

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022421\
 Data File : VD068431.D
 Acq On : 24 Feb 2021 12:22
 Operator : VA/SY
 Sample : M1458-01 4PPBLOD
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2021

Manual Integrations
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Quant Time: Feb 25 00:39:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 25 00:38:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	322482	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	562704	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	517138	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	230257	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	174411	52.90	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.80%			
35) Dibromofluoromethane	7.920	113	175817	52.64	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.28%			
50) Toluene-d8	10.344	98	706904	51.06	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.12%			
62) 4-Bromofluorobenzene	12.632	95	223079	49.47	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 98.94%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	17595	5.95	ug/l	85
3) Chloromethane	2.209	50	22657	6.44	ug/l	100
4) Vinyl Chloride	2.350	62	25897	6.15	ug/l	95
5) Bromomethane	2.773	94	18637	6.19	ug/l	89
6) Chloroethane	2.926	64	16817	6.11	ug/l	98
7) Trichlorofluoromethane	3.273	101	30354	5.86	ug/l	89
8) Diethyl Ether	3.720	74	8398	5.52	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.097	101	16652	5.28	ug/l	94
10) Methyl Iodide	4.309	142	15167	5.12	ug/l #	87
11) Tert butyl alcohol	5.214	59	5875m	35.54	ug/l	
12) 1,1-Dichloroethene	4.061	96	16256	5.30	ug/l	93
13) Acrolein	3.920	56	3649	19.31	ug/l #	71
14) Allyl chloride	4.726	41	20588	5.16	ug/l	94
15) Acrylonitrile	5.420	53	17035	25.93	ug/l #	88
16) Acetone	4.161	43	11728	23.06	ug/l #	63
17) Carbon Disulfide	4.403	76	54851	6.18	ug/l	97
18) Methyl Acetate	4.714	43	8921	6.39	ug/l	90
19) Methyl tert-butyl Ether	5.479	73	34410	4.97	ug/l	94
20) Methylene Chloride	4.967	84	26878	6.64	ug/l	96
21) trans-1,2-Dichloroethene	5.485	96	19370	5.46	ug/l	94
22) Diisopropyl ether	6.355	45	39015	4.42	ug/l #	91
23) Vinyl Acetate	6.314	43	88772	19.48	ug/l	97
24) 1,1-Dichloroethane	6.273	63	31238	5.17	ug/l	96
25) 2-Butanone	7.220	43	17455	24.54	ug/l	95
26) 2,2-Dichloropropane	7.208	77	24330	4.71	ug/l	98
27) cis-1,2-Dichloroethene	7.214	96	19551	4.85	ug/l	92
28) Bromochloromethane	7.550	49	11000	4.39	ug/l #	80
29) Tetrahydrofuran	7.573	42	10468	22.76	ug/l	98
30) Chloroform	7.708	83	32360	5.15	ug/l #	81
31) Cyclohexane	7.985	56	30252	5.57	ug/l #	76
32) 1,1,1-Trichloroethane	7.908	97	27169	5.01	ug/l	97
36) 1,1-Dichloropropene	8.114	75	24910	5.00	ug/l	96
37) Ethyl Acetate	7.302	43	7298	4.34	ug/l #	94
38) Carbon Tetrachloride	8.102	117	23327	4.91	ug/l	95
39) Methylcyclohexane	9.355	83	30327	4.97	ug/l	96
40) Benzene	8.355	78	69521	4.90	ug/l	92

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	3377	3.49	ug/l #	74
42) 1,2-Dichloroethane	8.426	62	19249	5.08	ug/l	99
43) Isopropyl Acetate	8.455	43	14892	4.62	ug/l #	86
44) Trichloroethene	9.114	130	20360	5.27	ug/l	94
45) 1,2-Dichloropropane	9.391	63	16744	4.83	ug/l	94
46) Dibromomethane	9.473	93	9446	5.03	ug/l	89
47) Bromodichloromethane	9.667	83	23314	4.78	ug/l	96
48) Methyl methacrylate	9.461	41	6839	4.25	ug/l	87
49) 1,4-Dioxane	9.461	88	2378	108.29	ug/l #	83
51) 4-Methyl-2-Pentanone	10.232	43	37902	22.91	ug/l	98
52) Toluene	10.402	92	46416	5.08	ug/l	100
53) t-1,3-Dichloropropene	10.626	75	20614	4.57	ug/l	100
54) cis-1,3-Dichloropropene	10.091	75	26490	4.81	ug/l	98
55) 1,1,2-Trichloroethane	10.808	97	12766	4.92	ug/l	91
56) Ethyl methacrylate	10.661	69	14195	4.61	ug/l	98
57) 1,3-Dichloropropane	10.949	76	21831	4.79	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.944	63	37843	22.94	ug/l	90
59) 2-Hexanone	10.985	43	24169	21.61	ug/l	94
60) Dibromochloromethane	11.143	129	15487	4.81	ug/l	96
61) 1,2-Dibromoethane	11.249	107	12183	4.86	ug/l	98
64) Tetrachloroethene	10.873	164	17384	5.46	ug/l	95
65) Chlorobenzene	11.673	112	48088	4.84	ug/l #	88
66) 1,1,1,2-Tetrachloroethane	11.743	131	15378	4.43	ug/l	94
67) Ethyl Benzene	11.743	91	80903	4.54	ug/l	98
68) m/p-Xylenes	11.855	106	61274	9.09	ug/l	98
69) o-Xylene	12.179	106	26978	4.36	ug/l	94
70) Styrene	12.196	104	46893	4.36	ug/l	98
71) Bromoform	12.361	173	8355	4.69	ug/l #	94
73) Isopropylbenzene	12.479	105	76449	4.55	ug/l	100
74) N-amyl acetate	12.290	43	12527	4.22	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.732	83	14107	4.84	ug/l	97
76) 1,2,3-Trichloropropane	12.785	75	7893m	3.60	ug/l	
77) Bromobenzene	12.761	156	17932	4.77	ug/l	86
78) n-propylbenzene	12.820	91	91539	4.55	ug/l	99
79) 2-Chlorotoluene	12.908	91	51961	4.66	ug/l	99
80) 1,3,5-Trimethylbenzene	12.961	105	61348	4.46	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.526	75	3676	4.21	ug/l	99
82) 4-Chlorotoluene	13.002	91	54131	4.59	ug/l	94
83) tert-Butylbenzene	13.220	119	55306	4.64	ug/l	96
84) 1,2,4-Trimethylbenzene	13.267	105	61730	4.51	ug/l	99
85) sec-Butylbenzene	13.402	105	74094	4.44	ug/l	99
86) p-Isopropyltoluene	13.514	119	66507	4.44	ug/l	99
87) 1,3-Dichlorobenzene	13.514	146	33175	4.56	ug/l	96
88) 1,4-Dichlorobenzene	13.596	146	34592	4.78	ug/l	90
89) n-Butylbenzene	13.843	91	67740	4.64	ug/l	96
90) Hexachloroethane	14.108	117	12744	4.69	ug/l	91
91) 1,2-Dichlorobenzene	13.884	146	30913	4.90	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.502	75	2038	4.78	ug/l	98
93) 1,2,4-Trichlorobenzene	15.155	180	23537	5.70	ug/l	98
94) Hexachlorobutadiene	15.261	225	12054	5.31	ug/l	92
95) Naphthalene	15.396	128	40223	5.24	ug/l	98
96) 1,2,3-Trichlorobenzene	15.590	180	19082	5.30	ug/l	99

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ClientSampleId :
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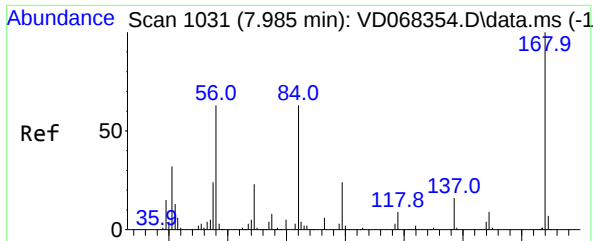
Manual Integrations
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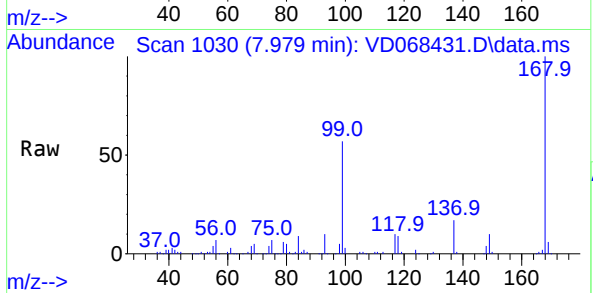
Quant Time: Feb 25 00:39:05 2021
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Quant Title : SW846 8260
QLast Update : Thu Feb 25 00:38:02 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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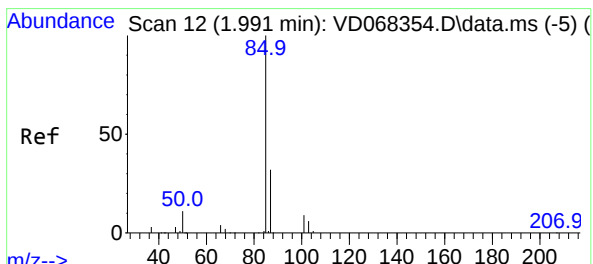
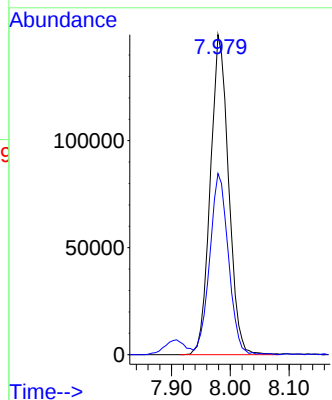
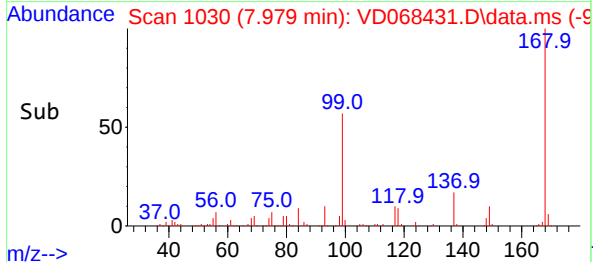
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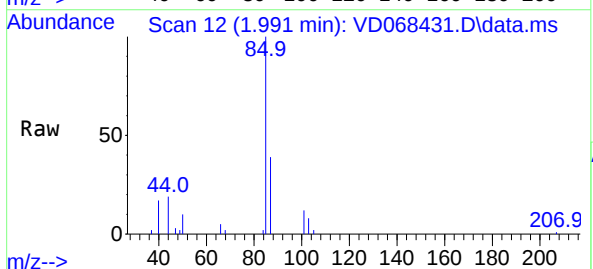
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068431.D
Acq: 24 Feb 2021 12:22



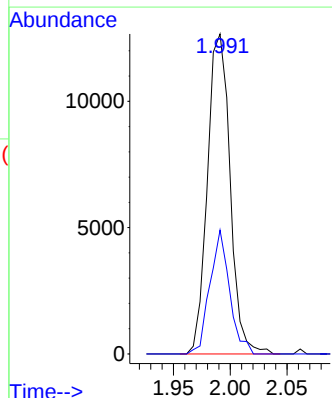
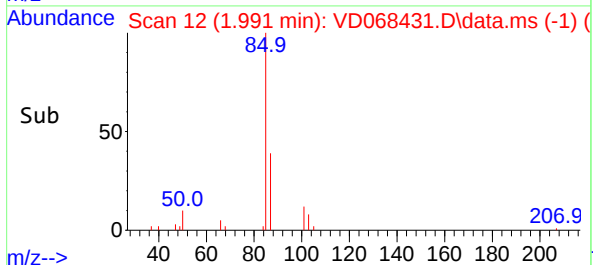
Tgt Ion:168 Resp: 322482
Ion Ratio Lower Upper
168 100
99 56.5 43.5 65.3



#2
Dichlorodifluoromethane
Concen: 5.95 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD068431.D
Acq: 24 Feb 2021 12:22



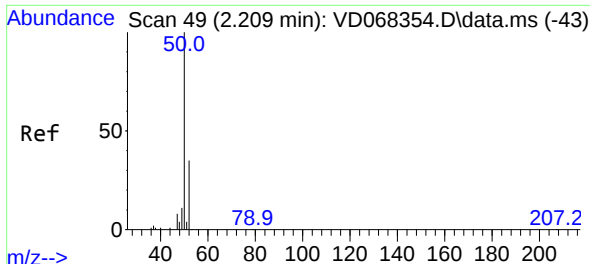
Tgt Ion: 85 Resp: 17595
Ion Ratio Lower Upper
85 100
87 38.7 15.4 46.1



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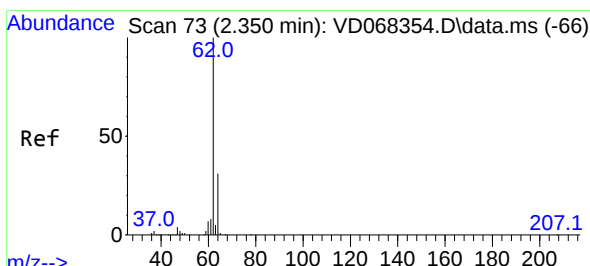
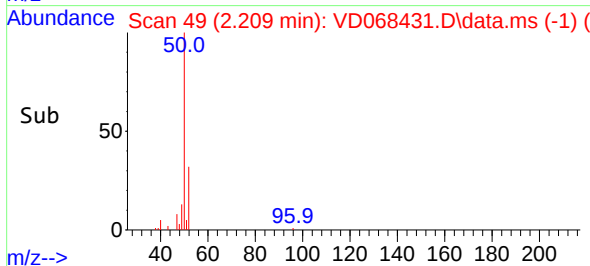
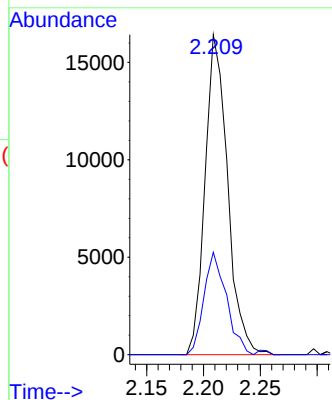
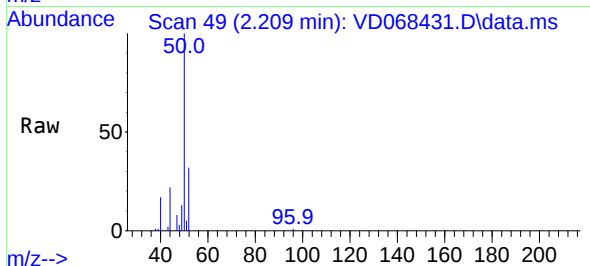
#3
Chloromethane
Concen: 6.44 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD068431.D
Acq: 24 Feb 2021 12:22

Tgt Ion: 50 Resp: 22657
Ion Ratio Lower Upper
50 100
52 32.0 25.4 38.2

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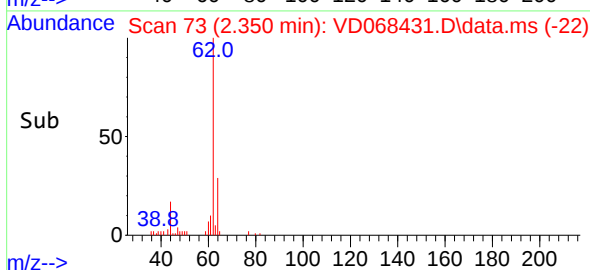
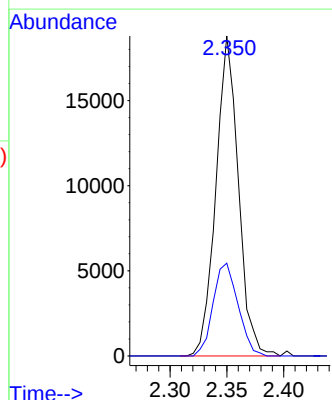
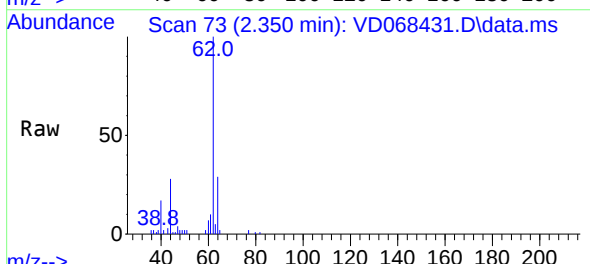
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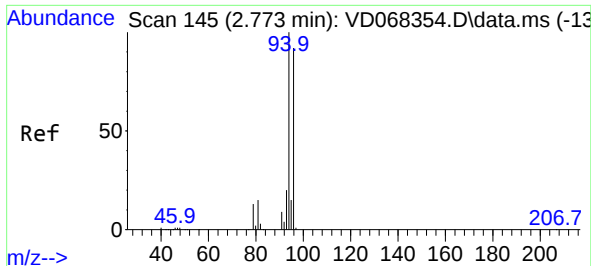
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#4
Vinyl Chloride
Concen: 6.15 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD068431.D
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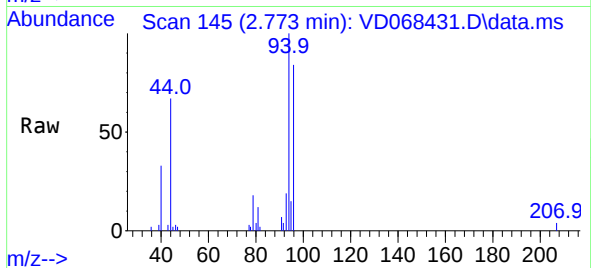
Tgt Ion: 62 Resp: 25897
Ion Ratio Lower Upper
62 100
64 29.0 25.4 38.2





#5
Bromomethane
Concen: 6.19 ug/l
RT: 2.773 min Scan# 145
Delta R.T. -0.000 min
Lab File: VD068431.D
Acq: 24 Feb 2021 12:22

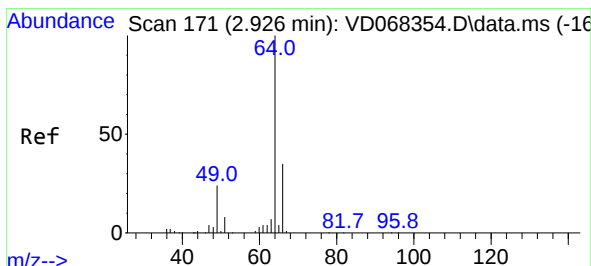
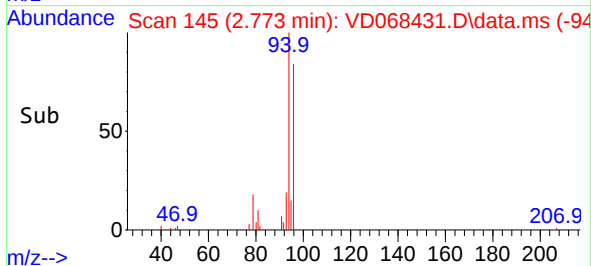
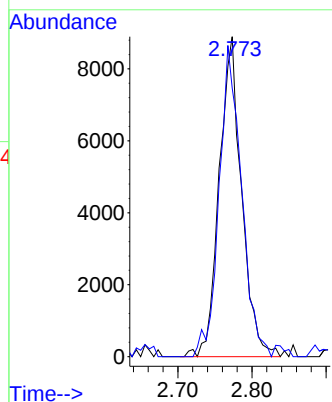
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Tgt Ion: 94 Resp: 18637
Ion Ratio Lower Upper
94 100
96 84.0 75.8 113.8

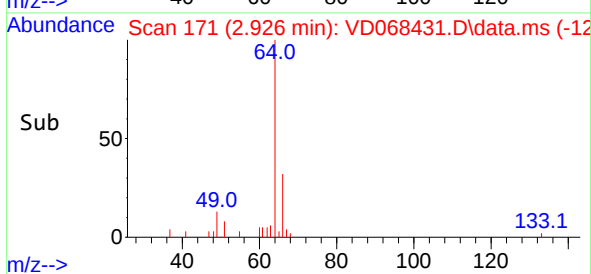
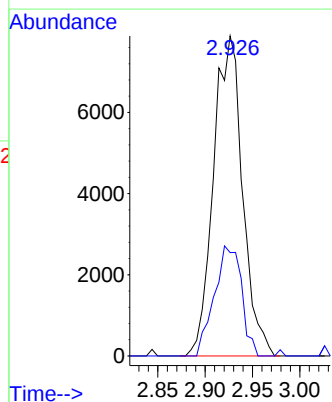
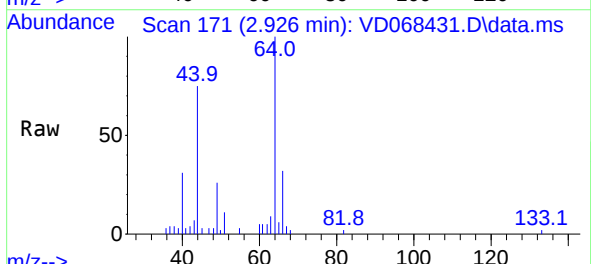
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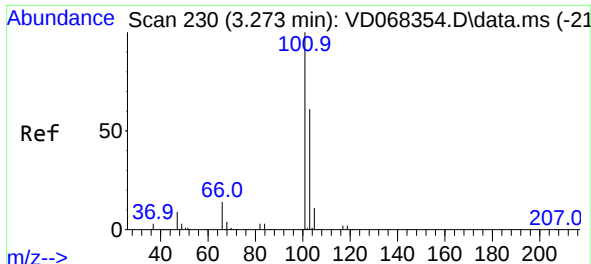
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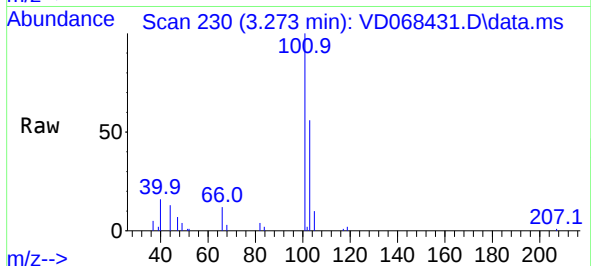
#6
Chloroethane
Concen: 6.11 ug/l
RT: 2.926 min Scan# 171
Delta R.T. -0.000 min
Lab File: VD068431.D
Acq: 24 Feb 2021 12:22

Tgt Ion: 64 Resp: 16817
Ion Ratio Lower Upper
64 100
66 32.3 25.1 37.7

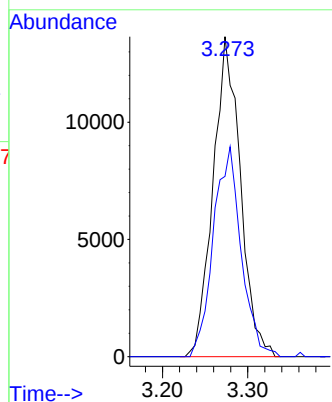
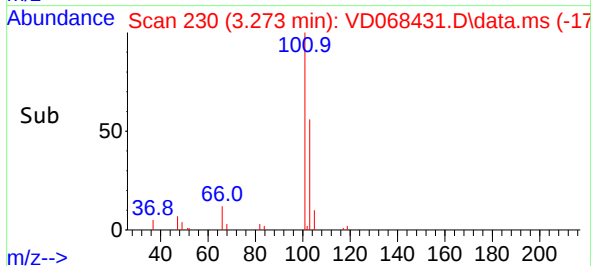




#7
Trichlorofluoromethane
Concen: 5.86 ug/l
RT: 3.273 min Scan# 230
Delta R.T. -0.000 min
Lab File: VD068431.D
Acq: 24 Feb 2021 12:22



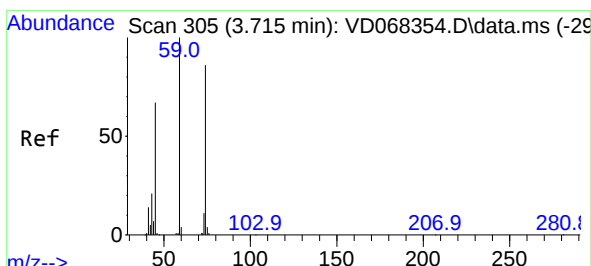
Tgt Ion:101 Resp: 30354
Ion Ratio Lower Upper
101 100
103 56.4 52.0 78.0



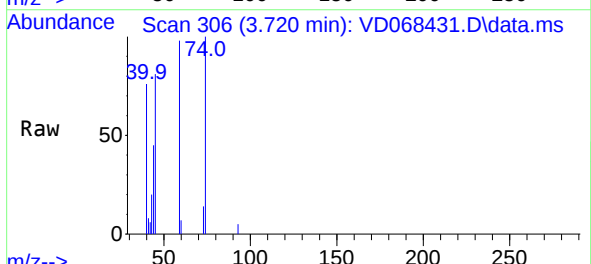
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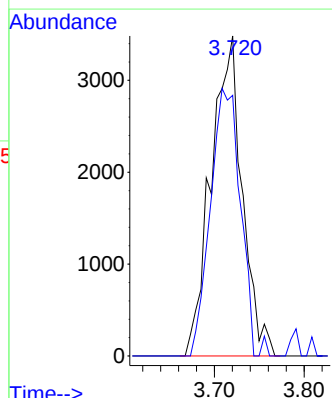
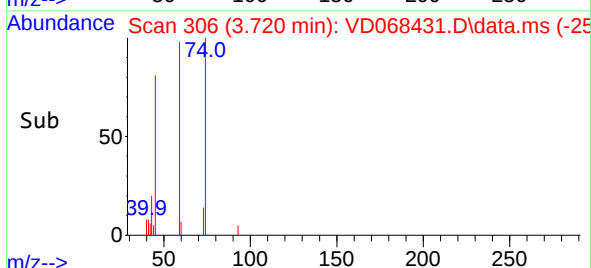
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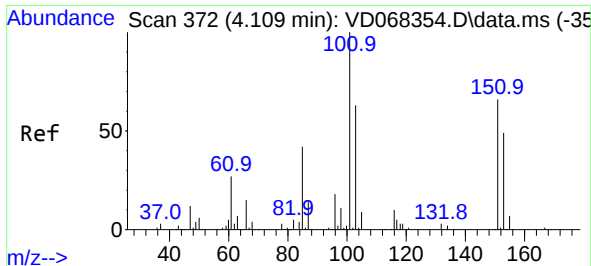


#8
Diethyl Ether
Concen: 5.52 ug/l
RT: 3.720 min Scan# 306
Delta R.T. 0.006 min
Lab File: VD068431.D
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Tgt Ion: 74 Resp: 8398
Ion Ratio Lower Upper
74 100
45 79.7 42.1 126.4





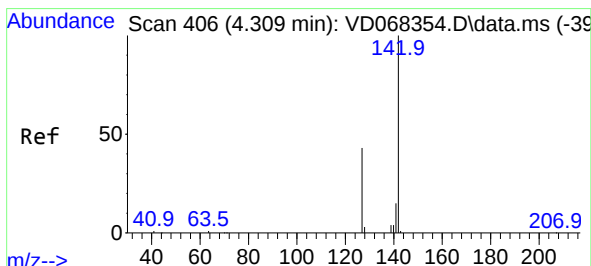
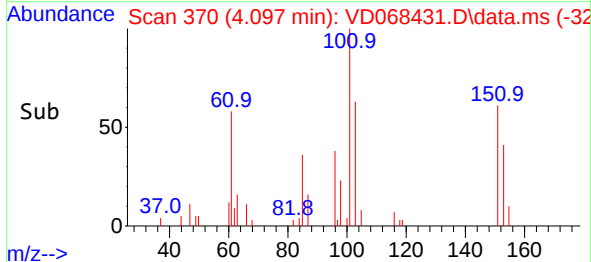
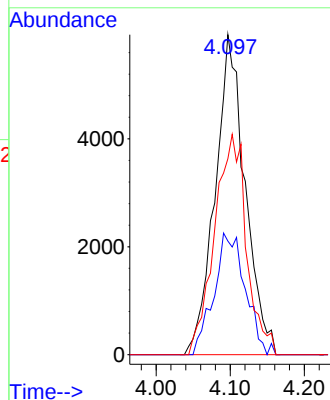
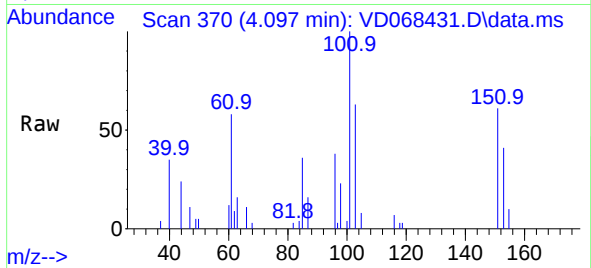
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.28 ug/l
RT: 4.097 min Scan# 370
Delta R.T. -0.012 min
Lab File: VD068431.D
Acq: 24 Feb 2021 12:22

Tgt Ion:	101	Resp:	16652
Ion	Ratio	Lower	Upper
101	100		
85	39.7	34.0	51.0
151	73.4	64.1	96.1

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

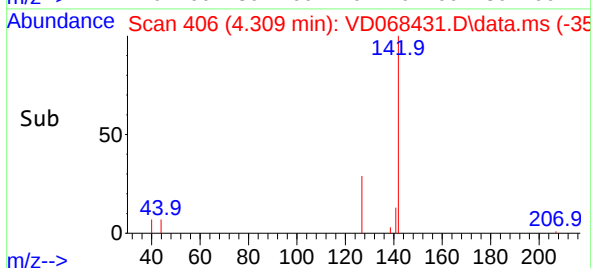
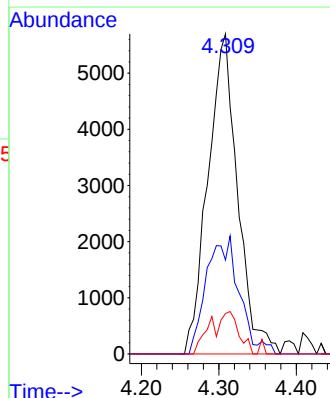
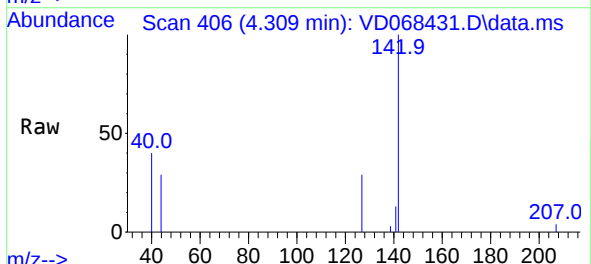
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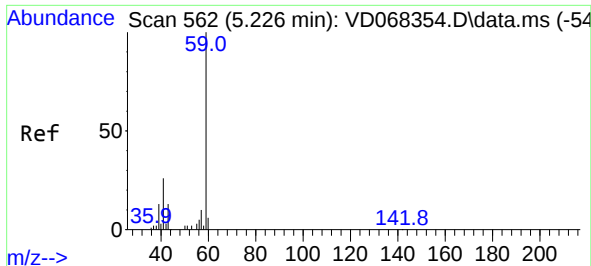
MMDadoda
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#10
Methyl Iodide
Concen: 5.12 ug/l
RT: 4.309 min Scan# 406
Delta R.T. -0.000 min
Lab File: VD068431.D
Acq: 24 Feb 2021 12:22

Tgt Ion:	142	Resp:	15167
Ion	Ratio	Lower	Upper
142	100		
127	39.2	37.9	56.9
141	8.1	11.5	17.3





#11

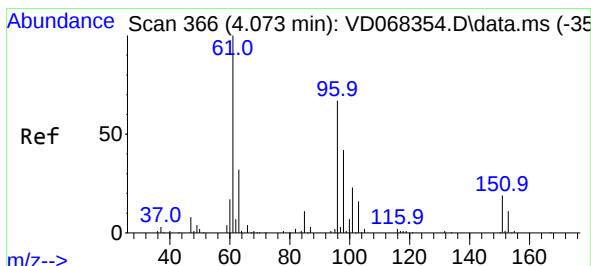
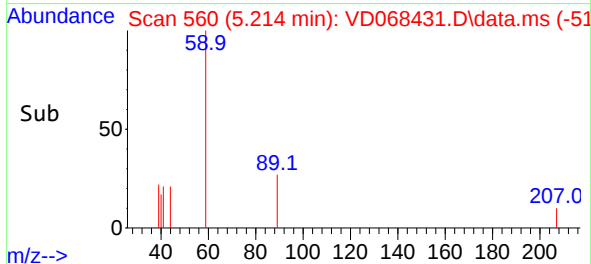
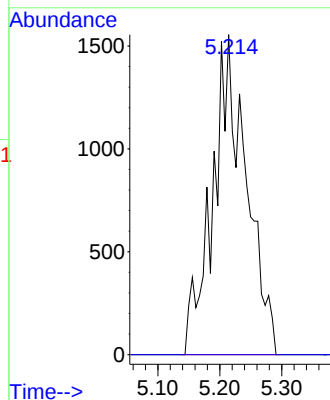
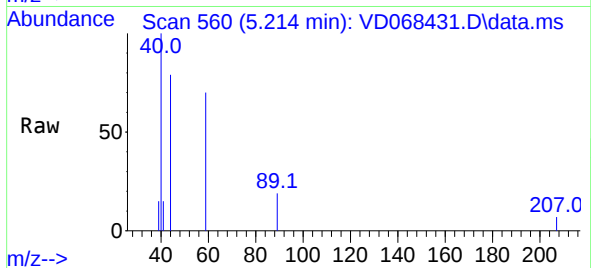
Tert butyl alcohol
Concen: 35.54 ug/l m
RT: 5.214 min Scan# 560
Delta R.T. -0.012 min
Lab File: VD068431.D
Acq: 24 Feb 2021 12:22

Tgt Ion: 59 Resp: 5875
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

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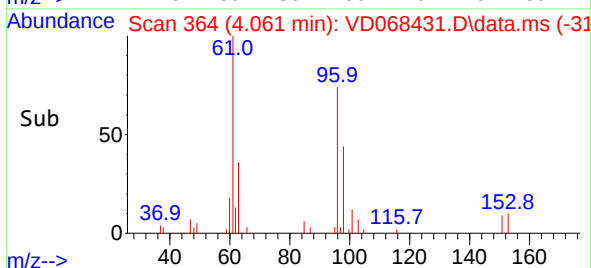
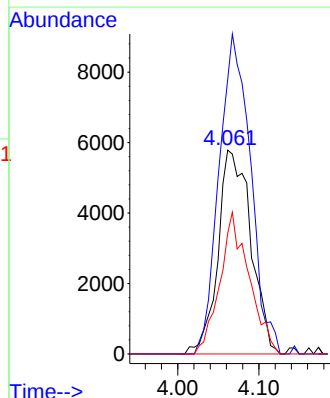
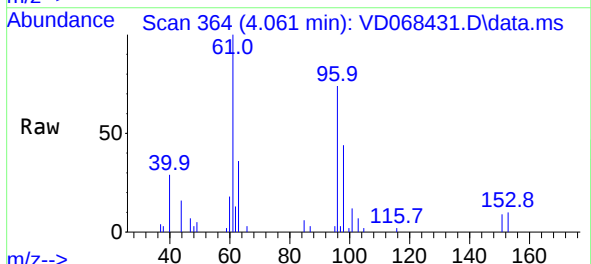
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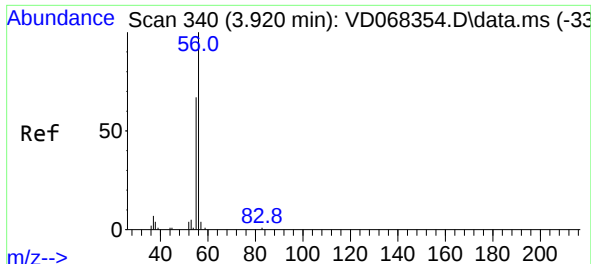


#12

1,1-Dichloroethene
Concen: 5.30 ug/l
RT: 4.061 min Scan# 364
Delta R.T. -0.012 min
Lab File: VD068431.D
Acq: 24 Feb 2021 12:22

Tgt Ion: 96 Resp: 16256
Ion Ratio Lower Upper
96 100
61 134.9 116.2 174.4
98 59.3 48.6 73.0





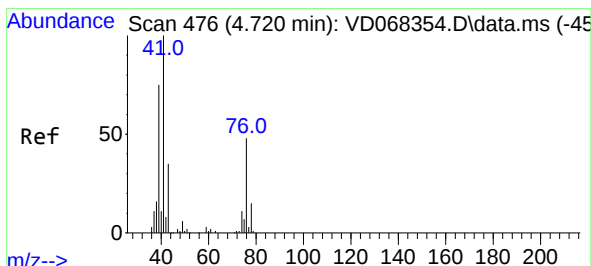
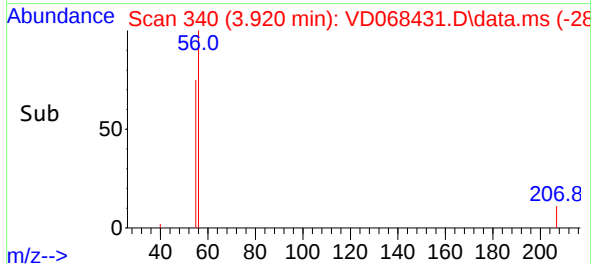
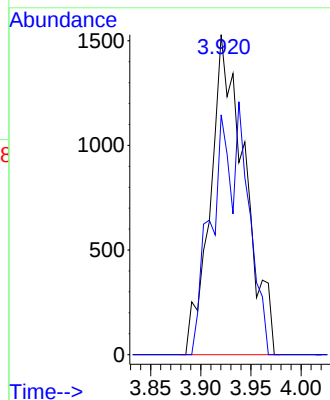
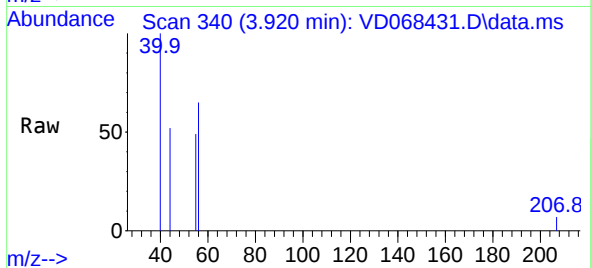
#13
Acrolein
Concen: 19.31 ug/l
RT: 3.920 min Scan# 340
Delta R.T. -0.000 min
Lab File: VD068431.D
Acq: 24 Feb 2021 12:22

Tgt Ion: 56 Resp: 3649
Ion Ratio Lower Upper
56 100
55 46.6 56.5 84.7#

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

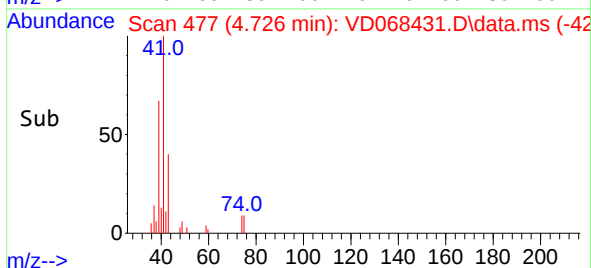
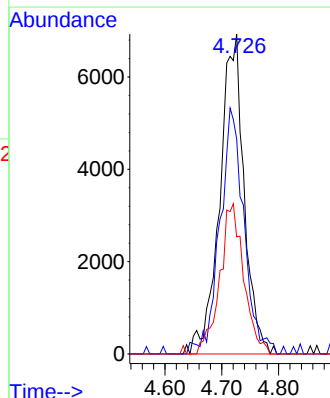
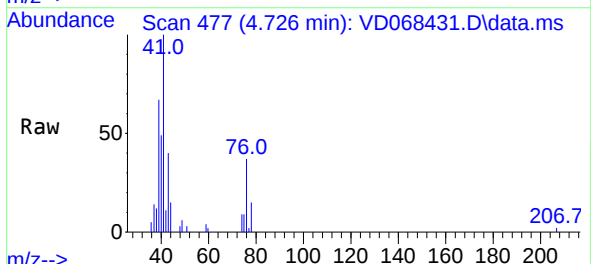
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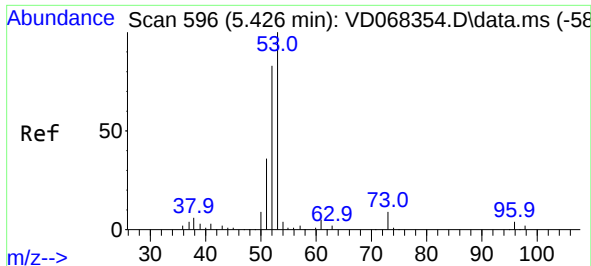
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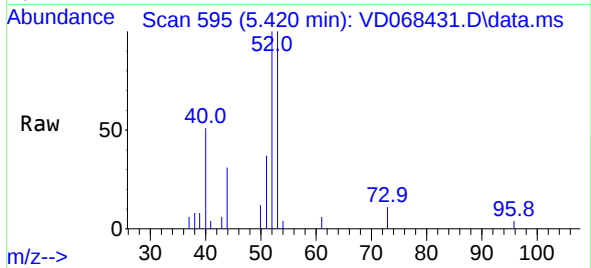
#14
Allyl chloride
Concen: 5.16 ug/l
RT: 4.726 min Scan# 477
Delta R.T. 0.006 min
Lab File: VD068431.D
Acq: 24 Feb 2021 12:22

Tgt Ion: 41 Resp: 20588
Ion Ratio Lower Upper
41 100
39 76.5 56.3 84.5
76 46.3 38.9 58.3

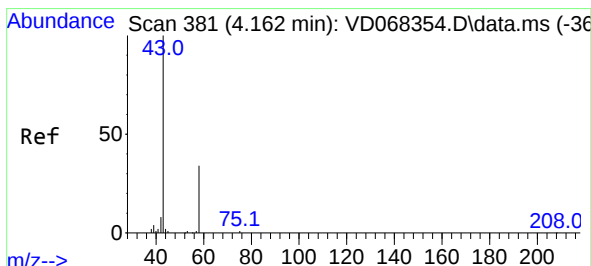
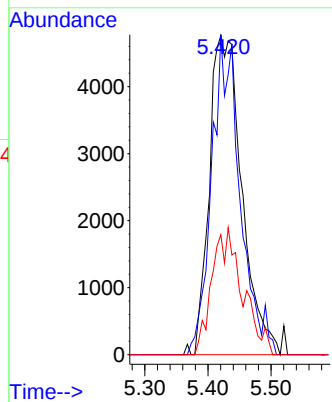
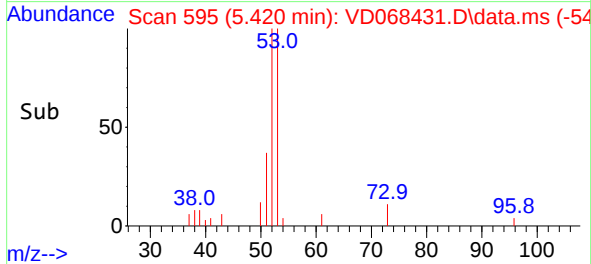




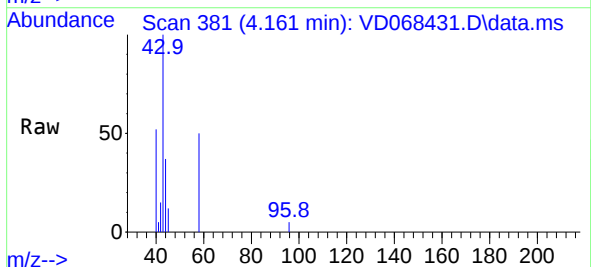
#15
Acrylonitrile
Concen: 25.93 ug/l
RT: 5.420 min Scan# 595
Delta R.T. -0.006 min
Lab File: VD068431.D
Acq: 24 Feb 2021 12:22



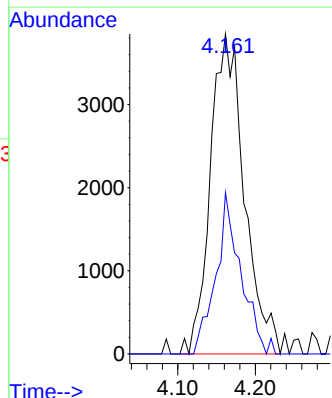
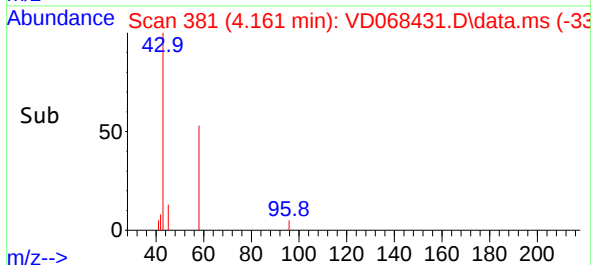
Tgt Ion: 53 Resp: 17035
Ion Ratio Lower Upper
53 100
52 85.1 66.2 99.2
51 16.8 29.0 43.4#



#16
Acetone
Concen: 23.06 ug/l
RT: 4.161 min Scan# 381
Delta R.T. -0.000 min
Lab File: VD068431.D
Acq: 24 Feb 2021 12:22



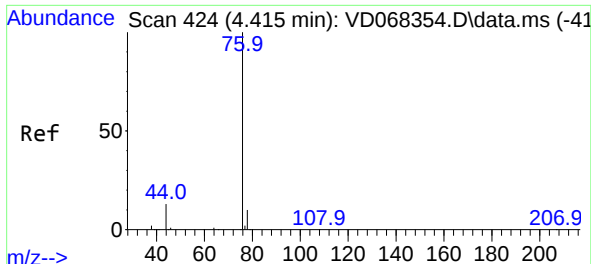
Tgt Ion: 43 Resp: 11728
Ion Ratio Lower Upper
43 100
58 50.4 24.2 36.4#



Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

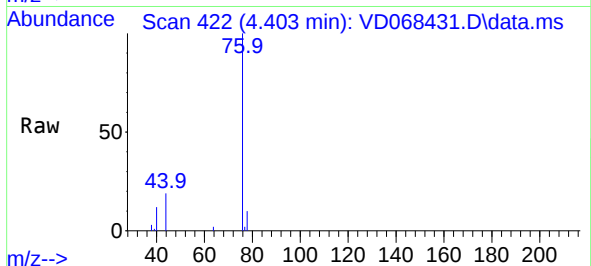
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#17
Carbon Disulfide
Concen: 6.18 ug/l
RT: 4.403 min Scan# 422
Delta R.T. -0.012 min
Lab File: VD068431.D
Acq: 24 Feb 2021 12:22

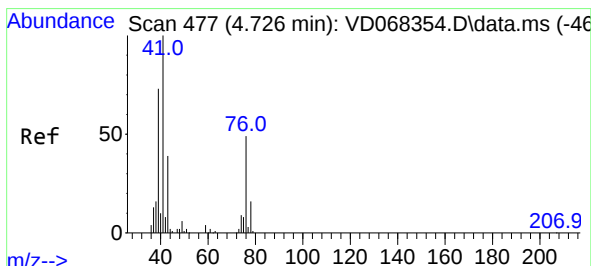
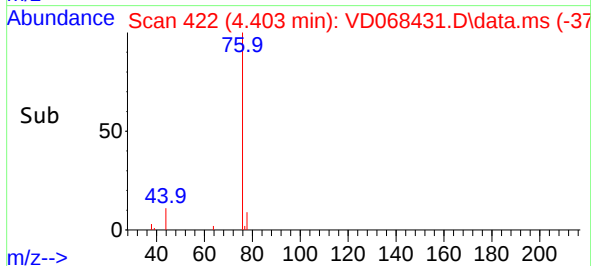
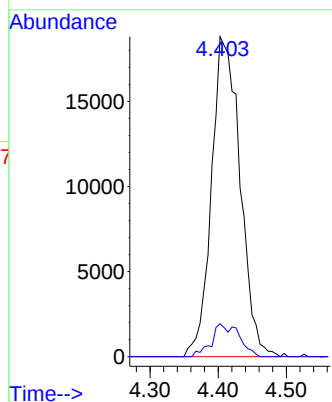
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



Tgt Ion: 76 Resp: 54851
Ion Ratio Lower Upper
76 100
78 10.3 7.3 10.9

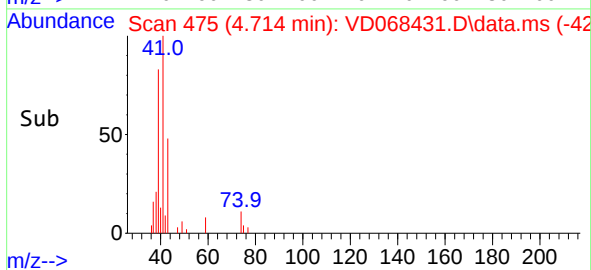
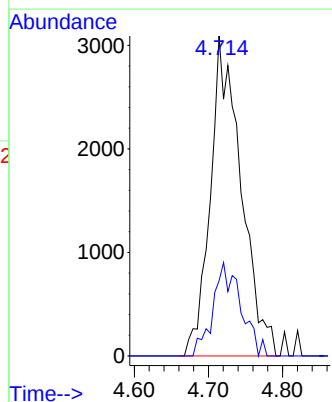
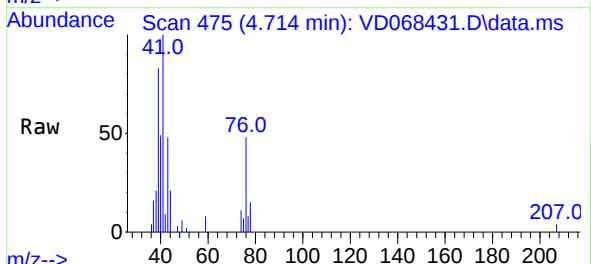
Manual Integrations
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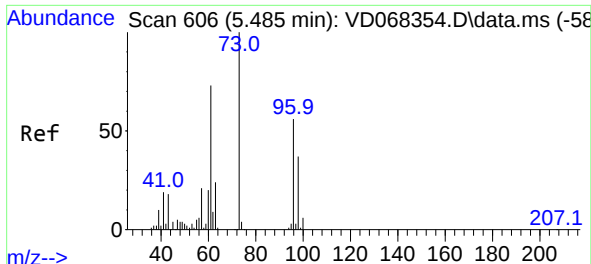
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#18
Methyl Acetate
Concen: 6.39 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.012 min
Lab File: VD068431.D
Acq: 24 Feb 2021 12:22

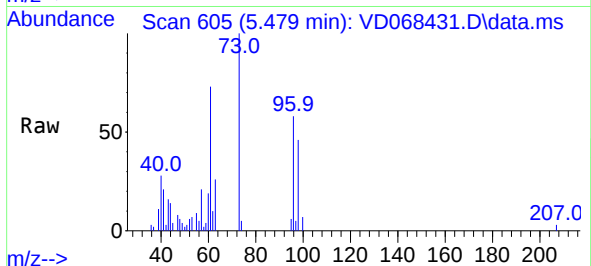
Tgt Ion: 43 Resp: 8921
Ion Ratio Lower Upper
43 100
74 26.4 25.4 38.0





#19
Methyl tert-butyl Ether
Concen: 4.97 ug/l
RT: 5.479 min Scan# 605
Delta R.T. -0.006 min
Lab File: VD068431.D
Acq: 24 Feb 2021 12:22

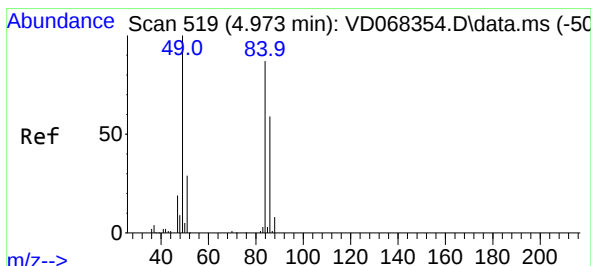
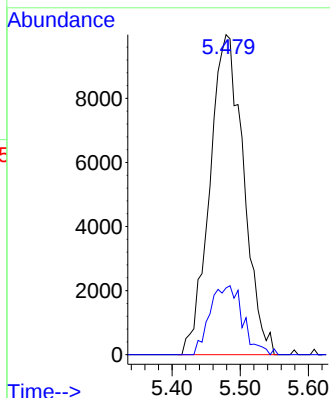
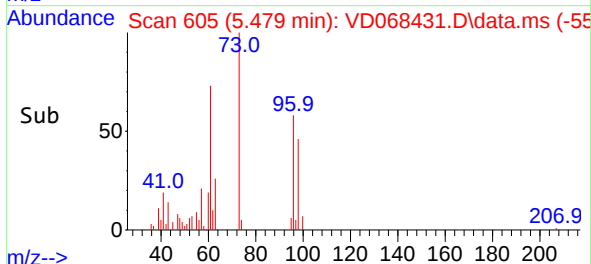
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



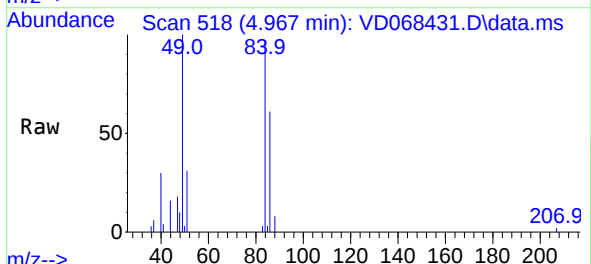
Tgt Ion: 73 Resp: 34410
Ion Ratio Lower Upper
73 100
57 20.9 14.4 21.6

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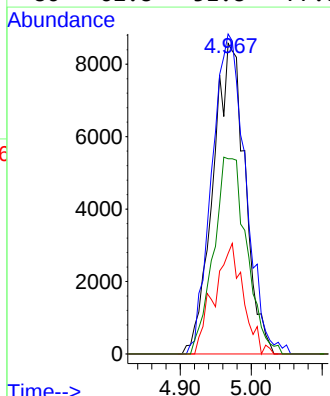
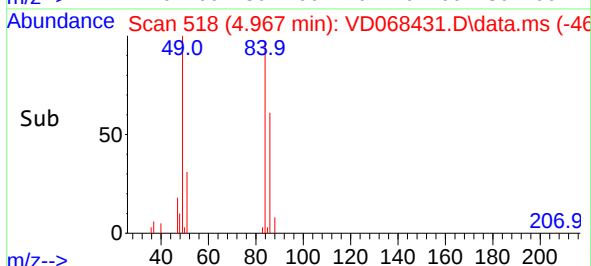
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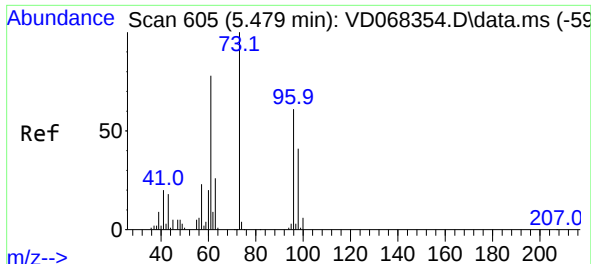


#20
Methylene Chloride
Concen: 6.64 ug/l
RT: 4.967 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD068431.D
Acq: 24 Feb 2021 12:22



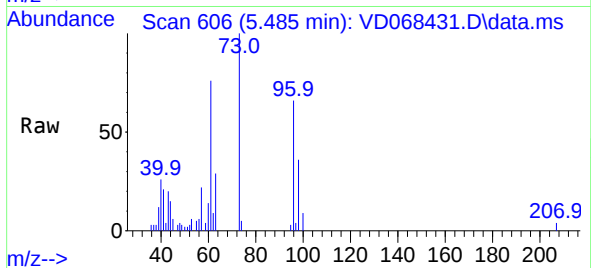
Tgt Ion: 84 Resp: 26878
Ion Ratio Lower Upper
84 100
49 103.0 77.4 116.2
51 32.4 26.1 39.1
86 62.8 51.8 77.8





#21
trans-1,2-Dichloroethene
Concen: 5.46 ug/l
RT: 5.485 min Scan# 606
Delta R.T. 0.006 min
Lab File: VD068431.D
Acq: 24 Feb 2021 12:22

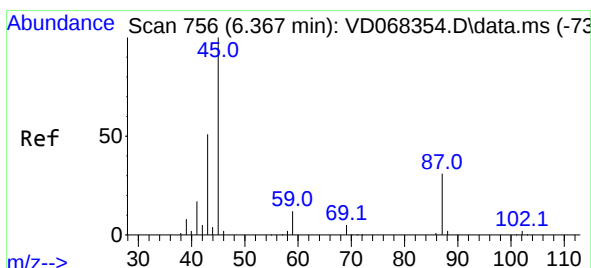
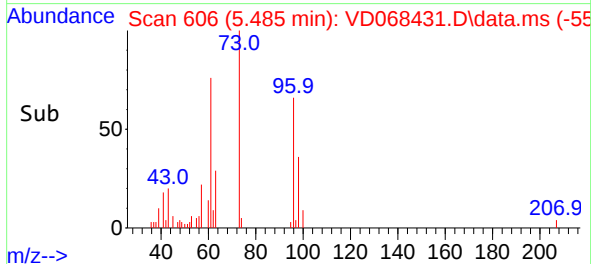
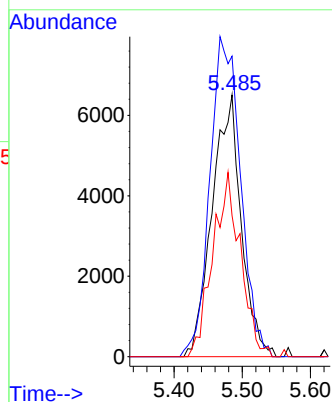
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



Tgt Ion: 96 Resp: 19370
Ion Ratio Lower Upper
96 100
61 114.8 96.7 145.1
98 53.9 47.6 71.4

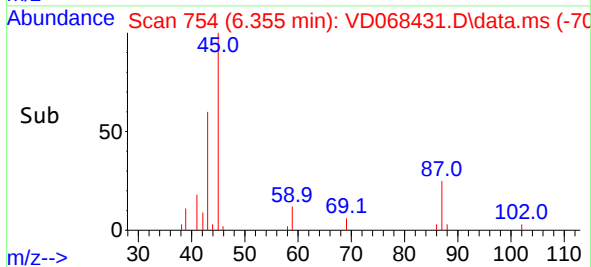
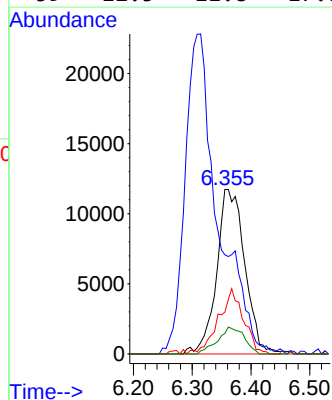
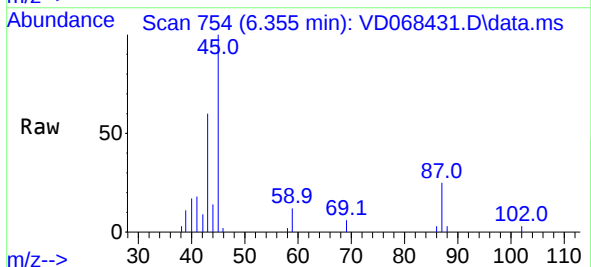
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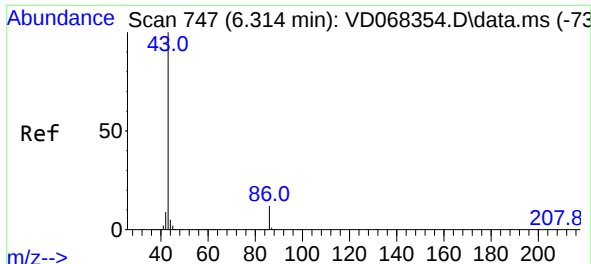
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#22
Diisopropyl ether
Concen: 4.42 ug/l
RT: 6.355 min Scan# 754
Delta R.T. -0.012 min
Lab File: VD068431.D
Acq: 24 Feb 2021 12:22

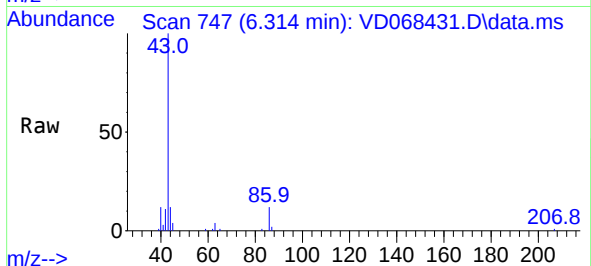
Tgt Ion: 45 Resp: 39015
Ion Ratio Lower Upper
45 100
43 57.2 43.9 65.9
87 25.3 29.9 44.9#
59 12.5 11.8 17.8





#23
 Vinyl Acetate
 Concen: 19.48 ug/l
 RT: 6.314 min Scan# 747
 Delta R.T. -0.000 min
 Lab File: VD068431.D
 Acq: 24 Feb 2021 12:22

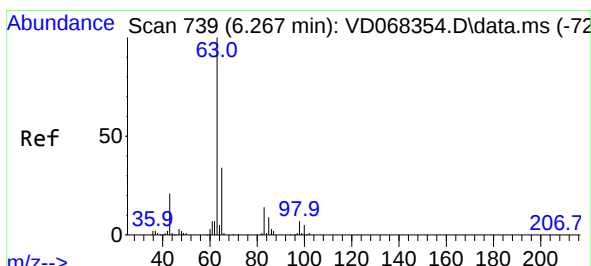
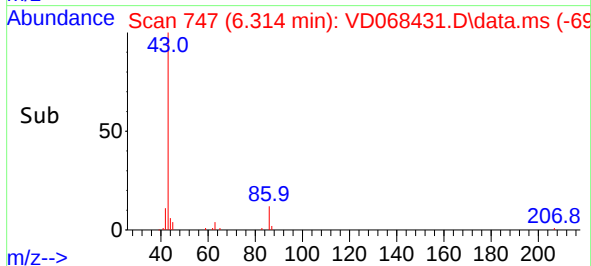
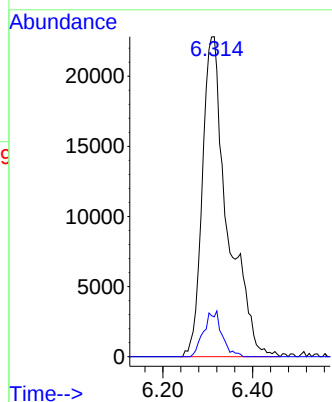
Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2021



Tgt Ion: 43 Resp: 88772
 Ion Ratio Lower Upper
 43 100
 86 12.4 10.8 16.2

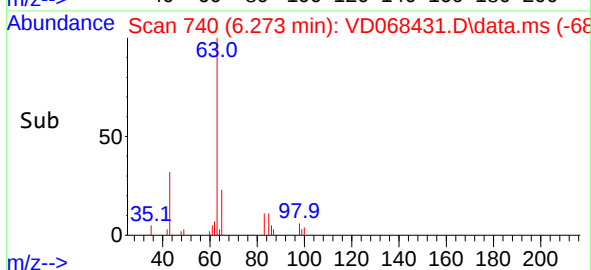
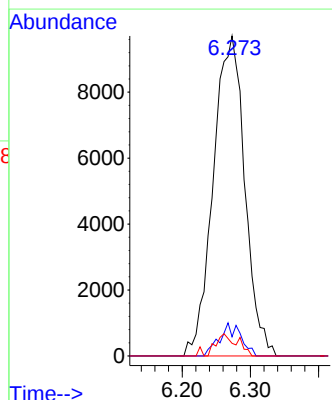
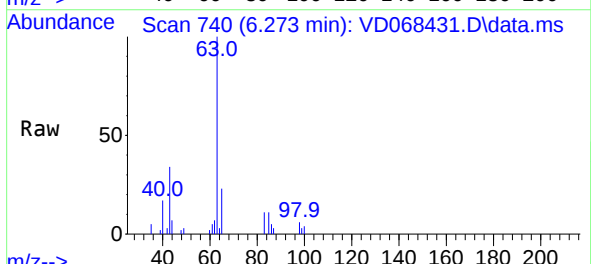
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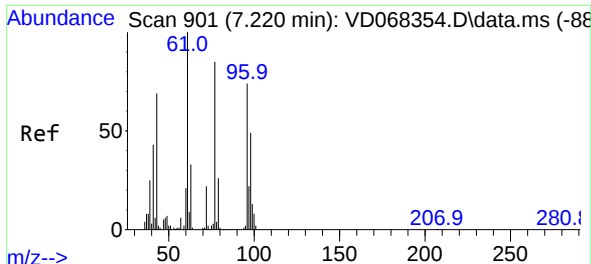
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#24
 1,1-Dichloroethane
 Concen: 5.17 ug/l
 RT: 6.273 min Scan# 740
 Delta R.T. 0.006 min
 Lab File: VD068431.D
 Acq: 24 Feb 2021 12:22

Tgt Ion: 63 Resp: 31238
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.8 11.4
 100 4.0 2.6 8.0





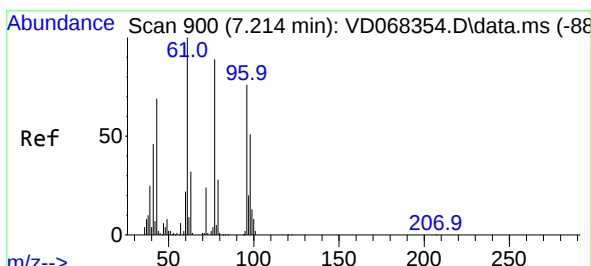
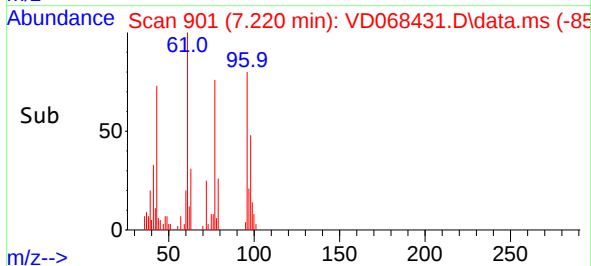
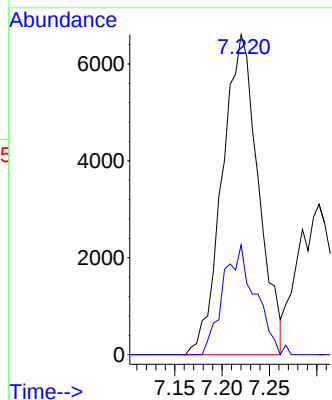
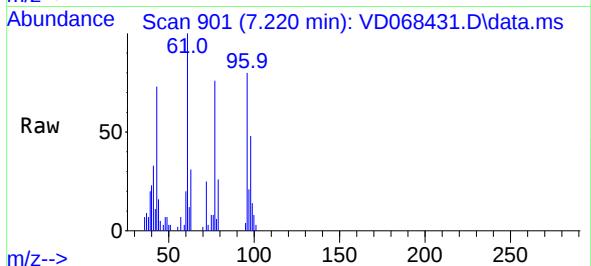
#25
2-Butanone
Concen: 24.54 ug/l
RT: 7.220 min Scan# 901
Delta R.T. -0.000 min
Lab File: VD068431.D
Acq: 24 Feb 2021 12:22

Tgt Ion: 43 Resp: 17455
Ion Ratio Lower Upper
43 100
72 34.3 25.1 37.7

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

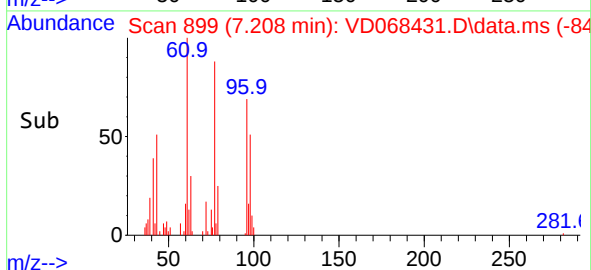
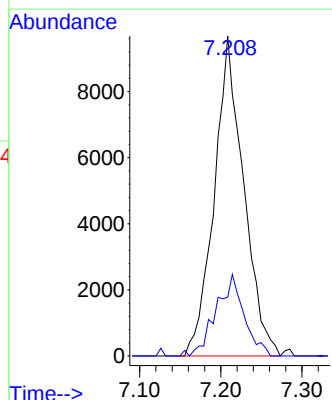
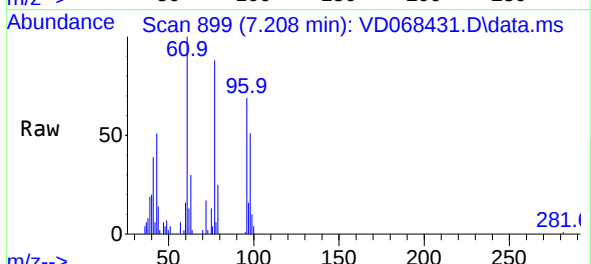
Manual Integrations
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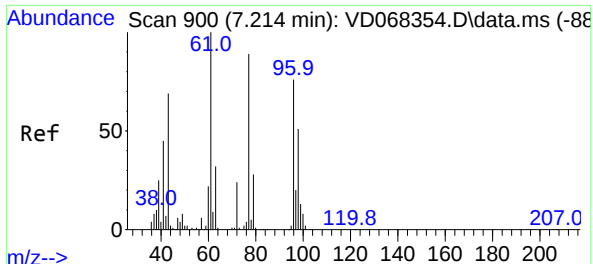
MMDadoda
2/25/2021 12:16:48 PM



#26
2,2-Dichloropropane
Concen: 4.71 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD068431.D
Acq: 24 Feb 2021 12:22

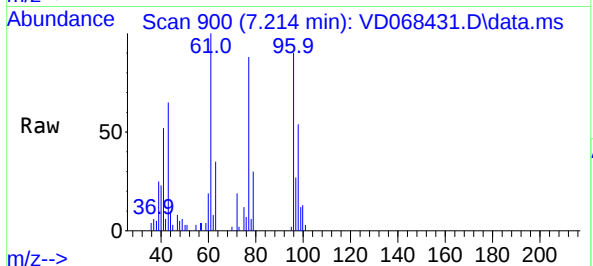
Tgt Ion: 77 Resp: 24330
Ion Ratio Lower Upper
77 100
97 24.3 11.7 35.1





#27
cis-1,2-Dichloroethene
Concen: 4.85 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.000 min
Lab File: VD068431.D
Acq: 24 Feb 2021 12:22

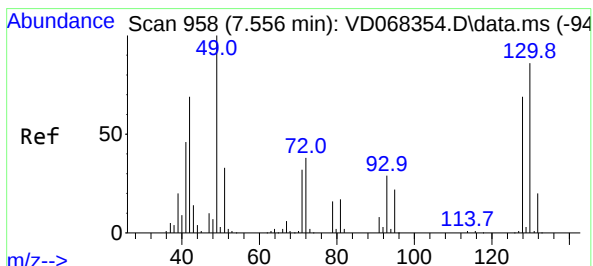
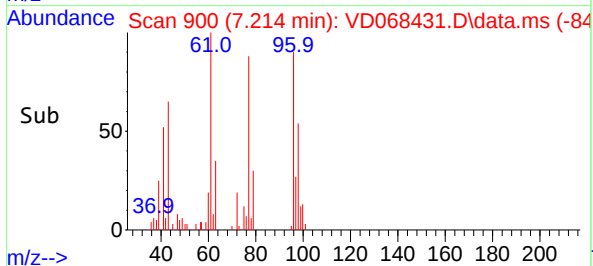
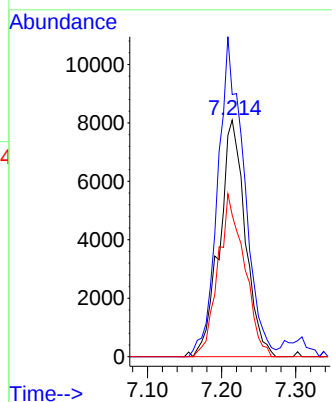
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



Tgt Ion:	96	Resp:	19551
Ion	Ratio	Lower	Upper
96	100		
61	138.1	0.0	257.4
98	70.3	0.0	126.6

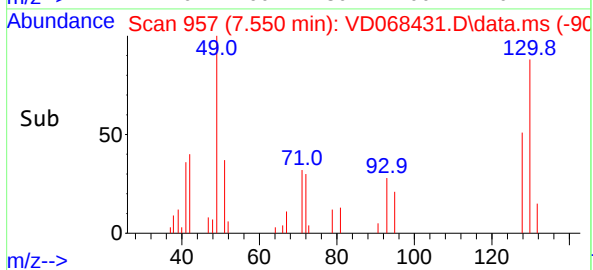
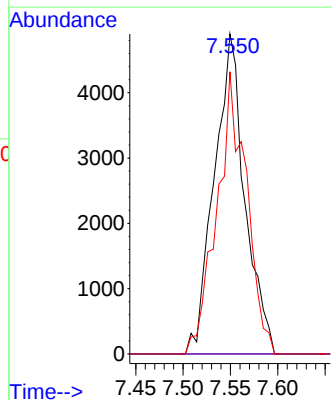
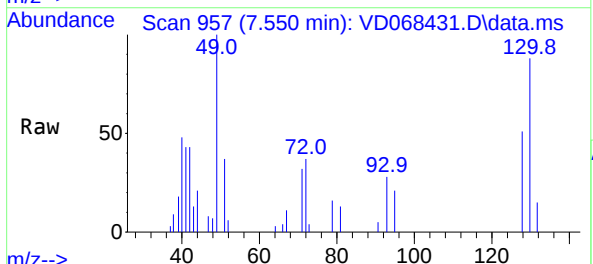
Manual Integrations
APPROVED

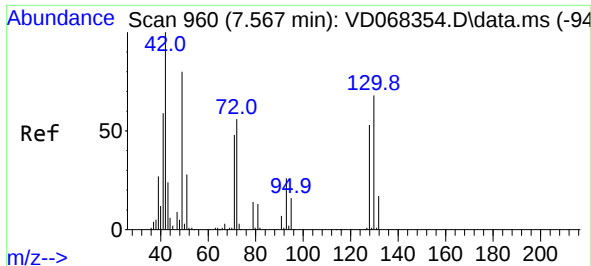
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2/25/2021 12:16:48 PM



#28
Bromochloromethane
Concen: 4.39 ug/l
RT: 7.550 min Scan# 957
Delta R.T. -0.006 min
Lab File: VD068431.D
Acq: 24 Feb 2021 12:22

Tgt Ion:	49	Resp:	11000
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.8
130	85.3	85.5	128.3#





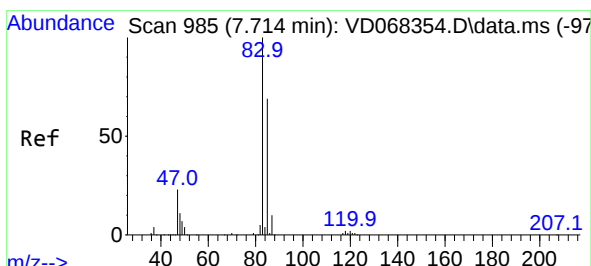
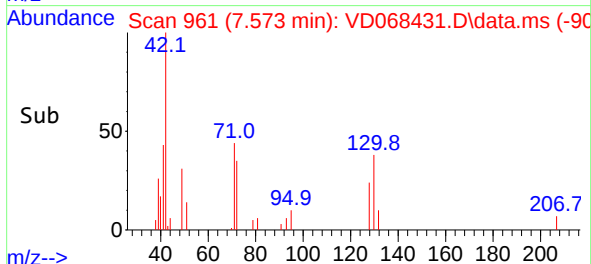
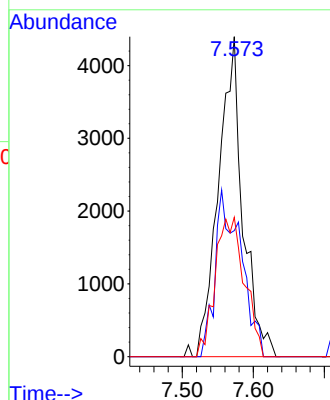
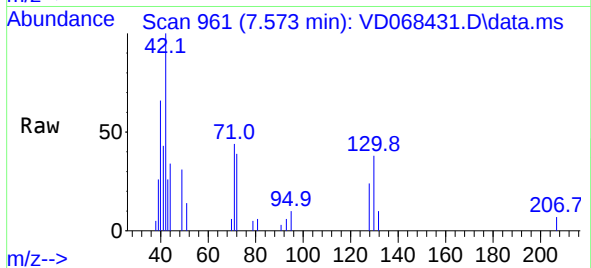
#29
Tetrahydrofuran
Concen: 22.76 ug/l
RT: 7.573 min Scan# 961
Delta R.T. 0.006 min
Lab File: VD068431.D
Acq: 24 Feb 2021 12:22

Tgt Ion:	42	Resp:	10468
Ion	Ratio	Lower	Upper
42	100		
72	55.4	43.4	65.0
71	52.4	40.8	61.2

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

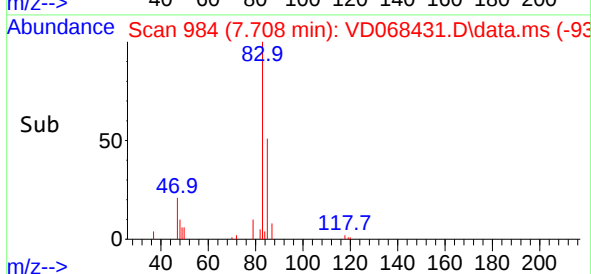
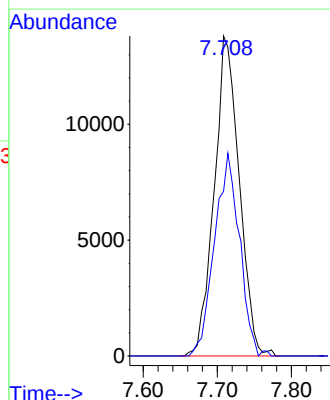
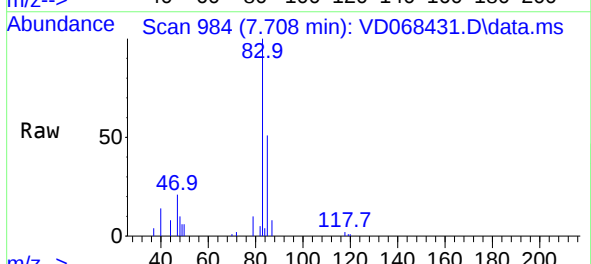
Manual Integrations
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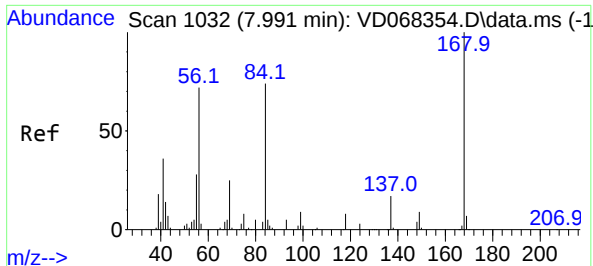
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#30
Chloroform
Concen: 5.15 ug/l
RT: 7.708 min Scan# 984
Delta R.T. -0.006 min
Lab File: VD068431.D
Acq: 24 Feb 2021 12:22

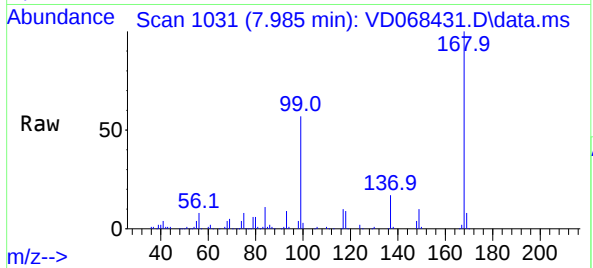
Tgt Ion:	83	Resp:	32360
Ion	Ratio	Lower	Upper
83	100		
85	51.5	53.4	80.0#





#31
Cyclohexane
Concen: 5.57 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD068431.D
Acq: 24 Feb 2021 12:22

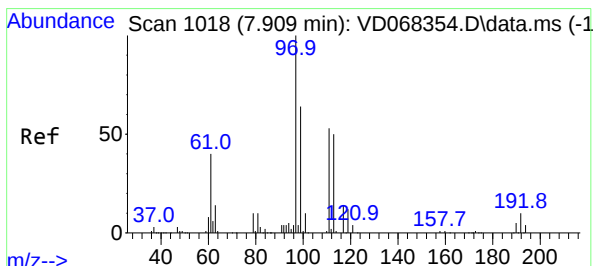
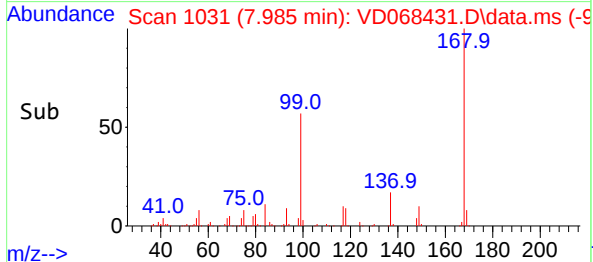
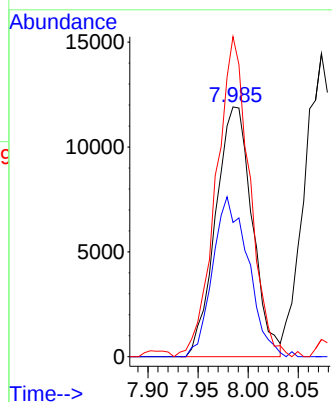
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



Tgt Ion: 56 Resp: 30252
Ion Ratio Lower Upper
56 100
69 53.7 30.1 45.1#
84 126.3 82.1 123.1#

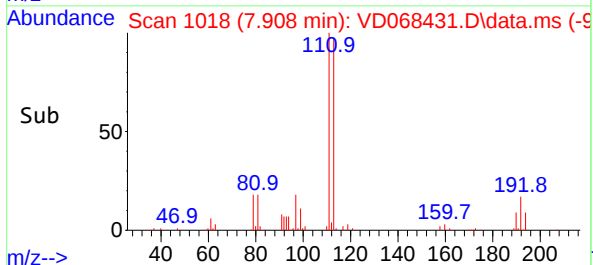
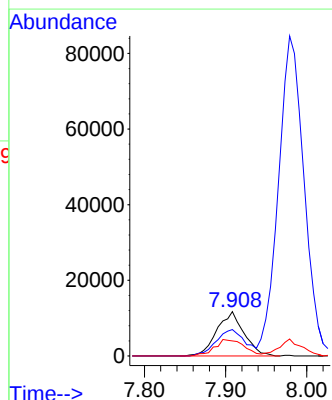
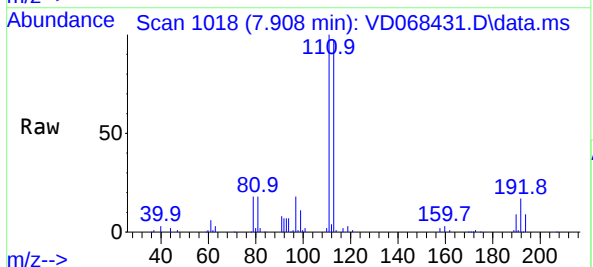
Manual Integrations
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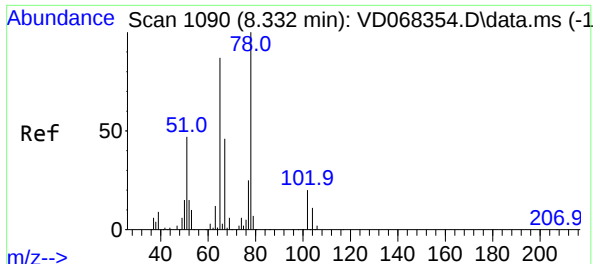
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 5.01 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD068431.D
Acq: 24 Feb 2021 12:22

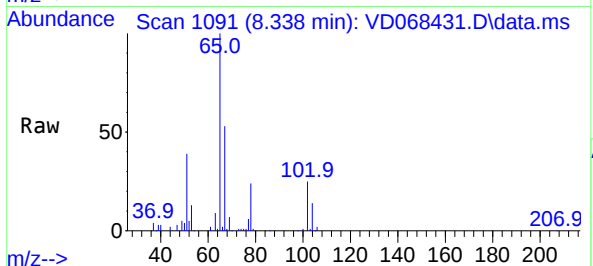
Tgt Ion: 97 Resp: 27169
Ion Ratio Lower Upper
97 100
99 64.0 52.1 78.1
61 40.4 30.1 45.1





#33
1,2-Dichloroethane-d4
Concen: 52.90 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VD068431.D
Acq: 24 Feb 2021 12:22

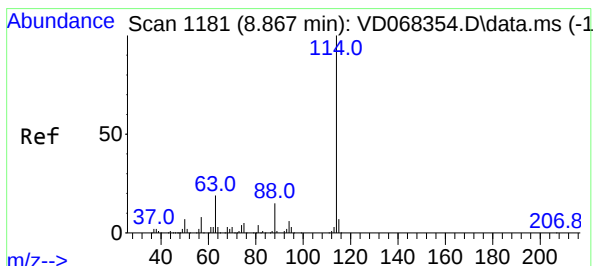
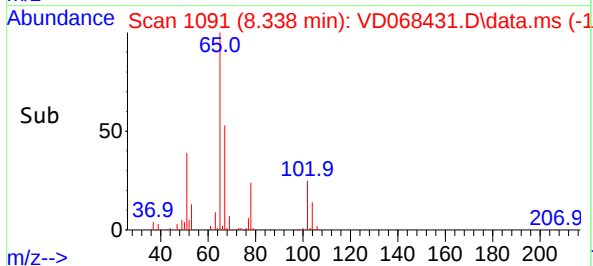
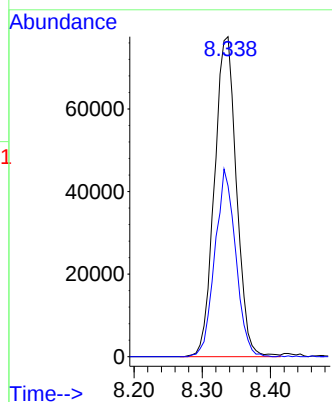
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



Tgt Ion: 65 Resp: 174411
Ion Ratio Lower Upper
65 100
67 55.3 0.0 105.0

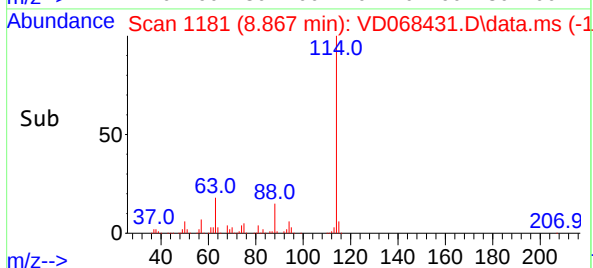
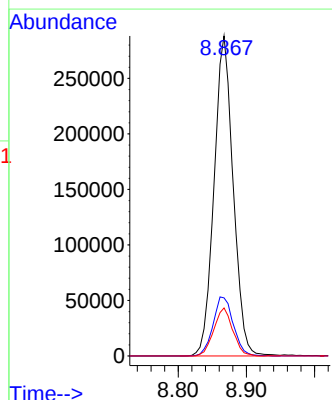
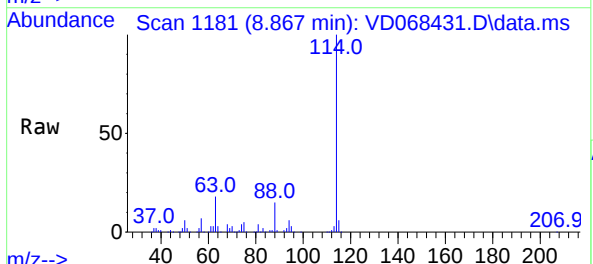
Manual Integrations
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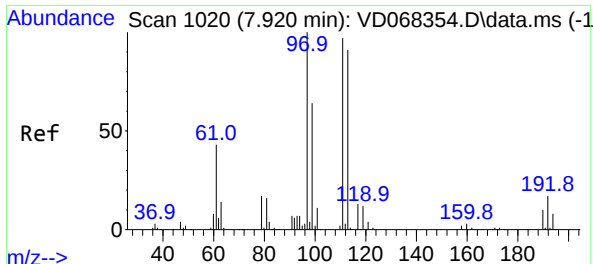
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#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068431.D
Acq: 24 Feb 2021 12:22

Tgt Ion: 114 Resp: 562704
Ion Ratio Lower Upper
114 100
63 18.2 0.0 34.8
88 15.0 0.0 31.6





#35

Dibromofluoromethane

Concen: 52.64 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. -0.000 min

Lab File: VD068431.D

Acq: 24 Feb 2021 12:22

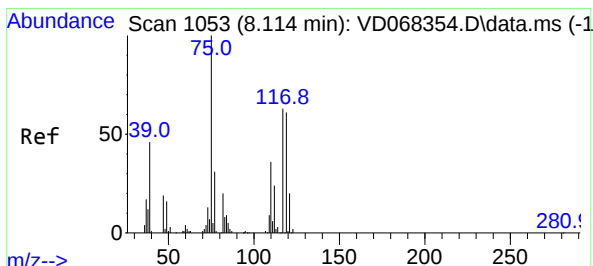
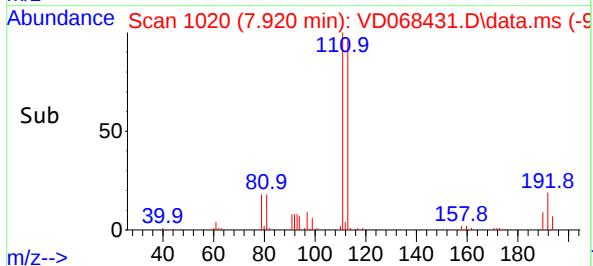
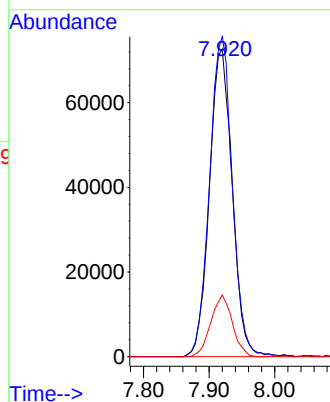
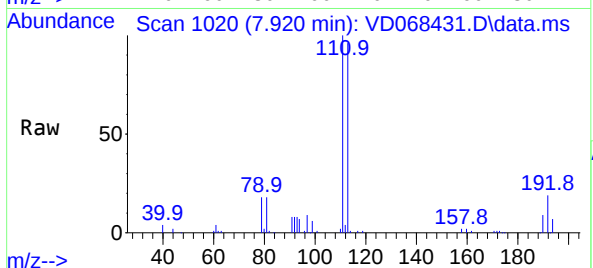
Tgt Ion: 113 Resp: 175817

Ion Ratio Lower Upper

113 100

111 103.5 81.4 122.0

192 18.8 16.1 24.1



#36

1,1-Dichloropropene

Concen: 5.00 ug/l

RT: 8.114 min Scan# 1053

Delta R.T. -0.000 min

Lab File: VD068431.D

Acq: 24 Feb 2021 12:22

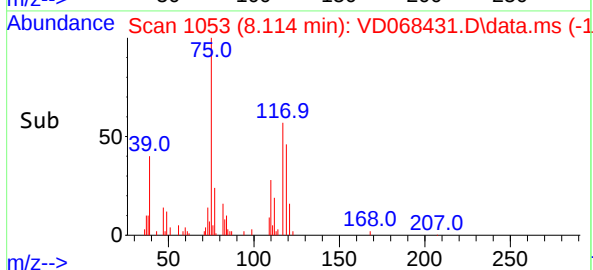
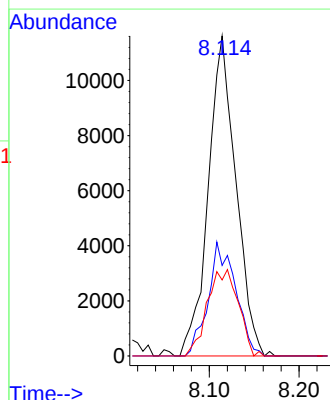
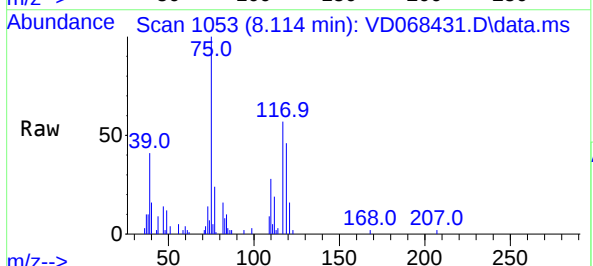
Tgt Ion: 75 Resp: 24910

Ion Ratio Lower Upper

75 100

110 35.6 19.4 58.2

77 30.3 25.3 37.9



Instrument :

MSVOA_D

ClientSampleId :

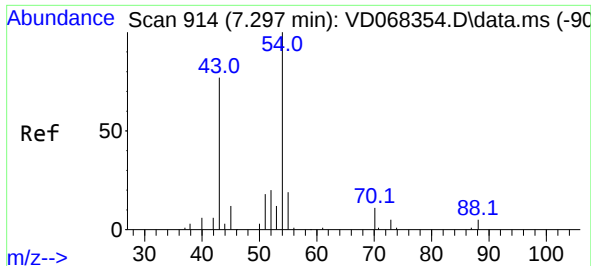
LOD-MDL-SOIL-01-QT1-2021

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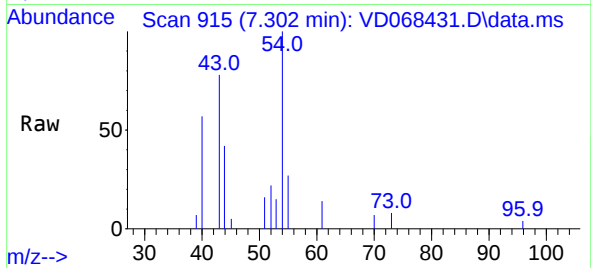
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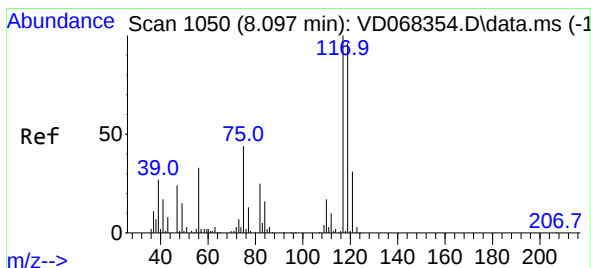
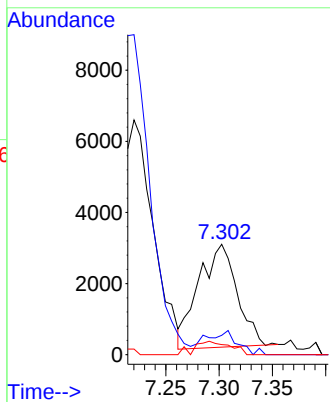
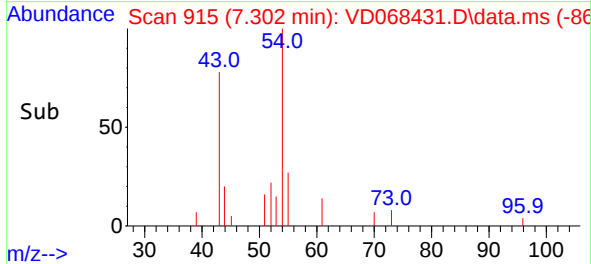
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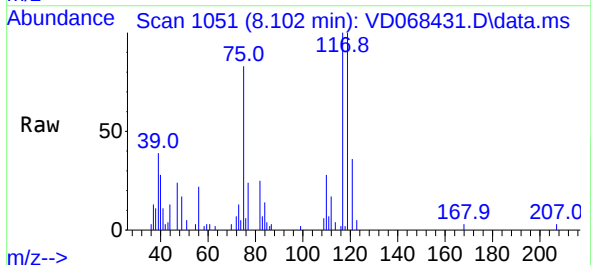
#37
Ethyl Acetate
Concen: 4.34 ug/l
RT: 7.302 min Scan# 915
Delta R.T. 0.006 min
Lab File: VD068431.D
Acq: 24 Feb 2021 12:22



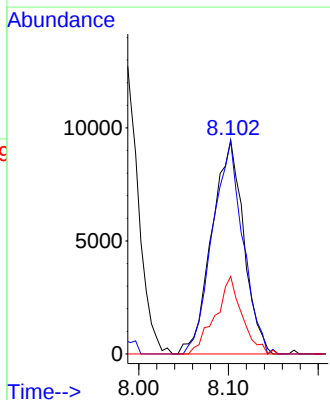
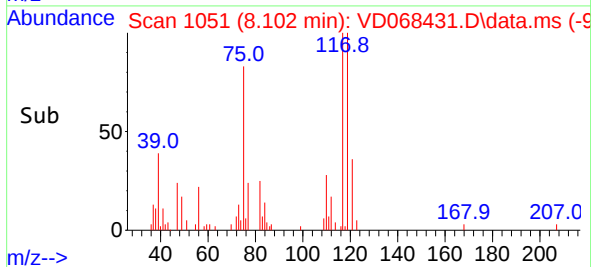
Tgt Ion: 43 Resp: 7298
Ion Ratio Lower Upper
43 100
61 19.5 12.9 19.3#
70 12.1 11.0 16.6



#38
Carbon Tetrachloride
Concen: 4.91 ug/l
RT: 8.102 min Scan# 1051
Delta R.T. 0.006 min
Lab File: VD068431.D
Acq: 24 Feb 2021 12:22



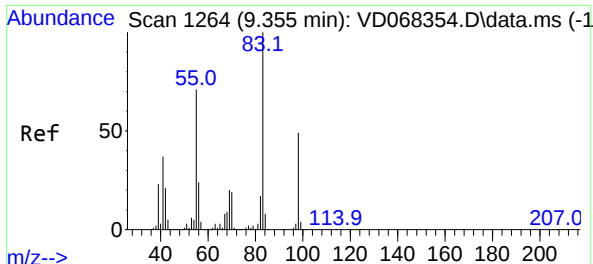
Tgt Ion: 117 Resp: 23327
Ion Ratio Lower Upper
117 100
119 99.5 77.3 115.9
121 36.2 24.7 37.1



Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

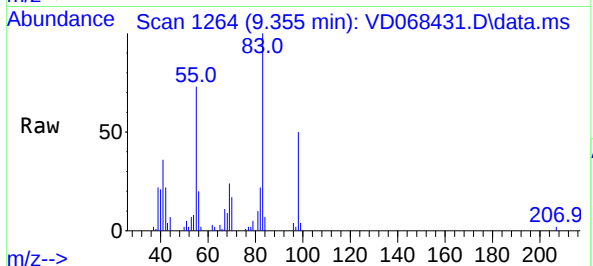
Manual Integrations
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#39
Methylcyclohexane
Concen: 4.97 ug/l
RT: 9.355 min Scan# 1264
Delta R.T. -0.000 min
Lab File: VD068431.D
Acq: 24 Feb 2021 12:22

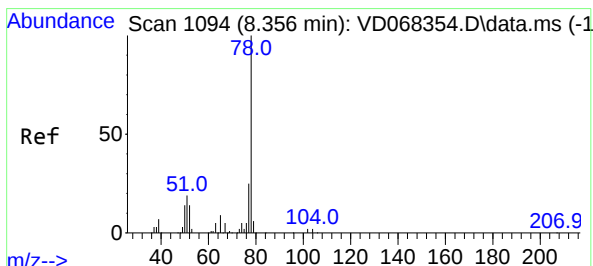
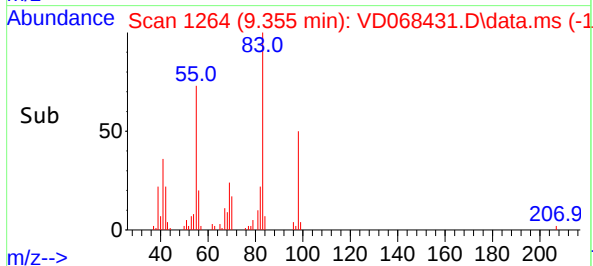
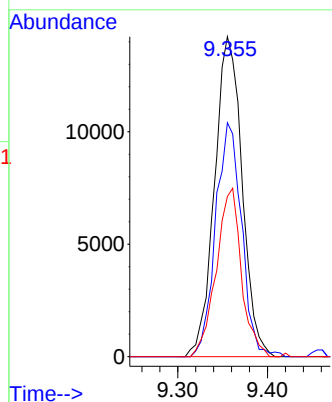
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



Tgt Ion: 83 Resp: 30327
Ion Ratio Lower Upper
83 100
55 73.1 55.2 82.8
98 50.1 39.1 58.7

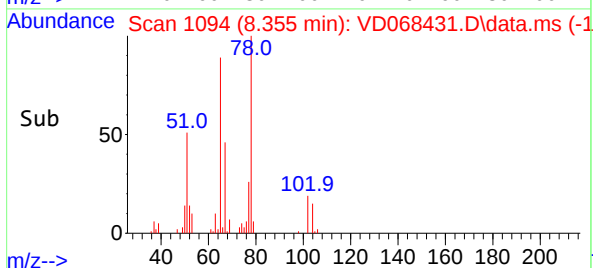
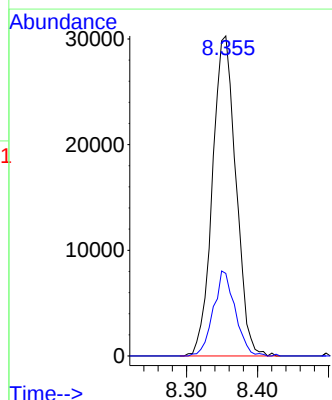
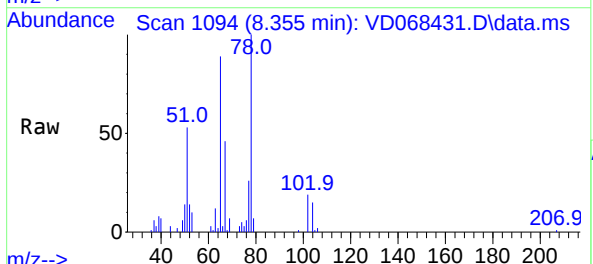
Manual Integrations
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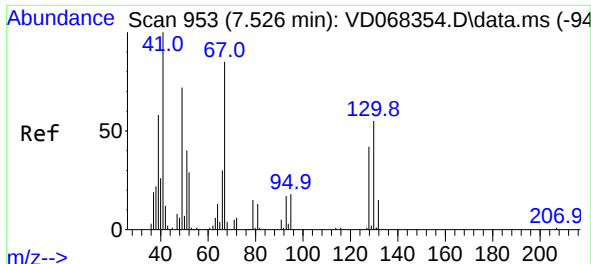
MMDadoda
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#40
Benzene
Concen: 4.90 ug/l
RT: 8.355 min Scan# 1094
Delta R.T. -0.000 min
Lab File: VD068431.D
Acq: 24 Feb 2021 12:22

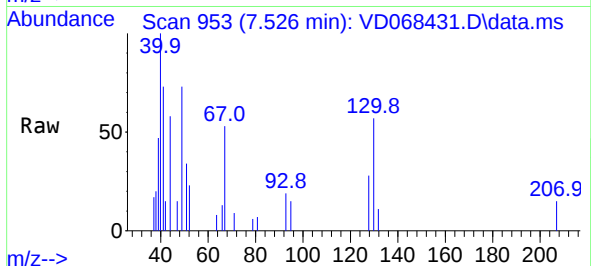
Tgt Ion: 78 Resp: 69521
Ion Ratio Lower Upper
78 100
77 25.8 17.8 26.6





#41
Methacrylonitrile
Concen: 3.49 ug/l
RT: 7.526 min Scan# 953
Delta R.T. 0.000 min
Lab File: VD068431.D
Acq: 24 Feb 2021 12:22

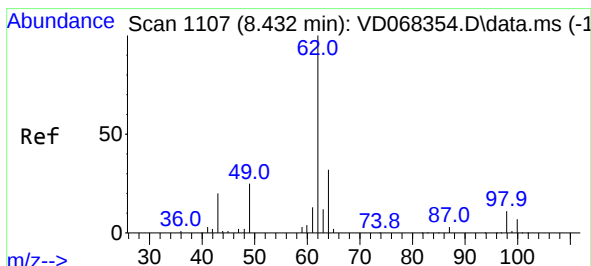
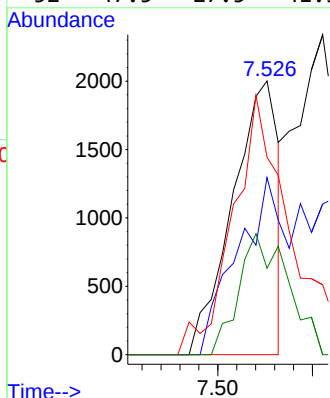
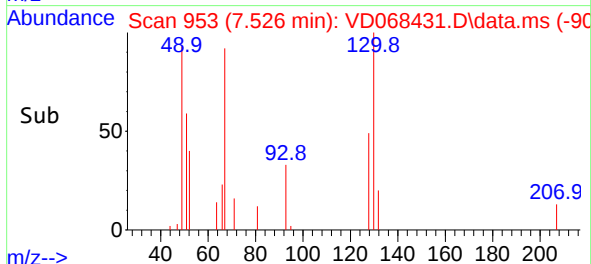
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



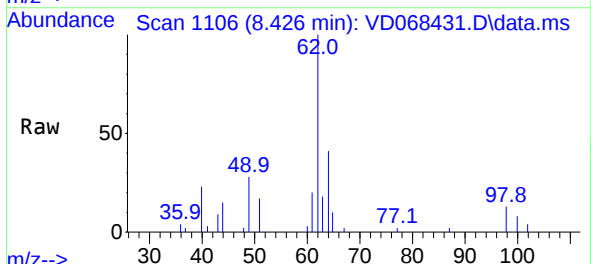
Tgt Ion: 41 Resp: 3377
Ion Ratio Lower Upper
41 100
39 66.8 45.2 67.8
67 115.9 67.4 101.2#
52 47.5 27.5 41.3#

Manual Integrations
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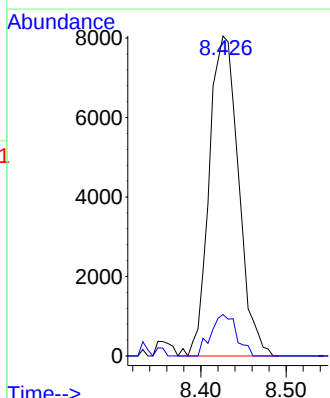
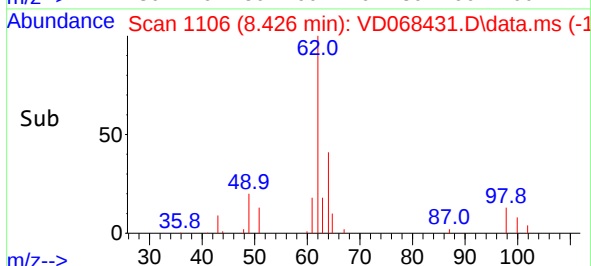
MMDadoda
2/25/2021 12:16:48 PM

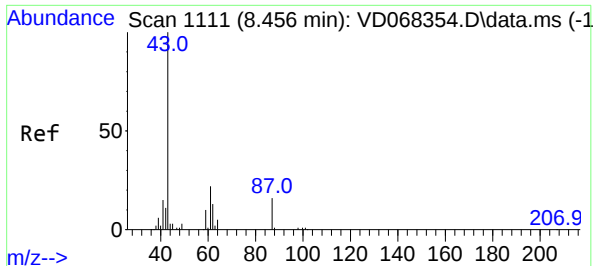


#42
1,2-Dichloroethane
Concen: 5.08 ug/l
RT: 8.426 min Scan# 1106
Delta R.T. -0.006 min
Lab File: VD068431.D
Acq: 24 Feb 2021 12:22



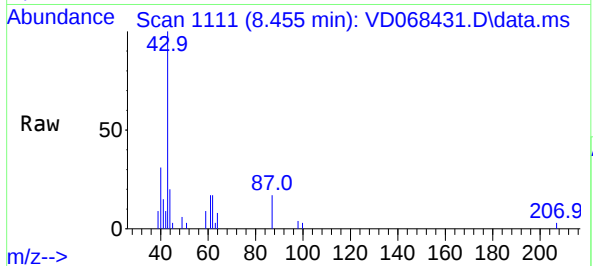
Tgt Ion: 62 Resp: 19249
Ion Ratio Lower Upper
62 100
98 11.3 0.0 21.8





#43
Isopropyl Acetate
Concen: 4.62 ug/l
RT: 8.455 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VD068431.D
Acq: 24 Feb 2021 12:22

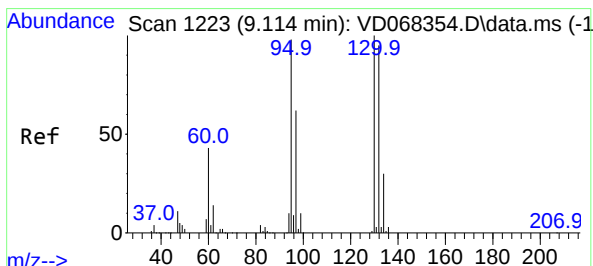
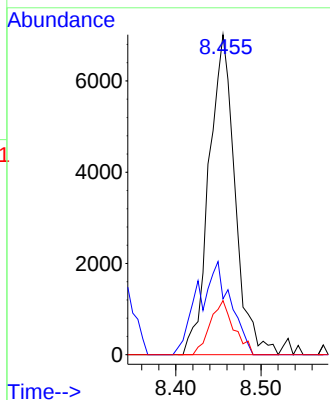
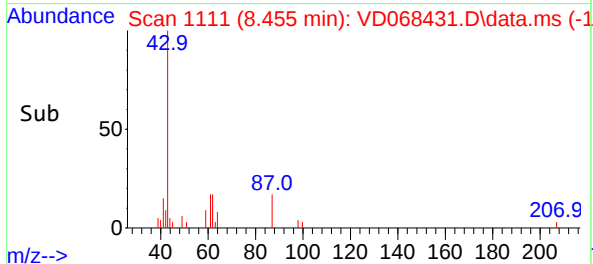
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



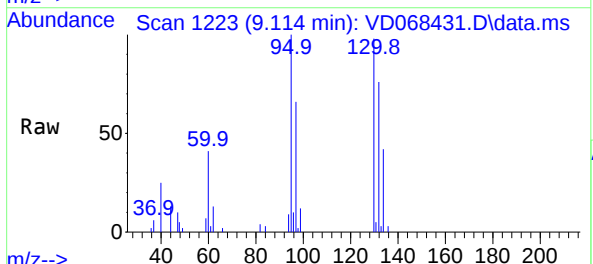
Tgt Ion: 43 Resp: 14892
Ion Ratio Lower Upper
43 100
61 24.8 28.7 43.1#
87 15.4 13.9 20.9

Manual Integrations
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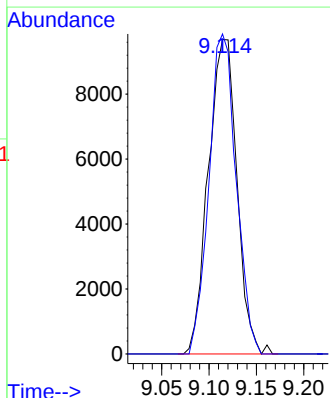
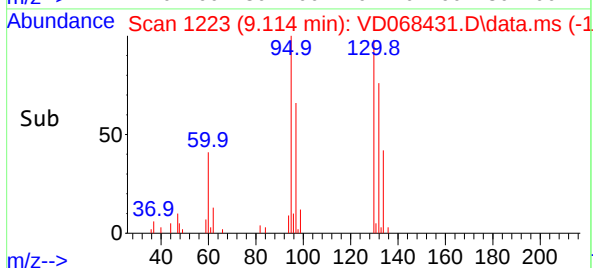
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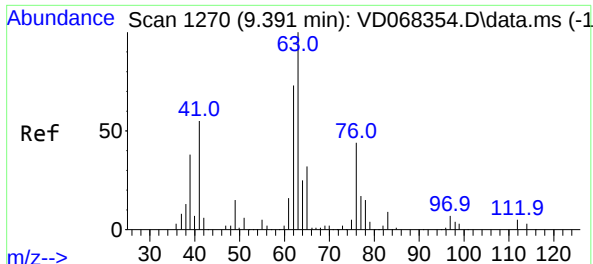


#44
Trichloroethene
Concen: 5.27 ug/l
RT: 9.114 min Scan# 1223
Delta R.T. -0.000 min
Lab File: VD068431.D
Acq: 24 Feb 2021 12:22



Tgt Ion: 130 Resp: 20360
Ion Ratio Lower Upper
130 100
95 101.8 0.0 191.2





#45

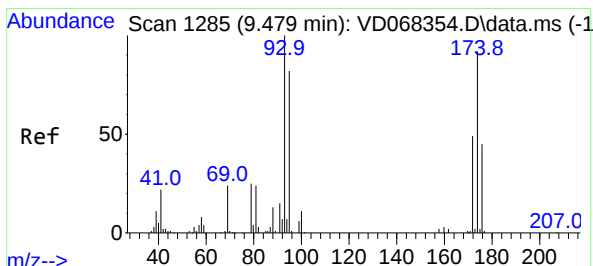
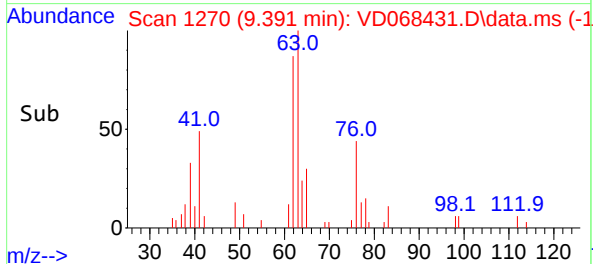
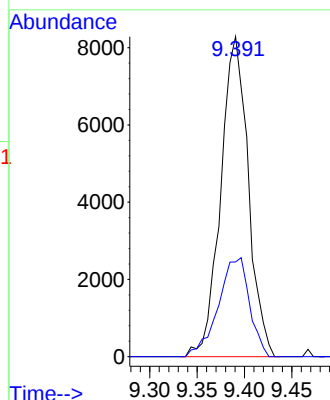
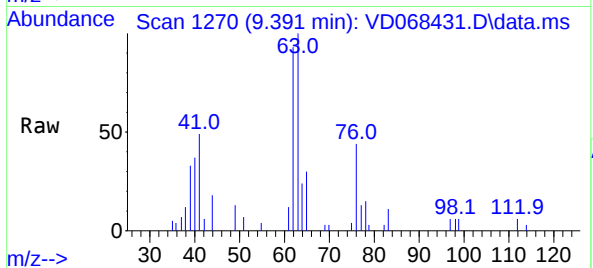
1,2-Dichloropropane
Concen: 4.83 ug/l
RT: 9.391 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VD068431.D
Acq: 24 Feb 2021 12:22

Tgt Ion: 63 Resp: 16744
Ion Ratio Lower Upper
63 100
65 29.6 26.6 40.0

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

Manual Integrations
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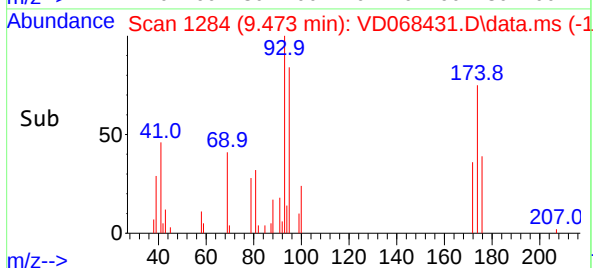
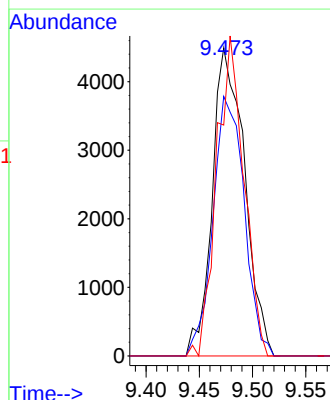
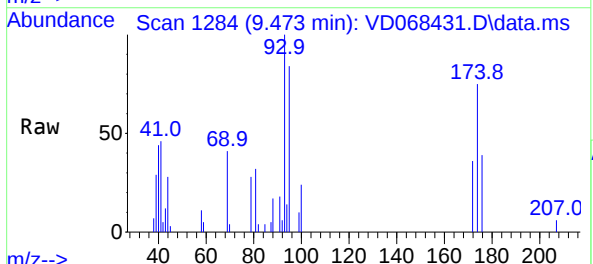
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2/25/2021 12:16:48 PM

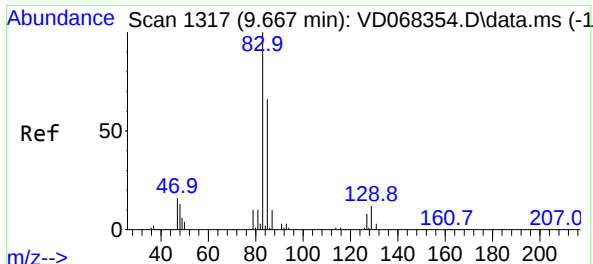


#46

Dibromomethane
Concen: 5.03 ug/l
RT: 9.473 min Scan# 1284
Delta R.T. -0.006 min
Lab File: VD068431.D
Acq: 24 Feb 2021 12:22

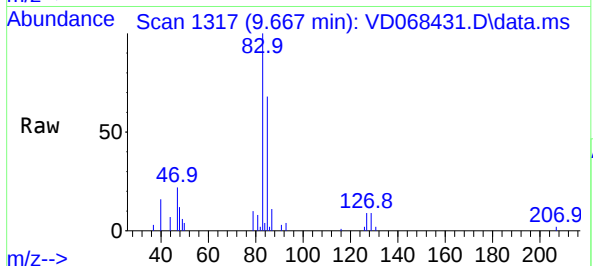
Tgt Ion: 93 Resp: 9446
Ion Ratio Lower Upper
93 100
95 81.7 67.3 100.9
174 87.9 84.6 127.0





#47
Bromodichloromethane
Concen: 4.78 ug/l
RT: 9.667 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VD068431.D
Acq: 24 Feb 2021 12:22

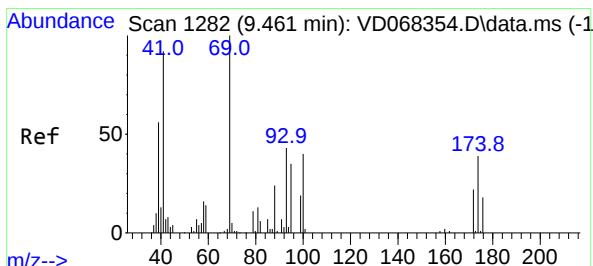
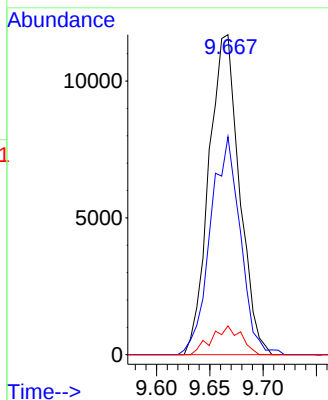
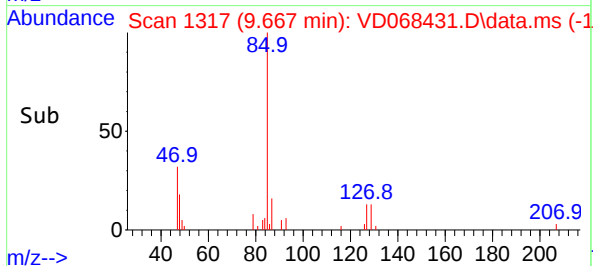
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



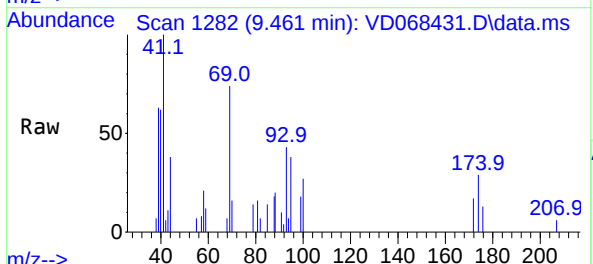
Tgt Ion: 83 Resp: 23314
Ion Ratio Lower Upper
83 100
85 68.1 51.6 77.4
127 9.0 7.4 11.0

Manual Integrations
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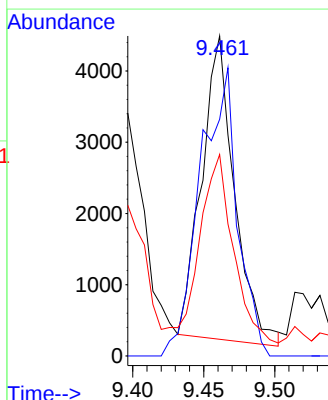
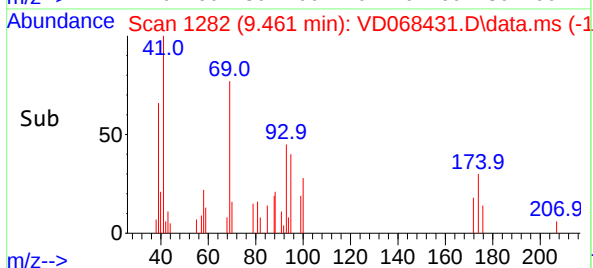
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2/25/2021 12:16:48 PM

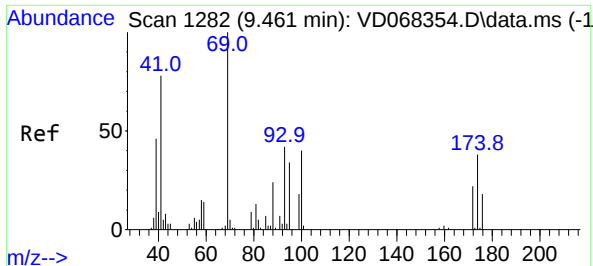


#48
Methyl methacrylate
Concen: 4.25 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. -0.000 min
Lab File: VD068431.D
Acq: 24 Feb 2021 12:22



Tgt Ion: 41 Resp: 6839
Ion Ratio Lower Upper
41 100
69 108.2 77.1 115.7
39 62.1 41.5 62.3





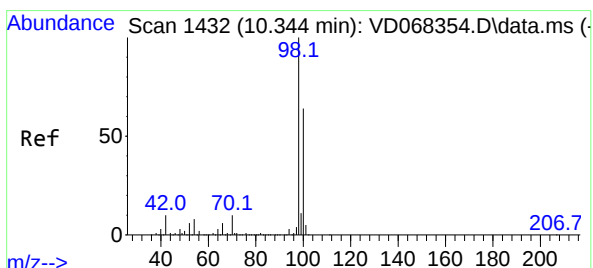
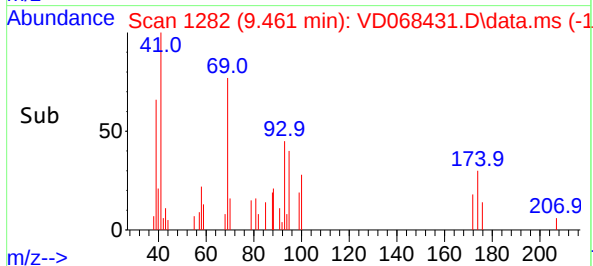
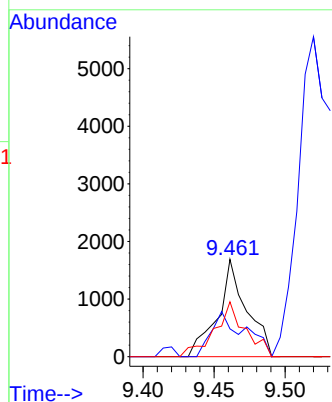
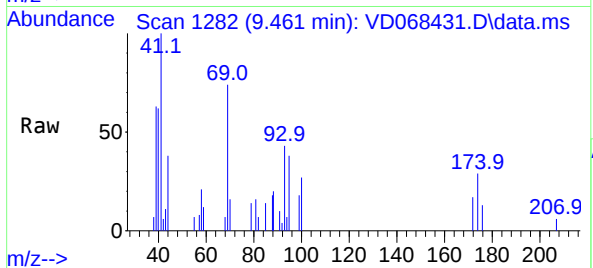
#49
1,4-Dioxane
Concen: 108.29 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. -0.000 min
Lab File: VD068431.D
Acq: 24 Feb 2021 12:22

Tgt Ion: 88 Resp: 2378
Ion Ratio Lower Upper
88 100
43 54.0 22.1 33.1#
58 59.6 46.7 70.1

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

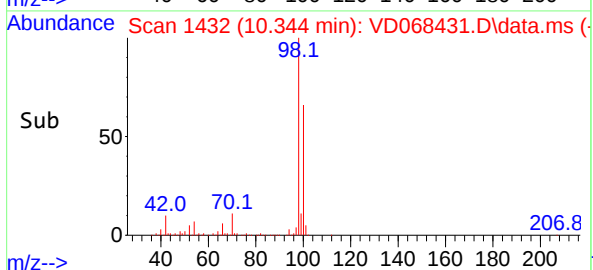
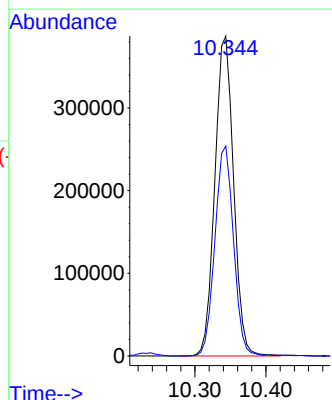
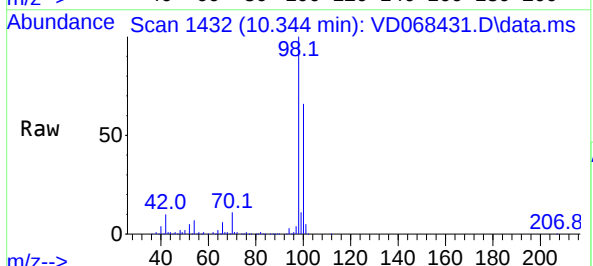
Manual Integrations
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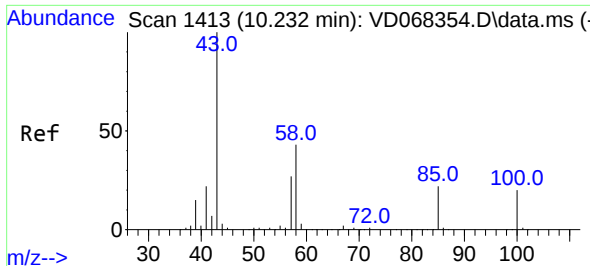
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#50
Toluene-d8
Concen: 51.06 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068431.D
Acq: 24 Feb 2021 12:22

Tgt Ion: 98 Resp: 706904
Ion Ratio Lower Upper
98 100
100 65.4 53.0 79.4





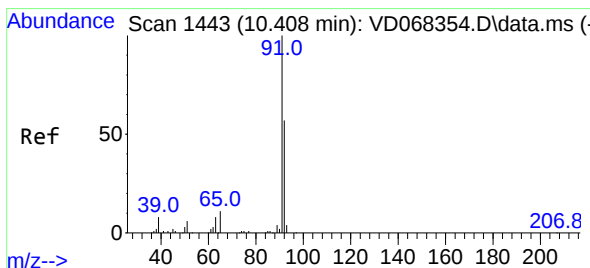
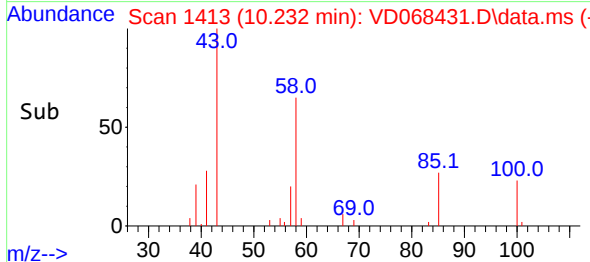
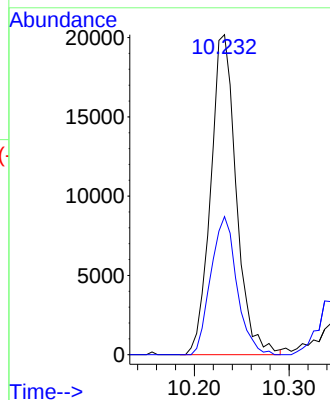
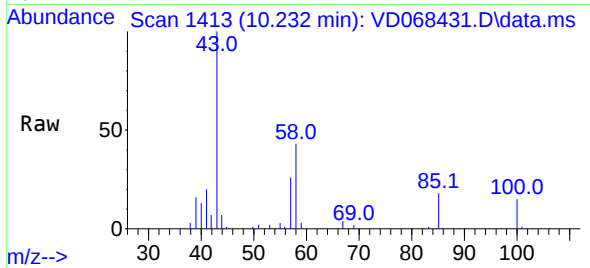
#51
4-Methyl-2-Pentanone
Concen: 22.91 ug/l
RT: 10.232 min Scan# 1413
Delta R.T. -0.000 min
Lab File: VD068431.D
Acq: 24 Feb 2021 12:22

Tgt Ion: 43 Resp: 37902
Ion Ratio Lower Upper
43 100
58 43.8 36.1 54.1

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

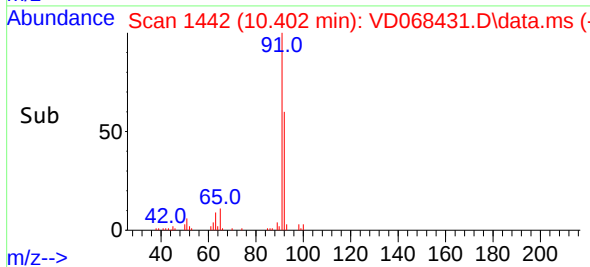
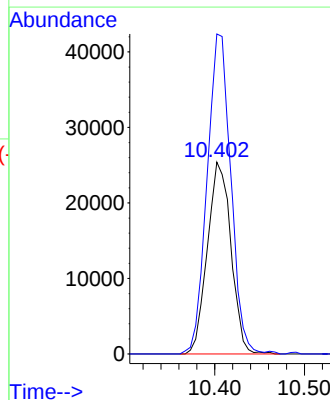
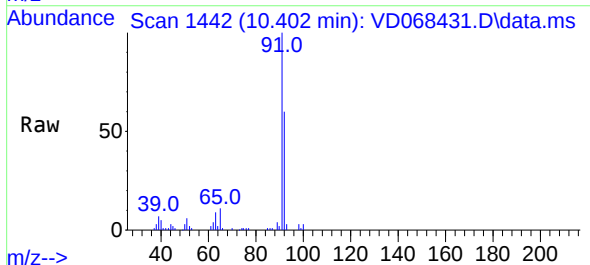
Manual Integrations
APPROVED

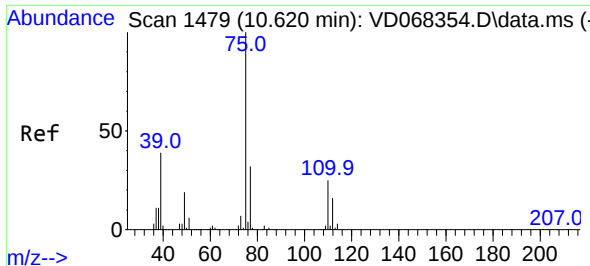
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#52
Toluene
Concen: 5.08 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. -0.006 min
Lab File: VD068431.D
Acq: 24 Feb 2021 12:22

Tgt Ion: 92 Resp: 46416
Ion Ratio Lower Upper
92 100
91 167.6 134.1 201.1





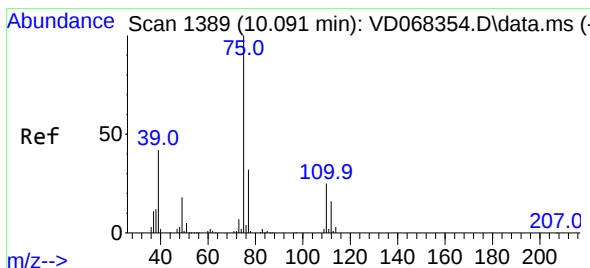
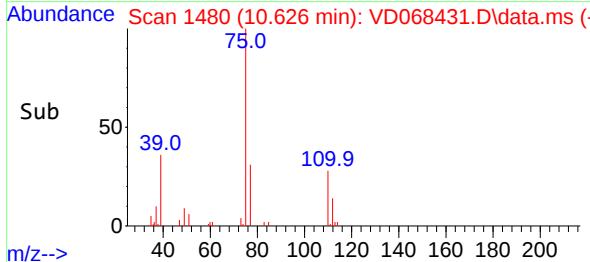
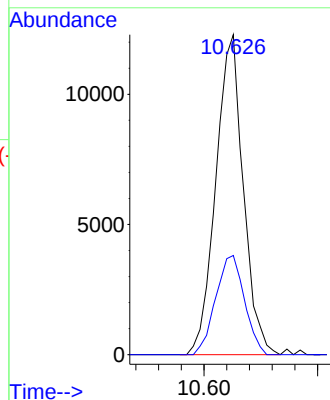
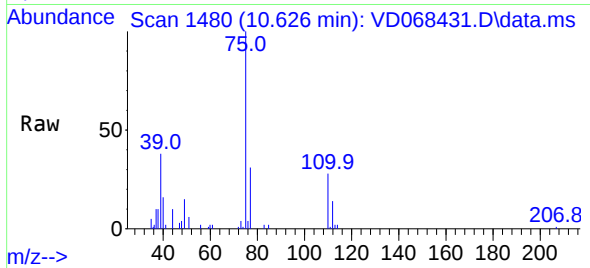
#53
t-1,3-Dichloropropene
Concen: 4.57 ug/l
RT: 10.626 min Scan# 1480
Delta R.T. 0.006 min
Lab File: VD068431.D
Acq: 24 Feb 2021 12:22

Tgt Ion: 75 Resp: 20614
Ion Ratio Lower Upper
75 100
77 31.0 25.0 37.4

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

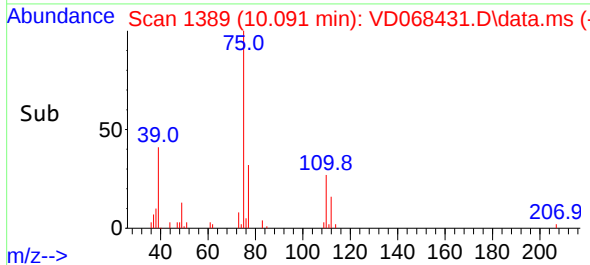
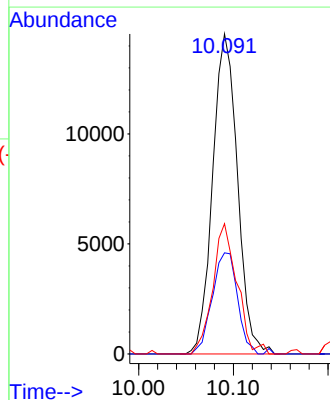
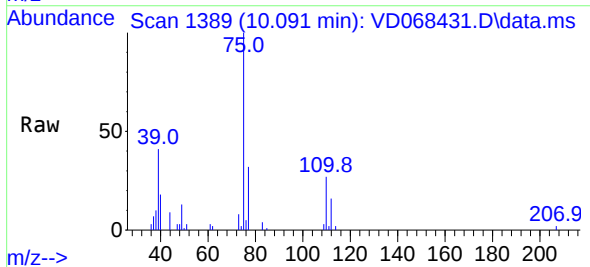
Manual Integrations
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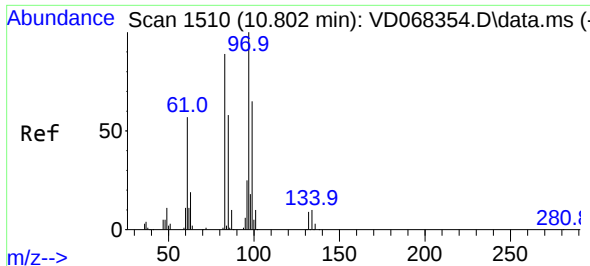
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#54
cis-1,3-Dichloropropene
Concen: 4.81 ug/l
RT: 10.091 min Scan# 1389
Delta R.T. -0.000 min
Lab File: VD068431.D
Acq: 24 Feb 2021 12:22

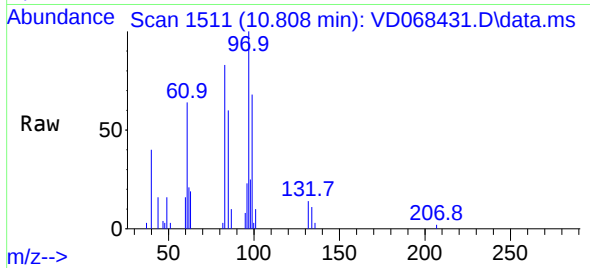
Tgt Ion: 75 Resp: 26490
Ion Ratio Lower Upper
75 100
77 31.6 24.6 37.0
39 40.7 31.4 47.0





#55
1,1,2-Trichloroethane
Concen: 4.92 ug/l
RT: 10.808 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VD068431.D
Acq: 24 Feb 2021 12:22

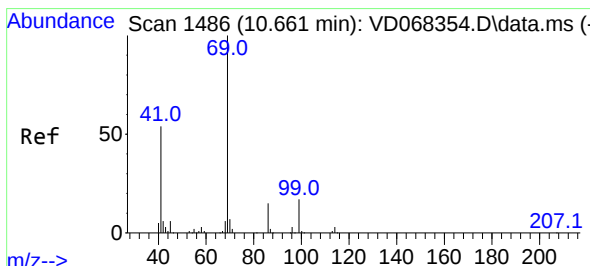
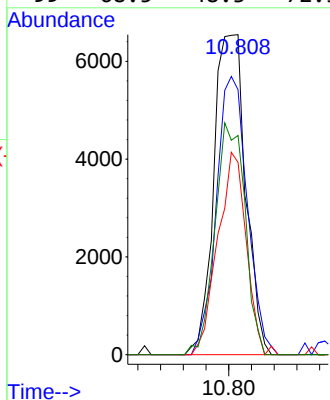
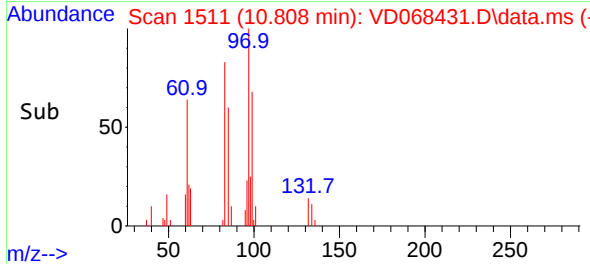
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



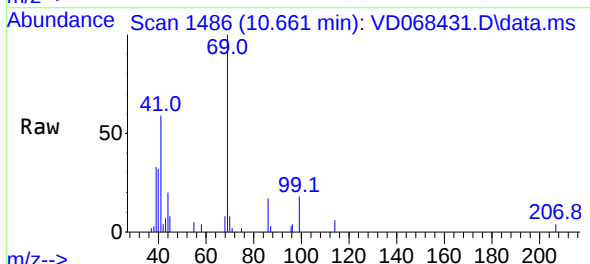
Tgt Ion: 97 Resp: 12766
Ion Ratio Lower Upper
97 100
83 82.8 61.8 92.6
85 60.1 42.2 63.2
99 68.5 48.3 72.5

Manual Integrations
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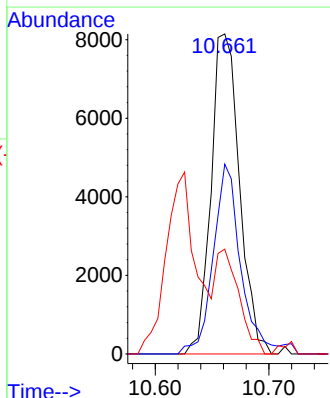
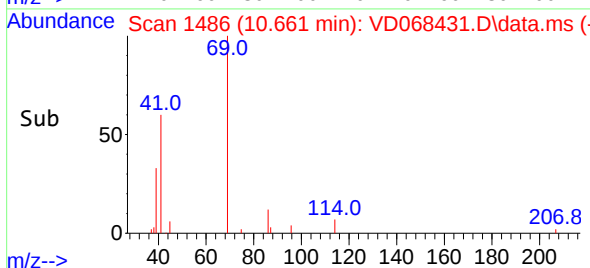
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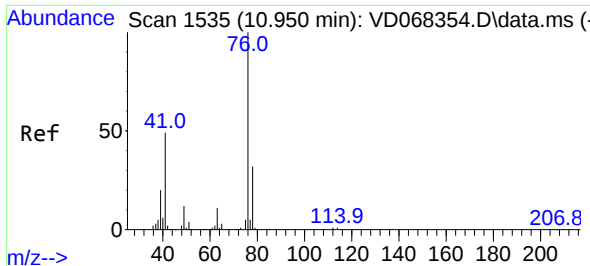


#56
Ethyl methacrylate
Concen: 4.61 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VD068431.D
Acq: 24 Feb 2021 12:22

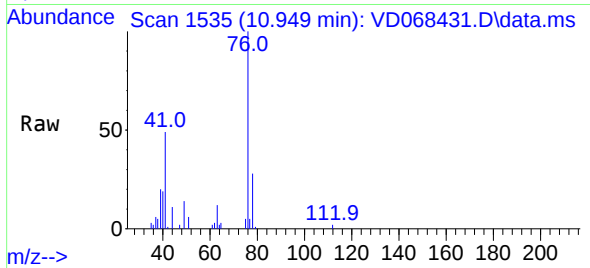


Tgt Ion: 69 Resp: 14195
Ion Ratio Lower Upper
69 100
41 58.2 44.9 67.3
39 26.5 21.9 32.9

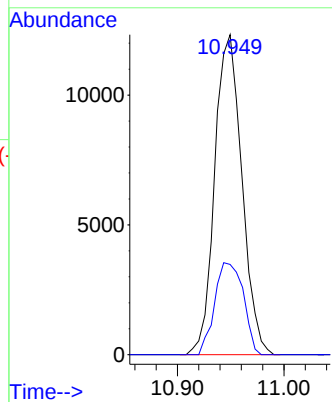
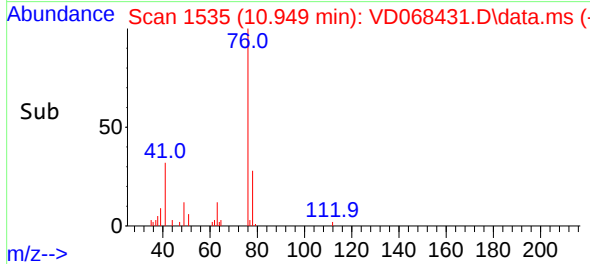




#57
1,3-Dichloropropane
Concen: 4.79 ug/l
RT: 10.949 min Scan# 1535
Delta R.T. -0.000 min
Lab File: VD068431.D
Acq: 24 Feb 2021 12:22



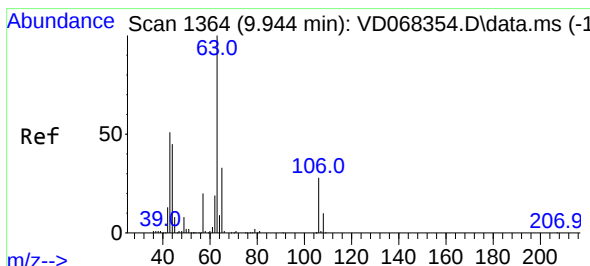
Tgt Ion: 76 Resp: 21831
Ion Ratio Lower Upper
76 100
78 30.2 25.6 38.4



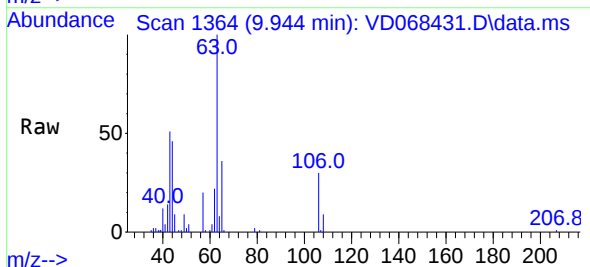
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

Manual Integrations
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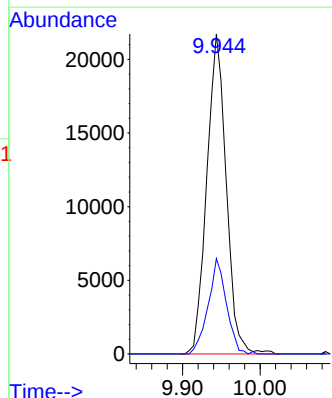
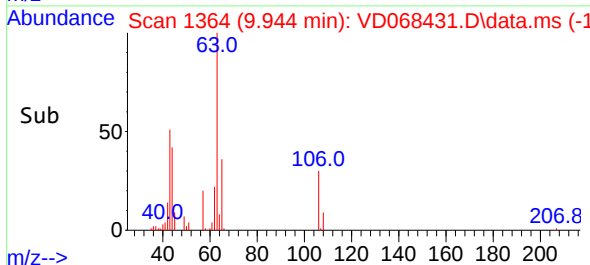
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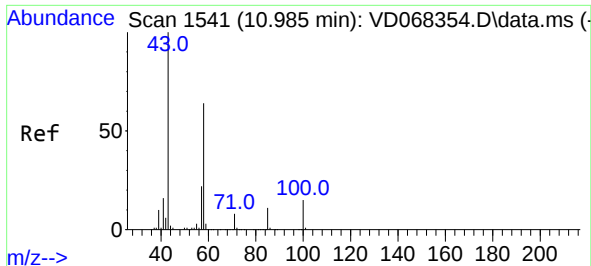


#58
2-Chloroethyl Vinyl ether
Concen: 22.94 ug/l
RT: 9.944 min Scan# 1364
Delta R.T. -0.000 min
Lab File: VD068431.D
Acq: 24 Feb 2021 12:22

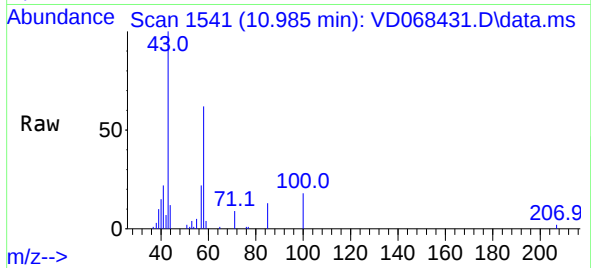


Tgt Ion: 63 Resp: 37843
Ion Ratio Lower Upper
63 100
106 28.1 27.0 40.4

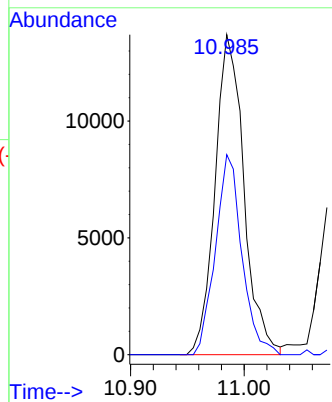
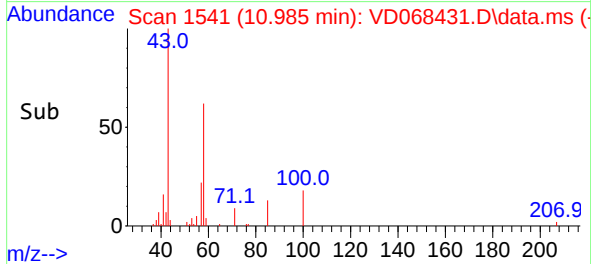




#59
2-Hexanone
Concen: 21.61 ug/l
RT: 10.985 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VD068431.D
Acq: 24 Feb 2021 12:22



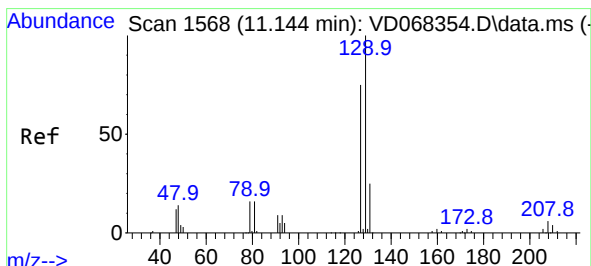
Tgt Ion: 43 Resp: 24169
Ion Ratio Lower Upper
43 100
58 57.4 31.0 93.0



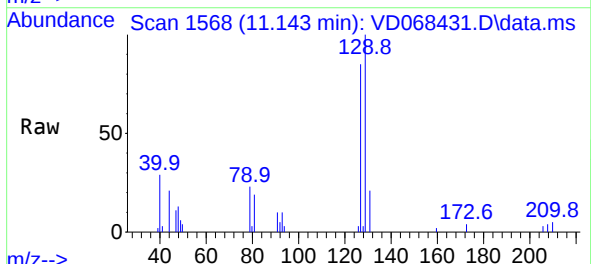
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

Manual Integrations
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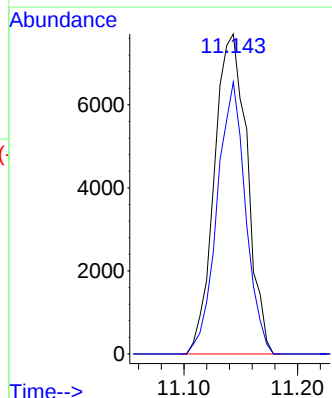
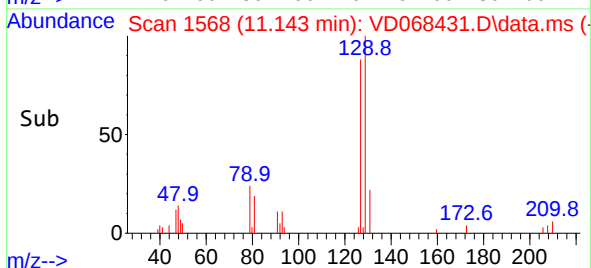
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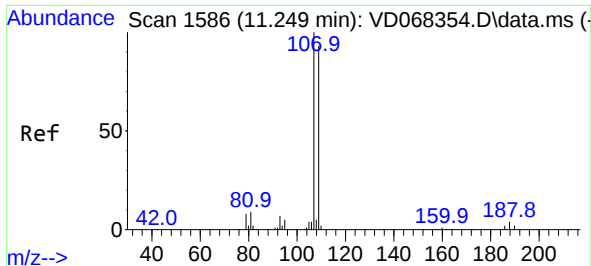


#60
Dibromochloromethane
Concen: 4.81 ug/l
RT: 11.143 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD068431.D
Acq: 24 Feb 2021 12:22



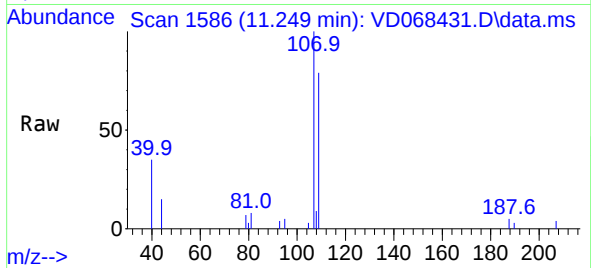
Tgt Ion: 129 Resp: 15487
Ion Ratio Lower Upper
129 100
127 73.7 38.6 116.0





#61
1,2-Dibromoethane
Concen: 4.86 ug/l
RT: 11.249 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VD068431.D
Acq: 24 Feb 2021 12:22

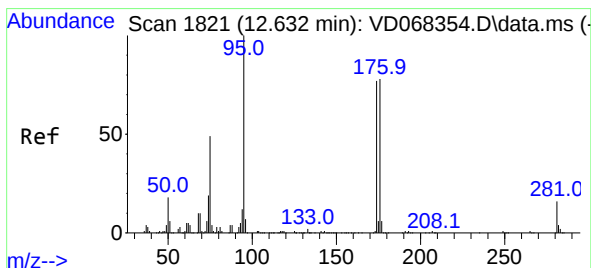
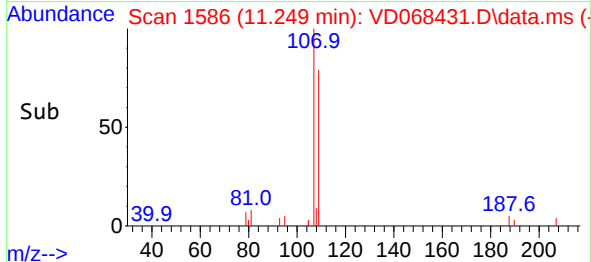
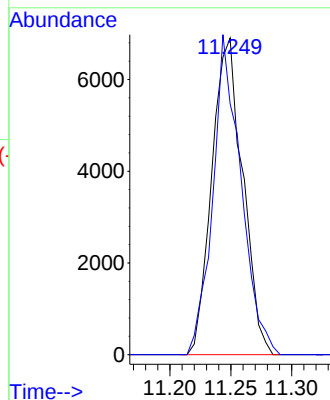
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



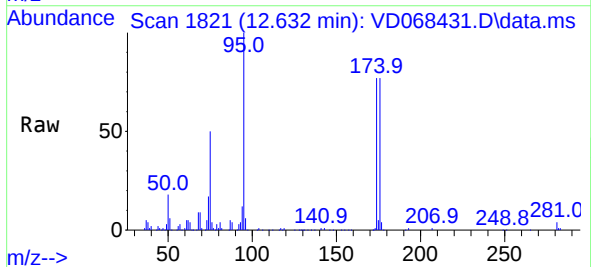
Tgt Ion:107 Resp: 12183
Ion Ratio Lower Upper
107 100
109 91.8 74.8 112.2

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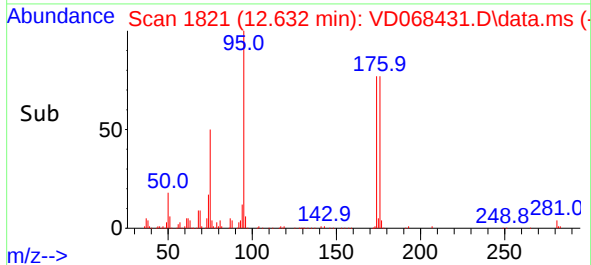
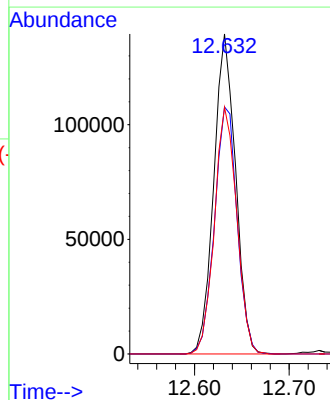
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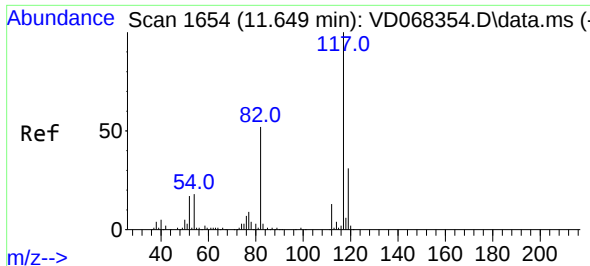


#62
4-Bromofluorobenzene
Concen: 49.47 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068431.D
Acq: 24 Feb 2021 12:22

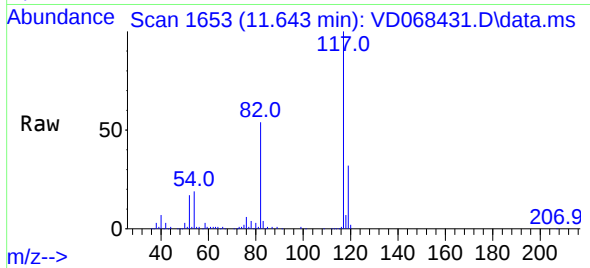


Tgt Ion: 95 Resp: 223079
Ion Ratio Lower Upper
95 100
174 80.2 0.0 172.4
176 78.9 0.0 168.4

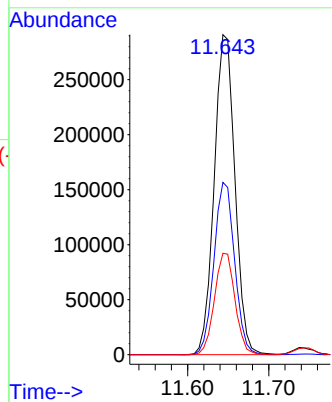
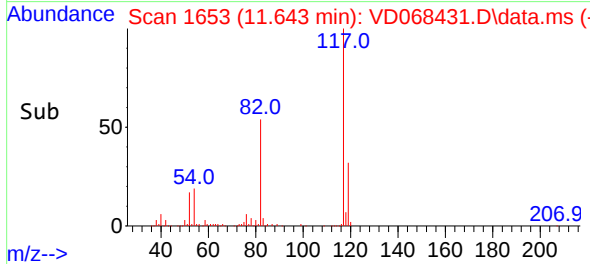




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD068431.D
Acq: 24 Feb 2021 12:22



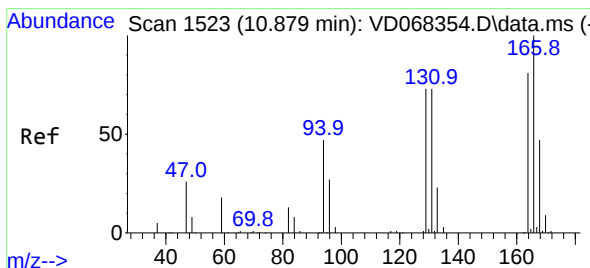
Tgt Ion:117 Resp: 517138
Ion Ratio Lower Upper
117 100
82 53.8 41.4 62.0
119 31.7 26.1 39.1



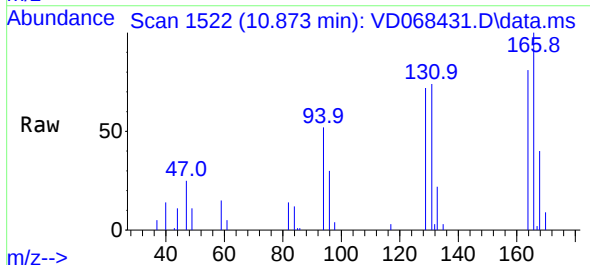
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

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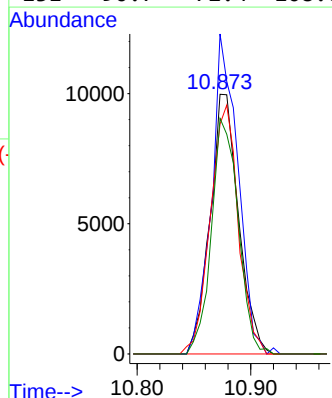
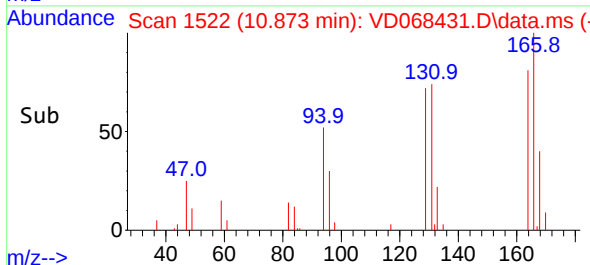
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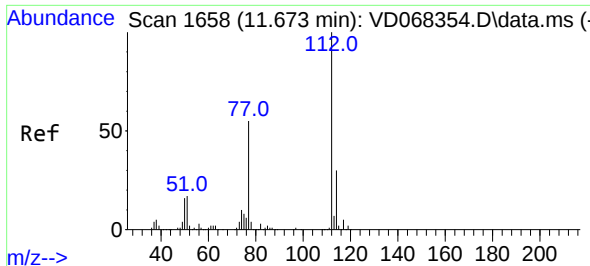


#64
Tetrachloroethene
Concen: 5.46 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. -0.006 min
Lab File: VD068431.D
Acq: 24 Feb 2021 12:22

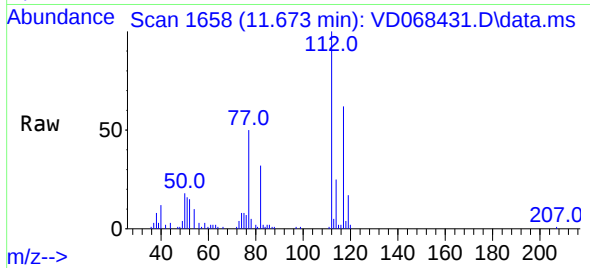


Tgt Ion:164 Resp: 17384
Ion Ratio Lower Upper
164 100
166 123.2 105.5 158.3
129 88.5 75.6 113.4
131 90.7 72.4 108.6

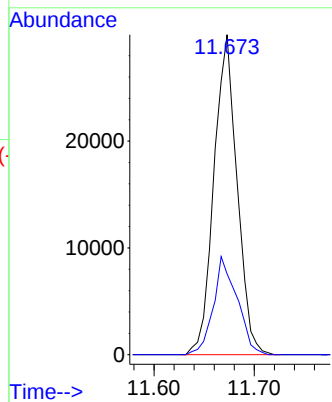
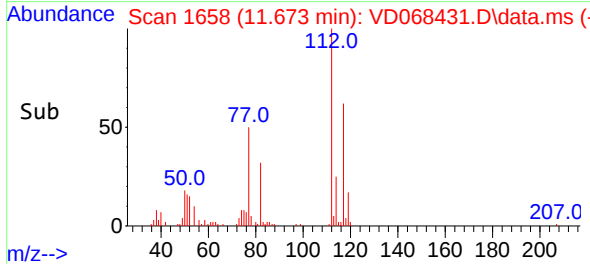




#65
Chlorobenzene
Concen: 4.84 ug/l
RT: 11.673 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VD068431.D
Acq: 24 Feb 2021 12:22



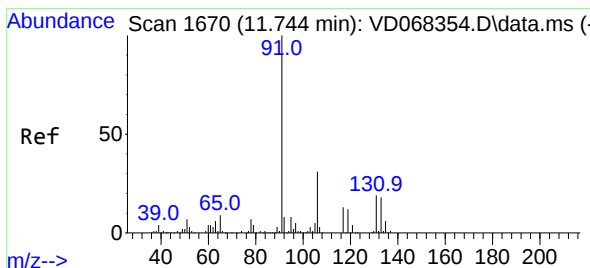
Tgt Ion:112 Resp: 48088
Ion Ratio Lower Upper
112 100
114 25.2 25.7 38.5#



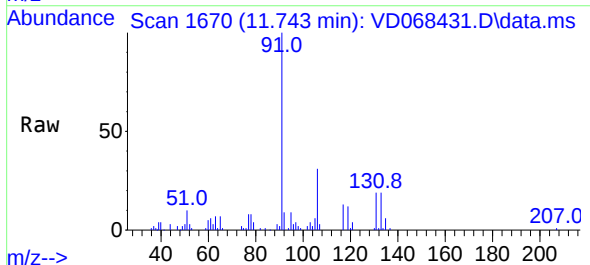
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

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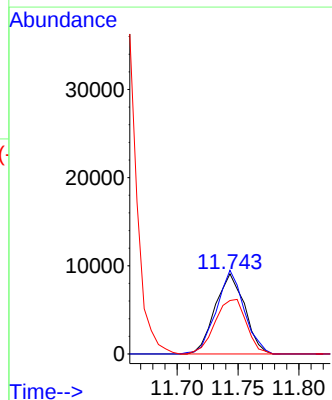
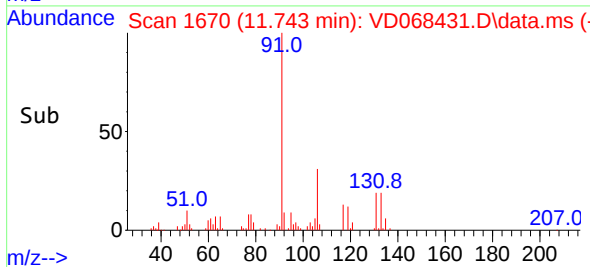
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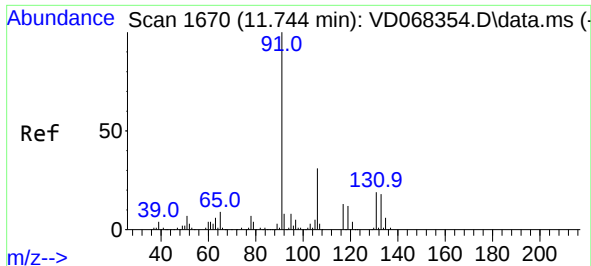


#66
1,1,1,2-Tetrachloroethane
Concen: 4.43 ug/l
RT: 11.743 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VD068431.D
Acq: 24 Feb 2021 12:22

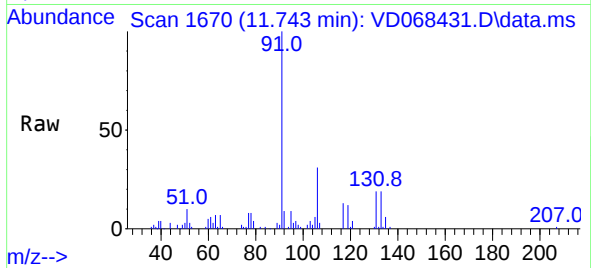


Tgt Ion:131 Resp: 15378
Ion Ratio Lower Upper
131 100
133 98.1 48.1 144.4
119 72.1 31.6 94.8

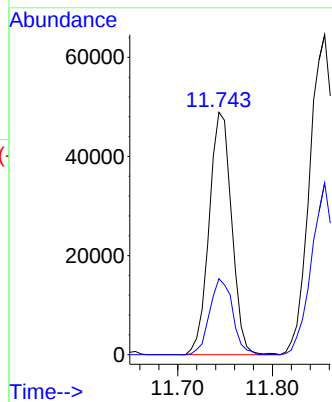
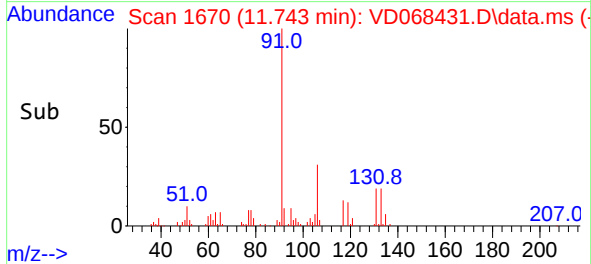




#67
Ethyl Benzene
Concen: 4.54 ug/l
RT: 11.743 min Scan# 1670
Delta R.T. -0.000 min
Lab File: VD068431.D
Acq: 24 Feb 2021 12:22



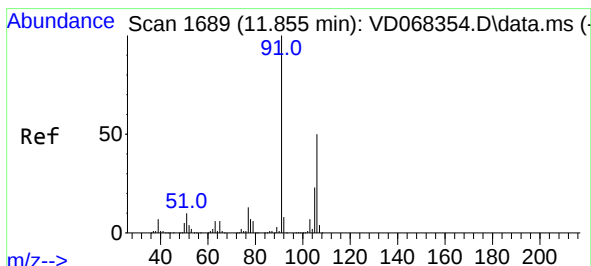
Tgt Ion: 91 Resp: 80903
Ion Ratio Lower Upper
91 100
106 31.4 25.9 38.9



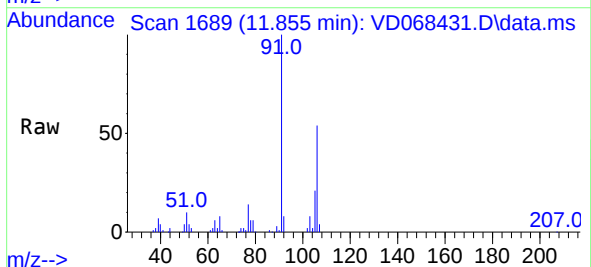
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

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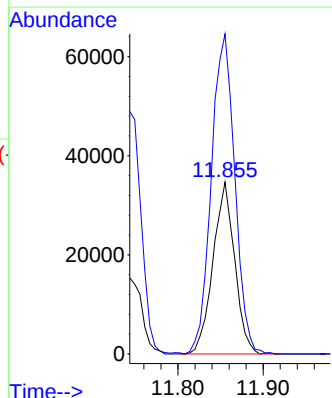
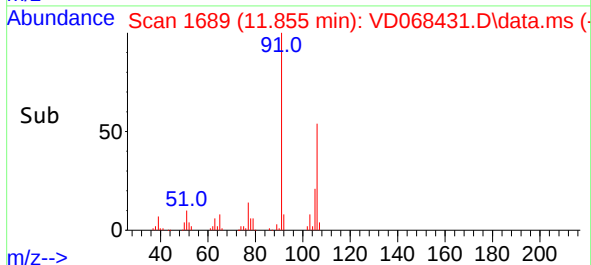
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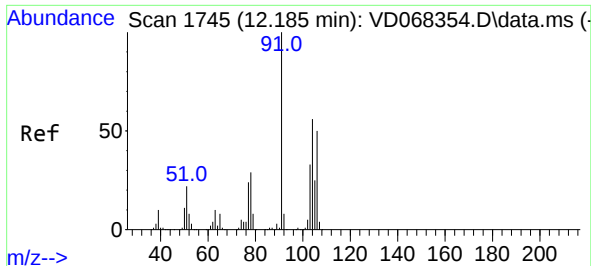


#68
m/p-Xylenes
Concen: 9.09 ug/l
RT: 11.855 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VD068431.D
Acq: 24 Feb 2021 12:22



Tgt Ion:106 Resp: 61274
Ion Ratio Lower Upper
106 100
91 202.0 159.1 238.7





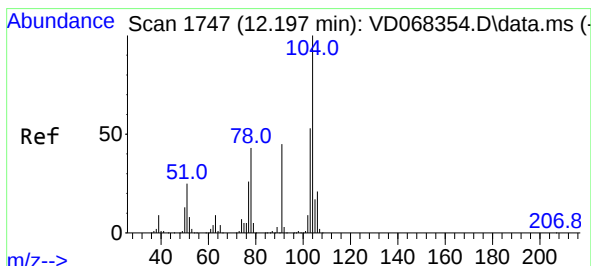
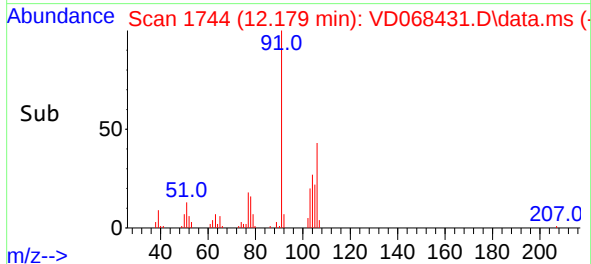
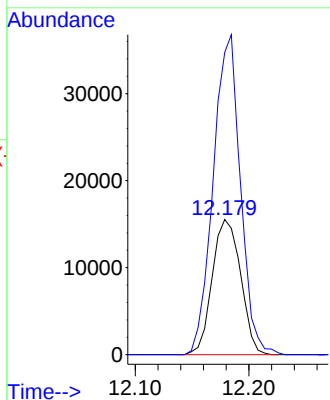
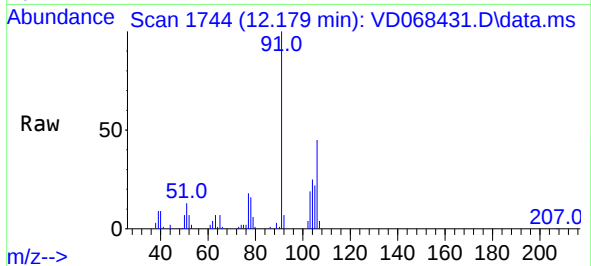
#69
o-Xylene
Concen: 4.36 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. -0.006 min
Lab File: VD068431.D
Acq: 24 Feb 2021 12:22

Tgt Ion:106 Resp: 26978
Ion Ratio Lower Upper
106 100
91 227.0 108.7 325.9

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

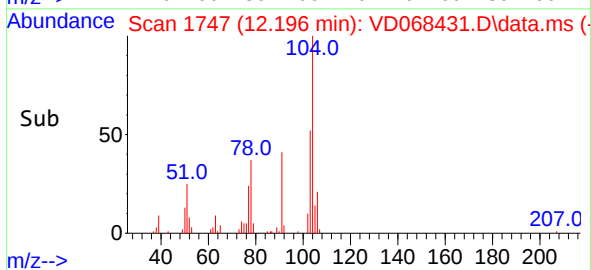
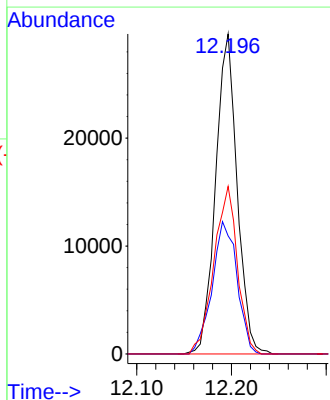
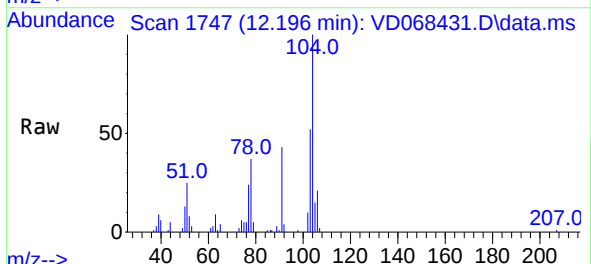
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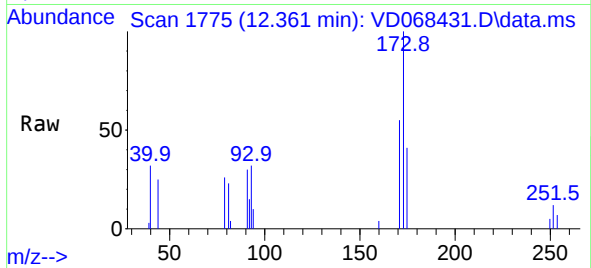
#70
Styrene
Concen: 4.36 ug/l
RT: 12.196 min Scan# 1747
Delta R.T. -0.000 min
Lab File: VD068431.D
Acq: 24 Feb 2021 12:22

Tgt Ion:104 Resp: 46893
Ion Ratio Lower Upper
104 100
78 47.7 38.2 57.2
103 57.2 43.1 64.7

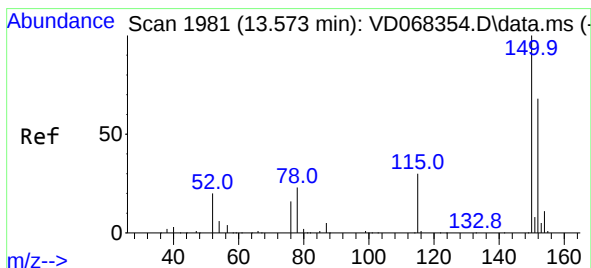
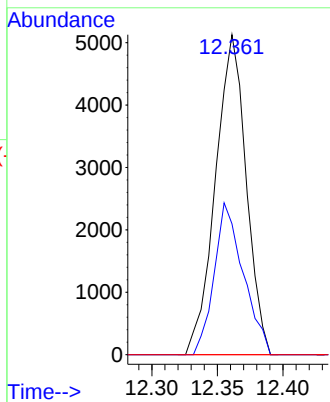
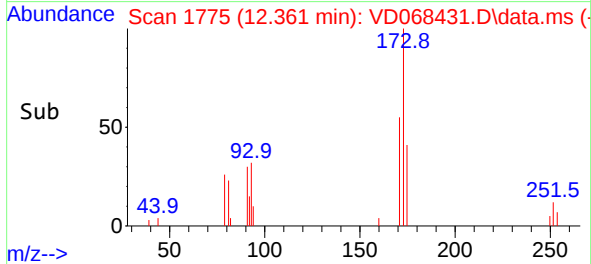




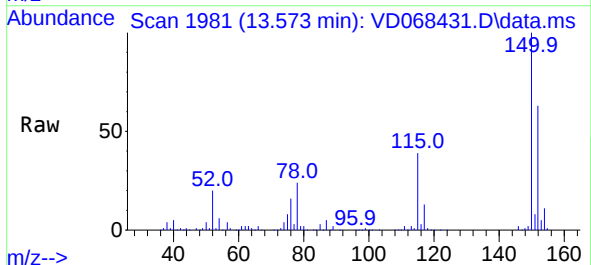
#71
Bromoform
Concen: 4.69 ug/l
RT: 12.361 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VD068431.D
Acq: 24 Feb 2021 12:22



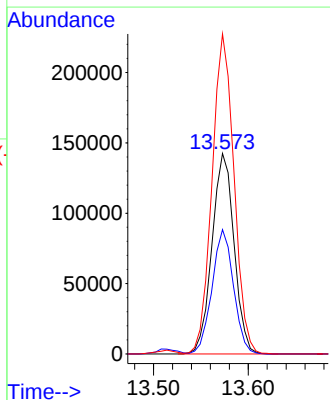
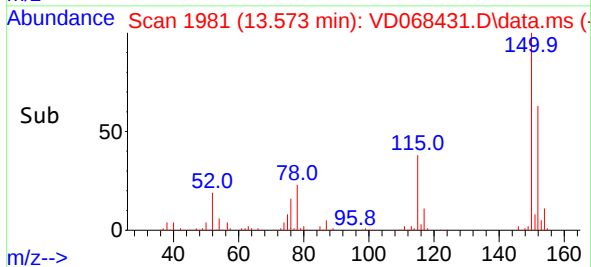
Tgt Ion:173 Resp: 8355
Ion Ratio Lower Upper
173 100
175 45.0 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD068431.D
Acq: 24 Feb 2021 12:22



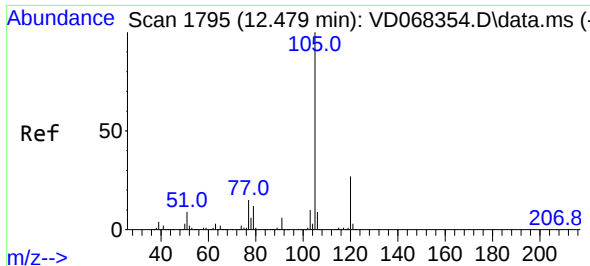
Tgt Ion:152 Resp: 230257
Ion Ratio Lower Upper
152 100
115 60.4 28.9 86.8
150 159.1 0.0 344.4



Instrument :
MSVOA_D
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LOD-MDL-SOIL-01-QT1-2021

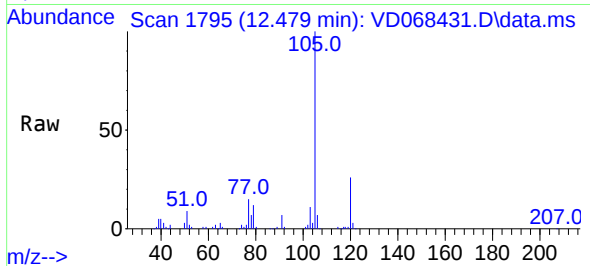
Manual Integrations
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#73
Isopropylbenzene
Concen: 4.55 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VD068431.D
Acq: 24 Feb 2021 12:22

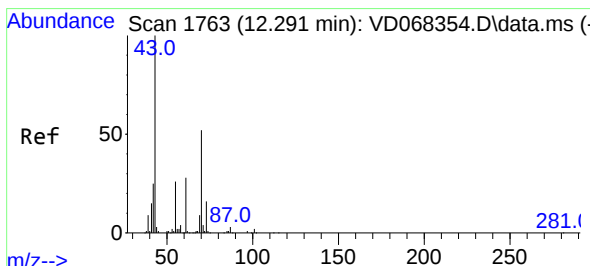
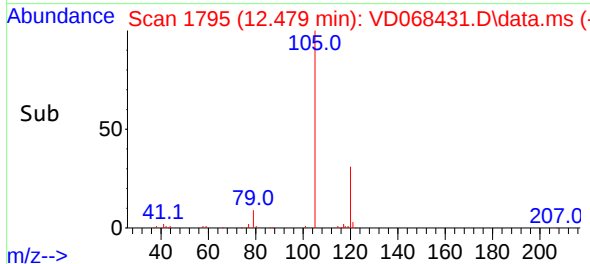
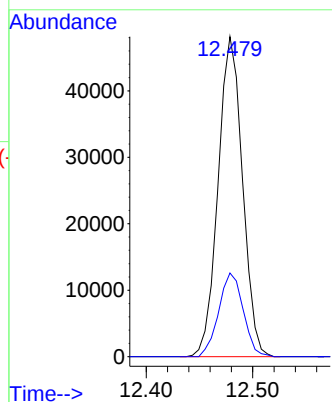
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



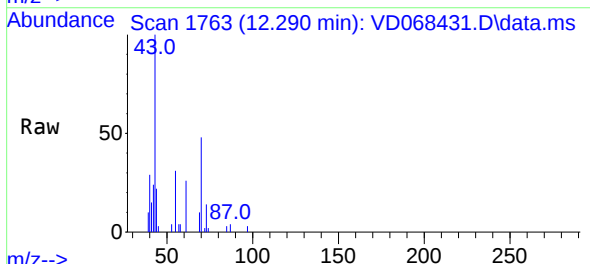
Tgt Ion:105 Resp: 76449
Ion Ratio Lower Upper
105 100
120 26.3 13.2 39.6

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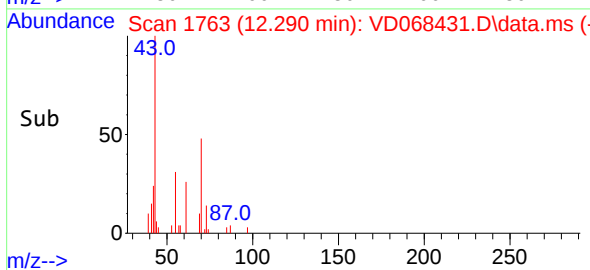
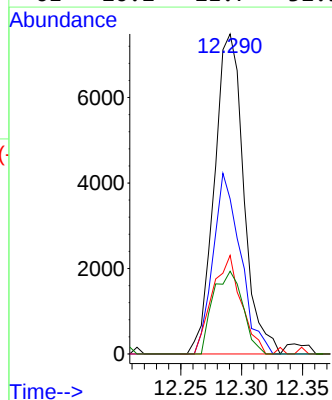
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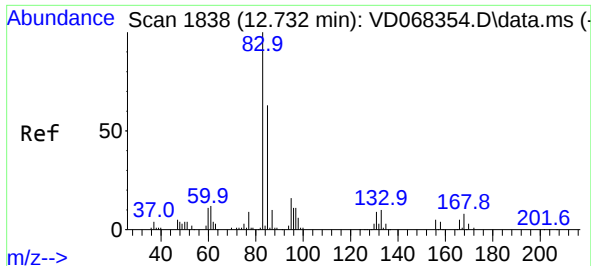


#74
N-ethyl acetate
Concen: 4.22 ug/l
RT: 12.290 min Scan# 1763
Delta R.T. -0.000 min
Lab File: VD068431.D
Acq: 24 Feb 2021 12:22



Tgt Ion: 43 Resp: 12527
Ion Ratio Lower Upper
43 100
70 52.7 41.8 62.8
55 30.4 24.2 36.4
61 26.2 21.7 32.5





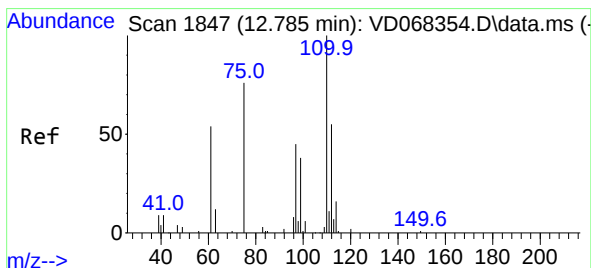
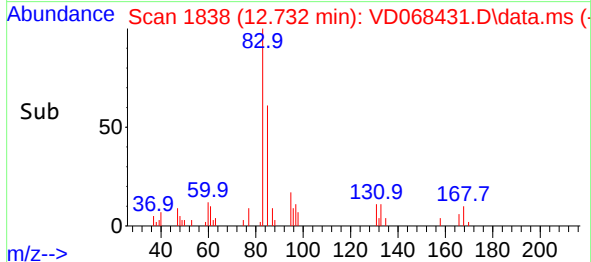
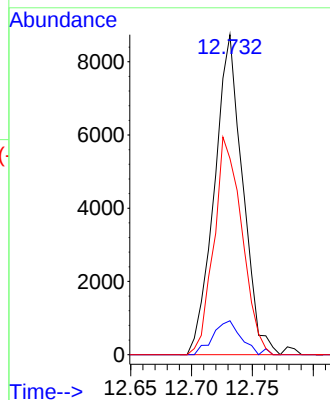
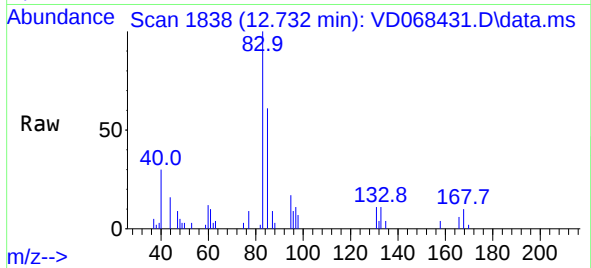
#75
1,1,2,2-Tetrachloroethane
Concen: 4.84 ug/l
RT: 12.732 min Scan# 1838
Delta R.T. -0.000 min
Lab File: VD068431.D
Acq: 24 Feb 2021 12:22

Tgt Ion: 83 Resp: 14107
Ion Ratio Lower Upper
83 100
131 10.8 5.8 17.4
85 67.4 32.4 97.2

Instrument :
MSVOA_D
ClientSampleId :
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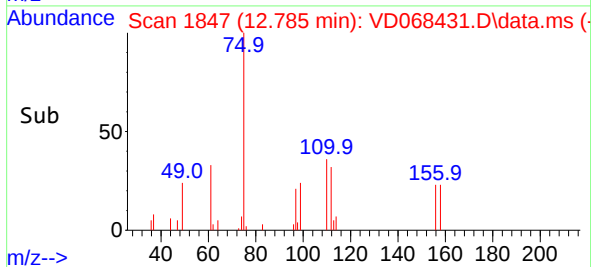
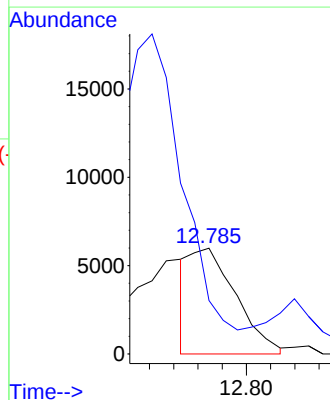
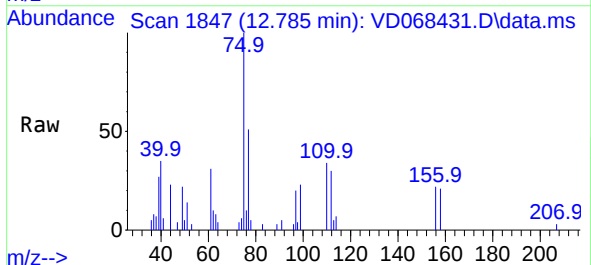
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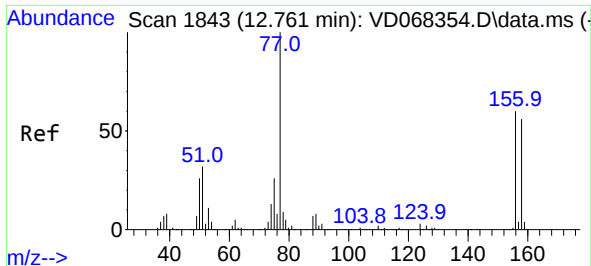
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#76
1,2,3-Trichloropropane
Concen: 3.60 ug/l m
RT: 12.785 min Scan# 1847
Delta R.T. -0.000 min
Lab File: VD068431.D
Acq: 24 Feb 2021 12:22

Tgt Ion: 75 Resp: 7893
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





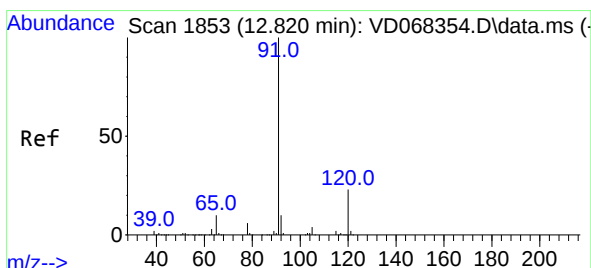
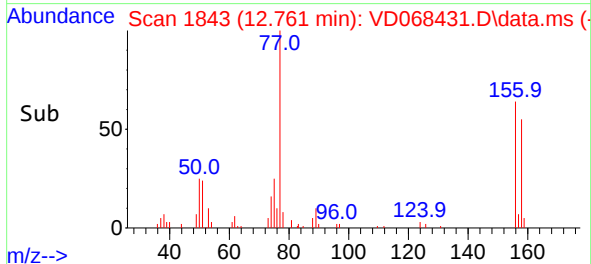
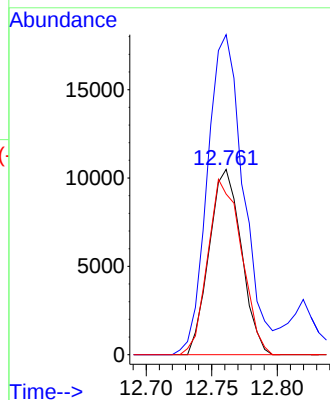
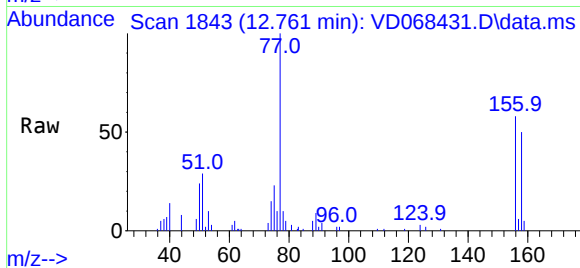
#77
Bromobenzene
Concen: 4.77 ug/l
RT: 12.761 min Scan# 1843
Delta R.T. -0.000 min
Lab File: VD068431.D
Acq: 24 Feb 2021 12:22

Tgt Ion: 156 Resp: 17932
Ion Ratio Lower Upper
156 100
77 193.0 82.8 248.3
158 99.4 48.0 144.0

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

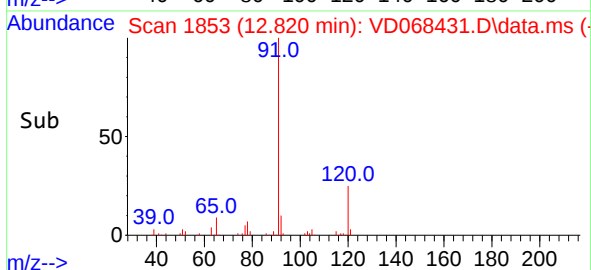
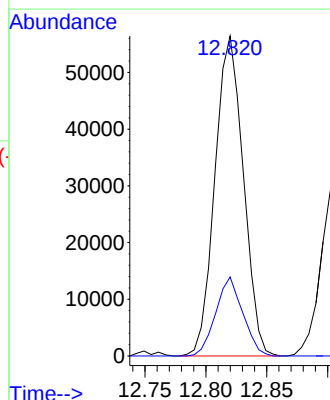
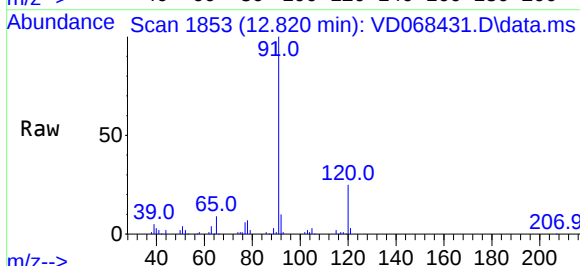
Manual Integrations
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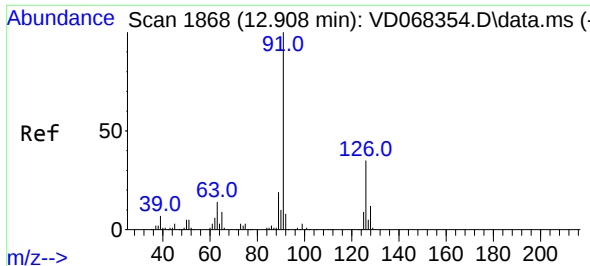
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#78
n-propylbenzene
Concen: 4.55 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VD068431.D
Acq: 24 Feb 2021 12:22

Tgt Ion: 91 Resp: 91539
Ion Ratio Lower Upper
91 100
120 23.4 12.0 36.0





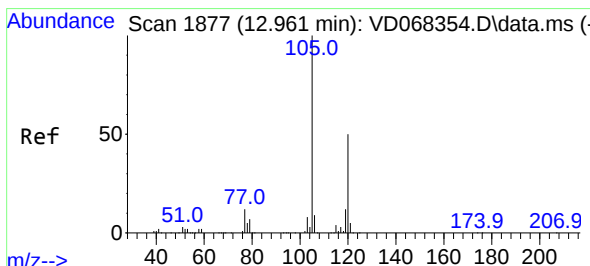
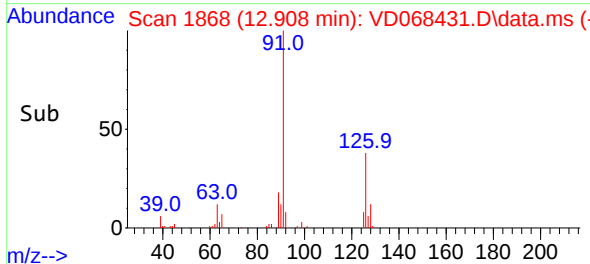
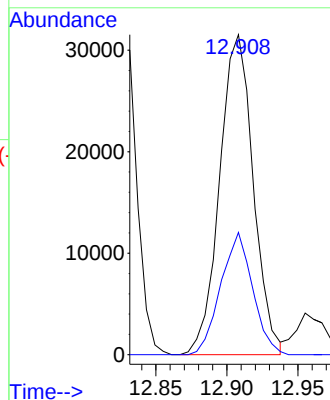
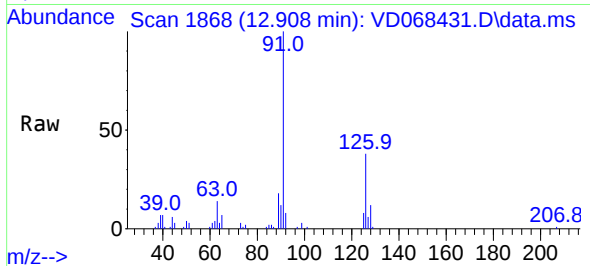
#79
2-Chlorotoluene
Concen: 4.66 ug/l
RT: 12.908 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD068431.D
Acq: 24 Feb 2021 12:22

Tgt Ion: 91 Resp: 51961
Ion Ratio Lower Upper
91 100
126 36.3 17.8 53.5

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

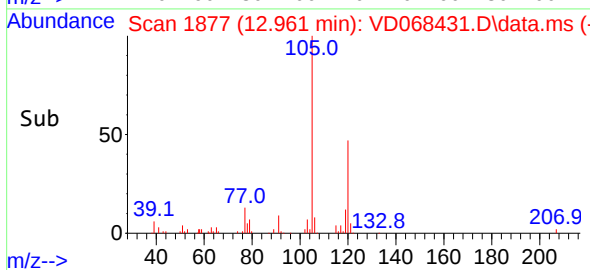
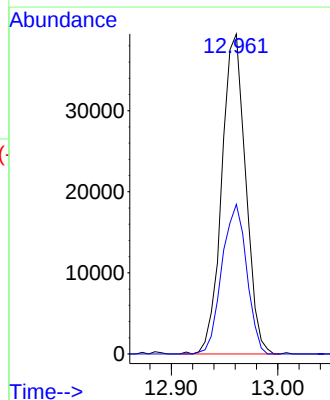
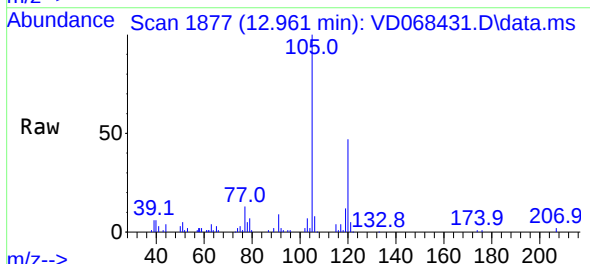
Manual Integrations
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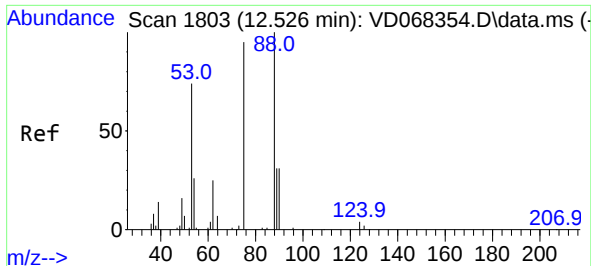
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#80
1,3,5-Trimethylbenzene
Concen: 4.46 ug/l
RT: 12.961 min Scan# 1877
Delta R.T. -0.000 min
Lab File: VD068431.D
Acq: 24 Feb 2021 12:22

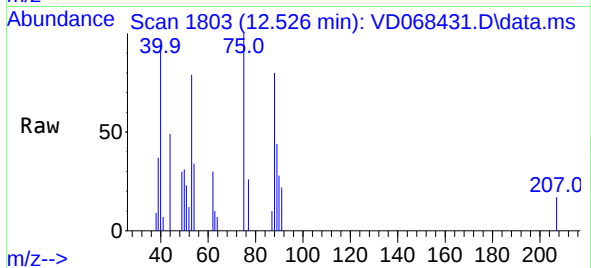
Tgt Ion:105 Resp: 61348
Ion Ratio Lower Upper
105 100
120 48.4 24.2 72.6





#81
trans-1,4-Dichloro-2-butene
Concen: 4.21 ug/l
RT: 12.526 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VD068431.D
Acq: 24 Feb 2021 12:22

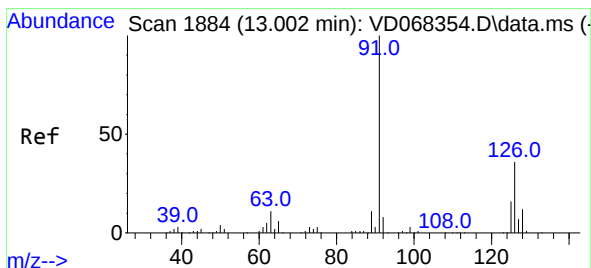
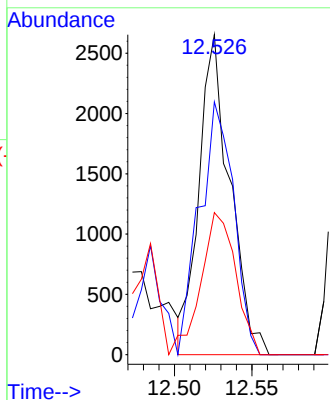
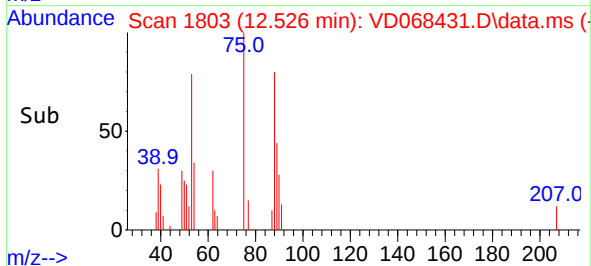
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



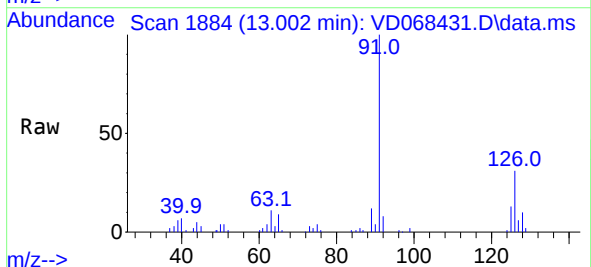
Tgt Ion: 75 Resp: 3676
Ion Ratio Lower Upper
75 100
53 87.3 70.2 105.2
89 48.6 40.3 60.5

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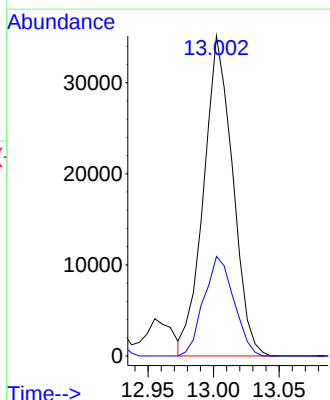
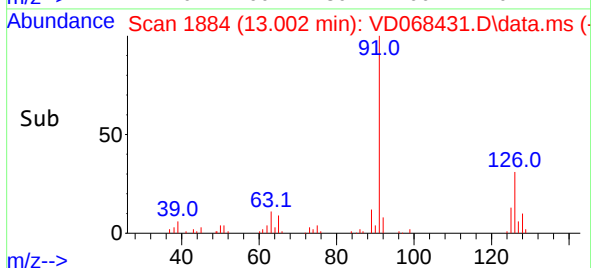
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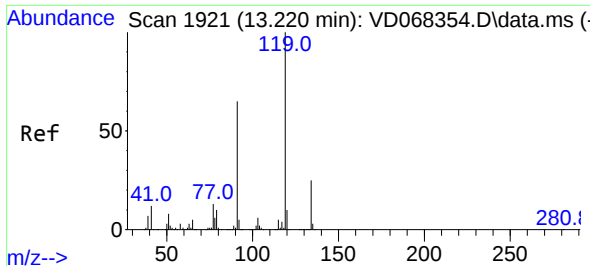


#82
4-Chlorotoluene
Concen: 4.59 ug/l
RT: 13.002 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VD068431.D
Acq: 24 Feb 2021 12:22

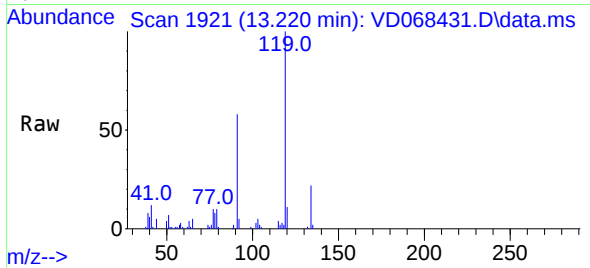


Tgt Ion: 91 Resp: 54131
Ion Ratio Lower Upper
91 100
126 32.1 17.7 53.1

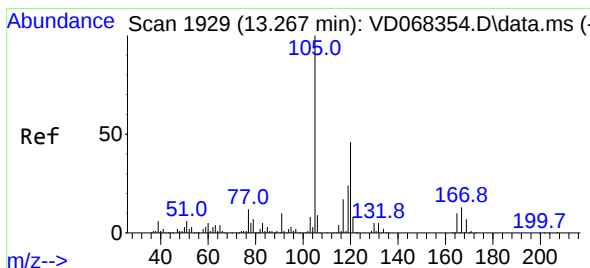
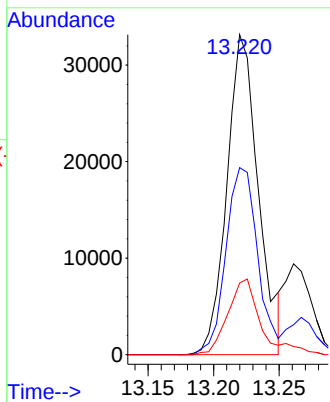
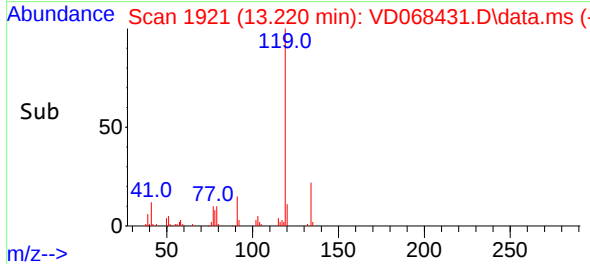




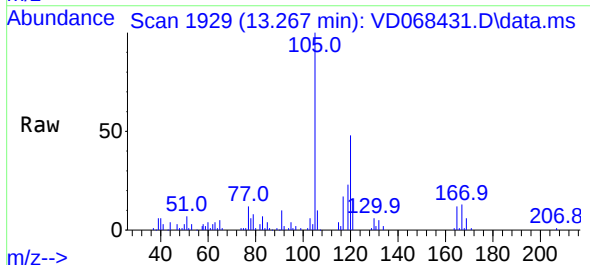
#83
tert-Butylbenzene
Concen: 4.64 ug/l
RT: 13.220 min Scan# 1921
Delta R.T. -0.000 min
Lab File: VD068431.D
Acq: 24 Feb 2021 12:22



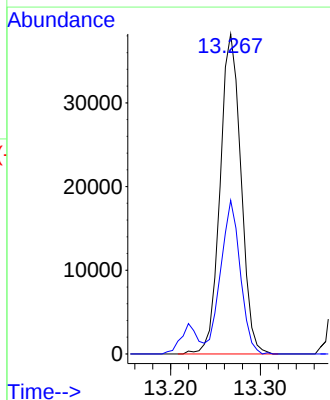
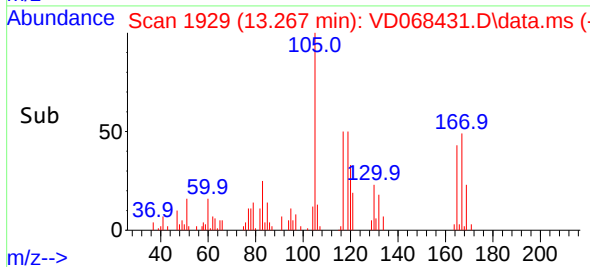
Tgt Ion:119 Resp: 55306
Ion Ratio Lower Upper
119 100
91 59.1 31.1 93.5
134 24.8 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 4.51 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. -0.000 min
Lab File: VD068431.D
Acq: 24 Feb 2021 12:22



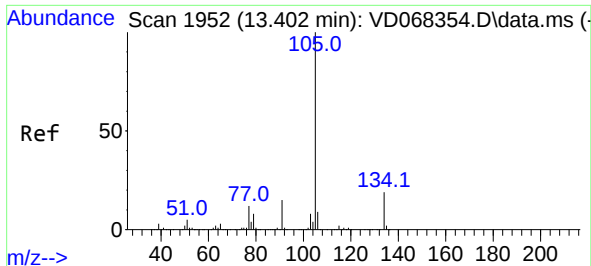
Tgt Ion:105 Resp: 61730
Ion Ratio Lower Upper
105 100
120 45.1 22.4 67.0



Instrument :
MSVOA_D
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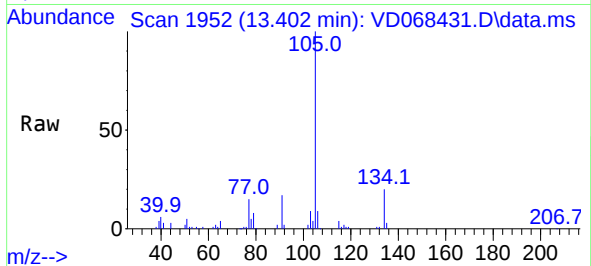
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#85
sec-Butylbenzene
Concen: 4.44 ug/l
RT: 13.402 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VD068431.D
Acq: 24 Feb 2021 12:22

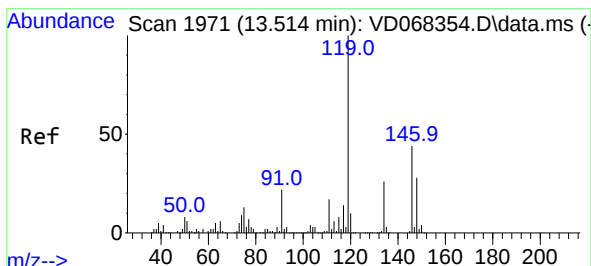
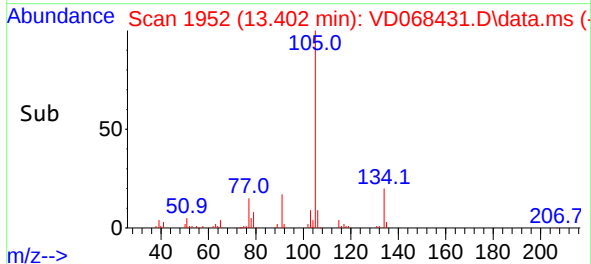
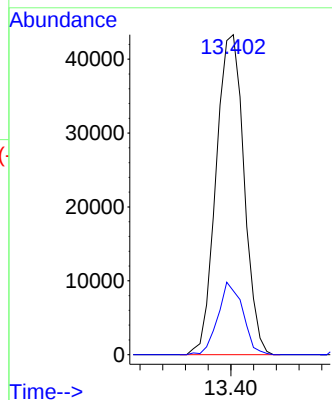
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



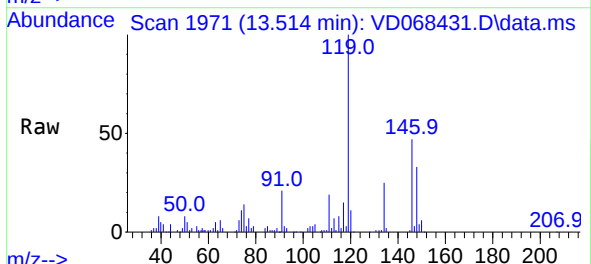
Tgt Ion:105 Resp: 74094
Ion Ratio Lower Upper
105 100
134 20.1 10.3 30.9

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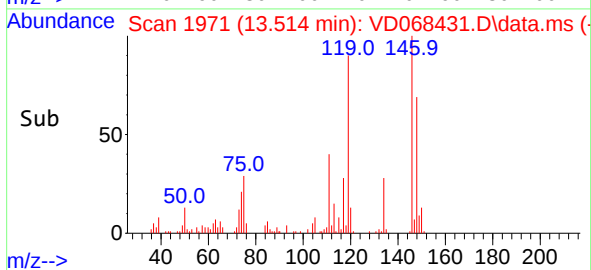
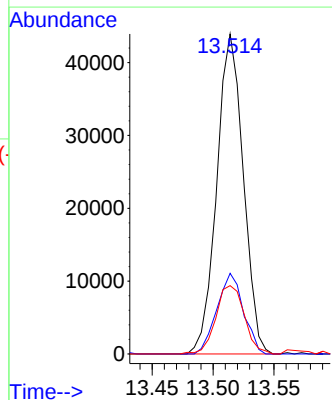
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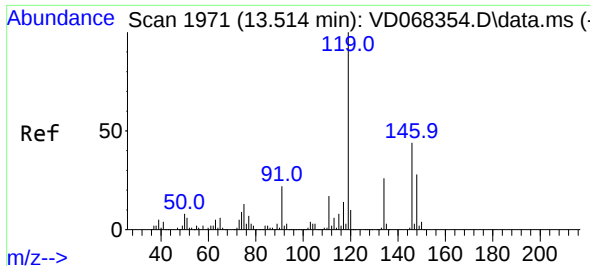


#86
p-Isopropyltoluene
Concen: 4.44 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. -0.000 min
Lab File: VD068431.D
Acq: 24 Feb 2021 12:22

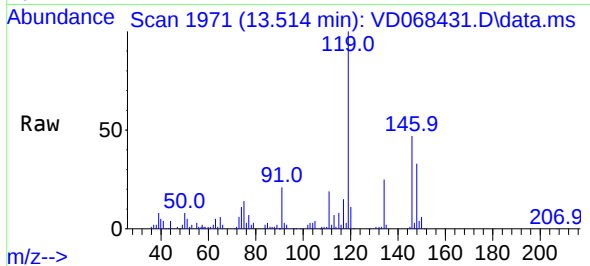


Tgt Ion:119 Resp: 66507
Ion Ratio Lower Upper
119 100
134 25.2 12.9 38.7
91 22.9 11.7 35.0

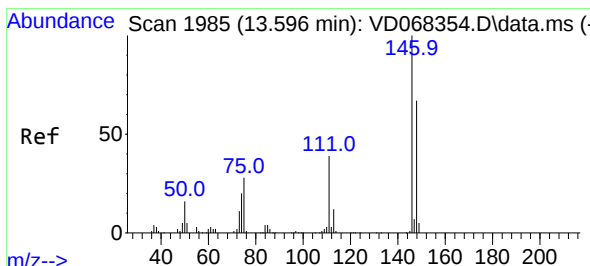
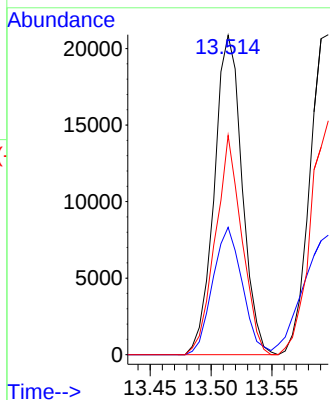
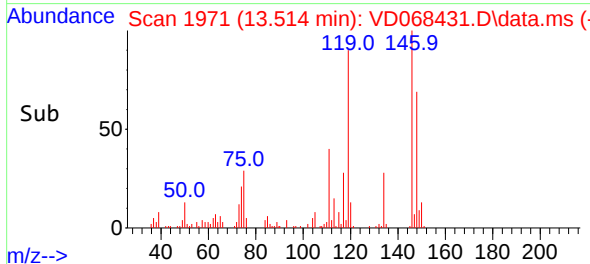




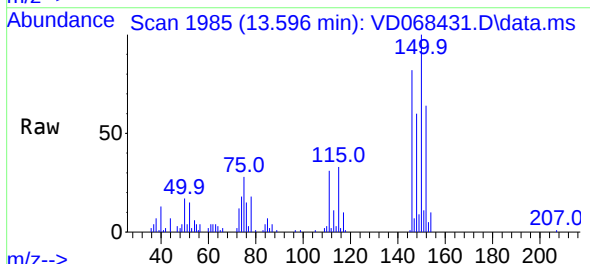
#87
1,3-Dichlorobenzene
Concen: 4.56 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. -0.000 min
Lab File: VD068431.D
Acq: 24 Feb 2021 12:22



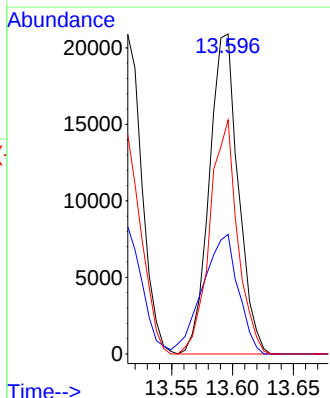
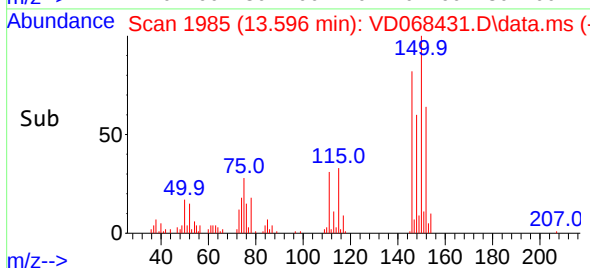
Tgt Ion:146 Resp: 33175
Ion Ratio Lower Upper
146 100
111 42.6 19.5 58.5
148 65.3 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 4.78 ug/l
RT: 13.596 min Scan# 1985
Delta R.T. -0.000 min
Lab File: VD068431.D
Acq: 24 Feb 2021 12:22



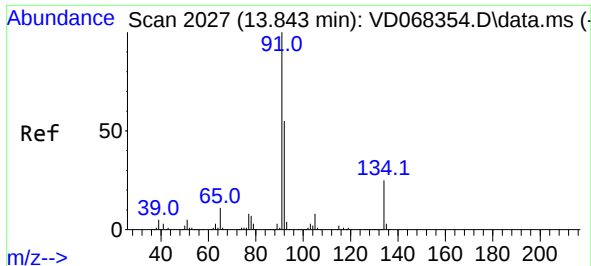
Tgt Ion:146 Resp: 34592
Ion Ratio Lower Upper
146 100
111 45.9 19.1 57.1
148 70.1 31.9 95.7



Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

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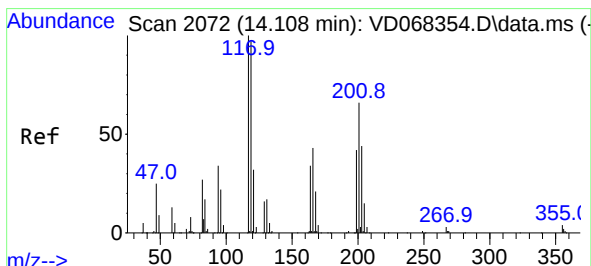
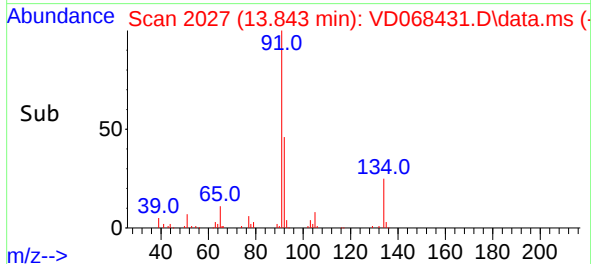
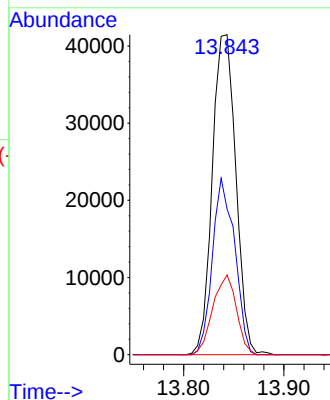
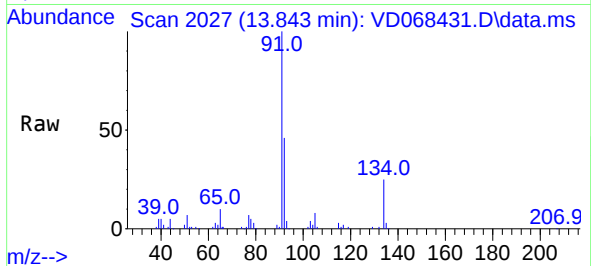
#89
n-Butylbenzene
Concen: 4.64 ug/l
RT: 13.843 min Scan# 2027
Delta R.T. -0.000 min
Lab File: VD068431.D
Acq: 24 Feb 2021 12:22

Tgt Ion: 91 Resp: 67740
Ion Ratio Lower Upper
91 100
92 52.1 27.2 81.6
134 25.0 13.9 41.7

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

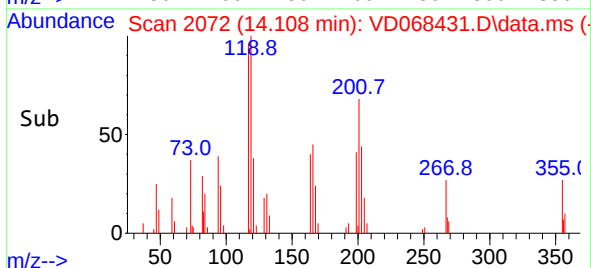
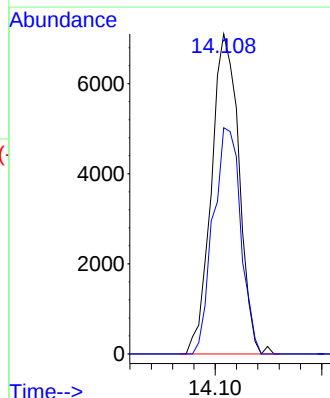
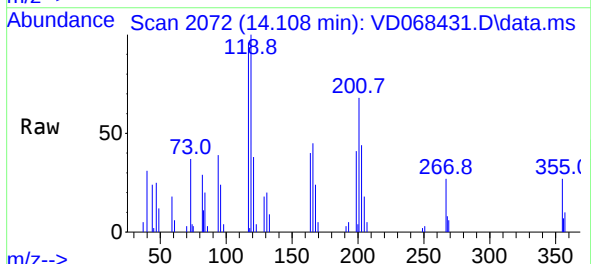
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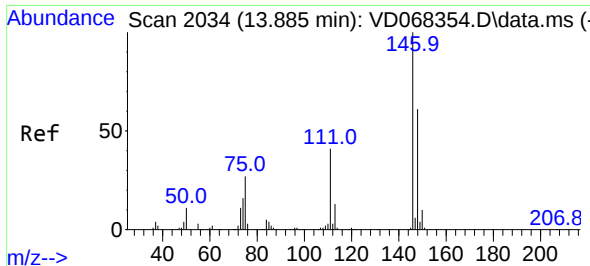
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#90
Hexachloroethane
Concen: 4.69 ug/l
RT: 14.108 min Scan# 2072
Delta R.T. -0.000 min
Lab File: VD068431.D
Acq: 24 Feb 2021 12:22

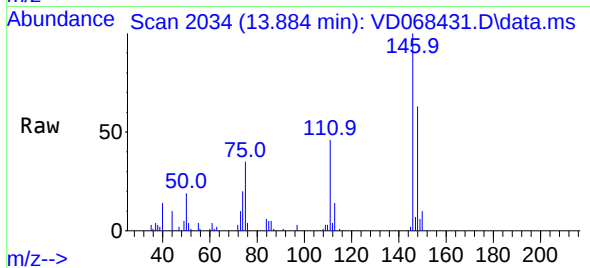
Tgt Ion: 117 Resp: 12744
Ion Ratio Lower Upper
117 100
201 70.9 39.5 118.5





#91
1,2-Dichlorobenzene
Concen: 4.90 ug/l
RT: 13.884 min Scan# 2034
Delta R.T. -0.000 min
Lab File: VD068431.D
Acq: 24 Feb 2021 12:22

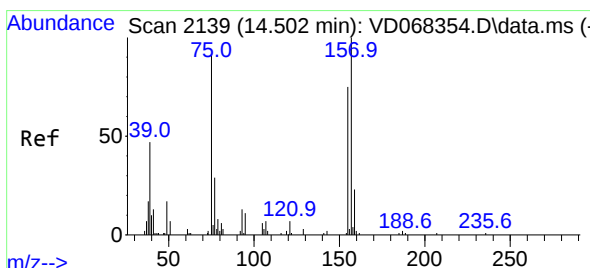
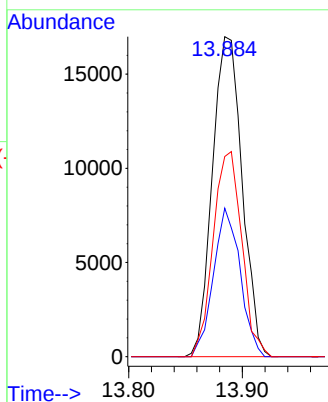
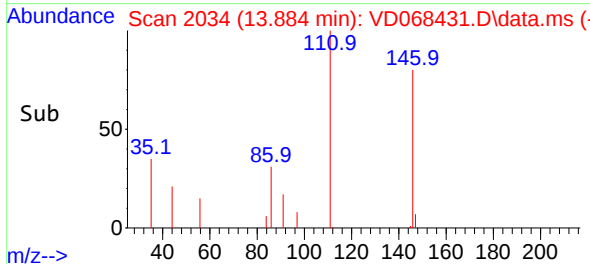
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



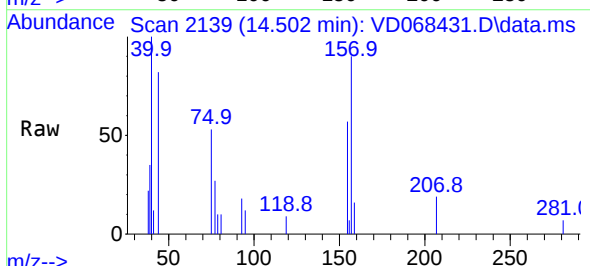
Tgt Ion:146 Resp: 30913
Ion Ratio Lower Upper
146 100
111 41.8 20.3 60.9
148 61.8 31.7 95.1

Manual Integrations
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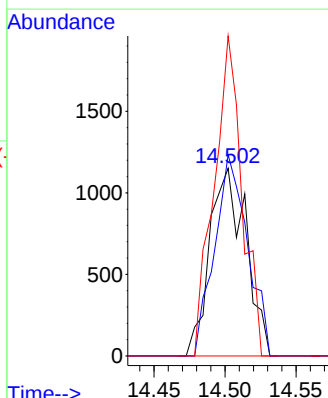
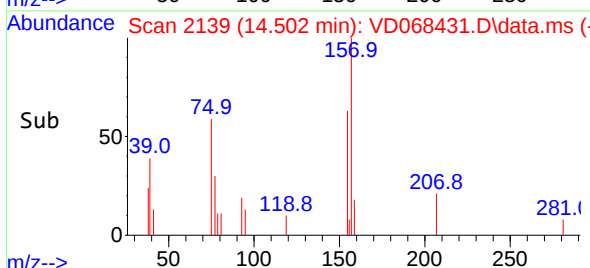
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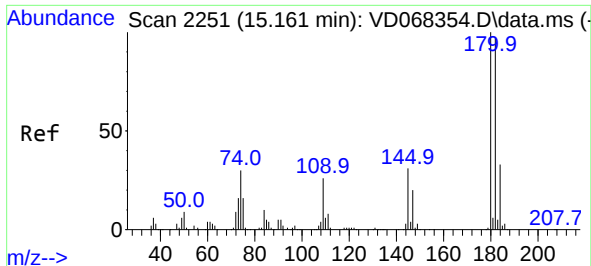


#92
1,2-Dibromo-3-Chloropropane
Concen: 4.78 ug/l
RT: 14.502 min Scan# 2139
Delta R.T. -0.000 min
Lab File: VD068431.D
Acq: 24 Feb 2021 12:22



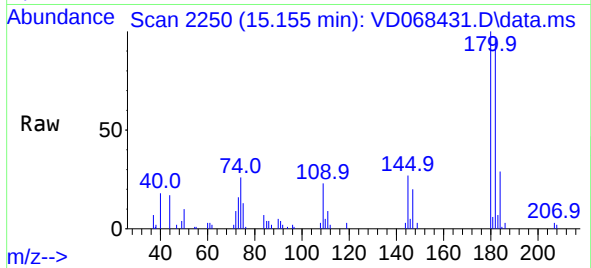
Tgt Ion: 75 Resp: 2038
Ion Ratio Lower Upper
75 100
155 97.6 48.0 144.2
157 131.7 65.0 194.8





#93
1,2,4-Trichlorobenzene
Concen: 5.70 ug/l
RT: 15.155 min Scan# 2250
Delta R.T. -0.006 min
Lab File: VD068431.D
Acq: 24 Feb 2021 12:22

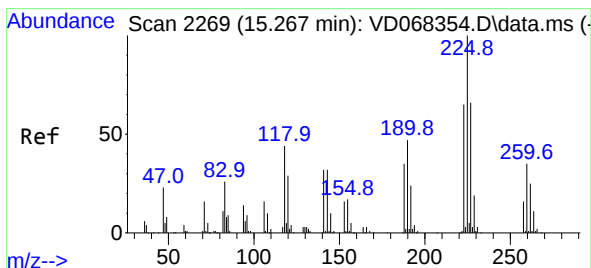
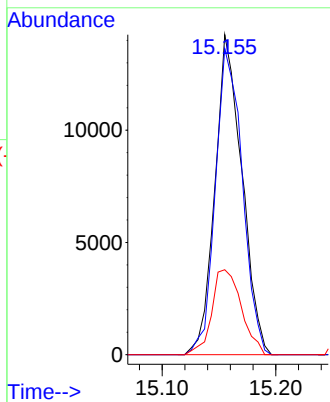
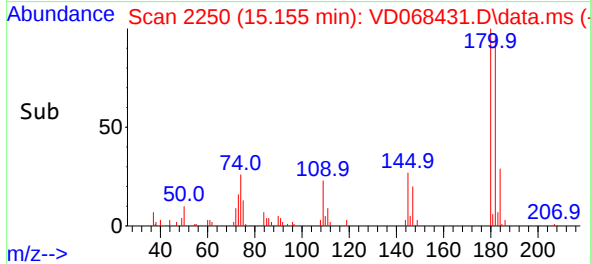
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



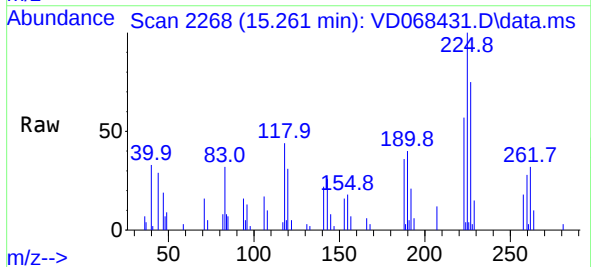
Tgt Ion:180 Resp: 23537
Ion Ratio Lower Upper
180 100
182 95.7 46.8 140.4
145 29.1 15.2 45.5

Manual Integrations
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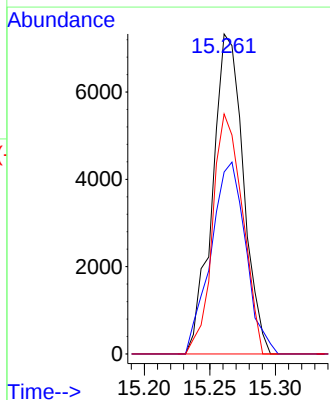
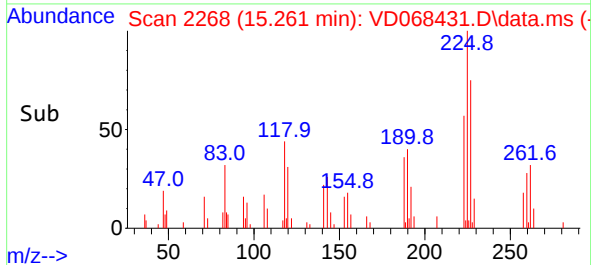
MMDadoda
2/25/2021 12:16:48 PM

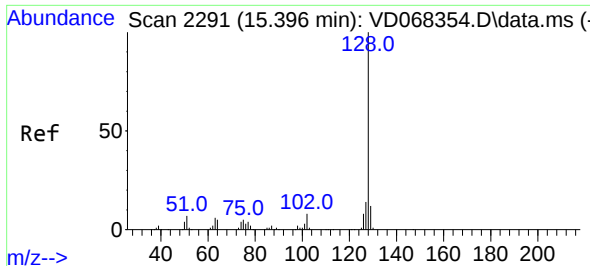


#94
Hexachlorobutadiene
Concen: 5.31 ug/l
RT: 15.261 min Scan# 2268
Delta R.T. -0.006 min
Lab File: VD068431.D
Acq: 24 Feb 2021 12:22

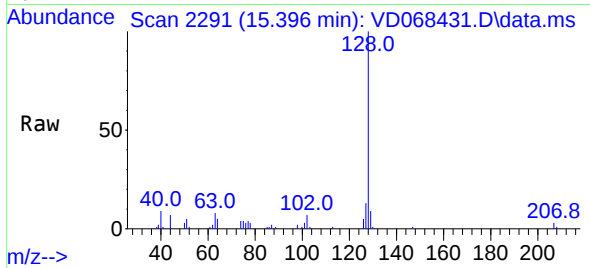


Tgt Ion:225 Resp: 12054
Ion Ratio Lower Upper
225 100
223 67.7 31.9 95.5
227 72.4 32.1 96.5

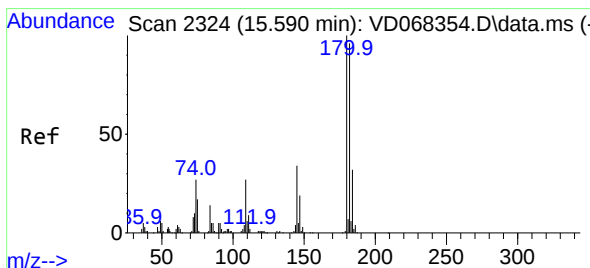
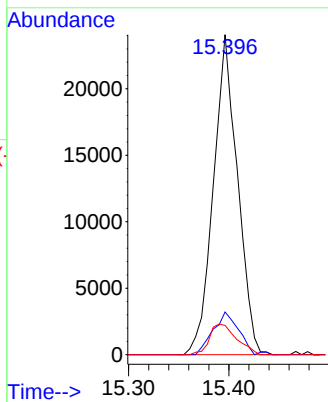
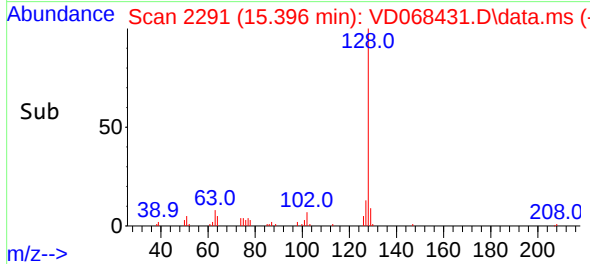




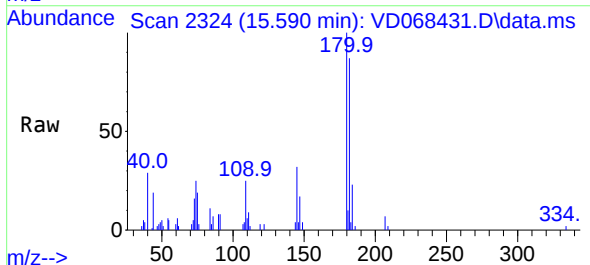
#95
Naphthalene
Concen: 5.24 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. -0.000 min
Lab File: VD068431.D
Acq: 24 Feb 2021 12:22



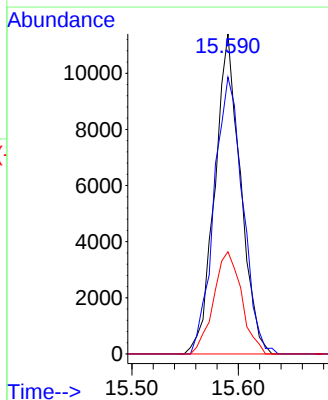
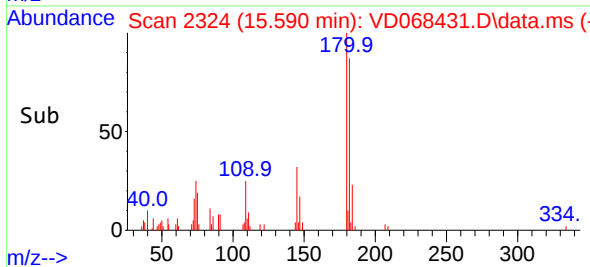
Tgt Ion:	128	Resp:	40223
Ion Ratio	Lower	Upper	
128	100		
127	14.3	10.2	15.2
129	10.8	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 5.30 ug/l
RT: 15.590 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VD068431.D
Acq: 24 Feb 2021 12:22



Tgt Ion:	180	Resp:	19082
Ion Ratio	Lower	Upper	
180	100		
182	96.6	48.3	144.8
145	34.6	16.7	50.1



Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

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2/25/2021 12:16:48 PM