

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101321\
 Data File : VD070698.D
 Acq On : 13 Oct 2021 15:24
 Operator : VA/SY
 Sample : M4068-01 2.5PPBLOD
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2021

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Quant Time: Oct 14 04:36:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 14 04:36:03 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	303072	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	561520	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	527834	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	229389	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	178775	50.123	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.240%			
35) Dibromofluoromethane	7.914	113	188557	50.507	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.020%			
50) Toluene-d8	10.338	98	684939	47.992	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 95.980%			
62) 4-Bromofluorobenzene	12.626	95	217511	45.600	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 91.200%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.985	85	9013	2.438	ug/l	99
3) Chloromethane	2.209	50	11710	2.551	ug/l	99
4) Vinyl Chloride	2.350	62	14126	2.777	ug/l #	85
5) Bromomethane	2.773	94	10896	3.142	ug/l	82
6) Chloroethane	2.915	64	7560	2.328	ug/l	97
7) Trichlorofluoromethane	3.273	101	18348	2.784	ug/l	88
8) Diethyl Ether	3.709	74	4287	2.500	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.103	101	10571	2.646	ug/l #	80
10) Methyl Iodide	4.297	142	6887	1.857	ug/l #	97
11) Tert butyl alcohol	5.209	59	2381m	13.476	ug/l	
12) 1,1-Dichloroethene	4.068	96	8930	2.511	ug/l	90
13) Acrolein	3.915	56	1731	10.204	ug/l	94
14) Allyl chloride	4.703	41	10436	2.108	ug/l	96
15) Acrylonitrile	5.415	53	8633	11.603	ug/l	94
16) Acetone	4.156	43	8480	14.001	ug/l	95
17) Carbon Disulfide	4.409	76	31016	2.389	ug/l #	91
18) Methyl Acetate	4.709	43	7248	3.101	ug/l #	87
19) Methyl tert-butyl Ether	5.479	73	16246	2.293	ug/l #	87
20) Methylene Chloride	4.962	84	23007	4.070	ug/l	91
21) trans-1,2-Dichloroethene	5.473	96	10644m	2.544	ug/l	
22) Diisopropyl ether	6.362	45	19383	1.906	ug/l	92
23) Vinyl Acetate	6.303	43	41337m	8.940	ug/l	
24) 1,1-Dichloroethane	6.262	63	18884	2.521	ug/l	97
25) 2-Butanone	7.209	43	9280	11.702	ug/l	94
26) 2,2-Dichloropropane	7.209	77	15083	2.433	ug/l	99
27) cis-1,2-Dichloroethene	7.209	96	11392	2.591	ug/l	91
28) Bromochloromethane	7.550	49	6187	2.372	ug/l	91
29) Tetrahydrofuran	7.561	42	5251	10.273	ug/l	94
30) Chloroform	7.703	83	21663	2.780	ug/l	90
31) Cyclohexane	7.985	56	18158	2.749	ug/l #	54
32) 1,1,1-Trichloroethane	7.903	97	17099	2.548	ug/l	98
36) 1,1-Dichloropropene	8.108	75	14362	2.408	ug/l	98
37) Ethyl Acetate	7.291	43	4903	2.475	ug/l #	66
38) Carbon Tetrachloride	8.091	117	15181	2.432	ug/l	96
39) Methylcyclohexane	9.350	83	14754	2.151	ug/l	92
40) Benzene	8.344	78	41637	2.369	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	2463	2.410	ug/l #	89
42) 1,2-Dichloroethane	8.420	62	11321	2.490	ug/l	98
43) Isopropyl Acetate	8.456	43	8716	2.401	ug/l	91
44) Trichloroethene	9.108	130	11670	2.692	ug/l	100
45) 1,2-Dichloropropane	9.379	63	10755	2.398	ug/l	90
46) Dibromomethane	9.473	93	6023	2.616	ug/l	97
47) Bromodichloromethane	9.661	83	14660	2.467	ug/l	96
48) Methyl methacrylate	9.455	41	3981	2.339	ug/l	86
49) 1,4-Dioxane	9.450	88	884	37.786	ug/l #	76
51) 4-Methyl-2-Pentanone	10.226	43	18959	10.122	ug/l	98
52) Toluene	10.397	92	27592	2.555	ug/l	96
53) t-1,3-Dichloropropene	10.620	75	12715	2.445	ug/l	98
54) cis-1,3-Dichloropropene	10.079	75	13549	2.164	ug/l	99
55) 1,1,2-Trichloroethane	10.791	97	7925	2.527	ug/l	90
56) Ethyl methacrylate	10.655	69	7723	2.305	ug/l	96
57) 1,3-Dichloropropane	10.938	76	12887	2.415	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.938	63	16462	10.893	ug/l	100
59) 2-Hexanone	10.973	43	12394	9.777	ug/l	99
60) Dibromochloromethane	11.132	129	9617	2.545	ug/l	97
61) 1,2-Dibromoethane	11.238	107	7420	2.541	ug/l	98
64) Tetrachloroethene	10.867	164	9507	2.809	ug/l #	84
65) Chlorobenzene	11.661	112	27125	2.410	ug/l	90
66) 1,1,1,2-Tetrachloroethane	11.738	131	10816	2.583	ug/l	97
67) Ethyl Benzene	11.738	91	42435	2.185	ug/l	98
68) m/p-Xylenes	11.849	106	31270	4.088	ug/l	98
69) o-Xylene	12.173	106	13990	2.056	ug/l	98
70) Styrene	12.185	104	23134	1.930	ug/l	98
71) Bromoform	12.349	173	4808	2.446	ug/l #	78
73) Isopropylbenzene	12.467	105	36174	2.163	ug/l	98
74) N-amyl acetate	12.279	43	6409	2.034	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.726	83	8846	2.706	ug/l	97
76) 1,2,3-Trichloropropane	12.779	75	5424m	2.612	ug/l	
77) Bromobenzene	12.749	156	9753	2.609	ug/l	98
78) n-propylbenzene	12.808	91	47610	2.250	ug/l	97
79) 2-Chlorotoluene	12.896	91	29446	2.372	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	30800	2.159	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.508	75	2369m	2.533	ug/l	
82) 4-Chlorotoluene	12.996	91	28507	2.196	ug/l	97
83) tert-Butylbenzene	13.214	119	25597	2.171	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	29511	2.080	ug/l	96
85) sec-Butylbenzene	13.391	105	40086	2.194	ug/l	96
86) p-Isopropyltoluene	13.502	119	30894	2.070	ug/l	96
87) 1,3-Dichlorobenzene	13.502	146	20737	2.641	ug/l	97
88) 1,4-Dichlorobenzene	13.585	146	22723	2.919	ug/l	94
89) n-Butylbenzene	13.832	91	32384	2.273	ug/l	97
90) Hexachloroethane	14.096	117	8405	2.605	ug/l	95
91) 1,2-Dichlorobenzene	13.873	146	16908	2.526	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.485	75	1436	3.042	ug/l	96
93) 1,2,4-Trichlorobenzene	15.149	180	8561	2.375	ug/l	91
94) Hexachlorobutadiene	15.249	225	6653	2.921	ug/l	90
95) Naphthalene	15.385	128	16180	2.486	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	9093	2.864	ug/l	95

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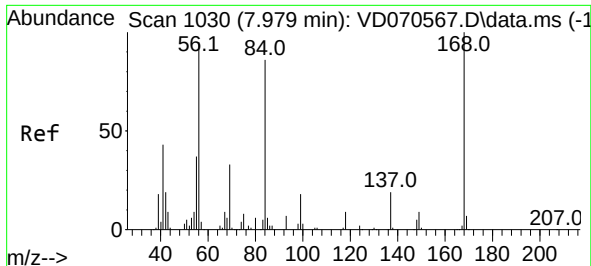
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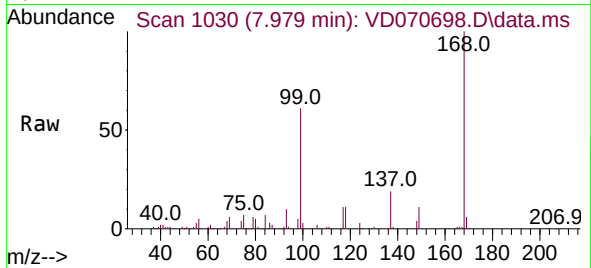
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070698.D
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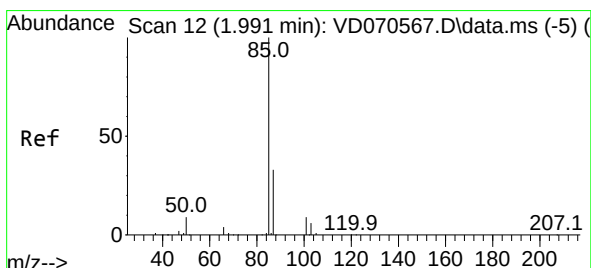
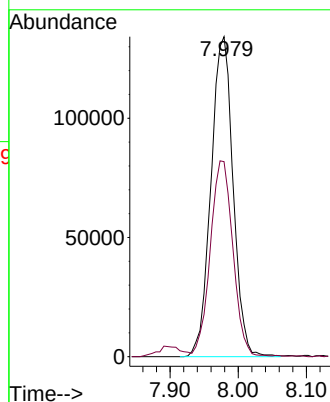
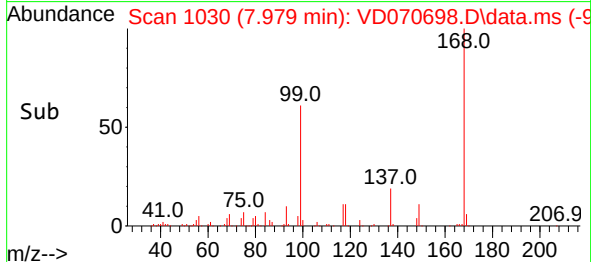
Instrument :
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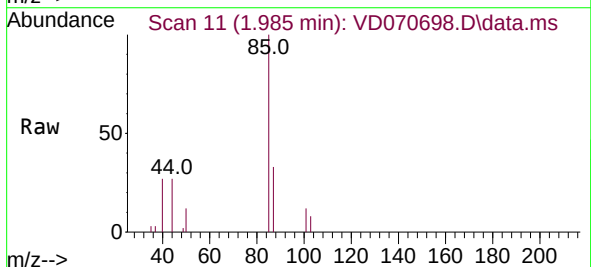
Tgt Ion:168 Resp: 303072
Ion Ratio Lower Upper
168 100
99 60.7 51.4 77.0

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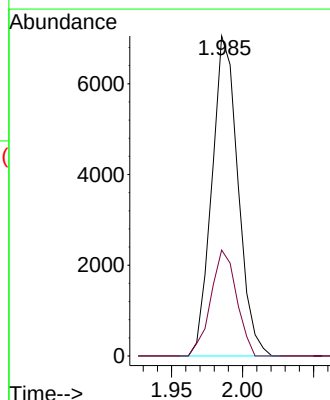
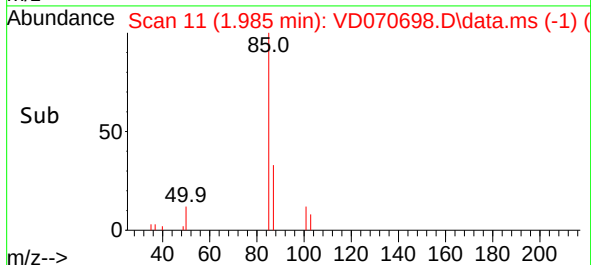
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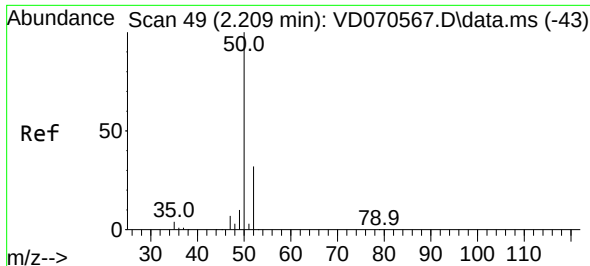


#2
Dichlorodifluoromethane
Concen: 2.438 ug/l
RT: 1.985 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD070698.D
Acq: 13 Oct 2021 15:24



Tgt Ion: 85 Resp: 9013
Ion Ratio Lower Upper
85 100
87 33.1 16.4 49.2





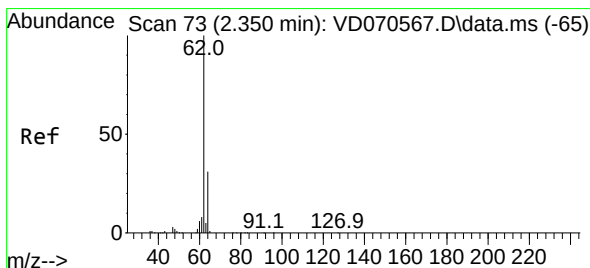
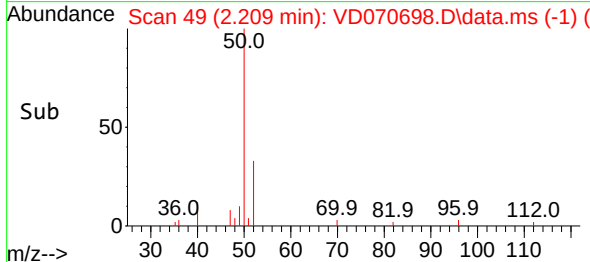
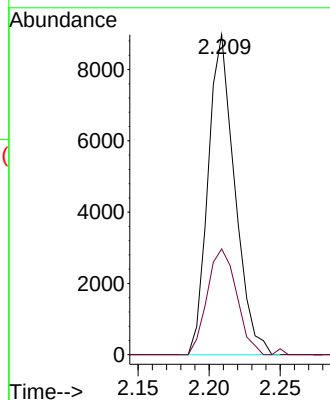
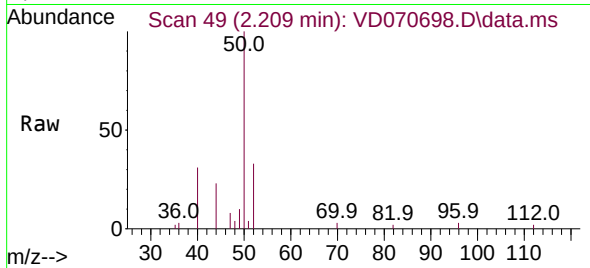
#3
Chloromethane
Concen: 2.551 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD070698.D
Acq: 13 Oct 2021 15:24

Tgt Ion: 50 Resp: 11710
Ion Ratio Lower Upper
50 100
52 33.1 26.0 39.0

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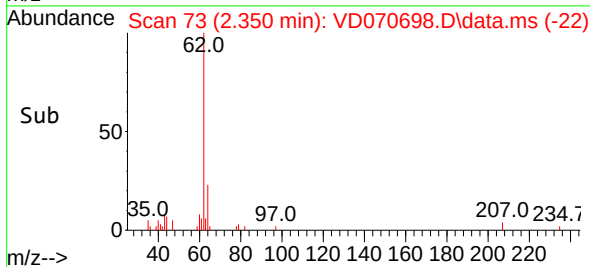
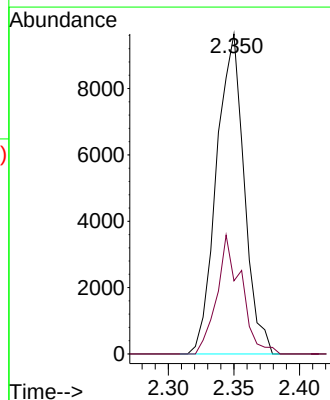
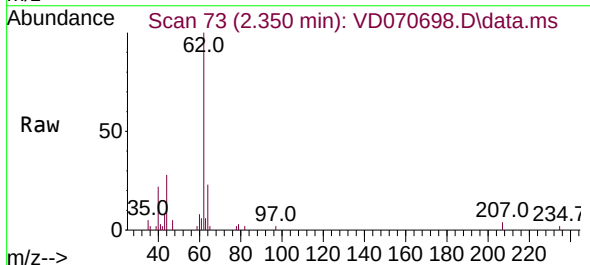
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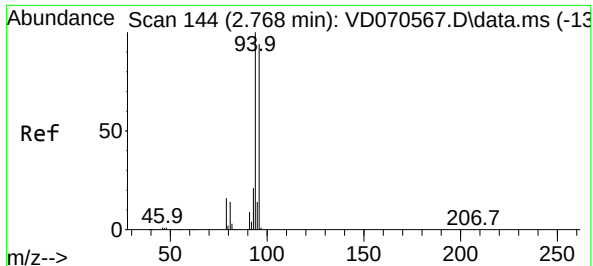
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#4
Vinyl Chloride
Concen: 2.777 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.000 min
Lab File: VD070698.D
Acq: 13 Oct 2021 15:24

Tgt Ion: 62 Resp: 14126
Ion Ratio Lower Upper
62 100
64 22.8 24.9 37.3#





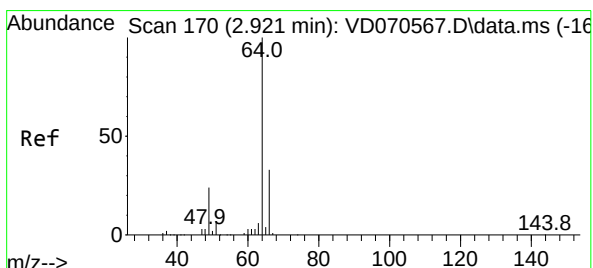
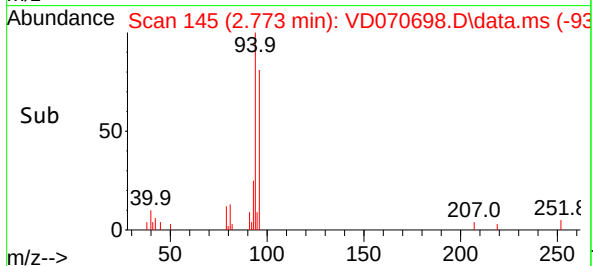
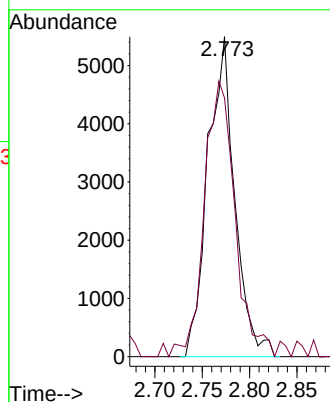
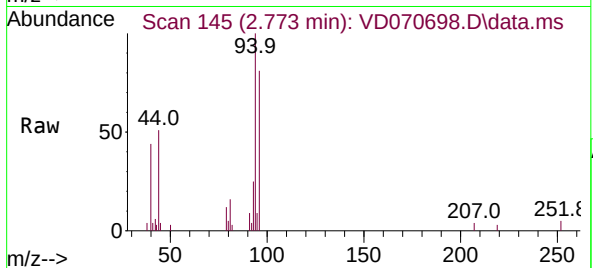
#5
Bromomethane
Concen: 3.142 ug/l
RT: 2.773 min Scan# 145
Delta R.T. 0.005 min
Lab File: VD070698.D
Acq: 13 Oct 2021 15:24

Tgt Ion: 94 Resp: 10896
Ion Ratio Lower Upper
94 100
96 77.4 75.5 113.3

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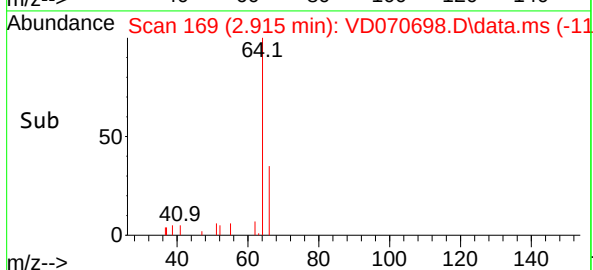
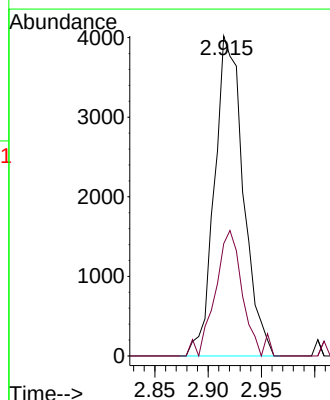
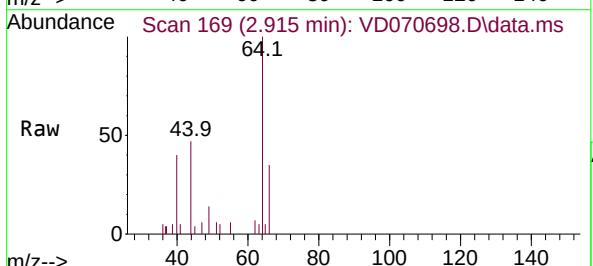
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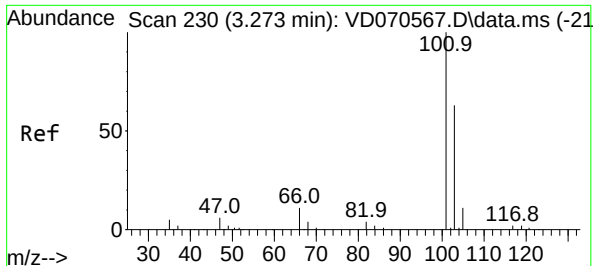
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#6
Chloroethane
Concen: 2.328 ug/l
RT: 2.915 min Scan# 169
Delta R.T. -0.006 min
Lab File: VD070698.D
Acq: 13 Oct 2021 15:24

Tgt Ion: 64 Resp: 7560
Ion Ratio Lower Upper
64 100
66 35.1 26.6 40.0





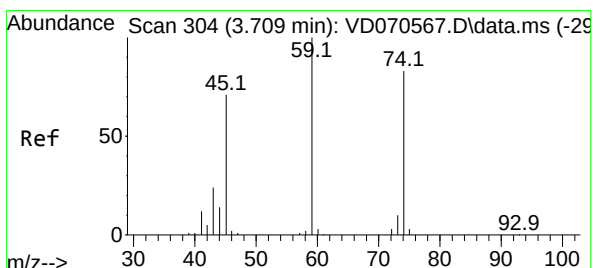
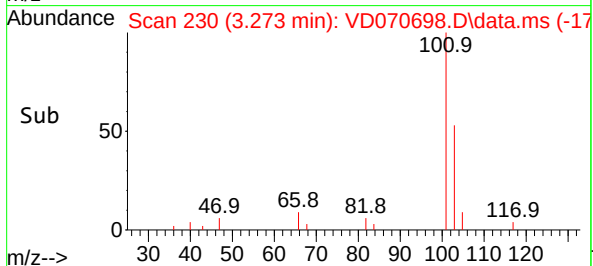
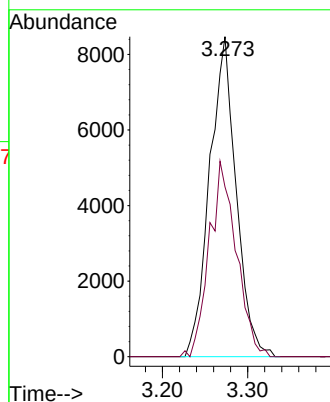
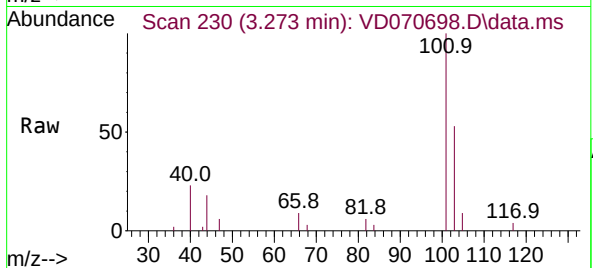
#7
Trichlorofluoromethane
Concen: 2.784 ug/l
RT: 3.273 min Scan# 230
Delta R.T. 0.000 min
Lab File: VD070698.D
Acq: 13 Oct 2021 15:24

Tgt Ion:101 Resp: 18348
Ion Ratio Lower Upper
101 100
103 53.0 50.1 75.1

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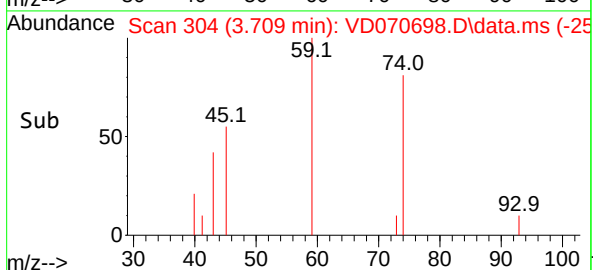
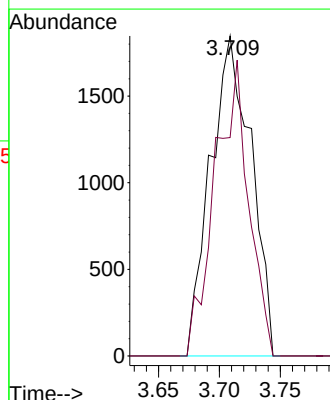
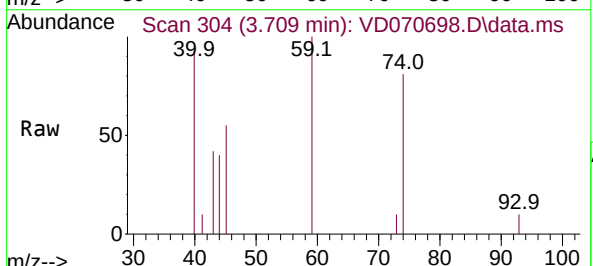
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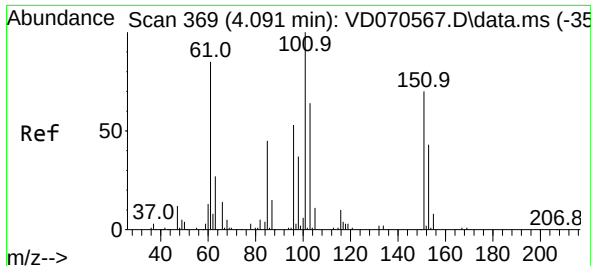
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#8
Diethyl Ether
Concen: 2.500 ug/l
RT: 3.709 min Scan# 304
Delta R.T. 0.000 min
Lab File: VD070698.D
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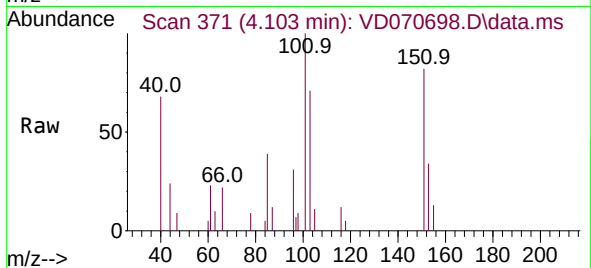
Tgt Ion: 74 Resp: 4287
Ion Ratio Lower Upper
74 100
45 76.7 45.1 135.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.646 ug/l
RT: 4.103 min Scan# 371
Delta R.T. 0.012 min
Lab File: VD070698.D
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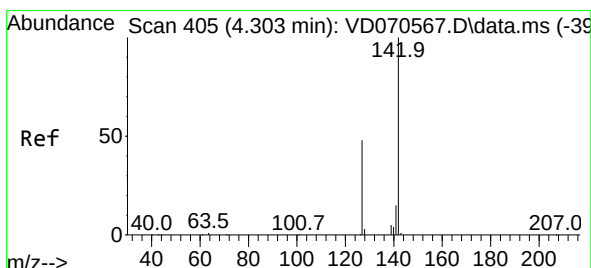
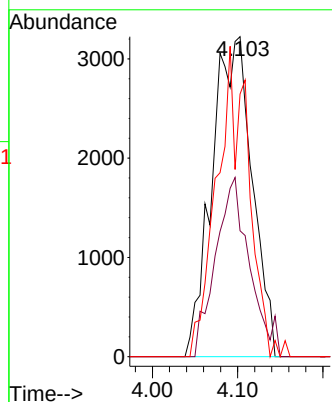
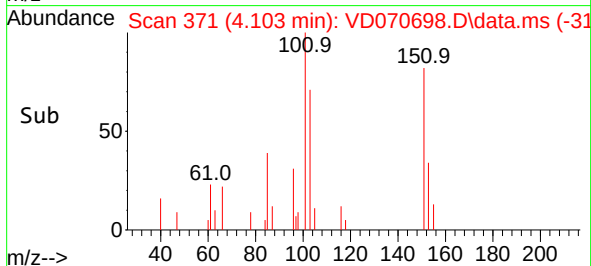
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ClientSampleId :
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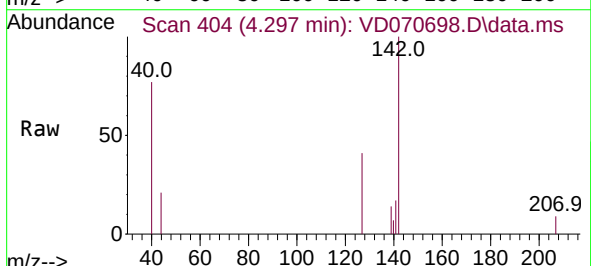
Tgt Ion	Ratio	Lower	Upper
101	100		
85	47.2	35.5	53.3
151	45.1	55.8	83.8#

Manual Integrations
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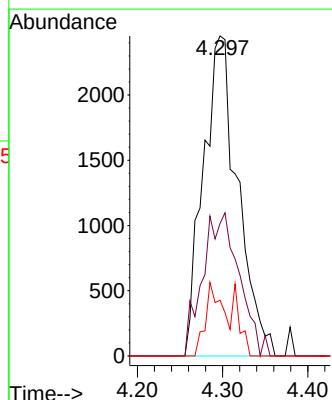
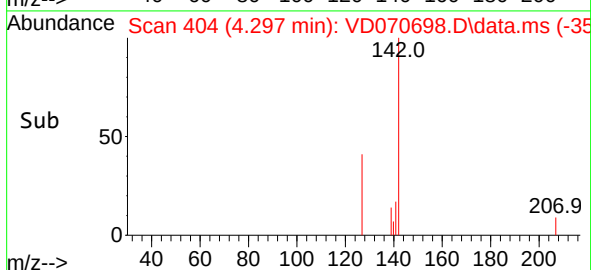
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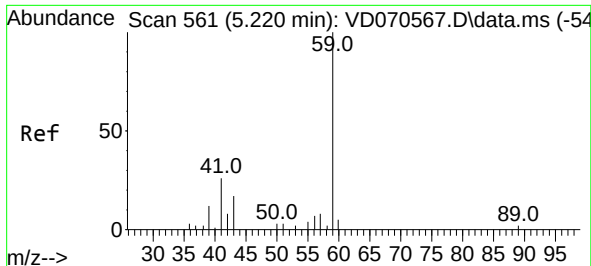


#10
Methyl Iodide
Concen: 1.857 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD070698.D
Acq: 13 Oct 2021 15:24



Tgt Ion	Ratio	Lower	Upper
142	100		
127	47.7	37.5	56.3
141	11.8	12.1	18.1#





#11

Tert butyl alcohol

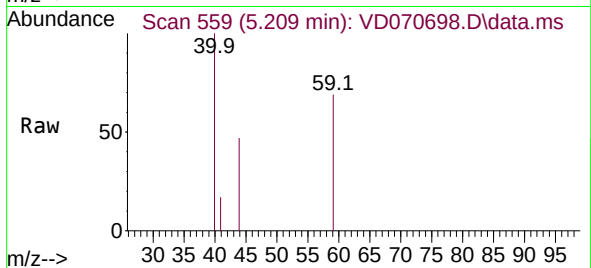
Concen: 13.476 ug/l m

RT: 5.209 min Scan# 559

Delta R.T. -0.011 min

Lab File: VD070698.D

Acq: 13 Oct 2021 15:24

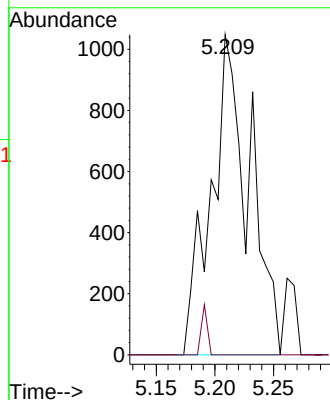
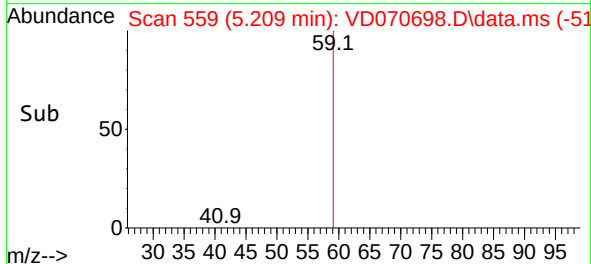


Tgt Ion: 59 Resp: 2381

Ion Ratio Lower Upper

59 100

57 0.0 4.5 6.7#



Instrument :

MSVOA_D

ClientSampleId :

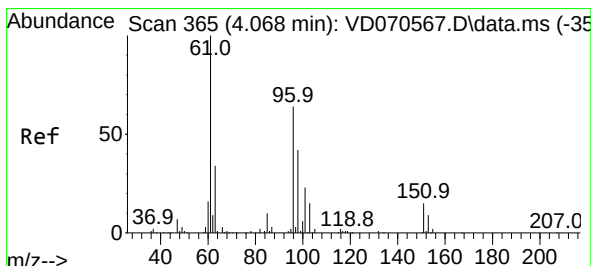
LOD-MDL-SOIL-01-QT4-2021

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#12

1,1-Dichloroethene

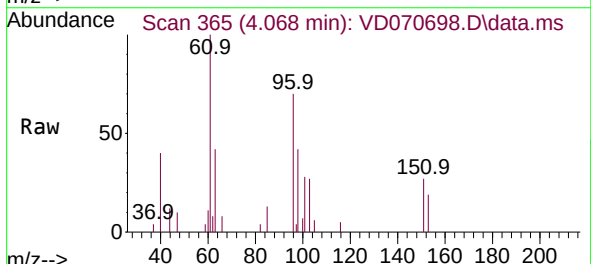
Concen: 2.511 ug/l

RT: 4.068 min Scan# 365

Delta R.T. 0.000 min

Lab File: VD070698.D

Acq: 13 Oct 2021 15:24



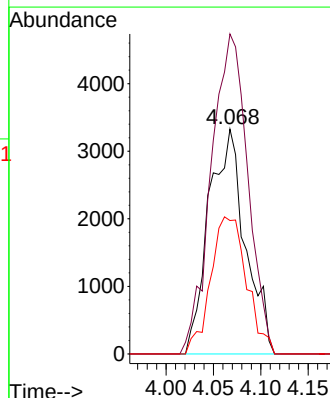
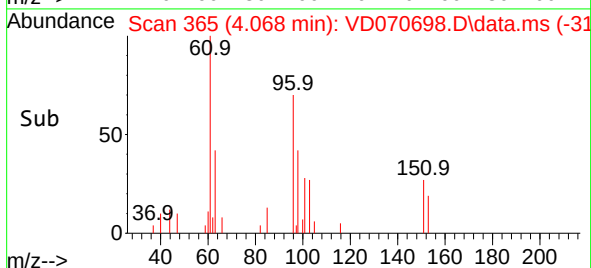
Tgt Ion: 96 Resp: 8930

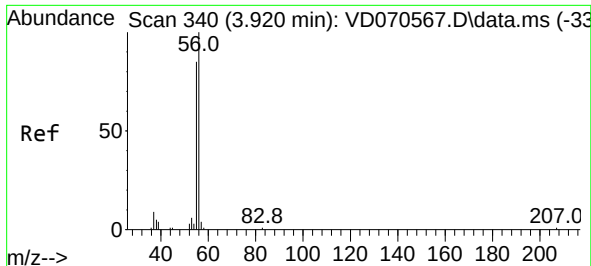
Ion Ratio Lower Upper

96 100

61 142.4 125.9 188.9

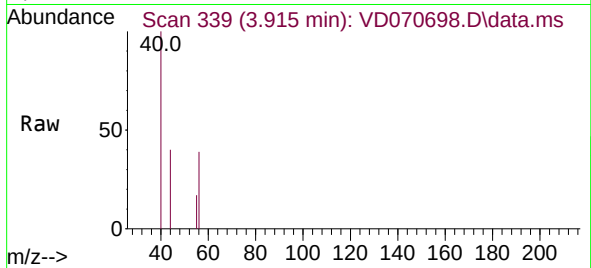
98 59.4 52.3 78.5





#13
Acrolein
Concen: 10.204 ug/l
RT: 3.915 min Scan# 339
Delta R.T. -0.006 min
Lab File: VD070698.D
Acq: 13 Oct 2021 15:24

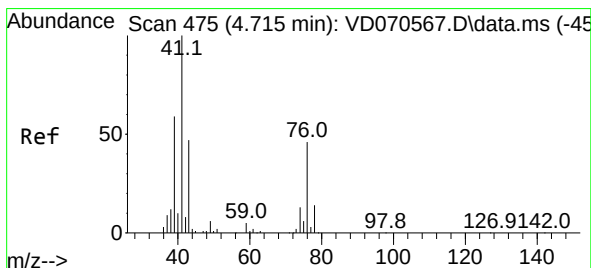
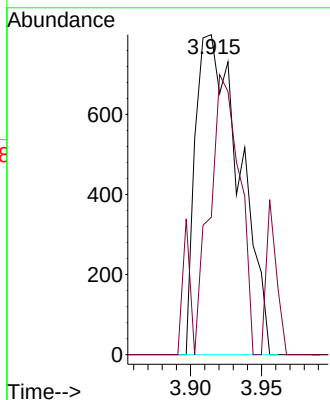
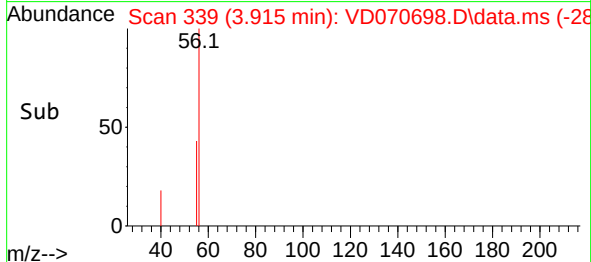
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



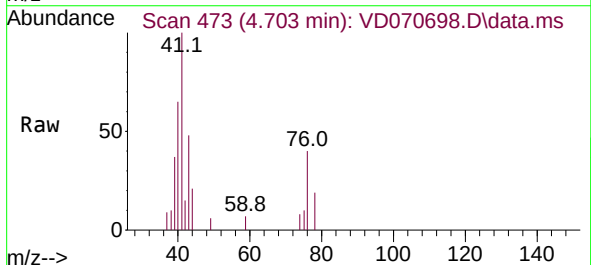
Tgt Ion: 56 Resp: 1731
Ion Ratio Lower Upper
56 100
55 66.0 56.8 85.2

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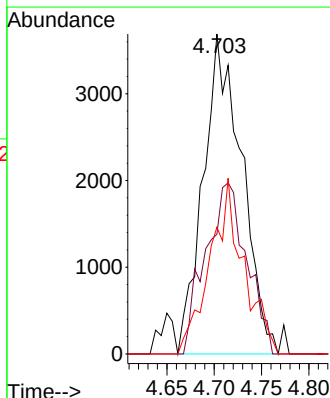
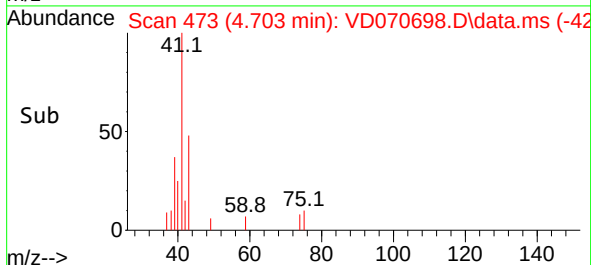
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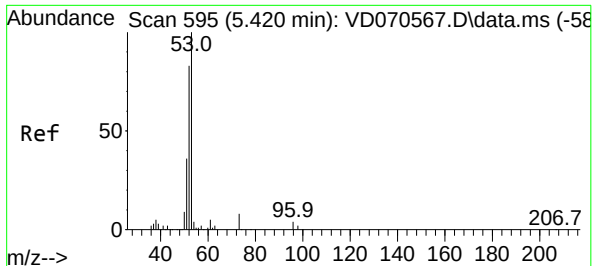


#14
Allyl chloride
Concen: 2.108 ug/l
RT: 4.703 min Scan# 473
Delta R.T. -0.012 min
Lab File: VD070698.D
Acq: 13 Oct 2021 15:24



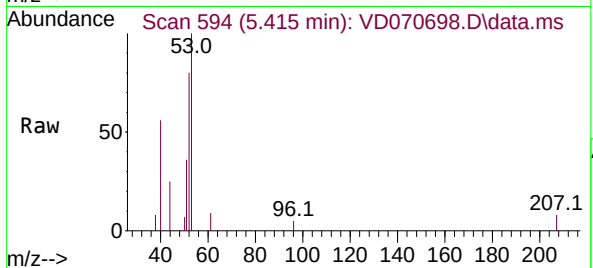
Tgt Ion: 41 Resp: 10436
Ion Ratio Lower Upper
41 100
39 57.0 46.4 69.6
76 47.5 34.6 51.8





#15
Acrylonitrile
Concen: 11.603 ug/l
RT: 5.415 min Scan# 594
Delta R.T. -0.006 min
Lab File: VD070698.D
Acq: 13 Oct 2021 15:24

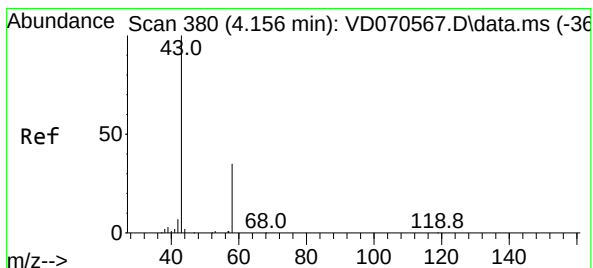
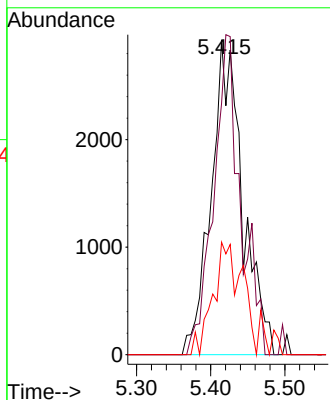
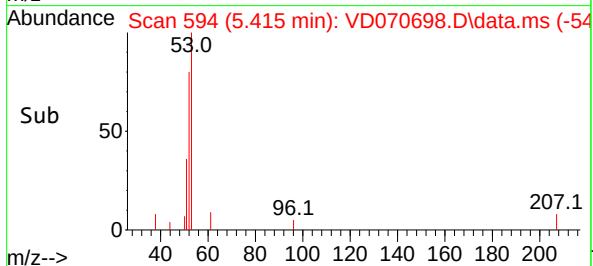
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



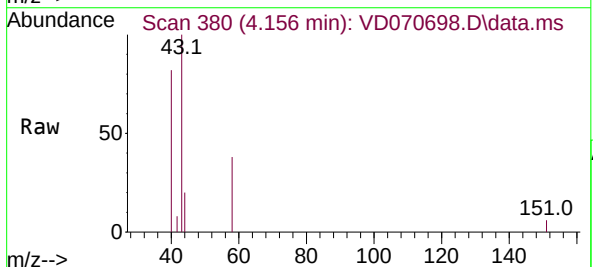
Tgt Ion: 53 Resp: 8633
Ion Ratio Lower Upper
53 100
52 87.0 64.6 97.0
51 32.8 28.7 43.1

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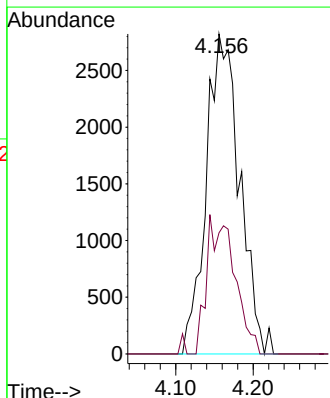
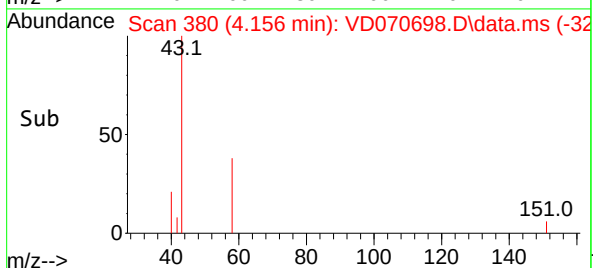
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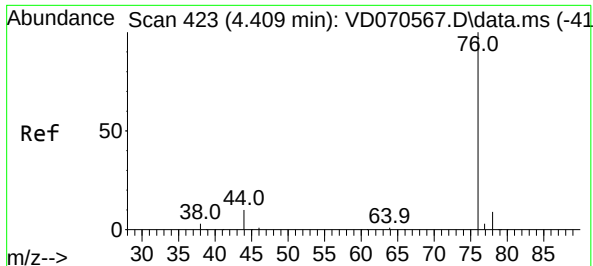


#16
Acetone
Concen: 14.001 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD070698.D
Acq: 13 Oct 2021 15:24



Tgt Ion: 43 Resp: 8480
Ion Ratio Lower Upper
43 100
58 37.8 28.2 42.2





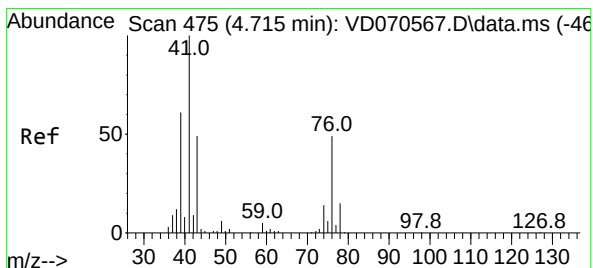
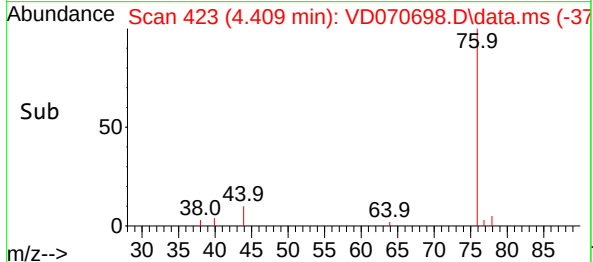
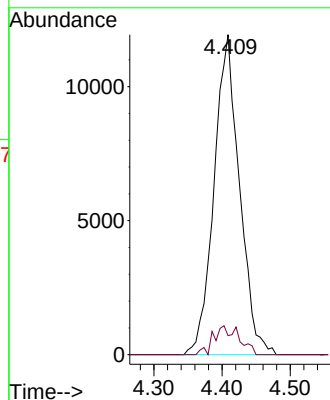
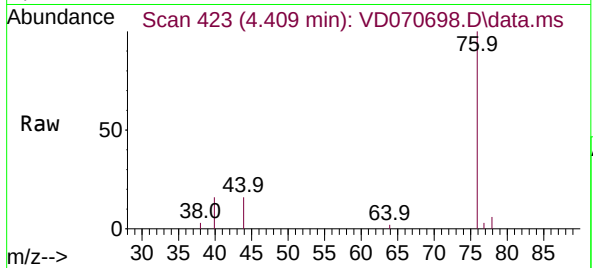
#17
Carbon Disulfide
Concen: 2.389 ug/l
RT: 4.409 min Scan# 423
Delta R.T. 0.000 min
Lab File: VD070698.D
Acq: 13 Oct 2021 15:24

Tgt Ion: 76 Resp: 31016
Ion Ratio Lower Upper
76 100
78 5.9 7.4 11.2#

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

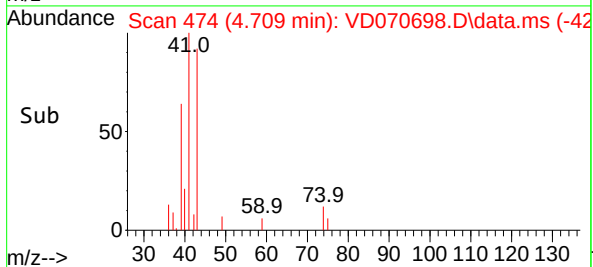
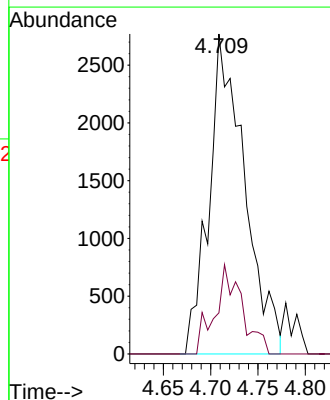
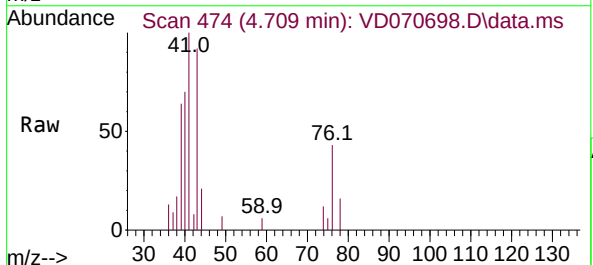
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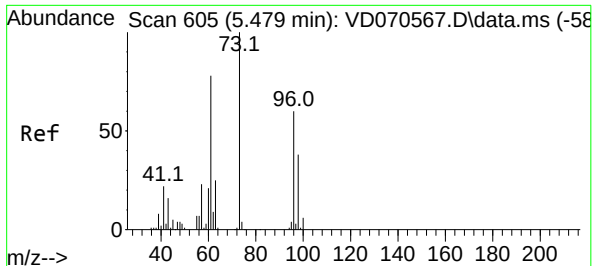
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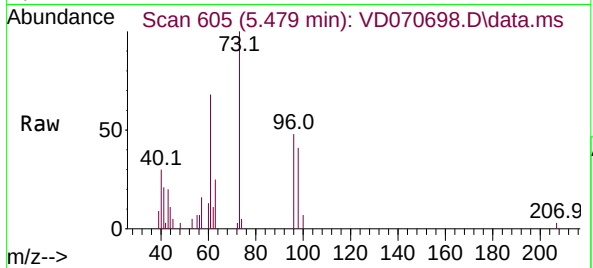
#18
Methyl Acetate
Concen: 3.101 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD070698.D
Acq: 13 Oct 2021 15:24

Tgt Ion: 43 Resp: 7248
Ion Ratio Lower Upper
43 100
74 21.2 22.6 33.8#

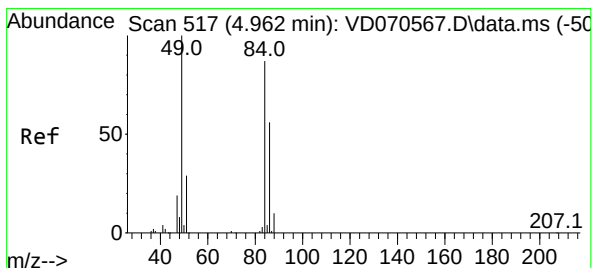
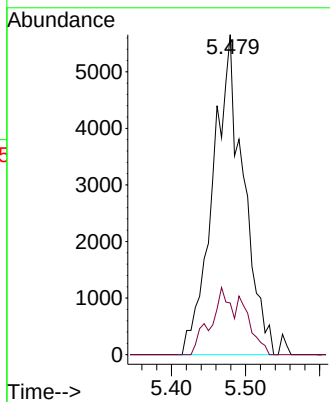
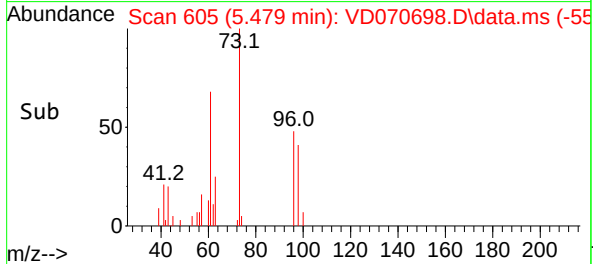




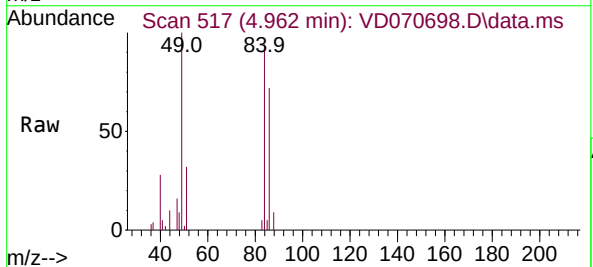
#19
Methyl tert-butyl Ether
Concen: 2.293 ug/l
RT: 5.479 min Scan# 605
Delta R.T. 0.000 min
Lab File: VD070698.D
Acq: 13 Oct 2021 15:24



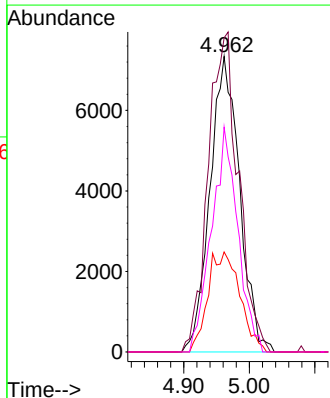
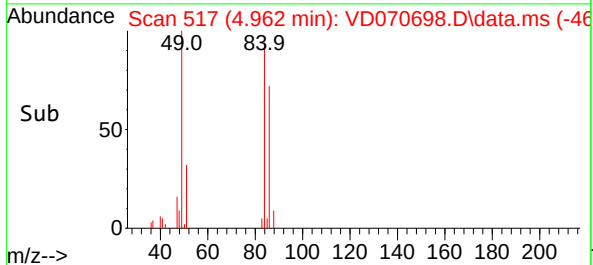
Tgt Ion: 73 Resp: 16246
Ion Ratio Lower Upper
73 100
57 16.2 18.1 27.1#



#20
Methylene Chloride
Concen: 4.070 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD070698.D
Acq: 13 Oct 2021 15:24



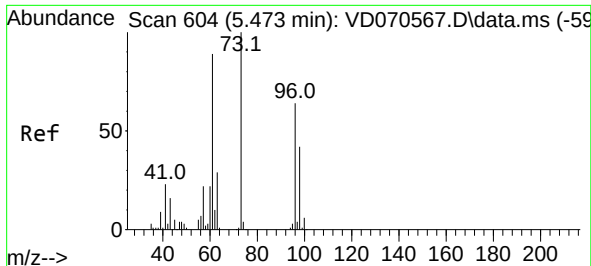
Tgt Ion: 84 Resp: 23007
Ion Ratio Lower Upper
84 100
49 106.3 91.4 137.2
51 33.9 26.7 40.1
86 76.1 50.8 76.2



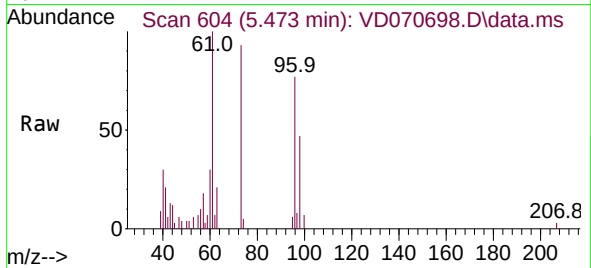
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

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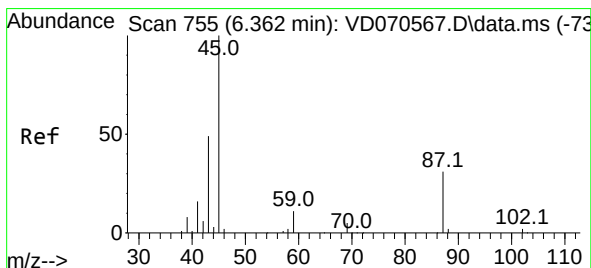
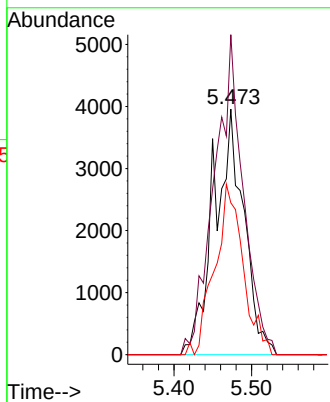
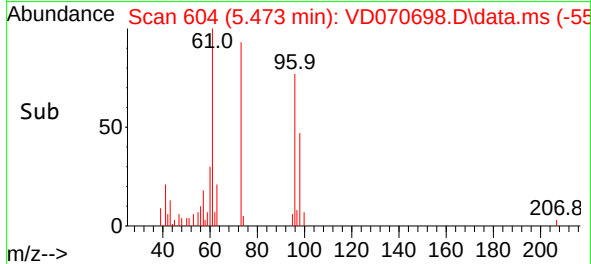


#21
trans-1,2-Dichloroethene
Concen: 2.544 ug/l m
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD070698.D
Acq: 13 Oct 2021 15:24

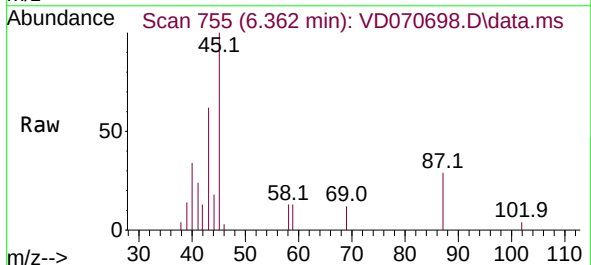


Tgt Ion: 96 Resp: 10644

Ion	Ratio	Lower	Upper
96	100		
61	130.3	111.1	166.7
98	61.8	51.9	77.9

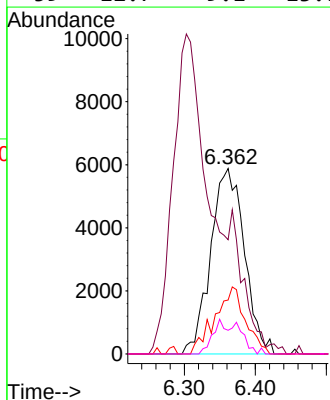
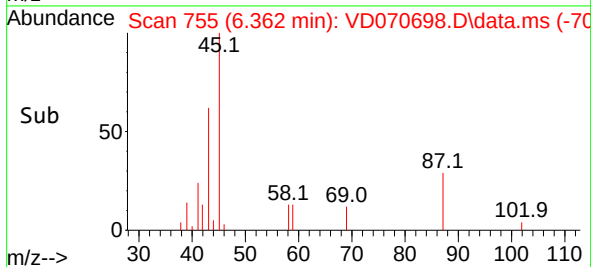


#22
Diisopropyl ether
Concen: 1.906 ug/l
RT: 6.362 min Scan# 755
Delta R.T. 0.000 min
Lab File: VD070698.D
Acq: 13 Oct 2021 15:24



Tgt Ion: 45 Resp: 19383

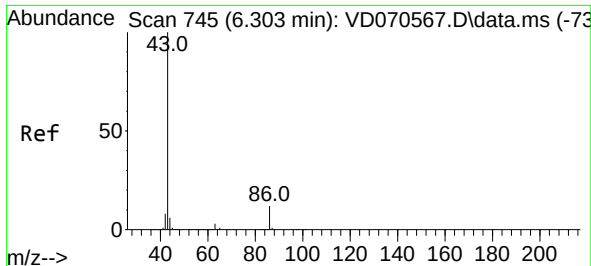
Ion	Ratio	Lower	Upper
45	100		
43	58.6	40.6	61.0
87	29.1	24.6	37.0
59	12.7	9.1	13.7



Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

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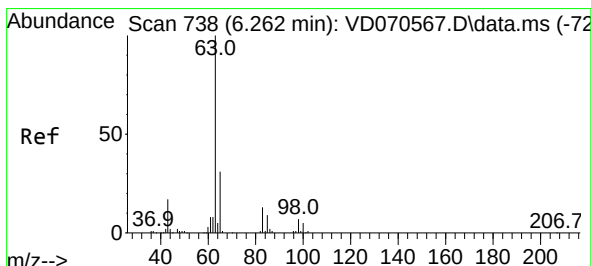
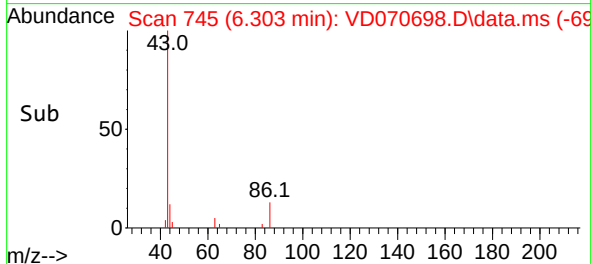
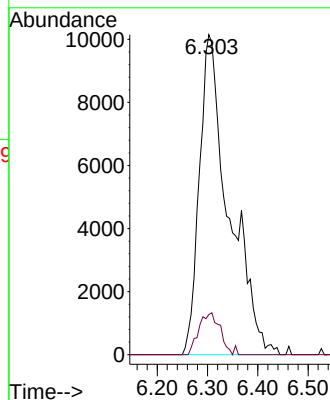
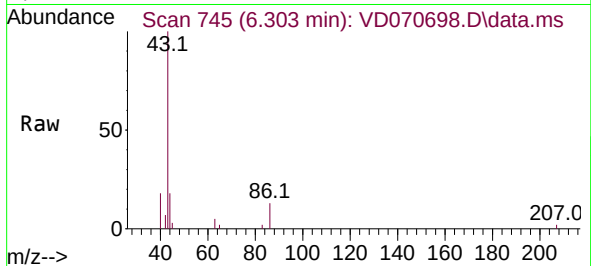
#23
 Vinyl Acetate
 Concen: 8.940 ug/l m
 RT: 6.303 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD070698.D
 Acq: 13 Oct 2021 15:24

Tgt Ion: 43 Resp: 41337
 Ion Ratio Lower Upper
 43 100
 86 12.5 9.8 14.6

Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2021

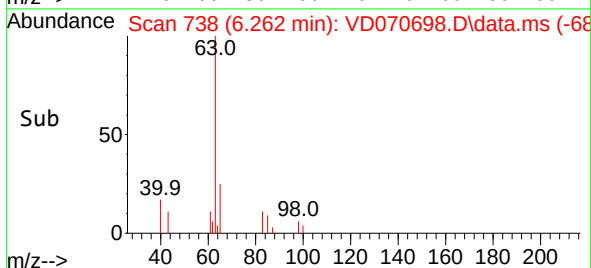
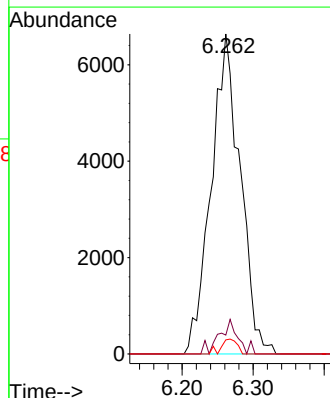
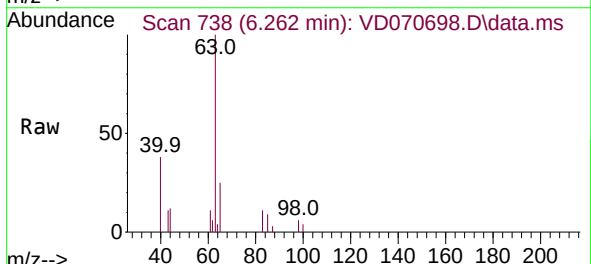
Manual Integrations
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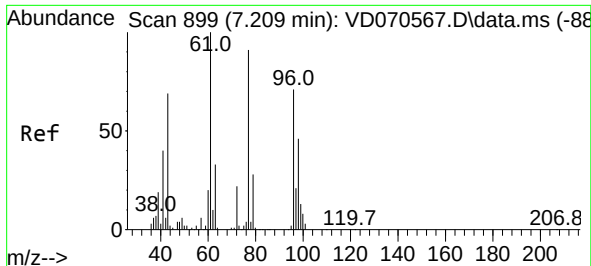
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#24
 1,1-Dichloroethane
 Concen: 2.521 ug/l
 RT: 6.262 min Scan# 738
 Delta R.T. 0.000 min
 Lab File: VD070698.D
 Acq: 13 Oct 2021 15:24

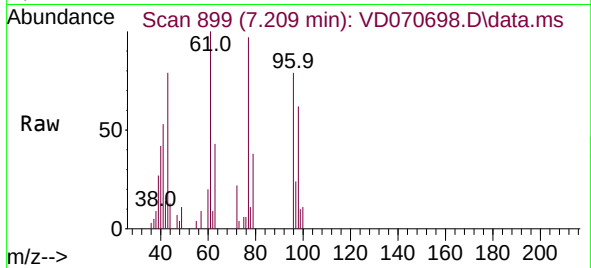
Tgt Ion: 63 Resp: 18884
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.6 10.9
 100 4.4 2.4 7.2





#25
2-Butanone
Concen: 11.702 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD070698.D
Acq: 13 Oct 2021 15:24

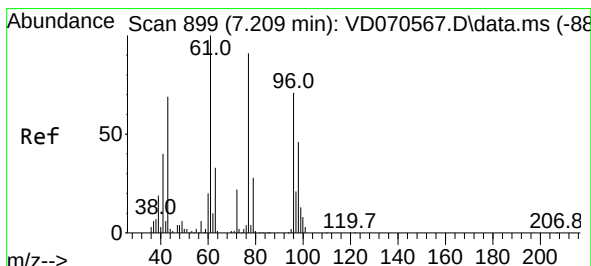
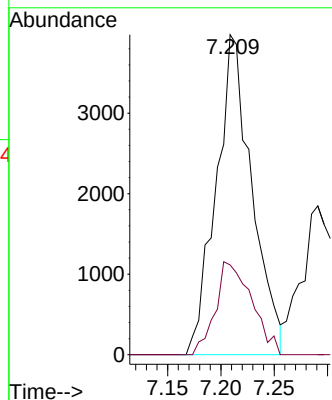
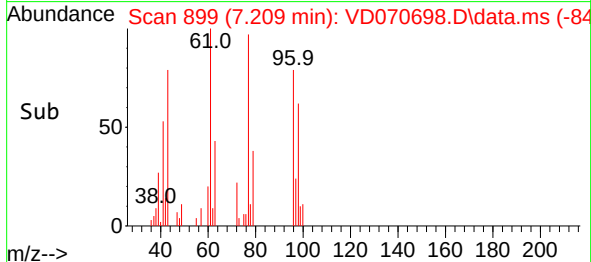
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



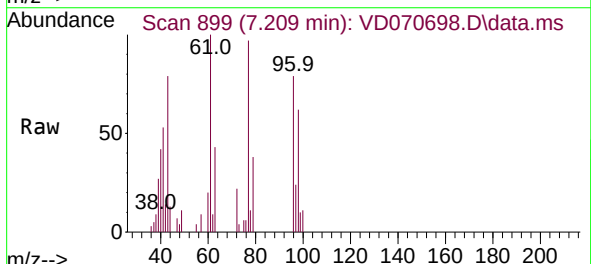
Tgt Ion: 43 Resp: 9280
Ion Ratio Lower Upper
43 100
72 28.1 25.2 37.8

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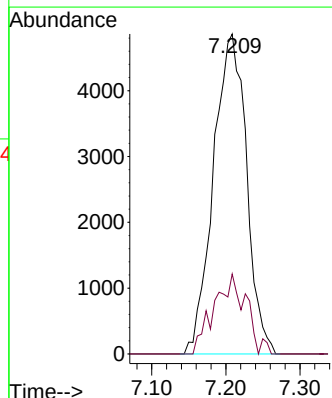
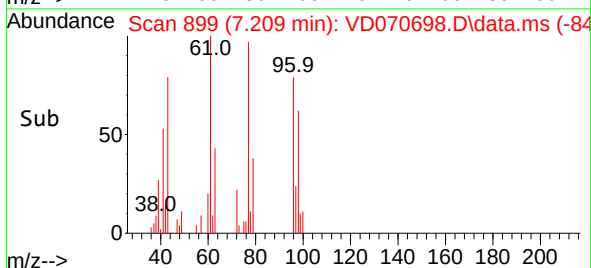
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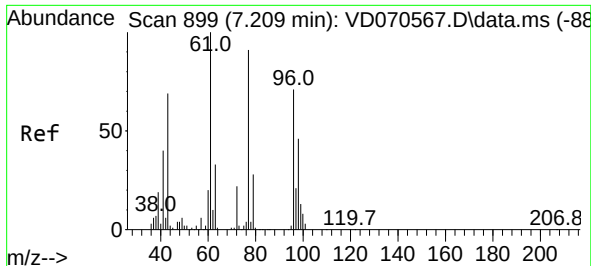


#26
2,2-Dichloropropane
Concen: 2.433 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD070698.D
Acq: 13 Oct 2021 15:24



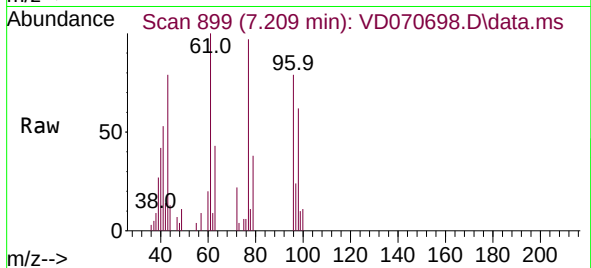
Tgt Ion: 77 Resp: 15083
Ion Ratio Lower Upper
77 100
97 23.4 11.9 35.7





#27
cis-1,2-Dichloroethene
Concen: 2.591 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD070698.D
Acq: 13 Oct 2021 15:24

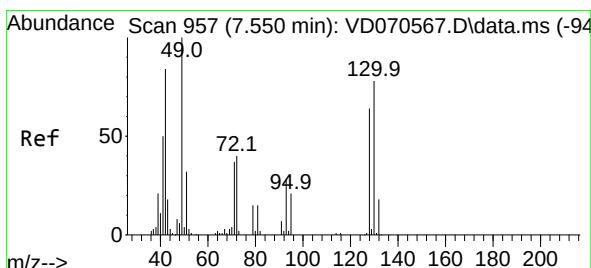
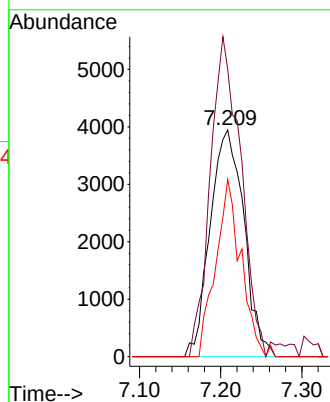
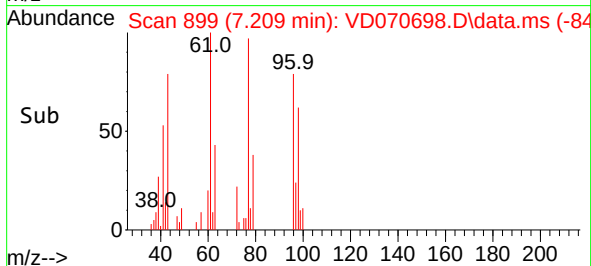
Instrument :
MSVOA_D
ClientSampleId :
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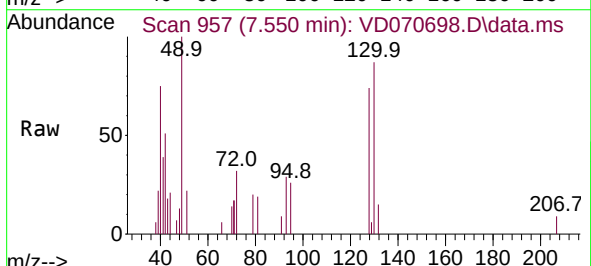
Tgt Ion	Ratio	Lower	Upper
96	100		
61	127.5	0.0	278.2
98	58.8	0.0	128.6

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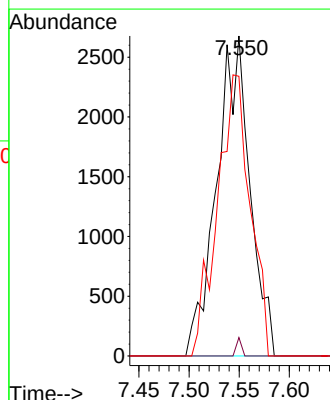
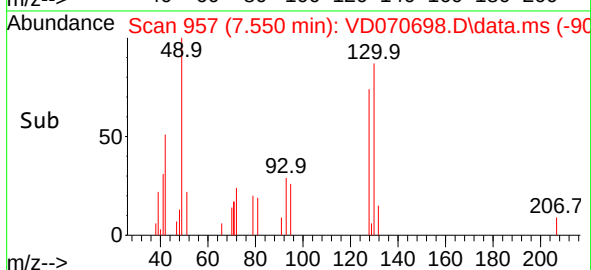
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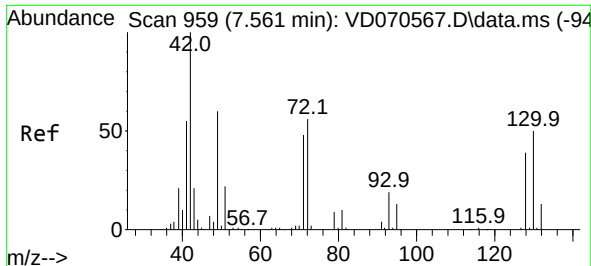


#28
Bromochloromethane
Concen: 2.372 ug/l
RT: 7.550 min Scan# 957
Delta R.T. 0.000 min
Lab File: VD070698.D
Acq: 13 Oct 2021 15:24



Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	4.8
130	86.3	62.4	93.6





#29

Tetrahydrofuran

Concen: 10.273 ug/l

RT: 7.561 min Scan# 959

Delta R.T. 0.000 min

Lab File: VD070698.D

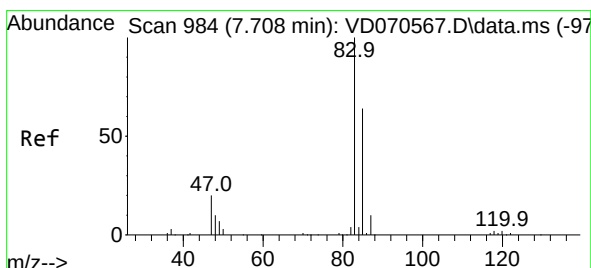
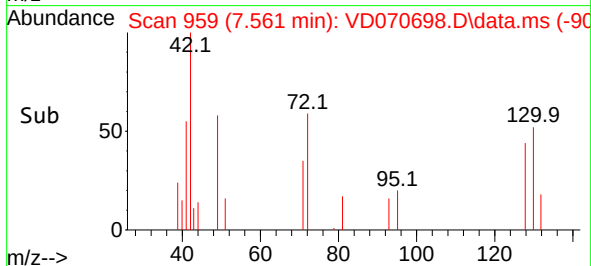
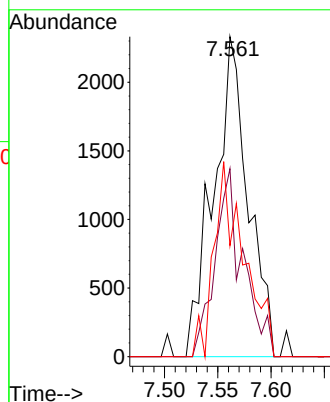
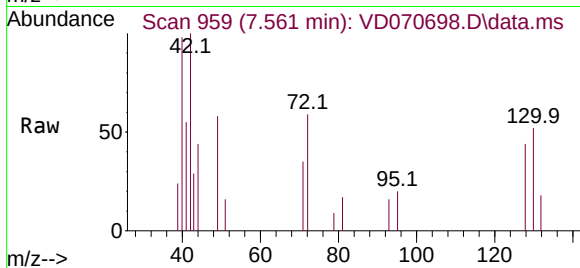
Acq: 13 Oct 2021 15:24

Tgt Ion:	42	Resp:	5251
Ion	Ratio	Lower	Upper
42	100		
72	47.7	40.2	60.4
71	52.6	37.2	55.8

Instrument :
MSVOA_D
ClientSampleId :
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#30

Chloroform

Concen: 2.780 ug/l

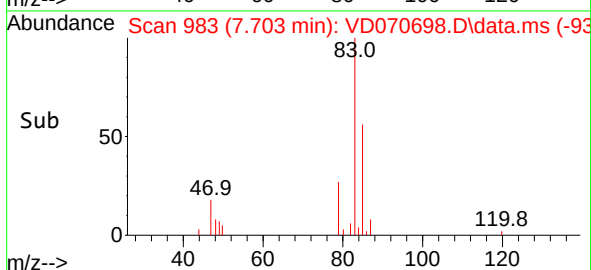
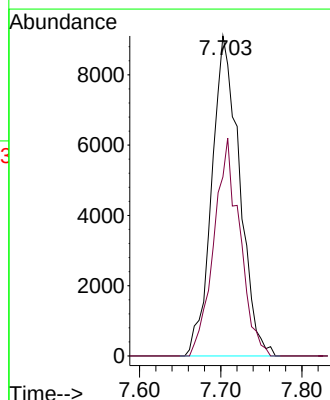
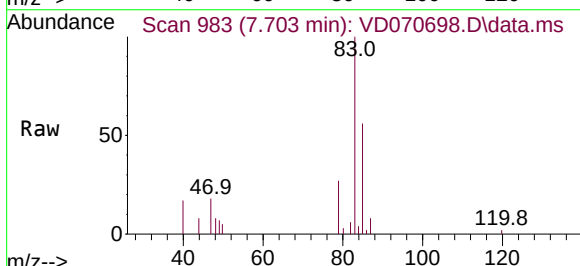
RT: 7.703 min Scan# 983

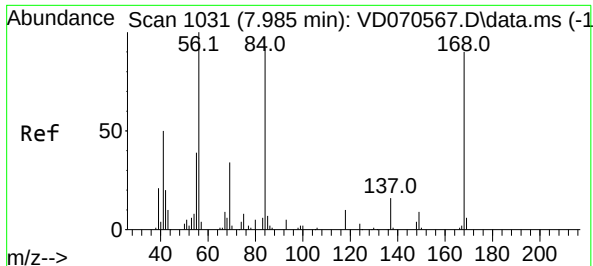
Delta R.T. -0.006 min

Lab File: VD070698.D

Acq: 13 Oct 2021 15:24

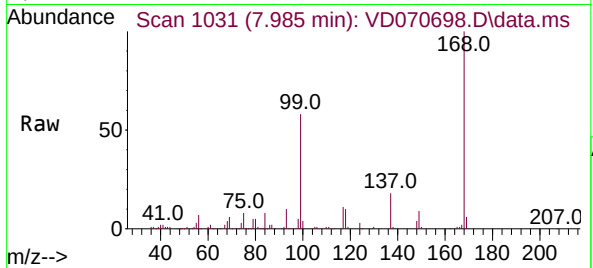
Tgt Ion:	83	Resp:	21663
Ion	Ratio	Lower	Upper
83	100		
85	56.0	51.2	76.8





#31
Cyclohexane
Concen: 2.749 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD070698.D
Acq: 13 Oct 2021 15:24

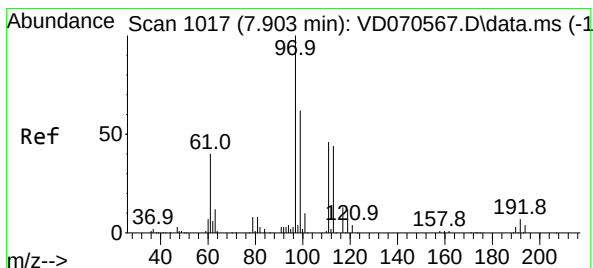
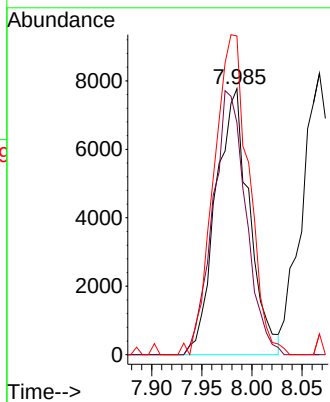
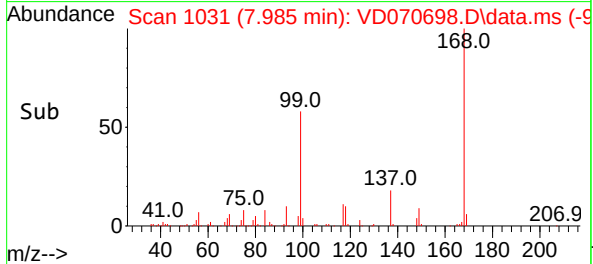
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



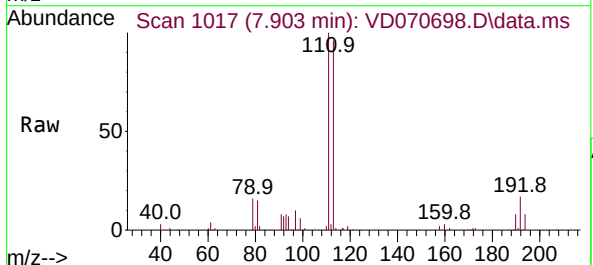
Tgt Ion: 56 Resp: 18158
Ion Ratio Lower Upper
56 100
69 87.3 27.4 41.2#
84 119.9 73.6 110.4#

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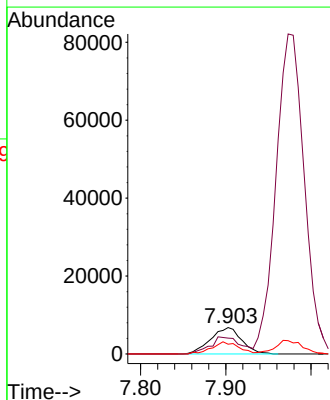
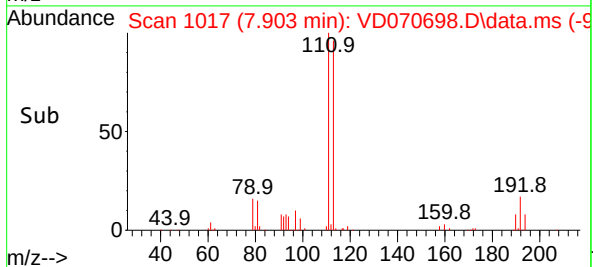
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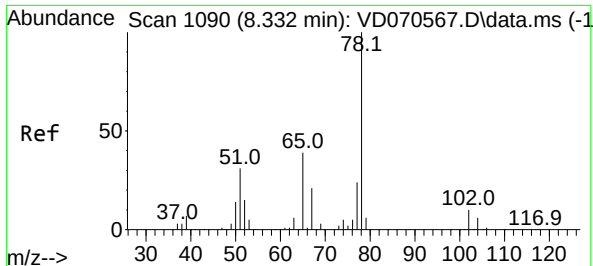


#32
1,1,1-Trichloroethane
Concen: 2.548 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. 0.000 min
Lab File: VD070698.D
Acq: 13 Oct 2021 15:24



Tgt Ion: 97 Resp: 17099
Ion Ratio Lower Upper
97 100
99 64.3 50.7 76.1
61 39.3 32.5 48.7





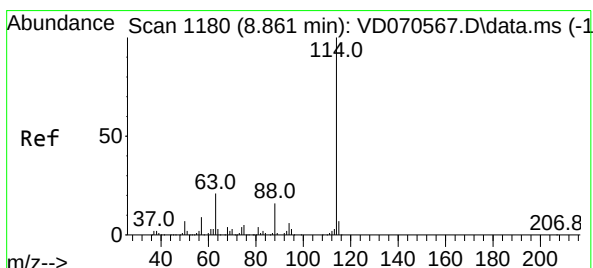
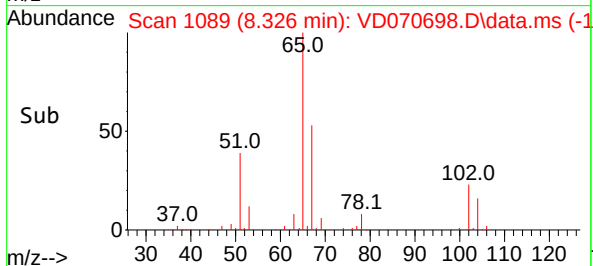
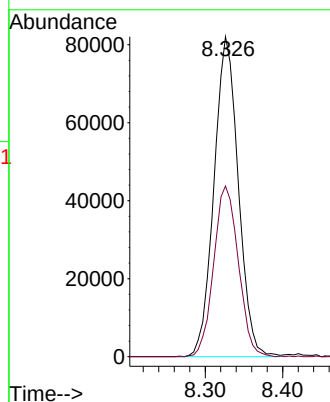
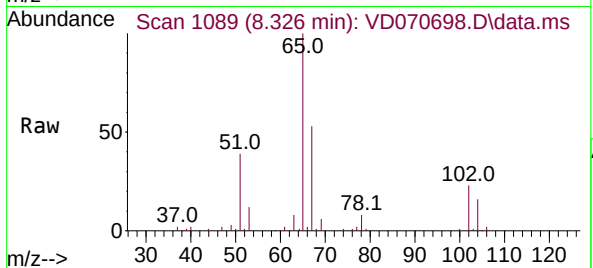
#33
1,2-Dichloroethane-d4
Concen: 50.123 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD070698.D
Acq: 13 Oct 2021 15:24

Tgt Ion: 65 Resp: 178775
Ion Ratio Lower Upper
65 100
67 54.2 0.0 110.2

Instrument :
MSVOA_D
ClientSampleId :
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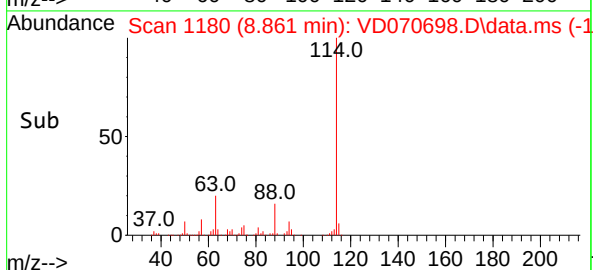
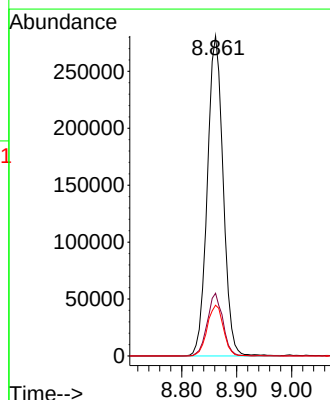
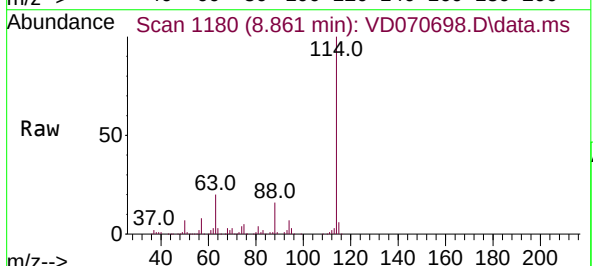
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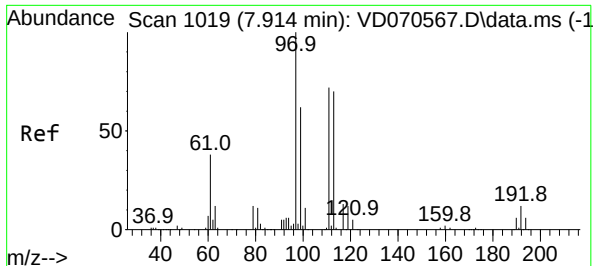
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#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070698.D
Acq: 13 Oct 2021 15:24

Tgt Ion: 114 Resp: 561520
Ion Ratio Lower Upper
114 100
63 19.6 0.0 41.8
88 15.8 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.507 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD070698.D

Acq: 13 Oct 2021 15:24

Tgt Ion:	113	Resp:	188557
Ion Ratio	Lower	Upper	
113	100		
111	103.5	83.1	124.7
192	17.1	12.7	19.1

Instrument :

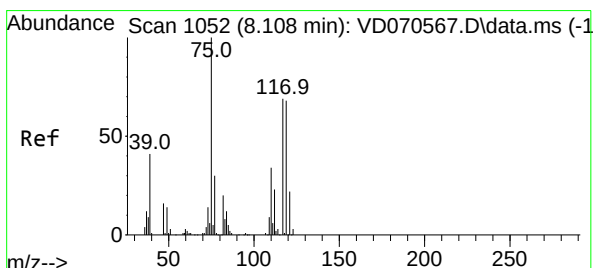
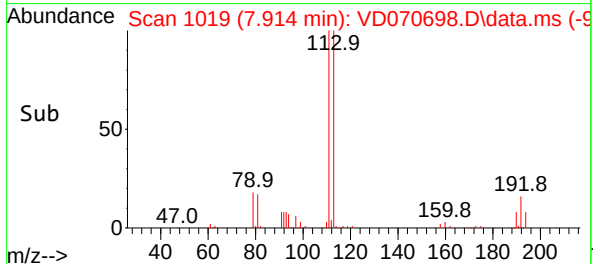
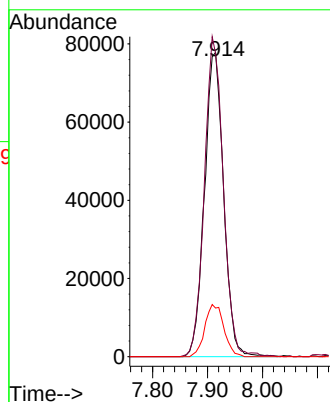
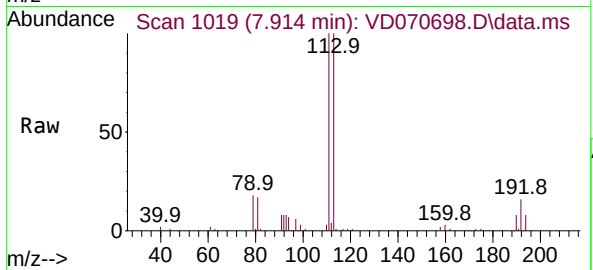
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#36

1,1-Dichloropropene

Concen: 2.408 ug/l

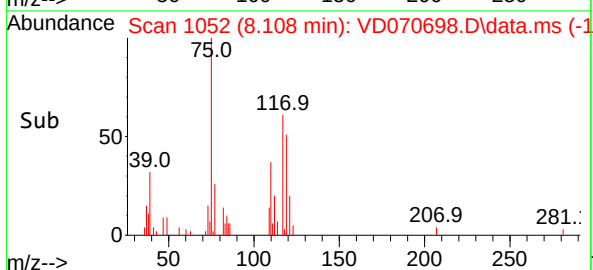
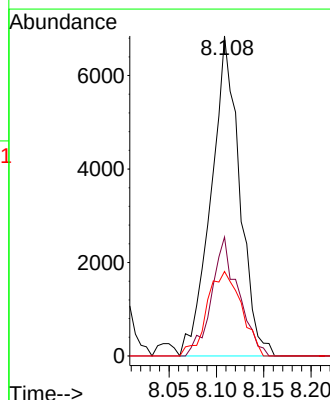
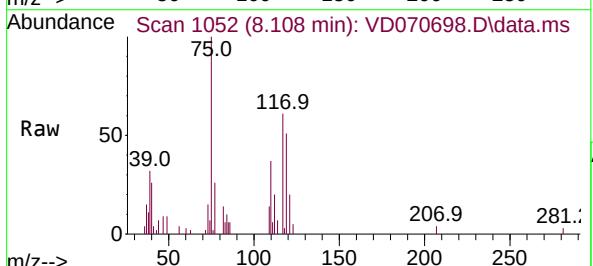
RT: 8.108 min Scan# 1052

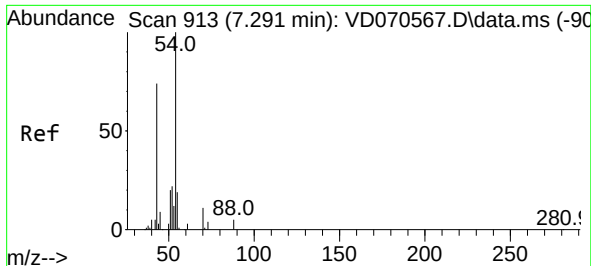
Delta R.T. 0.000 min

Lab File: VD070698.D

Acq: 13 Oct 2021 15:24

Tgt Ion:	75	Resp:	14362
Ion Ratio	Lower	Upper	
75	100		
110	34.9	17.2	51.6
77	31.7	24.2	36.4





#37

Ethyl Acetate

Concen: 2.475 ug/l

RT: 7.291 min Scan# 913

Delta R.T. 0.000 min

Lab File: VD070698.D

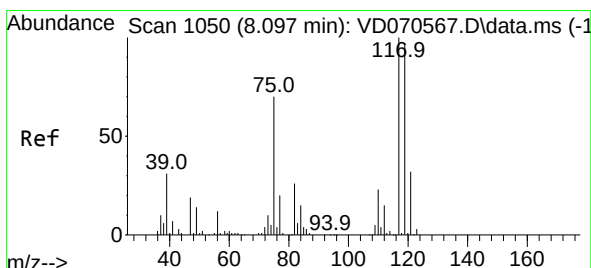
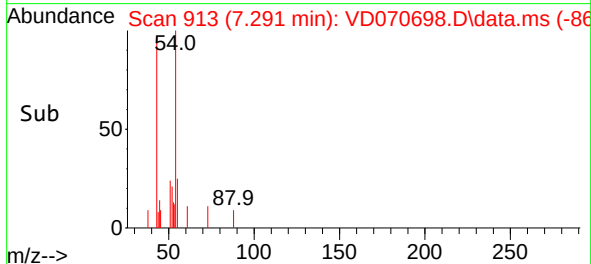
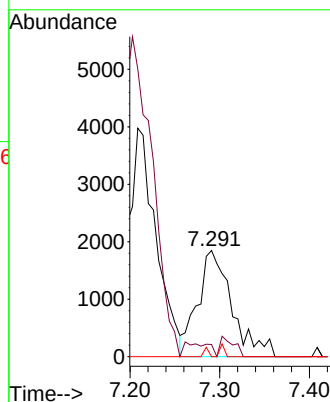
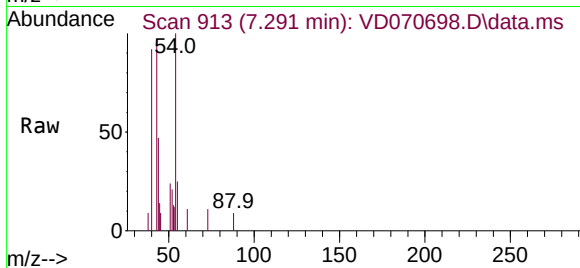
Acq: 13 Oct 2021 15:24

Tgt Ion:	43	Resp:	4903
Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.9	19.3#
70	1.2	9.9	14.9#

Instrument :
MSVOA_D
ClientSampleId :
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#38

Carbon Tetrachloride

Concen: 2.432 ug/l

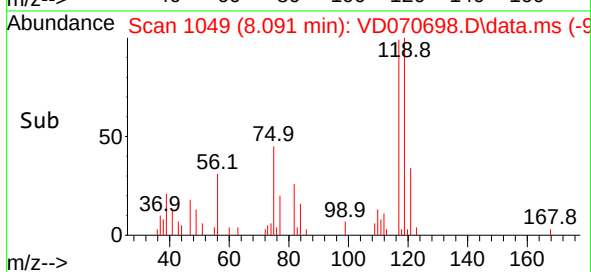
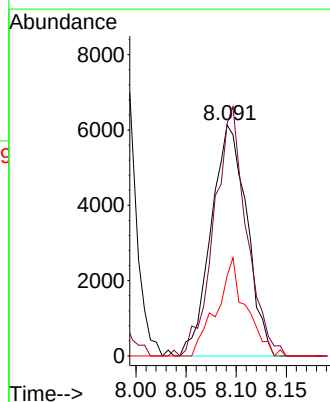
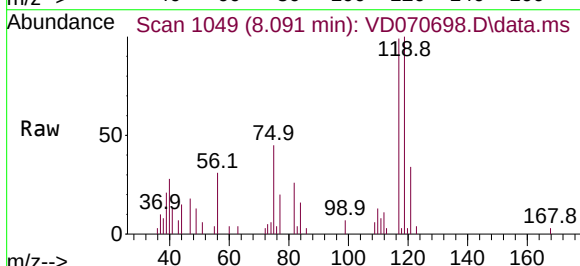
RT: 8.091 min Scan# 1049

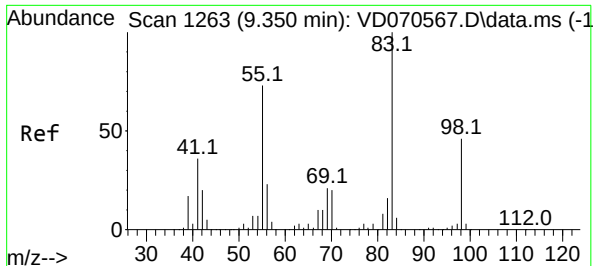
Delta R.T. -0.006 min

Lab File: VD070698.D

Acq: 13 Oct 2021 15:24

Tgt Ion:	117	Resp:	15181
Ion	Ratio	Lower	Upper
117	100		
119	100.7	77.4	116.0
121	34.6	25.4	38.0





#39

Methylcyclohexane

Concen: 2.151 ug/l

RT: 9.350 min Scan# 1263

Delta R.T. 0.000 min

Lab File: VD070698.D

Acq: 13 Oct 2021 15:24

Tgt Ion:	83	Resp:	14754
Ion	Ratio	Lower	Upper
83	100		
55	62.1	58.2	87.4
98	45.4	36.9	55.3

Instrument :

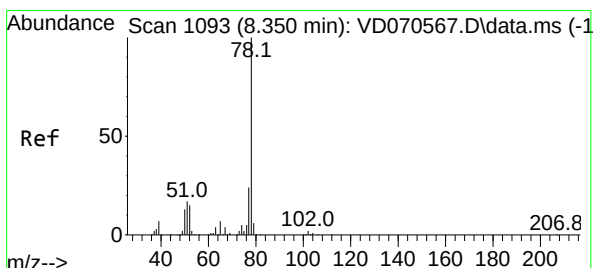
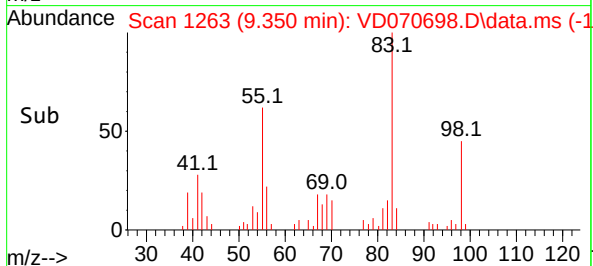
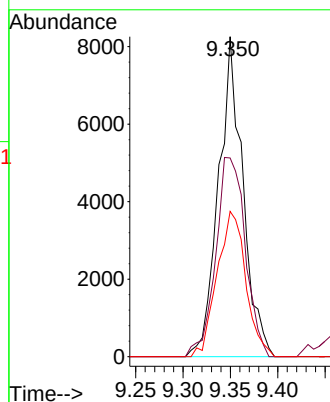
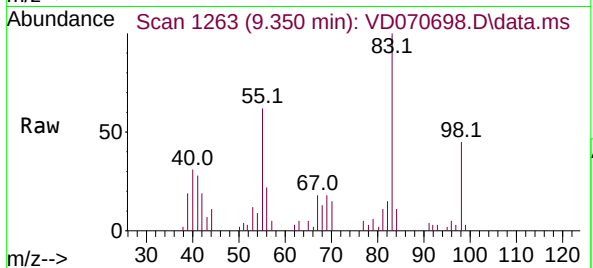
MSVOA_D

ClientSampleId :

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#40

Benzene

Concen: 2.369 ug/l

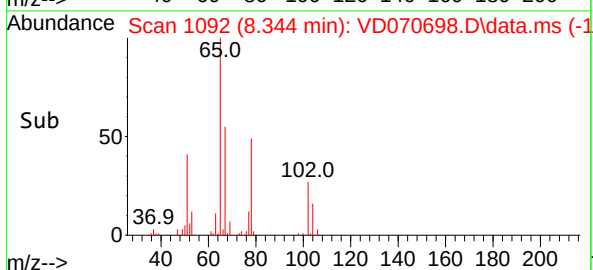
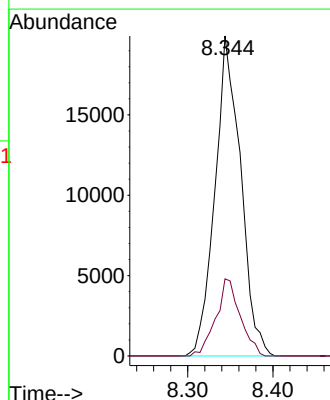
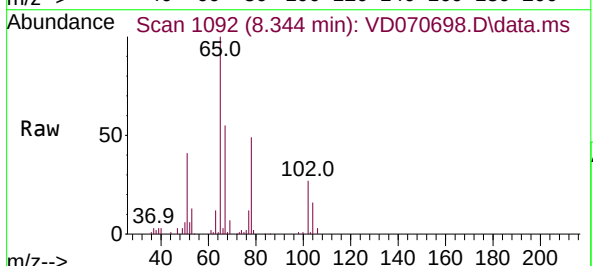
RT: 8.344 min Scan# 1092

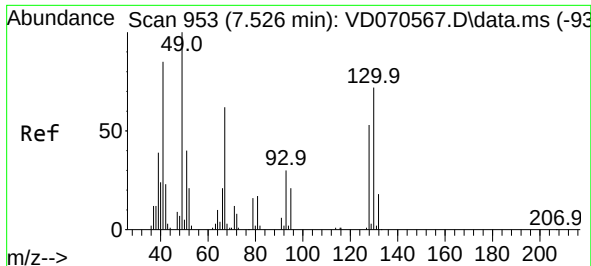
Delta R.T. -0.006 min

Lab File: VD070698.D

Acq: 13 Oct 2021 15:24

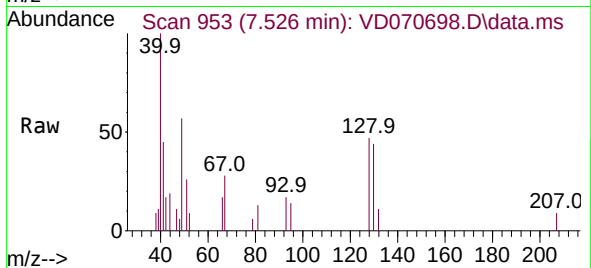
Tgt Ion:	78	Resp:	41637
Ion	Ratio	Lower	Upper
78	100		
77	24.1	18.9	28.3





#41
Methacrylonitrile
Concen: 2.410 ug/l
RT: 7.526 min Scan# 953
Delta R.T. 0.000 min
Lab File: VD070698.D
Acq: 13 Oct 2021 15:24

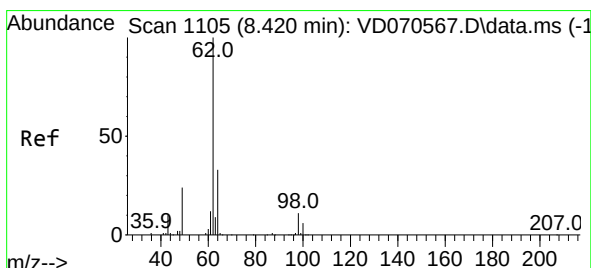
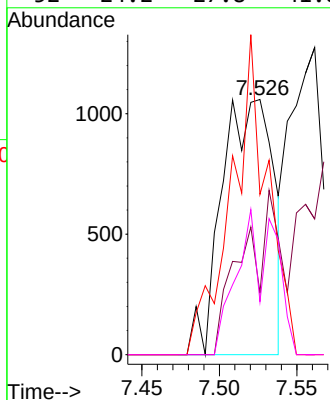
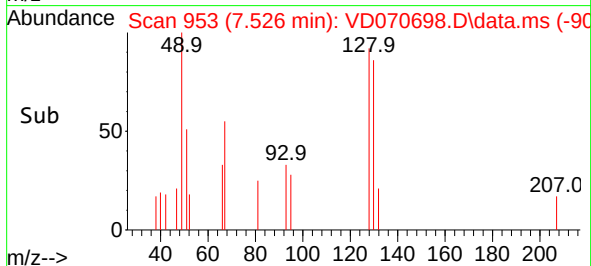
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



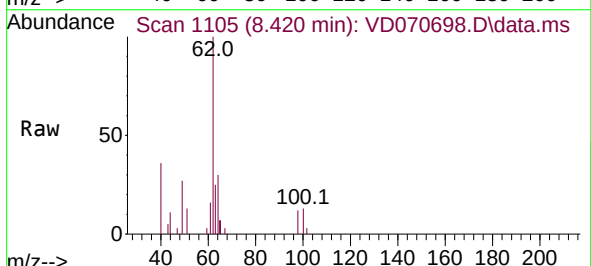
Tgt Ion: 41 Resp: 2463
Ion Ratio Lower Upper
41 100
39 46.6 45.2 67.8
67 87.5 75.8 113.6
52 24.2 27.8 41.8#

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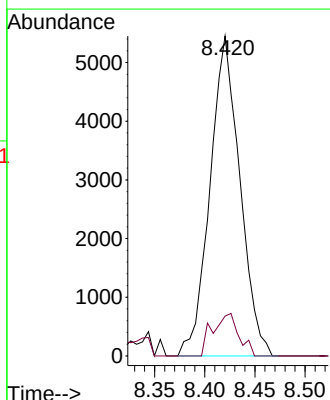
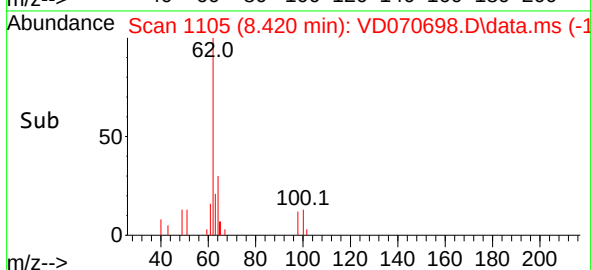
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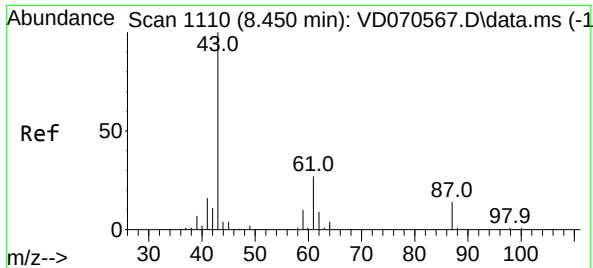


#42
1,2-Dichloroethane
Concen: 2.490 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD070698.D
Acq: 13 Oct 2021 15:24



Tgt Ion: 62 Resp: 11321
Ion Ratio Lower Upper
62 100
98 11.6 0.0 22.0





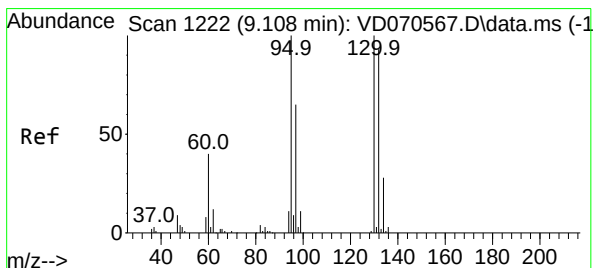
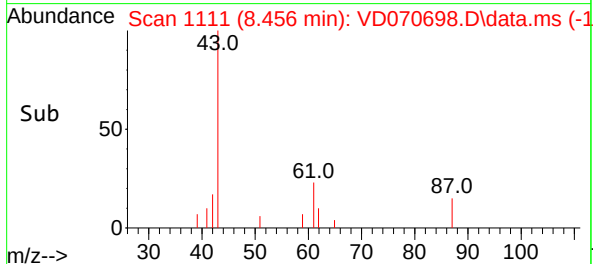
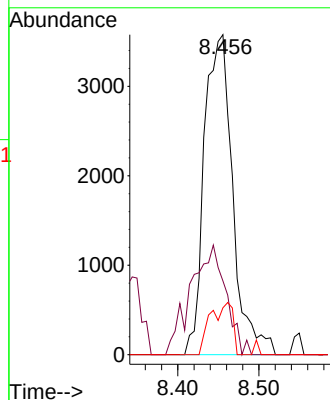
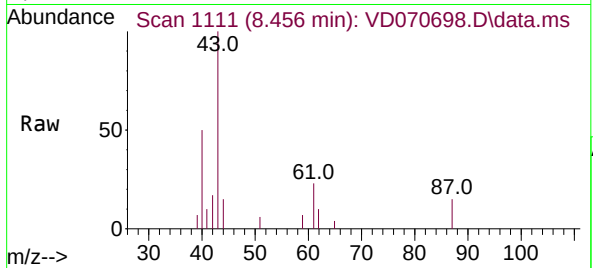
#43
Isopropyl Acetate
Concen: 2.401 ug/l
RT: 8.456 min Scan# 1111
Delta R.T. 0.006 min
Lab File: VD070698.D
Acq: 13 Oct 2021 15:24

Tgt Ion:	43	Resp:	8716
Ion	Ratio	Lower	Upper
43	100		
61	42.2	29.0	43.4
87	12.8	11.8	17.6

Instrument :
MSVOA_D
ClientSampleId :
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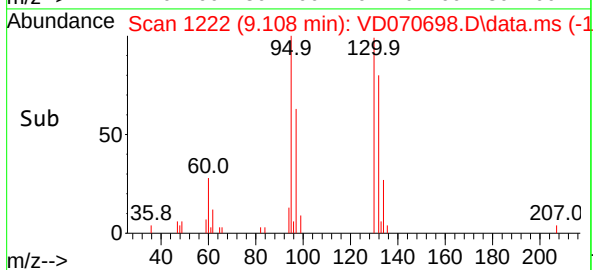
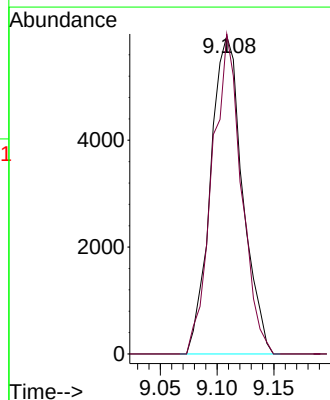
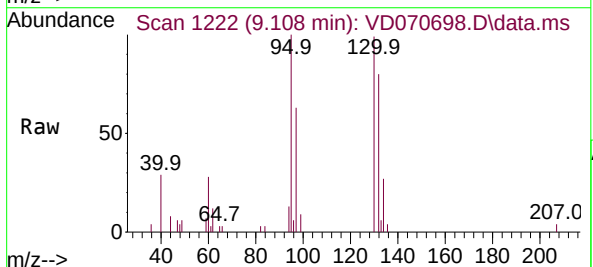
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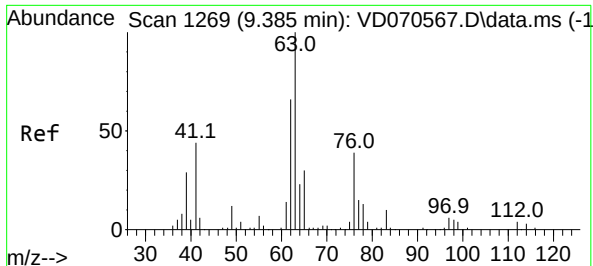
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#44
Trichloroethene
Concen: 2.692 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD070698.D
Acq: 13 Oct 2021 15:24

Tgt Ion:	130	Resp:	11670
Ion	Ratio	Lower	Upper
130	100		
95	100.6	0.0	200.8





#45

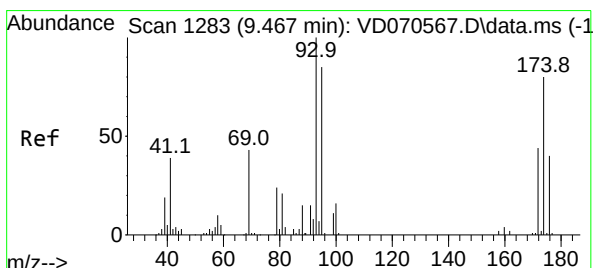
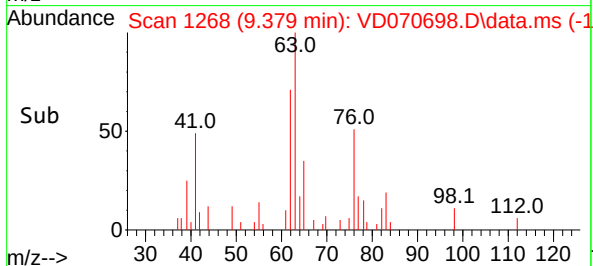
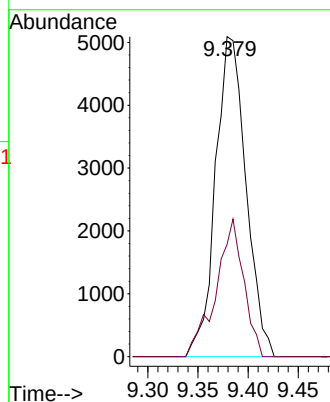
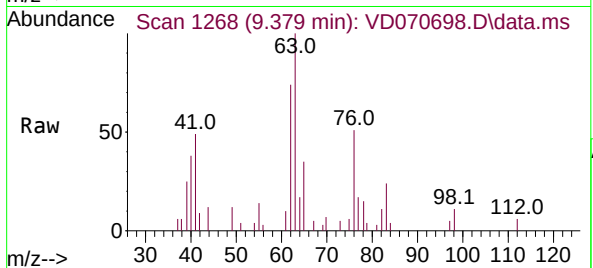
1,2-Dichloropropane
Concen: 2.398 ug/l
RT: 9.379 min Scan# 1268
Delta R.T. -0.006 min
Lab File: VD070698.D
Acq: 13 Oct 2021 15:24

Tgt Ion: 63 Resp: 10755
Ion Ratio Lower Upper
63 100
65 35.1 23.8 35.8

Instrument :
MSVOA_D
ClientSampleId :
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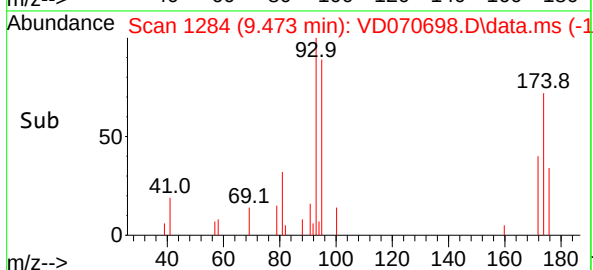
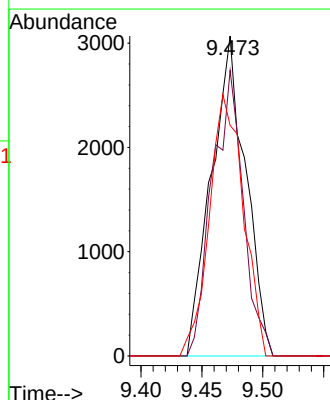
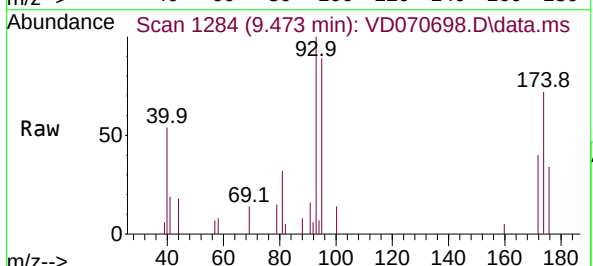
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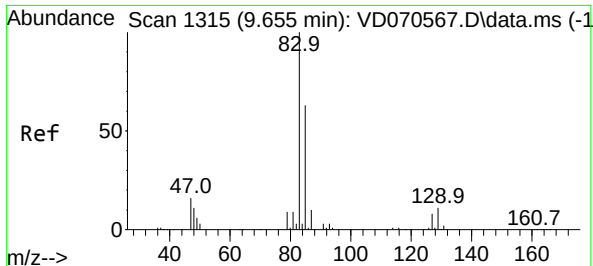


#46

Dibromomethane
Concen: 2.616 ug/l
RT: 9.473 min Scan# 1284
Delta R.T. 0.006 min
Lab File: VD070698.D
Acq: 13 Oct 2021 15:24

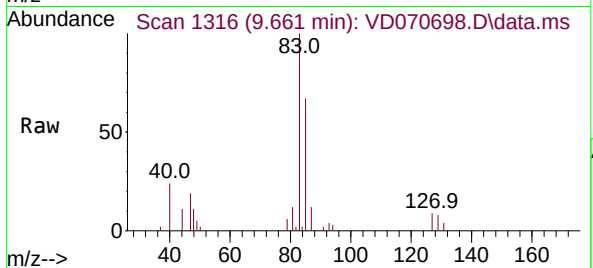
Tgt Ion: 93 Resp: 6023
Ion Ratio Lower Upper
93 100
95 80.5 66.5 99.7
174 80.7 66.7 100.1



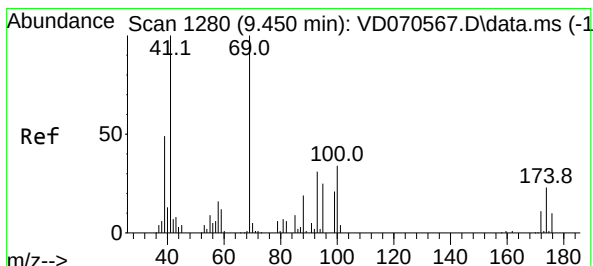
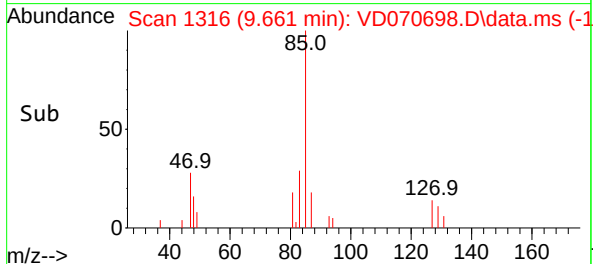
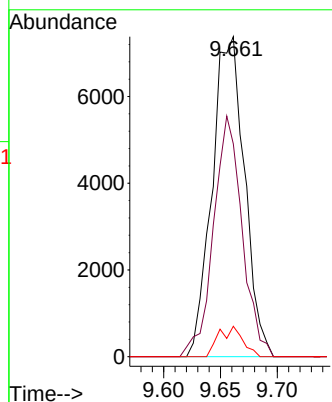


#47

Bromodichloromethane
Concen: 2.467 ug/l
RT: 9.661 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VD070698.D
Acq: 13 Oct 2021 15:24

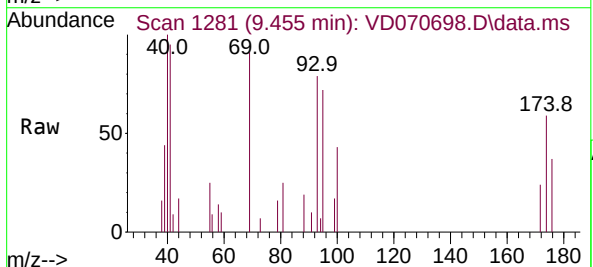


Tgt Ion:	83	Resp:	14660
Ion	Ratio	Lower	Upper
83	100		
85	66.5	50.7	76.1
127	9.5	6.5	9.7

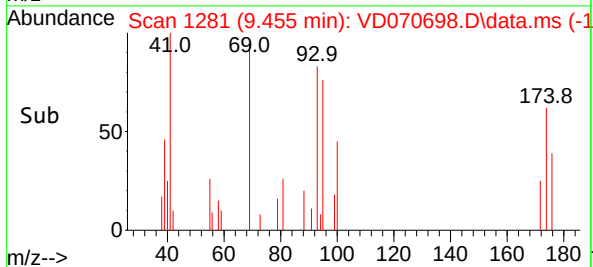
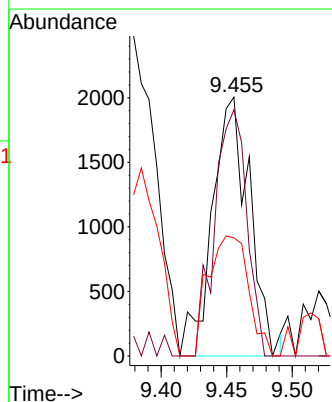


#48

Methyl methacrylate
Concen: 2.339 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. 0.006 min
Lab File: VD070698.D
Acq: 13 Oct 2021 15:24



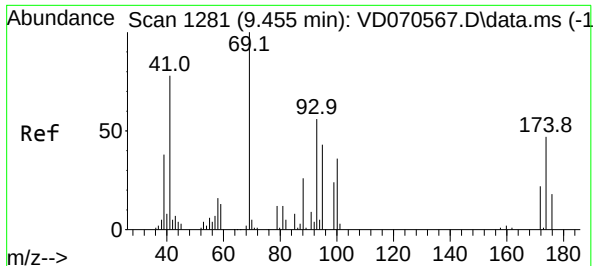
Tgt Ion:	41	Resp:	3981
Ion	Ratio	Lower	Upper
41	100		
69	82.0	78.5	117.7
39	50.0	34.9	52.3



Instrument :
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ClientSampleId :
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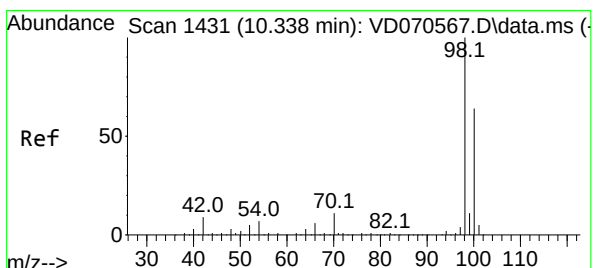
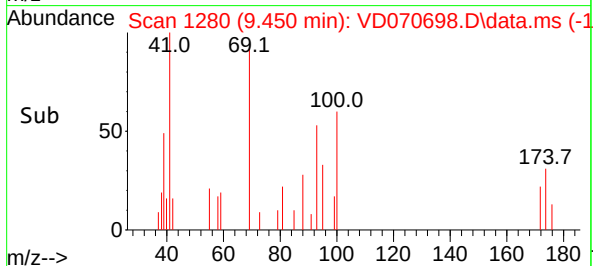
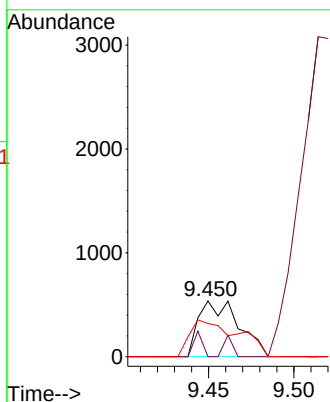
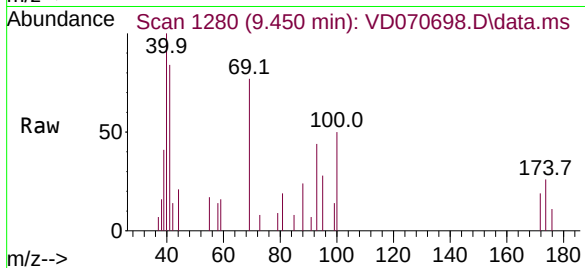
#49
1,4-Dioxane
Concen: 37.786 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. -0.006 min
Lab File: VD070698.D
Acq: 13 Oct 2021 15:24

Tgt Ion: 88 Resp: 884
Ion Ratio Lower Upper
88 100
43 0.0 25.1 37.7#
58 79.2 57.4 86.0

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

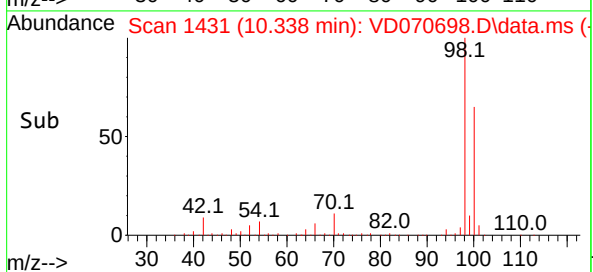
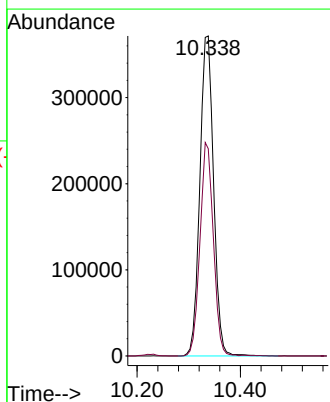
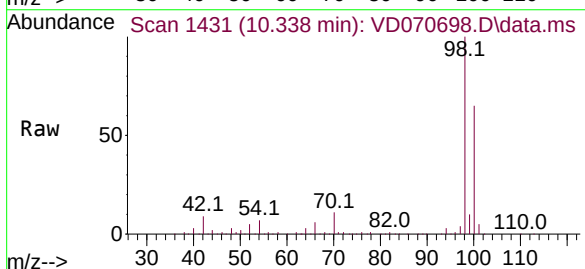
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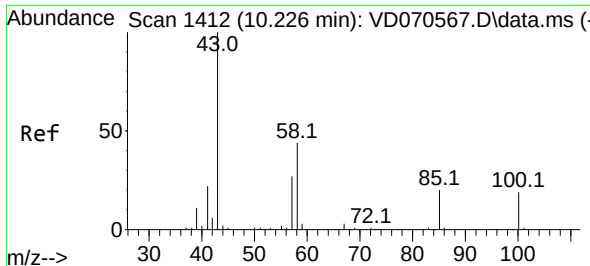
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#50
Toluene-d8
Concen: 47.992 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD070698.D
Acq: 13 Oct 2021 15:24

Tgt Ion: 98 Resp: 684939
Ion Ratio Lower Upper
98 100
100 64.9 52.2 78.4





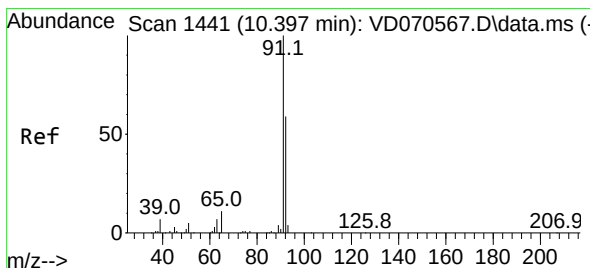
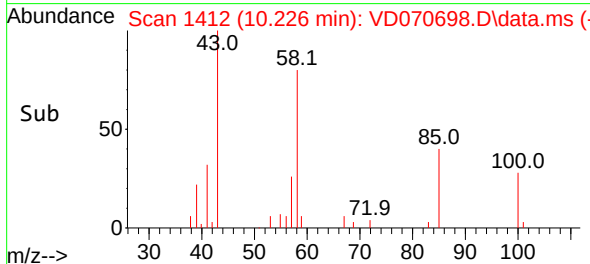
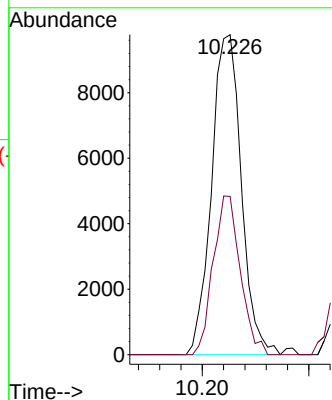
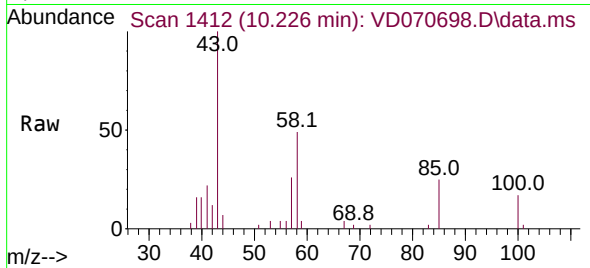
#51
4-Methyl-2-Pentanone
Concen: 10.122 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. 0.000 min
Lab File: VD070698.D
Acq: 13 Oct 2021 15:24

Tgt Ion: 43 Resp: 18959
Ion Ratio Lower Upper
43 100
58 45.2 35.0 52.6

Instrument :
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ClientSampleId :
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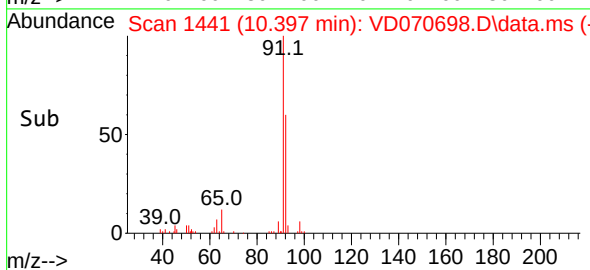
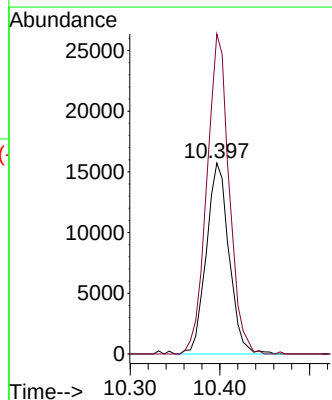
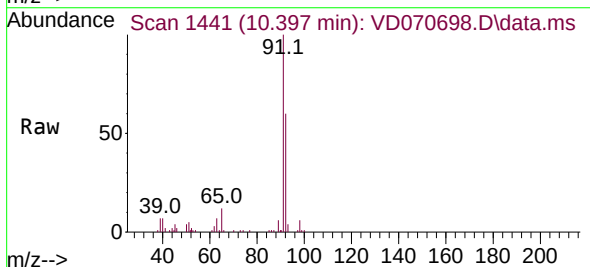
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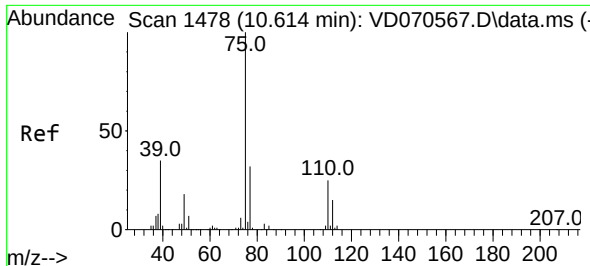
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#52
Toluene
Concen: 2.555 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD070698.D
Acq: 13 Oct 2021 15:24

Tgt Ion: 92 Resp: 27592
Ion Ratio Lower Upper
92 100
91 165.0 136.3 204.5





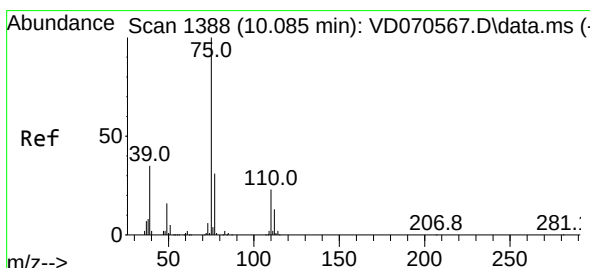
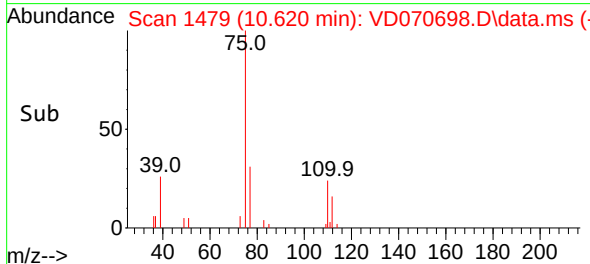
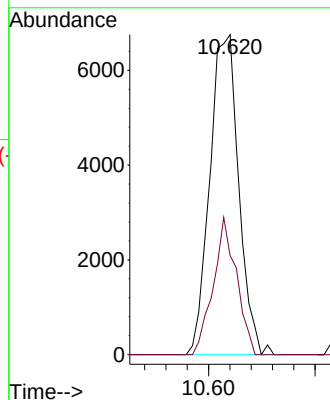
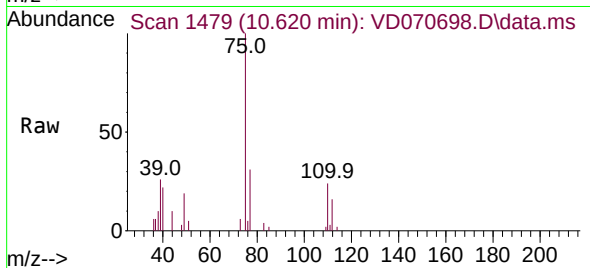
#53
t-1,3-Dichloropropene
Concen: 2.445 ug/l
RT: 10.620 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VD070698.D
Acq: 13 Oct 2021 15:24

Tgt Ion: 75 Resp: 12715
Ion Ratio Lower Upper
75 100
77 31.0 25.5 38.3

Instrument :
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ClientSampleId :
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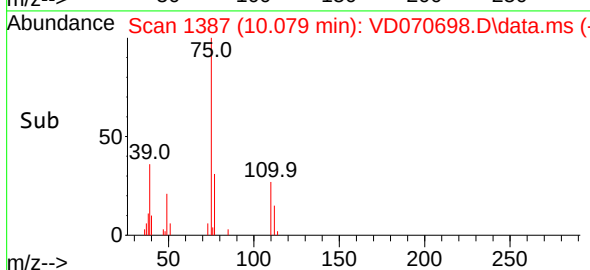
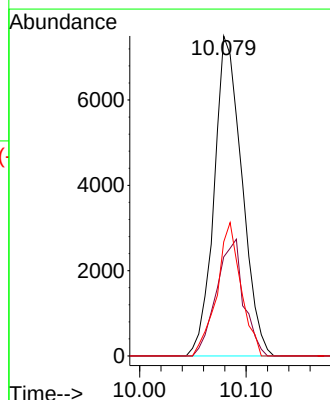
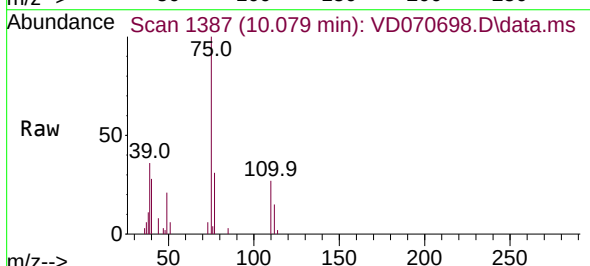
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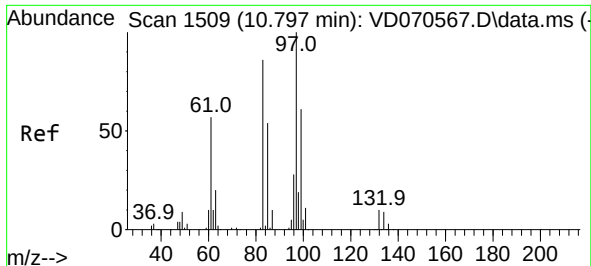
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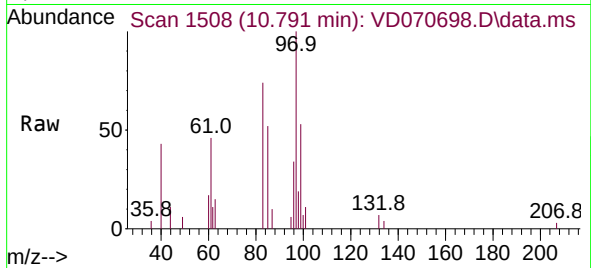
#54
cis-1,3-Dichloropropene
Concen: 2.164 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. -0.006 min
Lab File: VD070698.D
Acq: 13 Oct 2021 15:24

Tgt Ion: 75 Resp: 13549
Ion Ratio Lower Upper
75 100
77 31.0 25.2 37.8
39 35.7 27.8 41.6

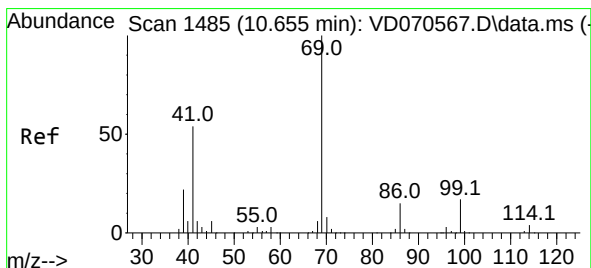
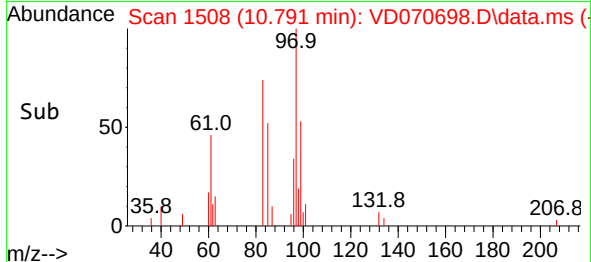
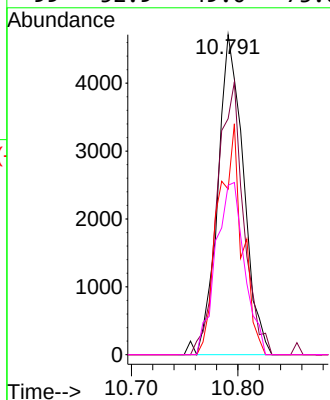




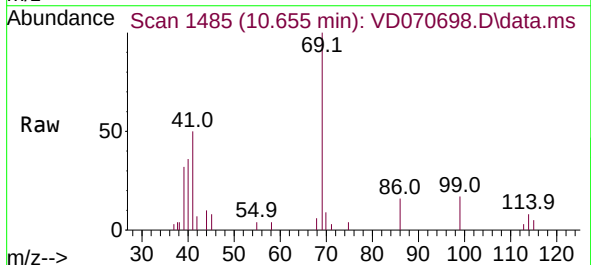
#55
1,1,2-Trichloroethane
Concen: 2.527 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.006 min
Lab File: VD070698.D
Acq: 13 Oct 2021 15:24



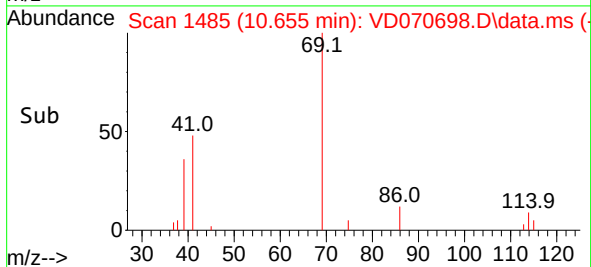
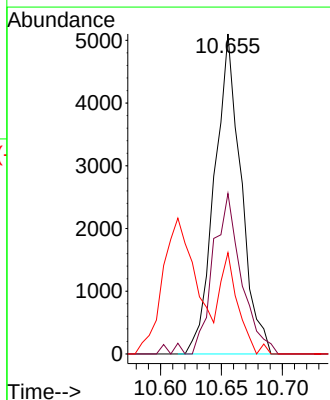
Tgt Ion	Ratio	Lower	Upper
97	100		
83	73.7	69.1	103.7
85	51.8	43.0	64.6
99	52.9	49.0	73.6



#56
Ethyl methacrylate
Concen: 2.305 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD070698.D
Acq: 13 Oct 2021 15:24



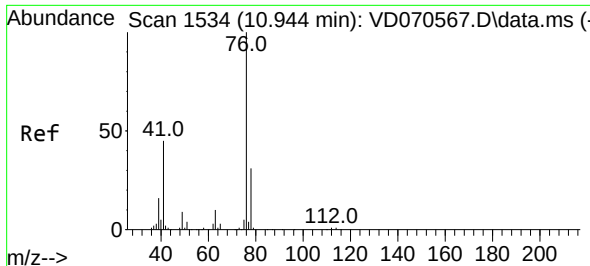
Tgt Ion	Ratio	Lower	Upper
69	100		
41	53.2	44.7	67.1
39	21.3	19.5	29.3



Instrument :
MSVOA_D
ClientSampleId :
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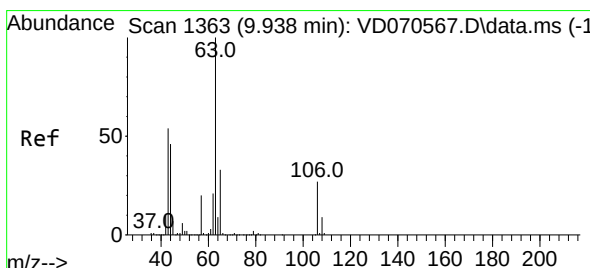
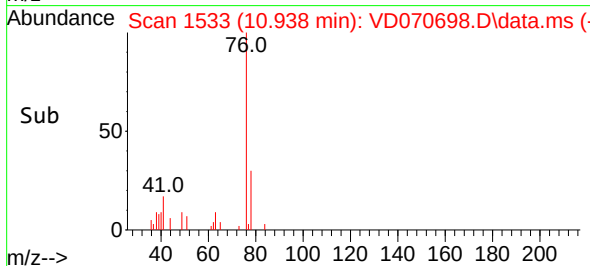
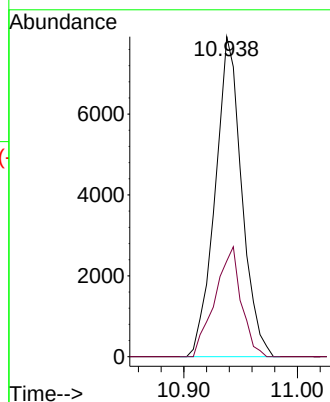
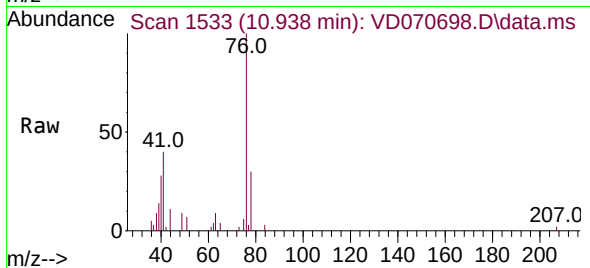
#57
1,3-Dichloropropane
Concen: 2.415 ug/l
RT: 10.938 min Scan# 1533
Delta R.T. -0.006 min
Lab File: VD070698.D
Acq: 13 Oct 2021 15:24

Tgt Ion: 76 Resp: 12887
Ion Ratio Lower Upper
76 100
78 33.9 25.3 37.9

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

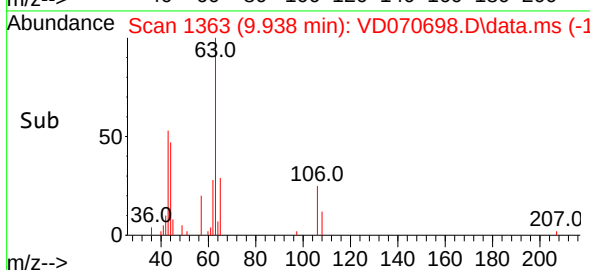
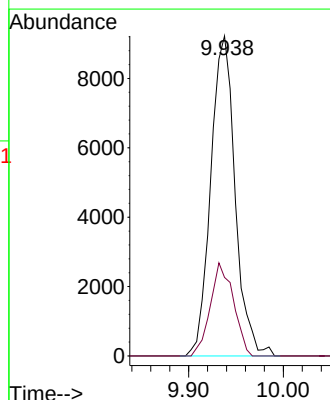
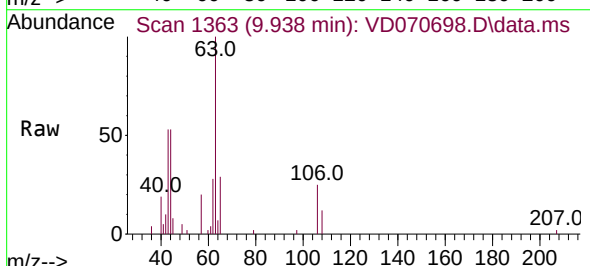
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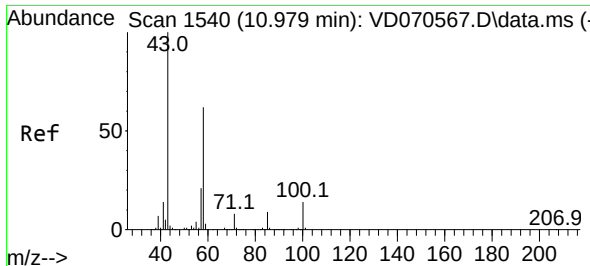
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#58
2-Chloroethyl Vinyl ether
Concen: 10.893 ug/l
RT: 9.938 min Scan# 1363
Delta R.T. 0.000 min
Lab File: VD070698.D
Acq: 13 Oct 2021 15:24

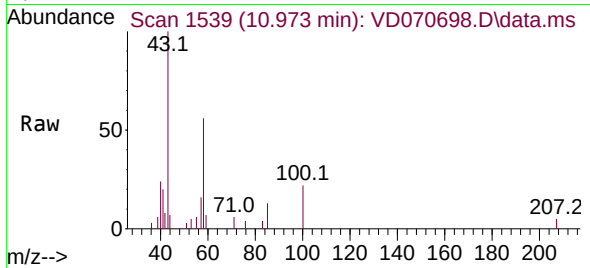
Tgt Ion: 63 Resp: 16462
Ion Ratio Lower Upper
63 100
106 27.7 22.3 33.5





#59
2-Hexanone
Concen: 9.777 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.006 min
Lab File: VD070698.D
Acq: 13 Oct 2021 15:24

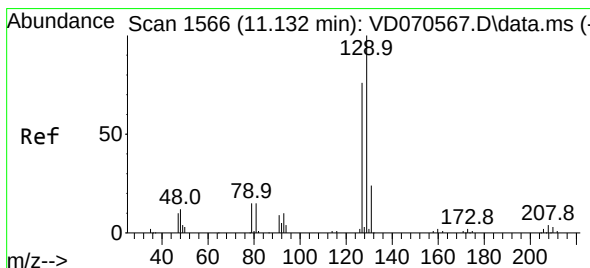
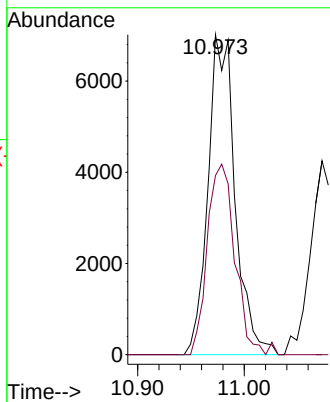
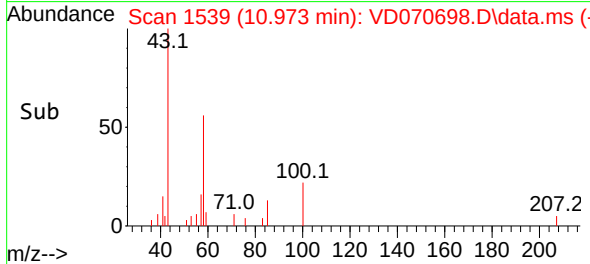
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



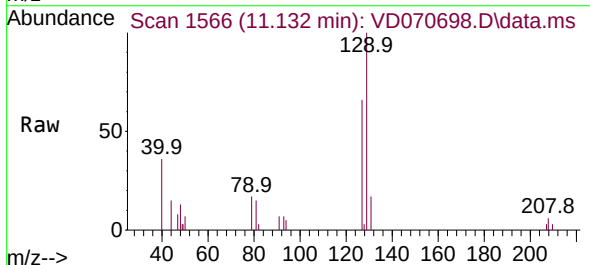
Tgt Ion: 43 Resp: 12394
Ion Ratio Lower Upper
43 100
58 60.3 30.4 91.3

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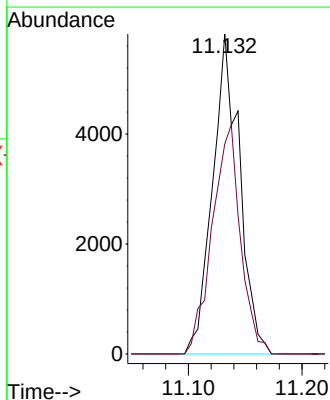
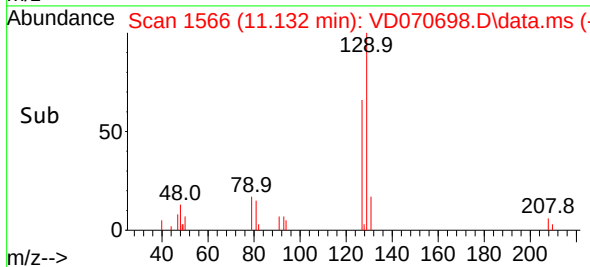
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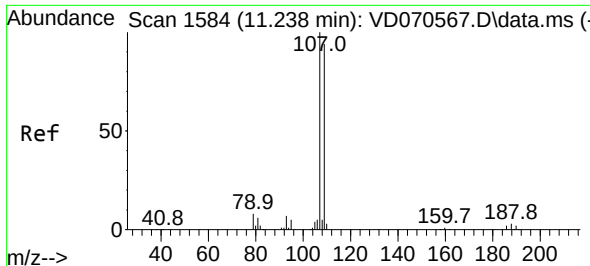


#60
Dibromochloromethane
Concen: 2.545 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VD070698.D
Acq: 13 Oct 2021 15:24



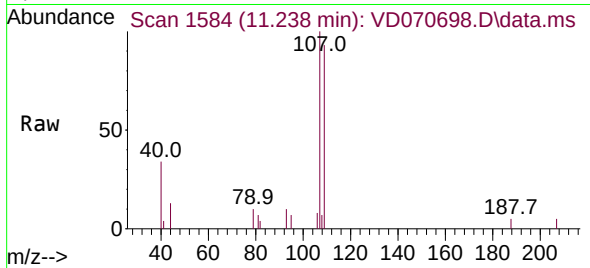
Tgt Ion: 129 Resp: 9617
Ion Ratio Lower Upper
129 100
127 74.8 38.6 115.8





#61
1,2-Dibromoethane
Concen: 2.541 ug/l
RT: 11.238 min Scan# 1584
Delta R.T. 0.000 min
Lab File: VD070698.D
Acq: 13 Oct 2021 15:24

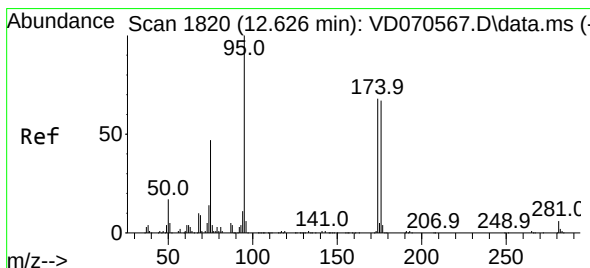
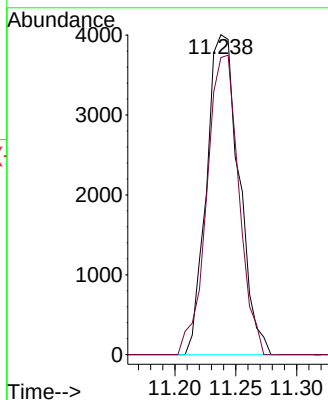
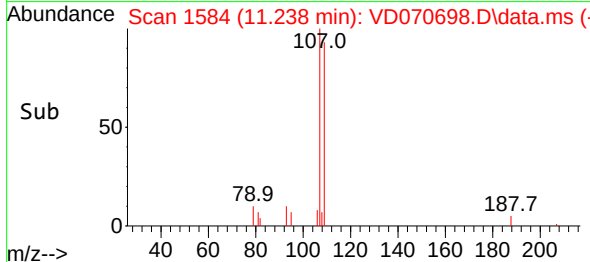
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



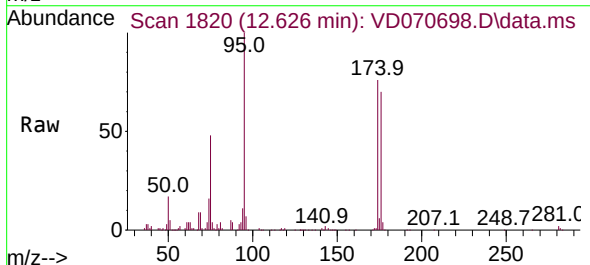
Tgt Ion:107 Resp: 7420
Ion Ratio Lower Upper
107 100
109 92.3 75.0 112.6

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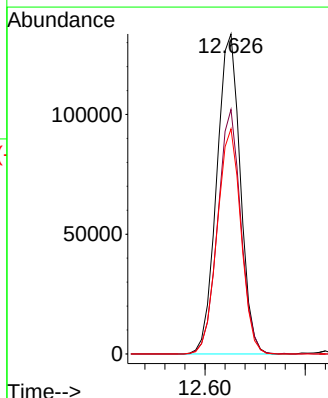
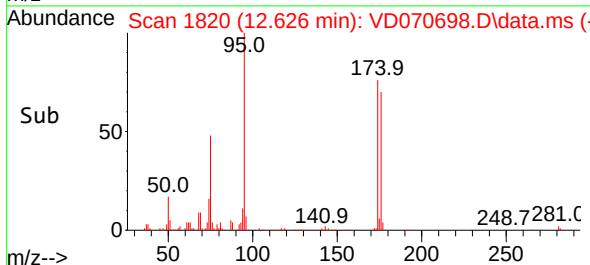
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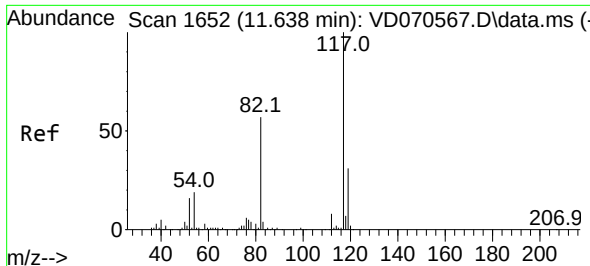


#62
4-Bromofluorobenzene
Concen: 45.600 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070698.D
Acq: 13 Oct 2021 15:24



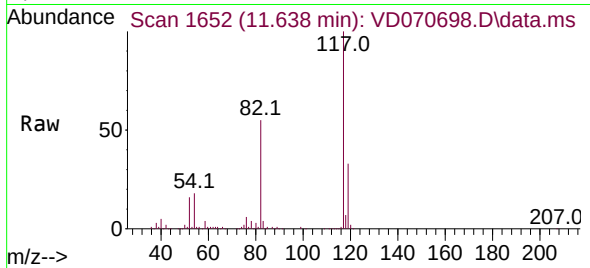
Tgt Ion: 95 Resp: 217511
Ion Ratio Lower Upper
95 100
174 75.1 0.0 138.0
176 71.1 0.0 135.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070698.D
Acq: 13 Oct 2021 15:24

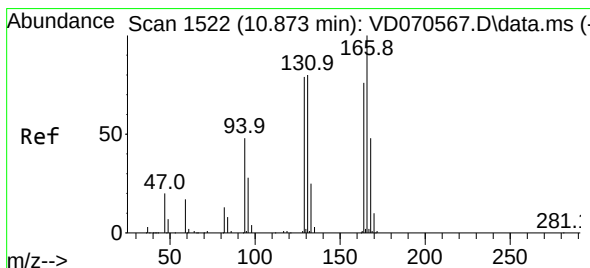
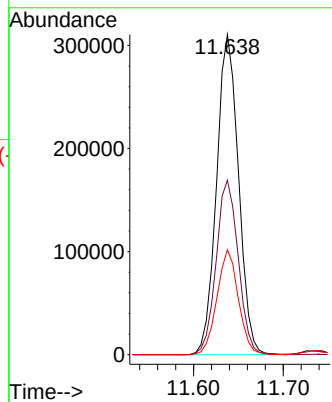
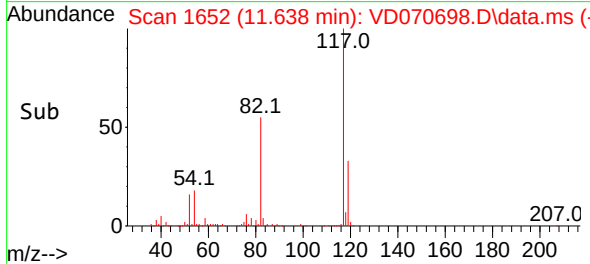
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



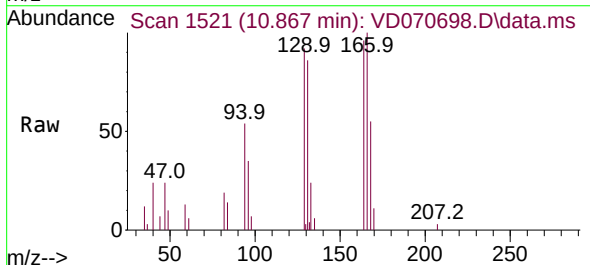
Tgt Ion:117 Resp: 527834
Ion Ratio Lower Upper
117 100
82 54.5 45.4 68.2
119 32.8 24.7 37.1

Manual Integrations
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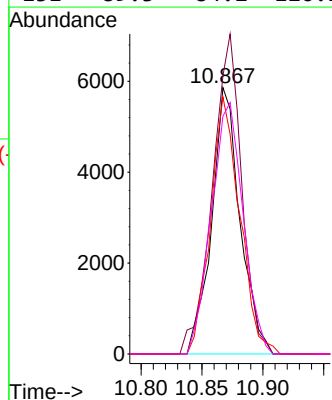
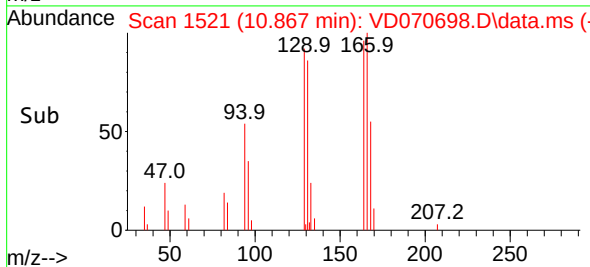
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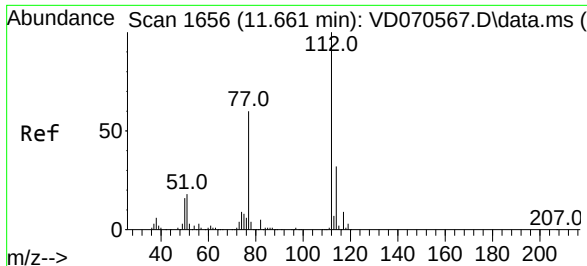


#64
Tetrachloroethene
Concen: 2.809 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VD070698.D
Acq: 13 Oct 2021 15:24



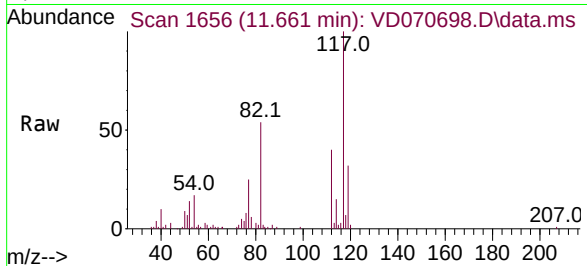
Tgt Ion:164 Resp: 9507
Ion Ratio Lower Upper
164 100
166 104.4 105.8 158.6#
129 96.5 83.8 125.6
131 89.3 84.2 126.2



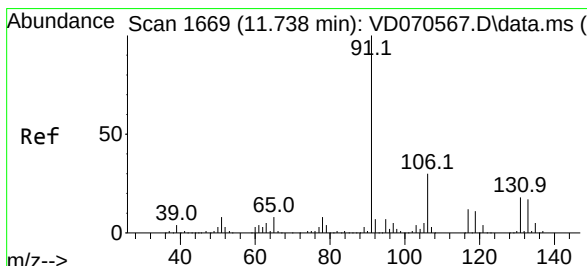
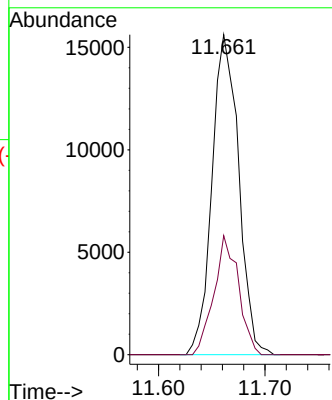
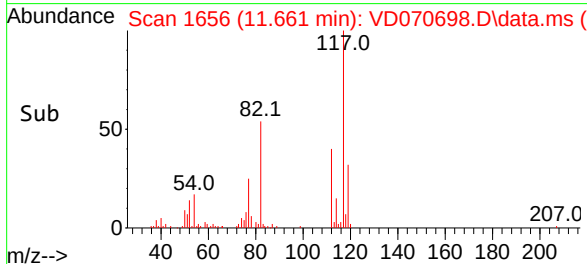


#65
Chlorobenzene
Concen: 2.410 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD070698.D
Acq: 13 Oct 2021 15:24

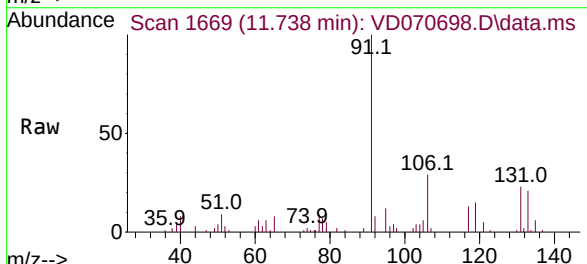
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



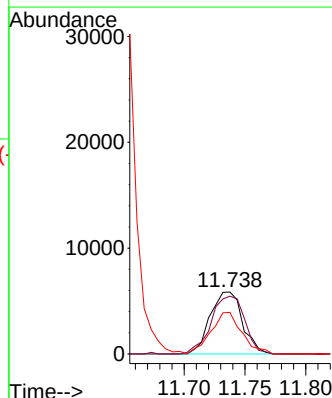
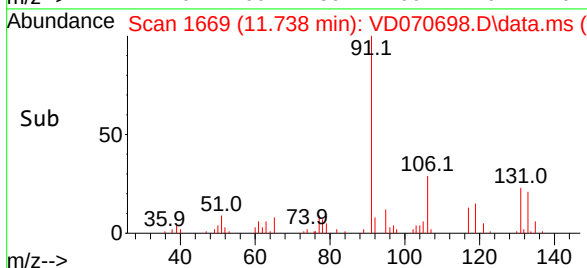
Tgt Ion:112 Resp: 27125
Ion Ratio Lower Upper
112 100
114 37.2 25.3 37.9

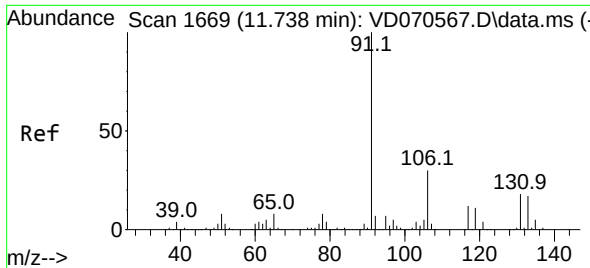


#66
1,1,1,2-Tetrachloroethane
Concen: 2.583 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD070698.D
Acq: 13 Oct 2021 15:24



Tgt Ion:131 Resp: 10816
Ion Ratio Lower Upper
131 100
133 96.9 46.8 140.3
119 64.2 32.6 97.7





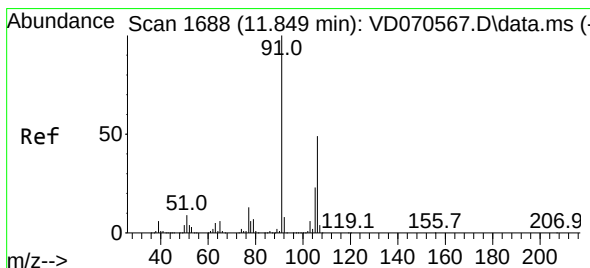
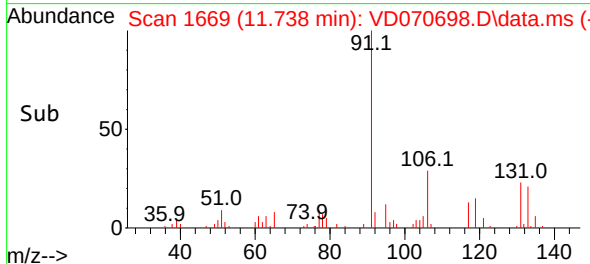
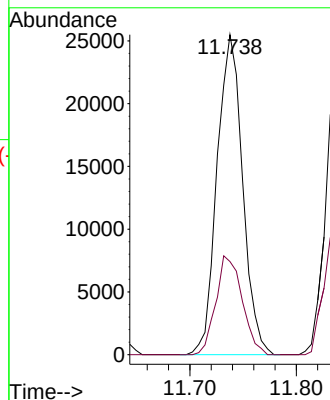
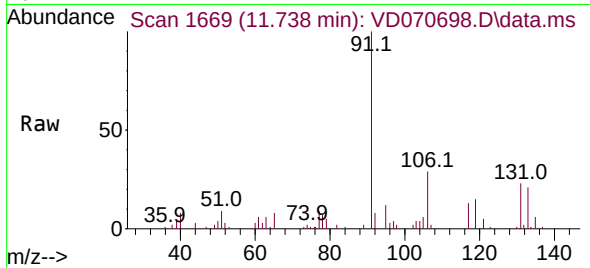
#67
Ethyl Benzene
Concen: 2.185 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD070698.D
Acq: 13 Oct 2021 15:24

Tgt Ion: 91 Resp: 42435
Ion Ratio Lower Upper
91 100
106 29.1 24.2 36.2

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

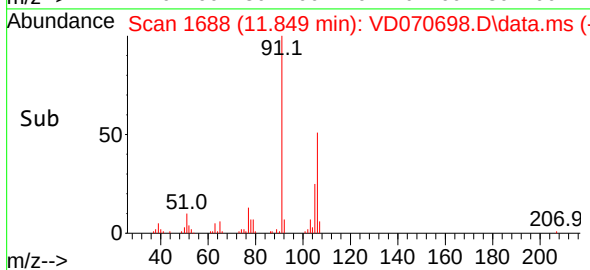
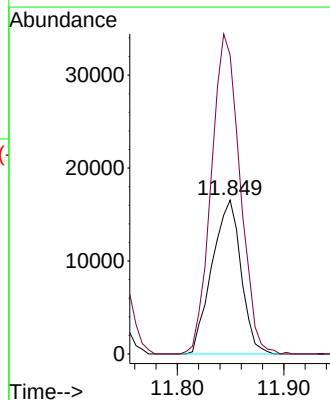
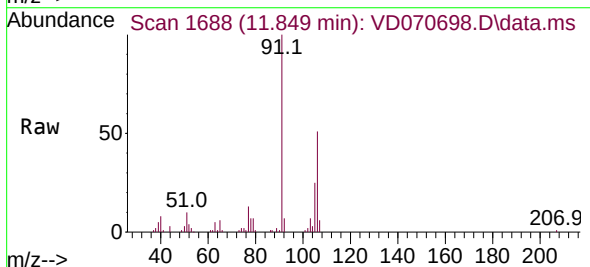
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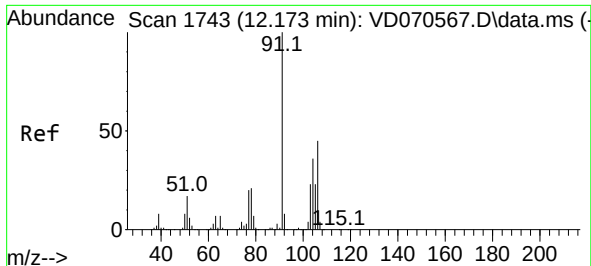
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#68
m/p-Xylenes
Concen: 4.088 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VD070698.D
Acq: 13 Oct 2021 15:24

Tgt Ion: 106 Resp: 31270
Ion Ratio Lower Upper
106 100
91 206.0 162.7 244.1





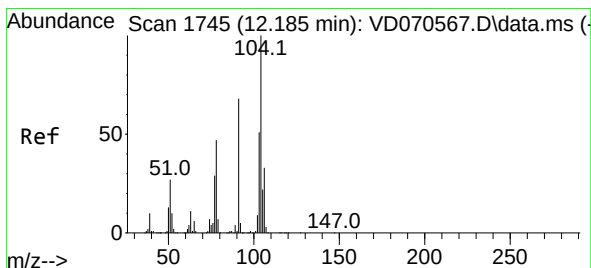
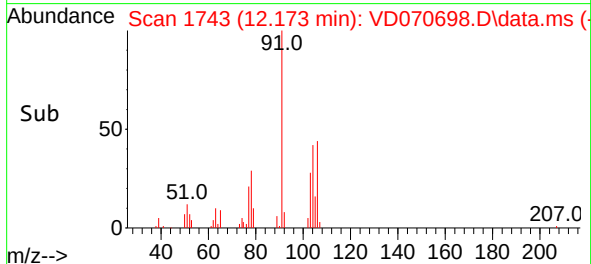
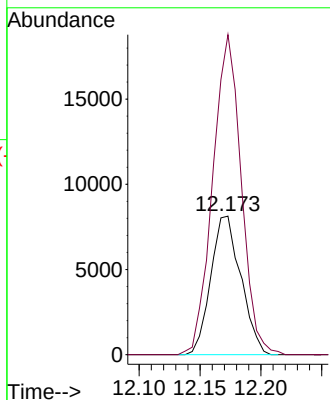
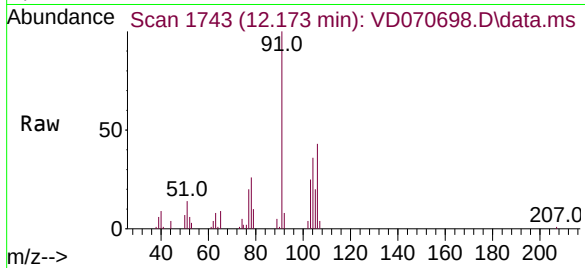
#69
o-Xylene
Concen: 2.056 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD070698.D
Acq: 13 Oct 2021 15:24

Tgt Ion:106 Resp: 13990
Ion Ratio Lower Upper
106 100
91 218.8 107.8 323.6

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

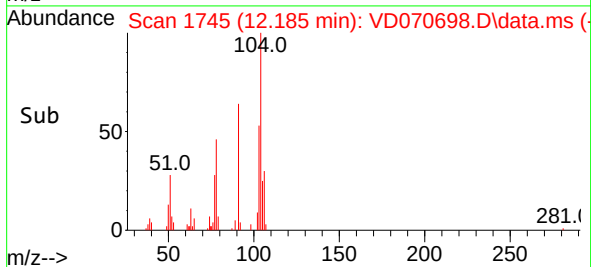
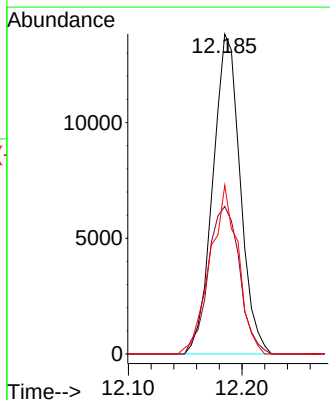
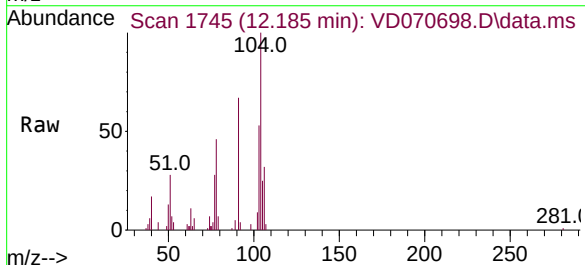
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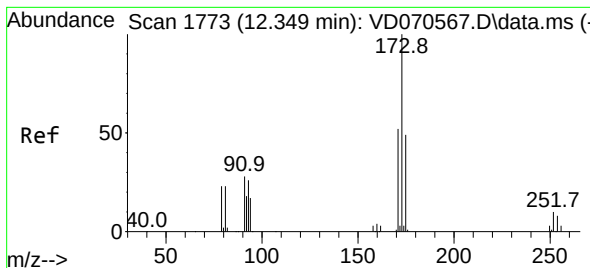
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#70
Styrene
Concen: 1.930 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD070698.D
Acq: 13 Oct 2021 15:24

Tgt Ion:104 Resp: 23134
Ion Ratio Lower Upper
104 100
78 52.9 39.8 59.6
103 54.1 43.4 65.2





#71

Bromoform

Concen: 2.446 ug/l

RT: 12.349 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VD070698.D

Acq: 13 Oct 2021 15:24

Tgt Ion:	173	Resp:	4808
Ion Ratio	Lower	Upper	
173	100		
175	64.2	24.4	73.4
254	0.0	0.0	0.0

Instrument :

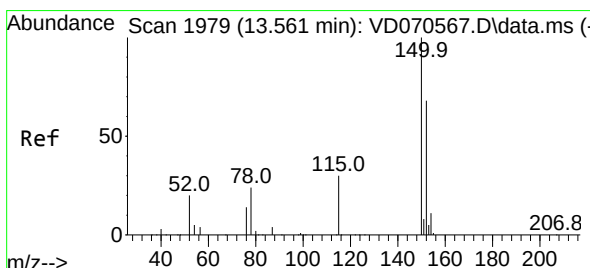
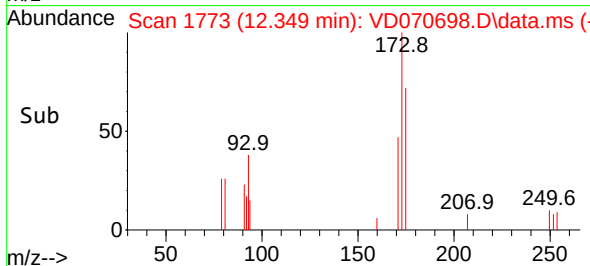
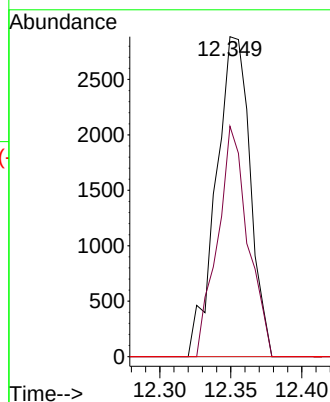
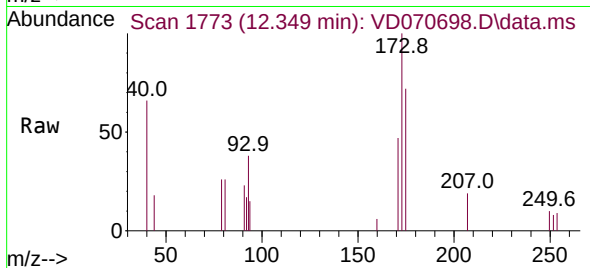
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ClientSampleId :

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

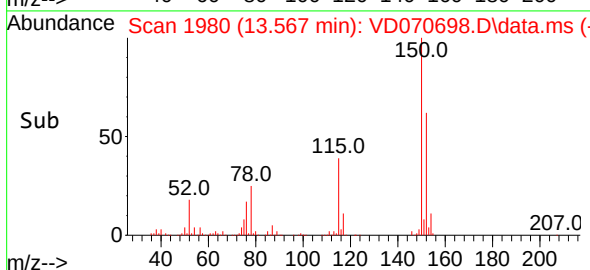
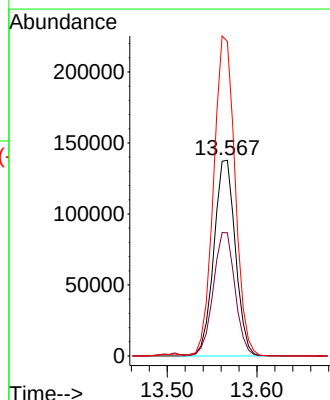
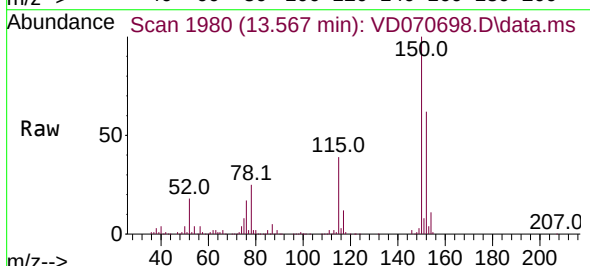
RT: 13.567 min Scan# 1980

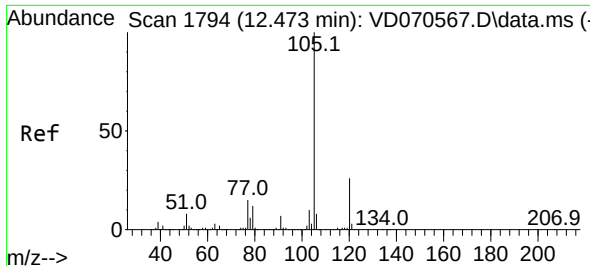
Delta R.T. 0.006 min

Lab File: VD070698.D

Acq: 13 Oct 2021 15:24

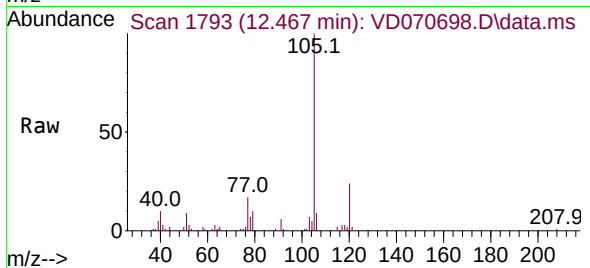
Tgt Ion:	152	Resp:	229389
Ion Ratio	Lower	Upper	
152	100		
115	63.7	31.9	95.7
150	163.0	0.0	350.0





#73
Isopropylbenzene
Concen: 2.163 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD070698.D
Acq: 13 Oct 2021 15:24

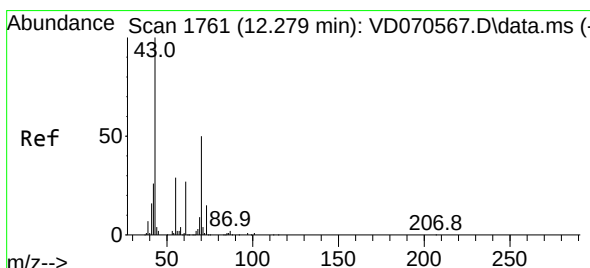
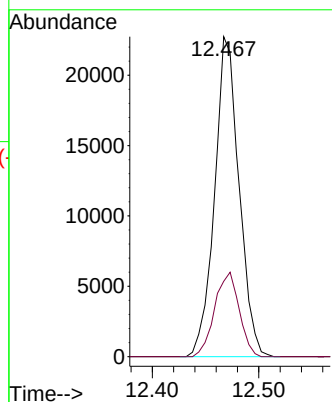
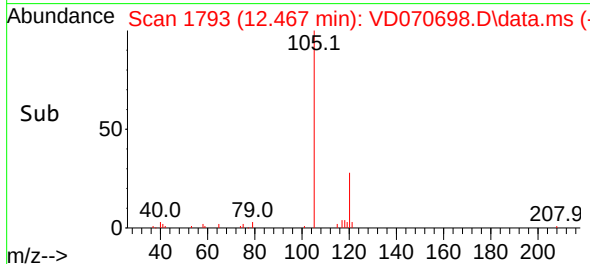
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



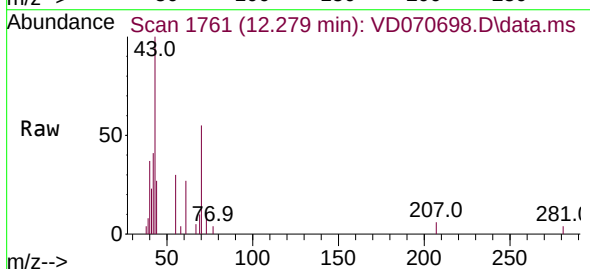
Tgt Ion:105 Resp: 36174
Ion Ratio Lower Upper
105 100
120 26.4 12.8 38.3

Manual Integrations
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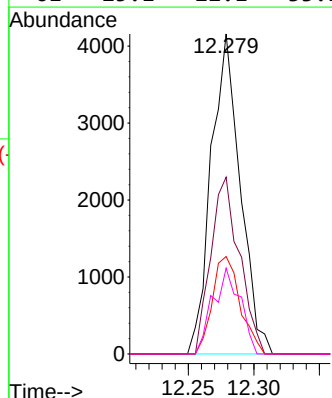
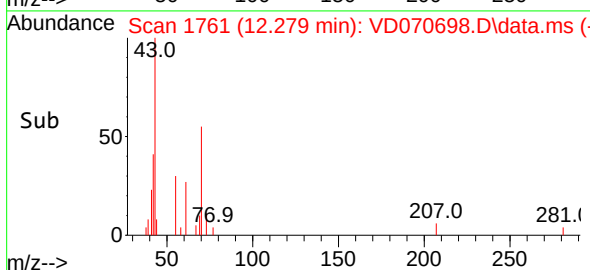
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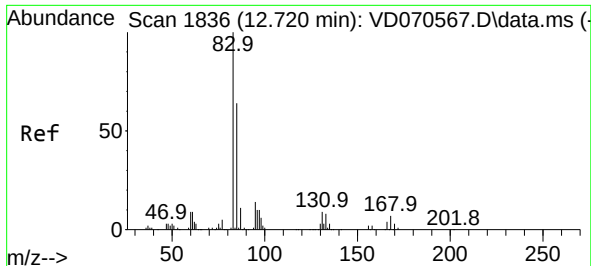


#74
N-ethyl acetate
Concen: 2.034 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VD070698.D
Acq: 13 Oct 2021 15:24



Tgt Ion: 43 Resp: 6409
Ion Ratio Lower Upper
43 100
70 54.4 40.0 60.0
55 29.1 23.8 35.6
61 25.1 22.1 33.1





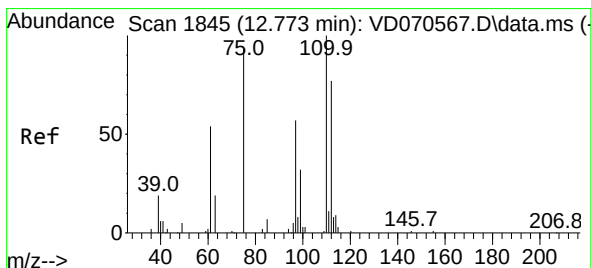
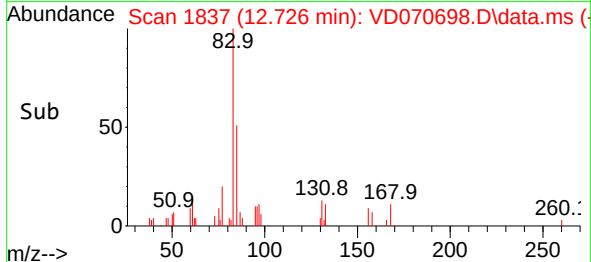
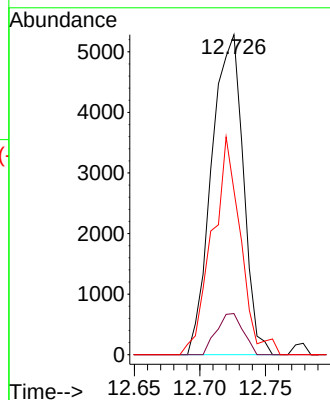
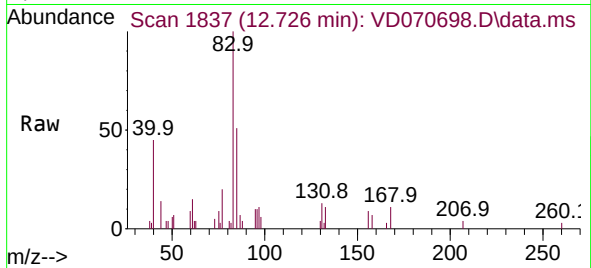
#75
1,1,2,2-Tetrachloroethane
Concen: 2.706 ug/l
RT: 12.726 min Scan# 1837
Delta R.T. 0.006 min
Lab File: VD070698.D
Acq: 13 Oct 2021 15:24

Tgt Ion	Ratio	Lower	Upper
83	100		
131	10.8	4.9	14.7
85	61.2	31.9	95.7

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

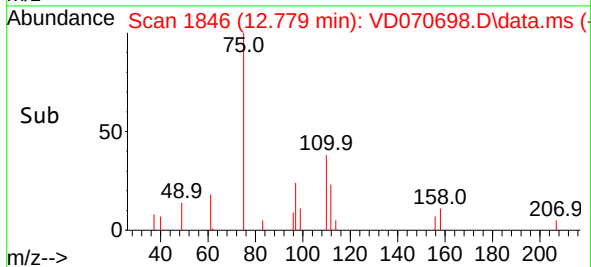
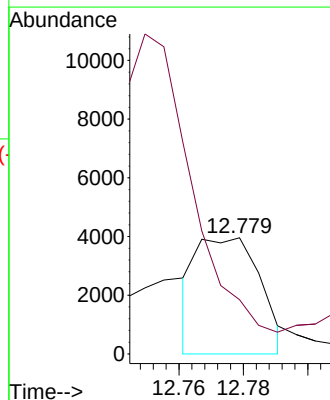
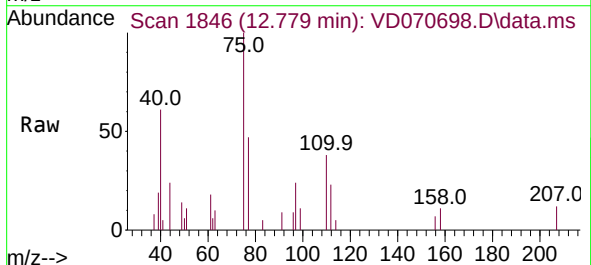
Manual Integrations
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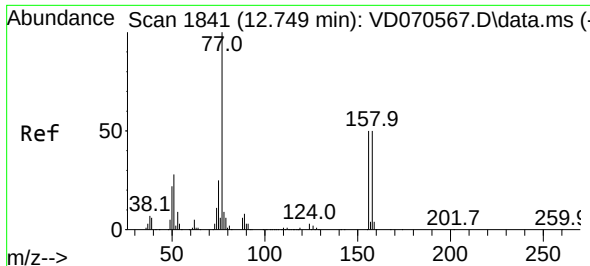
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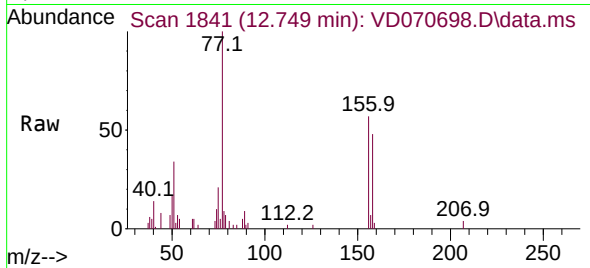
#76
1,2,3-Trichloropropane
Concen: 2.612 ug/l m
RT: 12.779 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VD070698.D
Acq: 13 Oct 2021 15:24

Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

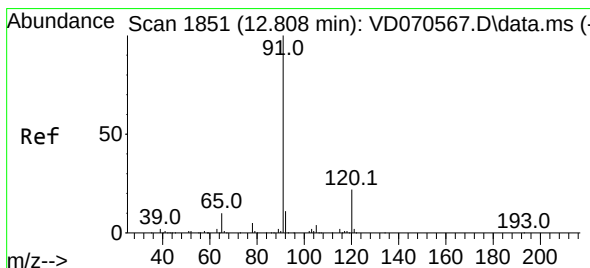
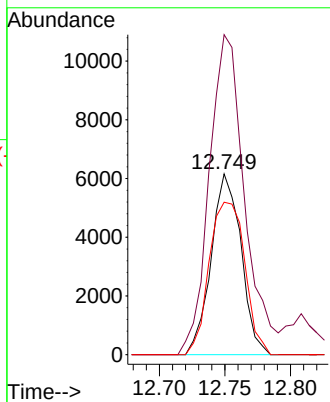
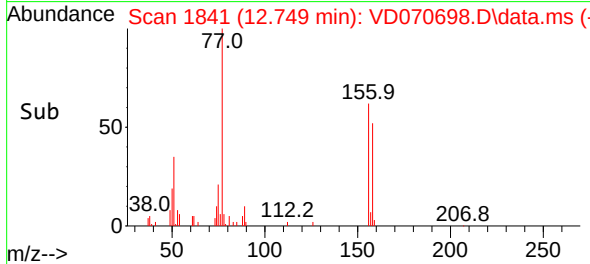




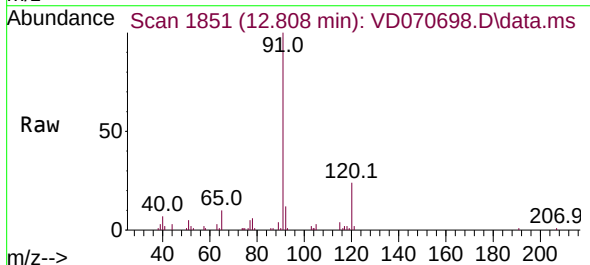
#77
Bromobenzene
Concen: 2.609 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD070698.D
Acq: 13 Oct 2021 15:24



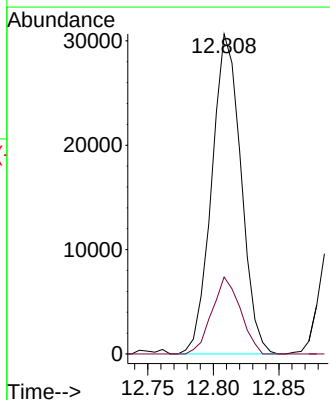
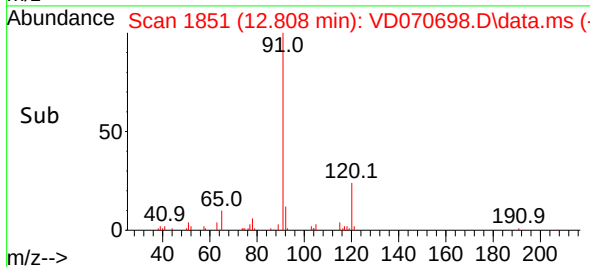
Tgt Ion:156 Resp: 9753
Ion Ratio Lower Upper
156 100
77 209.0 105.7 317.1
158 100.7 48.9 146.6



#78
n-propylbenzene
Concen: 2.250 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD070698.D
Acq: 13 Oct 2021 15:24



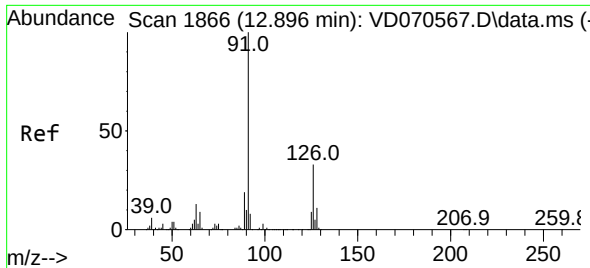
Tgt Ion: 91 Resp: 47610
Ion Ratio Lower Upper
91 100
120 23.3 10.9 32.6



Instrument :
MSVOA_D
ClientSampleId :
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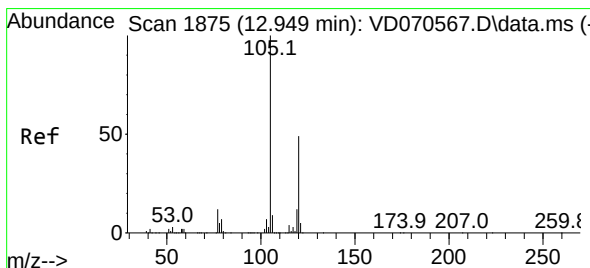
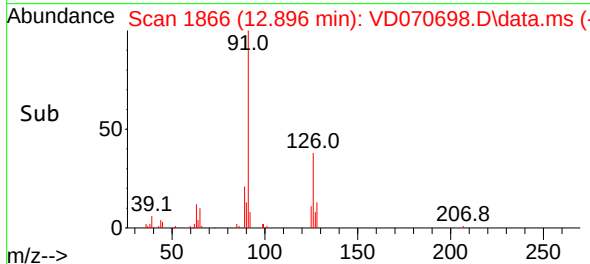
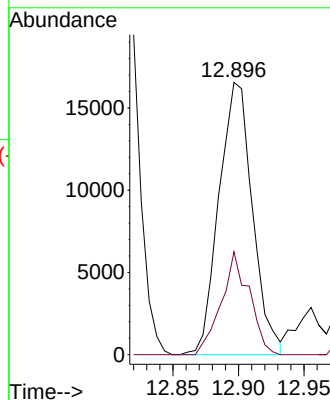
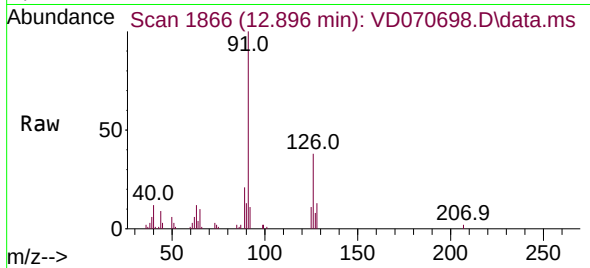
#79
2-Chlorotoluene
Concen: 2.372 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD070698.D
Acq: 13 Oct 2021 15:24

Tgt Ion: 91 Resp: 29446
Ion Ratio Lower Upper
91 100
126 31.6 16.2 48.6

Instrument :
MSVOA_D
ClientSampleId :
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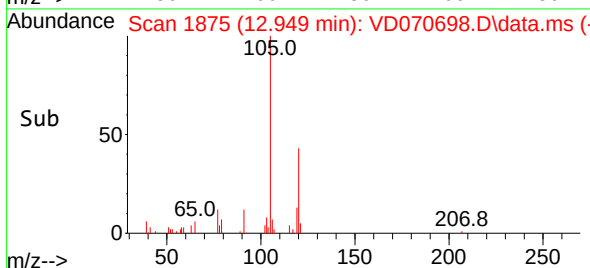
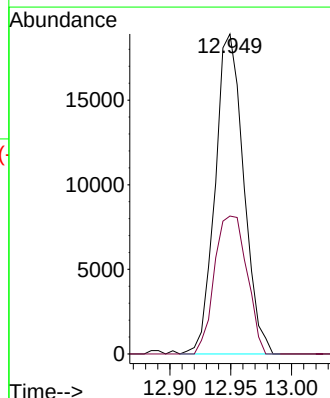
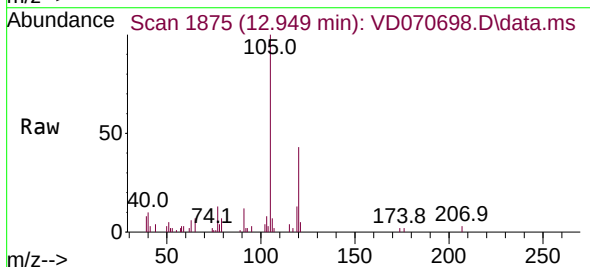
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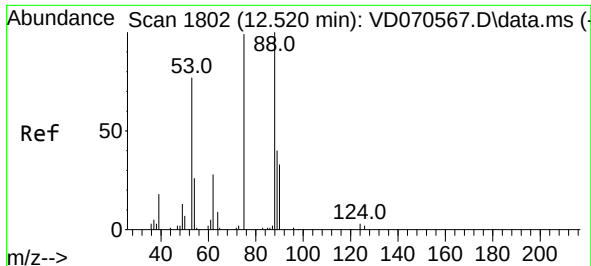
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#80
1,3,5-Trimethylbenzene
Concen: 2.159 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD070698.D
Acq: 13 Oct 2021 15:24

Tgt Ion: 105 Resp: 30800
Ion Ratio Lower Upper
105 100
120 49.0 24.4 73.2





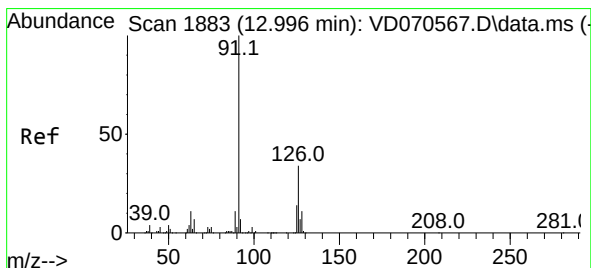
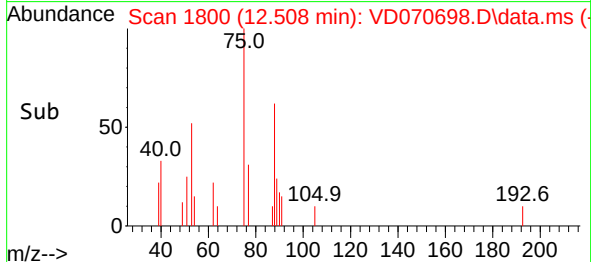
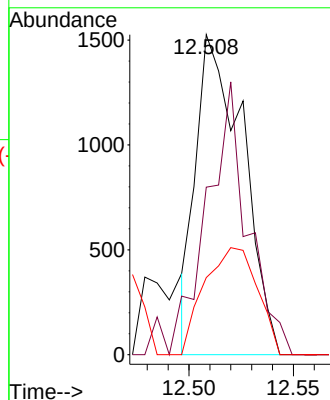
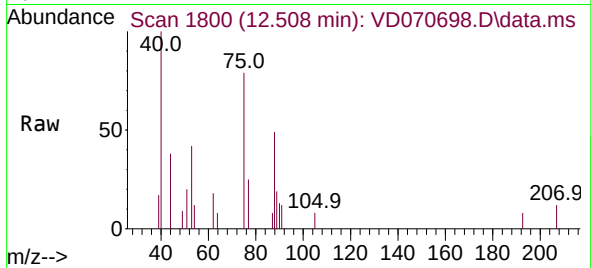
#81
trans-1,4-Dichloro-2-butene
Concen: 2.533 ug/l m
RT: 12.508 min Scan# 1800
Delta R.T. -0.012 min
Lab File: VD070698.D
Acq: 13 Oct 2021 15:24

Tgt Ion: 75 Resp: 2369
Ion Ratio Lower Upper
75 100
53 14.0 64.5 96.7#
89 3.1 35.3 52.9#

Instrument :
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ClientSampleId :
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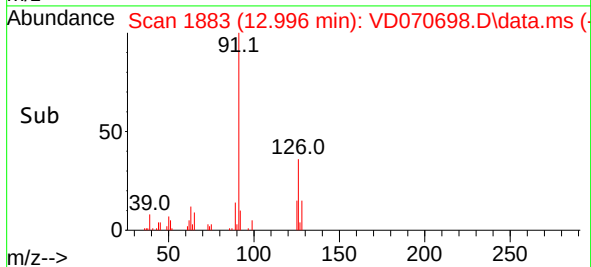
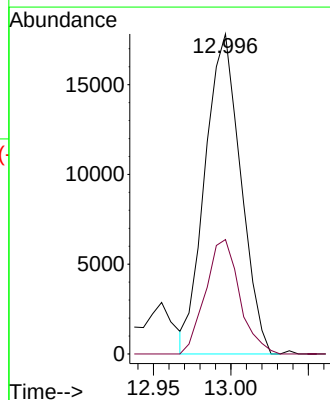
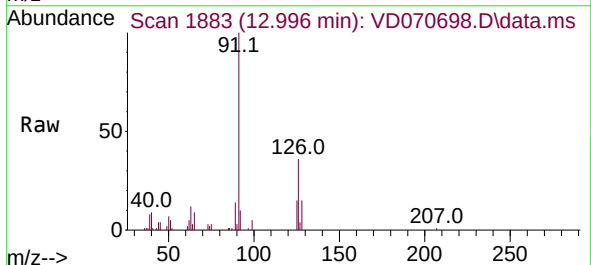
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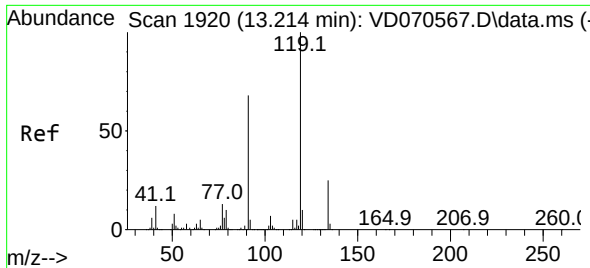
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#82
4-Chlorotoluene
Concen: 2.196 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD070698.D
Acq: 13 Oct 2021 15:24

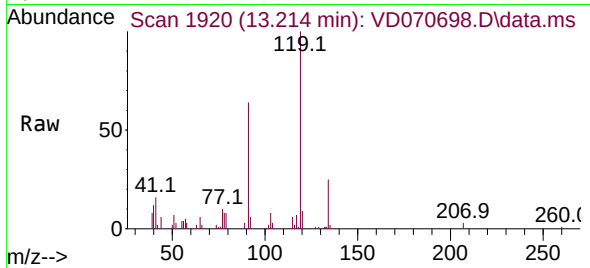
Tgt Ion: 91 Resp: 28507
Ion Ratio Lower Upper
91 100
126 34.1 16.2 48.6





#83
tert-Butylbenzene
Concen: 2.171 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. 0.000 min
Lab File: VD070698.D
Acq: 13 Oct 2021 15:24

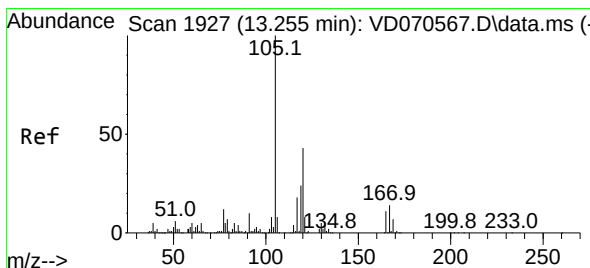
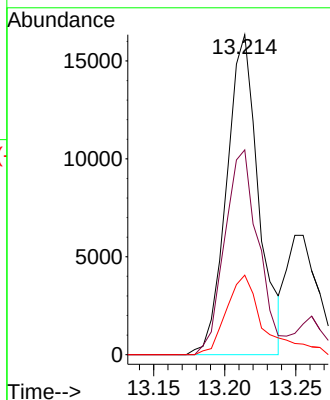
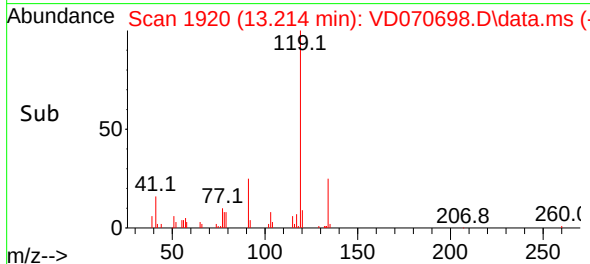
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



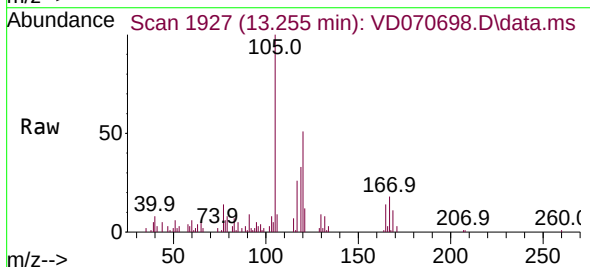
Tgt Ion:119 Resp: 25597
Ion Ratio Lower Upper
119 100
91 68.3 33.1 99.3
134 29.0 13.2 39.5

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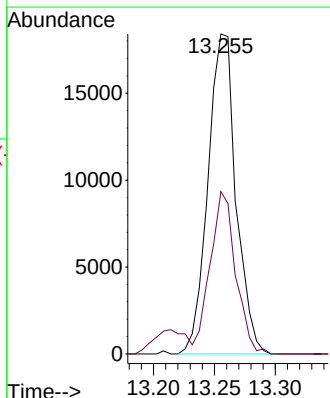
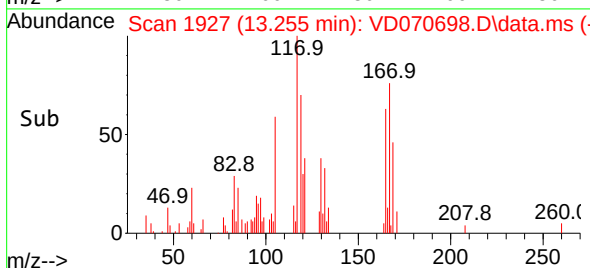
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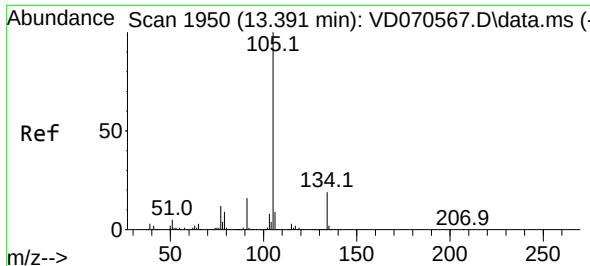


#84
1,2,4-Trimethylbenzene
Concen: 2.080 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD070698.D
Acq: 13 Oct 2021 15:24



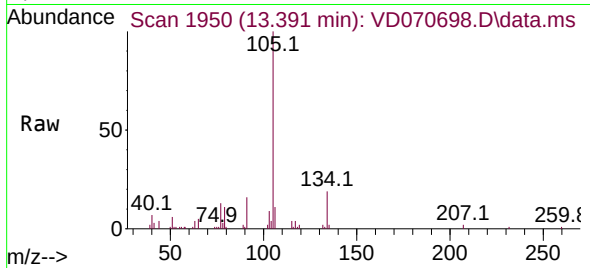
Tgt Ion:105 Resp: 29511
Ion Ratio Lower Upper
105 100
120 46.2 21.9 65.8





#85
 sec-Butylbenzene
 Concen: 2.194 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VD070698.D
 Acq: 13 Oct 2021 15:24

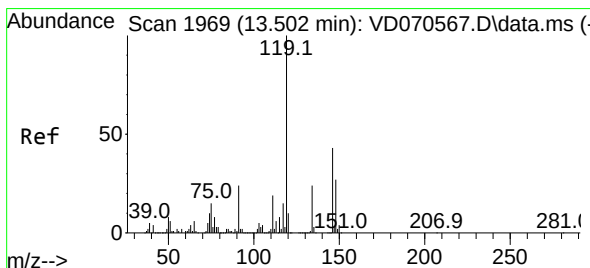
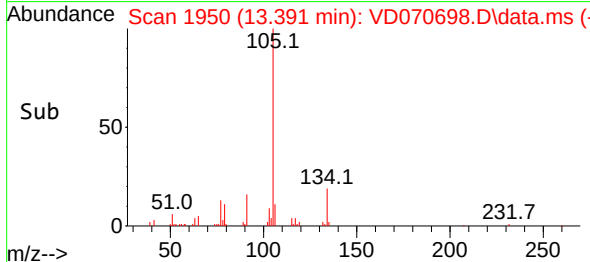
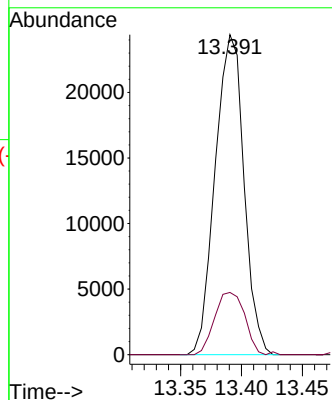
Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2021



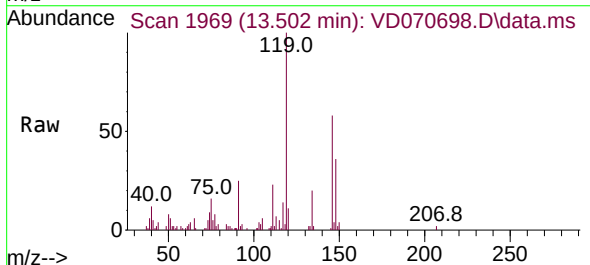
Tgt Ion:105 Resp: 40086
 Ion Ratio Lower Upper
 105 100
 134 20.6 9.3 28.0

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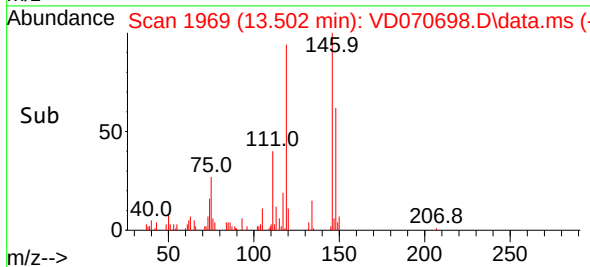
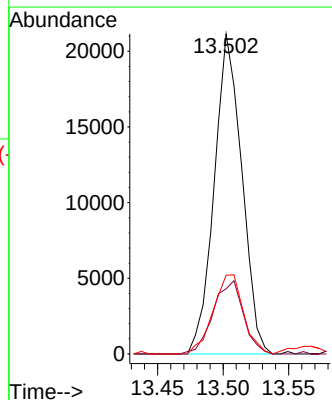
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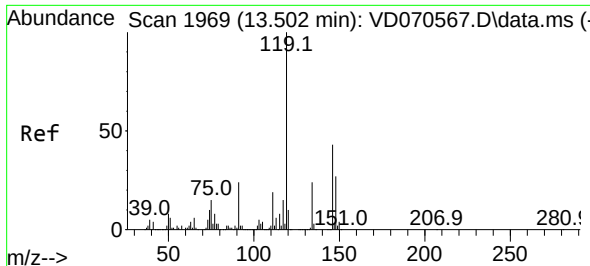


#86
 p-Isopropyltoluene
 Concen: 2.070 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD070698.D
 Acq: 13 Oct 2021 15:24

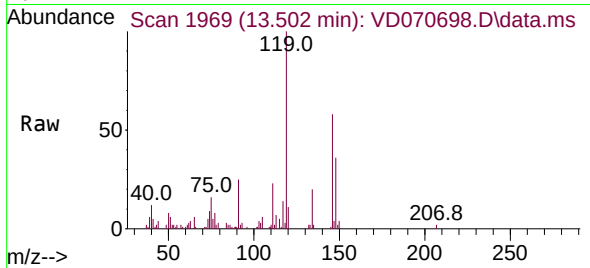


Tgt Ion:119 Resp: 30894
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.5 37.5
 91 27.2 11.9 35.5

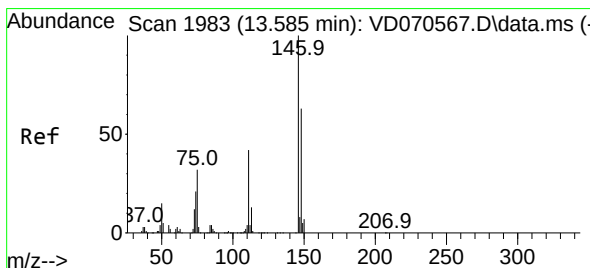
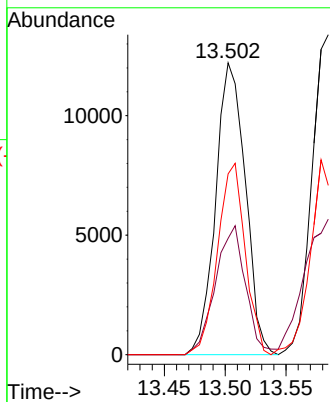
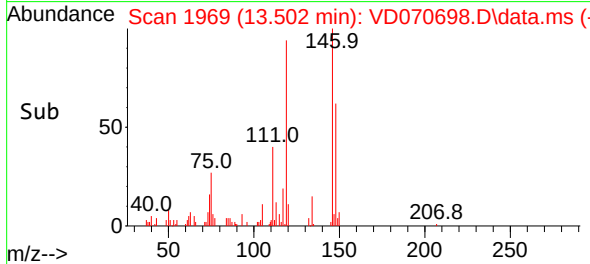




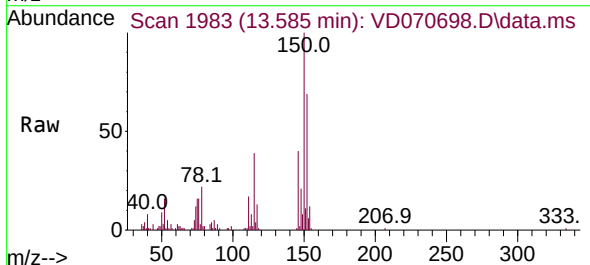
#87
1,3-Dichlorobenzene
Concen: 2.641 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD070698.D
Acq: 13 Oct 2021 15:24



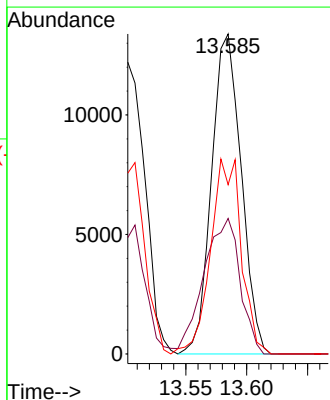
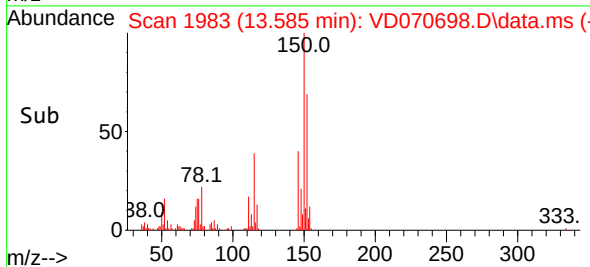
Tgt Ion:146 Resp: 20737
Ion Ratio Lower Upper
146 100
111 45.2 21.4 64.2
148 61.1 31.8 95.3



#88
1,4-Dichlorobenzene
Concen: 2.919 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VD070698.D
Acq: 13 Oct 2021 15:24



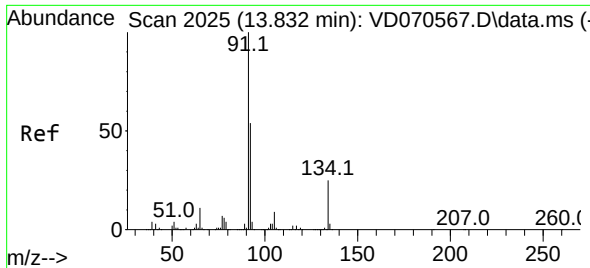
Tgt Ion:146 Resp: 22723
Ion Ratio Lower Upper
146 100
111 51.7 21.1 63.4
148 62.9 31.6 94.8



Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

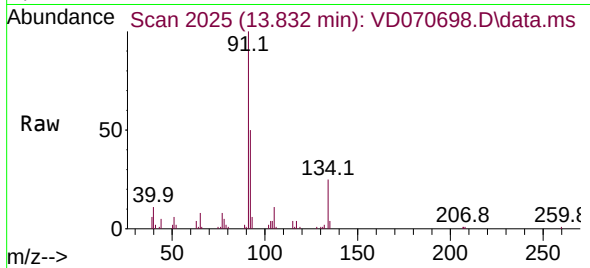
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#89
n-Butylbenzene
Concen: 2.273 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. 0.000 min
Lab File: VD070698.D
Acq: 13 Oct 2021 15:24

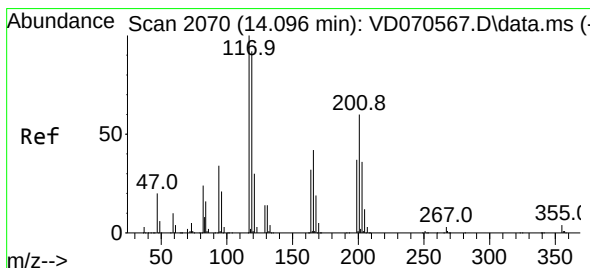
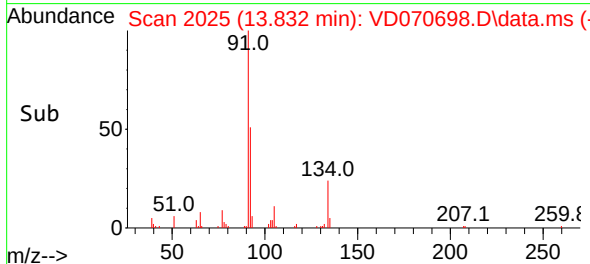
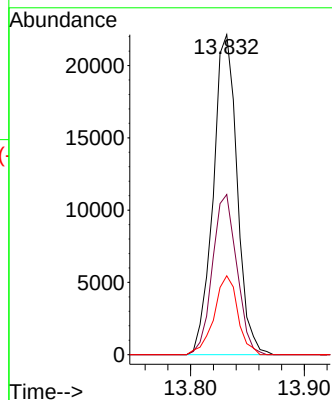
Instrument :
MSVOA_D
ClientSampleId :
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Tgt Ion:	91	Resp:	32384
Ion Ratio	Lower	Upper	
91	100		
92	50.9	26.8	80.4
134	24.5	12.2	36.4

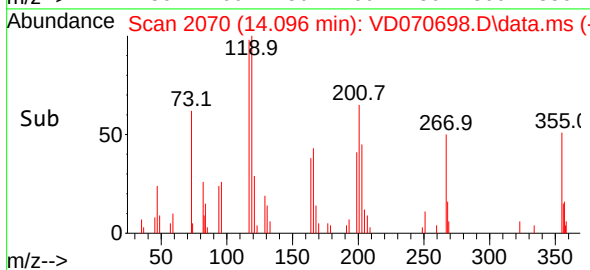
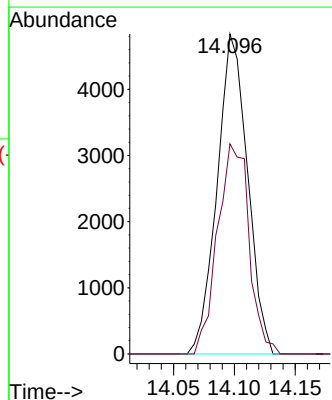
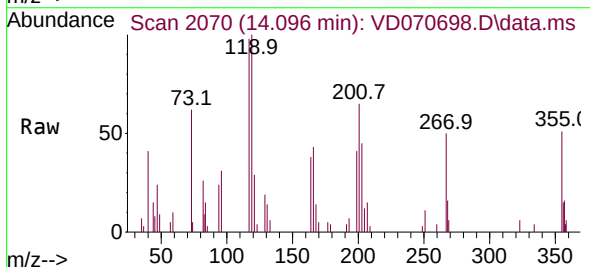
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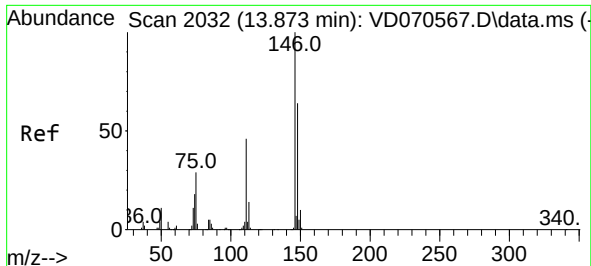
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#90
Hexachloroethane
Concen: 2.605 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD070698.D
Acq: 13 Oct 2021 15:24

Tgt Ion:	117	Resp:	8405
Ion Ratio	Lower	Upper	
117	100		
201	67.9	31.9	95.9





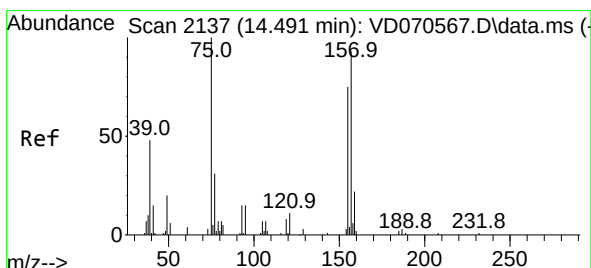
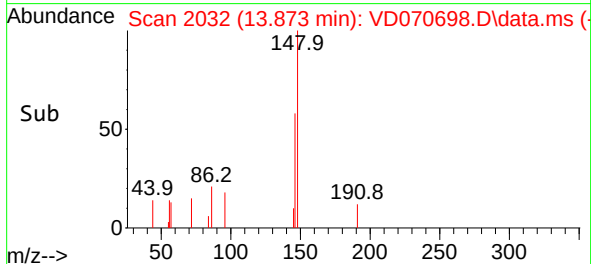
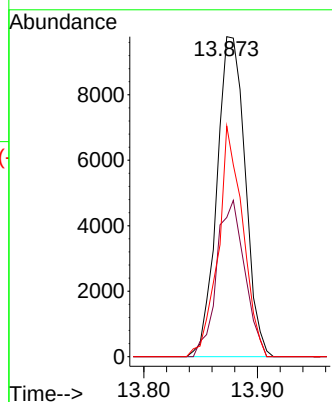
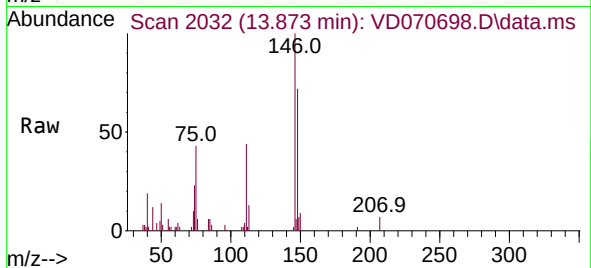
#91
1,2-Dichlorobenzene
Concen: 2.526 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD070698.D
Acq: 13 Oct 2021 15:24

Tgt Ion: 146 Resp: 16908
Ion Ratio Lower Upper
146 100
111 48.4 22.8 68.4
148 62.6 32.4 97.0

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

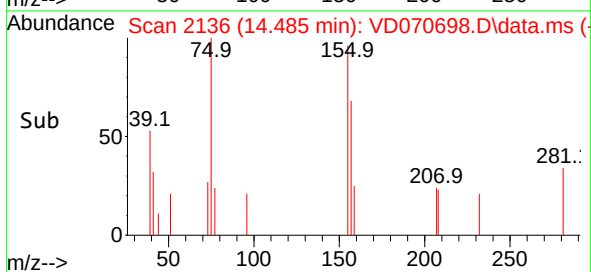
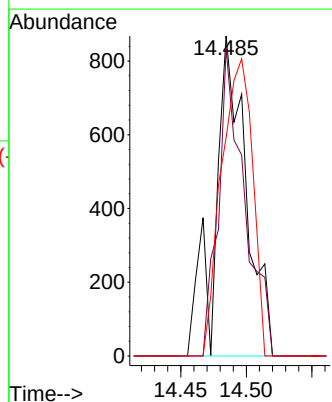
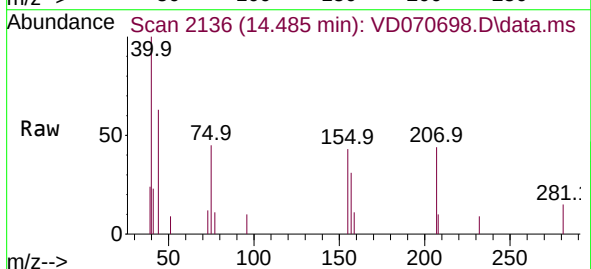
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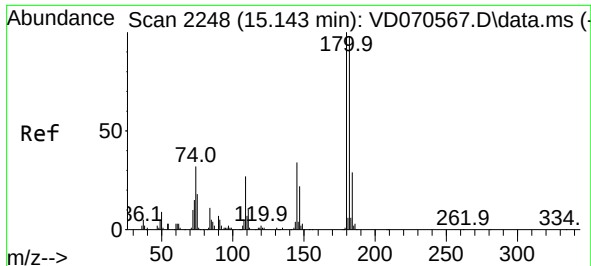
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#92
1,2-Dibromo-3-Chloropropane
Concen: 3.042 ug/l
RT: 14.485 min Scan# 2136
Delta R.T. -0.006 min
Lab File: VD070698.D
Acq: 13 Oct 2021 15:24

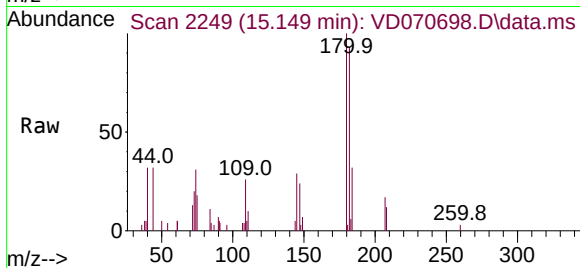
Tgt Ion: 75 Resp: 1436
Ion Ratio Lower Upper
75 100
155 80.4 38.1 114.5
157 92.6 47.6 142.9





#93
1,2,4-Trichlorobenzene
Concen: 2.375 ug/l
RT: 15.149 min Scan# 2249
Delta R.T. 0.006 min
Lab File: VD070698.D
Acq: 13 Oct 2021 15:24

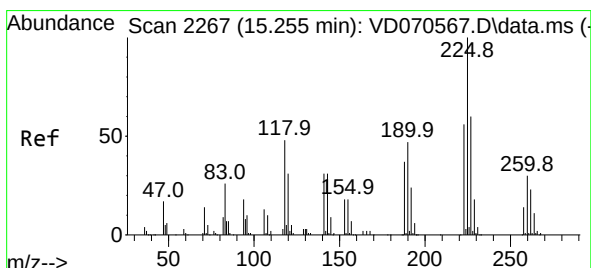
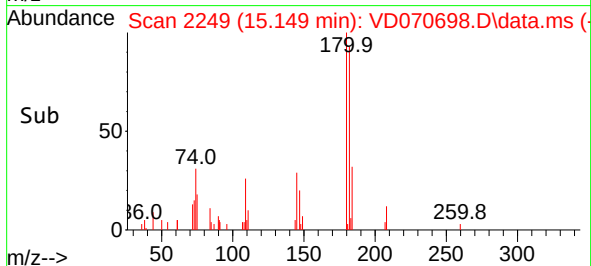
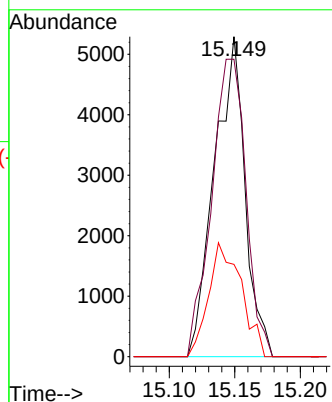
Instrument :
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Tgt Ion	Ratio	Lower	Upper
180	100		
182	104.7	47.5	142.5
145	38.2	16.9	50.7

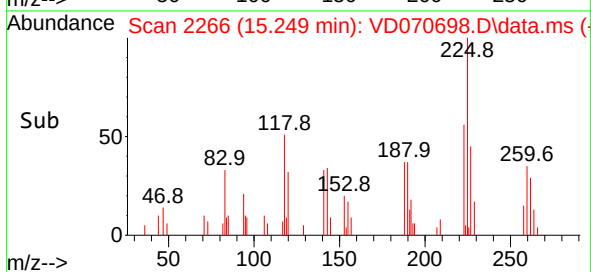
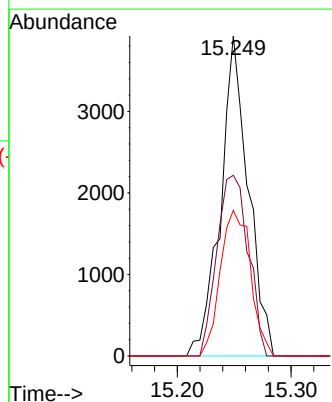
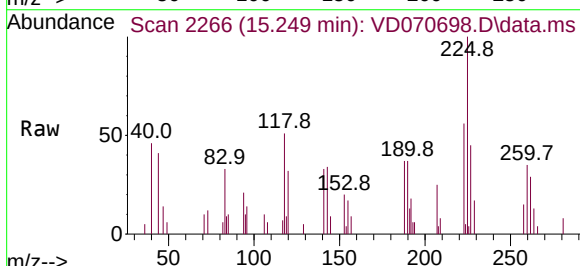
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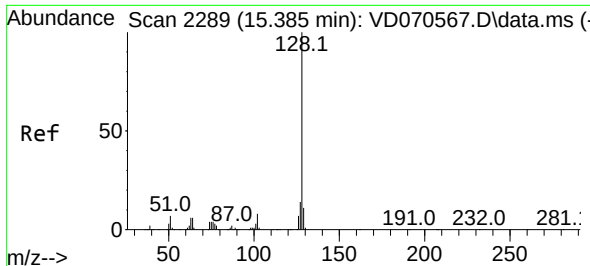
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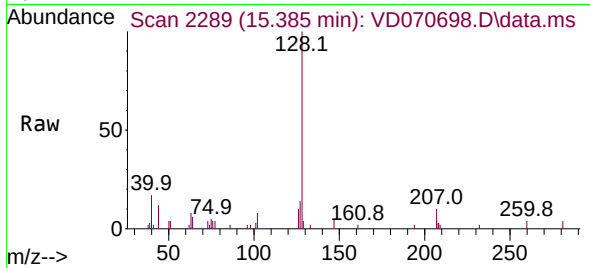
#94
Hexachlorobutadiene
Concen: 2.921 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. -0.006 min
Lab File: VD070698.D
Acq: 13 Oct 2021 15:24

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	31.2	93.6
227	49.7	32.2	96.6

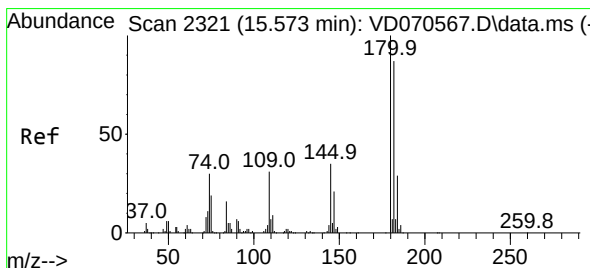
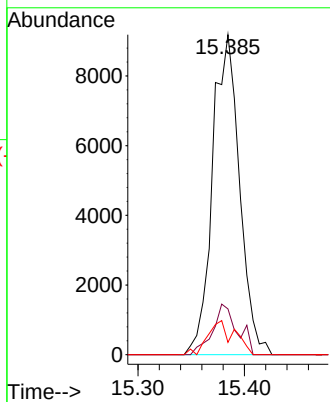
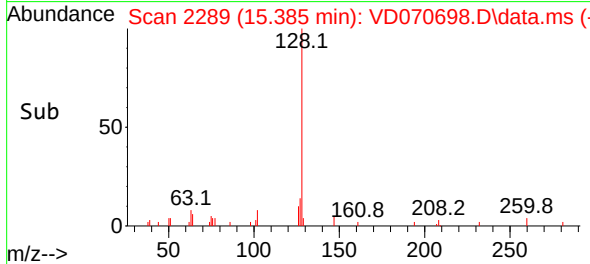




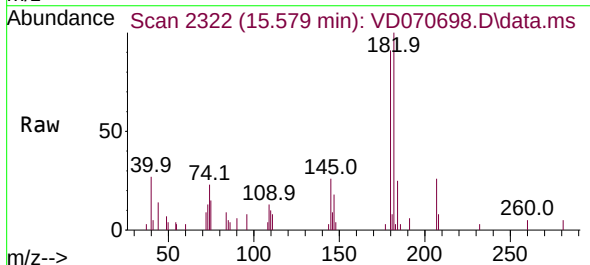
#95
Naphthalene
Concen: 2.486 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. -0.000 min
Lab File: VD070698.D
Acq: 13 Oct 2021 15:24



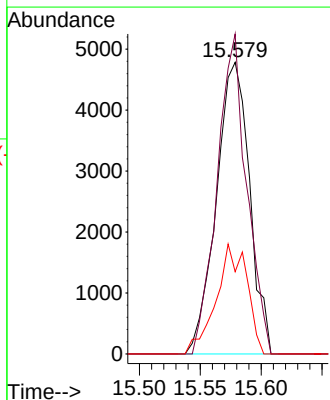
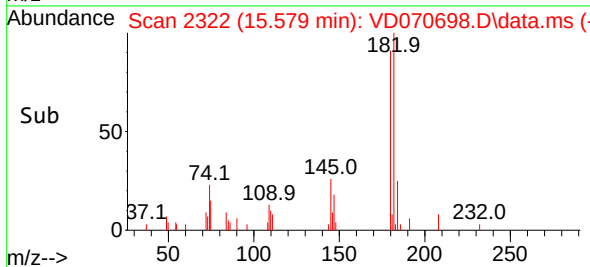
Tgt Ion	Ratio	Lower	Upper
128	100		
127	14.4	10.9	16.3
129	10.5	8.6	12.8



#96
1,2,3-Trichlorobenzene
Concen: 2.864 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. 0.006 min
Lab File: VD070698.D
Acq: 13 Oct 2021 15:24



Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.8	46.2	138.5
145	34.9	17.1	51.3



Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

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