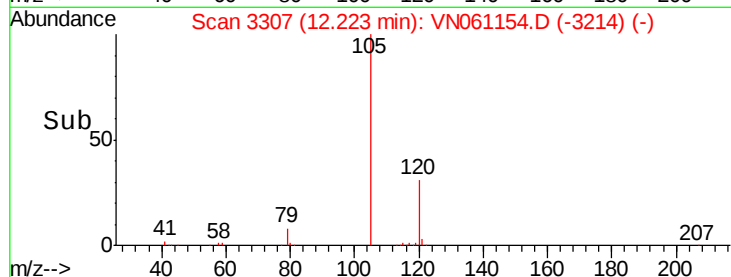
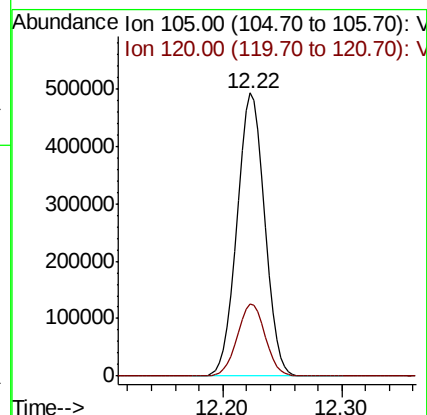
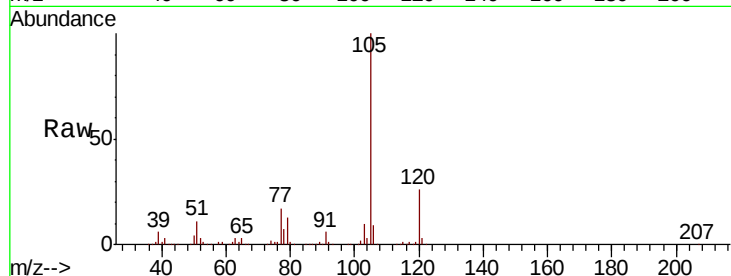
VSTDIC100

Tot Ion:105 Resp: 793609

Ion Ratio Lower Upper

105 100

120 25.7 12.6 37.8



#74

N-ethyl acetate

Concen: 119.381 ug/l

RT: 12.04 min Scan# 3251

Delta R.T. 0.00 min

Lab File: VN061154.D

Acq: 27 Apr 2020 17:35

Tgt Ion: 43 Resp: 416723

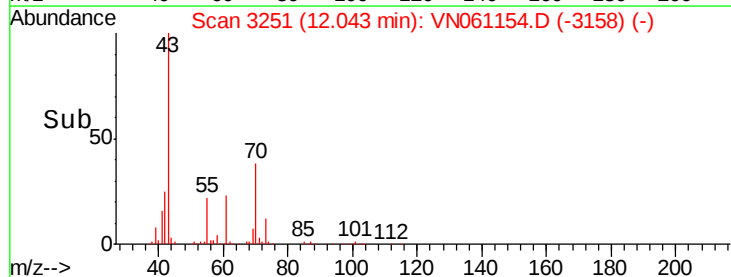
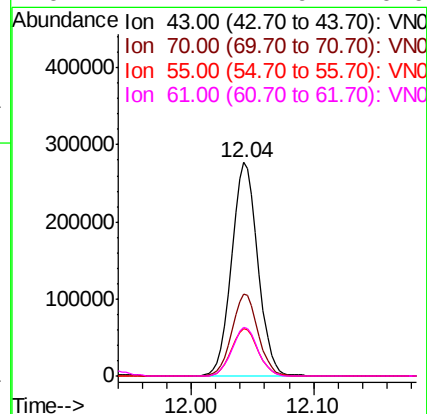
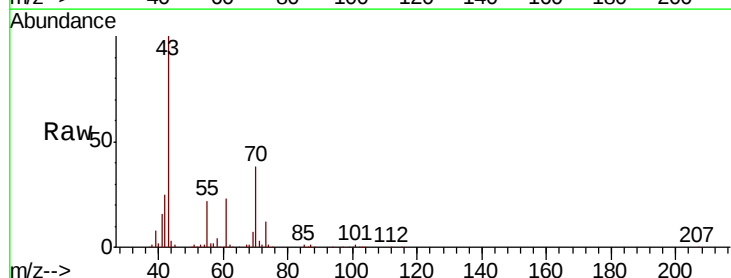
Ion Ratio Lower Upper

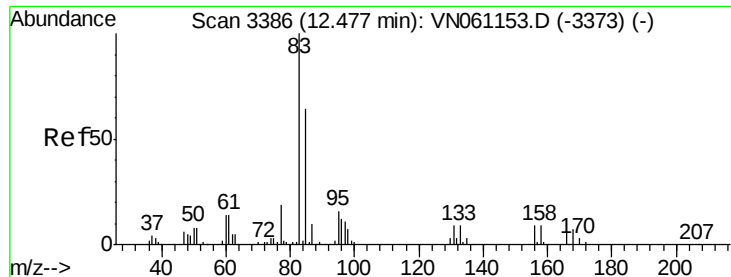
43 100

70 38.2 30.6 46.0

55 22.6 18.5 27.7

61 22.7 17.9 26.9





#75

1,1,2,2-Tetrachloroethane

Concen: 114.220 ug/l

RT: 12.48 min Scan# 3386

Delta R.T. 0.00 min

Lab File: VN061154.D

Acq: 27 Apr 2020 17:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

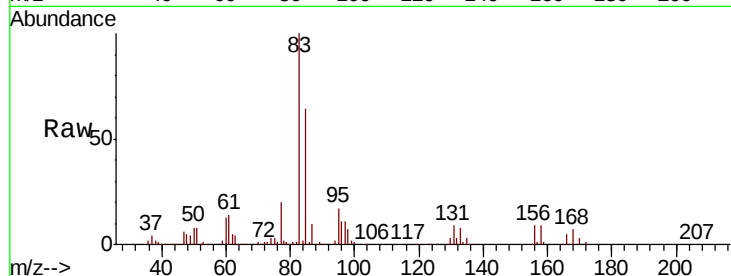
Tot Ion: 83 Resp: 238476

Ion Ratio Lower Upper

83 100

131 9.4 4.8 14.3

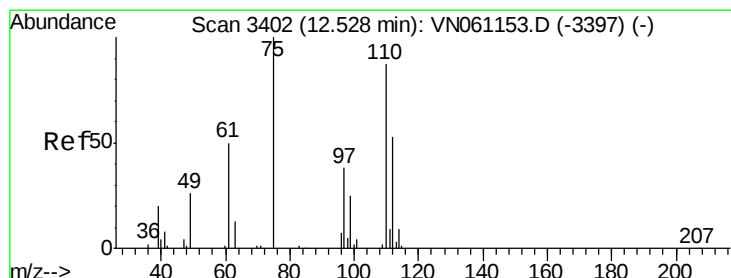
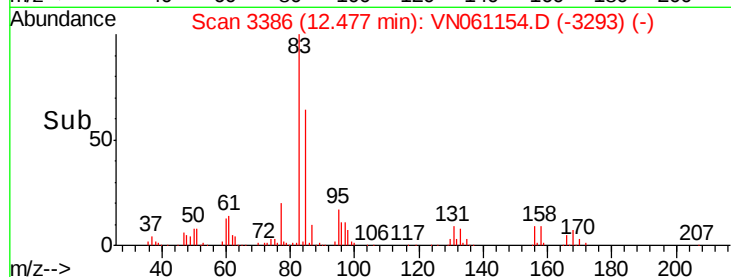
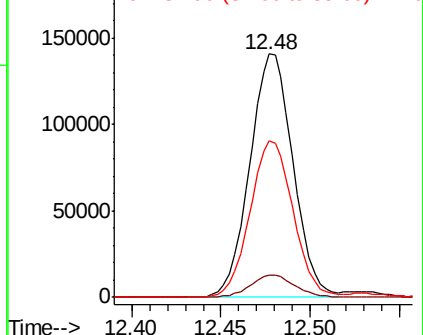
85 64.1 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VN061154.D (-3373) (-)

Ion 130.80 (130.50 to 131.50): VN061154.D (-3373) (-)

Ion 84.90 (84.60 to 85.60): VN061154.D (-3373) (-)



#76

1,2,3-Trichloropropane

Concen: 147.389 ug/l

RT: 12.53 min Scan# 3402

Delta R.T. 0.00 min

Lab File: VN061154.D

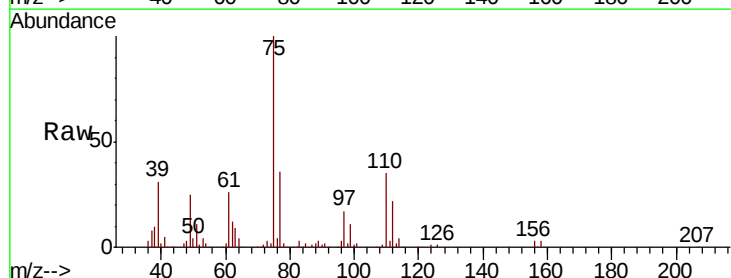
Acq: 27 Apr 2020 17:35

Tgt Ion: 75 Resp: 337803

Ion Ratio Lower Upper

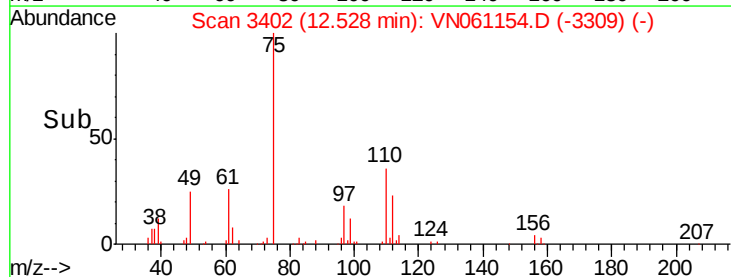
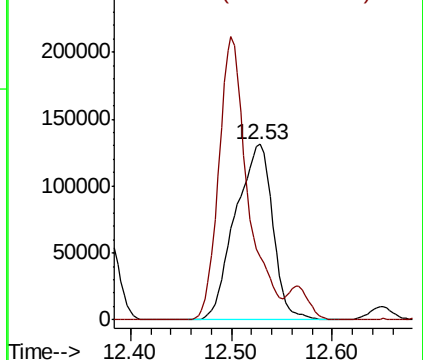
75 100

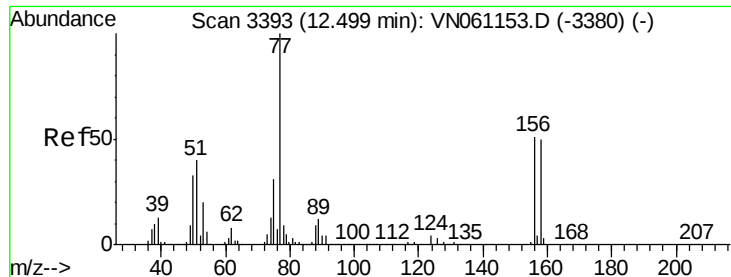
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN061154.D (-3397) (-)

Ion 77.00 (76.70 to 77.70): VN061154.D (-3397) (-)

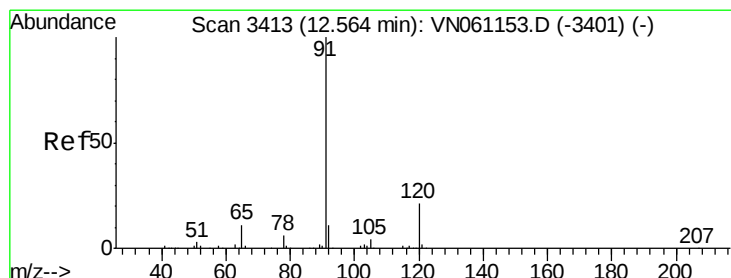
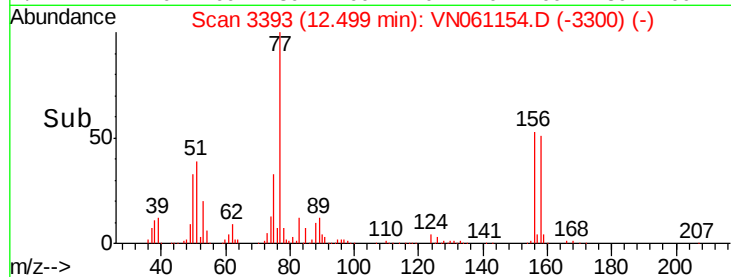
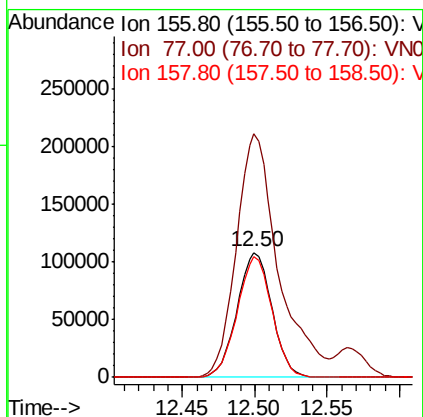
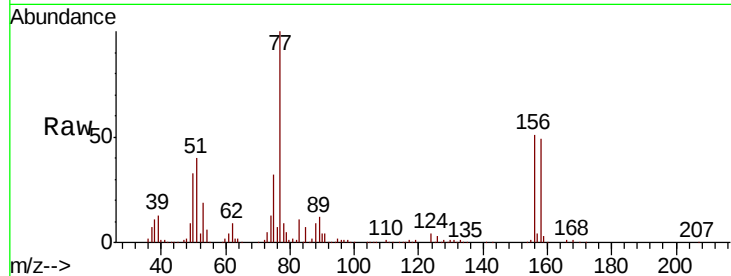




#77
Bromobenzene
Concen: 98.252 ug/l
RT: 12.50 min Scan# 3393
Delta R.T. 0.00 min
Lab File: VN061154.D
Acq: 27 Apr 2020 17:35

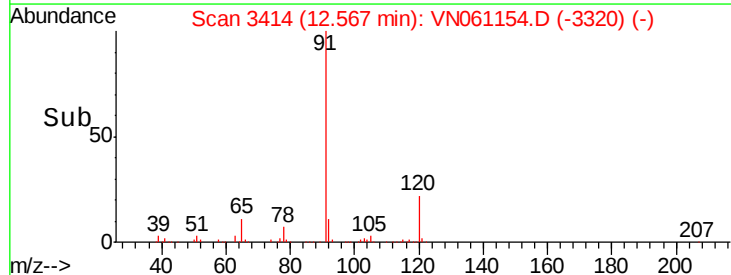
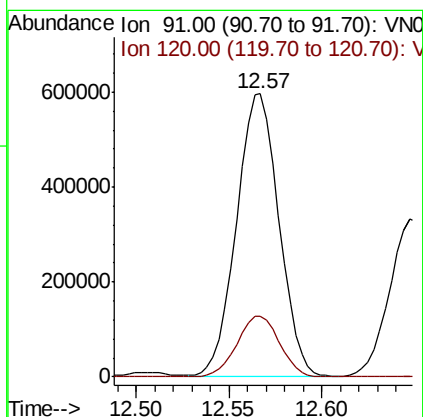
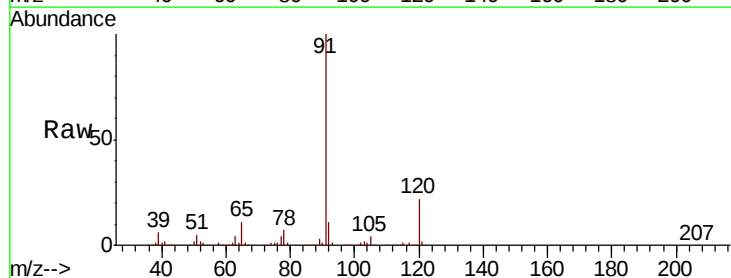
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

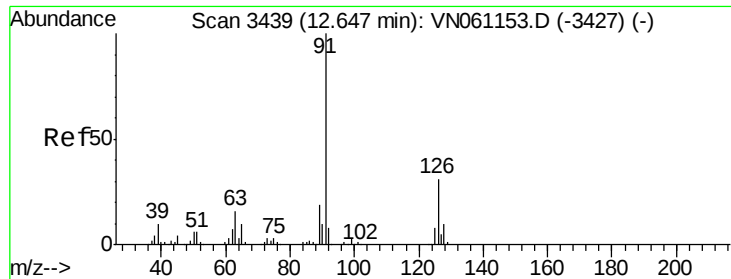
Tot Ion:156 Resp: 180440
Ion Ratio Lower Upper
156 100
77 236.2 117.4 352.2
158 96.7 48.4 145.0



#78
n-propylbenzene
Concen: 105.451 ug/l
RT: 12.57 min Scan# 3414
Delta R.T. 0.00 min
Lab File: VN061154.D
Acq: 27 Apr 2020 17:35

Tgt Ion: 91 Resp: 943800
Ion Ratio Lower Upper
91 100
120 21.7 10.8 32.3

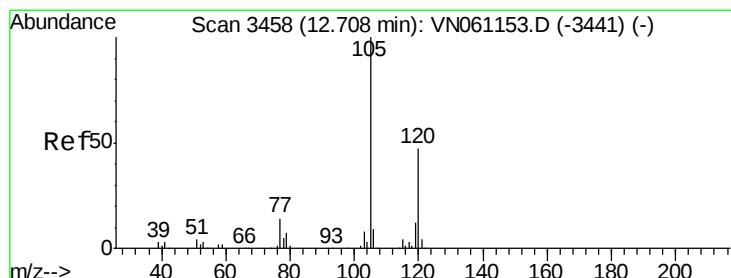
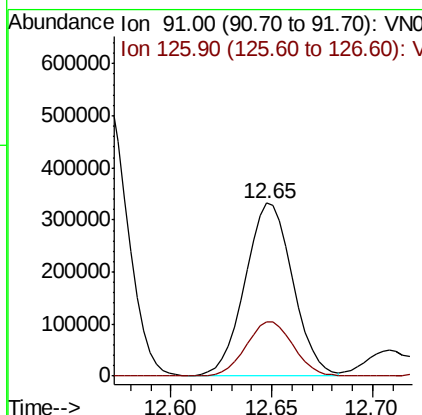
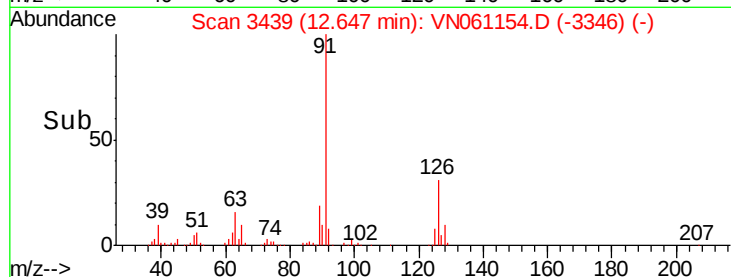
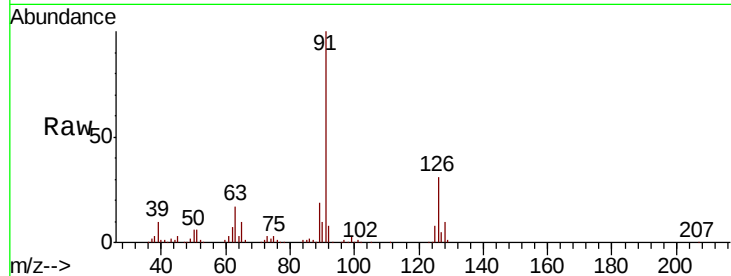




#79
 2-Chlorotoluene
 Concen: 105.205 ug/l
 RT: 12.65 min Scan# 3439
 Delta R.T. 0.00 min
 Lab File: VN061154.D
 Acq: 27 Apr 2020 17:35

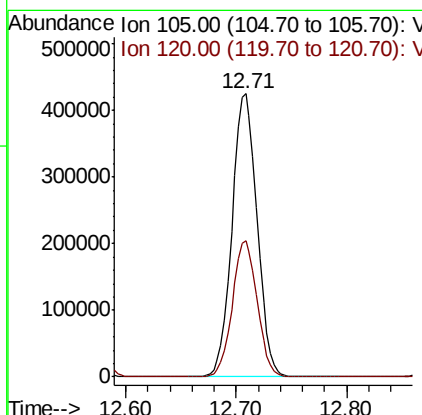
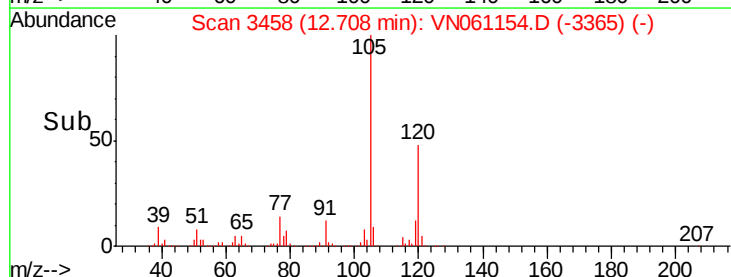
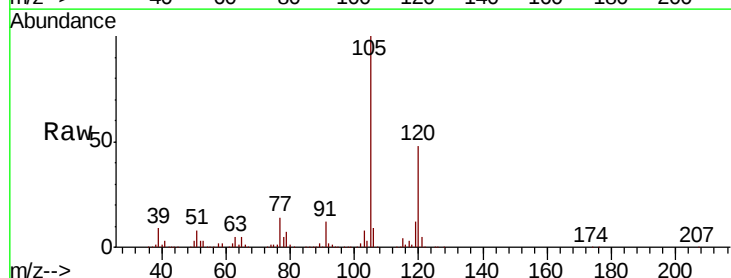
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

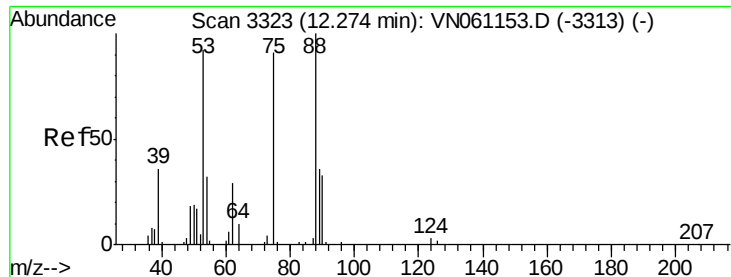
Tot Ion: 91 Resp: 547115
 Ion Ratio Lower Upper
 91 100
 126 31.7 15.9 47.7



#80
 1,3,5-Trimethylbenzene
 Concen: 104.208 ug/l
 RT: 12.71 min Scan# 3458
 Delta R.T. 0.00 min
 Lab File: VN061154.D
 Acq: 27 Apr 2020 17:35

Tgt Ion: 105 Resp: 667705
 Ion Ratio Lower Upper
 105 100
 120 47.7 23.9 71.7





#81

trans-1,4-Dichloro-2-butene

Concen: 104.530 ug/l

RT: 12.27 min Scan# 3323

Delta R.T. 0.00 min

Lab File: VN061154.D

Acq: 27 Apr 2020 17:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

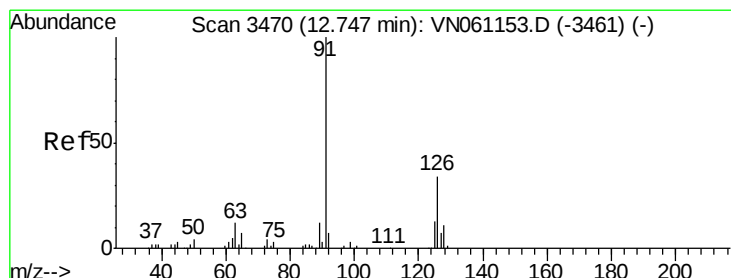
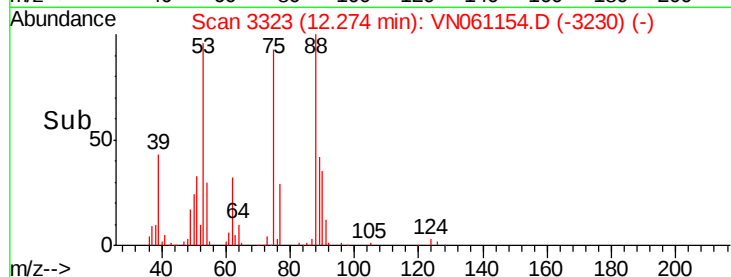
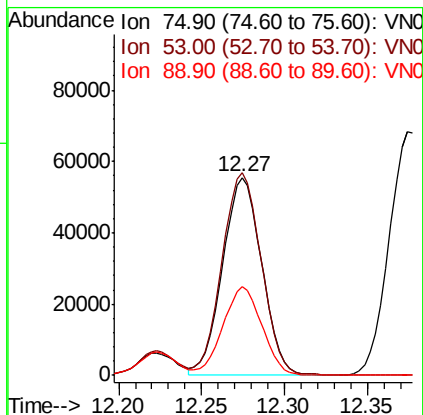
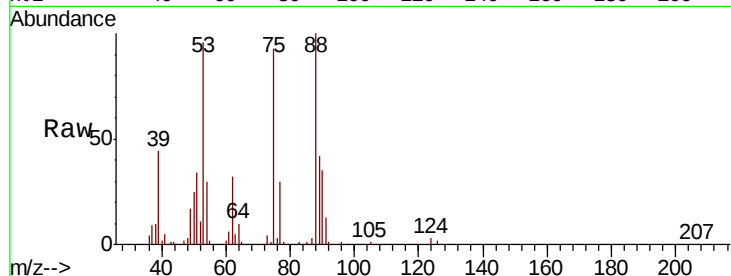
Tot Ion: 75 Resp: 91395

Ion Ratio Lower Upper

75 100

53 102.8 84.1 126.1

89 44.6 35.2 52.8



#82

4-Chlorotoluene

Concen: 105.757 ug/l

RT: 12.75 min Scan# 3470

Delta R.T. 0.00 min

Lab File: VN061154.D

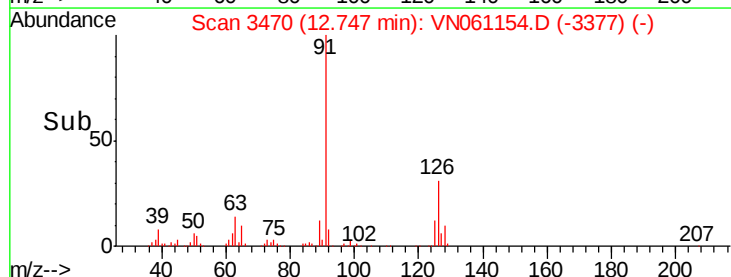
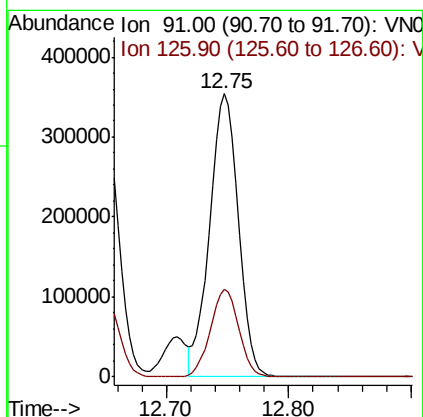
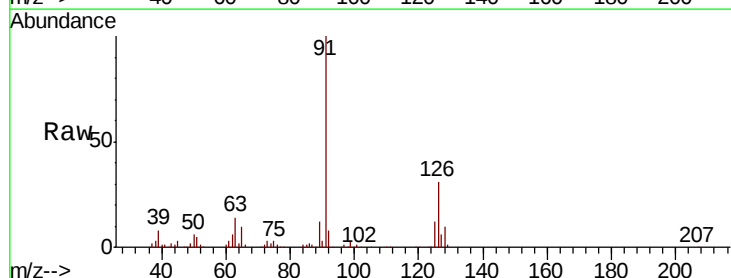
Acq: 27 Apr 2020 17:35

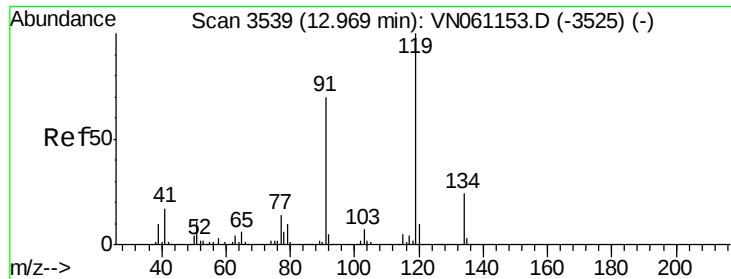
Tgt Ion: 91 Resp: 584398

Ion Ratio Lower Upper

91 100

126 30.7 15.7 47.1

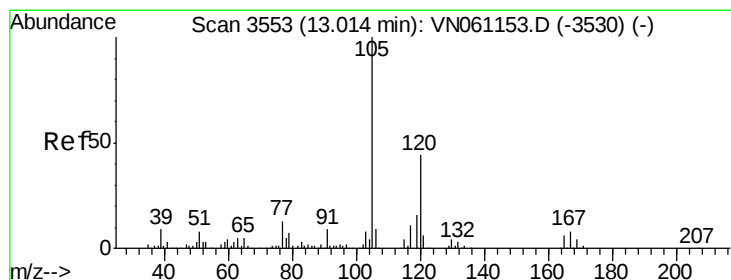
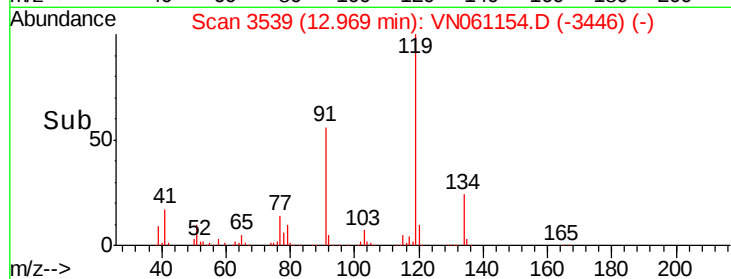
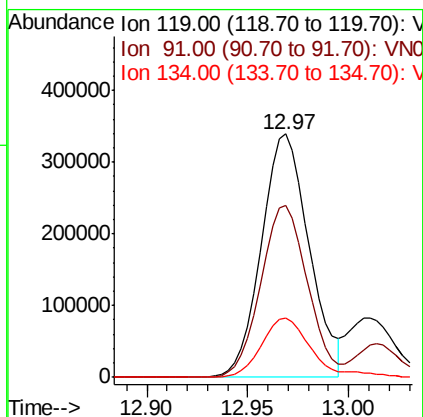
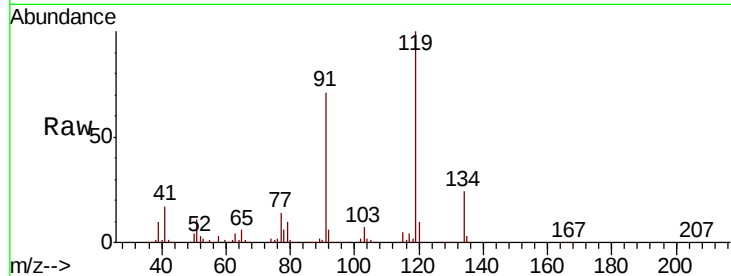




#83
 tert-Butylbenzene
 Concen: 104.035 ug/l
 RT: 12.97 min Scan# 3539
 Delta R.T. 0.00 min
 Lab File: VN061154.D
 Acq: 27 Apr 2020 17:35

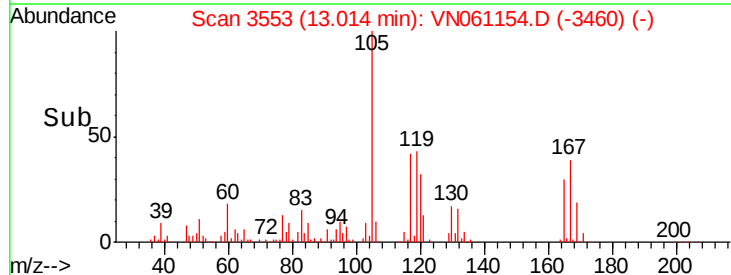
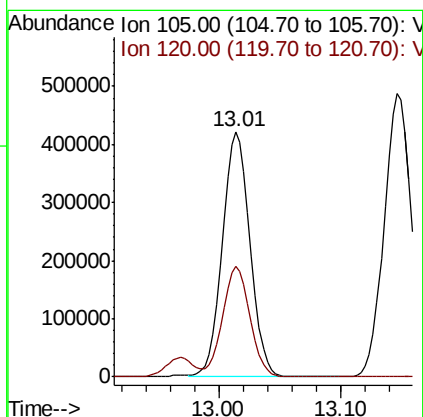
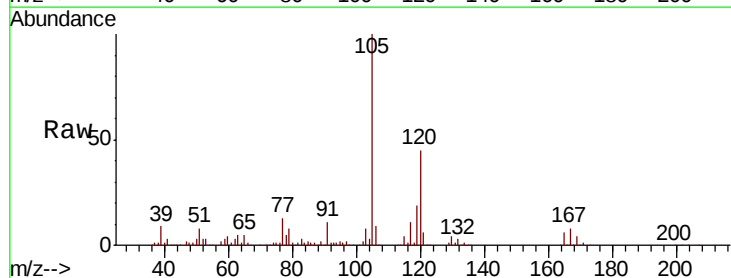
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

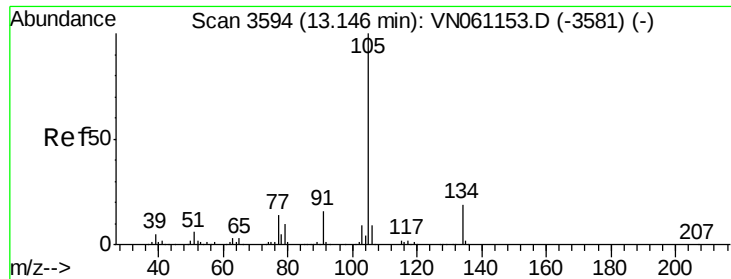
Tot Ion:119 Resp: 559115
 Ion Ratio Lower Upper
 119 100
 91 69.9 34.8 104.4
 134 25.5 12.9 38.7



#84
 1,2,4-Trimethylbenzene
 Concen: 104.404 ug/l
 RT: 13.01 min Scan# 3553
 Delta R.T. 0.00 min
 Lab File: VN061154.D
 Acq: 27 Apr 2020 17:35

Tgt Ion:105 Resp: 668339
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.2 66.6





#85

sec-Butylbenzene

Concen: 105.071 ug/l

RT: 13.15 min Scan# 3594

Delta R.T. 0.00 min

Lab File: VN061154.D

Acq: 27 Apr 2020 17:35

Instrument :

MSVOA_N

ClientSampled :

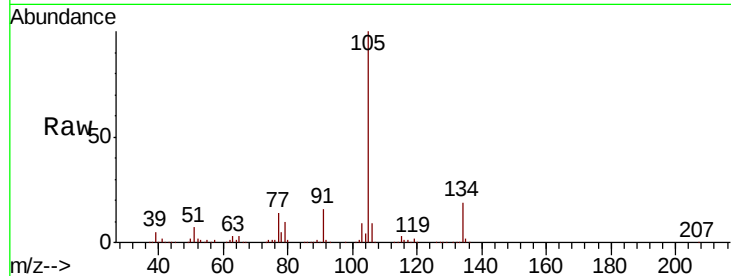
VSTDIC100

Tot Ion:105 Resp: 766567

Ion Ratio Lower Upper

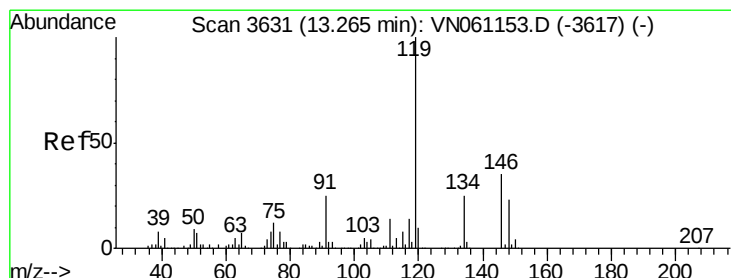
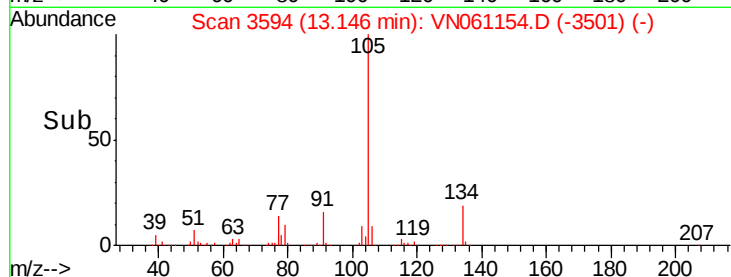
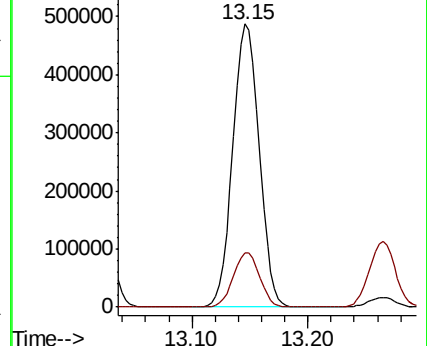
105 100

134 19.1 9.6 28.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 104.853 ug/l

RT: 13.26 min Scan# 3631

Delta R.T. 0.00 min

Lab File: VN061154.D

Acq: 27 Apr 2020 17:35

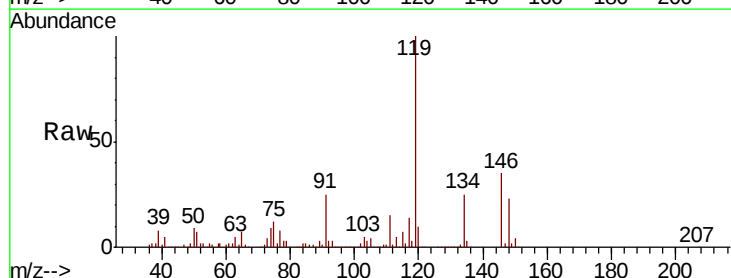
Tgt Ion:119 Resp: 693504

Ion Ratio Lower Upper

119 100

134 25.3 12.6 37.6

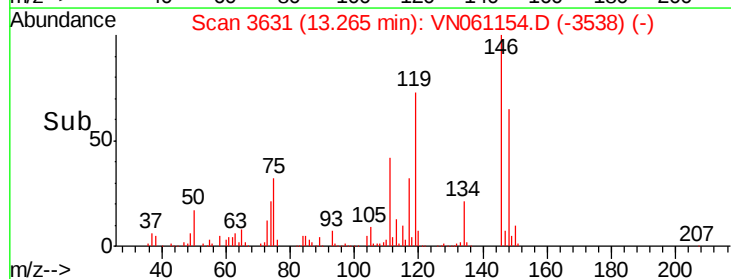
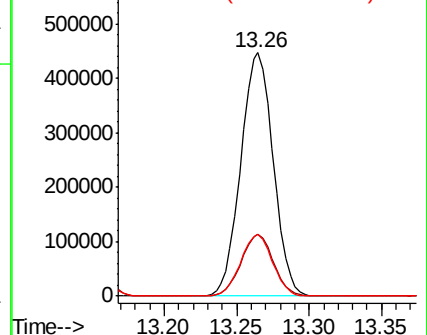
91 25.1 12.7 38.0

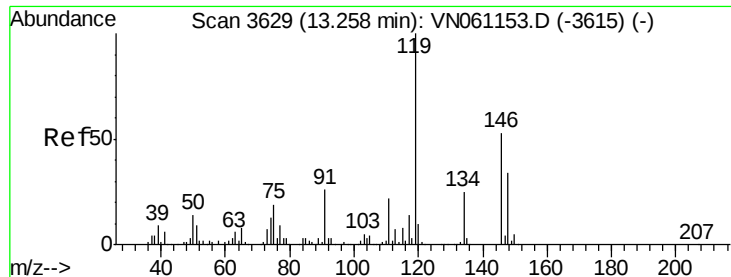


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

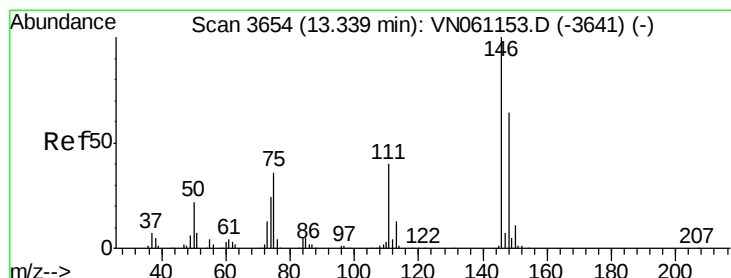
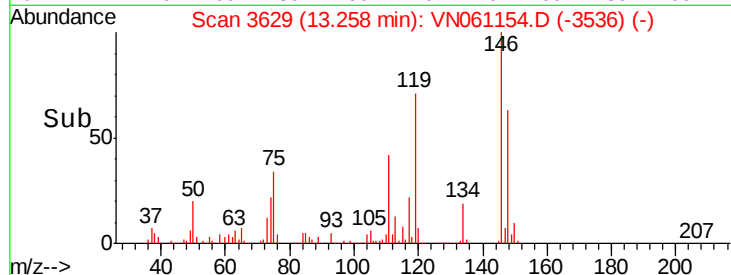
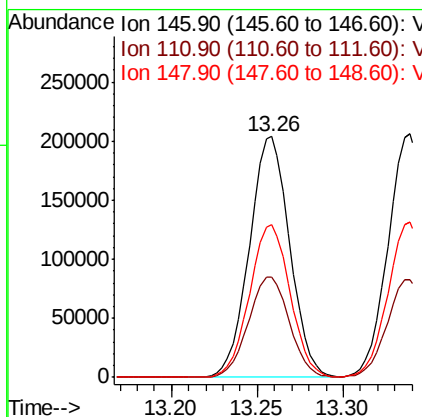
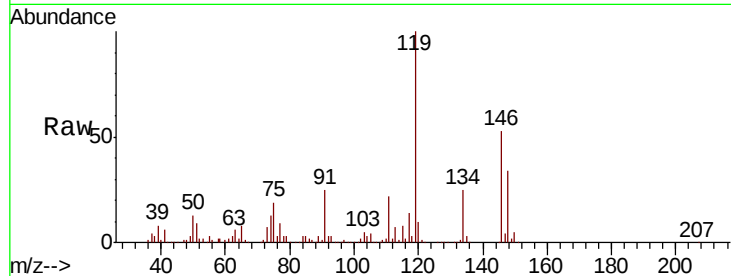




#87
 1,3-Dichlorobenzene
 Concen: 100.777 ug/l
 RT: 13.26 min Scan# 3629
 Delta R.T. 0.00 min
 Lab File: VN061154.D
 Acq: 27 Apr 2020 17:35

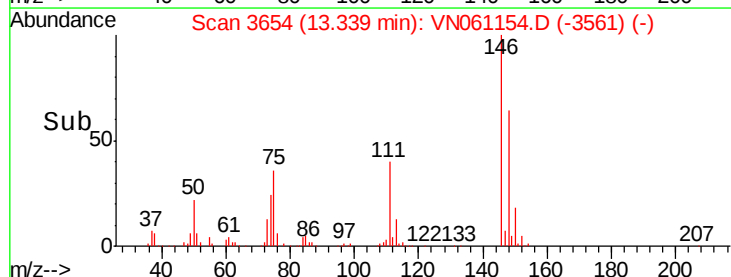
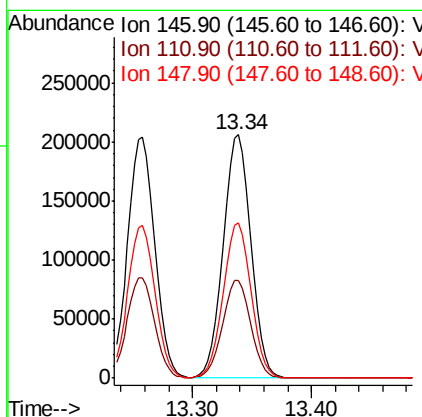
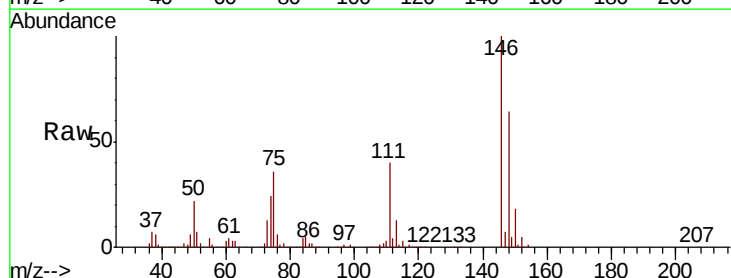
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

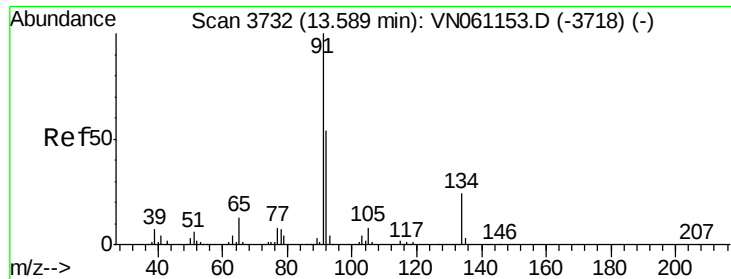
Tot Ion:146 Resp: 330493
 Ion Ratio Lower Upper
 146 100
 111 42.4 20.7 62.1
 148 63.9 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 100.459 ug/l
 RT: 13.34 min Scan# 3654
 Delta R.T. 0.00 min
 Lab File: VN061154.D
 Acq: 27 Apr 2020 17:35

Tgt Ion:146 Resp: 333755
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.4 61.3
 148 63.9 31.9 95.7





#89

n-Butylbenzene

Concen: 106.122 ug/l

RT: 13.59 min Scan# 3732

Delta R.T. 0.00 min

Lab File: VN061154.D

Acq: 27 Apr 2020 17:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

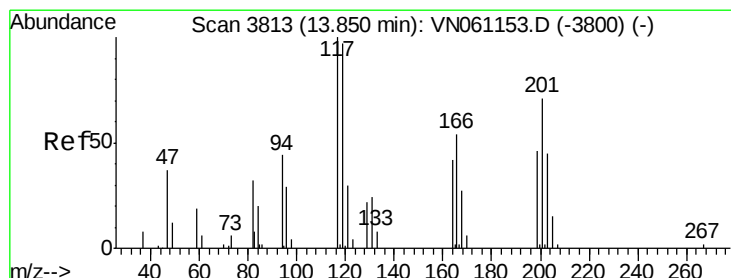
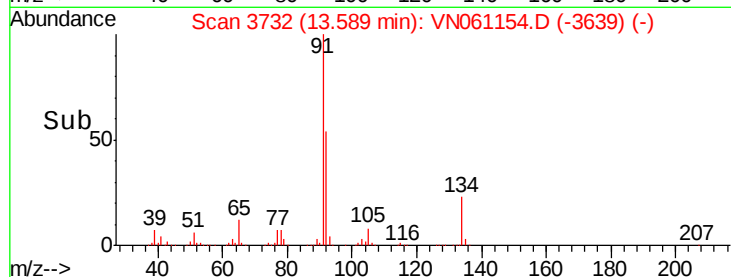
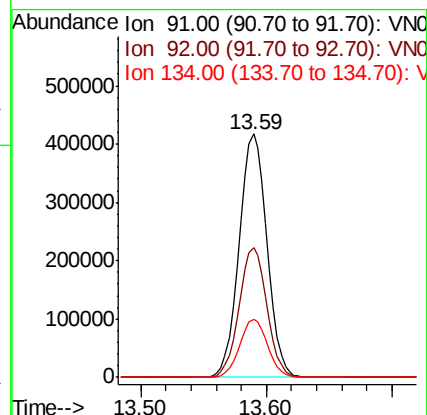
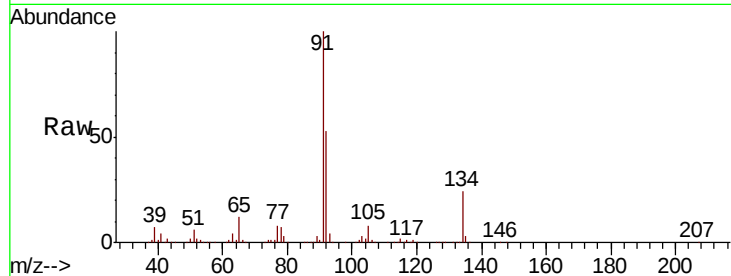
Tot Ion: 91 Resp: 640738

Ion Ratio Lower Upper

91 100

92 53.3 26.8 80.3

134 23.9 11.9 35.5



#90

Hexachloroethane

Concen: 133.089 ug/l

RT: 13.85 min Scan# 3813

Delta R.T. 0.00 min

Lab File: VN061154.D

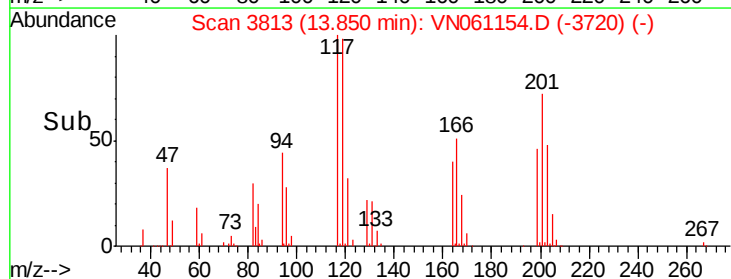
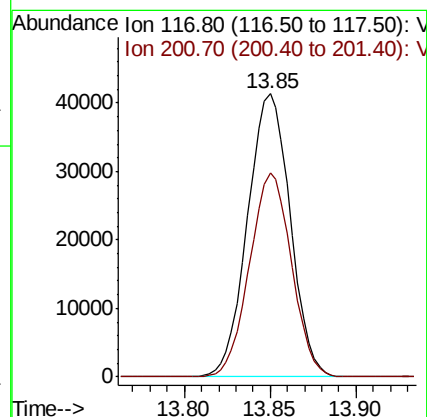
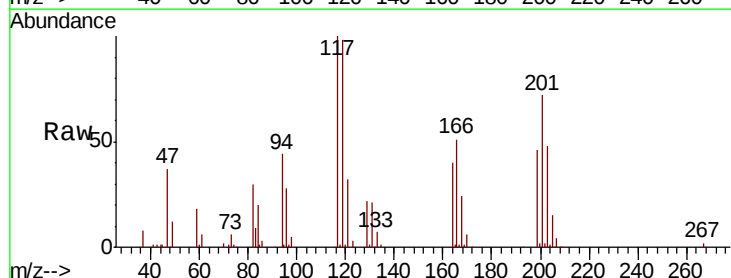
Acq: 27 Apr 2020 17:35

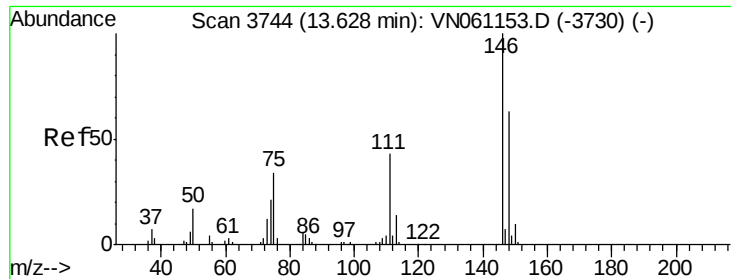
Tgt Ion: 117 Resp: 71040

Ion Ratio Lower Upper

117 100

201 70.8 35.5 106.7





#91

1,2-Dichlorobenzene

Concen: 102.922 ug/l

RT: 13.63 min Scan# 3744

Delta R.T. 0.00 min

Lab File: VN061154.D

Acq: 27 Apr 2020 17:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

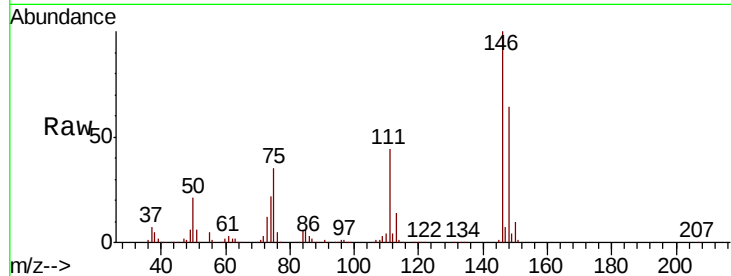
Tot Ion:146 Resp: 314595

Ion Ratio Lower Upper

146 100

111 43.9 21.8 65.3

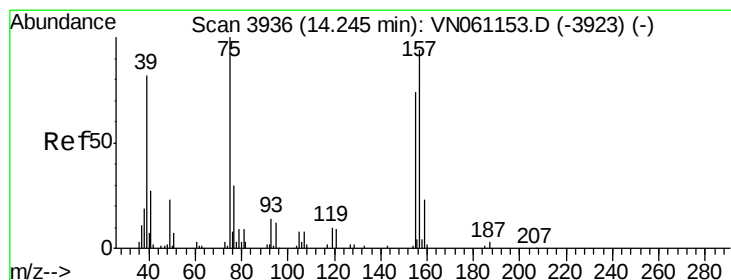
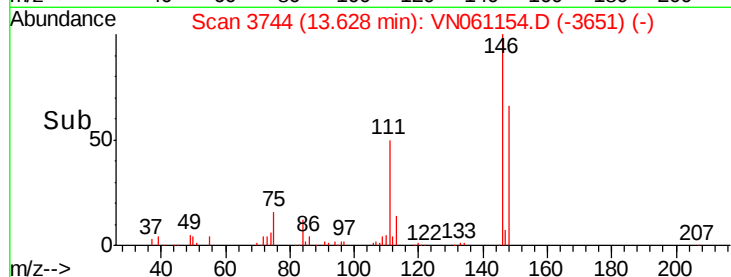
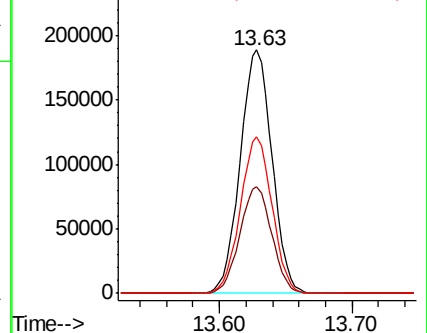
148 63.8 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 117.322 ug/l

RT: 14.24 min Scan# 3935

Delta R.T. -0.00 min

Lab File: VN061154.D

Acq: 27 Apr 2020 17:35

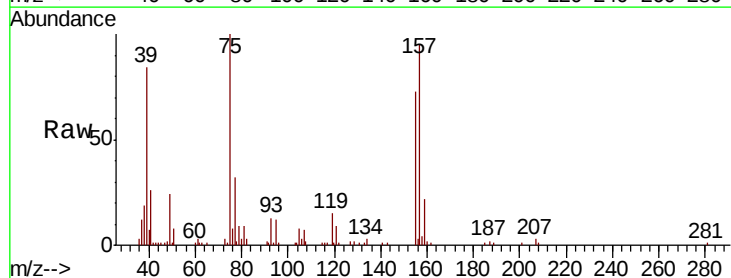
Tgt Ion: 75 Resp: 53264

Ion Ratio Lower Upper

75 100

155 73.4 36.5 109.7

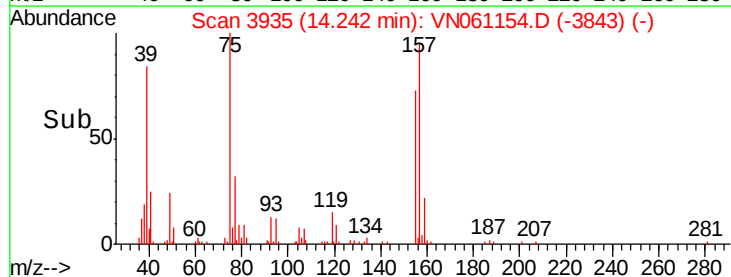
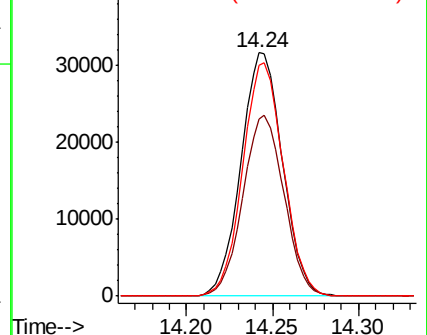
157 93.6 46.6 139.7

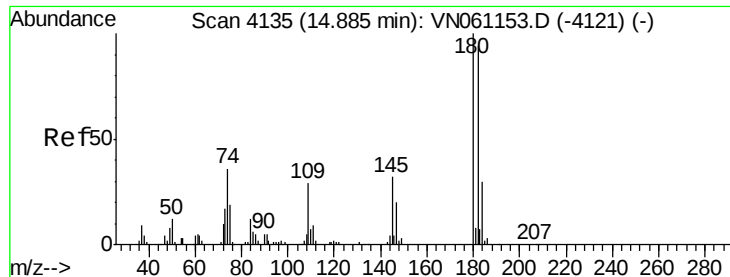


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

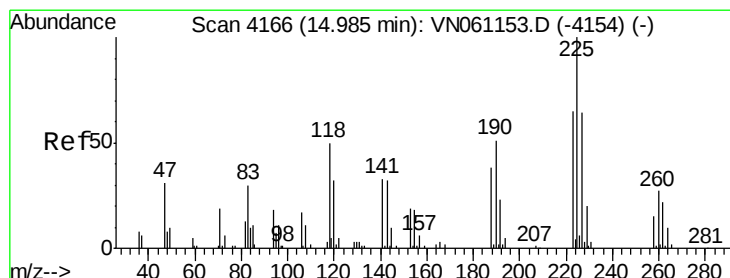
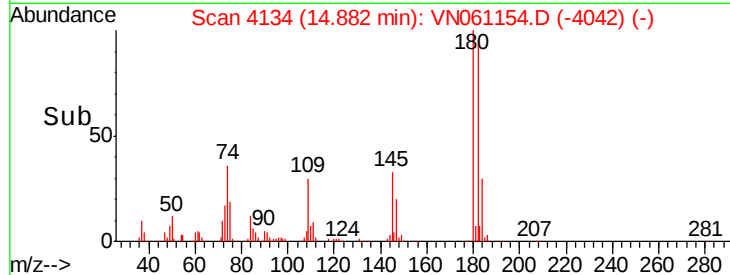
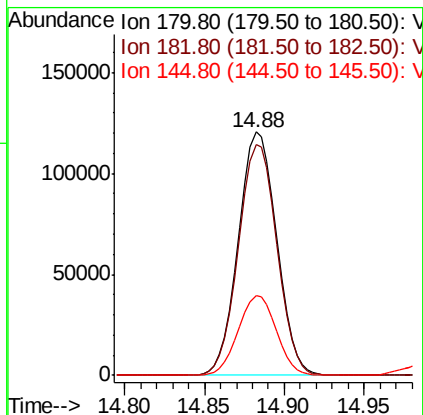
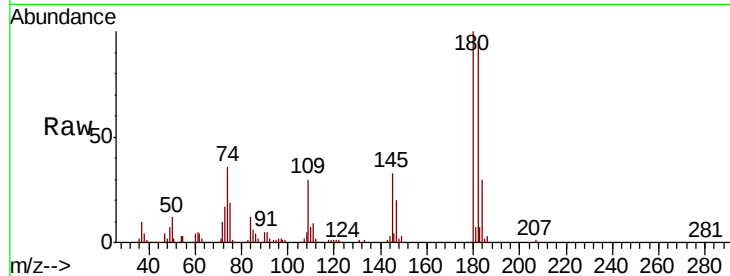




#93
 1,2,4-Trichlorobenzene
 Concen: 97.128 ug/l
 RT: 14.88 min Scan# 4134
 Delta R.T. -0.00 min
 Lab File: VN061154.D
 Acq: 27 Apr 2020 17:35

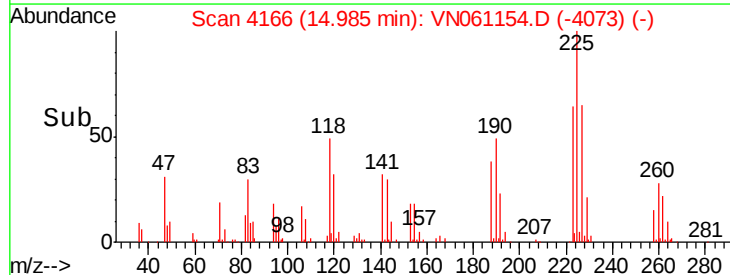
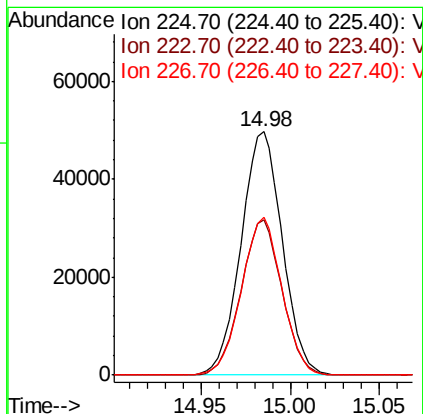
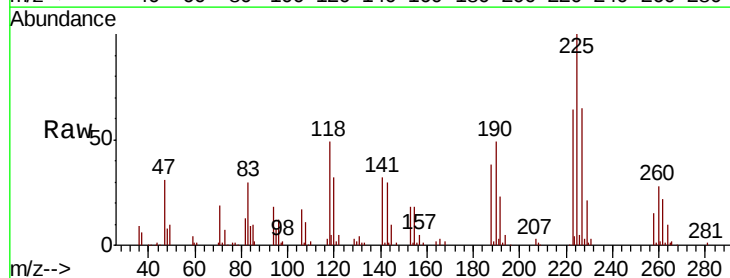
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

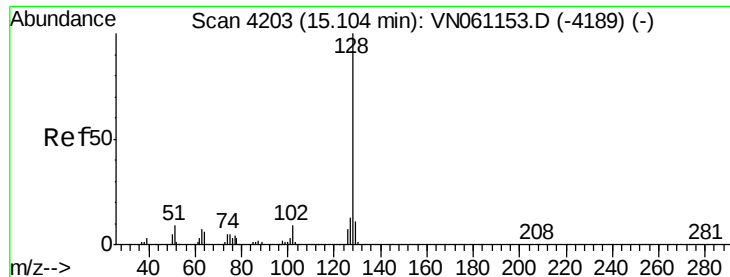
Tot Ion:180 Resp: 196868
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.3 141.9
 145 32.5 16.0 47.9



#94
 Hexachlorobutadiene
 Concen: 91.499 ug/l
 RT: 14.98 min Scan# 4166
 Delta R.T. 0.00 min
 Lab File: VN061154.D
 Acq: 27 Apr 2020 17:35

Tgt Ion:225 Resp: 80338
 Ion Ratio Lower Upper
 225 100
 223 63.2 32.4 97.0
 227 63.5 32.4 97.0





#95

Naphthalene

Concen: 104.603 ug/l

RT: 15.10 min Scan# 4203

Delta R.T. 0.00 min

Lab File: VN061154.D

Acq: 27 Apr 2020 17:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

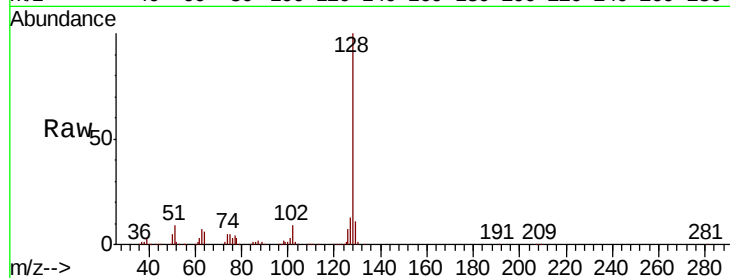
Tot Ion:128 Resp: 659796

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

129 10.9 8.7 13.1

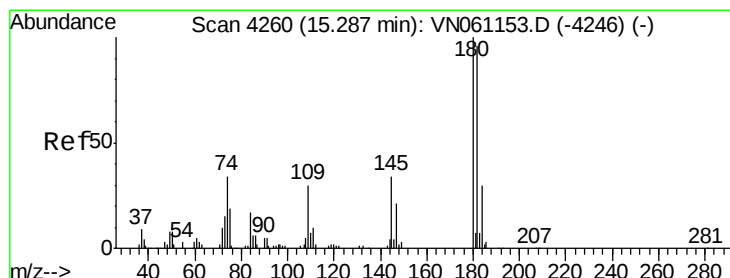
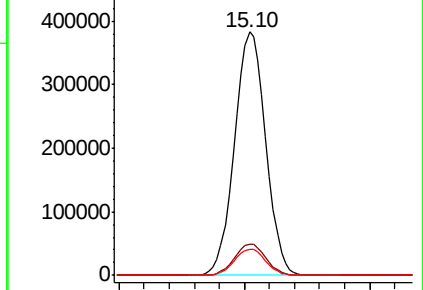
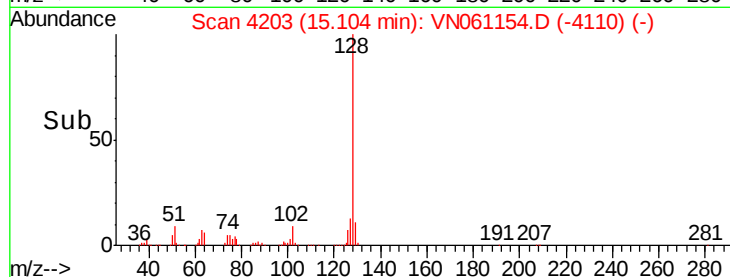


Abundance

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: 99.173 ug/l

RT: 15.28 min Scan# 4259

Delta R.T. -0.00 min

Lab File: VN061154.D

Acq: 27 Apr 2020 17:35

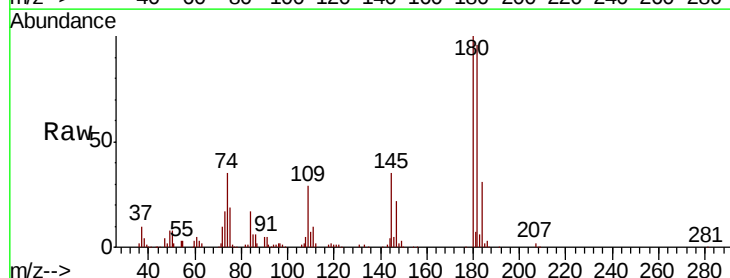
Tgt Ion:180 Resp: 193552

Ion Ratio Lower Upper

180 100

182 95.4 47.5 142.5

145 34.2 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

