

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD053019\
 Data File : VD062549.D
 Acq On : 30 May 2019 12:33
 Operator : VA/AP
 Sample : VSTDIC020
 Misc : 5.00µg/5ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 31 01:13:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 01:07:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	836803	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	1107902	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.38	117	921877	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	557671	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.46	65	203713	20.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.48%	
35) Dibromofluoromethane	6.93	113	207165	20.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.46%	
50) Toluene-d8	10.42	98	465636	20.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.98%	
62) 4-Bromofluorobenzene	13.56	95	201040	20.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	40.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.58	85	218535	21.918	ug/l	95
3) Chloromethane	1.75	50	268615	23.625	ug/l	97
4) Vinyl Chloride	1.85	62	164313	21.442	ug/l	92
5) Bromomethane	2.15	94	32736	13.921	ug/l	90
6) Chloroethane	2.26	64	65415	17.901	ug/l	90
7) Trichlorofluoromethane	2.53	101	313700	19.596	ug/l	95
8) Diethyl Ether	2.88	74	43664	21.228	ug/l	85
9) 1,1,2-Trichlorotrifluoroet	3.15	101	177693	18.764	ug/l	98
10) Methyl Iodide	3.31	142	180472	17.452	ug/l	96
11) Tert butyl alcohol	4.10	59	44008	97.470	ug/l #	76
12) 1,1-Dichloroethene	3.13	96	136966	20.350	ug/l	93
13) Acrolein	3.04	56	17504	89.566	ug/l	99
14) Allyl chloride	3.63	41	214227	20.330	ug/l	95
15) Acrylonitrile	4.21	53	108108	106.301	ug/l	96
16) Acetone	3.23	43	195104	96.320	ug/l	97
17) Carbon Disulfide	3.38	76	421088	19.688	ug/l	97
18) Methyl Acetate	3.65	43	71849	21.806	ug/l #	92
19) Methyl tert-butyl Ether	4.26	73	321589	19.616	ug/l	94
20) Methylene Chloride	3.82	84	145127	20.443	ug/l	98
21) trans-1,2-Dichloroethene	4.23	96	159613	20.917	ug/l	97
22) Diisopropyl ether	5.14	45	444765	20.968	ug/l #	98
23) Vinyl Acetate	5.07	43	1326532	102.757	ug/l	98
24) 1,1-Dichloroethane	5.00	63	286507	20.675	ug/l	99
25) 2-Butanone	6.09	43	185874	99.852	ug/l #	91
26) 2,2-Dichloropropane	6.04	77	317326	21.090	ug/l	98
27) cis-1,2-Dichloroethene	6.05	96	164668	20.950	ug/l	94
28) Bromochloromethane	6.45	49	93184	20.275	ug/l	90
29) Tetrahydrofuran	6.48	42	88486	103.393	ug/l	99
30) Chloroform	6.68	83	353110	21.176	ug/l	93
31) Cyclohexane	6.96	56	177637	19.349	ug/l	94
32) 1,1,1-Trichloroethane	6.88	97	363609	21.354	ug/l	96
36) 1,1-Dichloropropene	7.16	75	237672	21.152	ug/l	98
37) Ethyl Acetate	6.19	43	100171	19.965	ug/l #	88
38) Carbon Tetrachloride	7.12	117	349951	20.620	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.87	83	201106	21.365	ug/l	99
40) Benzene	7.46	78	456343	20.675	ug/l	99
41) Methacrylonitrile	6.46	41	119709	21.285	ug/l #	96
42) 1,2-Dichloroethane	7.59	62	265121	21.515	ug/l	99
43) Isopropyl Acetate	9.25	43	131030	22.025	ug/l #	92
44) Trichloroethene	8.56	130	191407	21.665	ug/l	94
45) 1,2-Dichloropropane	8.95	63	113397	20.916	ug/l	97
46) Dibromomethane	9.08	93	97545	21.570	ug/l #	86
47) Bromodichloromethane	9.38	83	274151	21.824	ug/l	97
48) Methyl methacrylate	9.14	41	81041	19.825	ug/l #	92
49) 1,4-Dioxane	9.09	88	12982	391.208	ug/l #	85
51) 4-Methyl-2-Pentanone	10.31	43	442650	105.178	ug/l	98
52) Toluene	10.52	92	330042	21.979	ug/l	95
53) t-1,3-Dichloropropene	10.93	75	216739	20.183	ug/l	99
54) cis-1,3-Dichloropropene	10.05	75	242323	21.829	ug/l	90
55) 1,1,2-Trichloroethane	11.20	97	102039	20.436	ug/l	95
56) Ethyl methacrylate	11.05	69	115143	21.802	ug/l	93
57) 1,3-Dichloropropane	11.42	76	159082	21.035	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.87	63	328722	120.092	ug/l	98
59) 2-Hexanone	11.54	43	332643	113.125	ug/l	96
60) Dibromochloromethane	11.70	129	199721	20.618	ug/l	96
61) 1,2-Dibromoethane	11.82	107	128093	21.679	ug/l	95
64) Tetrachloroethene	11.26	164	166298	19.932	ug/l	97
65) Chlorobenzene	12.41	112	387489	20.787	ug/l	100
66) 1,1,1,2-Tetrachloroethane	12.51	131	184865	21.220	ug/l	96
67) Ethyl Benzene	12.53	91	710600	21.156	ug/l	98
68) m/p-Xylenes	12.67	106	476601	41.782	ug/l	99
69) o-Xylene	13.06	106	221981	20.082	ug/l	93
70) Styrene	13.08	104	398891	21.347	ug/l	96
71) Bromoform	13.24	173	126975	20.935	ug/l #	94
73) Isopropylbenzene	13.41	105	679066	18.314	ug/l	99
74) N-amyl acetate	13.27	43	177875	18.672	ug/l	99
75) 1,1,2,2-Tetrachloroethane	13.71	83	116606	19.190	ug/l	99
76) 1,2,3-Trichloropropane	13.74	75	138021	19.601	ug/l	98
77) Bromobenzene	13.68	156	200578	19.325	ug/l	97
78) n-propylbenzene	13.77	91	792294	18.336	ug/l	95
79) 2-Chlorotoluene	13.84	91	490336	19.384	ug/l	98
80) 1,3,5-Trimethylbenzene	13.94	105	606585	18.860	ug/l	99
81) trans-1,4-Dichloro-2-buten	13.48	75	41855	21.972	ug/l	97
82) 4-Chlorotoluene	13.95	91	569963	18.736	ug/l	94
83) tert-Butylbenzene	14.20	119	698499	19.742	ug/l	92
84) 1,2,4-Trimethylbenzene	14.25	105	607181	18.883	ug/l	96
85) sec-Butylbenzene	14.38	105	713026	18.896	ug/l	99
86) p-Isopropyltoluene	14.49	119	729208	20.547	ug/l	99
87) 1,3-Dichlorobenzene	14.46	146	364217	20.102	ug/l	96
88) 1,4-Dichlorobenzene	14.54	146	372944	20.988	ug/l	97
89) n-Butylbenzene	14.80	91	645756	19.997	ug/l	93
90) Hexachloroethane	15.02	117	190546	20.090	ug/l	92
91) 1,2-Dichlorobenzene	14.81	146	303447	19.659	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	15.39	75	22679	18.394	ug/l #	45

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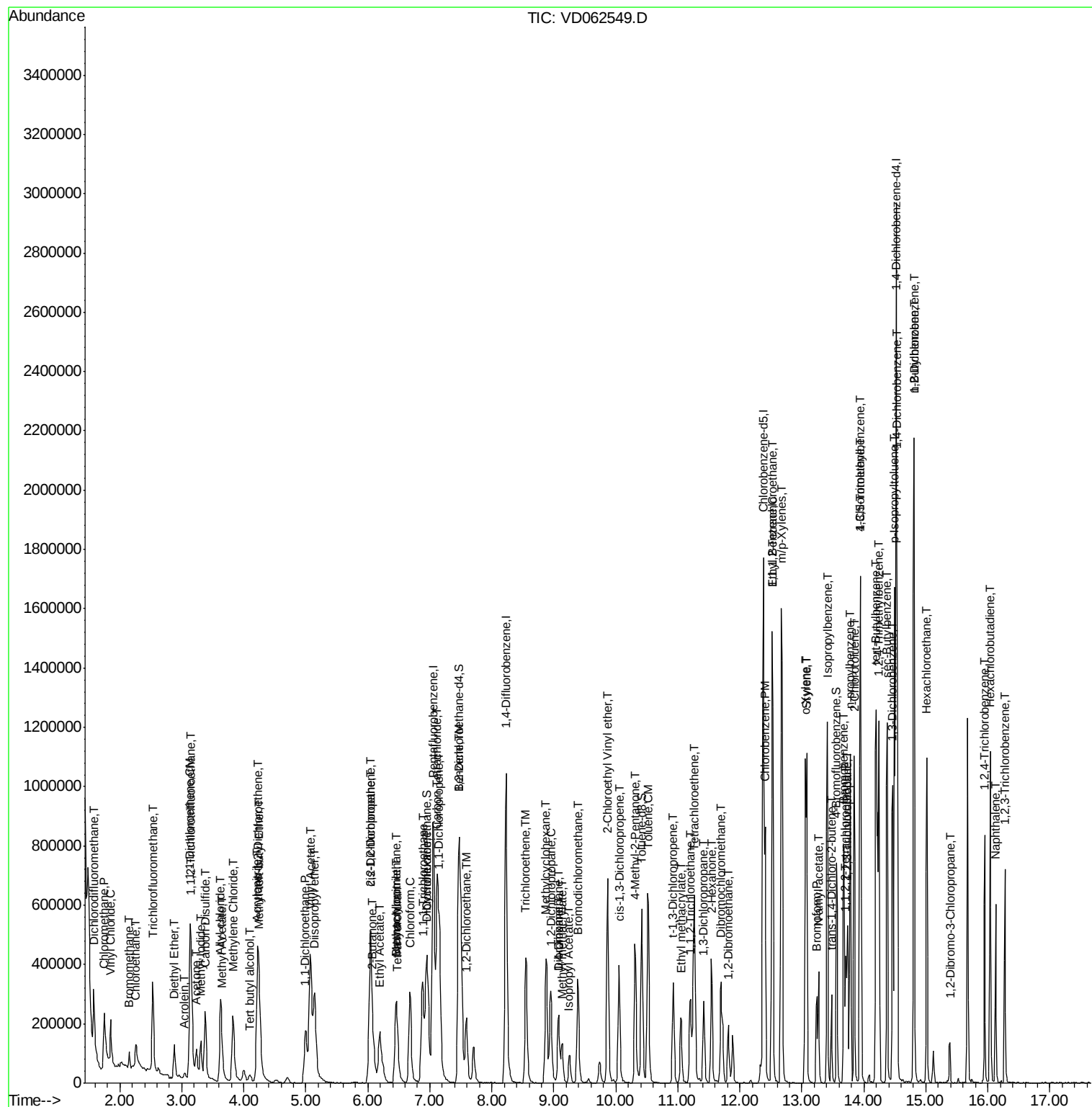
Quant Time: May 31 01:13:10 2019
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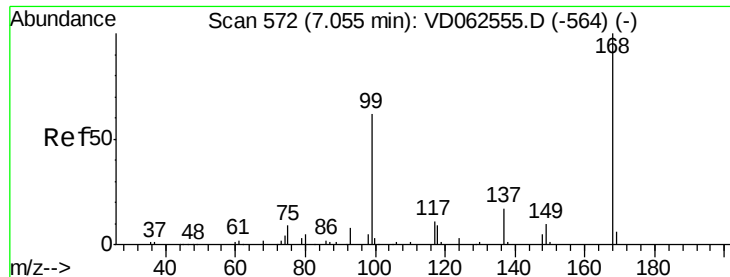
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	205233	17.218	ug/l	98
94) Hexachlorobutadiene	16.04	225	172437	19.723	ug/l	99
95) Naphthalene	16.13	128	332205	19.743	ug/l	99
96) 1,2,3-Trichlorobenzene	16.28	180	171420	19.074	ug/l	98

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.00 min

Lab File: VD062549.D

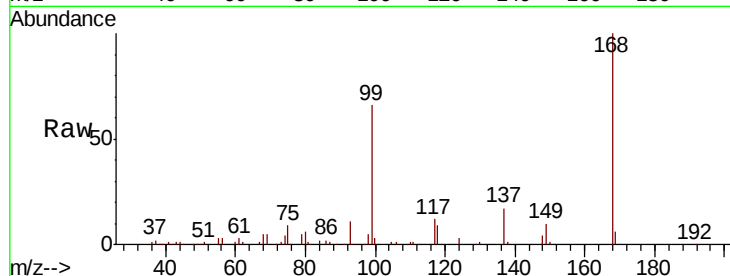
Acq: 30 May 2019 12:33

Tot Ion:168 Resp: 836803

Ion Ratio Lower Upper

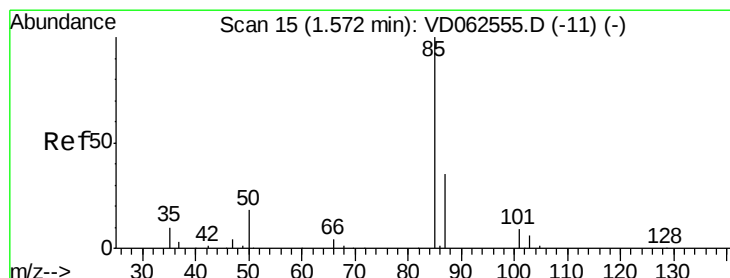
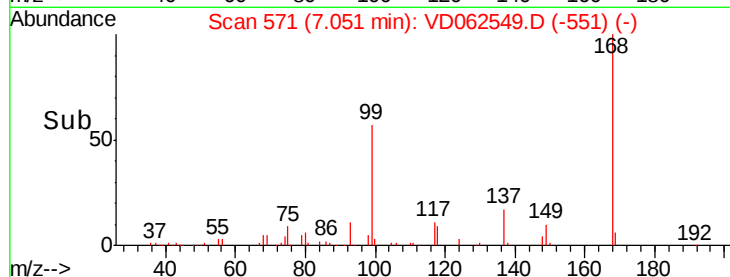
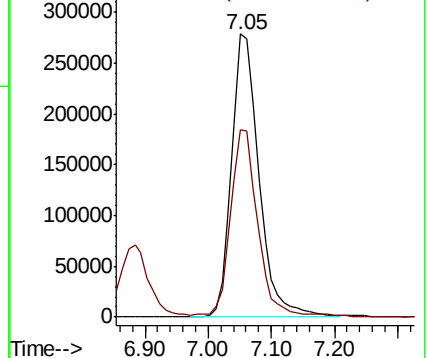
168 100

99 66.3 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#2

Dichlorodifluoromethane

Concen: 21.918 ug/l

RT: 1.58 min Scan# 15

Delta R.T. 0.01 min

Lab File: VD062549.D

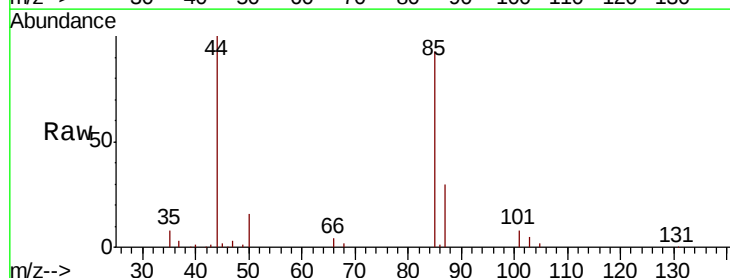
Acq: 30 May 2019 12:33

Tgt Ion: 85 Resp: 218535

Ion Ratio Lower Upper

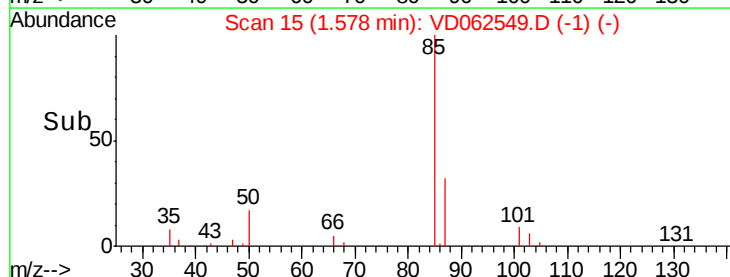
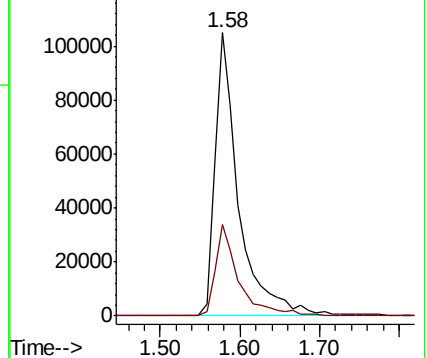
85 100

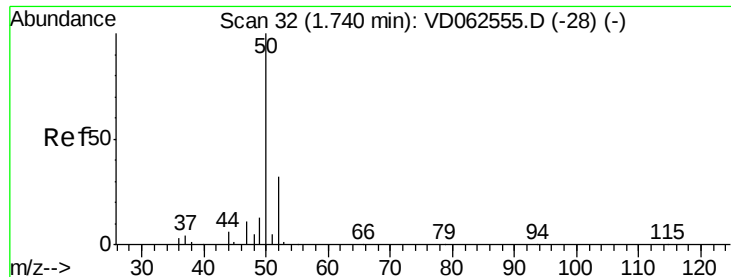
87 32.4 17.5 52.6



Abundance Ion 84.95 (84.65 to 85.65): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 23.625 ug/l

RT: 1.75 min Scan# 32

Delta R.T. 0.01 min

Lab File: VD062549.D

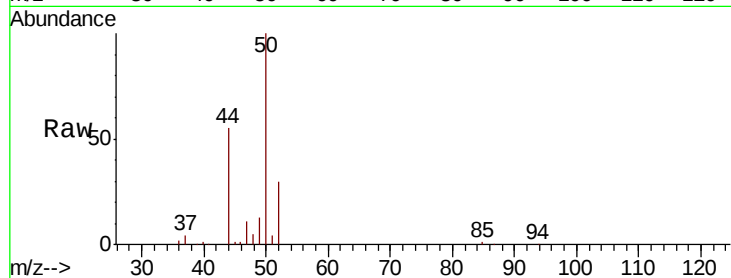
Acq: 30 May 2019 12:33

Tot Ion: 50 Resp: 268615

Ion Ratio Lower Upper

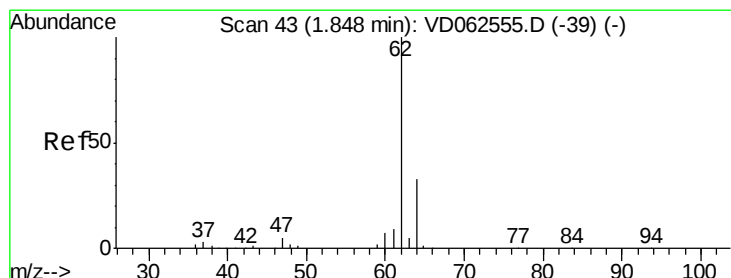
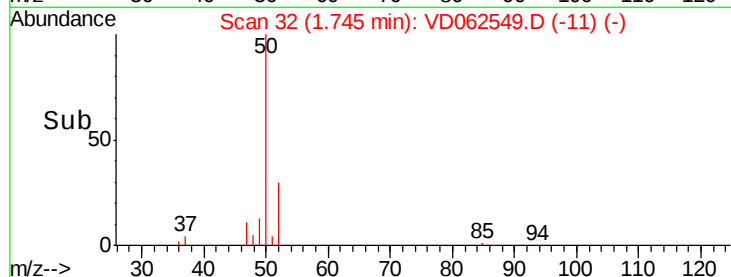
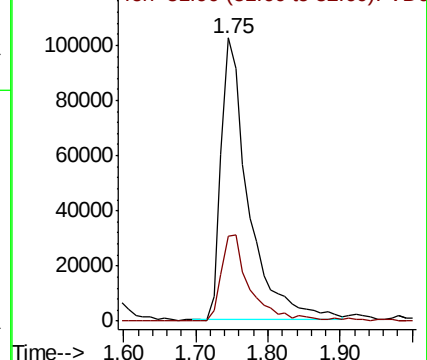
50 100

52 30.1 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: 21.442 ug/l

RT: 1.85 min Scan# 43

Delta R.T. 0.01 min

Lab File: VD062549.D

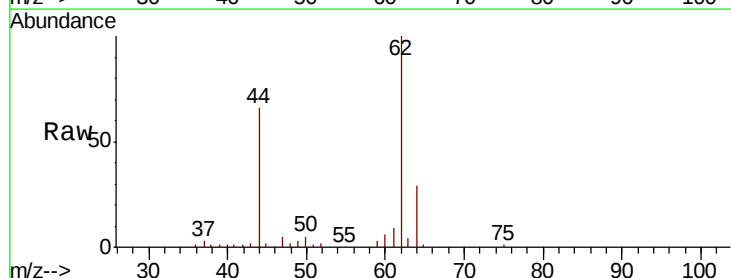
Acq: 30 May 2019 12:33

Tgt Ion: 62 Resp: 164313

Ion Ratio Lower Upper

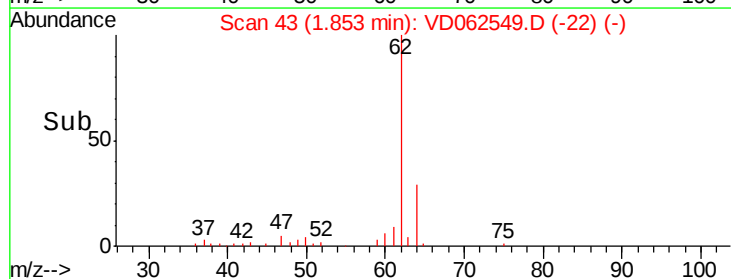
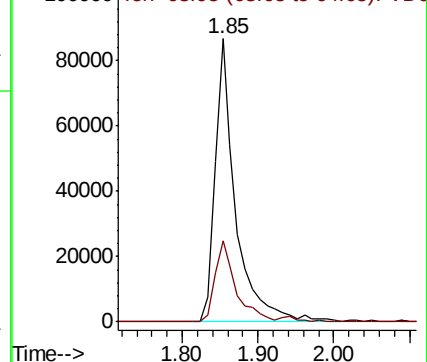
62 100

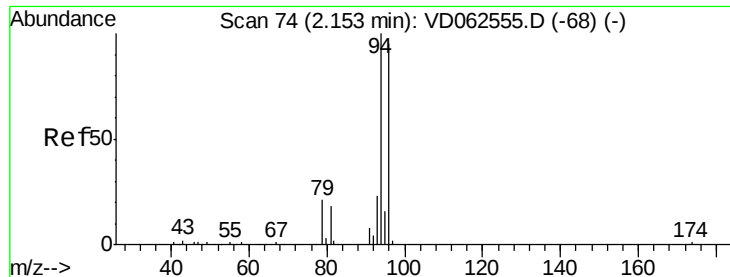
64 28.7 26.5 39.7



Abundance Ion 61.95 (61.65 to 62.65): VDC

Ion 63.95 (63.65 to 64.65): VDC





#5

Bromomethane

Concen: 13.921 ug/l

RT: 2.15 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD062549.D

Acq: 30 May 2019 12:33

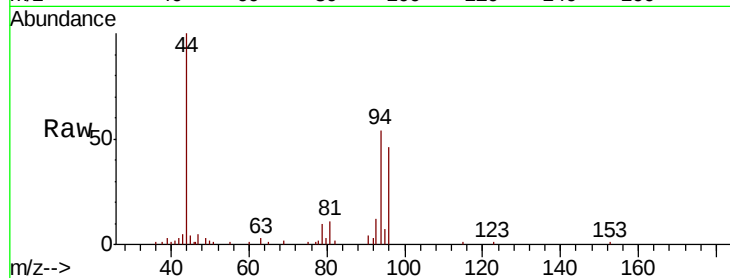
Tot Ion: 94 Resp: 32736

Ion Ratio Lower Upper

94 100

96 84.3 76.2 114.4

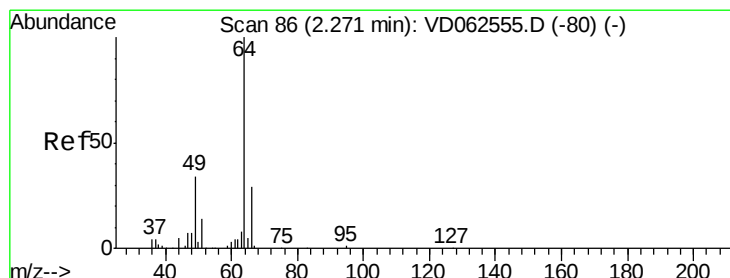
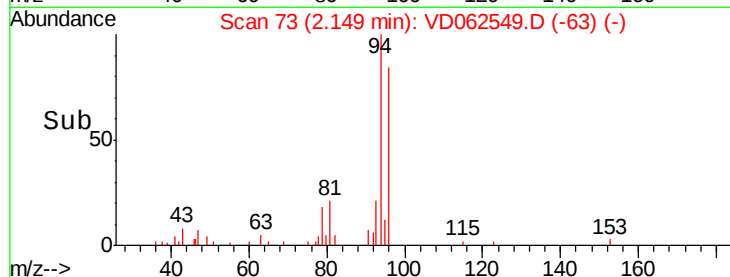
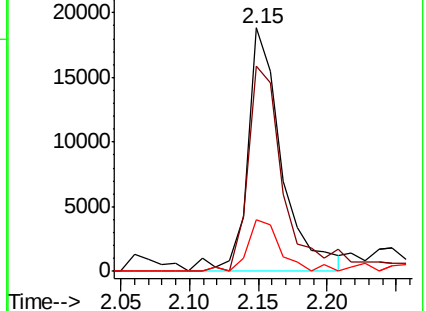
93 21.3 18.4 27.6



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: 17.901 ug/l

RT: 2.26 min Scan# 84

Delta R.T. -0.01 min

Lab File: VD062549.D

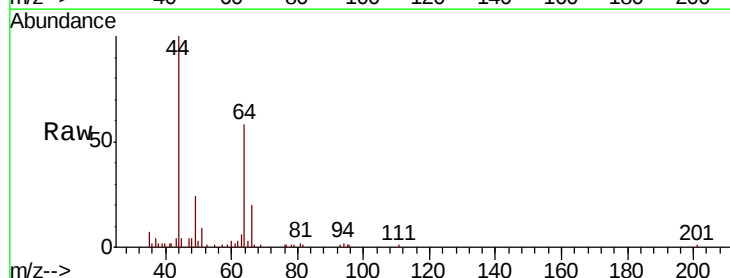
Acq: 30 May 2019 12:33

Tgt Ion: 64 Resp: 65415

Ion Ratio Lower Upper

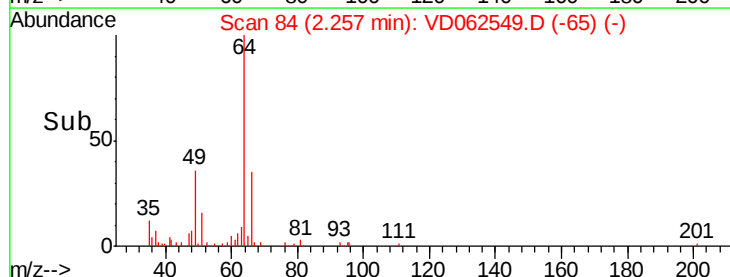
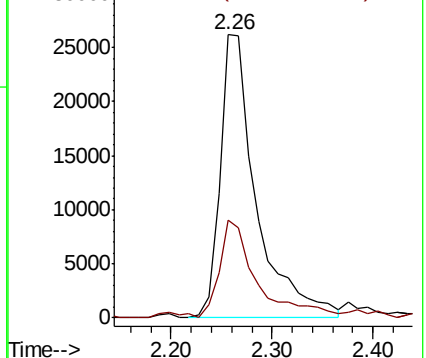
64 100

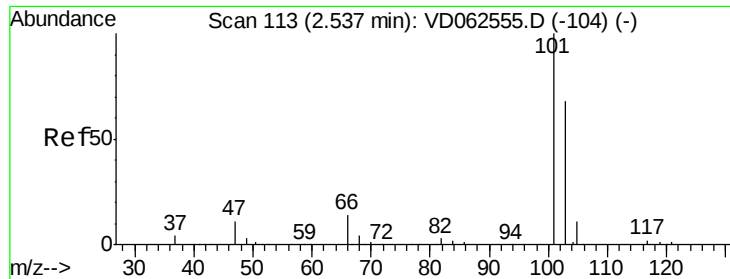
66 34.5 23.4 35.2



Abundance Ion 63.95 (63.65 to 64.65): VDC

Ion 65.90 (65.60 to 66.60): VDC

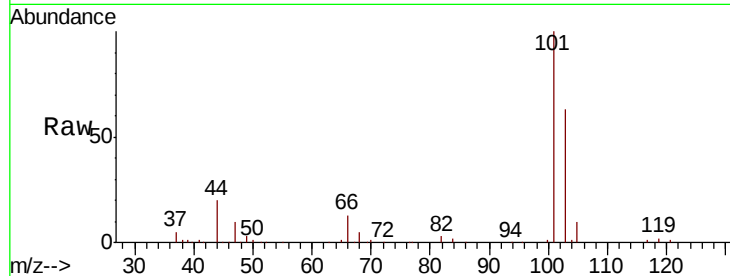




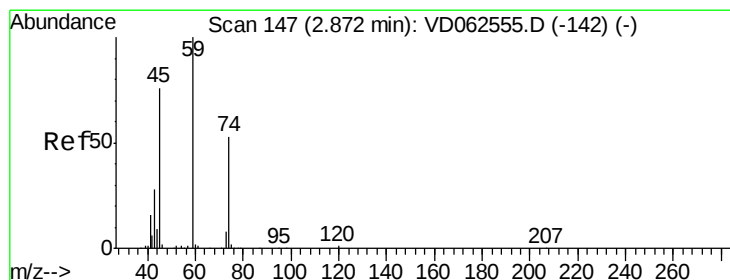
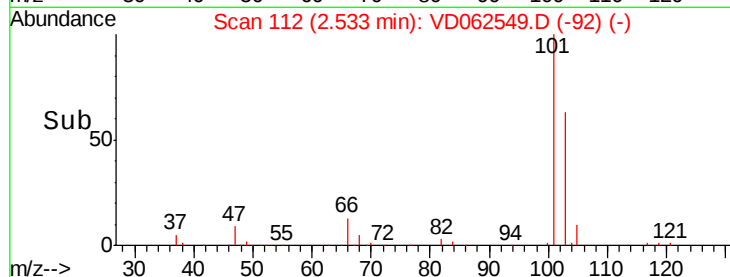
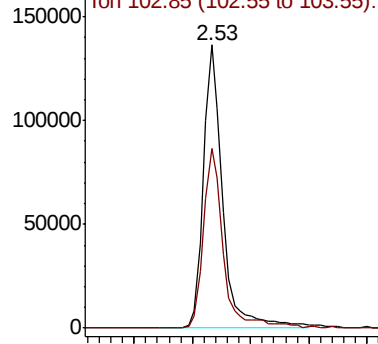
#7

Trichlorofluoromethane
Concen: 19.596 ug/l
RT: 2.53 min Scan# 112
Delta R.T. -0.00 min
Lab File: VD062549.D
Acq: 30 May 2019 12:33

Tot Ion:101 Resp: 313700
Ion Ratio Lower Upper
101 100
103 63.5 54.3 81.5



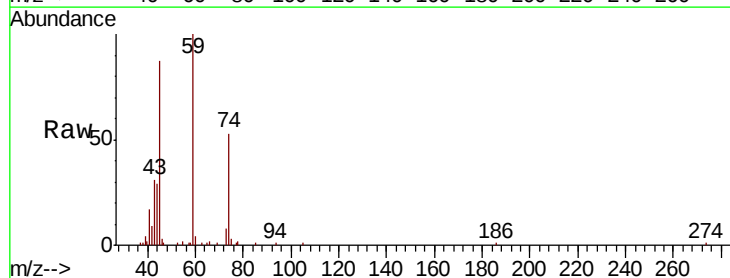
Abundance Ion 100.85 (100.55 to 101.55): V
Ion 102.85 (102.55 to 103.55): V



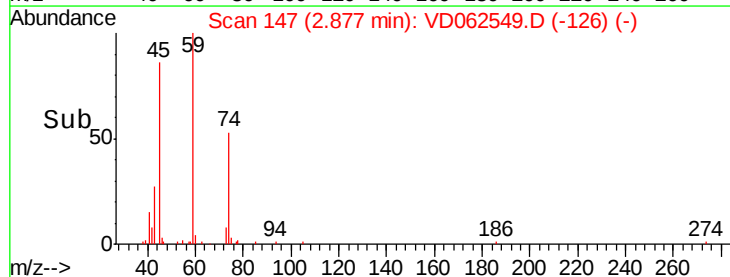
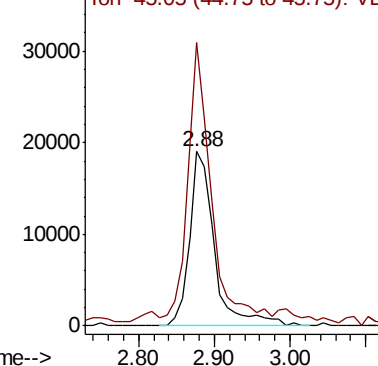
#8

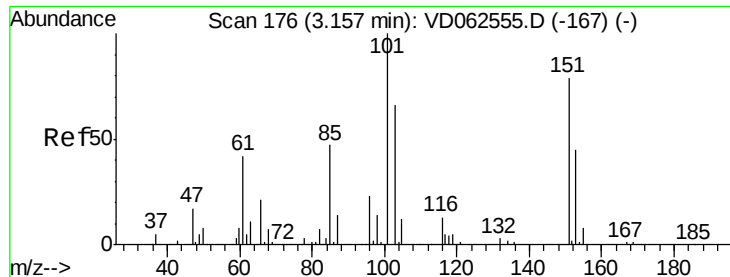
Diethyl Ether
Concen: 21.228 ug/l
RT: 2.88 min Scan# 147
Delta R.T. 0.01 min
Lab File: VD062549.D
Acq: 30 May 2019 12:33

Tgt Ion: 74 Resp: 43664
Ion Ratio Lower Upper
74 100
45 162.6 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: 18.764 ug/l

RT: 3.15 min Scan# 175

Delta R.T. -0.00 min

Lab File: VD062549.D

Acq: 30 May 2019 12:33

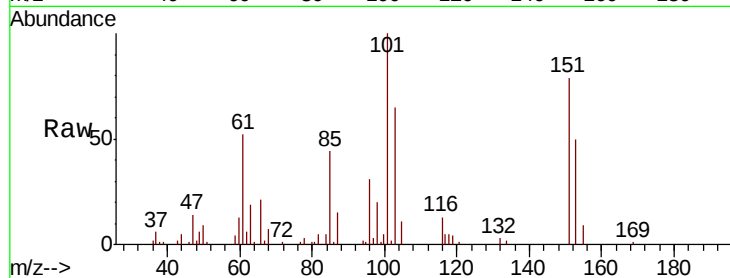
Tot Ion:101 Resp: 177693

Ion Ratio Lower Upper

101 100

85 43.7 37.6 56.4

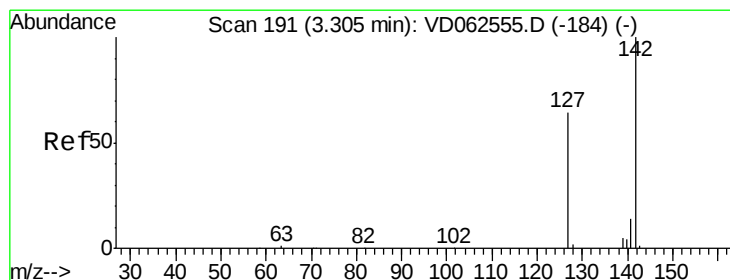
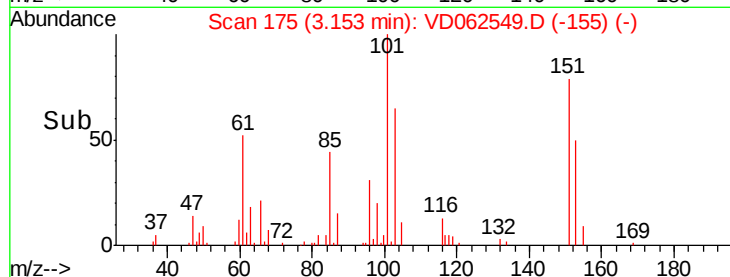
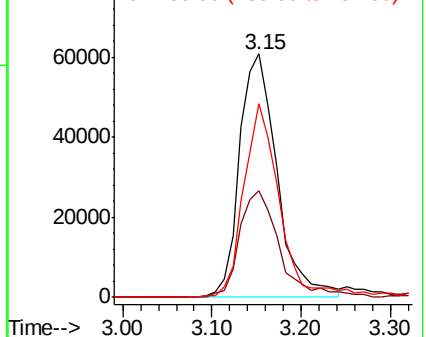
151 79.3 63.0 94.4



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: 17.452 ug/l

RT: 3.31 min Scan# 191

Delta R.T. 0.01 min

Lab File: VD062549.D

Acq: 30 May 2019 12:33

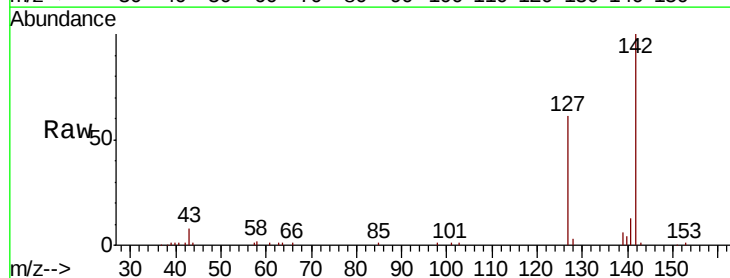
Tgt Ion:142 Resp: 180472

Ion Ratio Lower Upper

142 100

127 60.6 51.2 76.8

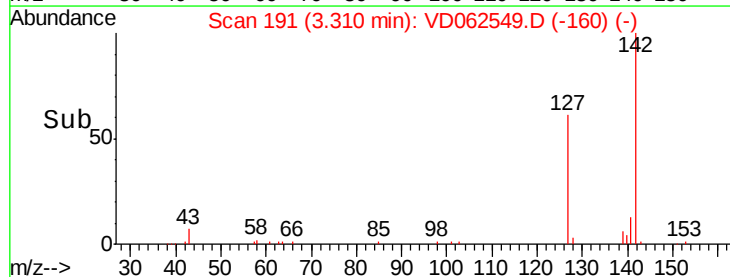
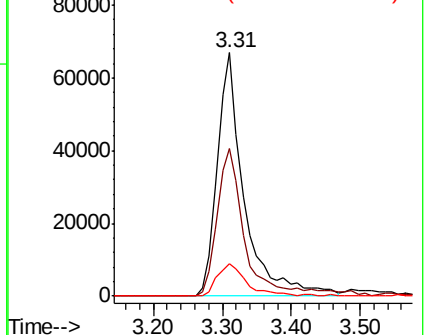
141 13.4 11.0 16.4

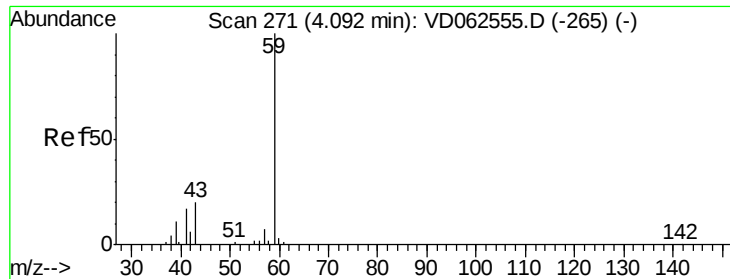


Abundance Ion 141.85 (141.55 to 142.55): V

Ion 126.80 (126.50 to 127.50): V

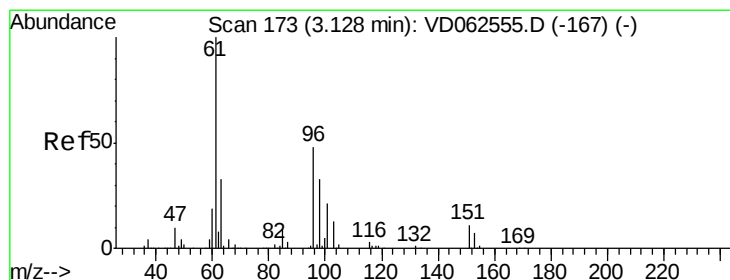
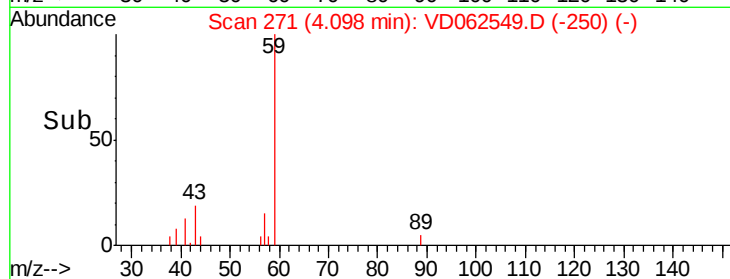
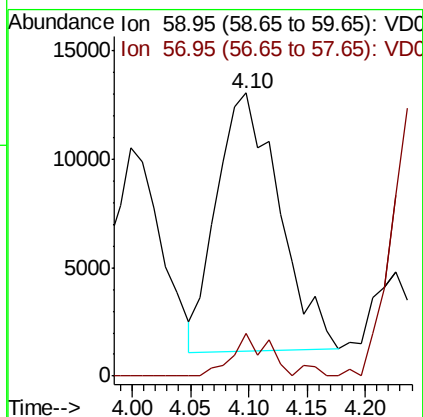
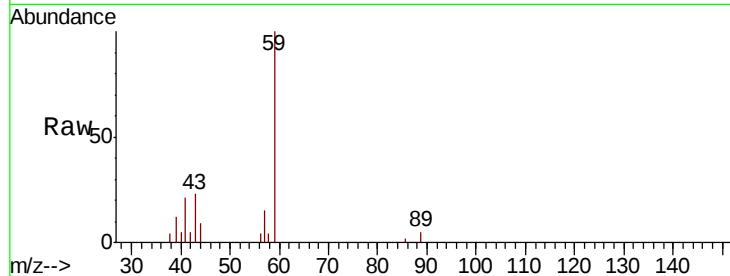
Ion 140.85 (140.55 to 141.55): V





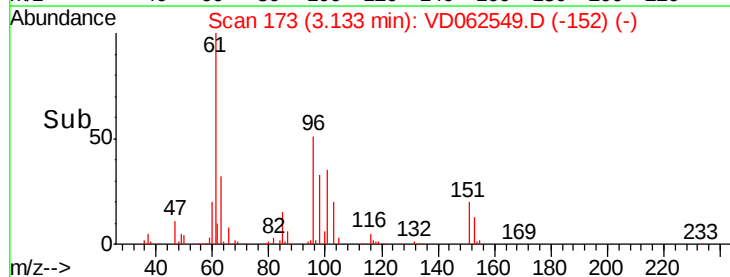
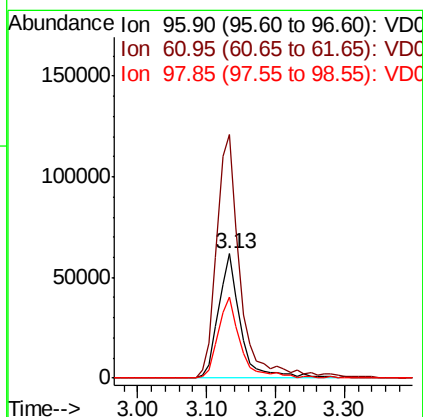
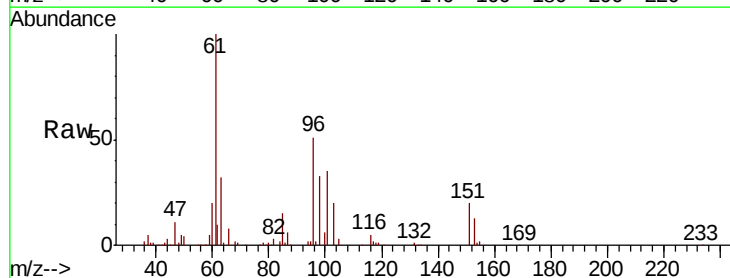
#11
Tert butyl alcohol
Concen: 97.470 ug/l
RT: 4.10 min Scan# 271
Delta R.T. 0.01 min
Lab File: VD062549.D
Acq: 30 May 2019 12:33

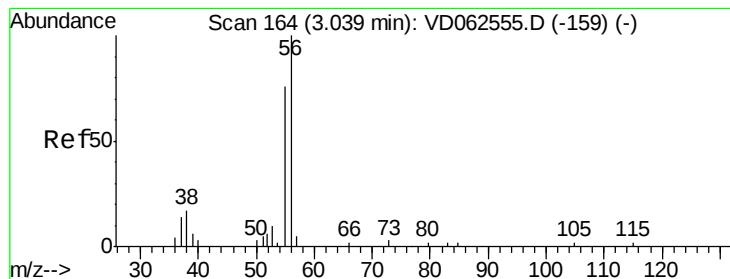
Tot Ion: 59 Resp: 44008
Ion Ratio Lower Upper
59 100
57 15.0 5.4 8.0#



#12
1,1-Dichloroethene
Concen: 20.350 ug/l
RT: 3.13 min Scan# 173
Delta R.T. 0.01 min
Lab File: VD062549.D
Acq: 30 May 2019 12:33

Tgt Ion: 96 Resp: 136966
Ion Ratio Lower Upper
96 100
61 195.7 166.6 250.0
98 65.0 54.4 81.6





#13

Acrolein

Concen: 89.566 ug/l

RT: 3.04 min Scan# 164

Delta R.T. 0.01 min

Lab File: VD062549.D

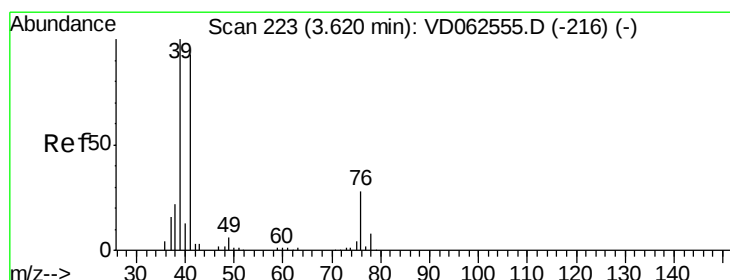
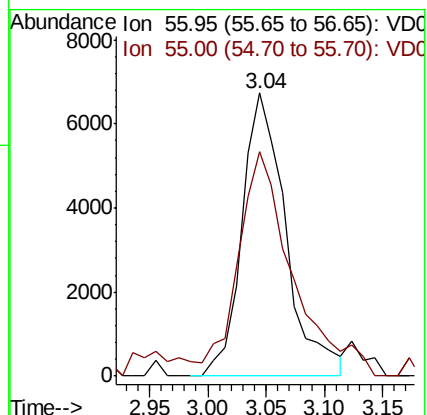
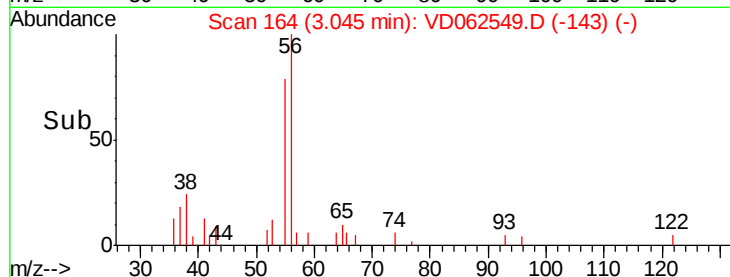
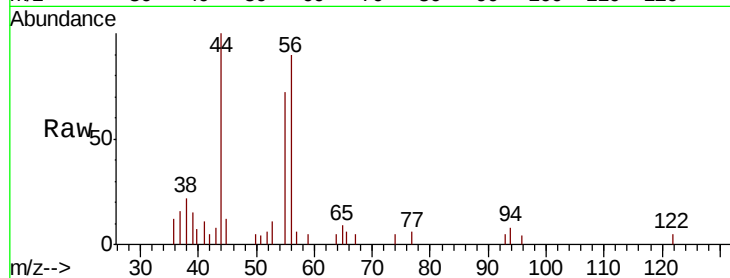
Acq: 30 May 2019 12:33

Tot Ion: 56 Resp: 17504

Ion Ratio Lower Upper

56 100

55 79.3 62.6 93.8



#14

Allyl chloride

Concen: 20.330 ug/l

RT: 3.63 min Scan# 223

Delta R.T. 0.01 min

Lab File: VD062549.D

Acq: 30 May 2019 12:33

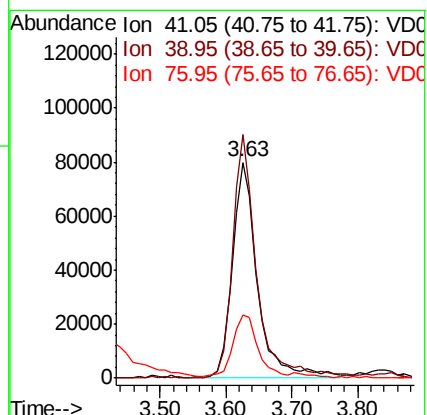
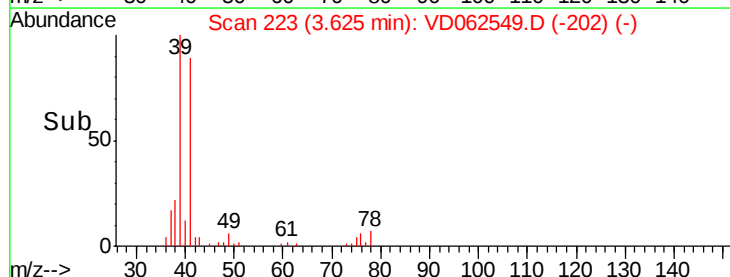
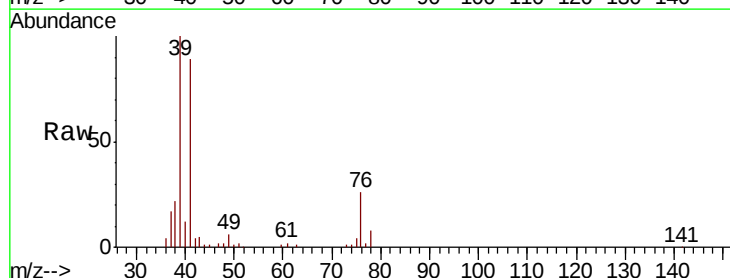
Tgt Ion: 41 Resp: 214227

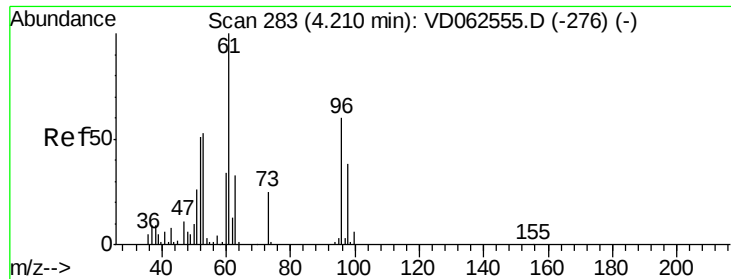
Ion Ratio Lower Upper

41 100

39 112.8 86.3 129.5

76 29.5 25.5 38.3





#15

Acrylonitrile

Concen: 106.301 ug/l

RT: 4.21 min Scan# 282

Delta R.T. -0.00 min

Lab File: VD062549.D

Acq: 30 May 2019 12:33

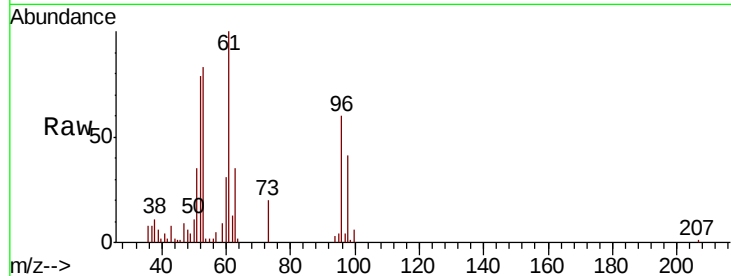
Tot Ion: 53 Resp: 108108

Ion Ratio Lower Upper

53 100

52 95.1 76.2 114.2

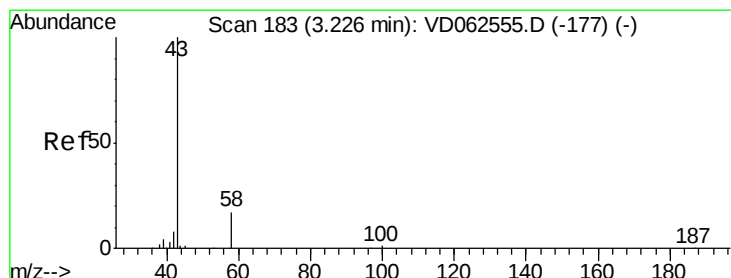
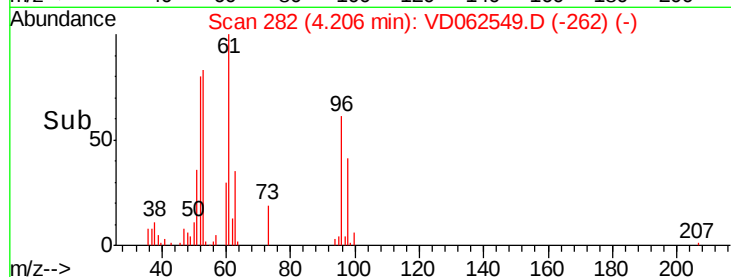
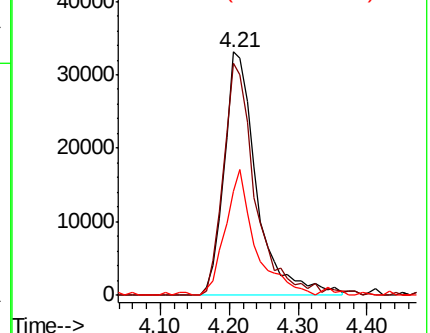
51 42.6 40.2 60.4



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: 96.320 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.01 min

Lab File: VD062549.D

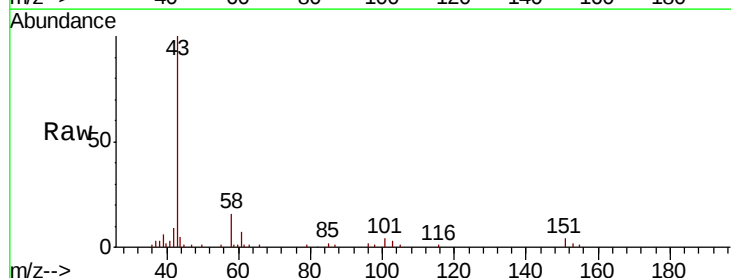
Acq: 30 May 2019 12:33

Tgt Ion: 43 Resp: 195104

Ion Ratio Lower Upper

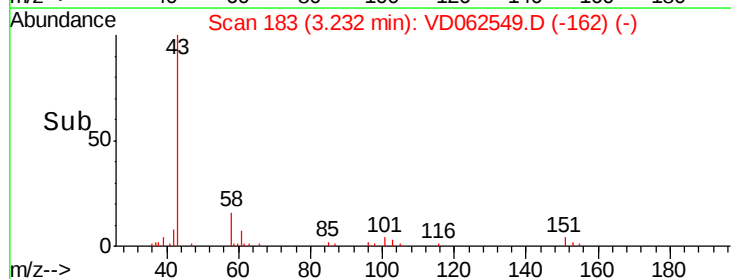
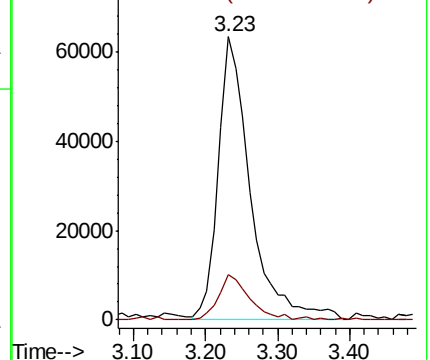
43 100

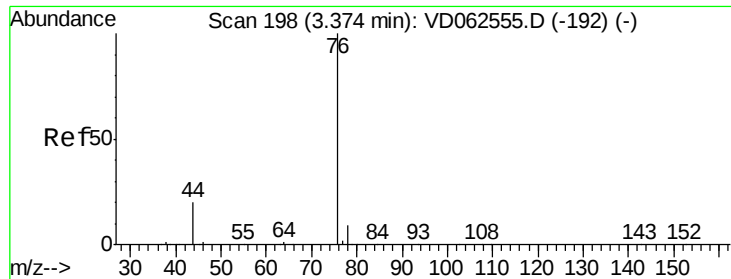
58 15.8 13.8 20.8



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#17

Carbon Disulfide

Concen: 19.688 ug/l

RT: 3.38 min Scan# 198

Delta R.T. 0.01 min

Lab File: VD062549.D

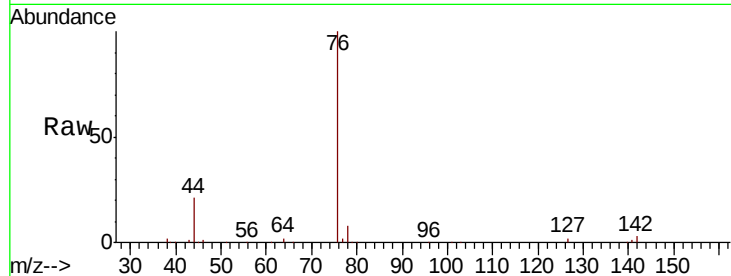
Acq: 30 May 2019 12:33

Tot Ion: 76 Resp: 421088

Ion Ratio Lower Upper

76 100

78 8.0 7.4 11.2



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC

3.38

150000

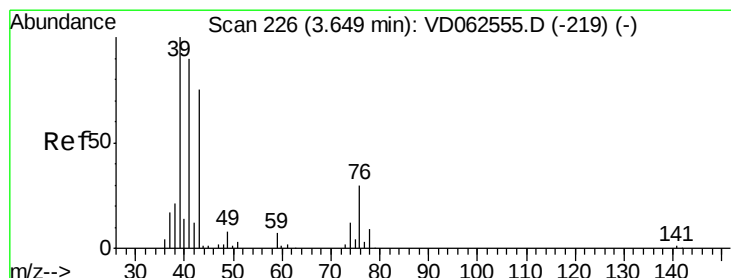
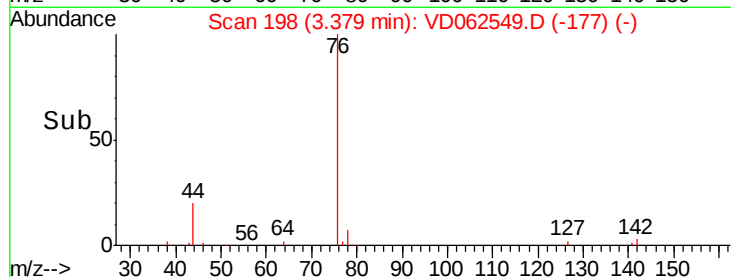
100000

50000

0

Time-->

3.30 3.40 3.50 3.60



#18

Methyl Acetate

Concen: 21.806 ug/l

RT: 3.65 min Scan# 226

Delta R.T. 0.01 min

Lab File: VD062549.D

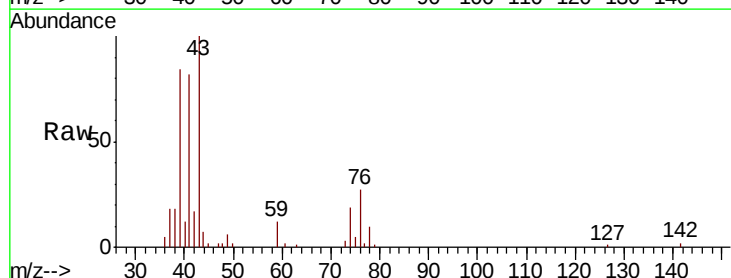
Acq: 30 May 2019 12:33

Tgt Ion: 43 Resp: 71849

Ion Ratio Lower Upper

43 100

74 18.9 12.5 18.7#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 74.00 (73.70 to 74.70): VDC

3.65

30000

25000

20000

15000

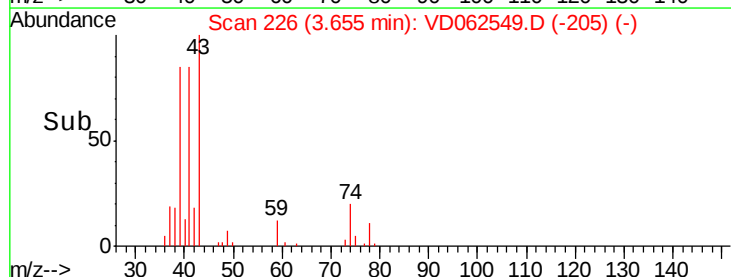
10000

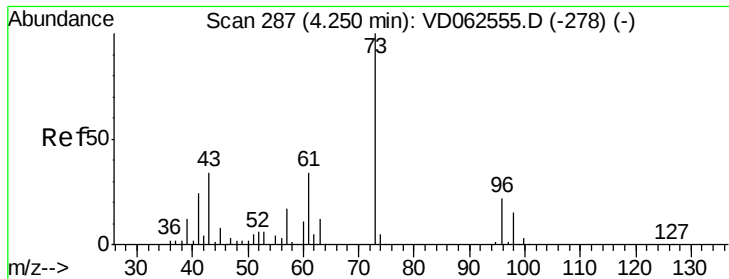
5000

0

Time-->

3.60 3.70

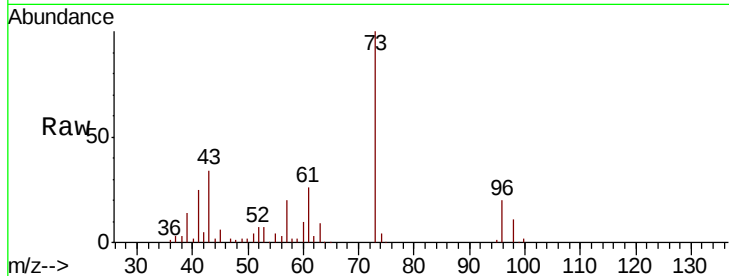




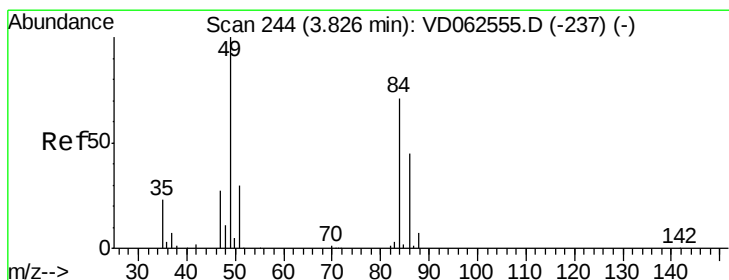
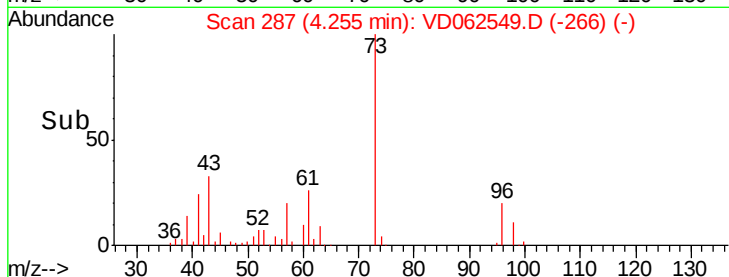
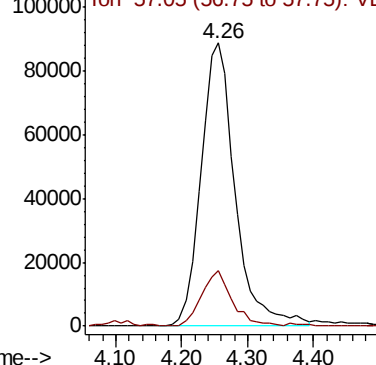
#19

Methyl tert-butyl Ether
 Concen: 19.616 ug/l
 RT: 4.26 min Scan# 287
 Delta R.T. 0.01 min
 Lab File: VD062549.D
 Acq: 30 May 2019 12:33

Tot Ion: 73 Resp: 321589
 Ion Ratio Lower Upper
 73 100
 57 19.7 13.8 20.8



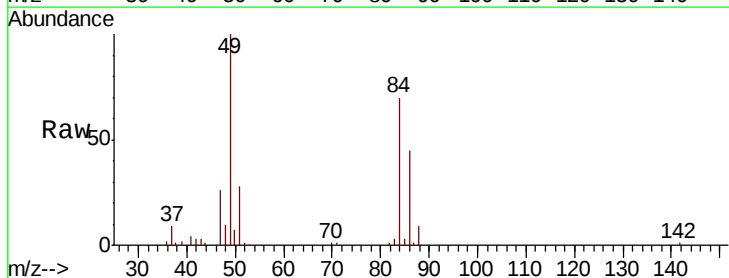
Abundance Ion 73.00 (72.70 to 73.70): VDC
 Ion 57.05 (56.75 to 57.75): VDC



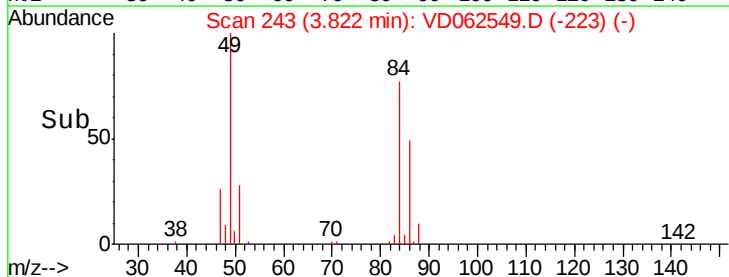
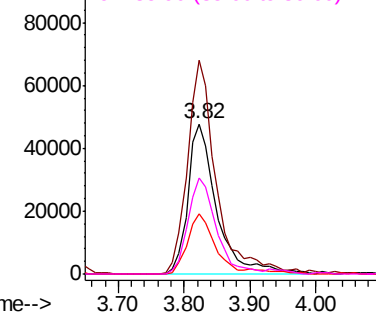
#20

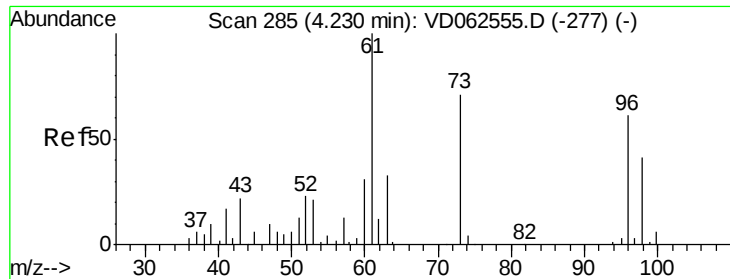
Methylene Chloride
 Concen: 20.443 ug/l
 RT: 3.82 min Scan# 243
 Delta R.T. -0.00 min
 Lab File: VD062549.D
 Acq: 30 May 2019 12:33

Tgt Ion: 84 Resp: 145127
 Ion Ratio Lower Upper
 84 100
 49 142.0 112.3 168.5
 51 40.2 33.6 50.4
 86 64.2 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: 20.917 ug/l

RT: 4.23 min Scan# 284

Delta R.T. -0.00 min

Lab File: VD062549.D

Acq: 30 May 2019 12:33

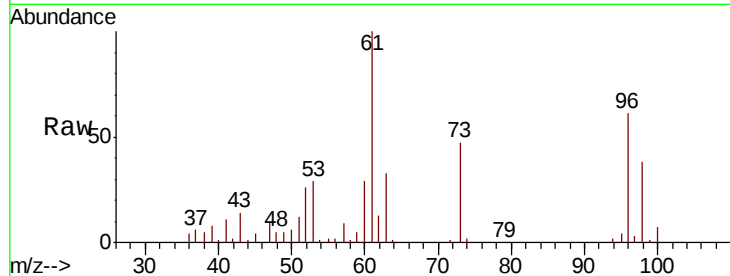
Tot Ion: 96 Resp: 159613

Ion Ratio Lower Upper

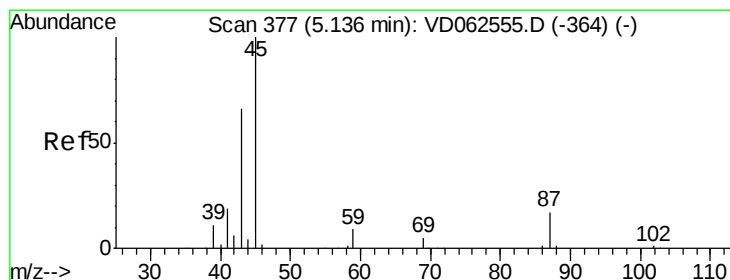
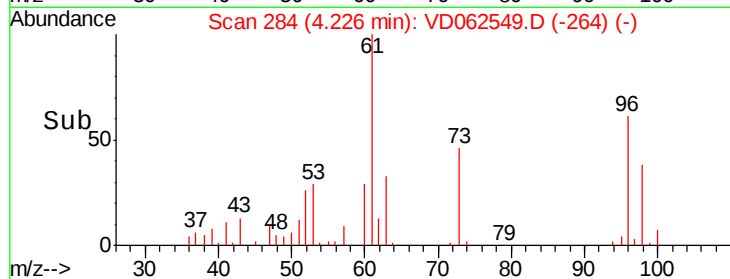
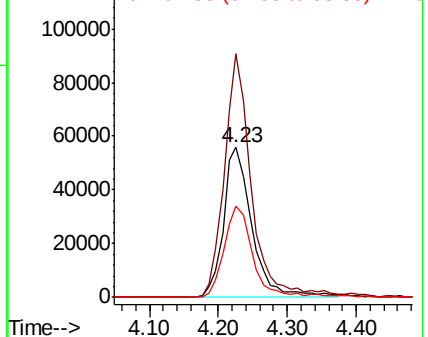
96 100

61 162.7 131.1 196.7

98 61.3 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: 20.968 ug/l

RT: 5.14 min Scan# 377

Delta R.T. 0.01 min

Lab File: VD062549.D

Acq: 30 May 2019 12:33

Tgt Ion: 45 Resp: 444765

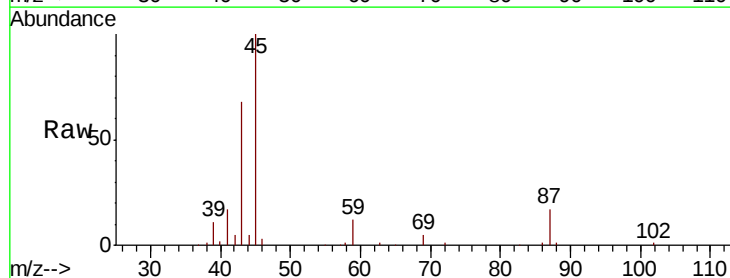
Ion Ratio Lower Upper

45 100

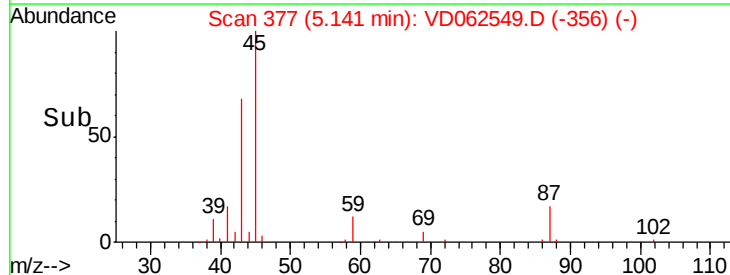
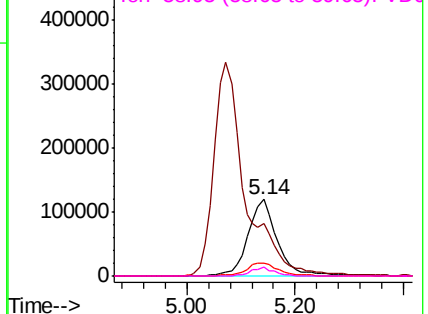
43 68.3 53.6 80.4

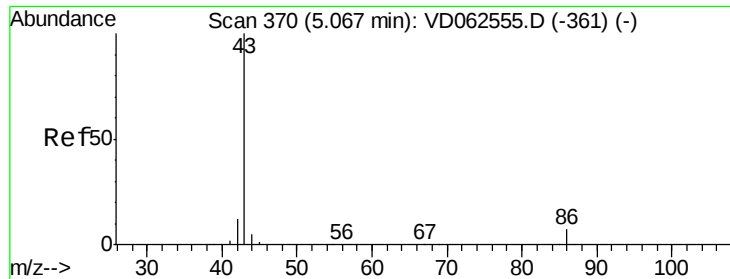
87 17.2 14.2 21.4

59 11.6 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: 102.757 ug/l

RT: 5.07 min Scan# 370

Delta R.T. 0.01 min

Lab File: VD062549.D

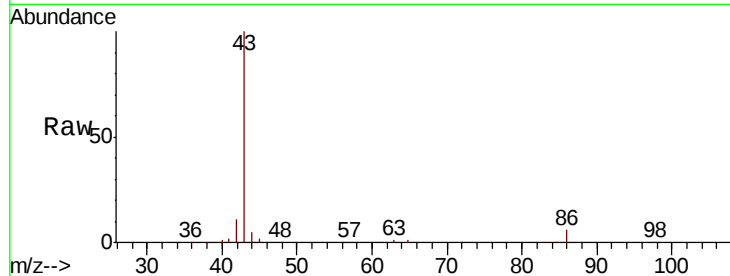
Acq: 30 May 2019 12:33

Tot Ion: 43 Resp: 1326532

Ion Ratio Lower Upper

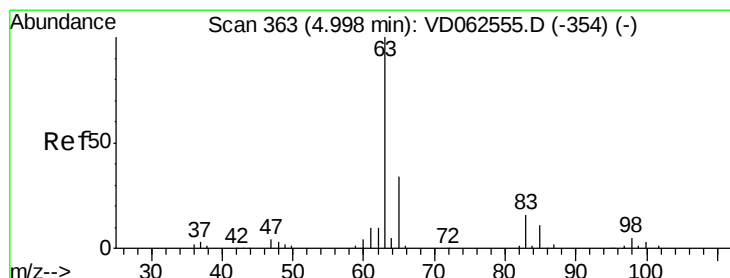
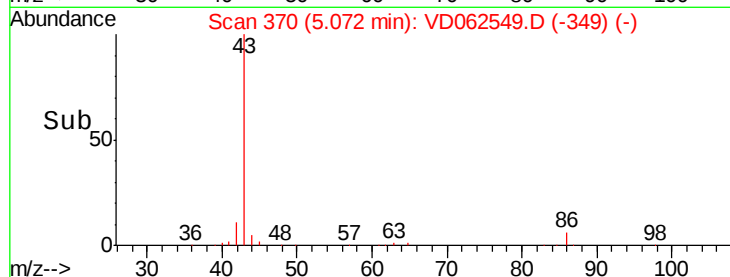
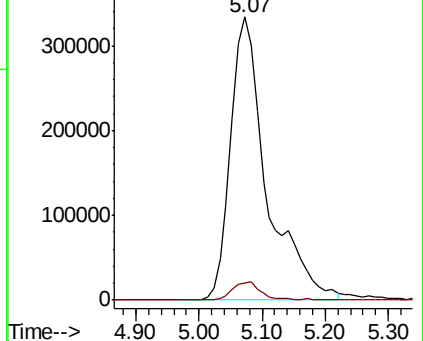
43 100

86 6.2 5.5 8.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 20.675 ug/l

RT: 5.00 min Scan# 363

Delta R.T. 0.01 min

Lab File: VD062549.D

Acq: 30 May 2019 12:33

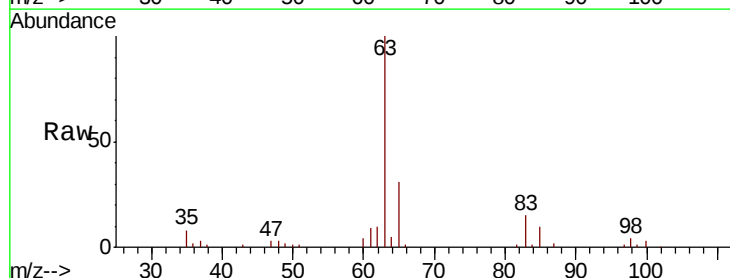
Tgt Ion: 63 Resp: 286507

Ion Ratio Lower Upper

63 100

98 5.3 2.5 7.5

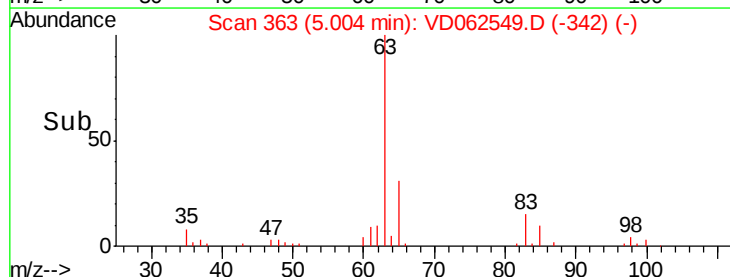
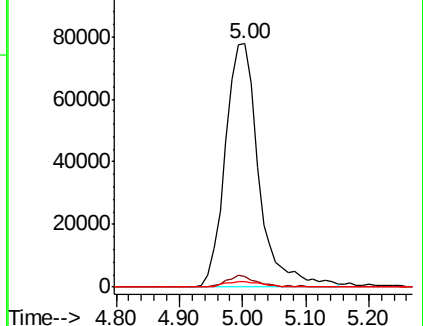
100 2.5 1.6 4.7

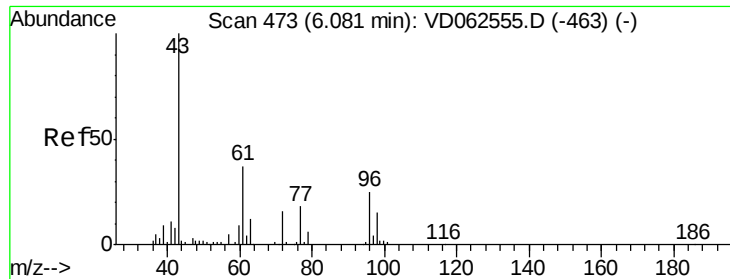


Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 97.95 (97.65 to 98.65): VDC

Ion 99.95 (99.65 to 100.65): VDC





#25

2-Butanone

Concen: 99.852 ug/l

RT: 6.09 min Scan# 473

Delta R.T. 0.01 min

Lab File: VD062549.D

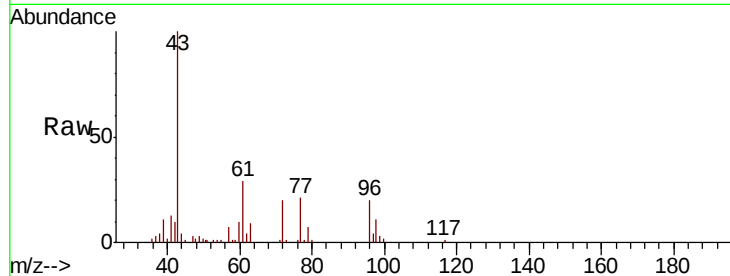
Acq: 30 May 2019 12:33

Tot Ion: 43 Resp: 185874

Ion Ratio Lower Upper

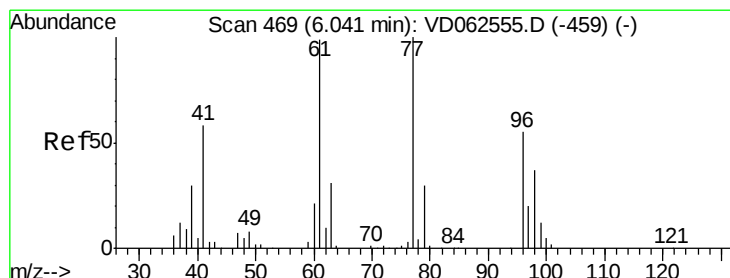
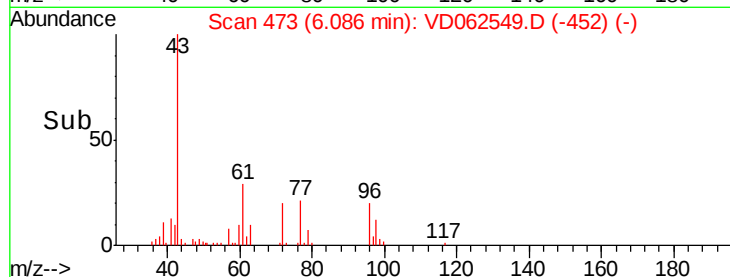
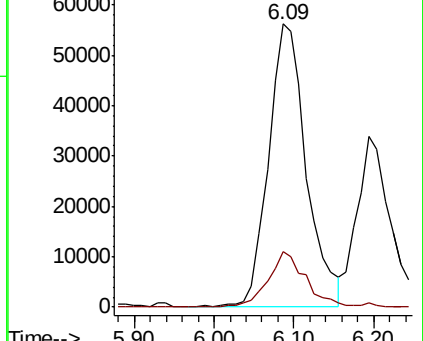
43 100

72 19.5 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: 21.090 ug/l

RT: 6.04 min Scan# 468

Delta R.T. -0.00 min

Lab File: VD062549.D

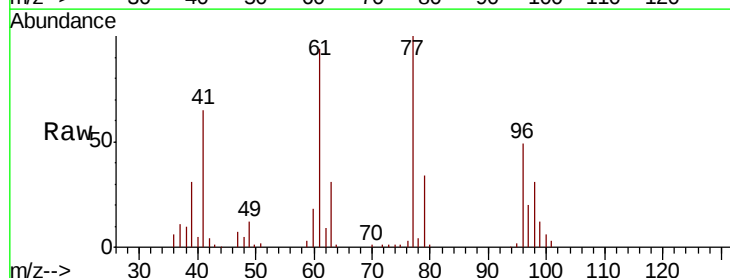
Acq: 30 May 2019 12:33

Tgt Ion: 77 Resp: 317326

Ion Ratio Lower Upper

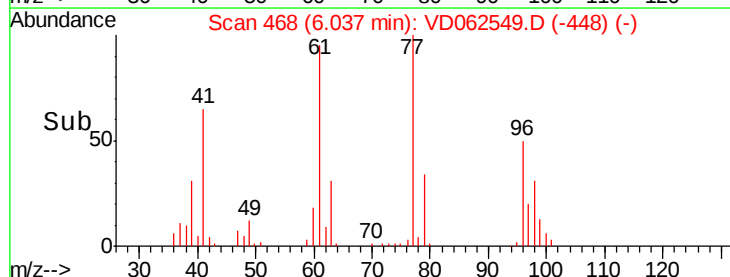
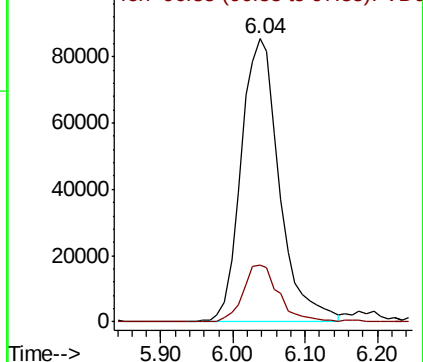
77 100

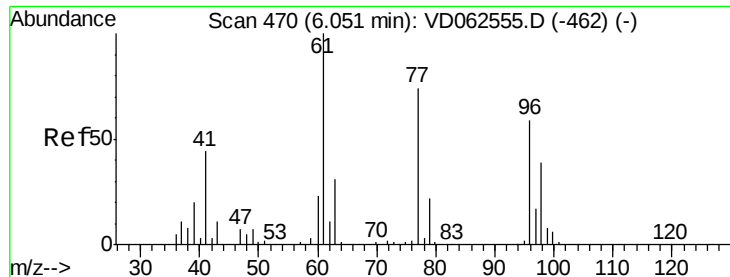
97 20.2 9.8 29.3



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: 20.950 ug/l

RT: 6.05 min Scan# 469

Delta R.T. -0.00 min

Lab File: VD062549.D

Acq: 30 May 2019 12:33

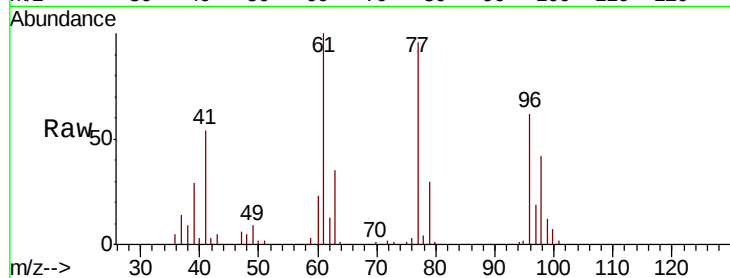
Tot Ion: 96 Resp: 164668

Ion Ratio Lower Upper

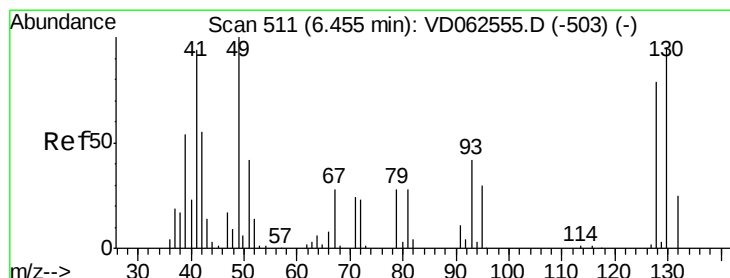
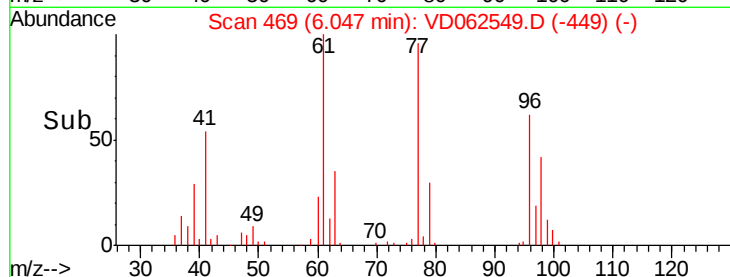
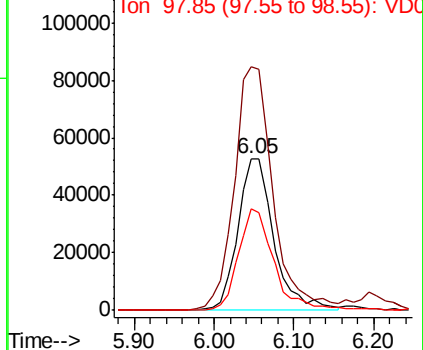
96 100

61 160.2 0.0 342.4

98 66.9 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: 20.275 ug/l

RT: 6.45 min Scan# 510

Delta R.T. -0.00 min

Lab File: VD062549.D

Acq: 30 May 2019 12:33

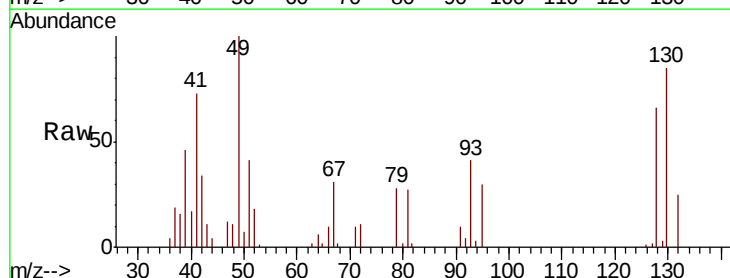
Tgt Ion: 49 Resp: 93184

Ion Ratio Lower Upper

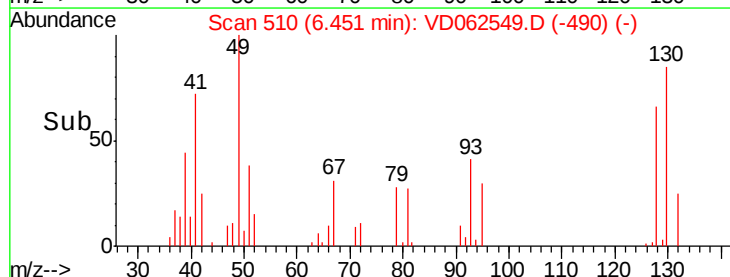
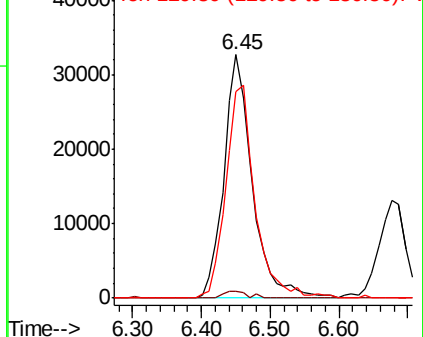
49 100

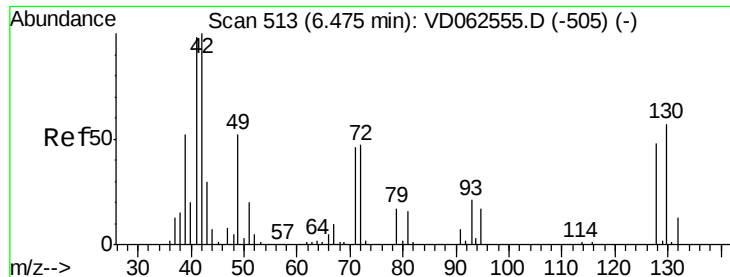
129 2.7 0.0 5.6

130 84.6 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: 103.393 ug/l

RT: 6.48 min Scan# 513

Delta R.T. 0.01 min

Lab File: VD062549.D

Acq: 30 May 2019 12:33

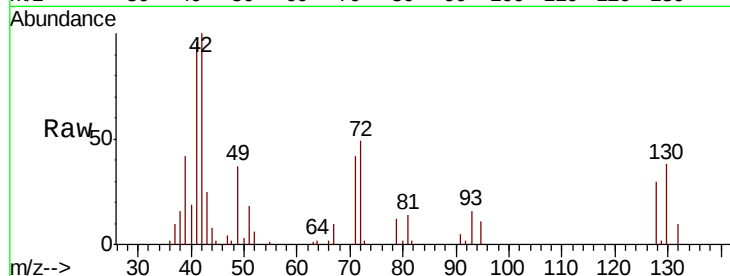
Tot Ion: 42 Resp: 88486

Ion Ratio Lower Upper

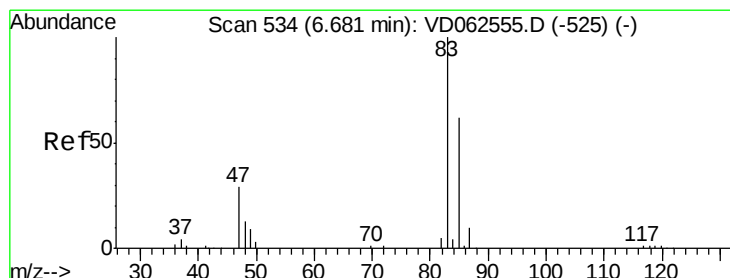
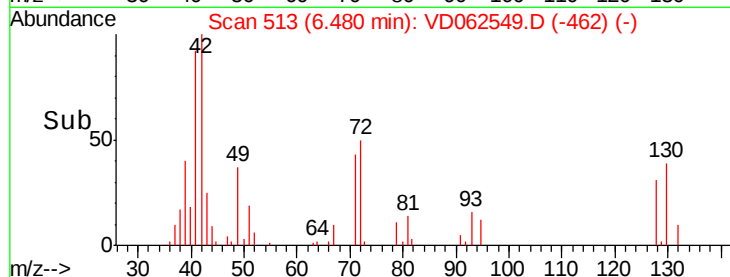
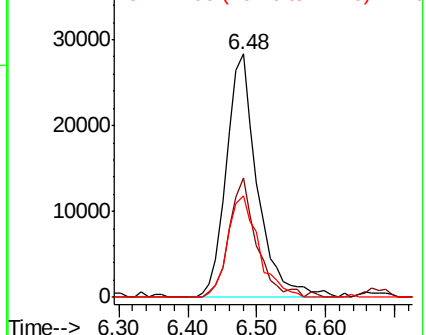
42 100

72 43.9 34.5 51.7

71 41.7 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: 21.176 ug/l

RT: 6.68 min Scan# 533

Delta R.T. -0.00 min

Lab File: VD062549.D

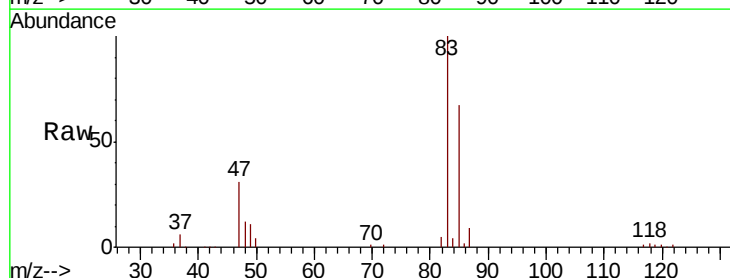
Acq: 30 May 2019 12:33

Tgt Ion: 83 Resp: 353110

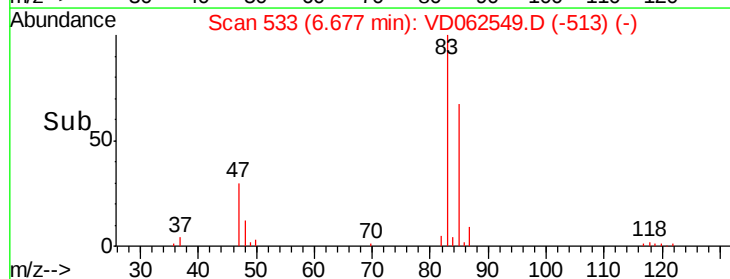
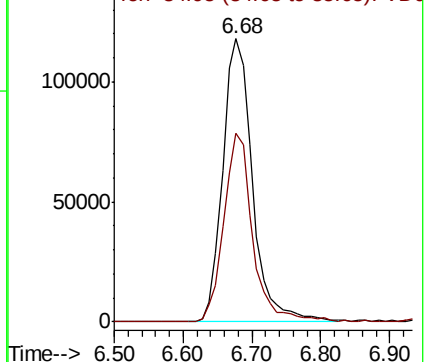
Ion Ratio Lower Upper

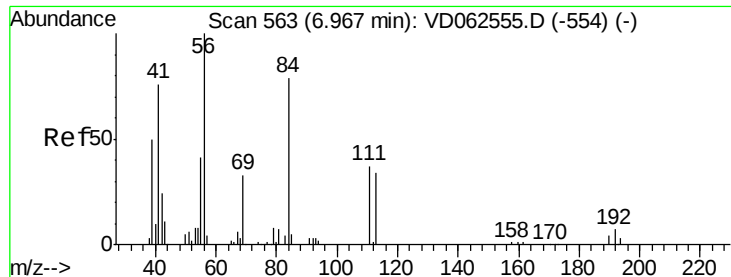
83 100

85 66.8 49.4 74.0



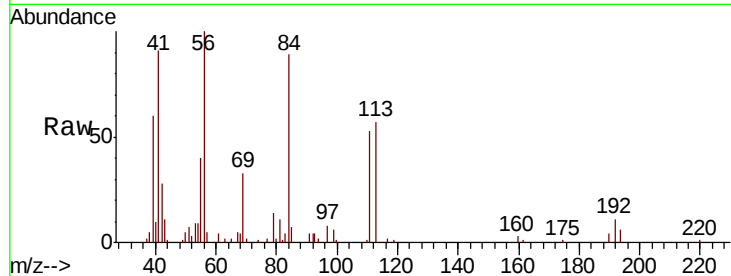
Abundance Ion 82.95 (82.65 to 83.65): VDC
Ion 84.95 (84.65 to 85.65): VDC



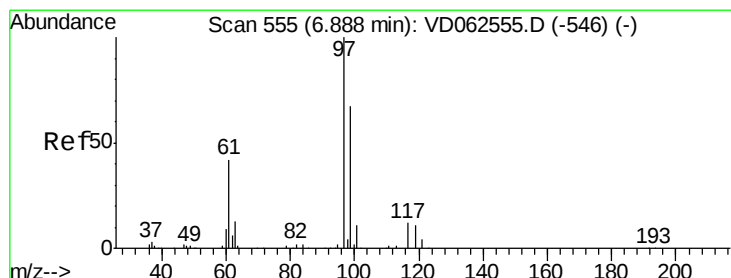
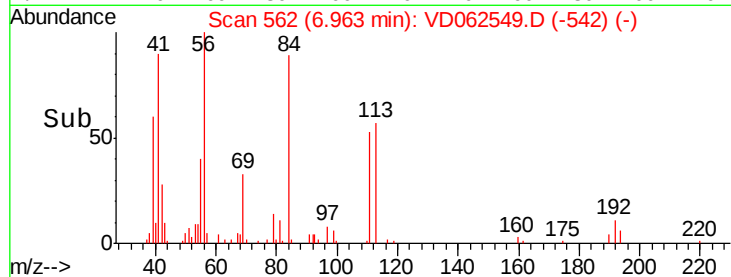
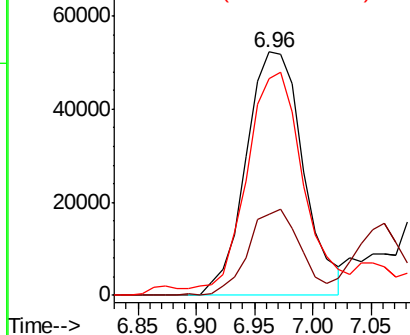


#31
Cyclohexane
Concen: 19.349 ug/l
RT: 6.96 min Scan# 562
Delta R.T. -0.00 min
Lab File: VD062549.D
Acq: 30 May 2019 12:33

Tot Ion: 56 Resp: 177637
Ion Ratio Lower Upper
56 100
69 33.1 26.2 39.2
84 89.1 65.2 97.8

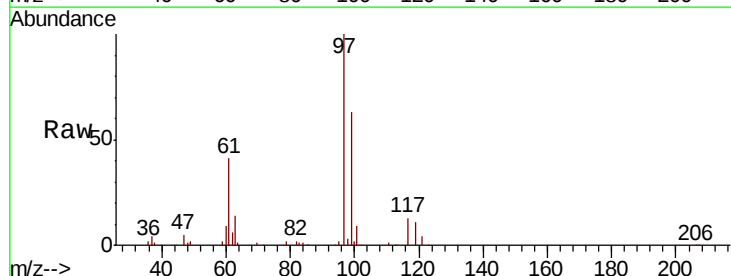


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

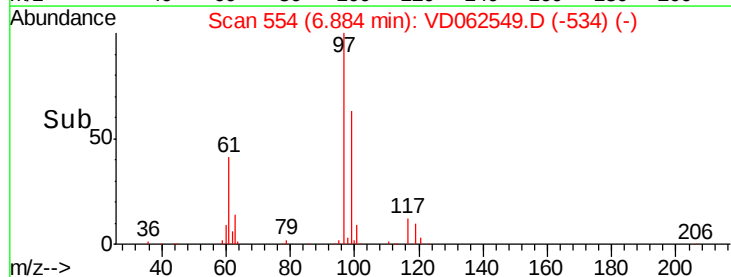
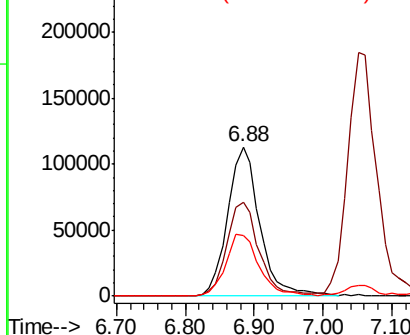


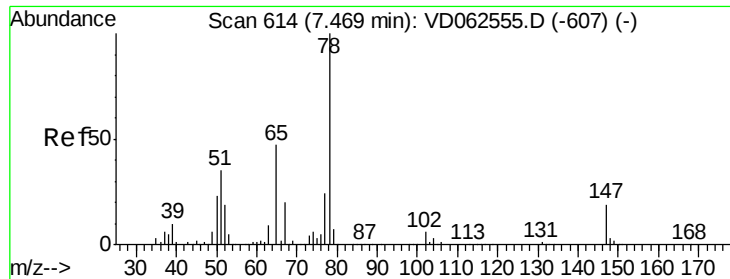
#32
1,1,1-Trichloroethane
Concen: 21.354 ug/l
RT: 6.88 min Scan# 554
Delta R.T. -0.00 min
Lab File: VD062549.D
Acq: 30 May 2019 12:33

Tgt Ion: 97 Resp: 363609
Ion Ratio Lower Upper
97 100
99 63.1 53.6 80.4
61 41.0 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: 20.742 ug/l

RT: 7.46 min Scan# 613

Delta R.T. -0.00 min

Lab File: VD062549.D

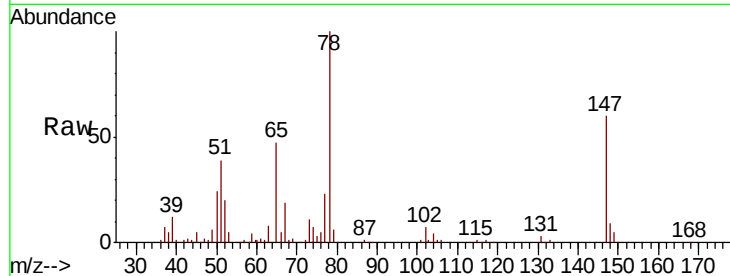
Acq: 30 May 2019 12:33

Tot Ion: 65 Resp: 203713

Ion Ratio Lower Upper

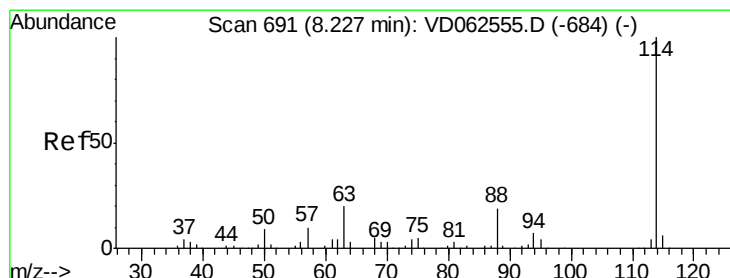
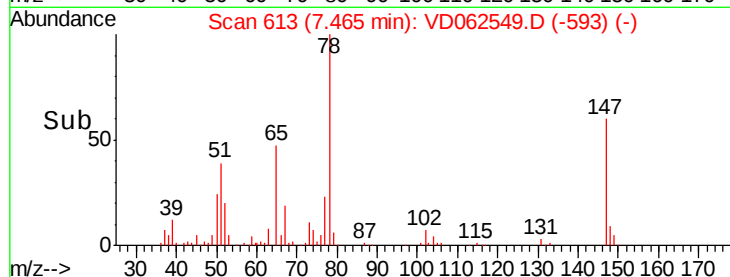
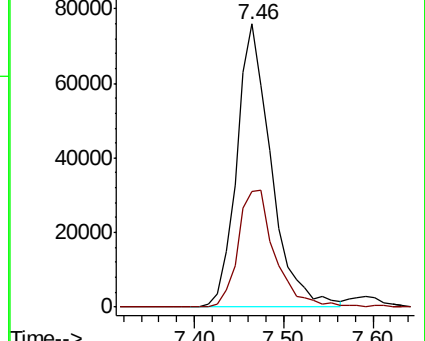
65 100

67 40.9 0.0 83.6



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.23 min Scan# 691

Delta R.T. 0.01 min

Lab File: VD062549.D

Acq: 30 May 2019 12:33

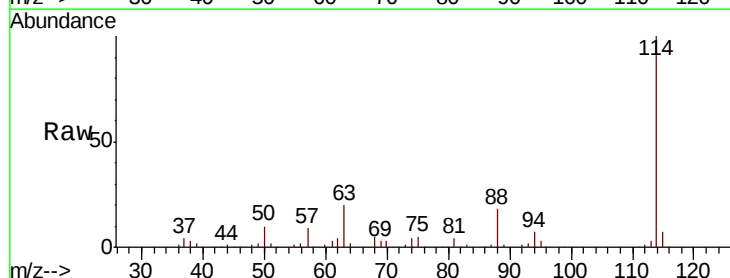
Tgt Ion: 114 Resp: 1107902

Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.6

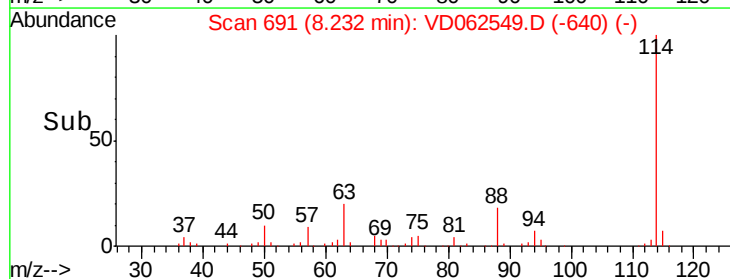
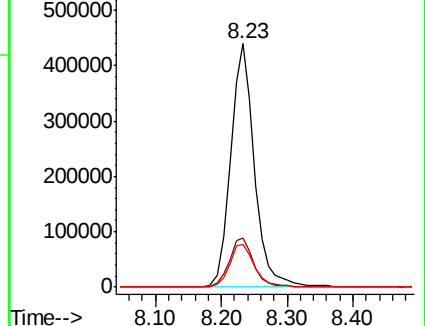
88 17.8 0.0 37.6

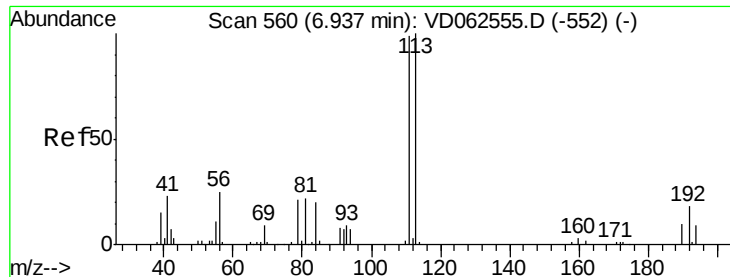


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 20.234 ug/l

RT: 6.93 min Scan# 559

Delta R.T. -0.00 min

Lab File: VD062549.D

Acq: 30 May 2019 12:33

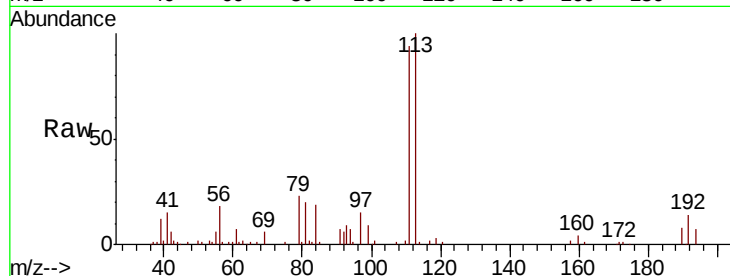
Tot Ion:113 Resp: 207165

Ion Ratio Lower Upper

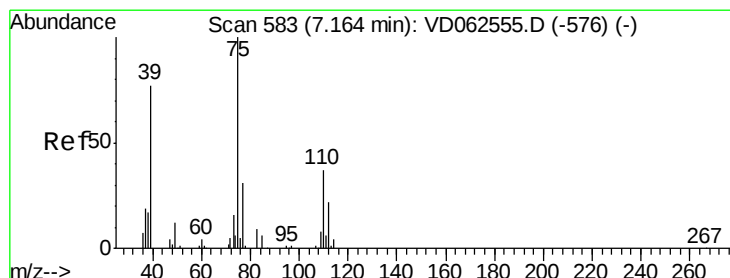
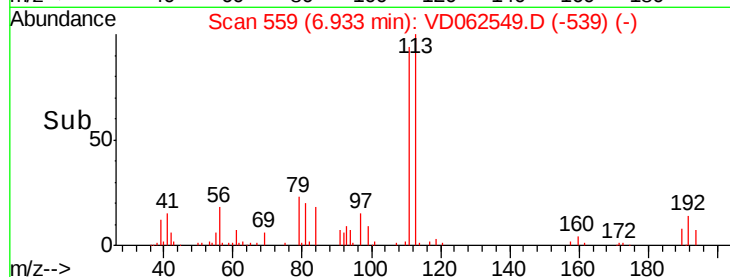
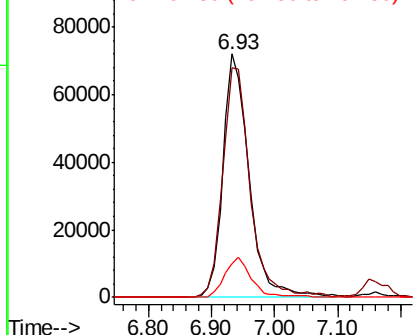
113 100

111 94.1 78.8 118.2

192 13.9 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: 21.152 ug/l

RT: 7.16 min Scan# 582

Delta R.T. -0.00 min

Lab File: VD062549.D

Acq: 30 May 2019 12:33

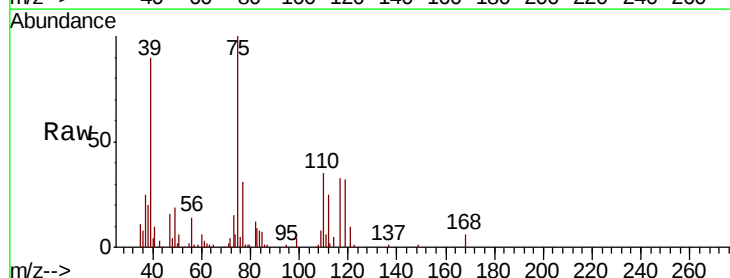
Tgt Ion: 75 Resp: 237672

Ion Ratio Lower Upper

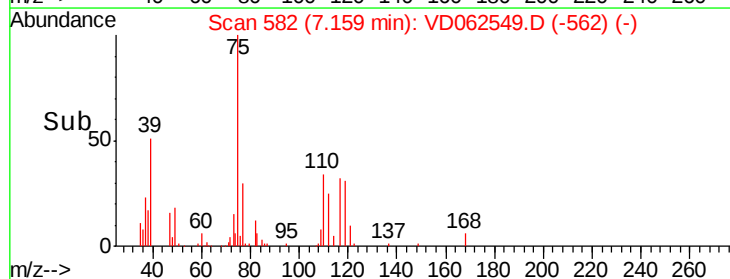
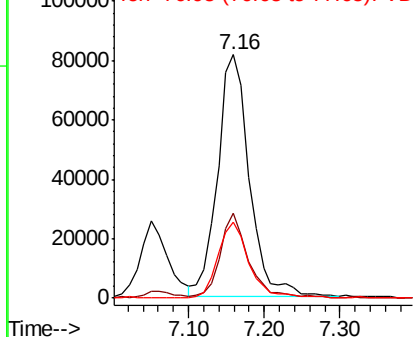
75 100

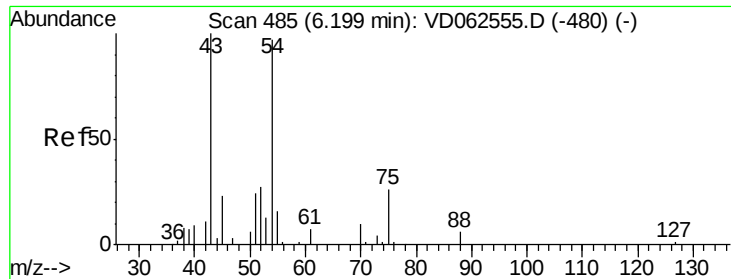
110 35.1 18.3 54.8

77 31.4 24.4 36.6



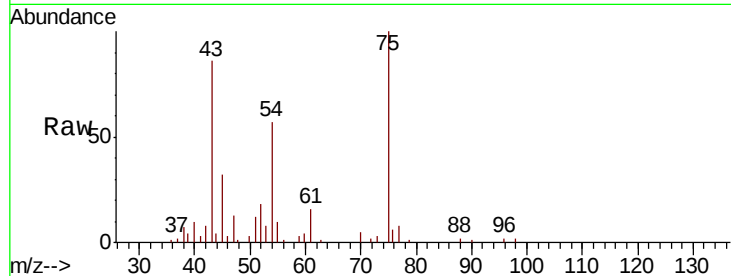
Abundance Ion 75.00 (74.70 to 75.70): V
Ion 109.90 (109.60 to 110.60): V
Ion 76.95 (76.65 to 77.65): V



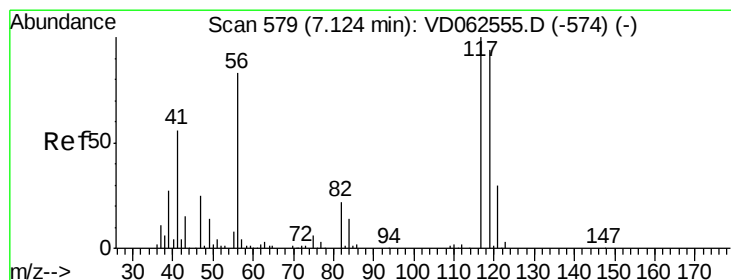
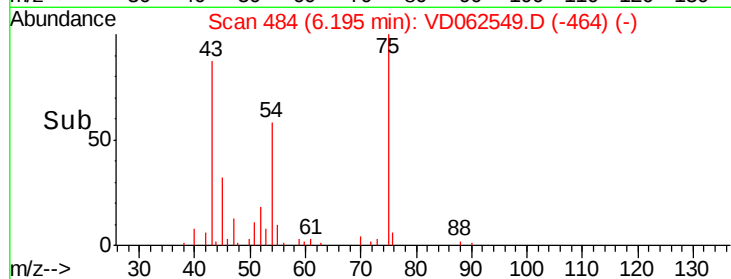
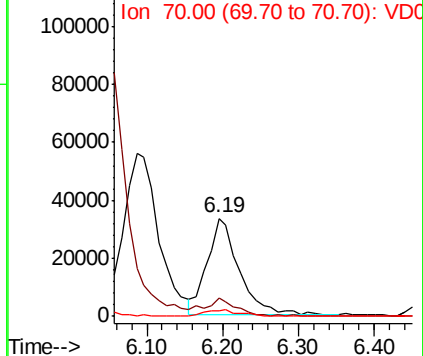


#37
Ethyl Acetate
Concen: 19.965 ug/l
RT: 6.19 min Scan# 484
Delta R.T. -0.00 min
Lab File: VD062549.D
Acq: 30 May 2019 12:33

Tot Ion: 43 Resp: 100171
Ion Ratio Lower Upper
43 100
61 18.3 9.8 14.8#
70 5.3 6.5 9.7#

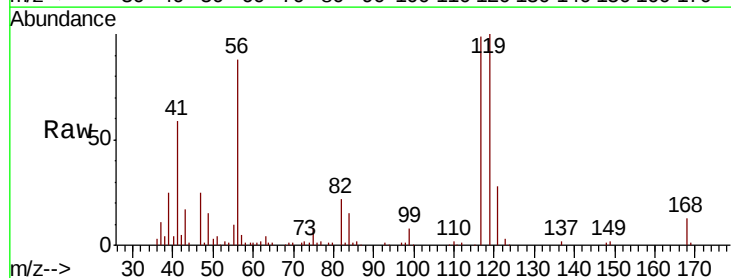


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 60.95 (60.65 to 61.65): VDC
Ion 70.00 (69.70 to 70.70): VDC

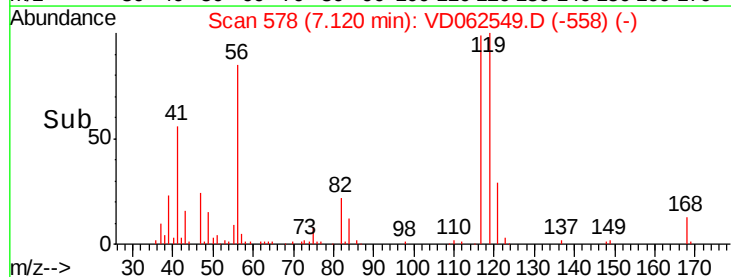
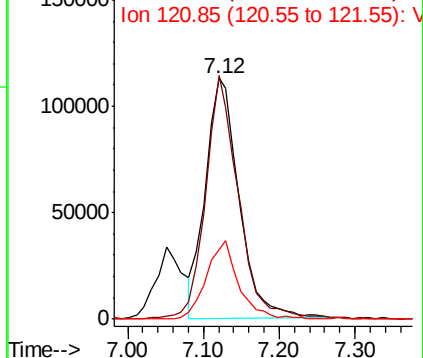


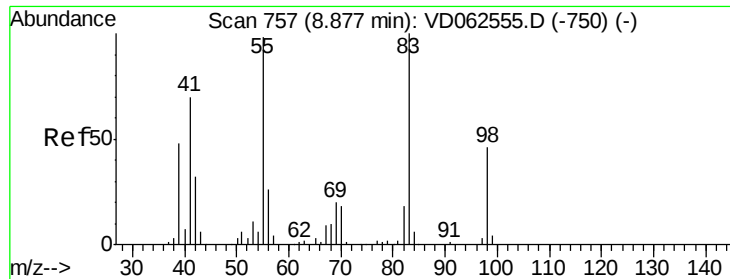
#38
Carbon Tetrachloride
Concen: 20.620 ug/l
RT: 7.12 min Scan# 578
Delta R.T. -0.00 min
Lab File: VD062549.D
Acq: 30 May 2019 12:33

Tgt Ion: 117 Resp: 349951
Ion Ratio Lower Upper
117 100
119 101.1 71.4 107.2
121 28.7 22.5 33.7



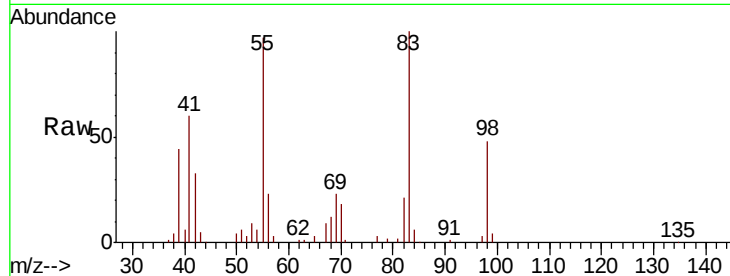
Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V



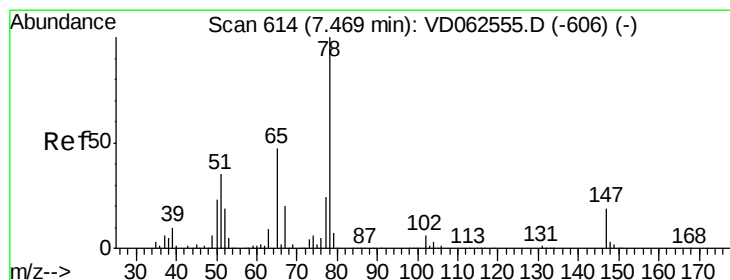
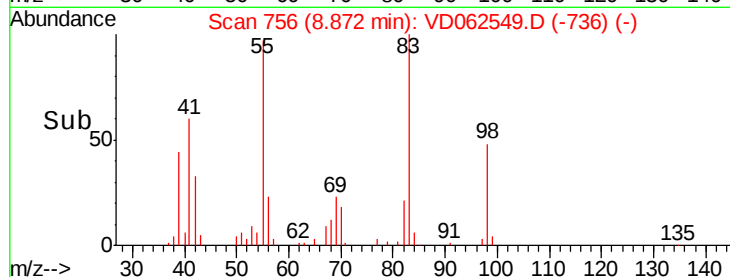
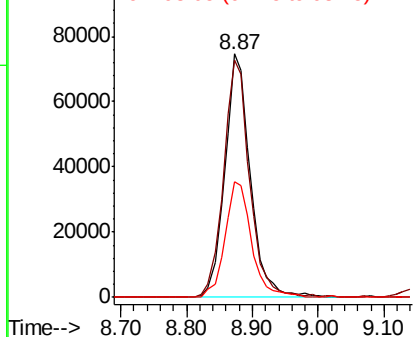


#39
Methvlcvclohexane
Concen: 21.365 ug/l
RT: 8.87 min Scan# 756
Delta R.T. -0.00 min
Lab File: VD062549.D
Acq: 30 May 2019 12:33

Tot Ion: 83 Resp: 201106
Ion Ratio Lower Upper
83 100
55 97.2 78.7 118.1
98 47.6 37.2 55.8

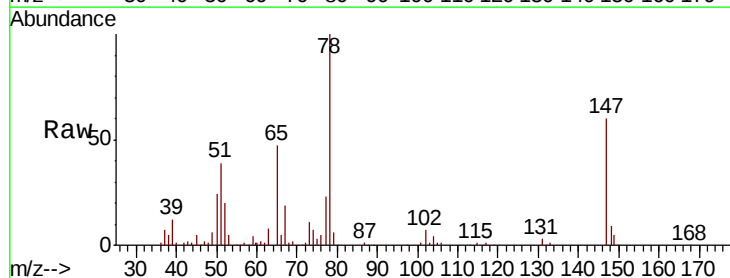


Abundance Ion 83.05 (82.75 to 83.75): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.05 (97.75 to 98.75): VDC

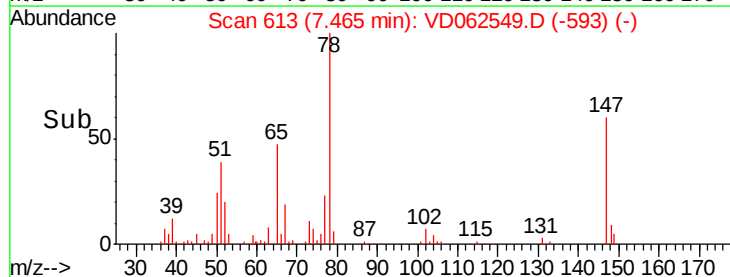
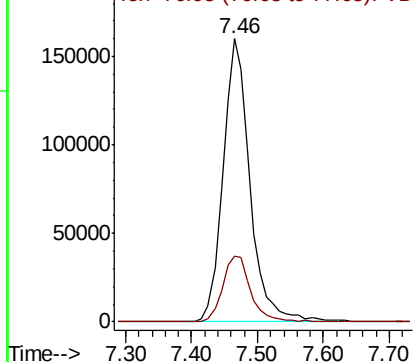


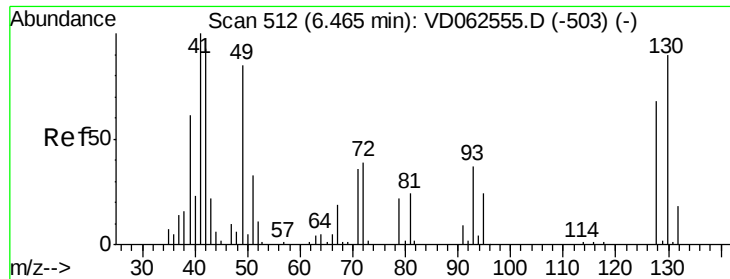
#40
Benzene
Concen: 20.675 ug/l
RT: 7.46 min Scan# 613
Delta R.T. -0.00 min
Lab File: VD062549.D
Acq: 30 May 2019 12:33

Tgt Ion: 78 Resp: 456343
Ion Ratio Lower Upper
78 100
77 23.3 19.1 28.7



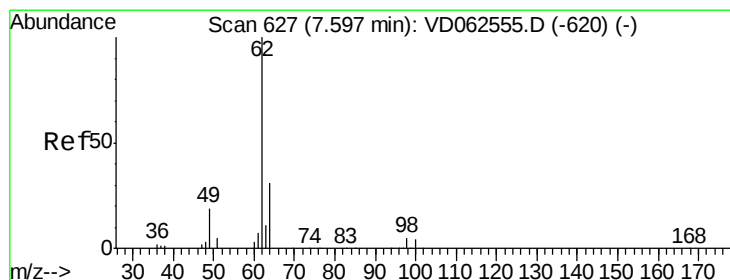
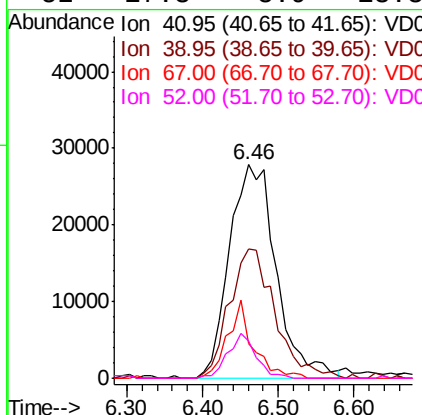
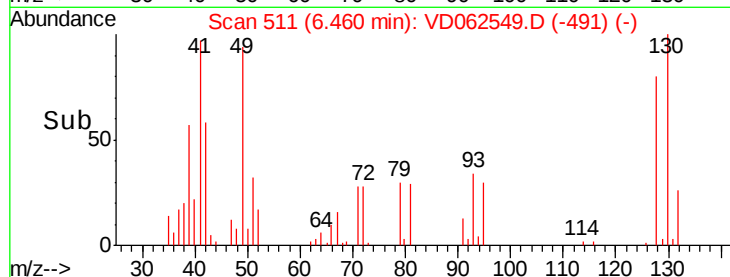
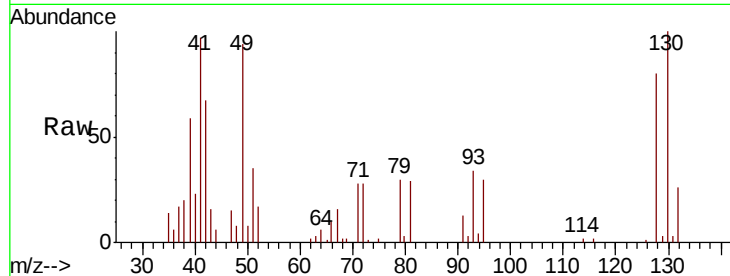
Abundance Ion 77.95 (77.65 to 78.65): VDC
Ion 76.95 (76.65 to 77.65): VDC





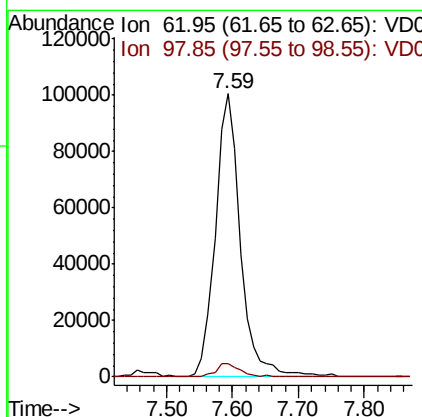
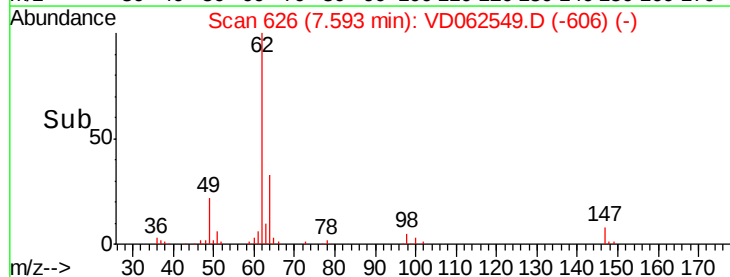
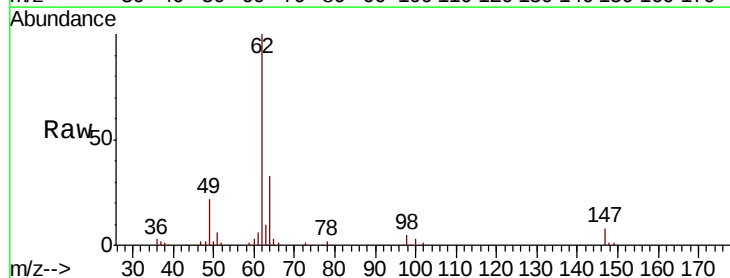
#41
Methacrylonitrile
Concen: 21.285 ug/l
RT: 6.46 min Scan# 511
Delta R.T. -0.00 min
Lab File: VD062549.D
Acq: 30 May 2019 12:33

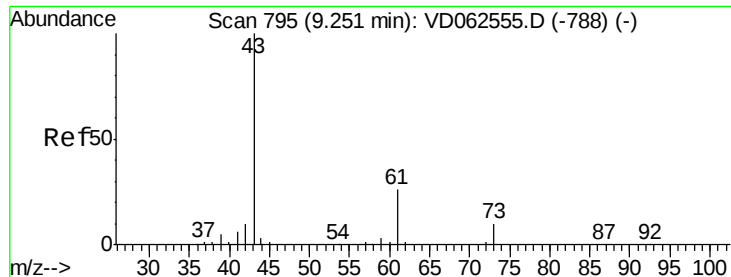
Tot Ion: 41 Resp: 119709
Ion Ratio Lower Upper
41 100
39 60.6 49.0 73.6
67 16.3 15.5 23.3
52 17.3 8.9 13.3#



#42
1,2-Dichloroethane
Concen: 21.515 ug/l
RT: 7.59 min Scan# 626
Delta R.T. -0.00 min
Lab File: VD062549.D
Acq: 30 May 2019 12:33

Tgt Ion: 62 Resp: 265121
Ion Ratio Lower Upper
62 100
98 5.2 0.0 11.0





#43

Isopropyl Acetate

Concen: 22.025 ug/l

RT: 9.25 min Scan# 794

Delta R.T. -0.00 min

Lab File: VD062549.D

Acq: 30 May 2019 12:33

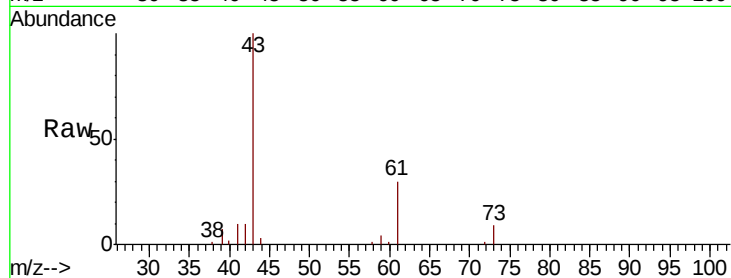
Tot Ion: 43 Resp: 131030

Ion Ratio Lower Upper

43 100

61 29.7 20.5 30.7

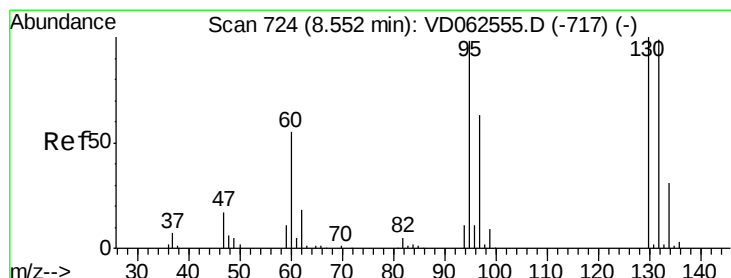
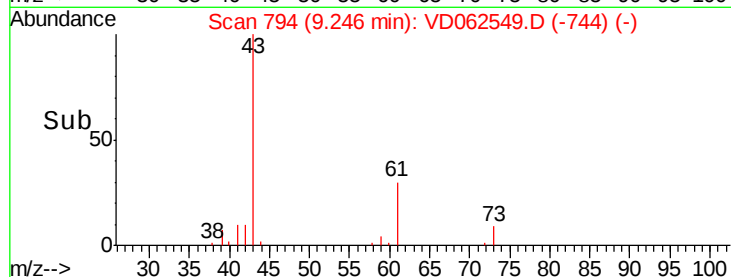
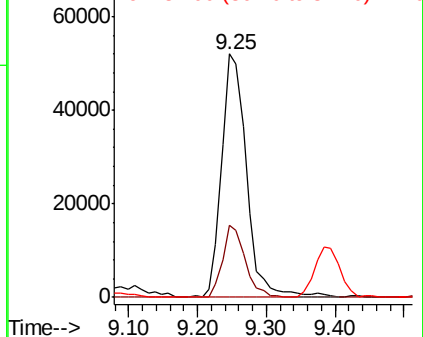
87 0.0 0.2 0.2#



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: 21.665 ug/l

RT: 8.56 min Scan# 724

Delta R.T. 0.01 min

Lab File: VD062549.D

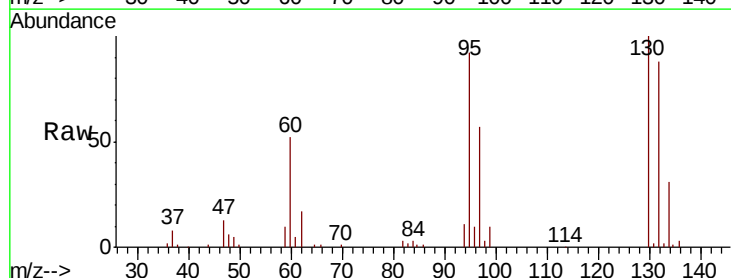
Acq: 30 May 2019 12:33

Tgt Ion:130 Resp: 191407

Ion Ratio Lower Upper

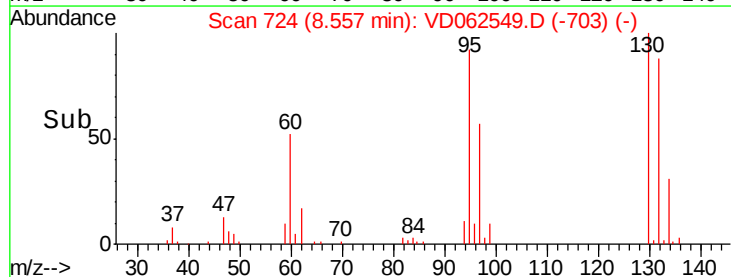
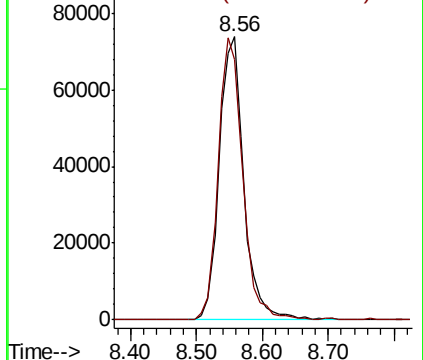
130 100

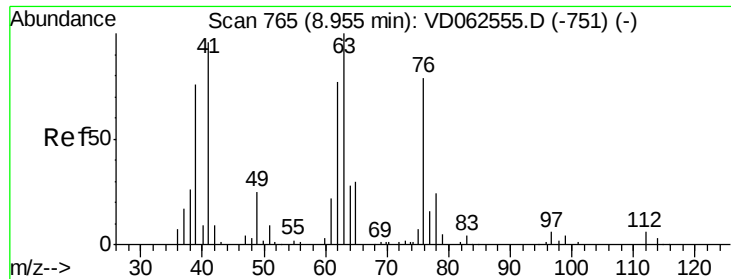
95 92.0 0.0 196.6



Abundance Ion 129.80 (129.50 to 130.50): VDC

Ion 94.90 (94.60 to 95.60): VDC





#45

1,2-Dichloropropane

Concen: 20.916 ug/l

RT: 8.95 min Scan# 764

Delta R.T. -0.00 min

Lab File: VD062549.D

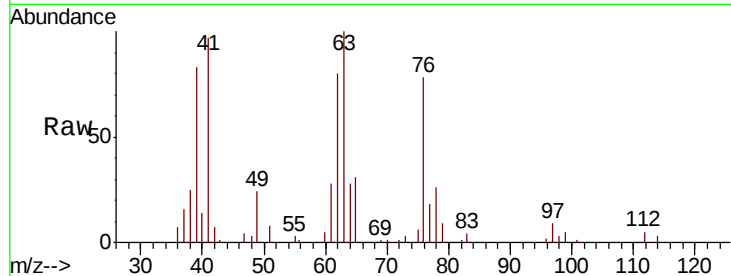
Acq: 30 May 2019 12:33

Tot Ion: 63 Resp: 113397

Ion Ratio Lower Upper

63 100

65 31.1 23.7 35.5



Abundance Ion 62.95 (62.65 to 63.65): VDC

Ion 64.95 (64.65 to 65.65): VDC

8.95

40000

30000

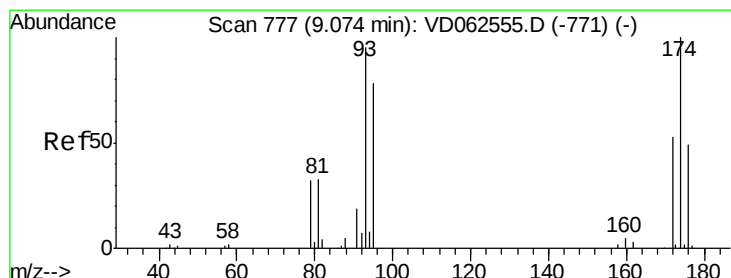
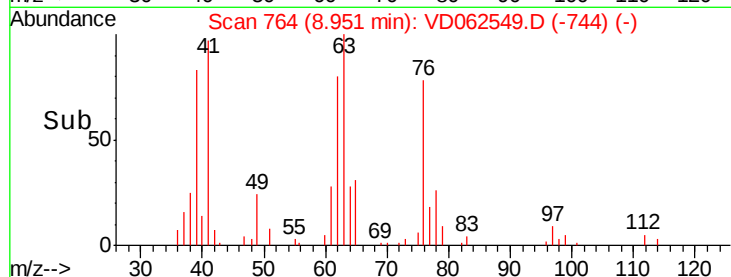
20000

10000

0

8.80 8.90 9.00 9.10

Time-->



#46

Dibromomethane

Concen: 21.570 ug/l

RT: 9.08 min Scan# 777

Delta R.T. 0.01 min

Lab File: VD062549.D

Acq: 30 May 2019 12:33

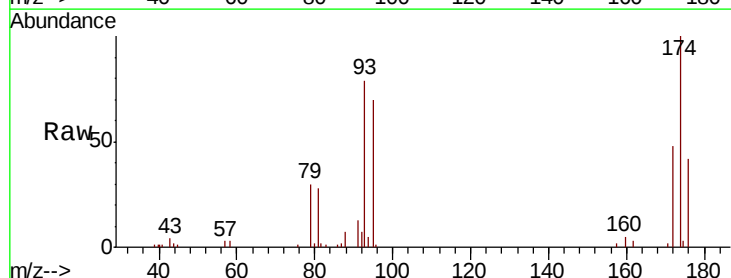
Tgt Ion: 93 Resp: 97545

Ion Ratio Lower Upper

93 100

95 88.3 66.1 99.1

174 126.7 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

60000

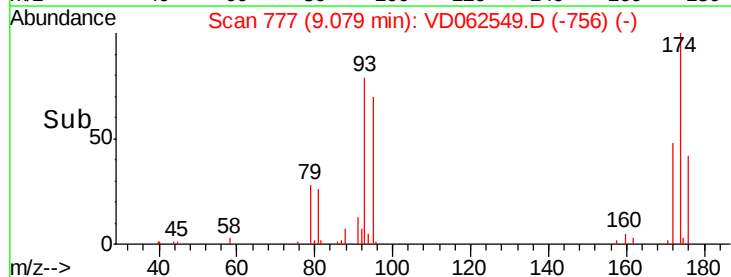
40000

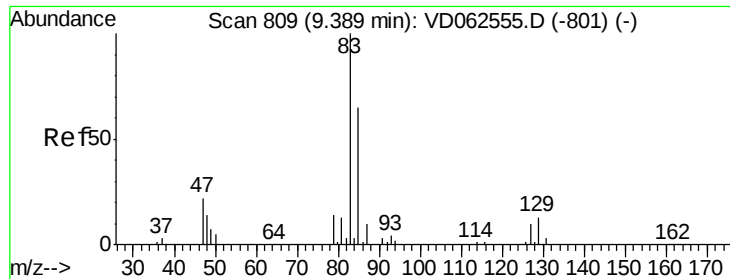
20000

0

9.00 9.10 9.20

Time-->





#47

Bromodichloromethane

Concen: 21.824 ug/l

RT: 9.38 min Scan# 808

Delta R.T. -0.00 min

Lab File: VD062549.D

Acq: 30 May 2019 12:33

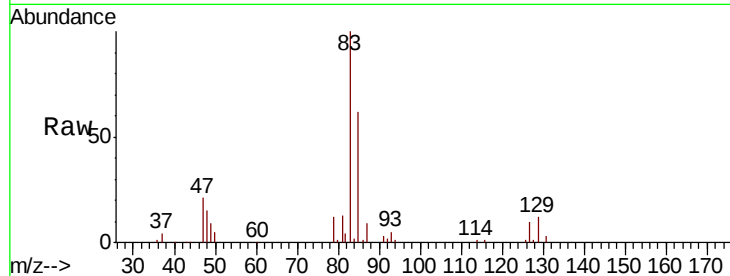
Tot Ion: 83 Resp: 274151

Ion Ratio Lower Upper

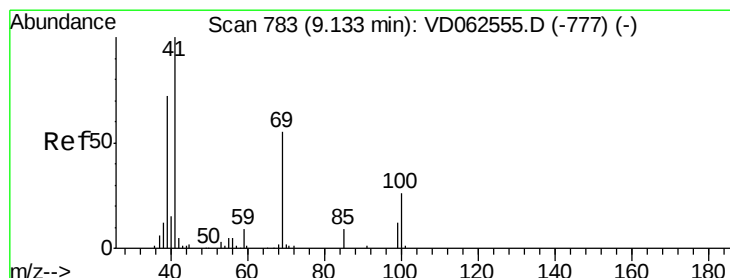
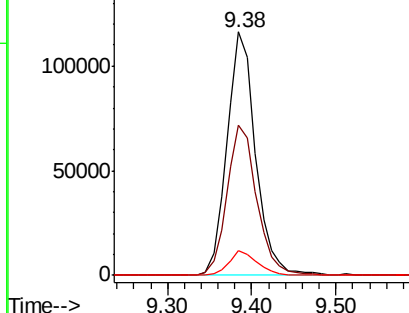
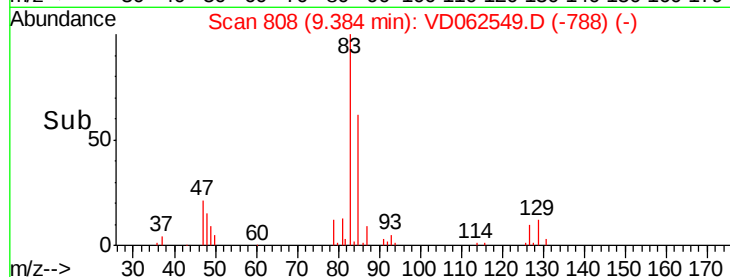
83 100

85 61.9 51.8 77.8

127 10.2 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: 19.825 ug/l

RT: 9.14 min Scan# 783

Delta R.T. 0.01 min

Lab File: VD062549.D

Acq: 30 May 2019 12:33

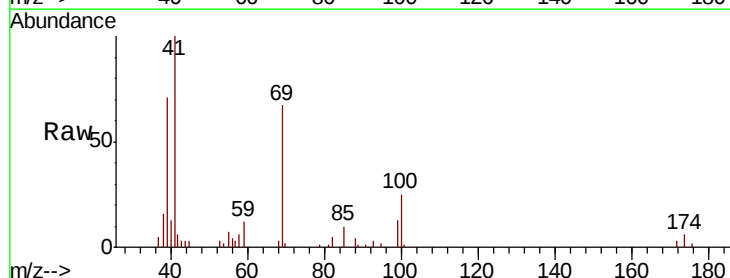
Tgt Ion: 41 Resp: 81041

Ion Ratio Lower Upper

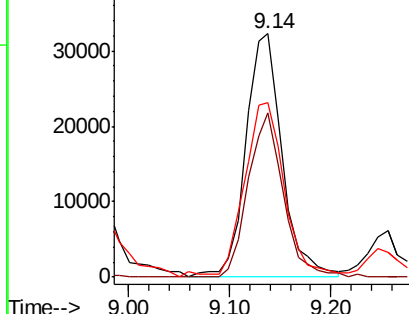
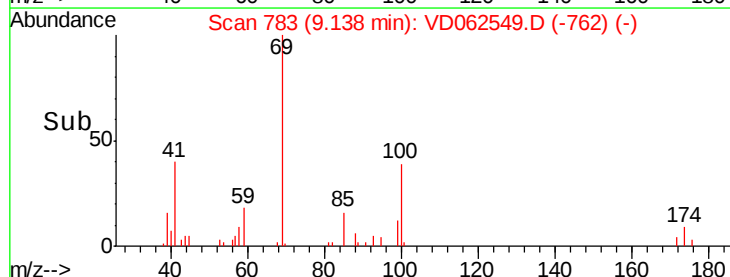
41 100

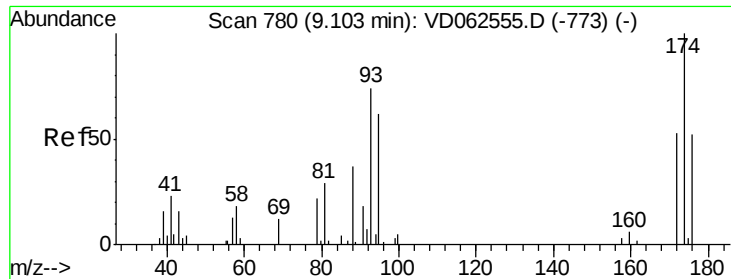
69 67.4 43.6 65.4#

39 71.4 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: 391.208 ug/l

RT: 9.09 min Scan# 778

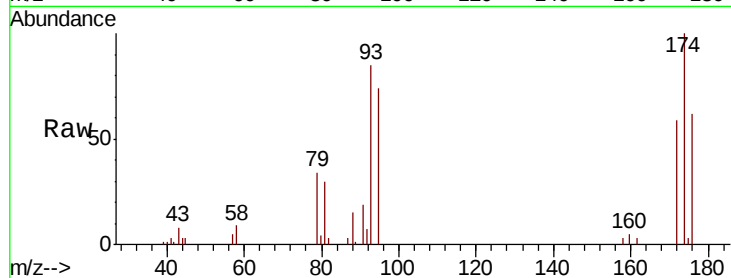
Delta R.T. -0.01 min

Lab File: VD062549.D

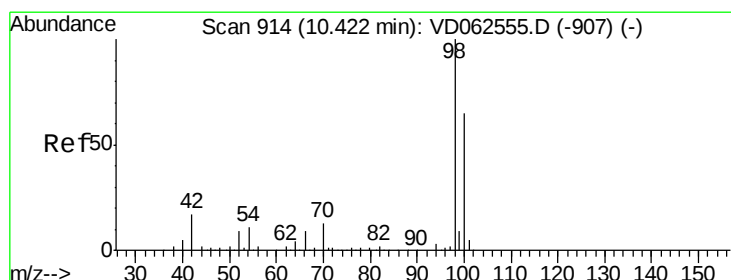
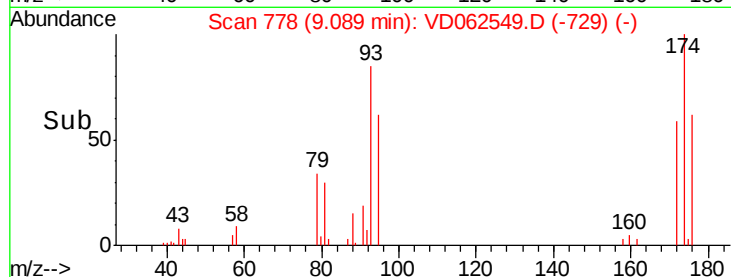
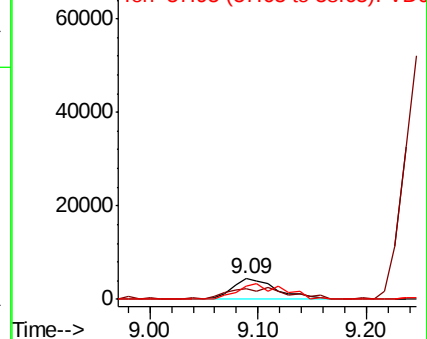
Acq: 30 May 2019 12:33

Tot Ion: 88 Resp: 12982

Ion	Ratio	Lower	Upper
88	100		
43	54.1	37.1	55.7
58	61.6	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: 20.986 ug/l

RT: 10.42 min Scan# 913

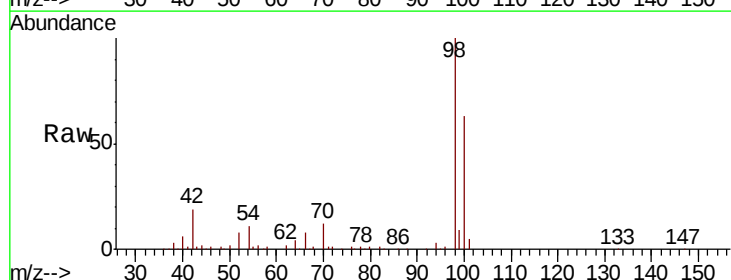
Delta R.T. -0.00 min

Lab File: VD062549.D

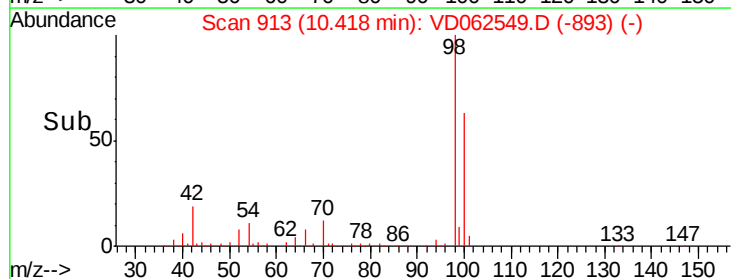
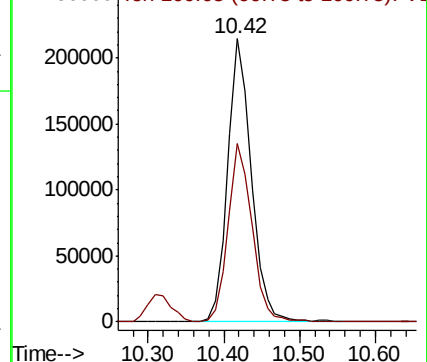
Acq: 30 May 2019 12:33

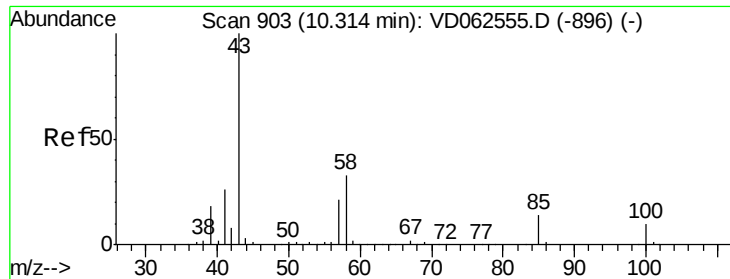
Tgt Ion: 98 Resp: 465636

Ion	Ratio	Lower	Upper
98	100		
100	63.2	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: 105.178 ug/l

RT: 10.31 min Scan# 902

Delta R.T. -0.00 min

Lab File: VD062549.D

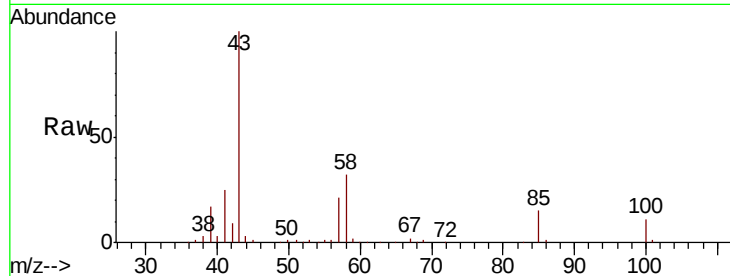
Acq: 30 May 2019 12:33

Tot Ion: 43 Resp: 442650

Ion Ratio Lower Upper

43 100

58 31.7 26.1 39.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

10.31

150000

100000

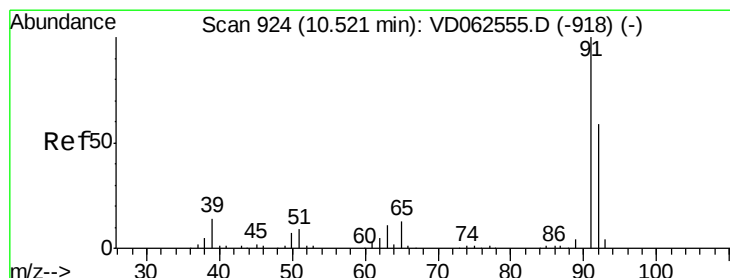
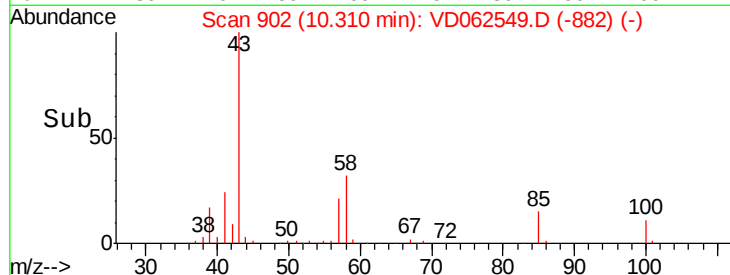
50000

0

Time-->

10.20

10.40



#52

Toluene

Concen: 21.979 ug/l

RT: 10.52 min Scan# 923

Delta R.T. -0.00 min

Lab File: VD062549.D

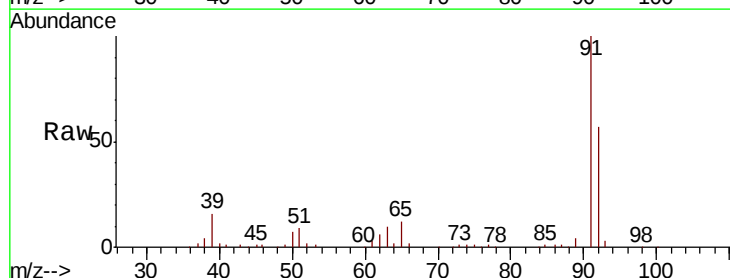
Acq: 30 May 2019 12:33

Tgt Ion: 92 Resp: 330042

Ion Ratio Lower Upper

92 100

91 176.2 135.5 203.3



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

10.52

250000

200000

150000

100000

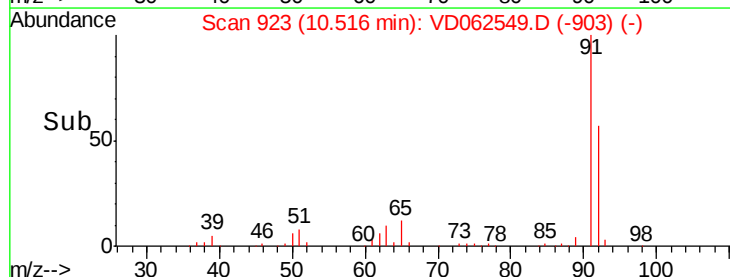
50000

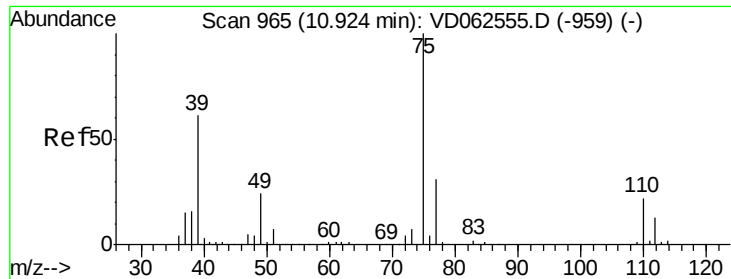
0

Time-->

10.40

10.60





#53

t-1,3-Dichloropropene

Concen: 20.183 ug/l

RT: 10.93 min Scan# 965

Delta R.T. 0.01 min

Lab File: VD062549.D

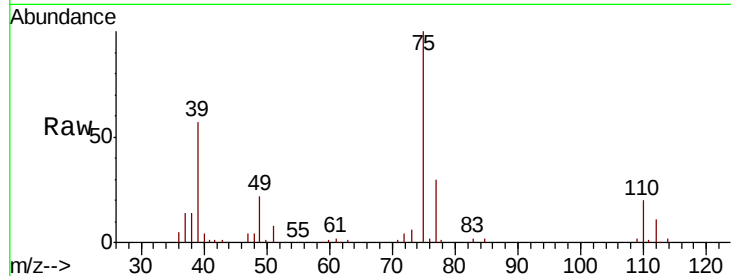
Acq: 30 May 2019 12:33

Tot Ion: 75 Resp: 216739

Ion Ratio Lower Upper

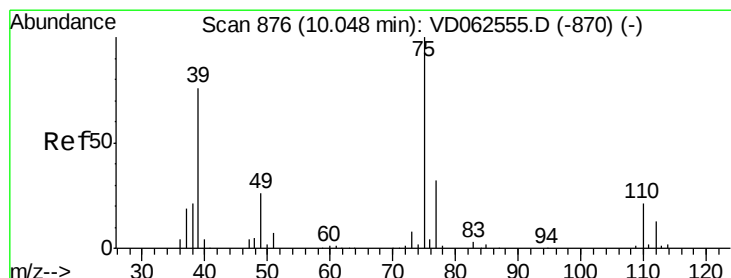
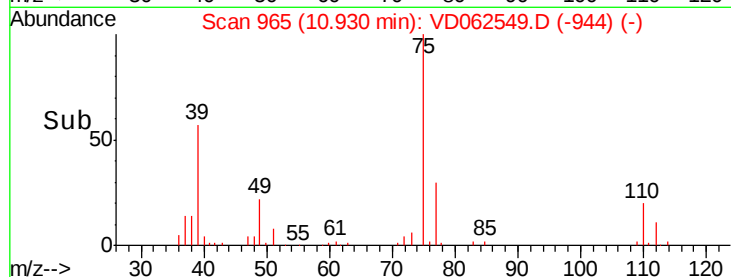
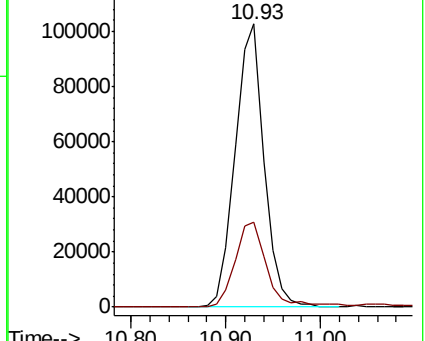
75 100

77 30.0 24.5 36.7



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC



#54

cis-1,3-Dichloropropene

Concen: 21.829 ug/l

RT: 10.05 min Scan# 876

Delta R.T. 0.01 min

Lab File: VD062549.D

Acq: 30 May 2019 12:33

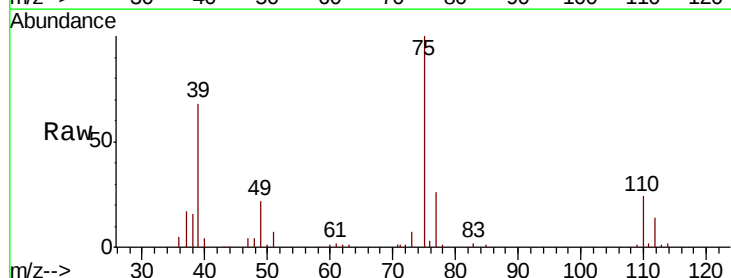
Tgt Ion: 75 Resp: 242323

Ion Ratio Lower Upper

75 100

77 26.3 25.7 38.5

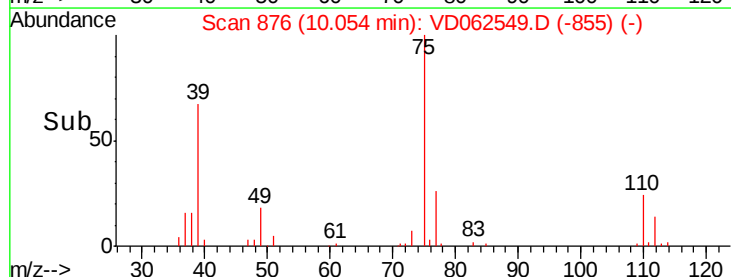
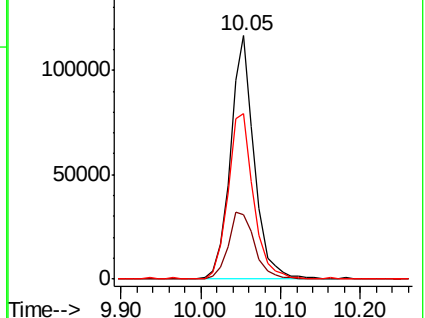
39 68.1 61.0 91.6

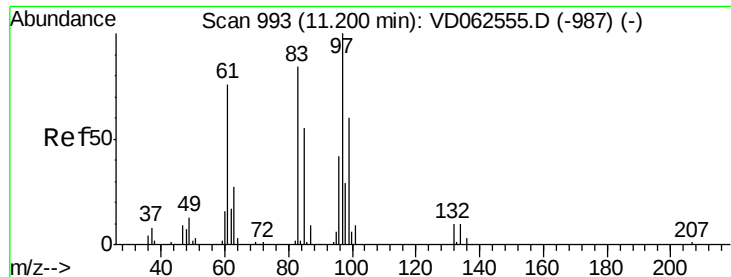


Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

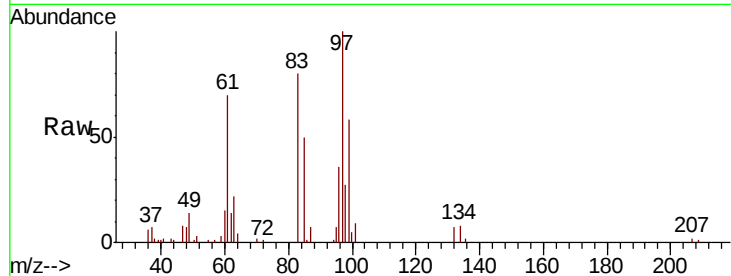
Ion 38.95 (38.65 to 39.65): VDC



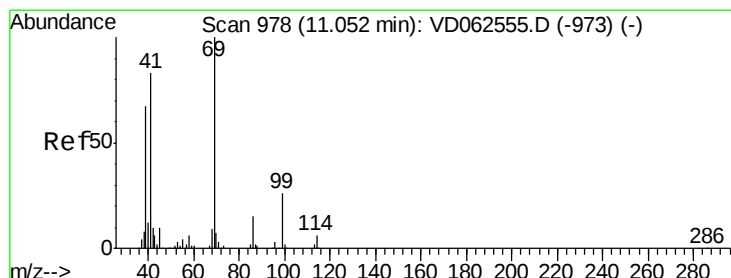
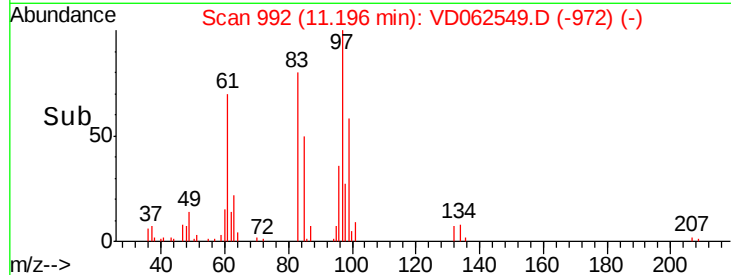
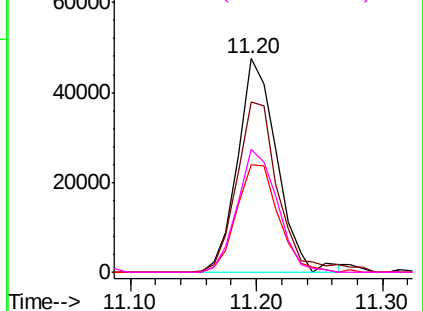


#55
 1,1,2-Trichloroethane
 Concen: 20.436 ug/l
 RT: 11.20 min Scan# 992
 Delta R.T. -0.00 min
 Lab File: VD062549.D
 Acq: 30 May 2019 12:33

Tot Ion:	97	Resp:	102039
Ion	Ratio	Lower	Upper
97	100		
83	80.0	67.3	100.9
85	50.4	43.8	65.8
99	57.6	48.2	72.2

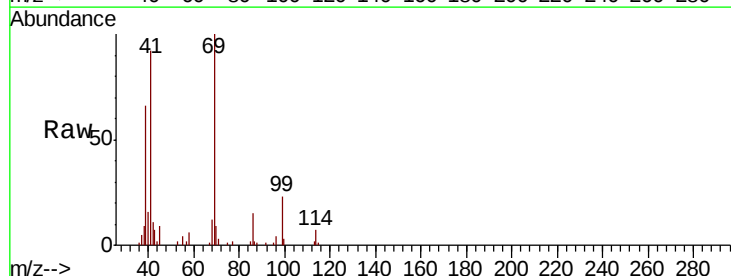


Abundance Ion 96.85 (96.55 to 97.55): VDC
 Ion 82.95 (82.65 to 83.65): VDC
 Ion 84.95 (84.65 to 85.65): VDC
 Ion 98.85 (98.55 to 99.55): VDC

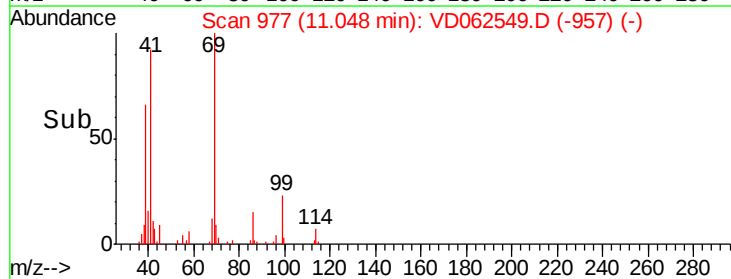
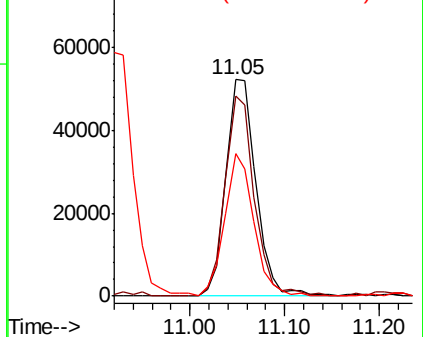


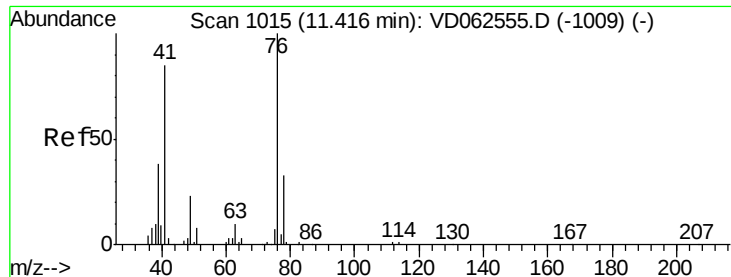
#56
 Ethyl methacrylate
 Concen: 21.802 ug/l
 RT: 11.05 min Scan# 977
 Delta R.T. -0.00 min
 Lab File: VD062549.D
 Acq: 30 May 2019 12:33

Tgt Ion:	69	Resp:	115143
Ion	Ratio	Lower	Upper
69	100		
41	92.3	66.1	99.1
39	65.9	54.2	81.2



Abundance Ion 69.00 (68.70 to 69.70): VDC
 Ion 41.05 (40.75 to 41.75): VDC
 Ion 38.95 (38.65 to 39.65): VDC





#57

1,3-Dichloropropane

Concen: 21.035 ug/l

RT: 11.42 min Scan# 1015

Delta R.T. 0.01 min

Lab File: VD062549.D

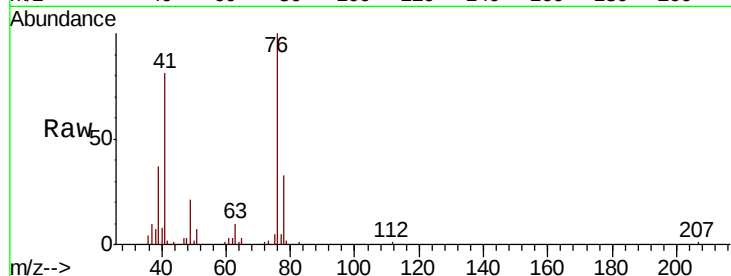
Acq: 30 May 2019 12:33

Tot Ion: 76 Resp: 159082

Ion Ratio Lower Upper

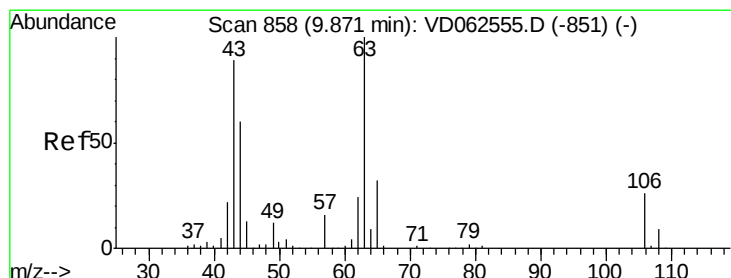
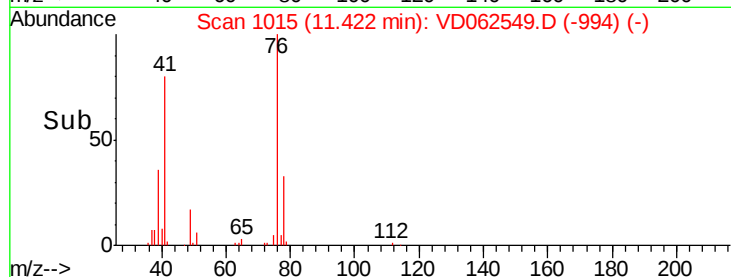
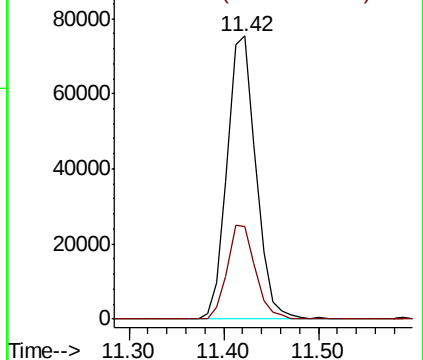
76 100

78 32.9 26.7 40.1



Abundance Ion 75.95 (75.65 to 76.65): VDC

Ion 77.95 (77.65 to 78.65): VDC



#58

2-Chloroethyl Vinyl ether

Concen: 120.092 ug/l

RT: 9.87 min Scan# 857

Delta R.T. -0.00 min

Lab File: VD062549.D

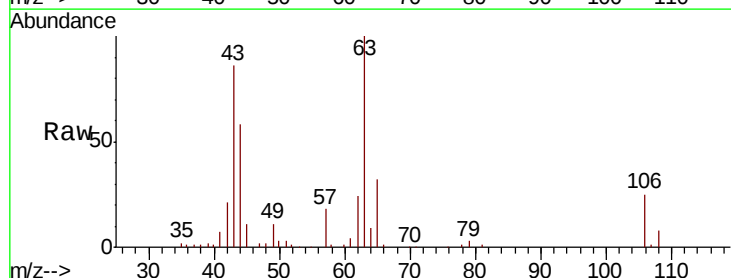
Acq: 30 May 2019 12:33

Tgt Ion: 63 Resp: 328722

Ion Ratio Lower Upper

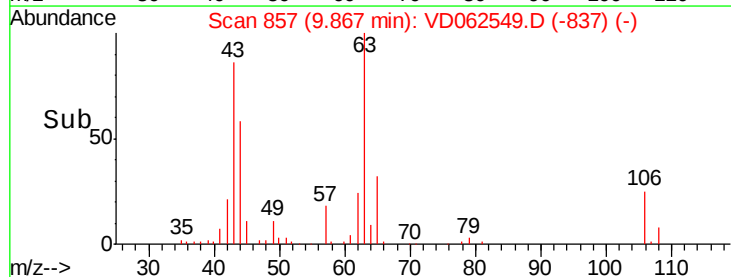
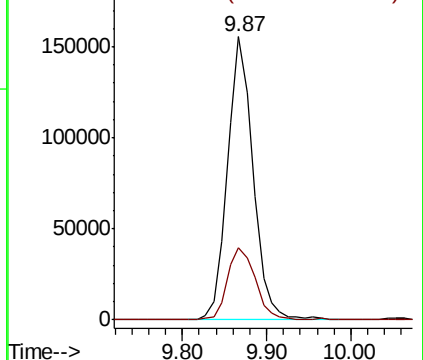
63 100

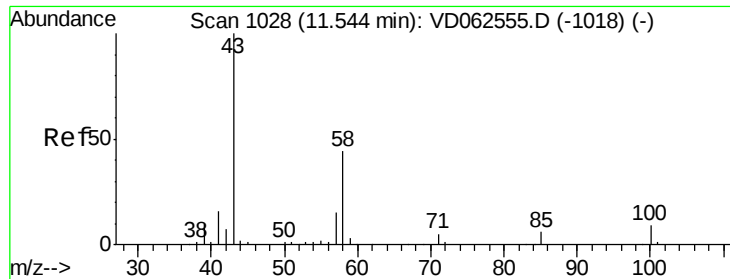
106 25.3 21.0 31.4



Abundance Ion 62.95 (62.65 to 63.65): VDC

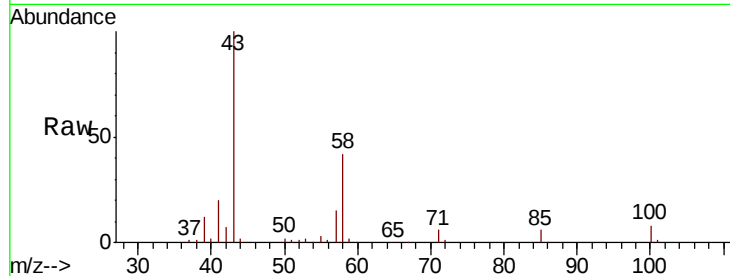
Ion 105.95 (105.65 to 106.65): V



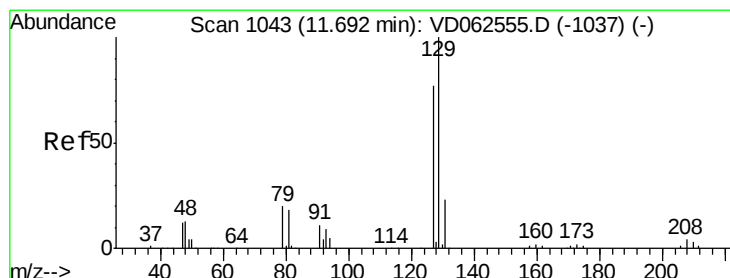
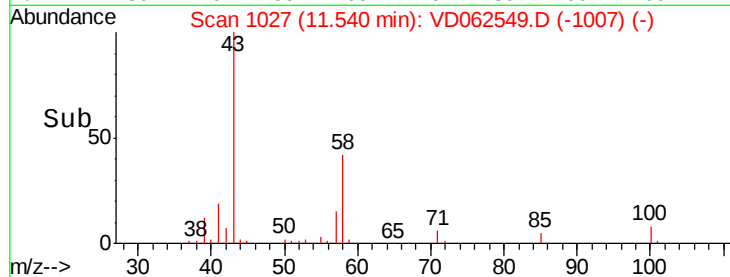
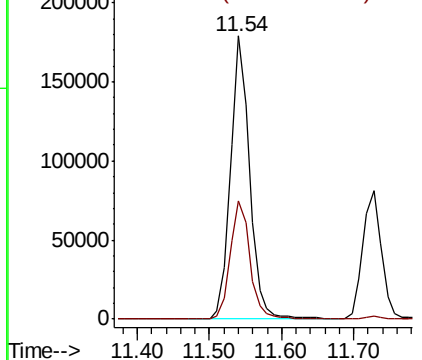


#59
2-Hexanone
Concen: 113.125 ug/l
RT: 11.54 min Scan# 1027
Delta R.T. -0.00 min
Lab File: VD062549.D
Acq: 30 May 2019 12:33

Tot Ion: 43 Resp: 332643
Ion Ratio Lower Upper
43 100
58 41.7 22.0 66.0

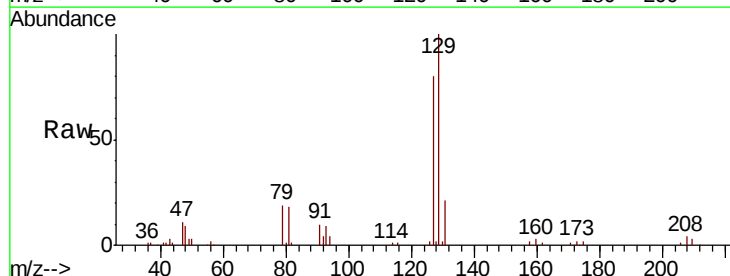


Abundance Ion 42.95 (42.65 to 43.65): VD062555.D (-1018) (-)
Ion 57.95 (57.65 to 58.65): VD062555.D (-1018) (-)

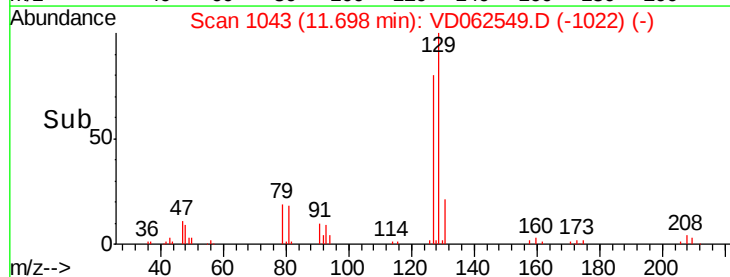
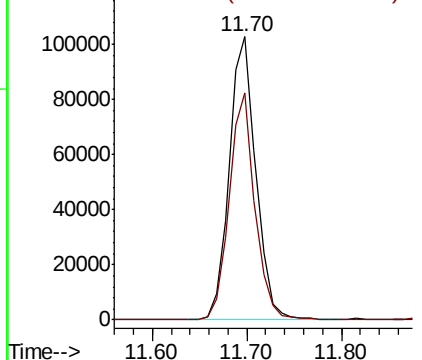


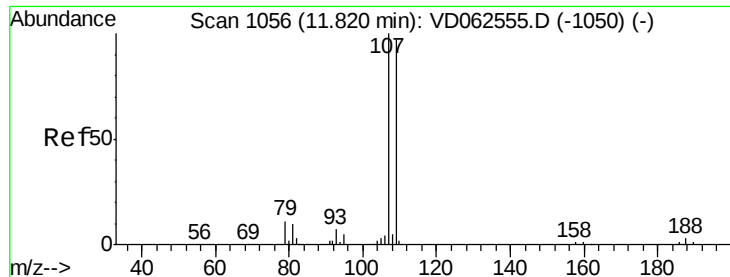
#60
Dibromochloromethane
Concen: 20.618 ug/l
RT: 11.70 min Scan# 1043
Delta R.T. 0.01 min
Lab File: VD062549.D
Acq: 30 May 2019 12:33

Tgt Ion: 129 Resp: 199721
Ion Ratio Lower Upper
129 100
127 80.3 38.6 115.8



Abundance Ion 128.80 (128.50 to 129.50): VD062555.D (-1037) (-)
Ion 126.80 (126.50 to 127.50): VD062555.D (-1037) (-)





#61

1,2-Dibromoethane

Concen: 21.679 ug/l

RT: 11.82 min Scan# 1055

Delta R.T. -0.00 min

Lab File: VD062549.D

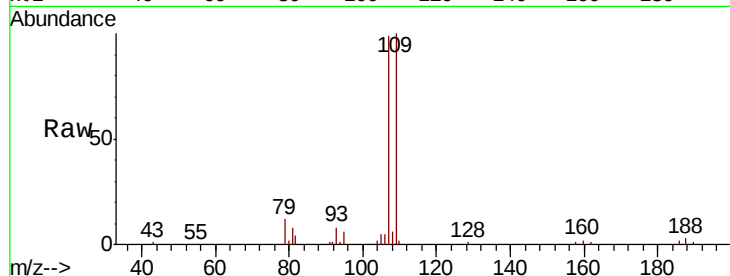
Acq: 30 May 2019 12:33

Tot Ion:107 Resp: 128093

Ion Ratio Lower Upper

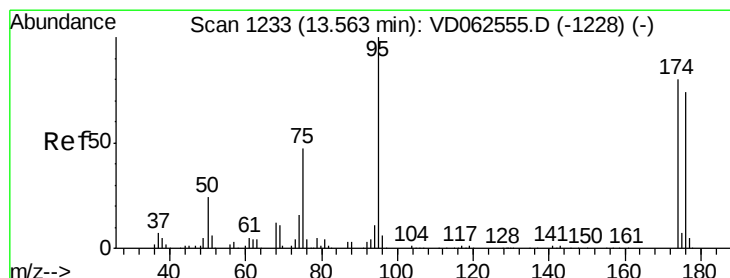
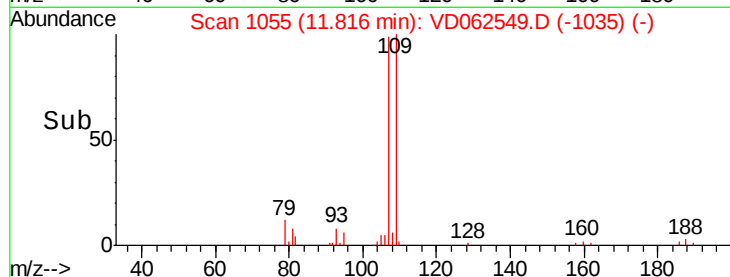
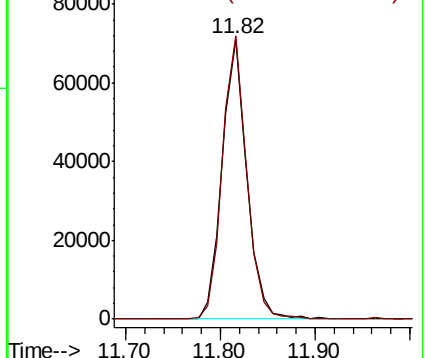
107 100

109 101.1 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: 20.209 ug/l

RT: 13.56 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD062549.D

Acq: 30 May 2019 12:33

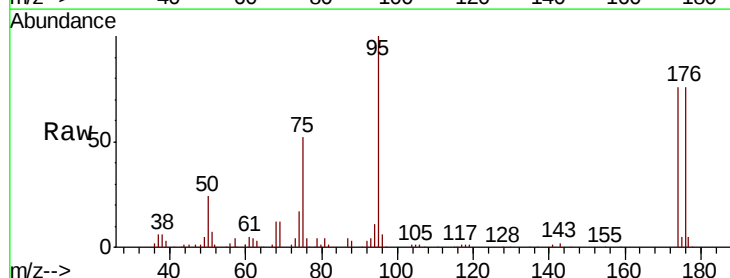
Tgt Ion: 95 Resp: 201040

Ion Ratio Lower Upper

95 100

174 75.9 0.0 160.2

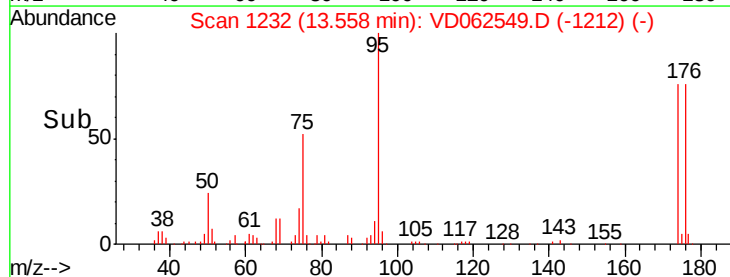
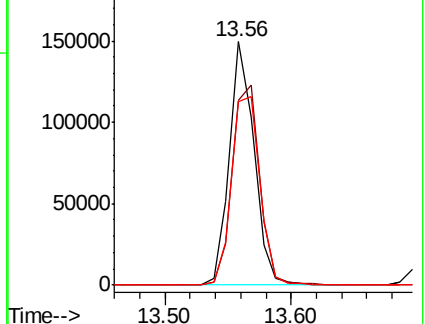
176 75.5 0.0 148.0

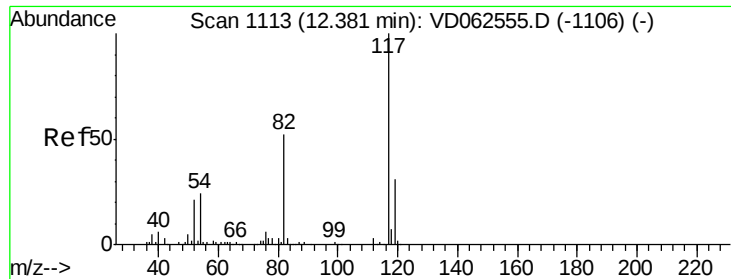


Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

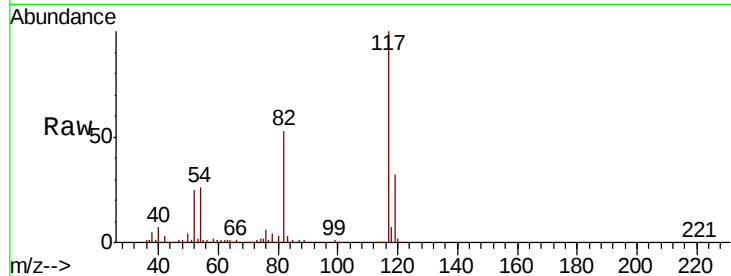
Ion 175.90 (175.60 to 176.60): V



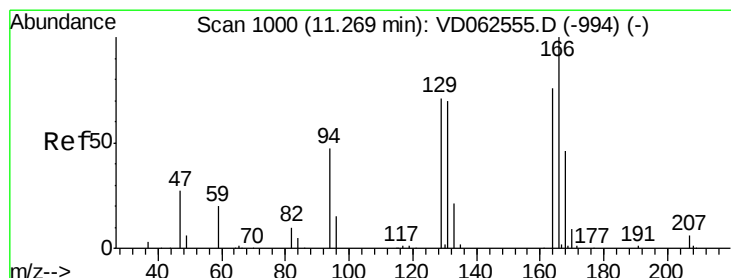
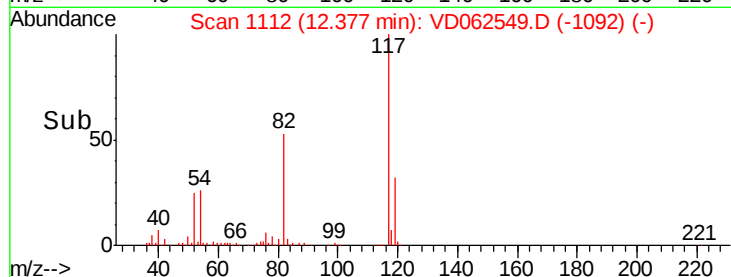
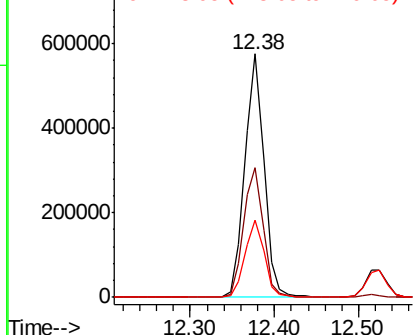


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VD062549.D
Acq: 30 May 2019 12:33

Tot Ion:117 Resp: 921877
Ion Ratio Lower Upper
117 100
82 53.2 41.4 62.2
119 31.6 24.9 37.3

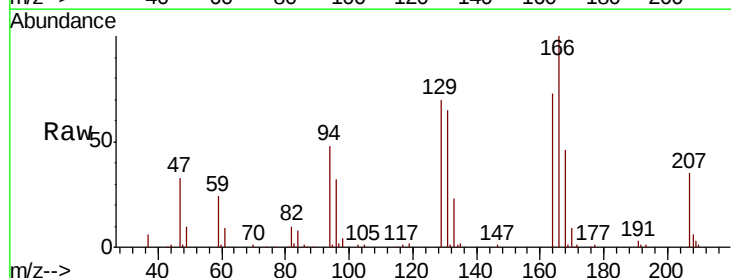


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): VD
Ion 118.95 (118.65 to 119.65): V

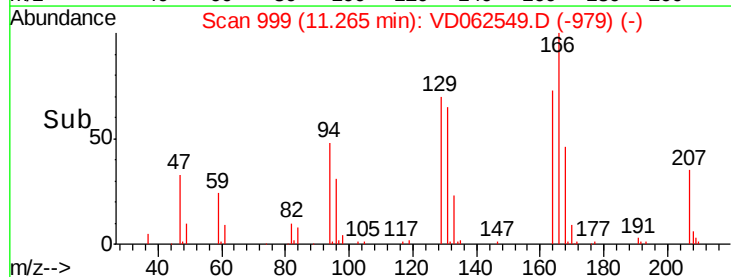
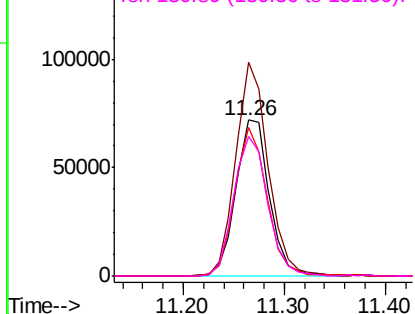


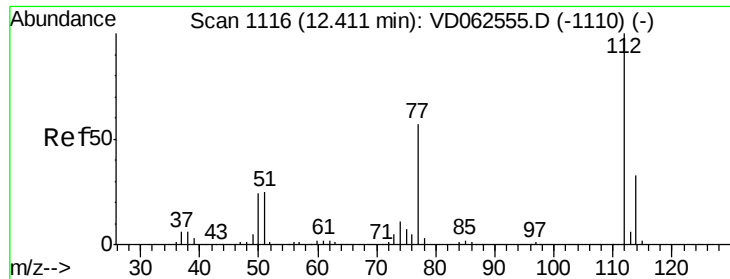
#64
Tetrachloroethene
Concen: 19.932 ug/l
RT: 11.26 min Scan# 999
Delta R.T. -0.00 min
Lab File: VD062549.D
Acq: 30 May 2019 12:33

Tgt Ion:164 Resp: 166298
Ion Ratio Lower Upper
164 100
166 137.2 105.3 157.9
129 95.8 75.3 112.9
131 89.5 73.3 109.9



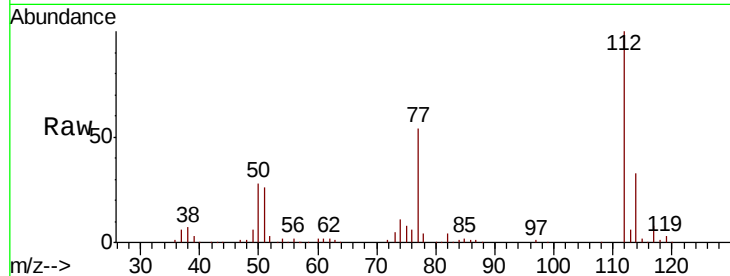
Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.85 (165.55 to 166.55): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V



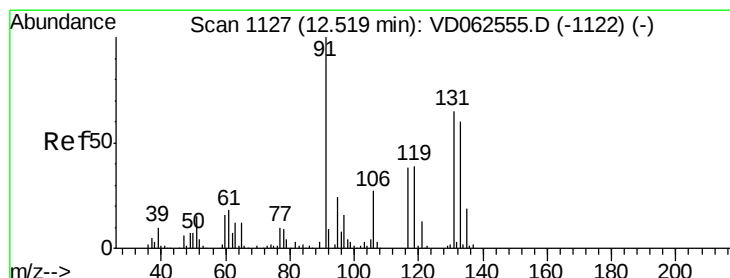
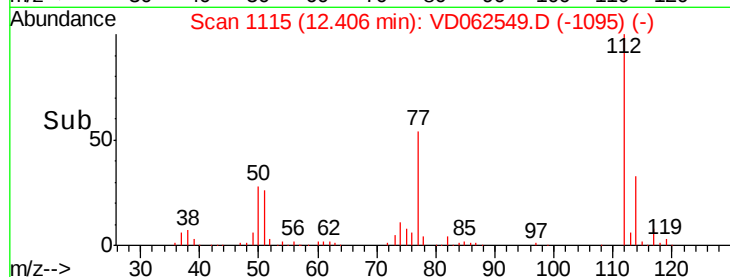
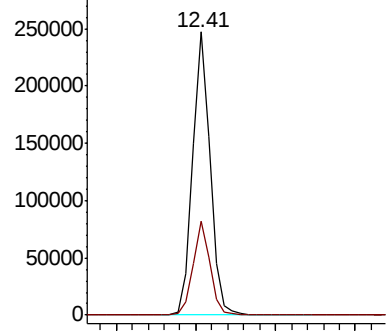


#65
Chlorobenzene
Concen: 20.787 ug/l
RT: 12.41 min Scan# 1115
Delta R.T. -0.00 min
Lab File: VD062549.D
Acq: 30 May 2019 12:33

Tot Ion:112 Resp: 387489
Ion Ratio Lower Upper
112 100
114 33.2 26.6 39.8

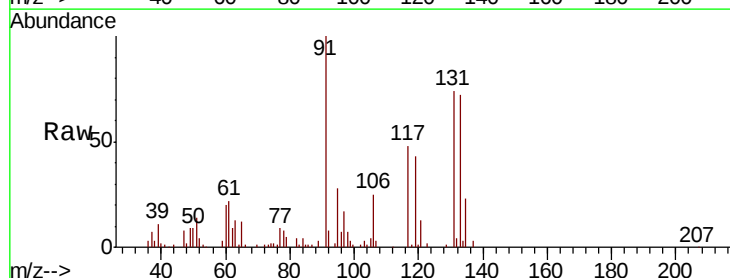


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 114.00 (113.70 to 114.70): V

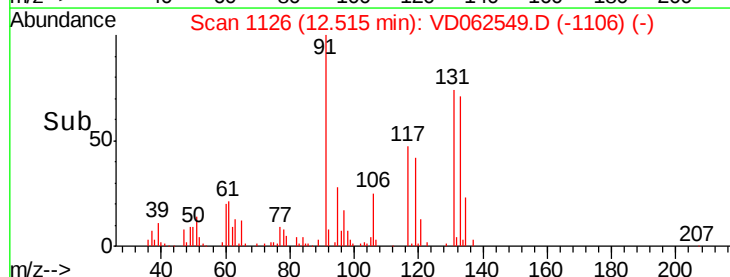
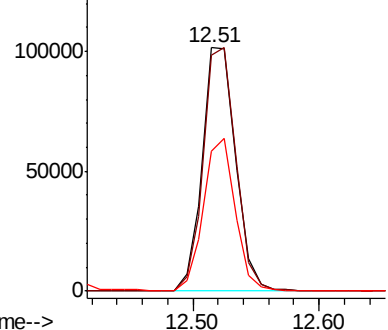


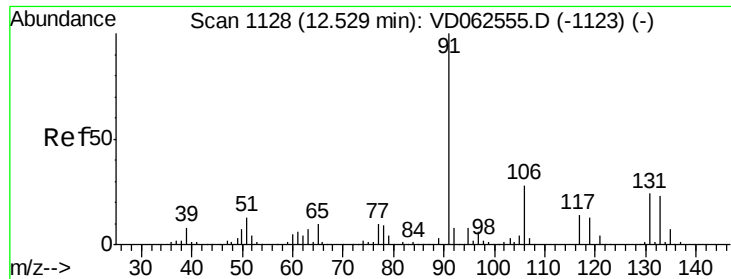
#66
1,1,1,2-Tetrachloroethane
Concen: 21.220 ug/l
RT: 12.51 min Scan# 1126
Delta R.T. -0.00 min
Lab File: VD062549.D
Acq: 30 May 2019 12:33

Tgt Ion:131 Resp: 184865
Ion Ratio Lower Upper
131 100
133 97.1 46.2 138.6
119 57.7 29.5 88.6



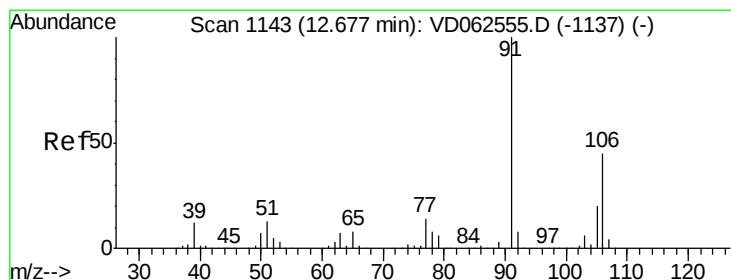
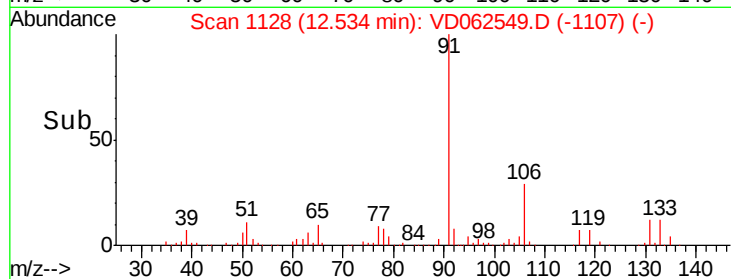
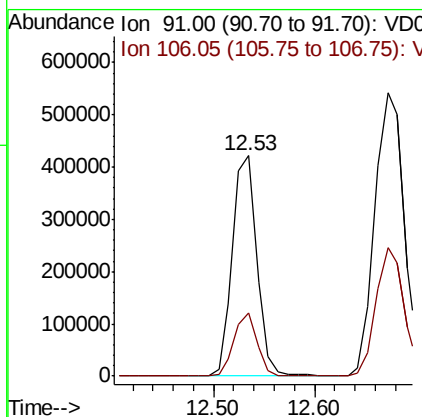
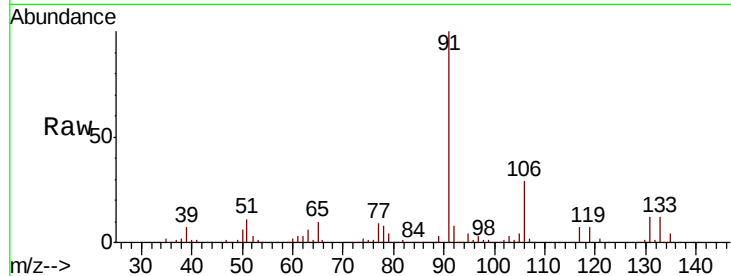
Abundance Ion 130.90 (130.60 to 131.60): V
Ion 132.90 (132.60 to 133.60): V
Ion 118.85 (118.55 to 119.55): V





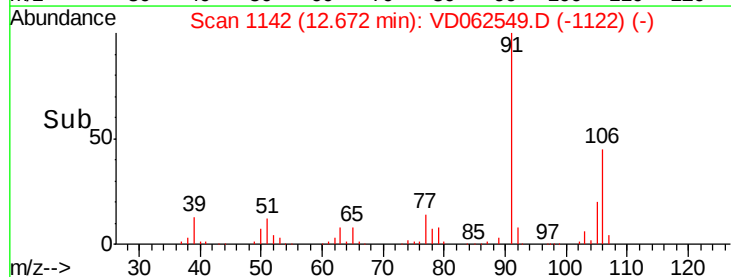
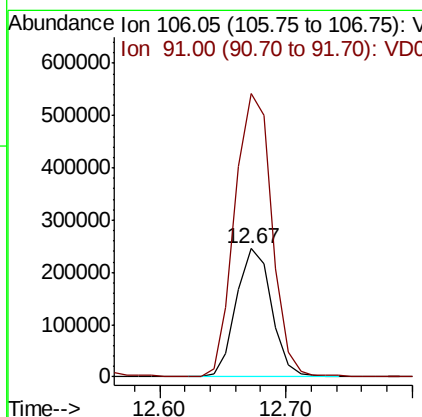
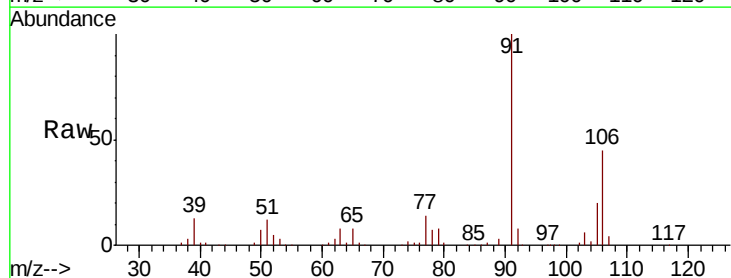
#67
Ethyl Benzene
Concen: 21.156 ug/l
RT: 12.53 min Scan# 1128
Delta R.T. 0.01 min
Lab File: VD062549.D
Acq: 30 May 2019 12:33

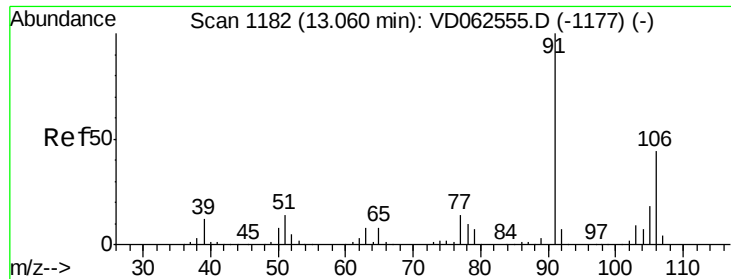
Tot Ion: 91 Resp: 710600
Ion Ratio Lower Upper
91 100
106 28.5 22.2 33.2



#68
m/p-Xylenes
Concen: 41.782 ug/l
RT: 12.67 min Scan# 1142
Delta R.T. -0.00 min
Lab File: VD062549.D
Acq: 30 May 2019 12:33

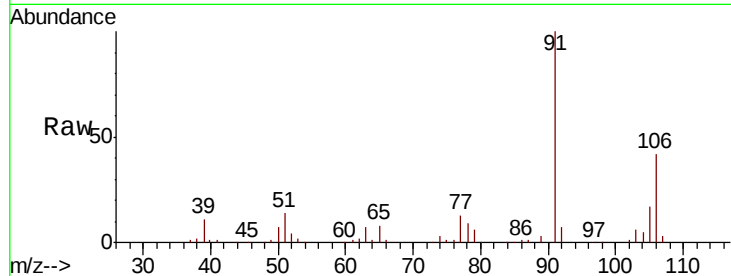
Tgt Ion: 106 Resp: 476601
Ion Ratio Lower Upper
106 100
91 221.2 178.9 268.3



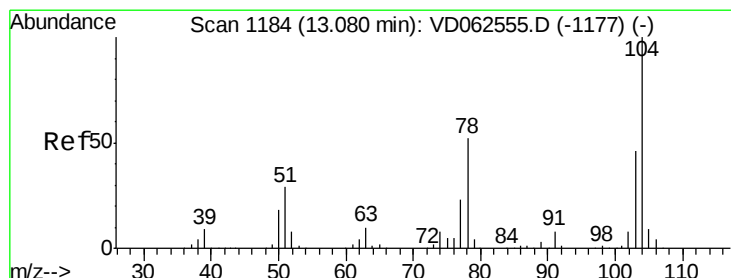
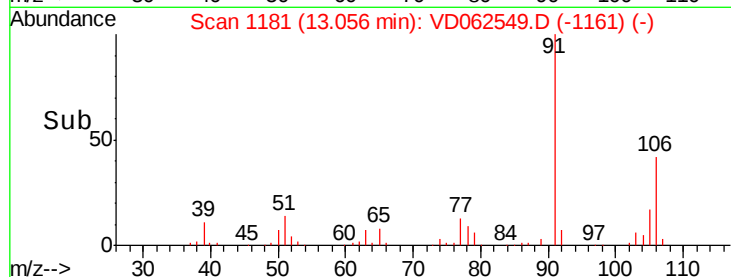
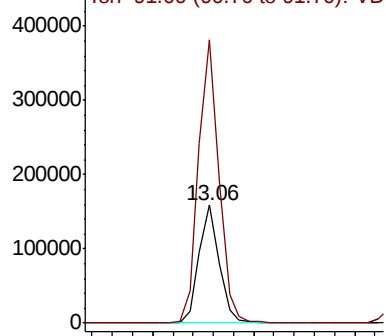


#69
o-Xylene
Concen: 20.082 ug/l
RT: 13.06 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VD062549.D
Acq: 30 May 2019 12:33

Tot Ion:106 Resp: 221981
Ion Ratio Lower Upper
106 100
91 240.1 113.9 341.8

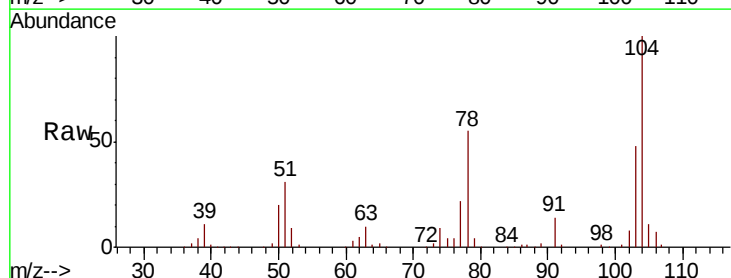


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VDC

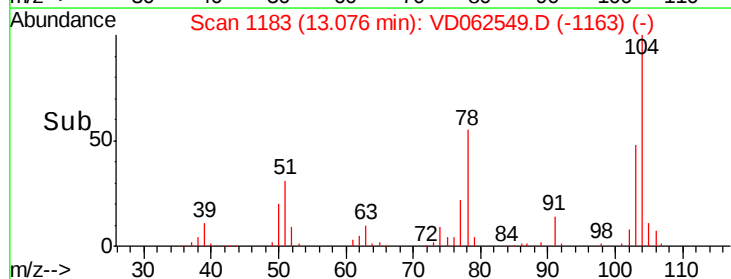
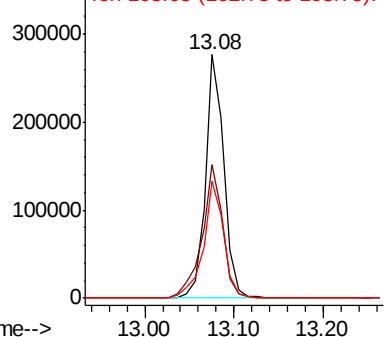


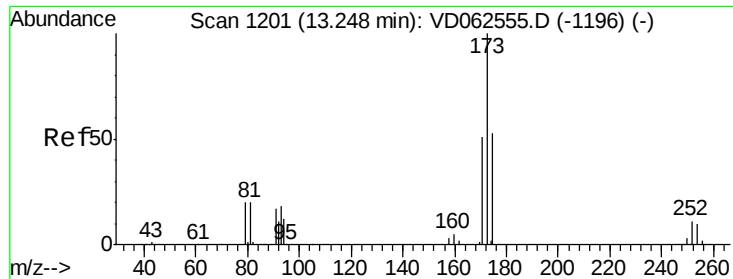
#70
Styrene
Concen: 21.347 ug/l
RT: 13.08 min Scan# 1183
Delta R.T. -0.00 min
Lab File: VD062549.D
Acq: 30 May 2019 12:33

Tgt Ion:104 Resp: 398891
Ion Ratio Lower Upper
104 100
78 55.0 41.5 62.3
103 47.8 36.6 55.0



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





#71

Bromoform

Concen: 20.935 ug/l

RT: 13.24 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VD062549.D

Acq: 30 May 2019 12:33

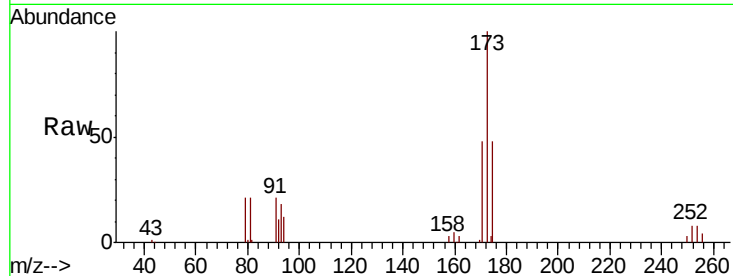
Tot Ion:173 Resp: 126975

Ion Ratio Lower Upper

173 100

175 48.4 26.6 79.7

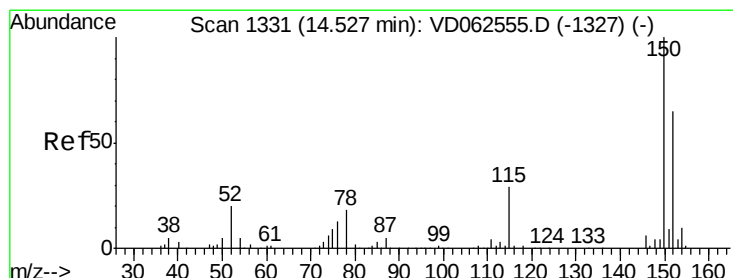
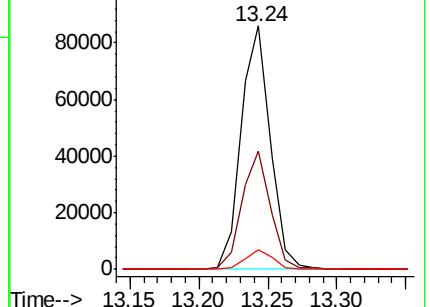
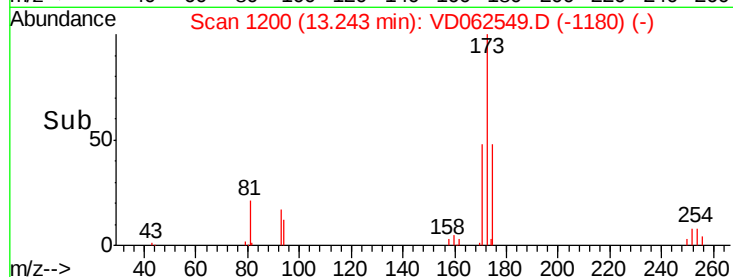
254 8.1 8.1 12.1#



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: 14.52 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VD062549.D

Acq: 30 May 2019 12:33

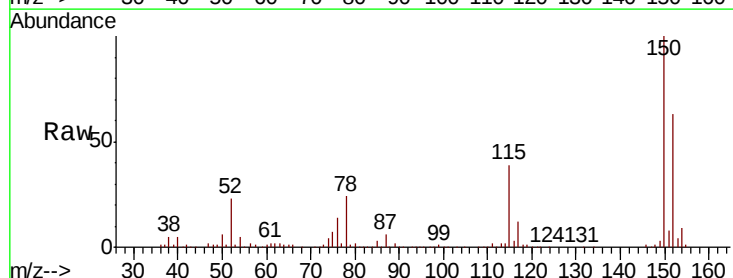
Tgt Ion:152 Resp: 557671

Ion Ratio Lower Upper

152 100

115 61.8 28.4 85.3

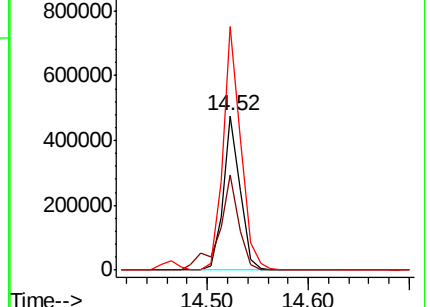
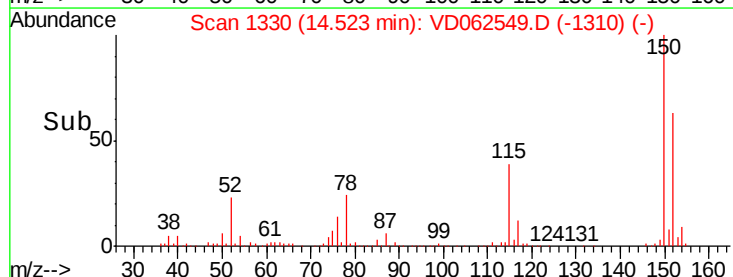
150 158.0 0.0 310.4

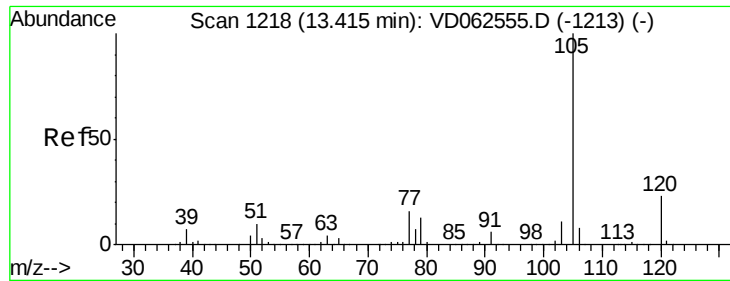


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

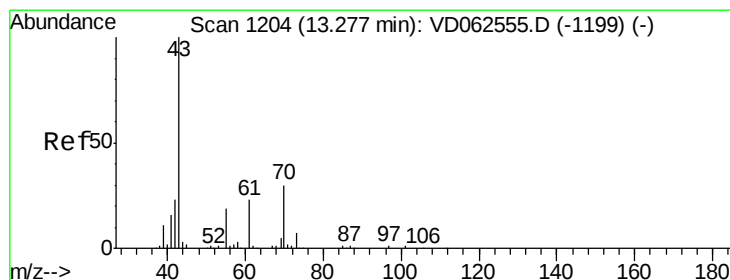
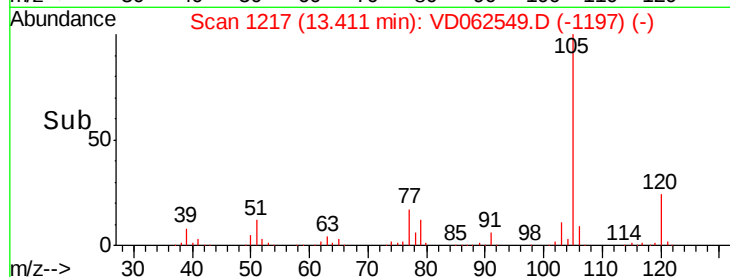
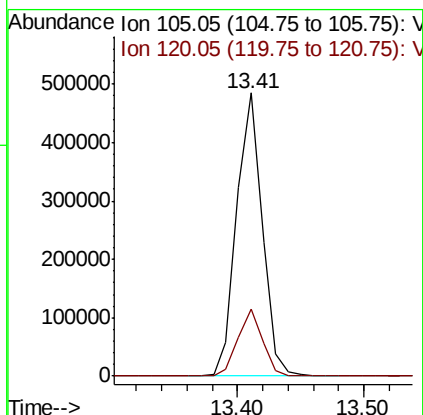
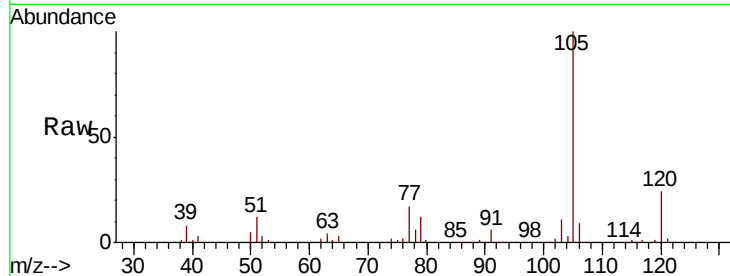
Ion 149.90 (149.60 to 150.60): V





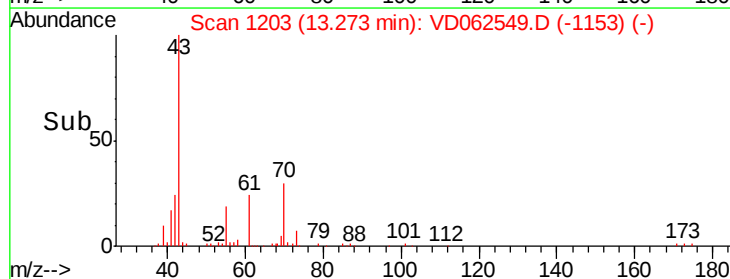
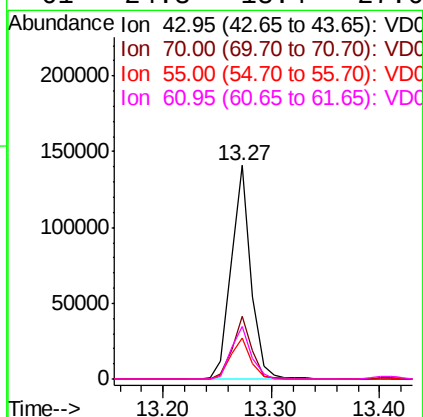
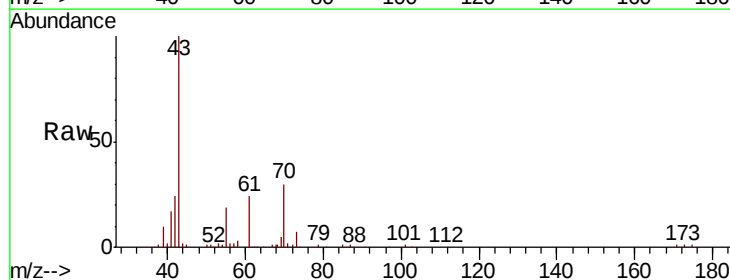
#73
Isopropylbenzene
Concen: 18.314 ug/l
RT: 13.41 min Scan# 1217
Delta R.T. -0.00 min
Lab File: VD062549.D
Acq: 30 May 2019 12:33

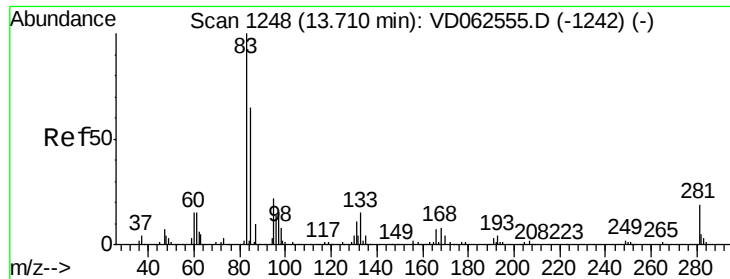
Tot Ion:105 Resp: 679066
Ion Ratio Lower Upper
105 100
120 23.8 11.6 34.8



#74
N-ethyl acetate
Concen: 18.672 ug/l
RT: 13.27 min Scan# 1203
Delta R.T. -0.00 min
Lab File: VD062549.D
Acq: 30 May 2019 12:33

Tgt Ion: 43 Resp: 177875
Ion Ratio Lower Upper
43 100
70 29.5 23.7 35.5
55 19.3 15.0 22.4
61 24.3 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.190 ug/l

RT: 13.71 min Scan# 1247

Delta R.T. -0.00 min

Lab File: VD062549.D

Acq: 30 May 2019 12:33

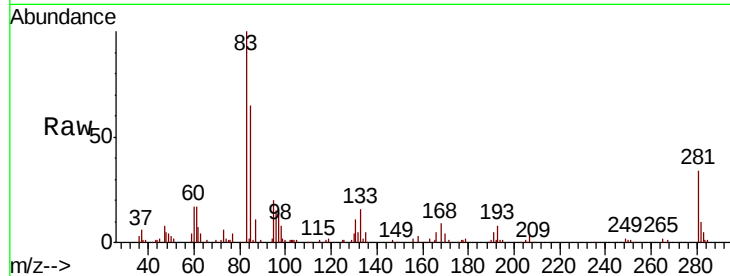
Tot Ion: 83 Resp: 116606

Ion	Ratio	Lower	Upper
83	100		
131	11.4	5.7	17.1
85	64.5	32.6	97.8

83 100

131 11.4 5.7 17.1

85 64.5 32.6 97.8



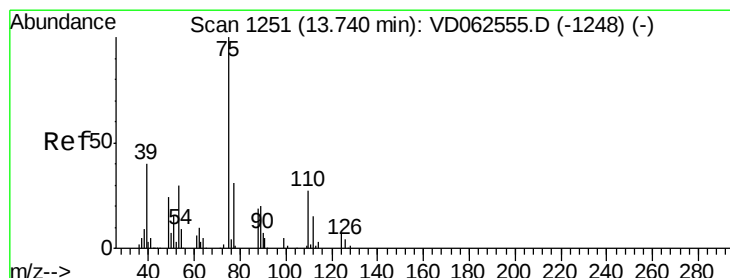
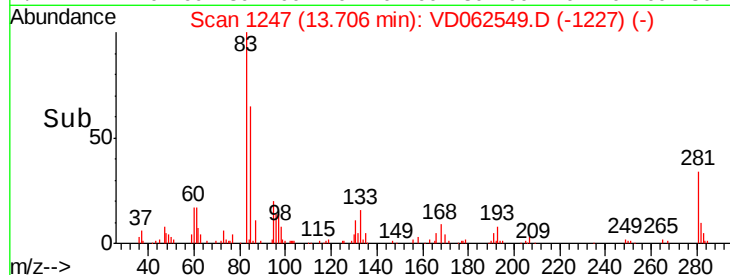
Abundance Ion 82.95 (82.65 to 83.65): VDC

Ion 130.90 (130.60 to 131.60): VDC

Ion 84.95 (84.65 to 85.65): VDC

13.71

Time-->



#76

1,2,3-Trichloropropane

Concen: 19.601 ug/l

RT: 13.74 min Scan# 1250

Delta R.T. -0.00 min

Lab File: VD062549.D

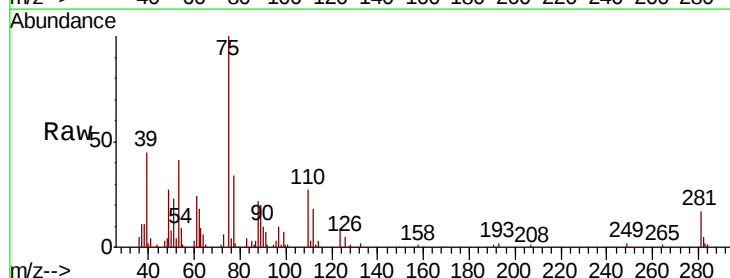
Acq: 30 May 2019 12:33

Tgt Ion: 75 Resp: 138021

Ion	Ratio	Lower	Upper
75	100		
77	33.9	16.5	49.5

75 100

77 33.9 16.5 49.5

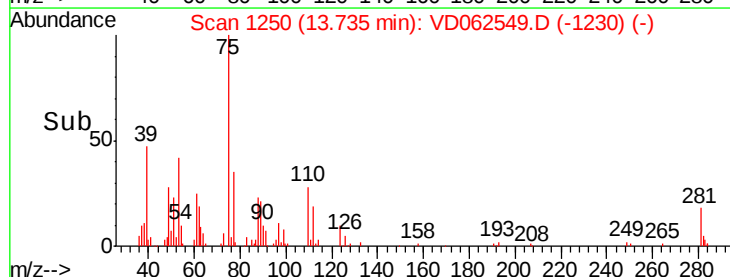


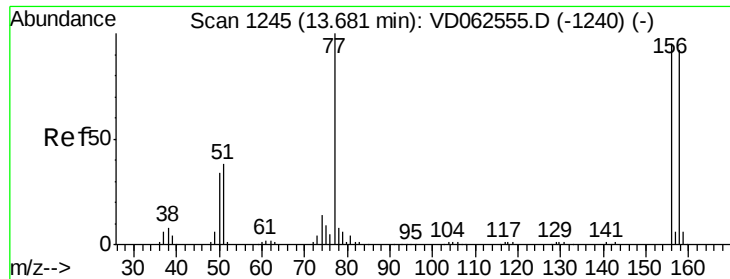
Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 76.95 (76.65 to 77.65): VDC

13.74

Time-->





#77

Bromobenzene

Concen: 19.325 ug/l

RT: 13.68 min Scan# 1244

Delta R.T. -0.00 min

Lab File: VD062549.D

Acq: 30 May 2019 12:33

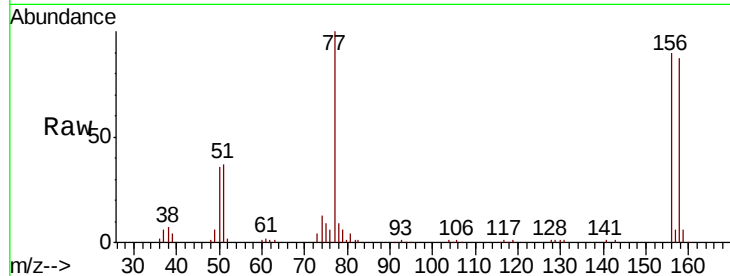
Tot Ion:156 Resp: 200578

Ion Ratio Lower Upper

156 100

77 111.4 52.9 158.7

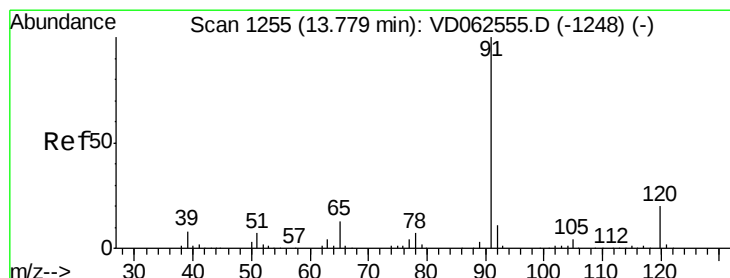
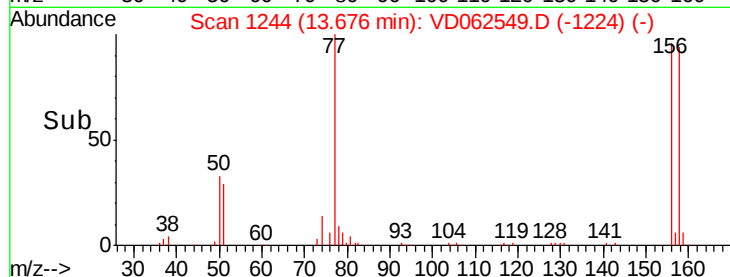
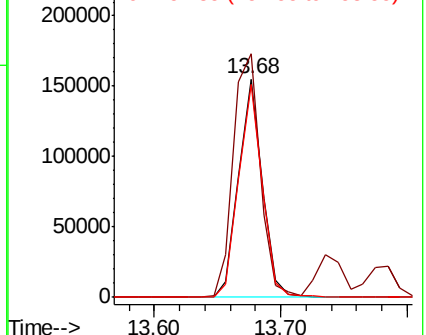
158 97.4 48.5 145.5



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: 18.336 ug/l

RT: 13.77 min Scan# 1254

Delta R.T. -0.00 min

Lab File: VD062549.D

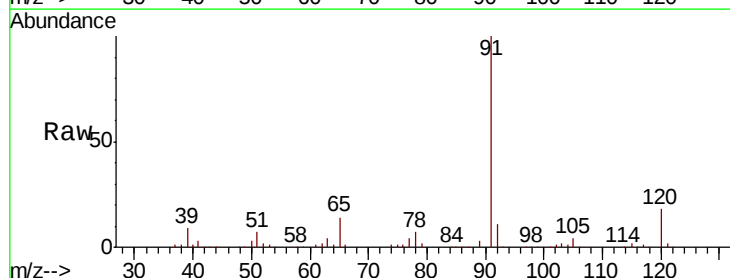
Acq: 30 May 2019 12:33

Tgt Ion: 91 Resp: 792294

Ion Ratio Lower Upper

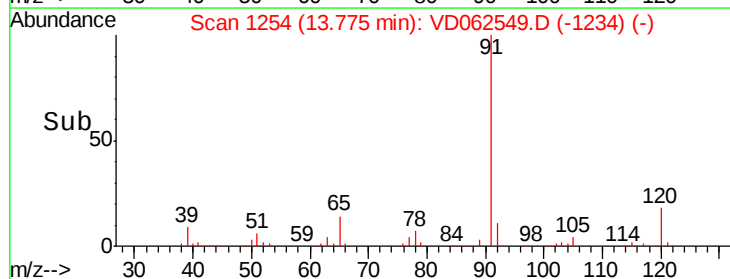
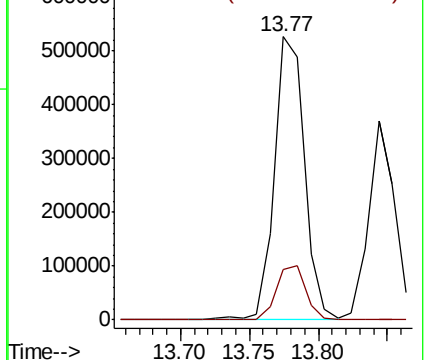
91 100

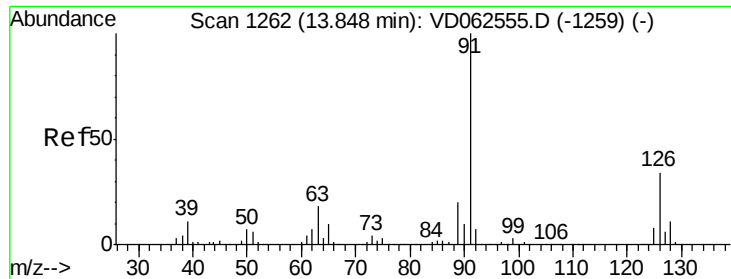
120 17.8 10.0 29.8



Abundance Ion 91.00 (90.70 to 91.70): V

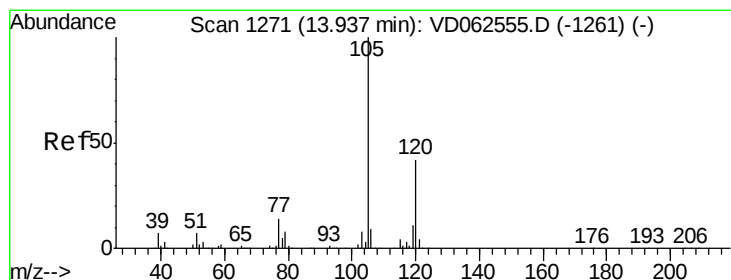
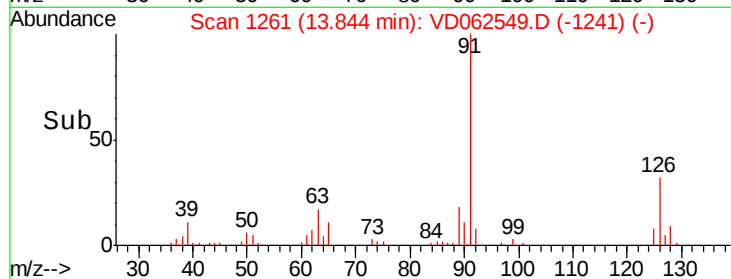
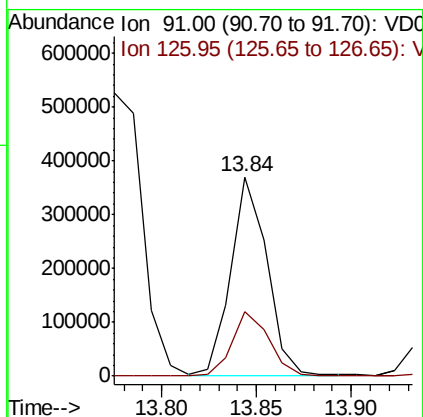
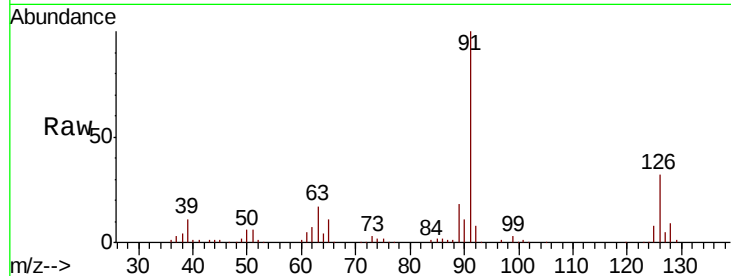
Ion 120.05 (119.75 to 120.75): V





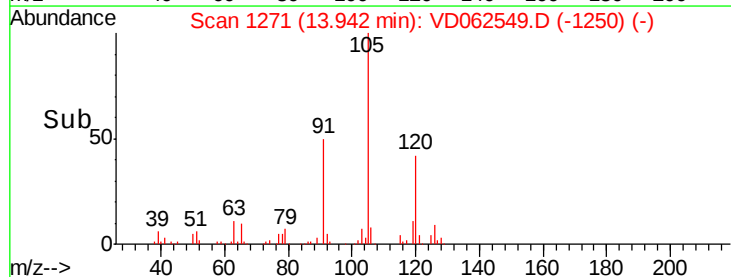
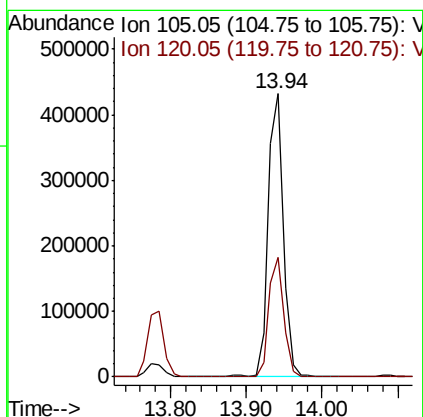
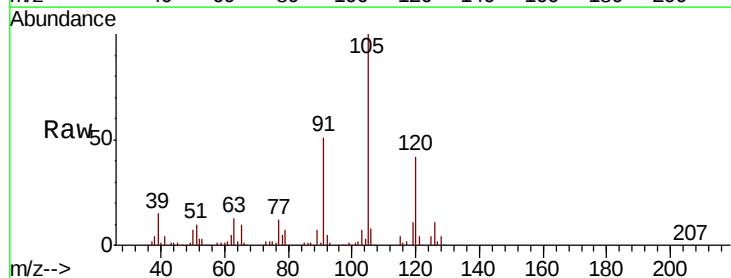
#79
 2-Chlorotoluene
 Concen: 19.384 ug/l
 RT: 13.84 min Scan# 1261
 Delta R.T. -0.00 min
 Lab File: VD062549.D
 Acq: 30 May 2019 12:33

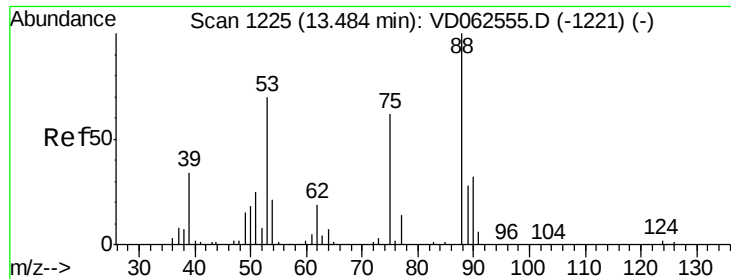
Tot Ion: 91 Resp: 490336
 Ion Ratio Lower Upper
 91 100
 126 32.3 16.7 50.1



#80
 1,3,5-Trimethylbenzene
 Concen: 18.860 ug/l
 RT: 13.94 min Scan# 1271
 Delta R.T. 0.01 min
 Lab File: VD062549.D
 Acq: 30 May 2019 12:33

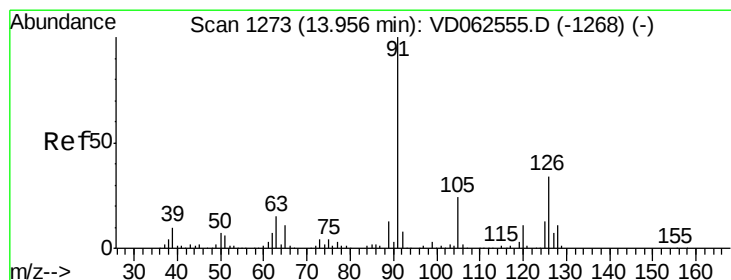
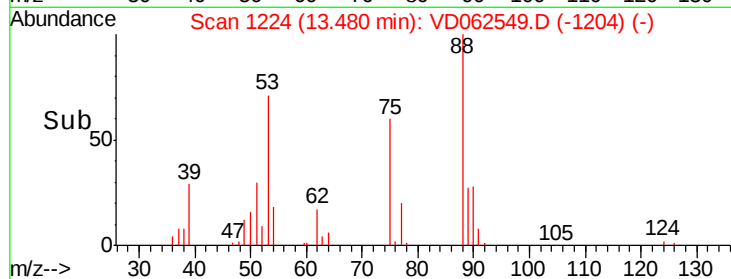
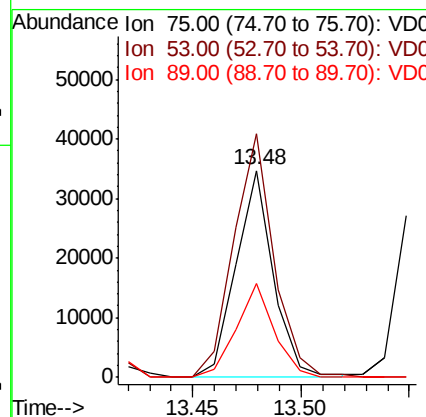
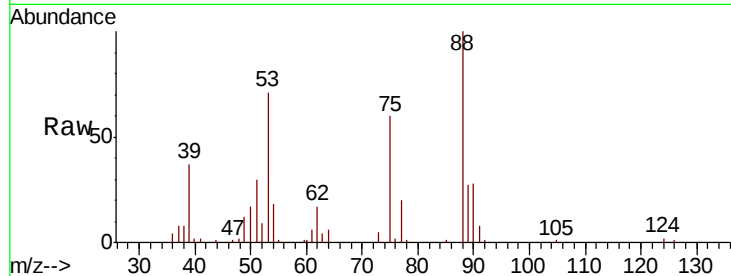
Tgt Ion: 105 Resp: 606585
 Ion Ratio Lower Upper
 105 100
 120 42.4 20.8 62.5





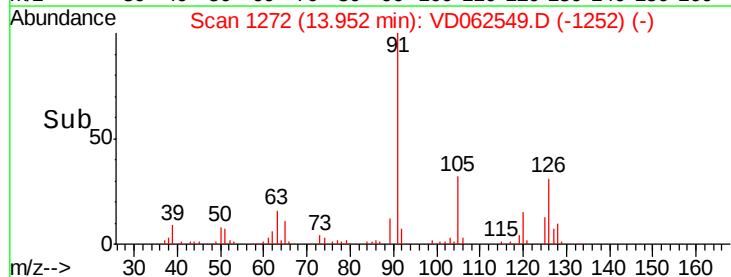
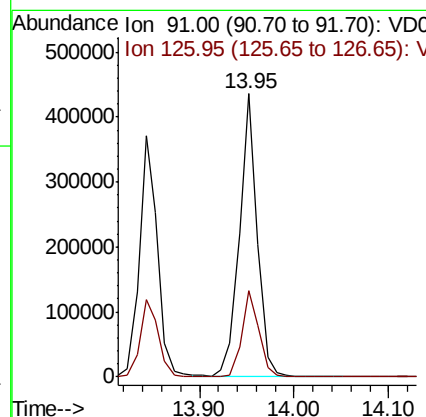
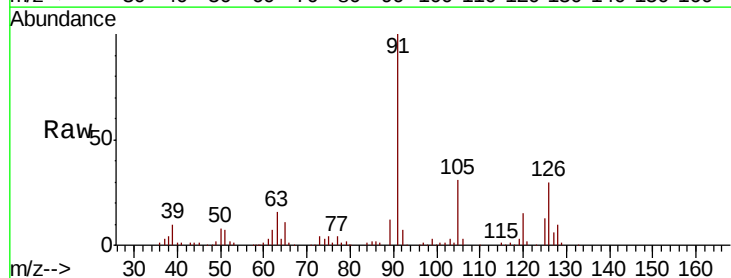
#81
trans-1,4-Dichloro-2-butene
Concen: 21.972 ug/l
RT: 13.48 min Scan# 1224
Delta R.T. -0.00 min
Lab File: VD062549.D
Acq: 30 May 2019 12:33

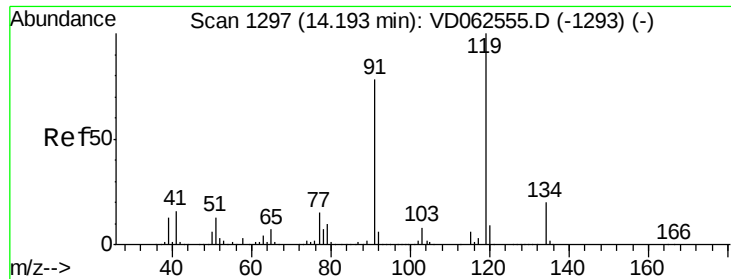
Tot Ion: 75 Resp: 41855
Ion Ratio Lower Upper
75 100
53 117.7 91.0 136.4
89 45.4 36.9 55.3



#82
4-Chlorotoluene
Concen: 18.736 ug/l
RT: 13.95 min Scan# 1272
Delta R.T. -0.00 min
Lab File: VD062549.D
Acq: 30 May 2019 12:33

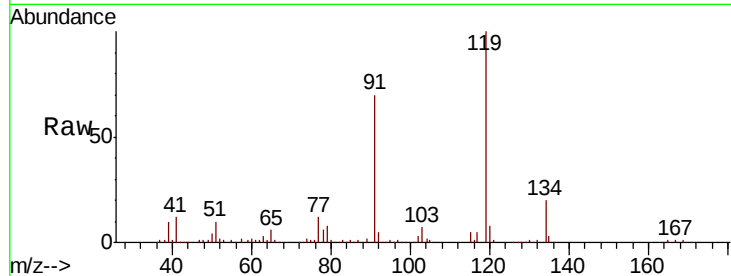
Tgt Ion: 91 Resp: 569963
Ion Ratio Lower Upper
91 100
126 30.3 16.9 50.7



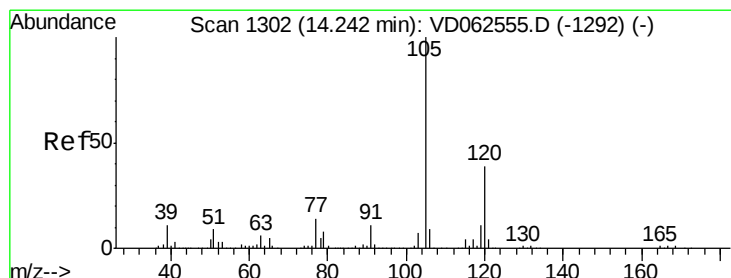
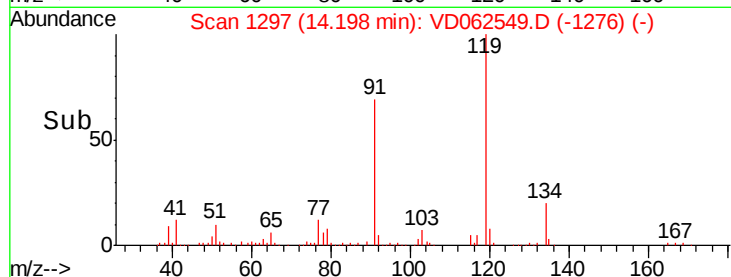
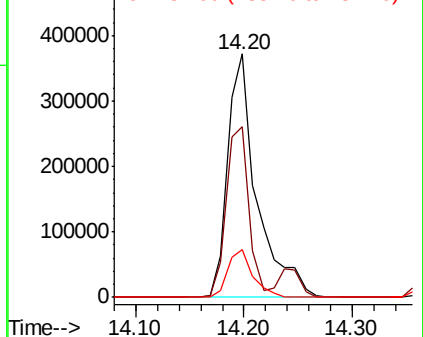


#83
 tert-Butylbenzene
 Concen: 19.742 ug/l
 RT: 14.20 min Scan# 1297
 Delta R.T. 0.01 min
 Lab File: VD062549.D
 Acq: 30 May 2019 12:33

Tot Ion:119 Resp: 698499
 Ion Ratio Lower Upper
 119 100
 91 70.3 39.1 117.5
 134 19.8 10.1 30.3

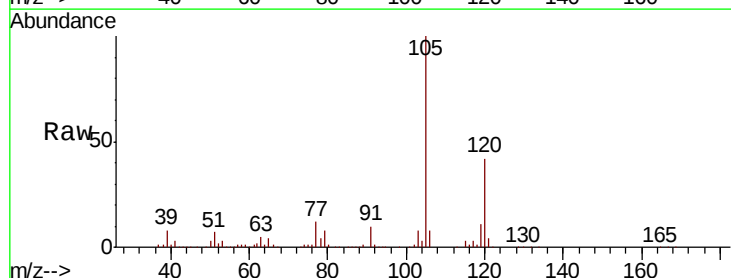


Abundance Ion 119.05 (118.75 to 119.75): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

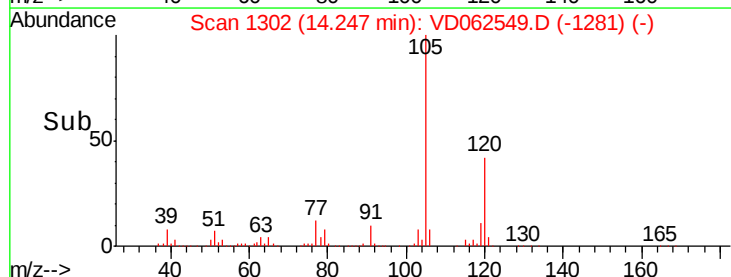
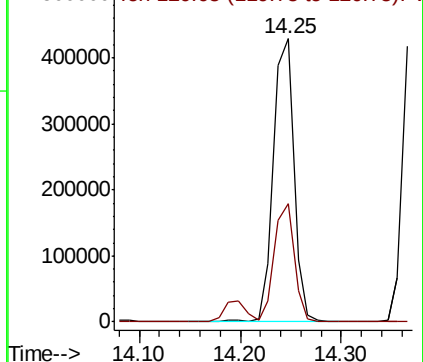


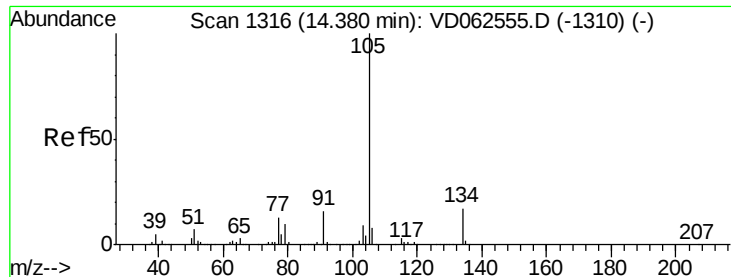
#84
 1,2,4-Trimethylbenzene
 Concen: 18.883 ug/l
 RT: 14.25 min Scan# 1302
 Delta R.T. 0.01 min
 Lab File: VD062549.D
 Acq: 30 May 2019 12:33

Tgt Ion:105 Resp: 607181
 Ion Ratio Lower Upper
 105 100
 120 41.9 19.6 58.8



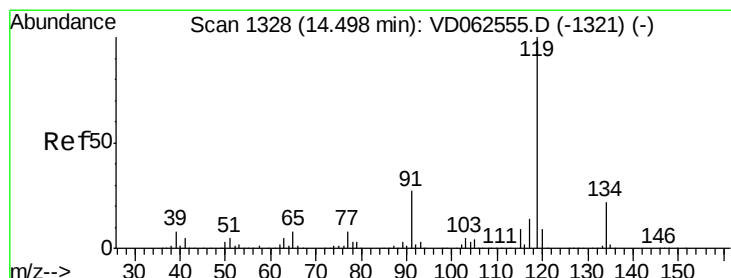
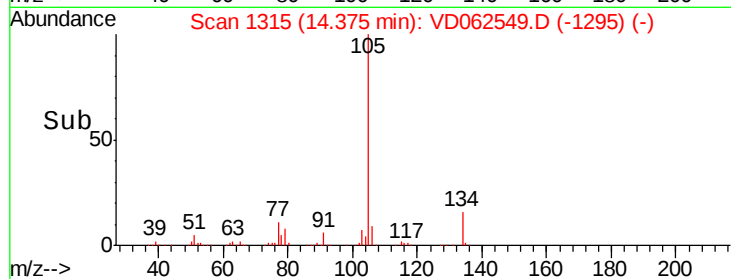
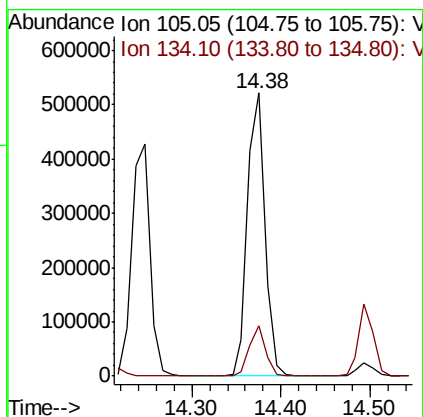
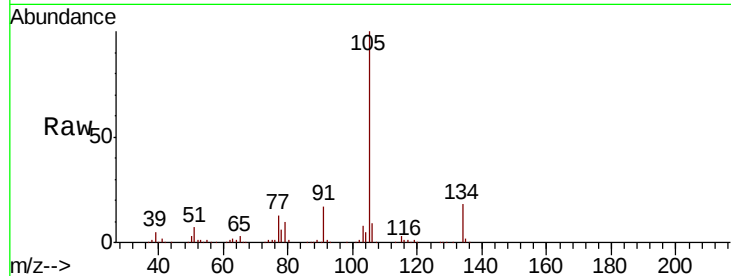
Abundance Ion 105.05 (104.75 to 105.75): V
 Ion 120.05 (119.75 to 120.75): V





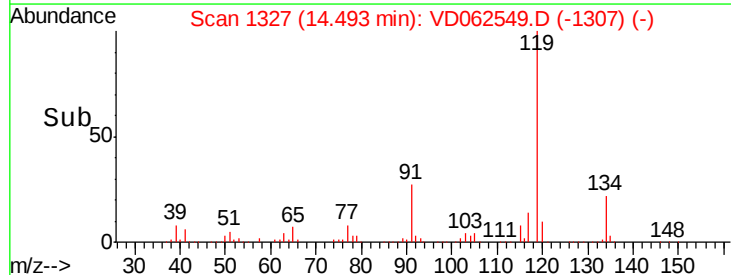
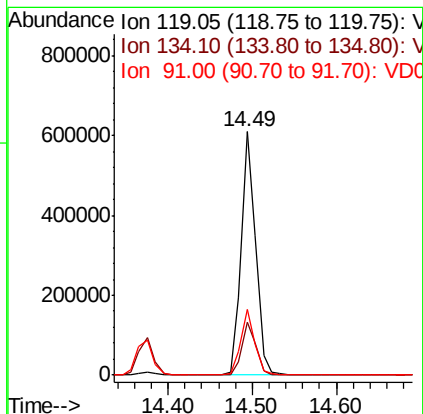
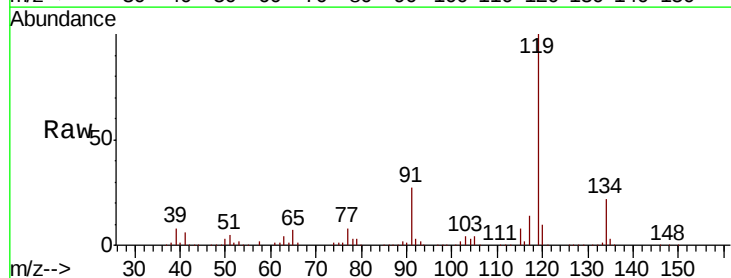
#85
 sec-Butylbenzene
 Concen: 18.896 ug/l
 RT: 14.38 min Scan# 1315
 Delta R.T. -0.00 min
 Lab File: VD062549.D
 Acq: 30 May 2019 12:33

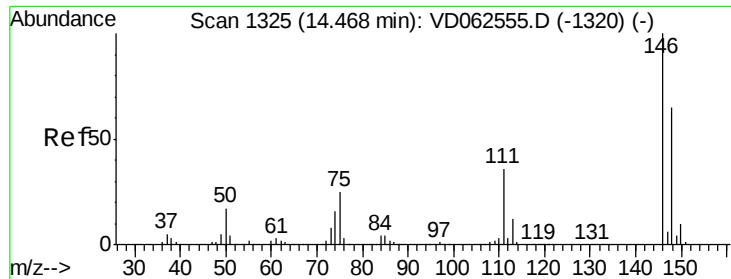
Tot Ion:105 Resp: 713026
 Ion Ratio Lower Upper
 105 100
 134 17.9 8.7 26.1



#86
 p-Isopropyltoluene
 Concen: 20.547 ug/l
 RT: 14.49 min Scan# 1327
 Delta R.T. -0.00 min
 Lab File: VD062549.D
 Acq: 30 May 2019 12:33

Tgt Ion:119 Resp: 729208
 Ion Ratio Lower Upper
 119 100
 134 21.7 11.2 33.6
 91 27.1 13.6 40.7





#87

1,3-Dichlorobenzene

Concen: 20.102 ug/l

RT: 14.46 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VD062549.D

Acq: 30 May 2019 12:33

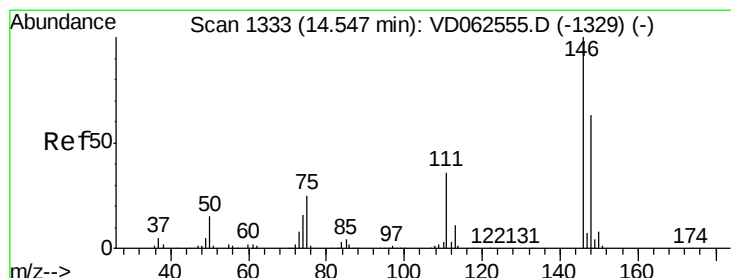
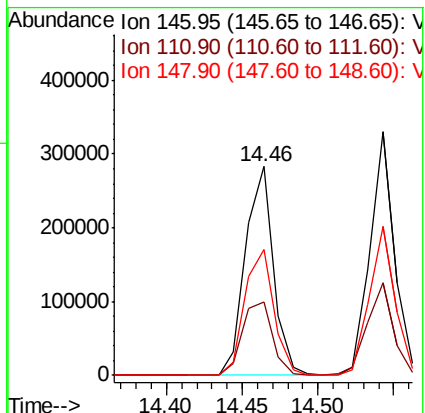
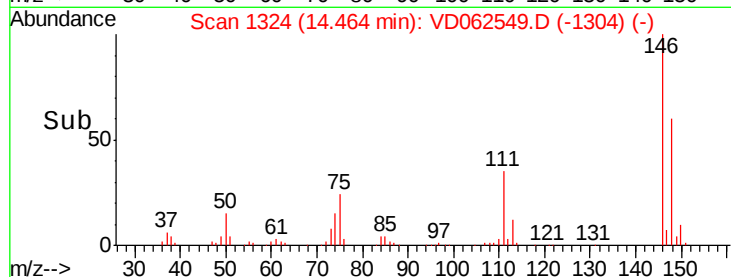
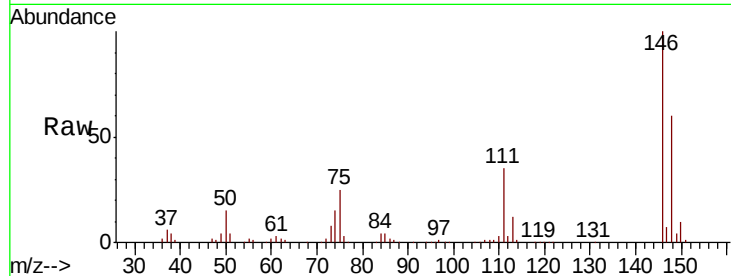
Tot Ion:146 Resp: 364217

Ion Ratio Lower Upper

146 100

111 35.1 18.1 54.4

148 60.1 32.3 96.9



#88

1,4-Dichlorobenzene

Concen: 20.988 ug/l

RT: 14.54 min Scan# 1332

Delta R.T. -0.00 min

Lab File: VD062549.D

Acq: 30 May 2019 12:33

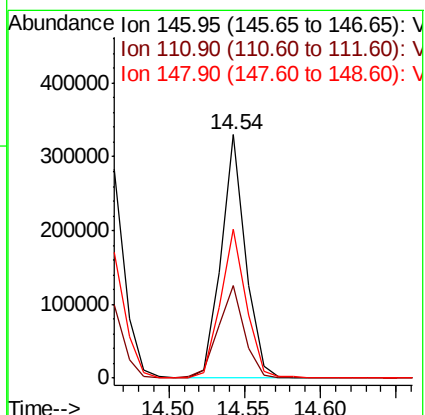
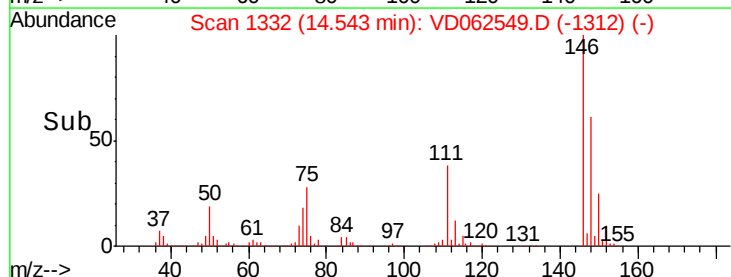
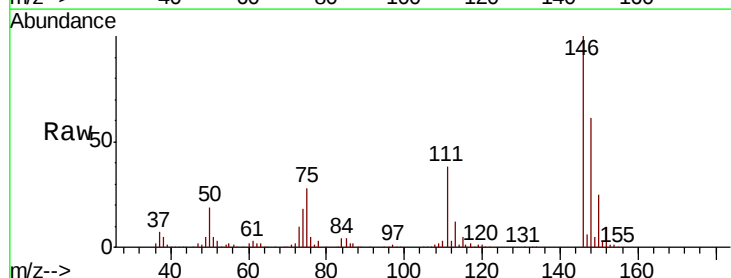
Tgt Ion:146 Resp: 372944

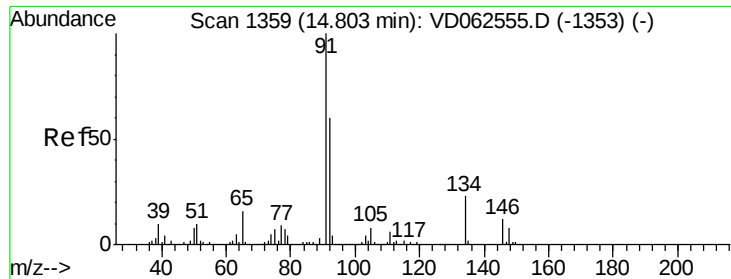
Ion Ratio Lower Upper

146 100

111 38.2 18.2 54.6

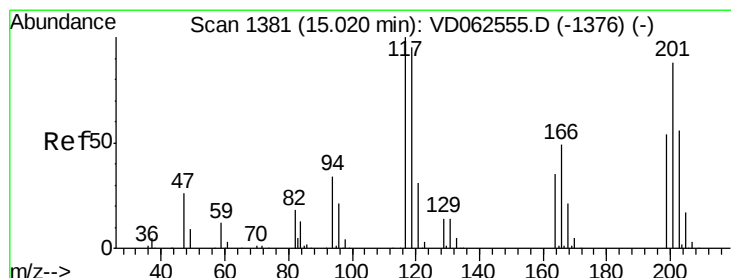
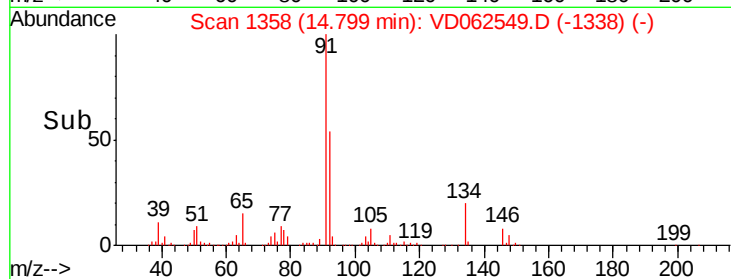
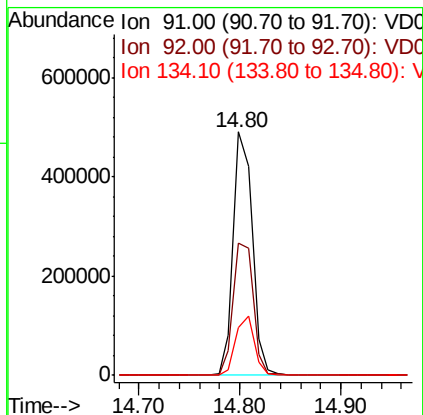
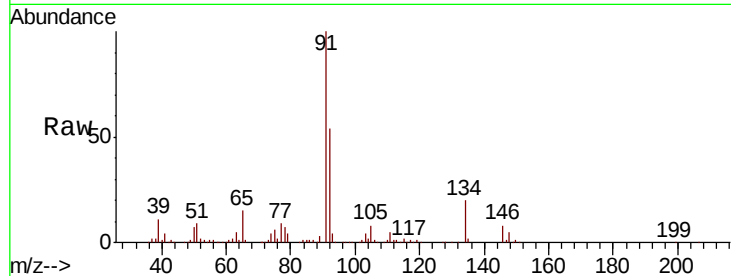
148 61.0 31.6 94.8





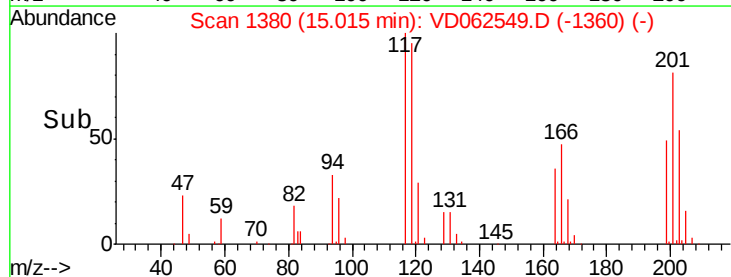
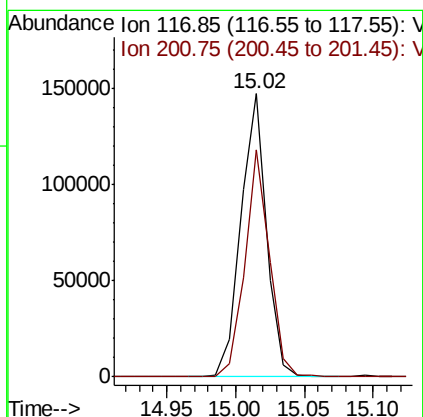
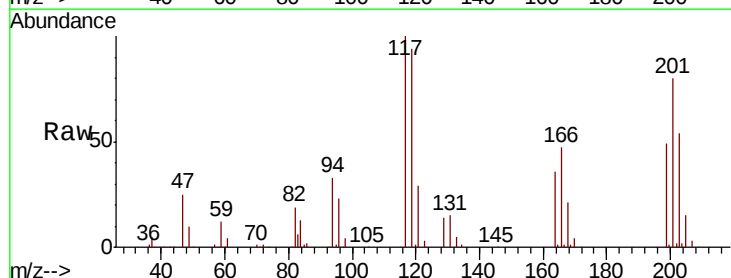
#89
n-Butylbenzene
Concen: 19.997 ug/l
RT: 14.80 min Scan# 1358
Delta R.T. -0.00 min
Lab File: VD062549.D
Acq: 30 May 2019 12:33

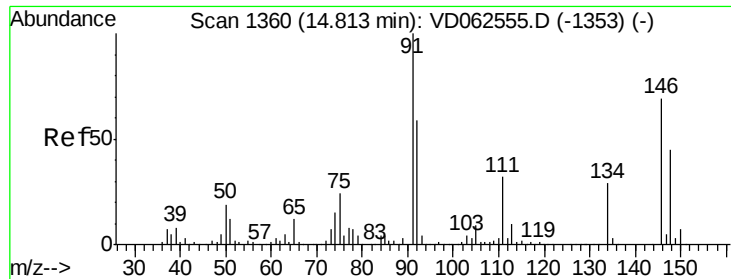
Tot Ion: 91 Resp: 645756
Ion Ratio Lower Upper
91 100
92 54.3 29.8 89.4
134 19.7 11.3 33.8



#90
Hexachloroethane
Concen: 20.090 ug/l
RT: 15.02 min Scan# 1380
Delta R.T. -0.00 min
Lab File: VD062549.D
Acq: 30 May 2019 12:33

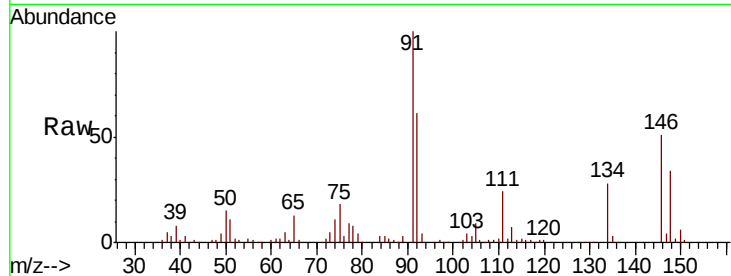
Tgt Ion: 117 Resp: 190546
Ion Ratio Lower Upper
117 100
201 80.0 43.8 131.4



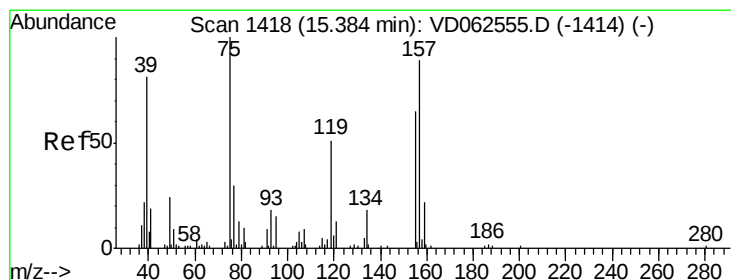
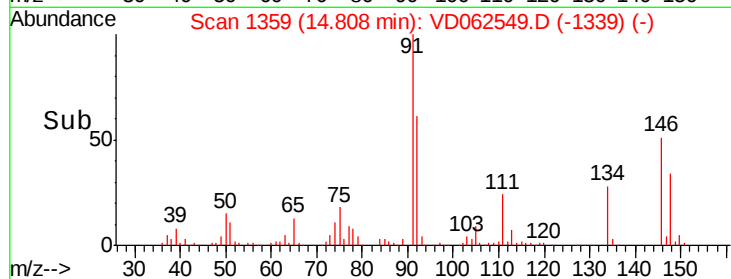
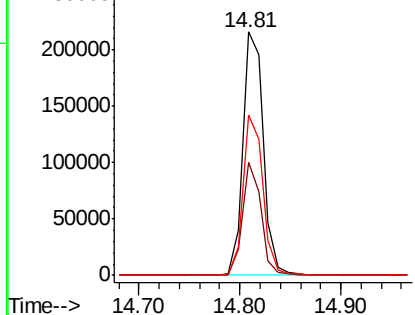


#91
 1,2-Dichlorobenzene
 Concen: 19.659 ug/l
 RT: 14.81 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VD062549.D
 Acq: 30 May 2019 12:33

Tot Ion	Ratio	Lower	Upper
146	100		
111	46.6	22.8	68.4
148	66.0	32.3	96.9

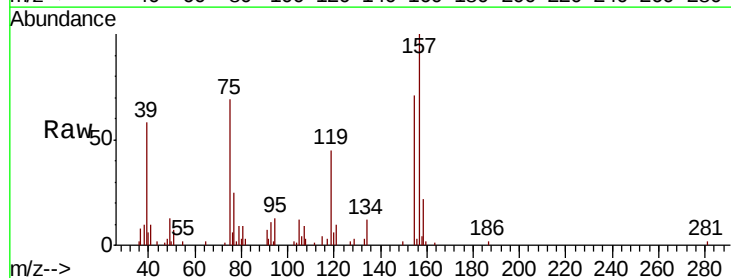


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

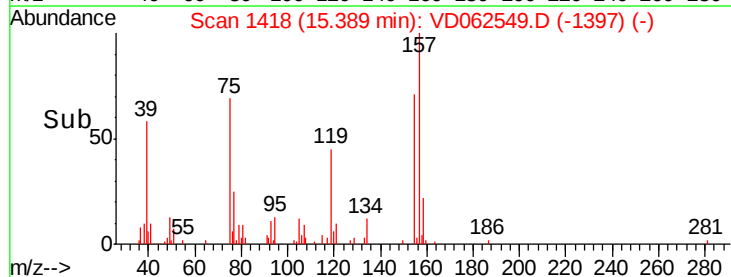
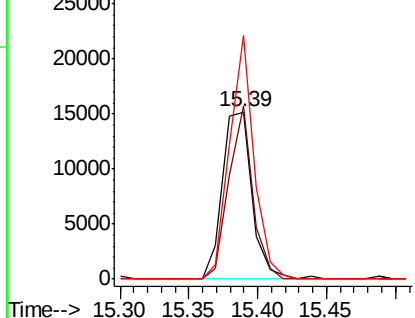


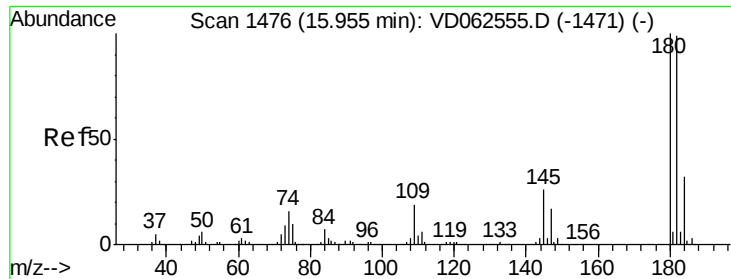
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.394 ug/l
 RT: 15.39 min Scan# 1418
 Delta R.T. 0.01 min
 Lab File: VD062549.D
 Acq: 30 May 2019 12:33

Tgt Ion	Ratio	Lower	Upper
75	100		
155	103.5	32.6	97.8#
157	145.8	44.5	133.7#



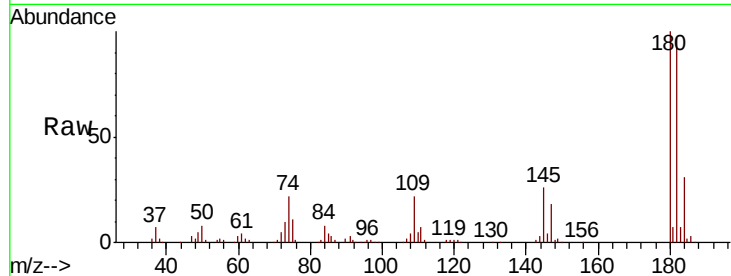
Abundance Ion 75.00 (74.70 to 75.70): V
 Ion 154.90 (154.60 to 155.60): V
 Ion 156.85 (156.55 to 157.55): V



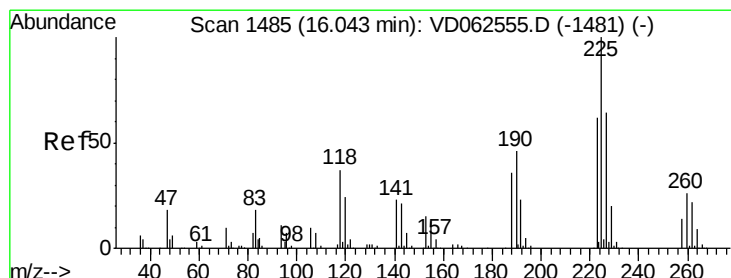
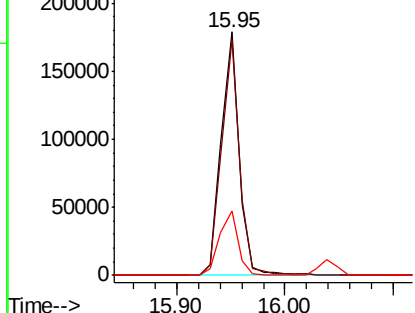
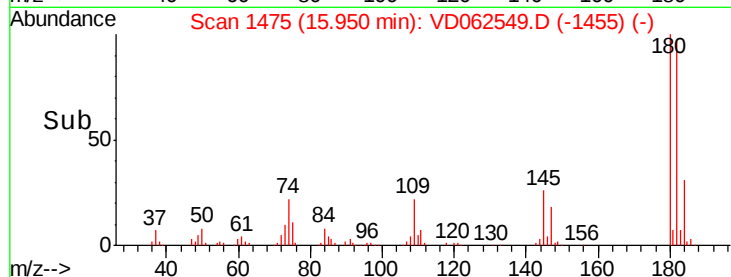


#93
 1,2,4-Trichlorobenzene
 Concen: 17.218 ug/l
 RT: 15.95 min Scan# 1475
 Delta R.T. -0.00 min
 Lab File: VD062549.D
 Acq: 30 May 2019 12:33

Tot Ion	Ratio	Lower	Upper
180	100		
182	97.0	49.5	148.3
145	26.3	13.1	39.3

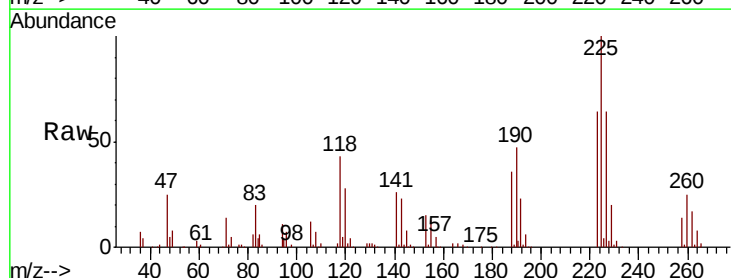


Abundance Ion 179.85 (179.55 to 180.55): V
 Ion 181.85 (181.55 to 182.55): V
 Ion 144.95 (144.65 to 145.65): V

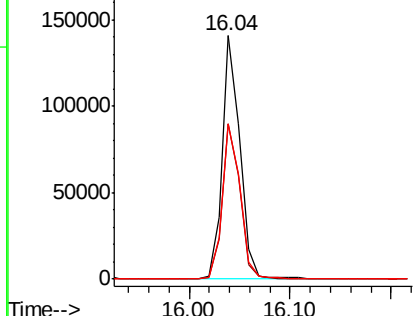
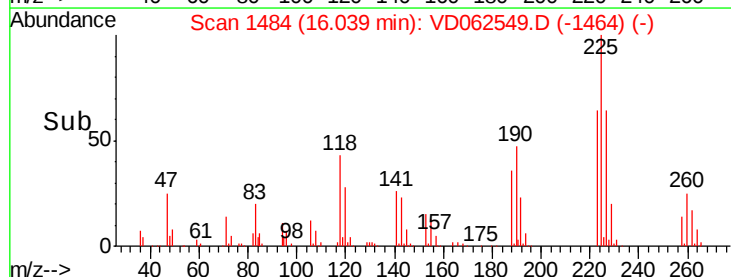


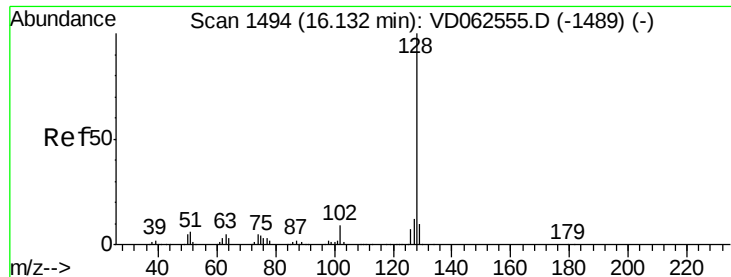
#94
 Hexachlorobutadiene
 Concen: 19.723 ug/l
 RT: 16.04 min Scan# 1484
 Delta R.T. -0.00 min
 Lab File: VD062549.D
 Acq: 30 May 2019 12:33

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.6	31.1	93.5
227	63.8	32.1	96.5



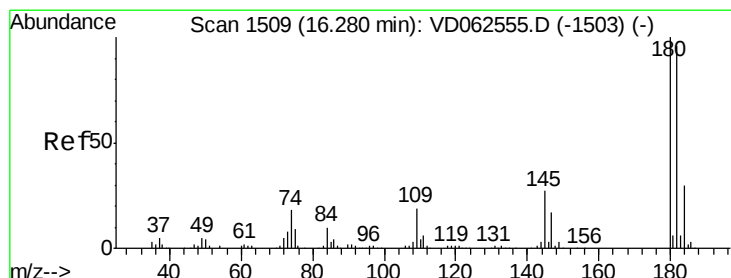
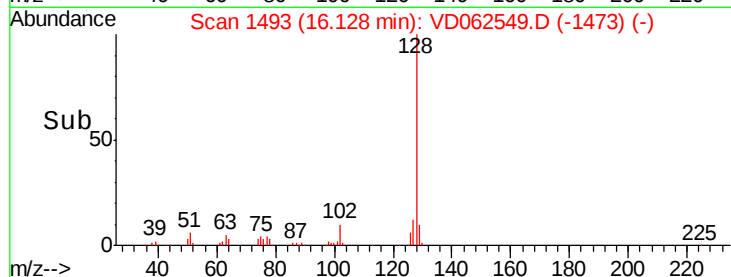
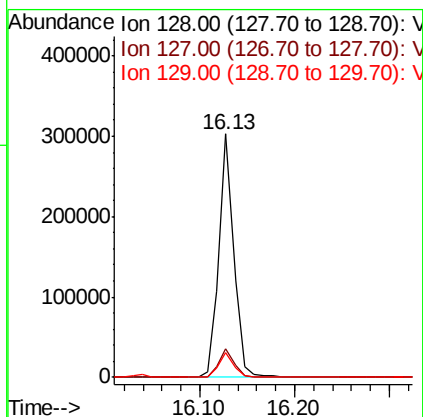
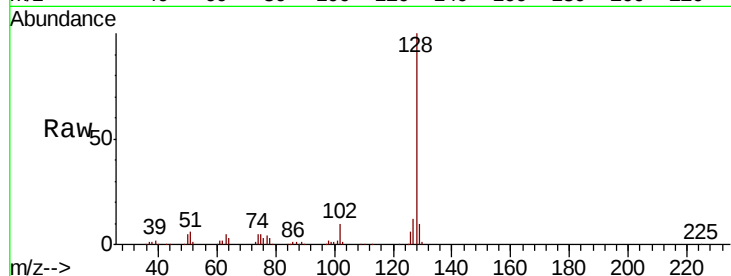
Abundance Ion 224.75 (224.45 to 225.45): V
 Ion 222.75 (222.45 to 223.45): V
 Ion 226.75 (226.45 to 227.45): V





#95
Naphthalene
Concen: 19.743 ug/l
RT: 16.13 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VD062549.D
Acq: 30 May 2019 12:33

Tot Ion	Ratio	Lower	Upper
128	100		
127	11.7	9.7	14.5
129	10.2	8.2	12.2



#96
1,2,3-Trichlorobenzene
Concen: 19.074 ug/l
RT: 16.28 min Scan# 1508
Delta R.T. -0.00 min
Lab File: VD062549.D
Acq: 30 May 2019 12:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	48.1	144.3
145	29.9	13.3	39.9

