

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD053019\
 Data File : VD062556.D
 Acq On : 30 May 2019 17:13
 Operator : VA/AP
 Sample : VSTDICV050
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Quant Time: May 31 02:32:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 02:08:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	898760	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.24	114	1142352	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.38	117	1019038	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	561498	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.48	65	554485	52.62	ug/l	0.00
Spiked Amount			Recovery	=	105.24%	
35) Dibromofluoromethane	6.95	113	585955	56.29	ug/l	0.00
Spiked Amount			Recovery	=	112.58%	
50) Toluene-d8	10.43	98	1232129	54.02	ug/l	0.00
Spiked Amount			Recovery	=	108.04%	
62) 4-Bromofluorobenzene	13.56	95	527461	51.28	ug/l	0.00
Spiked Amount			Recovery	=	102.56%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.58	85	505541	48.498	ug/l	97
3) Chloromethane	1.75	50	450337	44.727	ug/l	98
4) Vinyl Chloride	1.86	62	410685	51.577	ug/l	99
5) Bromomethane	2.16	94	163079	63.067	ug/l	96
6) Chloroethane	2.28	64	196680	52.674	ug/l	97
7) Trichlorofluoromethane	2.55	101	878830	52.227	ug/l	98
8) Diethyl Ether	2.88	74	120622	55.879	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.16	101	508594	51.182	ug/l	89
10) Methyl Iodide	3.31	142	692465	61.415	ug/l	99
11) Tert butyl alcohol	4.09	59	110704	246.293	ug/l #	93
12) 1,1-Dichloroethene	3.14	96	377054	53.638	ug/l	97
13) Acrolein	3.05	56	46933	239.640	ug/l	83
14) Allyl chloride	3.63	41	582509	53.049	ug/l	98
15) Acrylonitrile	4.21	53	290614	270.463	ug/l	94
16) Acetone	3.24	43	568175	274.408	ug/l	95
17) Carbon Disulfide	3.38	76	1192453	52.186	ug/l	97
18) Methyl Acetate	3.66	43	148451	43.927	ug/l	94
19) Methyl tert-butyl Ether	4.26	73	885296	51.988	ug/l	97
20) Methylene Chloride	3.84	84	365893	47.737	ug/l	98
21) trans-1,2-Dichloroethene	4.23	96	422342	52.943	ug/l	98
22) Diisopropyl ether	5.15	45	1149287	51.233	ug/l	98
23) Vinyl Acetate	5.09	43	3592811	264.102	ug/l	97
24) 1,1-Dichloroethane	5.01	63	748354	51.695	ug/l	98
25) 2-Butanone	6.10	43	500490	256.657	ug/l	94
26) 2,2-Dichloropropane	6.04	77	853586	53.151	ug/l	98
27) cis-1,2-Dichloroethene	6.06	96	456167	55.630	ug/l	94
28) Bromochloromethane	6.45	49	263043	52.585	ug/l	88
29) Tetrahydrofuran	6.48	42	222496	254.713	ug/l	97
30) Chloroform	6.68	83	895648	51.344	ug/l	96
31) Cyclohexane	6.98	56	491141	50.181	ug/l	94
32) 1,1,1-Trichloroethane	6.89	97	971625	53.521	ug/l	96
36) 1,1-Dichloropropene	7.16	75	654762	57.578	ug/l	96
37) Ethyl Acetate	6.21	43	249810	52.107	ug/l	97
38) Carbon Tetrachloride	7.13	117	1082551	63.941	ug/l	91

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

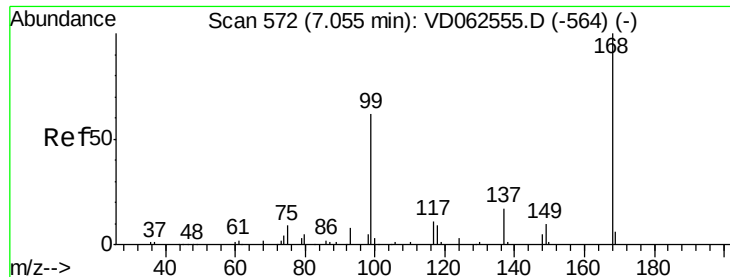
39) Methylcyclohexane	8.88	83	545247	56.633	ug/l	98
40) Benzene	7.48	78	1313433	58.848	ug/l	100
41) Methacrylonitrile	6.47	41	313655	55.596	ug/l	91
42) 1,2-Dichloroethane	7.60	62	711269	57.212	ug/l	97
43) Isopropyl Acetate	9.26	43	323622	54.236	ug/l #	96
44) Trichloroethene	8.56	130	497725	55.821	ug/l	97
45) 1,2-Dichloropropane	8.96	63	314768	57.524	ug/l	99
46) Dibromomethane	9.08	93	262605	57.135	ug/l	95
47) Bromodichloromethane	9.40	83	709096	55.994	ug/l	98
48) Methyl methacrylate	9.14	41	220333	55.441	ug/l	97
49) 1,4-Dioxane	9.09	88	40437	1252.687	ug/l #	87
51) 4-Methyl-2-Pentanone	10.32	43	1109329	266.478	ug/l	97
52) Toluene	10.52	92	877077	57.618	ug/l	98
53) t-1,3-Dichloropropene	10.93	75	630921	58.967	ug/l	98
54) cis-1,3-Dichloropropene	10.06	75	625456	56.226	ug/l	97
55) 1,1,2-Trichloroethane	11.21	97	266325	53.284	ug/l	97
56) Ethyl methacrylate	11.06	69	324568	60.925	ug/l	96
57) 1,3-Dichloropropane	11.43	76	436081	56.596	ug/l	93
58) 2-Chloroethyl Vinyl ether	9.87	63	676022	247.427	ug/l	98
59) 2-Hexanone	11.54	43	846871	290.027	ug/l	97
60) Dibromochloromethane	11.70	129	543918	55.999	ug/l	100
61) 1,2-Dibromoethane	11.82	107	353783	58.840	ug/l	98
64) Tetrachloroethene	11.28	164	449808	49.933	ug/l	95
65) Chlorobenzene	12.41	112	1042566	52.517	ug/l	96
66) 1,1,1,2-Tetrachloroethane	12.53	131	491943	52.398	ug/l	96
67) Ethyl Benzene	12.54	91	1880080	51.690	ug/l	97
68) m/p-Xylenes	12.68	106	1366356	108.595	ug/l	98
69) o-Xylene	13.06	106	612862	51.061	ug/l	90
70) Styrene	13.08	104	1023860	50.239	ug/l	95
71) Bromoform	13.25	173	349324	53.003	ug/l	92
73) Isopropylbenzene	13.41	105	1921698	51.913	ug/l	100
74) N-amyl acetate	13.28	43	483083	51.182	ug/l	99
75) 1,1,2,2-Tetrachloroethane	13.71	83	310824	52.944	ug/l	97
76) 1,2,3-Trichloropropane	13.74	75	367255	54.518	ug/l	94
77) Bromobenzene	13.68	156	492987	48.573	ug/l	91
78) n-propylbenzene	13.79	91	2250563	52.746	ug/l	94
79) 2-Chlorotoluene	13.85	91	1299911	52.542	ug/l	96
80) 1,3,5-Trimethylbenzene	13.95	105	1518875	48.018	ug/l	94
81) trans-1,4-Dichloro-2-buten	13.48	75	94498	48.956	ug/l	89
82) 4-Chlorotoluene	13.96	91	1464878	49.458	ug/l	95
83) tert-Butylbenzene	14.20	119	1732238	49.079	ug/l	91
84) 1,2,4-Trimethylbenzene	14.25	105	1542152	47.846	ug/l	95
85) sec-Butylbenzene	14.38	105	1943803	51.988	ug/l	100
86) p-Isopropyltoluene	14.50	119	1812465	51.885	ug/l	99
87) 1,3-Dichlorobenzene	14.47	146	932583	53.007	ug/l	98
88) 1,4-Dichlorobenzene	14.55	146	923633	52.387	ug/l	99
89) n-Butylbenzene	14.80	91	1686306	54.077	ug/l	99
90) Hexachloroethane	15.02	117	485159	52.350	ug/l	98
91) 1,2-Dichlorobenzene	14.81	146	788944	53.306	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	15.39	75	63209	51.924	ug/l #	54

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	579030	48.928	ug/l	99
94) Hexachlorobutadiene	16.04	225	450116	51.523	ug/l	99
95) Naphthalene	16.13	128	830614	51.538	ug/l	99
96) 1,2,3-Trichlorobenzene	16.28	180	427949	48.410	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.07 min Scan# 573

Delta R.T. 0.01 min

Lab File: VD062556.D

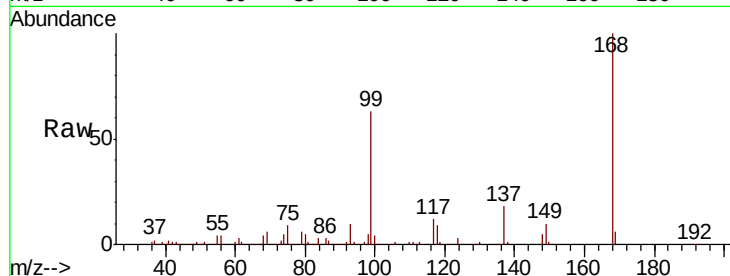
Acq: 30 May 2019 17:13

Tot Ion:168 Resp: 898760

Ion Ratio Lower Upper

168 100

99 63.2 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.07

300000

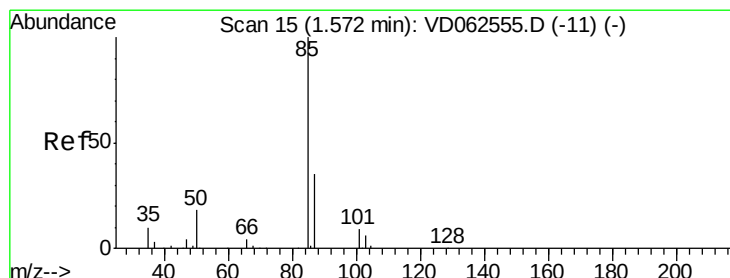
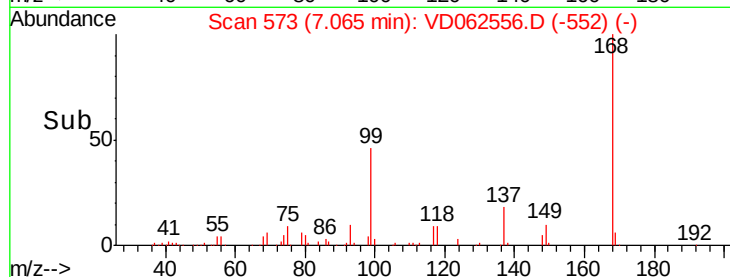
200000

100000

0

6.90 7.00 7.10 7.20

Time-->



#2

Dichlorodifluoromethane

Concen: 48.498 ug/l

RT: 1.58 min Scan# 16

Delta R.T. 0.01 min

Lab File: VD062556.D

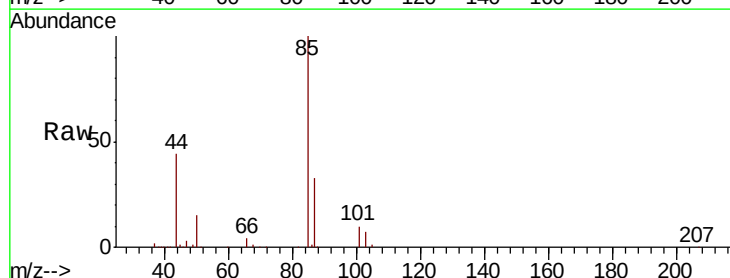
Acq: 30 May 2019 17:13

Tgt Ion: 85 Resp: 505541

Ion Ratio Lower Upper

85 100

87 33.3 17.5 52.6



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.58

250000

200000

150000

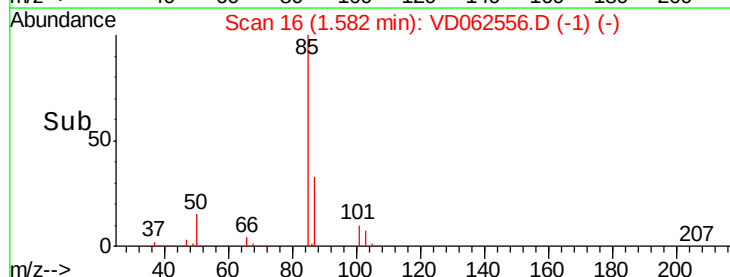
100000

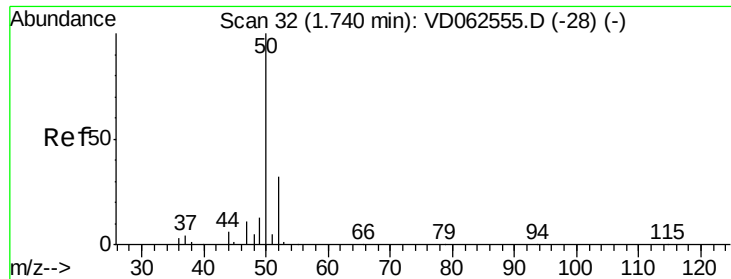
50000

0

1.50 1.60 1.70 1.80

Time-->





#3

Chloromethane

Concen: 44.727 ug/l

RT: 1.75 min Scan# 33

Delta R.T. 0.01 min

Lab File: VD062556.D

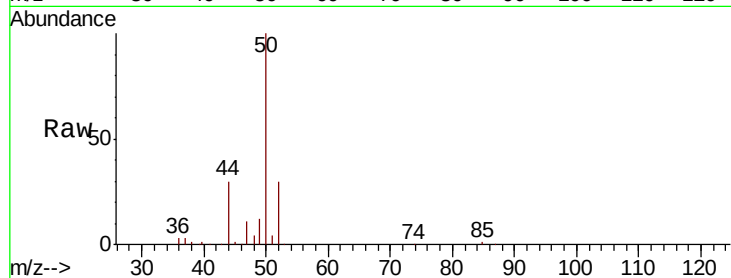
Acq: 30 May 2019 17:13

Tot Ion: 50 Resp: 450337

Ion Ratio Lower Upper

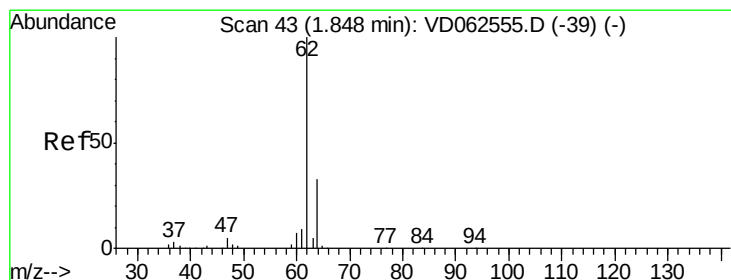
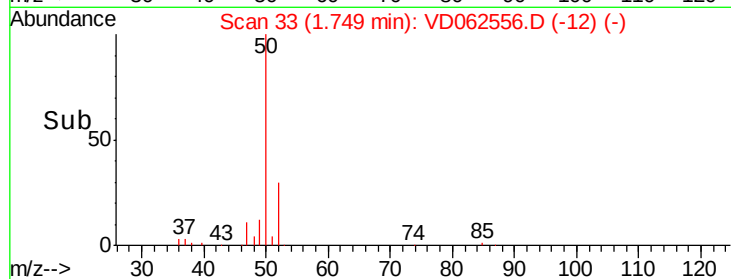
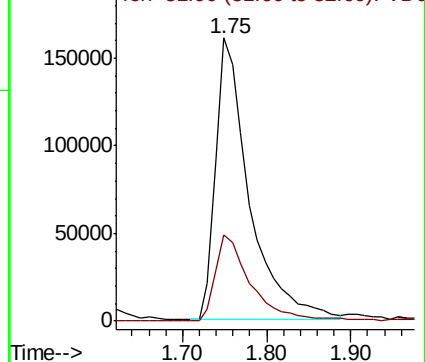
50 100

52 30.4 25.4 38.2



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 51.577 ug/l

RT: 1.86 min Scan# 44

Delta R.T. 0.01 min

Lab File: VD062556.D

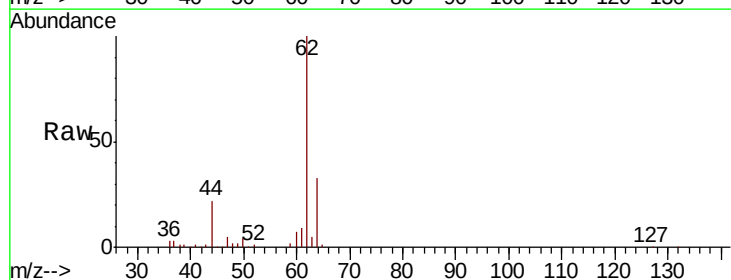
Acq: 30 May 2019 17:13

Tgt Ion: 62 Resp: 410685

Ion Ratio Lower Upper

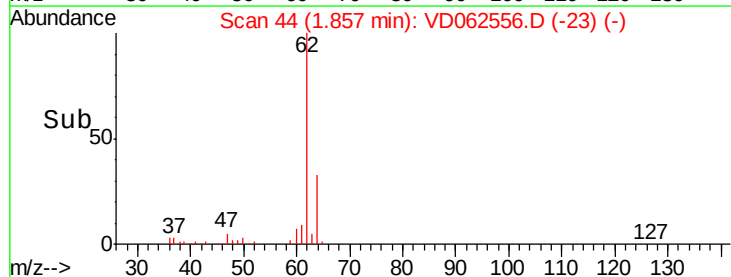
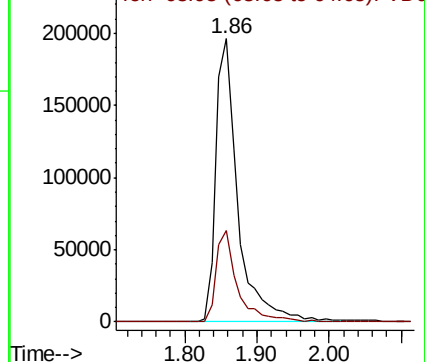
62 100

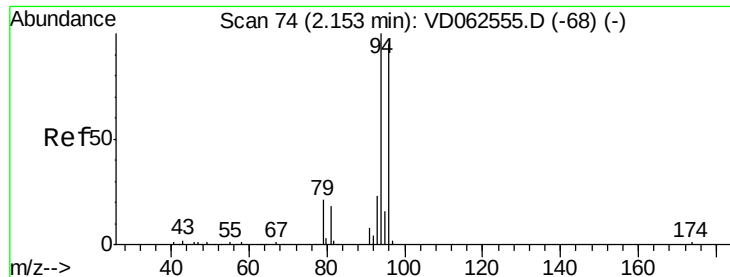
64 32.5 26.5 39.7



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC





#5

Bromomethane

Concen: 63.067 ug/l

RT: 2.16 min Scan# 75

Delta R.T. 0.01 min

Lab File: VD062556.D

Acq: 30 May 2019 17:13

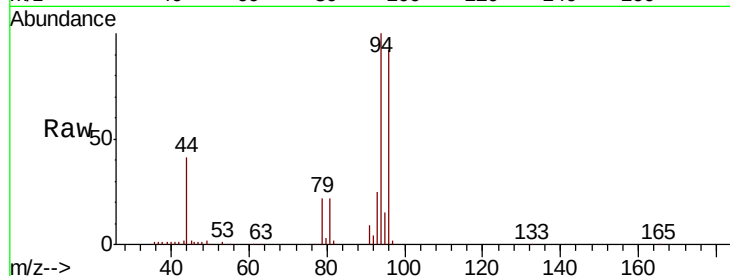
Tot Ion: 94 Resp: 163079

Ion Ratio Lower Upper

94 100

96 91.6 76.2 114.4

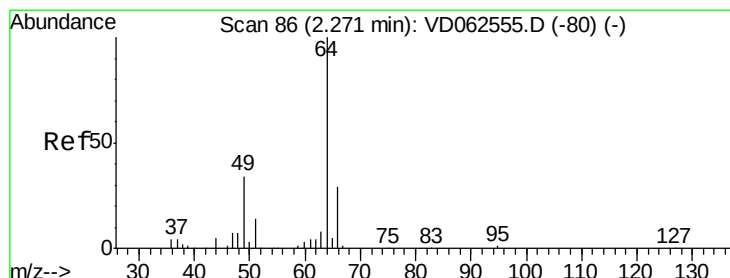
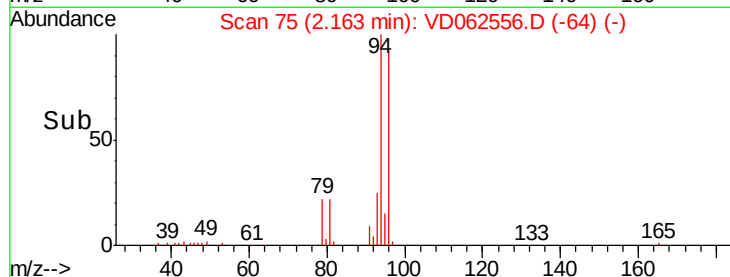
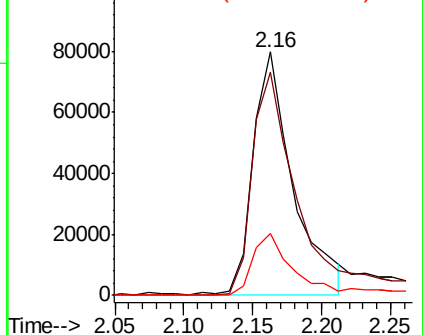
93 25.2 18.4 27.6



Abundance Ion 94.00 (93.70 to 94.70): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC



#6

Chloroethane

Concen: 52.674 ug/l

RT: 2.28 min Scan# 87

Delta R.T. 0.01 min

Lab File: VD062556.D

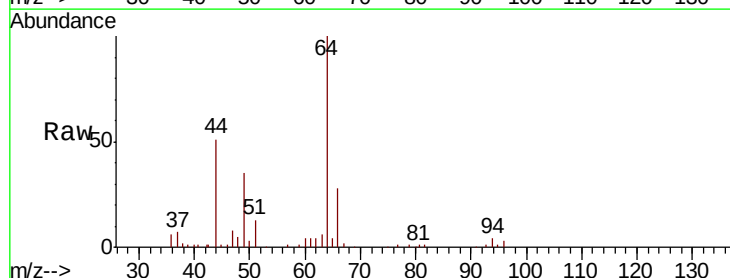
Acq: 30 May 2019 17:13

Tgt Ion: 64 Resp: 196680

Ion Ratio Lower Upper

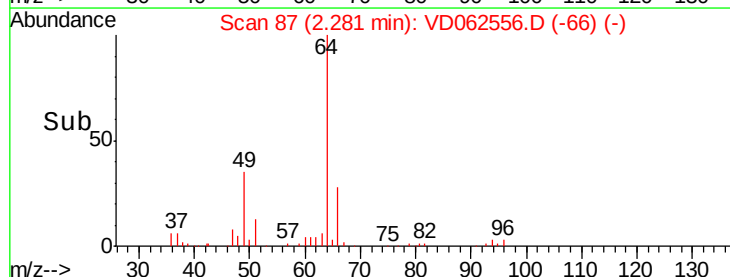
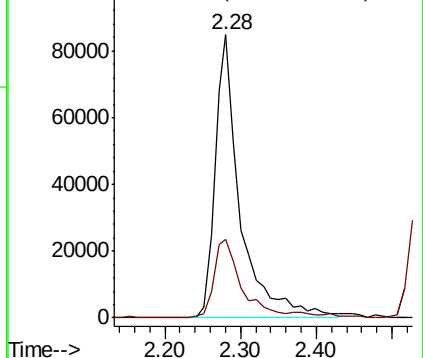
64 100

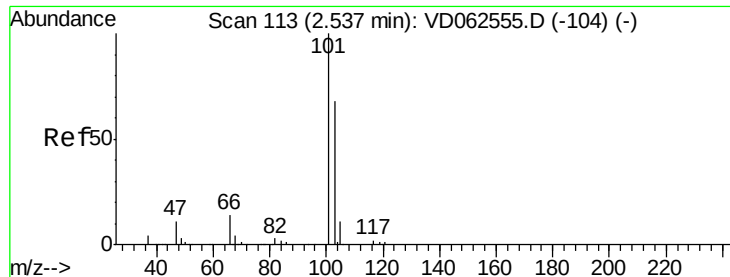
66 27.8 23.4 35.2



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC

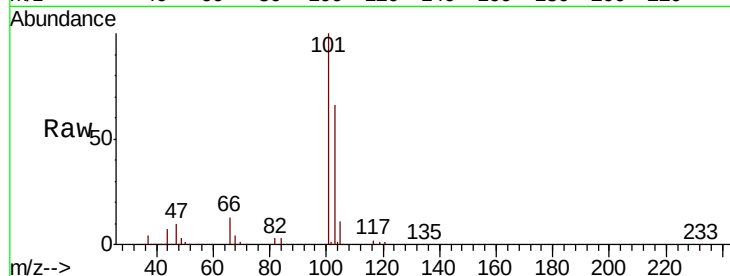




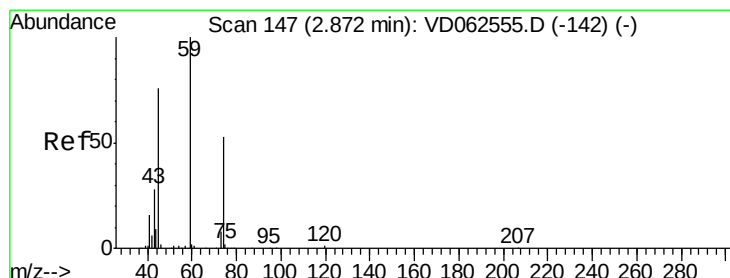
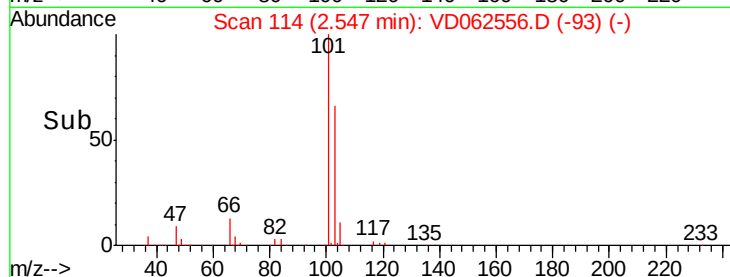
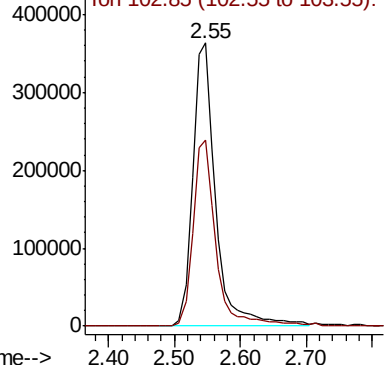
#7

Trichlorofluoromethane
Concen: 52.227 ug/l
RT: 2.55 min Scan# 114
Delta R.T. 0.01 min
Lab File: VD062556.D
Acq: 30 May 2019 17:13

Tot Ion:101 Resp: 878830
Ion Ratio Lower Upper
101 100
103 65.9 54.3 81.5



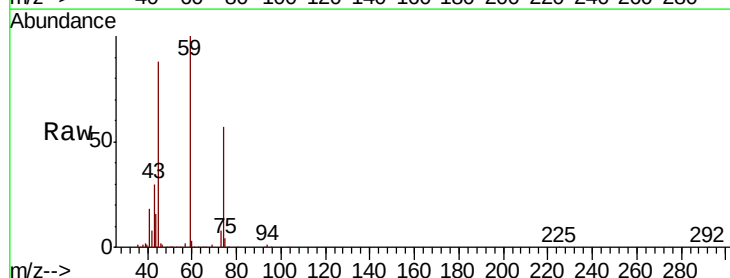
Abundance Ion 100.85 (100.55 to 101.55): V
Ion 102.85 (102.55 to 103.55): V



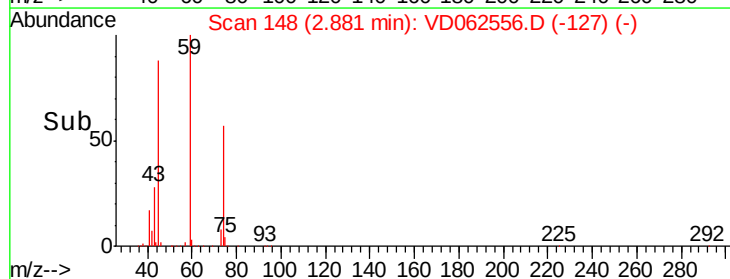
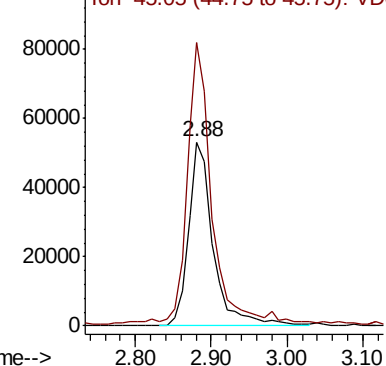
#8

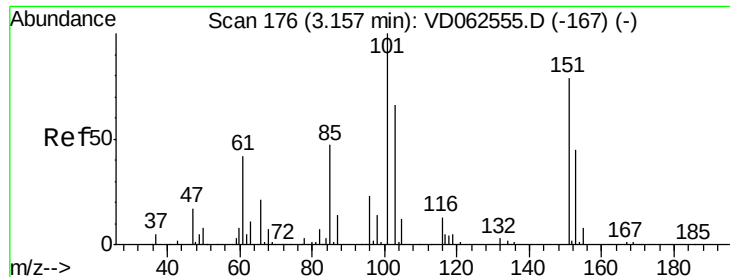
Diethyl Ether
Concen: 55.879 ug/l
RT: 2.88 min Scan# 148
Delta R.T. 0.01 min
Lab File: VD062556.D
Acq: 30 May 2019 17:13

Tgt Ion: 74 Resp: 120622
Ion Ratio Lower Upper
74 100
45 154.1 71.9 215.7



Abundance Ion 74.00 (73.70 to 74.70): VDC
Ion 45.05 (44.75 to 45.75): VDC





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.182 ug/l

RT: 3.16 min Scan# 176

Delta R.T. -0.00 min

Lab File: VD062556.D

Acq: 30 May 2019 17:13

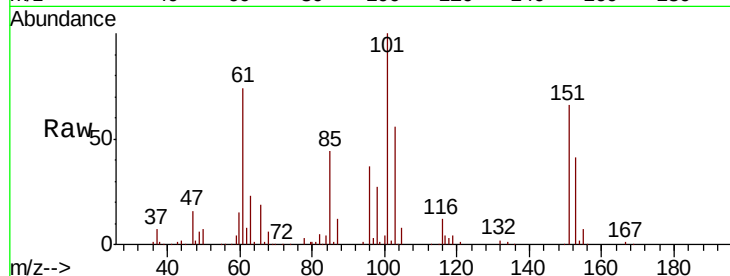
Tot Ion:101 Resp: 508594

Ion Ratio Lower Upper

101 100

85 44.1 37.6 56.4

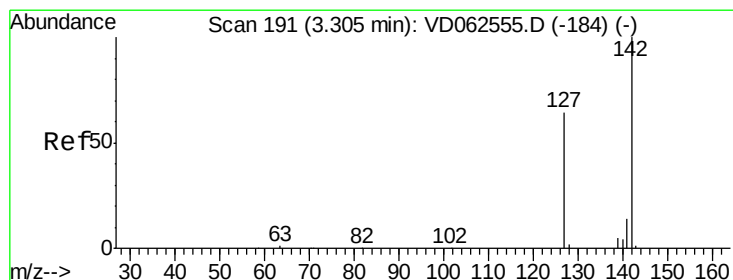
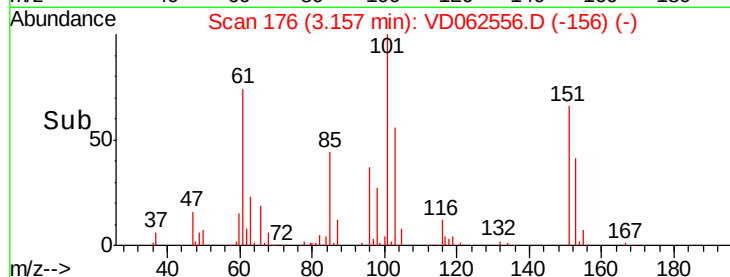
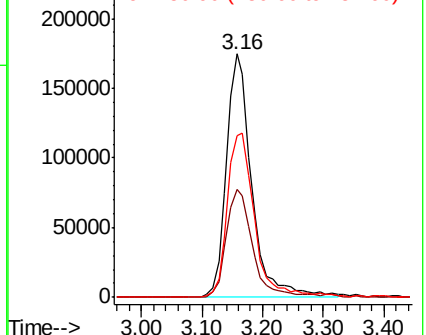
151 66.2 63.0 94.4



Abundance Ion 100.85 (100.55 to 101.55): V

Ion 84.95 (84.65 to 85.65): V

Ion 150.90 (150.60 to 151.60): V



#10

Methyl Iodide

Concen: 61.415 ug/l

RT: 3.31 min Scan# 192

Delta R.T. 0.01 min

Lab File: VD062556.D

Acq: 30 May 2019 17:13

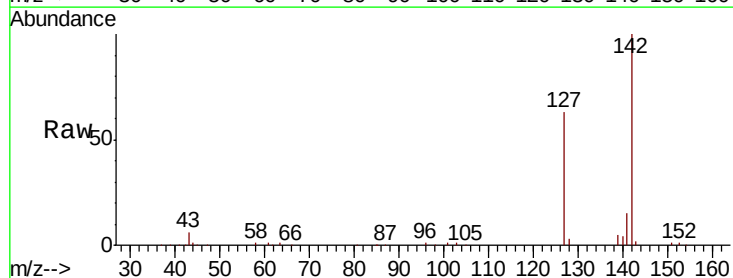
Tgt Ion:142 Resp: 692465

Ion Ratio Lower Upper

142 100

127 63.4 51.2 76.8

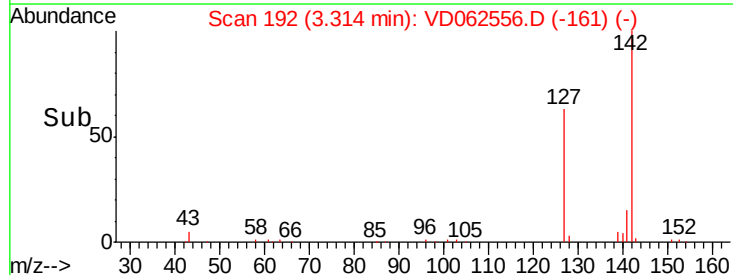
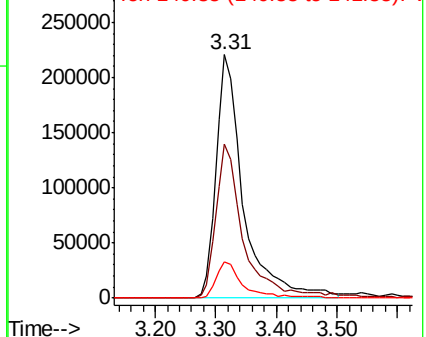
141 15.1 11.0 16.4

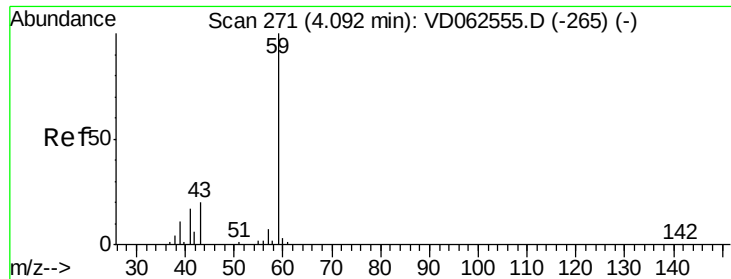


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.85 (140.55 to 141.55): V

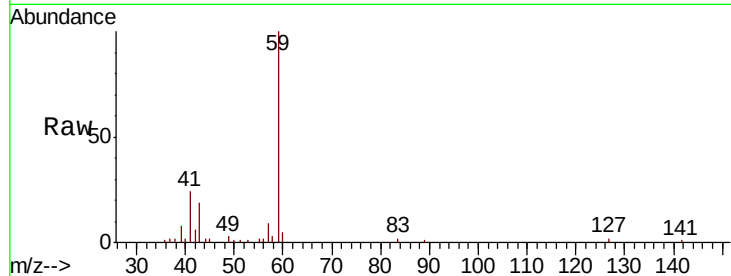




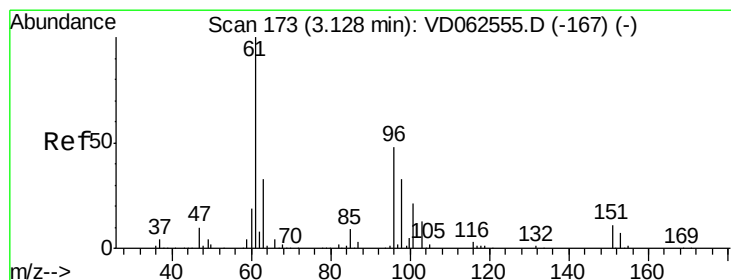
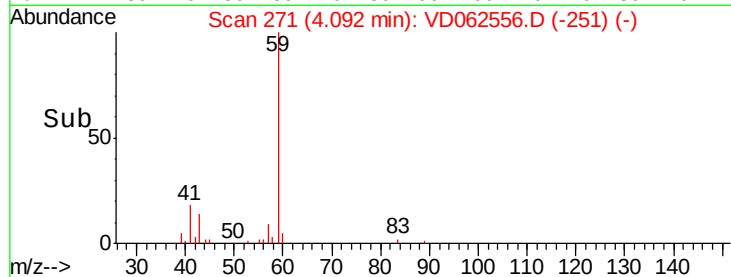
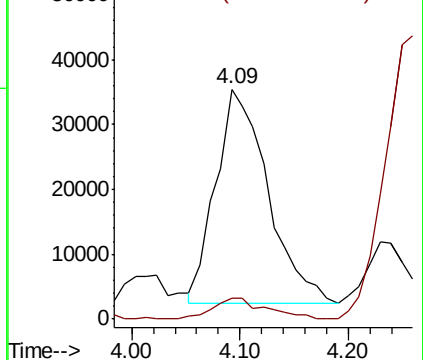
#11

Tert butyl alcohol
 Concen: 246.293 ug/l
 RT: 4.09 min Scan# 271
 Delta R.T. -0.00 min
 Lab File: VD062556.D
 Acq: 30 May 2019 17:13

Tot Ion: 59 Resp: 110704
 Ion Ratio Lower Upper
 59 100
 57 9.0 5.4 8.0#



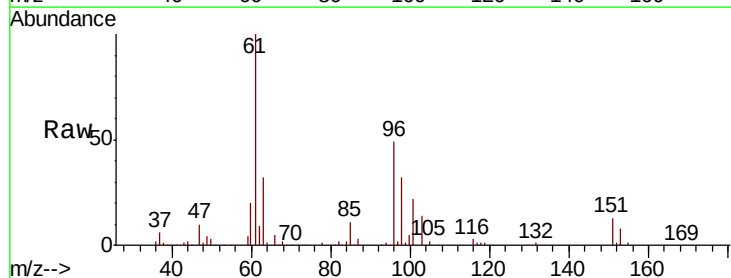
Abundance Ion 58.95 (58.65 to 59.65): VDC
 Ion 56.95 (56.65 to 57.65): VDC



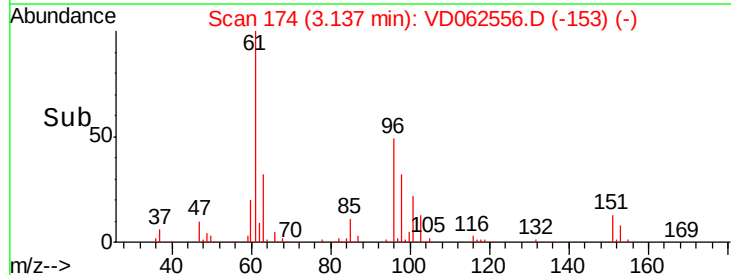
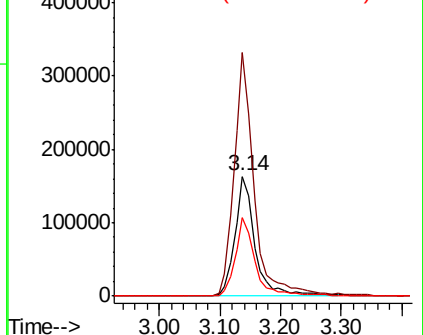
#12

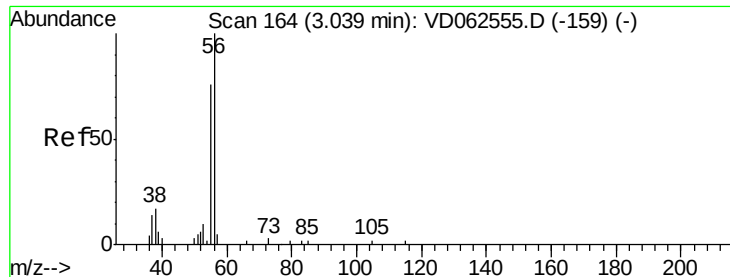
1,1-Dichloroethene
 Concen: 53.638 ug/l
 RT: 3.14 min Scan# 174
 Delta R.T. 0.01 min
 Lab File: VD062556.D
 Acq: 30 May 2019 17:13

Tgt Ion: 96 Resp: 377054
 Ion Ratio Lower Upper
 96 100
 61 203.1 166.6 250.0
 98 65.2 54.4 81.6



Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.95 (60.65 to 61.65): VDC
 Ion 97.85 (97.55 to 98.55): VDC





#13

Acrolein

Concen: 239.640 ug/l

RT: 3.05 min Scan# 165

Delta R.T. 0.01 min

Lab File: VD062556.D

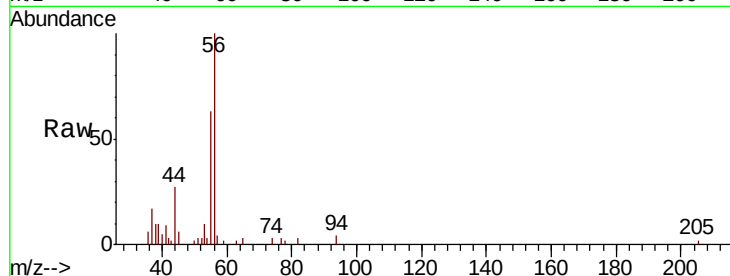
Acq: 30 May 2019 17:13

Tot Ion: 56 Resp: 46933

Ion Ratio Lower Upper

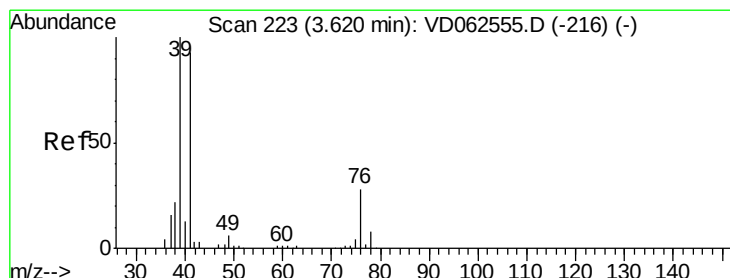
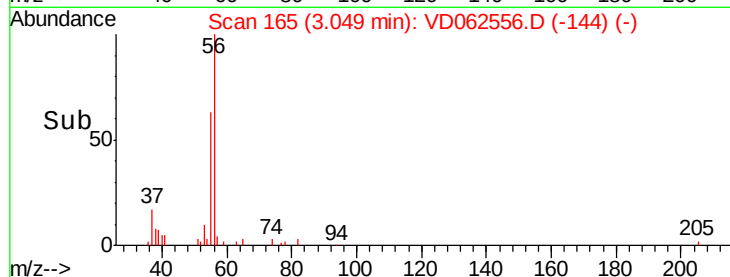
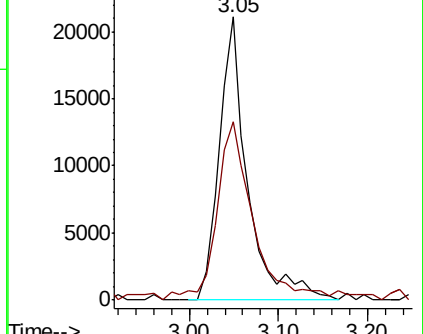
56 100

55 63.1 62.6 93.8



Abundance Ion 55.95 (55.65 to 56.65): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 53.049 ug/l

RT: 3.63 min Scan# 224

Delta R.T. 0.01 min

Lab File: VD062556.D

Acq: 30 May 2019 17:13

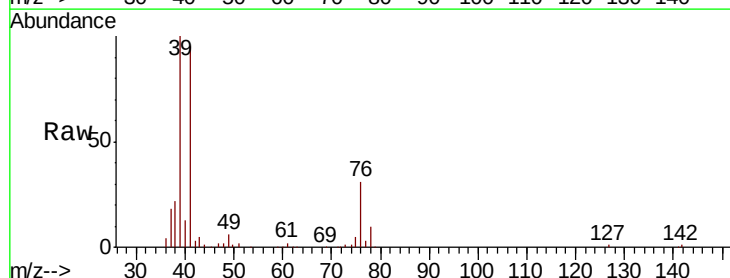
Tgt Ion: 41 Resp: 582509

Ion Ratio Lower Upper

41 100

39 105.3 86.3 129.5

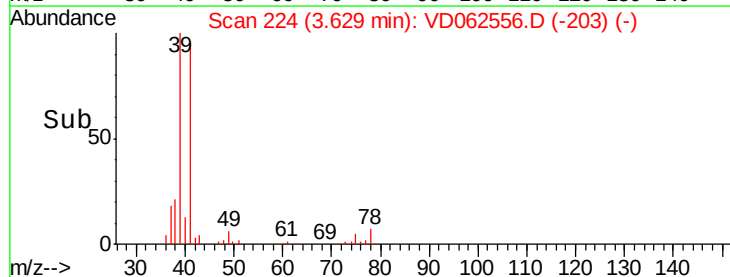
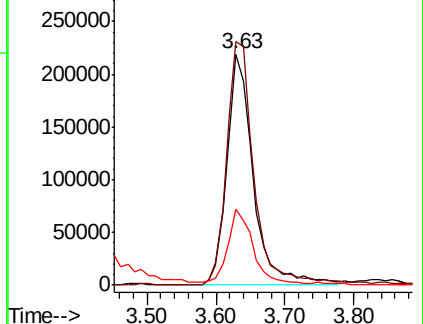
76 32.6 25.5 38.3

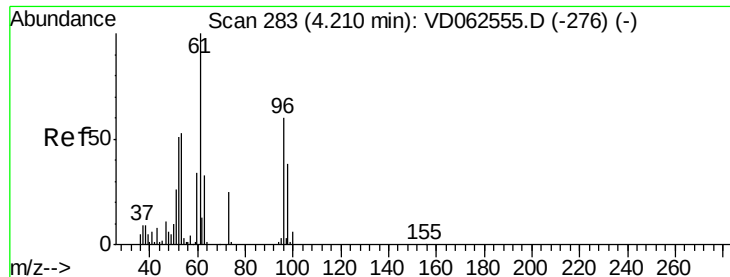


Abundance Ion 41.05 (40.75 to 41.75): VDC

Ion 38.95 (38.65 to 39.65): VDC

Ion 75.95 (75.65 to 76.65): VDC





#15

Acrylonitrile

Concen: 270.463 ug/l

RT: 4.21 min Scan# 283

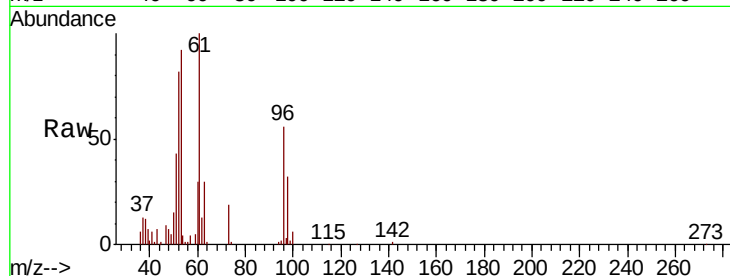
Delta R.T. -0.00 min

Lab File: VD062556.D

Acq: 30 May 2019 17:13

Tot Ion: 53 Resp: 290614

Ion	Ratio	Lower	Upper
53	100		
52	89.5	76.2	114.2
51	46.9	40.2	60.4

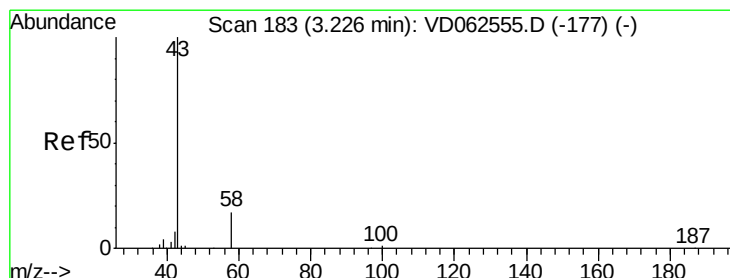
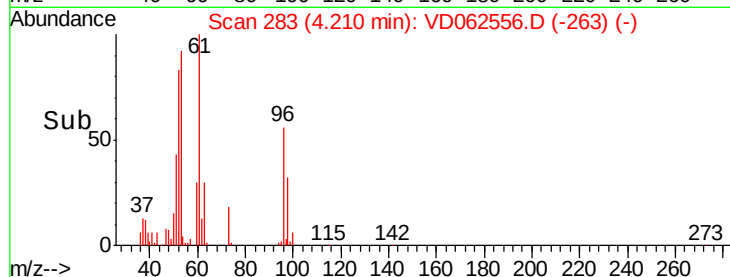
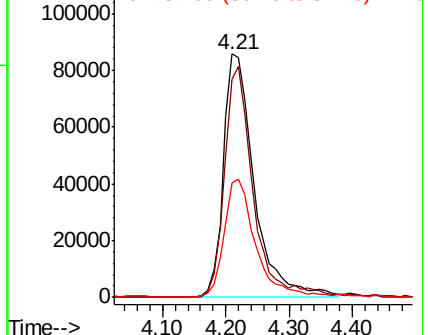


Abundance

Ion 53.00 (52.70 to 53.70): VDC

Ion 52.00 (51.70 to 52.70): VDC

Ion 51.00 (50.70 to 51.70): VDC



#16

Acetone

Concen: 274.408 ug/l

RT: 3.24 min Scan# 184

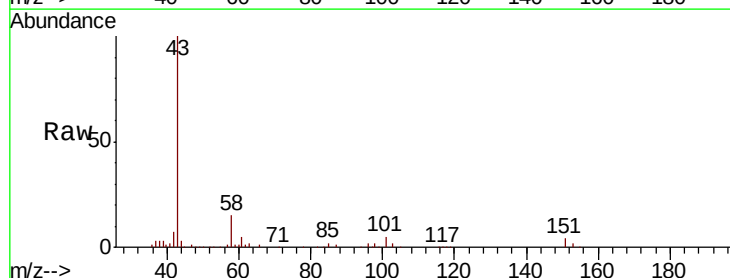
Delta R.T. 0.01 min

Lab File: VD062556.D

Acq: 30 May 2019 17:13

Tgt Ion: 43 Resp: 568175

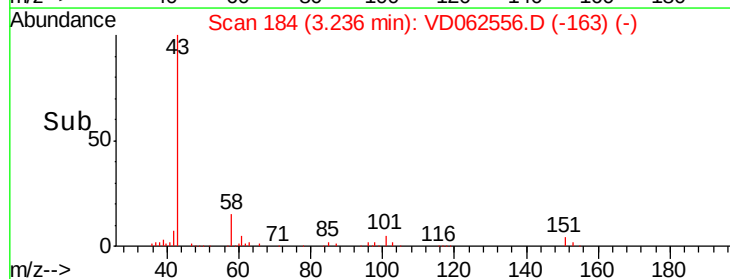
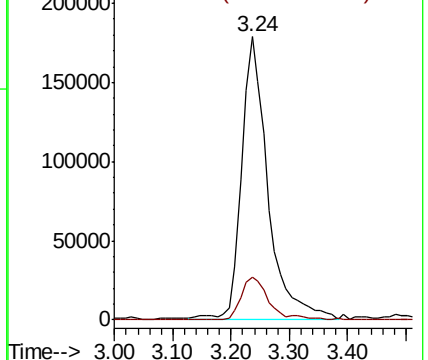
Ion	Ratio	Lower	Upper
43	100		
58	15.0	13.8	20.8

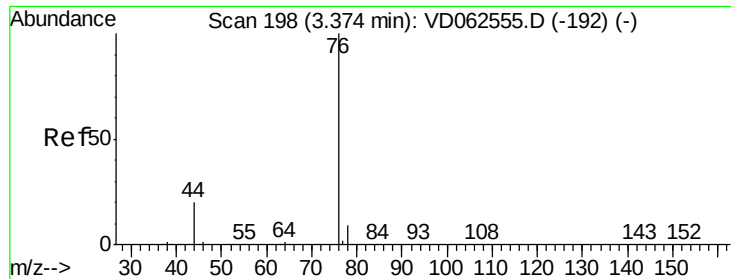


Abundance

Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#17

Carbon Disulfide

Concen: 52.186 ug/l

RT: 3.38 min Scan# 199

Delta R.T. 0.01 min

Lab File: VD062556.D

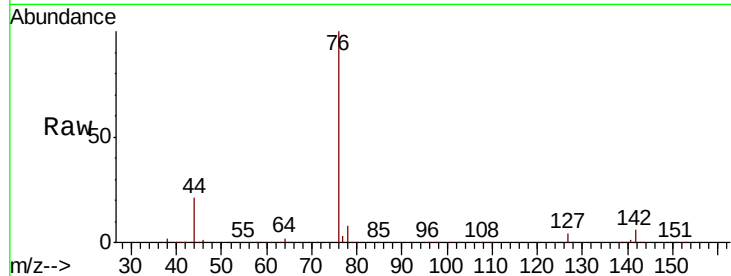
Acq: 30 May 2019 17:13

Tot Ion: 76 Resp: 1192453

Ion Ratio Lower Upper

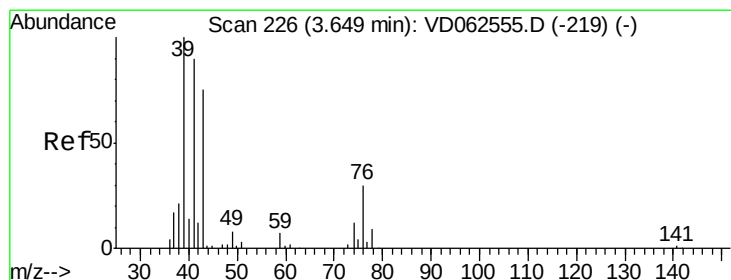
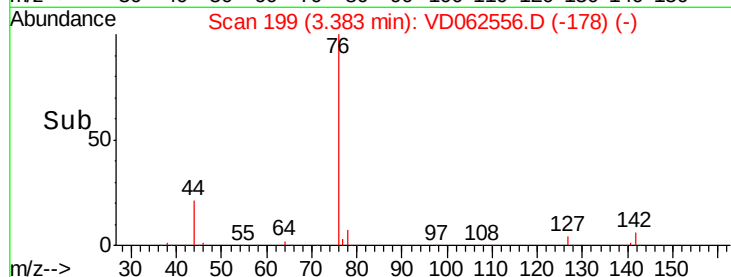
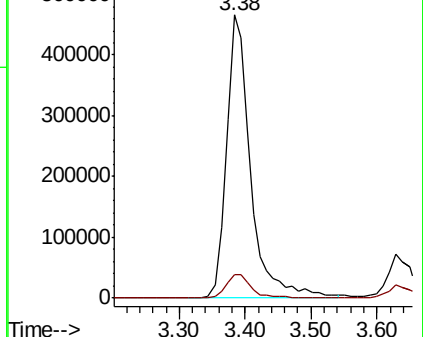
76 100

78 8.2 7.4 11.2



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC



#18

Methyl Acetate

Concen: 43.927 ug/l

RT: 3.66 min Scan# 227

Delta R.T. 0.01 min

Lab File: VD062556.D

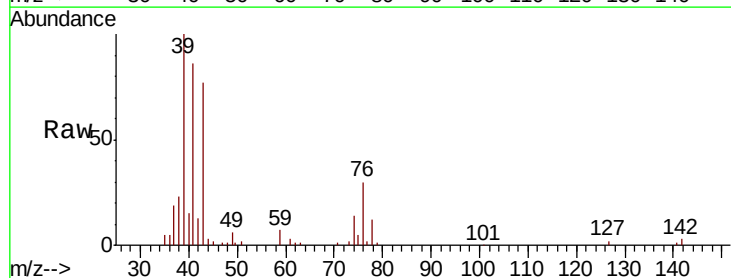
Acq: 30 May 2019 17:13

Tgt Ion: 43 Resp: 148451

Ion Ratio Lower Upper

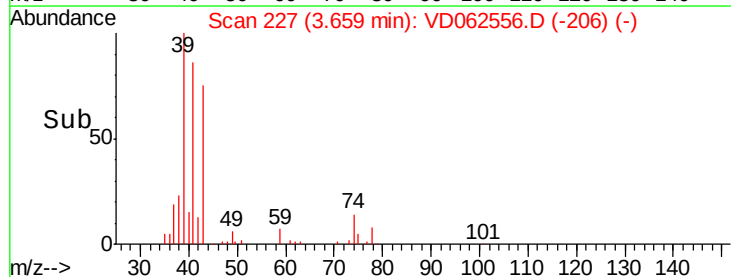
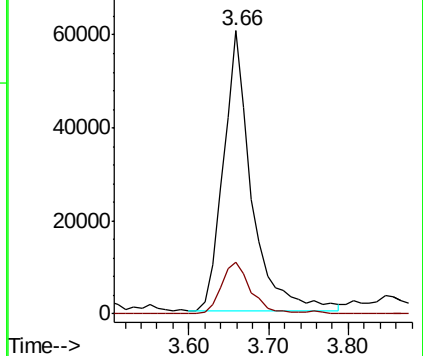
43 100

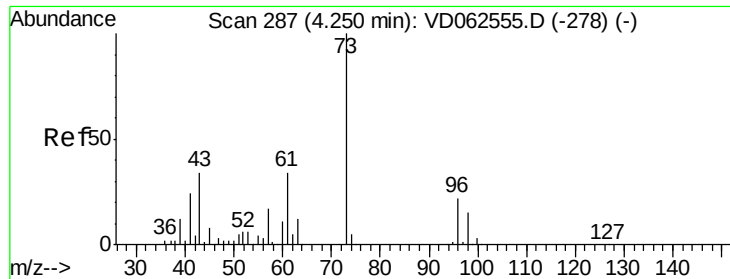
74 18.2 12.5 18.7



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC

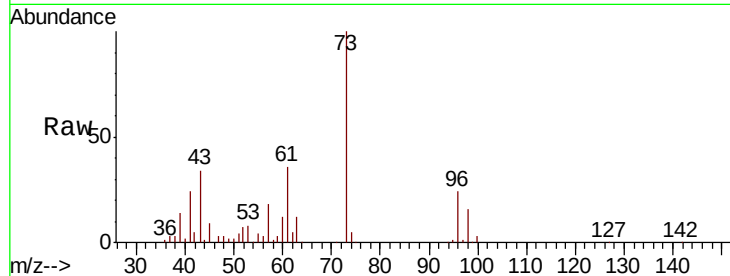




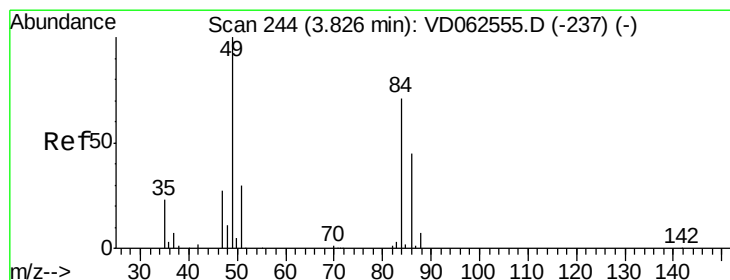
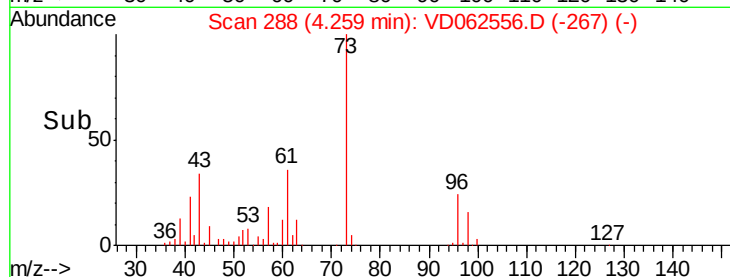
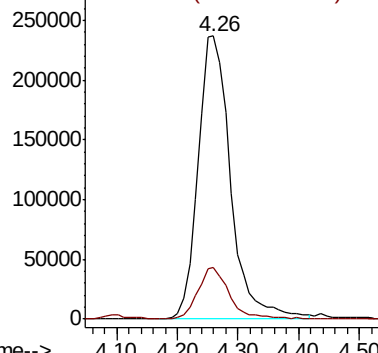
#19

Methyl tert-butyl Ether
 Concen: 51.988 ug/l
 RT: 4.26 min Scan# 288
 Delta R.T. 0.01 min
 Lab File: VD062556.D
 Acq: 30 May 2019 17:13

Tot Ion: 73 Resp: 885296
 Ion Ratio Lower Upper
 73 100
 57 18.4 13.8 20.8



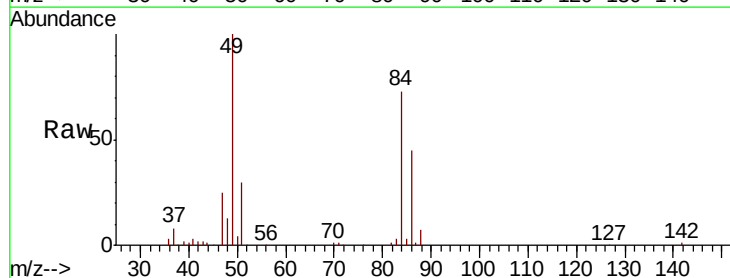
Abundance Ion 73.00 (72.70 to 73.70): VDC
 Ion 57.05 (56.75 to 57.75): VDC



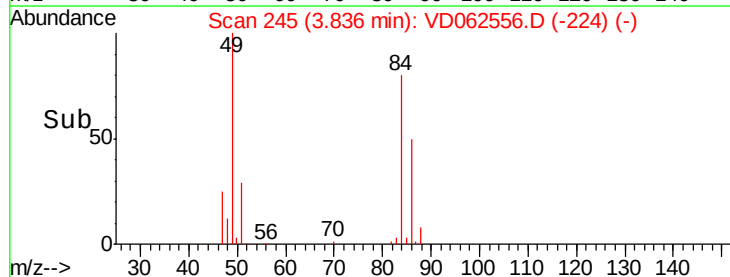
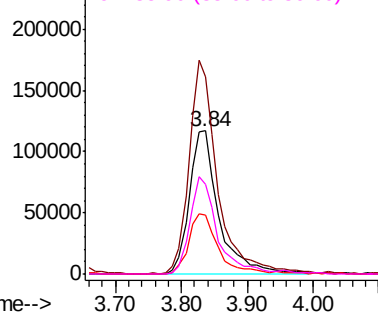
#20

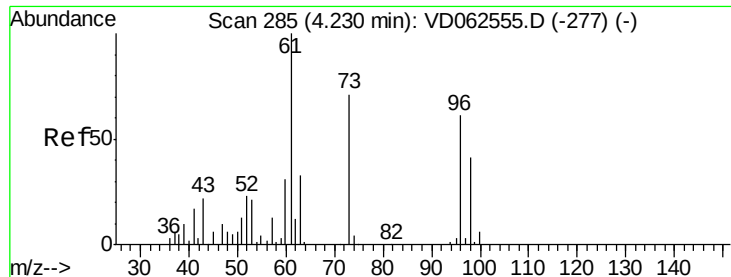
Methylene Chloride
 Concen: 47.737 ug/l
 RT: 3.84 min Scan# 245
 Delta R.T. 0.01 min
 Lab File: VD062556.D
 Acq: 30 May 2019 17:13

Tgt Ion: 84 Resp: 365893
 Ion Ratio Lower Upper
 84 100
 49 137.9 112.3 168.5
 51 40.8 33.6 50.4
 86 62.7 50.4 75.6



Abundance Ion 83.95 (83.65 to 84.65): VDC
 Ion 48.90 (48.60 to 49.60): VDC
 Ion 50.90 (50.60 to 51.60): VDC
 Ion 85.90 (85.60 to 86.60): VDC





#21

trans-1,2-Dichloroethene

Concen: 52.943 ug/l

RT: 4.23 min Scan# 285

Delta R.T. -0.00 min

Lab File: VD062556.D

Acq: 30 May 2019 17:13

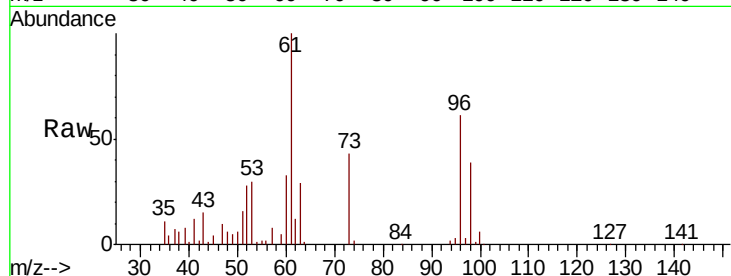
Tot Ion: 96 Resp: 422342

Ion Ratio Lower Upper

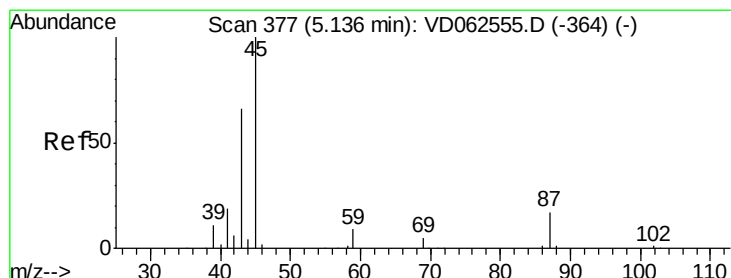
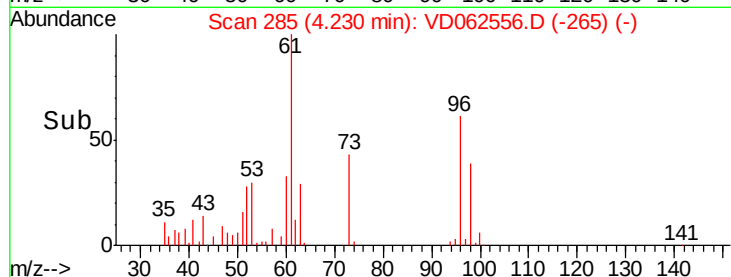
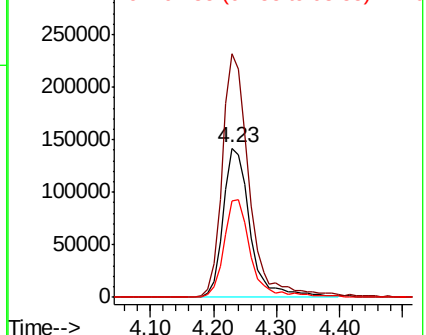
96 100

61 163.1 131.1 196.7

98 64.4 54.2 81.4



Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 97.85 (97.55 to 98.55): VDC



#22

Diisopropyl ether

Concen: 51.233 ug/l

RT: 5.15 min Scan# 378

Delta R.T. 0.01 min

Lab File: VD062556.D

Acq: 30 May 2019 17:13

Tgt Ion: 45 Resp: 1149287

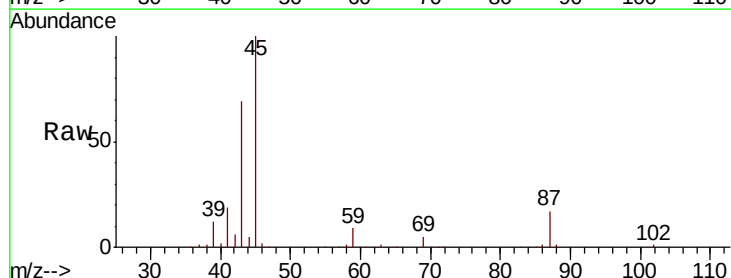
Ion Ratio Lower Upper

45 100

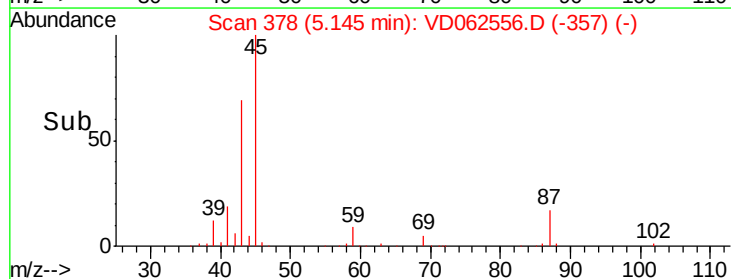
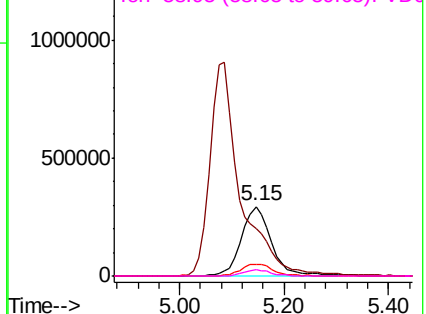
43 68.6 53.6 80.4

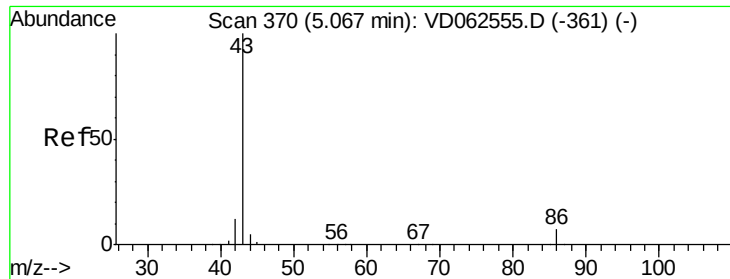
87 17.0 14.2 21.4

59 9.4 7.3 10.9



Abundance Ion 45.05 (44.75 to 45.75): VDC
Ion 43.05 (42.75 to 43.75): VDC
Ion 87.00 (86.70 to 87.70): VDC
Ion 58.95 (58.65 to 59.65): VDC





#23

Vinyl Acetate

Concen: 264.102 ug/l

RT: 5.09 min Scan# 372

Delta R.T. 0.02 min

Lab File: VD062556.D

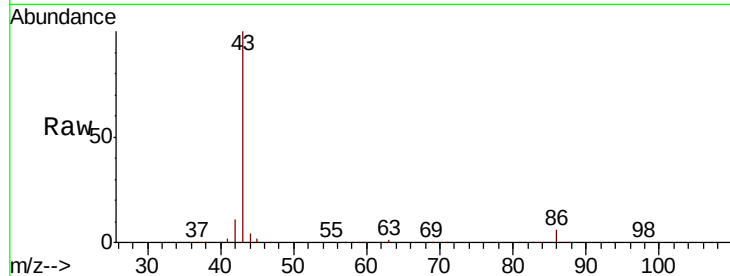
Acq: 30 May 2019 17:13

Tot Ion: 43 Resp: 3592811

Ion Ratio Lower Upper

43 100

86 5.8 5.5 8.3



Abundance Ion 42.95 (42.65 to 43.65): VD062556.D (-372) (-)

Ion 86.00 (85.70 to 86.70): VD062556.D (-372) (-)

5.09

1000000

800000

600000

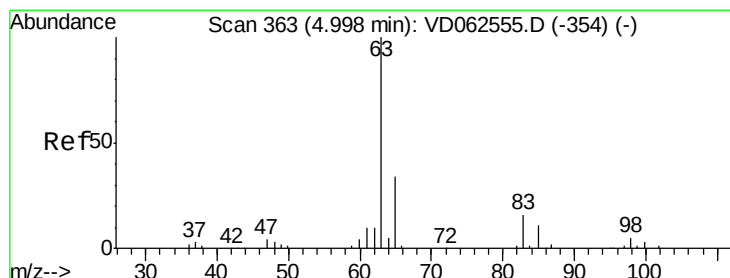
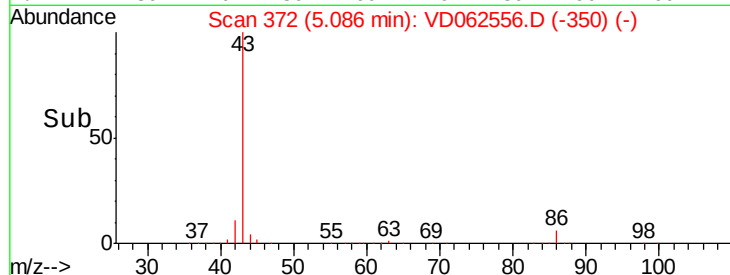
400000

200000

0

Time-->

4.90 5.00 5.10 5.20 5.30



#24

1,1-Dichloroethane

Concen: 51.695 ug/l

RT: 5.01 min Scan# 364

Delta R.T. 0.01 min

Lab File: VD062556.D

Acq: 30 May 2019 17:13

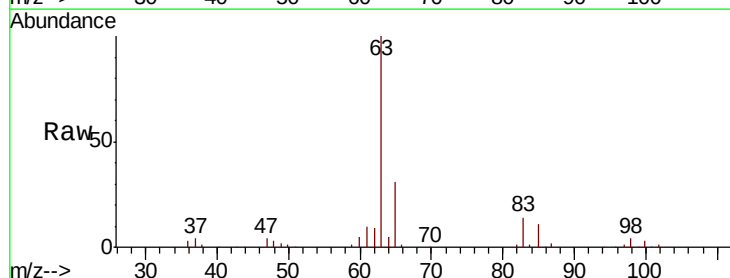
Tgt Ion: 63 Resp: 748354

Ion Ratio Lower Upper

63 100

98 4.3 2.5 7.5

100 3.3 1.6 4.7



Abundance Ion 62.95 (62.65 to 63.65): VD062556.D (-364) (-)

Ion 97.95 (97.65 to 98.65): VD062556.D (-364) (-)

Ion 99.95 (99.65 to 100.65): VD062556.D (-364) (-)

5.01

250000

200000

150000

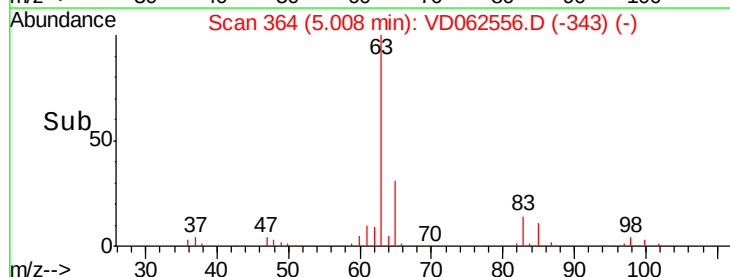
100000

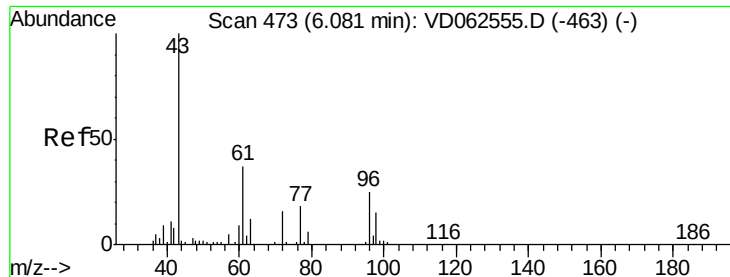
50000

0

Time-->

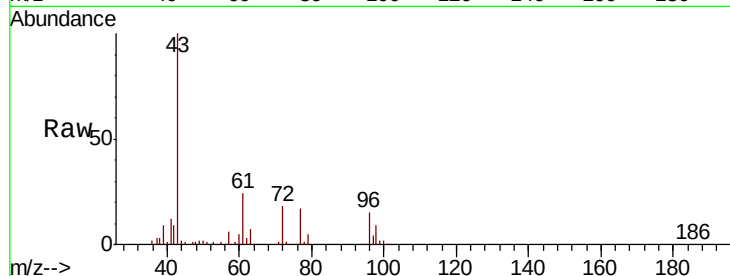
4.80 4.90 5.00 5.10 5.20



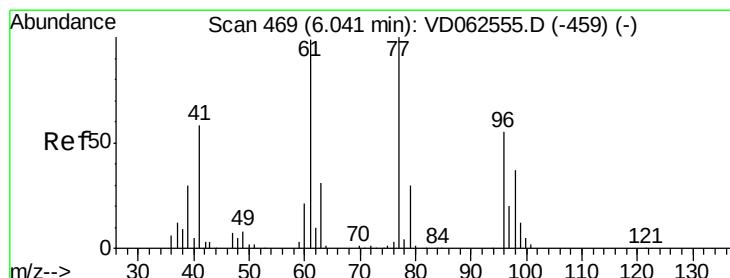
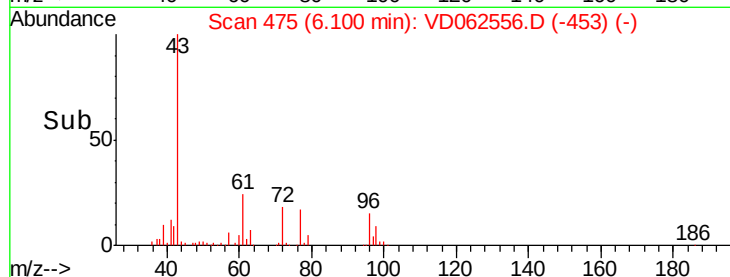
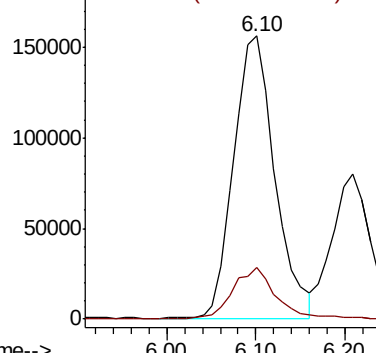


#25
2-Butanone
Concen: 256.657 ug/l
RT: 6.10 min Scan# 475
Delta R.T. 0.02 min
Lab File: VD062556.D
Acq: 30 May 2019 17:13

Tot Ion: 43 Resp: 500490
Ion Ratio Lower Upper
43 100
72 18.2 12.7 19.1

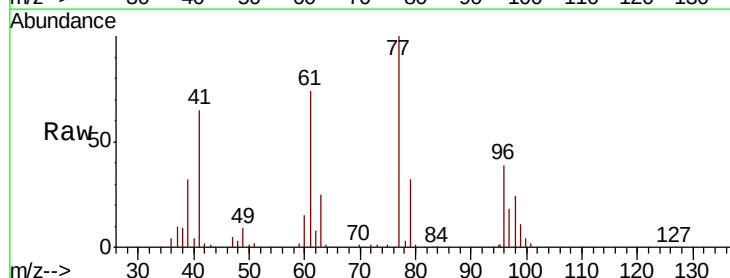


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 72.00 (71.70 to 72.70): VDC

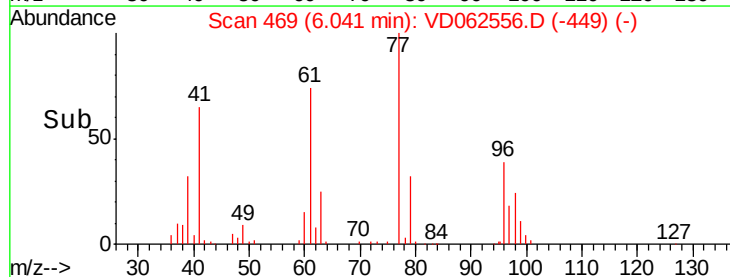
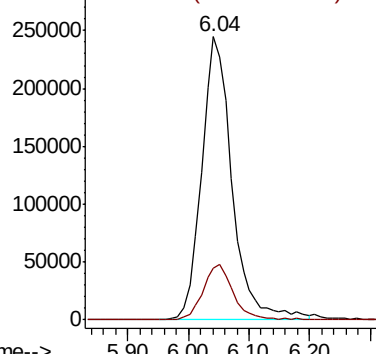


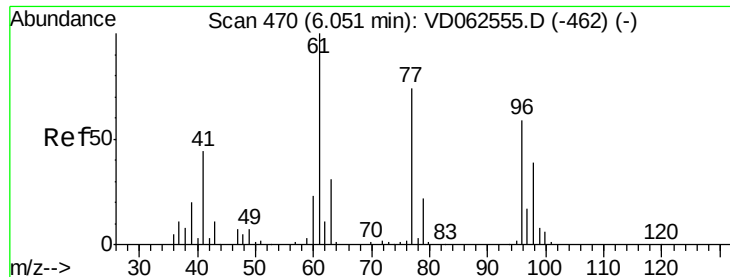
#26
2,2-Dichloropropane
Concen: 53.151 ug/l
RT: 6.04 min Scan# 469
Delta R.T. -0.00 min
Lab File: VD062556.D
Acq: 30 May 2019 17:13

Tgt Ion: 77 Resp: 853586
Ion Ratio Lower Upper
77 100
97 18.4 9.8 29.3



Abundance Ion 76.95 (76.65 to 77.65): VDC
Ion 96.85 (96.55 to 97.55): VDC

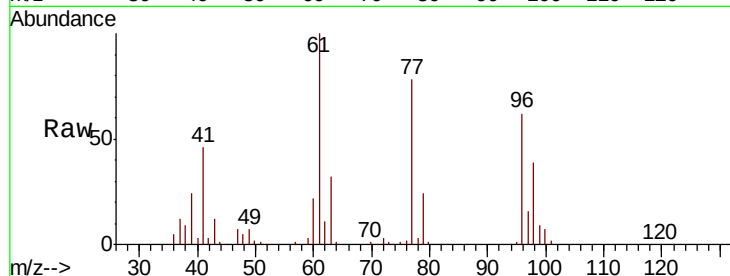




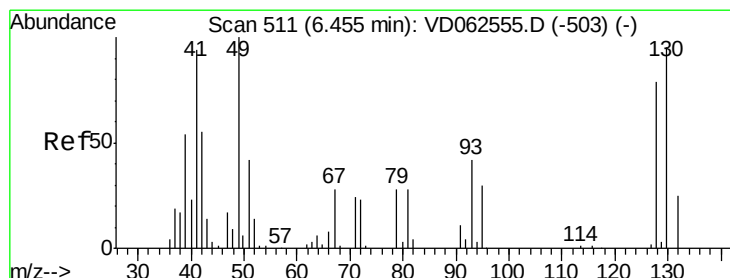
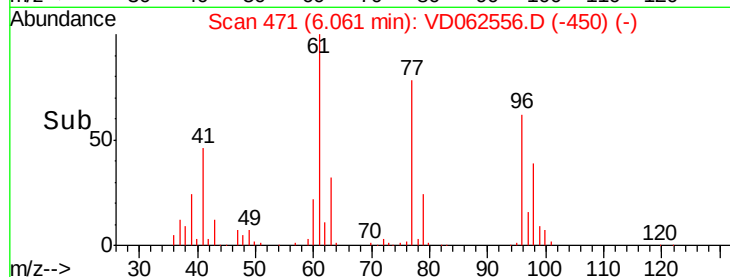
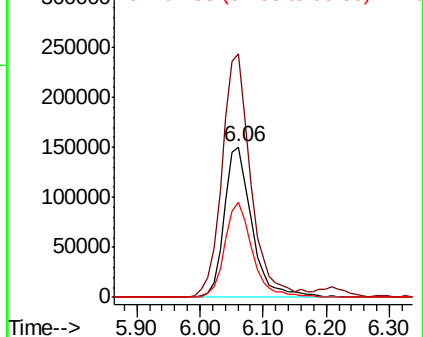
#27

cis-1,2-Dichloroethene
Concen: 55.630 ug/l
RT: 6.06 min Scan# 471
Delta R.T. 0.01 min
Lab File: VD062556.D
Acq: 30 May 2019 17:13

Tot Ion	Ratio	Lower	Upper
96	100		
61	161.9	0.0	342.4
98	63.5	0.0	134.6



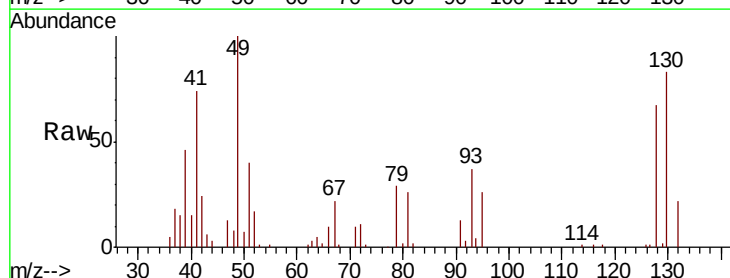
Abundance Ion 95.90 (95.60 to 96.60): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 97.85 (97.55 to 98.55): VDC



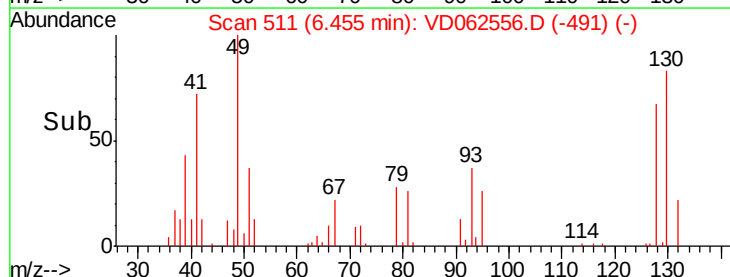
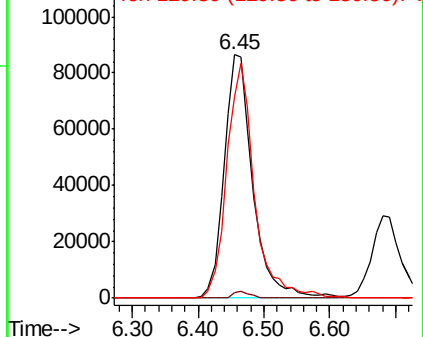
#28

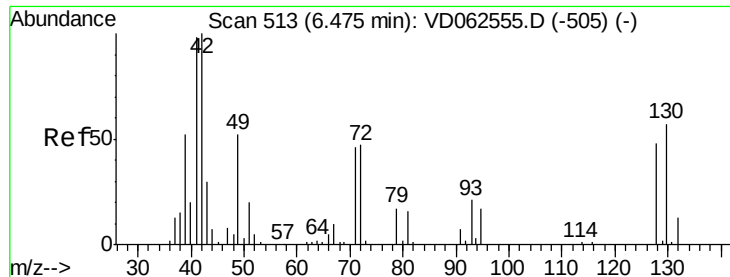
Bromochloromethane
Concen: 52.585 ug/l
RT: 6.45 min Scan# 511
Delta R.T. -0.00 min
Lab File: VD062556.D
Acq: 30 May 2019 17:13

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	5.6
130	82.6	75.8	113.8



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





#29

Tetrahydrofuran

Concen: 254.713 ug/l

RT: 6.48 min Scan# 514

Delta R.T. 0.01 min

Lab File: VD062556.D

Acq: 30 May 2019 17:13

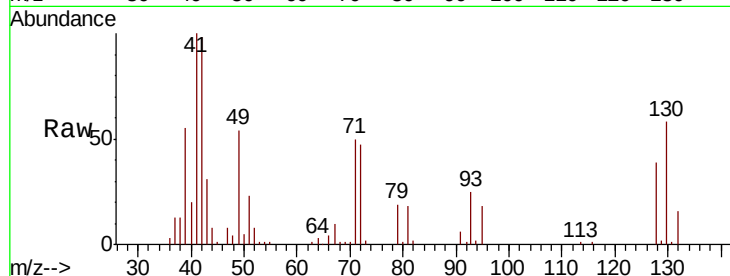
Tot Ion: 42 Resp: 222496

Ion Ratio Lower Upper

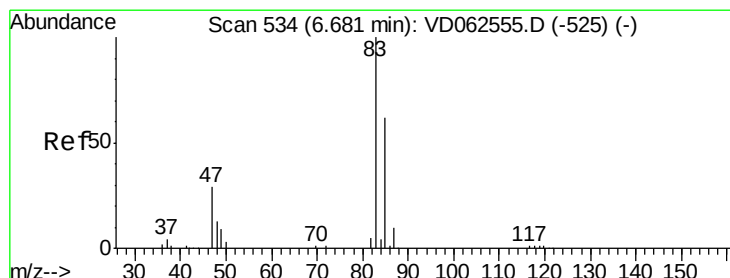
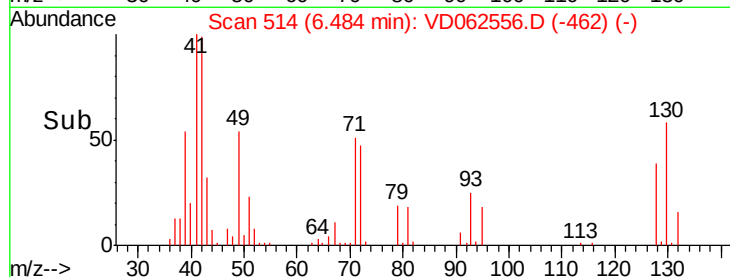
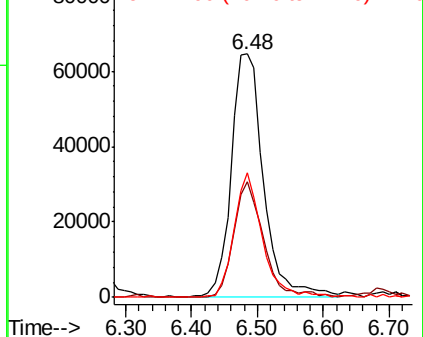
42 100

72 44.1 34.5 51.7

71 44.7 33.0 49.6



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



#30

Chloroform

Concen: 51.344 ug/l

RT: 6.68 min Scan# 534

Delta R.T. -0.00 min

Lab File: VD062556.D

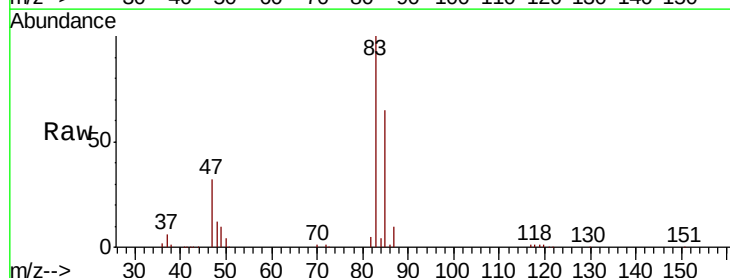
Acq: 30 May 2019 17:13

Tgt Ion: 83 Resp: 895648

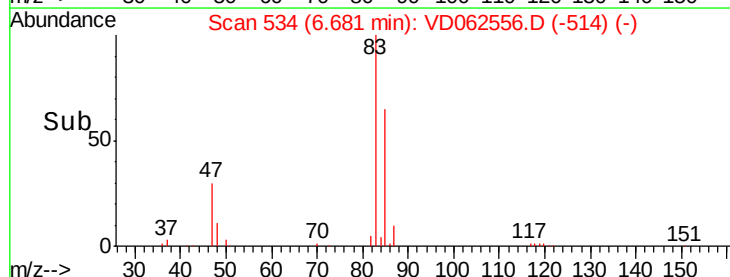
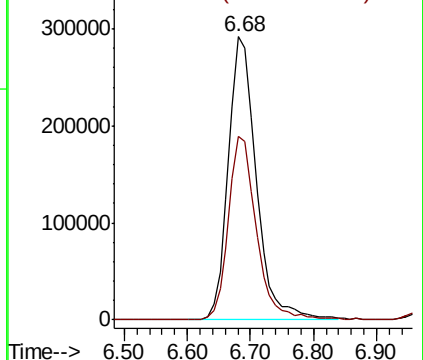
Ion Ratio Lower Upper

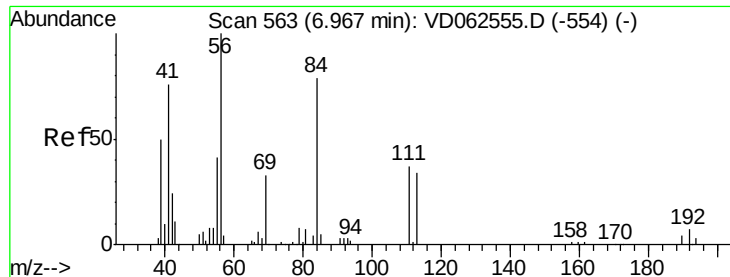
83 100

85 64.9 49.4 74.0



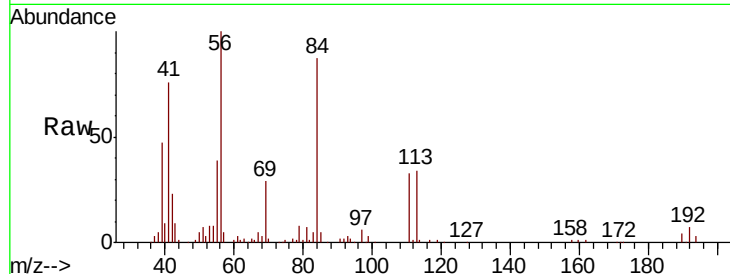
Abundance Ion 82.95 (82.65 to 83.65): VDC
Ion 84.95 (84.65 to 85.65): VDC



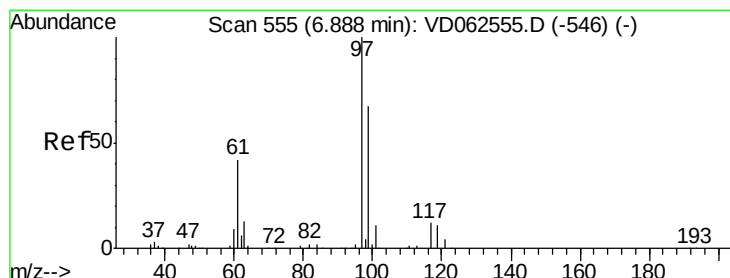
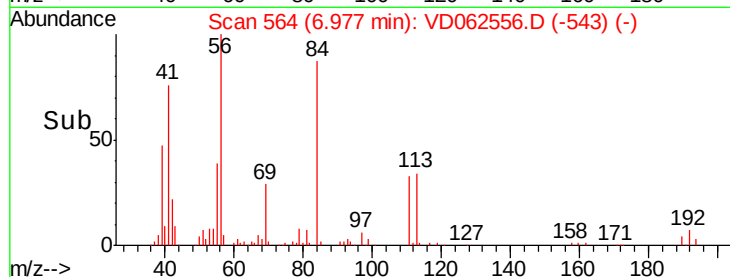
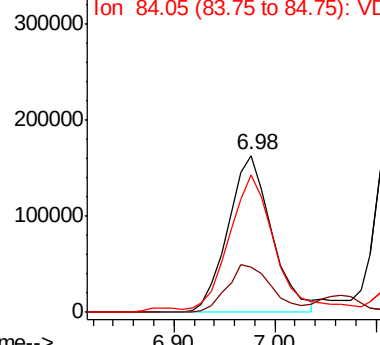


#31
Cyclohexane
Concen: 50.181 ug/l
RT: 6.98 min Scan# 564
Delta R.T. 0.01 min
Lab File: VD062556.D
Acq: 30 May 2019 17:13

Tot Ion	56	Resp	491141
Ion Ratio	Lower	Upper	
56	100		
69	29.0	26.2	39.2
84	87.3	65.2	97.8

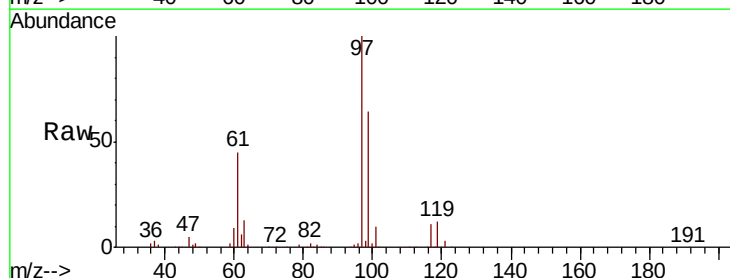


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

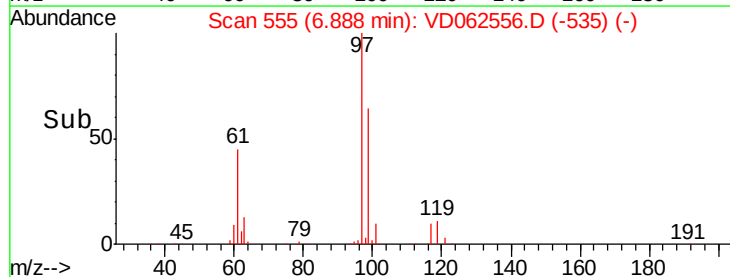
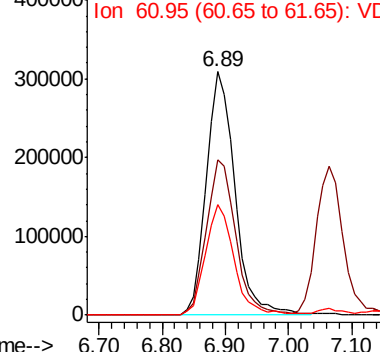


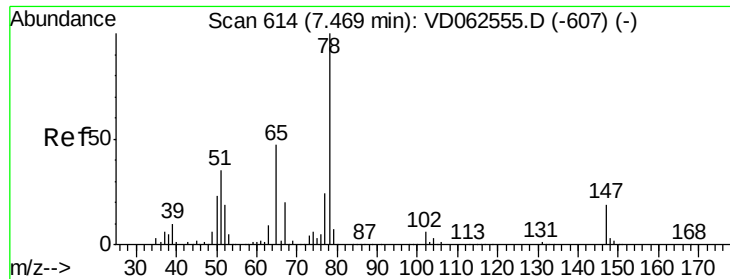
#32
1,1,1-Trichloroethane
Concen: 53.521 ug/l
RT: 6.89 min Scan# 555
Delta R.T. -0.00 min
Lab File: VD062556.D
Acq: 30 May 2019 17:13

Tgt Ion	97	Resp	971625
Ion Ratio	Lower	Upper	
97	100		
99	63.7	53.6	80.4
61	45.5	33.9	50.9



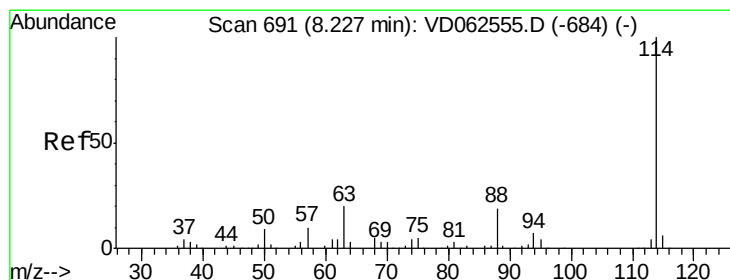
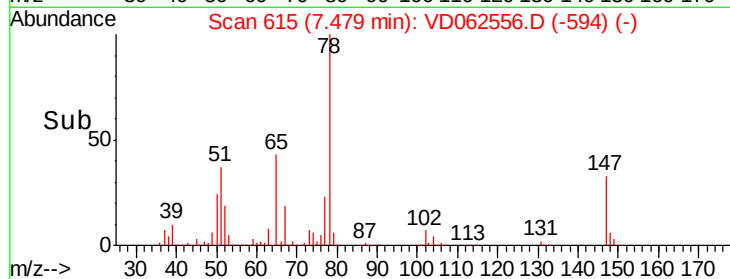
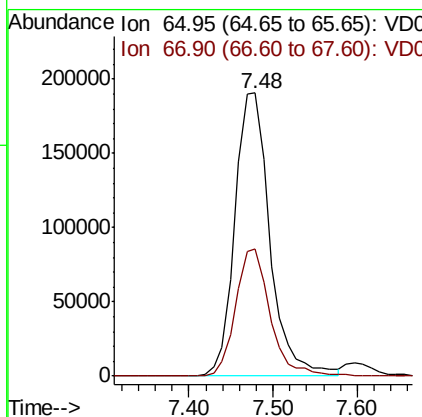
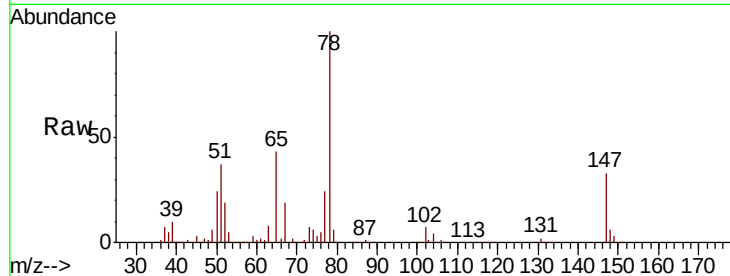
Abundance Ion 96.85 (96.55 to 97.55): VDC
Ion 98.85 (98.55 to 99.55): VDC
Ion 60.95 (60.65 to 61.65): VDC





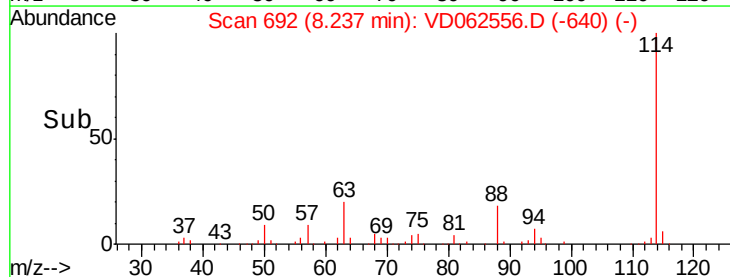
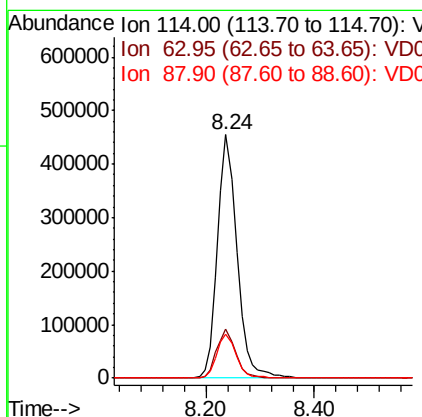
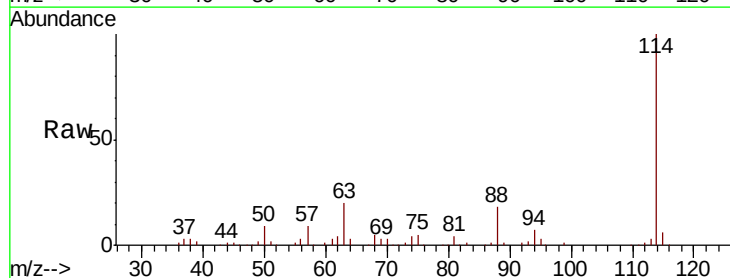
#33
 1,2-Dichloroethane-d4
 Concen: 52.617 ug/l
 RT: 7.48 min Scan# 615
 Delta R.T. 0.01 min
 Lab File: VD062556.D
 Acq: 30 May 2019 17:13

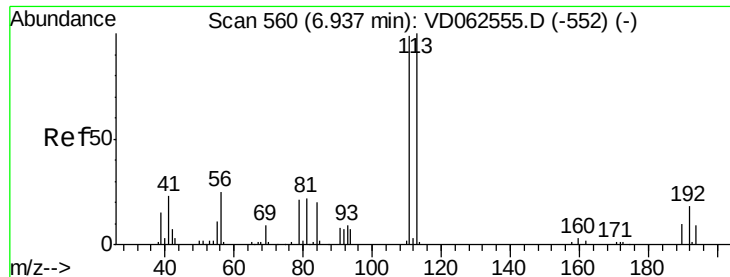
Tot Ion: 65 Resp: 554485
 Ion Ratio Lower Upper
 65 100
 67 45.1 0.0 83.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.24 min Scan# 692
 Delta R.T. 0.01 min
 Lab File: VD062556.D
 Acq: 30 May 2019 17:13

Tgt Ion: 114 Resp: 1142352
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 40.6
 88 18.1 0.0 37.6





#35

Dibromofluoromethane

Concen: 56.289 ug/l

RT: 6.95 min Scan# 561

Delta R.T. 0.01 min

Lab File: VD062556.D

Acq: 30 May 2019 17:13

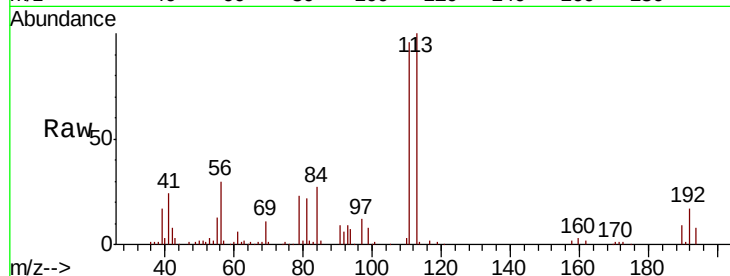
Tot Ion:113 Resp: 585955

Ion Ratio Lower Upper

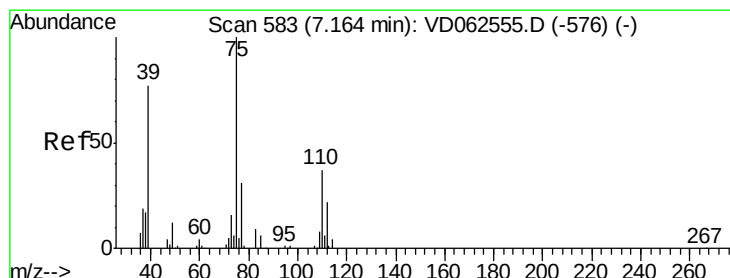
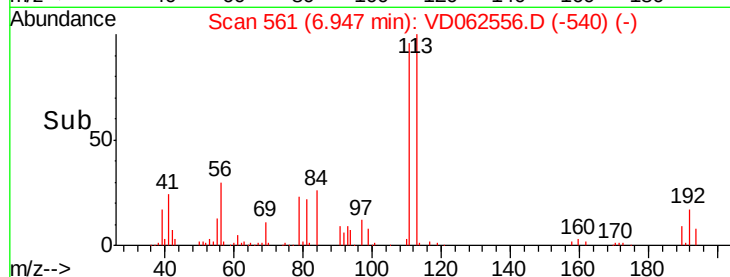
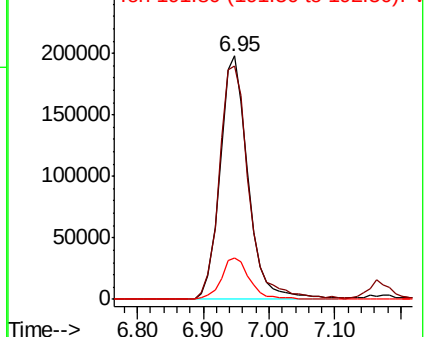
113 100

111 96.0 78.8 118.2

192 16.9 14.6 22.0



Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V



#36

1,1-Dichloropropene

Concen: 57.578 ug/l

RT: 7.16 min Scan# 583

Delta R.T. -0.00 min

Lab File: VD062556.D

Acq: 30 May 2019 17:13

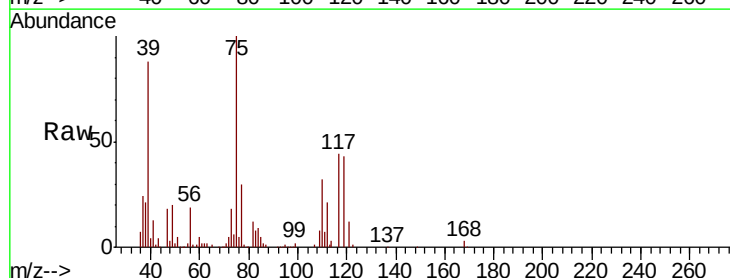
Tgt Ion: 75 Resp: 654762

Ion Ratio Lower Upper

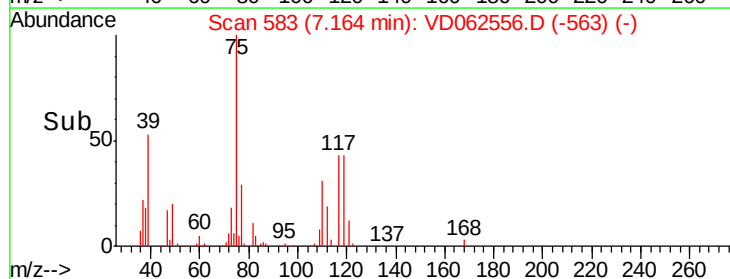
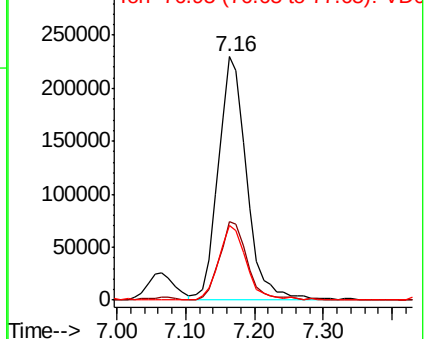
75 100

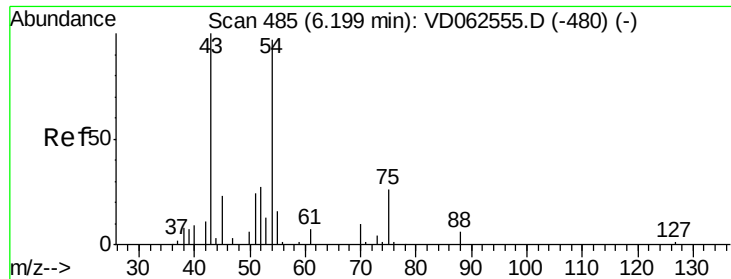
110 32.3 18.3 54.8

77 30.5 24.4 36.6



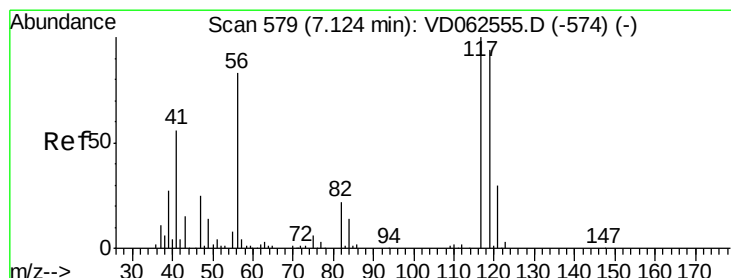
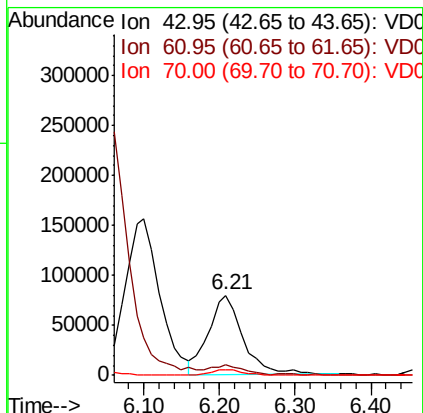
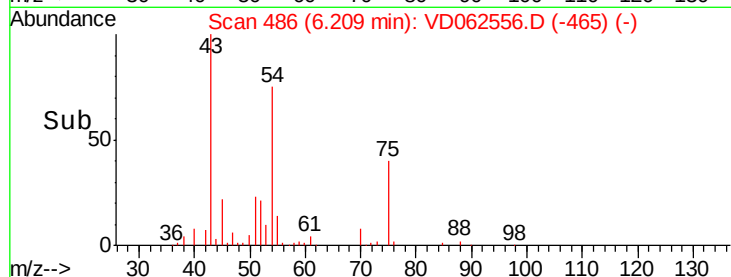
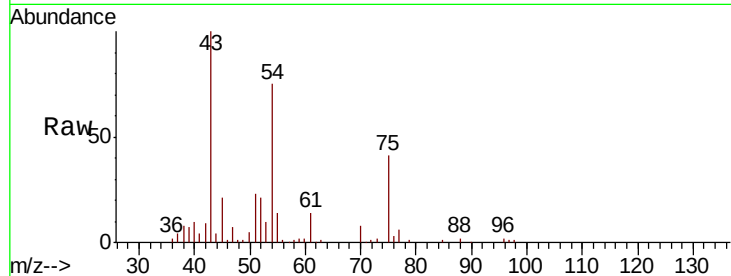
Abundance Ion 75.00 (74.70 to 75.70): V
Ion 109.90 (109.60 to 110.60): V
Ion 76.95 (76.65 to 77.65): V





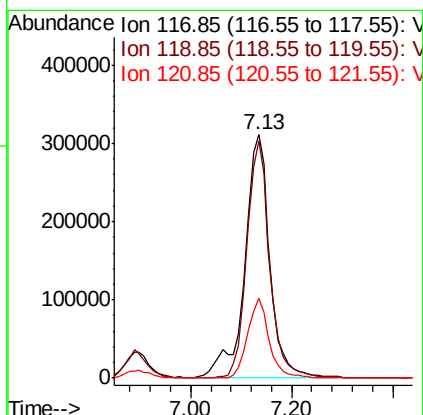
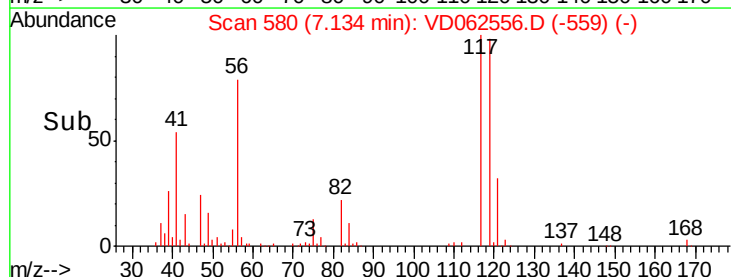
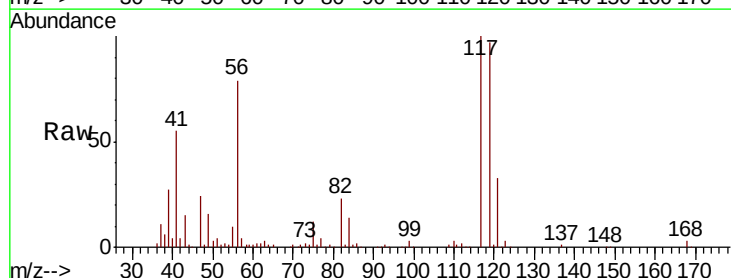
#37
Ethyl Acetate
Concen: 52.107 ug/l
RT: 6.21 min Scan# 486
Delta R.T. 0.01 min
Lab File: VD062556.D
Acq: 30 May 2019 17:13

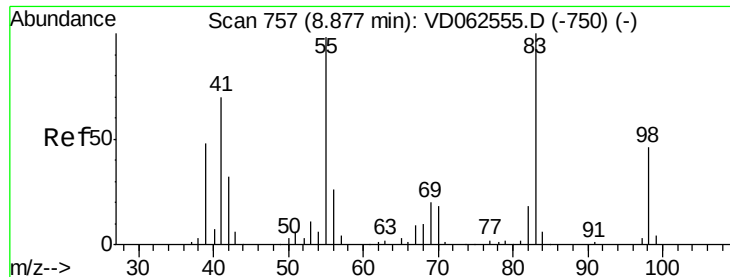
Tot Ion: 43 Resp: 249810
Ion Ratio Lower Upper
43 100
61 13.9 9.8 14.8
70 7.6 6.5 9.7



#38
Carbon Tetrachloride
Concen: 63.941 ug/l
RT: 7.13 min Scan# 580
Delta R.T. 0.01 min
Lab File: VD062556.D
Acq: 30 May 2019 17:13

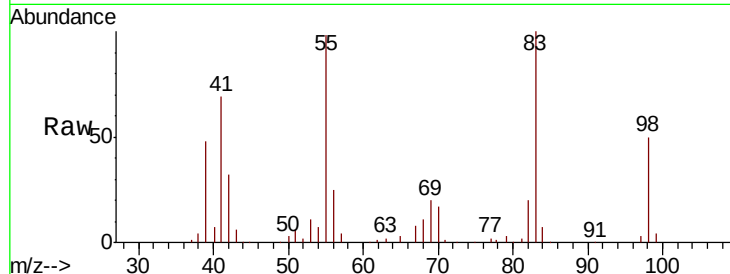
Tgt Ion: 117 Resp: 1082551
Ion Ratio Lower Upper
117 100
119 97.5 71.4 107.2
121 32.6 22.5 33.7



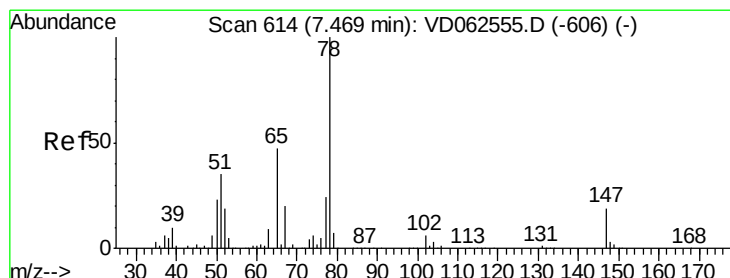
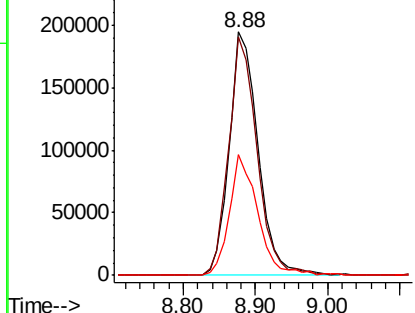
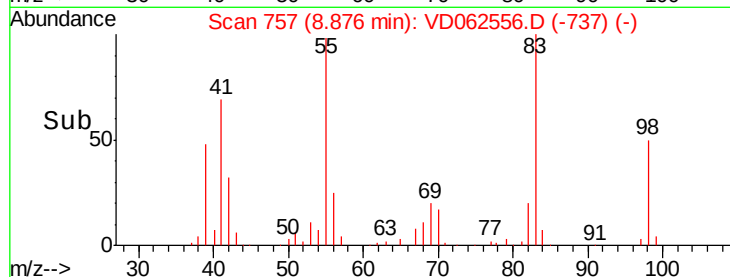


#39
Methylvlcyclohexane
Concen: 56.633 ug/l
RT: 8.88 min Scan# 757
Delta R.T. -0.00 min
Lab File: VD062556.D
Acq: 30 May 2019 17:13

Tot Ion: 83 Resp: 545247
Ion Ratio Lower Upper
83 100
55 97.7 78.7 118.1
98 49.6 37.2 55.8

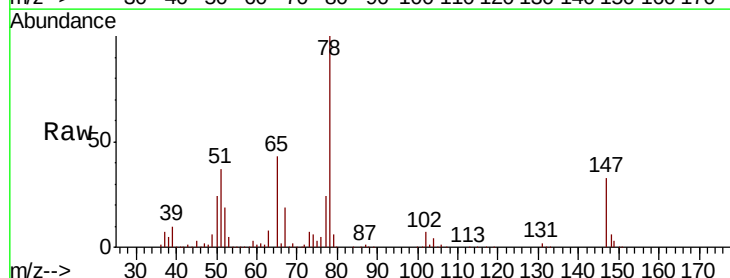


Abundance Ion 83.05 (82.75 to 83.75): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.05 (97.75 to 98.75): VDC

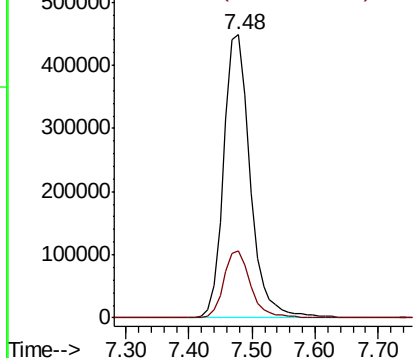
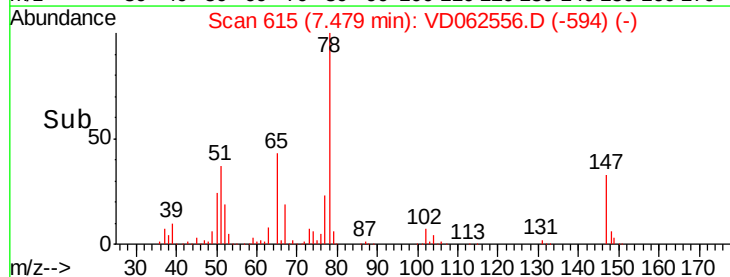


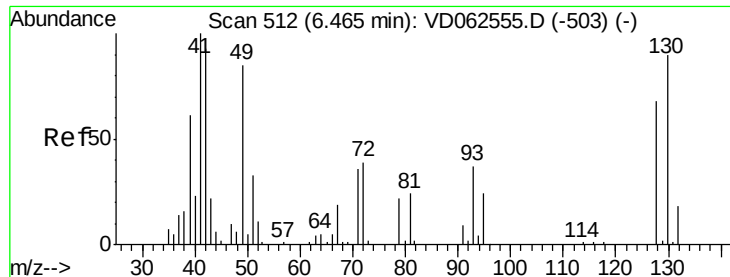
#40
Benzene
Concen: 58.848 ug/l
RT: 7.48 min Scan# 615
Delta R.T. 0.01 min
Lab File: VD062556.D
Acq: 30 May 2019 17:13

Tgt Ion: 78 Resp: 1313433
Ion Ratio Lower Upper
78 100
77 23.7 19.1 28.7



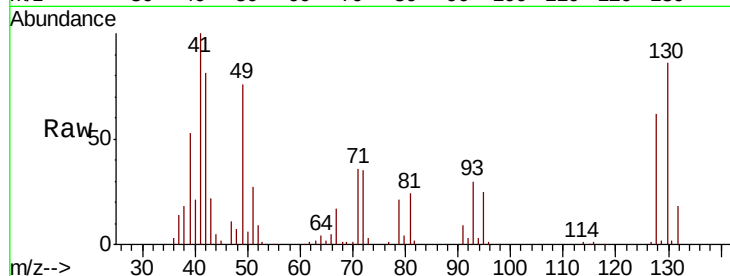
Abundance Ion 77.95 (77.65 to 78.65): VDC
Ion 76.95 (76.65 to 77.65): VDC





#41
Methacrylonitrile
Concen: 55.596 ug/l
RT: 6.47 min Scan# 513
Delta R.T. 0.01 min
Lab File: VD062556.D
Acq: 30 May 2019 17:13

Tot Ion:	41	Resp:	313655
Ion	Ratio	Lower	Upper
41	100		
39	52.5	49.0	73.6
67	17.5	15.5	23.3
52	9.1	8.9	13.3



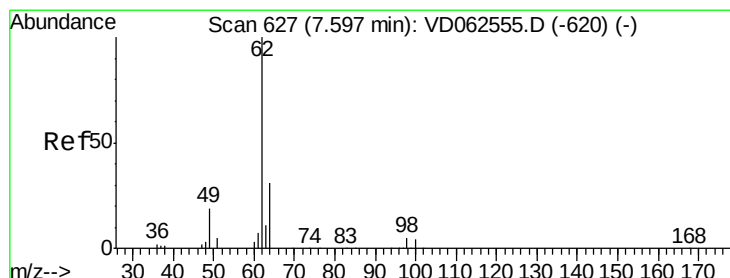
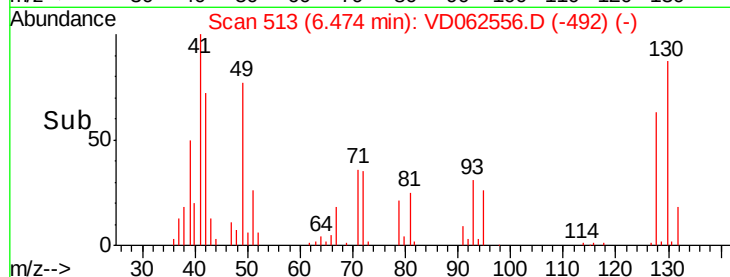
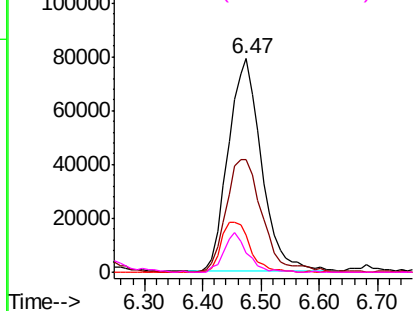
Abundance

Ion 40.95 (40.65 to 41.65): VDC

Ion 38.95 (38.65 to 39.65): VDC

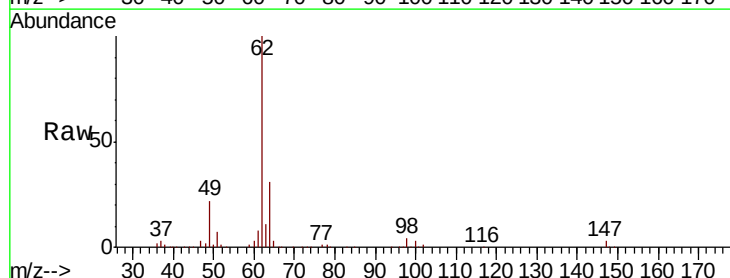
Ion 67.00 (66.70 to 67.70): VDC

Ion 52.00 (51.70 to 52.70): VDC



#42
1,2-Dichloroethane
Concen: 57.212 ug/l
RT: 7.60 min Scan# 627
Delta R.T. -0.00 min
Lab File: VD062556.D
Acq: 30 May 2019 17:13

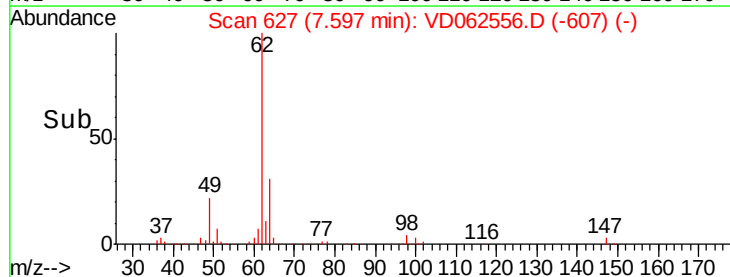
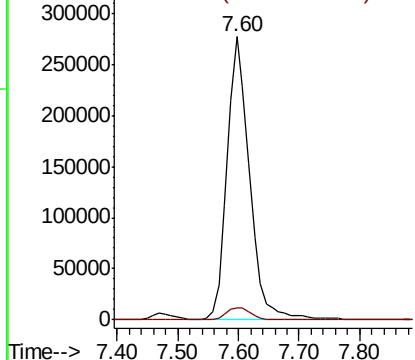
Tgt Ion:	62	Resp:	711269
Ion	Ratio	Lower	Upper
62	100		
98	4.5	0.0	11.0

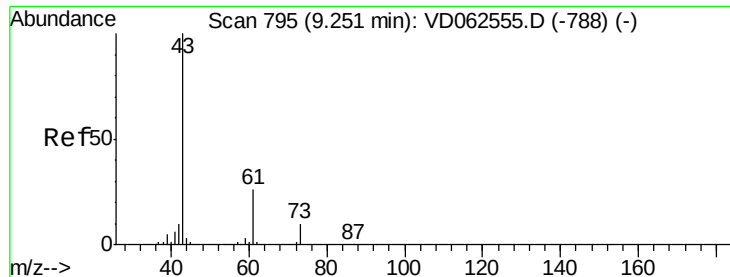


Abundance

Ion 61.95 (61.65 to 62.65): VDC

Ion 97.85 (97.55 to 98.55): VDC





#43

Isopropyl Acetate

Concen: 54.236 ug/l

RT: 9.26 min Scan# 796

Delta R.T. 0.01 min

Lab File: VD062556.D

Acq: 30 May 2019 17:13

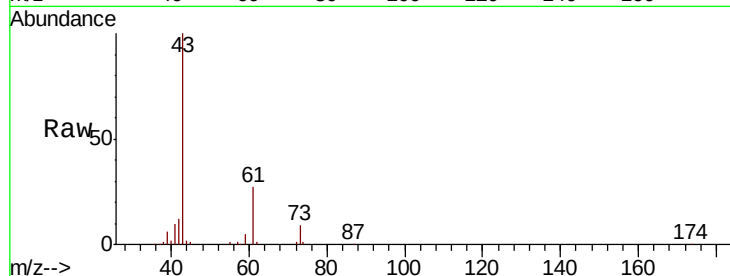
Tot Ion: 43 Resp: 323622

Ion Ratio Lower Upper

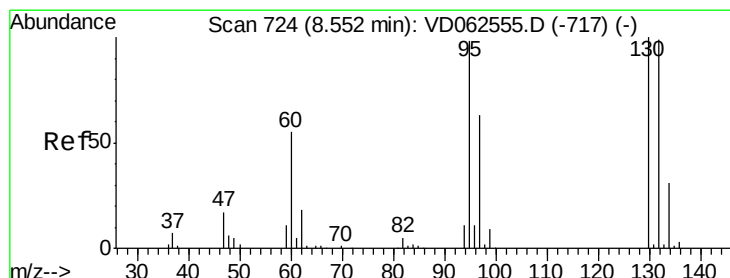
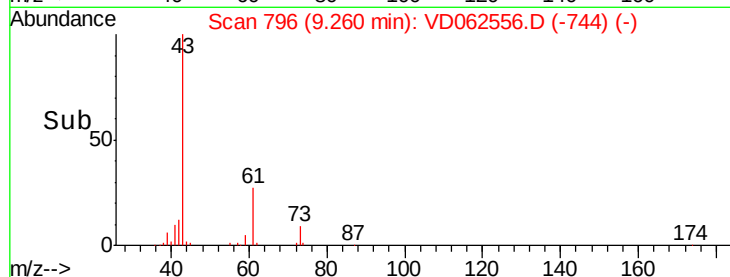
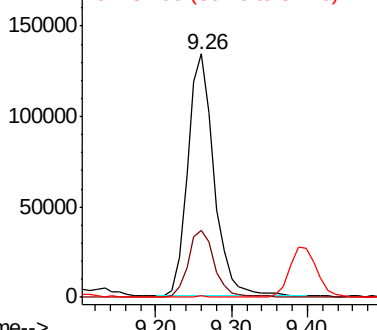
43 100

61 27.4 20.5 30.7

87 0.5 0.2 0.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 87.00 (86.70 to 87.70): VDC



#44

Trichloroethene

Concen: 55.821 ug/l

RT: 8.56 min Scan# 725

Delta R.T. 0.01 min

Lab File: VD062556.D

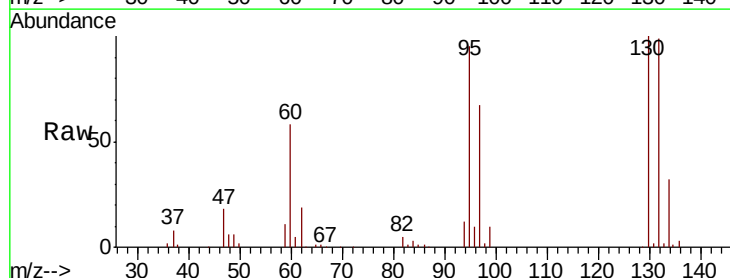
Acq: 30 May 2019 17:13

Tgt Ion: 130 Resp: 497725

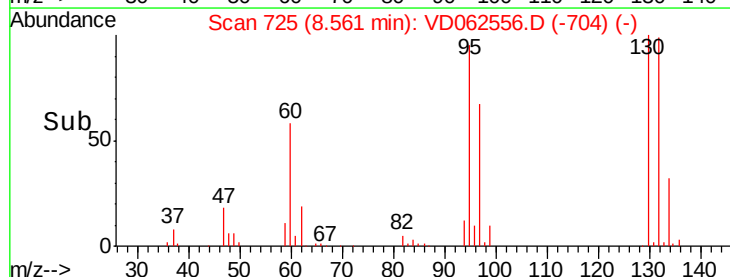
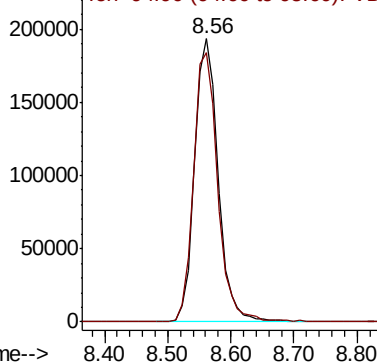
Ion Ratio Lower Upper

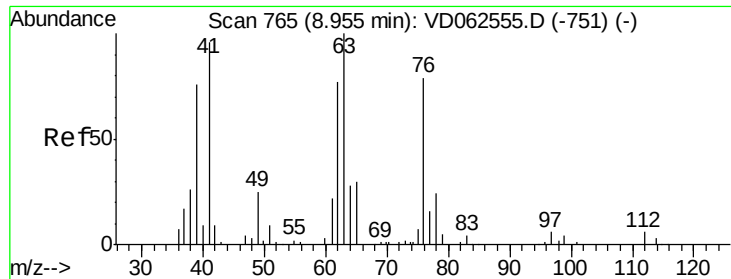
130 100

95 95.0 0.0 196.6



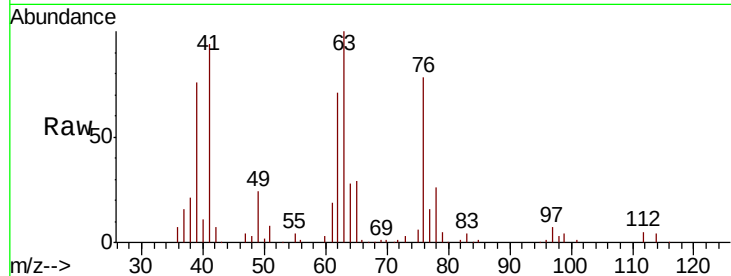
Abundance Ion 129.80 (129.50 to 130.50): VDC
Ion 94.90 (94.60 to 95.60): VDC



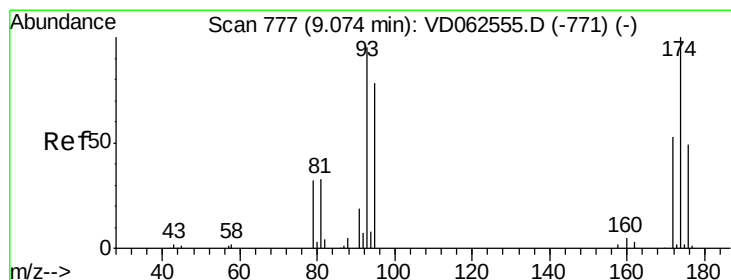
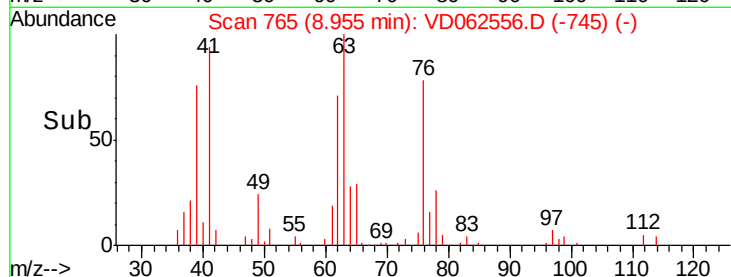
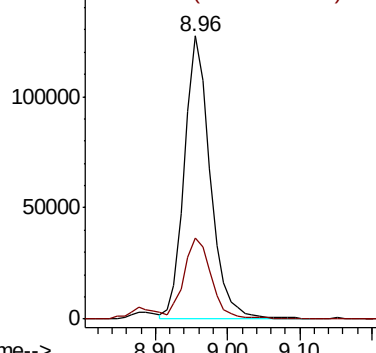


#45
 1,2-Dichloropropane
 Concen: 57.524 ug/l
 RT: 8.96 min Scan# 765
 Delta R.T. -0.00 min
 Lab File: VD062556.D
 Acq: 30 May 2019 17:13

Tot Ion: 63 Resp: 314768
 Ion Ratio Lower Upper
 63 100
 65 28.8 23.7 35.5

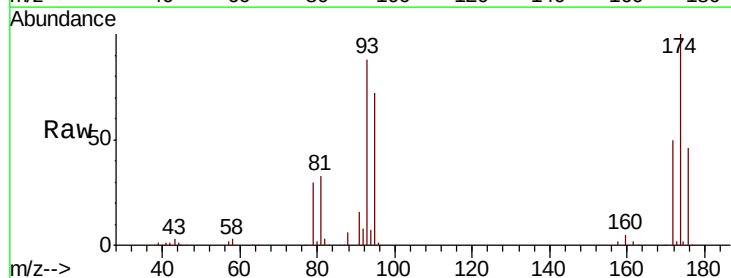


Abundance Ion 62.95 (62.65 to 63.65): VDC
 Ion 64.95 (64.65 to 65.65): VDC

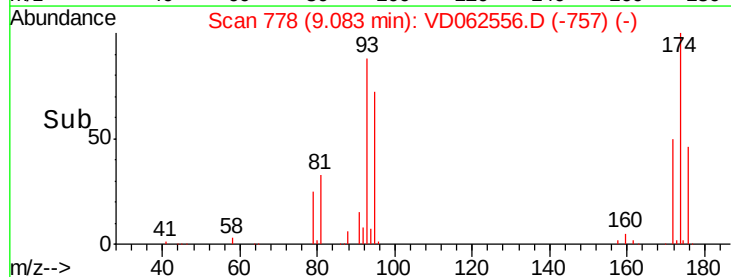
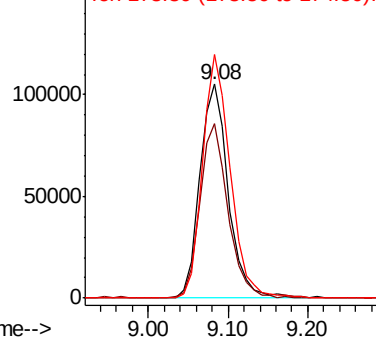


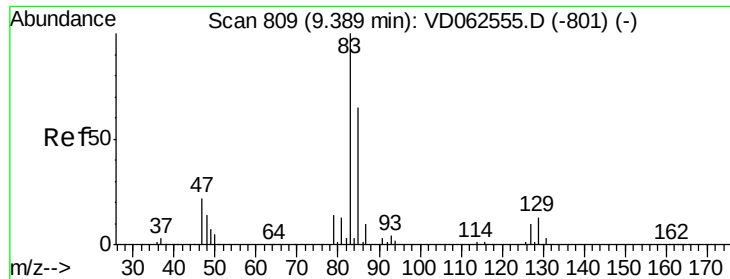
#46
 Dibromomethane
 Concen: 57.135 ug/l
 RT: 9.08 min Scan# 778
 Delta R.T. 0.01 min
 Lab File: VD062556.D
 Acq: 30 May 2019 17:13

Tgt Ion: 93 Resp: 262605
 Ion Ratio Lower Upper
 93 100
 95 81.5 66.1 99.1
 174 113.8 84.2 126.4



Abundance Ion 92.90 (92.60 to 93.60): VDC
 Ion 94.90 (94.60 to 95.60): VDC
 Ion 173.80 (173.50 to 174.50): V





#47

Bromodichloromethane

Concen: 55.994 ug/l

RT: 9.40 min Scan# 810

Delta R.T. 0.01 min

Lab File: VD062556.D

Acq: 30 May 2019 17:13

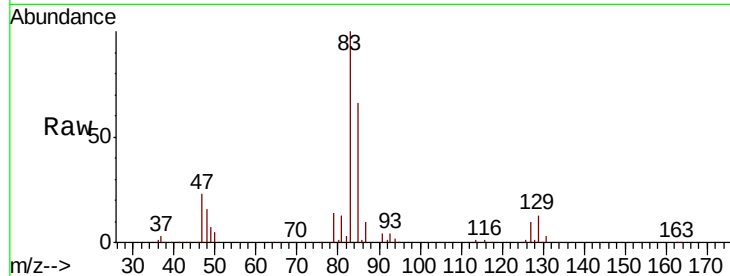
Tot Ion: 83 Resp: 709096

Ion Ratio Lower Upper

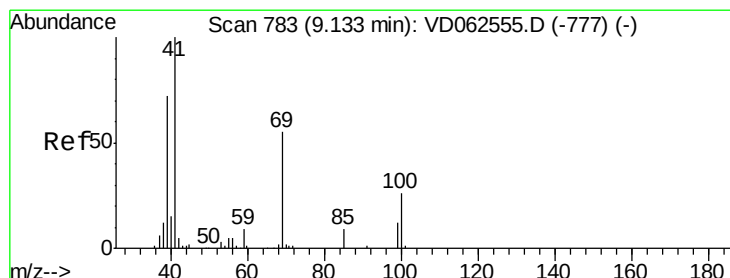
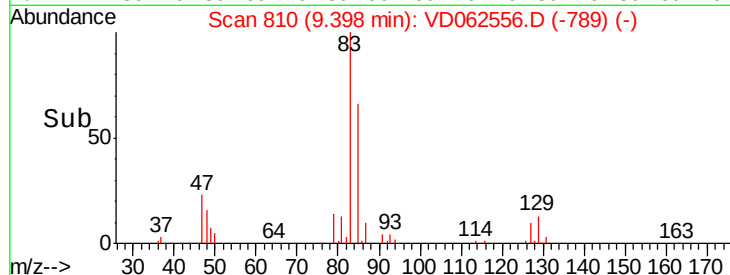
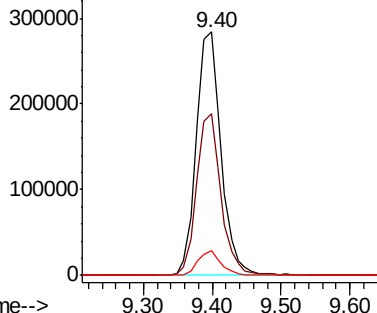
83 100

85 66.4 51.8 77.8

127 10.4 7.8 11.6



Abundance Ion 82.85 (82.55 to 83.55): VDC
Ion 84.95 (84.65 to 85.65): VDC
Ion 126.80 (126.50 to 127.50): VDC



#48

Methyl methacrylate

Concen: 55.441 ug/l

RT: 9.14 min Scan# 784

Delta R.T. 0.01 min

Lab File: VD062556.D

Acq: 30 May 2019 17:13

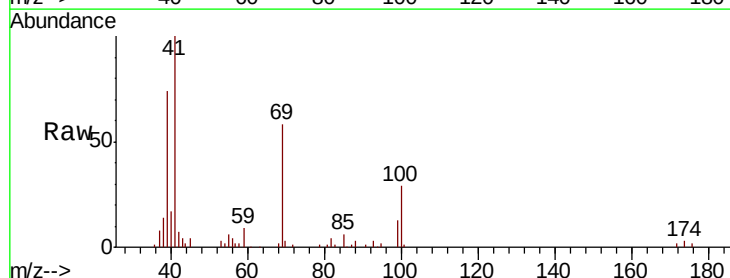
Tgt Ion: 41 Resp: 220333

Ion Ratio Lower Upper

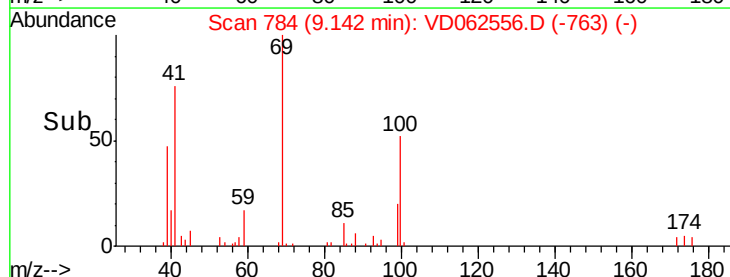
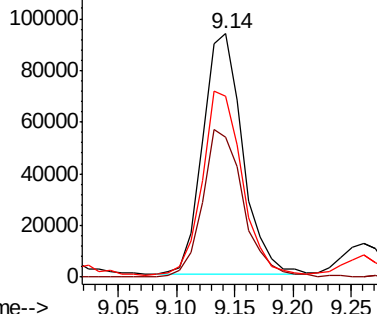
41 100

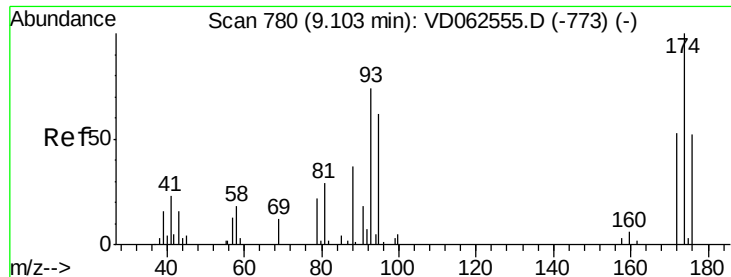
69 57.5 43.6 65.4

39 74.4 58.1 87.1



Abundance Ion 40.95 (40.65 to 41.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 38.95 (38.65 to 39.65): VDC





#49

1,4-Dioxane

Concen: 1252.687 ug/l

RT: 9.09 min Scan# 779

Delta R.T. -0.01 min

Lab File: VD062556.D

Acq: 30 May 2019 17:13

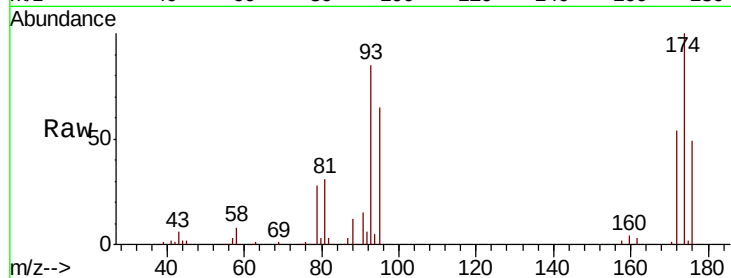
Tot Ion: 88 Resp: 40437

Ion Ratio Lower Upper

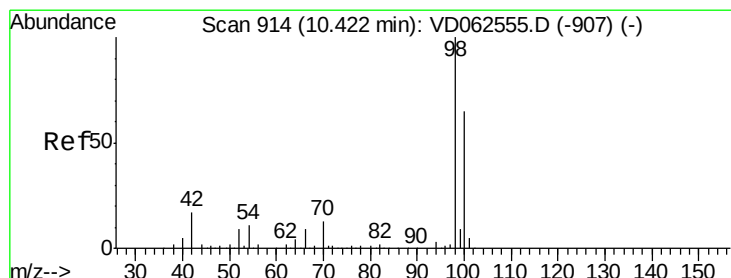
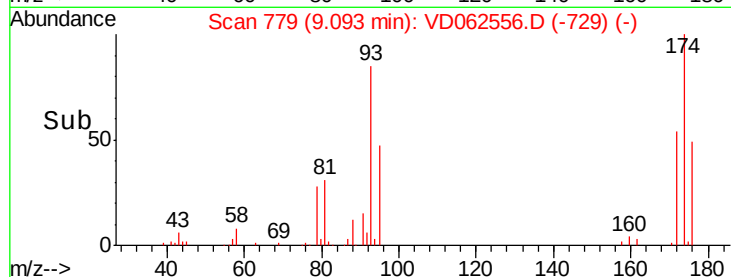
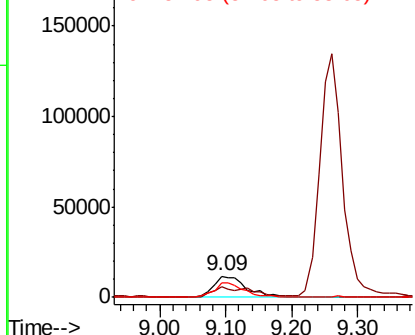
88 100

43 47.2 37.1 55.7

58 65.4 39.3 58.9#



Abundance Ion 88.00 (87.70 to 88.70): VDC
Ion 43.05 (42.75 to 43.75): VDC
Ion 57.95 (57.65 to 58.65): VDC



#50

Toluene-d8

Concen: 54.021 ug/l

RT: 10.43 min Scan# 915

Delta R.T. 0.01 min

Lab File: VD062556.D

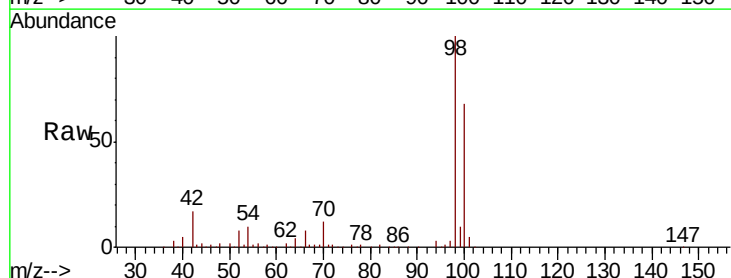
Acq: 30 May 2019 17:13

Tgt Ion: 98 Resp: 1232129

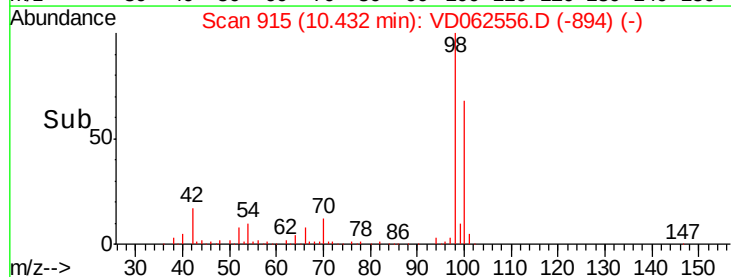
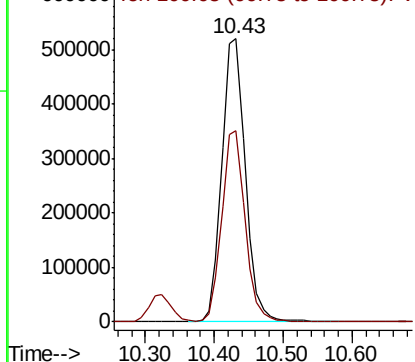
Ion Ratio Lower Upper

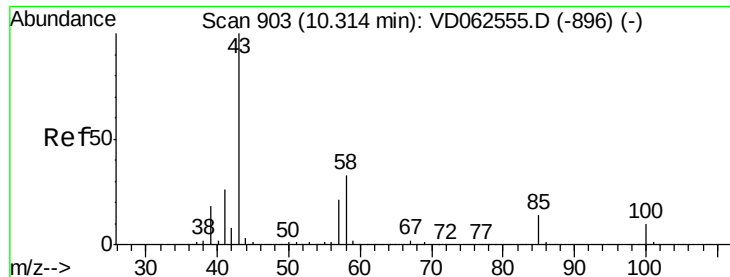
98 100

100 67.6 52.3 78.5



Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC





#51

4-Methyl-2-Pentanone

Concen: 266.478 ug/l

RT: 10.32 min Scan# 904

Delta R.T. 0.01 min

Lab File: VD062556.D

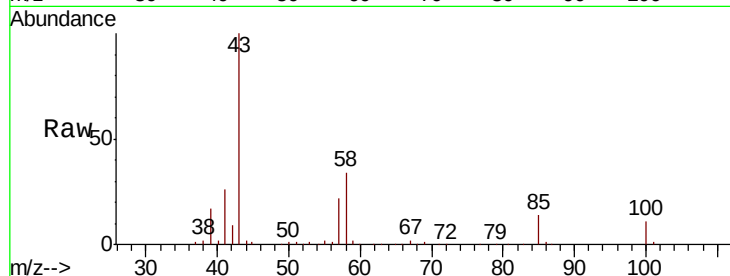
Acq: 30 May 2019 17:13

Tot Ion: 43 Resp: 1109329

Ion Ratio Lower Upper

43 100

58 34.2 26.1 39.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

10.32

500000

400000

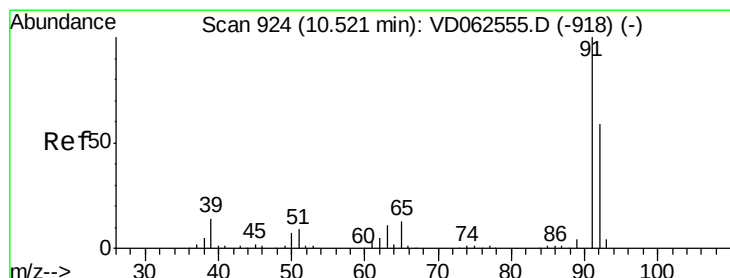
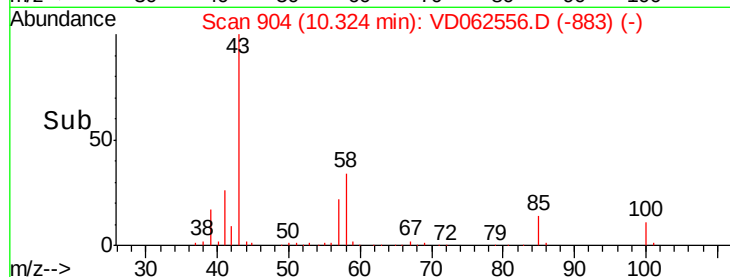
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 57.618 ug/l

RT: 10.52 min Scan# 924

Delta R.T. -0.00 min

Lab File: VD062556.D

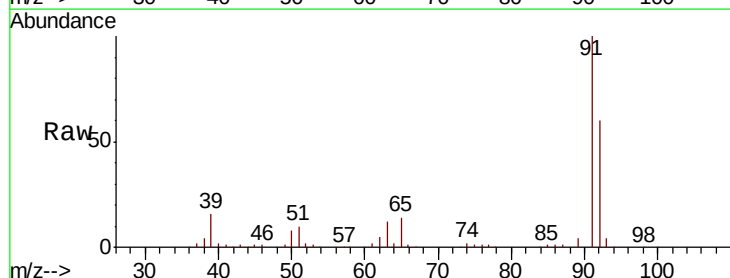
Acq: 30 May 2019 17:13

Tgt Ion: 92 Resp: 877077

Ion Ratio Lower Upper

92 100

91 166.1 135.5 203.3



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

10.52

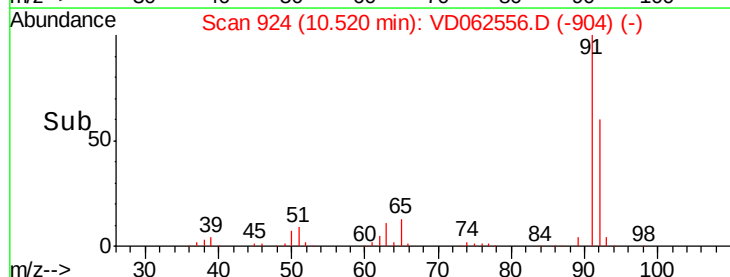
600000

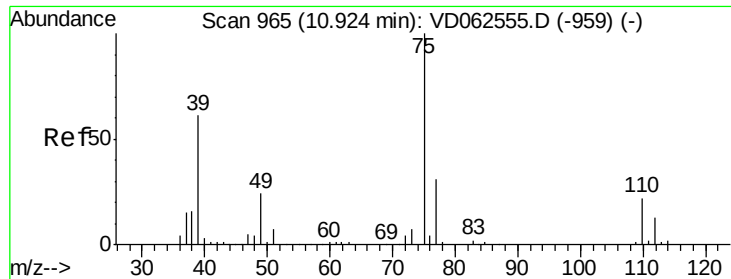
400000

200000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 58.967 ug/l

RT: 10.93 min Scan# 966

Delta R.T. 0.01 min

Lab File: VD062556.D

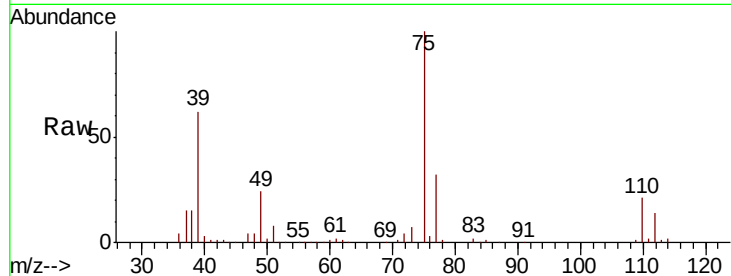
Acq: 30 May 2019 17:13

Tot Ion: 75 Resp: 630921

Ion Ratio Lower Upper

75 100

77 31.7 24.5 36.7



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

10.93

300000

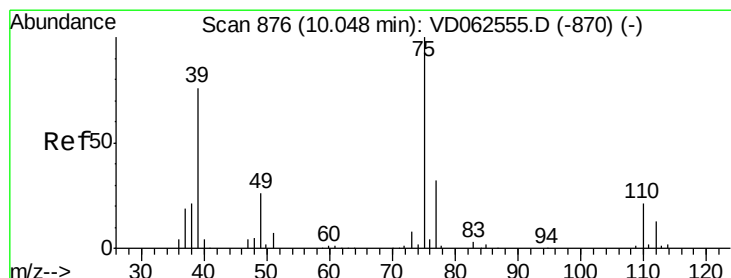
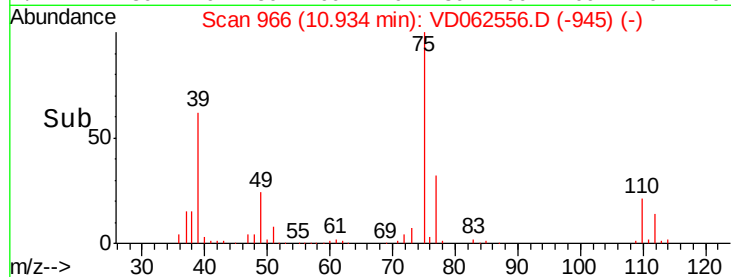
200000

100000

0

Time-->

10.80 10.90 11.00 11.10



#54

cis-1,3-Dichloropropene

Concen: 56.226 ug/l

RT: 10.06 min Scan# 877

Delta R.T. 0.01 min

Lab File: VD062556.D

Acq: 30 May 2019 17:13

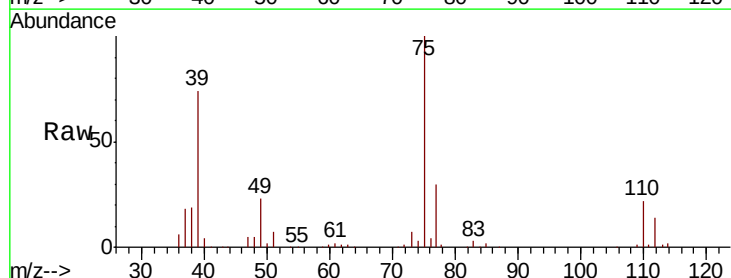
Tgt Ion: 75 Resp: 625456

Ion Ratio Lower Upper

75 100

77 29.7 25.7 38.5

39 73.7 61.0 91.6



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

Ion 38.95 (38.65 to 39.65): VDC

10.06

300000

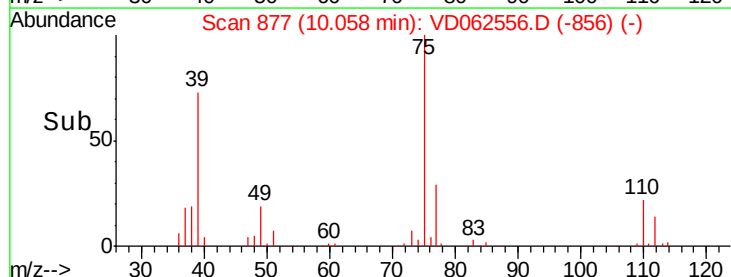
200000

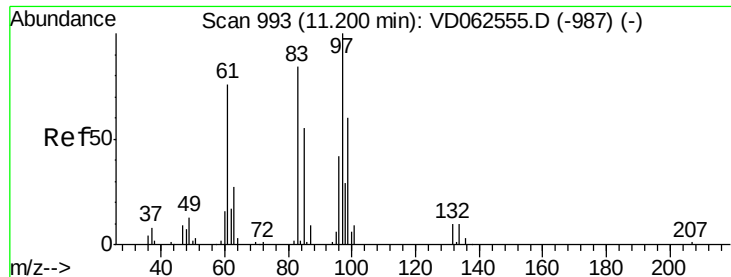
100000

0

Time-->

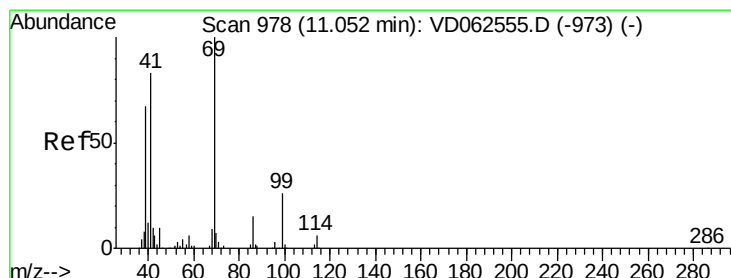
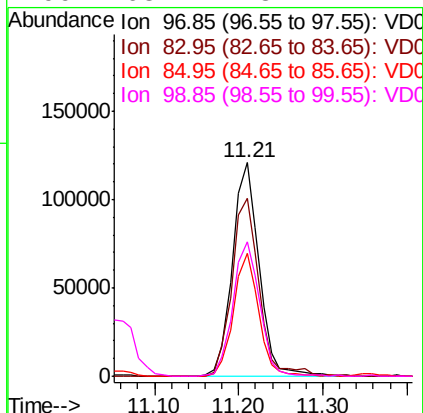
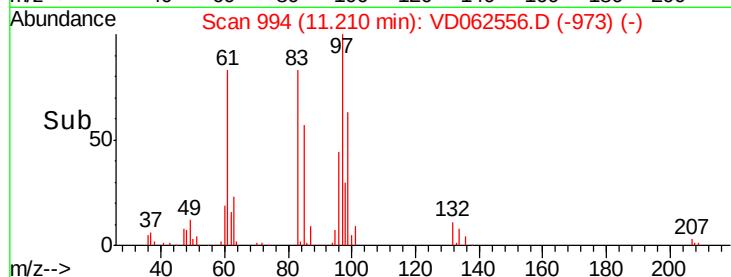
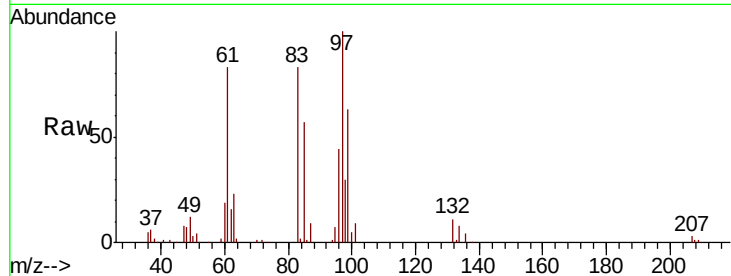
9.90 10.00 10.10 10.20





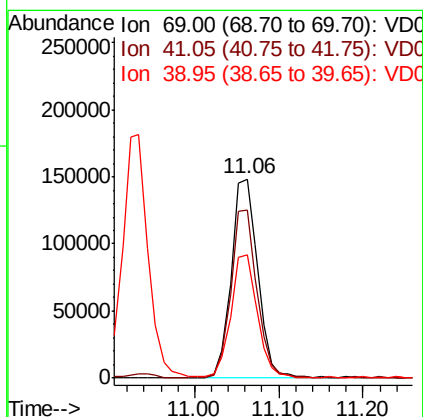
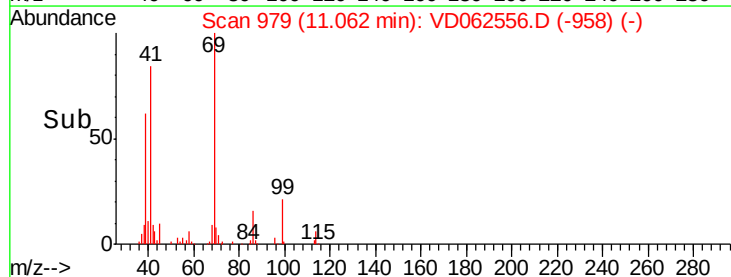
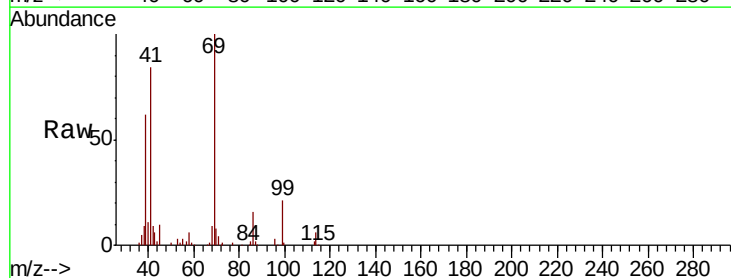
#55
 1,1,2-Trichloroethane
 Concen: 53.284 ug/l
 RT: 11.21 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: VD062556.D
 Acq: 30 May 2019 17:13

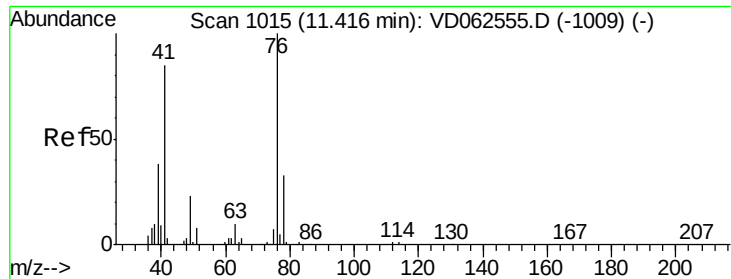
Tot Ion:	97	Resp:	266325
Ion	Ratio	Lower	Upper
97	100		
83	83.1	67.3	100.9
85	57.4	43.8	65.8
99	63.2	48.2	72.2



#56
 Ethyl methacrylate
 Concen: 60.925 ug/l
 RT: 11.06 min Scan# 979
 Delta R.T. 0.01 min
 Lab File: VD062556.D
 Acq: 30 May 2019 17:13

Tgt Ion:	69	Resp:	324568
Ion	Ratio	Lower	Upper
69	100		
41	84.4	66.1	99.1
39	62.0	54.2	81.2





#57

1,3-Dichloropropane

Concen: 56.596 ug/l

RT: 11.43 min Scan# 1016

Delta R.T. 0.01 min

Lab File: VD062556.D

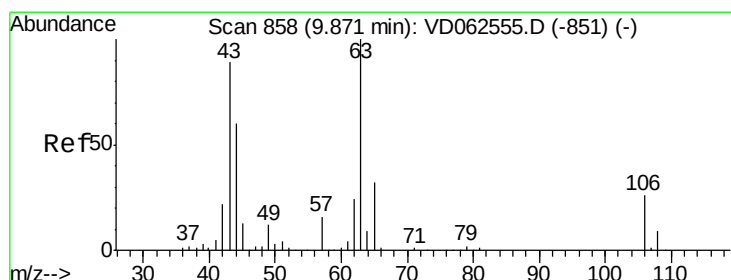
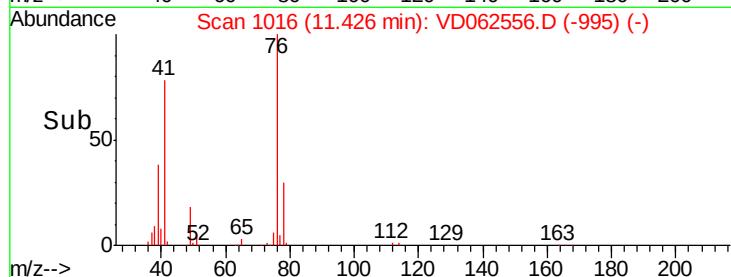
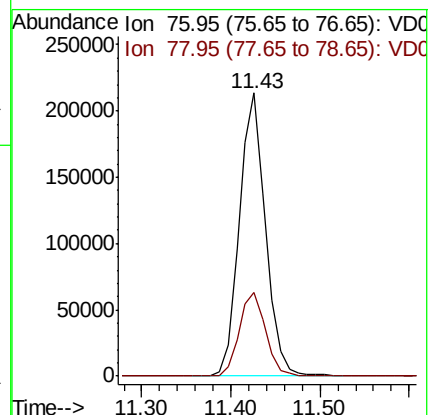
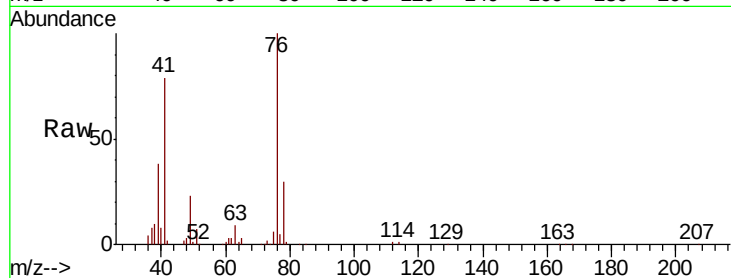
Acq: 30 May 2019 17:13

Tot Ion: 76 Resp: 436081

Ion Ratio Lower Upper

76 100

78 29.7 26.7 40.1



#58

2-Chloroethyl Vinyl ether

Concen: 247.427 ug/l

RT: 9.87 min Scan# 858

Delta R.T. -0.00 min

Lab File: VD062556.D

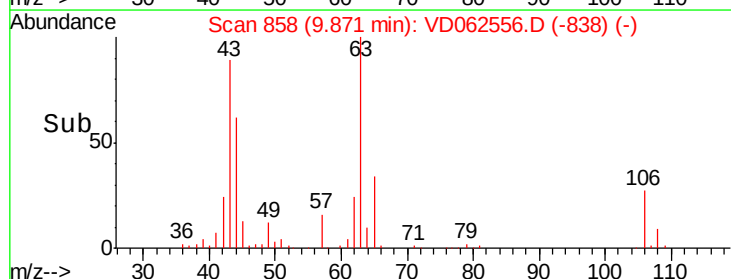
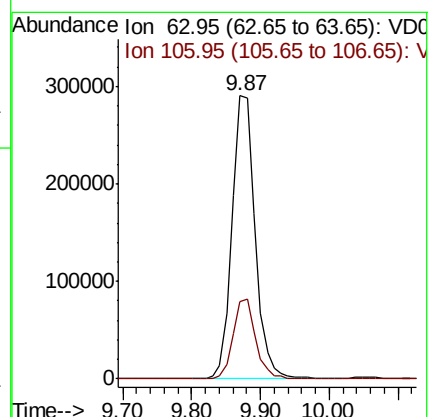
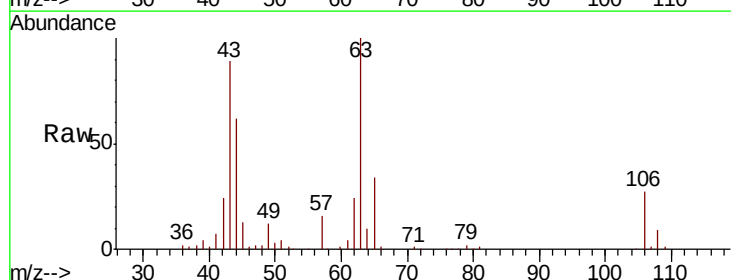
Acq: 30 May 2019 17:13

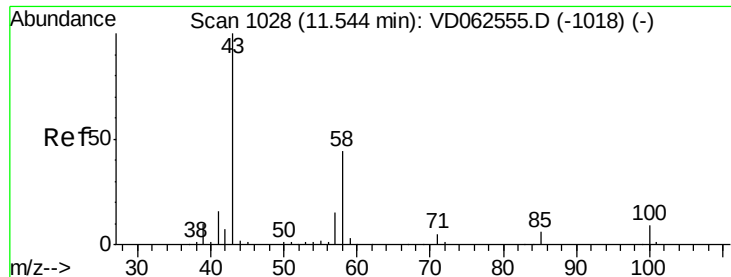
Tgt Ion: 63 Resp: 676022

Ion Ratio Lower Upper

63 100

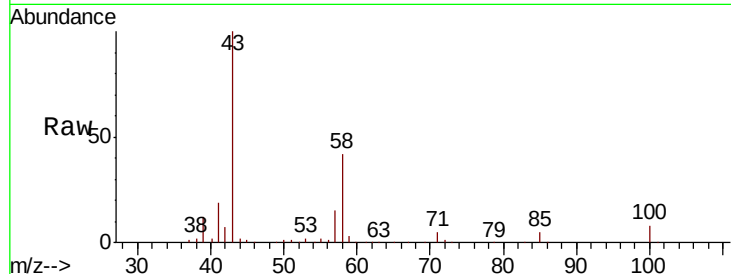
106 27.1 21.0 31.4



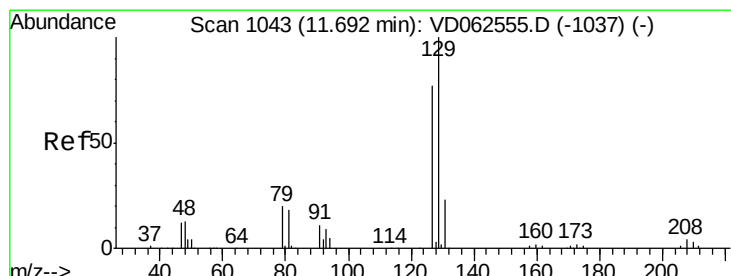
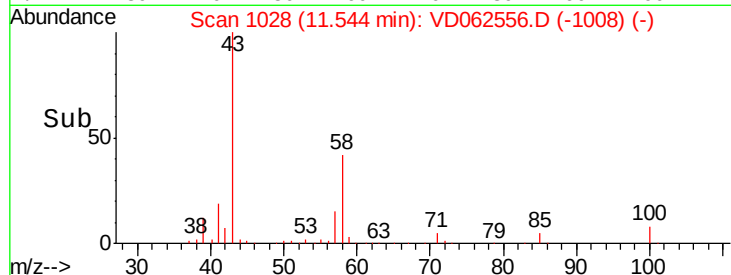
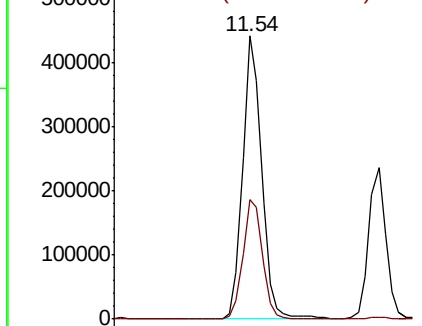


#59
2-Hexanone
Concen: 290.027 ug/l
RT: 11.54 min Scan# 1028
Delta R.T. -0.00 min
Lab File: VD062556.D
Acq: 30 May 2019 17:13

Tot Ion: 43 Resp: 846871
Ion Ratio Lower Upper
43 100
58 42.2 22.0 66.0

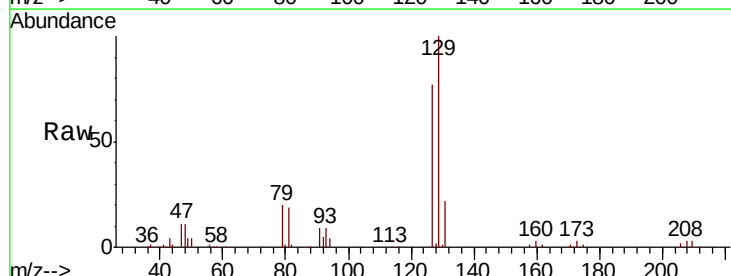


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 57.95 (57.65 to 58.65): VDC

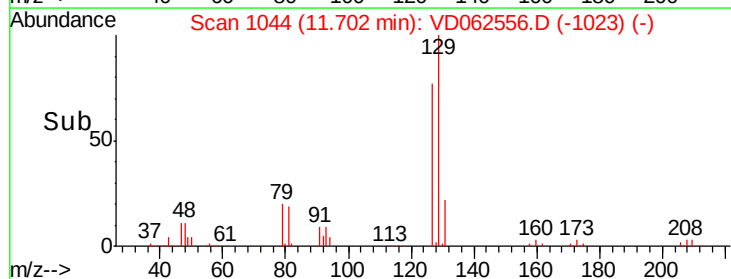
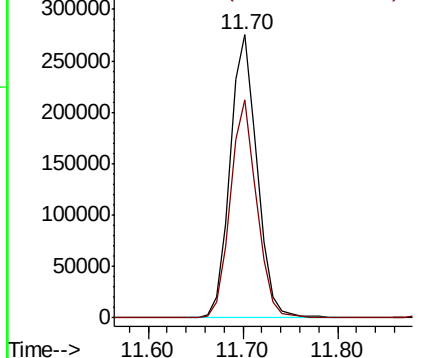


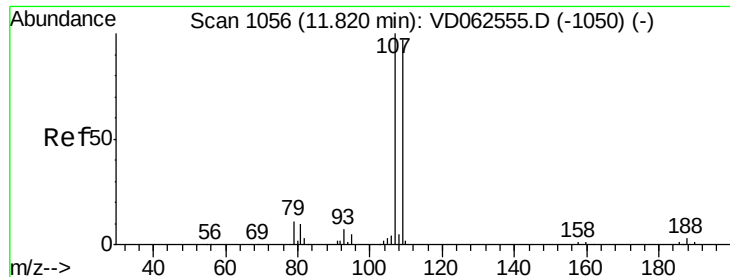
#60
Dibromochloromethane
Concen: 55.999 ug/l
RT: 11.70 min Scan# 1044
Delta R.T. 0.01 min
Lab File: VD062556.D
Acq: 30 May 2019 17:13

Tgt Ion: 129 Resp: 543918
Ion Ratio Lower Upper
129 100
127 77.2 38.6 115.8



Abundance Ion 128.80 (128.50 to 129.50): V
Ion 126.80 (126.50 to 127.50): V





#61

1,2-Dibromoethane

Concen: 58.840 ug/l

RT: 11.82 min Scan# 1056

Delta R.T. -0.00 min

Lab File: VD062556.D

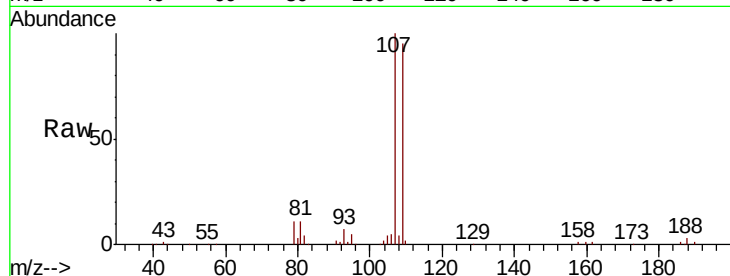
Acq: 30 May 2019 17:13

Tot Ion:107 Resp: 353783

Ion Ratio Lower Upper

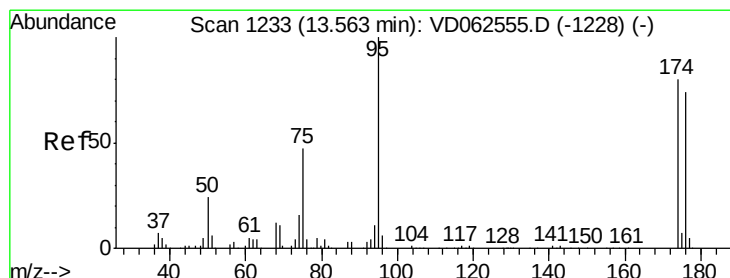
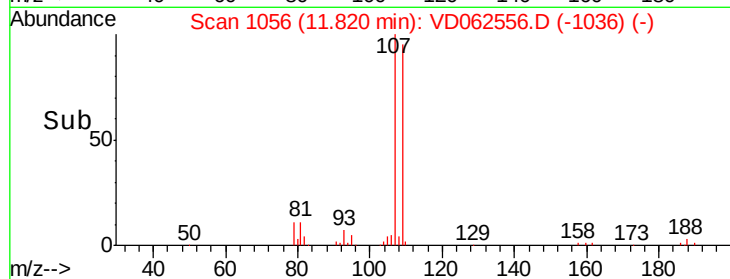
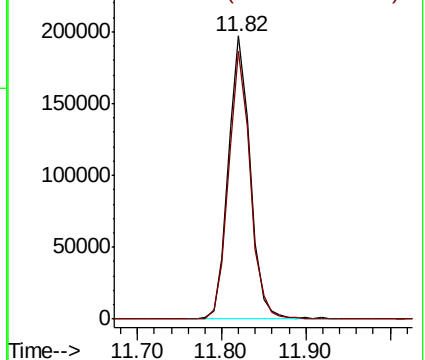
107 100

109 94.7 77.3 115.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.90 (108.60 to 109.60): V



#62

4-Bromofluorobenzene

Concen: 51.280 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. -0.00 min

Lab File: VD062556.D

Acq: 30 May 2019 17:13

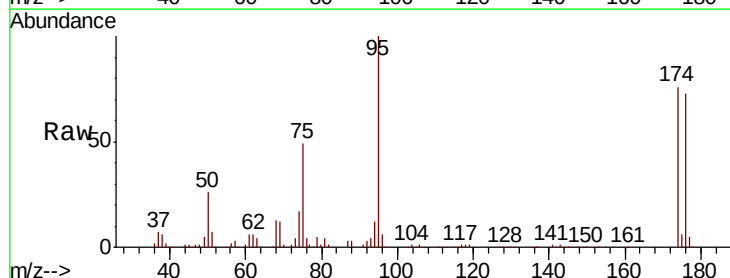
Tgt Ion: 95 Resp: 527461

Ion Ratio Lower Upper

95 100

174 75.8 0.0 160.2

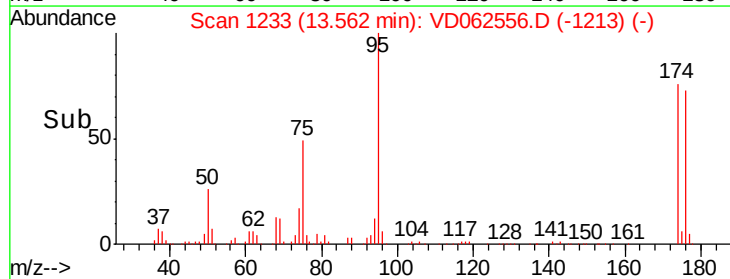
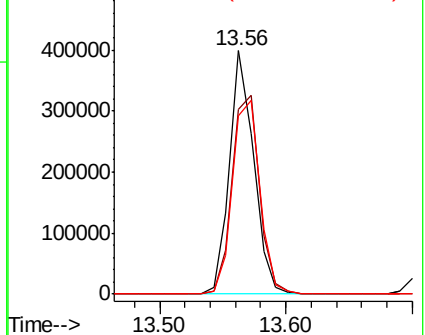
176 73.3 0.0 148.0

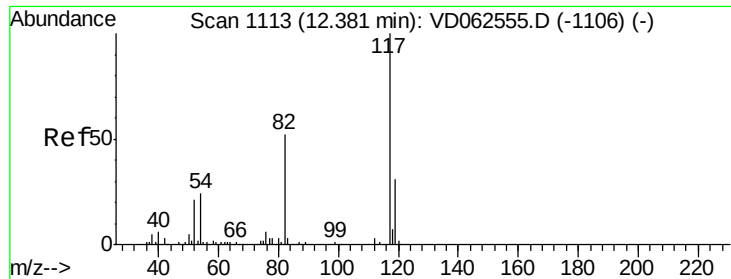


Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

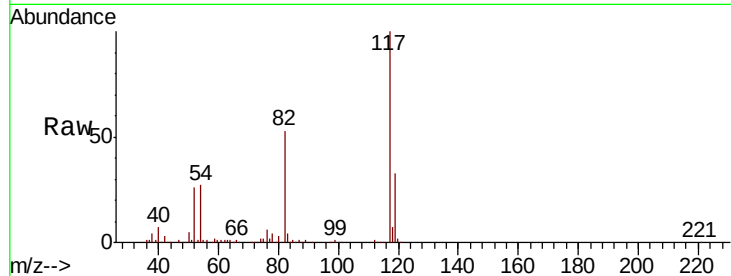




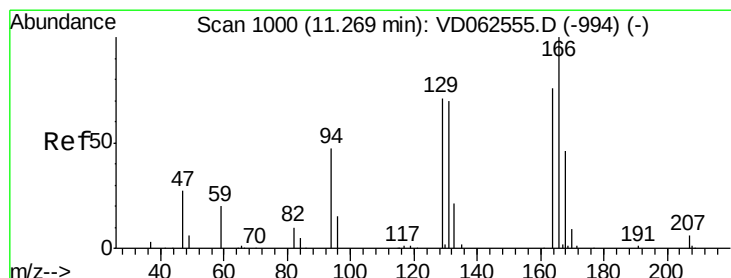
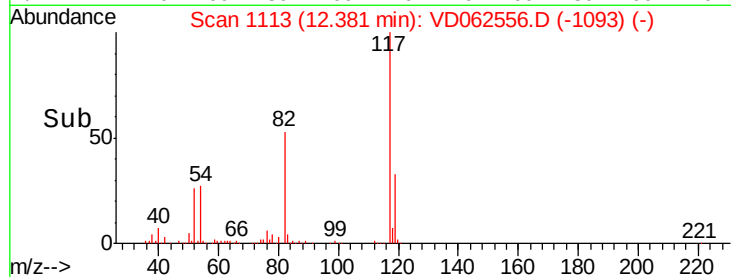
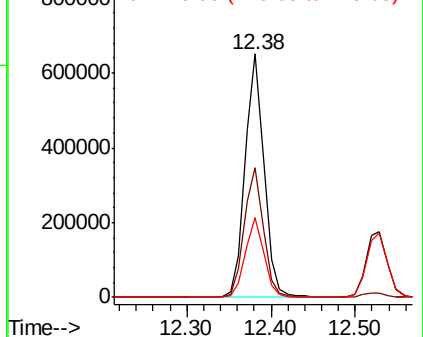
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VD062556.D
Acq: 30 May 2019 17:13

Tot Ion:117 Resp: 1019038

Ion	Ratio	Lower	Upper
117	100		
82	53.4	41.4	62.2
119	32.6	24.9	37.3



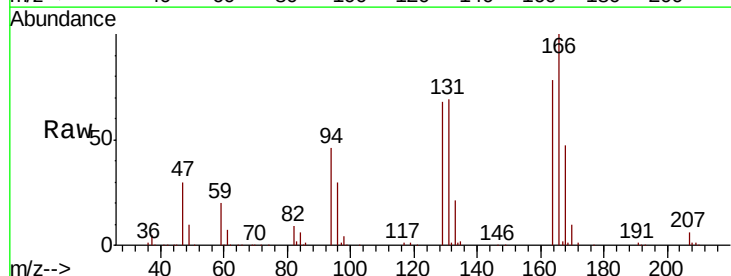
Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): VD
Ion 118.95 (118.65 to 119.65): V



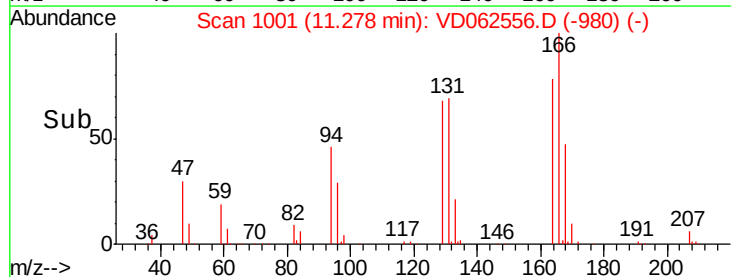
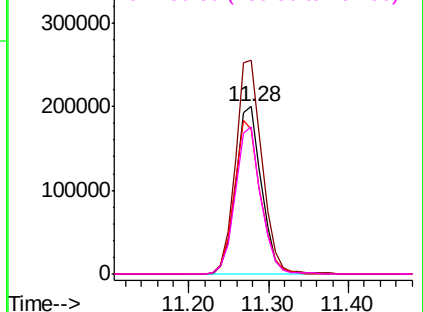
#64
Tetrachloroethene
Concen: 49.933 ug/l
RT: 11.28 min Scan# 1001
Delta R.T. 0.01 min
Lab File: VD062556.D
Acq: 30 May 2019 17:13

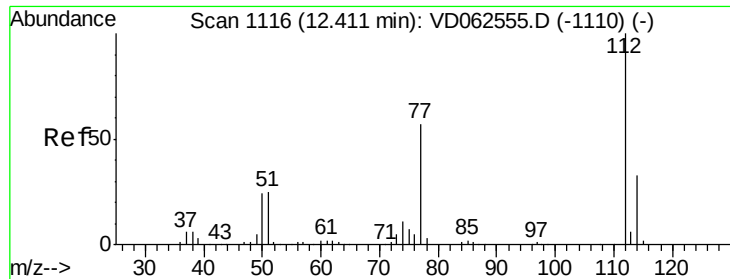
Tgt Ion:164 Resp: 449808

Ion	Ratio	Lower	Upper
164	100		
166	127.7	105.3	157.9
129	86.6	75.3	112.9
131	88.0	73.3	109.9



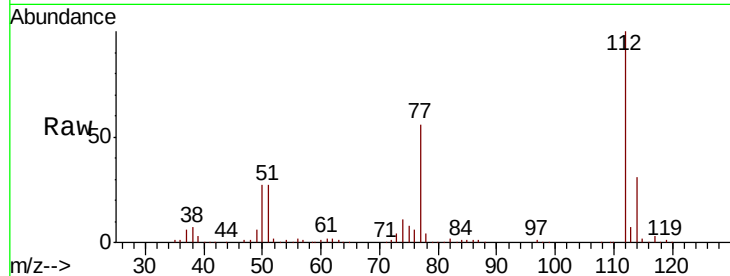
Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.85 (165.55 to 166.55): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V



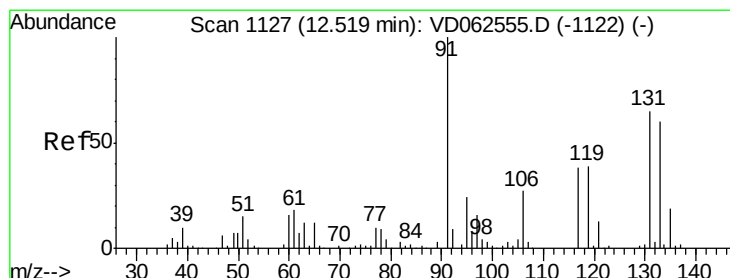
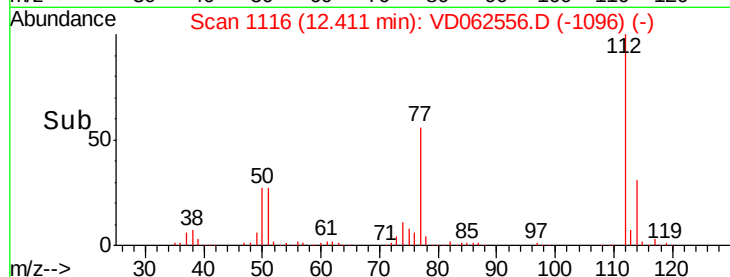
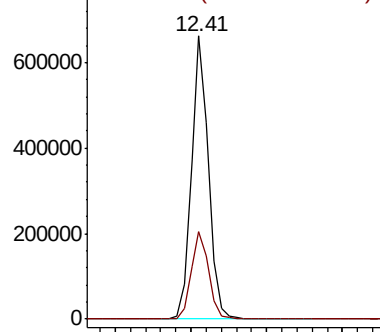


#65
Chlorobenzene
Concen: 52.517 ug/l
RT: 12.41 min Scan# 1116
Delta R.T. -0.00 min
Lab File: VD062556.D
Acq: 30 May 2019 17:13

Tot Ion:112 Resp: 1042566
Ion Ratio Lower Upper
112 100
114 31.1 26.6 39.8

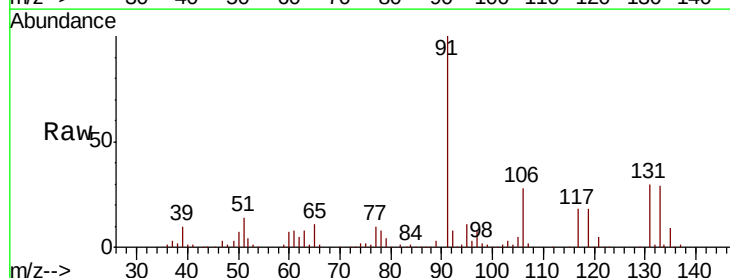


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 114.00 (113.70 to 114.70): V

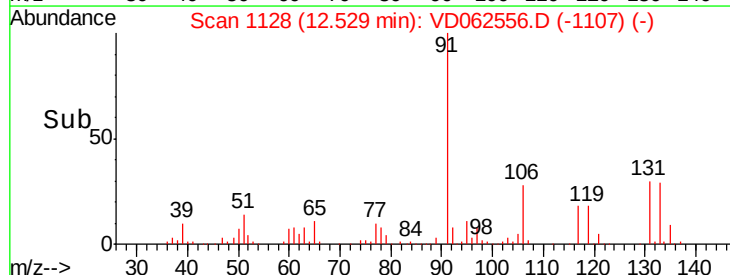
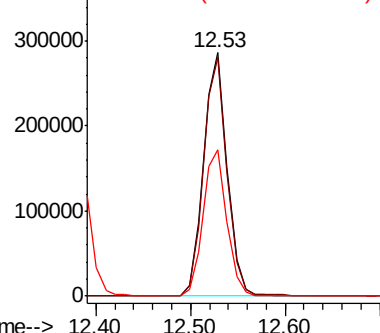


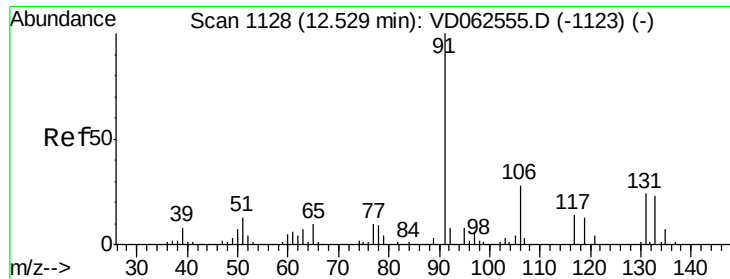
#66
1,1,1,2-Tetrachloroethane
Concen: 52.398 ug/l
RT: 12.53 min Scan# 1128
Delta R.T. 0.01 min
Lab File: VD062556.D
Acq: 30 May 2019 17:13

Tgt Ion:131 Resp: 491943
Ion Ratio Lower Upper
131 100
133 97.9 46.2 138.6
119 60.2 29.5 88.6



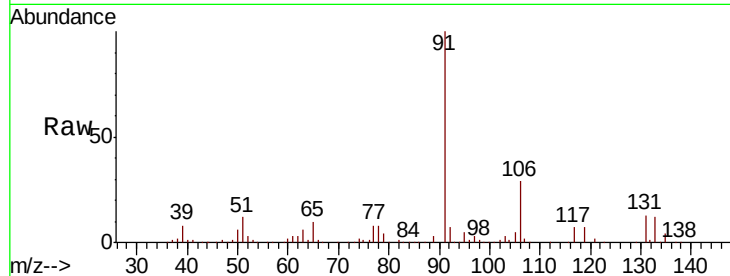
Abundance Ion 130.90 (130.60 to 131.60): V
Ion 132.90 (132.60 to 133.60): V
Ion 118.85 (118.55 to 119.55): V



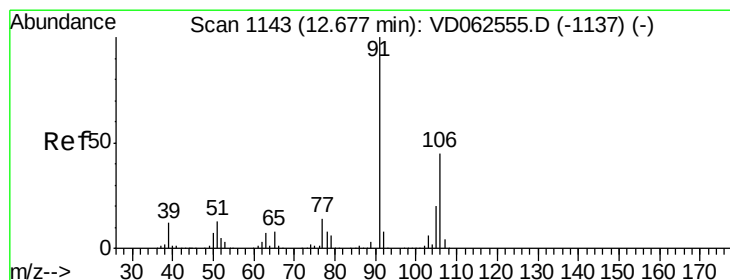
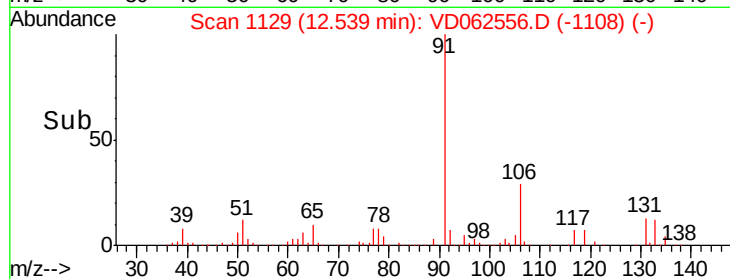
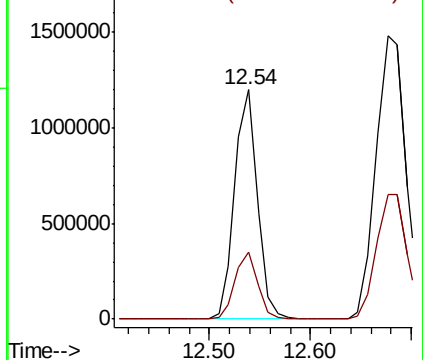


#67
Ethyl Benzene
Concen: 51.690 ug/l
RT: 12.54 min Scan# 1129
Delta R.T. 0.01 min
Lab File: VD062556.D
Acq: 30 May 2019 17:13

Tot Ion: 91 Resp: 1880080
Ion Ratio Lower Upper
91 100
106 29.2 22.2 33.2

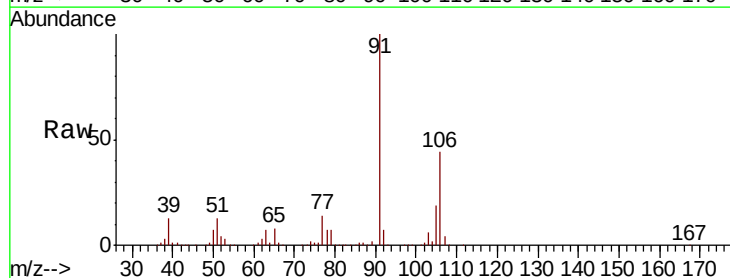


Abundance Ion 91.00 (90.70 to 91.70): VDC
Ion 106.05 (105.75 to 106.75): V

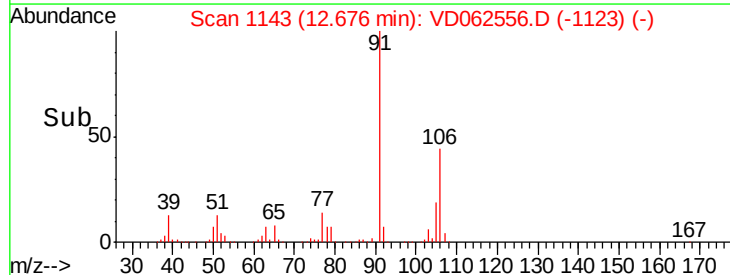
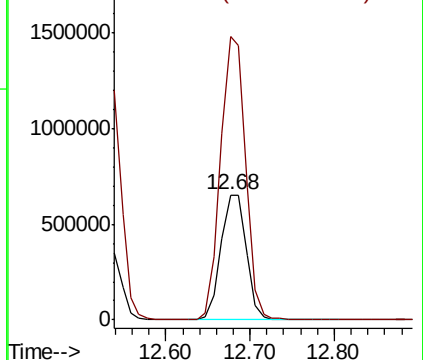


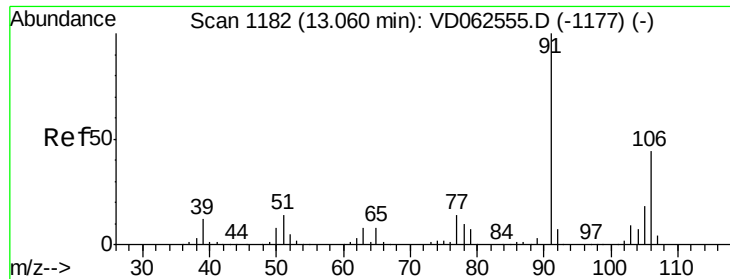
#68
m/p-Xylenes
Concen: 108.595 ug/l
RT: 12.68 min Scan# 1143
Delta R.T. -0.00 min
Lab File: VD062556.D
Acq: 30 May 2019 17:13

Tgt Ion:106 Resp: 1366356
Ion Ratio Lower Upper
106 100
91 226.9 178.9 268.3



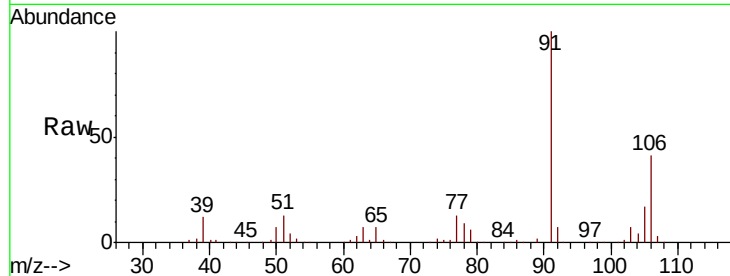
Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VDC



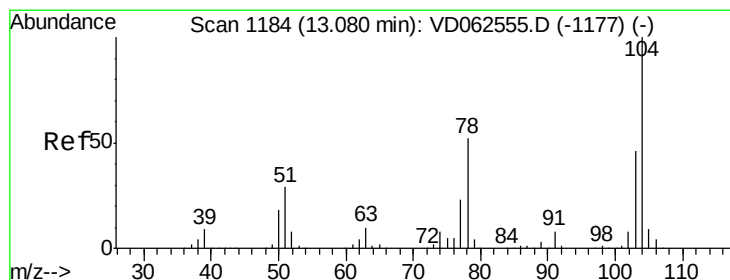
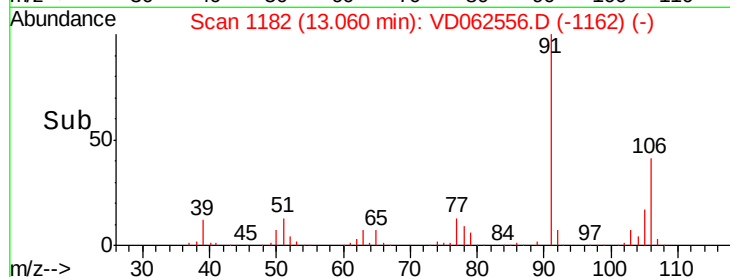
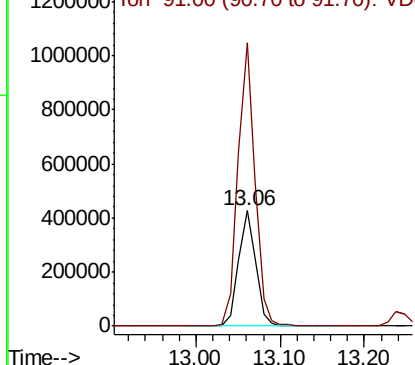


#69
o-Xylene
Concen: 51.061 ug/l
RT: 13.06 min Scan# 1182
Delta R.T. -0.00 min
Lab File: VD062556.D
Acq: 30 May 2019 17:13

Tot Ion:106 Resp: 612862
Ion Ratio Lower Upper
106 100
91 244.8 113.9 341.8

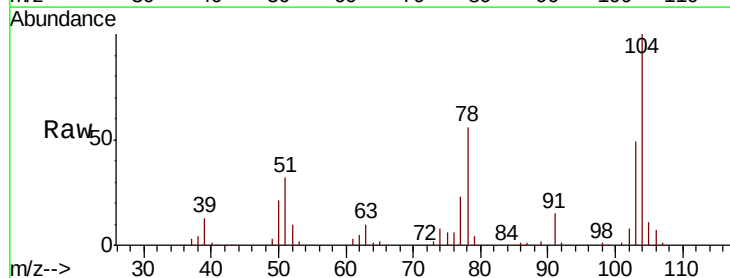


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V

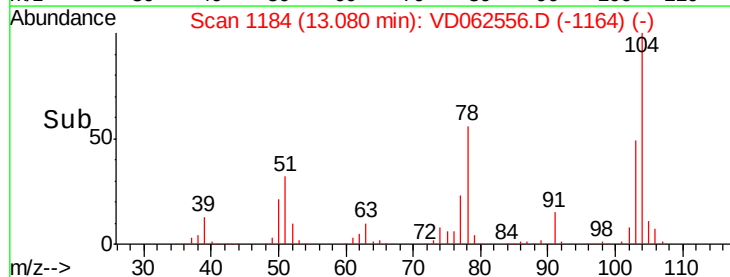
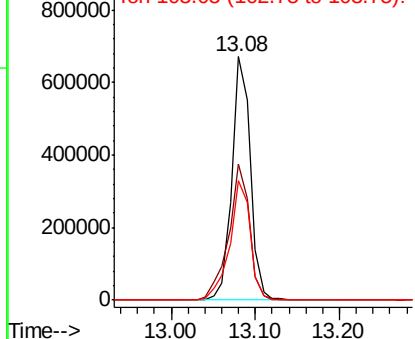


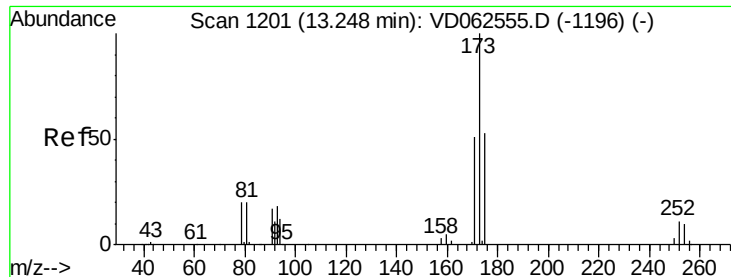
#70
Styrene
Concen: 50.239 ug/l
RT: 13.08 min Scan# 1184
Delta R.T. -0.00 min
Lab File: VD062556.D
Acq: 30 May 2019 17:13

Tgt Ion:104 Resp: 1023860
Ion Ratio Lower Upper
104 100
78 55.9 41.5 62.3
103 49.1 36.6 55.0



Abundance Ion 104.05 (103.75 to 104.75): V
Ion 77.95 (77.65 to 78.65): V
Ion 103.05 (102.75 to 103.75): V





#71

Bromoform

Concen: 53.003 ug/l

RT: 13.25 min Scan# 1201

Delta R.T. -0.00 min

Lab File: VD062556.D

Acq: 30 May 2019 17:13

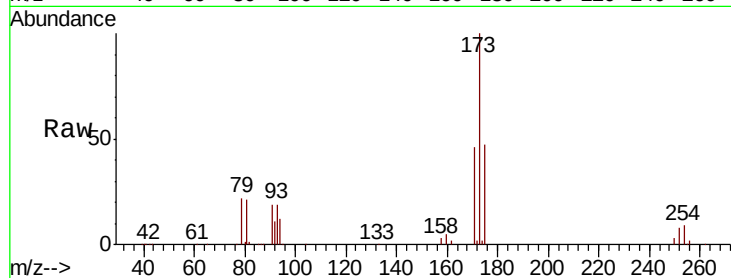
Tot Ion:173 Resp: 349324

Ion	Ratio	Lower	Upper
173	100		
175	46.8	26.6	79.7
254	8.5	8.1	12.1

173 100

175 46.8 26.6 79.7

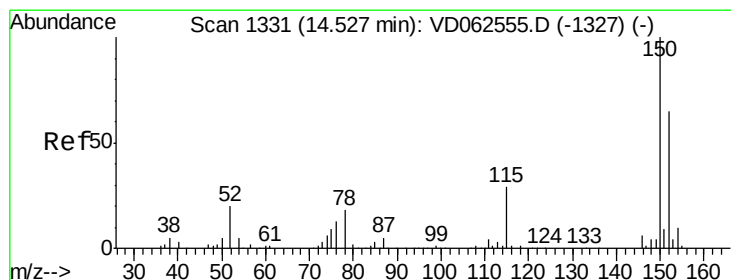
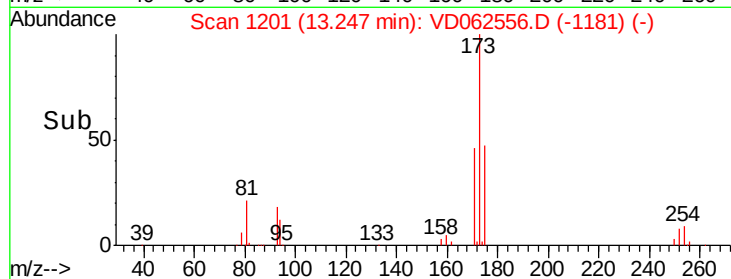
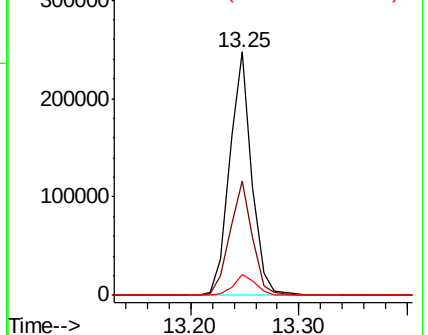
254 8.5 8.1 12.1



Abundance Ion 172.80 (172.50 to 173.50): V

Ion 174.80 (174.50 to 175.50): V

Ion 253.70 (253.40 to 254.40): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.53 min Scan# 1331

Delta R.T. -0.00 min

Lab File: VD062556.D

Acq: 30 May 2019 17:13

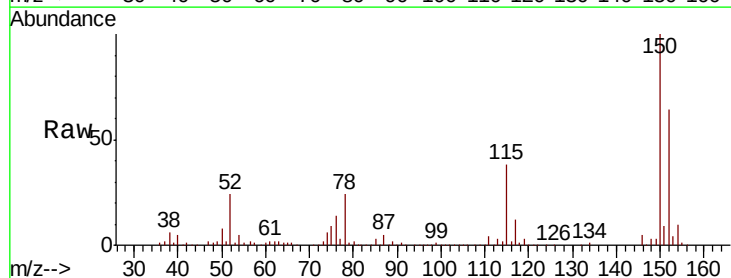
Tgt Ion:152 Resp: 561498

Ion	Ratio	Lower	Upper
152	100		
115	59.4	28.4	85.3
150	155.8	0.0	310.4

152 100

115 59.4 28.4 85.3

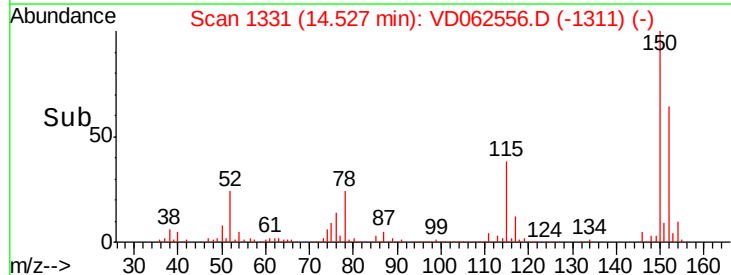
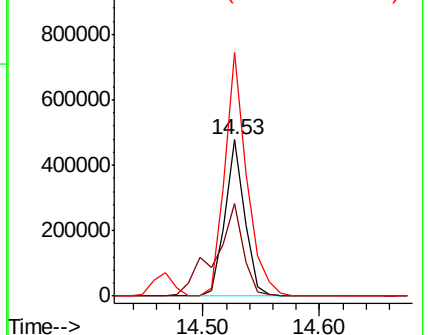
150 155.8 0.0 310.4

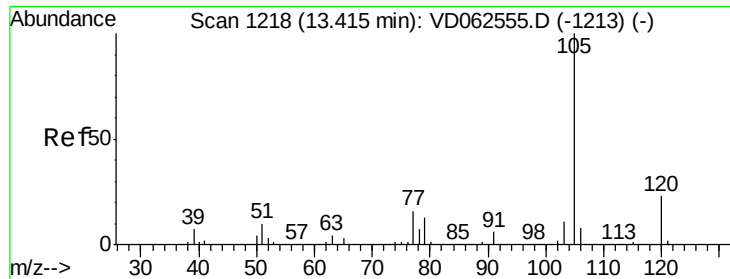


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.913 ug/l

RT: 13.41 min Scan# 1218

Delta R.T. -0.00 min

Lab File: VD062556.D

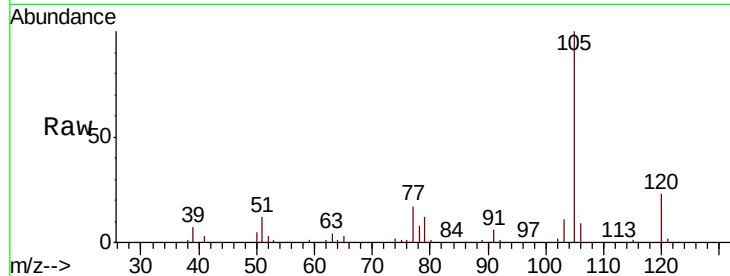
Acq: 30 May 2019 17:13

Tot Ion:105 Resp: 1921698

Ion Ratio Lower Upper

105 100

120 23.2 11.6 34.8



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

13.41

1500000

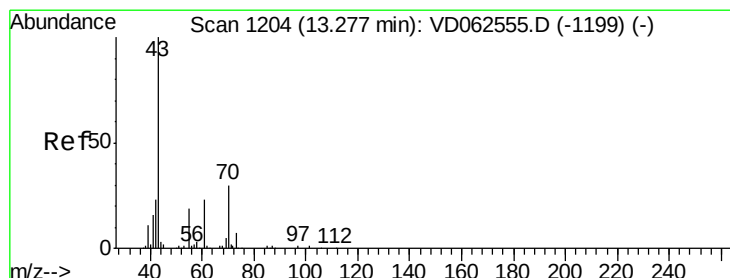
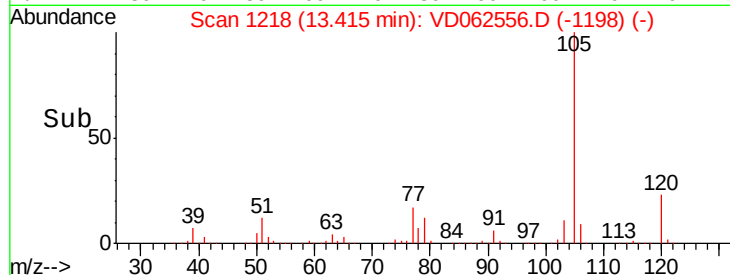
1000000

500000

0

Time-->

13.40 13.50



#74

N-ethyl acetate

Concen: 51.182 ug/l

RT: 13.28 min Scan# 1204

Delta R.T. -0.00 min

Lab File: VD062556.D

Acq: 30 May 2019 17:13

Tgt Ion: 43 Resp: 483083

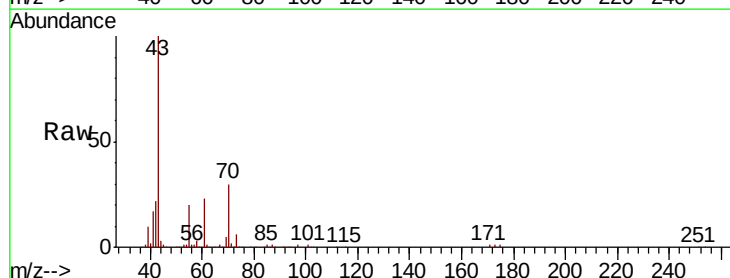
Ion Ratio Lower Upper

43 100

70 29.7 23.7 35.5

55 19.8 15.0 22.4

61 22.9 18.4 27.6



Abundance Ion 42.95 (42.65 to 43.65): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 60.95 (60.65 to 61.65): V

600000

500000

400000

300000

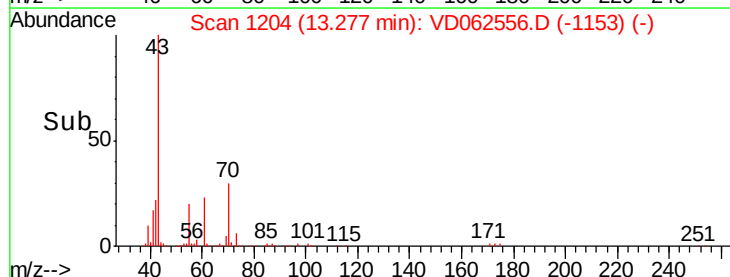
200000

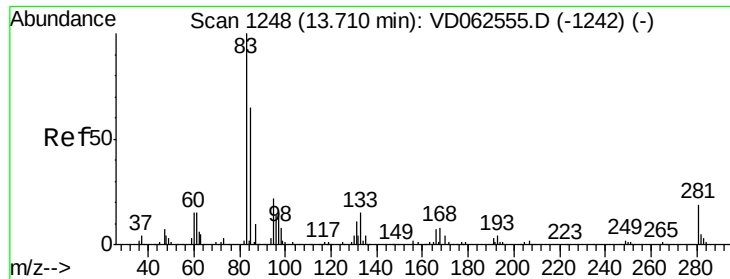
100000

0

Time-->

13.20 13.30 13.40





#75

1,1,2,2-Tetrachloroethane

Concen: 52.944 ug/l

RT: 13.71 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VD062556.D

Acq: 30 May 2019 17:13

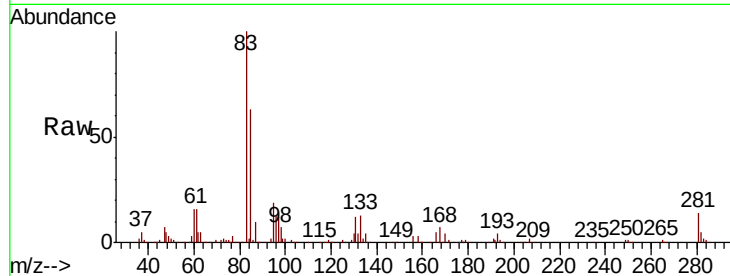
Tot Ion: 83 Resp: 310824

Ion	Ratio	Lower	Upper
83	100		
131	12.2	5.7	17.1
85	63.1	32.6	97.8

83 100

131 12.2 5.7 17.1

85 63.1 32.6 97.8



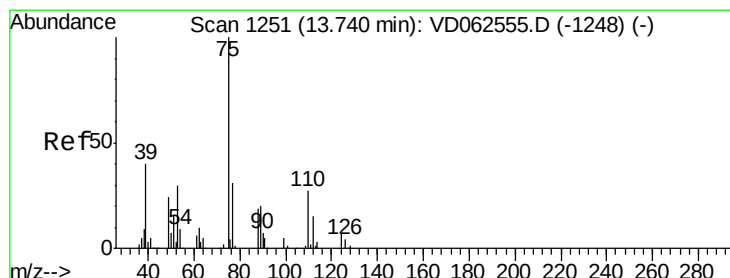
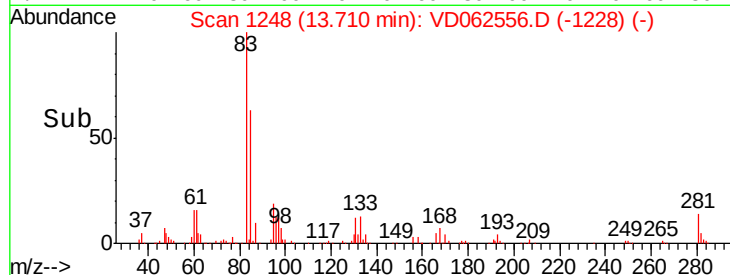
Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 130.90 (130.60 to 131.60): VDC

Ion 84.95 (84.65 to 85.65): VDC

13.71

Time--> 13.60 13.70 13.80



#76

1,2,3-Trichloropropane

Concen: 54.518 ug/l

RT: 13.74 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VD062556.D

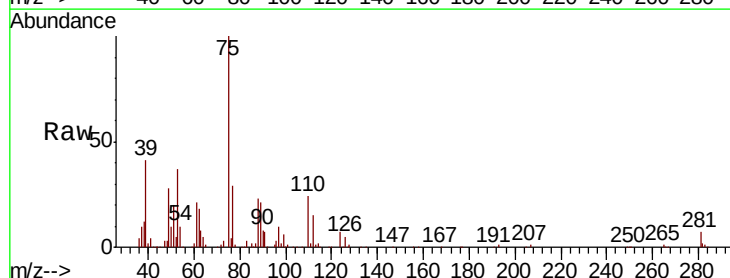
Acq: 30 May 2019 17:13

Tgt Ion: 75 Resp: 367255

Ion	Ratio	Lower	Upper
75	100		
77	29.5	16.5	49.5

75 100

77 29.5 16.5 49.5

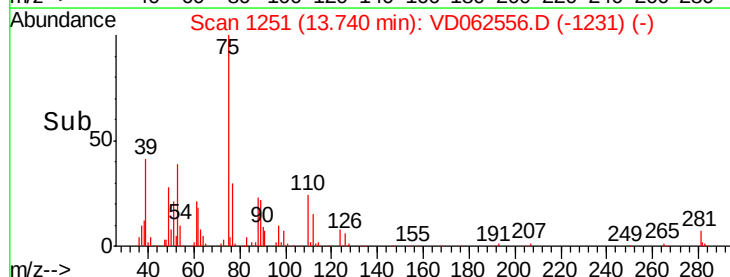


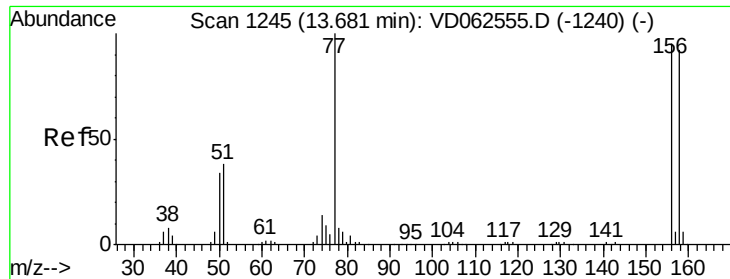
Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

13.74

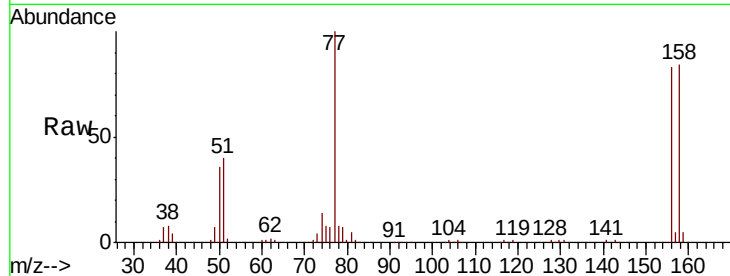
Time--> 13.70 13.75 13.80 13.85



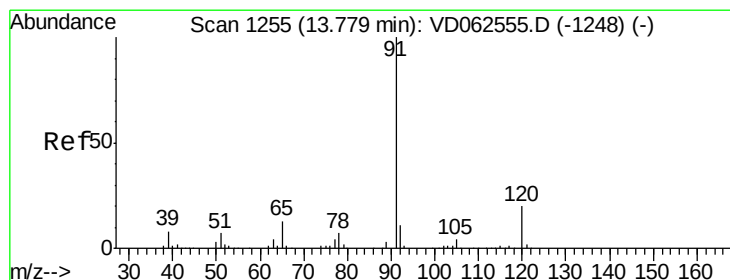
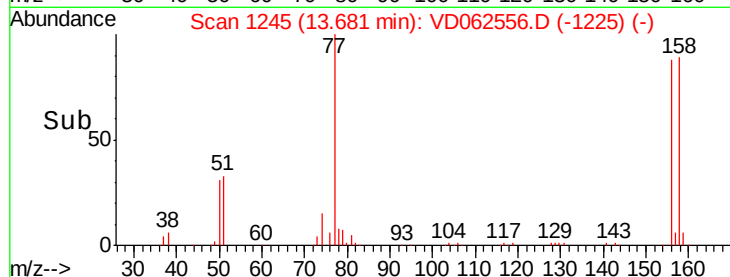
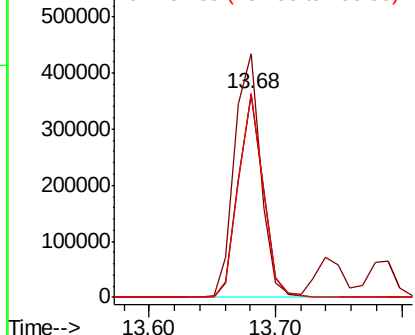


#77
Bromobenzene
Concen: 48.573 ug/l
RT: 13.68 min Scan# 1245
Delta R.T. -0.00 min
Lab File: VD062556.D
Acq: 30 May 2019 17:13

Tot Ion:156 Resp: 492987
Ion Ratio Lower Upper
156 100
77 120.1 52.9 158.7
158 100.5 48.5 145.5

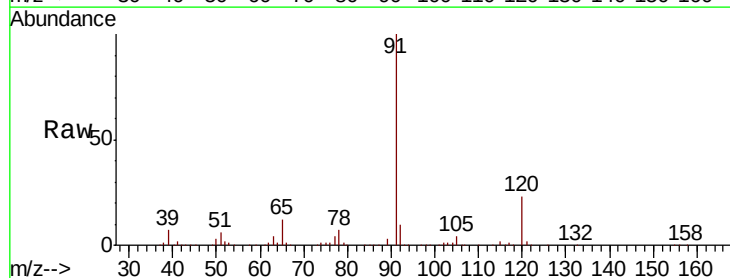


Abundance Ion 155.90 (155.60 to 156.60): V
Ion 76.95 (76.65 to 77.65): V
Ion 157.85 (157.55 to 158.55): V

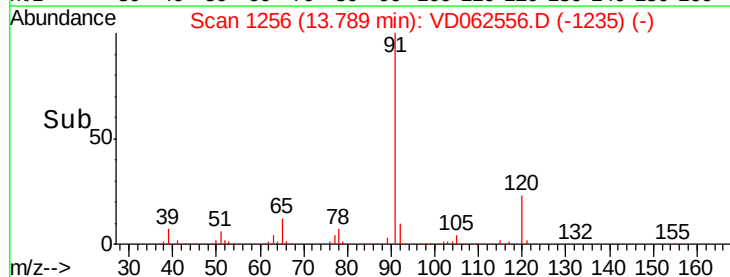
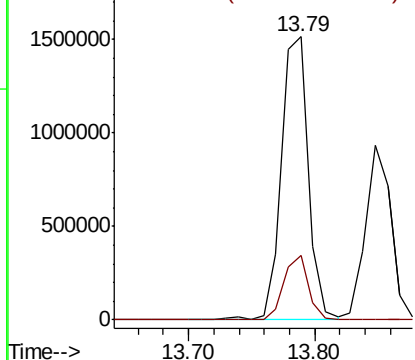


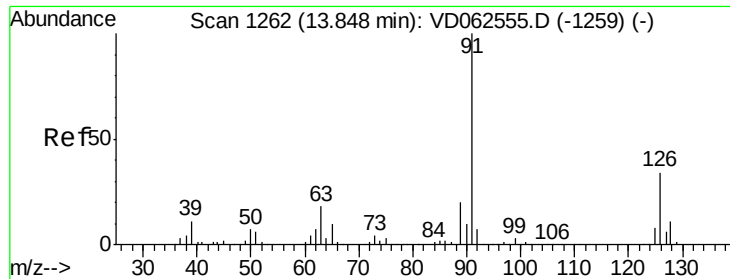
#78
n-propylbenzene
Concen: 52.746 ug/l
RT: 13.79 min Scan# 1256
Delta R.T. 0.01 min
Lab File: VD062556.D
Acq: 30 May 2019 17:13

Tgt Ion: 91 Resp: 2250563
Ion Ratio Lower Upper
91 100
120 22.8 10.0 29.8



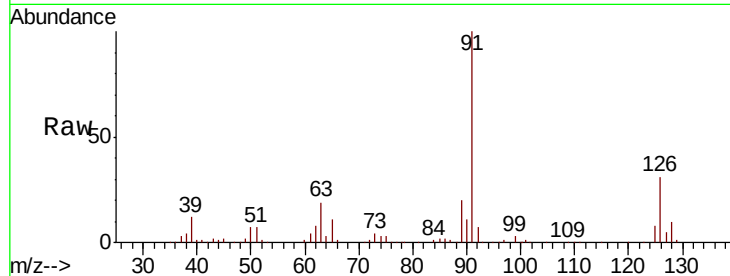
Abundance Ion 91.00 (90.70 to 91.70): V
Ion 120.05 (119.75 to 120.75): V



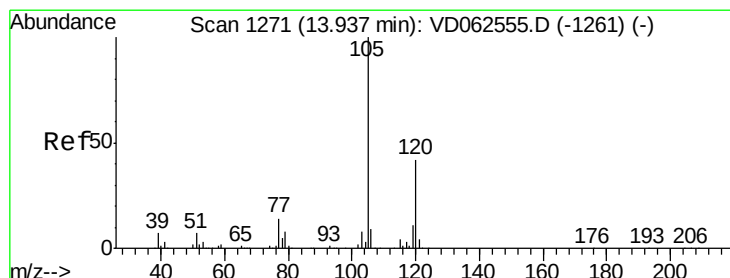
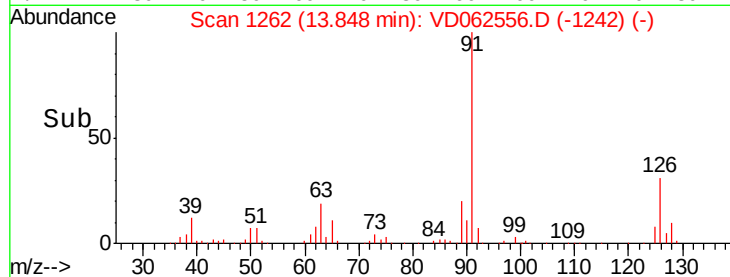
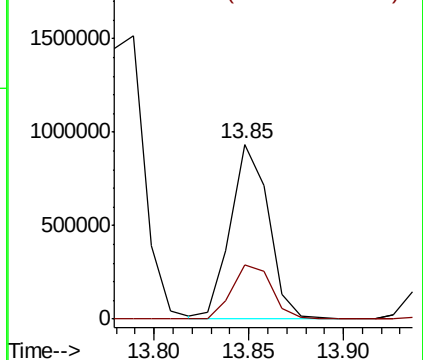


#79
 2-Chlorotoluene
 Concen: 52.542 ug/l
 RT: 13.85 min Scan# 1262
 Delta R.T. -0.00 min
 Lab File: VD062556.D
 Acq: 30 May 2019 17:13

Tot Ion: 91 Resp: 1299911
 Ion Ratio Lower Upper
 91 100
 126 31.0 16.7 50.1

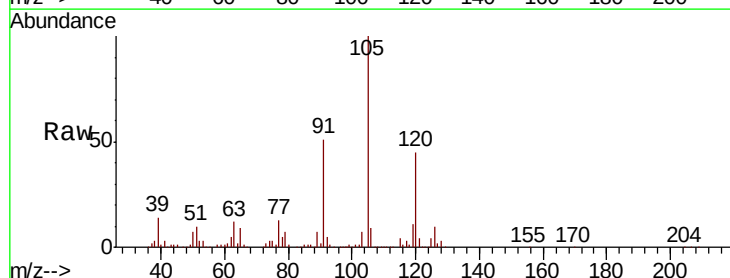


Abundance Ion 91.00 (90.70 to 91.70): VD062555.D (-1259) (-)
 Ion 125.95 (125.65 to 126.65): VD062555.D (-1259) (-)

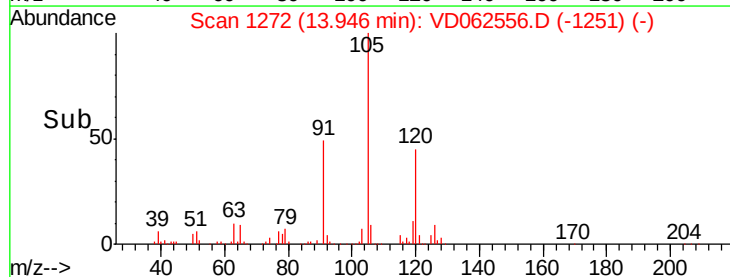
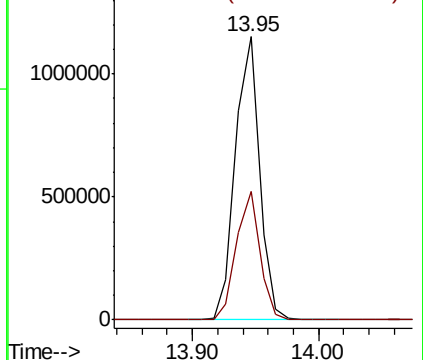


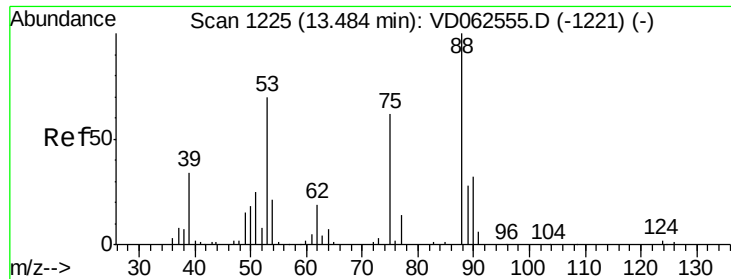
#80
 1,3,5-Trimethylbenzene
 Concen: 48.018 ug/l
 RT: 13.95 min Scan# 1272
 Delta R.T. 0.01 min
 Lab File: VD062556.D
 Acq: 30 May 2019 17:13

Tgt Ion: 105 Resp: 1518875
 Ion Ratio Lower Upper
 105 100
 120 45.3 20.8 62.5



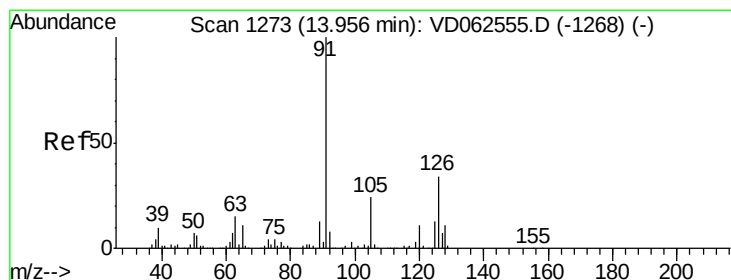
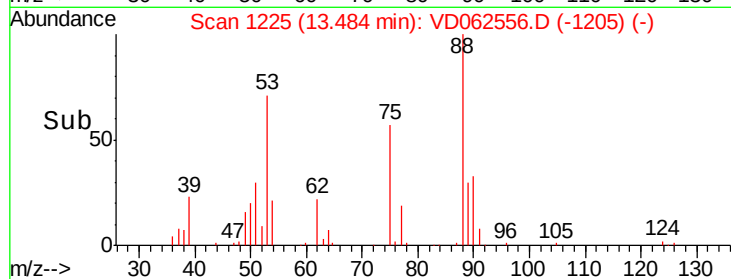
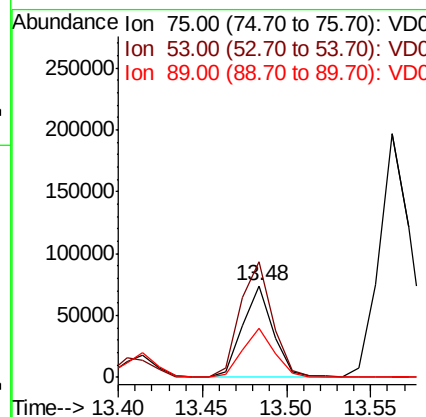
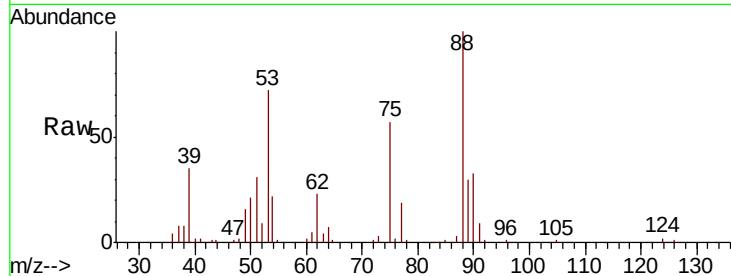
Abundance Ion 105.05 (104.75 to 105.75): VD062555.D (-1261) (-)
 Ion 120.05 (119.75 to 120.75): VD062555.D (-1261) (-)





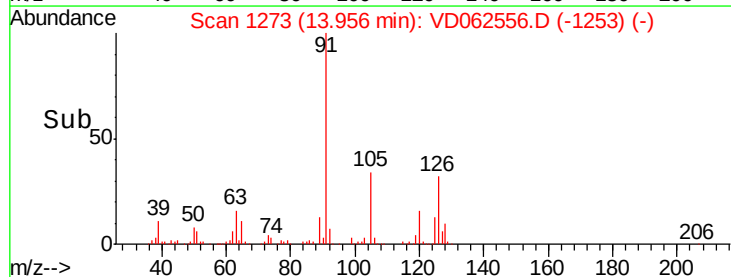
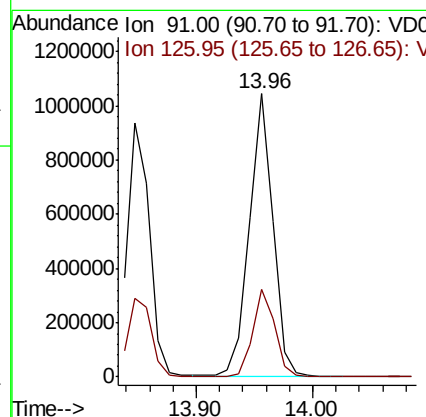
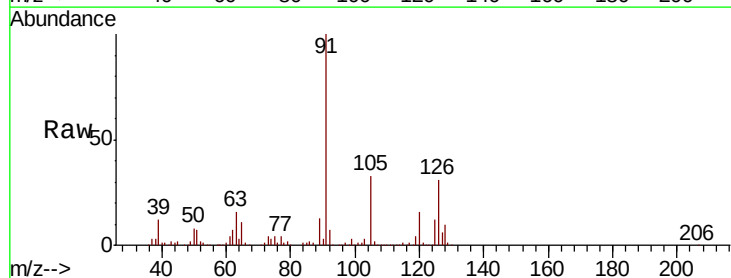
#81
trans-1,4-Dichloro-2-butene
Concen: 48.956 ug/l
RT: 13.48 min Scan# 1225
Delta R.T. -0.00 min
Lab File: VD062556.D
Acq: 30 May 2019 17:13

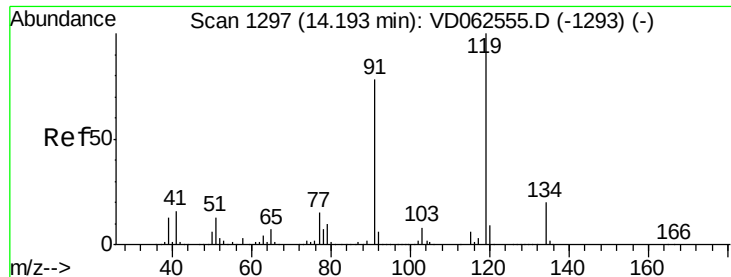
Tot Ion: 75 Resp: 94498
Ion Ratio Lower Upper
75 100
53 125.5 91.0 136.4
89 53.0 36.9 55.3



#82
4-Chlorotoluene
Concen: 49.458 ug/l
RT: 13.96 min Scan# 1273
Delta R.T. -0.00 min
Lab File: VD062556.D
Acq: 30 May 2019 17:13

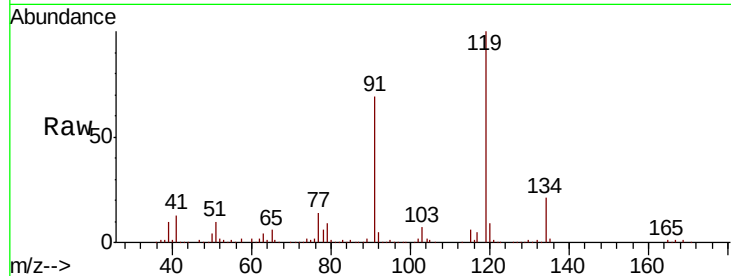
Tgt Ion: 91 Resp: 1464878
Ion Ratio Lower Upper
91 100
126 31.1 16.9 50.7



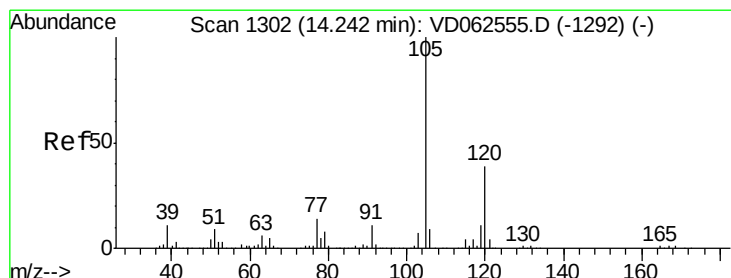
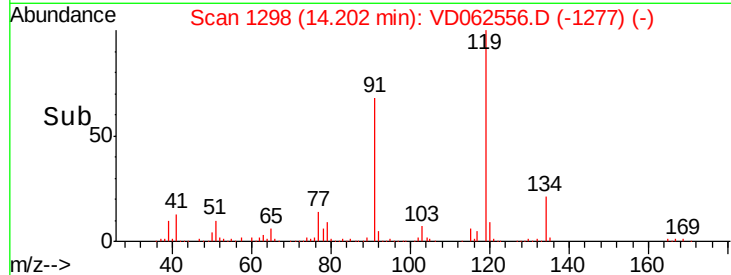
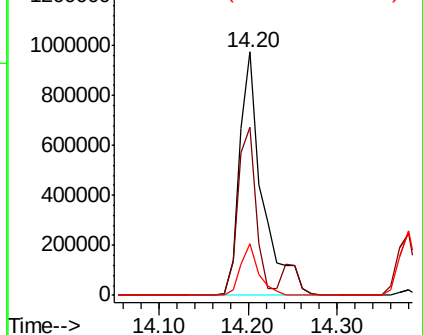


#83
 tert-Butylbenzene
 Concen: 49.079 ug/l
 RT: 14.20 min Scan# 1298
 Delta R.T. 0.01 min
 Lab File: VD062556.D
 Acq: 30 May 2019 17:13

Tot Ion:119 Resp: 1732238
 Ion Ratio Lower Upper
 119 100
 91 69.1 39.1 117.5
 134 21.2 10.1 30.3

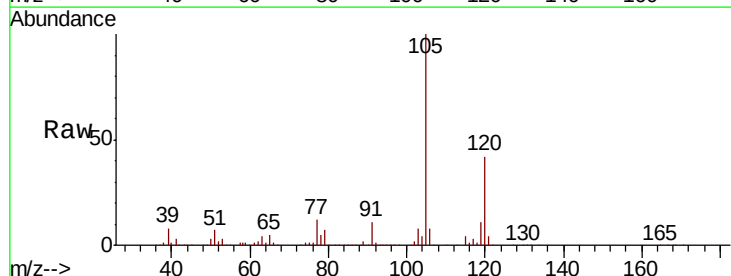


Abundance Ion 119.05 (118.75 to 119.75): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

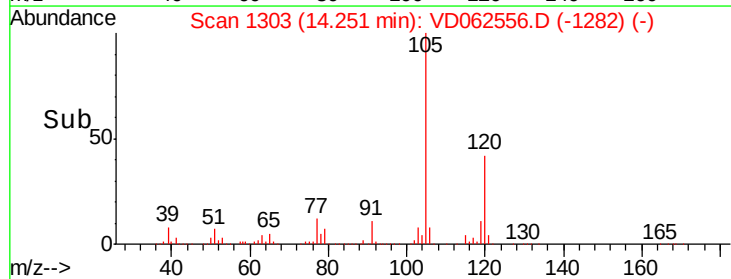
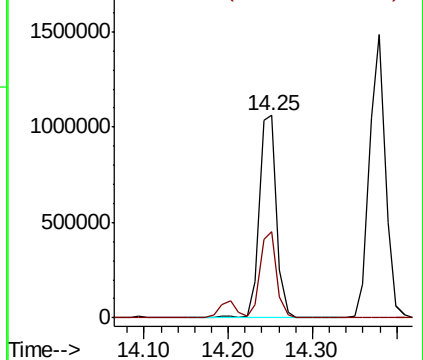


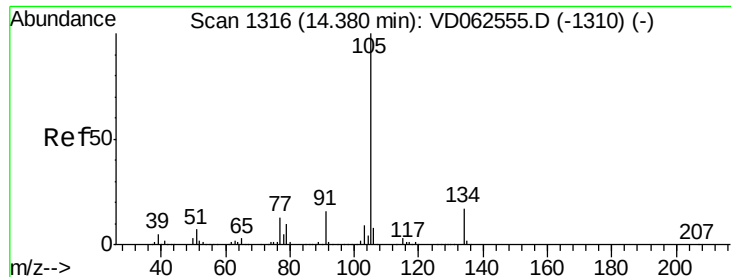
#84
 1,2,4-Trimethylbenzene
 Concen: 47.846 ug/l
 RT: 14.25 min Scan# 1303
 Delta R.T. 0.01 min
 Lab File: VD062556.D
 Acq: 30 May 2019 17:13

Tgt Ion:105 Resp: 1542152
 Ion Ratio Lower Upper
 105 100
 120 42.5 19.6 58.8



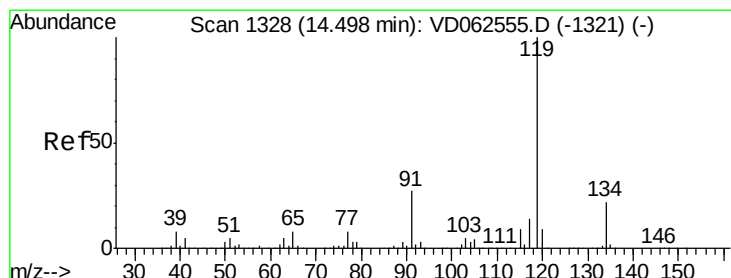
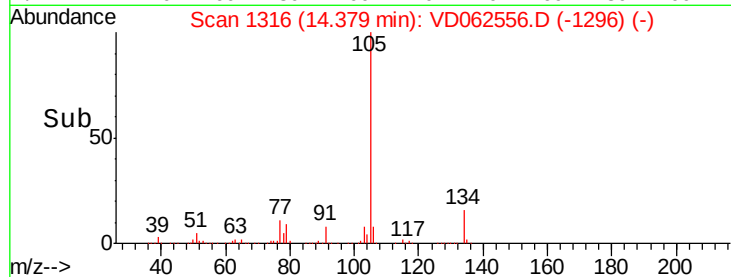
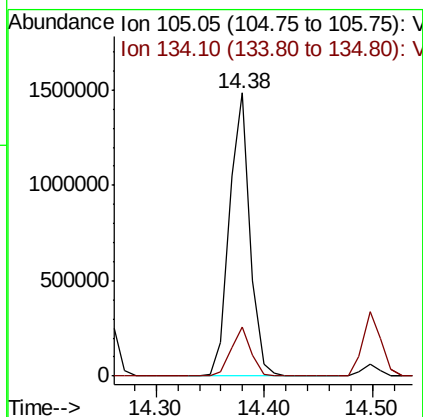
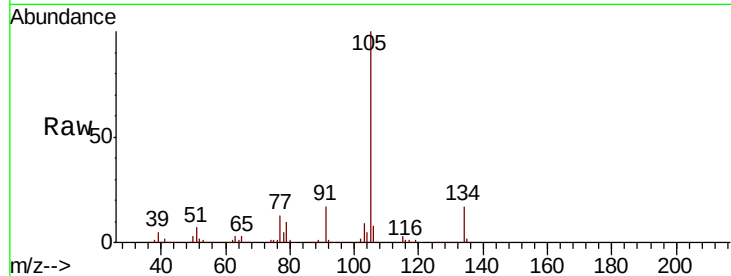
Abundance Ion 105.05 (104.75 to 105.75): V
 Ion 120.05 (119.75 to 120.75): V





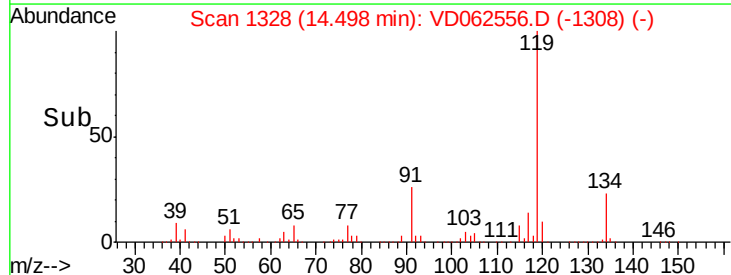
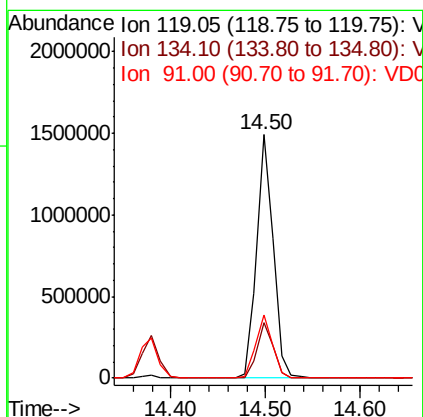
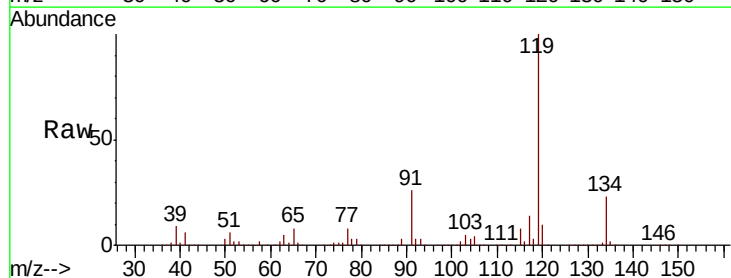
#85
 sec-Butylbenzene
 Concen: 51.988 ug/l
 RT: 14.38 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VD062556.D
 Acq: 30 May 2019 17:13

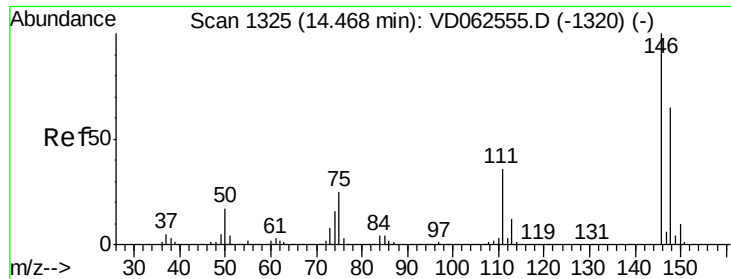
Tot Ion:105 Resp: 1943803
 Ion Ratio Lower Upper
 105 100
 134 17.4 8.7 26.1



#86
 p-Isopropyltoluene
 Concen: 51.885 ug/l
 RT: 14.50 min Scan# 1328
 Delta R.T. -0.00 min
 Lab File: VD062556.D
 Acq: 30 May 2019 17:13

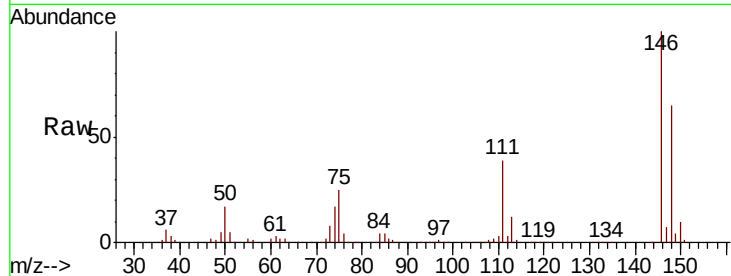
Tgt Ion:119 Resp: 1812465
 Ion Ratio Lower Upper
 119 100
 134 22.7 11.2 33.6
 91 26.1 13.6 40.7



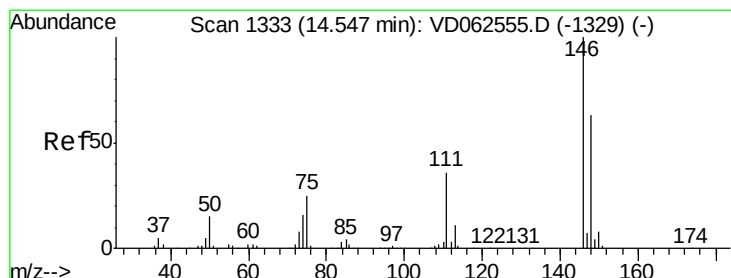
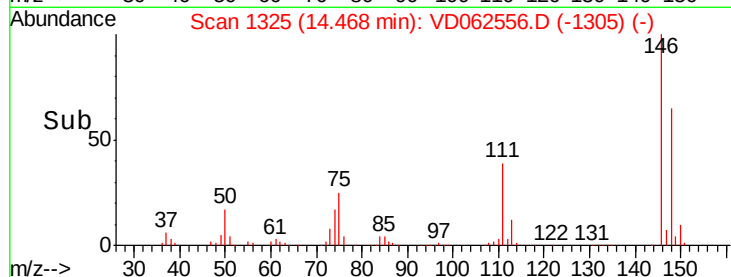
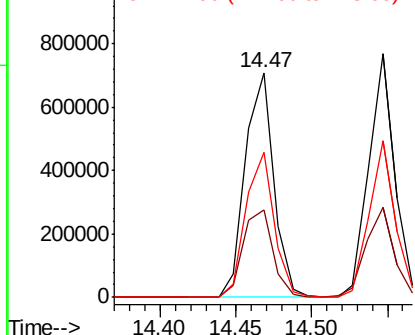


#87
 1,3-Dichlorobenzene
 Concen: 53.007 ug/l
 RT: 14.47 min Scan# 1325
 Delta R.T. -0.00 min
 Lab File: VD062556.D
 Acq: 30 May 2019 17:13

Tot Ion:146 Resp: 932583
 Ion Ratio Lower Upper
 146 100
 111 39.1 18.1 54.4
 148 64.7 32.3 96.9

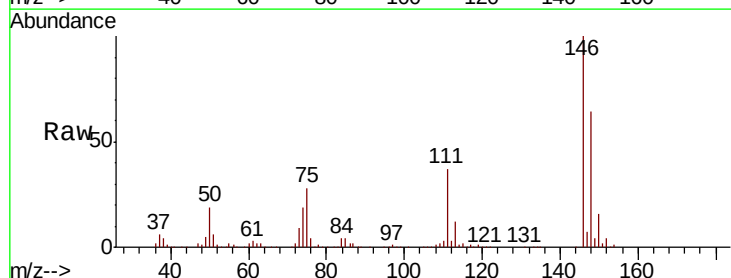


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

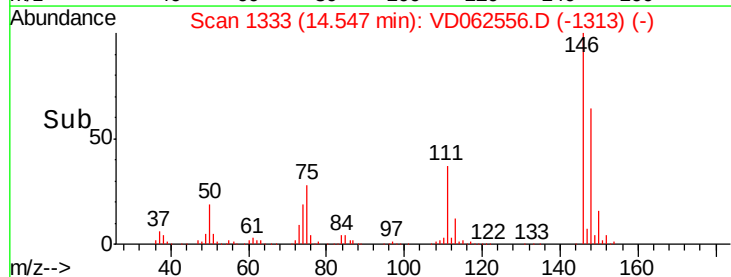
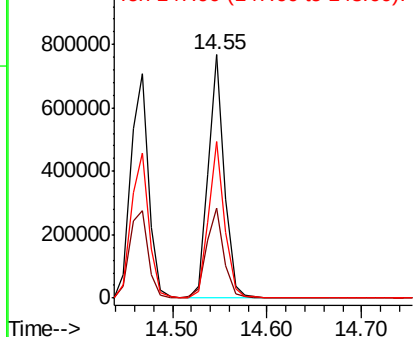


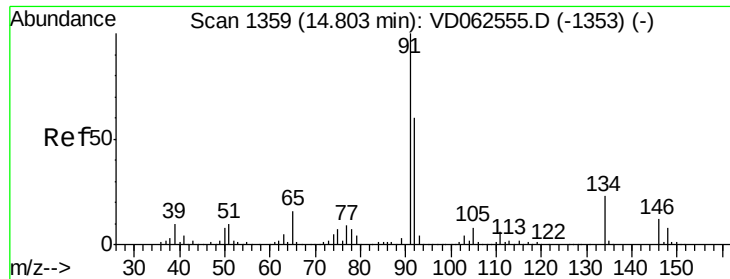
#88
 1,4-Dichlorobenzene
 Concen: 52.387 ug/l
 RT: 14.55 min Scan# 1333
 Delta R.T. -0.00 min
 Lab File: VD062556.D
 Acq: 30 May 2019 17:13

Tgt Ion:146 Resp: 923633
 Ion Ratio Lower Upper
 146 100
 111 37.2 18.2 54.6
 148 64.4 31.6 94.8



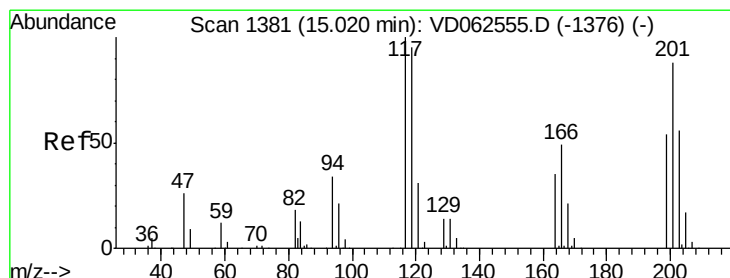
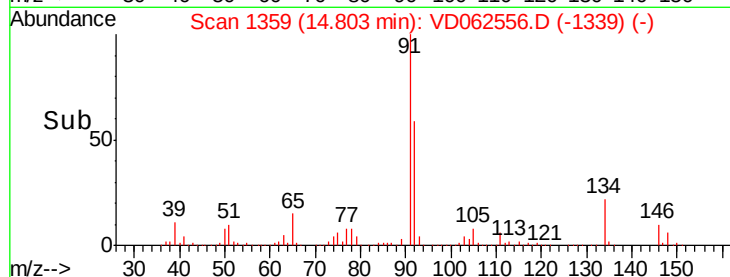
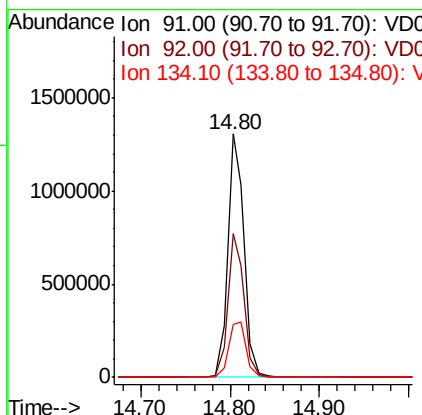
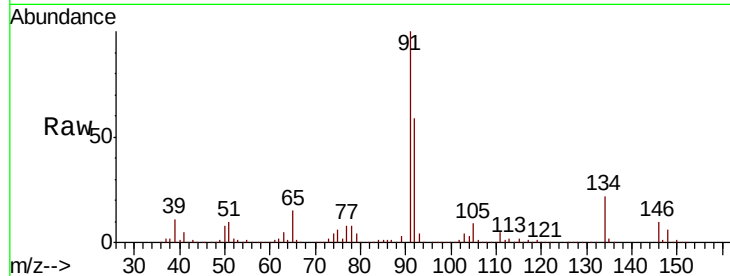
Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V





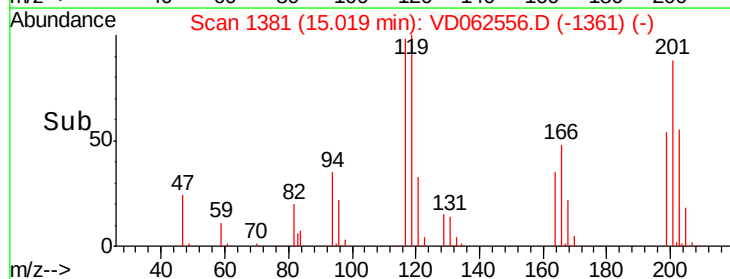
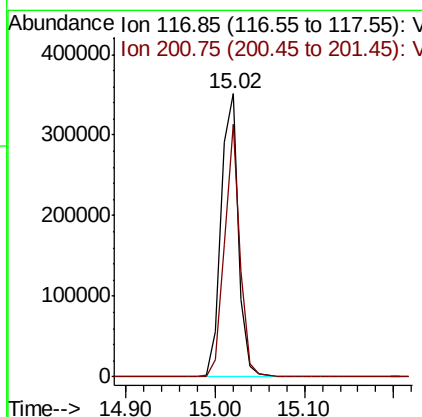
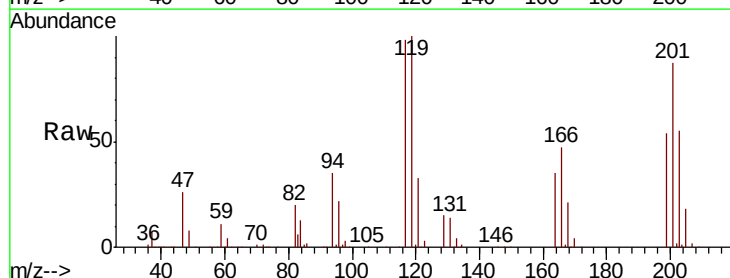
#89
n-Butylbenzene
Concen: 54.077 ug/l
RT: 14.80 min Scan# 1359
Delta R.T. -0.00 min
Lab File: VD062556.D
Acq: 30 May 2019 17:13

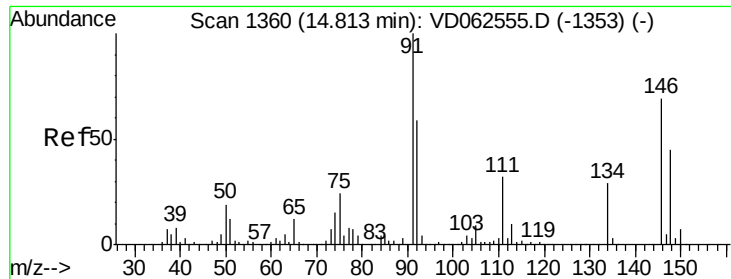
Tot Ion: 91 Resp: 1686306
Ion Ratio Lower Upper
91 100
92 59.0 29.8 89.4
134 22.0 11.3 33.8



#90
Hexachloroethane
Concen: 52.350 ug/l
RT: 15.02 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VD062556.D
Acq: 30 May 2019 17:13

Tgt Ion: 117 Resp: 485159
Ion Ratio Lower Upper
117 100
201 89.2 43.8 131.4





#91

1,2-Dichlorobenzene

Concen: 53.306 ug/l

RT: 14.81 min Scan# 1360

Delta R.T. -0.00 min

Lab File: VD062556.D

Acq: 30 May 2019 17:13

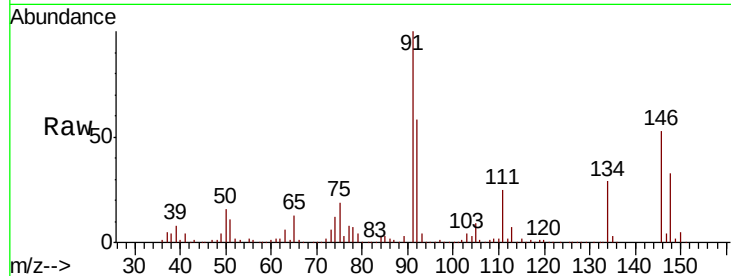
Tot Ion:146 Resp: 788944

Ion Ratio Lower Upper

146 100

111 46.4 22.8 68.4

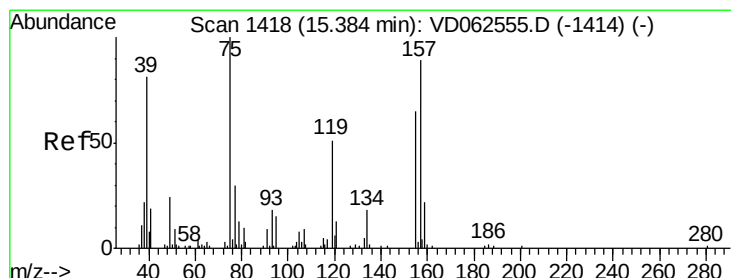
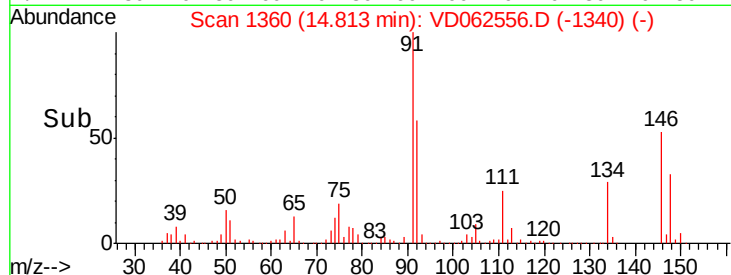
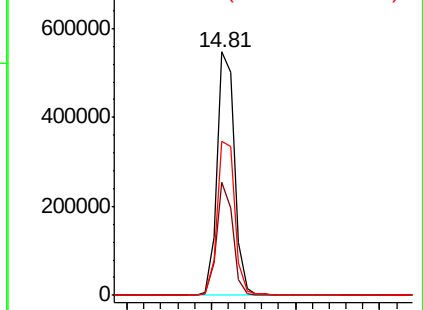
148 63.2 32.3 96.9



Abundance Ion 145.95 (145.65 to 146.65): 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: 51.924 ug/l

RT: 15.39 min Scan# 1419

Delta R.T. 0.01 min

Lab File: VD062556.D

Acq: 30 May 2019 17:13

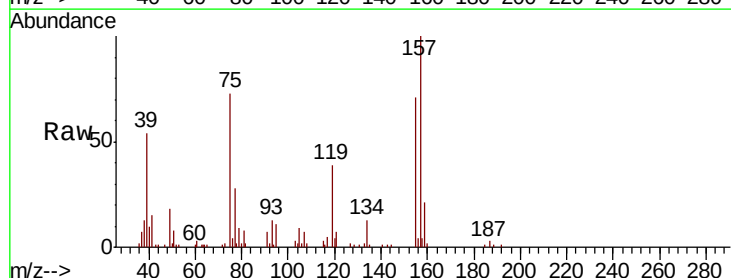
Tgt Ion: 75 Resp: 63209

Ion Ratio Lower Upper

75 100

155 96.6 32.6 97.8

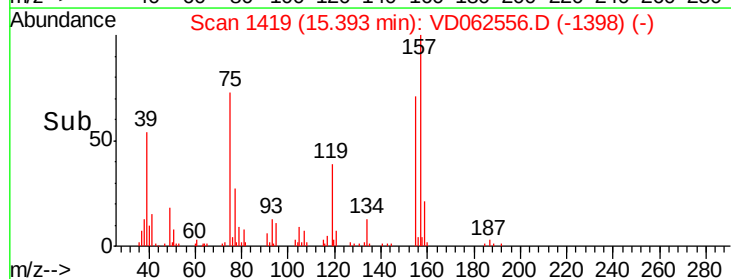
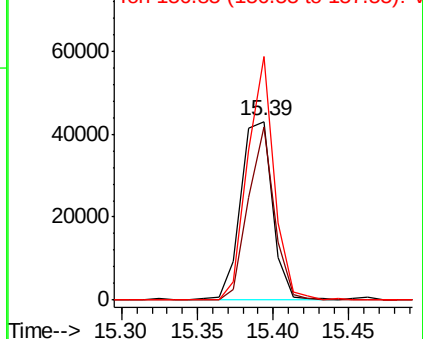
157 136.1 44.5 133.7#

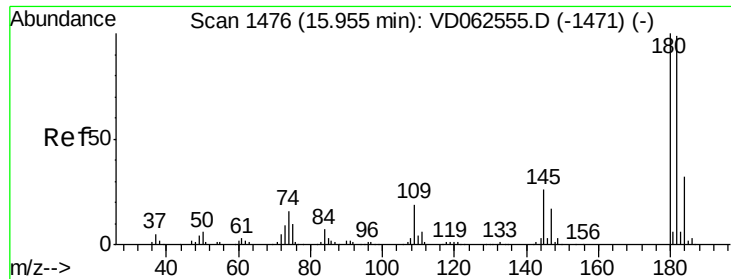


Abundance Ion 75.00 (74.70 to 75.70): V

Ion 154.90 (154.60 to 155.60): V

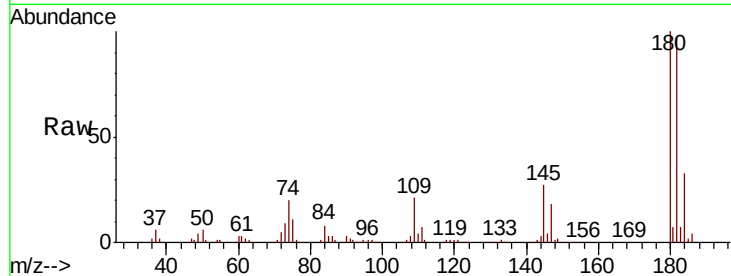
Ion 156.85 (156.55 to 157.55): V



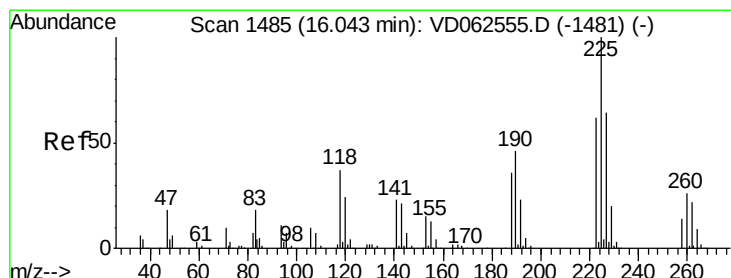
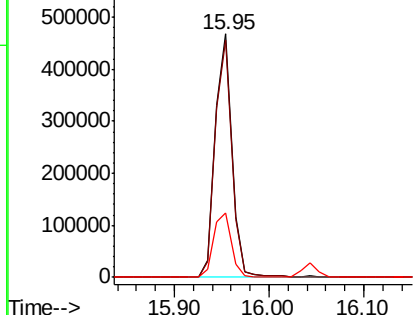
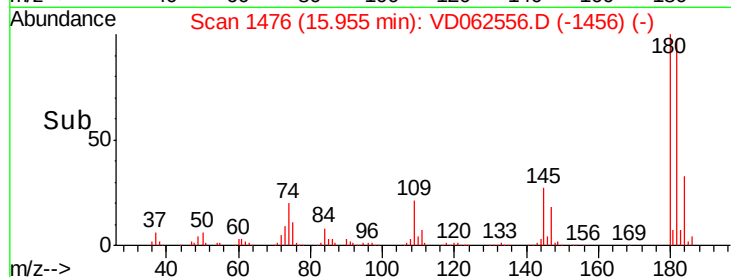


#93
 1,2,4-Trichlorobenzene
 Concen: 48.928 ug/l
 RT: 15.95 min Scan# 1476
 Delta R.T. -0.00 min
 Lab File: VD062556.D
 Acq: 30 May 2019 17:13

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.4	49.5	148.3
145	26.5	13.1	39.3

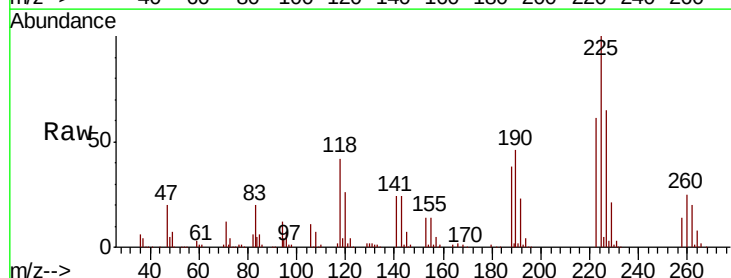


Abundance Ion 179.85 (179.55 to 180.55): V
 Ion 181.85 (181.55 to 182.55): V
 Ion 144.95 (144.65 to 145.65): V

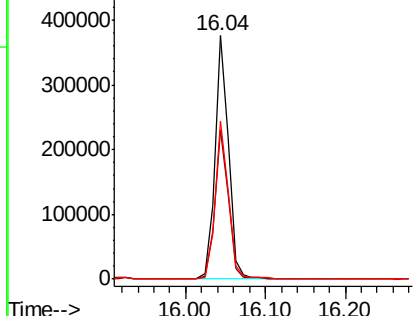
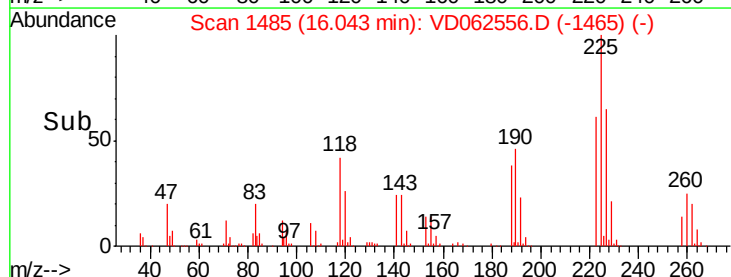


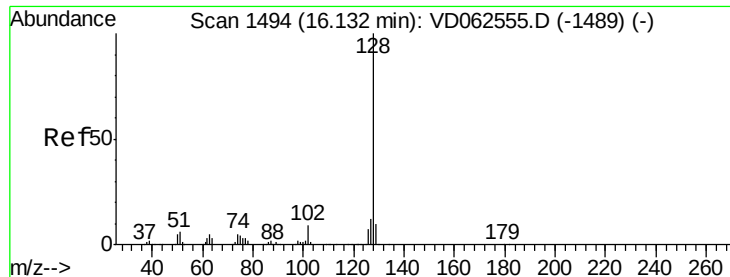
#94
 Hexachlorobutadiene
 Concen: 51.523 ug/l
 RT: 16.04 min Scan# 1485
 Delta R.T. -0.00 min
 Lab File: VD062556.D
 Acq: 30 May 2019 17:13

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.9	31.1	93.5
227	65.0	32.1	96.5



Abundance Ion 224.75 (224.45 to 225.45): V
 Ion 222.75 (222.45 to 223.45): V
 Ion 226.75 (226.45 to 227.45): V





#95

Naphthalene

Concen: 51.538 ug/l

RT: 16.13 min Scan# 1494

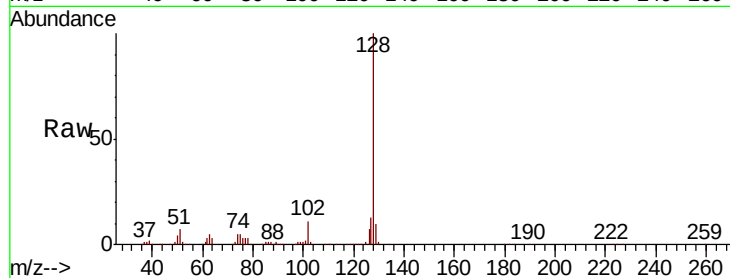
Delta R.T. -0.00 min

Lab File: VD062556.D

Acq: 30 May 2019 17:13

Tot Ion:128 Resp: 830614

Ion	Ratio	Lower	Upper
128	100		
127	13.1	9.7	14.5
129	10.3	8.2	12.2

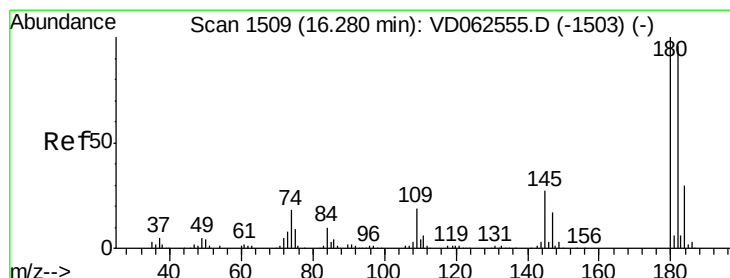
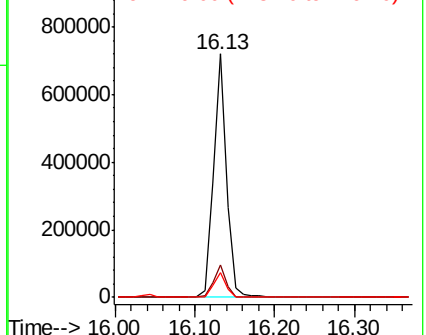
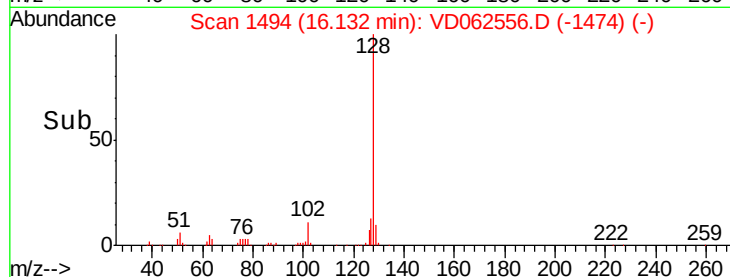


Abundance

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: 48.410 ug/l

RT: 16.28 min Scan# 1509

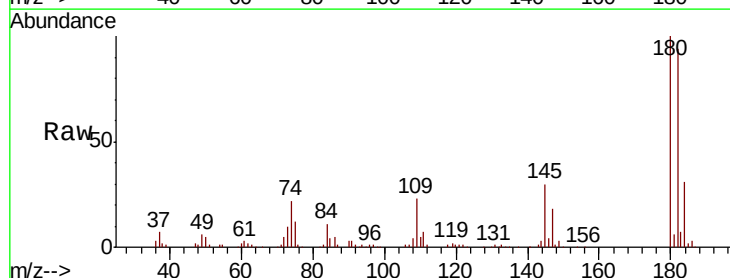
Delta R.T. -0.00 min

Lab File: VD062556.D

Acq: 30 May 2019 17:13

Tgt Ion:180 Resp: 427949

Ion	Ratio	Lower	Upper
180	100		
182	93.8	48.1	144.3
145	29.5	13.3	39.9



Abundance

Ion 179.85 (179.55 to 180.55): V

Ion 181.85 (181.55 to 182.55): V

Ion 144.95 (144.65 to 145.65): V

