

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120220\
 Data File : VD067839.D
 Acq On : 02 Dec 2020 16:53
 Operator : VA/SY
 Sample : L4909-01
 Misc : 5.10G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ROCK-HILL-SLOPE-EMBANKMENT-

Quant Time: Dec 03 00:35:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120120S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 02 08:05:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	5293	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.87	114	9217	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	14091	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	12441	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	2266	39.88	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	79.76%
35) Dibromofluoromethane	7.93	113	1205	19.54	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	39.08%#
50) Toluene-d8	10.34	98	9989	44.99	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	89.98%
62) 4-Bromofluorobenzene	12.63	95	7333	95.53	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	191.06%#

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.00	85	430	9.335	ug/l 77
3) Chloromethane	2.20	50	146	5.492	ug/l # 40
4) Vinyl Chloride	2.34	62	207	6.183	ug/l # 44
5) Bromomethane	2.78	94	192	6.424	ug/l # 72
6) Chloroethane	2.93	64	55	2.523	ug/l # 42
7) Trichlorofluoromethane	3.30	101	1430	13.958	ug/l # 73
9) 1,1,2-Trichlorotrifluoroet	4.11	101	307	6.571	ug/l # 56
10) Methyl Iodide	4.33	142	161	3.251	ug/l # 33
12) 1,1-Dichloroethene	4.08	96	54	1.231	ug/l # 49
14) Allyl chloride	4.71	41	77	1.898	ug/l # 57
16) Acetone	4.17	43	226	32.187	ug/l # 47
17) Carbon Disulfide	4.40	76	1049	8.566	ug/l # 74
19) Methyl tert-butyl Ether	5.46	73	144	1.533	ug/l # 62
20) Methylene Chloride	4.97	84	2373	52.368	ug/l # 90
21) trans-1,2-Dichloroethene	5.48	96	482	9.657	ug/l # 52
23) Vinyl Acetate	6.30	43	128	2.819	ug/l # 60
24) 1,1-Dichloroethane	6.27	63	100	1.398	ug/l # 78
25) 2-Butanone	7.20	43	344	46.579	ug/l # 36
26) 2,2-Dichloropropane	7.20	77	569	6.670	ug/l # 54
27) cis-1,2-Dichloroethene	7.21	96	76	1.392	ug/l # 13
30) Chloroform	7.70	83	204	2.134	ug/l # 78
31) Cyclohexane	7.97	56	116	1.938	ug/l # 7
32) 1,1,1-Trichloroethane	7.90	97	505	5.004	ug/l # 25
36) 1,1-Dichloropropene	8.13	75	714	8.948	ug/l # 39
37) Ethyl Acetate	7.20	43	344	15.996	ug/l # 1
38) Carbon Tetrachloride	8.09	117	216	1.789	ug/l # 22
39) Methylcyclohexane	9.36	83	865	9.148	ug/l # 68
40) Benzene	8.35	78	844	3.866	ug/l 92
42) 1,2-Dichloroethane	8.44	62	121	1.555	ug/l # 76
43) Isopropyl Acetate	8.30	43	83	1.962	ug/l # 21
44) Trichloroethene	9.12	130	171	2.278	ug/l 79
47) Bromodichloromethane	9.66	83	311	3.501	ug/l # 87
48) Methyl methacrylate	9.40	41	71	3.304	ug/l # 2
51) 4-Methyl-2-Pentanone	10.23	43	215	10.736	ug/l # 31

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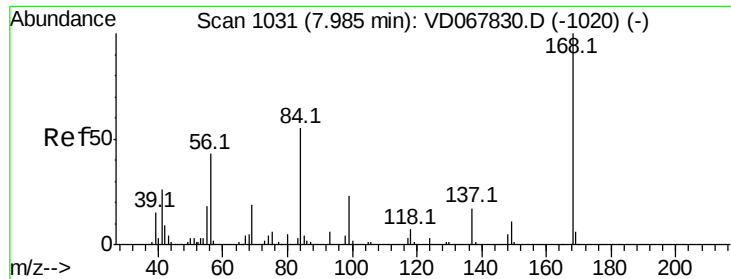
Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

52) Toluene	10.42	92	957	6.269	ug/l	97
53) t-1,3-Dichloropropene	10.62	75	180	2.348	ug/l #	43
54) cis-1,3-Dichloropropene	10.10	75	149	1.787	ug/l #	34
56) Ethyl methacrylate	10.66	69	108	2.490	ug/l #	30
60) Dibromochloromethane	11.15	129	96	1.494	ug/l #	10
61) 1,2-Dibromoethane	11.24	107	71	1.693	ug/l #	2
64) Tetrachloroethene	10.87	164	510	4.437	ug/l #	61
65) Chlorobenzene	11.67	112	1080	3.715	ug/l #	74
66) 1,1,1,2-Tetrachloroethane	11.74	131	220	1.855	ug/l #	63
67) Ethyl Benzene	11.74	91	1733	3.499	ug/l	97
68) m/p-Xylenes	11.87	106	1247	6.385	ug/l	94
69) o-Xylene	12.18	106	567	3.270	ug/l	80
70) Styrene	12.20	104	1075	3.566	ug/l #	78
73) Isopropylbenzene	12.48	105	1206	1.410	ug/l #	66
76) 1,2,3-Trichloropropane	12.64	75	3705	40.894	ug/l #	1
77) Bromobenzene	12.75	156	267	1.255	ug/l #	40
78) n-propylbenzene	12.83	91	2000	2.109	ug/l	99
79) 2-Chlorotoluene	12.90	91	753	1.350	ug/l	88
80) 1,3,5-Trimethylbenzene	12.97	105	1492	2.014	ug/l	80
81) trans-1,4-Dichloro-2-buten	12.64	75	3705	97.823	ug/l #	7
82) 4-Chlorotoluene	13.01	91	1329	2.233	ug/l	99
83) tert-Butylbenzene	13.23	119	1465	2.324	ug/l	66
84) 1,2,4-Trimethylbenzene	13.28	105	1208	1.640	ug/l	92
85) sec-Butylbenzene	13.41	105	2076	2.468	ug/l #	68
86) p-Isopropyltoluene	13.51	119	1686	2.045	ug/l	93
87) 1,3-Dichlorobenzene	13.60	146	1006	2.452	ug/l	87
88) 1,4-Dichlorobenzene	13.60	146	1006	2.451	ug/l	88
89) n-Butylbenzene	13.85	91	1934	2.823	ug/l	85
91) 1,2-Dichlorobenzene	13.90	146	795	2.234	ug/l #	77
93) 1,2,4-Trichlorobenzene	15.16	180	822	3.302	ug/l	74
94) Hexachlorobutadiene	15.27	225	318	1.958	ug/l #	66
95) Naphthalene	15.41	128	2677	6.609	ug/l #	78
96) 1,2,3-Trichlorobenzene	15.60	180	1181	5.494	ug/l #	75

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.01 min

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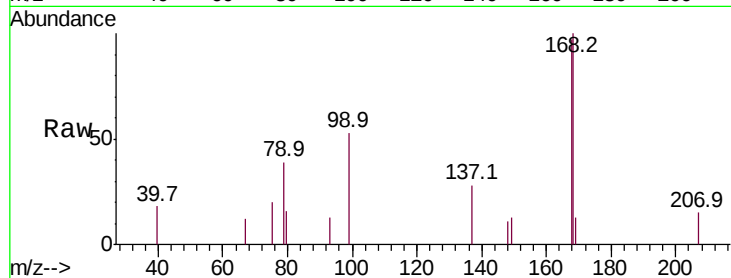
ROCK-HILL-SLOPE-EMBANKMENT-

Tot Ion:168 Resp: 5293

Ion Ratio Lower Upper

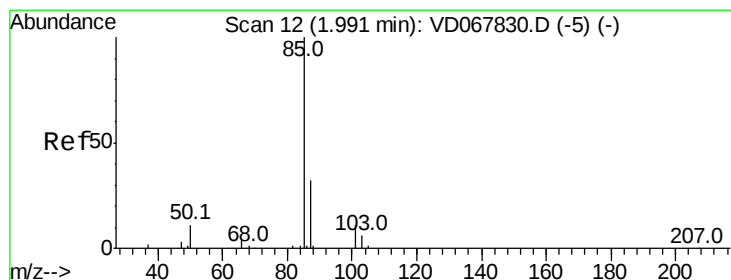
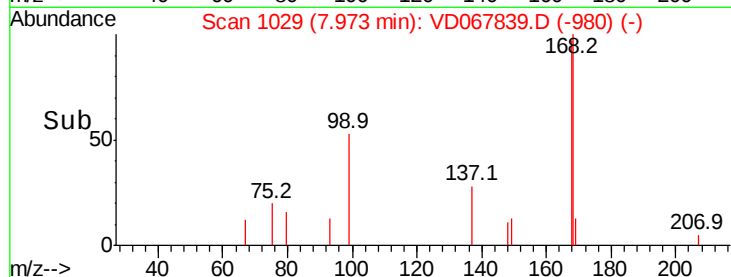
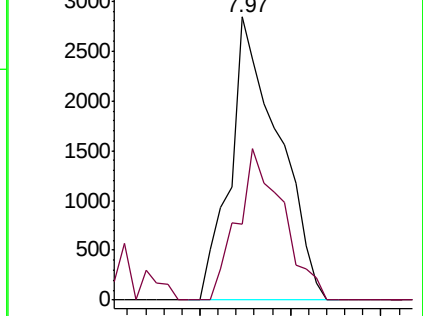
168 100

99 26.7 47.1 70.7#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 9.335 ug/l

RT: 2.00 min Scan# 13

Delta R.T. 0.01 min

Lab File: VD067839.D

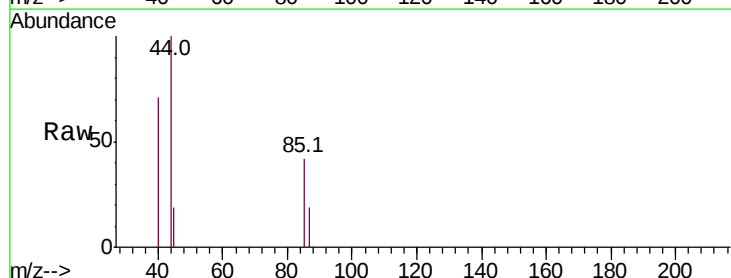
Acq: 02 Dec 2020 16:53

Tgt Ion: 85 Resp: 430

Ion Ratio Lower Upper

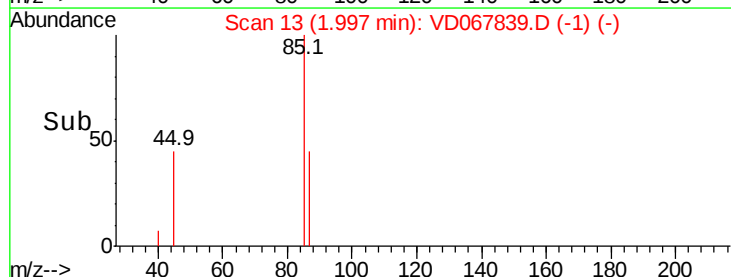
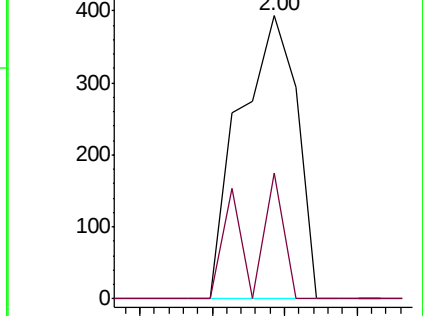
85 100

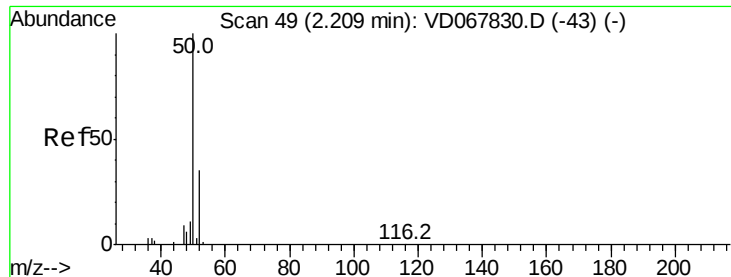
87 44.5 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 5.492 ug/l

RT: 2.20 min Scan# 48

Delta R.T. -0.01 min

Lab File: VD067839.D

Acq: 02 Dec 2020 16:53

Instrument :

MSVOA_D

ClientSampleId :

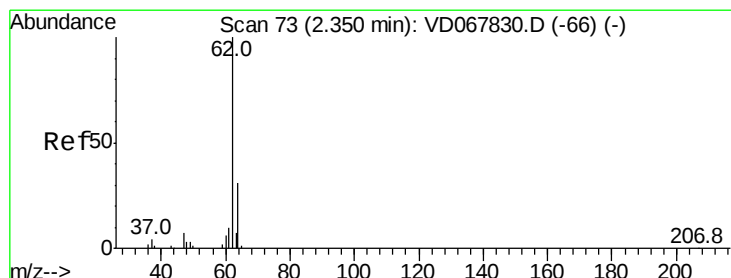
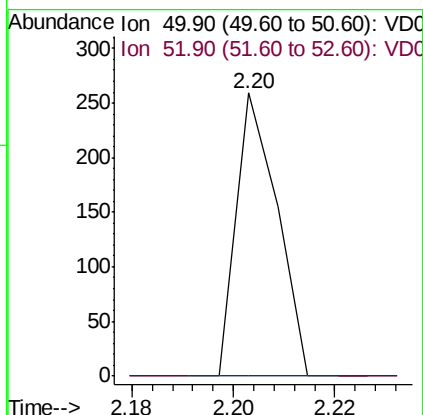
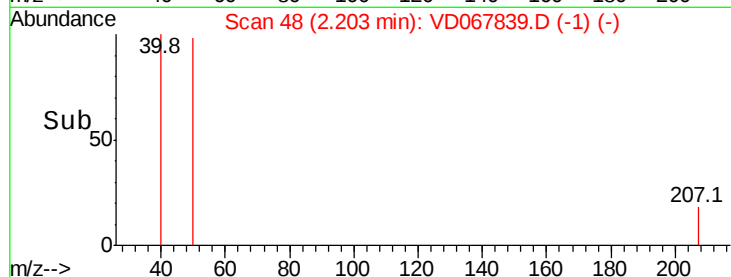
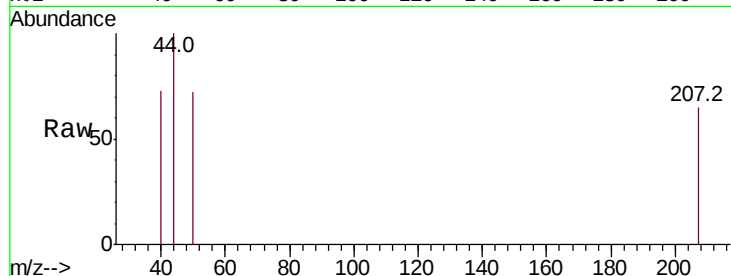
ROCK-HILL-SLOPE-EMBANKMENT-

Tot Ion: 50 Resp: 146

Ion Ratio Lower Upper

50 100

52 0.0 27.8 41.6#



#4

Vinyl Chloride

Concen: 6.183 ug/l

RT: 2.34 min Scan# 71

Delta R.T. -0.01 min

Lab File: VD067839.D

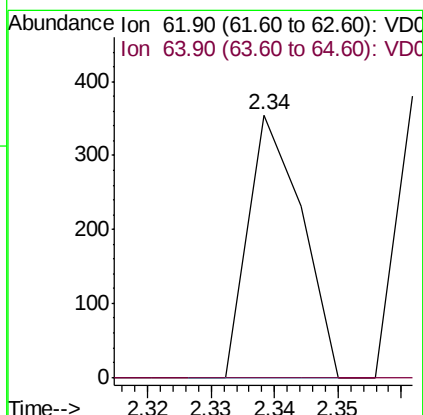
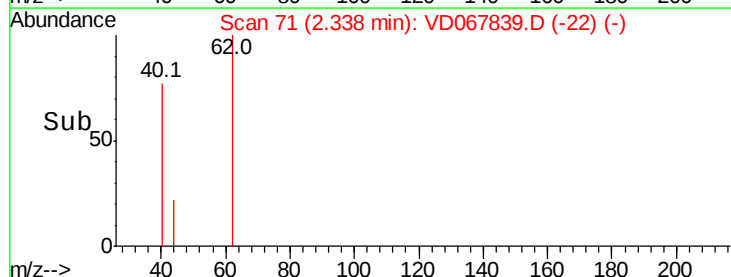
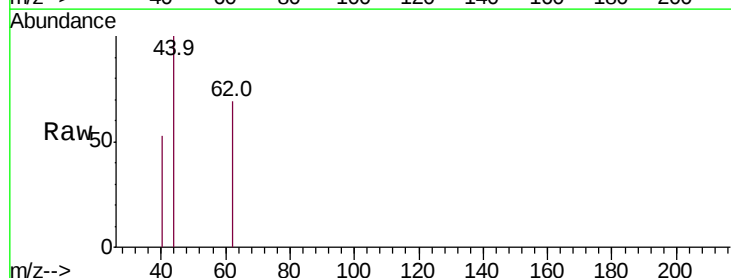
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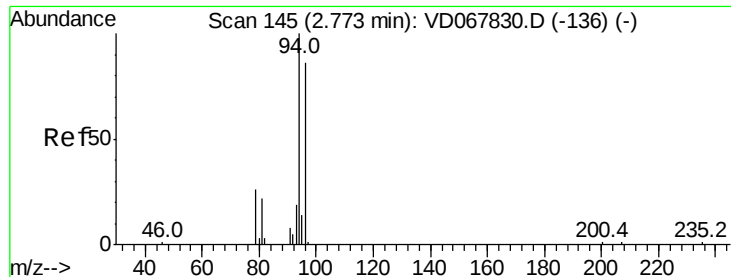
Tgt Ion: 62 Resp: 207

Ion Ratio Lower Upper

62 100

64 0.0 24.5 36.7#





#5

Bromomethane

Concen: 6.424 ug/l

RT: 2.78 min Scan# 146

Delta R.T. 0.01 min

Lab File: VD067839.D

Acq: 02 Dec 2020 16:53

Instrument :

MSVOA_D

ClientSampleId :

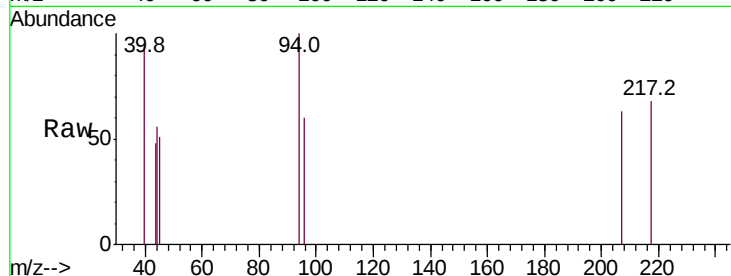
ROCK-HILL-SLOPE-EMBANKMENT-

Tot Ion: 94 Resp: 192

Ion Ratio Lower Upper

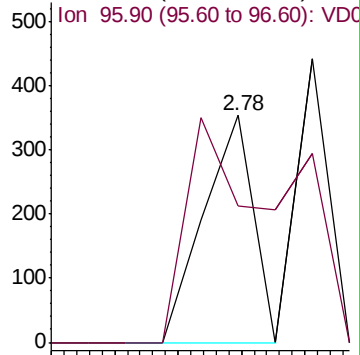
94 100

96 60.3 68.7 103.1#

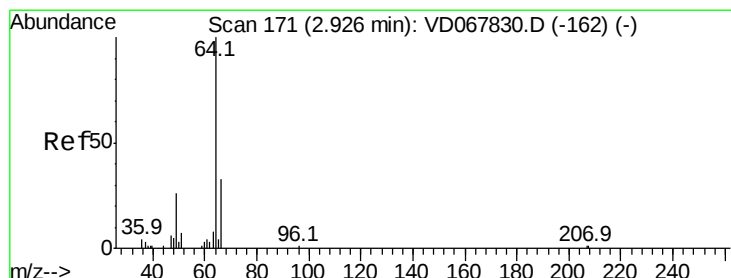
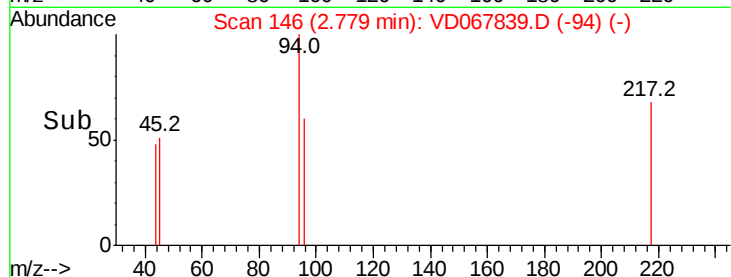


Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



Time-->



#6

Chloroethane

Concen: 2.523 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.00 min

Lab File: VD067839.D

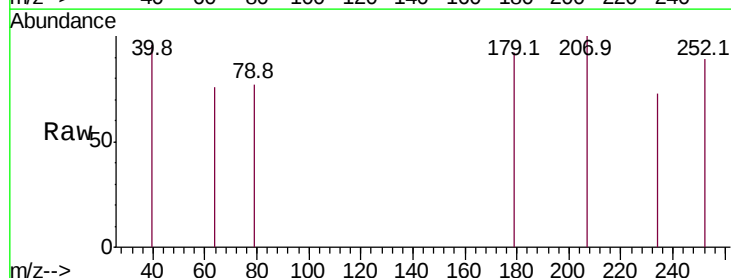
Acq: 02 Dec 2020 16:53

Tgt Ion: 64 Resp: 55

Ion Ratio Lower Upper

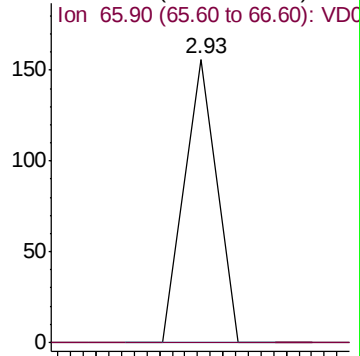
64 100

66 0.0 26.1 39.1#

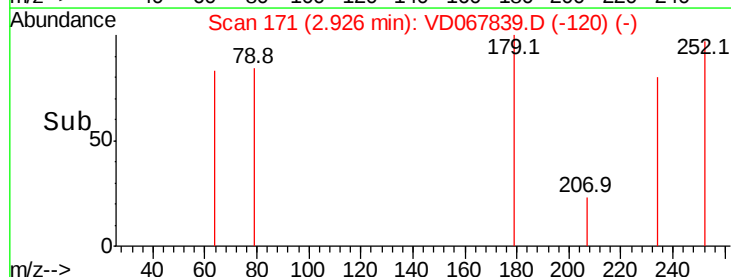


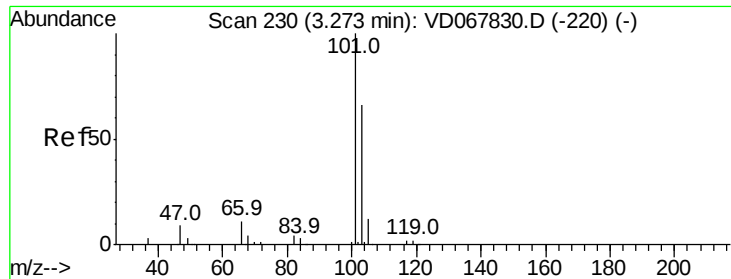
Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC



Time-->



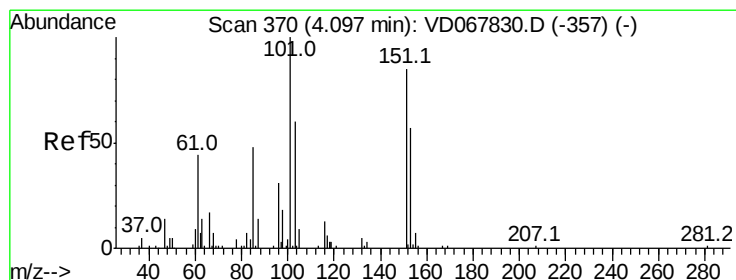
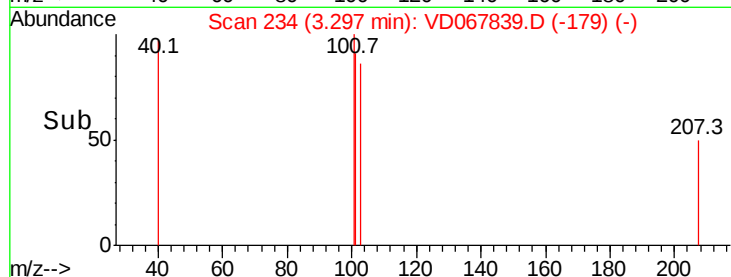
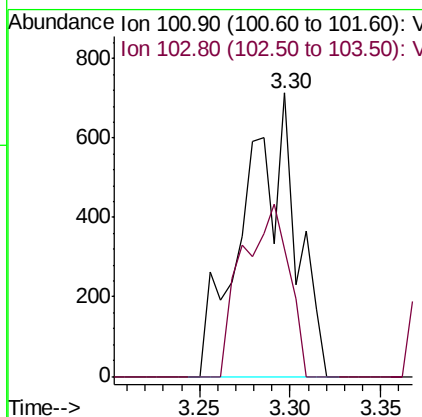
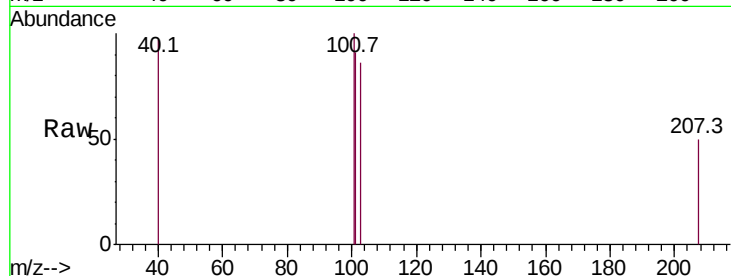


#7

Trichlorofluoromethane
Concen: 13.958 ug/l
RT: 3.30 min Scan# 234
Delta R.T. 0.02 min
Lab File: VD067839.D
Acq: 02 Dec 2020 16:53

Instrument :
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ClientSampleId :
ROCK-HILL-SLOPE-EMBANKMENT-

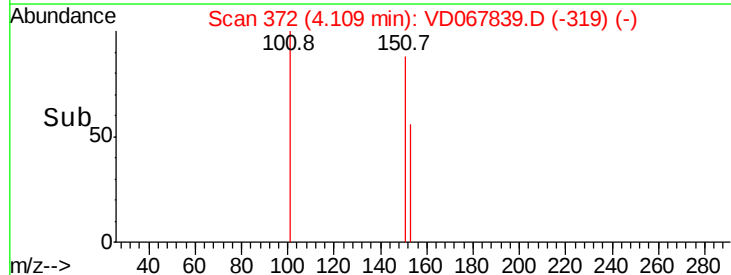
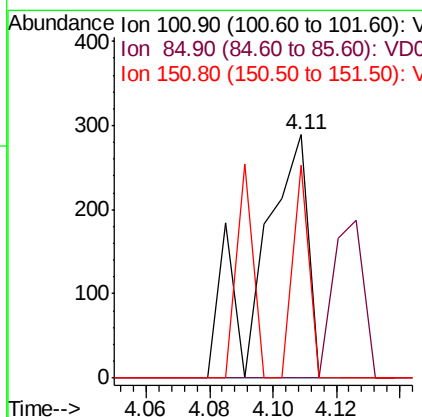
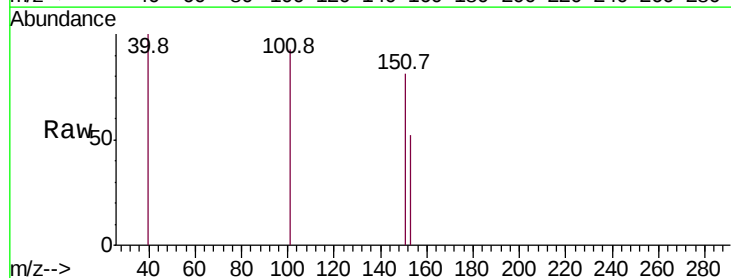
Tot Ion:101 Resp: 1430
Ion Ratio Lower Upper
101 100
103 44.9 53.0 79.6#

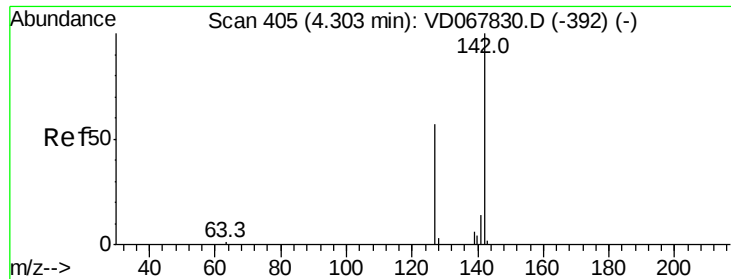


#9

1,1,2-Trichlorotrifluoroethane
Concen: 6.571 ug/l
RT: 4.11 min Scan# 372
Delta R.T. 0.01 min
Lab File: VD067839.D
Acq: 02 Dec 2020 16:53

Tgt Ion:101 Resp: 307
Ion Ratio Lower Upper
101 100
85 40.7 36.2 54.4
151 29.0 69.4 104.2#

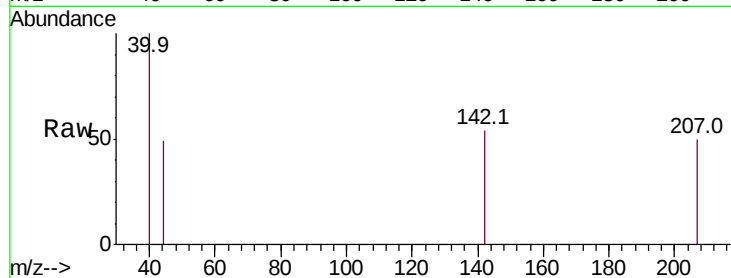




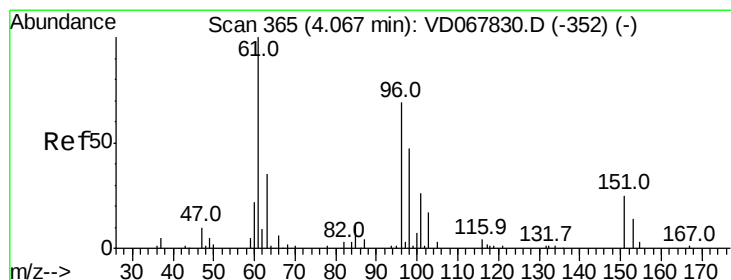
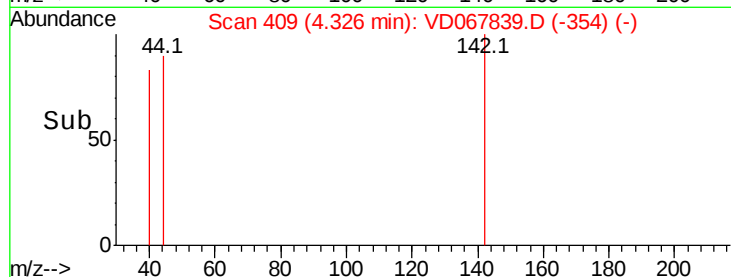
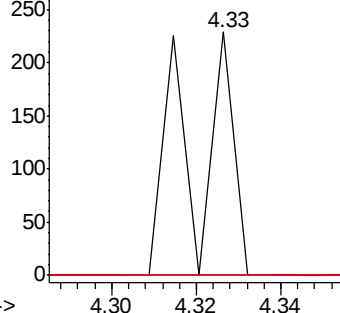
#10
Methvl Iodide
Concen: 3.251 ug/l
RT: 4.33 min Scan# 409
Delta R.T. 0.02 min
Lab File: VD067839.D
Acq: 02 Dec 2020 16:53

Instrument :
MSVOA_D
ClientSampleId :
ROCK-HILL-SLOPE-EMBANKMENT-

Tot Ion:142 Resp: 161
Ion Ratio Lower Upper
142 100
127 0.0 43.9 65.9#
141 0.0 12.2 18.2#

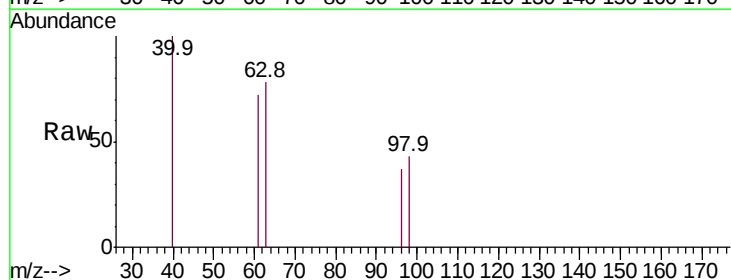


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

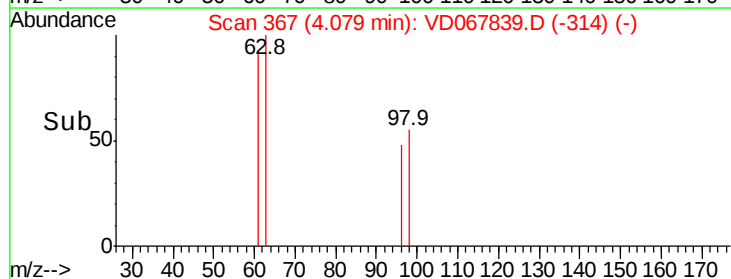
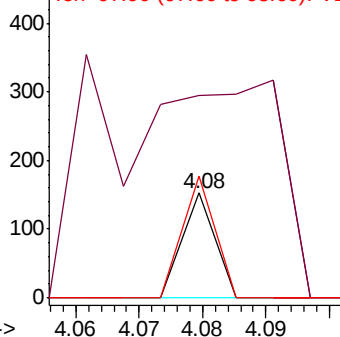


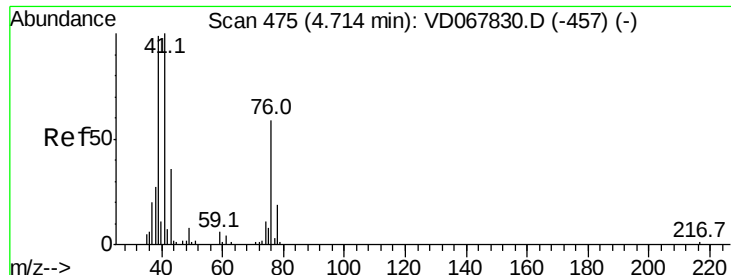
#12
1,1-Dichloroethene
Concen: 1.231 ug/l
RT: 4.08 min Scan# 367
Delta R.T. 0.01 min
Lab File: VD067839.D
Acq: 02 Dec 2020 16:53

Tgt Ion: 96 Resp: 54
Ion Ratio Lower Upper
96 100
61 85.6 116.1 174.1#
98 115.7 54.6 82.0#



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

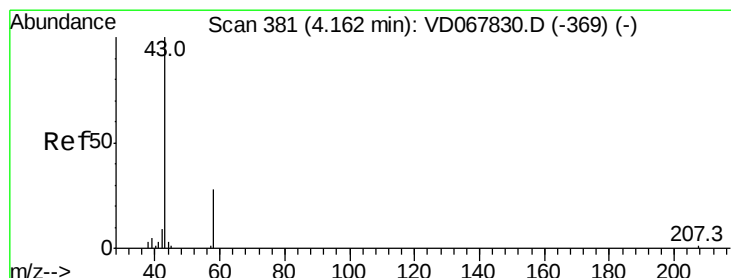
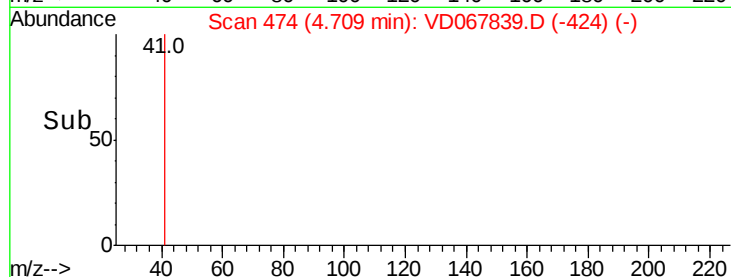
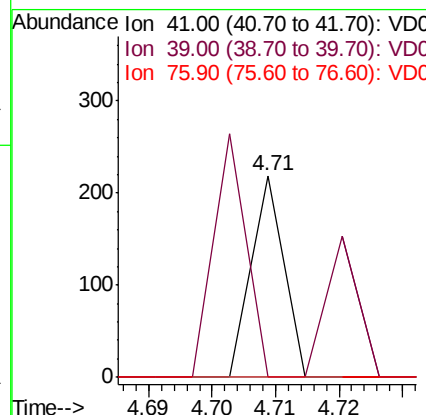
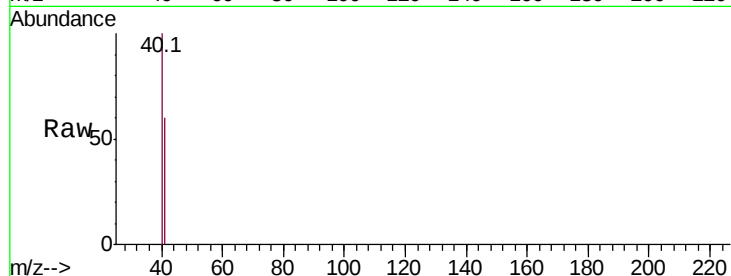




#14
Allvl chloride
Concen: 1.898 ug/l
RT: 4.71 min Scan# 474
Delta R.T. -0.01 min
Lab File: VD067839.D
Acq: 02 Dec 2020 16:53

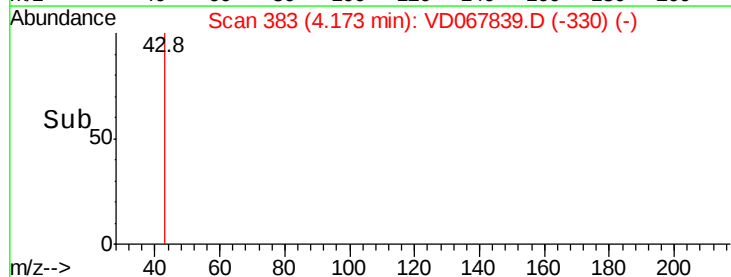
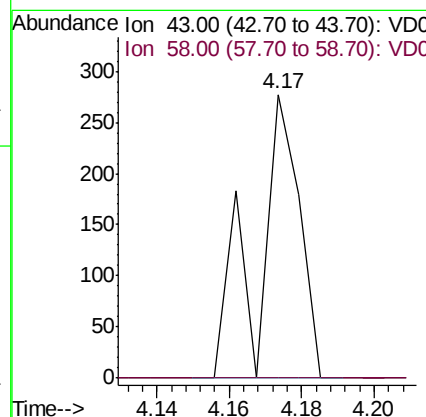
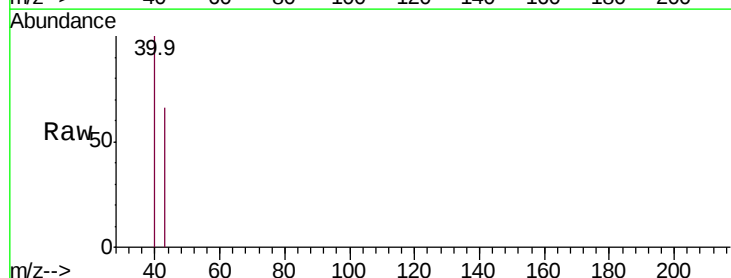
Instrument :
MSVOA_D
ClientSampleId :
ROCK-HILL-SLOPE-EMBANKMENT-

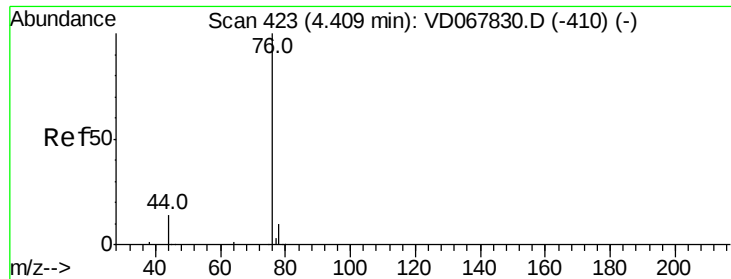
Tot Ion: 41 Resp: 77
Ion Ratio Lower Upper
41 100
39 120.8 79.0 118.6#
76 0.0 46.6 70.0#



#16
Acetone
Concen: 32.187 ug/l
RT: 4.17 min Scan# 383
Delta R.T. 0.01 min
Lab File: VD067839.D
Acq: 02 Dec 2020 16:53

Tgt Ion: 43 Resp: 226
Ion Ratio Lower Upper
43 100
58 0.0 21.9 32.9#

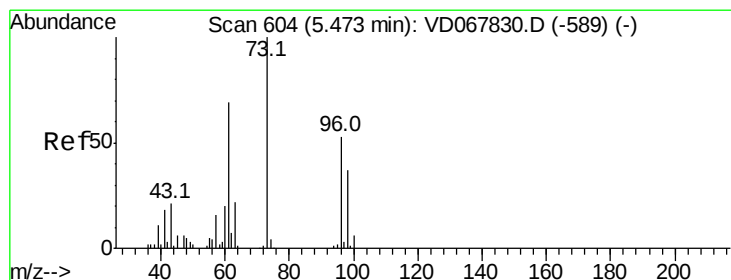
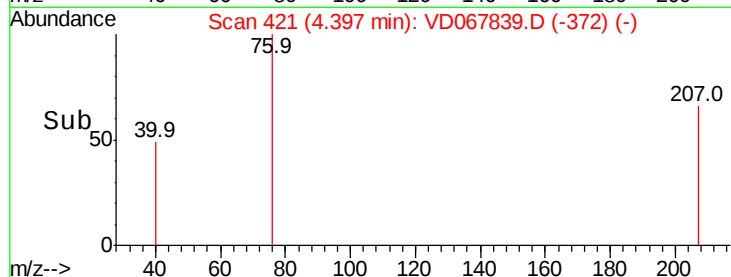
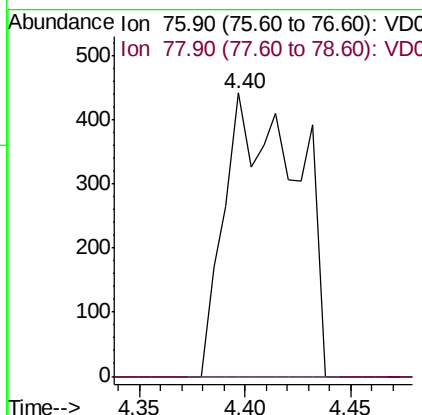
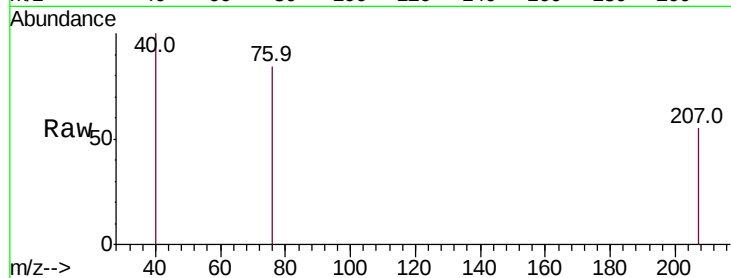




#17
Carbon Disulfide
Concen: 8.566 ug/l
RT: 4.40 min Scan# 421
Delta R.T. -0.01 min
Lab File: VD067839.D
Acq: 02 Dec 2020 16:53

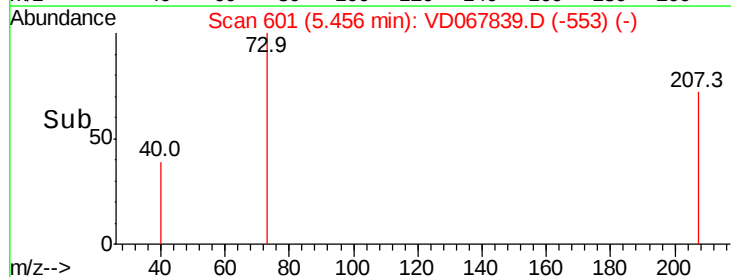
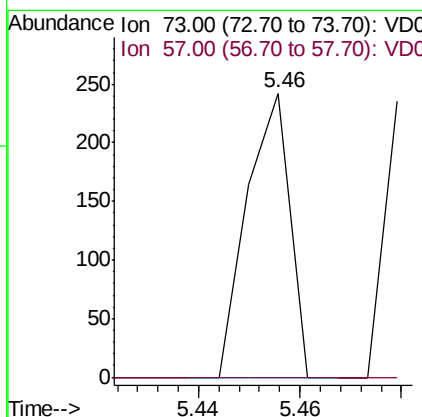
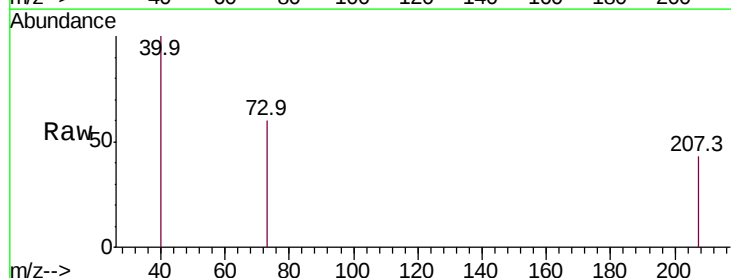
Instrument :
MSVOA_D
ClientSampleId :
ROCK-HILL-SLOPE-EMBANKMENT-

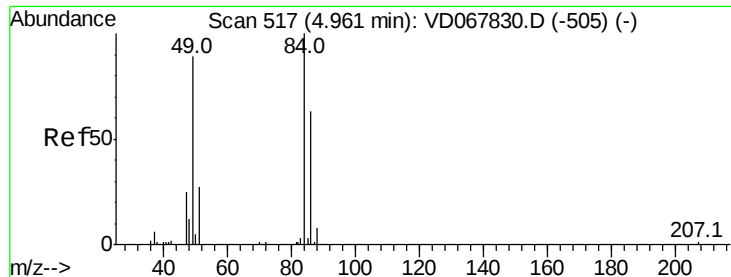
Tot Ion: 76 Resp: 1049
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.6#



#19
Methyl tert-butyl Ether
Concen: 1.533 ug/l
RT: 5.46 min Scan# 601
Delta R.T. -0.02 min
Lab File: VD067839.D
Acq: 02 Dec 2020 16:53

Tgt Ion: 73 Resp: 144
Ion Ratio Lower Upper
73 100
57 0.0 13.2 19.8#

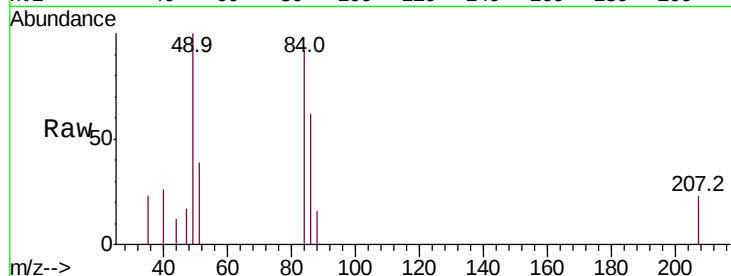




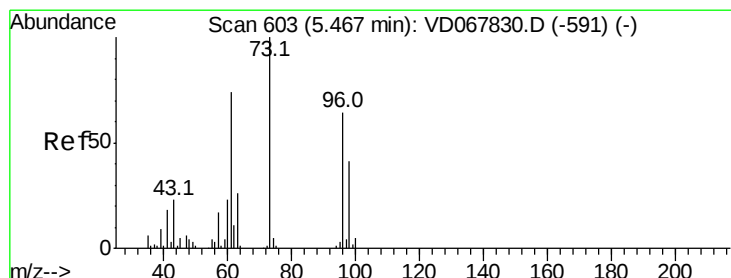
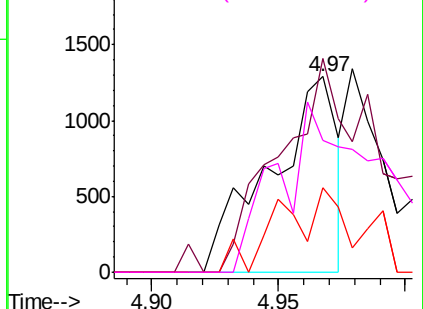
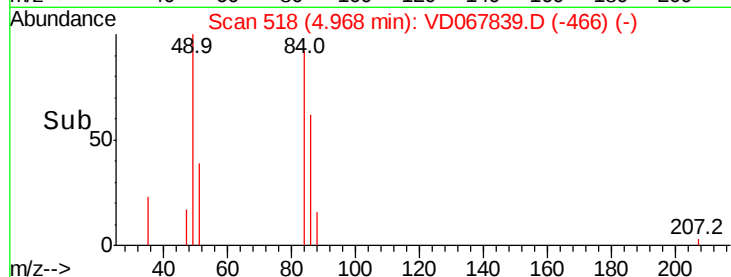
#20
Methvlene Chloride
Concen: 52.368 ug/l
RT: 4.97 min Scan# 518
Delta R.T. 0.01 min
Lab File: VD067839.D
Acq: 02 Dec 2020 16:53

Instrument :
MSVOA_D
ClientSampleId :
ROCK-HILL-SLOPE-EMBANKMENT-

Tot Ion: 84 Resp: 2373
Ion Ratio Lower Upper
84 100
49 95.0 71.4 107.0
51 43.1 21.8 32.8#
86 67.4 50.6 75.8

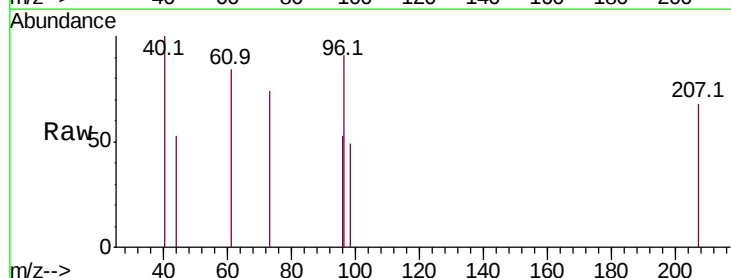


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

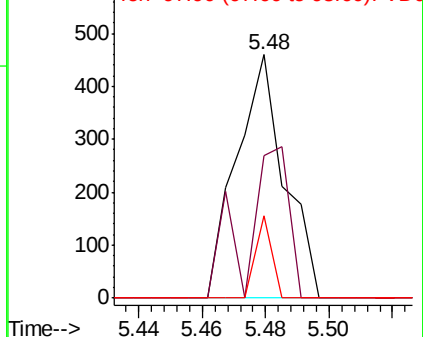
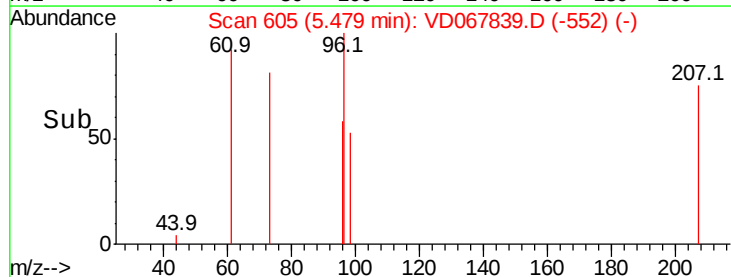


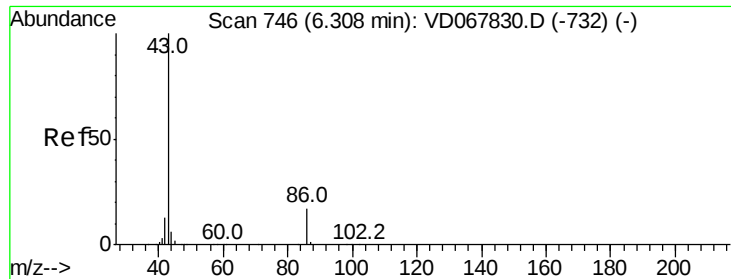
#21
trans-1,2-Dichloroethene
Concen: 9.657 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.01 min
Lab File: VD067839.D
Acq: 02 Dec 2020 16:53

Tgt Ion: 96 Resp: 482
Ion Ratio Lower Upper
96 100
61 58.3 93.1 139.7#
98 33.7 52.2 78.2#



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

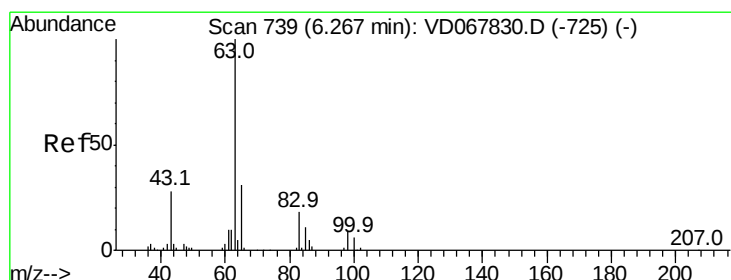
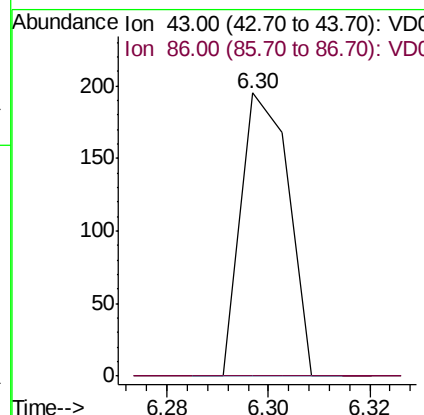
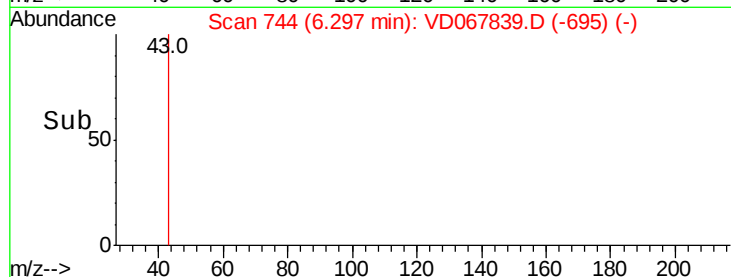
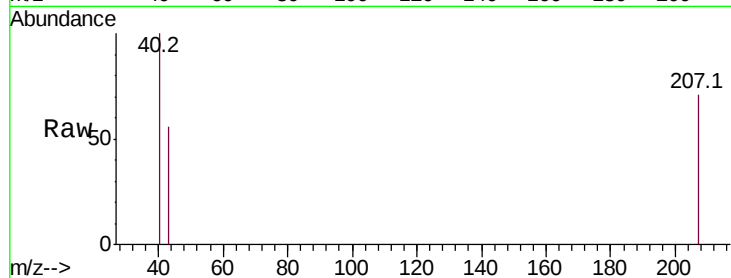




#23
 Vinyl Acetate
 Concen: 2.819 ug/l
 RT: 6.30 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: VD067839.D
 Acq: 02 Dec 2020 16:53

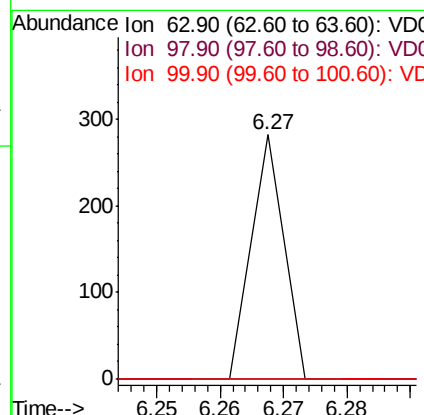
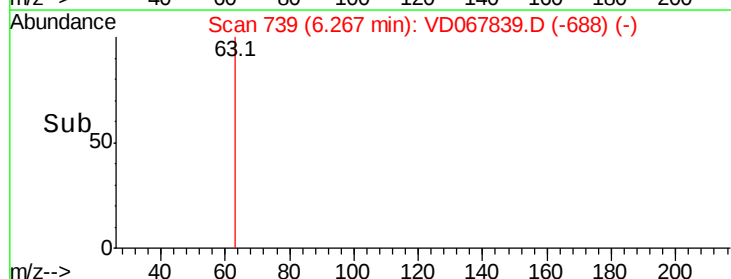
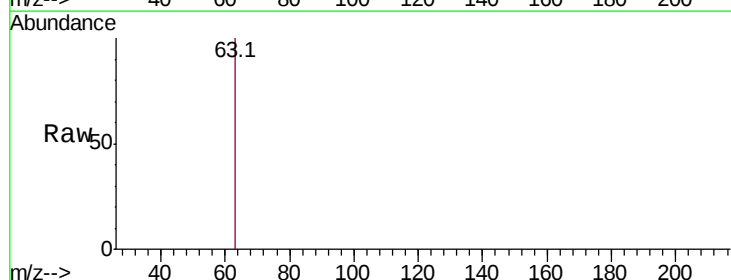
Instrument :
 MSVOA_D
 ClientSampleId :
 ROCK-HILL-SLOPE-EMBANKMENT-

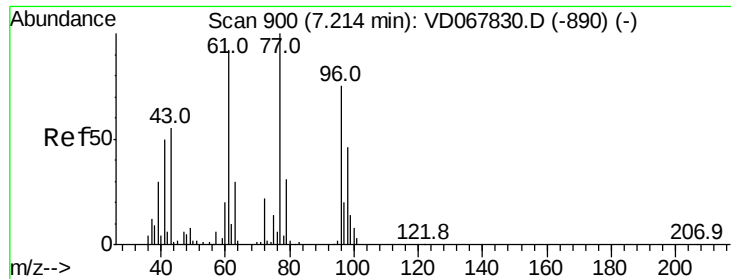
Tot Ion: 43 Resp: 128
 Ion Ratio Lower Upper
 43 100
 86 0.0 13.8 20.6#



#24
 1,1-Dichloroethane
 Concen: 1.398 ug/l
 RT: 6.27 min Scan# 739
 Delta R.T. 0.00 min
 Lab File: VD067839.D
 Acq: 02 Dec 2020 16:53

Tgt Ion: 63 Resp: 100
 Ion Ratio Lower Upper
 63 100
 98 0.0 4.5 13.5#
 100 0.0 3.0 9.2#





#25

2-Butanone

Concen: 46.579 ug/l

RT: 7.20 min Scan# 897

Delta R.T. -0.02 min

Lab File: VD067839.D

Acq: 02 Dec 2020 16:53

Instrument :

MSVOA_D

ClientSampleId :

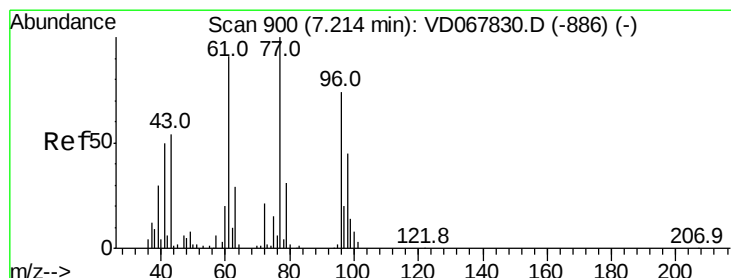
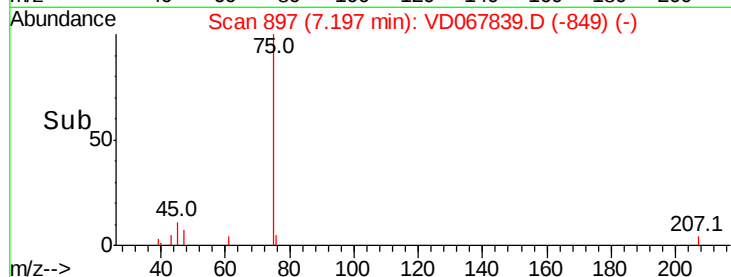
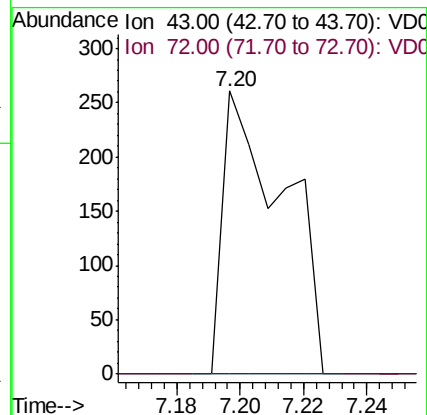
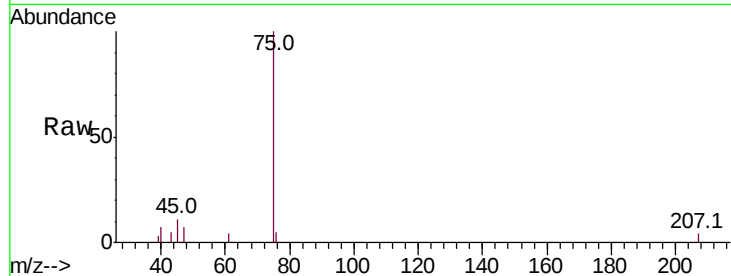
ROCK-HILL-SLOPE-EMBANKMENT-

Tot Ion: 43 Resp: 344

Ion Ratio Lower Upper

43 100

72 0.0 31.3 46.9#



#26

2,2-Dichloropropane

Concen: 6.670 ug/l

RT: 7.20 min Scan# 898

Delta R.T. -0.01 min

Lab File: VD067839.D

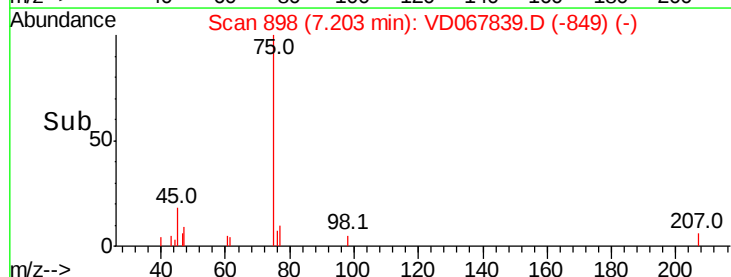
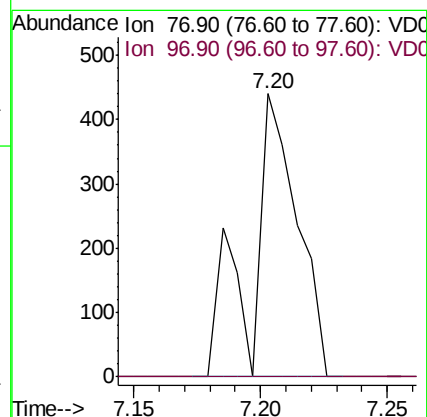
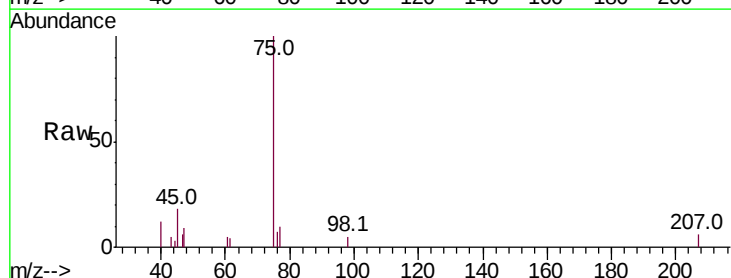
Acq: 02 Dec 2020 16:53

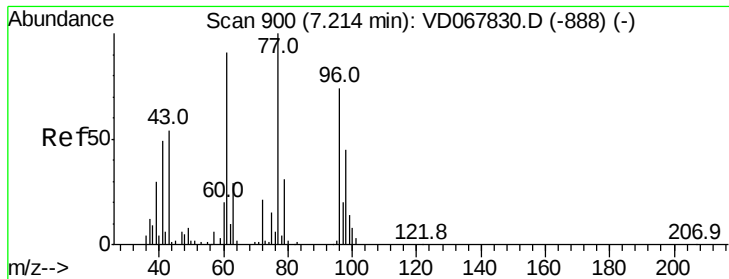
Tgt Ion: 77 Resp: 569

Ion Ratio Lower Upper

77 100

97 0.0 11.1 33.1#



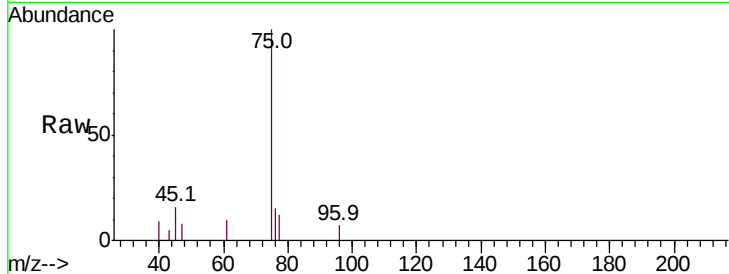


#27

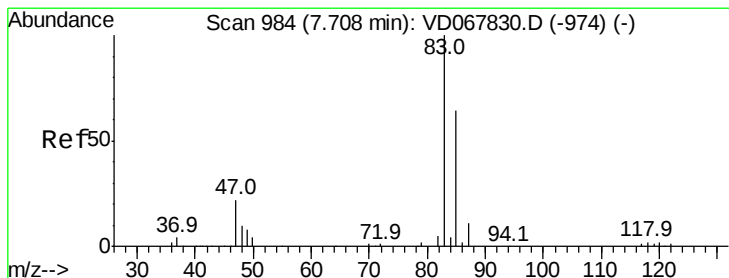
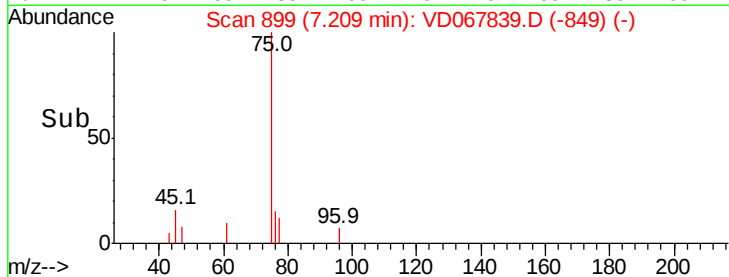
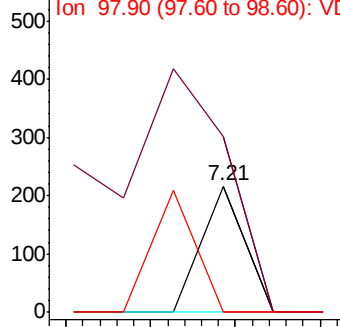
cis-1,2-Dichloroethene
 Concen: 1.392 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VD067839.D
 Acq: 02 Dec 2020 16:53

Instrument :
 MSVOA_D
 ClientSampleId :
 ROCK-HILL-SLOPE-EMBANKMENT-

Tot Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	248.4
98	97.4	0.0	127.4



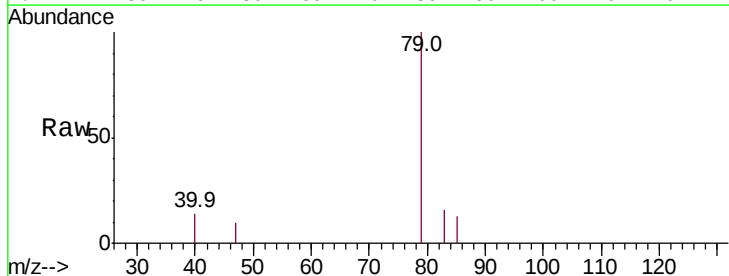
Abundance Ion 95.90 (95.60 to 96.60): VDC
 Ion 60.90 (60.60 to 61.60): VDC
 Ion 97.90 (97.60 to 98.60): VDC



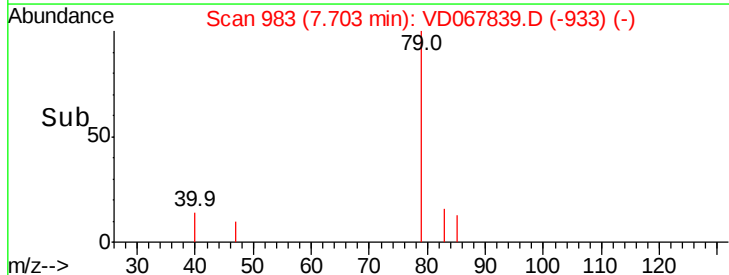
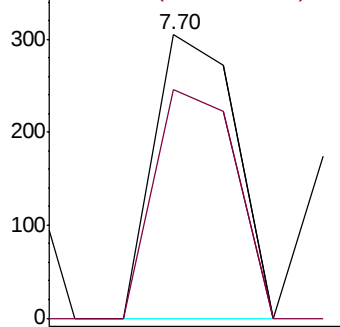
#30

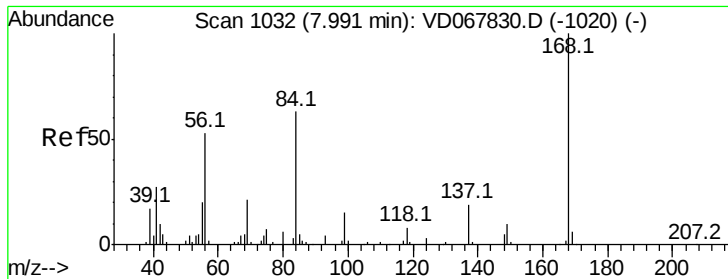
Chloroform
 Concen: 2.134 ug/l
 RT: 7.70 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: VD067839.D
 Acq: 02 Dec 2020 16:53

Tgt Ion	Ratio	Lower	Upper
83	100		
85	80.7	51.0	76.4#



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

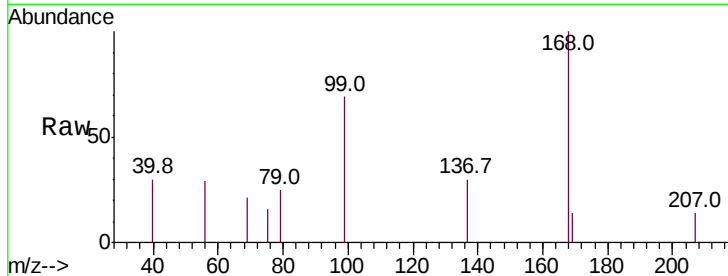




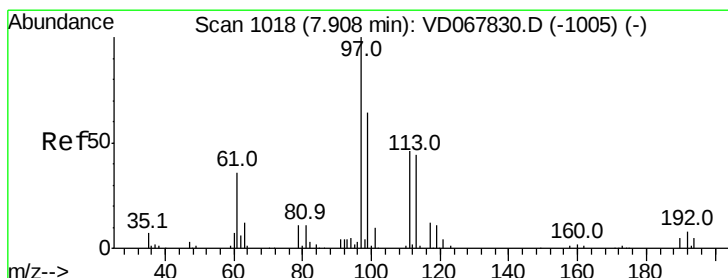
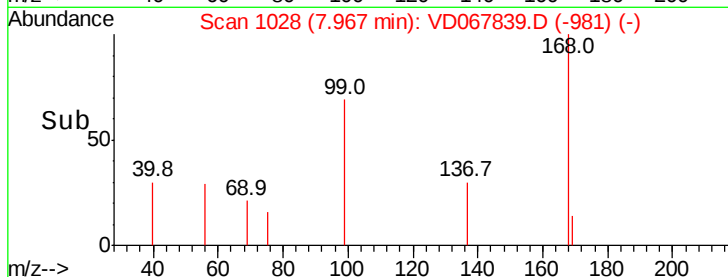
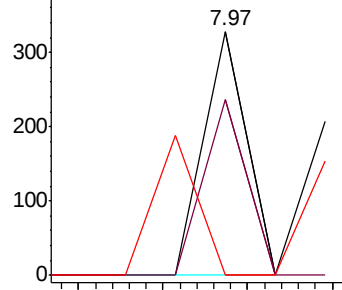
#31
Cvclohexane
Concen: 1.938 ug/l
RT: 7.97 min Scan# 1028
Delta R.T. -0.02 min
Lab File: VD067839.D
Acq: 02 Dec 2020 16:53

Instrument :
MSVOA_D
ClientSampleId :
ROCK-HILL-SLOPE-EMBANKMENT-

Tot Ion: 56 Resp: 116
Ion Ratio Lower Upper
56 100
69 72.3 32.1 48.1#
84 0.0 93.2 139.8#

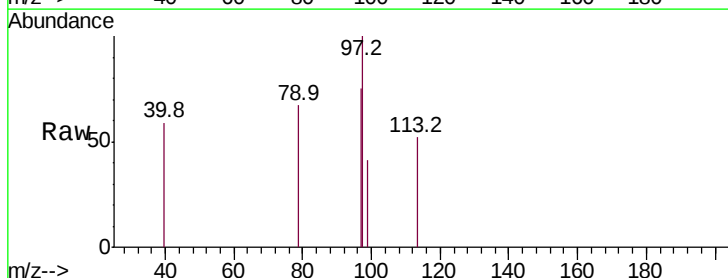


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

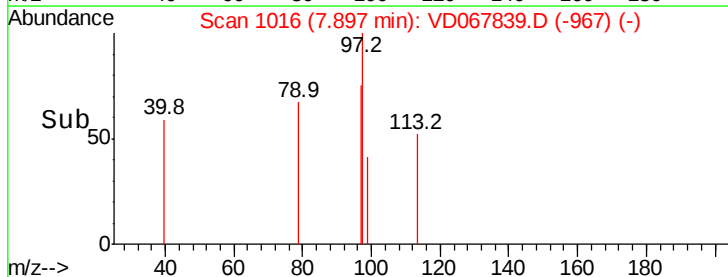
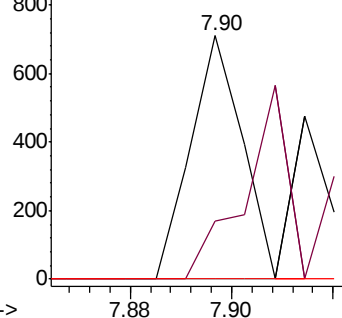


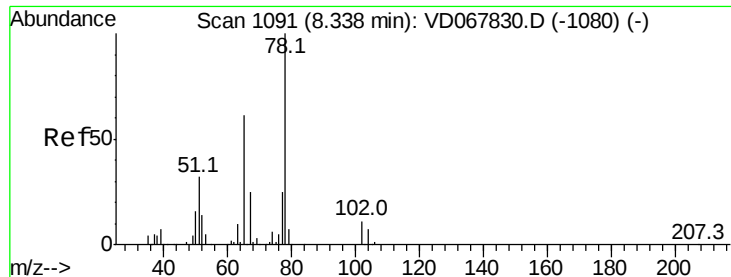
#32
1,1,1-Trichloroethane
Concen: 5.004 ug/l
RT: 7.90 min Scan# 1016
Delta R.T. -0.01 min
Lab File: VD067839.D
Acq: 02 Dec 2020 16:53

Tgt Ion: 97 Resp: 505
Ion Ratio Lower Upper
97 100
99 0.0 51.4 77.2#
61 0.0 30.8 46.2#



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: 39.879 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD067839.D

Acq: 02 Dec 2020 16:53

Instrument :

MSVOA_D

ClientSampleId :

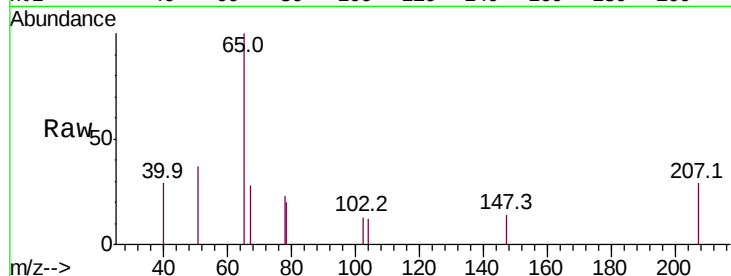
ROCK-HILL-SLOPE-EMBANKMENT-

Tot Ion: 65 Resp: 2266

Ion Ratio Lower Upper

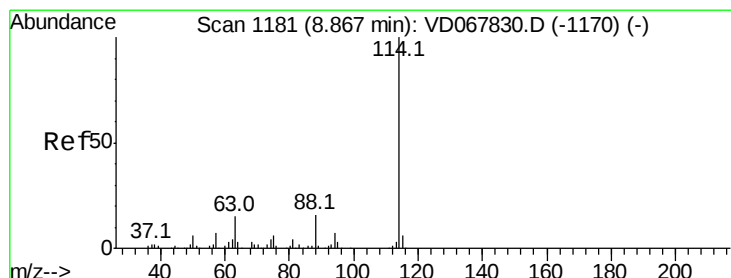
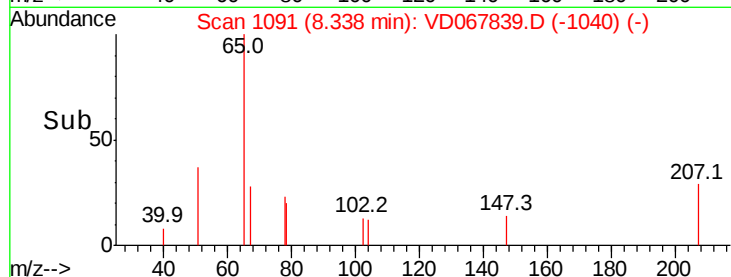
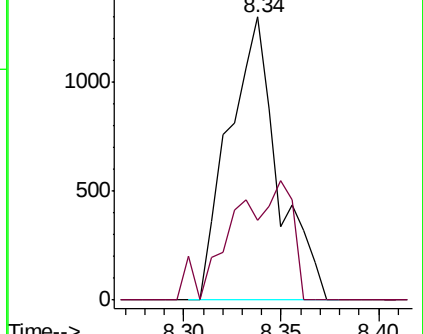
65 100

67 28.8 0.0 92.0



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. 0.00 min

Lab File: VD067839.D

Acq: 02 Dec 2020 16:53

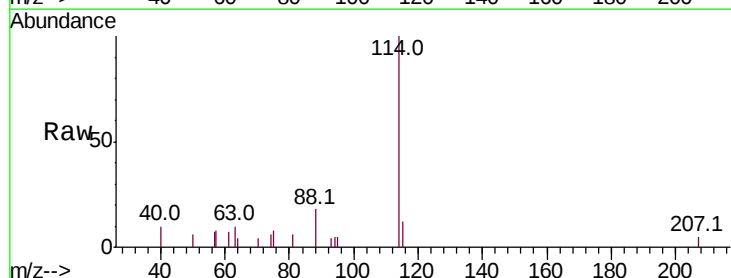
Tgt Ion: 114 Resp: 9217

Ion Ratio Lower Upper

114 100

63 10.4 0.0 30.8

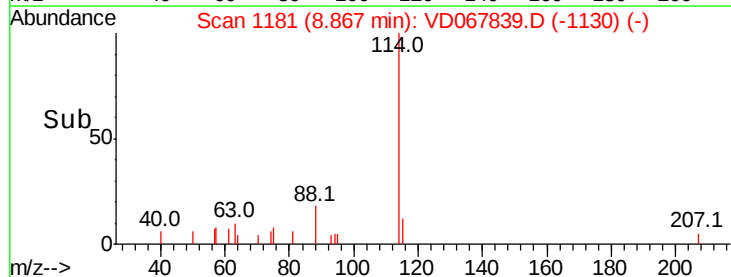
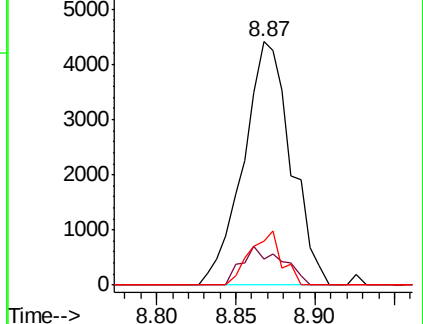
88 18.2 0.0 31.8

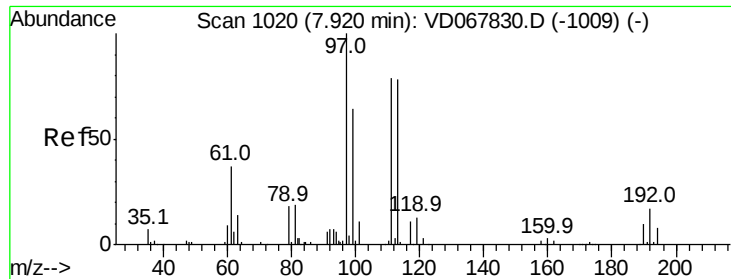


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

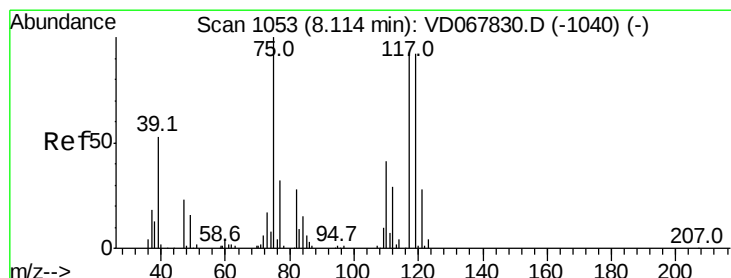
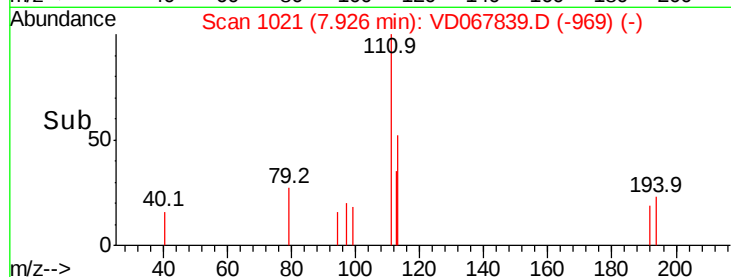
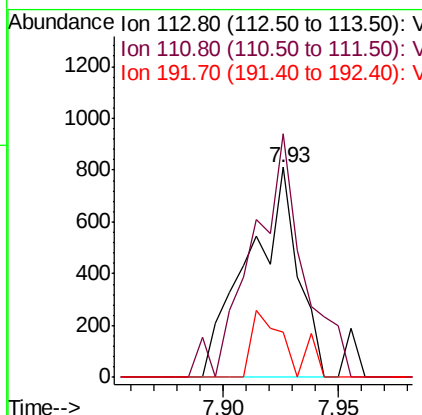
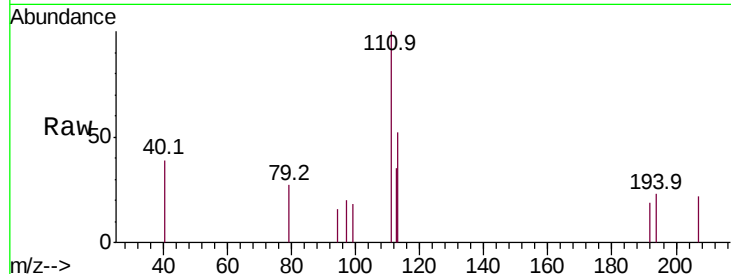




#35
 Dibromofluoromethane
 Concen: 19.538 ug/l
 RT: 7.93 min Scan# 1021
 Delta R.T. 0.01 min
 Lab File: VD067839.D
 Acq: 02 Dec 2020 16:53

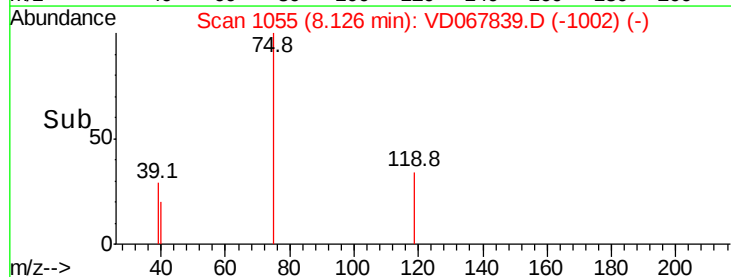
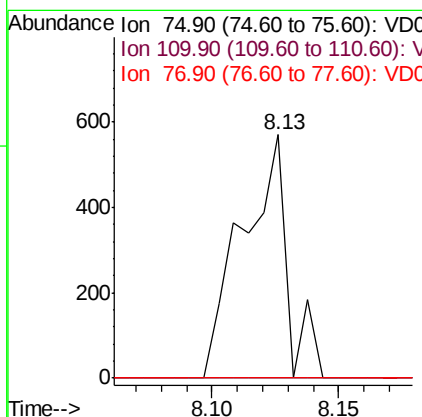
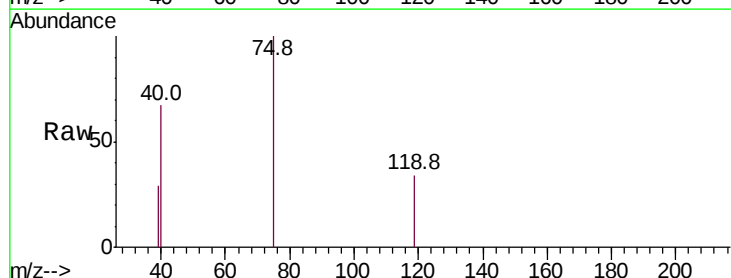
Instrument :
 MSVOA_D
 ClientSampleId :
 ROCK-HILL-SLOPE-EMBANKMENT-

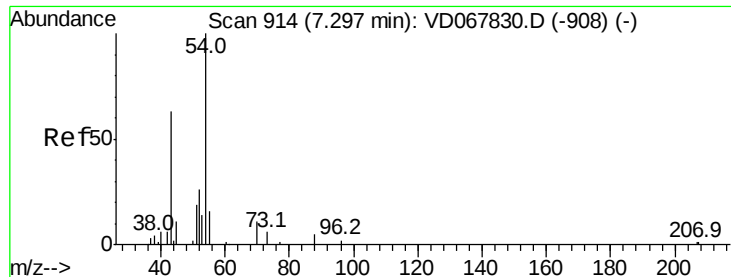
Tot Ion:113 Resp: 1205
 Ion Ratio Lower Upper
 113 100
 111 120.1 81.2 121.8
 192 23.4 16.8 25.2



#36
 1,1-Dichloropropene
 Concen: 8.948 ug/l
 RT: 8.13 min Scan# 1055
 Delta R.T. 0.01 min
 Lab File: VD067839.D
 Acq: 02 Dec 2020 16:53

Tgt Ion: 75 Resp: 714
 Ion Ratio Lower Upper
 75 100
 110 0.0 20.3 61.0#
 77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 15.996 ug/l

RT: 7.20 min Scan# 897

Delta R.T. -0.10 min

Lab File: VD067839.D

Acq: 02 Dec 2020 16:53

Instrument :

MSVOA_D

ClientSampleId :

ROCK-HILL-SLOPE-EMBANKMENT-

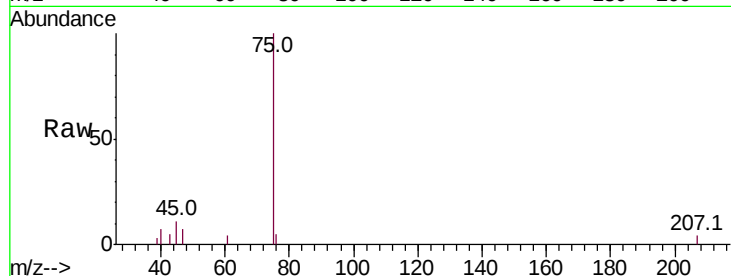
Tot Ion: 43 Resp: 344

Ion Ratio Lower Upper

43 100

61 85.8 11.4 17.2#

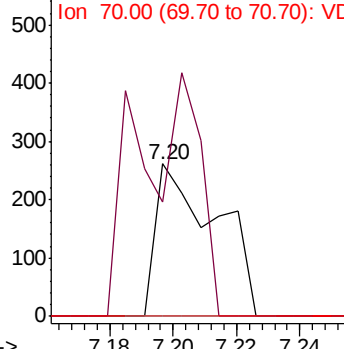
70 0.0 11.5 17.3#



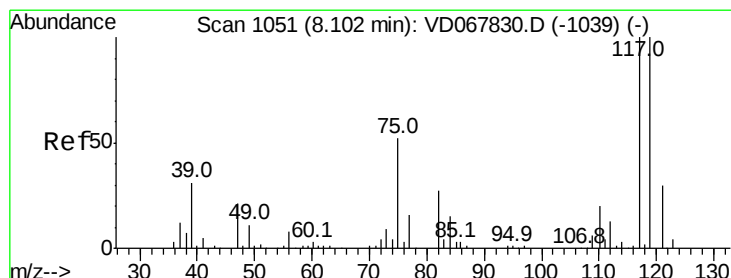
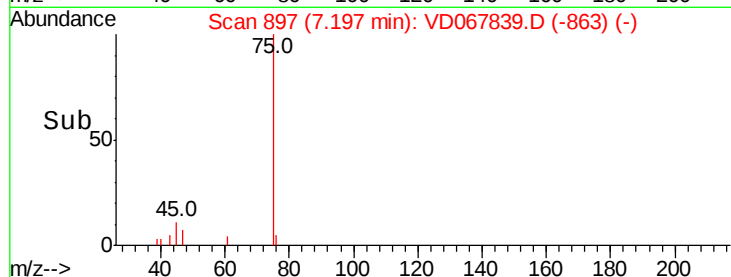
Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 70.00 (69.70 to 70.70): VDC



Time-->



#38

Carbon Tetrachloride

Concen: 1.789 ug/l

RT: 8.09 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VD067839.D

Acq: 02 Dec 2020 16:53

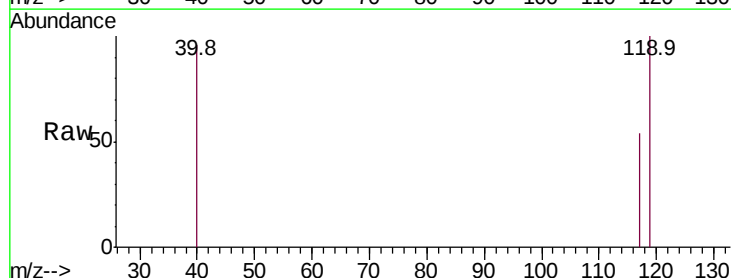
Tgt Ion: 117 Resp: 216

Ion Ratio Lower Upper

117 100

119 183.8 79.7 119.5#

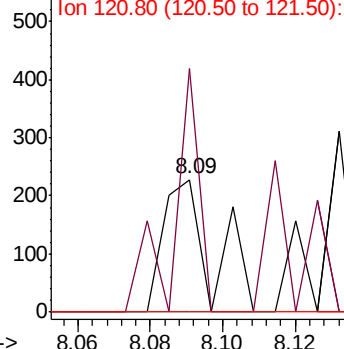
121 0.0 23.8 35.6#



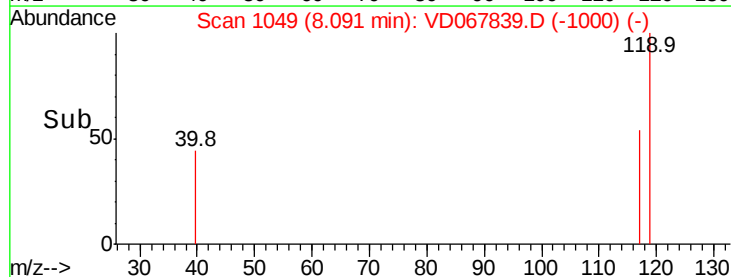
Abundance Ion 116.80 (116.50 to 117.50): V

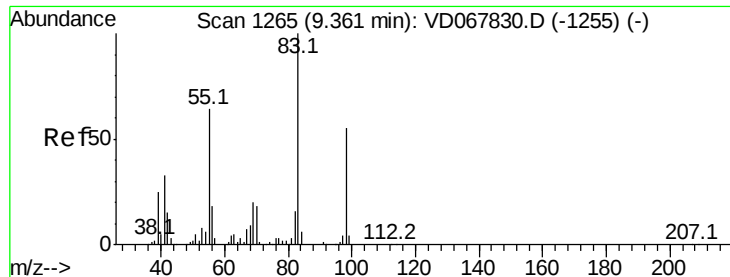
Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



Time-->

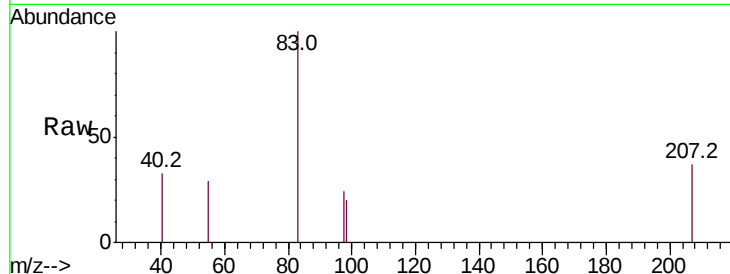




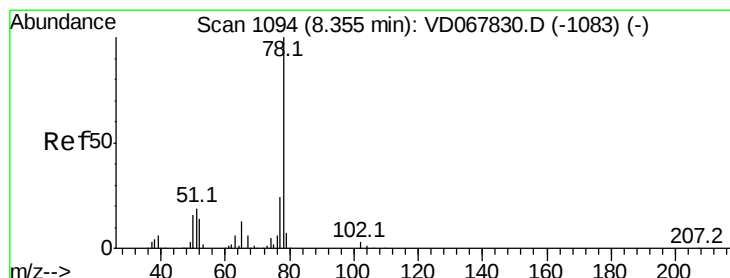
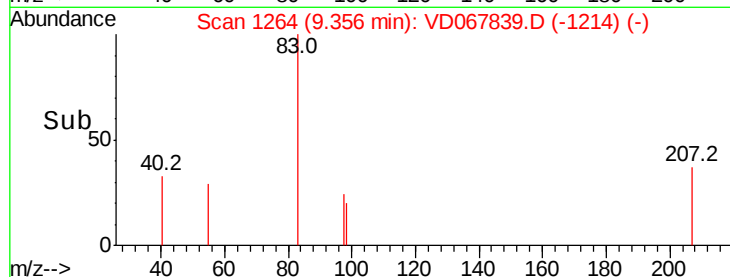
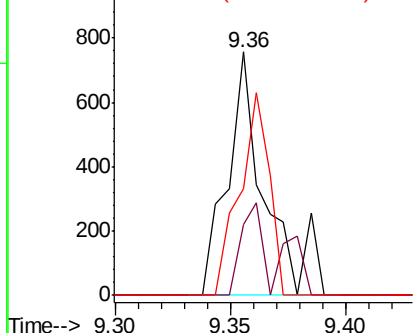
#39
Methvlcvclohexane
Concen: 9.148 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.01 min
Lab File: VD067839.D
Acq: 02 Dec 2020 16:53

Instrument :
MSVOA_D
ClientSampleId :
ROCK-HILL-SLOPE-EMBANKMENT-

Tot Ion: 83 Resp: 865
Ion Ratio Lower Upper
83 100
55 28.9 51.6 77.4#
98 43.9 44.3 66.5#

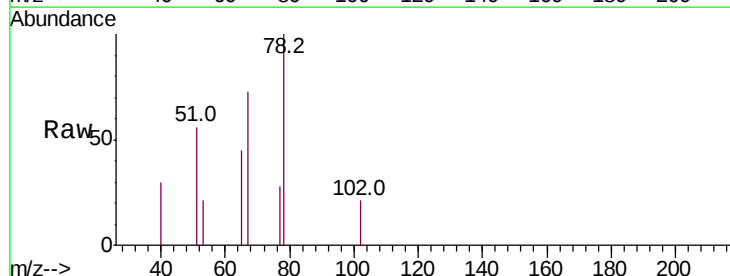


Abundance Ion 83.00 (82.70 to 83.70): VDC
Ion 55.00 (54.70 to 55.70): VDC
Ion 98.00 (97.70 to 98.70): VDC

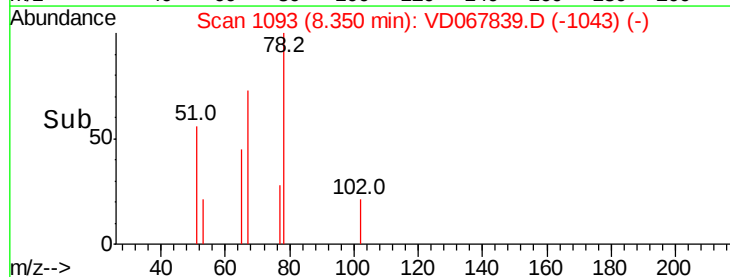
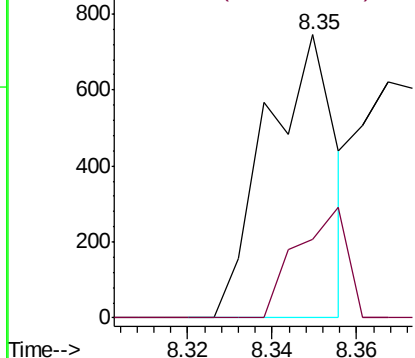


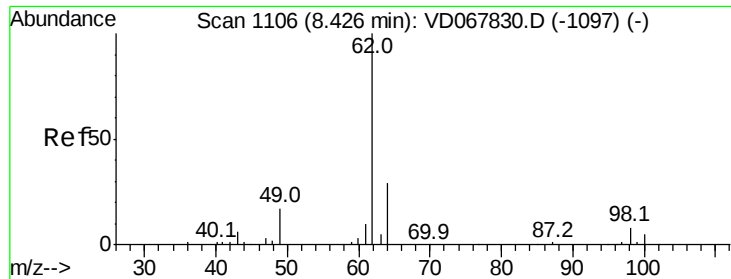
#40
Benzene
Concen: 3.866 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD067839.D
Acq: 02 Dec 2020 16:53

Tgt Ion: 78 Resp: 844
Ion Ratio Lower Upper
78 100
77 27.7 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VDC
Ion 77.00 (76.70 to 77.70): VDC





#42

1,2-Dichloroethane

Concen: 1.555 ug/l

RT: 8.44 min Scan# 1108

Delta R.T. 0.01 min

Lab File: VD067839.D

Acq: 02 Dec 2020 16:53

Instrument :

MSVOA_D

ClientSampleId :

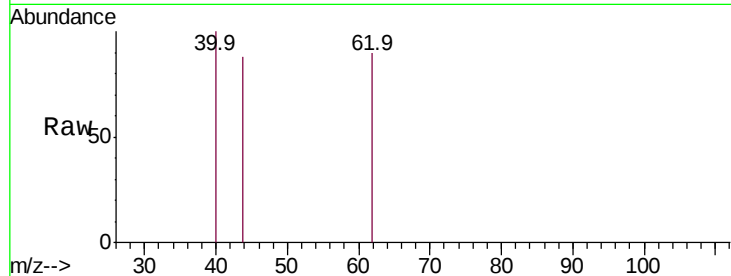
ROCK-HILL-SLOPE-EMBANKMENT-

Tot Ion: 62 Resp: 121

Ion Ratio Lower Upper

62 100

98 0.0 0.0 17.2



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

8.44

150

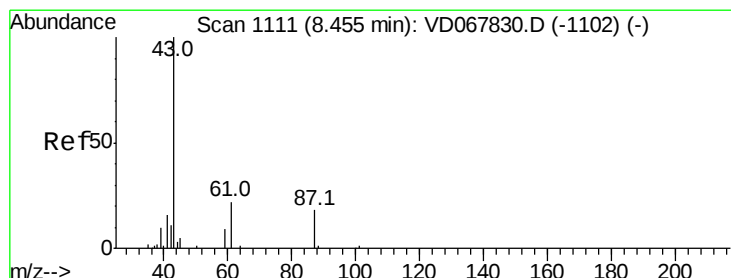
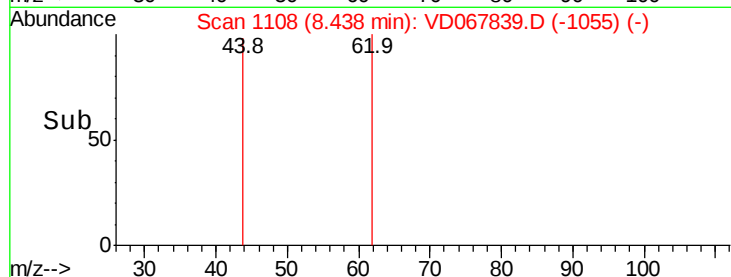
100

50

0

8.42 8.44 8.46

Time-->



#43

Isopropyl Acetate

Concen: 1.962 ug/l

RT: 8.30 min Scan# 1085

Delta R.T. -0.15 min

Lab File: VD067839.D

Acq: 02 Dec 2020 16:53

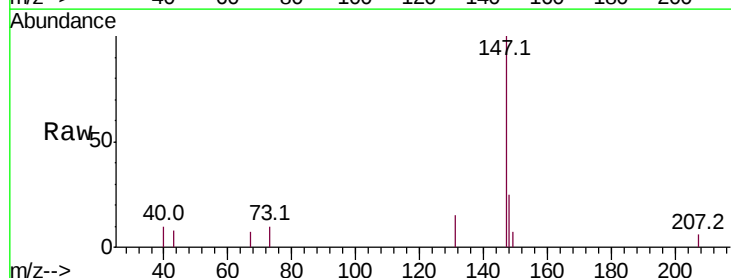
Tgt Ion: 43 Resp: 83

Ion Ratio Lower Upper

43 100

61 0.0 30.4 45.6#

87 71.1 16.2 24.2#



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

8.30

300

250

200

150

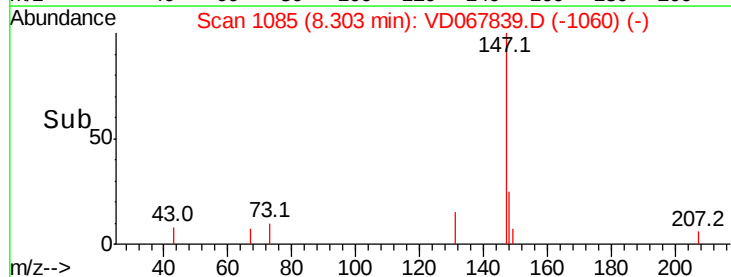
100

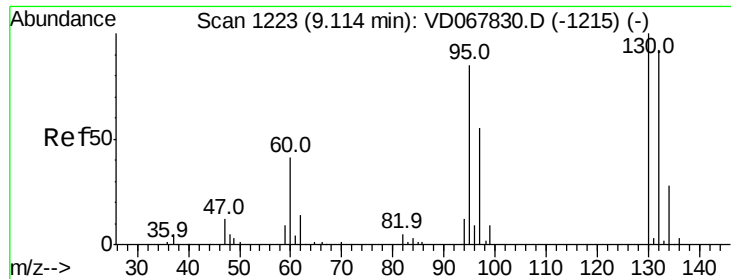
50

0

8.28 8.29 8.30 8.31 8.32

Time-->





#44

Trichloroethene

Concen: 2.278 ug/l

RT: 9.12 min Scan# 1224

Delta R.T. 0.01 min

Lab File: VD067839.D

Acq: 02 Dec 2020 16:53

Instrument :

MSVOA_D

ClientSampleId :

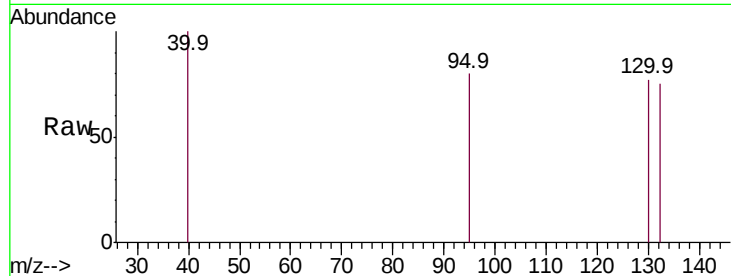
ROCK-HILL-SLOPE-EMBANKMENT-

Tot Ion:130 Resp: 171

Ion Ratio Lower Upper

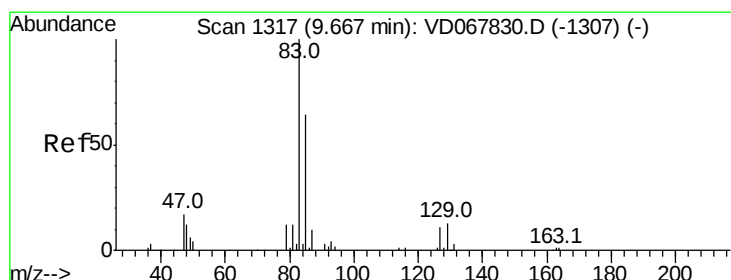
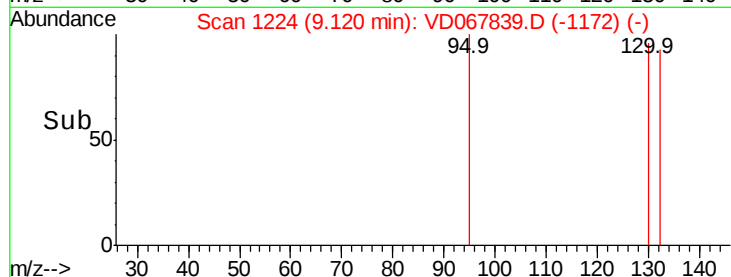
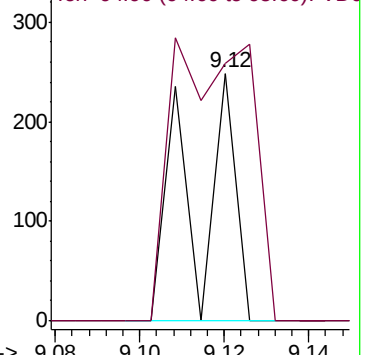
130 100

95 104.0 0.0 170.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC



#47

Bromodichloromethane

Concen: 3.501 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VD067839.D

Acq: 02 Dec 2020 16:53

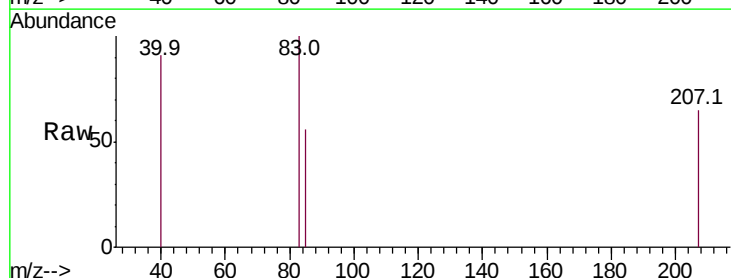
Tgt Ion: 83 Resp: 311

Ion Ratio Lower Upper

83 100

85 55.7 51.4 77.0

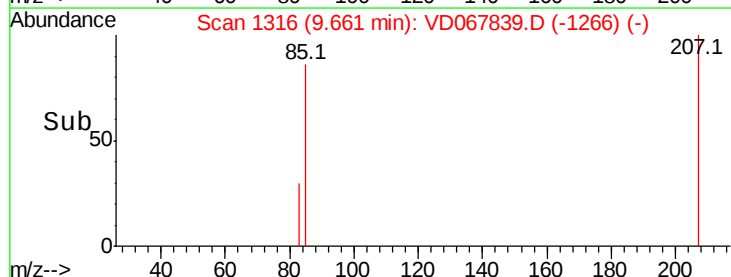
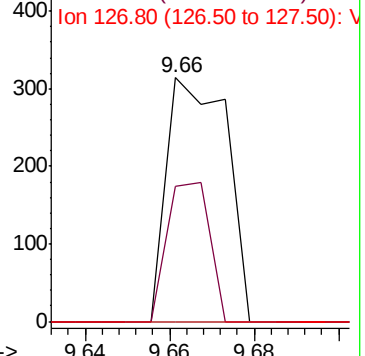
127 0.0 8.5 12.7#

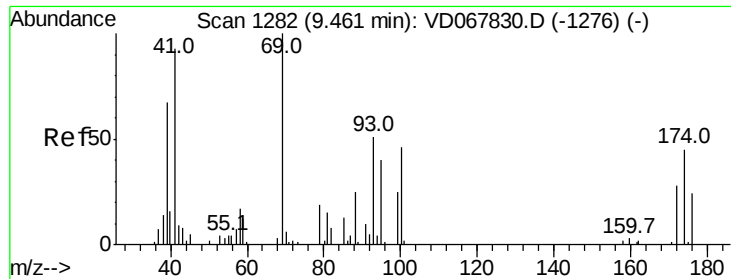


Abundance Ion 82.90 (82.60 to 83.60): VDC

Ion 84.90 (84.60 to 85.60): VDC

Ion 126.80 (126.50 to 127.50): V

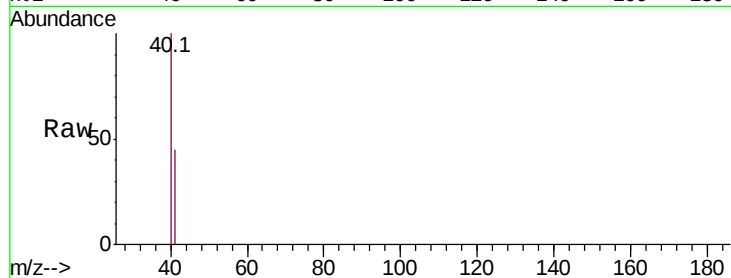




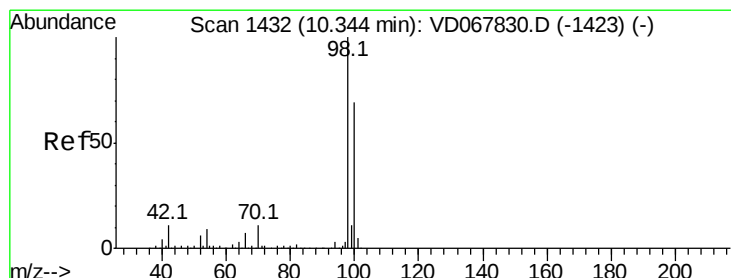
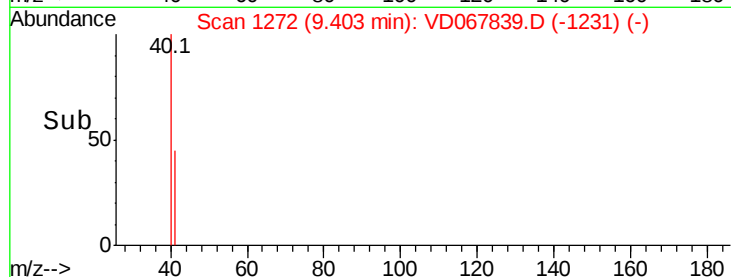
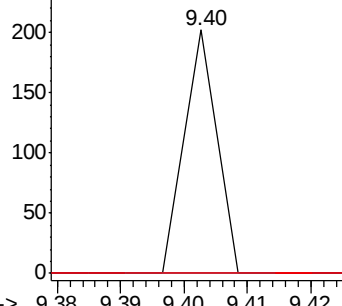
#48
Methvl methacrylate
Concen: 3.304 ug/l
RT: 9.40 min Scan# 1272
Delta R.T. -0.06 min
Lab File: VD067839.D
Acq: 02 Dec 2020 16:53

Instrument :
MSVOA_D
ClientSampleId :
ROCK-HILL-SLOPE-EMBANKMENT-

Tot Ion: 41 Resp: 71
Ion Ratio Lower Upper
41 100
69 0.0 87.6 131.4#
39 0.0 61.2 91.8#

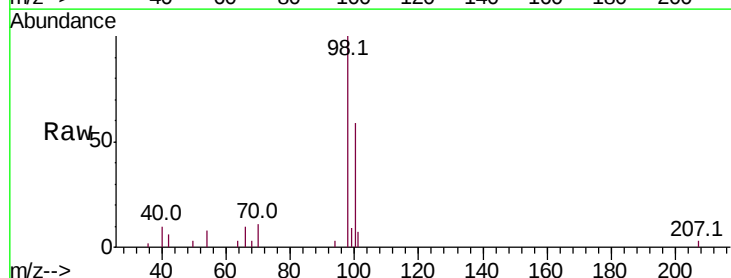


Abundance Ion 41.00 (40.70 to 41.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 39.00 (38.70 to 39.70): VDC

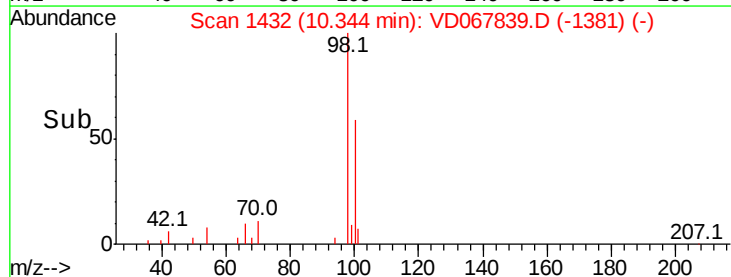
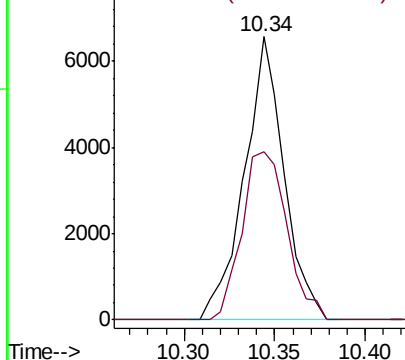


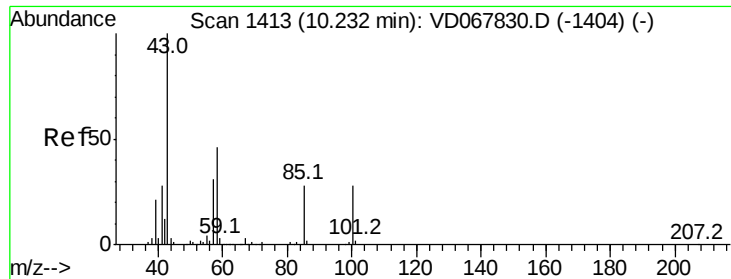
#50
Toluene-d8
Concen: 44.992 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067839.D
Acq: 02 Dec 2020 16:53

Tgt Ion: 98 Resp: 9989
Ion Ratio Lower Upper
98 100
100 67.8 52.9 79.3



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





#51

4-Methyl-2-Pentanone

Concen: 10.736 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.01 min

Lab File: VD067839.D

Acq: 02 Dec 2020 16:53

Instrument :

MSVOA_D

ClientSampleId :

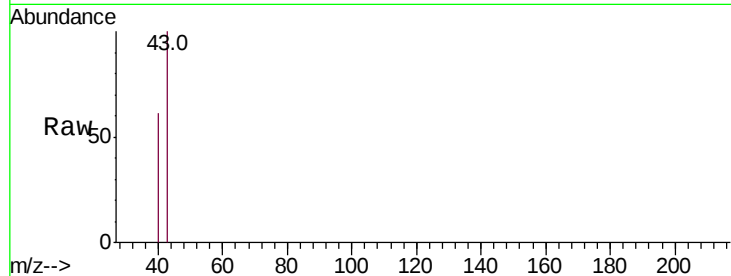
ROCK-HILL-SLOPE-EMBANKMENT-

Tot Ion: 43 Resp: 215

Ion Ratio Lower Upper

43 100

58 0.0 35.7 53.5#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

10.23

400

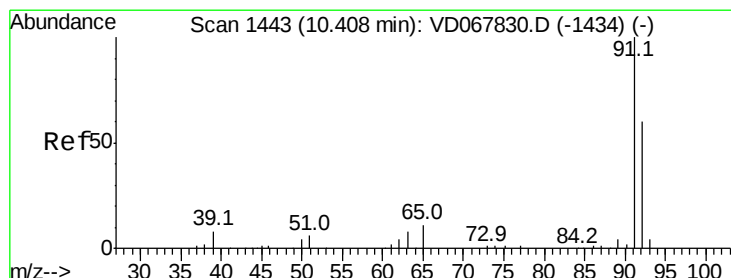
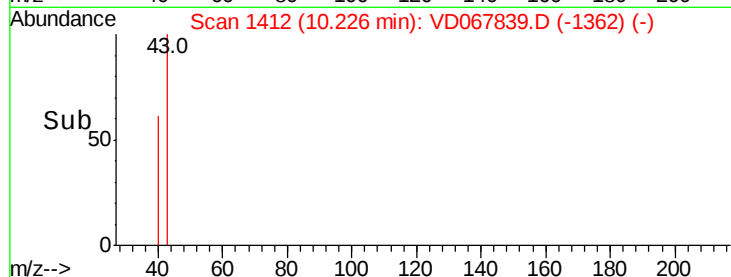
300

200

100

0

Time--> 10.20 10.22 10.24



#52

Toluene

Concen: 6.269 ug/l

RT: 10.42 min Scan# 1445

Delta R.T. 0.01 min

Lab File: VD067839.D

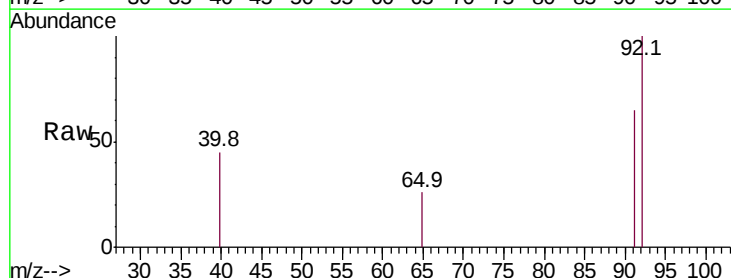
Acq: 02 Dec 2020 16:53

Tgt Ion: 92 Resp: 957

Ion Ratio Lower Upper

92 100

91 163.1 134.2 201.2



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

1200

1000

800

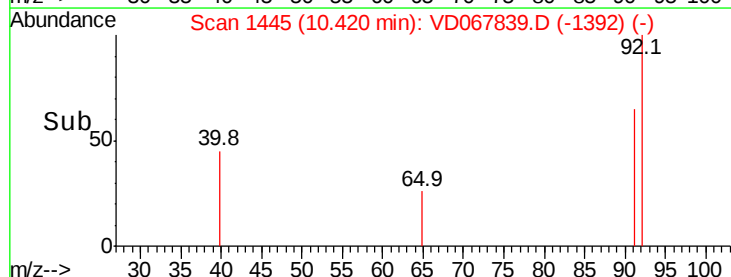
600

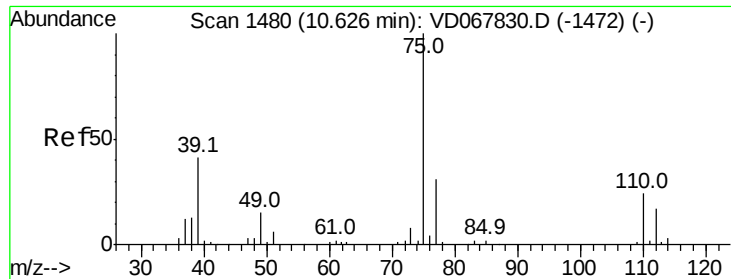
400

200

0

Time--> 10.40





#53

t-1,3-Dichloropropene

Concen: 2.348 ug/l

RT: 10.62 min Scan# 1479

Delta R.T. -0.01 min

Lab File: VD067839.D

Acq: 02 Dec 2020 16:53

Instrument :

MSVOA_D

ClientSampleId :

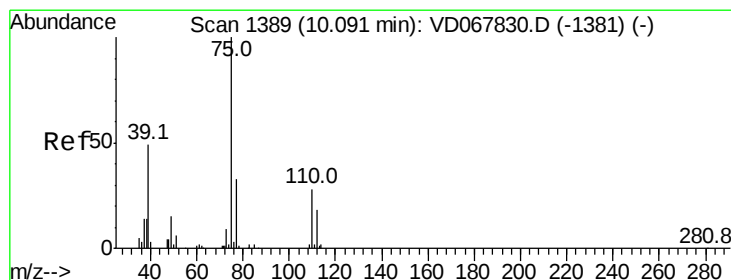
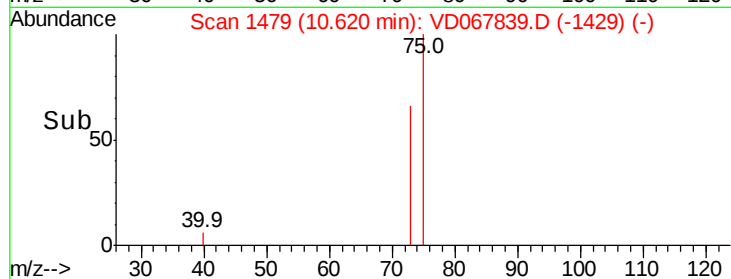
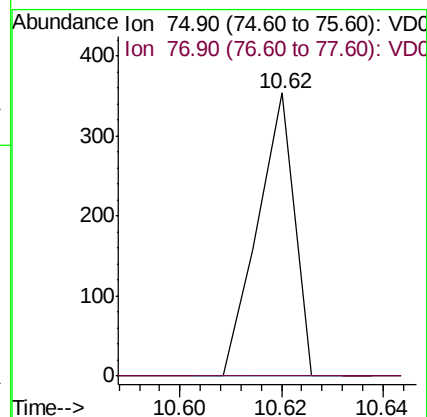
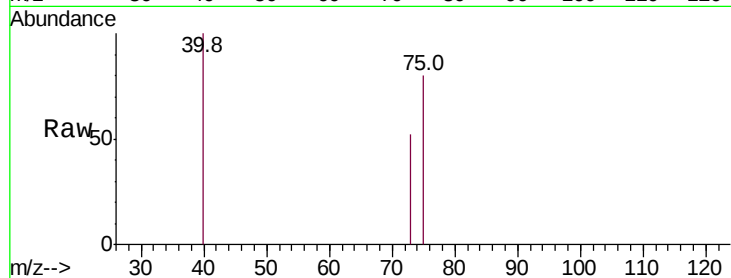
ROCK-HILL-SLOPE-EMBANKMENT-

Tot Ion: 75 Resp: 180

Ion Ratio Lower Upper

75 100

77 0.0 25.0 37.4#



#54

cis-1,3-Dichloropropene

Concen: 1.787 ug/l

RT: 10.10 min Scan# 1390

Delta R.T. 0.01 min

Lab File: VD067839.D

Acq: 02 Dec 2020 16:53

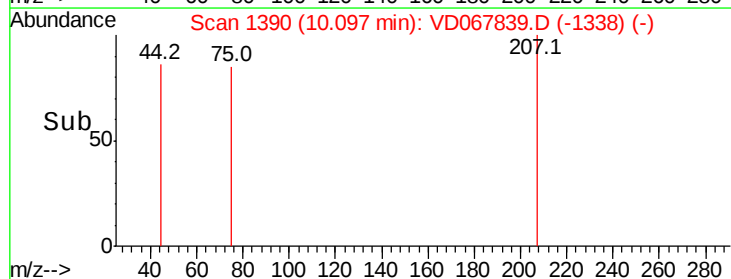
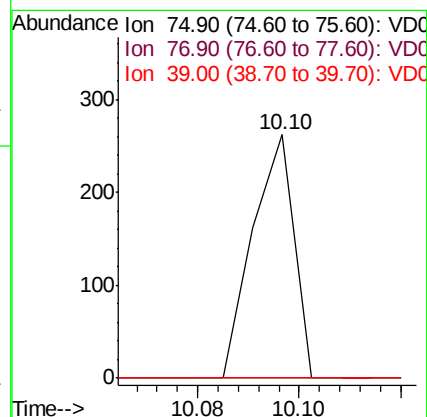
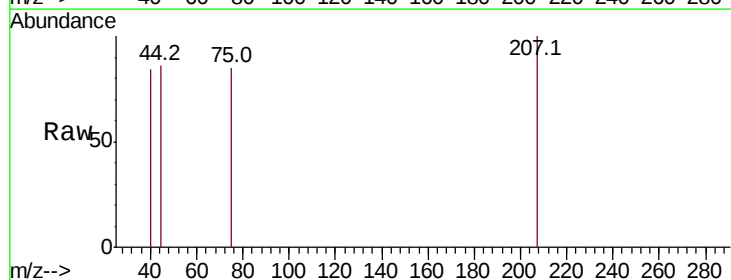
Tgt Ion: 75 Resp: 149

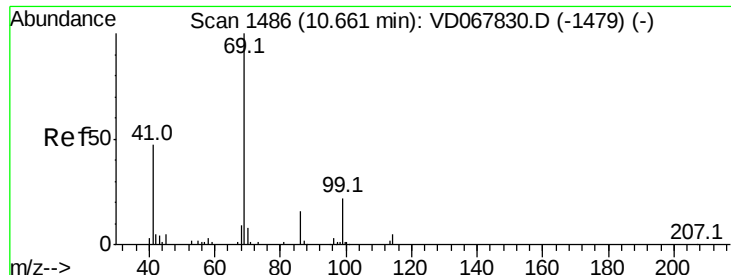
Ion Ratio Lower Upper

75 100

77 0.0 26.2 39.2#

39 0.0 39.0 58.4#





#56

Ethyl methacrylate

Concen: 2.490 ug/l

RT: 10.66 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VD067839.D

Acq: 02 Dec 2020 16:53

Instrument :

MSVOA_D

ClientSampleId :

ROCK-HILL-SLOPE-EMBANKMENT-

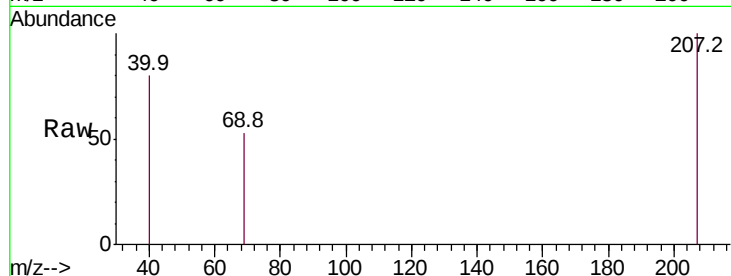
Tot Ion: 69 Resp: 108

Ion Ratio Lower Upper

69 100

41 0.0 42.8 64.2#

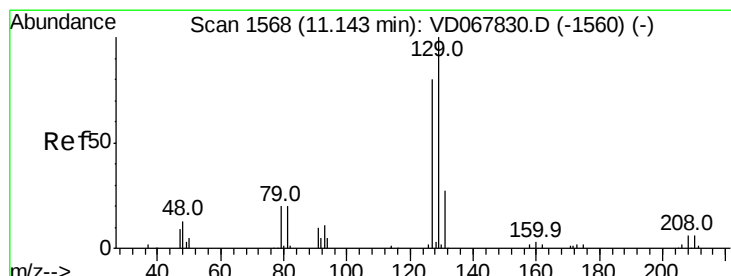
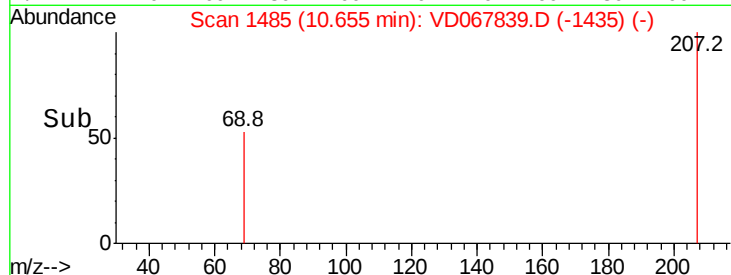
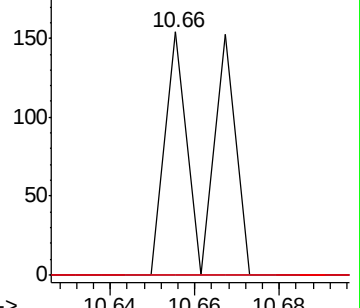
39 0.0 30.5 45.7#



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



#60

Dibromochloromethane

Concen: 1.494 ug/l

RT: 11.15 min Scan# 1569

Delta R.T. 0.01 min

Lab File: VD067839.D

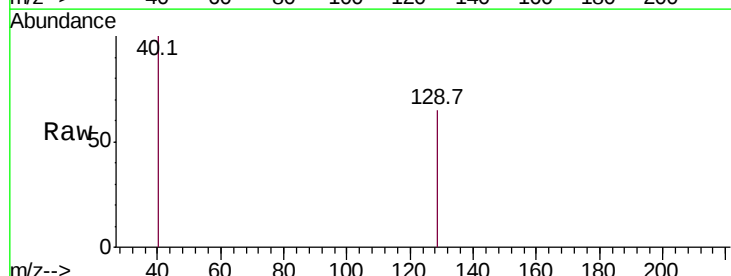
Acq: 02 Dec 2020 16:53

Tgt Ion: 129 Resp: 96

Ion Ratio Lower Upper

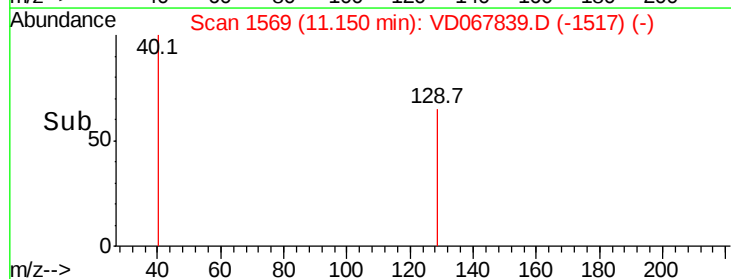
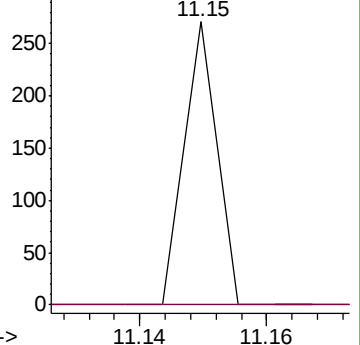
129 100

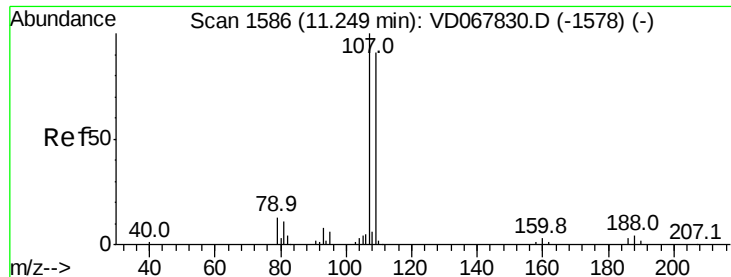
127 0.0 39.2 117.6#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V





#61

1,2-Dibromoethane

Concen: 1.693 ug/l

RT: 11.24 min Scan# 1585

Delta R.T. -0.01 min

Lab File: VD067839.D

Acq: 02 Dec 2020 16:53

Instrument :

MSVOA_D

ClientSampleId :

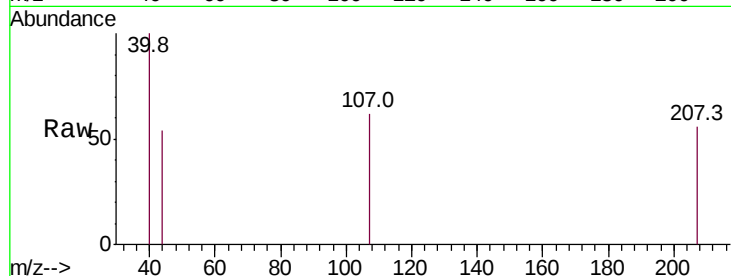
ROCK-HILL-SLOPE-EMBANKMENT-

Tot Ion:107 Resp: 71

Ion Ratio Lower Upper

107 100

109 0.0 75.9 113.9#



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.24

200

150

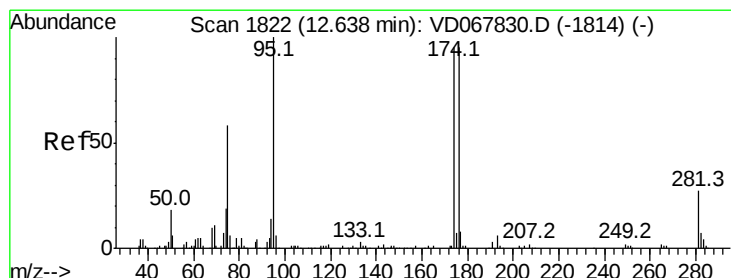
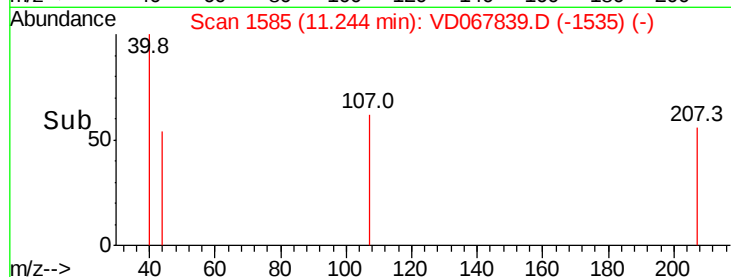
100

50

0

11.24 11.26

Time-->



#62

4-Bromofluorobenzene

Concen: 95.534 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.01 min

Lab File: VD067839.D

Acq: 02 Dec 2020 16:53

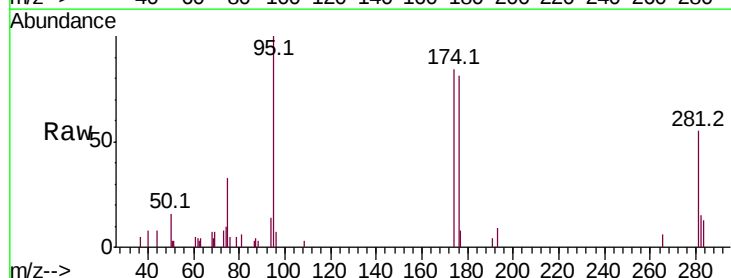
Tgt Ion: 95 Resp: 7333

Ion Ratio Lower Upper

95 100

174 106.3 0.0 186.0

176 96.1 0.0 184.2



Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

6000

5000

4000

3000

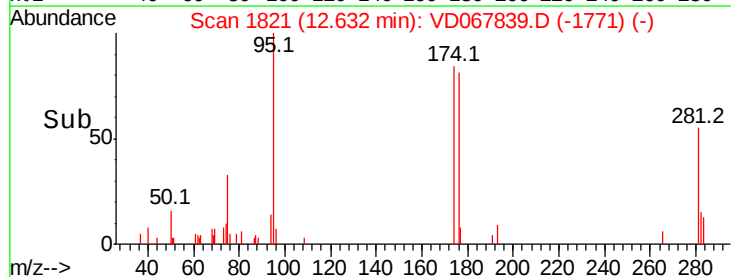
2000

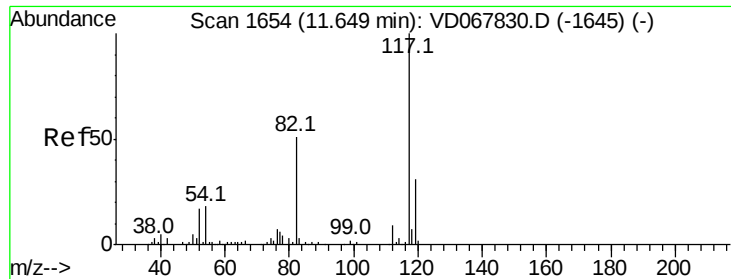
1000

0

12.60 12.63 12.65 12.70

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.00 min

Lab File: VD067839.D

Acq: 02 Dec 2020 16:53

Instrument :

MSVOA_D

ClientSampleId :

ROCK-HILL-SLOPE-EMBANKMENT-

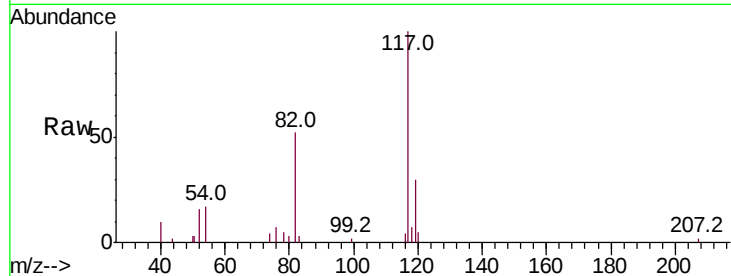
Tot Ion:117 Resp: 14091

Ion Ratio Lower Upper

117 100

82 52.4 40.6 60.8

119 30.2 25.1 37.7

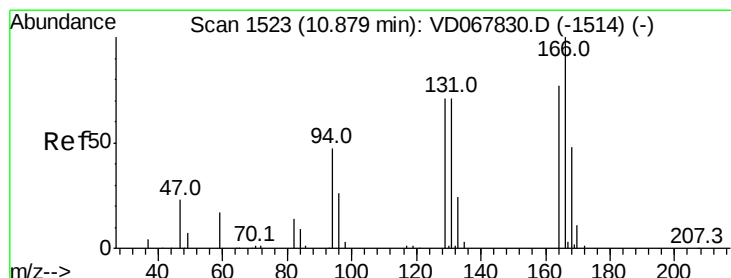
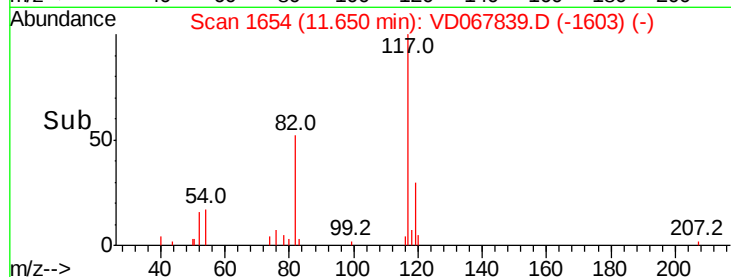
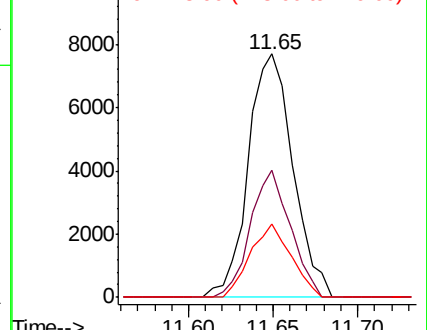


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 4.437 ug/l

RT: 10.87 min Scan# 1522

Delta R.T. -0.01 min

Lab File: VD067839.D

Acq: 02 Dec 2020 16:53

Tgt Ion:164 Resp: 510

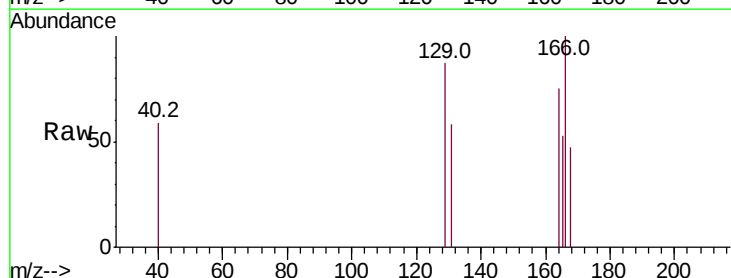
Ion Ratio Lower Upper

164 100

166 204.4 103.8 155.6#

129 116.5 73.3 109.9#

131 76.9 74.1 111.1



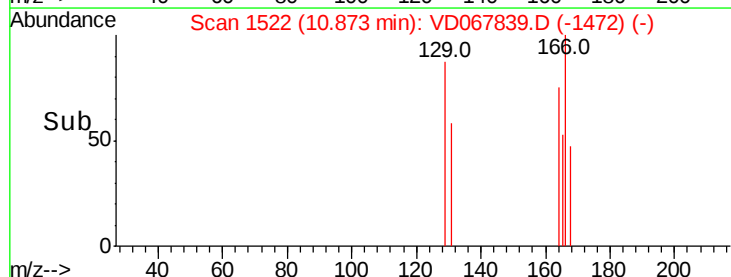
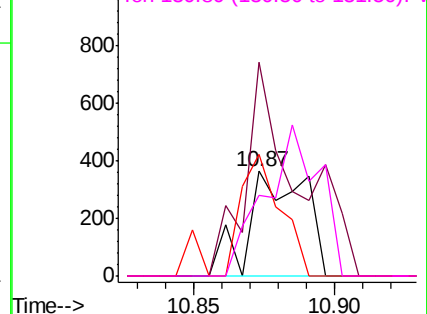
Abundance

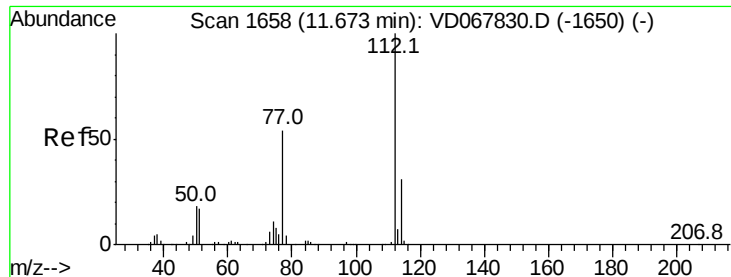
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 3.715 ug/l

RT: 11.67 min Scan# 1658

Delta R.T. 0.00 min

Lab File: VD067839.D

Acq: 02 Dec 2020 16:53

Instrument :

MSVOA_D

ClientSampleId :

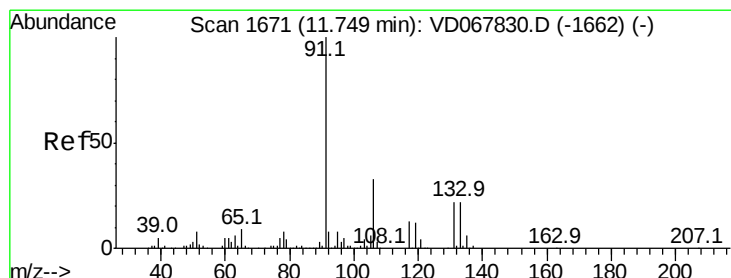
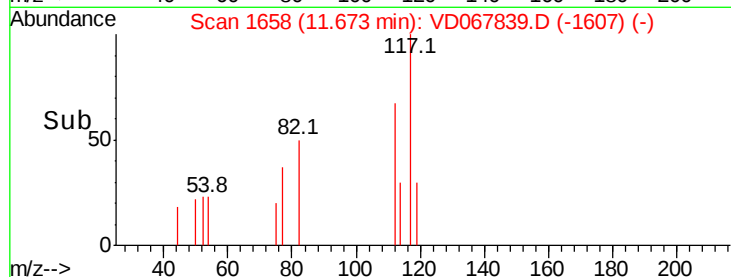
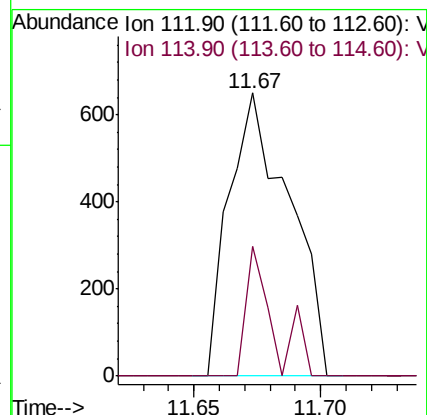
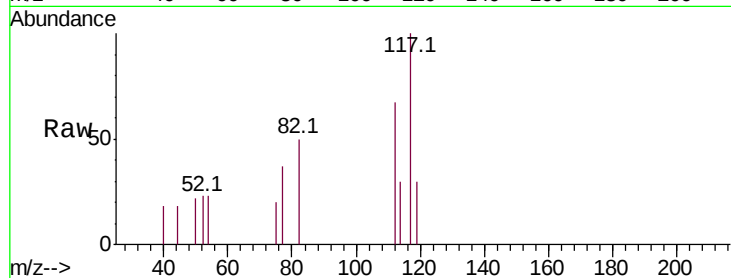
ROCK-HILL-SLOPE-EMBANKMENT-

Tot Ion:112 Resp: 1080

Ion Ratio Lower Upper

112 100

114 45.7 25.0 37.4#



#66

1,1,1,2-Tetrachloroethane

Concen: 1.855 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.01 min

Lab File: VD067839.D

Acq: 02 Dec 2020 16:53

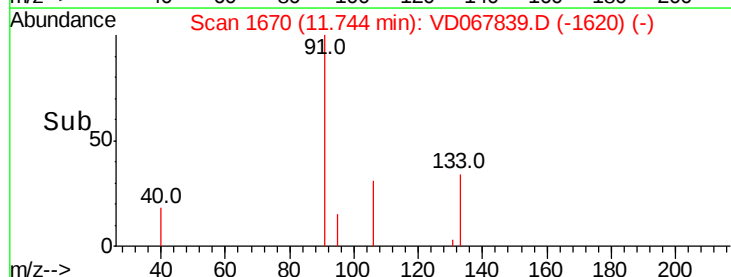
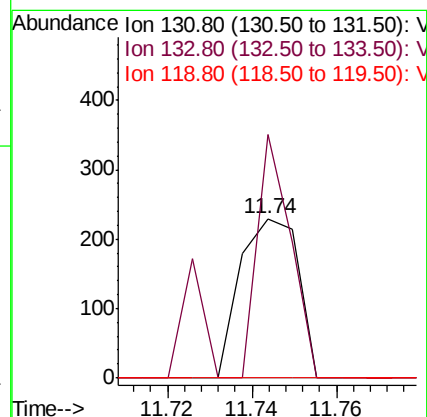
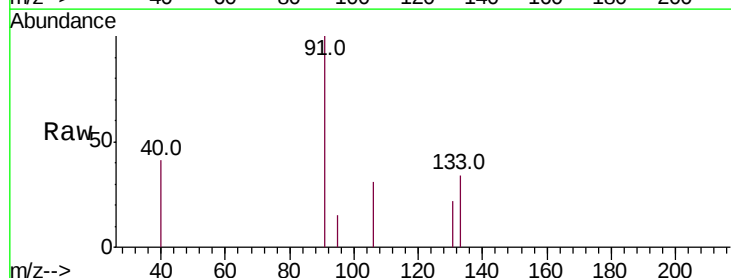
Tgt Ion:131 Resp: 220

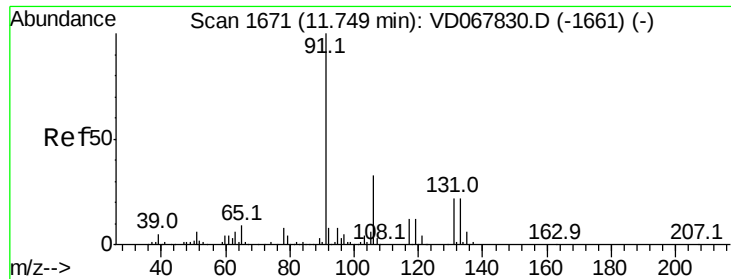
Ion Ratio Lower Upper

131 100

133 87.7 49.9 149.7

119 0.0 29.6 88.9#

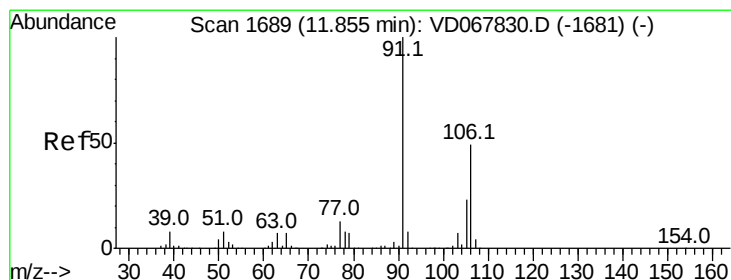
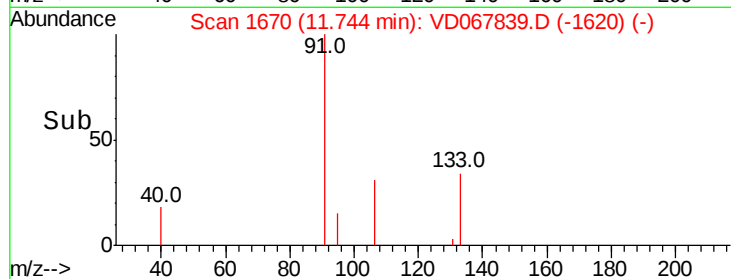
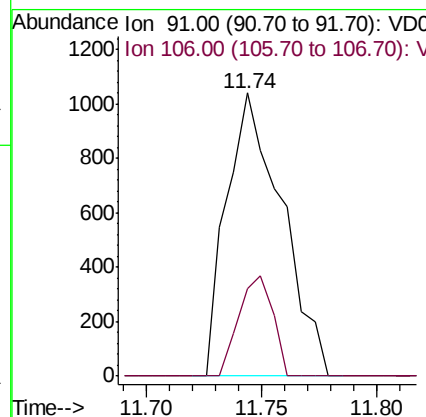
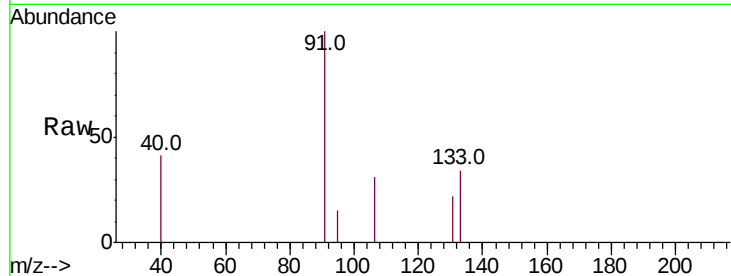




#67
Ethyl Benzene
Concen: 3.499 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.01 min
Lab File: VD067839.D
Acq: 02 Dec 2020 16:53

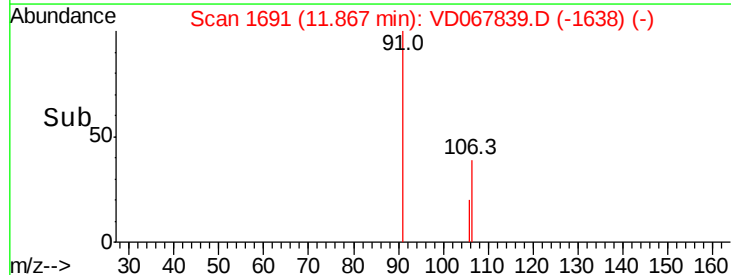
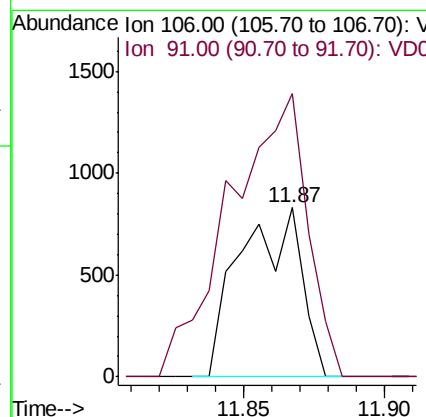
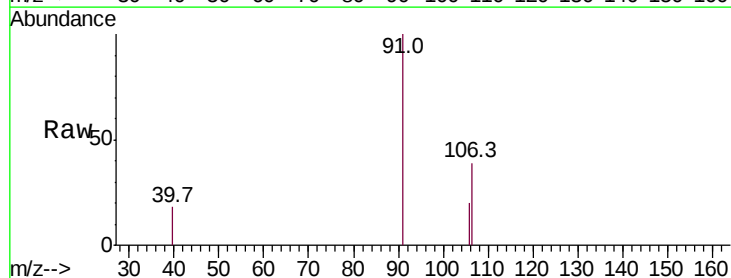
Instrument :
MSVOA_D
ClientSampleId :
ROCK-HILL-SLOPE-EMBANKMENT-

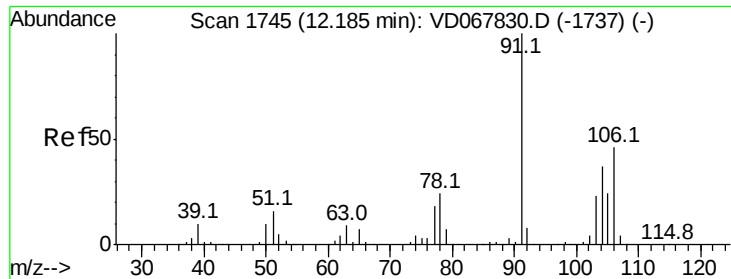
Tot Ion: 91 Resp: 1733
Ion Ratio Lower Upper
91 100
106 30.9 26.2 39.2



#68
m/p-Xylenes
Concen: 6.385 ug/l
RT: 11.87 min Scan# 1691
Delta R.T. 0.01 min
Lab File: VD067839.D
Acq: 02 Dec 2020 16:53

Tgt Ion: 106 Resp: 1247
Ion Ratio Lower Upper
106 100
91 211.9 162.8 244.2

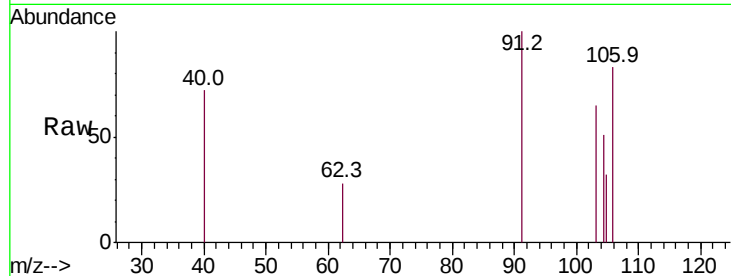




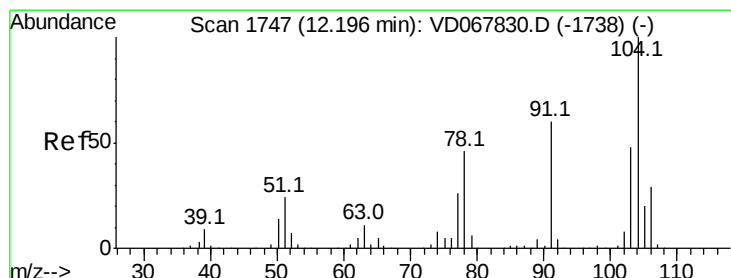
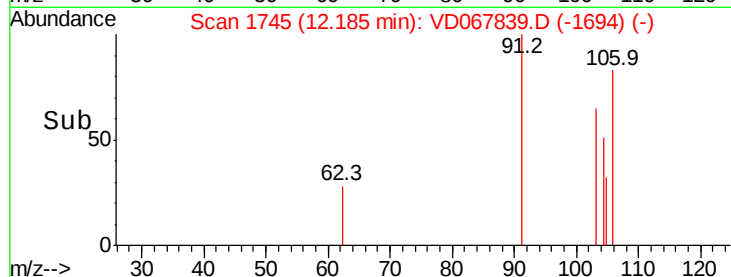
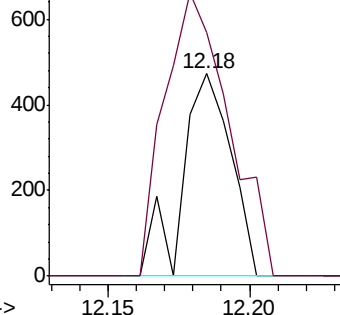
#69
o-Xylene
Concen: 3.270 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067839.D
Acq: 02 Dec 2020 16:53

Instrument :
MSVOA_D
ClientSampleId :
ROCK-HILL-SLOPE-EMBANKMENT-

Tot Ion:106 Resp: 567
Ion Ratio Lower Upper
106 100
91 184.0 107.5 322.5

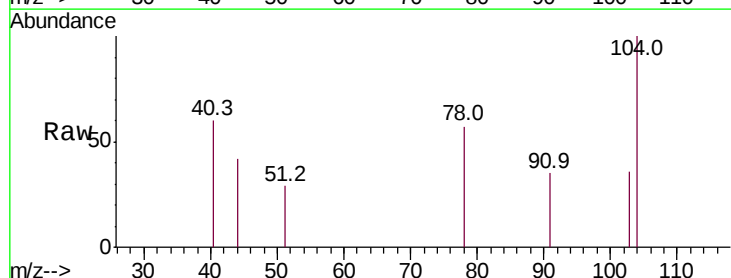


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

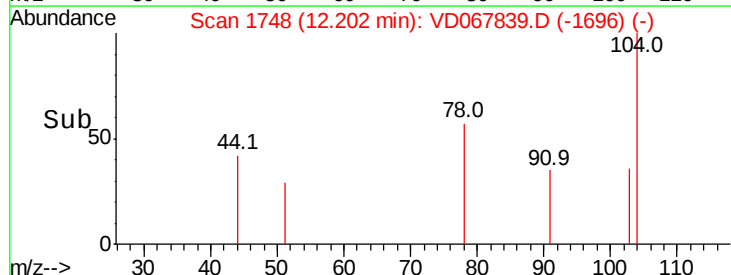
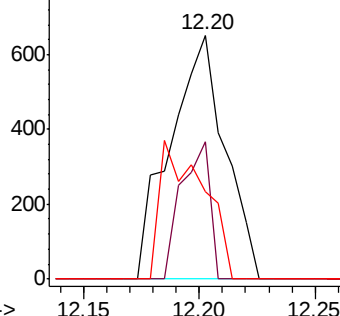


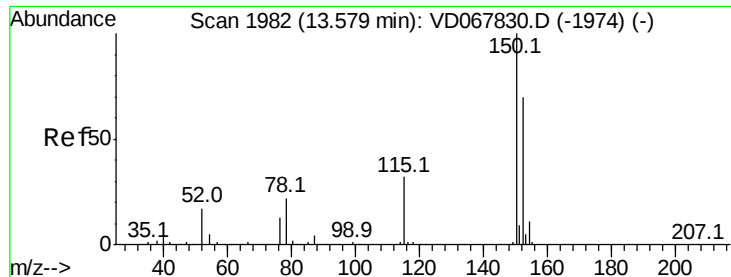
#70
Styrene
Concen: 3.566 ug/l
RT: 12.20 min Scan# 1748
Delta R.T. 0.01 min
Lab File: VD067839.D
Acq: 02 Dec 2020 16:53

Tgt Ion:104 Resp: 1075
Ion Ratio Lower Upper
104 100
78 29.6 41.6 62.4#
103 45.1 43.2 64.8



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



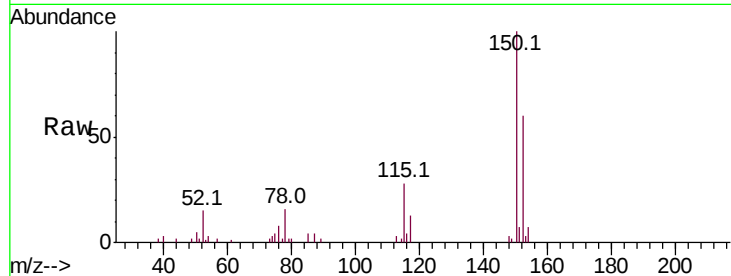


#72

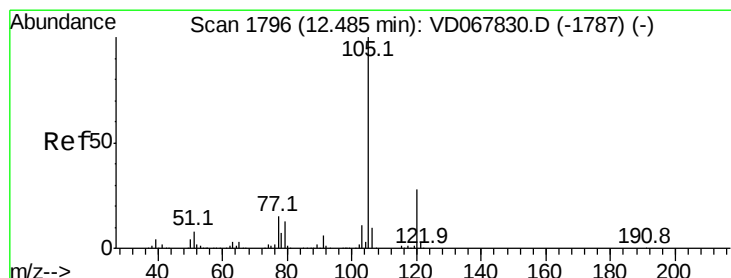
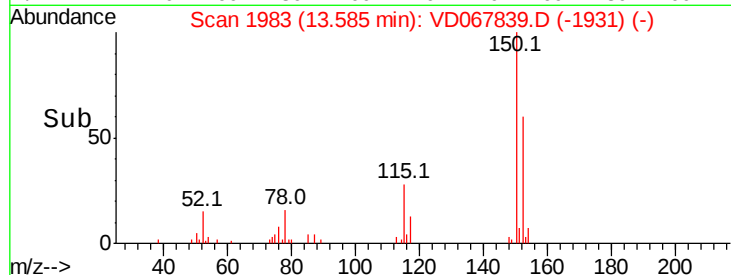
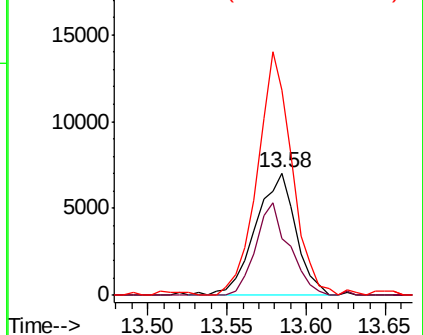
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD067839.D
Acq: 02 Dec 2020 16:53

Instrument :
MSVOA_D
ClientSampleId :
ROCK-HILL-SLOPE-EMBANKMENT-

Tot Ion:152 Resp: 12441
Ion Ratio Lower Upper
152 100
115 62.7 29.1 87.4
150 171.1 0.0 339.0



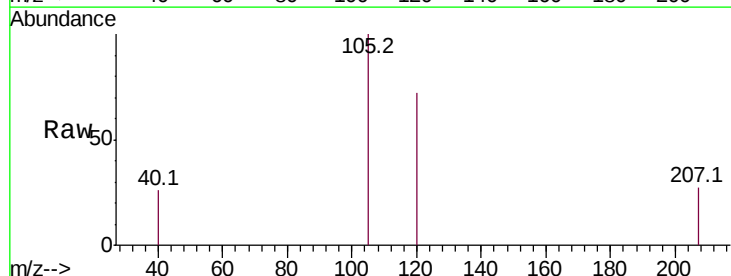
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



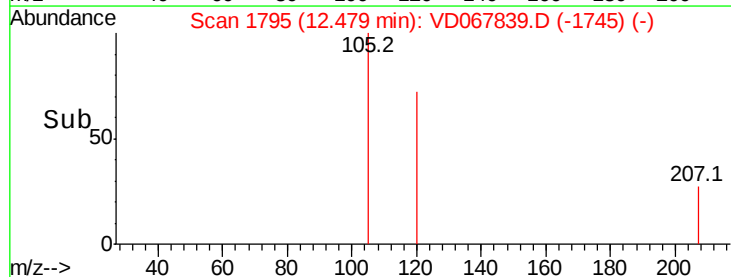
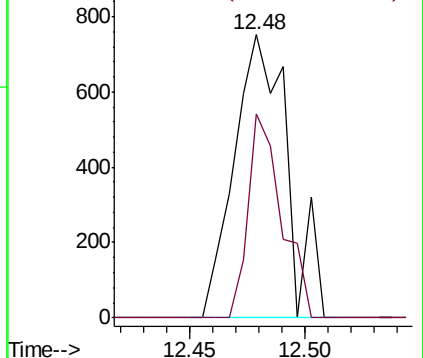
#73

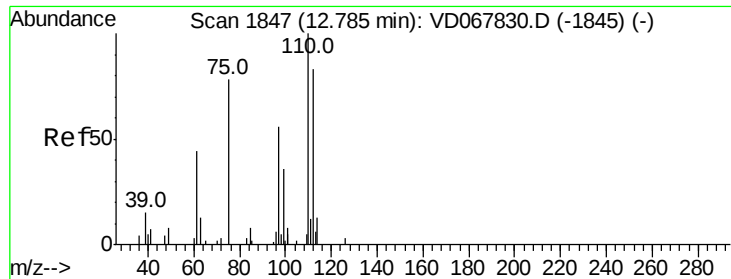
Isopropylbenzene
Concen: 1.410 ug/l
RT: 12.48 min Scan# 1795
Delta R.T. -0.01 min
Lab File: VD067839.D
Acq: 02 Dec 2020 16:53

Tgt Ion:105 Resp: 1206
Ion Ratio Lower Upper
105 100
120 45.6 13.9 41.6#



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





#76

1,2,3-Trichloropropane

Concen: 40.894 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.15 min

Lab File: VD067839.D

Acq: 02 Dec 2020 16:53

Instrument :

MSVOA_D

ClientSampleId :

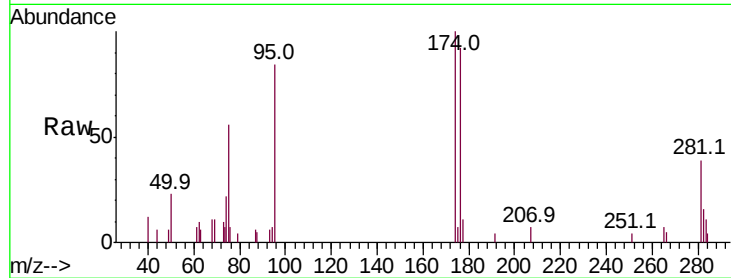
ROCK-HILL-SLOPE-EMBANKMENT-

Tot Ion: 75 Resp: 3705

Ion Ratio Lower Upper

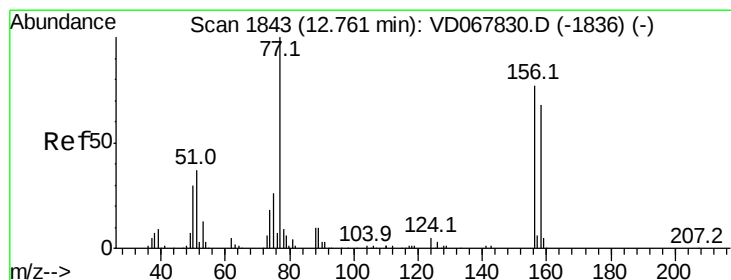
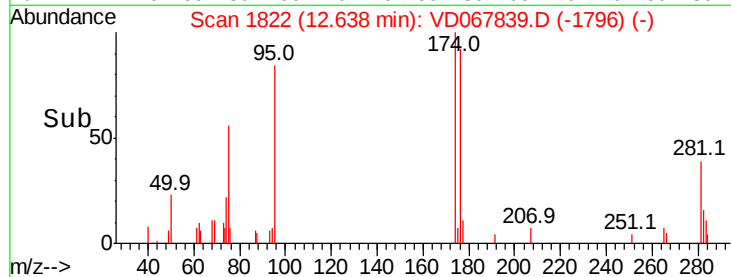
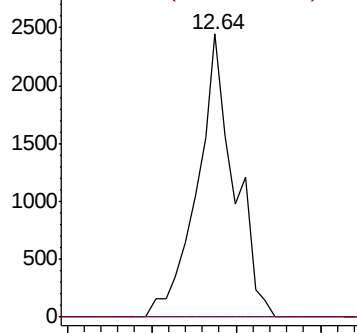
75 100

77 0.0 175.9 527.7#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC



#77

Bromobenzene

Concen: 1.255 ug/l

RT: 12.75 min Scan# 1841

Delta R.T. -0.01 min

Lab File: VD067839.D

Acq: 02 Dec 2020 16:53

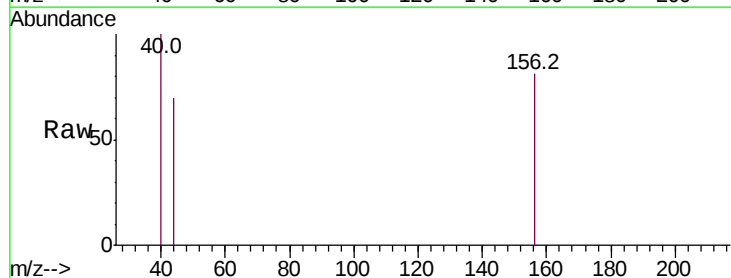
Tgt Ion: 156 Resp: 267

Ion Ratio Lower Upper

156 100

77 193.3 71.5 214.5

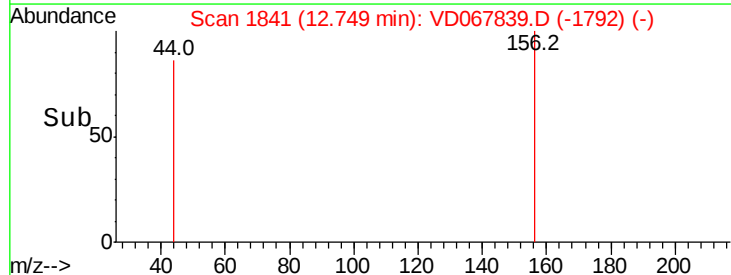
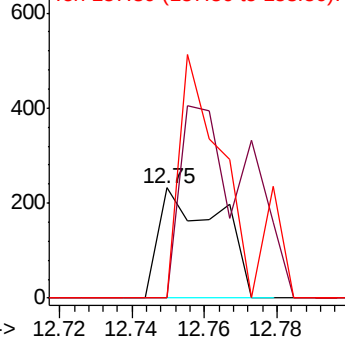
158 181.3 47.1 141.4#

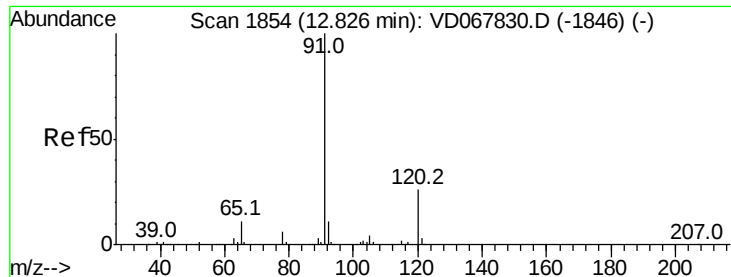


Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VDC

Ion 157.80 (157.50 to 158.50): V





#78

n-propylbenzene

Concen: 2.109 ug/l

RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

Lab File: VD067839.D

Acq: 02 Dec 2020 16:53

Instrument :

MSVOA_D

ClientSampleId :

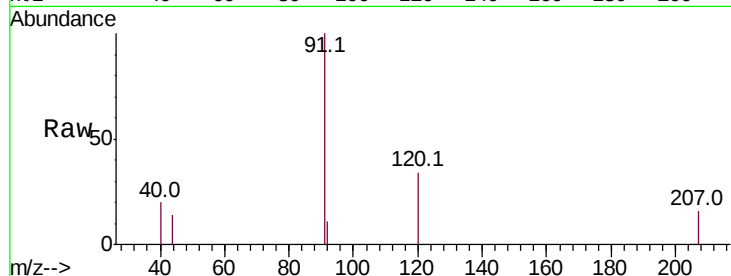
ROCK-HILL-SLOPE-EMBANKMENT-

Tot Ion: 91 Resp: 2000

Ion Ratio Lower Upper

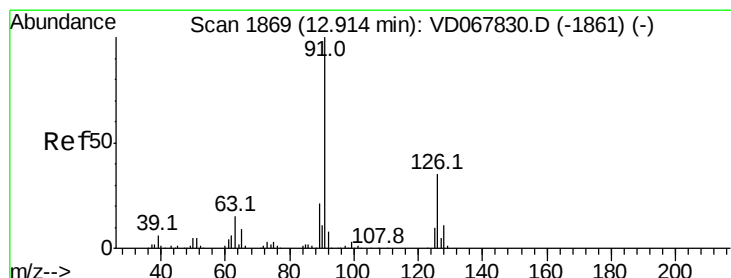
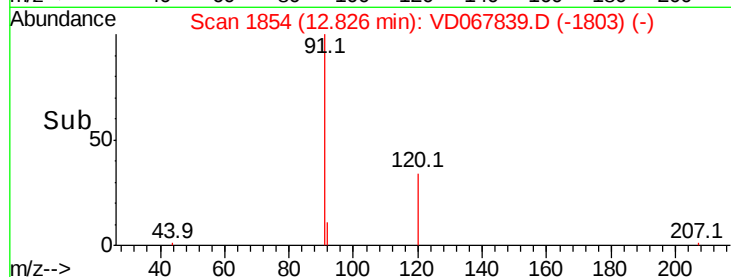
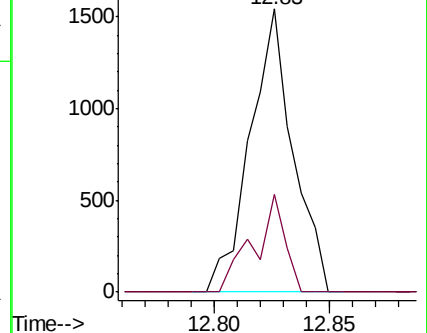
91 100

120 24.8 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 1.350 ug/l

RT: 12.90 min Scan# 1866

Delta R.T. -0.02 min

Lab File: VD067839.D

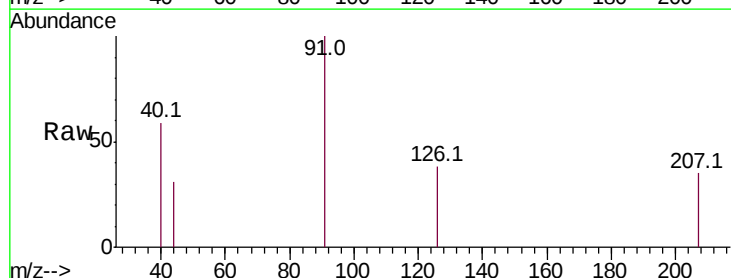
Acq: 02 Dec 2020 16:53

Tgt Ion: 91 Resp: 753

Ion Ratio Lower Upper

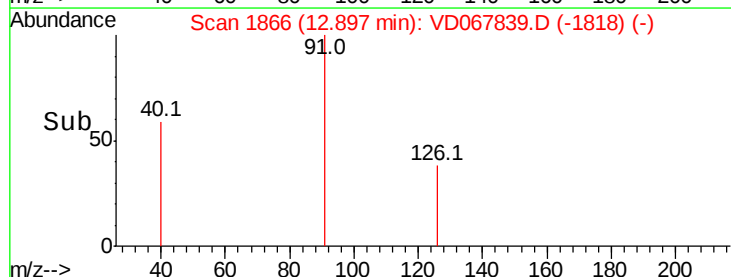
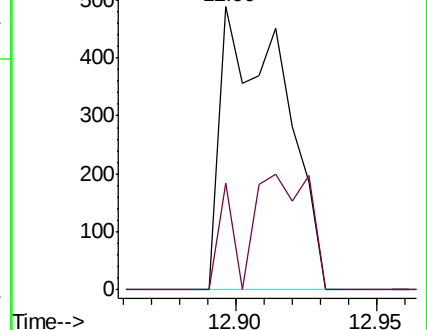
91 100

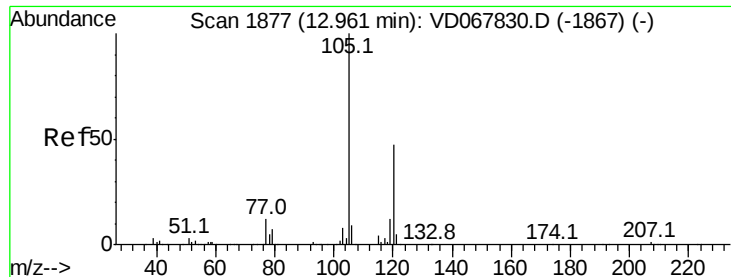
126 42.9 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VDC

Ion 125.90 (125.60 to 126.60): V





#80

1,3,5-Trimethylbenzene

Concen: 2.014 ug/l

RT: 12.97 min Scan# 1879

Delta R.T. 0.01 min

Lab File: VD067839.D

Acq: 02 Dec 2020 16:53

Instrument :

MSVOA_D

ClientSampleId :

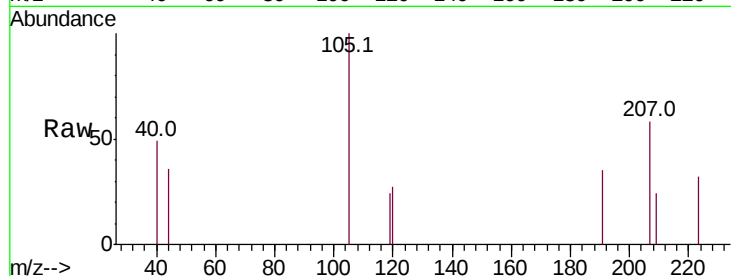
ROCK-HILL-SLOPE-EMBANKMENT-

Tot Ion:105 Resp: 1492

Ion Ratio Lower Upper

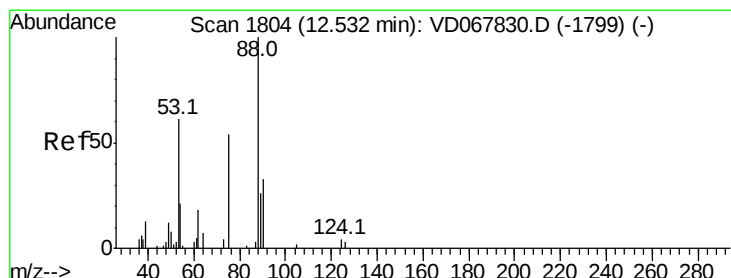
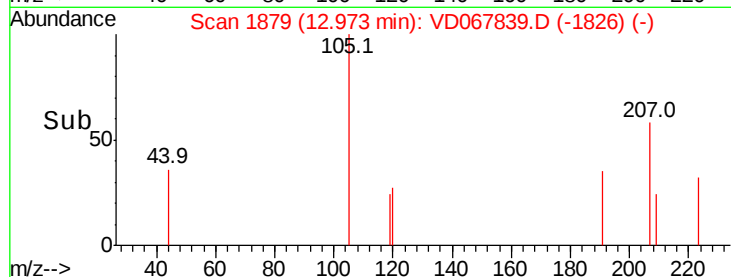
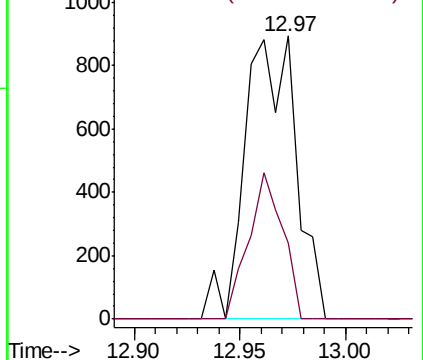
105 100

120 34.9 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 97.823 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.11 min

Lab File: VD067839.D

Acq: 02 Dec 2020 16:53

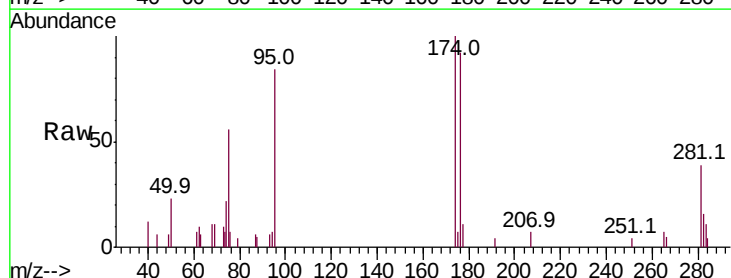
Tgt Ion: 75 Resp: 3705

Ion Ratio Lower Upper

75 100

53 0.0 84.6 127.0#

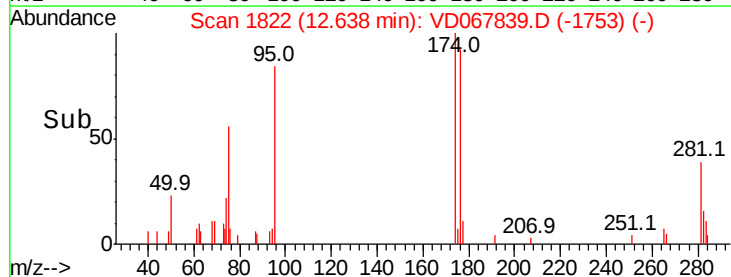
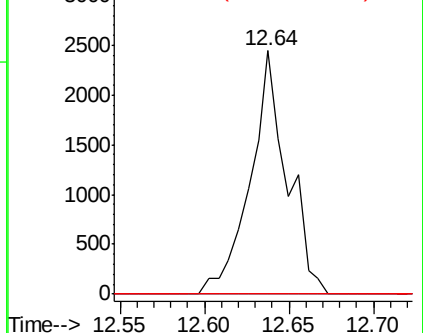
89 0.0 41.0 61.6#

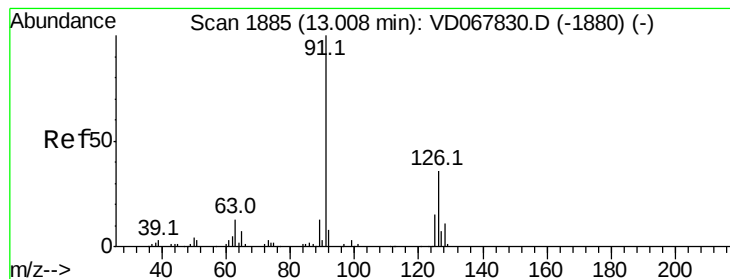


Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC





#82

4-Chlorotoluene

Concen: 2.233 ug/l

RT: 13.01 min Scan# 1886

Delta R.T. 0.01 min

Lab File: VD067839.D

Acq: 02 Dec 2020 16:53

Instrument :

MSVOA_D

ClientSampleId :

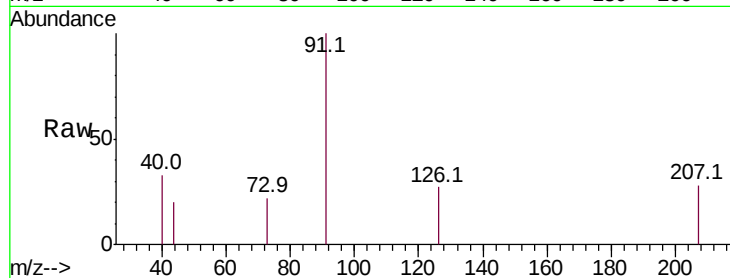
ROCK-HILL-SLOPE-EMBANKMENT-

Tot Ion: 91 Resp: 1329

Ion Ratio Lower Upper

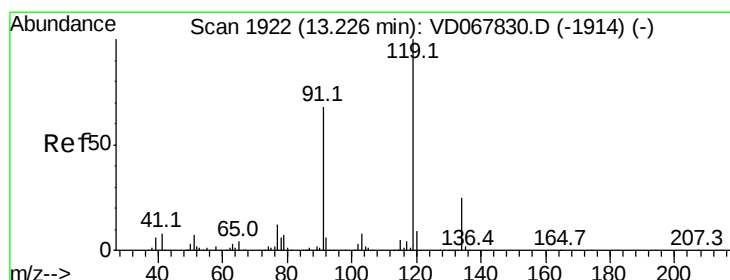
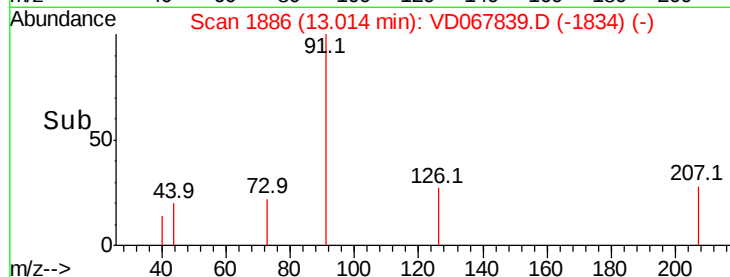
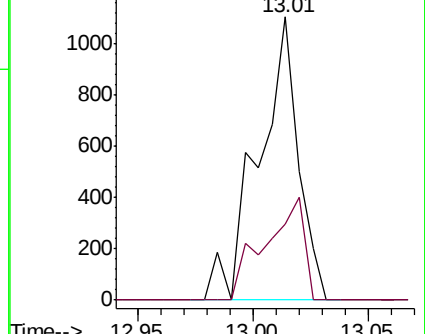
91 100

126 35.6 18.1 54.4



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 125.90 (125.60 to 126.60): V



#83

tert-Butylbenzene

Concen: 2.324 ug/l

RT: 13.23 min Scan# 1922

Delta R.T. 0.00 min

Lab File: VD067839.D

Acq: 02 Dec 2020 16:53

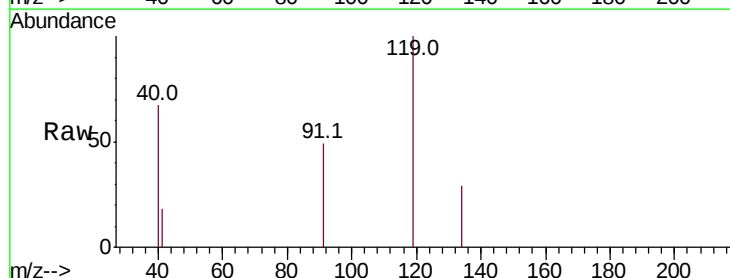
Tgt Ion: 119 Resp: 1465

Ion Ratio Lower Upper

119 100

91 35.8 33.1 99.3

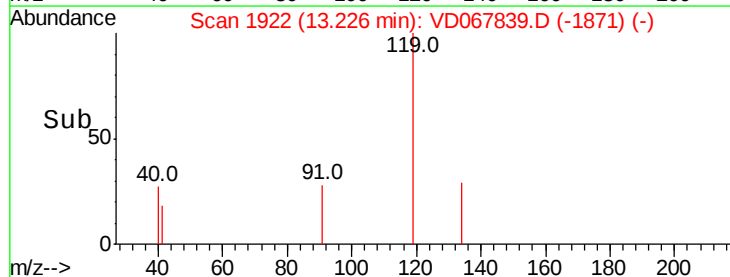
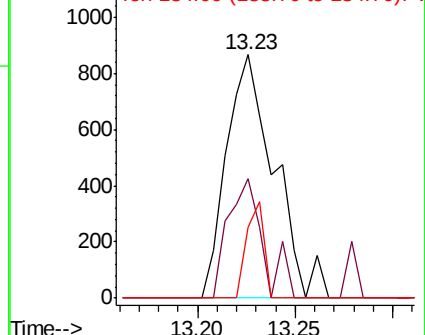
134 14.3 13.6 40.8

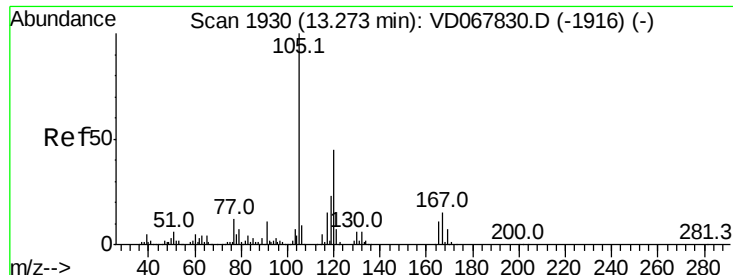


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V

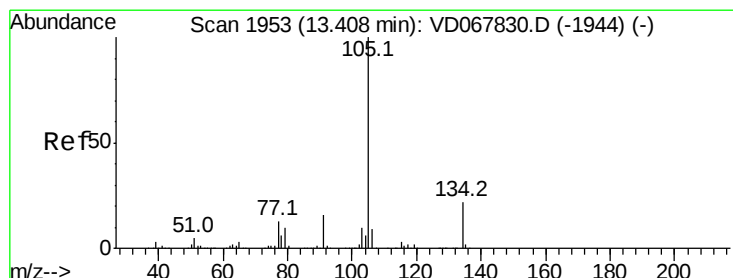
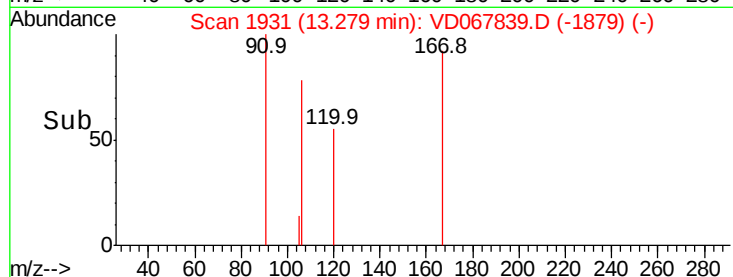
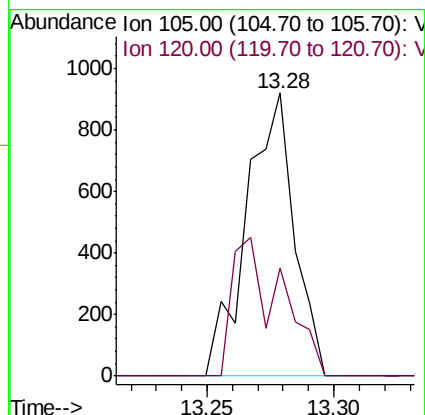
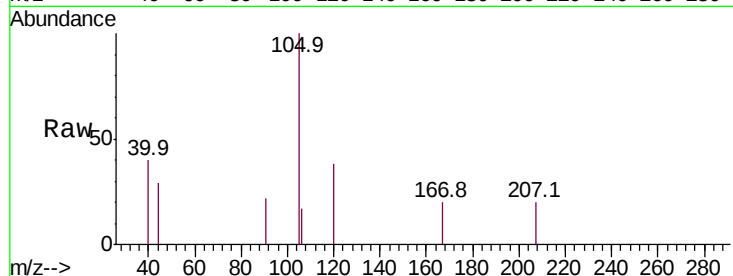




#84
 1,2,4-Trimethylbenzene
 Concen: 1.640 ug/l
 RT: 13.28 min Scan# 1931
 Delta R.T. 0.01 min
 Lab File: VD067839.D
 Acq: 02 Dec 2020 16:53

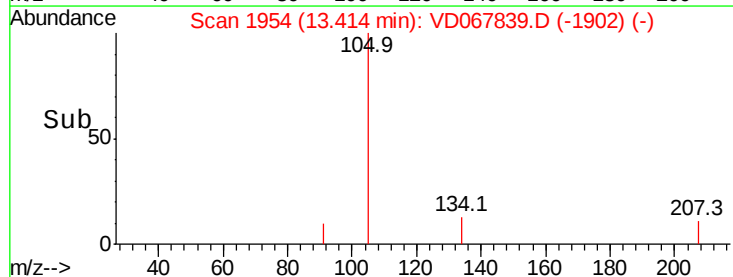
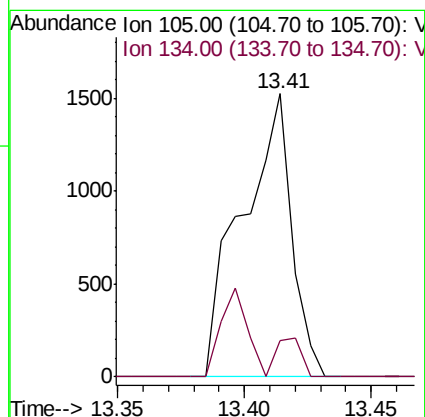
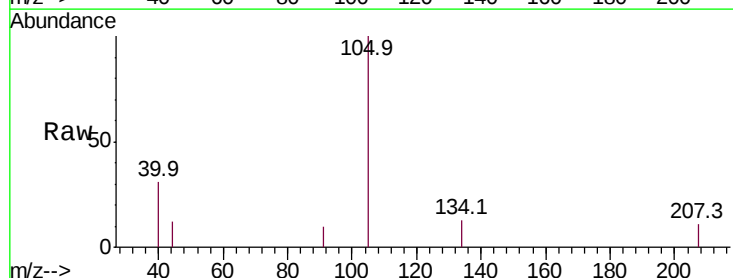
Instrument :
 MSVOA_D
 ClientSampleId :
 ROCK-HILL-SLOPE-EMBANKMENT-

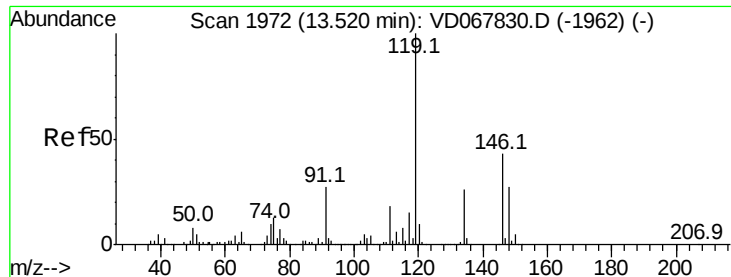
Tot Ion:105 Resp: 1208
 Ion Ratio Lower Upper
 105 100
 120 49.4 22.1 66.5



#85
 sec-Butylbenzene
 Concen: 2.468 ug/l
 RT: 13.41 min Scan# 1954
 Delta R.T. 0.01 min
 Lab File: VD067839.D
 Acq: 02 Dec 2020 16:53

Tgt Ion:105 Resp: 2076
 Ion Ratio Lower Upper
 105 100
 134 6.9 10.9 32.9#

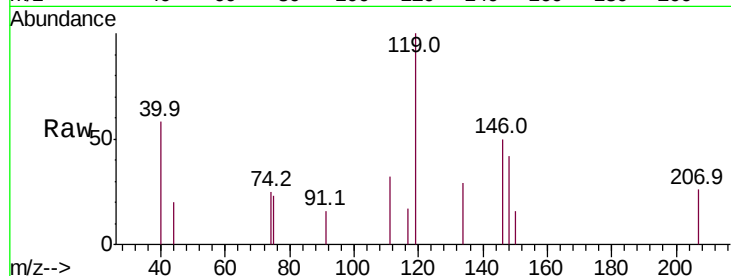




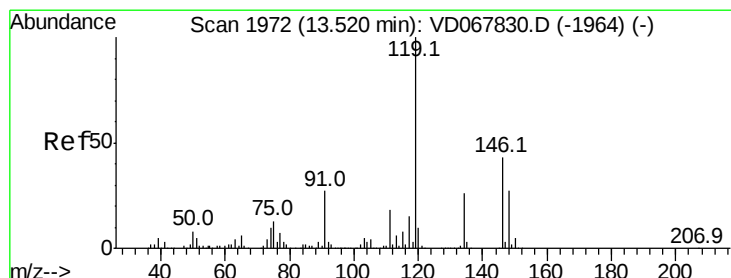
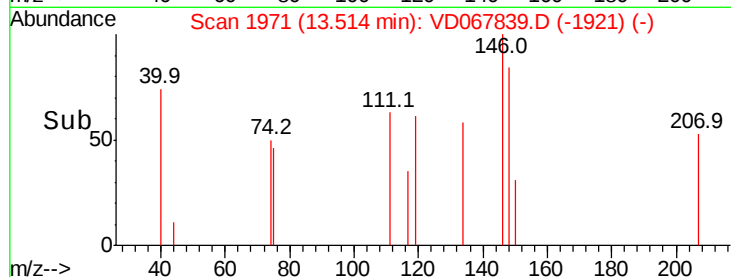
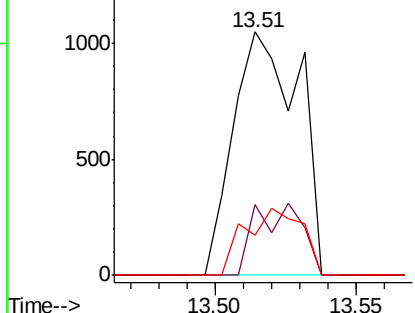
#86
 p-Isopropyltoluene
 Concen: 2.045 ug/l
 RT: 13.51 min Scan# 1971
 Delta R.T. -0.01 min
 Lab File: VD067839.D
 Acq: 02 Dec 2020 16:53

Instrument :
 MSVOA_D
 ClientSampleId :
 ROCK-HILL-SLOPE-EMBANKMENT-

Tot Ion	Ratio	Lower	Upper
119	100		
134	21.1	13.1	39.3
91	24.0	12.8	38.3

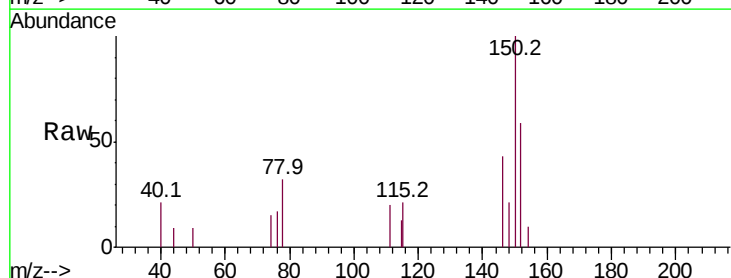


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 134.00 (133.70 to 134.70): V
 Ion 91.00 (90.70 to 91.70): V

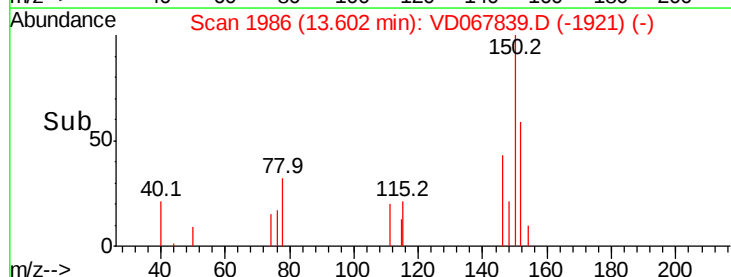
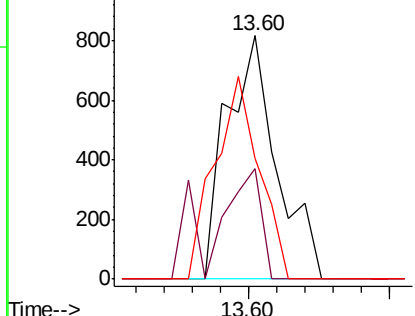


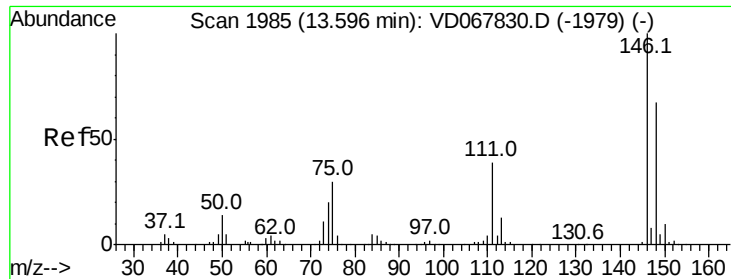
#87
 1,3-Dichlorobenzene
 Concen: 2.452 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.08 min
 Lab File: VD067839.D
 Acq: 02 Dec 2020 16:53

Tgt Ion	Ratio	Lower	Upper
146	100		
111	30.6	20.8	62.2
148	73.5	32.9	98.6



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





#88

1,4-Dichlorobenzene

Concen: 2.451 ug/l

RT: 13.60 min Scan# 1986

Delta R.T. 0.01 min

Lab File: VD067839.D

Acq: 02 Dec 2020 16:53

Instrument :

MSVOA_D

ClientSampleId :

ROCK-HILL-SLOPE-EMBANKMENT-

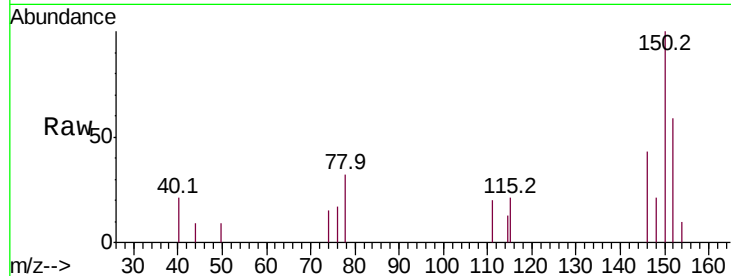
Tot Ion:146 Resp: 1006

Ion Ratio Lower Upper

146 100

111 30.6 19.9 59.6

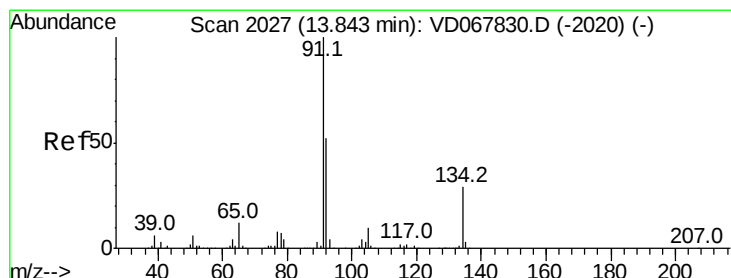
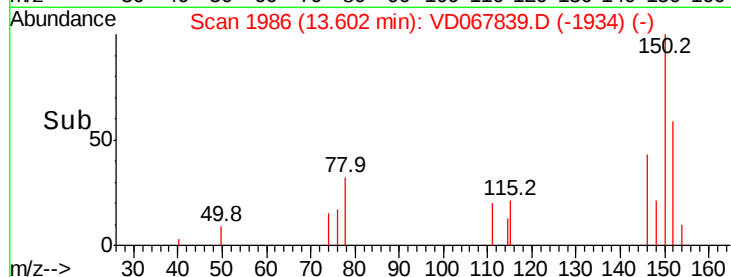
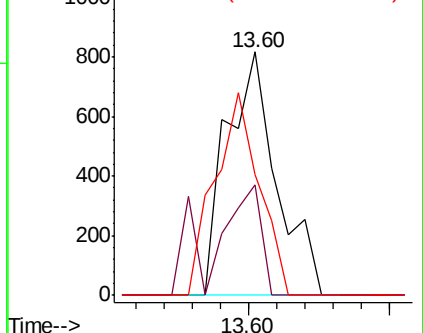
148 73.5 32.4 97.2



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



#89

n-Butylbenzene

Concen: 2.823 ug/l

RT: 13.85 min Scan# 2028

Delta R.T. 0.01 min

Lab File: VD067839.D

Acq: 02 Dec 2020 16:53

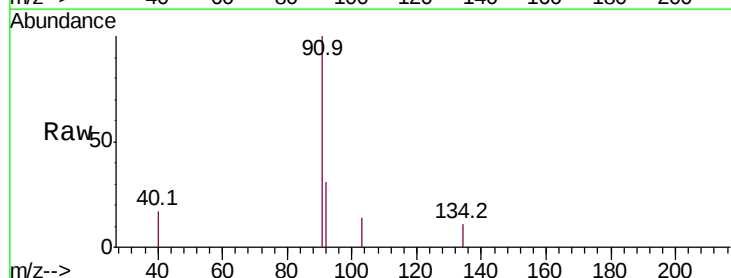
Tgt Ion: 91 Resp: 1934

Ion Ratio Lower Upper

91 100

92 41.3 26.3 78.8

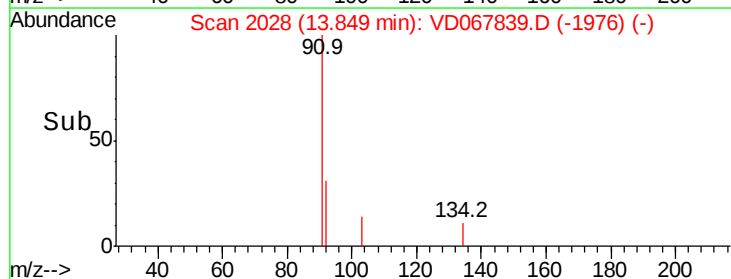
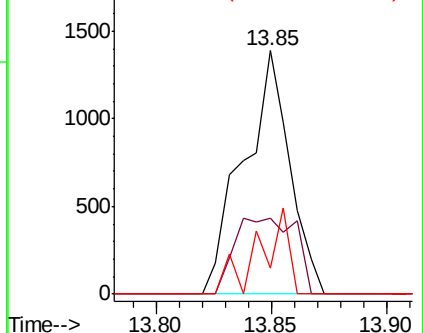
134 22.5 14.8 44.3

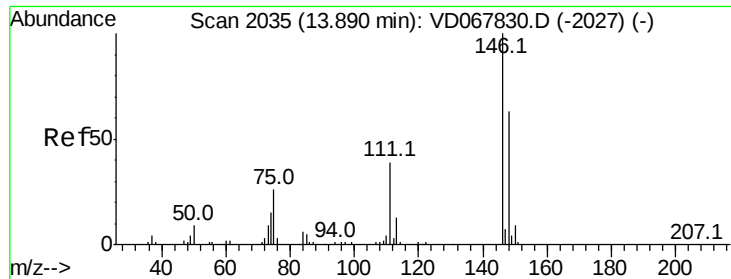


Abundance Ion 91.00 (90.70 to 91.70): V

Ion 92.00 (91.70 to 92.70): V

Ion 134.00 (133.70 to 134.70): V

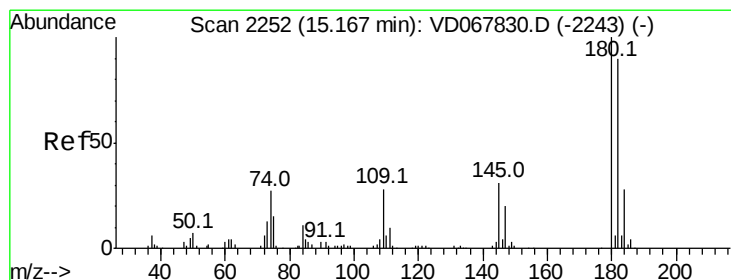
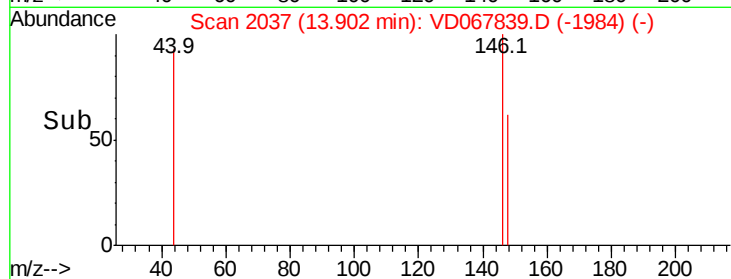
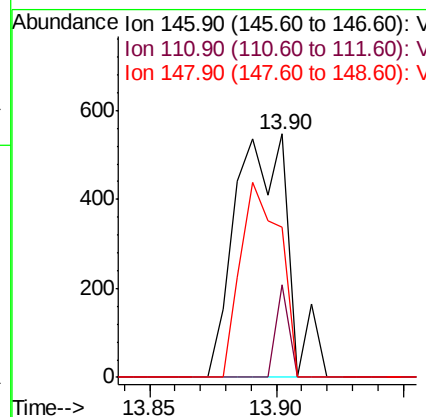
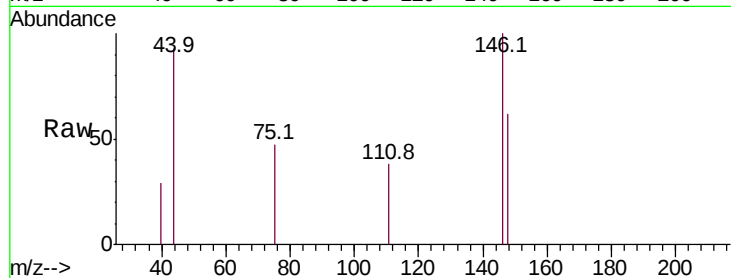




#91
 1,2-Dichlorobenzene
 Concen: 2.234 ug/l
 RT: 13.90 min Scan# 2037
 Delta R.T. 0.01 min
 Lab File: VD067839.D
 Acq: 02 Dec 2020 16:53

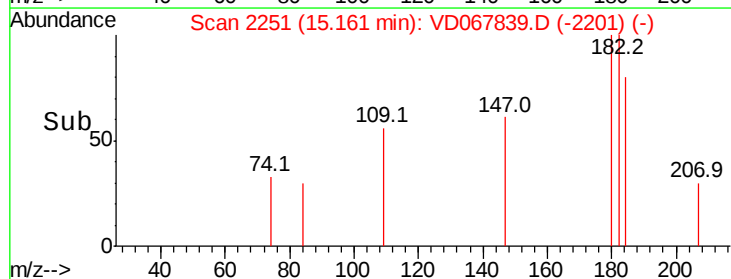
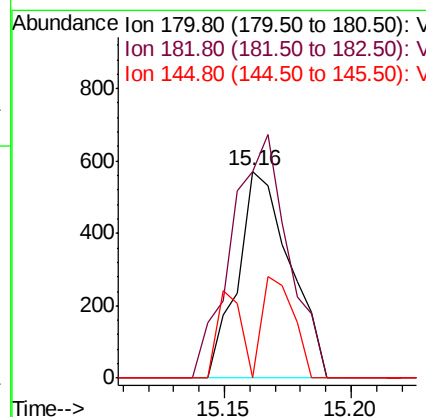
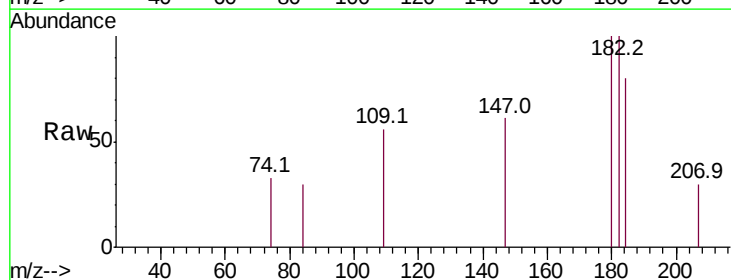
Instrument :
 MSVOA_D
 ClientSampleId :
 ROCK-HILL-SLOPE-EMBANKMENT-

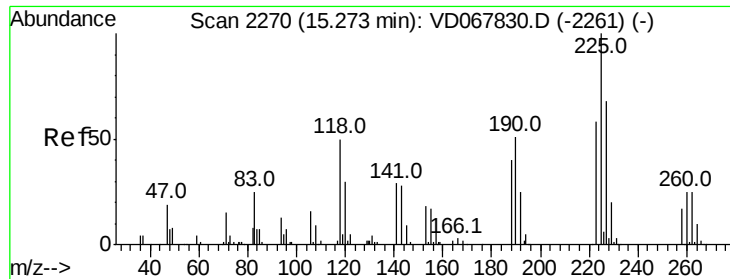
Tot Ion:146 Resp: 795
 Ion Ratio Lower Upper
 146 100
 111 9.3 20.4 61.2#
 148 60.1 32.1 96.3



#93
 1,2,4-Trichlorobenzene
 Concen: 3.302 ug/l
 RT: 15.16 min Scan# 2251
 Delta R.T. -0.01 min
 Lab File: VD067839.D
 Acq: 02 Dec 2020 16:53

Tgt Ion:180 Resp: 822
 Ion Ratio Lower Upper
 180 100
 182 127.0 47.5 142.6
 145 29.6 16.4 49.4





#94

Hexachlorobutadiene

Concen: 1.958 ug/l

RT: 15.27 min Scan# 2270

Delta R.T. 0.00 min

Lab File: VD067839.D

Acq: 02 Dec 2020 16:53

Instrument :

MSVOA_D

ClientSampleId :

ROCK-HILL-SLOPE-EMBANKMENT-

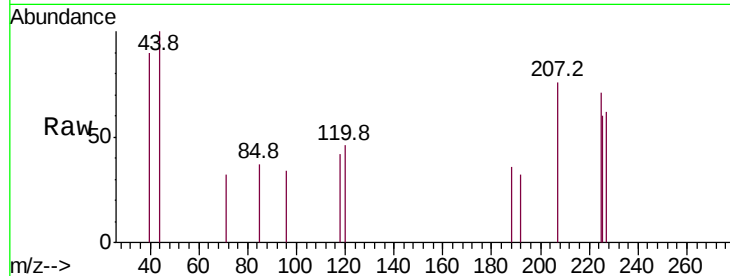
Tot Ion:225 Resp: 318

Ion Ratio Lower Upper

225 100

223 19.2 31.1 93.3#

227 55.3 33.1 99.3



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

800

600

400

200

0

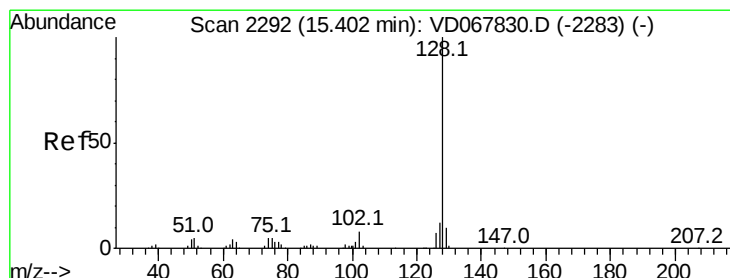
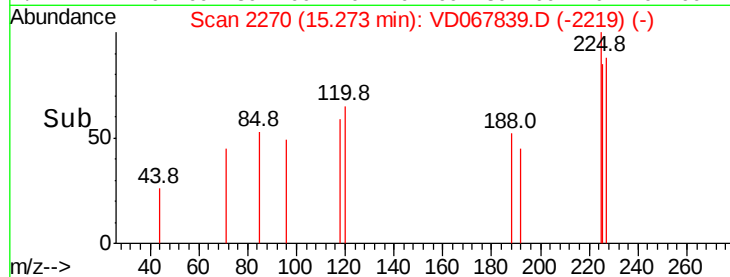
15.26

15.27

15.28

15.30

Time-->



#95

Naphthalene

Concen: 6.609 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. 0.01 min

Lab File: VD067839.D

Acq: 02 Dec 2020 16:53

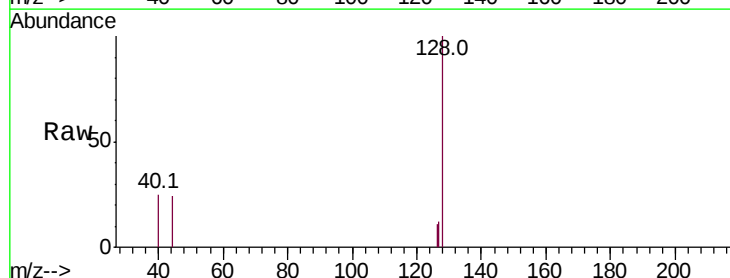
Tgt Ion:128 Resp: 2677

Ion Ratio Lower Upper

128 100

127 2.4 10.6 15.8#

129 5.2 9.0 13.6#



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

2000

1500

1000

500

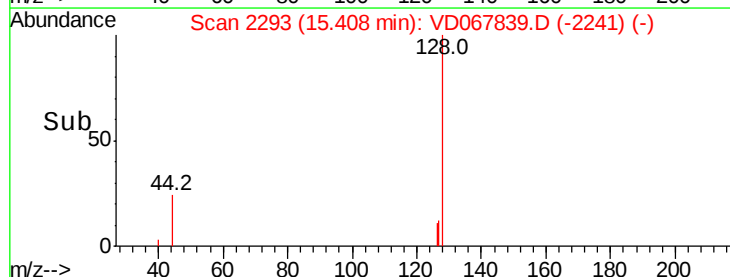
0

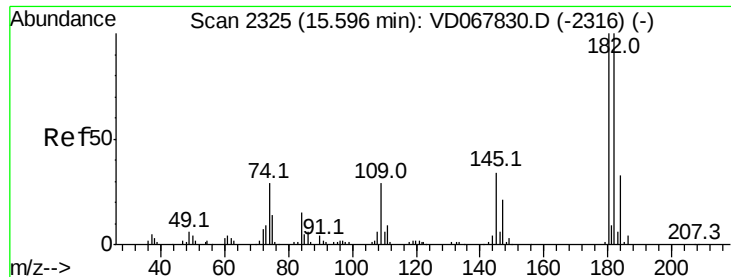
15.35

15.40

15.45

Time-->

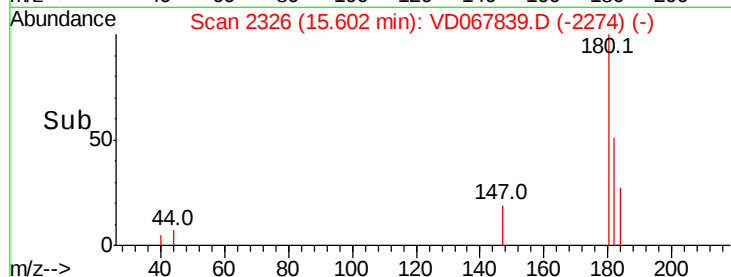
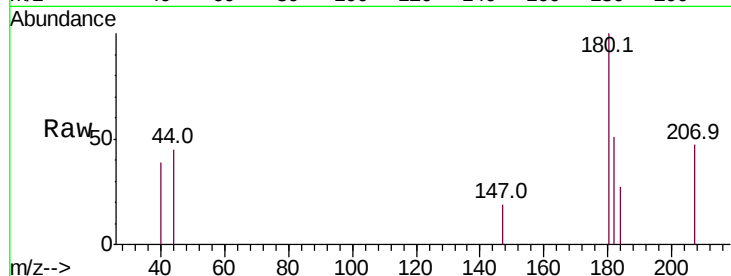




#96
 1,2,3-Trichlorobenzene
 Concen: 5.494 ug/l
 RT: 15.60 min Scan# 2326
 Delta R.T. 0.01 min
 Lab File: VD067839.D
 Acq: 02 Dec 2020 16:53

Instrument :
 MSVOA_D
 ClientSampleId :
 ROCK-HILL-SLOPE-EMBANKMENT-

Tot Ion:180 Resp: 1181
 Ion Ratio Lower Upper
 180 100
 182 82.0 47.3 142.0
 145 0.0 16.8 50.4#



Abundance Ion 179.80 (179.50 to 180.50): V
 1200 Ion 181.80 (181.50 to 182.50): V
 1000 Ion 144.90 (144.60 to 145.60): V

