

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111220\
 Data File : VD067628.D
 Acq On : 12 Nov 2020 17:30
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Quant Time: Nov 13 12:24:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	335621	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	497808	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	455503	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	228494	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	137210	46.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.52%	
35) Dibromofluoromethane	7.92	113	141685	47.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.48%	
50) Toluene-d8	10.34	98	486770	46.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.36%	
62) 4-Bromofluorobenzene	12.64	95	178258	48.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	121001	43.992	ug/l	98
3) Chloromethane	2.21	50	82898	39.664	ug/l	96
4) Vinyl Chloride	2.35	62	94995	40.768	ug/l	92
5) Bromomethane	2.77	94	76129	40.309	ug/l	97
6) Chloroethane	2.93	64	61666	42.926	ug/l	97
7) Trichlorofluoromethane	3.27	101	272561	45.176	ug/l	91
8) Diethyl Ether	3.70	74	62678	51.557	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.10	101	145028	47.621	ug/l	99
10) Methyl Iodide	4.30	142	154761	47.414	ug/l	100
11) Tert butyl alcohol	5.23	59	39982	321.965	ug/l #	93
12) 1,1-Dichloroethene	4.07	96	133642	47.708	ug/l	96
13) Acrolein	3.93	56	34564	263.615	ug/l	99
14) Allyl chloride	4.71	41	145066	48.387	ug/l	98
15) Acrylonitrile	5.42	53	118782	264.318	ug/l	99
16) Acetone	4.16	43	99117	225.701	ug/l	98
17) Carbon Disulfide	4.41	76	371982	43.335	ug/l	100
18) Methyl Acetate	4.72	43	50506	55.655	ug/l	96
19) Methyl tert-butyl Ether	5.48	73	301774	54.615	ug/l	94
20) Methylene Chloride	4.96	84	149733	48.268	ug/l	99
21) trans-1,2-Dichloroethene	5.47	96	154045	47.214	ug/l	96
22) Diisopropyl ether	6.36	45	305498	52.290	ug/l	97
23) Vinyl Acetate	6.31	43	838526	274.190	ug/l	100
24) 1,1-Dichloroethane	6.27	63	233451	48.843	ug/l	97
25) 2-Butanone	7.21	43	125138	266.679	ug/l	98
26) 2,2-Dichloropropane	7.21	77	240833	47.743	ug/l	97
27) cis-1,2-Dichloroethene	7.21	96	167130	49.351	ug/l	97
28) Bromochloromethane	7.55	49	87181	51.279	ug/l	99
29) Tetrahydrofuran	7.57	42	78961	280.920	ug/l	99
30) Chloroform	7.71	83	283132	49.654	ug/l	97
31) Cyclohexane	7.99	56	191378	44.963	ug/l #	92
32) 1,1,1-Trichloroethane	7.91	97	276482	46.995	ug/l	100
36) 1,1-Dichloropropene	8.12	75	204109	47.900	ug/l	99
37) Ethyl Acetate	7.29	43	55697	50.346	ug/l #	80
38) Carbon Tetrachloride	8.10	117	267592	48.333	ug/l	99

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

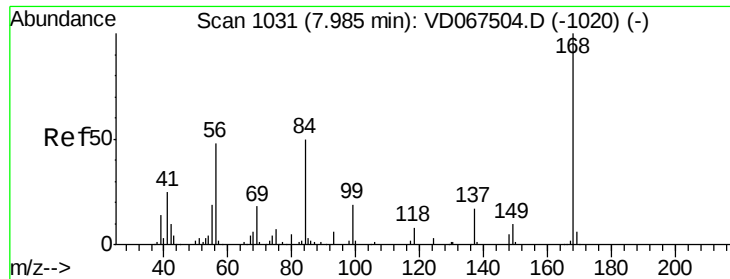
39) Methylcyclohexane	9.36	83	245101	48.871	ug/l	96
40) Benzene	8.36	78	576124	49.913	ug/l	99
41) Methacrylonitrile	7.56	41	83413	126.140	ug/l #	13
42) 1,2-Dichloroethane	8.43	62	179924	50.452	ug/l	100
43) Isopropyl Acetate	8.46	43	120311	54.990	ug/l	98
44) Trichloroethene	9.11	130	185029	48.753	ug/l	91
45) 1,2-Dichloropropane	9.39	63	124583	49.922	ug/l	98
46) Dibromomethane	9.48	93	79836	50.314	ug/l	98
47) Bromodichloromethane	9.67	83	218723	50.715	ug/l	98
48) Methyl methacrylate	9.46	41	59533	52.701	ug/l	96
49) 1,4-Dioxane	9.47	88	18061	1121.231	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	297053	283.893	ug/l	99
52) Toluene	10.41	92	419925	54.316	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	191627	51.879	ug/l	98
54) cis-1,3-Dichloropropene	10.10	75	223168	50.852	ug/l	95
55) 1,1,2-Trichloroethane	10.80	97	111037	52.888	ug/l	95
56) Ethyl methacrylate	10.67	69	117116	54.019	ug/l	97
57) 1,3-Dichloropropane	10.95	76	174010	51.506	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	288832	285.683	ug/l	98
59) 2-Hexanone	10.99	43	201950	276.034	ug/l	99
60) Dibromochloromethane	11.14	129	160508	51.682	ug/l	97
61) 1,2-Dibromoethane	11.25	107	109235	51.841	ug/l	97
64) Tetrachloroethene	10.88	164	162833	48.269	ug/l	94
65) Chlorobenzene	11.67	112	435148	49.594	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.75	131	176531	51.047	ug/l	99
67) Ethyl Benzene	11.75	91	764255	50.901	ug/l	97
68) m/p-Xylenes	11.86	106	587993	100.662	ug/l	99
69) o-Xylene	12.18	106	268051	51.398	ug/l	99
70) Styrene	12.20	104	462881	50.935	ug/l	100
71) Bromoform	12.37	173	94783	53.740	ug/l #	100
73) Isopropylbenzene	12.48	105	751221	50.871	ug/l	99
74) N-amyl acetate	12.29	43	106105	54.605	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.74	83	107256	53.264	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	148607	107.811	ug/l #	100
77) Bromobenzene	12.77	156	184262	50.808	ug/l	99
78) n-propylbenzene	12.83	91	849178	50.274	ug/l	99
79) 2-Chlorotoluene	12.91	91	490212	51.091	ug/l	98
80) 1,3,5-Trimethylbenzene	12.97	105	647885	51.359	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	34478	50.783	ug/l	96
82) 4-Chlorotoluene	13.01	91	523728	50.894	ug/l	99
83) tert-Butylbenzene	13.23	119	565908	52.932	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	648900	51.677	ug/l	99
85) sec-Butylbenzene	13.41	105	744922	51.614	ug/l	99
86) p-Isopropyltoluene	13.52	119	709641	50.917	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	345895	49.984	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	336891	48.078	ug/l	98
89) n-Butylbenzene	13.85	91	610954	50.751	ug/l	100
90) Hexachloroethane	14.11	117	132330	50.419	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	300712	50.210	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	18621	52.229	ug/l	94

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	209490	51.536	ug/l	100
94) Hexachlorobutadiene	15.27	225	132070	48.546	ug/l	98
95) Naphthalene	15.40	128	352807	56.241	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	182431	52.408	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD067628.D

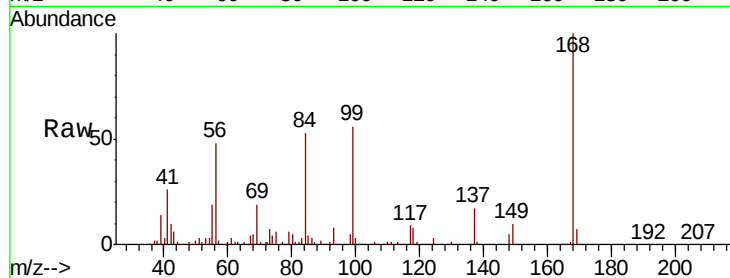
Acq: 12 Nov 2020 17:30

Tot Ion:168 Resp: 335621

Ion Ratio Lower Upper

168 100

99 55.4 45.0 67.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

150000

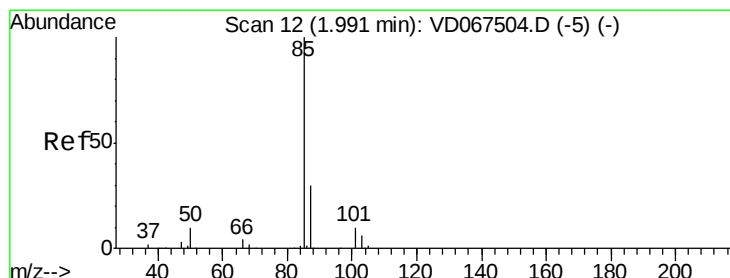
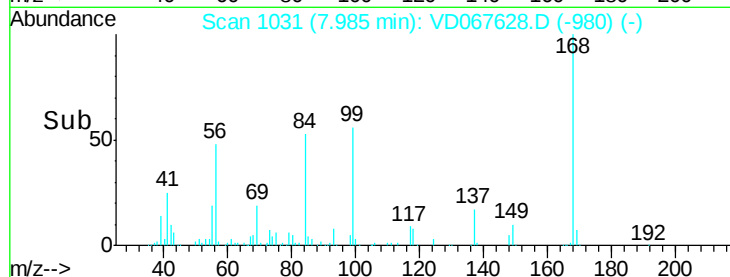
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 43.992 ug/l

RT: 1.99 min Scan# 12

Delta R.T. -0.00 min

Lab File: VD067628.D

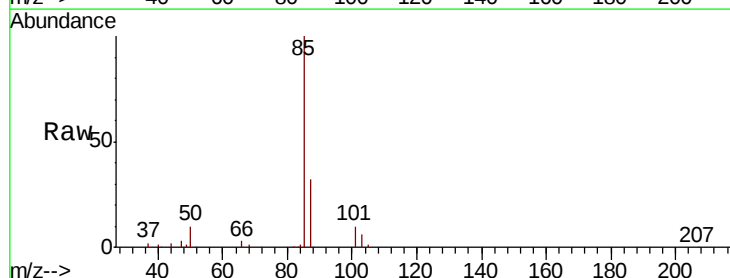
Acq: 12 Nov 2020 17:30

Tgt Ion: 85 Resp: 121001

Ion Ratio Lower Upper

85 100

87 31.7 15.3 45.8



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

100000

80000

60000

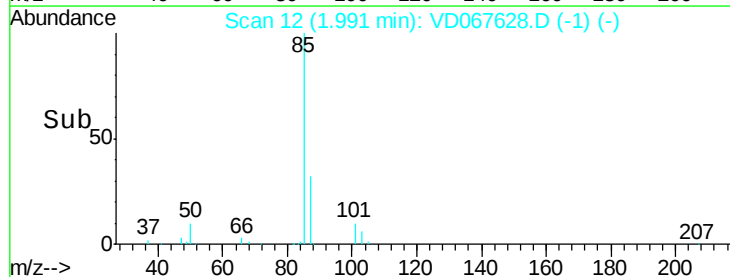
40000

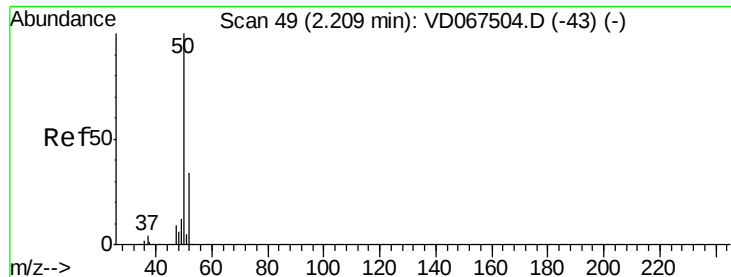
20000

0

1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 39.664 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD067628.D

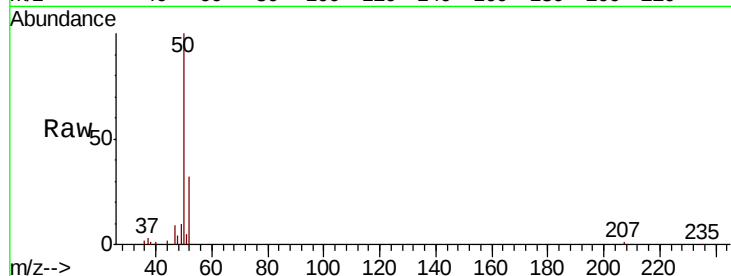
Acq: 12 Nov 2020 17:30

Tot Ion: 50 Resp: 82898

Ion Ratio Lower Upper

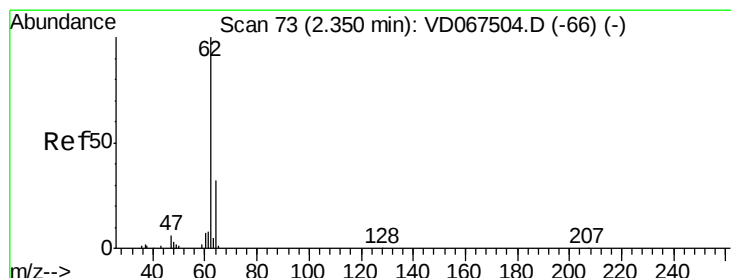
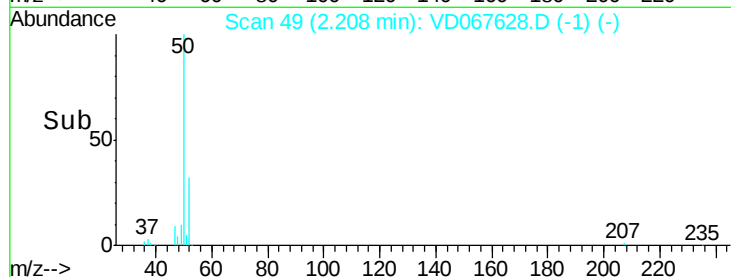
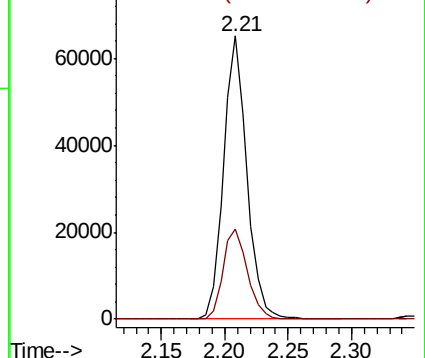
50 100

52 31.9 27.3 40.9



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC



#4

Vinyl Chloride

Concen: 40.768 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD067628.D

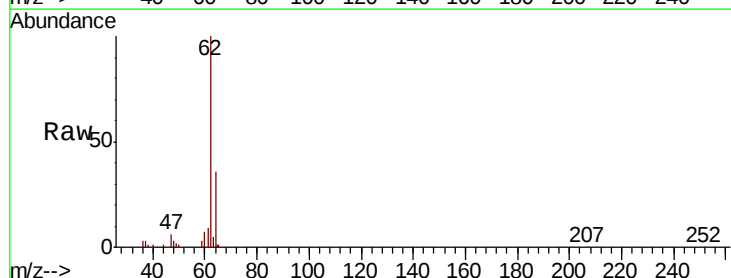
Acq: 12 Nov 2020 17:30

Tgt Ion: 62 Resp: 94995

Ion Ratio Lower Upper

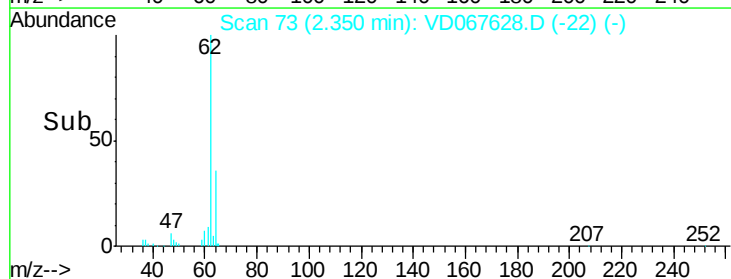
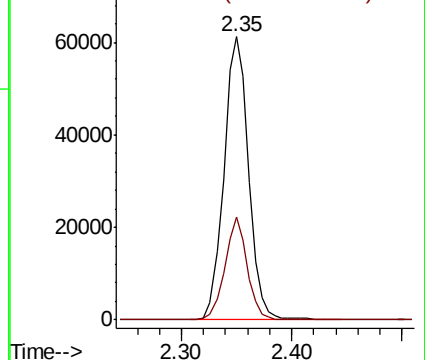
62 100

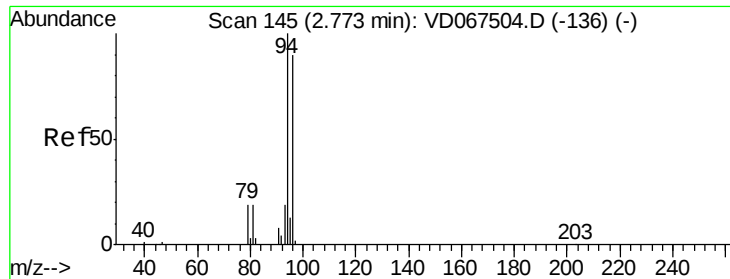
64 36.4 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC





#5

Bromomethane

Concen: 40.309 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD067628.D

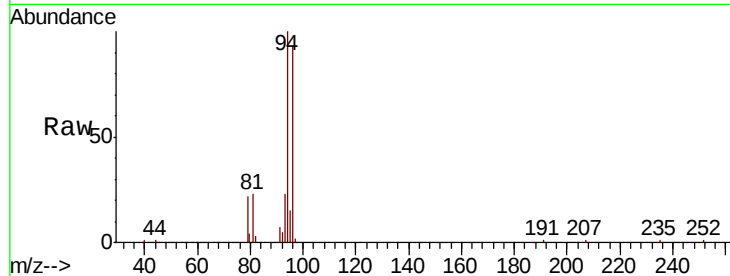
Acq: 12 Nov 2020 17:30

Tot Ion: 94 Resp: 76129

Ion Ratio Lower Upper

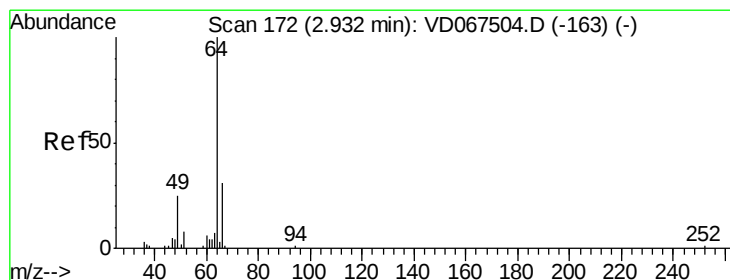
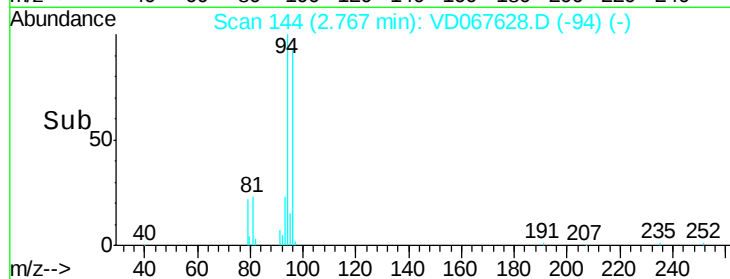
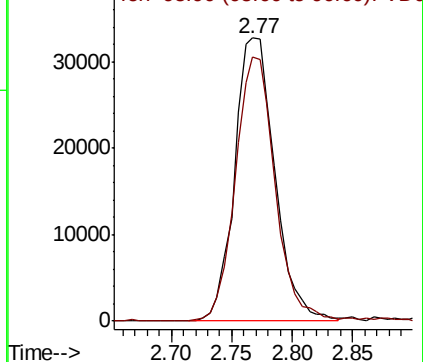
94 100

96 93.2 72.2 108.2



Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 42.926 ug/l

RT: 2.93 min Scan# 171

Delta R.T. -0.01 min

Lab File: VD067628.D

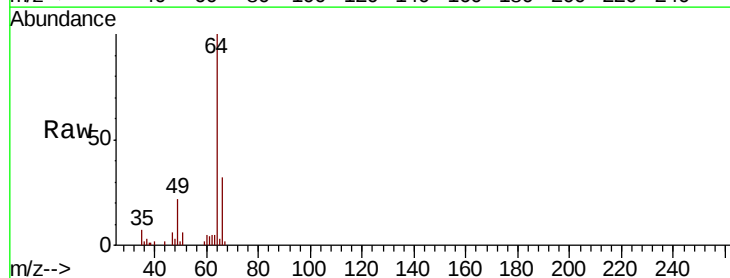
Acq: 12 Nov 2020 17:30

Tgt Ion: 64 Resp: 61666

Ion Ratio Lower Upper

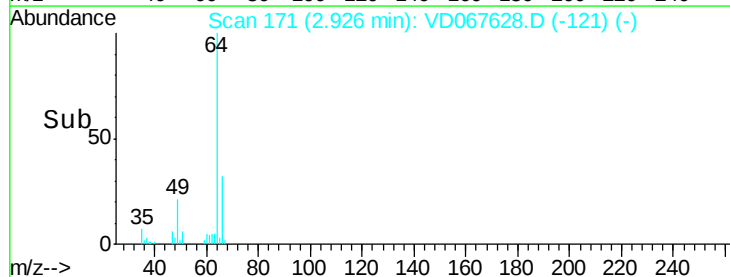
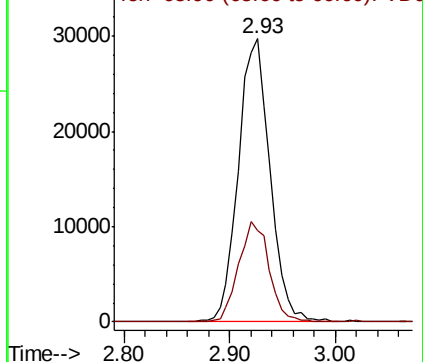
64 100

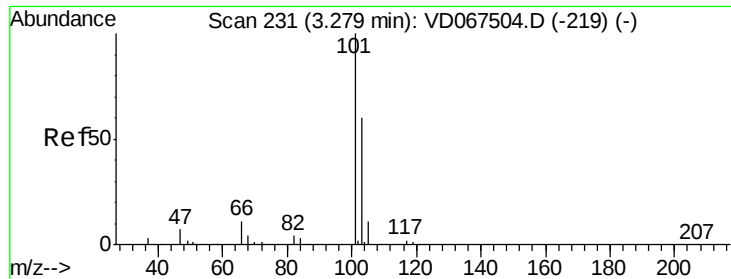
66 32.1 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

Trichlorofluoromethane

Concen: 45.176 ug/l

RT: 3.27 min Scan# 230

Delta R.T. -0.01 min

Lab File: VD067628.D

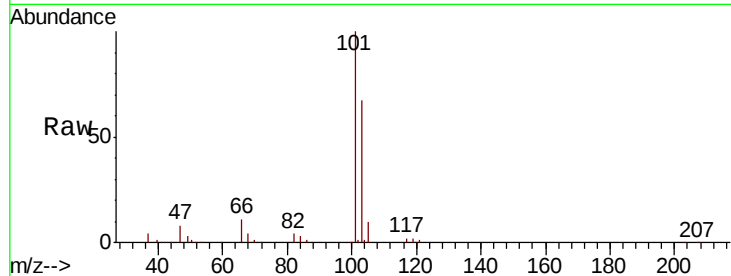
Acq: 12 Nov 2020 17:30

Tot Ion:101 Resp: 272561

Ion Ratio Lower Upper

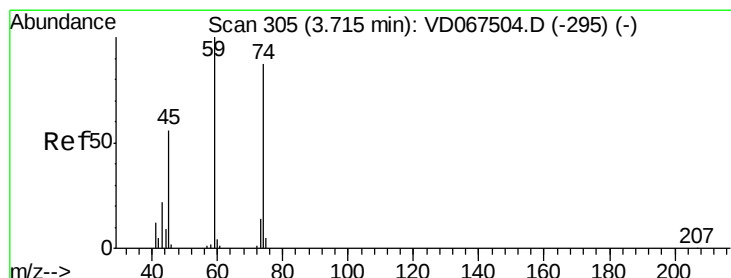
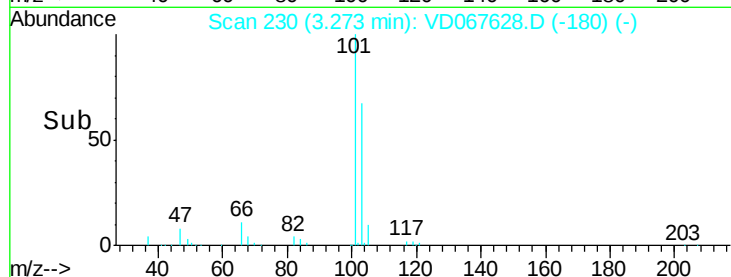
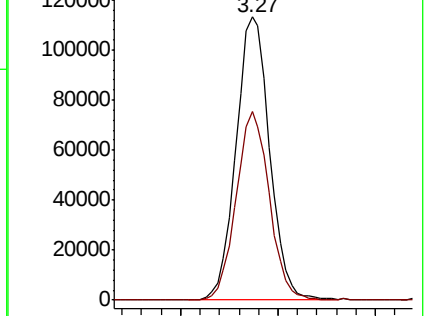
101 100

103 66.7 48.1 72.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 51.557 ug/l

RT: 3.70 min Scan# 303

Delta R.T. -0.01 min

Lab File: VD067628.D

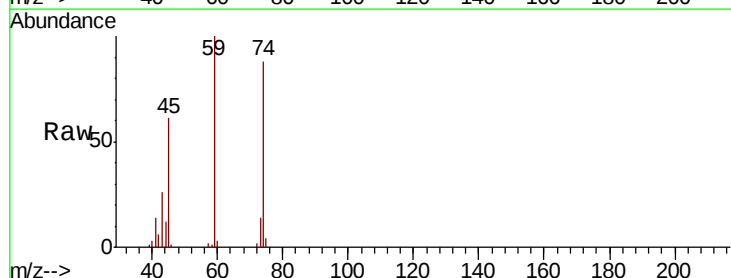
Acq: 12 Nov 2020 17:30

Tgt Ion: 74 Resp: 62678

Ion Ratio Lower Upper

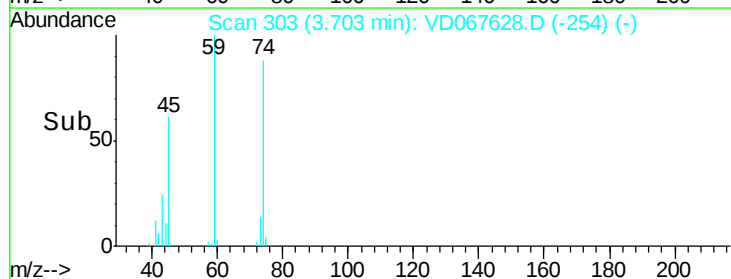
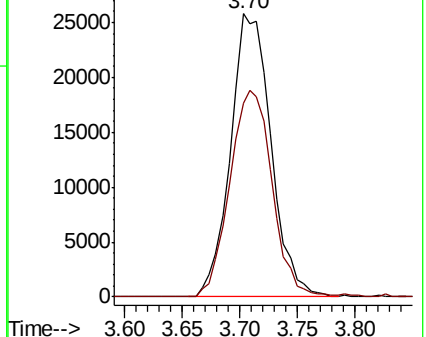
74 100

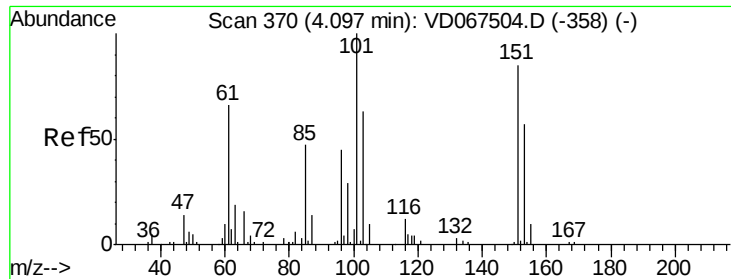
45 76.4 38.2 114.6



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.00 (44.70 to 45.70): VDC





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.621 ug/l

RT: 4.10 min Scan# 370

Delta R.T. -0.00 min

Lab File: VD067628.D

Acq: 12 Nov 2020 17:30

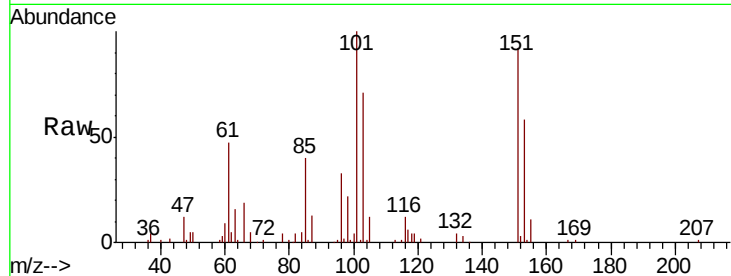
Tot Ion:101 Resp: 145028

Ion Ratio Lower Upper

101 100

85 43.8 34.4 51.6

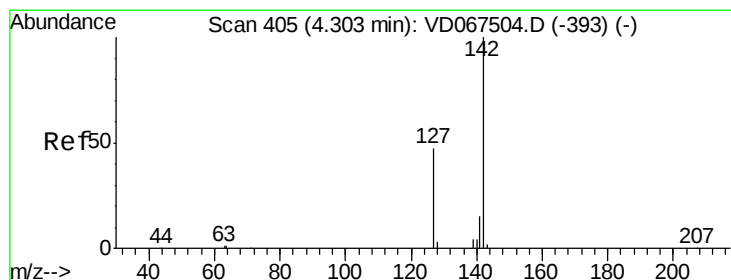
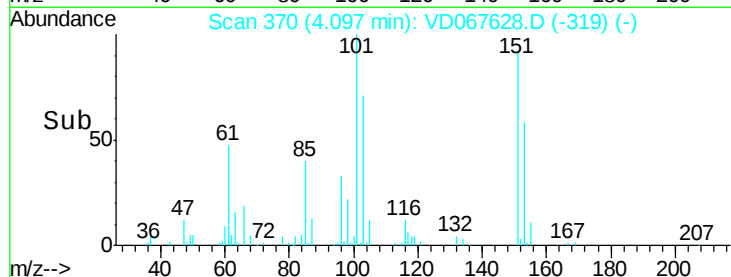
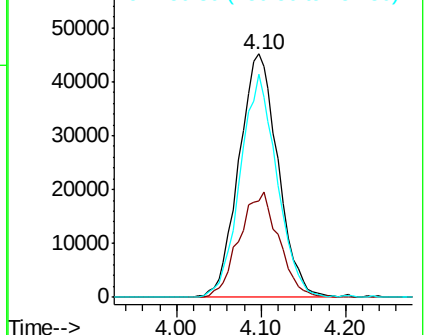
151 86.1 68.1 102.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.414 ug/l

RT: 4.30 min Scan# 405

Delta R.T. -0.00 min

Lab File: VD067628.D

Acq: 12 Nov 2020 17:30

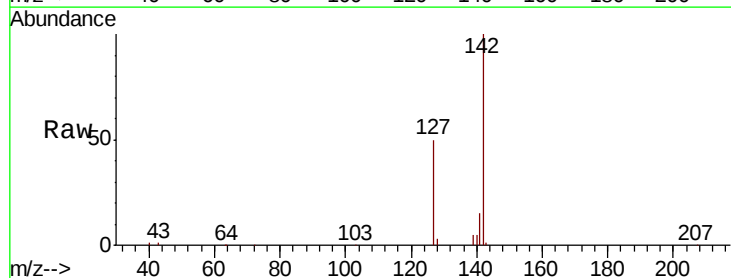
Tgt Ion:142 Resp: 154761

Ion Ratio Lower Upper

142 100

127 50.0 40.0 60.0

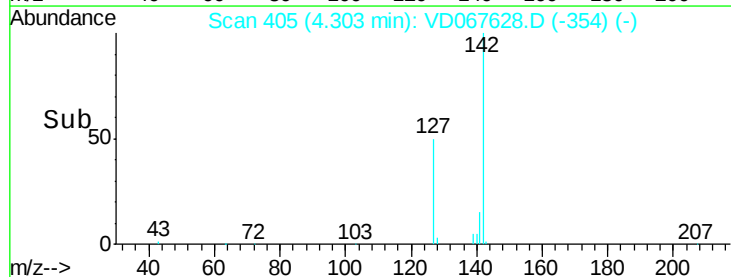
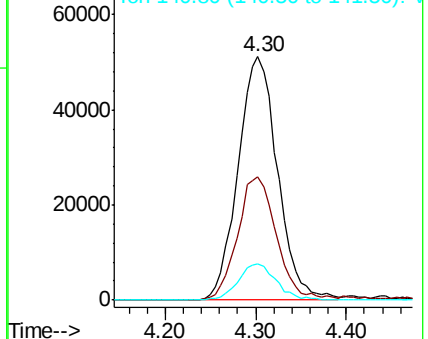
141 14.4 11.7 17.5

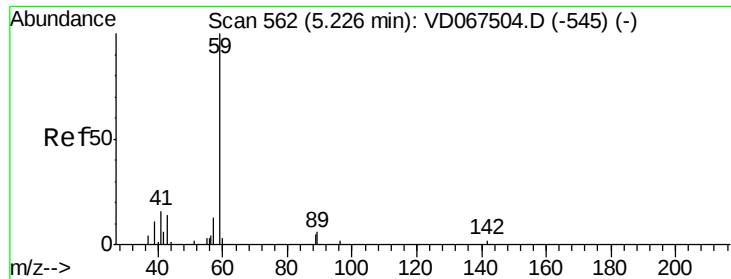


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

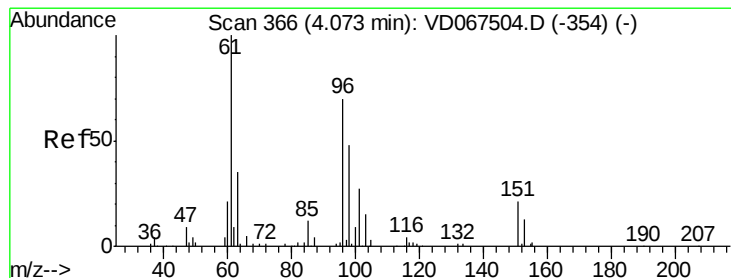
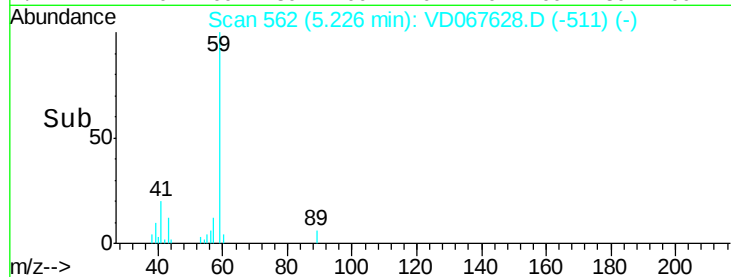
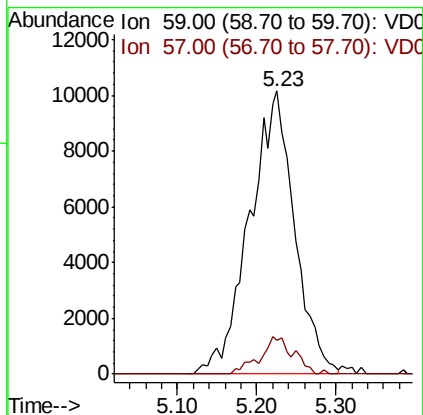
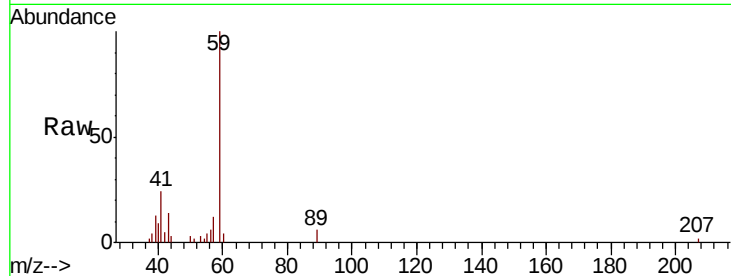




#11

Tert butyl alcohol
 Concen: 321.965 ug/l
 RT: 5.23 min Scan# 562
 Delta R.T. -0.00 min
 Lab File: VD067628.D
 Acq: 12 Nov 2020 17:30

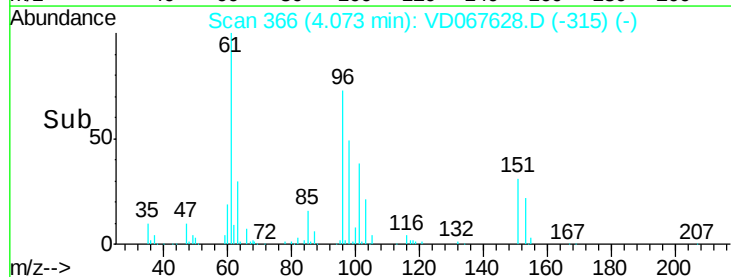
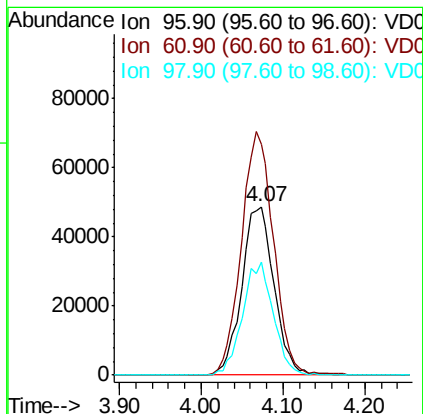
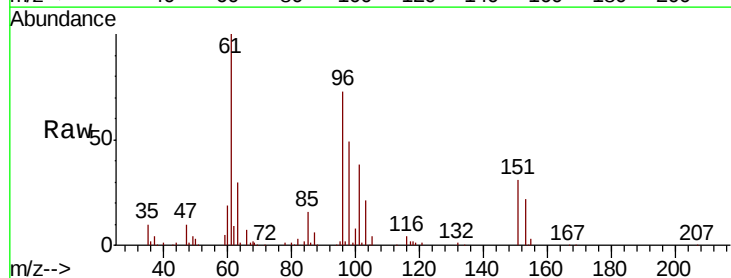
Tot Ion	59	Resp	39982
Ion Ratio	Lower	Upper	
59	100		
57	9.7	5.9	8.9#

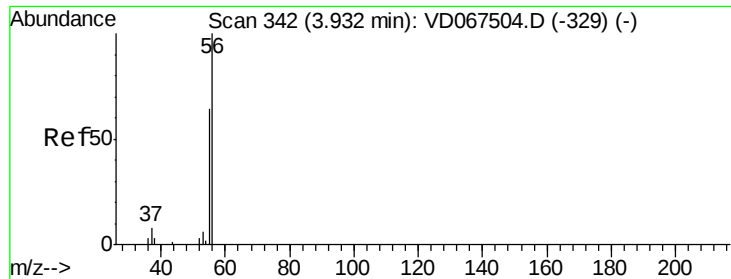


#12

1,1-Dichloroethene
 Concen: 47.708 ug/l
 RT: 4.07 min Scan# 366
 Delta R.T. -0.00 min
 Lab File: VD067628.D
 Acq: 12 Nov 2020 17:30

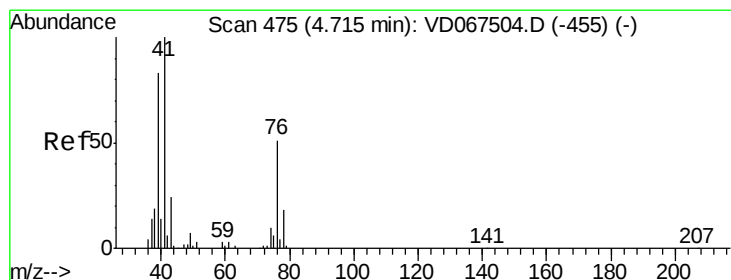
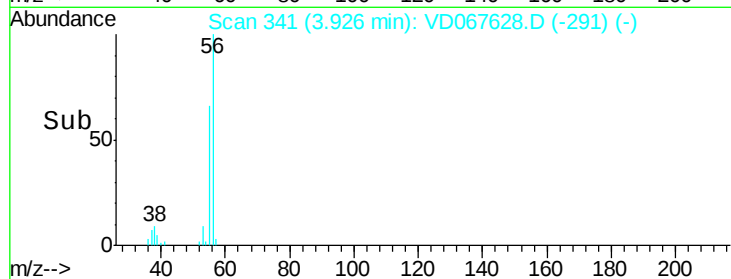
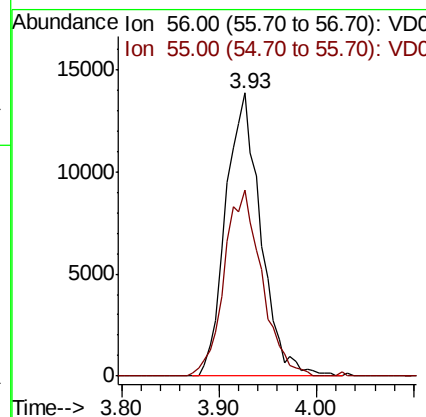
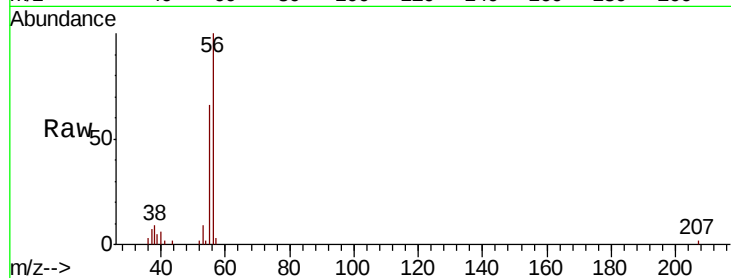
Tgt Ion	96	Resp	133642
Ion Ratio	Lower	Upper	
96	100		
61	136.9	114.5	171.7
98	67.3	54.5	81.7





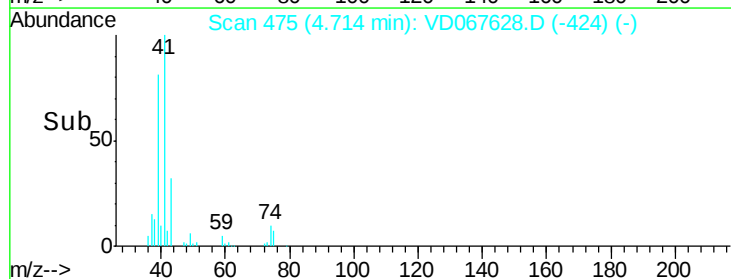
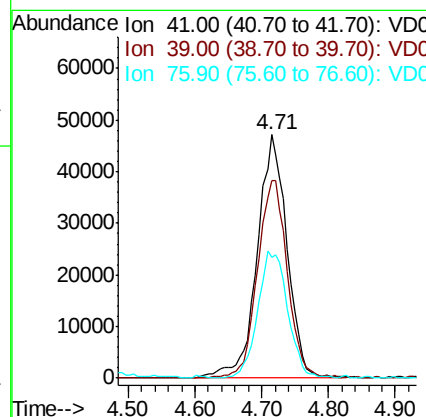
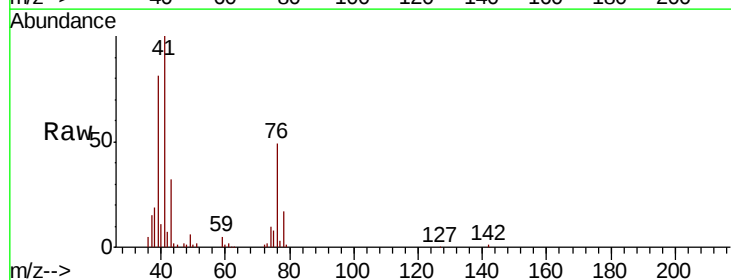
#13
Acrolein
Concen: 263.615 ug/l
RT: 3.93 min Scan# 341
Delta R.T. -0.01 min
Lab File: VD067628.D
Acq: 12 Nov 2020 17:30

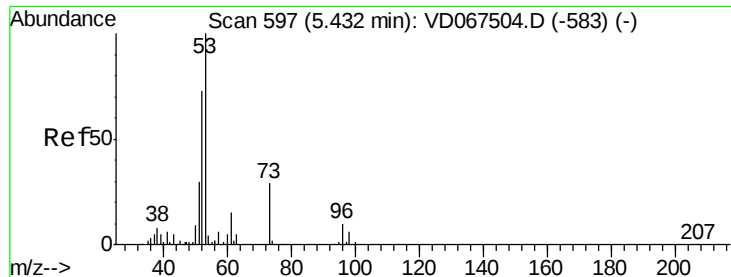
Tot Ion: 56 Resp: 34564
Ion Ratio Lower Upper
56 100
55 70.2 55.8 83.8



#14
Allyl chloride
Concen: 48.387 ug/l
RT: 4.71 min Scan# 475
Delta R.T. -0.00 min
Lab File: VD067628.D
Acq: 12 Nov 2020 17:30

Tgt Ion: 41 Resp: 145066
Ion Ratio Lower Upper
41 100
39 81.0 67.4 101.0
76 52.3 42.2 63.2





#15

Acrylonitrile

Concen: 264.318 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.01 min

Lab File: VD067628.D

Acq: 12 Nov 2020 17:30

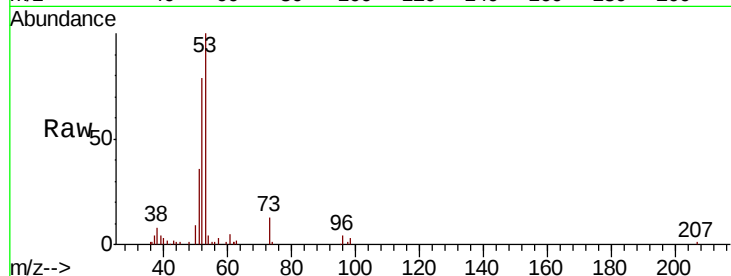
Tot Ion: 53 Resp: 118782

Ion Ratio Lower Upper

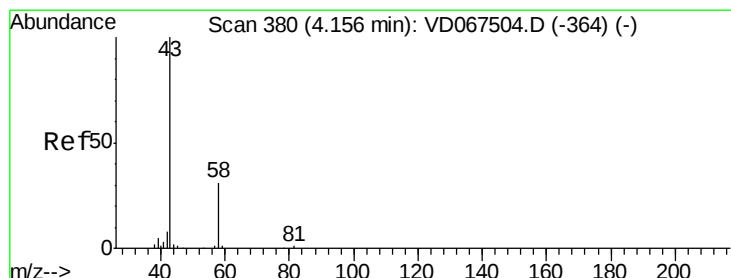
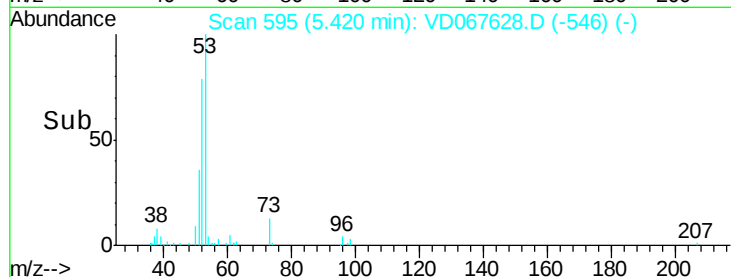
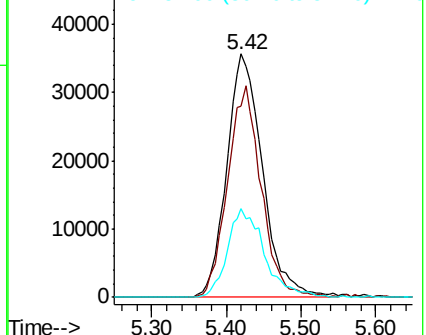
53 100

52 81.7 64.8 97.2

51 37.4 29.5 44.3



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: 225.701 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD067628.D

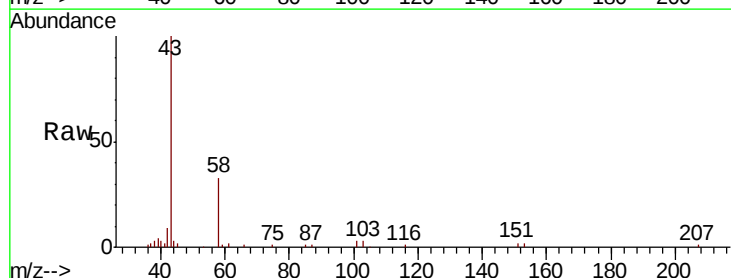
Acq: 12 Nov 2020 17:30

Tgt Ion: 43 Resp: 99117

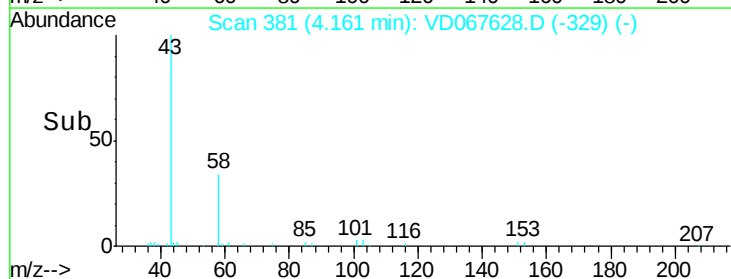
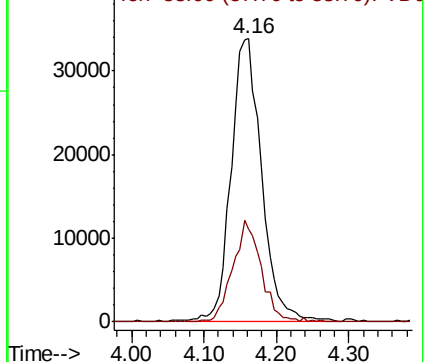
Ion Ratio Lower Upper

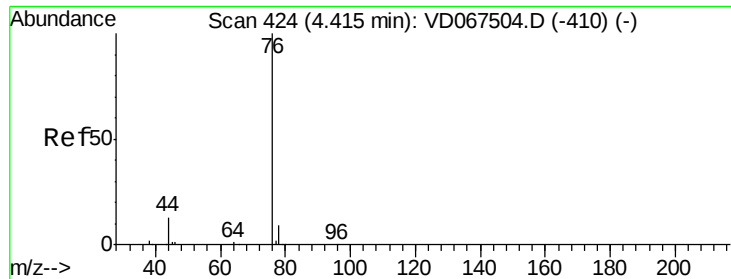
43 100

58 32.8 25.2 37.8



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC





#17

Carbon Disulfide

Concen: 43.335 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.01 min

Lab File: VD067628.D

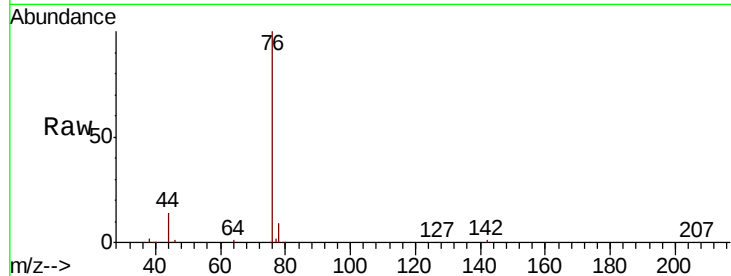
Acq: 12 Nov 2020 17:30

Tot Ion: 76 Resp: 371982

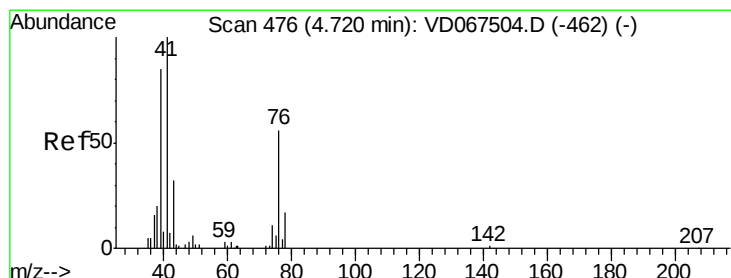
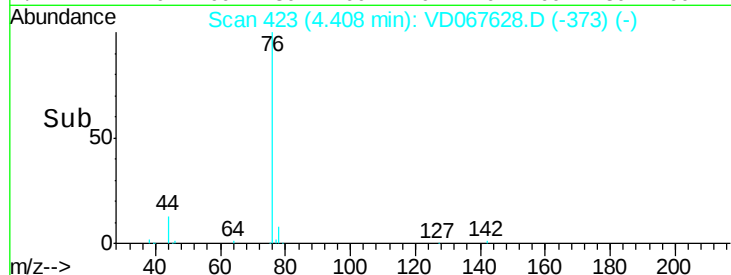
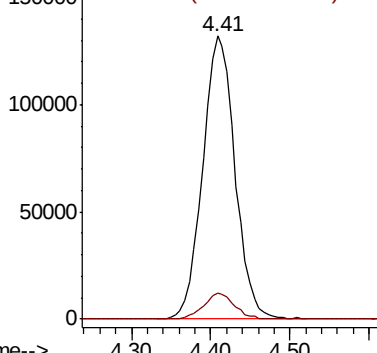
Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VDC
Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 55.655 ug/l

RT: 4.72 min Scan# 476

Delta R.T. -0.00 min

Lab File: VD067628.D

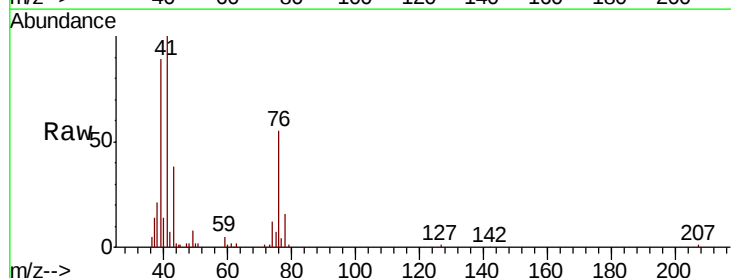
Acq: 12 Nov 2020 17:30

Tgt Ion: 43 Resp: 50506

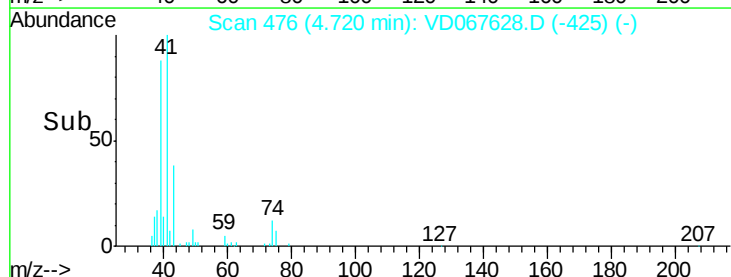
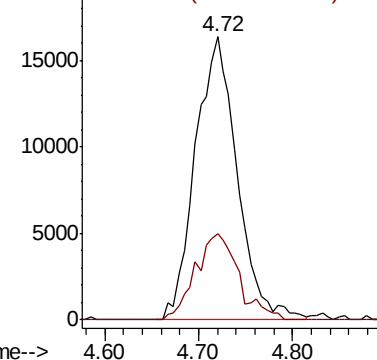
Ion Ratio Lower Upper

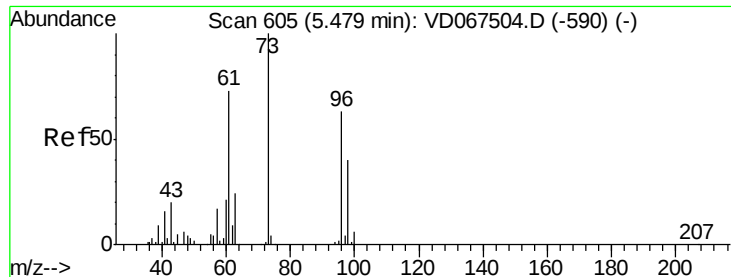
43 100

74 31.7 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 74.00 (73.70 to 74.70): VDC

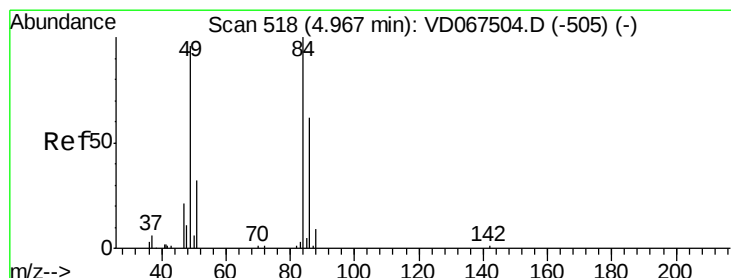
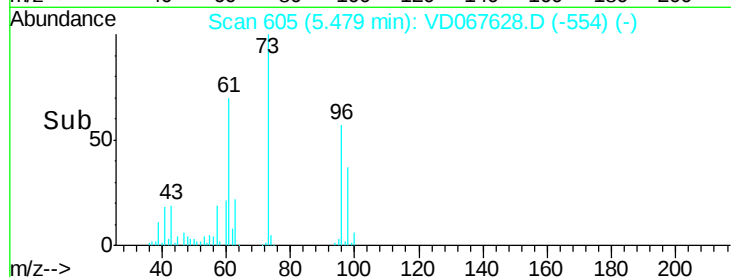
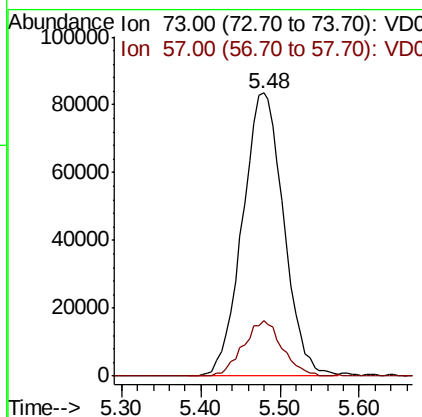
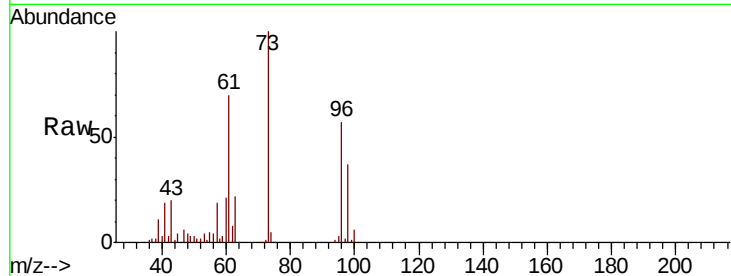




#19

Methyl tert-butyl Ether
 Concen: 54.615 ug/l
 RT: 5.48 min Scan# 605
 Delta R.T. -0.00 min
 Lab File: VD067628.D
 Acq: 12 Nov 2020 17:30

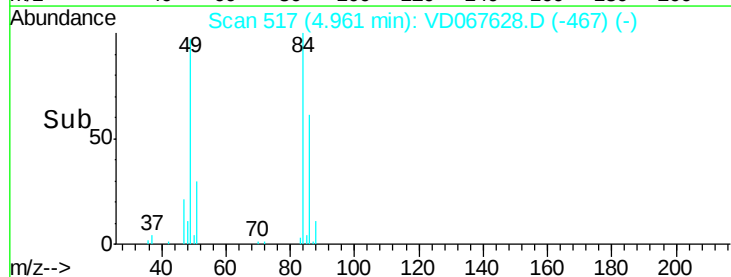
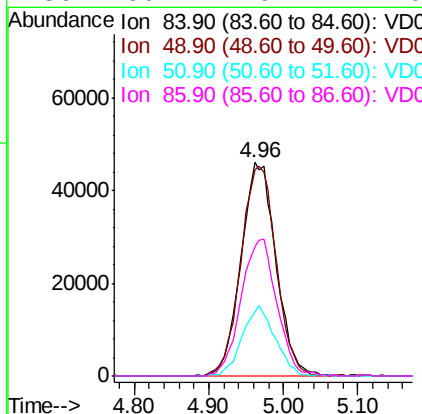
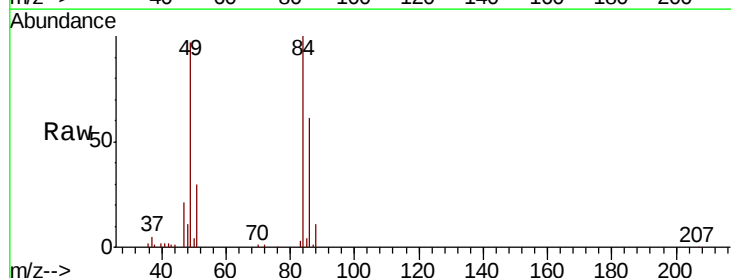
Tot Ion: 73 Resp: 301774
 Ion Ratio Lower Upper
 73 100
 57 19.4 13.4 20.0

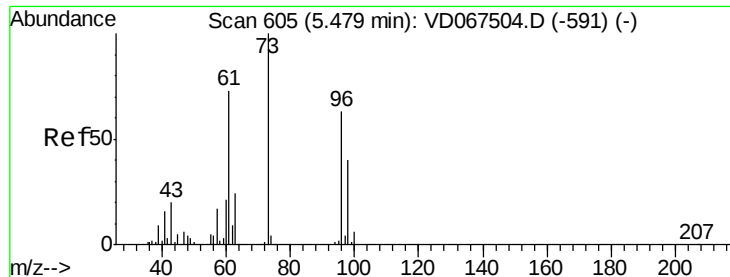


#20

Methylene Chloride
 Concen: 48.268 ug/l
 RT: 4.96 min Scan# 517
 Delta R.T. -0.01 min
 Lab File: VD067628.D
 Acq: 12 Nov 2020 17:30

Tgt Ion: 84 Resp: 149733
 Ion Ratio Lower Upper
 84 100
 49 96.8 77.0 115.4
 51 30.0 25.4 38.2
 86 60.7 49.4 74.0





#21

trans-1,2-Dichloroethene

Concen: 47.214 ug/l

RT: 5.47 min Scan# 604

Delta R.T. -0.01 min

Lab File: VD067628.D

Acq: 12 Nov 2020 17:30

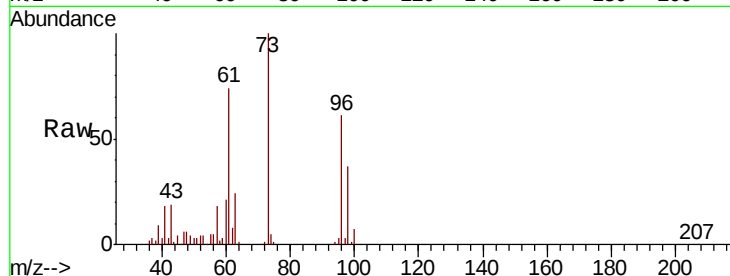
Tot Ion: 96 Resp: 154045

Ion Ratio Lower Upper

96 100

61 121.8 93.0 139.6

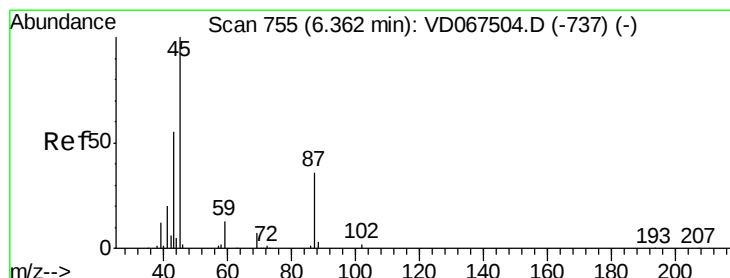
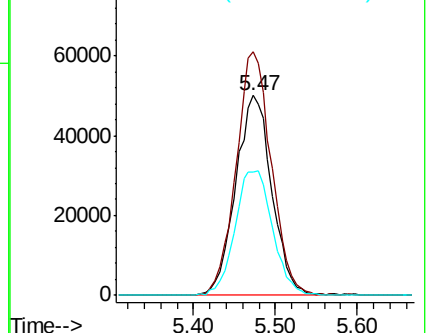
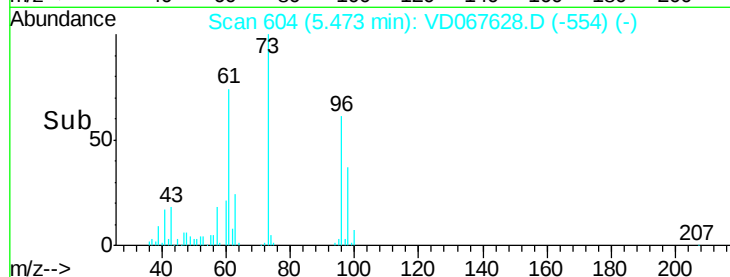
98 61.6 50.9 76.3



Abundance Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 52.290 ug/l

RT: 6.36 min Scan# 755

Delta R.T. -0.00 min

Lab File: VD067628.D

Acq: 12 Nov 2020 17:30

Tgt Ion: 45 Resp: 305498

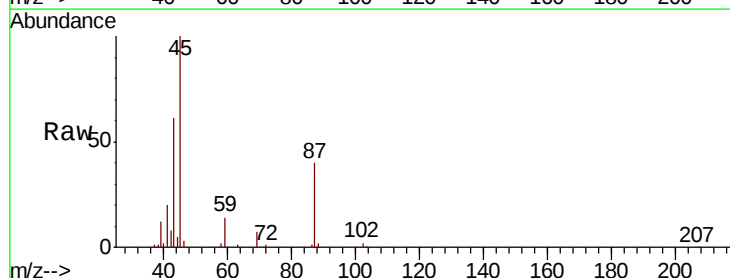
Ion Ratio Lower Upper

45 100

43 60.2 46.2 69.4

87 39.4 29.4 44.2

59 14.2 10.8 16.2

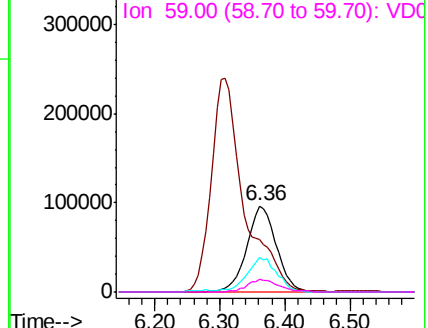
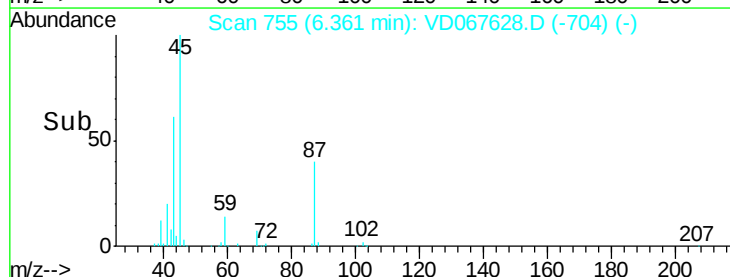


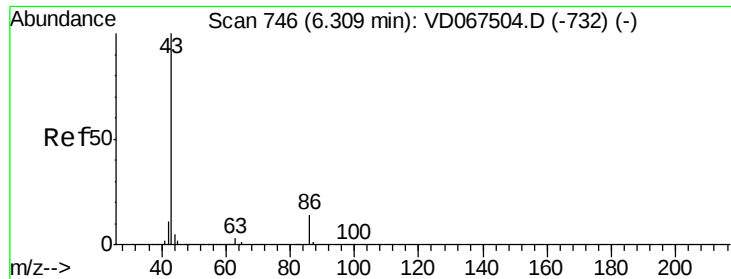
Abundance Ion 45.00 (44.70 to 45.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 274.190 ug/l

RT: 6.31 min Scan# 746

Delta R.T. -0.00 min

Lab File: VD067628.D

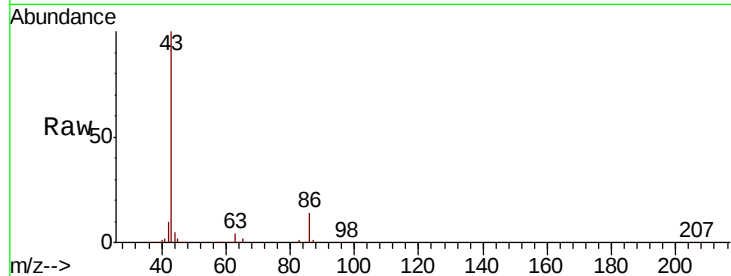
Acq: 12 Nov 2020 17:30

Tot Ion: 43 Resp: 838526

Ion Ratio Lower Upper

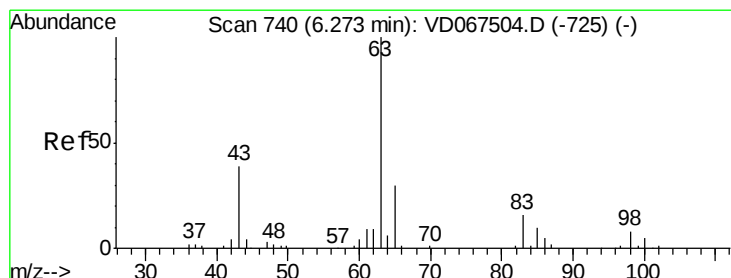
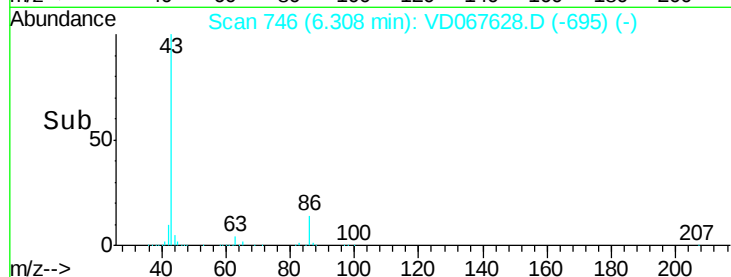
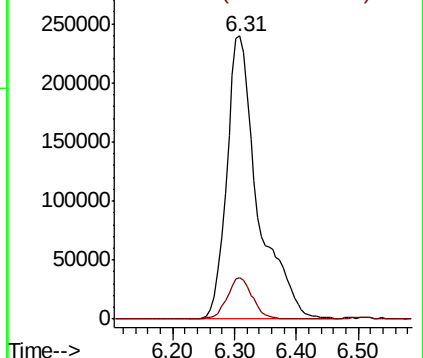
43 100

86 14.5 11.6 17.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 48.843 ug/l

RT: 6.27 min Scan# 739

Delta R.T. -0.01 min

Lab File: VD067628.D

Acq: 12 Nov 2020 17:30

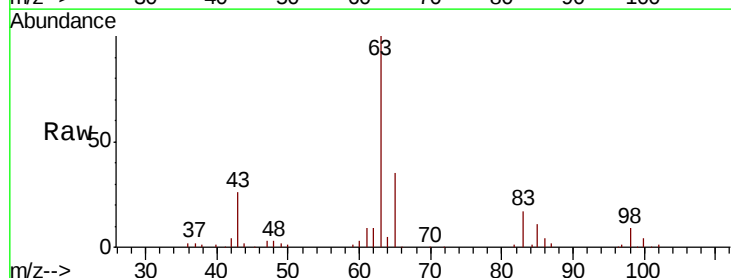
Tgt Ion: 63 Resp: 233451

Ion Ratio Lower Upper

63 100

98 9.1 3.9 11.5

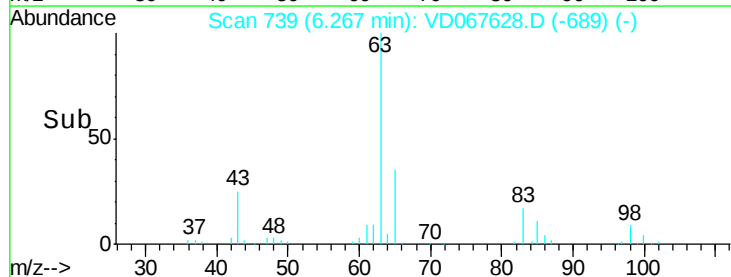
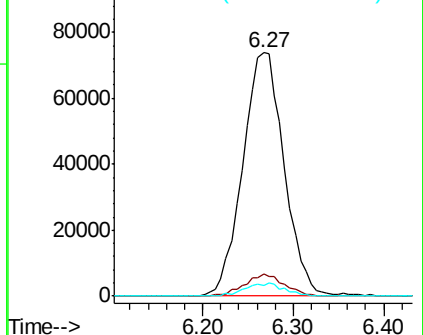
100 4.4 2.6 7.8

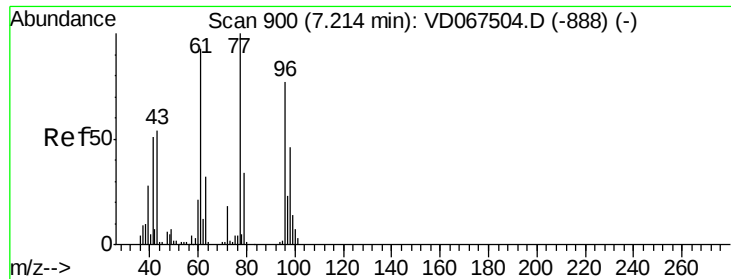


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





#25

2-Butanone

Concen: 266.679 ug/l

RT: 7.21 min Scan# 900

Delta R.T. -0.00 min

Lab File: VD067628.D

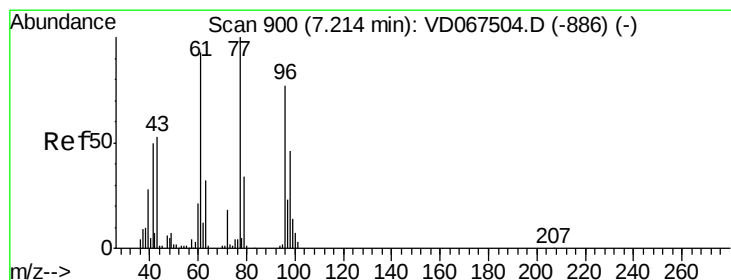
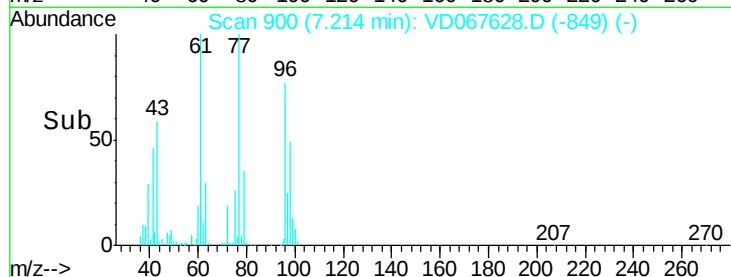
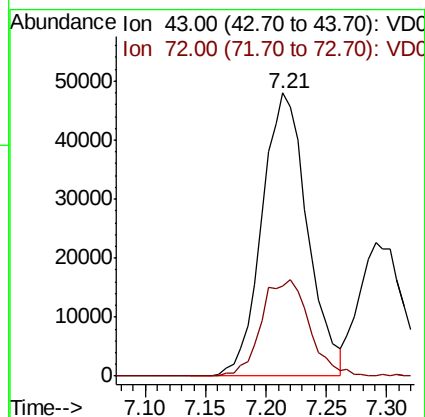
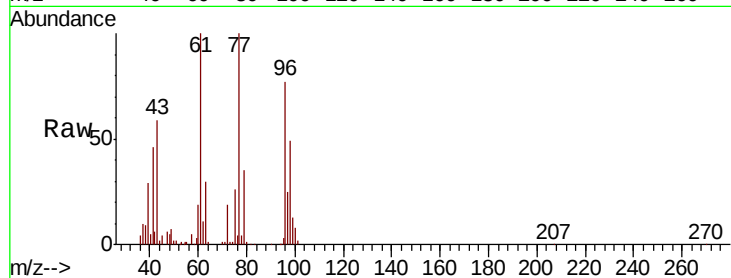
Acq: 12 Nov 2020 17:30

Tot Ion: 43 Resp: 125138

Ion Ratio Lower Upper

43 100

72 31.6 26.4 39.6



#26

2,2-Dichloropropane

Concen: 47.743 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD067628.D

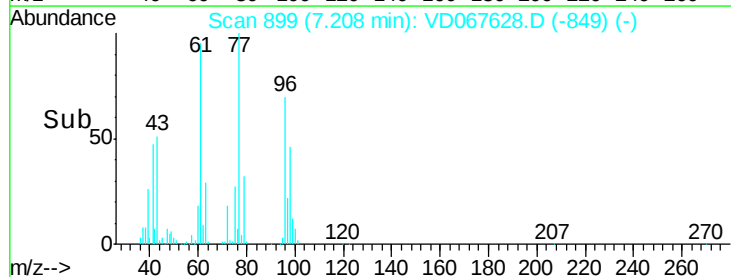
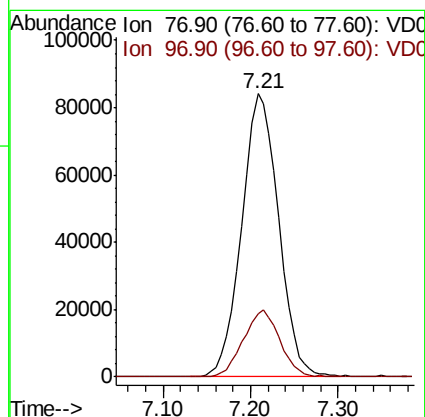
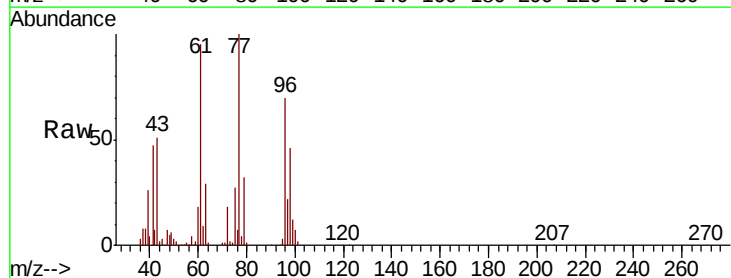
Acq: 12 Nov 2020 17:30

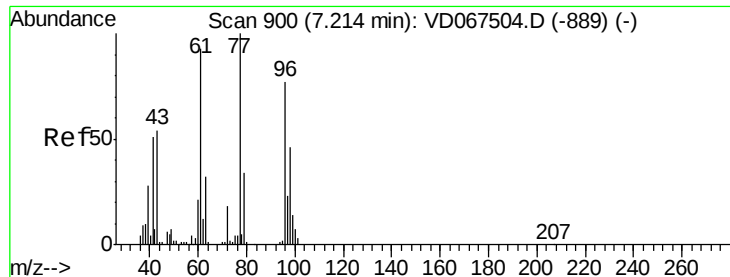
Tgt Ion: 77 Resp: 240833

Ion Ratio Lower Upper

77 100

97 23.5 11.1 33.3

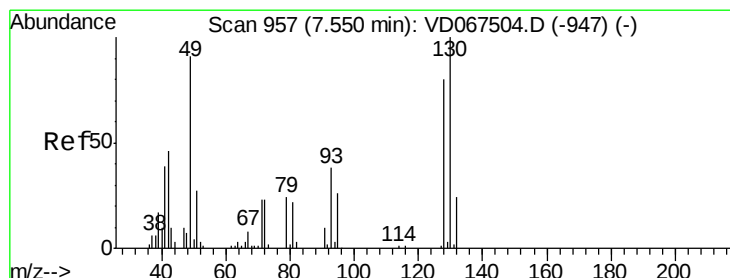
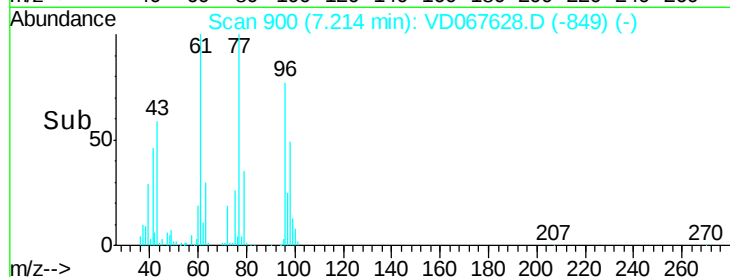
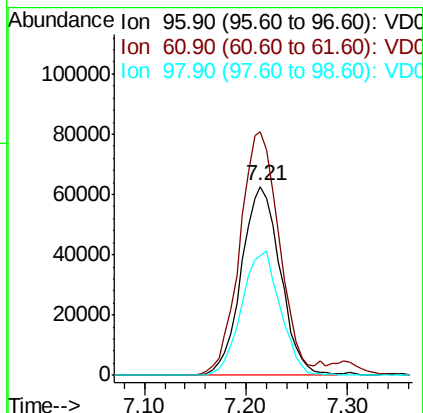
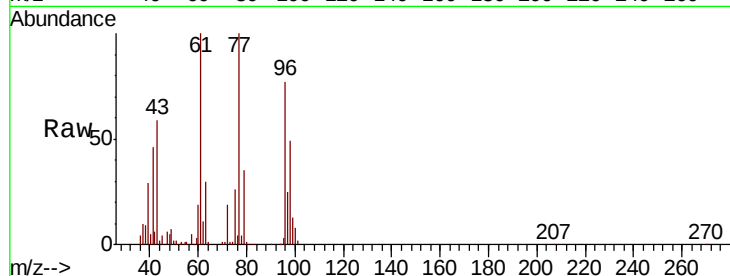




#27

cis-1,2-Dichloroethene
Concen: 49.351 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.00 min
Lab File: VD067628.D
Acq: 12 Nov 2020 17:30

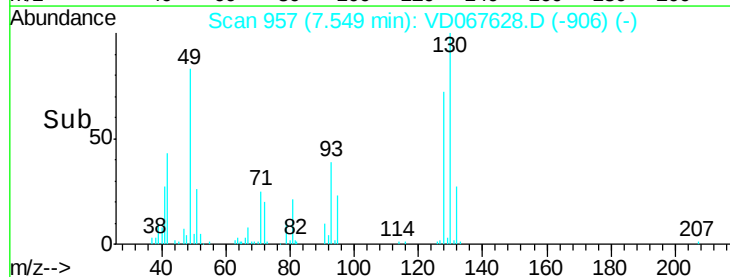
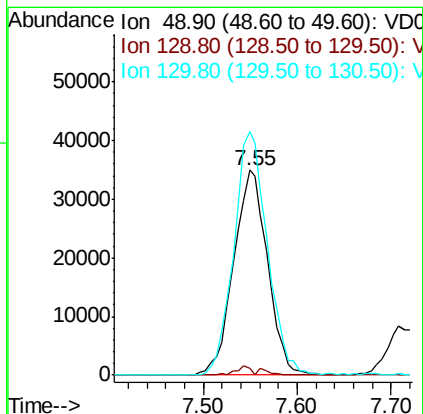
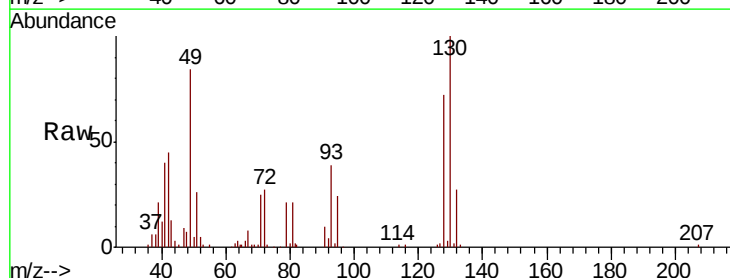
Tot Ion	Ratio	Lower	Upper
96	100		
61	130.8	0.0	251.6
98	65.0	0.0	128.0

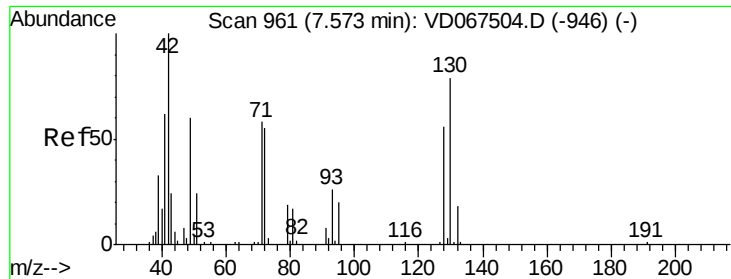


#28

Bromochloromethane
Concen: 51.279 ug/l
RT: 7.55 min Scan# 957
Delta R.T. -0.00 min
Lab File: VD067628.D
Acq: 12 Nov 2020 17:30

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	6.4
130	117.4	94.6	142.0





#29

Tetrahydrofuran

Concen: 280.920 ug/l

RT: 7.57 min Scan# 960

Delta R.T. -0.01 min

Lab File: VD067628.D

Acq: 12 Nov 2020 17:30

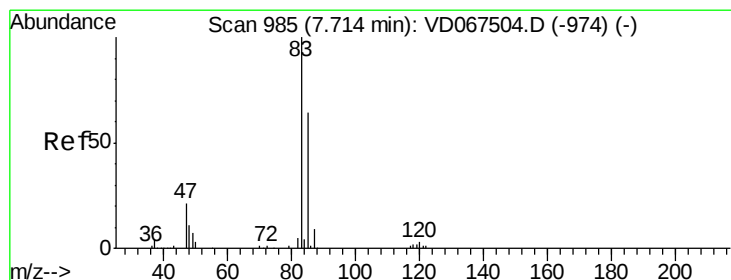
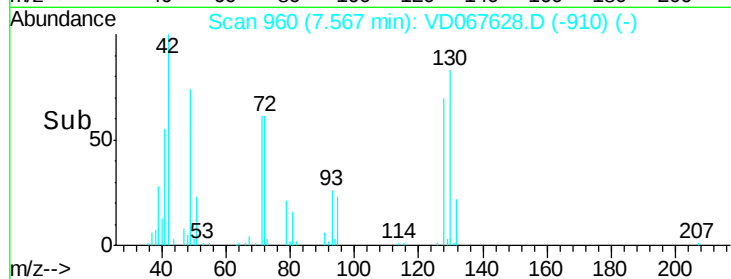
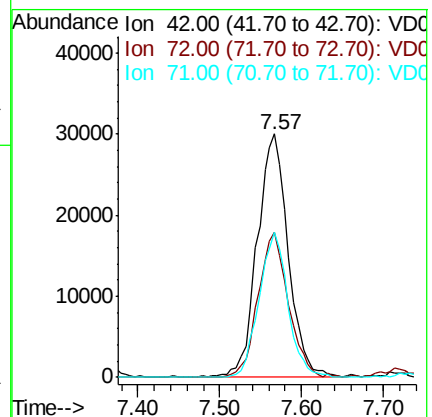
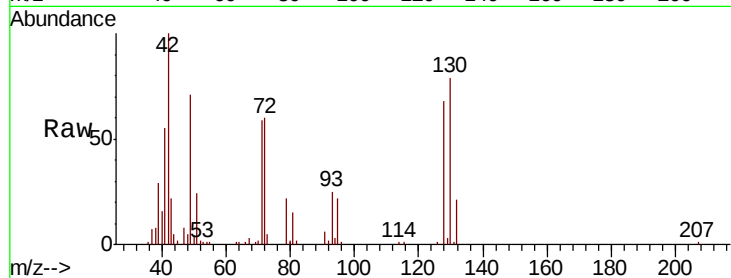
Tot Ion: 42 Resp: 78961

Ion Ratio Lower Upper

42 100

72 58.3 46.3 69.5

71 55.4 44.0 66.0



#30

Chloroform

Concen: 49.654 ug/l

RT: 7.71 min Scan# 985

Delta R.T. -0.00 min

Lab File: VD067628.D

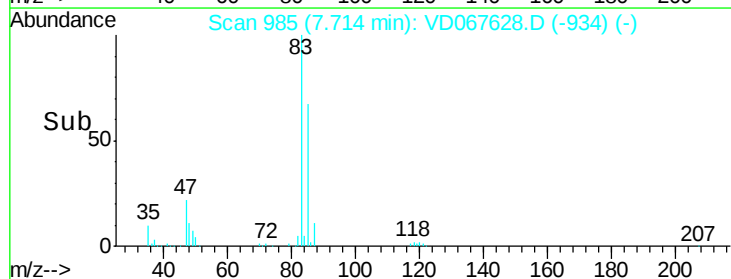
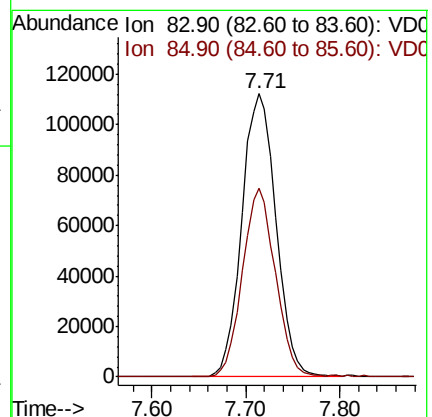
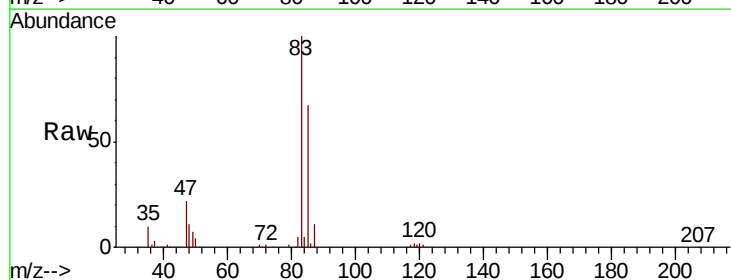
Acq: 12 Nov 2020 17:30

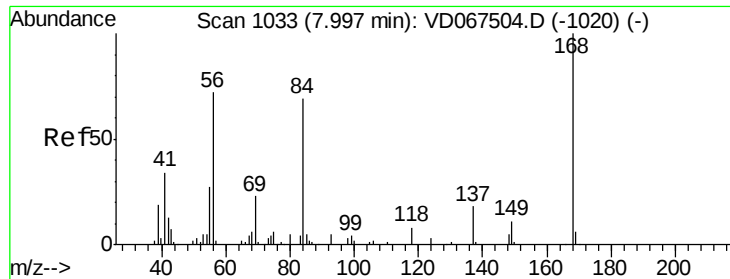
Tgt Ion: 83 Resp: 283132

Ion Ratio Lower Upper

83 100

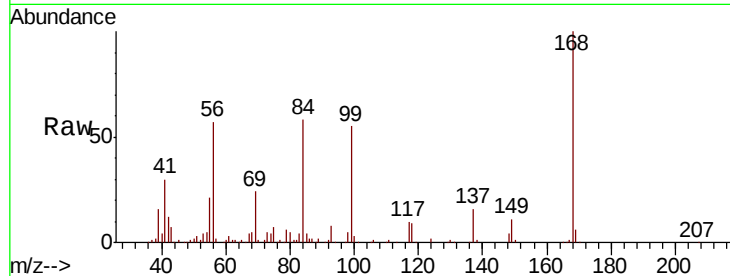
85 66.7 51.5 77.3



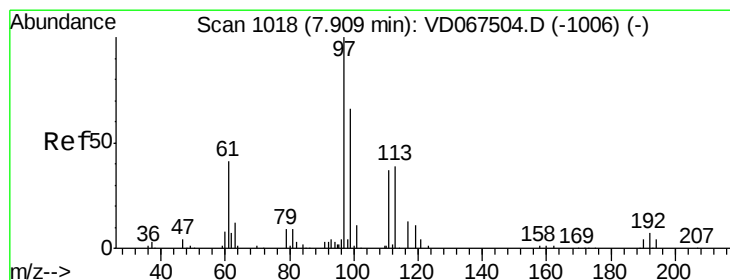
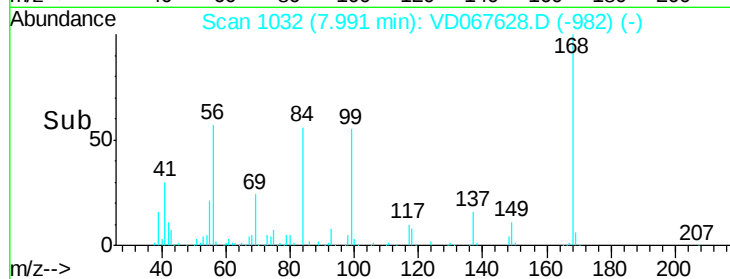
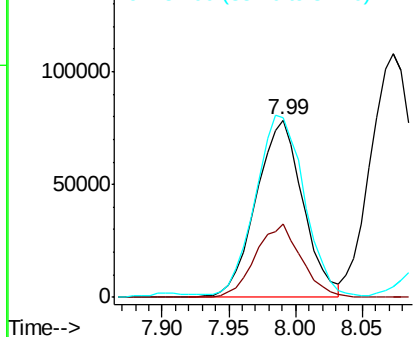


#31
Cyclohexane
Concen: 44.963 ug/l
RT: 7.99 min Scan# 1032
Delta R.T. -0.01 min
Lab File: VD067628.D
Acq: 12 Nov 2020 17:30

Tot Ion: 56 Resp: 191378
Ion Ratio Lower Upper
56 100
69 41.7 25.9 38.9#
84 99.6 76.2 114.4

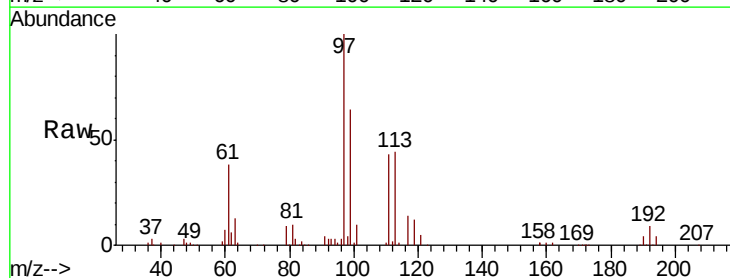


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

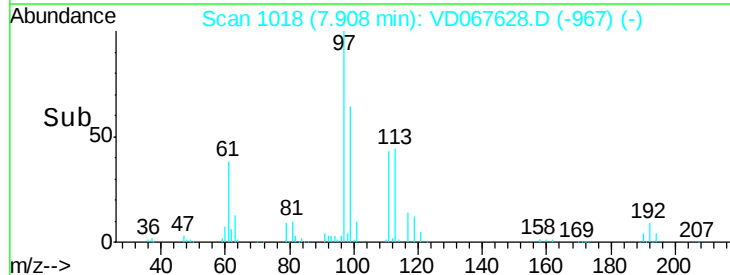
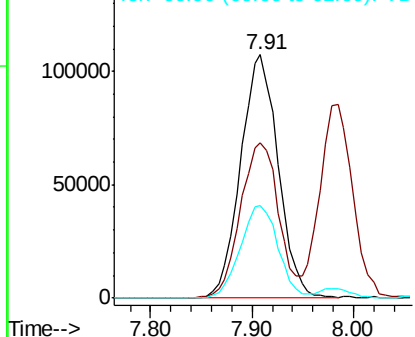


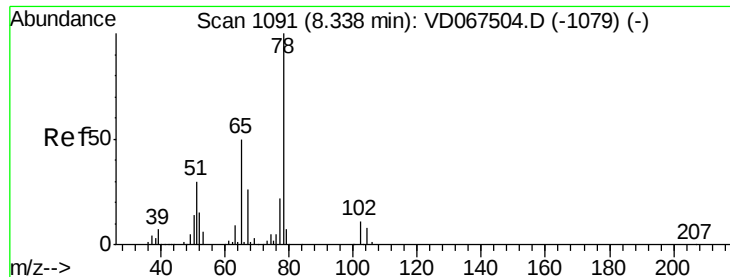
#32
1,1,1-Trichloroethane
Concen: 46.995 ug/l
RT: 7.91 min Scan# 1018
Delta R.T. -0.00 min
Lab File: VD067628.D
Acq: 12 Nov 2020 17:30

Tgt Ion: 97 Resp: 276482
Ion Ratio Lower Upper
97 100
99 64.7 51.8 77.6
61 38.3 30.5 45.7



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





#33

1,2-Dichloroethane-d4

Concen: 46.755 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD067628.D

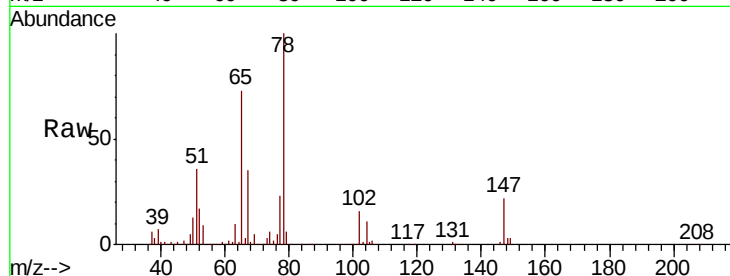
Acq: 12 Nov 2020 17:30

Tot Ion: 65 Resp: 137210

Ion Ratio Lower Upper

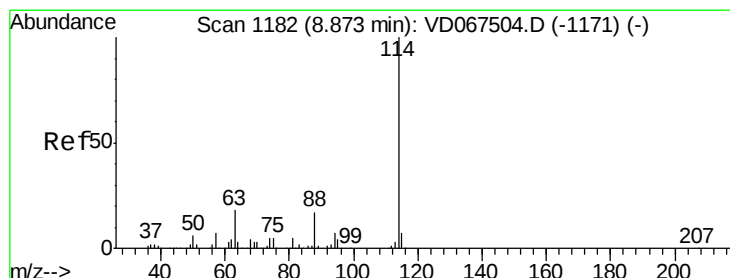
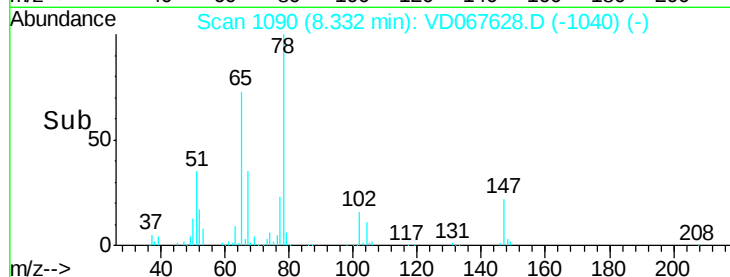
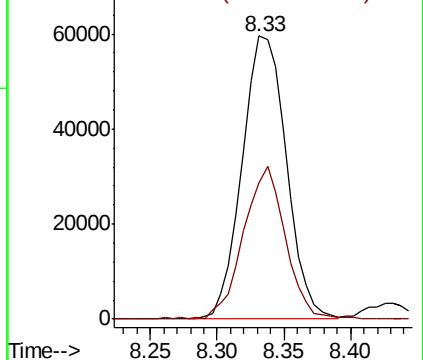
65 100

67 50.8 0.0 99.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VD067628.D

Acq: 12 Nov 2020 17:30

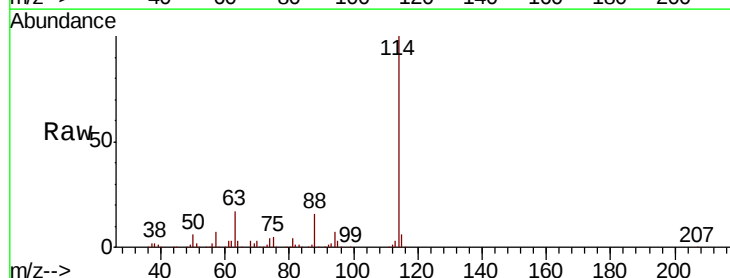
Tgt Ion: 114 Resp: 497808

Ion Ratio Lower Upper

114 100

63 17.1 0.0 35.0

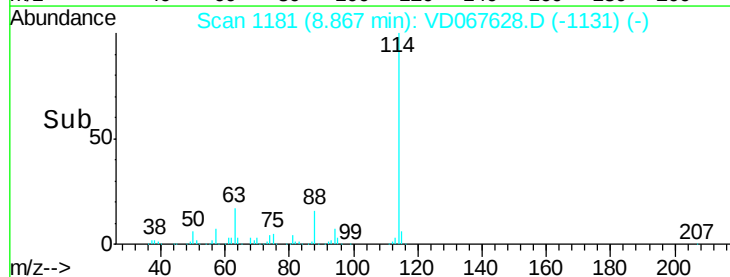
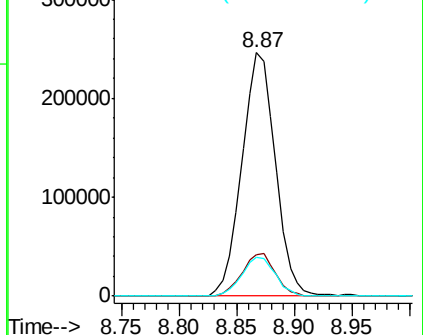
88 15.7 0.0 33.0

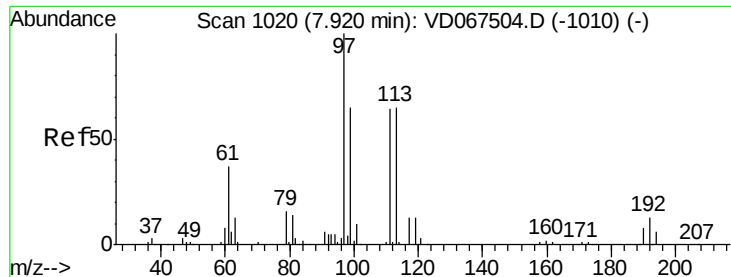


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

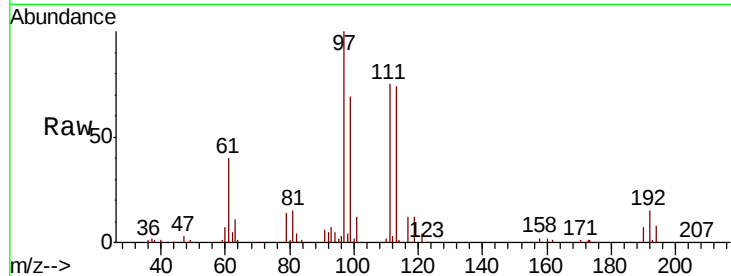
Ion 87.90 (87.60 to 88.60): VDC





#35
 Dibromofluoromethane
 Concen: 47.240 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD067628.D
 Acq: 12 Nov 2020 17:30

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.8	80.0	120.0
192	21.4	16.3	24.5

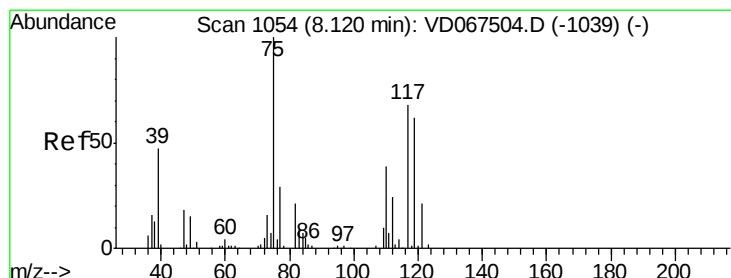
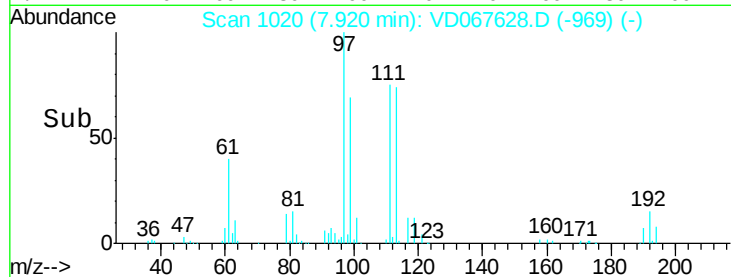
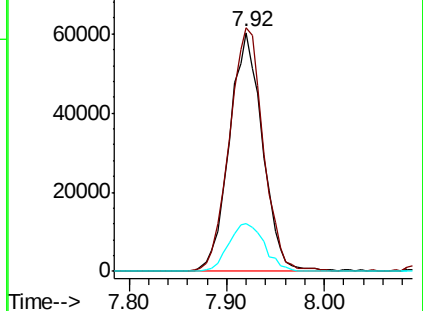


Abundance

Ion 112.80 (112.50 to 113.50): V

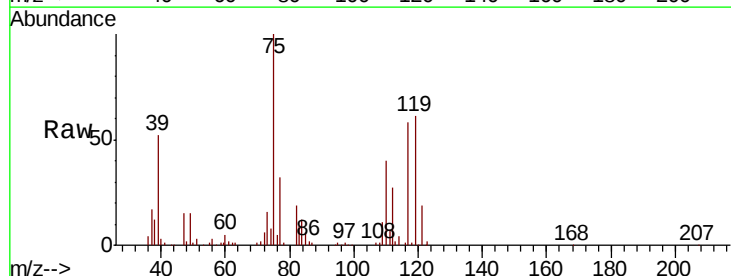
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36
 1,1-Dichloropropene
 Concen: 47.900 ug/l
 RT: 8.12 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: VD067628.D
 Acq: 12 Nov 2020 17:30

Tgt Ion	Ratio	Lower	Upper
75	100		
110	40.1	19.9	59.7
77	32.0	24.8	37.2

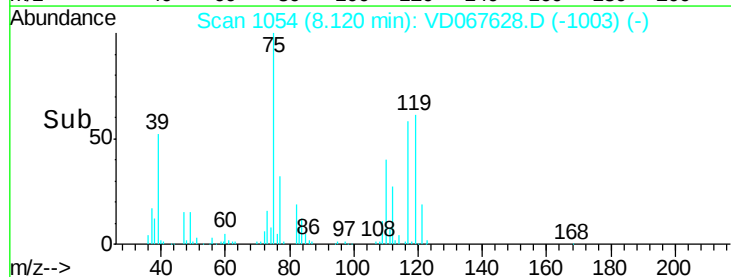
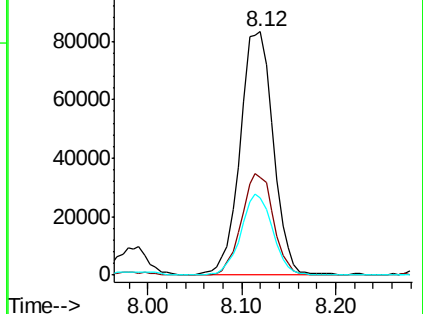


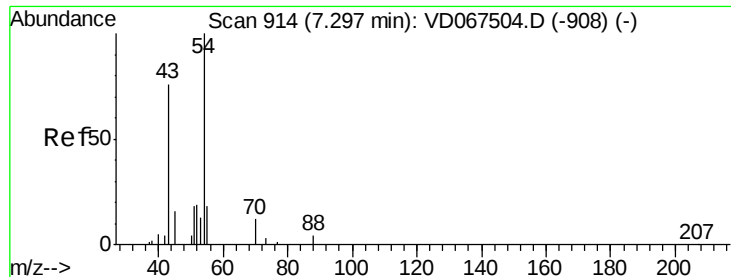
Abundance

Ion 74.90 (74.60 to 75.60): V

Ion 109.90 (109.60 to 110.60): V

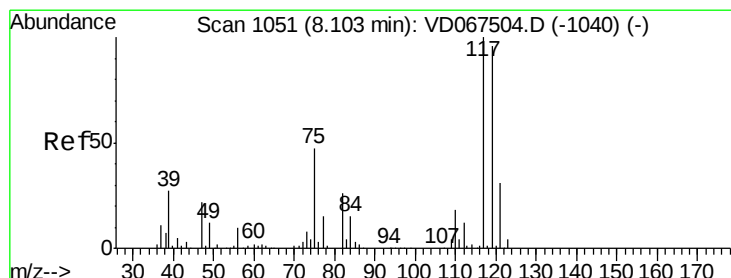
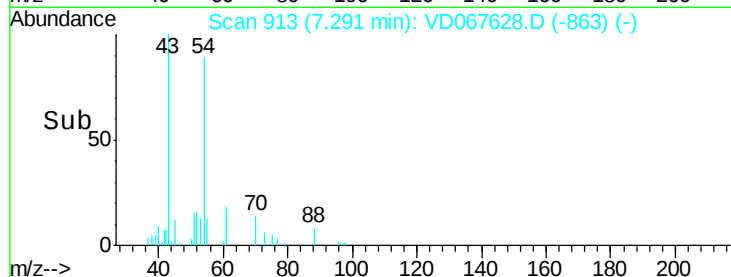
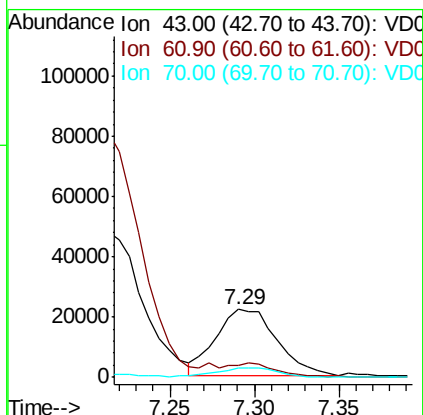
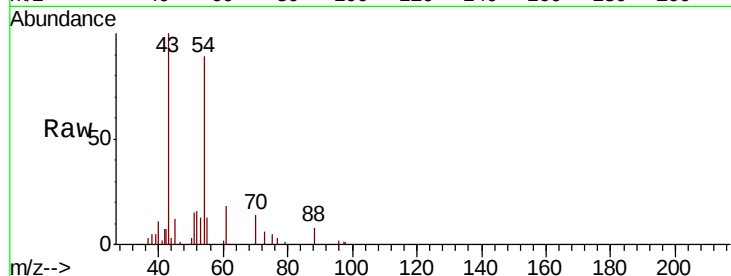
Ion 76.90 (76.60 to 77.60): V





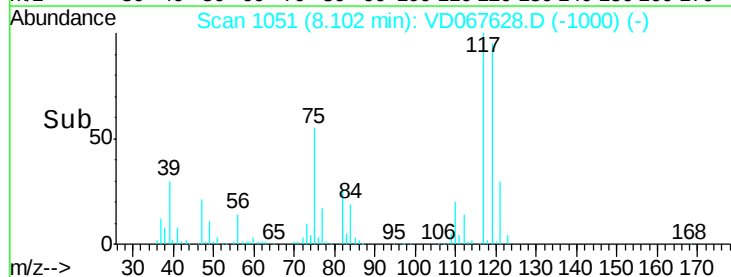
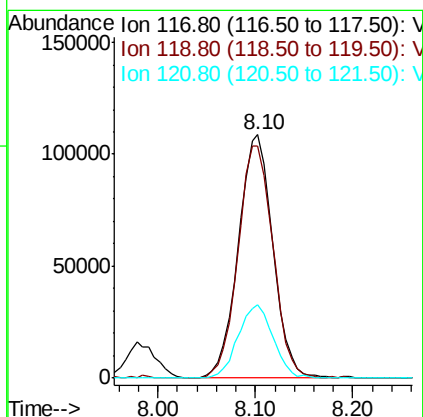
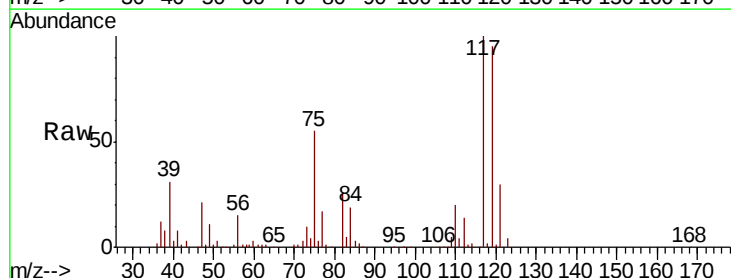
#37
Ethyl Acetate
Concen: 50.346 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD067628.D
Acq: 12 Nov 2020 17:30

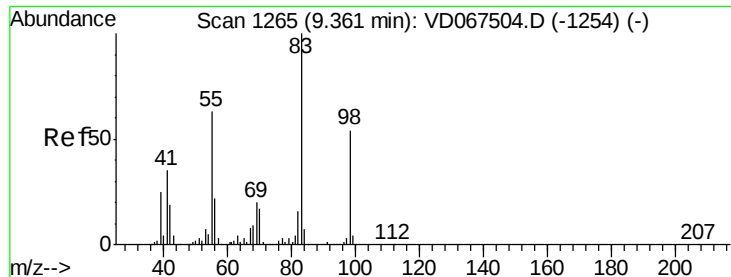
Tot Ion: 43 Resp: 55697
Ion Ratio Lower Upper
43 100
61 0.0 12.8 19.2#
70 15.2 11.7 17.5



#38
Carbon Tetrachloride
Concen: 48.333 ug/l
RT: 8.10 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VD067628.D
Acq: 12 Nov 2020 17:30

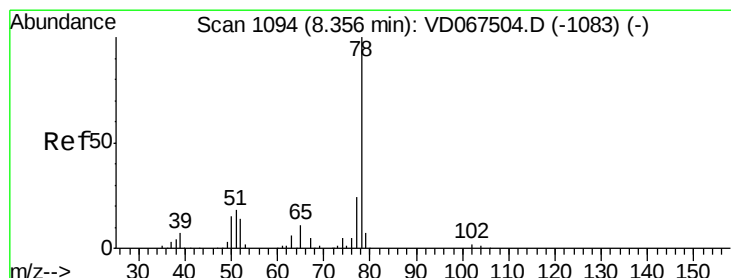
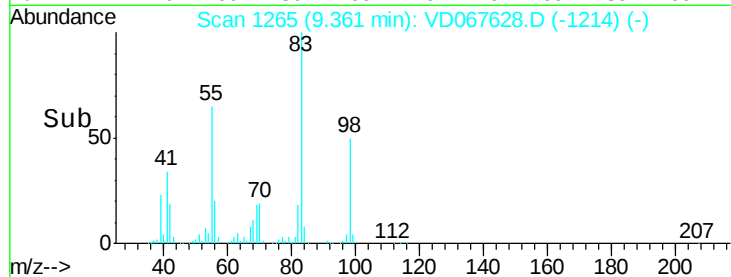
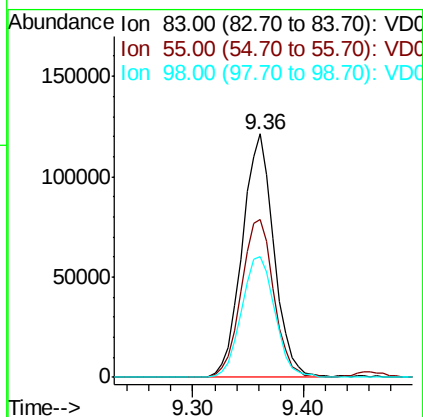
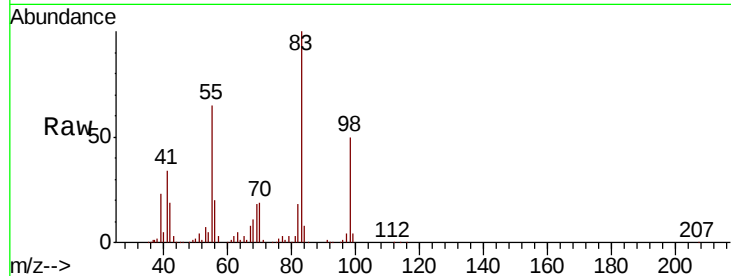
Tgt Ion: 117 Resp: 267592
Ion Ratio Lower Upper
117 100
119 95.4 76.9 115.3
121 30.0 24.5 36.7





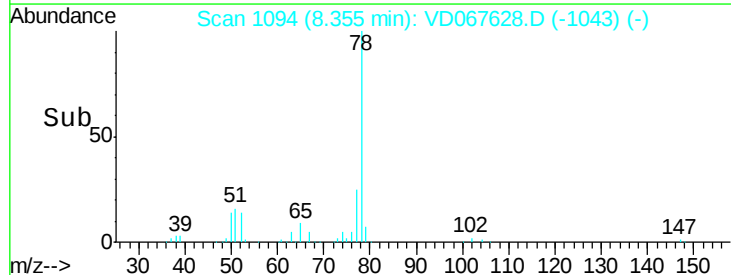
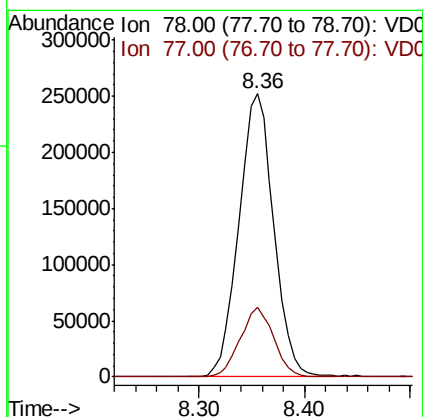
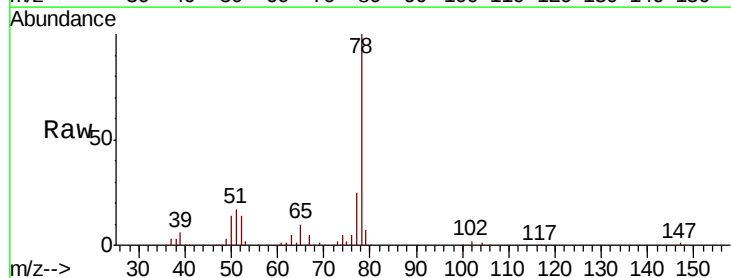
#39
Methvlcvclohexane
Concen: 48.871 ug/l
RT: 9.36 min Scan# 1265
Delta R.T. -0.00 min
Lab File: VD067628.D
Acq: 12 Nov 2020 17:30

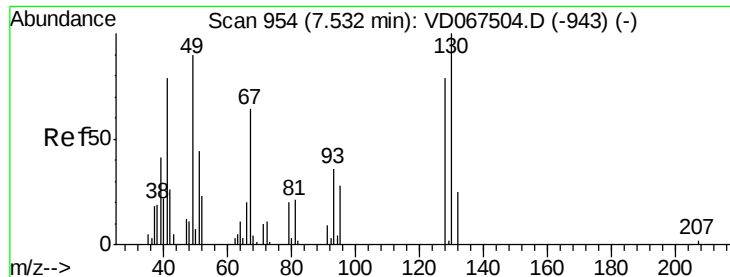
Tot Ion: 83 Resp: 245101
Ion Ratio Lower Upper
83 100
55 65.1 50.5 75.7
98 49.7 43.4 65.0



#40
Benzene
Concen: 49.913 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. -0.00 min
Lab File: VD067628.D
Acq: 12 Nov 2020 17:30

Tgt Ion: 78 Resp: 576124
Ion Ratio Lower Upper
78 100
77 24.6 19.1 28.7





#41

Methacrylonitrile

Concen: 126.140 ug/l

RT: 7.56 min Scan# 959

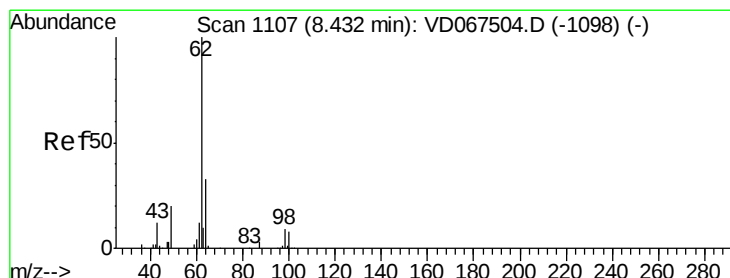
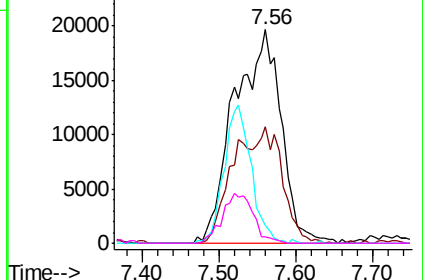
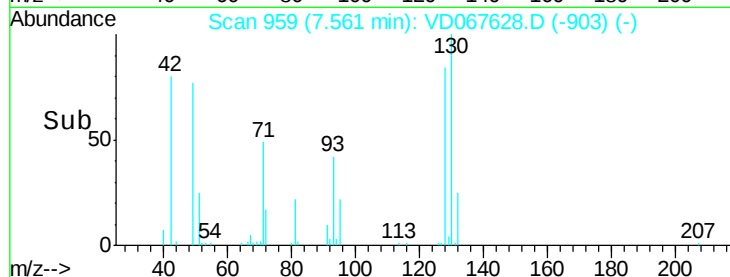
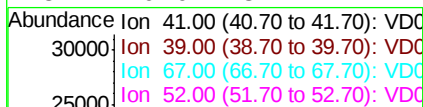
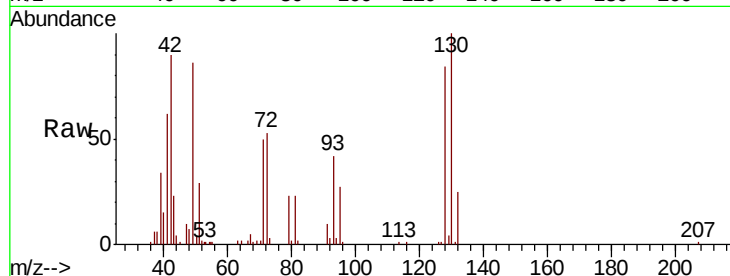
Delta R.T. 0.03 min

Lab File: VD067628.D

Acq: 12 Nov 2020 17:30

Tot Ion: 41 Resp: 83413

Ion	Ratio	Lower	Upper
41	100		
39	0.0	51.3	76.9#
67	0.0	78.9	118.3#
52	0.0	31.4	47.2#



#42

1,2-Dichloroethane

Concen: 50.452 ug/l

RT: 8.43 min Scan# 1107

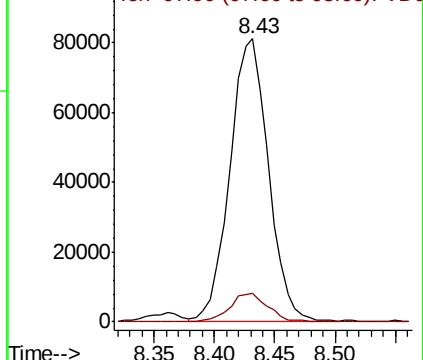
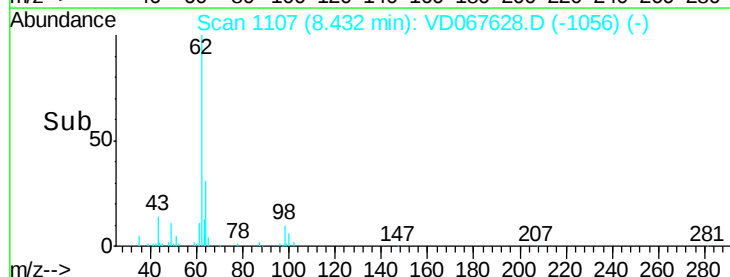
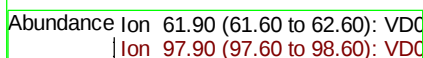
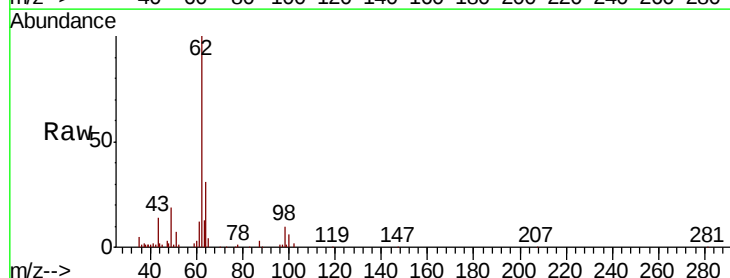
Delta R.T. -0.00 min

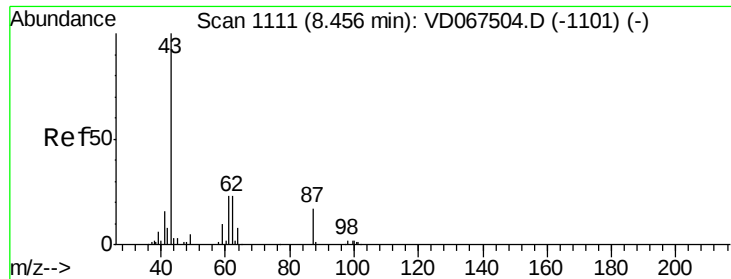
Lab File: VD067628.D

Acq: 12 Nov 2020 17:30

Tgt Ion: 62 Resp: 179924

Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.8





#43

Isopropyl Acetate

Concen: 54.990 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VD067628.D

Acq: 12 Nov 2020 17:30

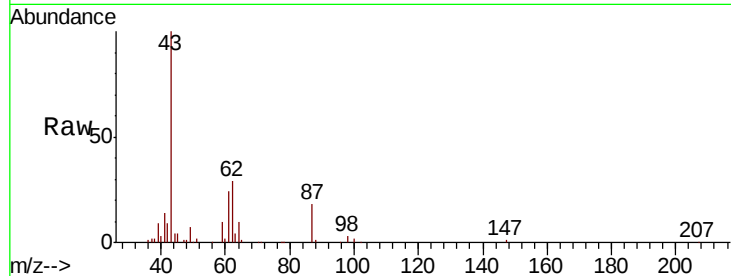
Tot Ion: 43 Resp: 120311

Ion Ratio Lower Upper

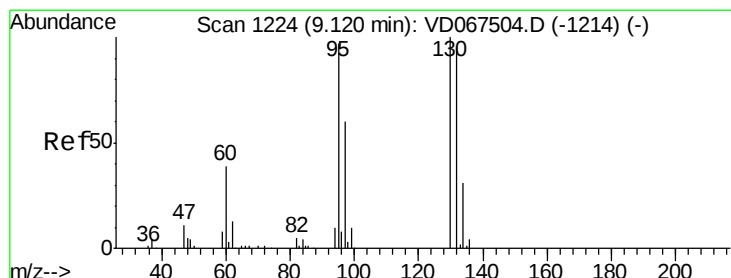
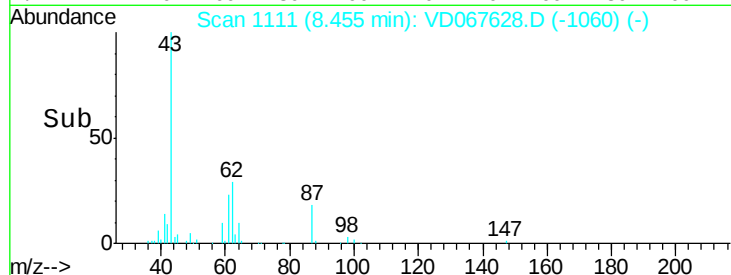
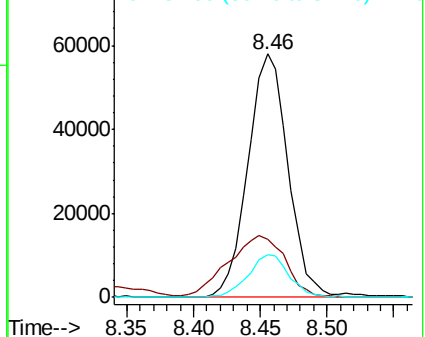
43 100

61 36.4 30.5 45.7

87 17.6 14.7 22.1



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



#44

Trichloroethene

Concen: 48.753 ug/l

RT: 9.11 min Scan# 1223

Delta R.T. -0.01 min

Lab File: VD067628.D

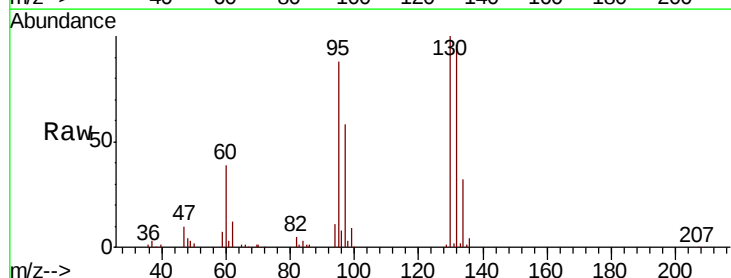
Acq: 12 Nov 2020 17:30

Tgt Ion: 130 Resp: 185029

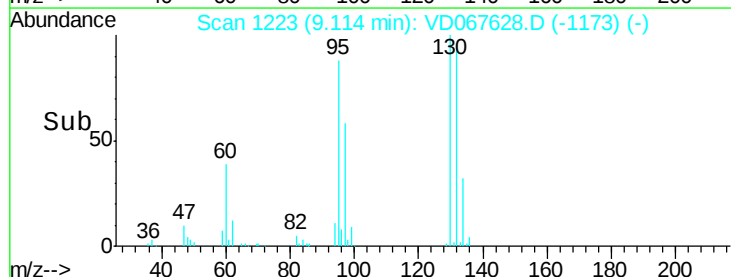
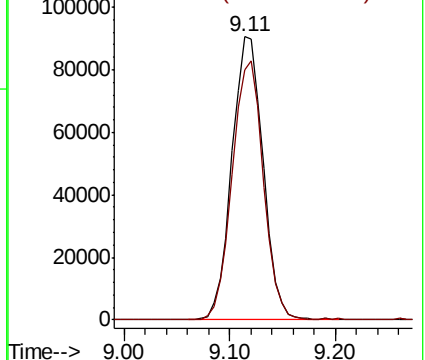
Ion Ratio Lower Upper

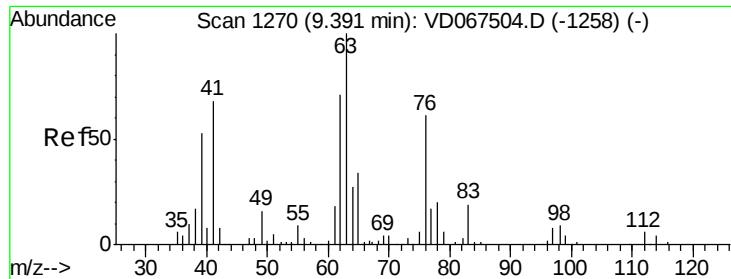
130 100

95 88.4 0.0 194.4



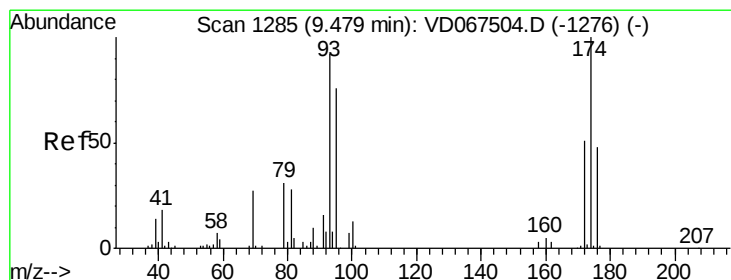
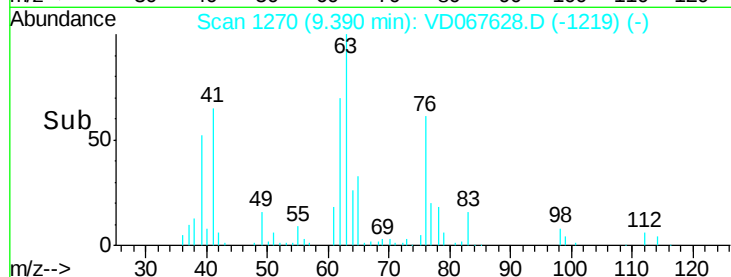
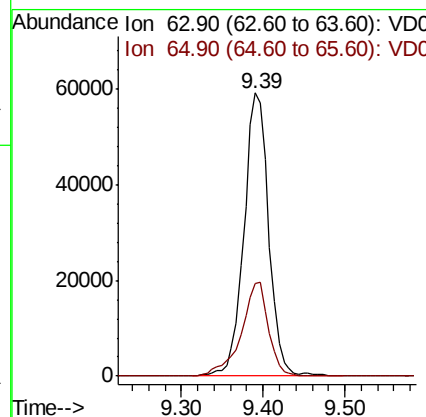
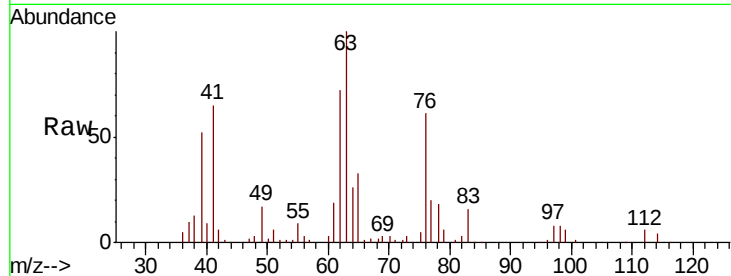
Abundance Ion 129.80 (129.50 to 130.50): VDC
Ion 94.90 (94.60 to 95.60): VDC





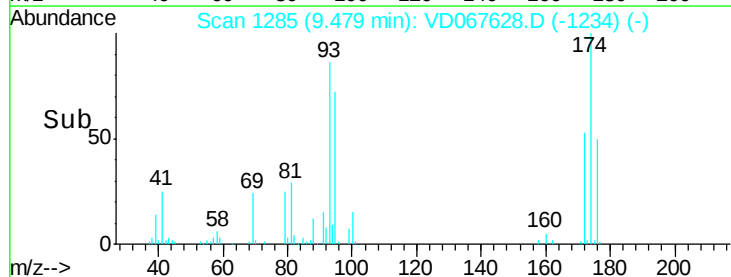
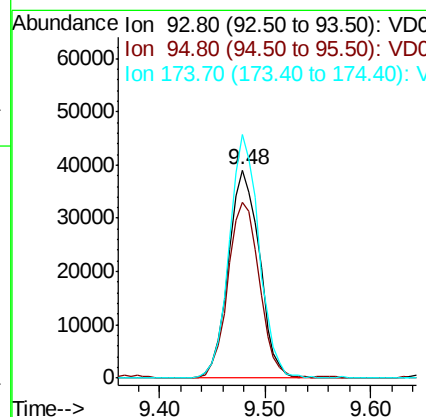
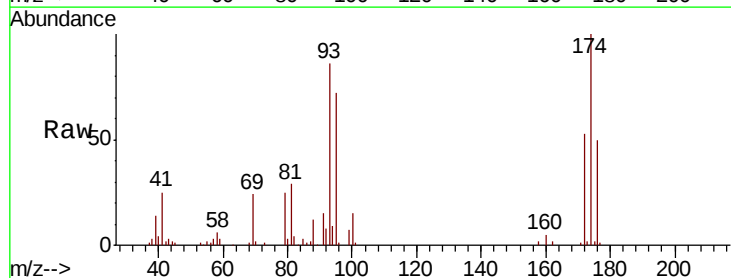
#45
 1,2-Dichloropropane
 Concen: 49.922 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VD067628.D
 Acq: 12 Nov 2020 17:30

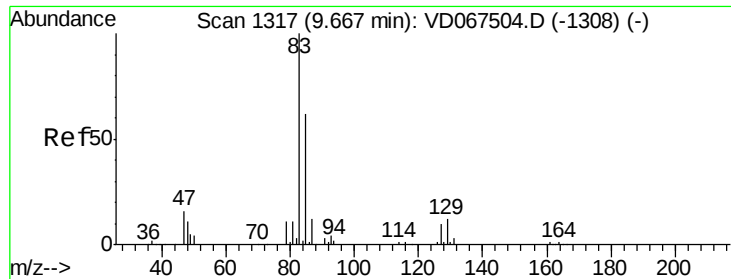
Tot Ion: 63 Resp: 124583
 Ion Ratio Lower Upper
 63 100
 65 32.7 26.9 40.3



#46
 Dibromomethane
 Concen: 50.314 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. -0.00 min
 Lab File: VD067628.D
 Acq: 12 Nov 2020 17:30

Tgt Ion: 93 Resp: 79836
 Ion Ratio Lower Upper
 93 100
 95 85.2 66.4 99.6
 174 111.6 88.2 132.4





#47

Bromodichloromethane

Concen: 50.715 ug/l

RT: 9.67 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VD067628.D

Acq: 12 Nov 2020 17:30

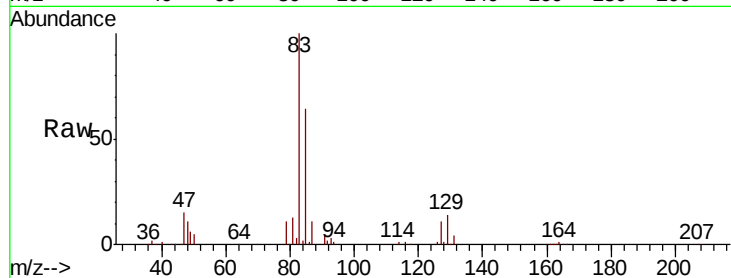
Tot Ion: 83 Resp: 218723

Ion Ratio Lower Upper

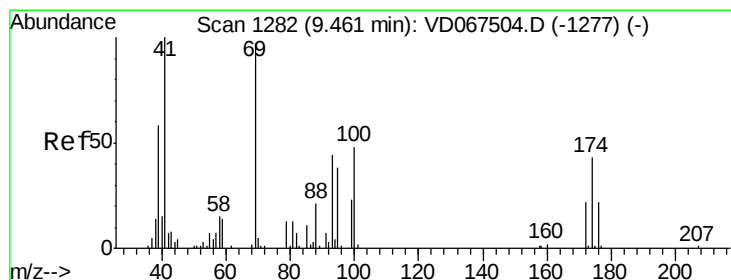
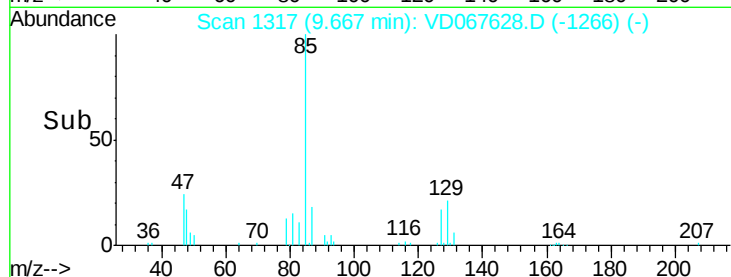
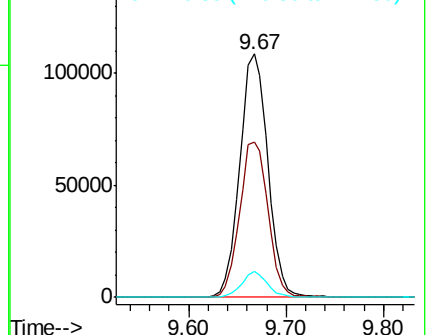
83 100

85 63.6 49.4 74.2

127 10.8 7.7 11.5



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 84.90 (84.60 to 85.60): VDC
Ion 126.80 (126.50 to 127.50): VDC



#48

Methyl methacrylate

Concen: 52.701 ug/l

RT: 9.46 min Scan# 1282

Delta R.T. -0.00 min

Lab File: VD067628.D

Acq: 12 Nov 2020 17:30

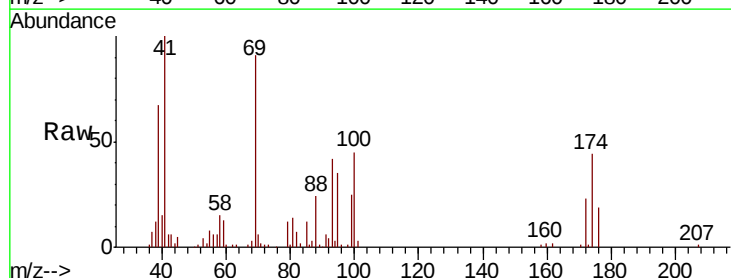
Tgt Ion: 41 Resp: 59533

Ion Ratio Lower Upper

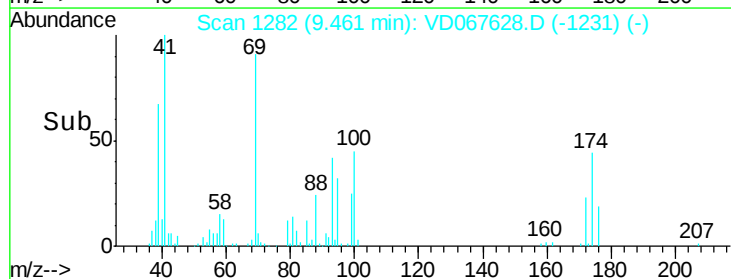
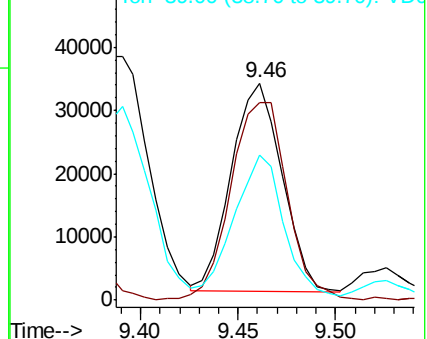
41 100

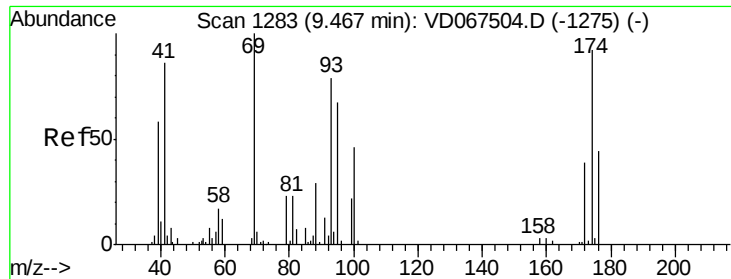
69 105.6 80.6 121.0

39 65.6 50.2 75.4



Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 39.00 (38.70 to 39.70): VDC





#49

1,4-Dioxane

Concen: 1121.231 ug/l

RT: 9.47 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VD067628.D

Acq: 12 Nov 2020 17:30

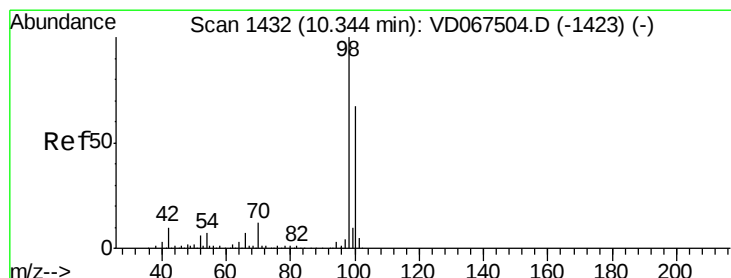
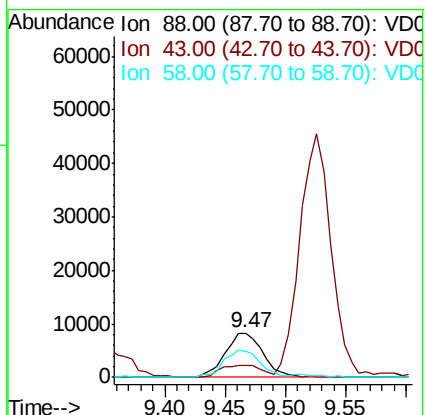
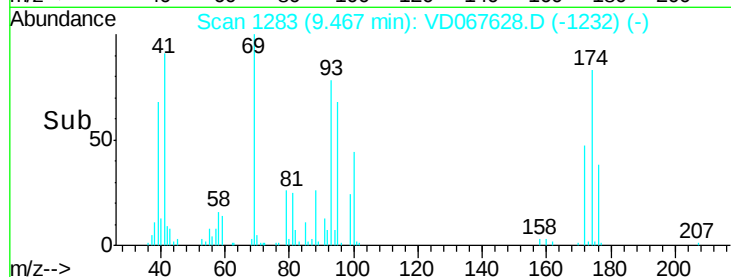
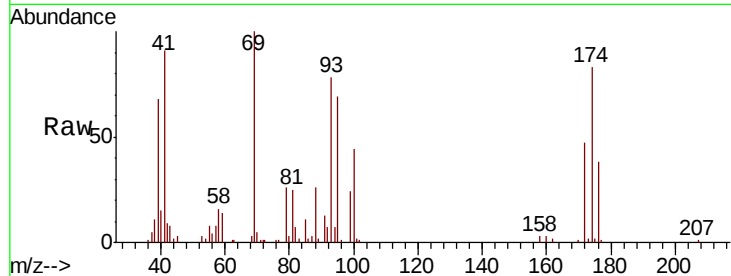
Tot Ion: 88 Resp: 18061

Ion Ratio Lower Upper

88 100

43 31.1 23.6 35.4

58 59.3 44.7 67.1



#50

Toluene-d8

Concen: 46.182 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD067628.D

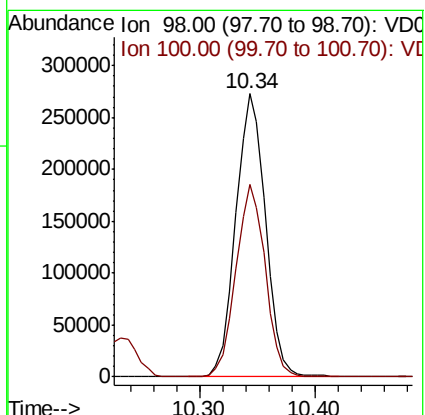
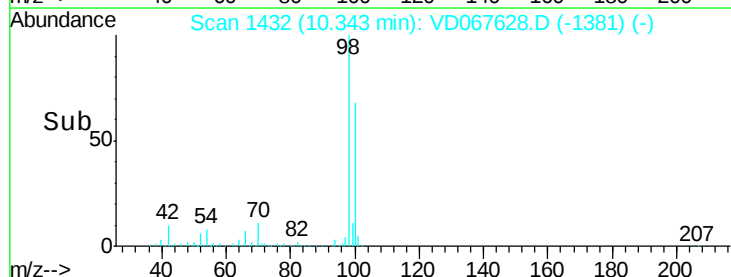
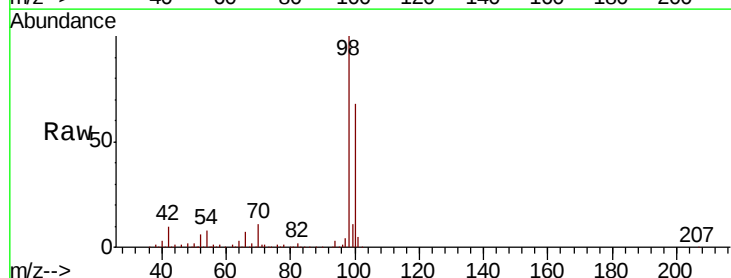
Acq: 12 Nov 2020 17:30

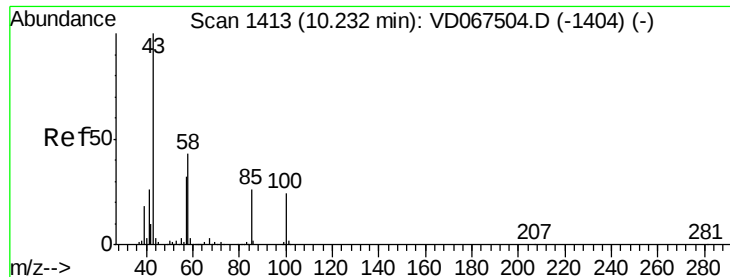
Tgt Ion: 98 Resp: 486770

Ion Ratio Lower Upper

98 100

100 67.2 53.0 79.6





#51

4-Methyl-2-Pentanone

Concen: 283.893 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. -0.00 min

Lab File: VD067628.D

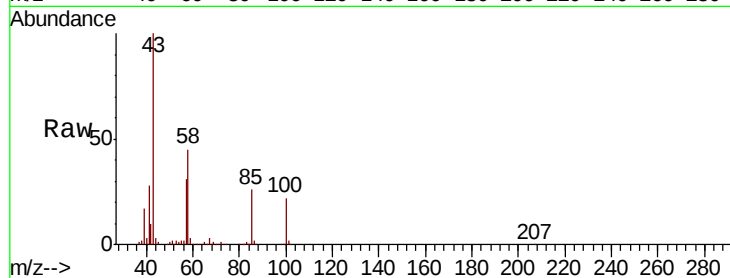
Acq: 12 Nov 2020 17:30

Tot Ion: 43 Resp: 297053

Ion Ratio Lower Upper

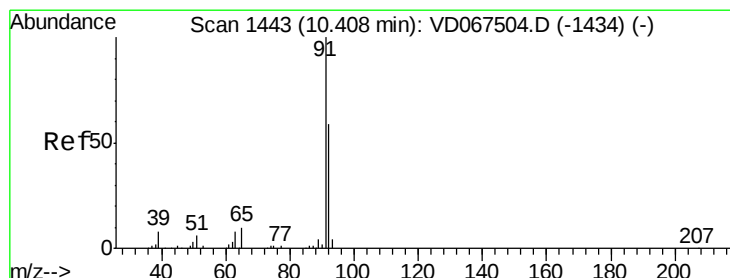
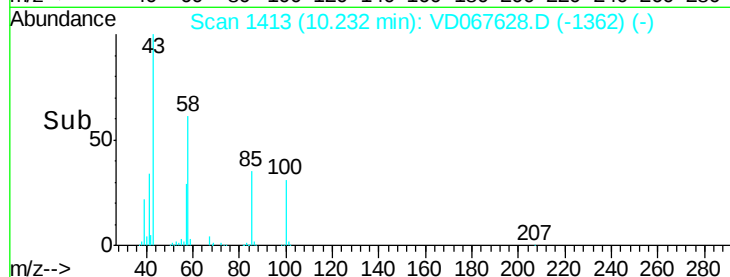
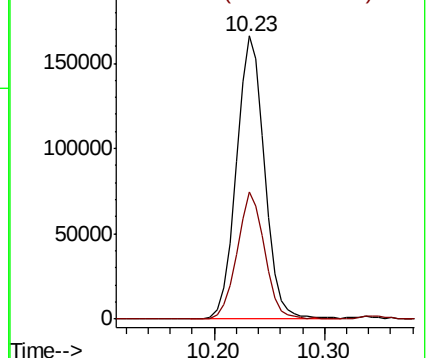
43 100

58 44.0 35.6 53.4



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 54.316 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. -0.00 min

Lab File: VD067628.D

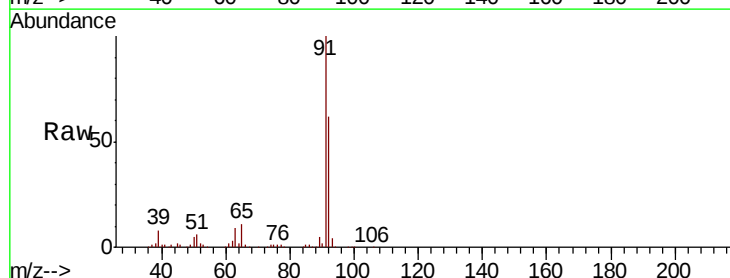
Acq: 12 Nov 2020 17:30

Tgt Ion: 92 Resp: 419925

Ion Ratio Lower Upper

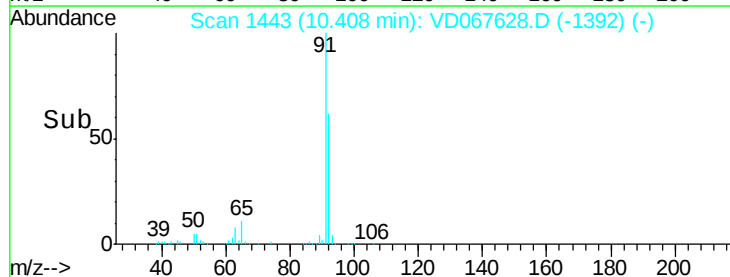
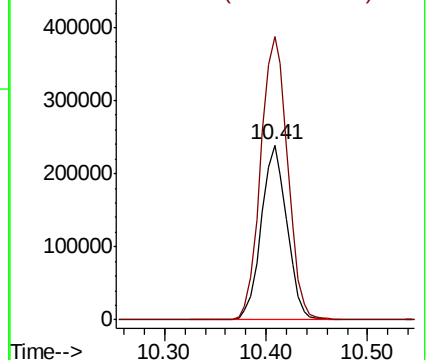
92 100

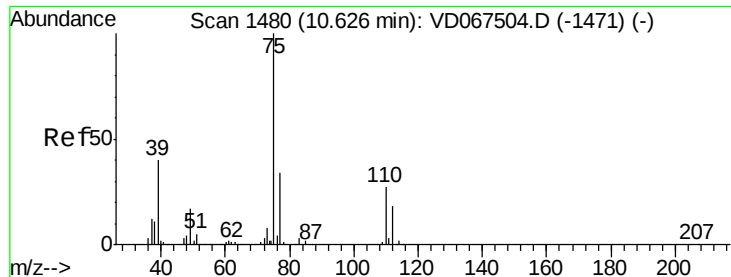
91 170.3 137.0 205.6



Abundance Ion 92.00 (91.70 to 92.70): VDC

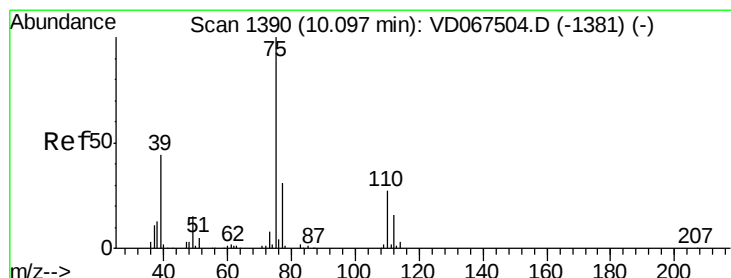
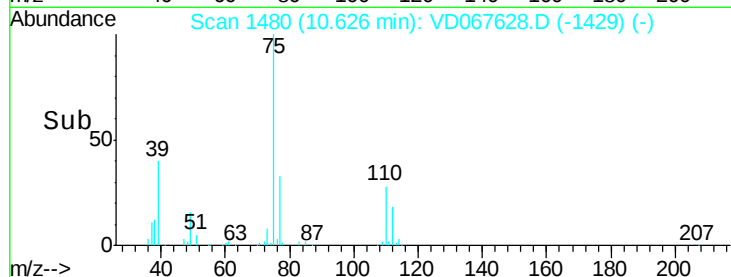
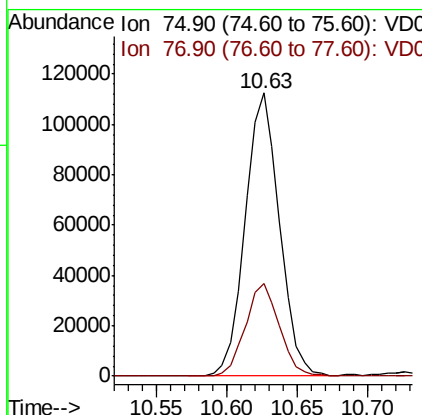
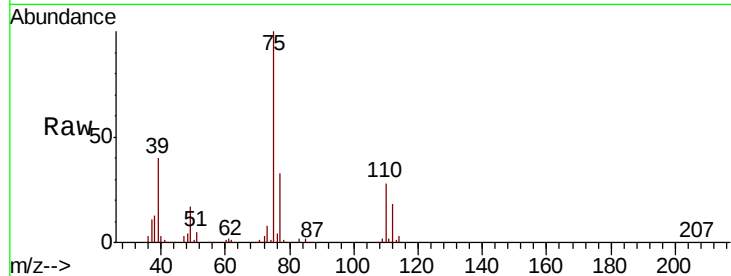
Ion 91.00 (90.70 to 91.70): VDC





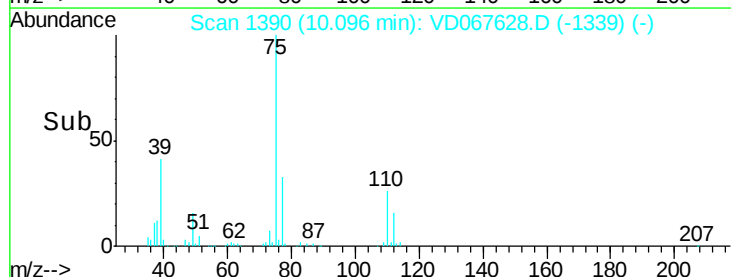
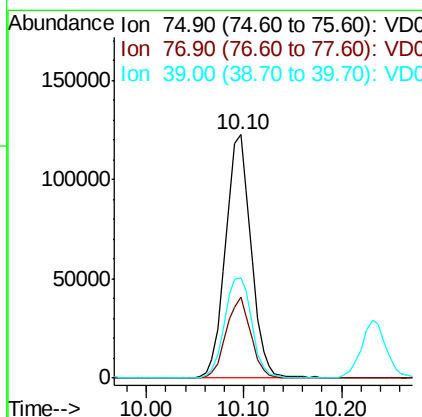
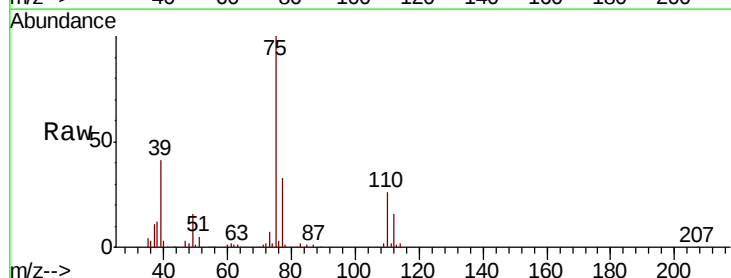
#53
t-1,3-Dichloropropene
Concen: 51.879 ug/l
RT: 10.63 min Scan# 1480
Delta R.T. -0.00 min
Lab File: VD067628.D
Acq: 12 Nov 2020 17:30

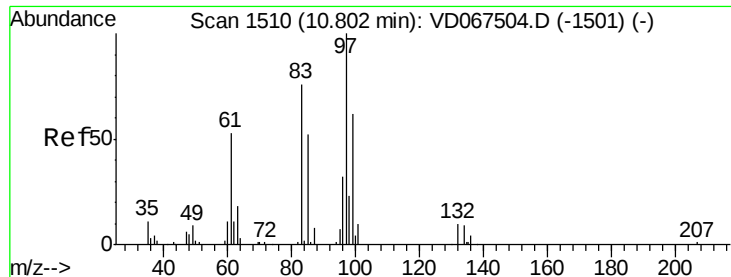
Tot Ion: 75 Resp: 191627
Ion Ratio Lower Upper
75 100
77 32.7 27.0 40.6



#54
cis-1,3-Dichloropropene
Concen: 50.852 ug/l
RT: 10.10 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VD067628.D
Acq: 12 Nov 2020 17:30

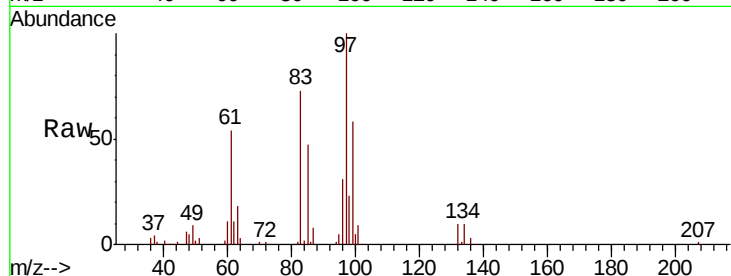
Tgt Ion: 75 Resp: 223168
Ion Ratio Lower Upper
75 100
77 33.4 24.4 36.6
39 41.1 35.6 53.4



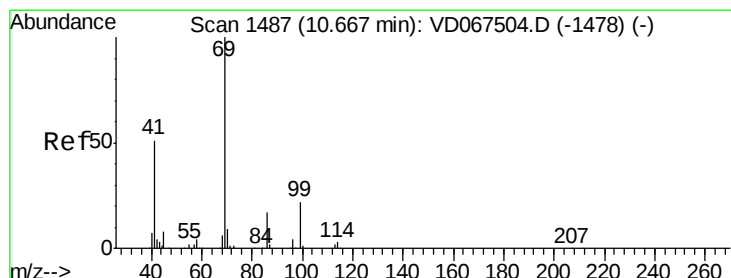
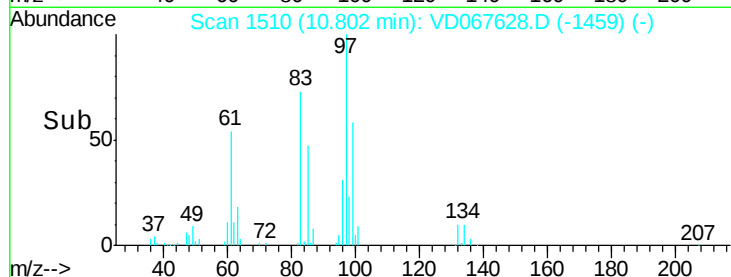
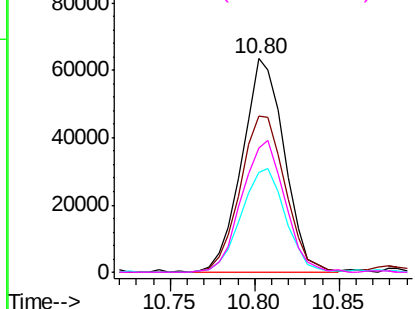


#55
 1,1,2-Trichloroethane
 Concen: 52.888 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD067628.D
 Acq: 12 Nov 2020 17:30

Tot Ion:	97	Resp:	111037
Ion	Ratio	Lower	Upper
97	100		
83	73.2	61.0	91.6
85	47.1	41.5	62.3
99	58.2	49.4	74.2

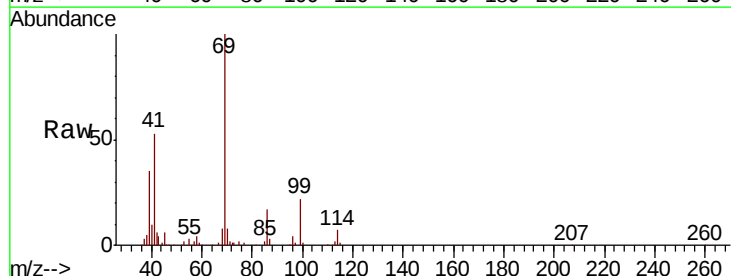


Abundance Ion 96.90 (96.60 to 97.60): VDC
 Ion 82.90 (82.60 to 83.60): VDC
 Ion 84.90 (84.60 to 85.60): VDC
 Ion 98.90 (98.60 to 99.60): VDC

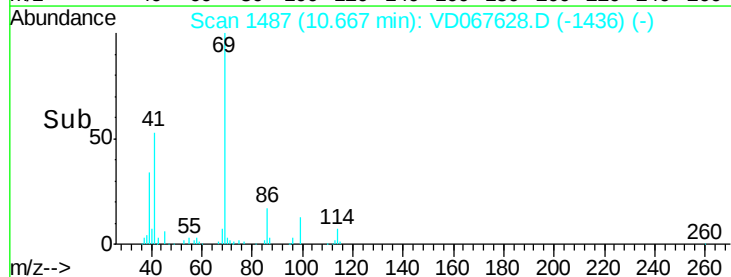
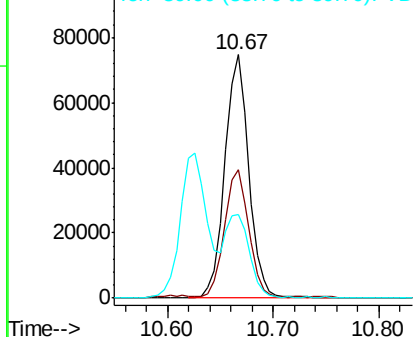


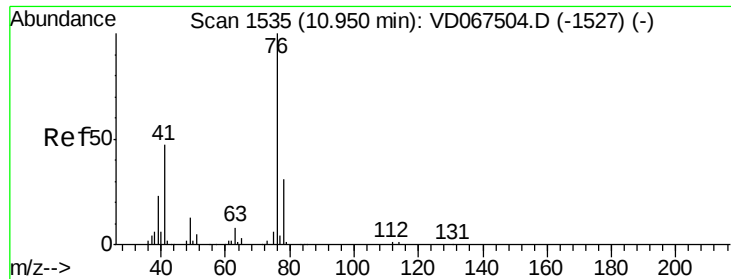
#56
 Ethyl methacrylate
 Concen: 54.019 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VD067628.D
 Acq: 12 Nov 2020 17:30

Tgt Ion:	69	Resp:	117116
Ion	Ratio	Lower	Upper
69	100		
41	53.3	45.4	68.0
39	34.3	27.4	41.0



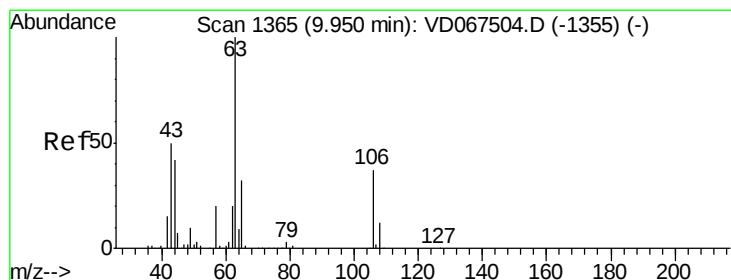
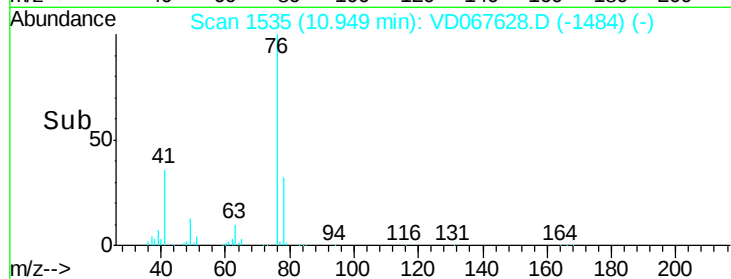
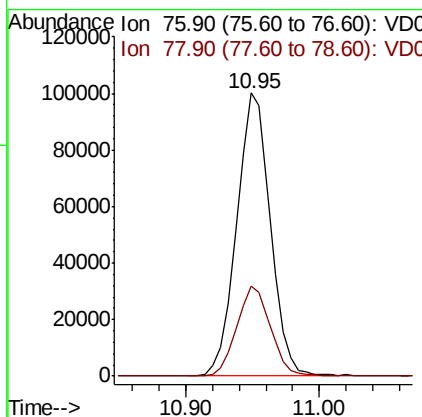
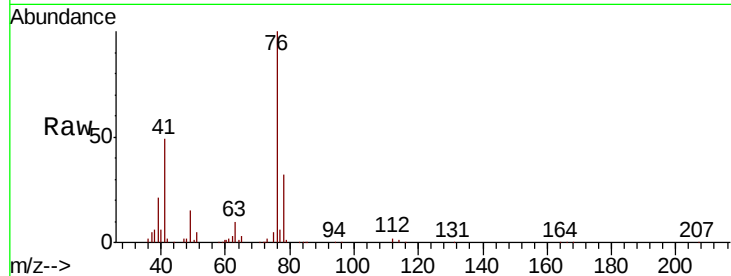
Abundance Ion 69.00 (68.70 to 69.70): VDC
 Ion 41.00 (40.70 to 41.70): VDC
 Ion 39.00 (38.70 to 39.70): VDC





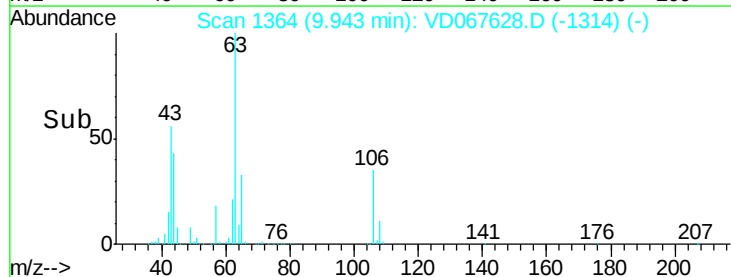
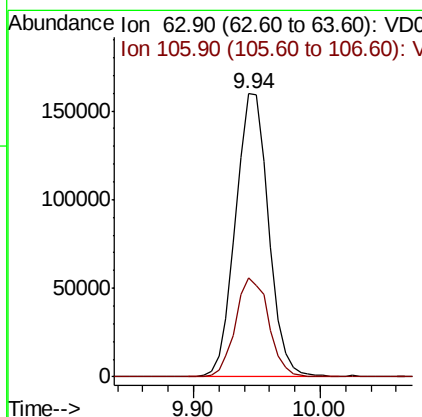
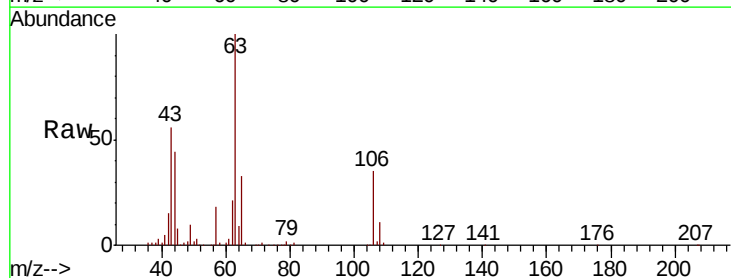
#57
 1,3-Dichloropropane
 Concen: 51.506 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VD067628.D
 Acq: 12 Nov 2020 17:30

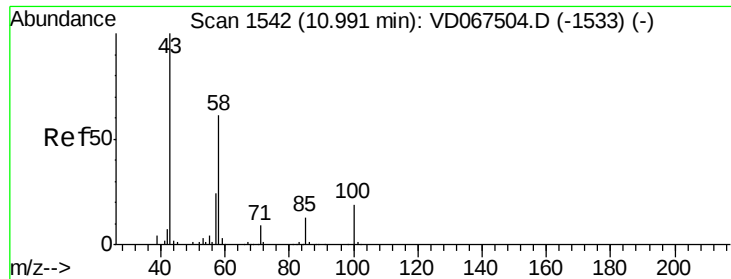
Tot Ion: 76 Resp: 174010
 Ion Ratio Lower Upper
 76 100
 78 32.0 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 285.683 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.01 min
 Lab File: VD067628.D
 Acq: 12 Nov 2020 17:30

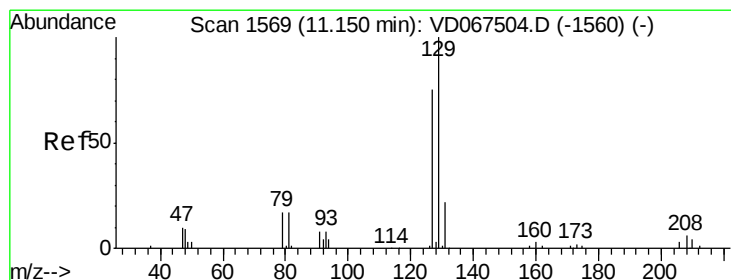
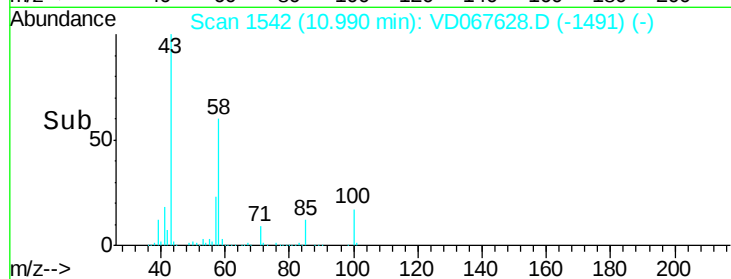
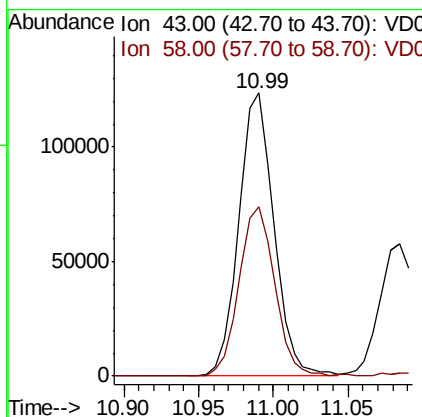
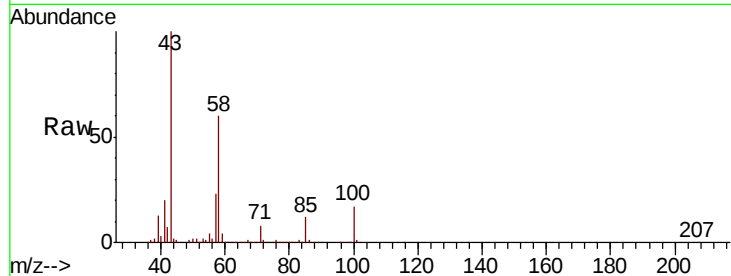
Tgt Ion: 63 Resp: 288832
 Ion Ratio Lower Upper
 63 100
 106 35.3 29.2 43.8





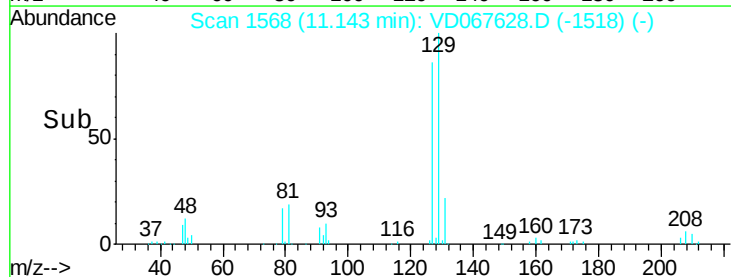
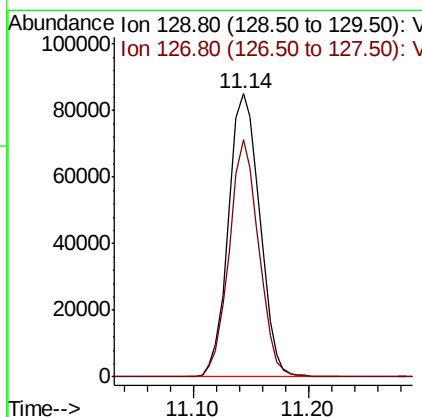
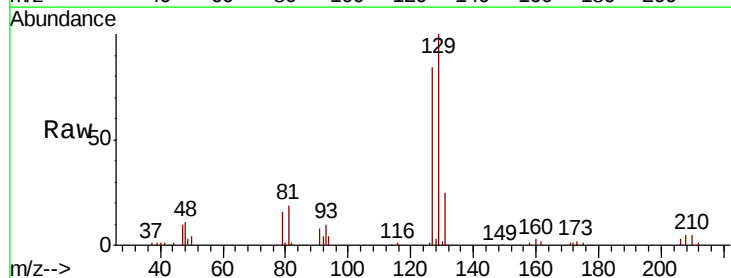
#59
2-Hexanone
Concen: 276.034 ug/l
RT: 10.99 min Scan# 1542
Delta R.T. -0.00 min
Lab File: VD067628.D
Acq: 12 Nov 2020 17:30

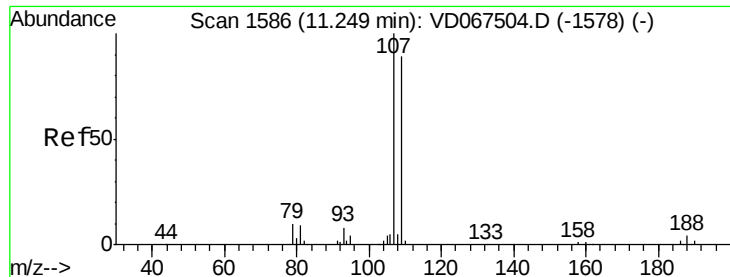
Tot Ion: 43 Resp: 201950
Ion Ratio Lower Upper
43 100
58 61.2 30.3 90.9



#60
Dibromochloromethane
Concen: 51.682 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.01 min
Lab File: VD067628.D
Acq: 12 Nov 2020 17:30

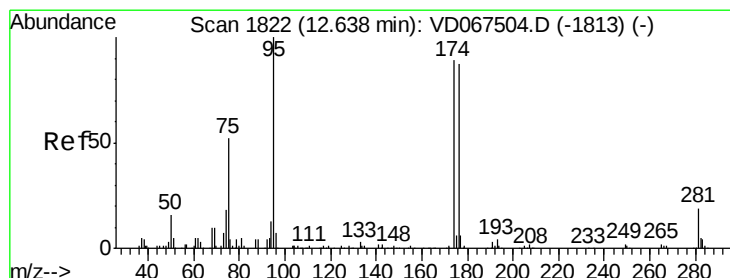
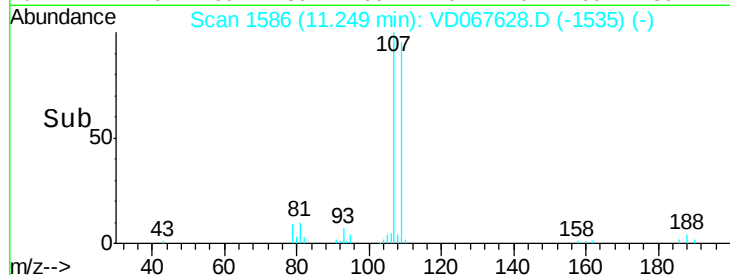
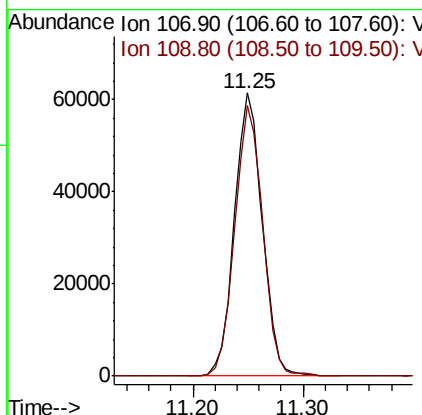
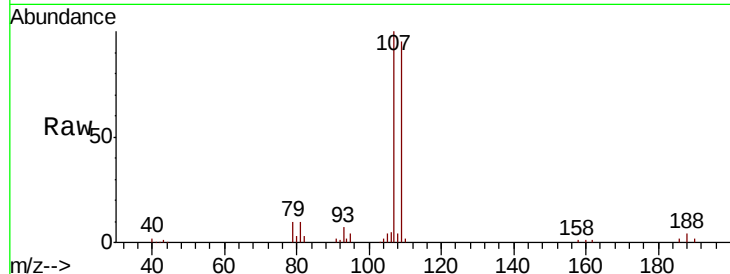
Tgt Ion: 129 Resp: 160508
Ion Ratio Lower Upper
129 100
127 79.0 38.0 114.1





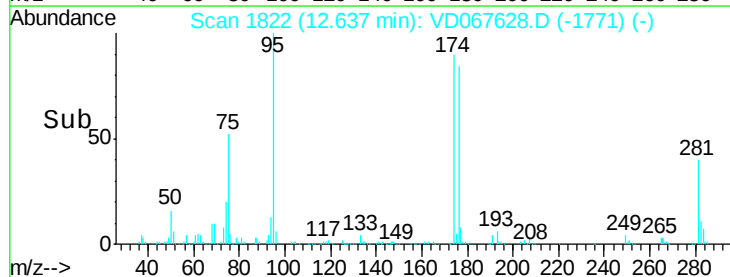
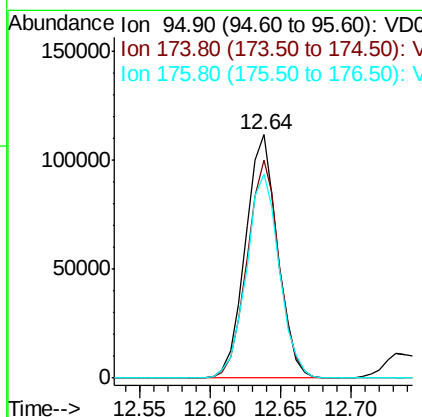
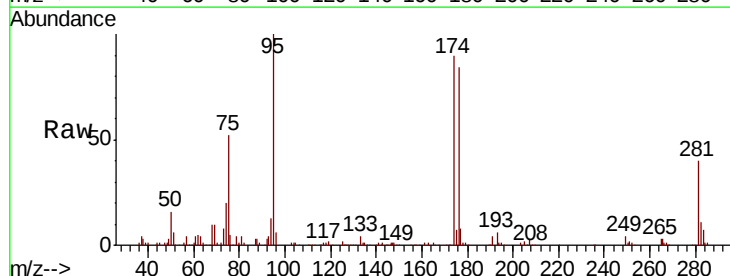
#61
 1,2-Dibromoethane
 Concen: 51.841 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD067628.D
 Acq: 12 Nov 2020 17:30

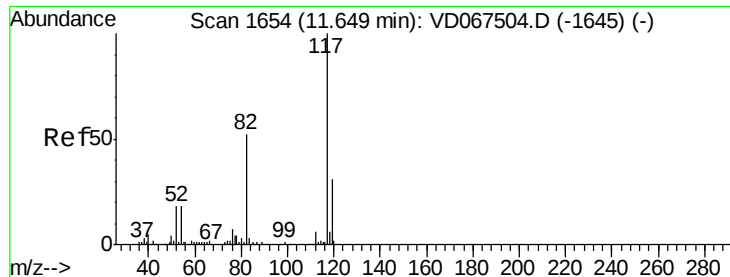
Tot Ion: 107 Resp: 109235
 Ion Ratio Lower Upper
 107 100
 109 95.9 74.6 111.8



#62
 4-Bromofluorobenzene
 Concen: 48.986 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD067628.D
 Acq: 12 Nov 2020 17:30

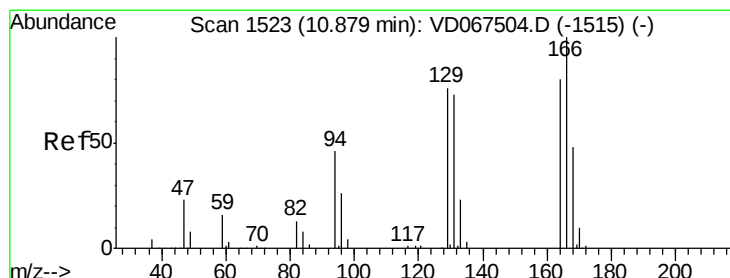
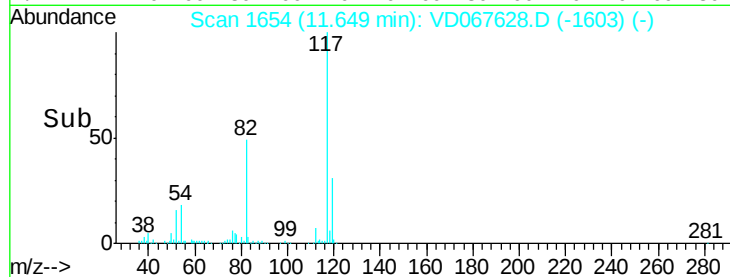
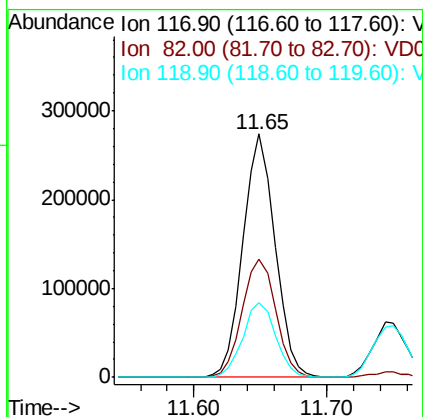
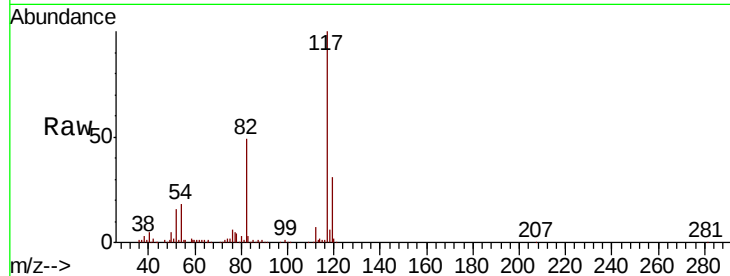
Tgt Ion: 95 Resp: 178258
 Ion Ratio Lower Upper
 95 100
 174 90.0 0.0 177.8
 176 85.8 0.0 172.0





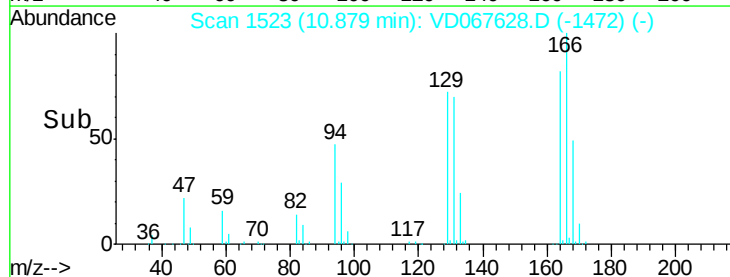
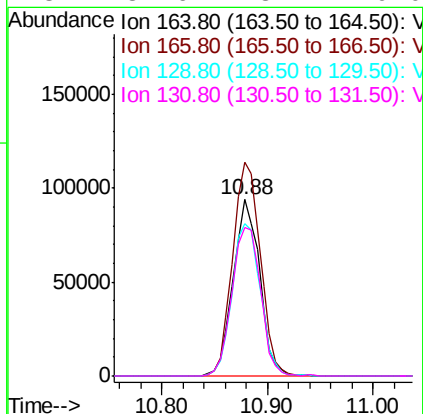
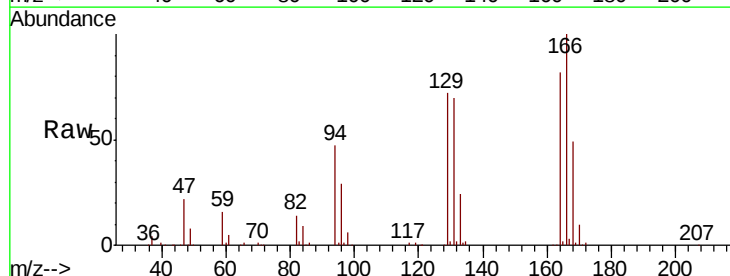
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD067628.D
Acq: 12 Nov 2020 17:30

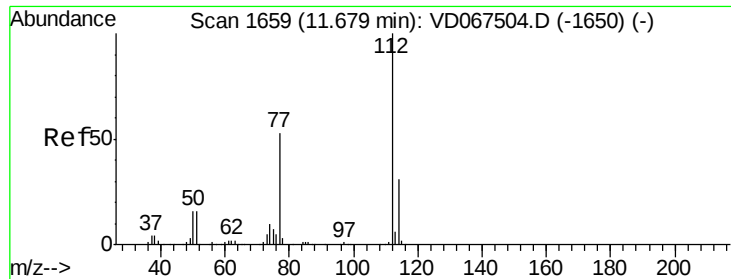
Tot Ion:117 Resp: 455503
Ion Ratio Lower Upper
117 100
82 48.7 41.6 62.4
119 30.7 25.1 37.7



#64
Tetrachloroethene
Concen: 48.269 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD067628.D
Acq: 12 Nov 2020 17:30

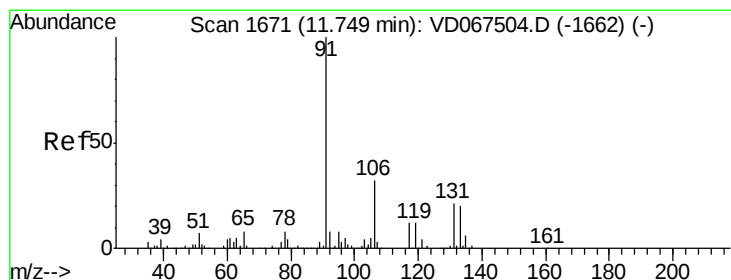
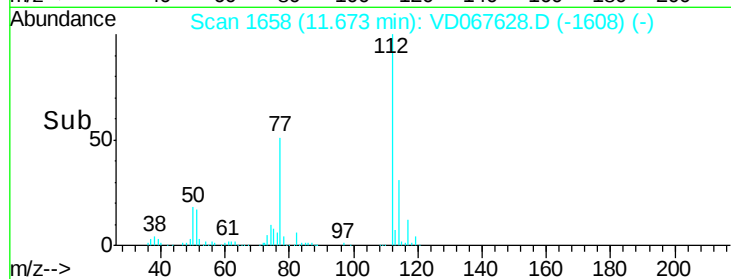
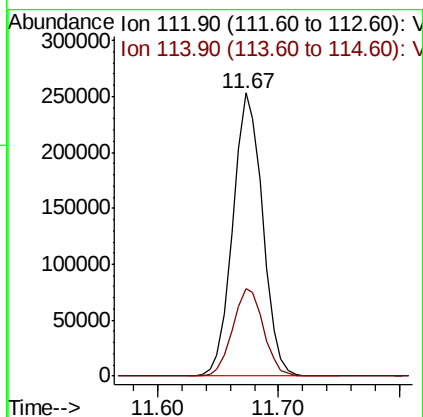
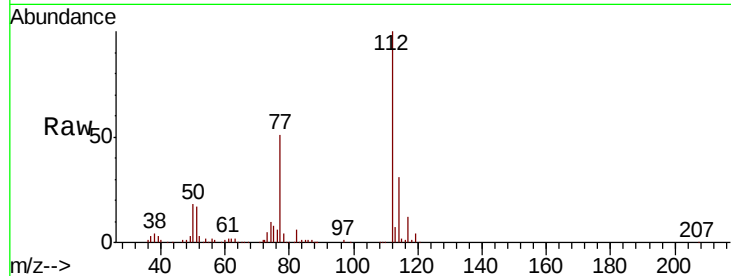
Tgt Ion:164 Resp: 162833
Ion Ratio Lower Upper
164 100
166 121.3 99.9 149.9
129 86.8 75.5 113.3
131 84.6 73.4 110.0





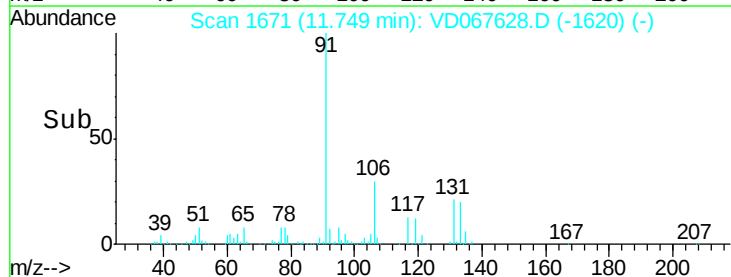
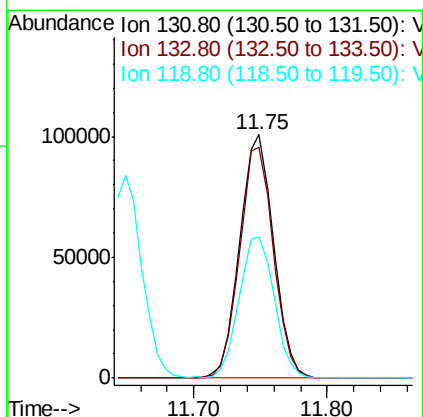
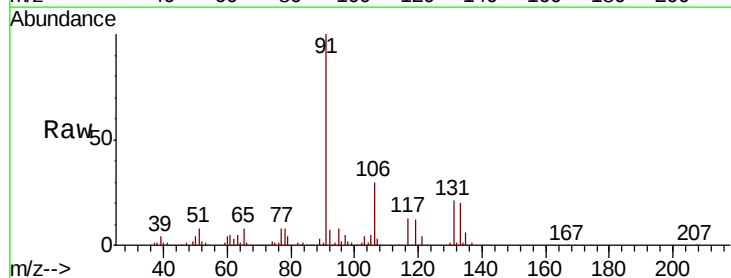
#65
Chlorobenzene
Concen: 49.594 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.01 min
Lab File: VD067628.D
Acq: 12 Nov 2020 17:30

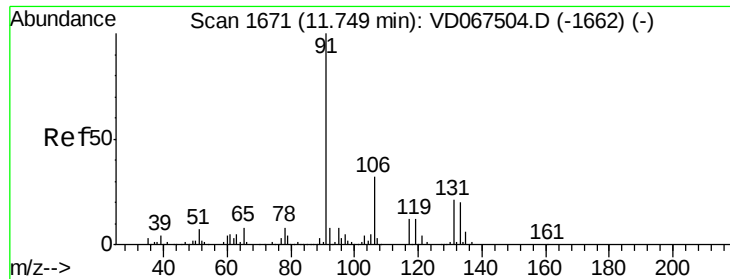
Tot Ion:112 Resp: 435148
Ion Ratio Lower Upper
112 100
114 30.8 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 51.047 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. -0.00 min
Lab File: VD067628.D
Acq: 12 Nov 2020 17:30

Tgt Ion:131 Resp: 176531
Ion Ratio Lower Upper
131 100
133 95.2 48.0 144.0
119 60.3 30.1 90.5





#67

Ethyl Benzene

Concen: 50.901 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD067628.D

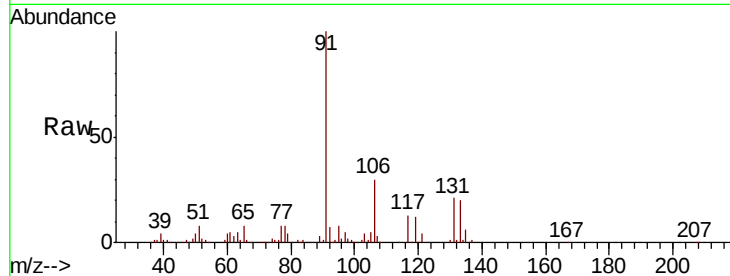
Acq: 12 Nov 2020 17:30

Tot Ion: 91 Resp: 764255

Ion Ratio Lower Upper

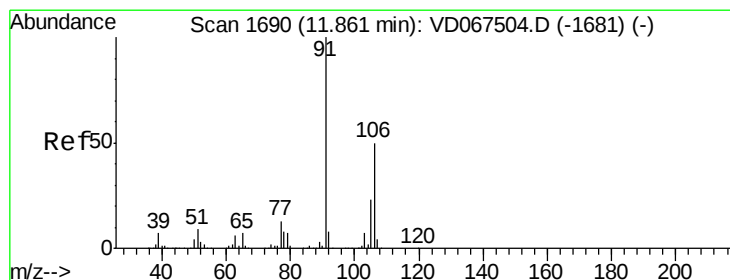
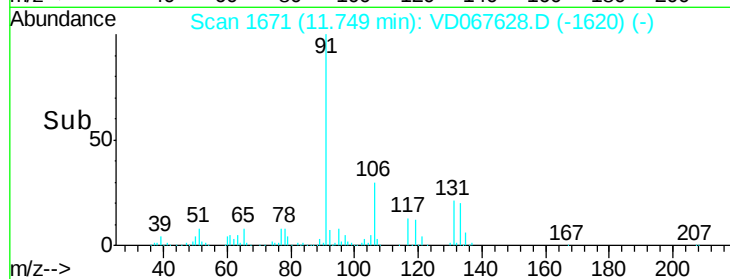
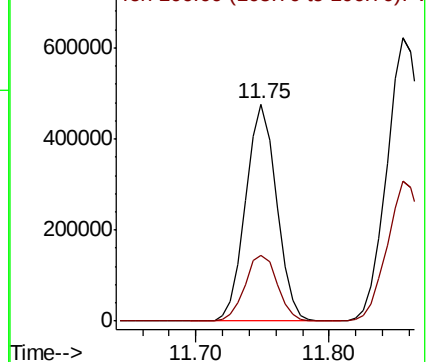
91 100

106 30.5 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 100.662 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.01 min

Lab File: VD067628.D

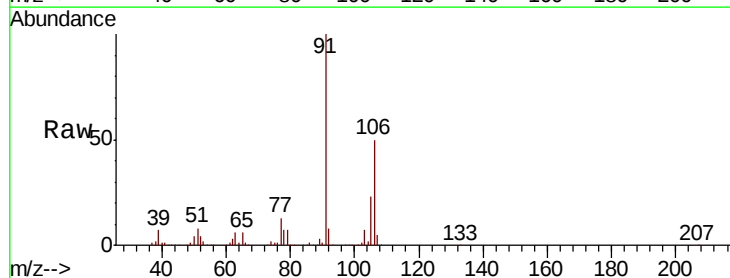
Acq: 12 Nov 2020 17:30

Tgt Ion: 106 Resp: 587993

Ion Ratio Lower Upper

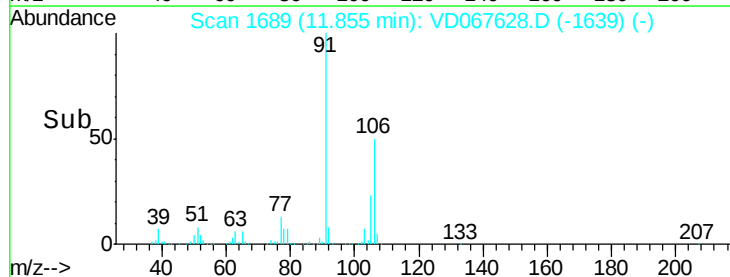
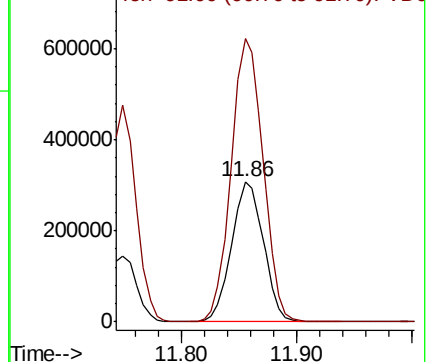
106 100

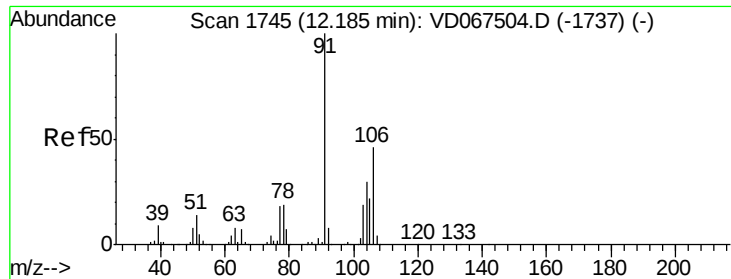
91 202.4 162.6 244.0



Abundance Ion 106.00 (105.70 to 106.70): V

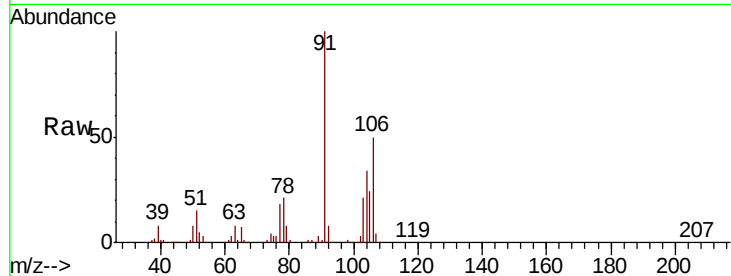
Ion 91.00 (90.70 to 91.70): VDC



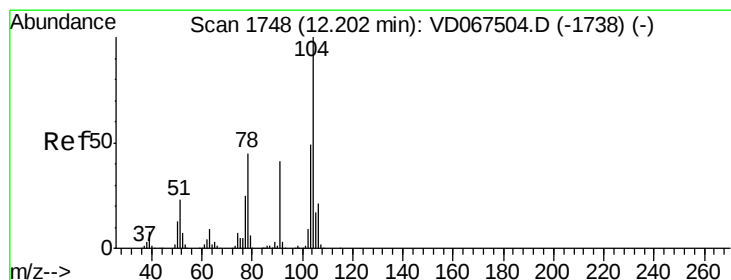
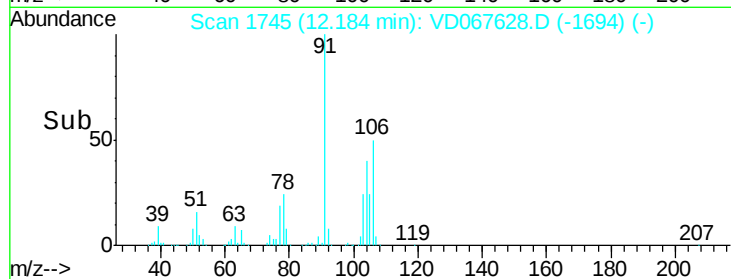
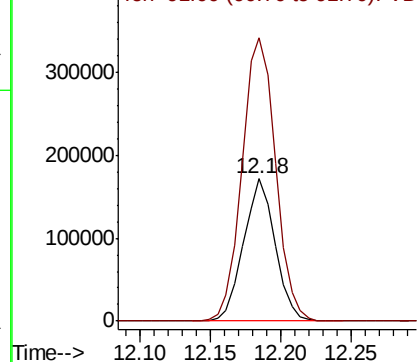


#69
o-Xylene
Concen: 51.398 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD067628.D
Acq: 12 Nov 2020 17:30

Tot Ion:106 Resp: 268051
Ion Ratio Lower Upper
106 100
91 212.0 107.1 321.1

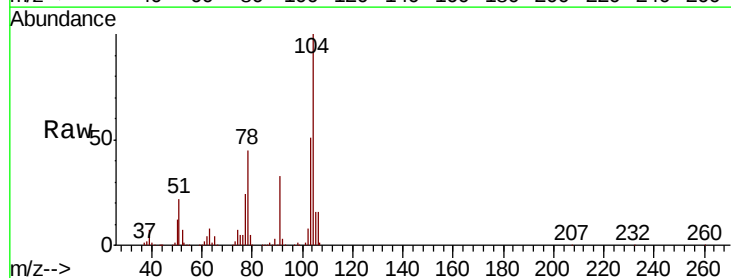


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

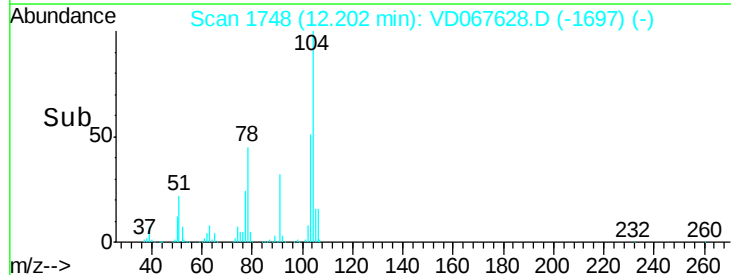
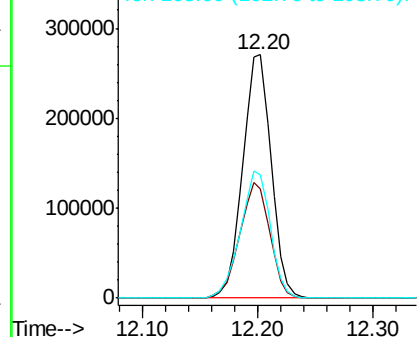


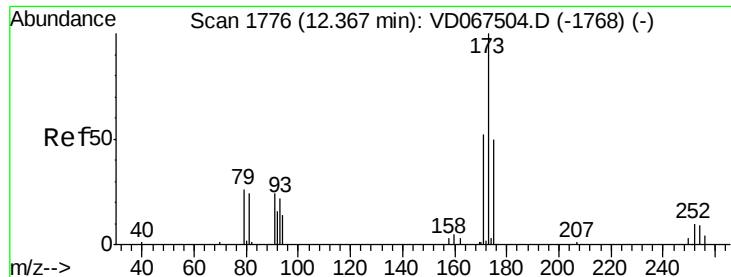
#70
Styrene
Concen: 50.935 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VD067628.D
Acq: 12 Nov 2020 17:30

Tgt Ion:104 Resp: 462881
Ion Ratio Lower Upper
104 100
78 50.2 39.8 59.8
103 54.9 43.9 65.9



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 53.740 ug/l

RT: 12.37 min Scan# 1776

Delta R.T. -0.00 min

Lab File: VD067628.D

Acq: 12 Nov 2020 17:30

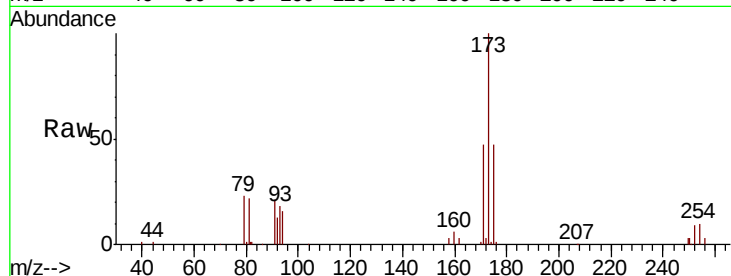
Tot Ion:173 Resp: 94783

Ion Ratio Lower Upper

173 100

175 48.2 24.1 72.2

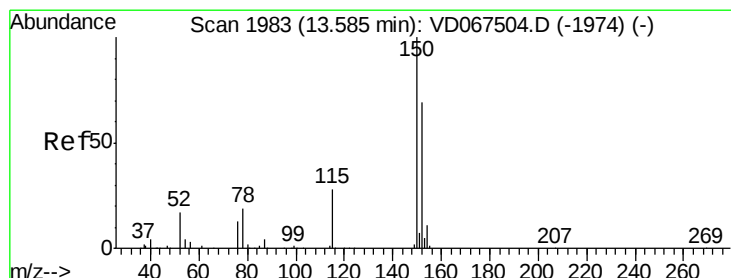
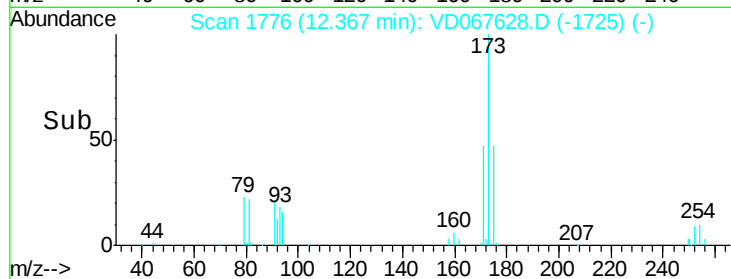
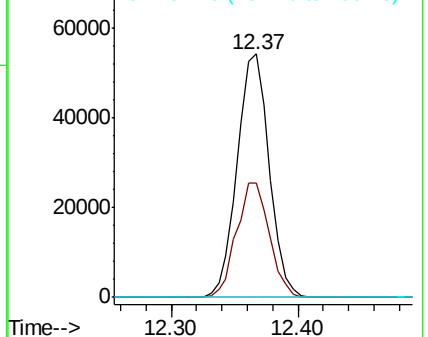
254 0.0 0.0 0.0



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.01 min

Lab File: VD067628.D

Acq: 12 Nov 2020 17:30

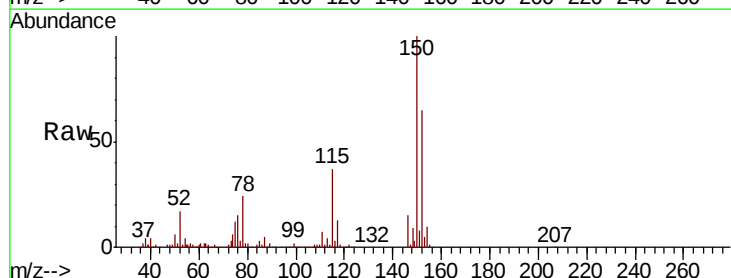
Tgt Ion:152 Resp: 228494

Ion Ratio Lower Upper

152 100

115 59.6 29.3 88.0

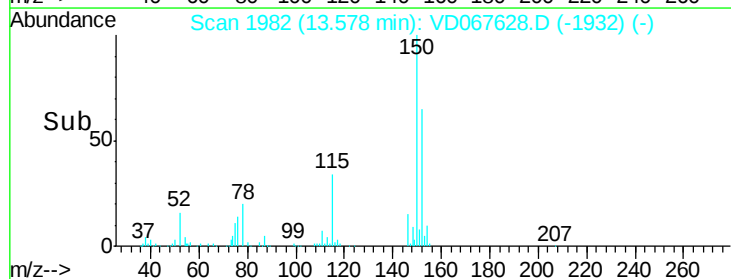
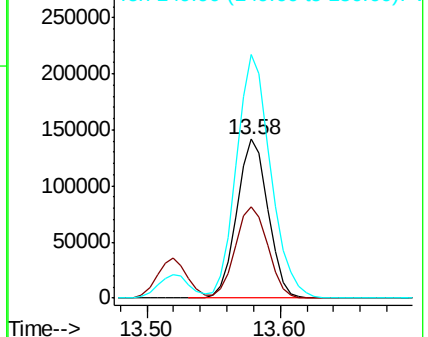
150 168.6 0.0 338.2

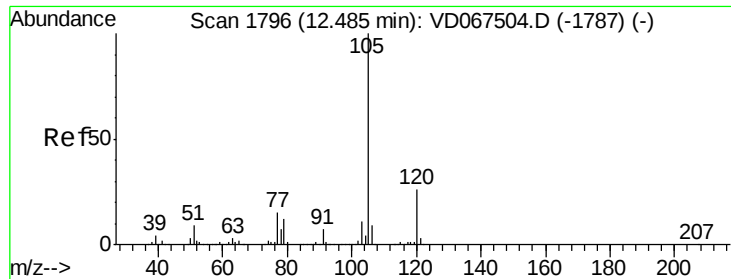


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

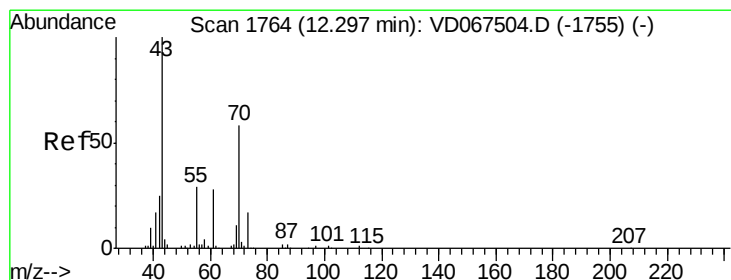
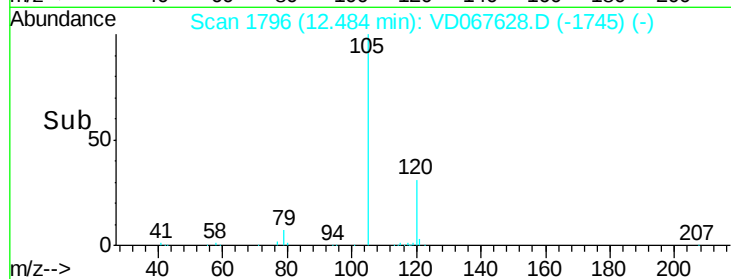
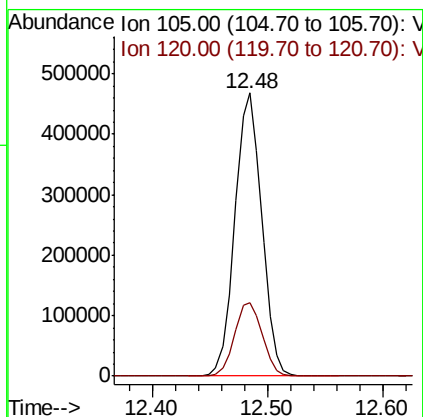
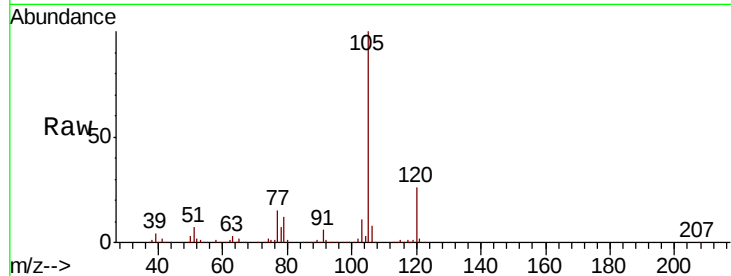
Ion 149.90 (149.60 to 150.60): V





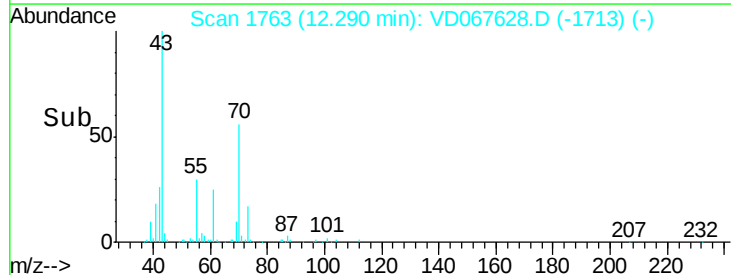
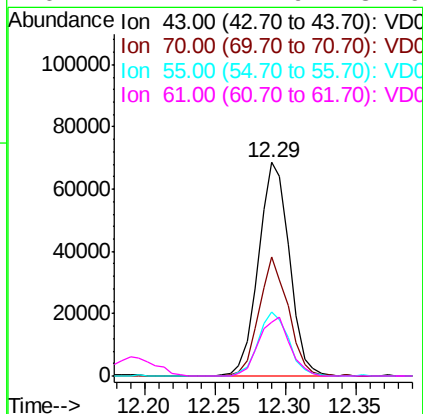
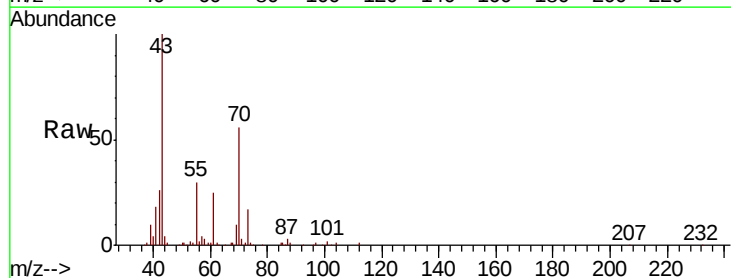
#73
Isopropylbenzene
Concen: 50.871 ug/l
RT: 12.48 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VD067628.D
Acq: 12 Nov 2020 17:30

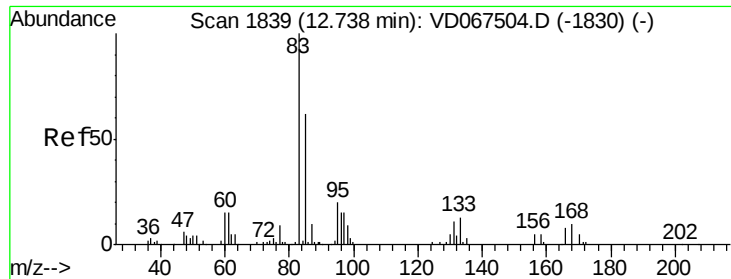
Tot Ion:105 Resp: 751221
Ion Ratio Lower Upper
105 100
120 27.0 13.2 39.6



#74
N-ethyl acetate
Concen: 54.605 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. -0.01 min
Lab File: VD067628.D
Acq: 12 Nov 2020 17:30

Tgt Ion: 43 Resp: 106105
Ion Ratio Lower Upper
43 100
70 52.8 42.6 64.0
55 29.6 23.7 35.5
61 27.7 21.9 32.9





#75

1,1,2,2-Tetrachloroethane

Concen: 53.264 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD067628.D

Acq: 12 Nov 2020 17:30

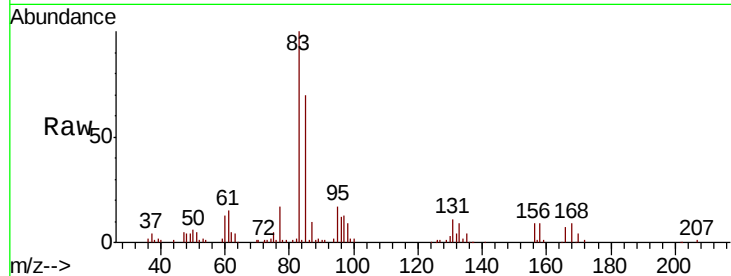
Tot Ion: 83 Resp: 107256

Ion Ratio Lower Upper

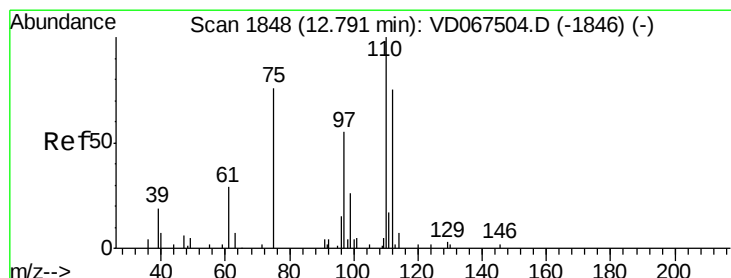
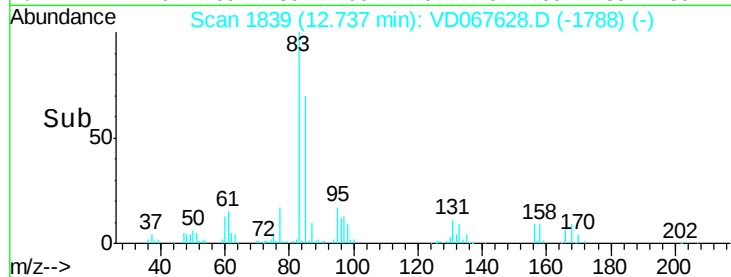
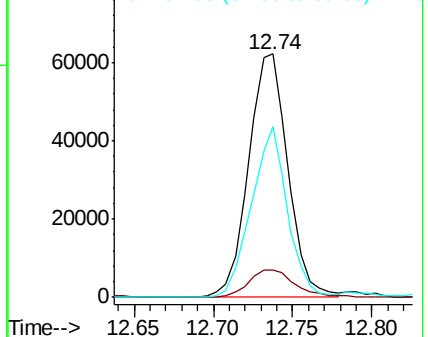
83 100

131 13.3 7.1 21.3

85 64.5 32.9 98.7



Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 130.80 (130.50 to 131.50): VDC
Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 107.811 ug/l

RT: 12.78 min Scan# 1847

Delta R.T. -0.01 min

Lab File: VD067628.D

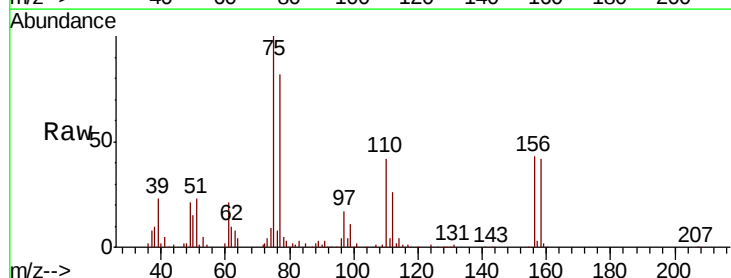
Acq: 12 Nov 2020 17:30

Tgt Ion: 75 Resp: 148607

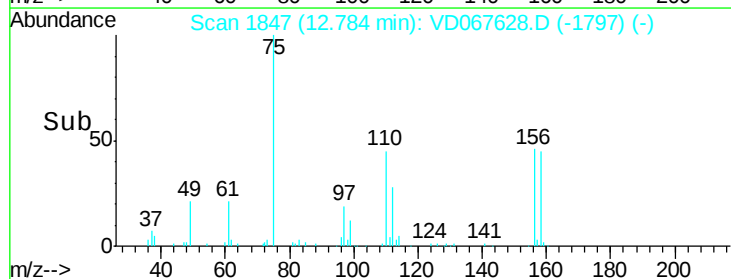
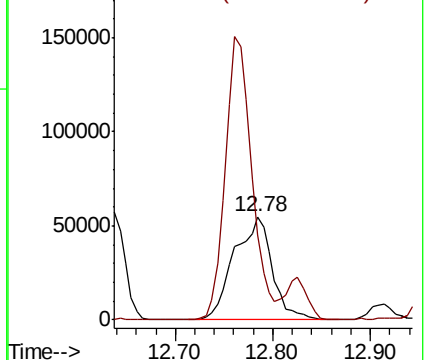
Ion Ratio Lower Upper

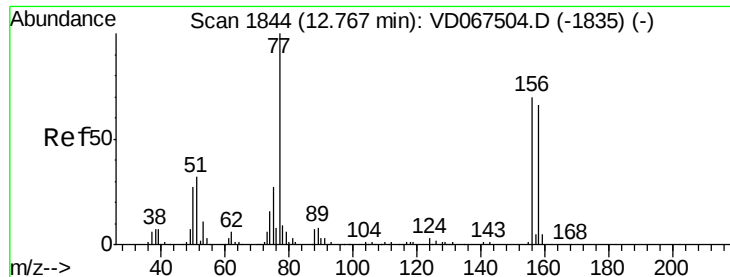
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 50.808 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VD067628.D

Acq: 12 Nov 2020 17:30

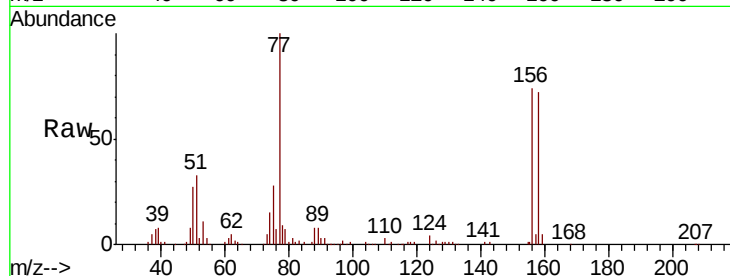
Tot Ion:156 Resp: 184262

Ion Ratio Lower Upper

156 100

77 153.9 77.8 233.5

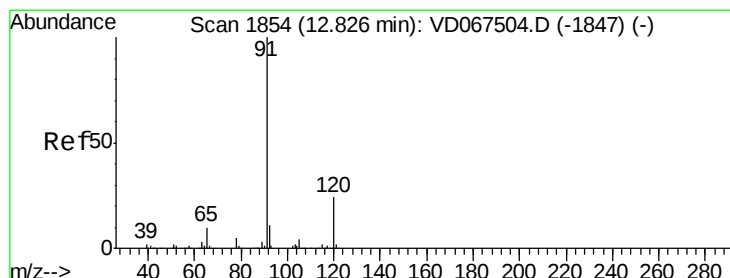
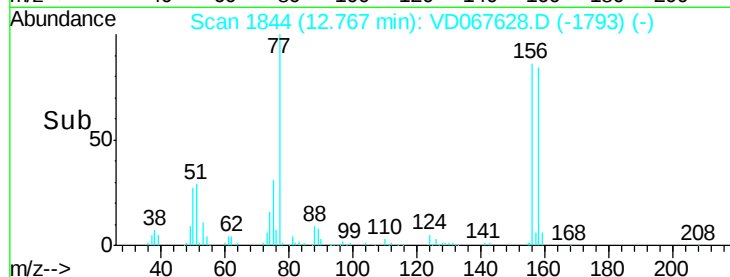
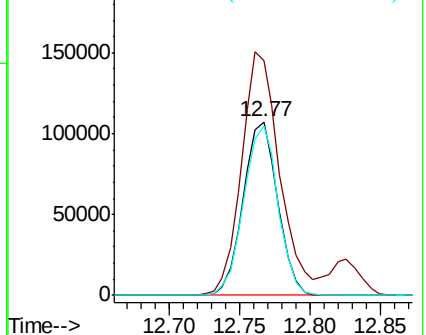
158 97.1 47.9 143.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): V

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.274 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. -0.00 min

Lab File: VD067628.D

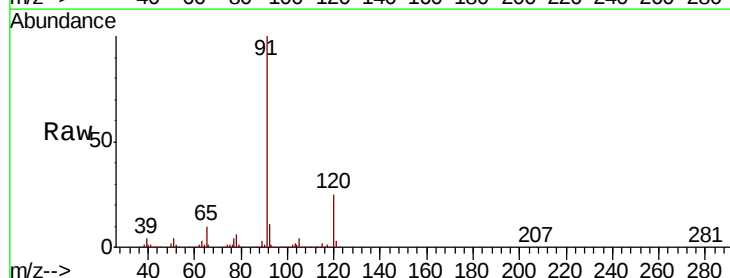
Acq: 12 Nov 2020 17:30

Tgt Ion: 91 Resp: 849178

Ion Ratio Lower Upper

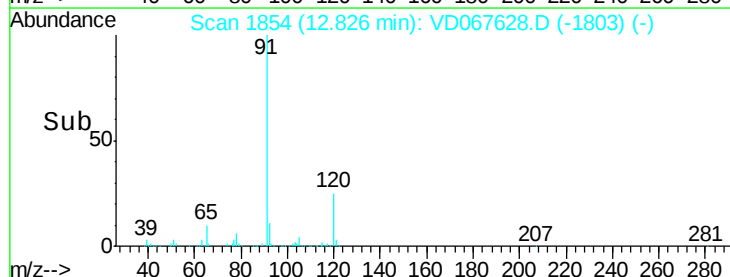
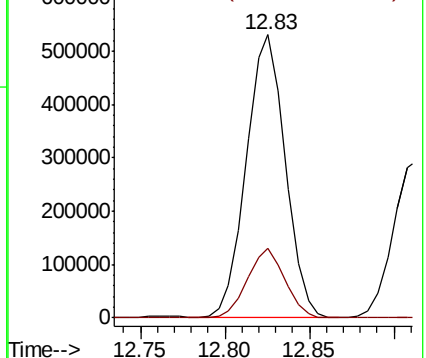
91 100

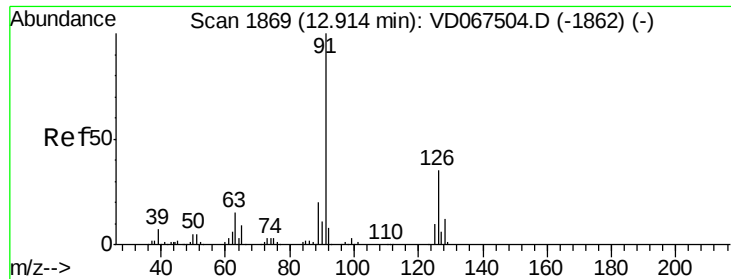
120 23.9 12.2 36.4



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.091 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. -0.00 min

Lab File: VD067628.D

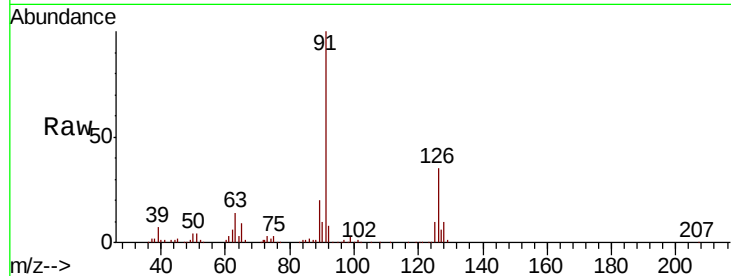
Acq: 12 Nov 2020 17:30

Tot Ion: 91 Resp: 490212

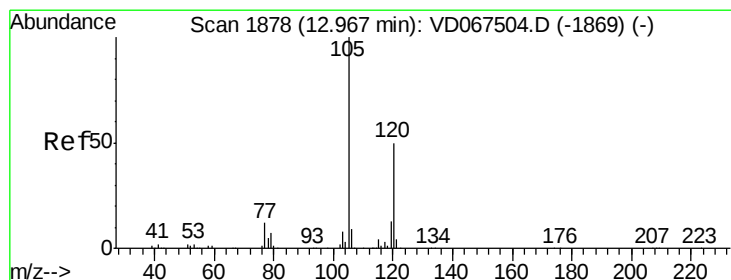
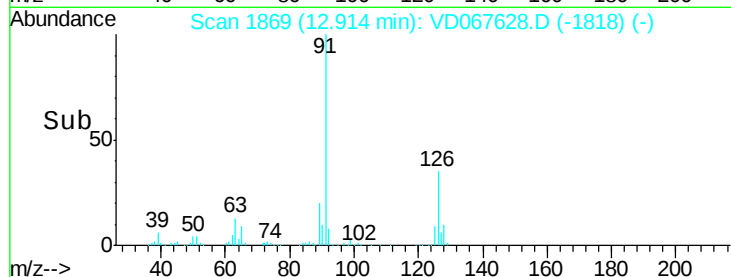
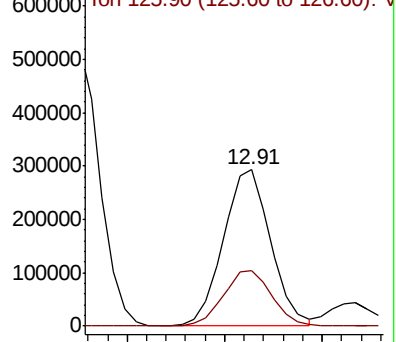
Ion Ratio Lower Upper

91 100

126 36.6 17.8 53.4



Abundance Ion 91.00 (90.70 to 91.70): VD067504.D (-1862) (-)



#80

1,3,5-Trimethylbenzene

Concen: 51.359 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. -0.00 min

Lab File: VD067628.D

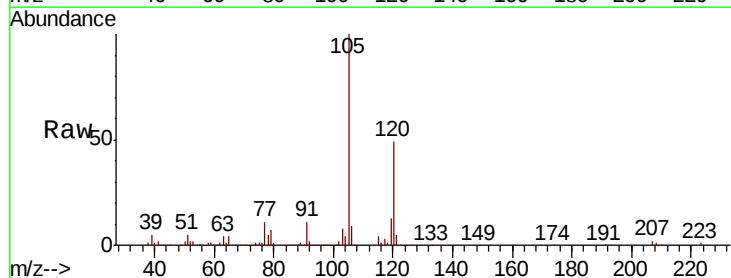
Acq: 12 Nov 2020 17:30

Tgt Ion:105 Resp: 647885

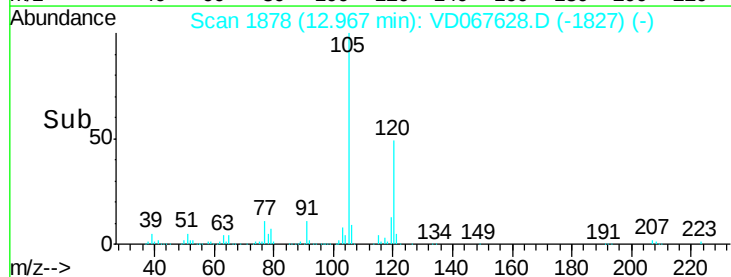
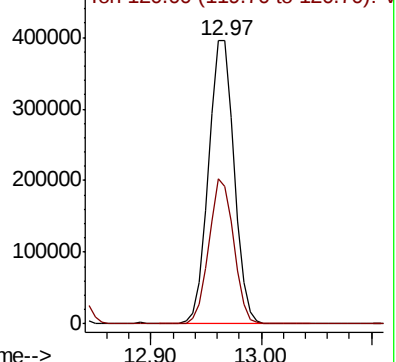
Ion Ratio Lower Upper

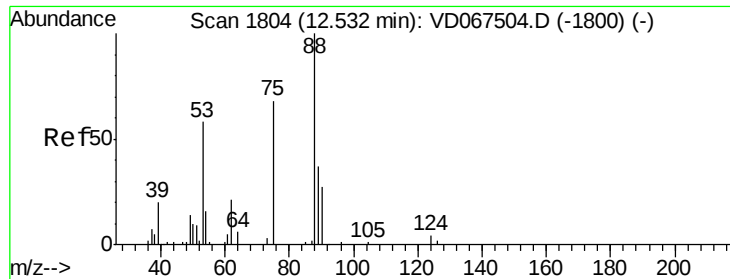
105 100

120 49.6 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VD067504.D (-1869) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 50.783 ug/l

RT: 12.53 min Scan# 1804

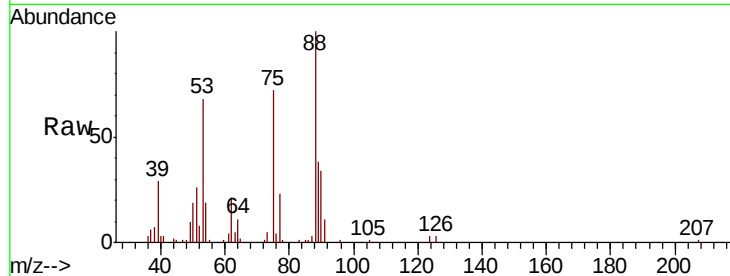
Delta R.T. -0.00 min

Lab File: VD067628.D

Acq: 12 Nov 2020 17:30

Tot Ion: 75 Resp: 34478

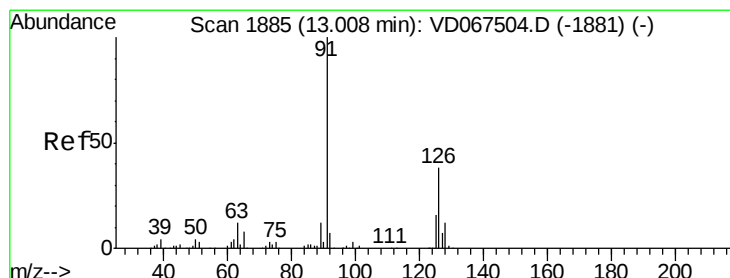
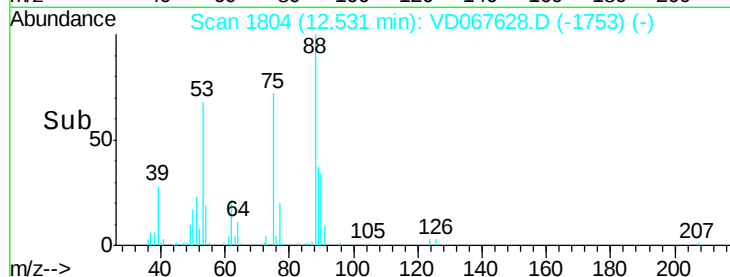
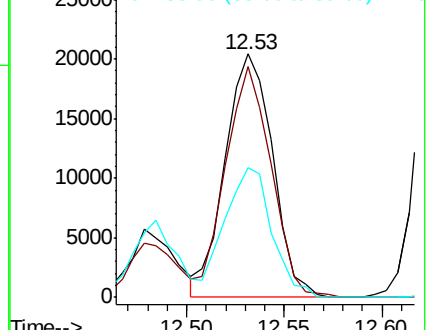
Ion	Ratio	Lower	Upper
75	100		
53	91.1	75.9	113.9
89	52.4	44.6	67.0



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC



#82

4-Chlorotoluene

Concen: 50.894 ug/l

RT: 13.01 min Scan# 1885

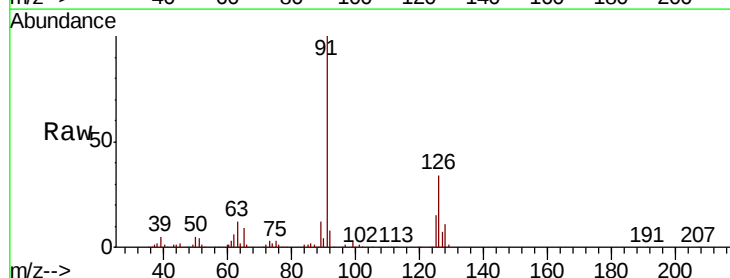
Delta R.T. -0.00 min

Lab File: VD067628.D

Acq: 12 Nov 2020 17:30

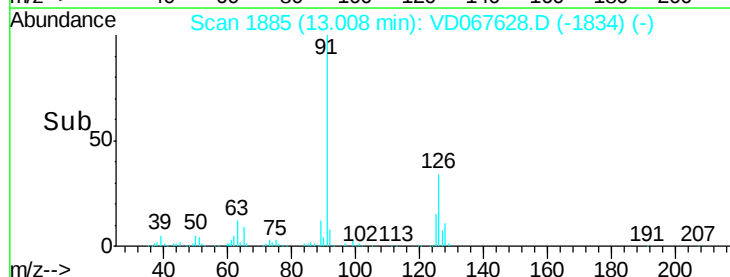
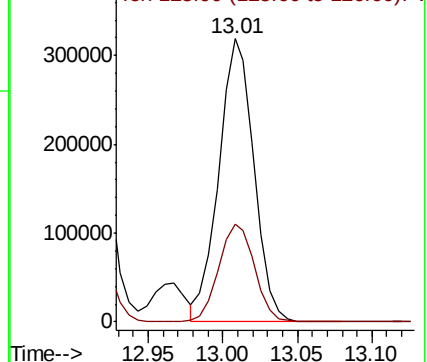
Tgt Ion: 91 Resp: 523728

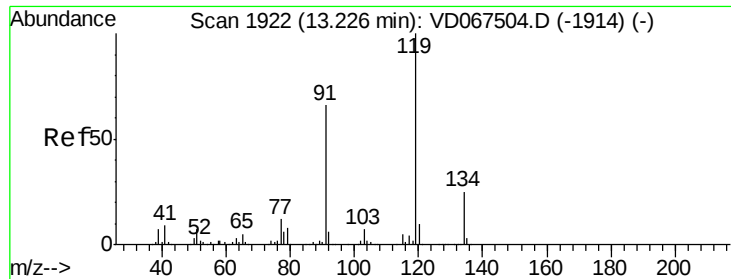
Ion	Ratio	Lower	Upper
91	100		
126	35.2	17.9	53.7



Abundance Ion 91.00 (90.70 to 91.70): VDC

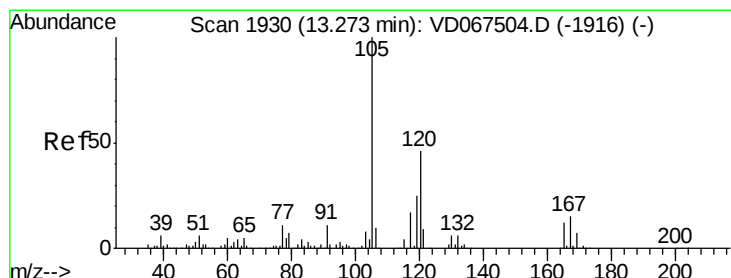
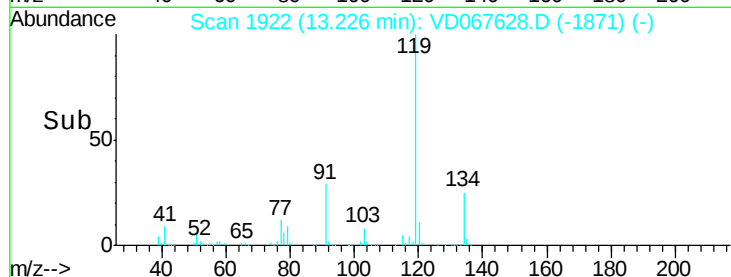
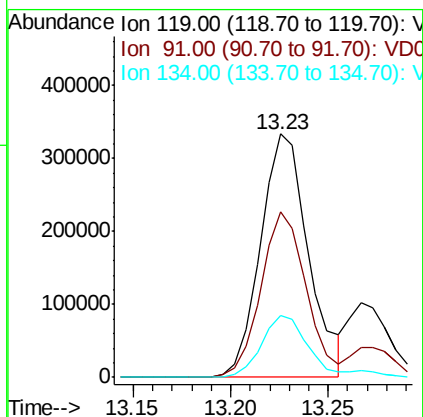
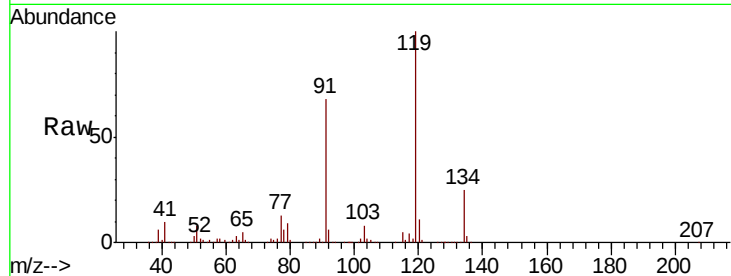
Ion 125.90 (125.60 to 126.60): V





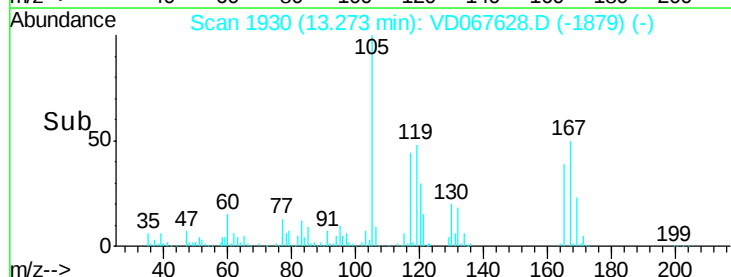
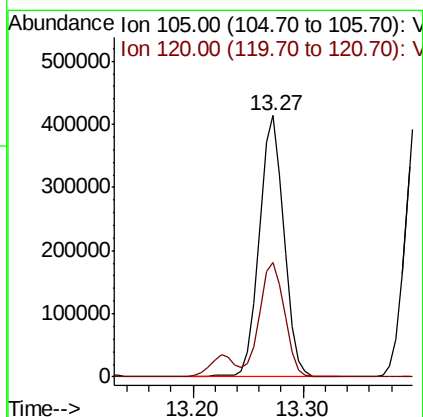
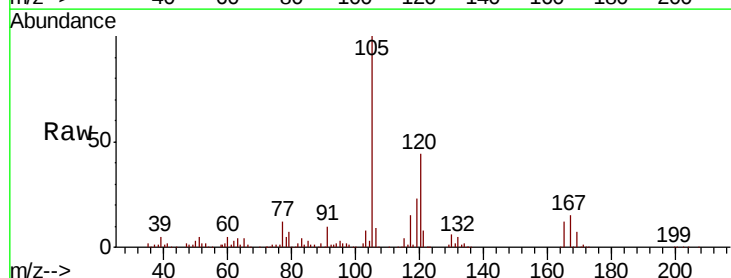
#83
tert-Butylbenzene
Concen: 52.932 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD067628.D
Acq: 12 Nov 2020 17:30

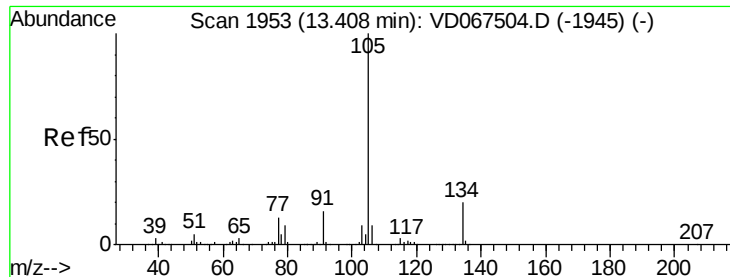
Tot Ion:119 Resp: 565908
Ion Ratio Lower Upper
119 100
91 64.1 32.7 98.1
134 26.0 13.4 40.2



#84
1,2,4-Trimethylbenzene
Concen: 51.677 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.00 min
Lab File: VD067628.D
Acq: 12 Nov 2020 17:30

Tgt Ion:105 Resp: 648900
Ion Ratio Lower Upper
105 100
120 44.5 22.1 66.1





#85

sec-Butylbenzene

Concen: 51.614 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. -0.00 min

Lab File: VD067628.D

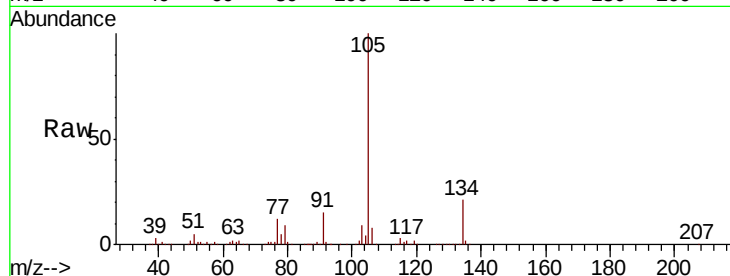
Acq: 12 Nov 2020 17:30

Tot Ion:105 Resp: 744922

Ion Ratio Lower Upper

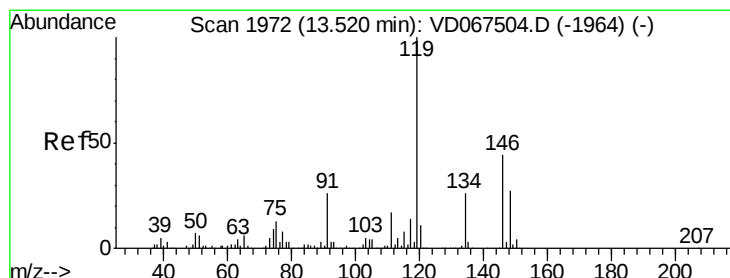
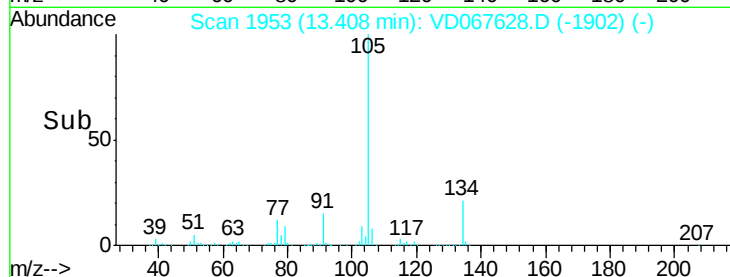
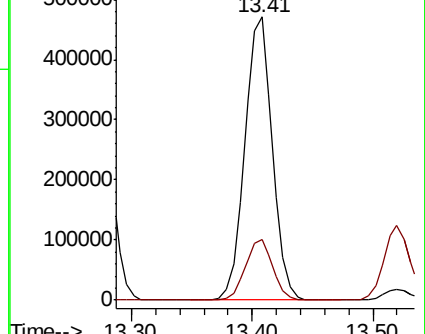
105 100

134 21.2 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.917 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD067628.D

Acq: 12 Nov 2020 17:30

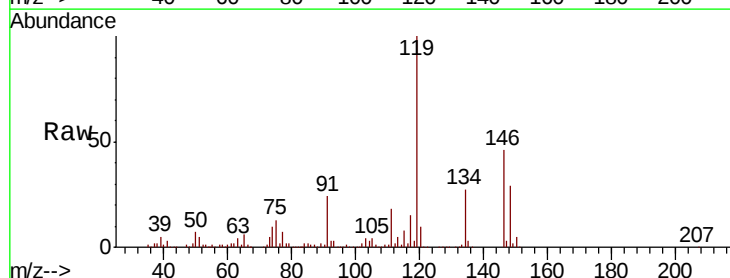
Tgt Ion:119 Resp: 709641

Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.3

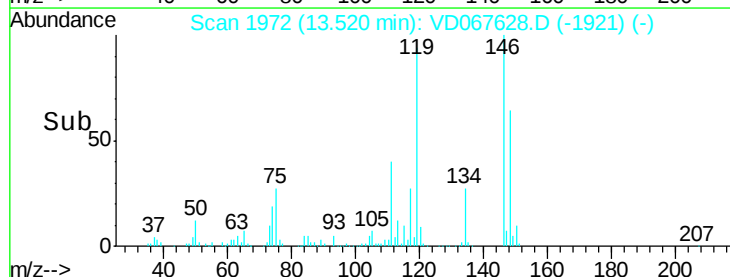
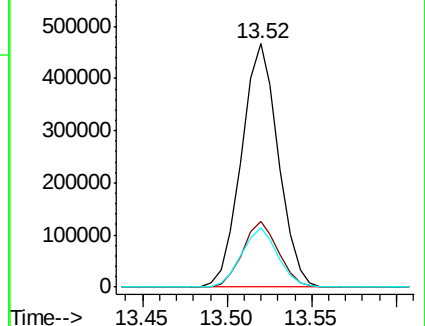
91 23.6 12.2 36.4

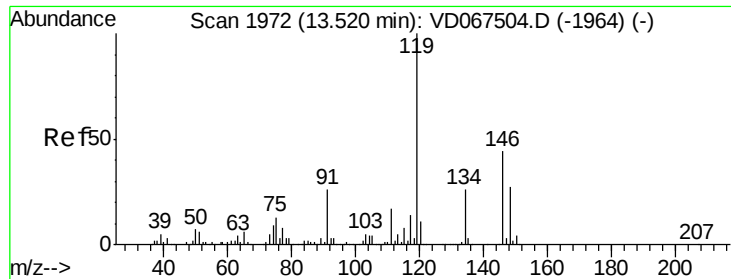


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

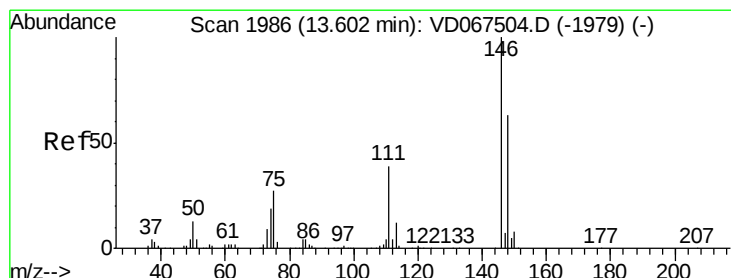
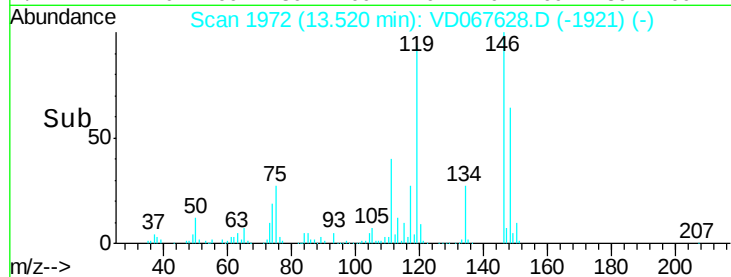
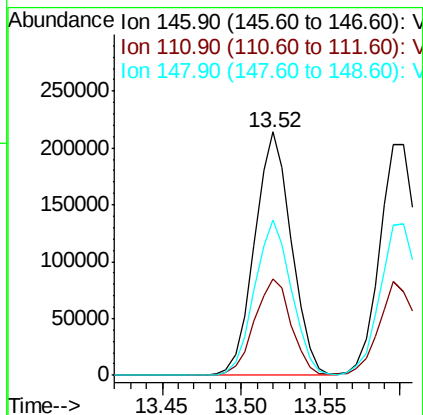
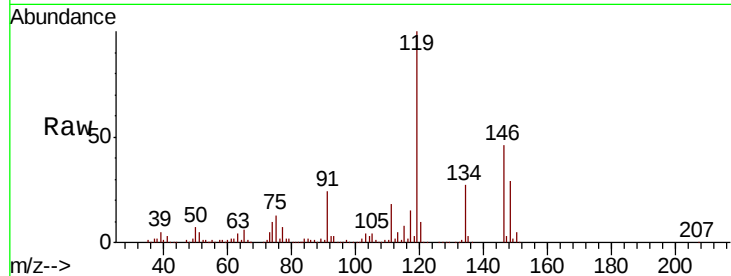
Ion 91.00 (90.70 to 91.70): V





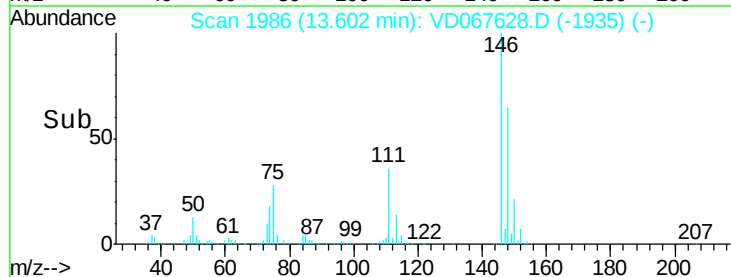
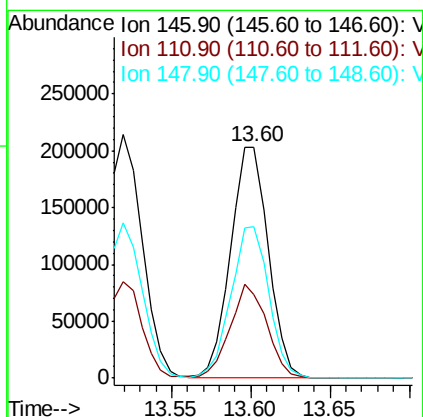
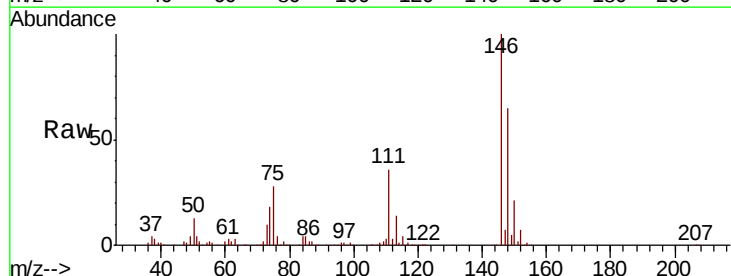
#87
 1,3-Dichlorobenzene
 Concen: 49.984 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD067628.D
 Acq: 12 Nov 2020 17:30

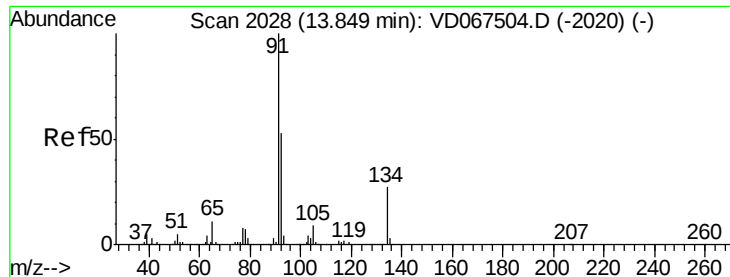
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	20.3	60.8
148	64.0	31.9	95.9



#88
 1,4-Dichlorobenzene
 Concen: 48.078 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VD067628.D
 Acq: 12 Nov 2020 17:30

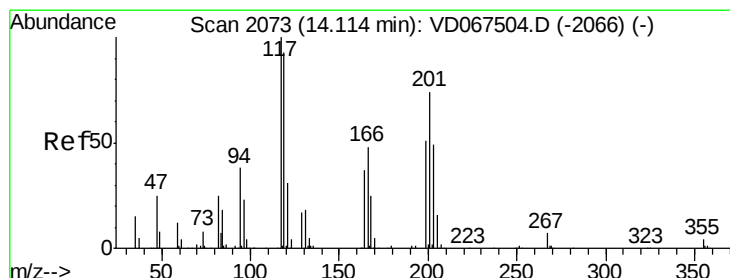
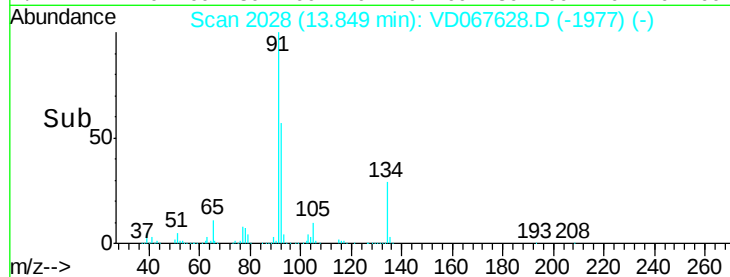
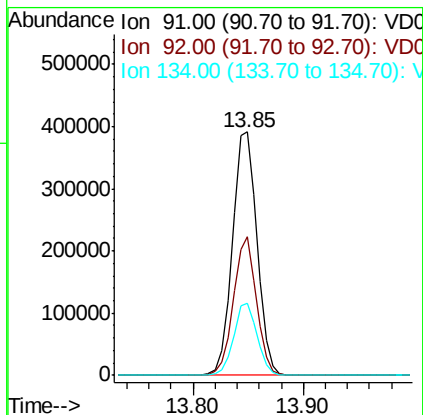
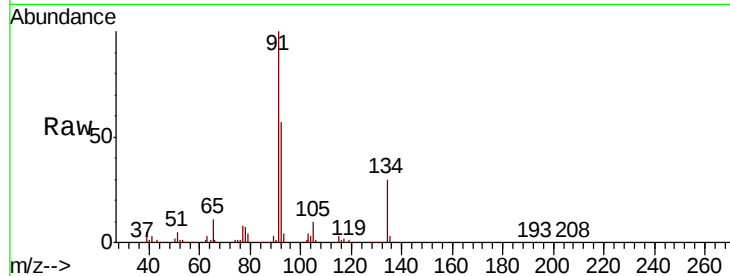
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.6	58.7
148	65.7	31.8	95.4





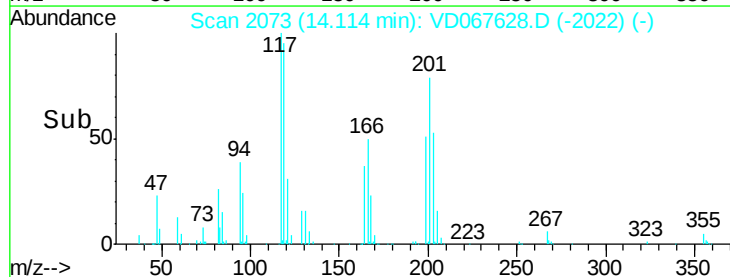
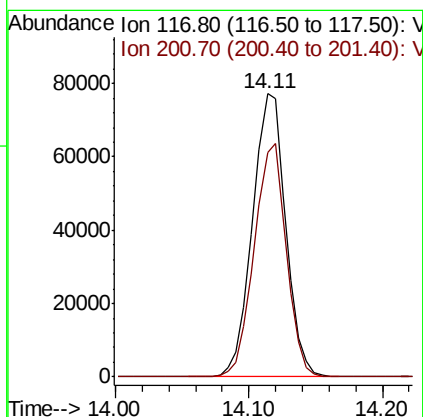
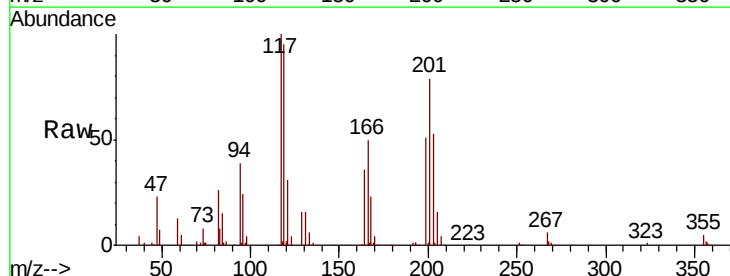
#89
n-Butylbenzene
Concen: 50.751 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VD067628.D
Acq: 12 Nov 2020 17:30

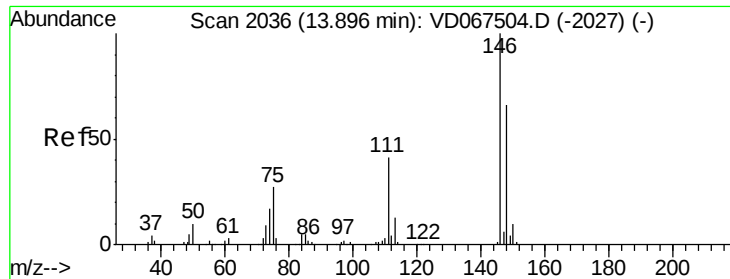
Tot Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.6	79.8
134	28.4	14.1	42.2



#90
Hexachloroethane
Concen: 50.419 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD067628.D
Acq: 12 Nov 2020 17:30

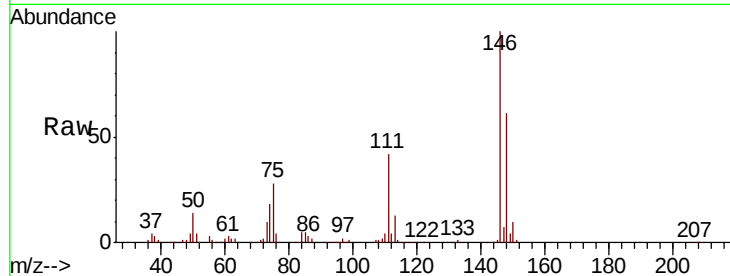
Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.6	40.7	122.1



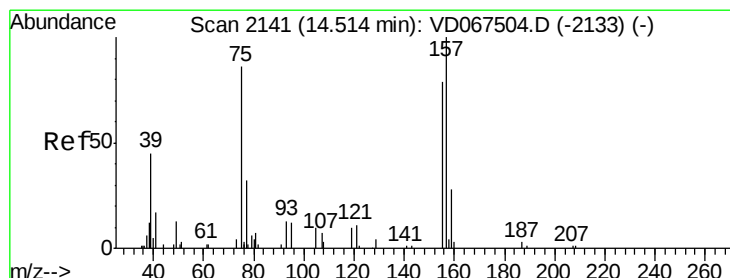
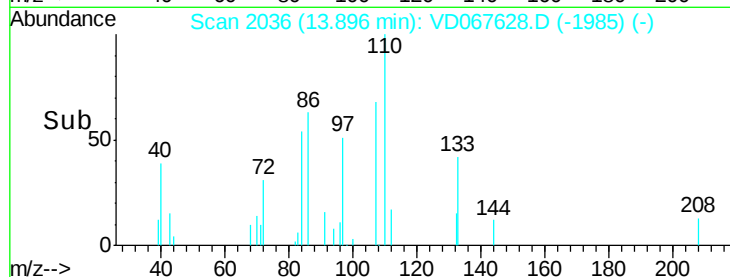
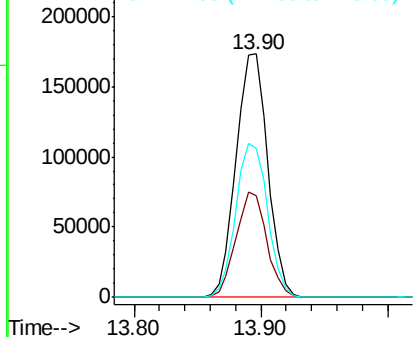


#91
 1,2-Dichlorobenzene
 Concen: 50.210 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VD067628.D
 Acq: 12 Nov 2020 17:30

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.7	62.1
148	63.6	31.5	94.5

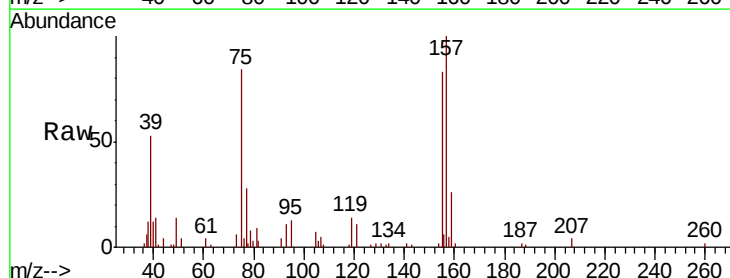


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

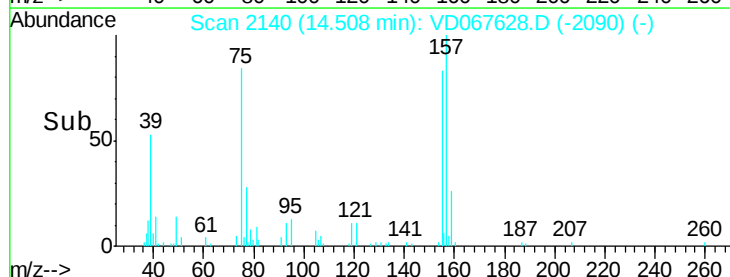
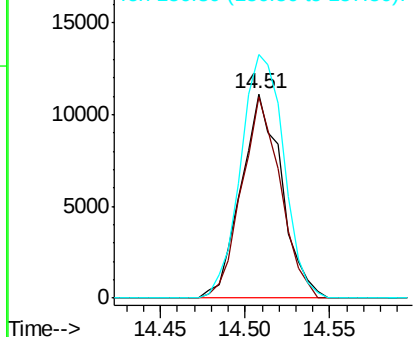


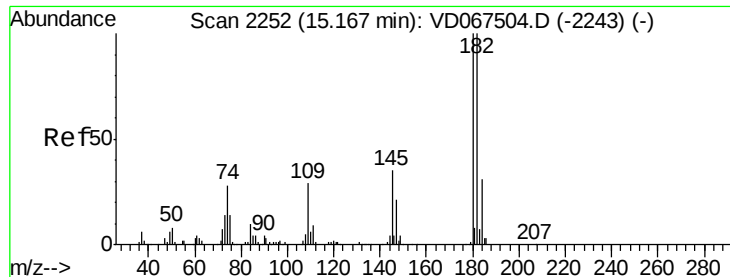
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.229 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD067628.D
 Acq: 12 Nov 2020 17:30

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.0	46.6	139.8
157	126.9	58.1	174.2



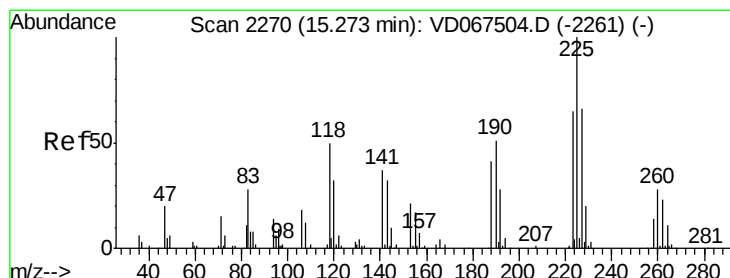
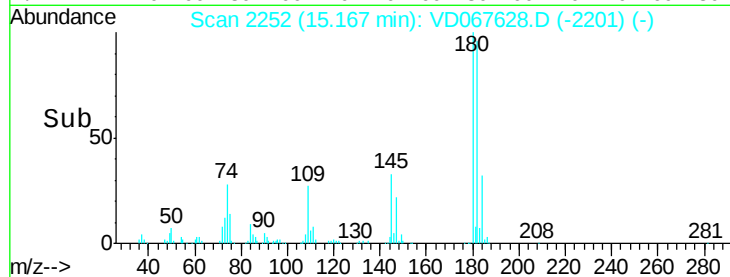
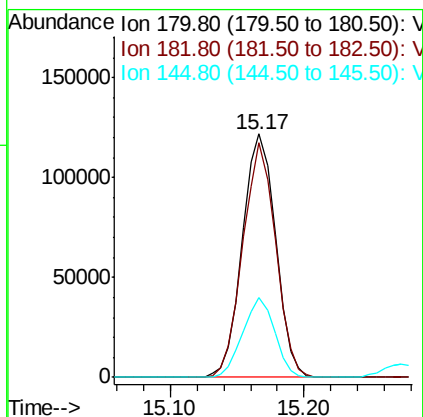
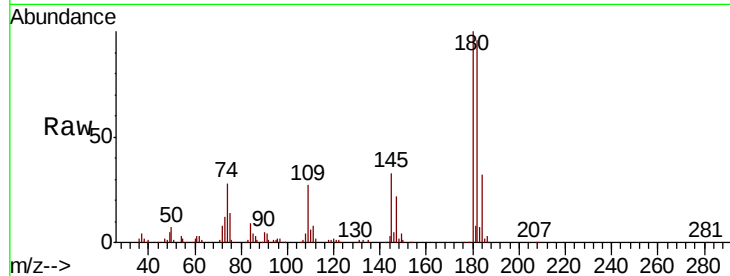
Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V





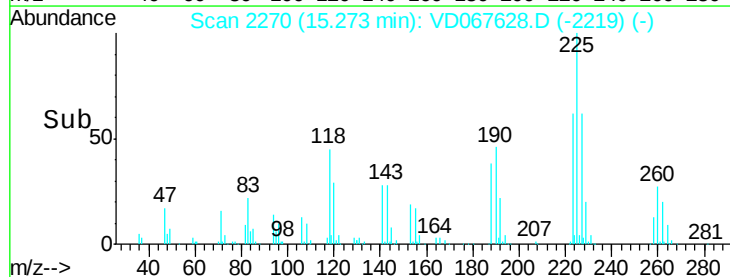
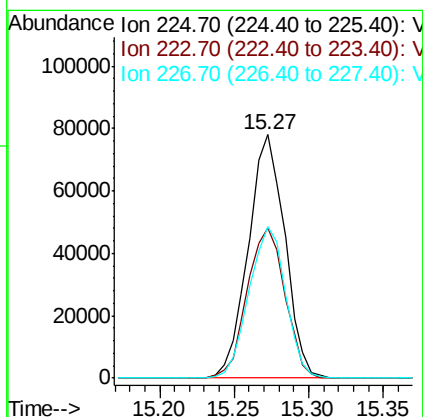
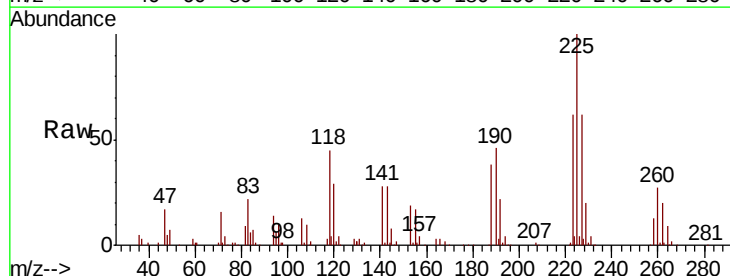
#93
 1,2,4-Trichlorobenzene
 Concen: 51.536 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD067628.D
 Acq: 12 Nov 2020 17:30

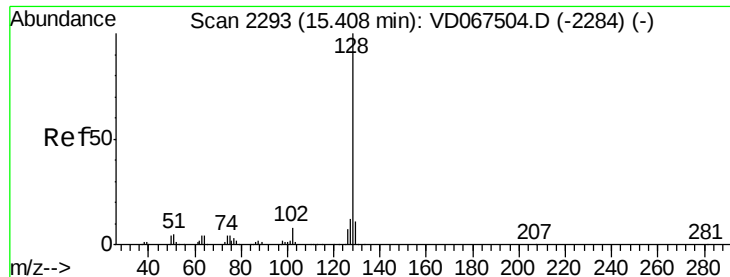
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.4	142.3
145	31.5	16.2	48.6



#94
 Hexachlorobutadiene
 Concen: 48.546 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD067628.D
 Acq: 12 Nov 2020 17:30

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	31.9	95.5
227	62.4	32.5	97.4





#95

Naphthalene

Concen: 56.241 ug/l

RT: 15.40 min Scan# 2292

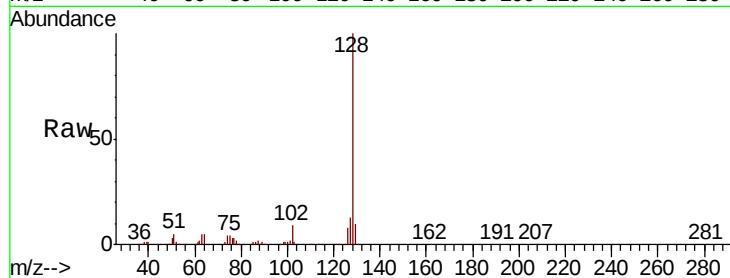
Delta R.T. -0.01 min

Lab File: VD067628.D

Acq: 12 Nov 2020 17:30

Tot Ion:128 Resp: 352807

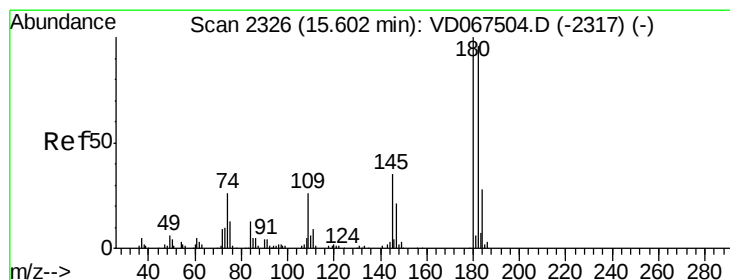
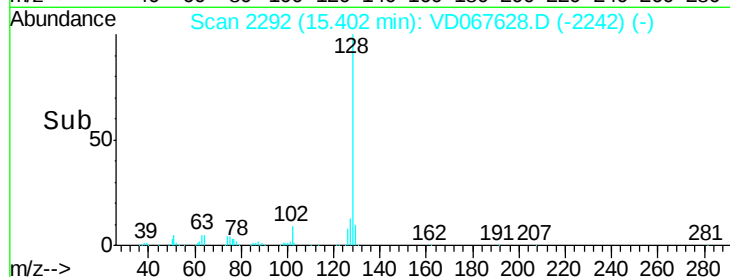
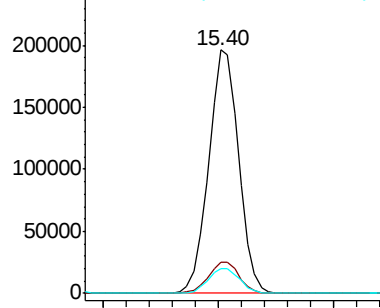
Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.4
129	10.6	8.9	13.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 52.408 ug/l

RT: 15.60 min Scan# 2326

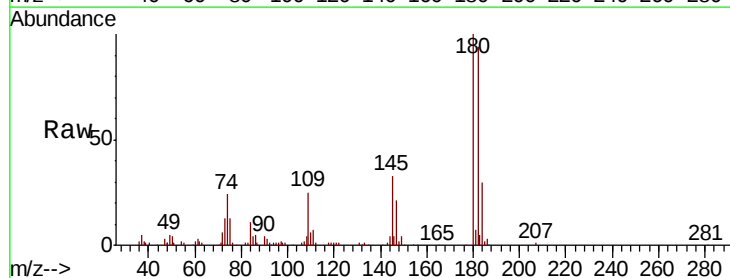
Delta R.T. -0.00 min

Lab File: VD067628.D

Acq: 12 Nov 2020 17:30

Tgt Ion:180 Resp: 182431

Ion	Ratio	Lower	Upper
180	100		
182	95.3	46.9	140.8
145	33.9	17.1	51.2



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

