

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031721\
 Data File : VD068638.D
 Acq On : 17 Mar 2021 15:25
 Operator : VA/SY
 Sample : M1458-02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LOQ-SOIL-02-QT1-2021

Manual Integrations
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Quant Time: Mar 18 01:30:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 18 01:28:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	226455	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	391274	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	366470	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.572	152	194673	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	108621	48.01	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.02%		
35) Dibromofluoromethane	7.914	113	117421	49.82	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.64%		
50) Toluene-d8	10.343	98	437347	46.58	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	93.16%		
62) 4-Bromofluorobenzene	12.631	95	147944	48.90	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	97.80%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	11373	5.18	ug/l	80
3) Chloromethane	2.208	50	15192	5.47	ug/l	92
4) Vinyl Chloride	2.350	62	18424	5.59	ug/l	96
5) Bromomethane	2.767	94	14091	6.00	ug/l	98
6) Chloroethane	2.926	64	11354	5.32	ug/l	90
7) Trichlorofluoromethane	3.273	101	22834	6.07	ug/l	94
8) Diethyl Ether	3.714	74	5981	5.34	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.091	101	12917	5.64	ug/l	96
10) Methyl Iodide	4.302	142	10861	4.46	ug/l	96
11) Tert butyl alcohol	5.214	59	5609m	46.43	ug/l	
12) 1,1-Dichloroethene	4.067	96	12655	5.56	ug/l #	83
13) Acrolein	3.932	56	3611	20.91	ug/l	99
14) Allyl chloride	4.720	41	15766	5.37	ug/l	92
15) Acrylonitrile	5.432	53	13800	29.19	ug/l	99
16) Acetone	4.161	43	10023	27.89	ug/l	94
17) Carbon Disulfide	4.408	76	40506	5.44	ug/l	100
18) Methyl Acetate	4.732	43	5500	5.94	ug/l #	65
19) Methyl tert-butyl Ether	5.485	73	28717	5.82	ug/l #	89
20) Methylene Chloride	4.973	84	25424	8.34	ug/l	95
21) trans-1,2-Dichloroethene	5.461	96	16650	6.13	ug/l	86
22) Diisopropyl ether	6.361	45	32071	4.96	ug/l #	92
23) Vinyl Acetate	6.308	43	75056	22.37	ug/l	99
24) 1,1-Dichloroethane	6.273	63	24680	5.57	ug/l	98
25) 2-Butanone	7.220	43	13543	26.21	ug/l #	85
26) 2,2-Dichloropropane	7.208	77	21613	5.85	ug/l	98
27) cis-1,2-Dichloroethene	7.208	96	15422	5.17	ug/l	92
28) Bromochloromethane	7.549	49	9795	5.66	ug/l #	79
29) Tetrahydrofuran	7.567	42	7991	23.82	ug/l	93
30) Chloroform	7.714	83	27198	5.81	ug/l	100
31) Cyclohexane	7.985	56	23908	5.81	ug/l #	95
32) 1,1,1-Trichloroethane	7.902	97	22593	5.66	ug/l	93
36) 1,1-Dichloropropene	8.114	75	20366	5.48	ug/l	97
37) Ethyl Acetate	7.285	43	5855	4.74	ug/l #	87
38) Carbon Tetrachloride	8.096	117	20326	5.82	ug/l	86
39) Methylcyclohexane	9.355	83	23417	5.11	ug/l	91
40) Benzene	8.349	78	58425	5.48	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	3454m	4.82	ug/l	
42) 1,2-Dichloroethane	8.426	62	16294	5.81	ug/l	99
43) Isopropyl Acetate	8.449	43	12257	5.40	ug/l	97
44) Trichloroethene	9.114	130	17019	5.81	ug/l	98
45) 1,2-Dichloropropane	9.390	63	14089	5.52	ug/l	97
46) Dibromomethane	9.479	93	7598	5.48	ug/l	92
47) Bromodichloromethane	9.667	83	19880	5.54	ug/l #	94
48) Methyl methacrylate	9.455	41	5996	4.96	ug/l	98
49) 1,4-Dioxane	9.473	88	1611	101.81	ug/l #	45
51) 4-Methyl-2-Pentanone	10.231	43	30559	25.75	ug/l	94
52) Toluene	10.402	92	37520	5.51	ug/l	94
53) t-1,3-Dichloropropene	10.620	75	17766	5.36	ug/l	92
54) cis-1,3-Dichloropropene	10.090	75	22075	5.45	ug/l	93
55) 1,1,2-Trichloroethane	10.802	97	10845	5.65	ug/l	96
56) Ethyl methacrylate	10.661	69	11236	5.09	ug/l #	93
57) 1,3-Dichloropropane	10.949	76	18247	5.44	ug/l	93
58) 2-Chloroethyl Vinyl ether	9.943	63	30318	27.38	ug/l	97
59) 2-Hexanone	10.984	43	20127	25.44	ug/l	97
60) Dibromochloromethane	11.137	129	13853	5.83	ug/l	92
61) 1,2-Dibromoethane	11.249	107	10347	5.51	ug/l	97
64) Tetrachloroethene	10.879	164	14603	6.10	ug/l	90
65) Chlorobenzene	11.667	112	40007	5.36	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.743	131	14475	5.58	ug/l	97
67) Ethyl Benzene	11.743	91	68108	5.11	ug/l	93
68) m/p-Xylenes	11.849	106	53293	10.53	ug/l	95
69) o-Xylene	12.178	106	23271	4.99	ug/l	99
70) Styrene	12.190	104	41236	5.17	ug/l	97
71) Bromoform	12.361	173	7138	5.42	ug/l #	99
73) Isopropylbenzene	12.478	105	64036	4.44	ug/l	99
74) N-amyl acetate	12.284	43	10191	4.14	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.725	83	12117	4.88	ug/l	95
76) 1,2,3-Trichloropropane	12.778	75	8695m	5.03	ug/l	
77) Bromobenzene	12.761	156	17681	5.37	ug/l	98
78) n-propylbenzene	12.820	91	83193	4.82	ug/l	100
79) 2-Chlorotoluene	12.902	91	47590	4.97	ug/l	98
80) 1,3,5-Trimethylbenzene	12.955	105	57278	4.84	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.525	75	3298	4.45	ug/l	96
82) 4-Chlorotoluene	13.002	91	49939	4.96	ug/l	97
83) tert-Butylbenzene	13.220	119	45795	4.55	ug/l	97
84) 1,2,4-Trimethylbenzene	13.267	105	54794	4.62	ug/l	95
85) sec-Butylbenzene	13.402	105	69235	4.86	ug/l	97
86) p-Isopropyltoluene	13.514	119	63089	4.88	ug/l	100
87) 1,3-Dichlorobenzene	13.514	146	36078	5.67	ug/l	98
88) 1,4-Dichlorobenzene	13.590	146	36200	5.74	ug/l	97
89) n-Butylbenzene	13.837	91	60839	4.88	ug/l	97
90) Hexachloroethane	14.108	117	11060	4.31	ug/l	93
91) 1,2-Dichlorobenzene	13.884	146	30575	5.60	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.496	75	2240	5.12	ug/l	82
93) 1,2,4-Trichlorobenzene	15.161	180	19755	4.69	ug/l	98
94) Hexachlorobutadiene	15.261	225	10943	4.68	ug/l	95
95) Naphthalene	15.396	128	32002	4.19	ug/l	98
96) 1,2,3-Trichlorobenzene	15.584	180	18126	4.97	ug/l	89

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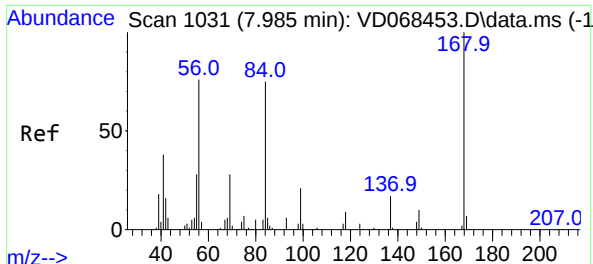
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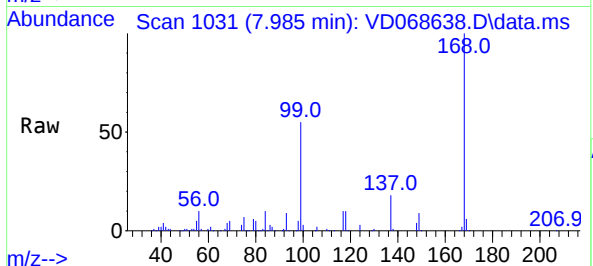
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068638.D
Acq: 17 Mar 2021 15:25

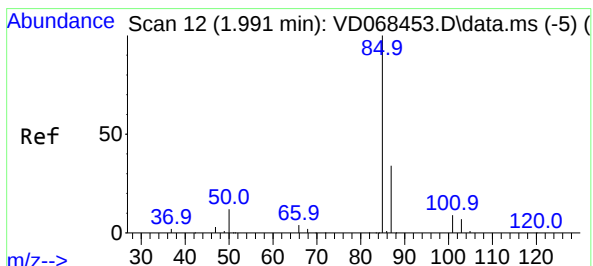
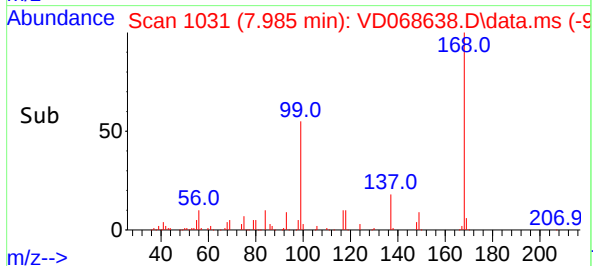
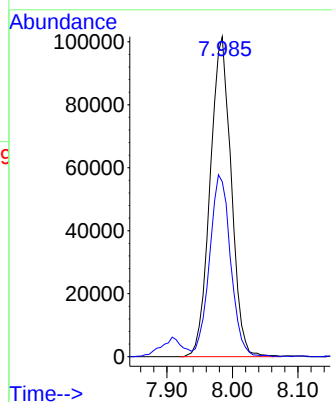
Instrument :
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ClientSampleId :
LOQ-SOIL-02-QT1-2021



Tgt Ion:168 Resp: 226455
Ion Ratio Lower Upper
168 100
99 54.7 43.5 65.3

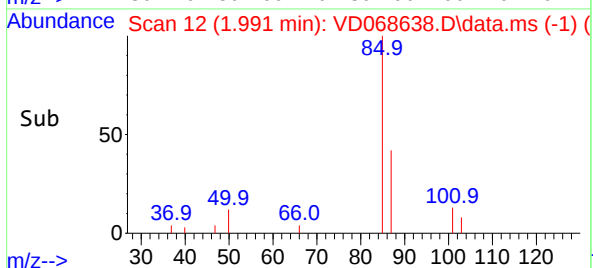
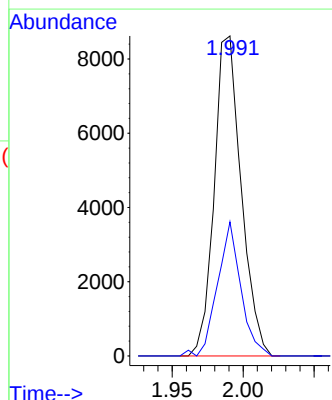
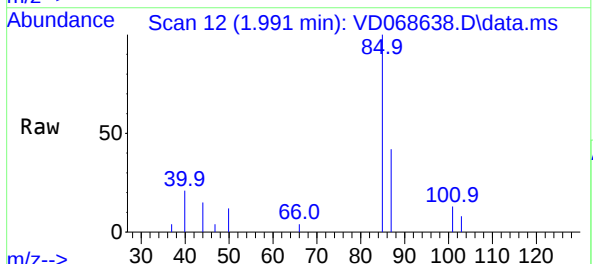
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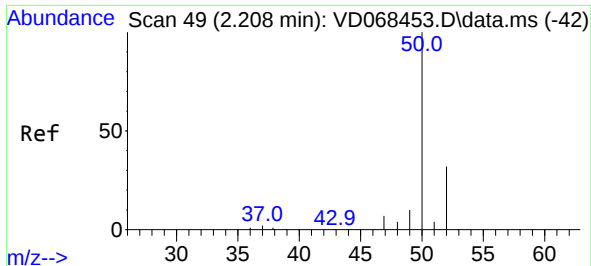
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Dichlorodifluoromethane
Concen: 5.18 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD068638.D
Acq: 17 Mar 2021 15:25

Tgt Ion: 85 Resp: 11373
Ion Ratio Lower Upper
85 100
87 41.9 15.4 46.1





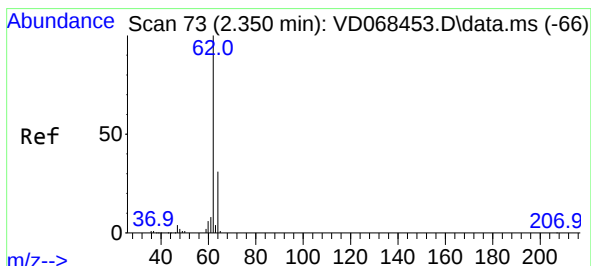
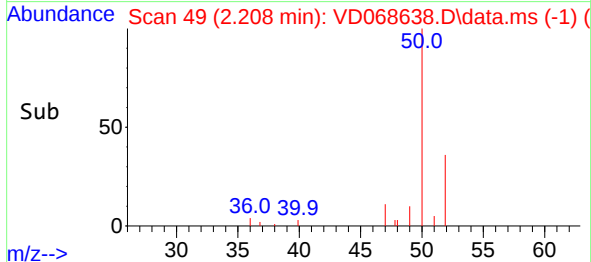
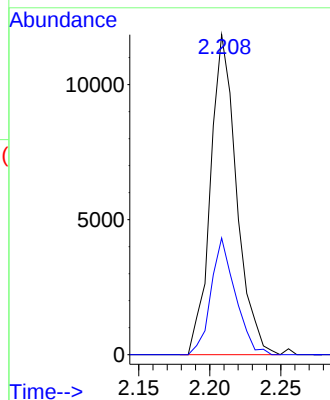
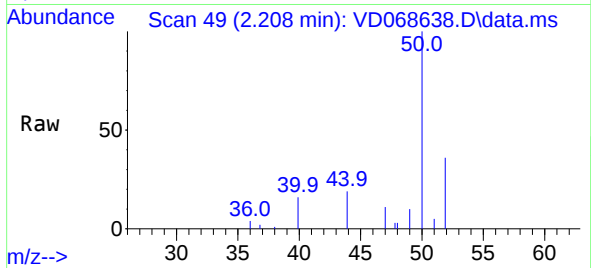
#3
Chloromethane
Concen: 5.47 ug/l
RT: 2.208 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD068638.D
Acq: 17 Mar 2021 15:25

Tgt Ion: 50 Resp: 15192
Ion Ratio Lower Upper
50 100
52 36.5 25.4 38.2

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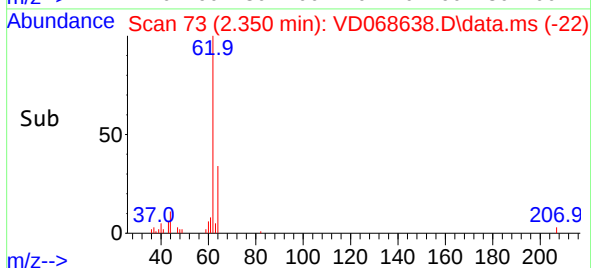
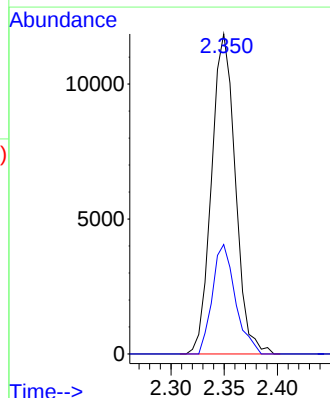
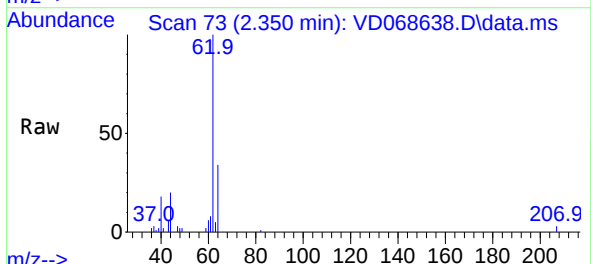
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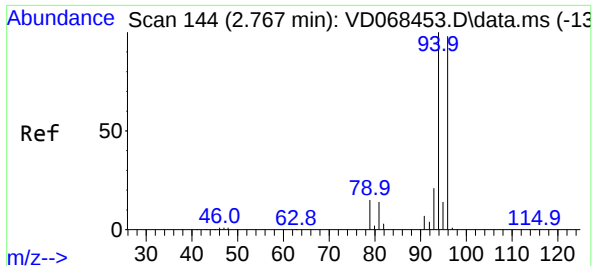
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#4
Vinyl Chloride
Concen: 5.59 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.000 min
Lab File: VD068638.D
Acq: 17 Mar 2021 15:25

Tgt Ion: 62 Resp: 18424
Ion Ratio Lower Upper
62 100
64 34.2 25.4 38.2





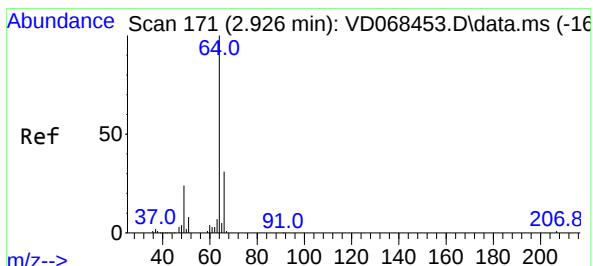
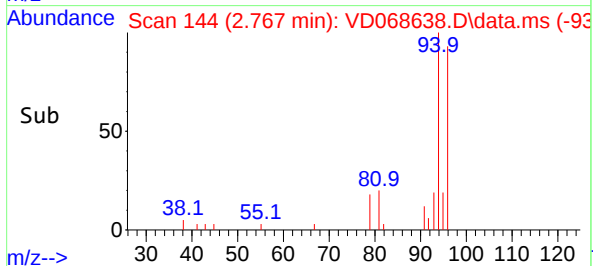
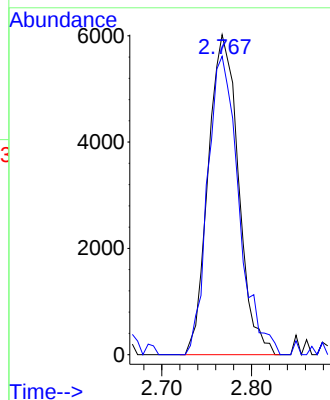
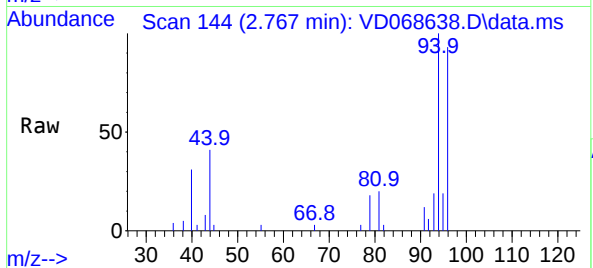
#5
Bromomethane
Concen: 6.00 ug/l
RT: 2.767 min Scan# 144
Delta R.T. -0.000 min
Lab File: VD068638.D
Acq: 17 Mar 2021 15:25

Tgt Ion: 94 Resp: 14091
Ion Ratio Lower Upper
94 100
96 93.3 75.8 113.8

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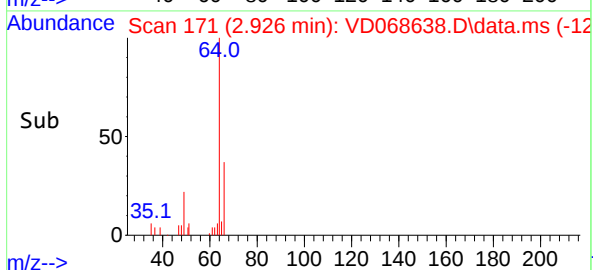
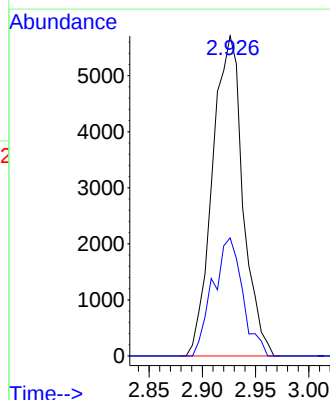
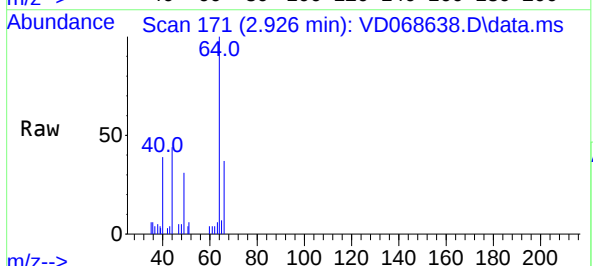
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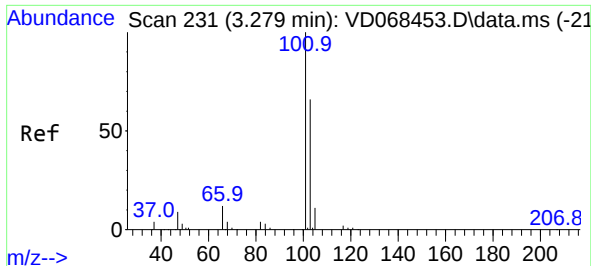
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#6
Chloroethane
Concen: 5.32 ug/l
RT: 2.926 min Scan# 171
Delta R.T. 0.000 min
Lab File: VD068638.D
Acq: 17 Mar 2021 15:25

Tgt Ion: 64 Resp: 11354
Ion Ratio Lower Upper
64 100
66 36.9 25.1 37.7





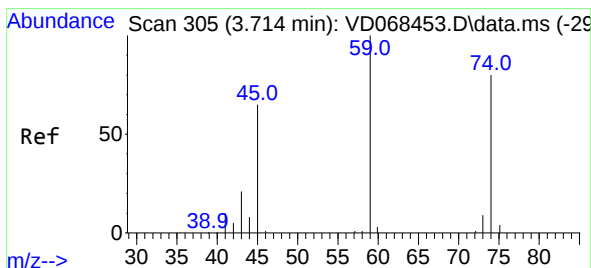
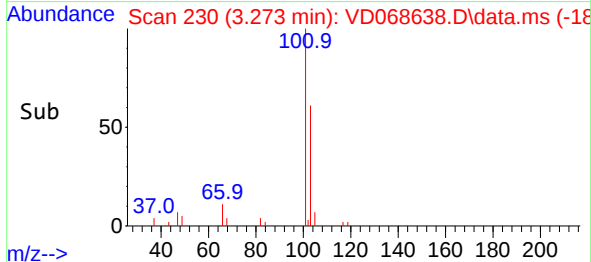
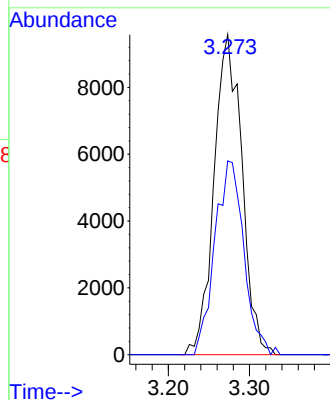
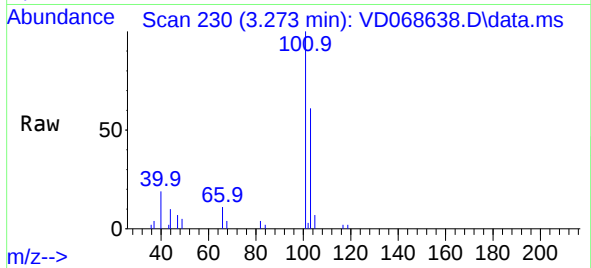
#7
Trichlorofluoromethane
Concen: 6.07 ug/l
RT: 3.273 min Scan# 230
Delta R.T. -0.006 min
Lab File: VD068638.D
Acq: 17 Mar 2021 15:25

Tgt Ion:101 Resp: 22834
Ion Ratio Lower Upper
101 100
103 60.5 52.0 78.0

Instrument :
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ClientSampleId :
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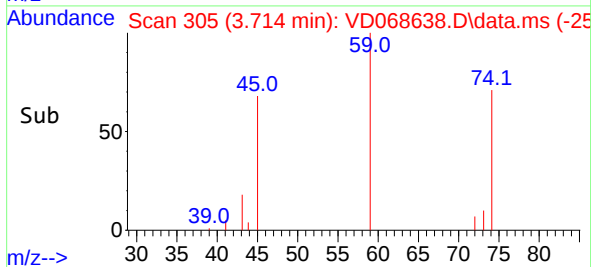
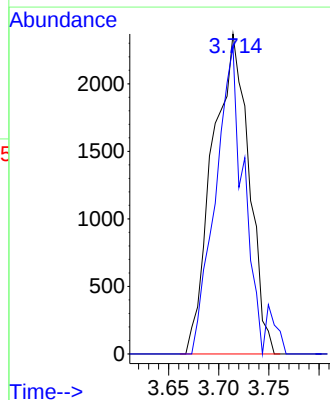
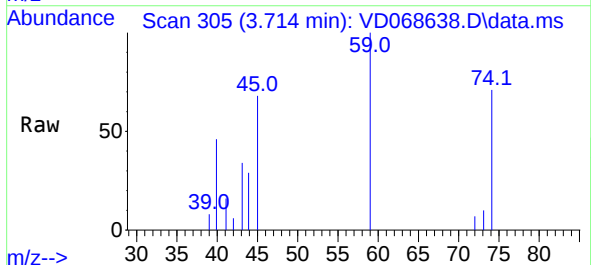
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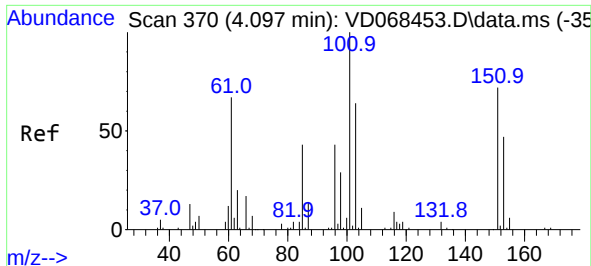
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#8
Diethyl Ether
Concen: 5.34 ug/l
RT: 3.714 min Scan# 305
Delta R.T. 0.000 min
Lab File: VD068638.D
Acq: 17 Mar 2021 15:25

Tgt Ion: 74 Resp: 5981
Ion Ratio Lower Upper
74 100
45 74.4 42.1 126.4





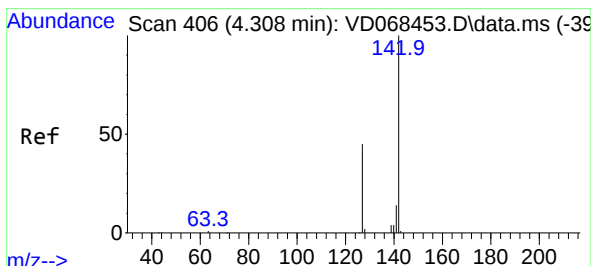
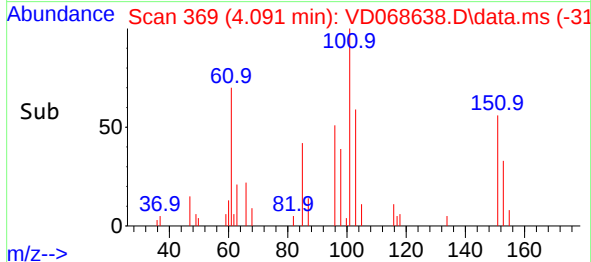
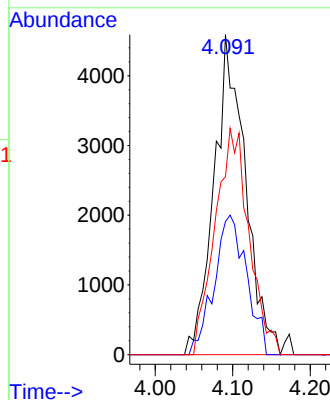
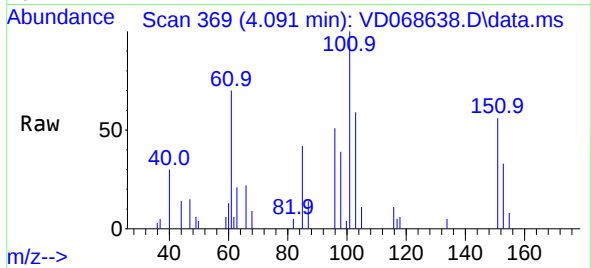
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.64 ug/l
RT: 4.091 min Scan# 369
Delta R.T. -0.006 min
Lab File: VD068638.D
Acq: 17 Mar 2021 15:25

Tgt Ion:	101	Resp:	12917
Ion	Ratio	Lower	Upper
101	100		
85	45.1	34.0	51.0
151	76.7	64.1	96.1

Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2021

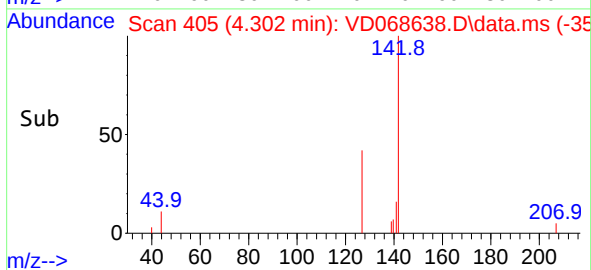
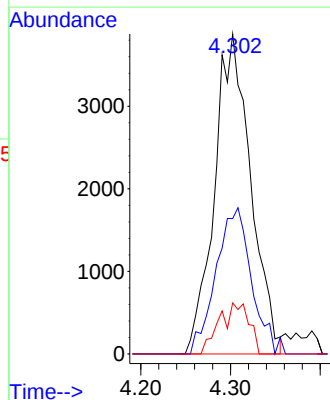
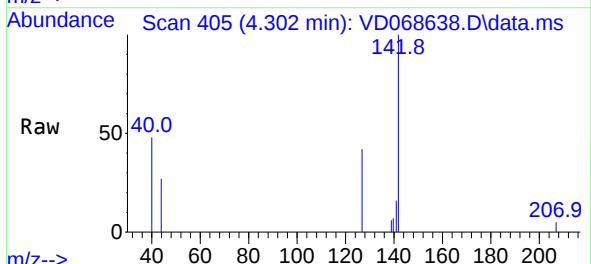
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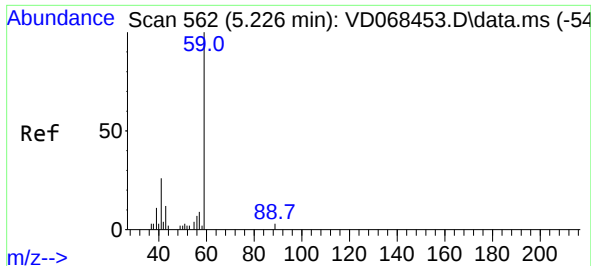
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#10
Methyl Iodide
Concen: 4.46 ug/l
RT: 4.302 min Scan# 405
Delta R.T. -0.006 min
Lab File: VD068638.D
Acq: 17 Mar 2021 15:25

Tgt Ion:	142	Resp:	10861
Ion	Ratio	Lower	Upper
142	100		
127	44.8	37.9	56.9
141	13.1	11.5	17.3





#11

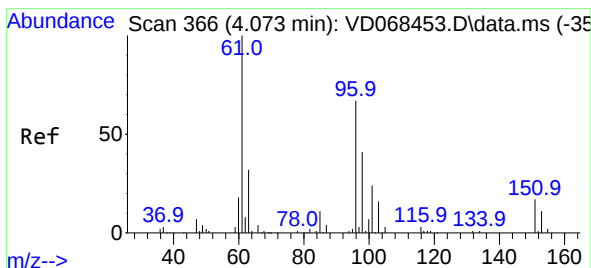
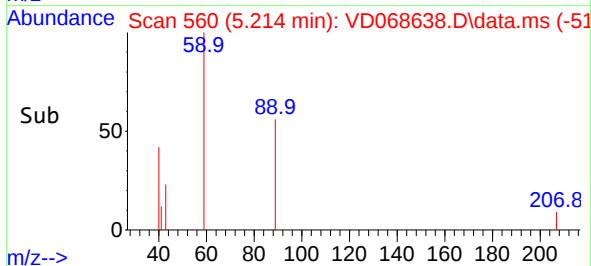
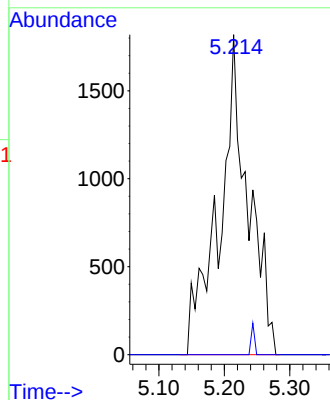
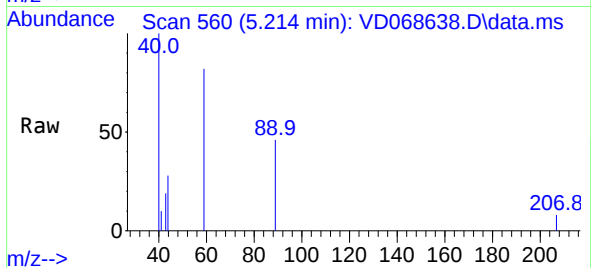
Tert butyl alcohol
Concen: 46.43 ug/l m
RT: 5.214 min Scan# 560
Delta R.T. -0.012 min
Lab File: VD068638.D
Acq: 17 Mar 2021 15:25

Tgt Ion: 59 Resp: 5609
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2021

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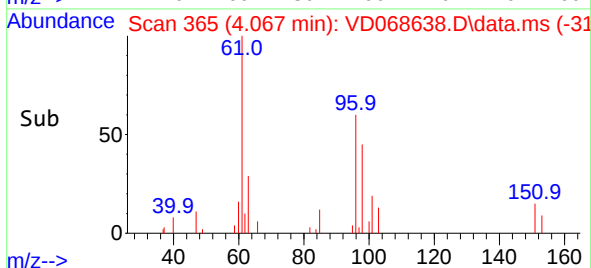
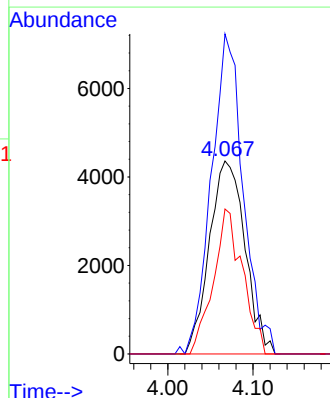
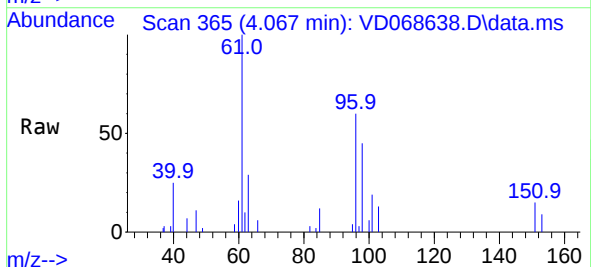
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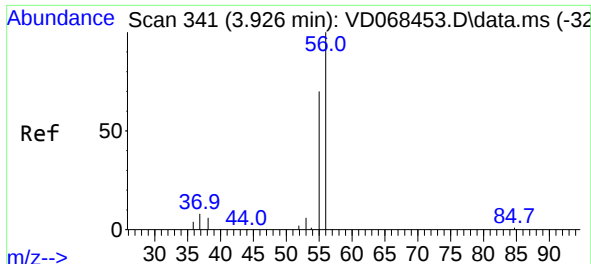


#12

1,1-Dichloroethene
Concen: 5.56 ug/l
RT: 4.067 min Scan# 365
Delta R.T. -0.006 min
Lab File: VD068638.D
Acq: 17 Mar 2021 15:25

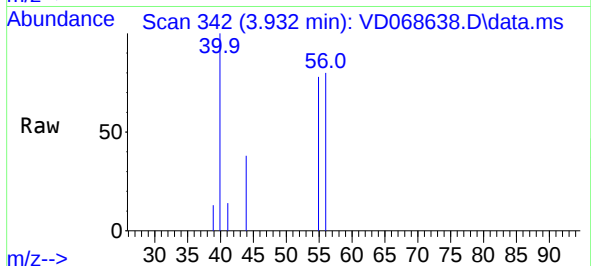
Tgt Ion: 96 Resp: 12655
Ion Ratio Lower Upper
96 100
61 165.8 116.2 174.4
98 75.1 48.6 73.0#





#13
Acrolein
Concen: 20.91 ug/l
RT: 3.932 min Scan# 342
Delta R.T. 0.006 min
Lab File: VD068638.D
Acq: 17 Mar 2021 15:25

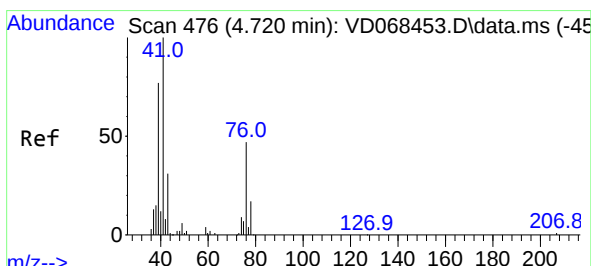
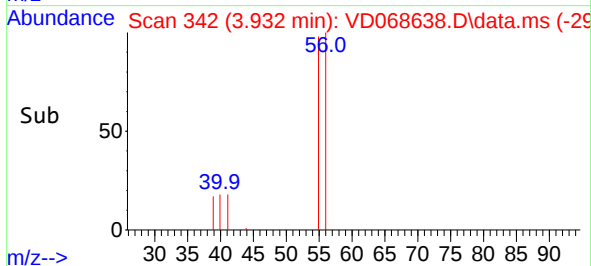
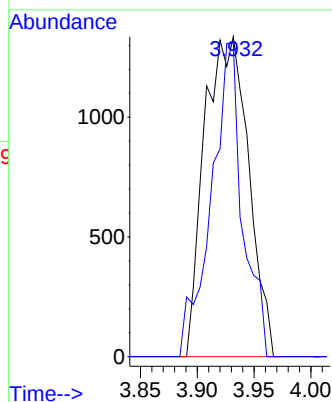
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2021



Tgt Ion: 56 Resp: 3611
Ion Ratio Lower Upper
56 100
55 70.0 56.5 84.7

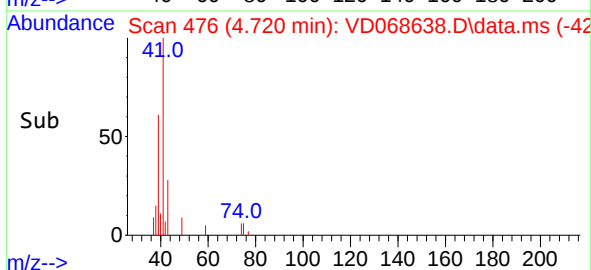
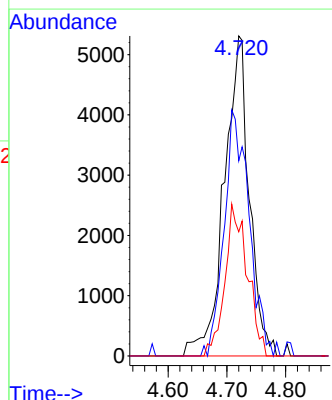
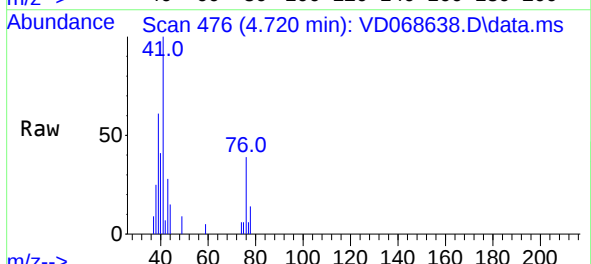
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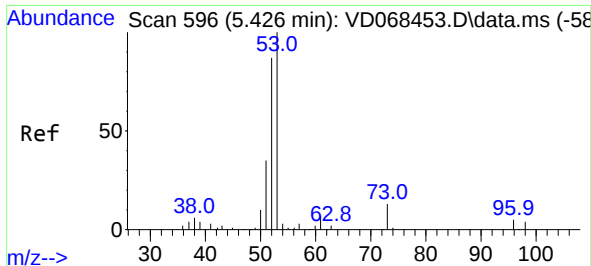
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#14
Allyl chloride
Concen: 5.37 ug/l
RT: 4.720 min Scan# 476
Delta R.T. -0.000 min
Lab File: VD068638.D
Acq: 17 Mar 2021 15:25

Tgt Ion: 41 Resp: 15766
Ion Ratio Lower Upper
41 100
39 76.8 56.3 84.5
76 42.4 38.9 58.3





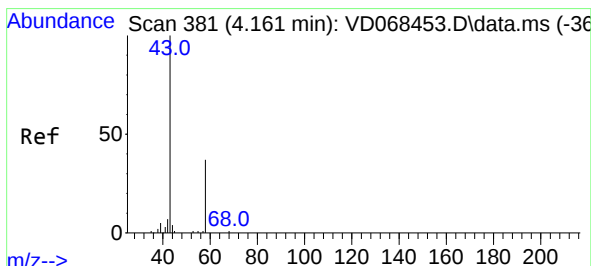
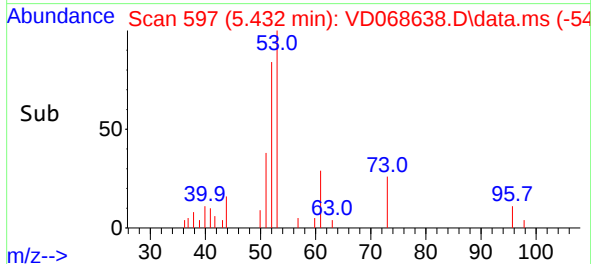
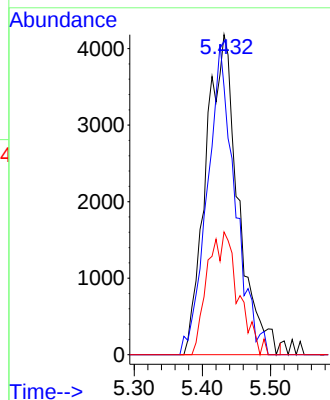
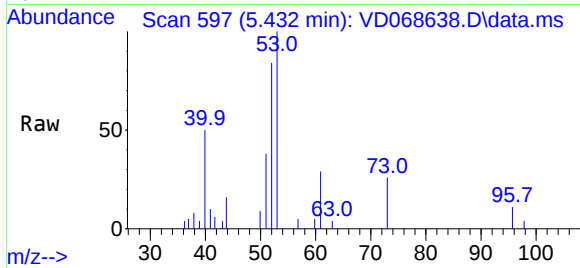
#15
Acrylonitrile
Concen: 29.19 ug/l
RT: 5.432 min Scan# 597
Delta R.T. 0.006 min
Lab File: VD068638.D
Acq: 17 Mar 2021 15:25

Tgt Ion:	53	Resp:	13800
Ion	Ratio	Lower	Upper
53	100		
52	83.3	66.2	99.2
51	36.8	29.0	43.4

Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2021

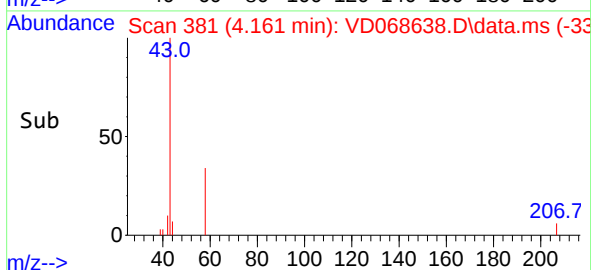
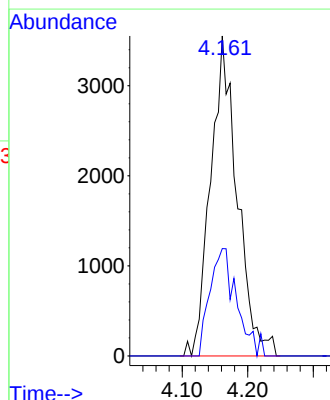
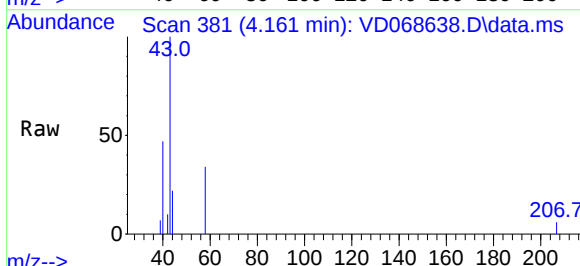
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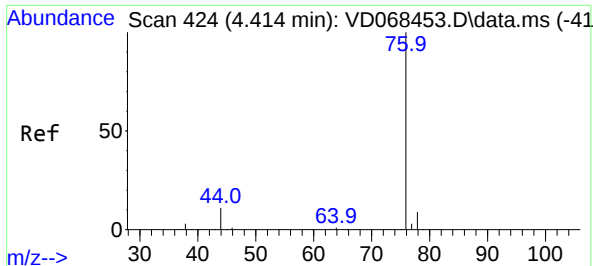
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#16
Acetone
Concen: 27.89 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068638.D
Acq: 17 Mar 2021 15:25

Tgt Ion:	43	Resp:	10023
Ion	Ratio	Lower	Upper
43	100		
58	33.5	24.2	36.4





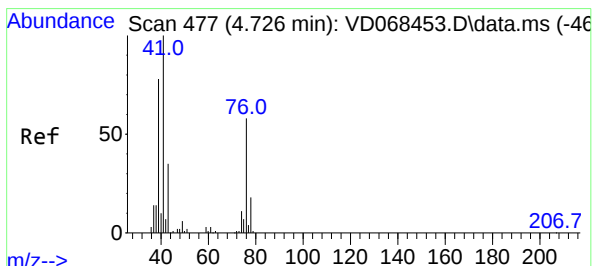
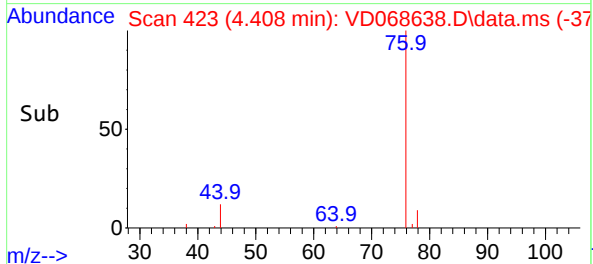
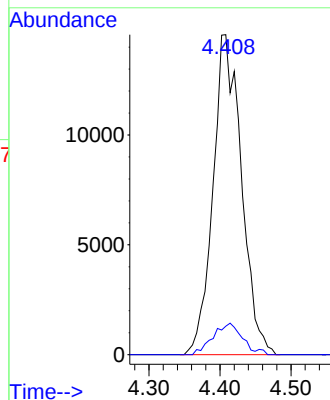
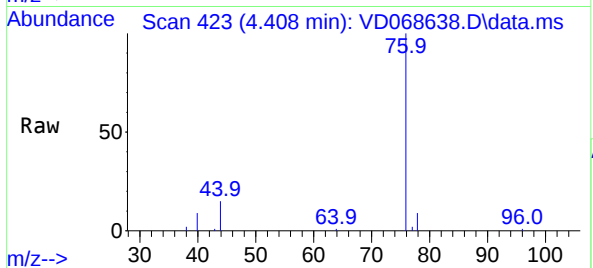
#17
Carbon Disulfide
Concen: 5.44 ug/l
RT: 4.408 min Scan# 423
Delta R.T. -0.006 min
Lab File: VD068638.D
Acq: 17 Mar 2021 15:25

Tgt Ion: 76 Resp: 40506
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9

Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2021

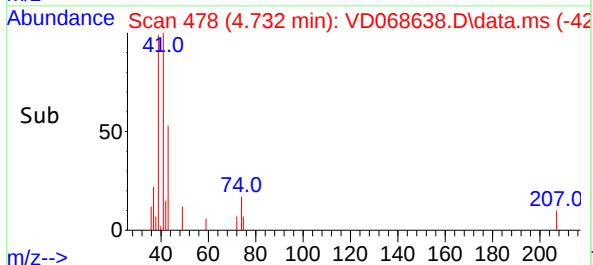
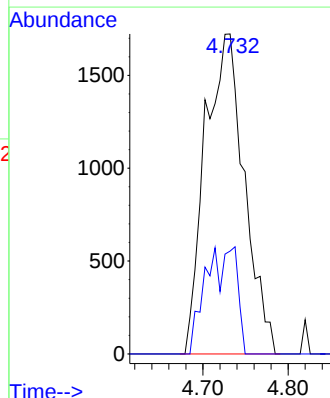
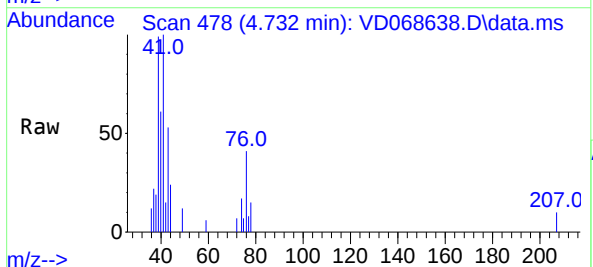
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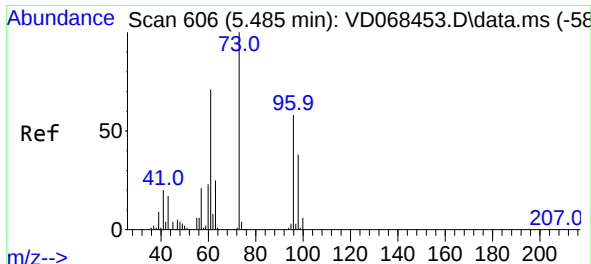
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#18
Methyl Acetate
Concen: 5.94 ug/l
RT: 4.732 min Scan# 478
Delta R.T. 0.006 min
Lab File: VD068638.D
Acq: 17 Mar 2021 15:25

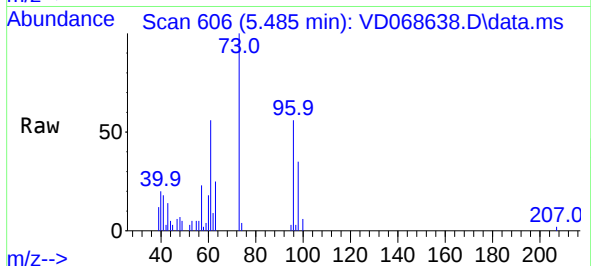
Tgt Ion: 43 Resp: 5500
Ion Ratio Lower Upper
43 100
74 12.3 25.4 38.0#





#19
Methyl tert-butyl Ether
Concen: 5.82 ug/l
RT: 5.485 min Scan# 606
Delta R.T. -0.000 min
Lab File: VD068638.D
Acq: 17 Mar 2021 15:25

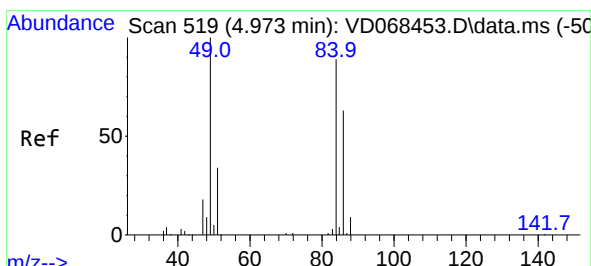
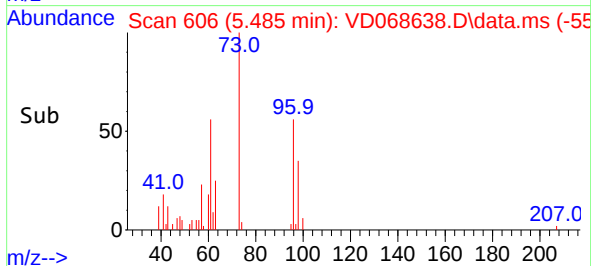
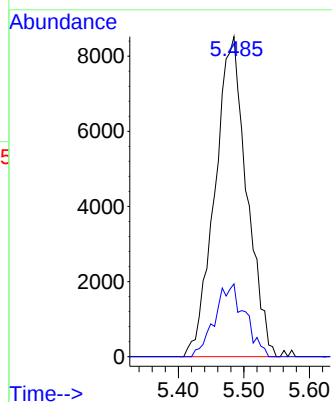
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2021



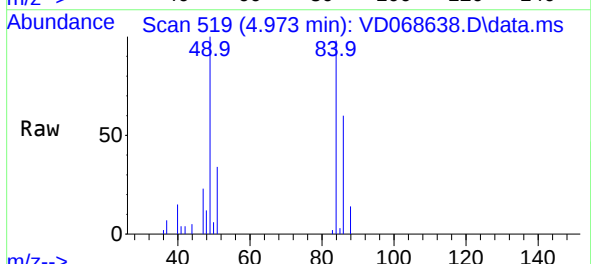
Tgt Ion: 73 Resp: 28717
Ion Ratio Lower Upper
73 100
57 22.8 14.4 21.6#

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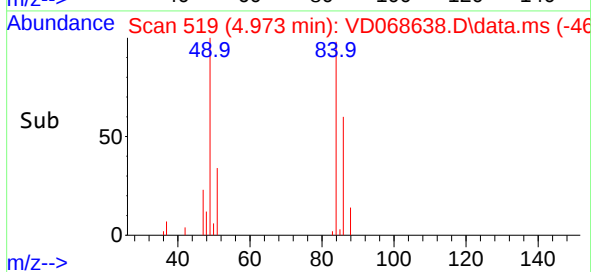
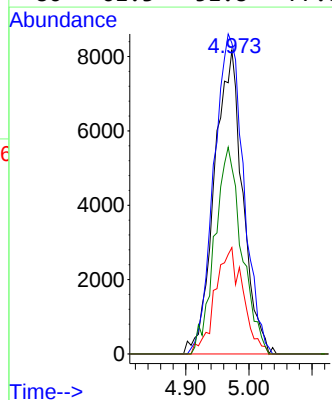
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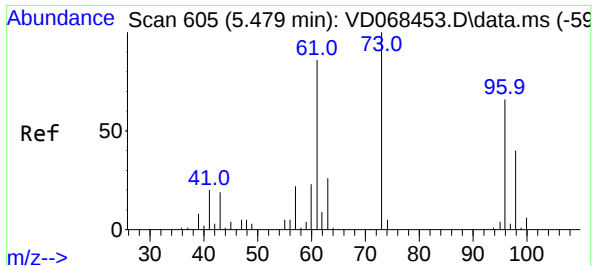


#20
Methylene Chloride
Concen: 8.34 ug/l
RT: 4.973 min Scan# 519
Delta R.T. -0.000 min
Lab File: VD068638.D
Acq: 17 Mar 2021 15:25

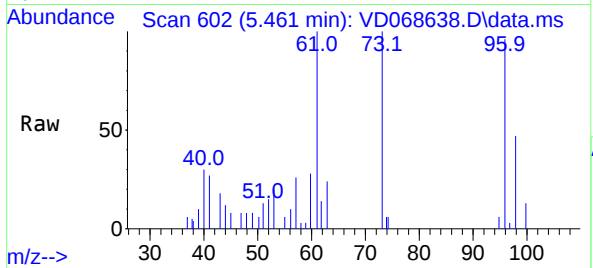


Tgt Ion: 84 Resp: 25424
Ion Ratio Lower Upper
84 100
49 102.4 77.4 116.2
51 35.1 26.1 39.1
86 61.3 51.8 77.8



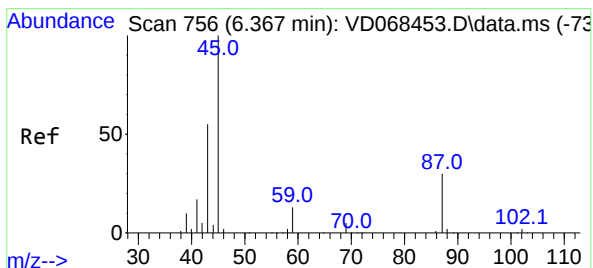
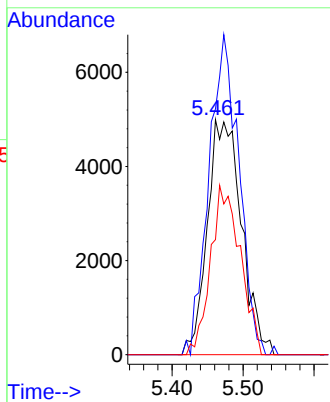
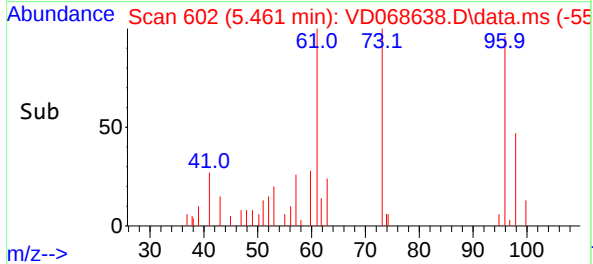


#21
trans-1,2-Dichloroethene
Concen: 6.13 ug/l
RT: 5.461 min Scan# 602
Delta R.T. -0.018 min
Lab File: VD068638.D
Acq: 17 Mar 2021 15:25

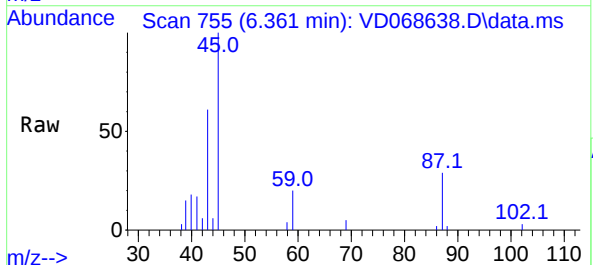


Tgt Ion: 96 Resp: 16650

Ion	Ratio	Lower	Upper
96	100		
61	104.6	96.7	145.1
98	48.9	47.6	71.4

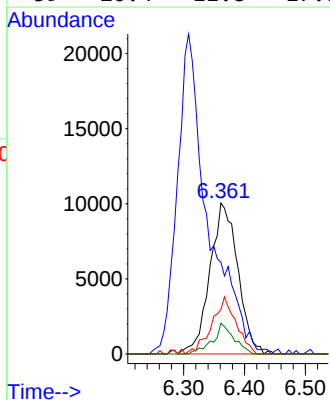
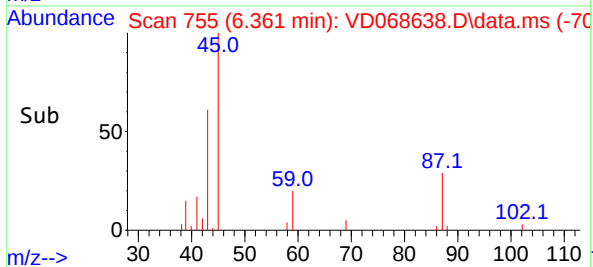


#22
Diisopropyl ether
Concen: 4.96 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.006 min
Lab File: VD068638.D
Acq: 17 Mar 2021 15:25



Tgt Ion: 45 Resp: 32071

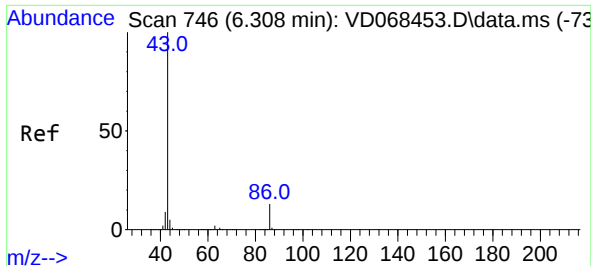
Ion	Ratio	Lower	Upper
45	100		
43	57.7	43.9	65.9
87	29.5	29.9	44.9#
59	20.4	11.8	17.8#



Instrument :
MSVOA_D
ClientSampleId :
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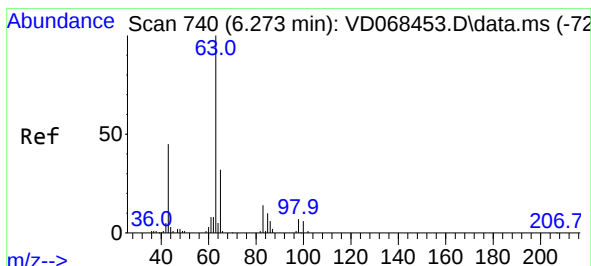
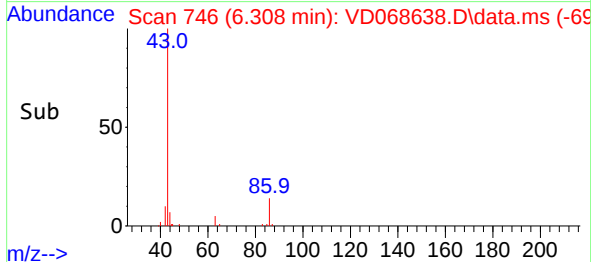
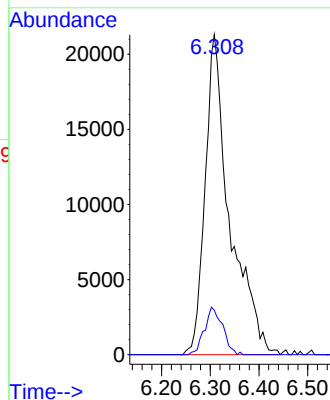
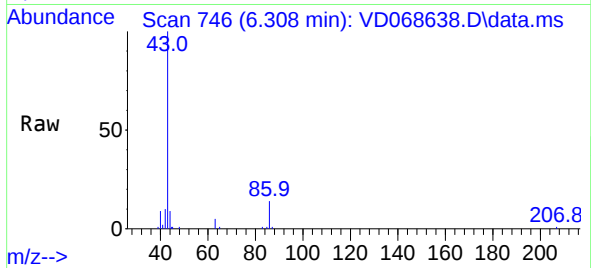
#23
 Vinyl Acetate
 Concen: 22.37 ug/l
 RT: 6.308 min Scan# 746
 Delta R.T. -0.000 min
 Lab File: VD068638.D
 Acq: 17 Mar 2021 15:25

Tgt Ion: 43 Resp: 75056
 Ion Ratio Lower Upper
 43 100
 86 13.9 10.8 16.2

Instrument :
 MSVOA_D
 ClientSampleId :
 LOQ-SOIL-02-QT1-2021

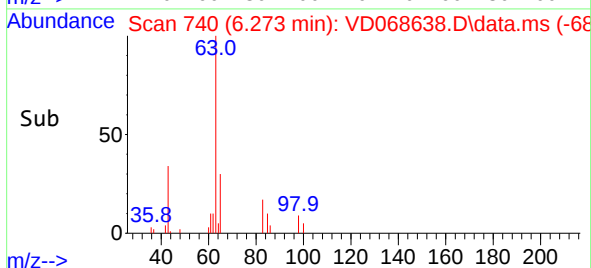
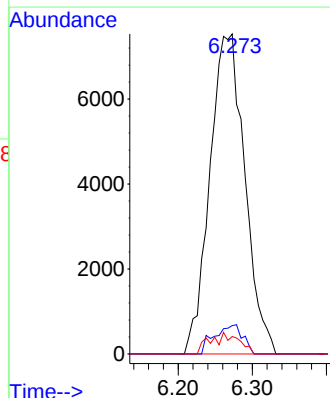
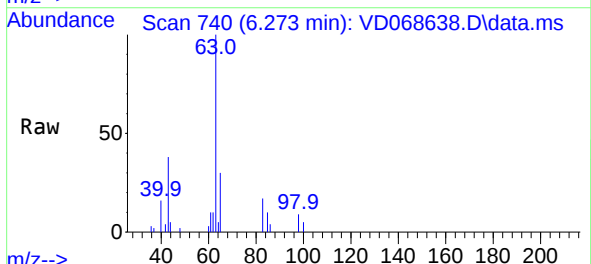
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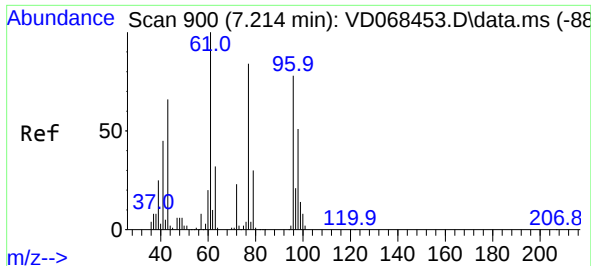
MMDadoda
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#24
 1,1-Dichloroethane
 Concen: 5.57 ug/l
 RT: 6.273 min Scan# 740
 Delta R.T. 0.000 min
 Lab File: VD068638.D
 Acq: 17 Mar 2021 15:25

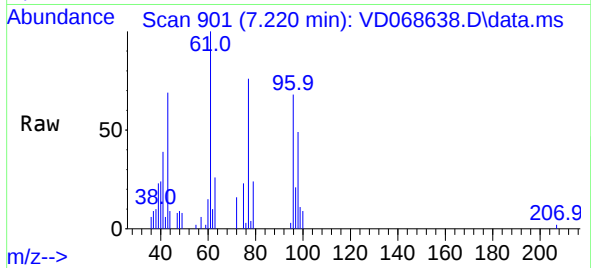
Tgt Ion: 63 Resp: 24680
 Ion Ratio Lower Upper
 63 100
 98 8.8 3.8 11.4
 100 5.4 2.6 8.0





#25
2-Butanone
Concen: 26.21 ug/l
RT: 7.220 min Scan# 901
Delta R.T. 0.006 min
Lab File: VD068638.D
Acq: 17 Mar 2021 15:25

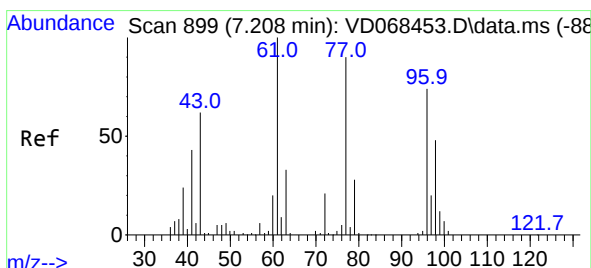
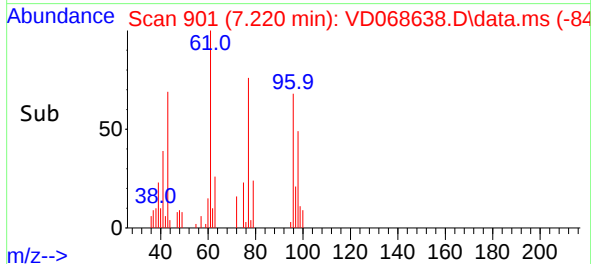
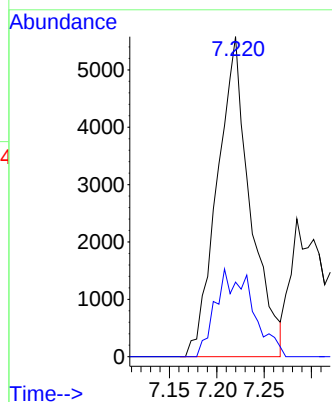
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2021



Tgt Ion: 43 Resp: 13543
Ion Ratio Lower Upper
43 100
72 23.3 25.1 37.7#

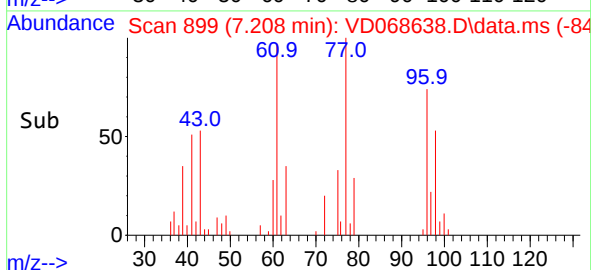
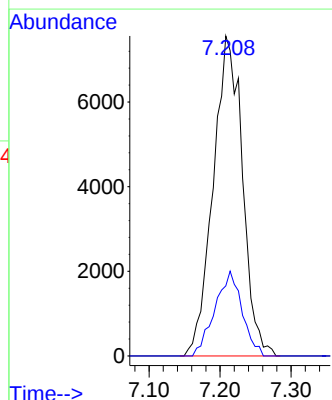
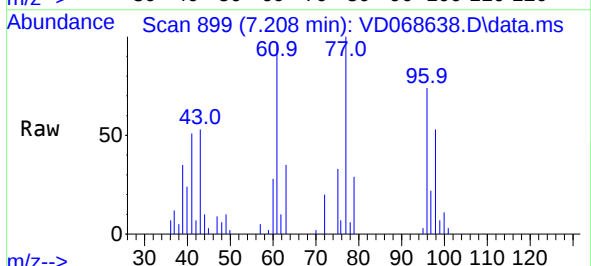
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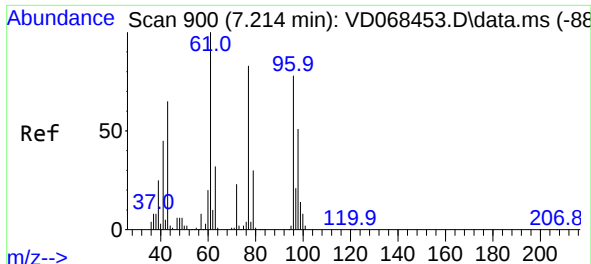
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#26
2,2-Dichloropropane
Concen: 5.85 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD068638.D
Acq: 17 Mar 2021 15:25

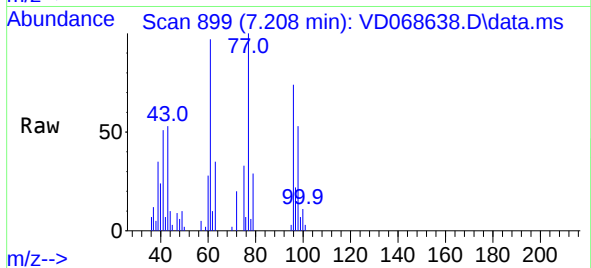
Tgt Ion: 77 Resp: 21613
Ion Ratio Lower Upper
77 100
97 24.6 11.7 35.1





#27
cis-1,2-Dichloroethene
Concen: 5.17 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD068638.D
Acq: 17 Mar 2021 15:25

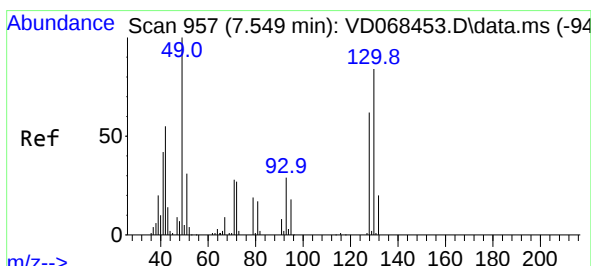
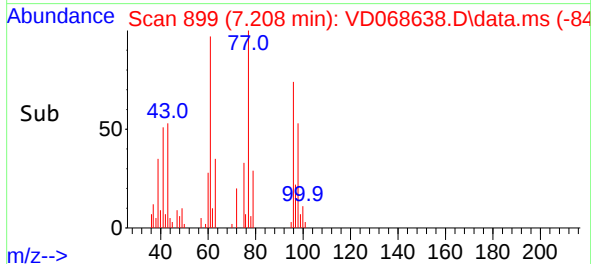
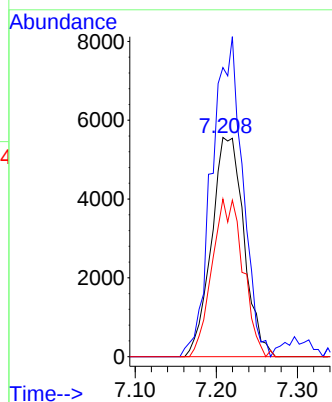
Instrument :
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Tgt Ion:	96	Resp:	15422
Ion	Ratio	Lower	Upper
96	100		
61	138.4	0.0	257.4
98	69.1	0.0	126.6

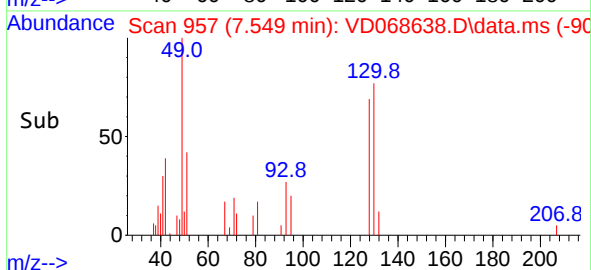
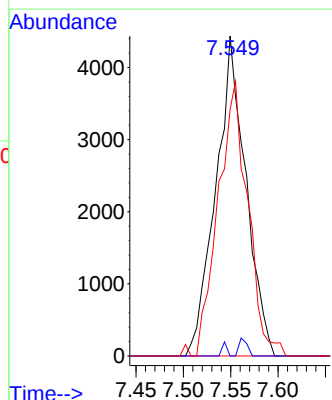
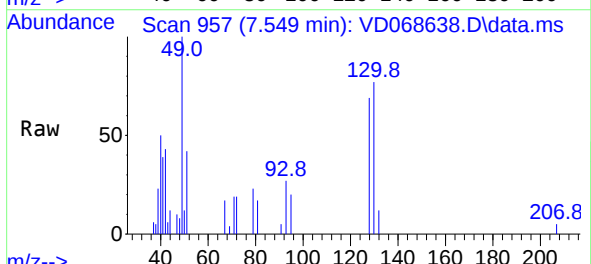
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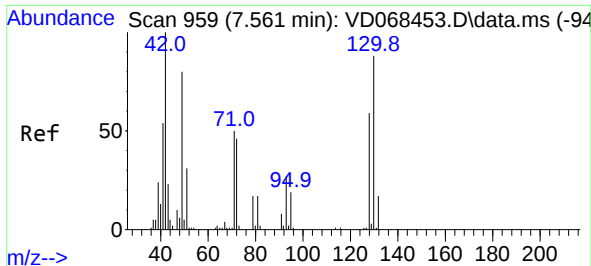
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#28
Bromochloromethane
Concen: 5.66 ug/l
RT: 7.549 min Scan# 957
Delta R.T. -0.000 min
Lab File: VD068638.D
Acq: 17 Mar 2021 15:25

Tgt Ion:	49	Resp:	9795
Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	4.8
130	85.2	85.5	128.3#





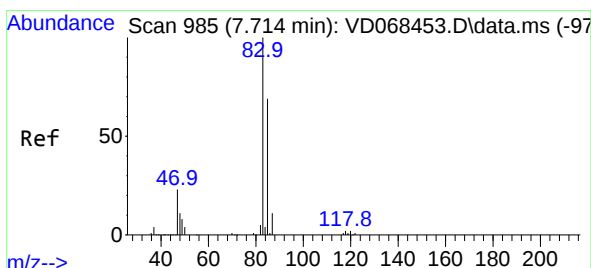
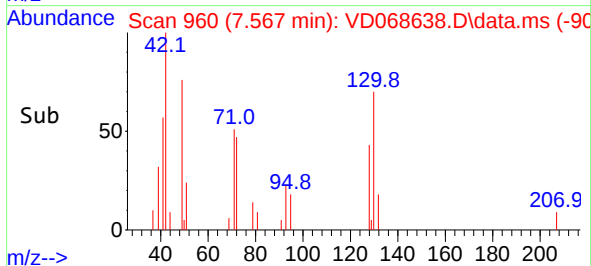
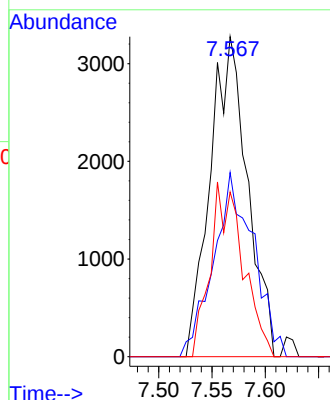
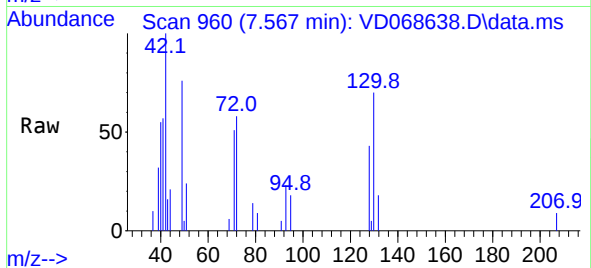
#29
Tetrahydrofuran
Concen: 23.82 ug/l
RT: 7.567 min Scan# 960
Delta R.T. 0.006 min
Lab File: VD068638.D
Acq: 17 Mar 2021 15:25

Tgt Ion:	42	Resp:	7991
Ion	Ratio	Lower	Upper
42	100		
72	60.9	43.4	65.0
71	47.5	40.8	61.2

Instrument :
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ClientSampleId :
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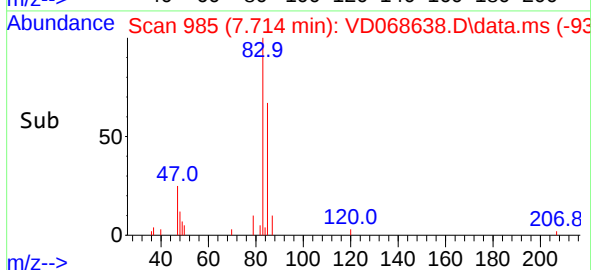
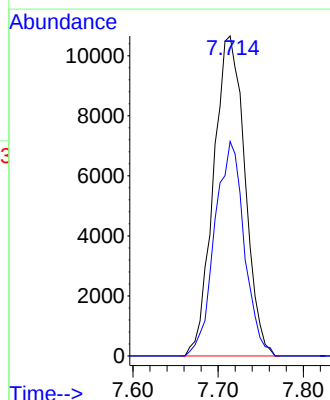
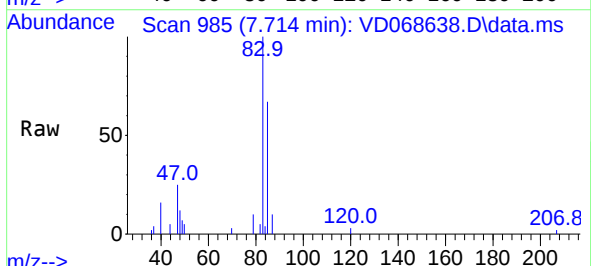
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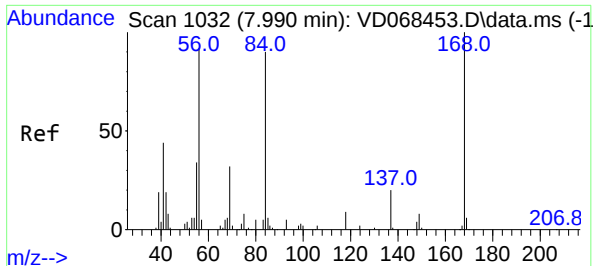
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#30
Chloroform
Concen: 5.81 ug/l
RT: 7.714 min Scan# 985
Delta R.T. 0.000 min
Lab File: VD068638.D
Acq: 17 Mar 2021 15:25

Tgt Ion:	83	Resp:	27198
Ion	Ratio	Lower	Upper
83	100		
85	67.0	53.4	80.0





#31

Cyclohexane

Concen: 5.81 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VD068638.D

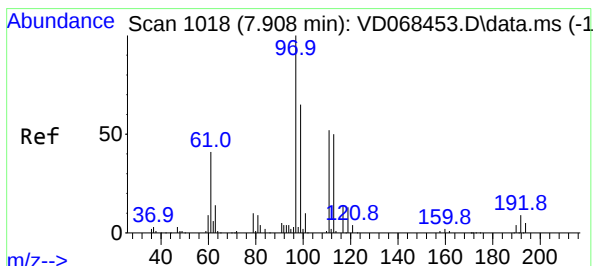
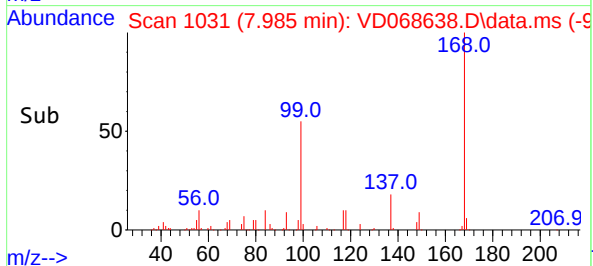
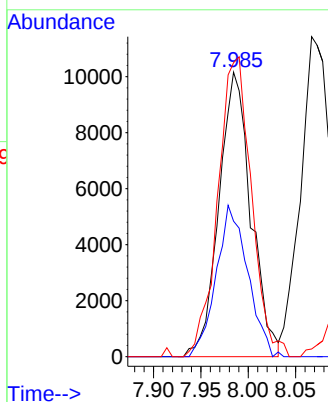
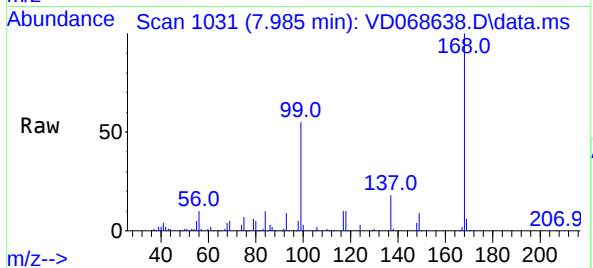
Acq: 17 Mar 2021 15:25

Tgt Ion:	56	Resp:	23908
Ion	Ratio	Lower	Upper
56	100		
69	47.6	30.1	45.1#
84	103.3	82.1	123.1

Instrument :
MSVOA_D
ClientSampleId :
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#32

1,1,1-Trichloroethane

Concen: 5.66 ug/l

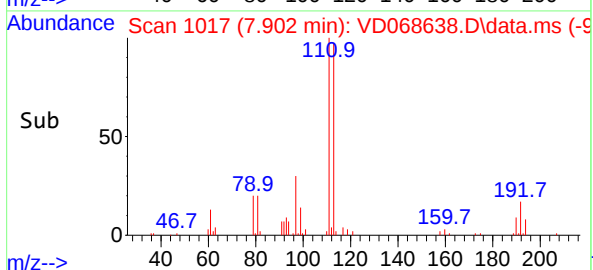
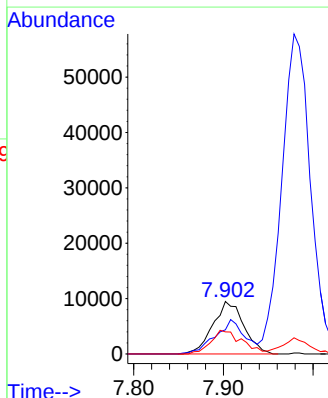
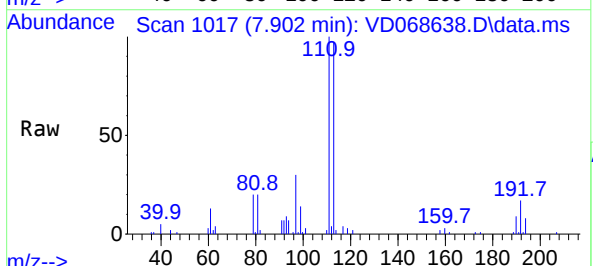
RT: 7.902 min Scan# 1017

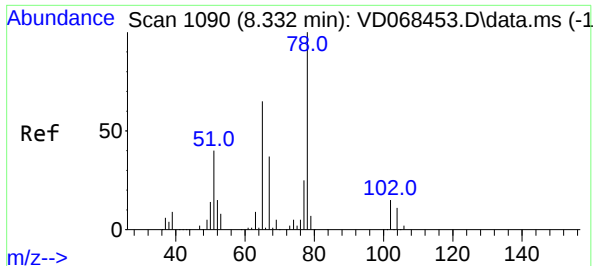
Delta R.T. -0.006 min

Lab File: VD068638.D

Acq: 17 Mar 2021 15:25

Tgt Ion:	97	Resp:	22593
Ion	Ratio	Lower	Upper
97	100		
99	62.4	52.1	78.1
61	44.9	30.1	45.1





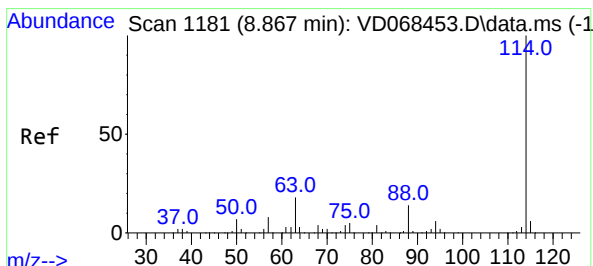
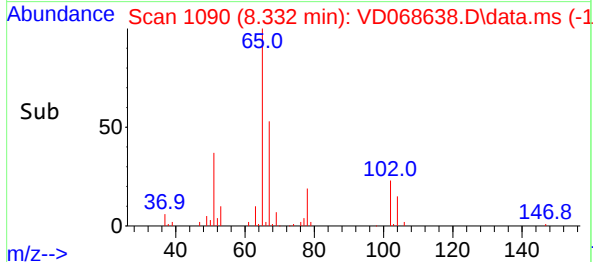
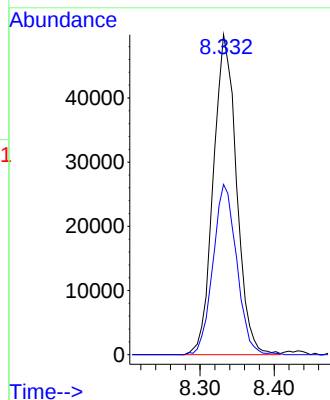
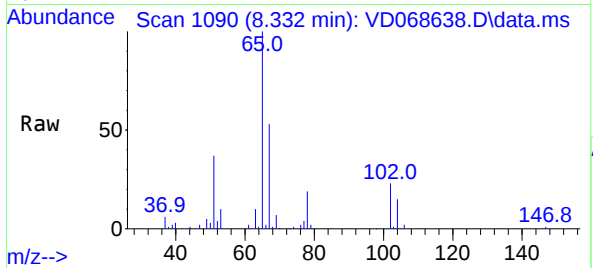
#33
1,2-Dichloroethane-d4
Concen: 48.01 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068638.D
Acq: 17 Mar 2021 15:25

Tgt Ion: 65 Resp: 108621
Ion Ratio Lower Upper
65 100
67 54.0 0.0 105.0

Instrument :
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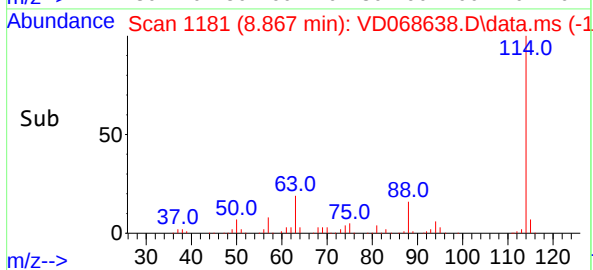
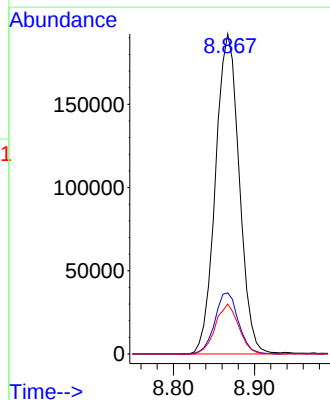
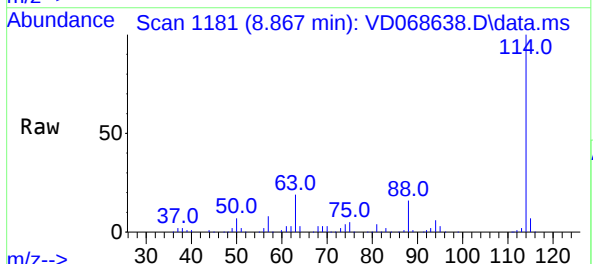
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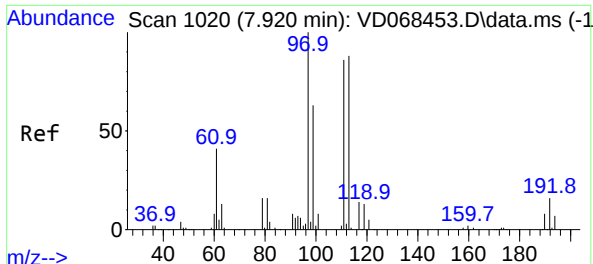
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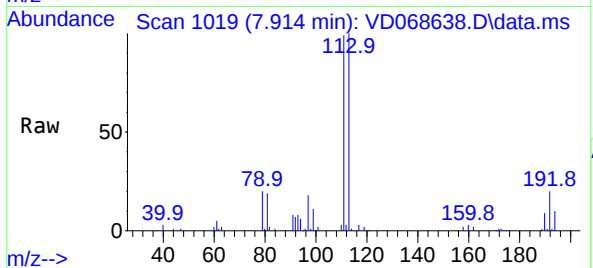
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068638.D
Acq: 17 Mar 2021 15:25

Tgt Ion: 114 Resp: 391274
Ion Ratio Lower Upper
114 100
63 19.1 0.0 34.8
88 15.6 0.0 31.6

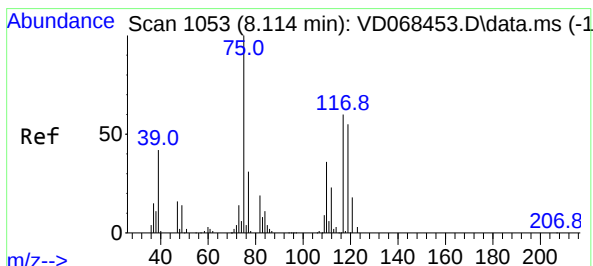
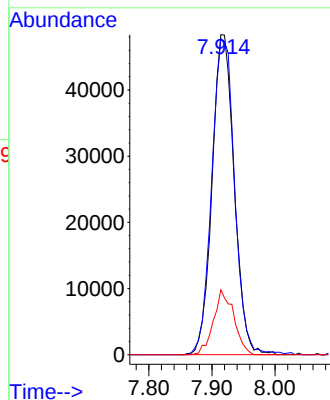
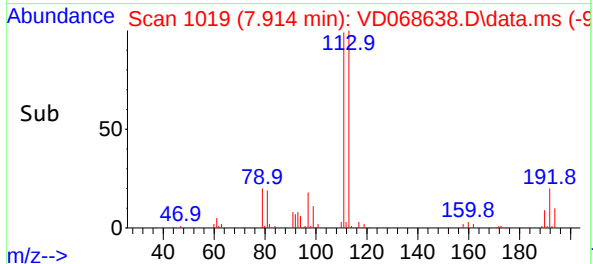




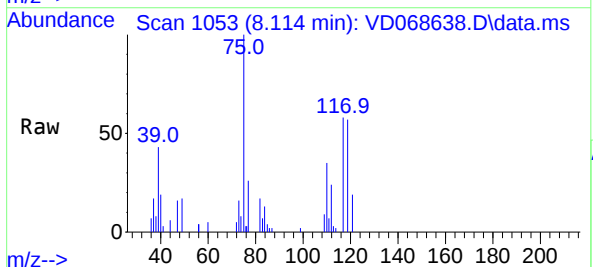
#35
Dibromofluoromethane
Concen: 49.82 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068638.D
Acq: 17 Mar 2021 15:25



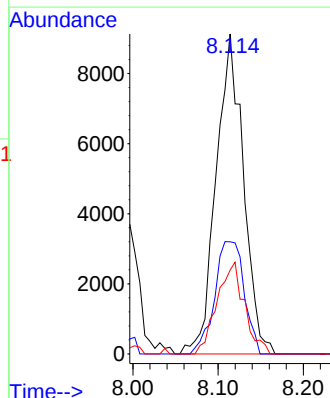
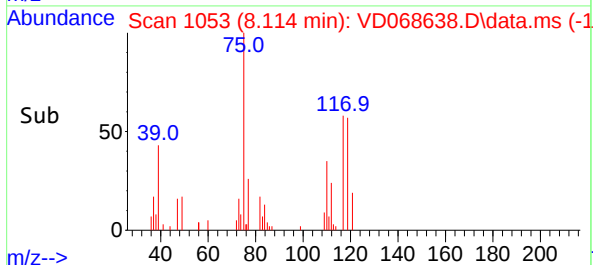
Tgt Ion: 113 Resp: 117421
Ion Ratio Lower Upper
113 100
111 102.4 81.4 122.0
192 18.6 16.1 24.1



#36
1,1-Dichloropropene
Concen: 5.48 ug/l
RT: 8.114 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VD068638.D
Acq: 17 Mar 2021 15:25



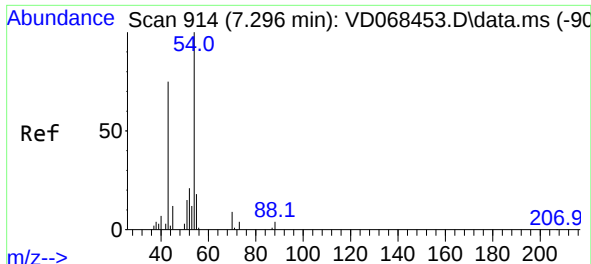
Tgt Ion: 75 Resp: 20366
Ion Ratio Lower Upper
75 100
110 37.9 19.4 58.2
77 28.7 25.3 37.9



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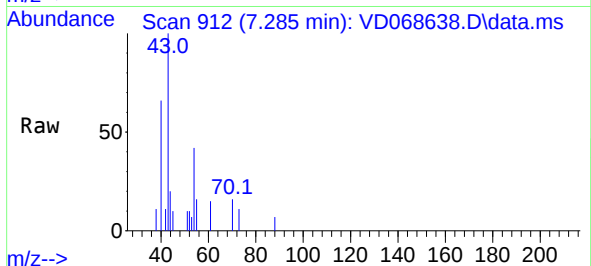
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#37
Ethyl Acetate
Concen: 4.74 ug/l
RT: 7.285 min Scan# 912
Delta R.T. -0.012 min
Lab File: VD068638.D
Acq: 17 Mar 2021 15:25

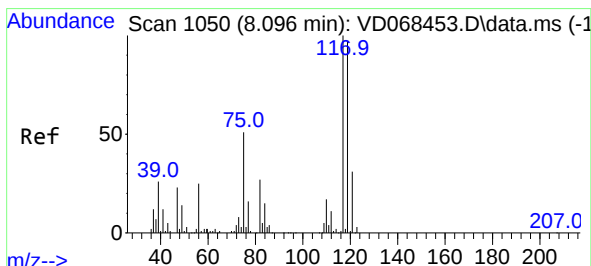
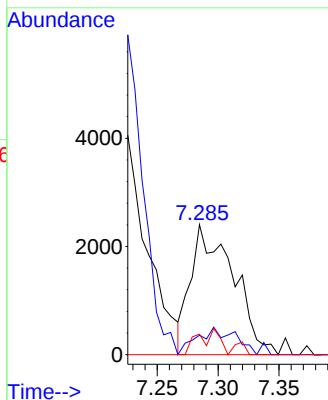
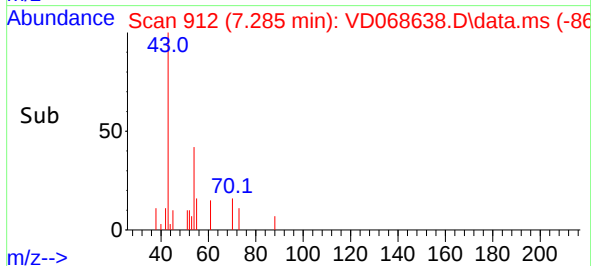
Instrument :
MSVOA_D
ClientSampleId :
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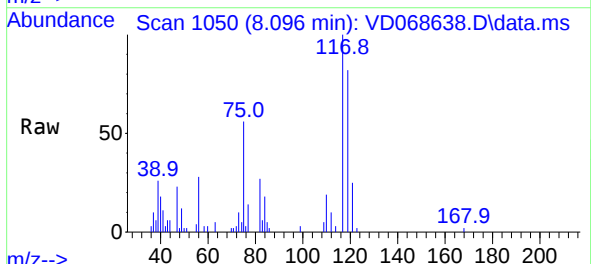
Tgt Ion: 43 Resp: 5855
Ion Ratio Lower Upper
43 100
61 18.7 12.9 19.3
70 5.3 11.0 16.6#

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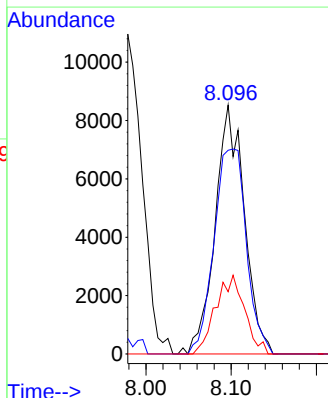
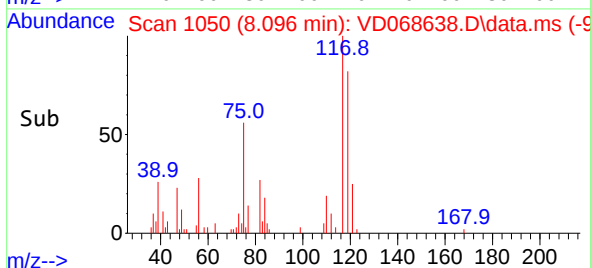
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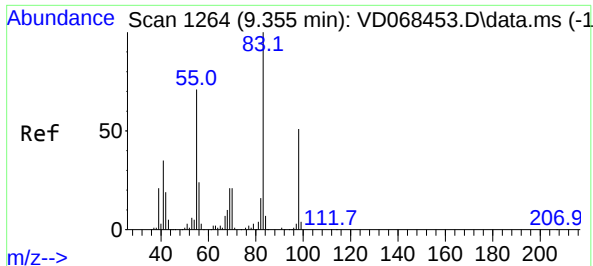


#38
Carbon Tetrachloride
Concen: 5.82 ug/l
RT: 8.096 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VD068638.D
Acq: 17 Mar 2021 15:25



Tgt Ion: 117 Resp: 20326
Ion Ratio Lower Upper
117 100
119 81.9 77.3 115.9
121 25.0 24.7 37.1





#39

Methylcyclohexane

Concen: 5.11 ug/l

RT: 9.355 min Scan# 1264

Delta R.T. -0.000 min

Lab File: VD068638.D

Acq: 17 Mar 2021 15:25

Tgt Ion:	83	Resp:	23417
Ion	Ratio	Lower	Upper
83	100		
55	59.8	55.2	82.8
98	45.5	39.1	58.7

Instrument :

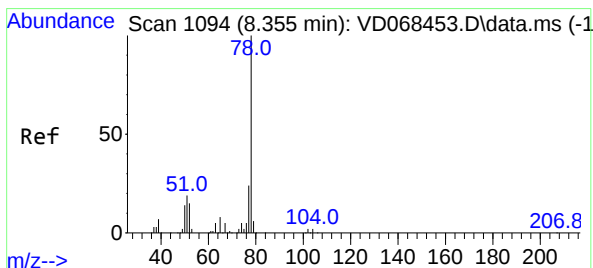
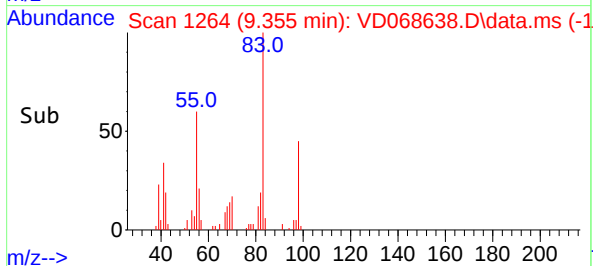
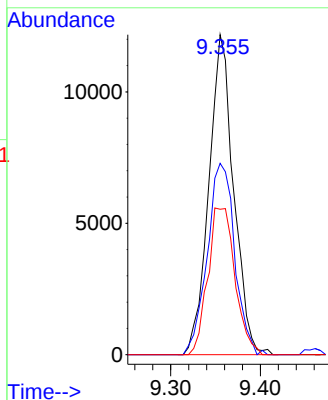
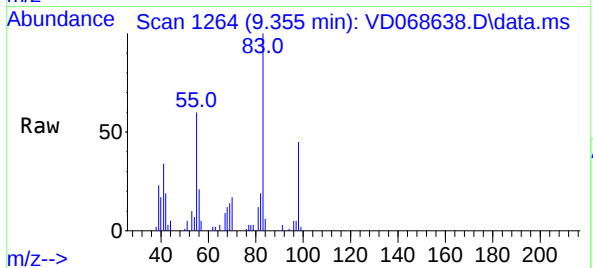
MSVOA_D

ClientSampleId :

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#40

Benzene

Concen: 5.48 ug/l

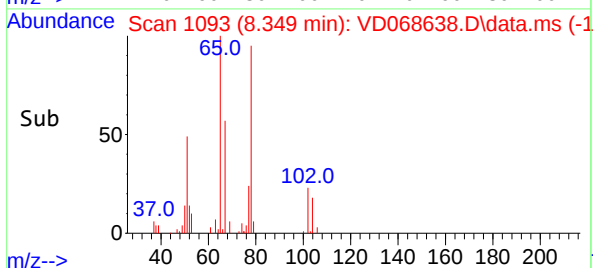
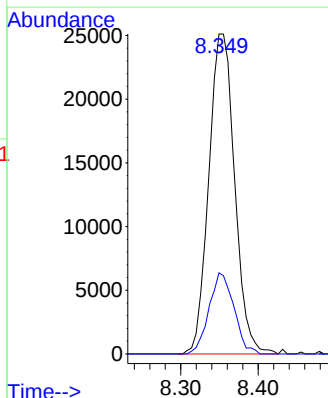
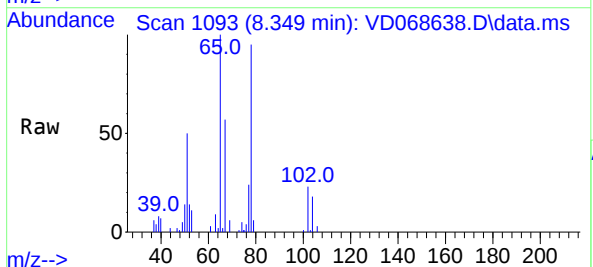
RT: 8.349 min Scan# 1093

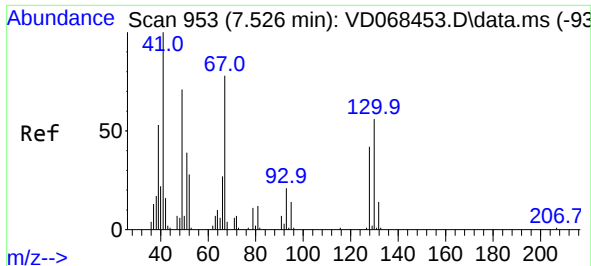
Delta R.T. -0.006 min

Lab File: VD068638.D

Acq: 17 Mar 2021 15:25

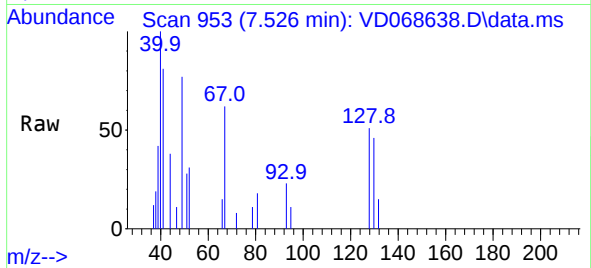
Tgt Ion:	78	Resp:	58425
Ion	Ratio	Lower	Upper
78	100		
77	25.3	17.8	26.6





#41
Methacrylonitrile
Concen: 4.82 ug/l m
RT: 7.526 min Scan# 953
Delta R.T. -0.000 min
Lab File: VD068638.D
Acq: 17 Mar 2021 15:25

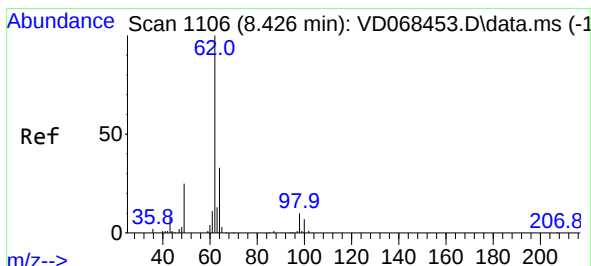
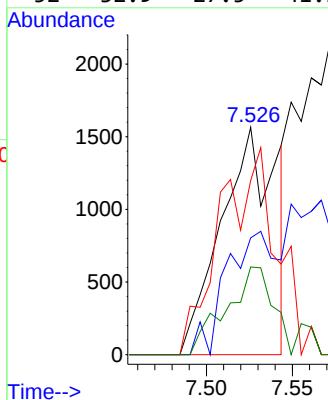
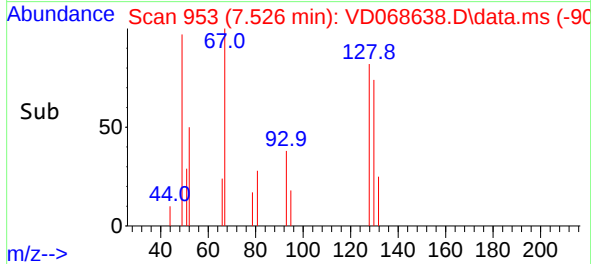
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2021



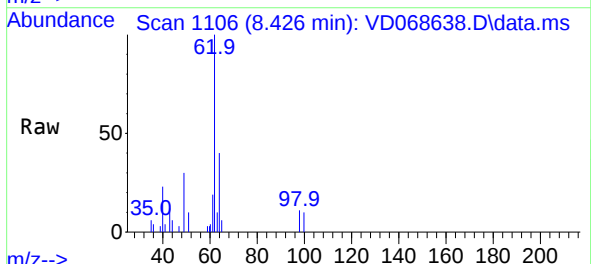
Tgt Ion: 41 Resp: 3454
Ion Ratio Lower Upper
41 100
39 51.2 45.2 67.8
67 44.3 67.4 101.2#
52 32.9 27.5 41.3

Manual Integrations
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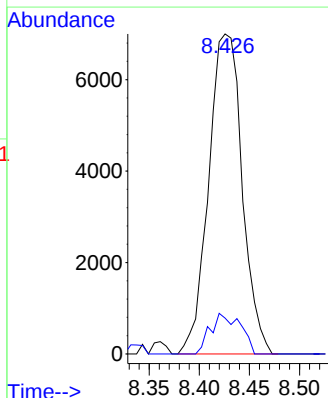
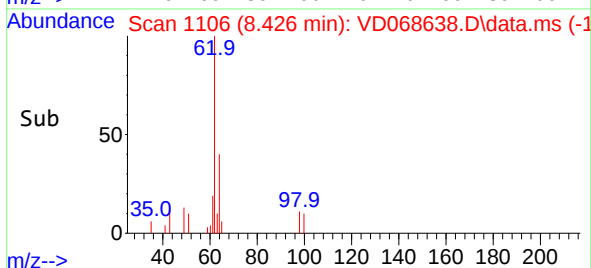
MMDadoda
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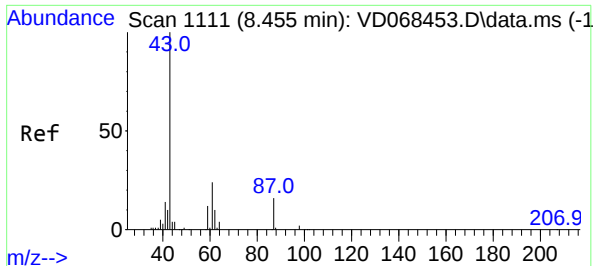


#42
1,2-Dichloroethane
Concen: 5.81 ug/l
RT: 8.426 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VD068638.D
Acq: 17 Mar 2021 15:25



Tgt Ion: 62 Resp: 16294
Ion Ratio Lower Upper
62 100
98 11.4 0.0 21.8





#43

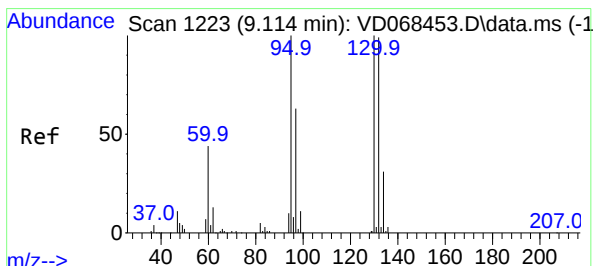
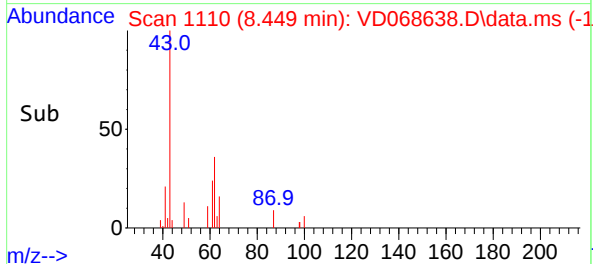
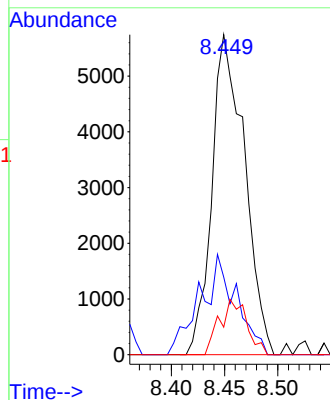
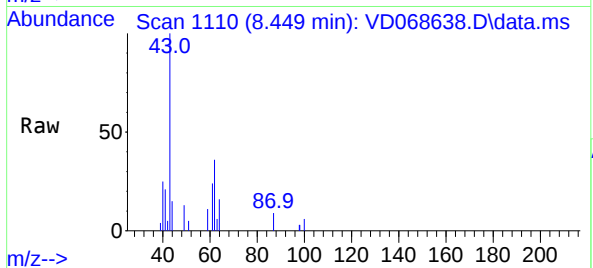
Isopropyl Acetate
Concen: 5.40 ug/l
RT: 8.449 min Scan# 1110
Delta R.T. -0.006 min
Lab File: VD068638.D
Acq: 17 Mar 2021 15:25

Tgt Ion:	43	Resp:	12257
Ion	Ratio	Lower	Upper
43	100		
61	35.0	28.7	43.1
87	14.5	13.9	20.9

Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2021

Manual Integrations
APPROVED

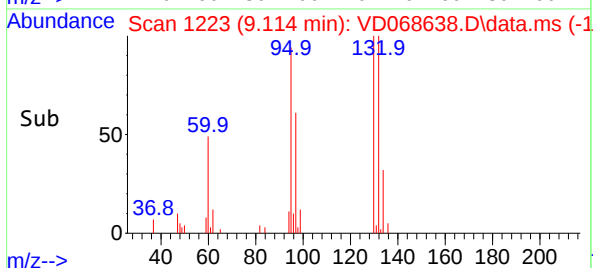
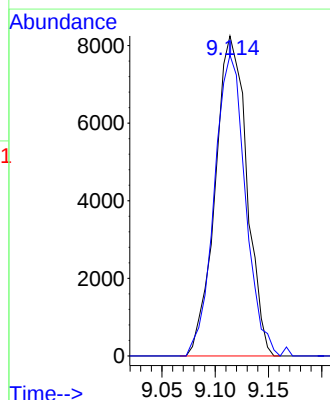
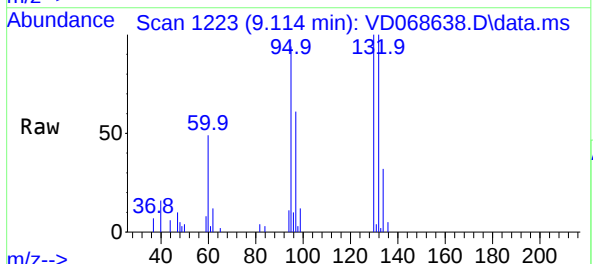
MMDadoda
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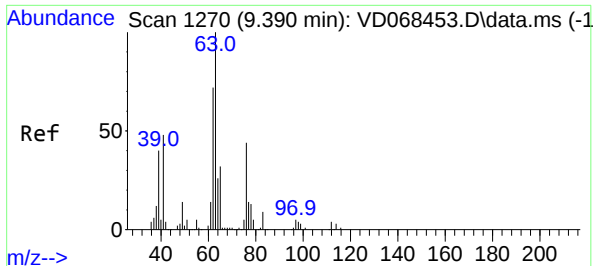


#44

Trichloroethene
Concen: 5.81 ug/l
RT: 9.114 min Scan# 1223
Delta R.T. -0.000 min
Lab File: VD068638.D
Acq: 17 Mar 2021 15:25

Tgt Ion:	130	Resp:	17019
Ion	Ratio	Lower	Upper
130	100		
95	94.0	0.0	191.2





#45

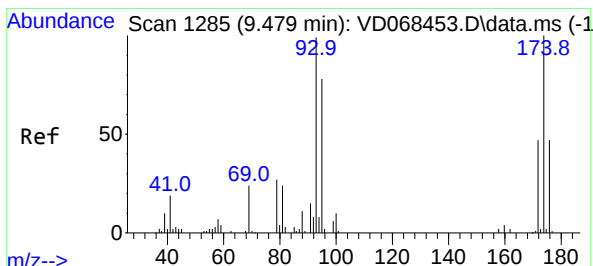
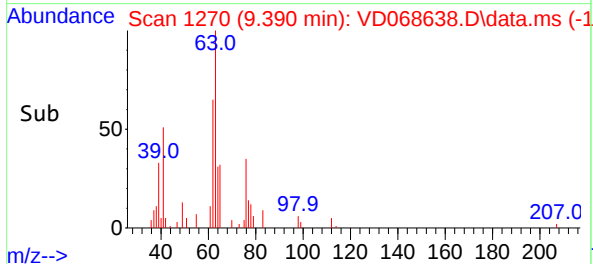
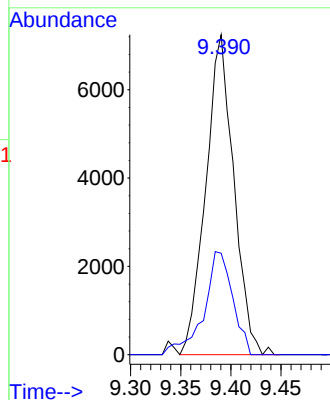
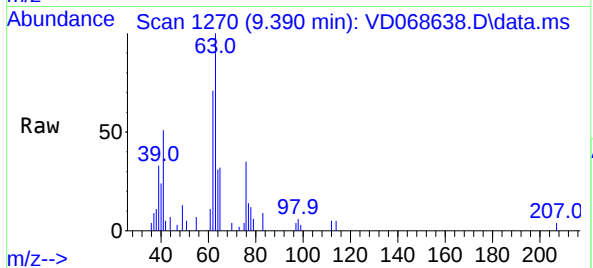
1,2-Dichloropropane
Concen: 5.52 ug/l
RT: 9.390 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VD068638.D
Acq: 17 Mar 2021 15:25

Tgt Ion: 63 Resp: 14089
Ion Ratio Lower Upper
63 100
65 31.7 26.6 40.0

Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2021

Manual Integrations
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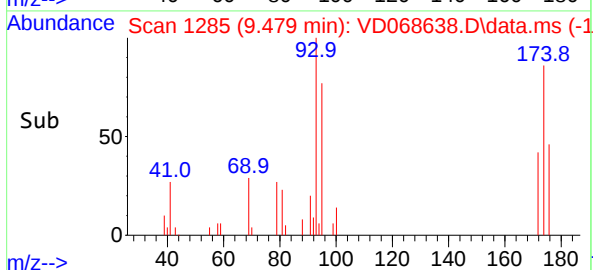
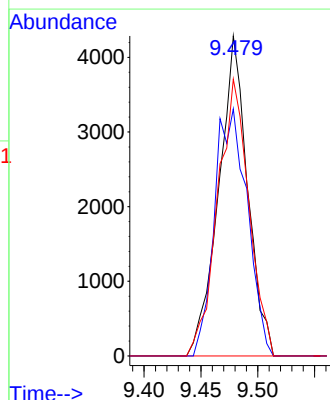
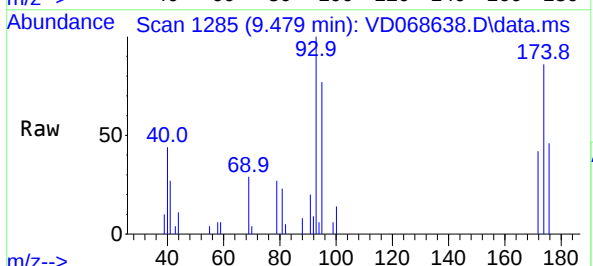
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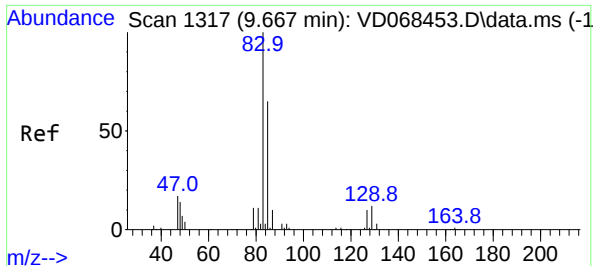


#46

Dibromomethane
Concen: 5.48 ug/l
RT: 9.479 min Scan# 1285
Delta R.T. 0.000 min
Lab File: VD068638.D
Acq: 17 Mar 2021 15:25

Tgt Ion: 93 Resp: 7598
Ion Ratio Lower Upper
93 100
95 87.4 67.3 100.9
174 93.4 84.6 127.0





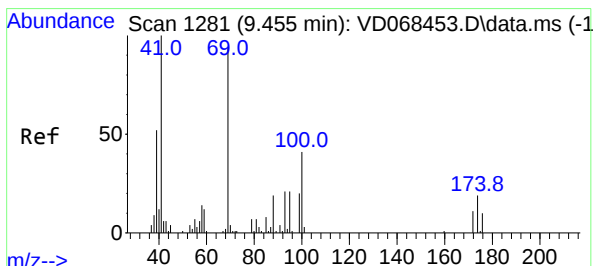
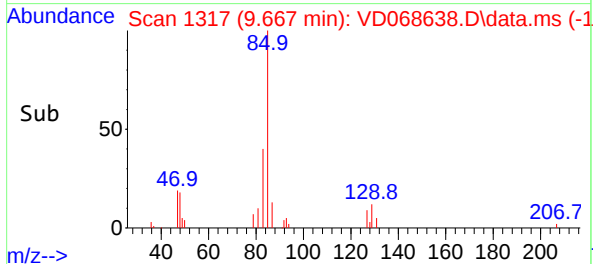
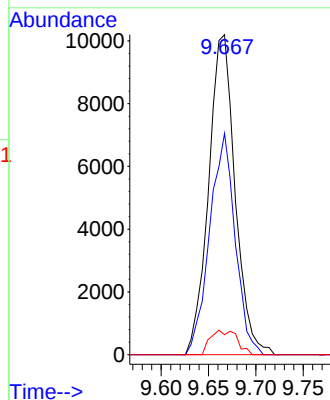
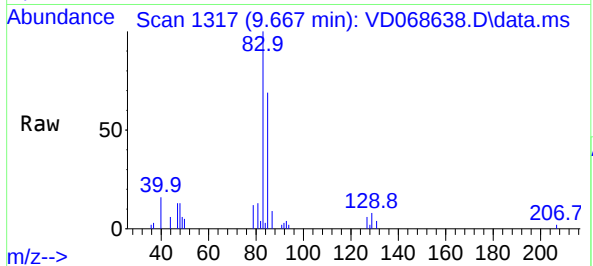
#47
Bromodichloromethane
Concen: 5.54 ug/l
RT: 9.667 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VD068638.D
Acq: 17 Mar 2021 15:25

Tgt Ion:	83	Resp:	19880
Ion	Ratio	Lower	Upper
83	100		
85	69.1	51.6	77.4
127	6.3	7.4	11.0#

Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2021

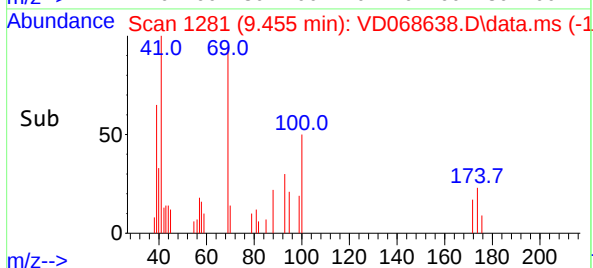
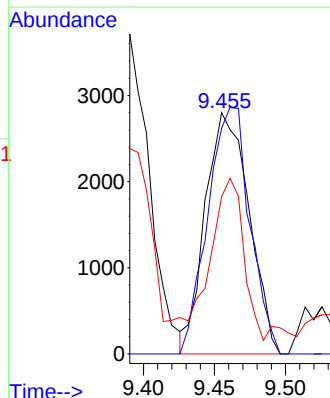
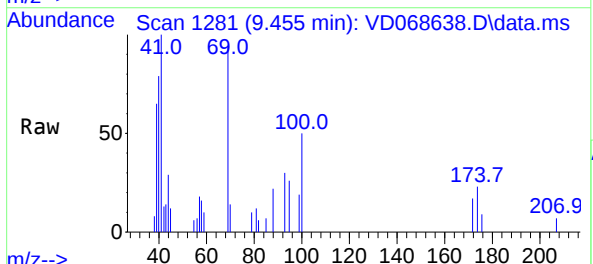
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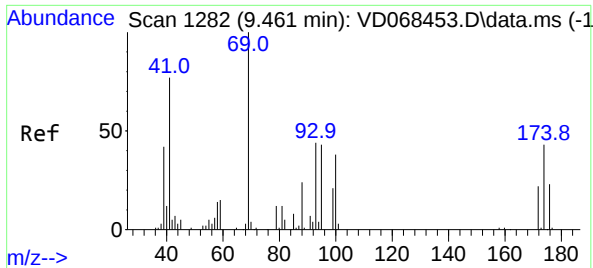
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#48
Methyl methacrylate
Concen: 4.96 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. 0.000 min
Lab File: VD068638.D
Acq: 17 Mar 2021 15:25

Tgt Ion:	41	Resp:	5996
Ion	Ratio	Lower	Upper
41	100		
69	98.5	77.1	115.7
39	52.3	41.5	62.3





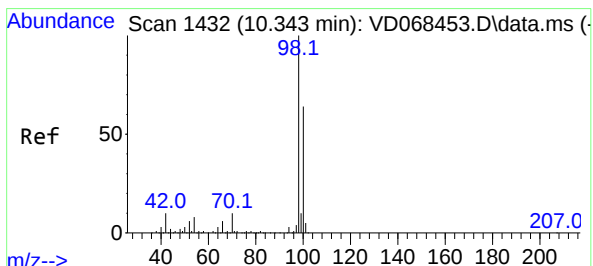
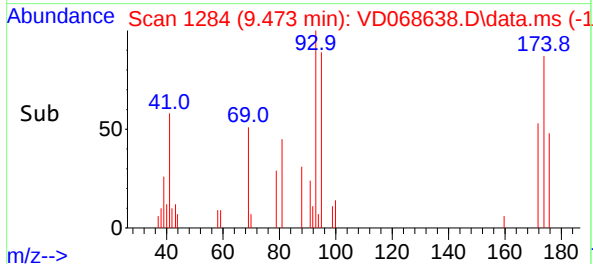
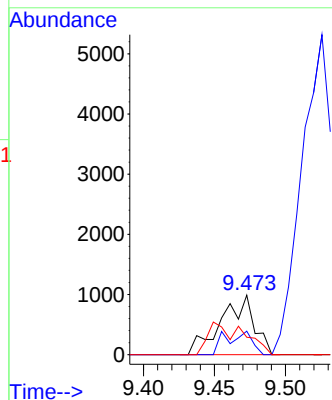
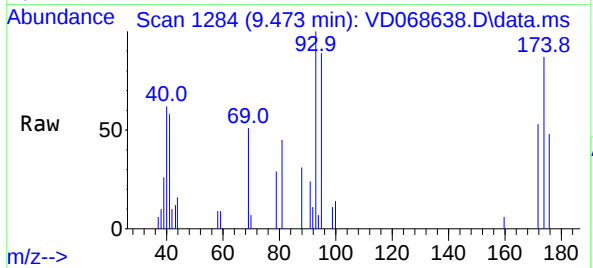
#49
1,4-Dioxane
Concen: 101.81 ug/l
RT: 9.473 min Scan# 1284
Delta R.T. 0.012 min
Lab File: VD068638.D
Acq: 17 Mar 2021 15:25

Tgt Ion: 88 Resp: 1611
Ion Ratio Lower Upper
88 100
43 30.4 22.1 33.1
58 0.0 46.7 70.1#

Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2021

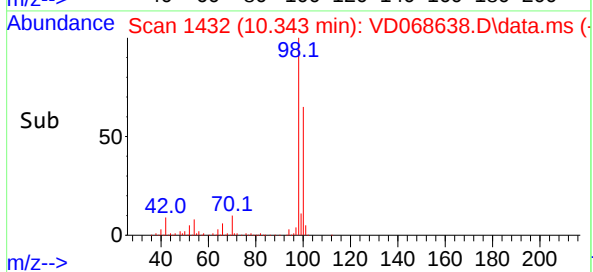
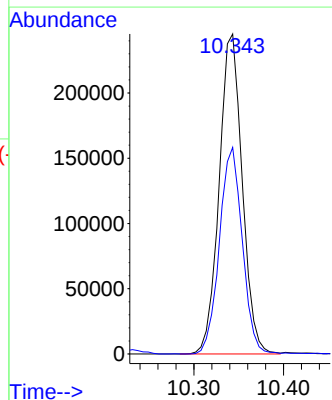
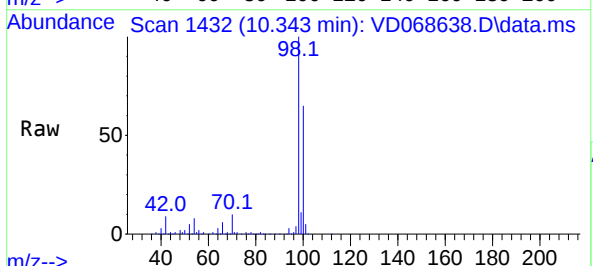
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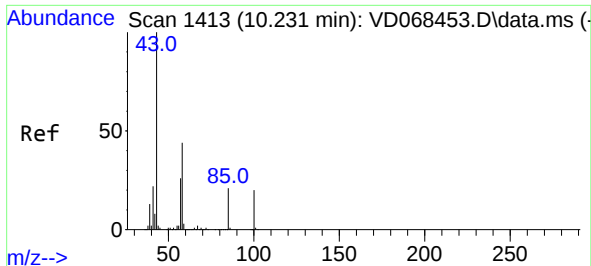
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#50
Toluene-d8
Concen: 46.58 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068638.D
Acq: 17 Mar 2021 15:25

Tgt Ion: 98 Resp: 437347
Ion Ratio Lower Upper
98 100
100 64.2 53.0 79.4





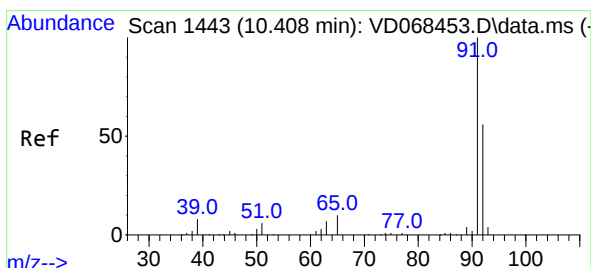
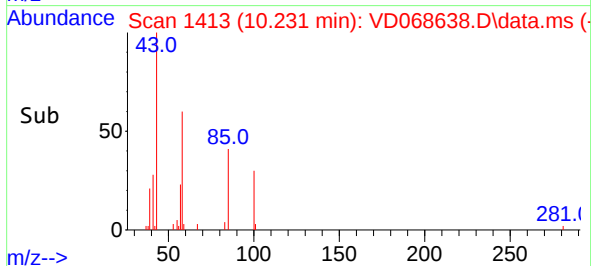
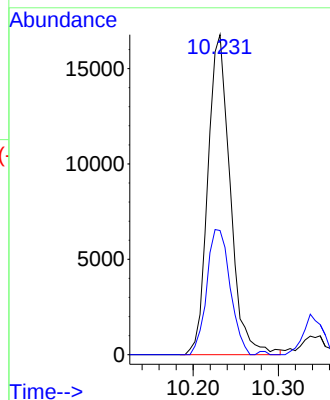
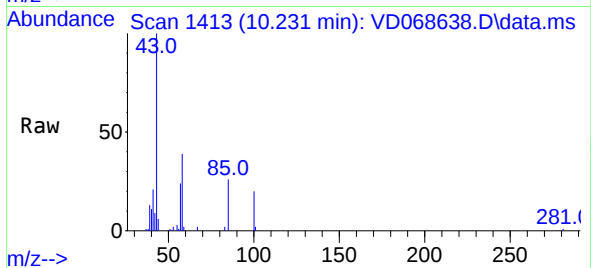
#51
4-Methyl-2-Pentanone
Concen: 25.75 ug/l
RT: 10.231 min Scan# 1413
Delta R.T. 0.000 min
Lab File: VD068638.D
Acq: 17 Mar 2021 15:25

Tgt Ion: 43 Resp: 30559
Ion Ratio Lower Upper
43 100
58 40.9 36.1 54.1

Instrument :
MSVOA_D
ClientSampleId :
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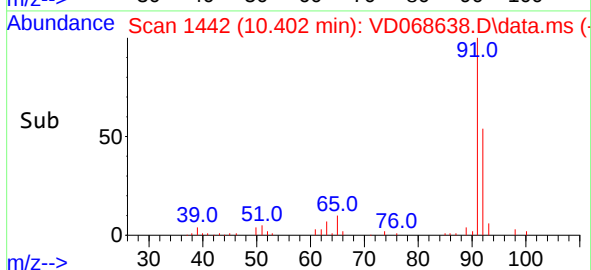
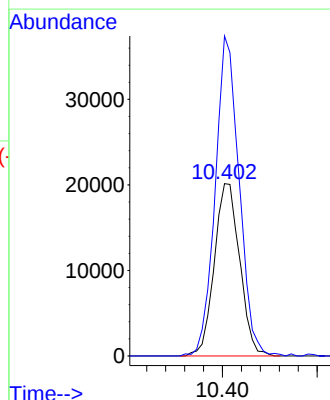
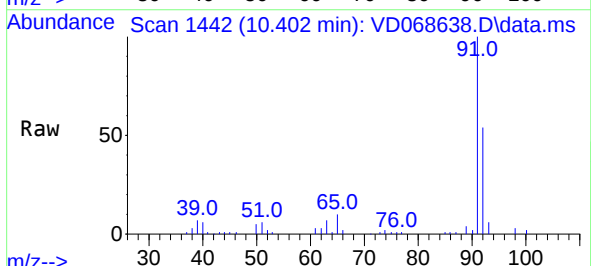
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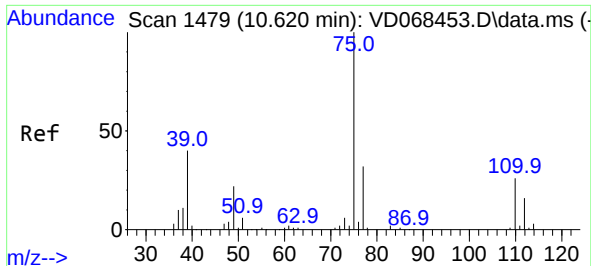
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#52
Toluene
Concen: 5.51 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. -0.006 min
Lab File: VD068638.D
Acq: 17 Mar 2021 15:25

Tgt Ion: 92 Resp: 37520
Ion Ratio Lower Upper
92 100
91 175.2 134.1 201.1





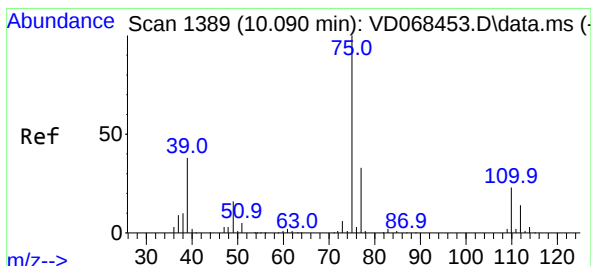
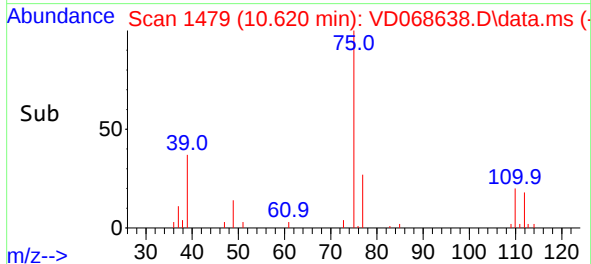
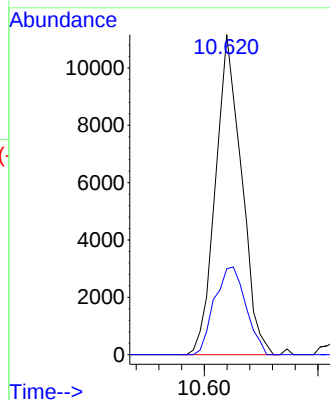
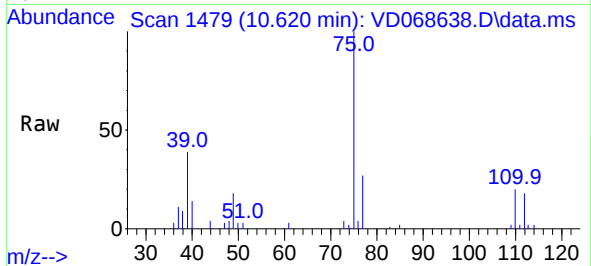
#53
t-1,3-Dichloropropene
Concen: 5.36 ug/l
RT: 10.620 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VD068638.D
Acq: 17 Mar 2021 15:25

Tgt Ion: 75 Resp: 17766
Ion Ratio Lower Upper
75 100
77 26.9 25.0 37.4

Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2021

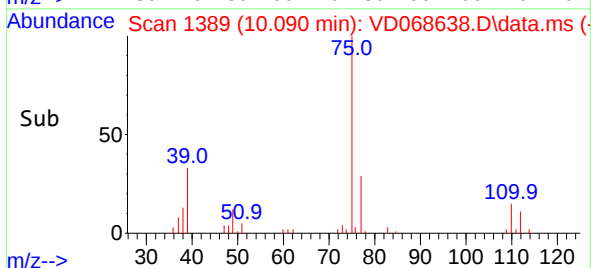
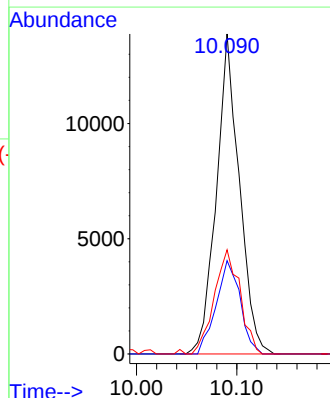
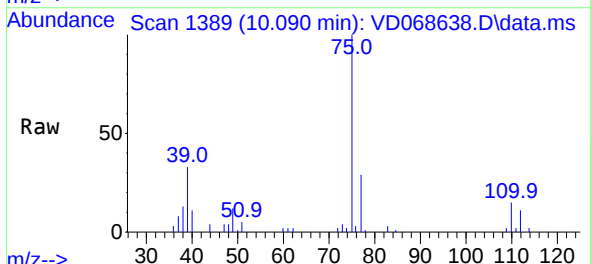
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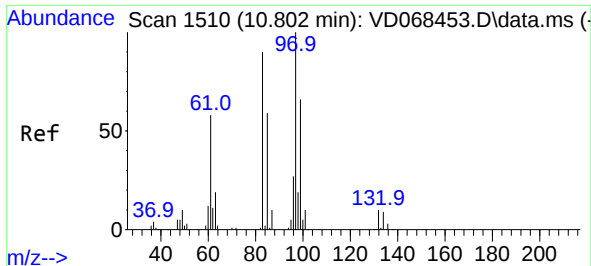
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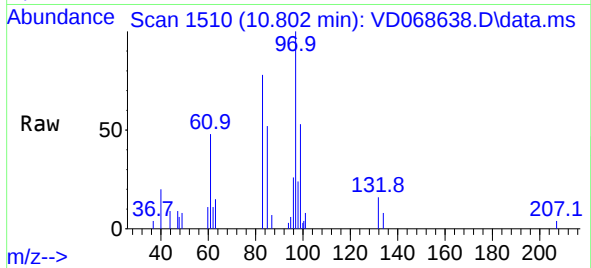
#54
cis-1,3-Dichloropropene
Concen: 5.45 ug/l
RT: 10.090 min Scan# 1389
Delta R.T. 0.000 min
Lab File: VD068638.D
Acq: 17 Mar 2021 15:25

Tgt Ion: 75 Resp: 22075
Ion Ratio Lower Upper
75 100
77 29.2 24.6 37.0
39 32.5 31.4 47.0

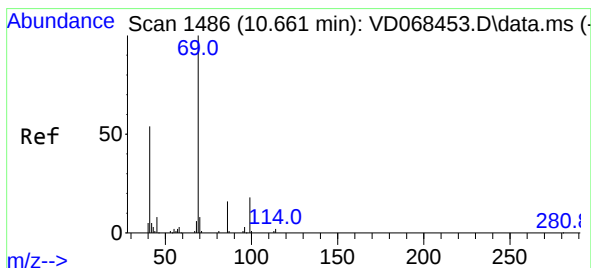
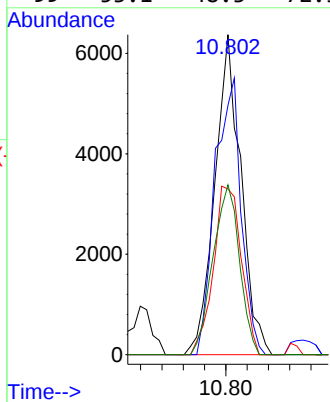
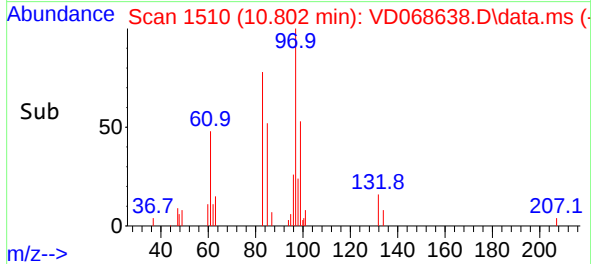




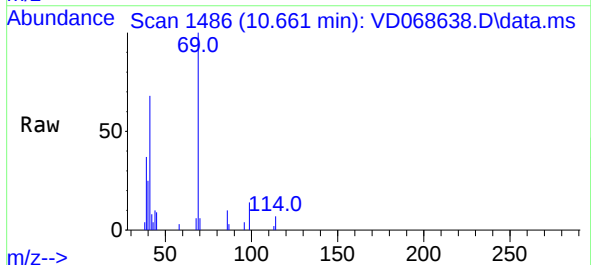
#55
1,1,2-Trichloroethane
Concen: 5.65 ug/l
RT: 10.802 min Scan# 1510
Delta R.T. -0.000 min
Lab File: VD068638.D
Acq: 17 Mar 2021 15:25



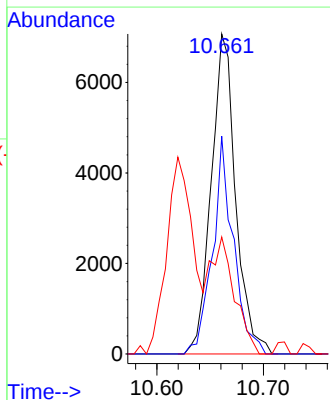
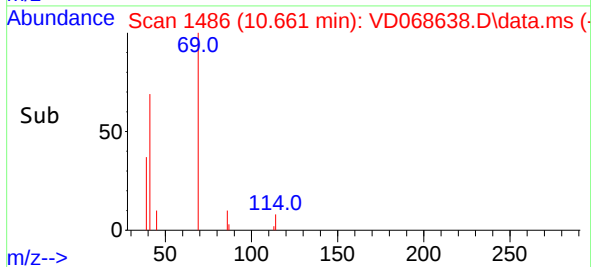
Tgt Ion:	97	Resp:	10845
Ion	Ratio	Lower	Upper
97	100		
83	77.9	61.8	92.6
85	51.8	42.2	63.2
99	53.1	48.3	72.5



#56
Ethyl methacrylate
Concen: 5.09 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VD068638.D
Acq: 17 Mar 2021 15:25



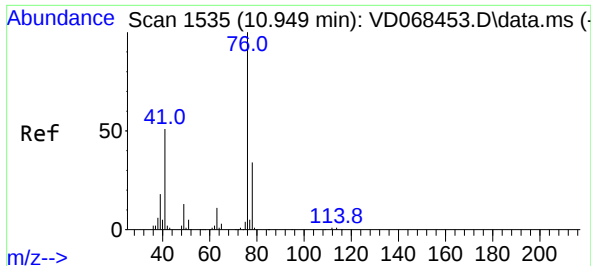
Tgt Ion:	69	Resp:	11236
Ion	Ratio	Lower	Upper
69	100		
41	57.8	44.9	67.3
39	36.5	21.9	32.9#



Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2021

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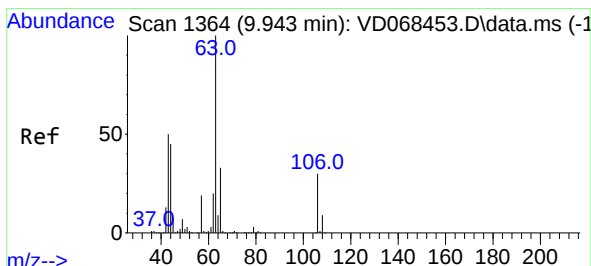
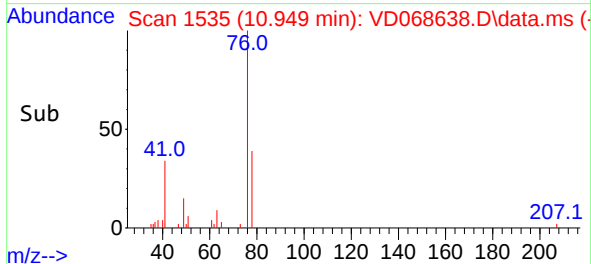
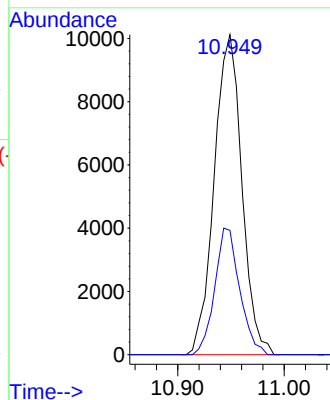
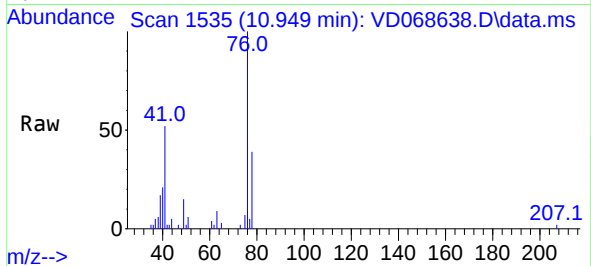
#57
1,3-Dichloropropane
Concen: 5.44 ug/l
RT: 10.949 min Scan# 1535
Delta R.T. -0.000 min
Lab File: VD068638.D
Acq: 17 Mar 2021 15:25

Tgt Ion: 76 Resp: 18247
Ion Ratio Lower Upper
76 100
78 35.7 25.6 38.4

Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2021

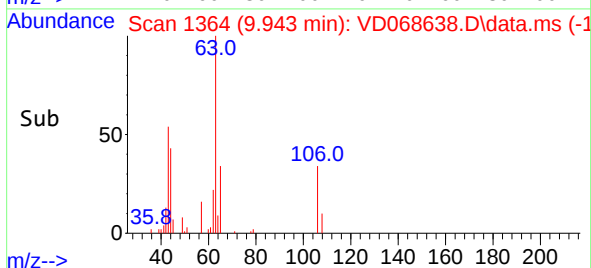
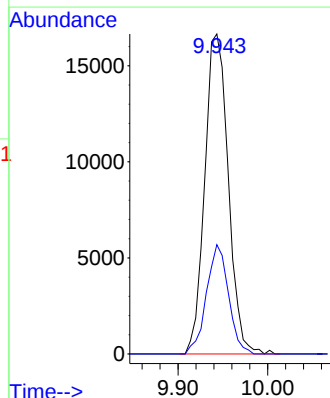
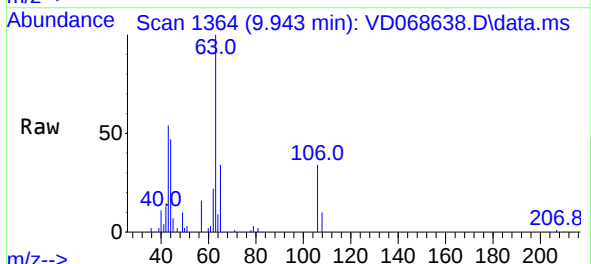
Manual Integrations
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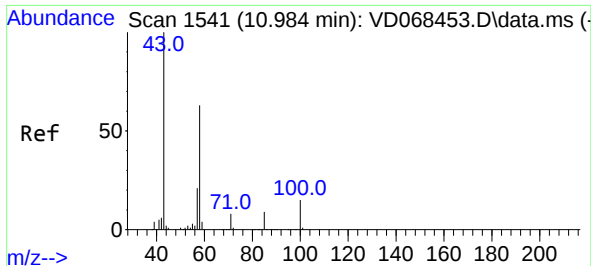
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#58
2-Chloroethyl Vinyl ether
Concen: 27.38 ug/l
RT: 9.943 min Scan# 1364
Delta R.T. 0.000 min
Lab File: VD068638.D
Acq: 17 Mar 2021 15:25

Tgt Ion: 63 Resp: 30318
Ion Ratio Lower Upper
63 100
106 32.0 27.0 40.4





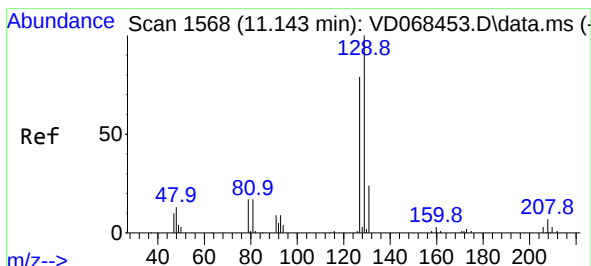
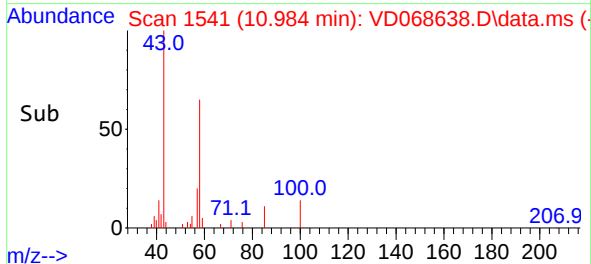
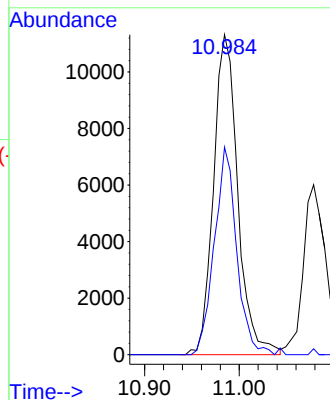
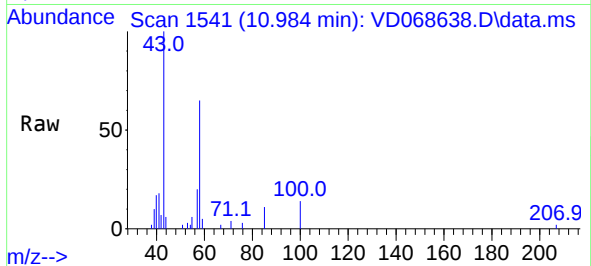
#59
2-Hexanone
Concen: 25.44 ug/l
RT: 10.984 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VD068638.D
Acq: 17 Mar 2021 15:25

Tgt Ion: 43 Resp: 20127
Ion Ratio Lower Upper
43 100
58 59.7 31.0 93.0

Instrument :
MSVOA_D
ClientSampleId :
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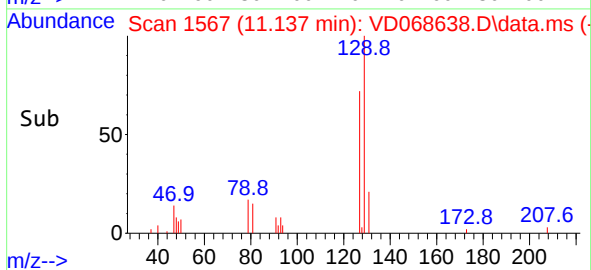
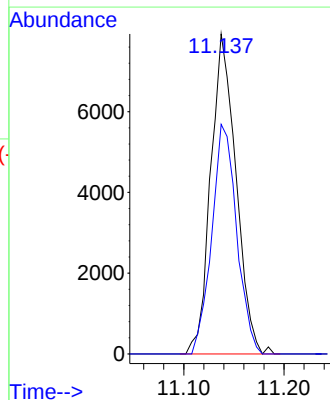
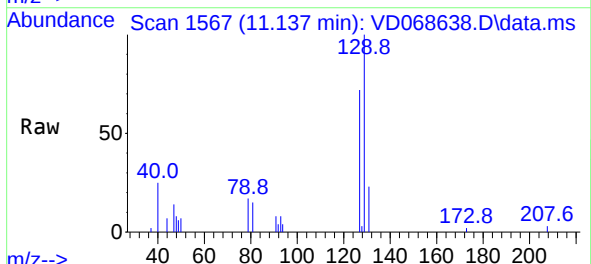
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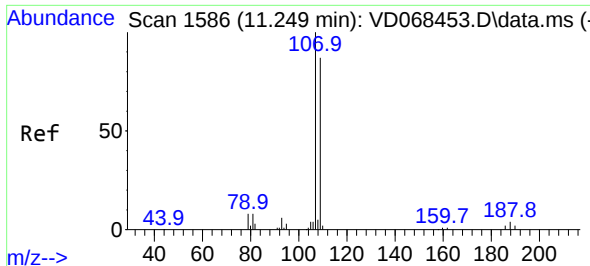
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#60
Dibromochloromethane
Concen: 5.83 ug/l
RT: 11.137 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VD068638.D
Acq: 17 Mar 2021 15:25

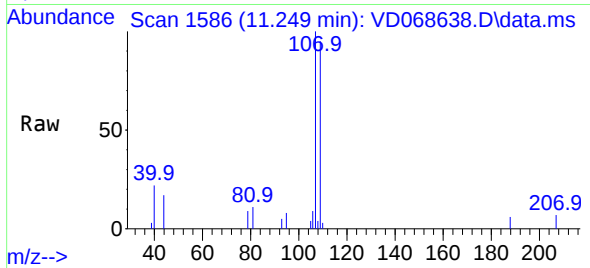
Tgt Ion: 129 Resp: 13853
Ion Ratio Lower Upper
129 100
127 70.7 38.6 116.0





#61
1,2-Dibromoethane
Concen: 5.51 ug/l
RT: 11.249 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VD068638.D
Acq: 17 Mar 2021 15:25

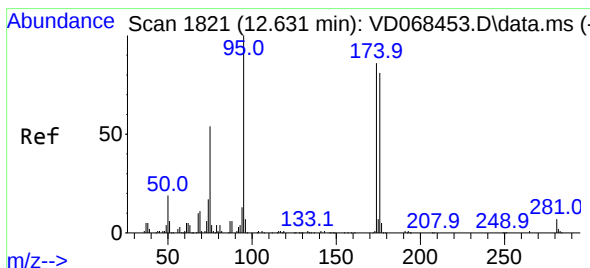
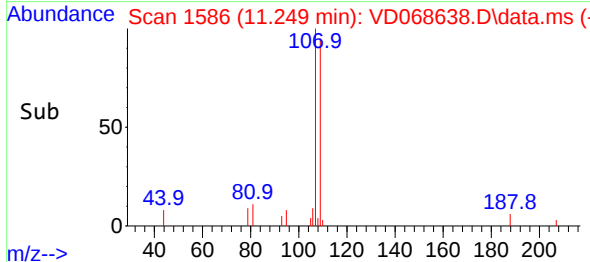
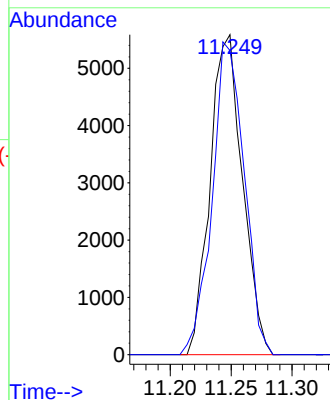
Instrument :
MSVOA_D
ClientSampleId :
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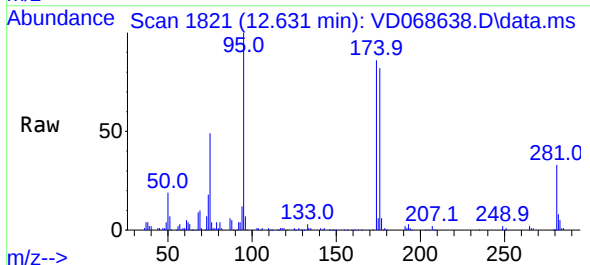
Tgt Ion:107 Resp: 10347
Ion Ratio Lower Upper
107 100
109 96.6 74.8 112.2

Manual Integrations
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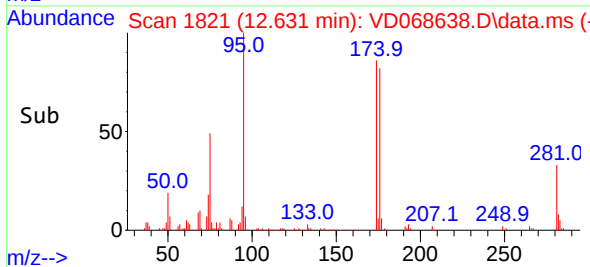
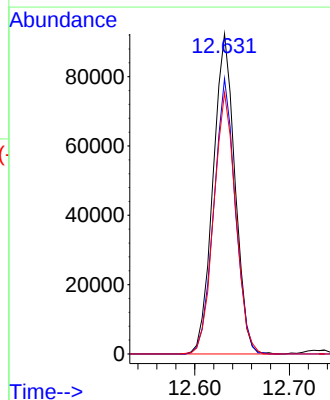
MMDadoda
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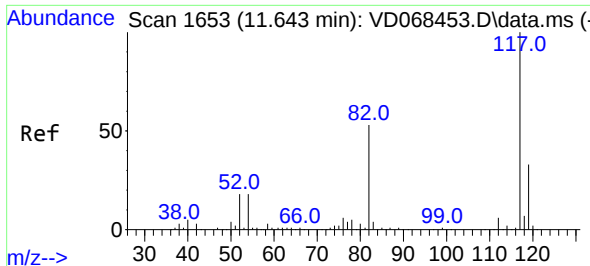


#62
4-Bromofluorobenzene
Concen: 48.90 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068638.D
Acq: 17 Mar 2021 15:25



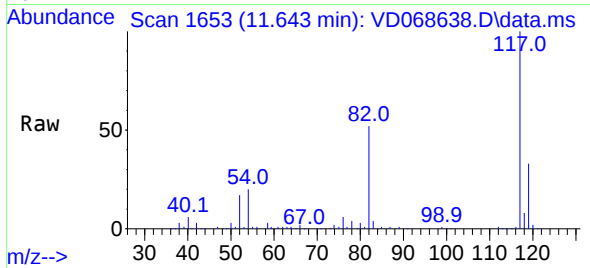
Tgt Ion: 95 Resp: 147944
Ion Ratio Lower Upper
95 100
174 84.1 0.0 172.4
176 81.8 0.0 168.4





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD068638.D
Acq: 17 Mar 2021 15:25

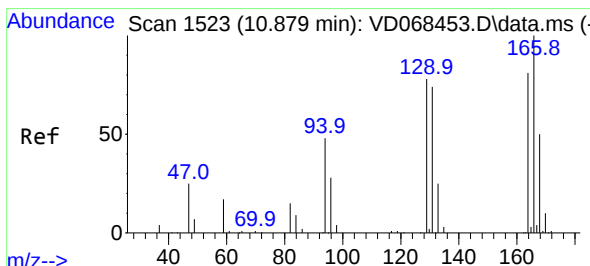
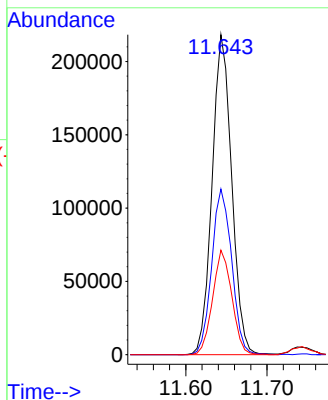
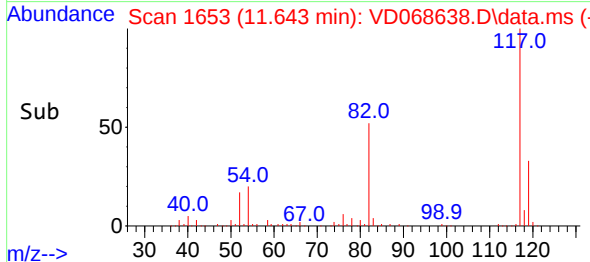
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2021



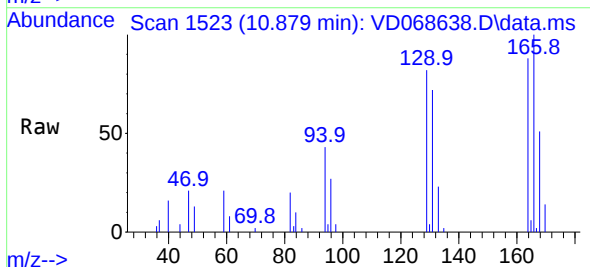
Tgt Ion:117 Resp: 366470
Ion Ratio Lower Upper
117 100
82 51.7 41.4 62.0
119 32.7 26.1 39.1

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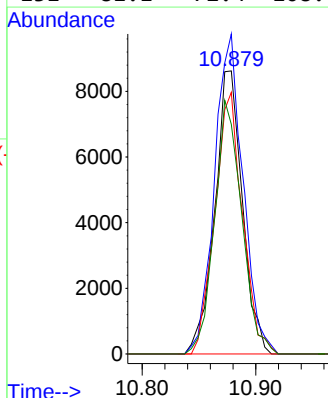
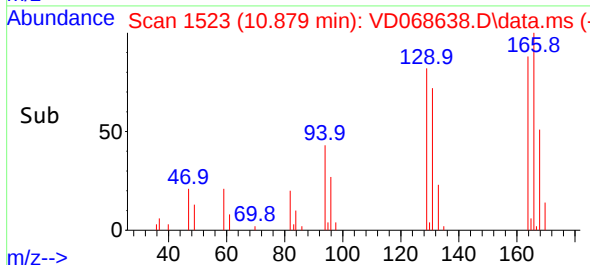
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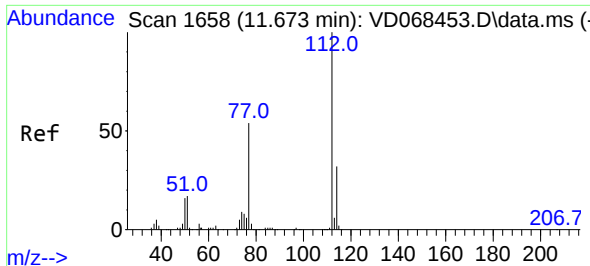


#64
Tetrachloroethene
Concen: 6.10 ug/l
RT: 10.879 min Scan# 1523
Delta R.T. -0.000 min
Lab File: VD068638.D
Acq: 17 Mar 2021 15:25



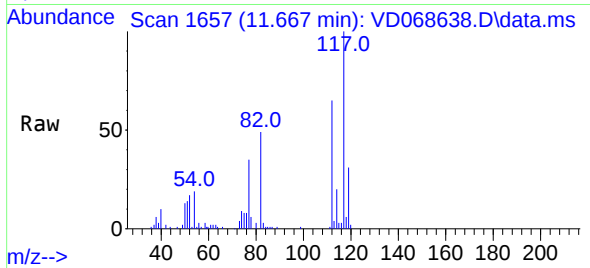
Tgt Ion:164 Resp: 14603
Ion Ratio Lower Upper
164 100
166 113.1 105.5 158.3
129 92.4 75.6 113.4
131 81.1 72.4 108.6





#65
Chlorobenzene
Concen: 5.36 ug/l
RT: 11.667 min Scan# 1657
Delta R.T. -0.006 min
Lab File: VD068638.D
Acq: 17 Mar 2021 15:25

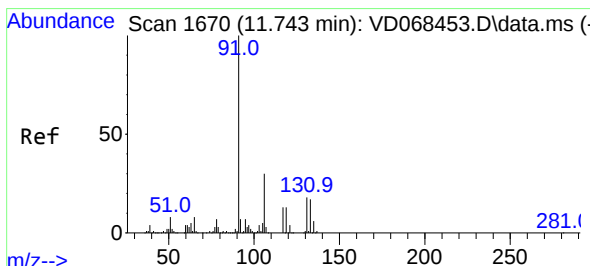
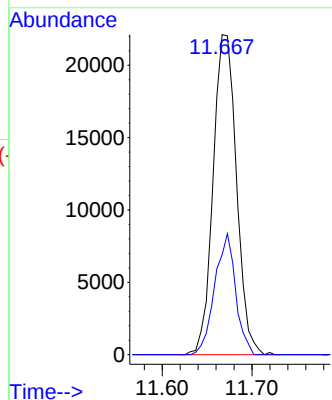
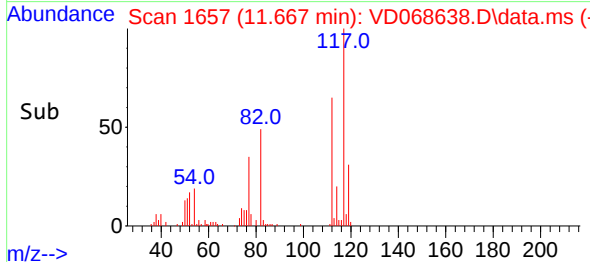
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ClientSampleId :
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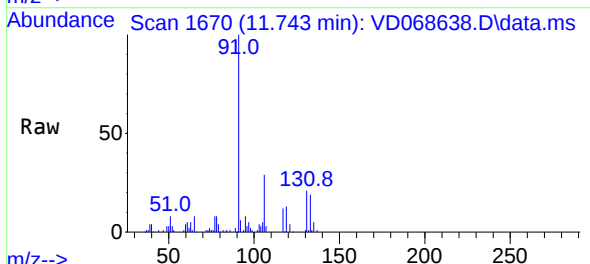
Tgt Ion:112 Resp: 40007
Ion Ratio Lower Upper
112 100
114 31.2 25.7 38.5

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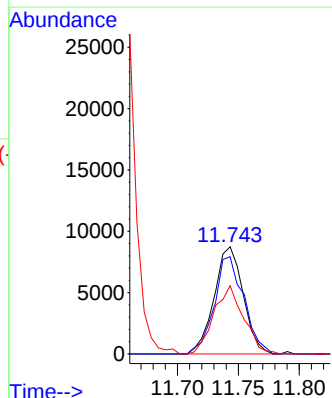
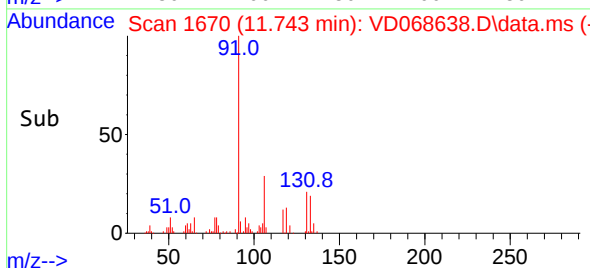
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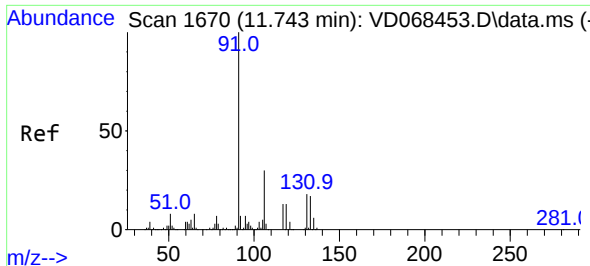


#66
1,1,1,2-Tetrachloroethane
Concen: 5.58 ug/l
RT: 11.743 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD068638.D
Acq: 17 Mar 2021 15:25



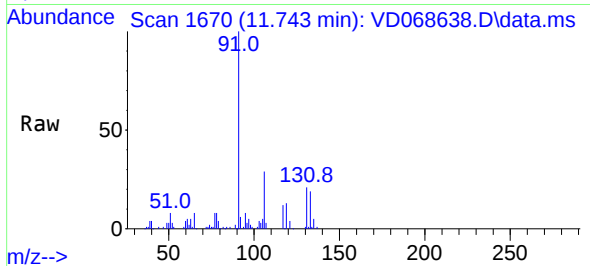
Tgt Ion:131 Resp: 14475
Ion Ratio Lower Upper
131 100
133 92.6 48.1 144.4
119 65.4 31.6 94.8





#67
Ethyl Benzene
Concen: 5.11 ug/l
RT: 11.743 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD068638.D
Acq: 17 Mar 2021 15:25

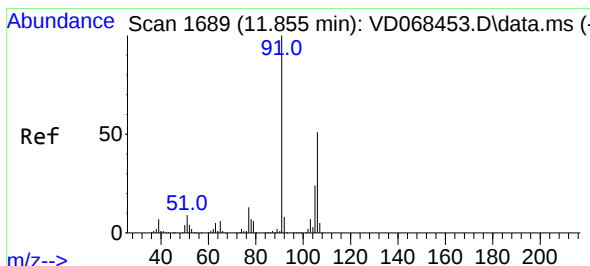
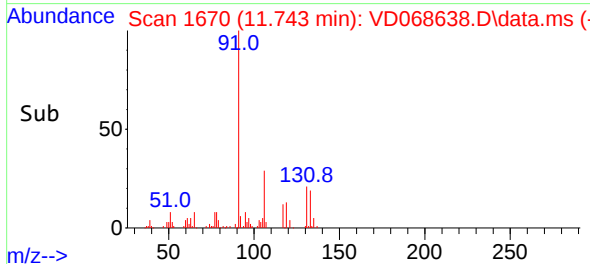
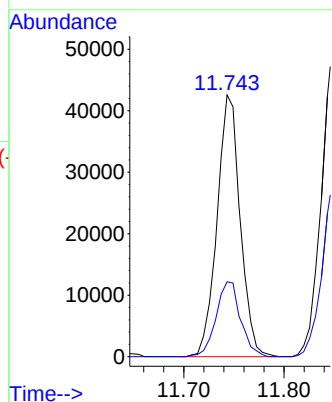
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2021



Tgt Ion: 91 Resp: 68108
Ion Ratio Lower Upper
91 100
106 28.6 25.9 38.9

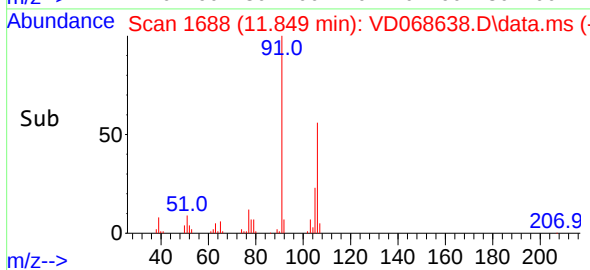
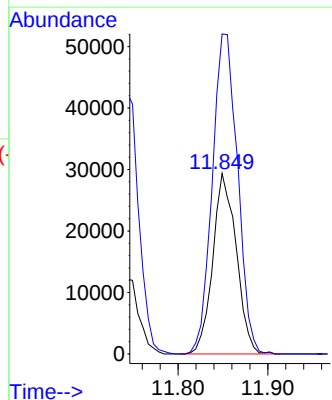
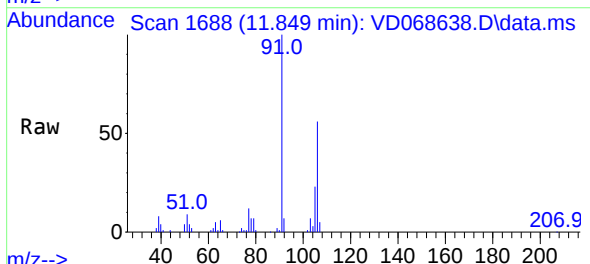
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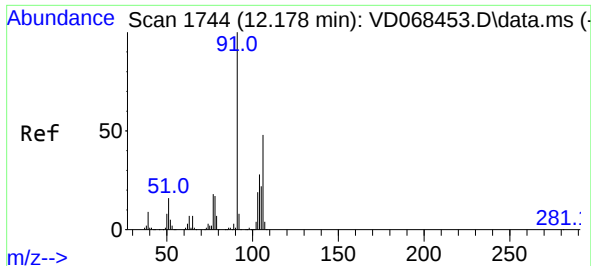
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#68
m/p-Xylenes
Concen: 10.53 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. -0.006 min
Lab File: VD068638.D
Acq: 17 Mar 2021 15:25

Tgt Ion: 106 Resp: 53293
Ion Ratio Lower Upper
106 100
91 191.3 159.1 238.7





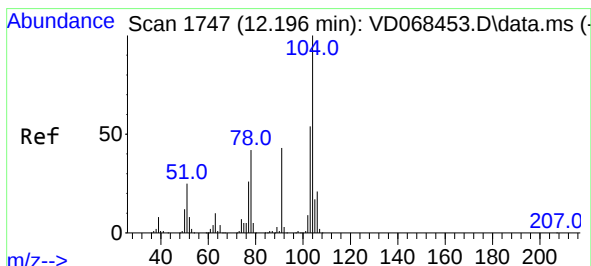
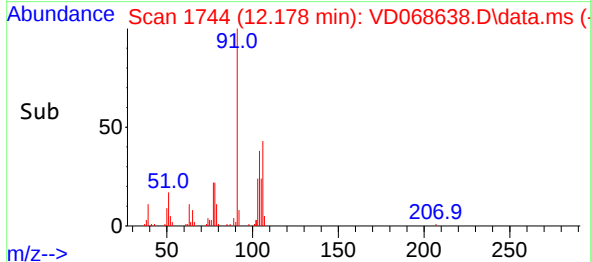
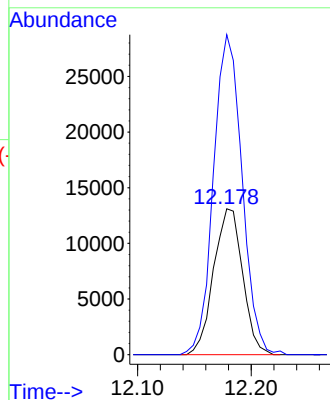
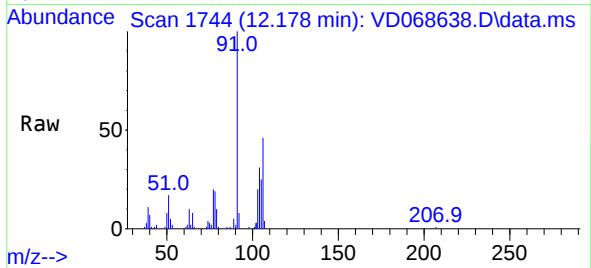
#69
o-Xylene
Concen: 4.99 ug/l
RT: 12.178 min Scan# 1744
Delta R.T. -0.000 min
Lab File: VD068638.D
Acq: 17 Mar 2021 15:25

Tgt Ion:106 Resp: 23271
Ion Ratio Lower Upper
106 100
91 216.0 108.7 325.9

Instrument :
MSVOA_D
ClientSampleId :
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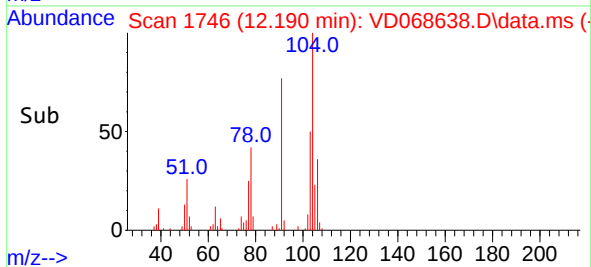
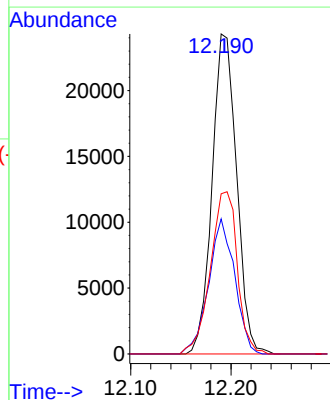
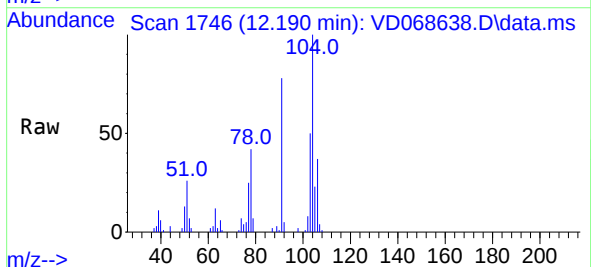
Manual Integrations
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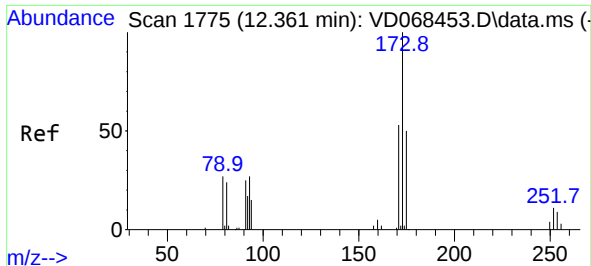
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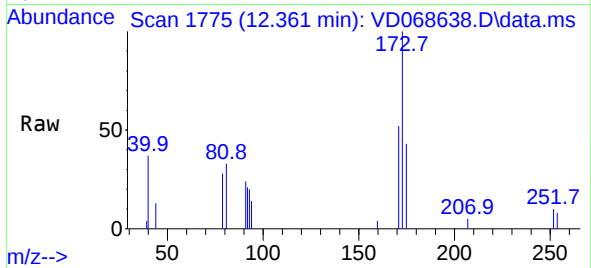
#70
Styrene
Concen: 5.17 ug/l
RT: 12.190 min Scan# 1746
Delta R.T. -0.006 min
Lab File: VD068638.D
Acq: 17 Mar 2021 15:25

Tgt Ion:104 Resp: 41236
Ion Ratio Lower Upper
104 100
78 44.9 38.2 57.2
103 55.6 43.1 64.7

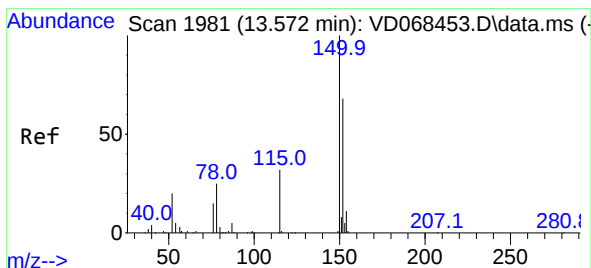
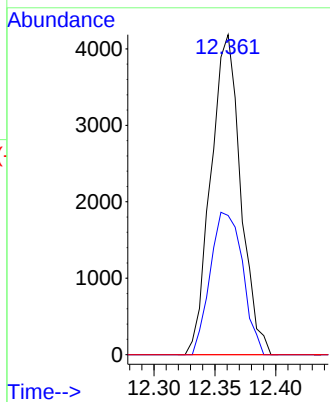
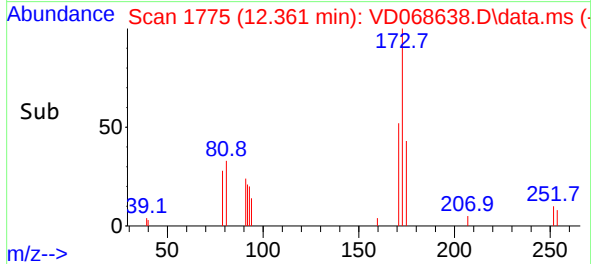




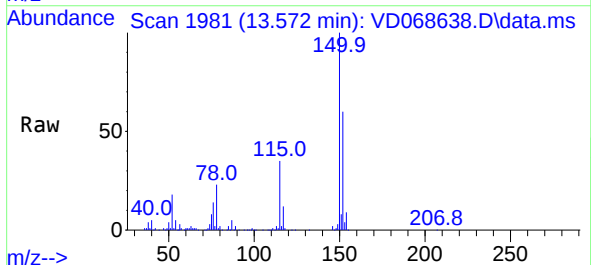
#71
Bromoform
Concen: 5.42 ug/l
RT: 12.361 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VD068638.D
Acq: 17 Mar 2021 15:25



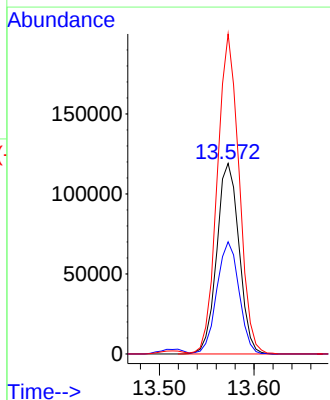
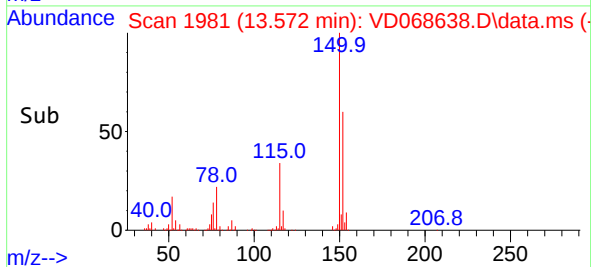
Tgt Ion:173 Resp: 7138
Ion Ratio Lower Upper
173 100
175 48.4 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.572 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068638.D
Acq: 17 Mar 2021 15:25



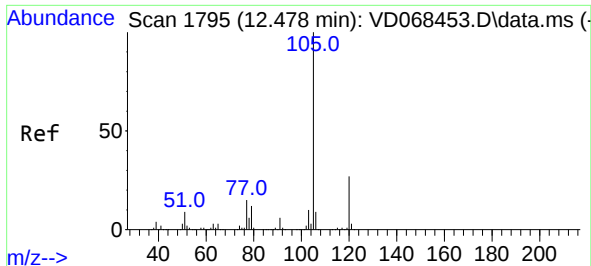
Tgt Ion:152 Resp: 194673
Ion Ratio Lower Upper
152 100
115 59.0 28.9 86.8
150 164.3 0.0 344.4



Instrument :
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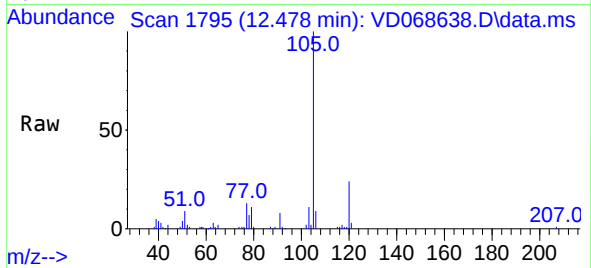
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#73
Isopropylbenzene
Concen: 4.44 ug/l
RT: 12.478 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VD068638.D
Acq: 17 Mar 2021 15:25

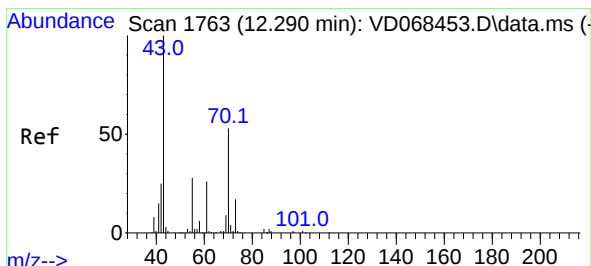
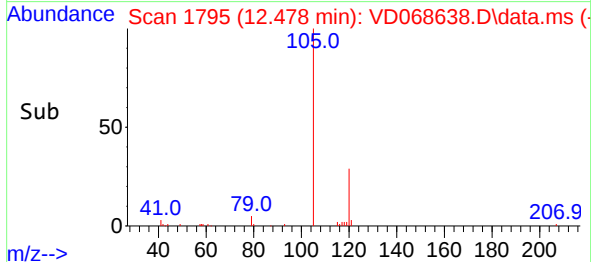
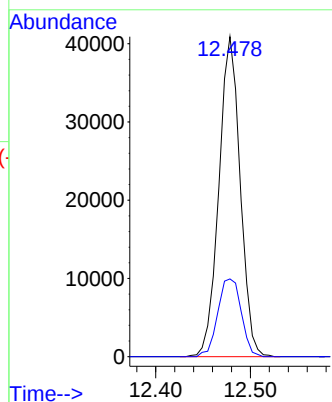
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2021



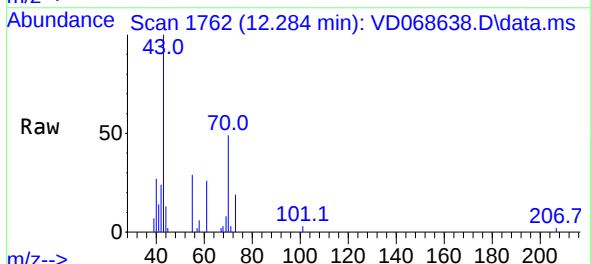
Tgt Ion: 105 Resp: 64036
Ion Ratio Lower Upper
105 100
120 26.7 13.2 39.6

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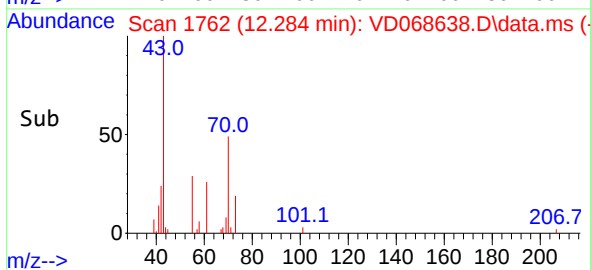
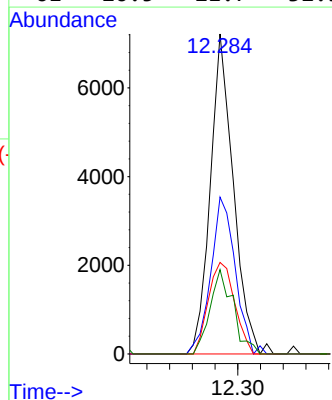
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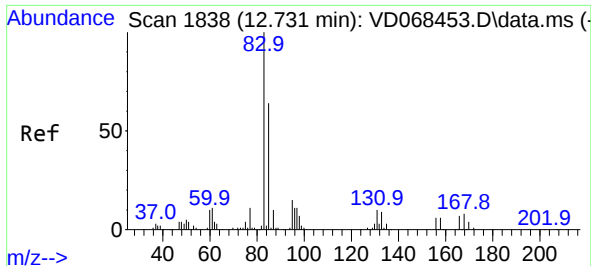


#74
N-ethyl acetate
Concen: 4.14 ug/l
RT: 12.284 min Scan# 1762
Delta R.T. -0.006 min
Lab File: VD068638.D
Acq: 17 Mar 2021 15:25



Tgt Ion: 43 Resp: 10191
Ion Ratio Lower Upper
43 100
70 51.8 41.8 62.8
55 32.6 24.2 36.4
61 26.5 21.7 32.5





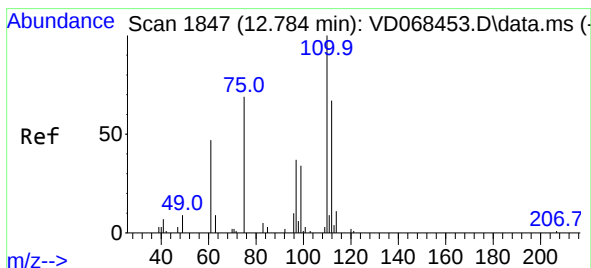
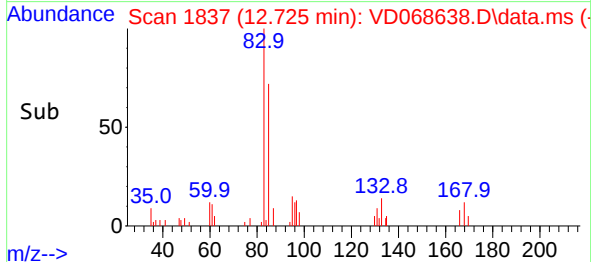
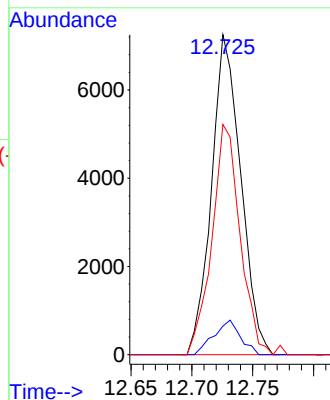
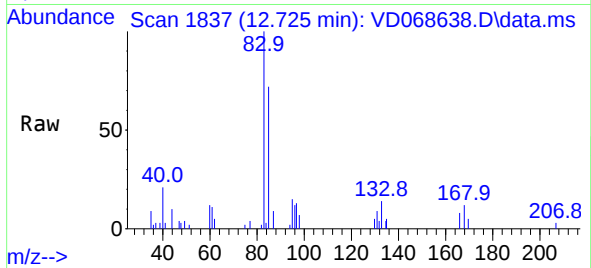
#75
1,1,2,2-Tetrachloroethane
Concen: 4.88 ug/l
RT: 12.725 min Scan# 1837
Delta R.T. -0.006 min
Lab File: VD068638.D
Acq: 17 Mar 2021 15:25

Tgt Ion	Ratio	Lower	Upper
83	100		
131	9.8	5.8	17.4
85	69.0	32.4	97.2

Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2021

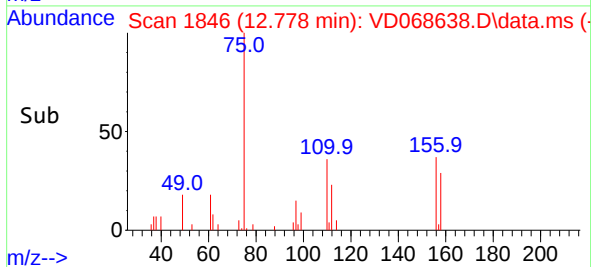
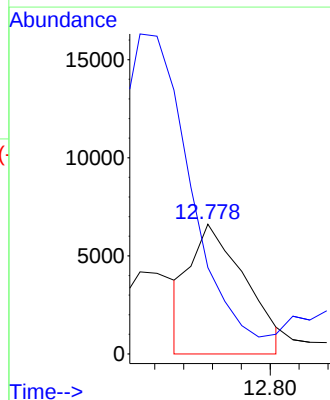
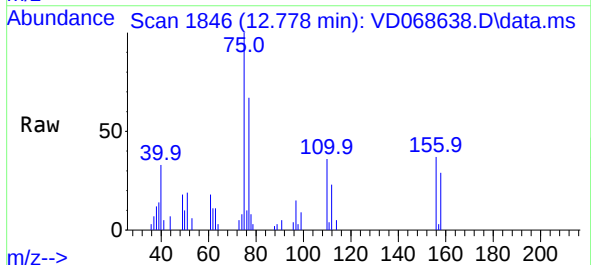
Manual Integrations
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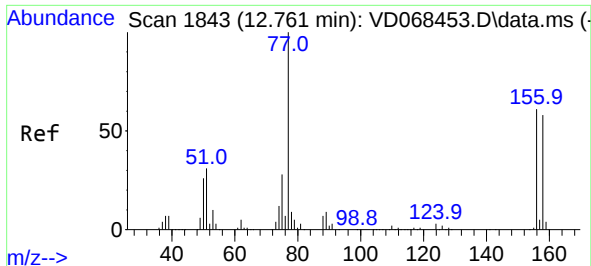
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#76
1,2,3-Trichloropropane
Concen: 5.03 ug/l m
RT: 12.778 min Scan# 1846
Delta R.T. -0.006 min
Lab File: VD068638.D
Acq: 17 Mar 2021 15:25

Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77
Bromobenzene
Concen: 5.37 ug/l
RT: 12.761 min Scan# 1843
Delta R.T. -0.000 min
Lab File: VD068638.D
Acq: 17 Mar 2021 15:25

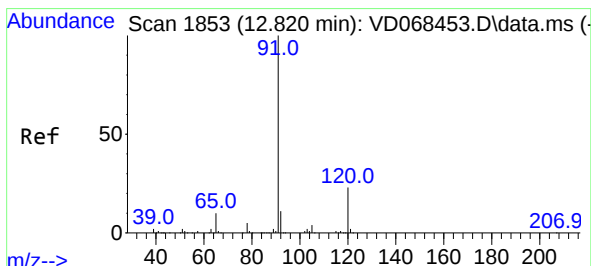
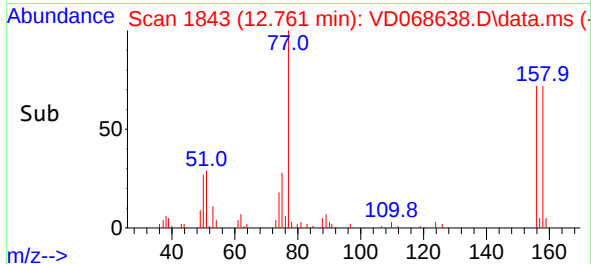
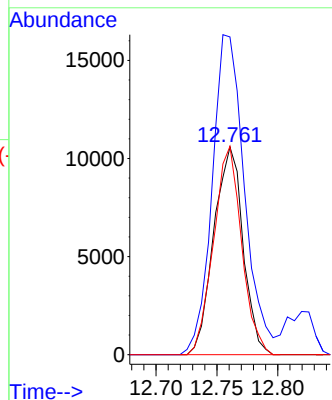
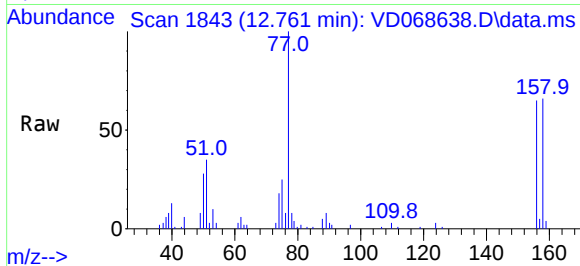
Tgt Ion: 156 Resp: 17681

Ion	Ratio	Lower	Upper
156	100		
77	169.8	82.8	248.3
158	96.5	48.0	144.0

Instrument :
MSVOA_D
ClientSampleId :
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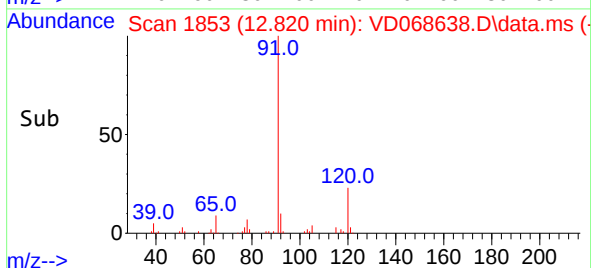
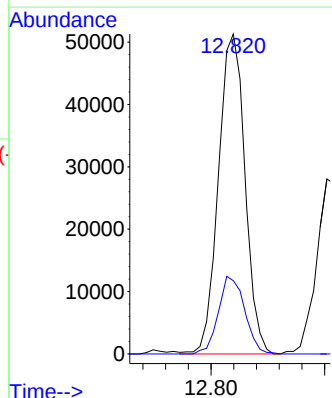
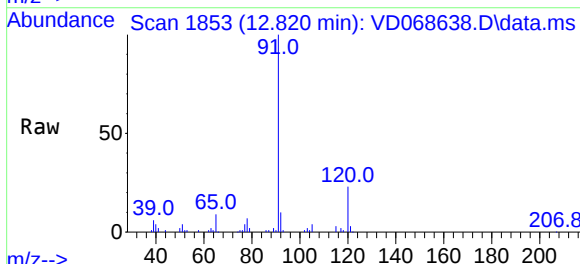
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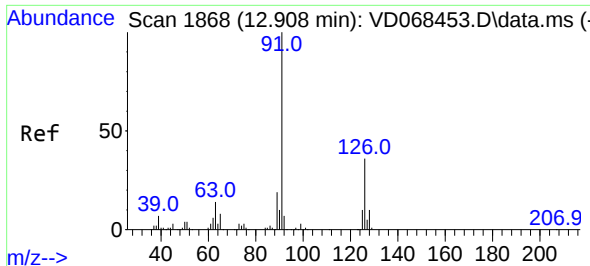


#78
n-propylbenzene
Concen: 4.82 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VD068638.D
Acq: 17 Mar 2021 15:25

Tgt Ion: 91 Resp: 83193

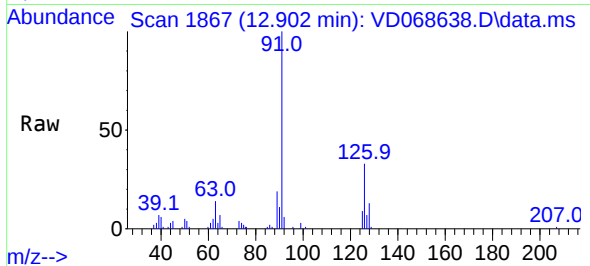
Ion	Ratio	Lower	Upper
91	100		
120	24.0	12.0	36.0





#79
2-Chlorotoluene
Concen: 4.97 ug/l
RT: 12.902 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD068638.D
Acq: 17 Mar 2021 15:25

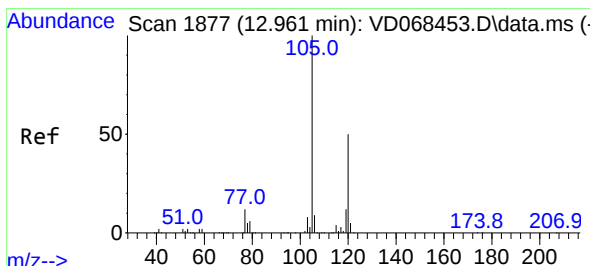
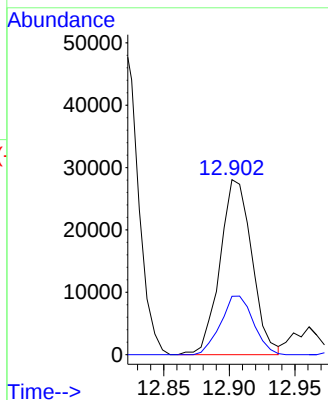
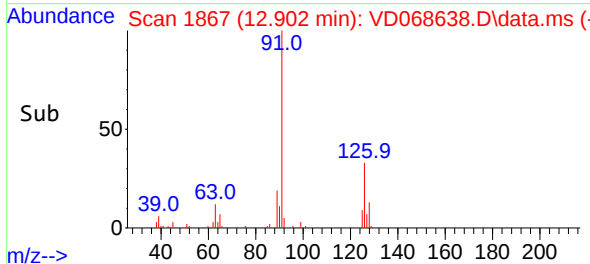
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2021



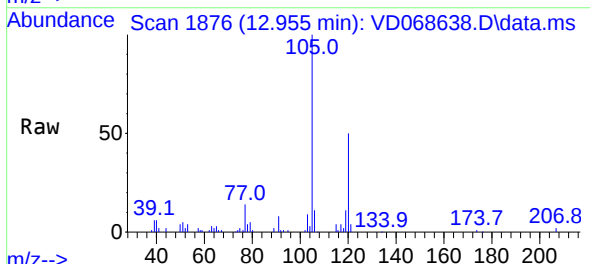
Tgt Ion: 91 Resp: 47590
Ion Ratio Lower Upper
91 100
126 34.3 17.8 53.5

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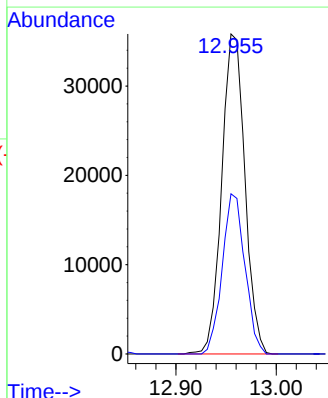
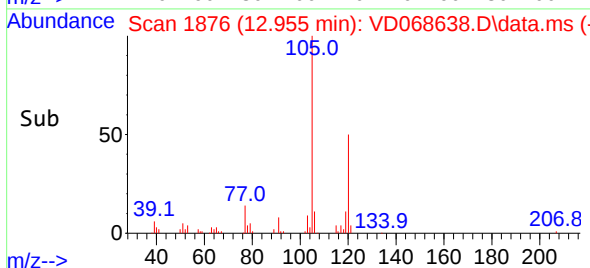
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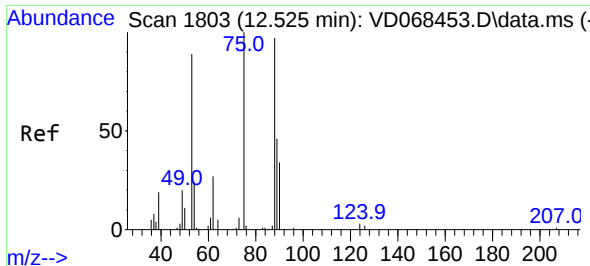


#80
1,3,5-Trimethylbenzene
Concen: 4.84 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VD068638.D
Acq: 17 Mar 2021 15:25



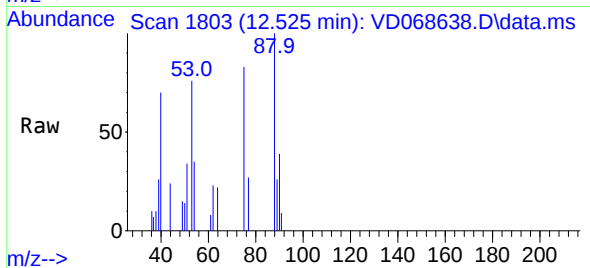
Tgt Ion: 105 Resp: 57278
Ion Ratio Lower Upper
105 100
120 49.0 24.2 72.6





#81
trans-1,4-Dichloro-2-butene
Concen: 4.45 ug/l
RT: 12.525 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VD068638.D
Acq: 17 Mar 2021 15:25

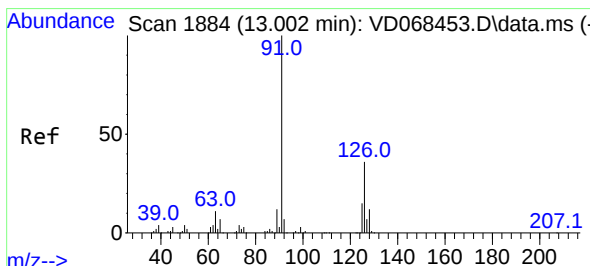
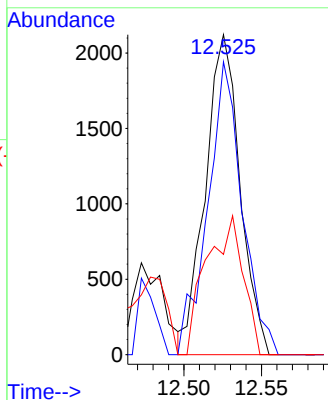
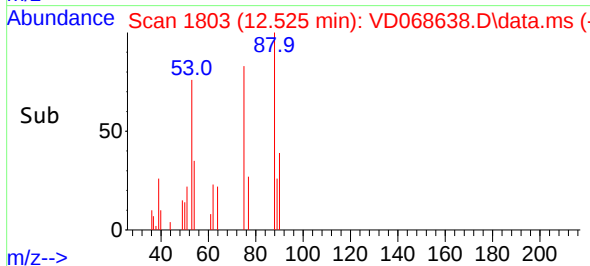
Instrument :
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ClientSampleId :
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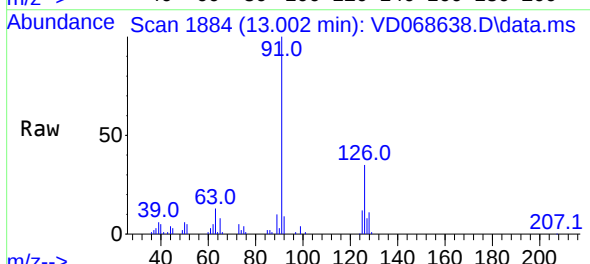
Tgt Ion: 75 Resp: 3298
Ion Ratio Lower Upper
75 100
53 90.8 70.2 105.2
89 46.0 40.3 60.5

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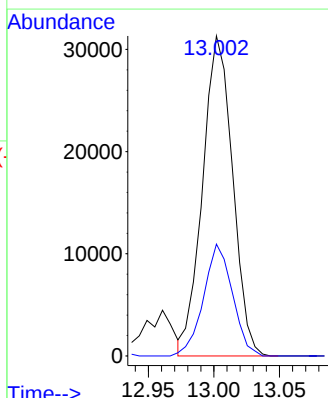
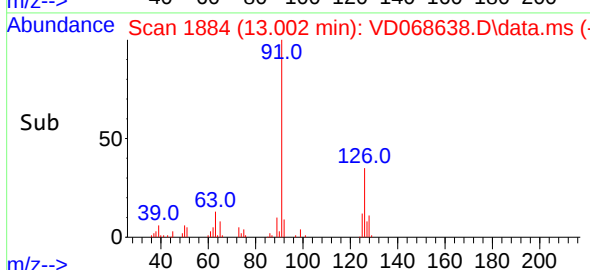
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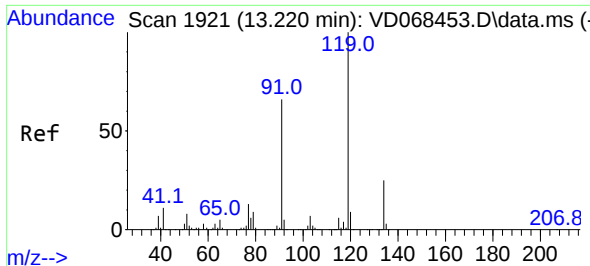


#82
4-Chlorotoluene
Concen: 4.96 ug/l
RT: 13.002 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VD068638.D
Acq: 17 Mar 2021 15:25



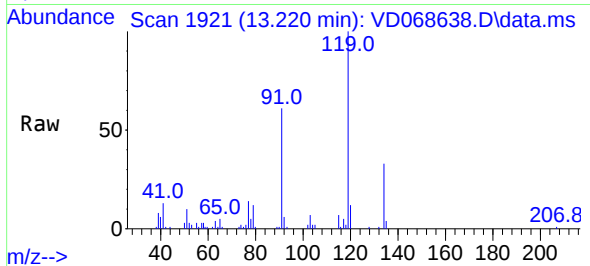
Tgt Ion: 91 Resp: 49939
Ion Ratio Lower Upper
91 100
126 33.6 17.7 53.1





#83
tert-Butylbenzene
Concen: 4.55 ug/l
RT: 13.220 min Scan# 1921
Delta R.T. -0.000 min
Lab File: VD068638.D
Acq: 17 Mar 2021 15:25

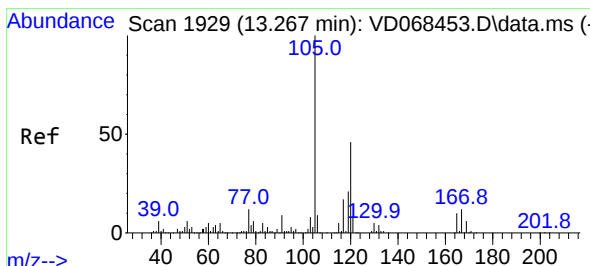
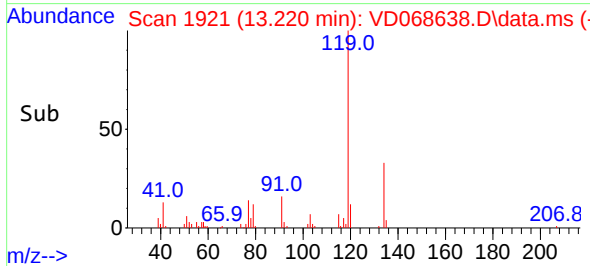
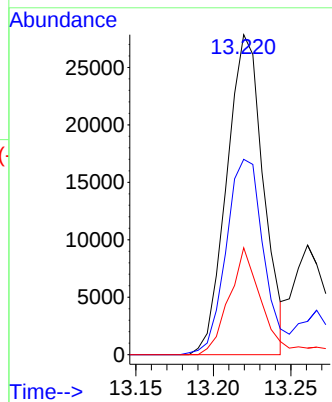
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2021



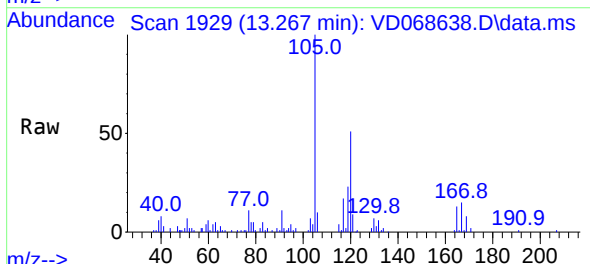
Tgt Ion:119 Resp: 45795
Ion Ratio Lower Upper
119 100
91 63.0 31.1 93.5
134 30.7 13.3 39.8

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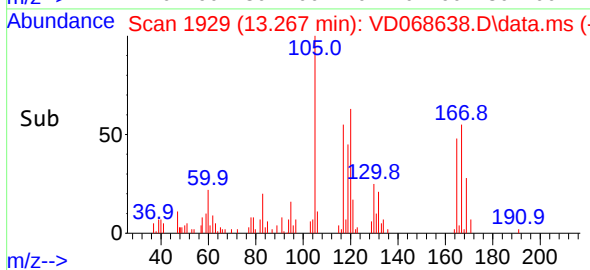
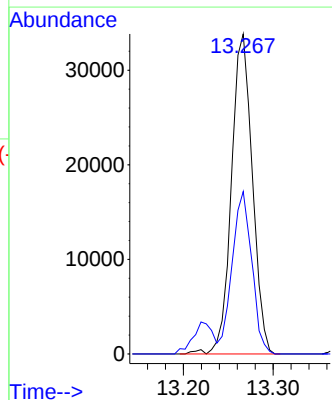
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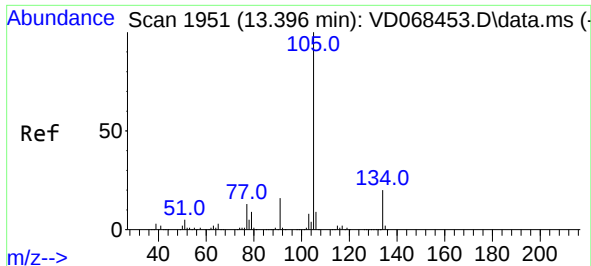


#84
1,2,4-Trimethylbenzene
Concen: 4.62 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. 0.000 min
Lab File: VD068638.D
Acq: 17 Mar 2021 15:25



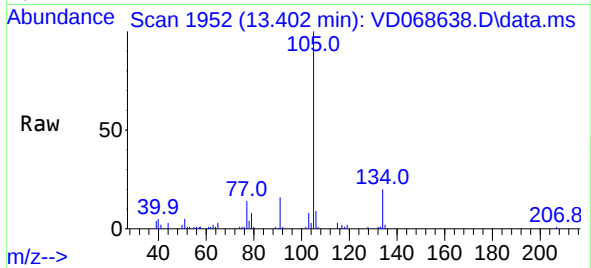
Tgt Ion:105 Resp: 54794
Ion Ratio Lower Upper
105 100
120 47.7 22.4 67.0





#85
 sec-Butylbenzene
 Concen: 4.86 ug/l
 RT: 13.402 min Scan# 1952
 Delta R.T. 0.006 min
 Lab File: VD068638.D
 Acq: 17 Mar 2021 15:25

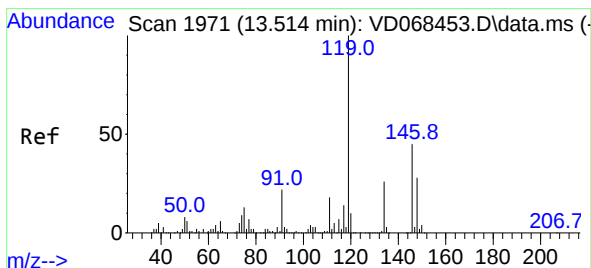
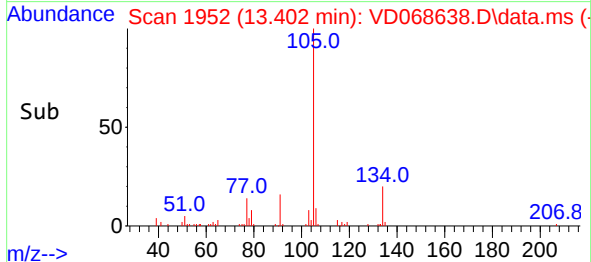
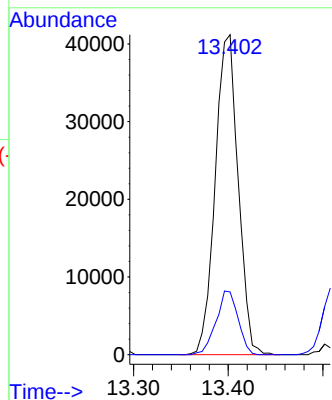
Instrument :
 MSVOA_D
 ClientSampleId :
 LOQ-SOIL-02-QT1-2021



Tgt Ion:105 Resp: 69235
 Ion Ratio Lower Upper
 105 100
 134 19.1 10.3 30.9

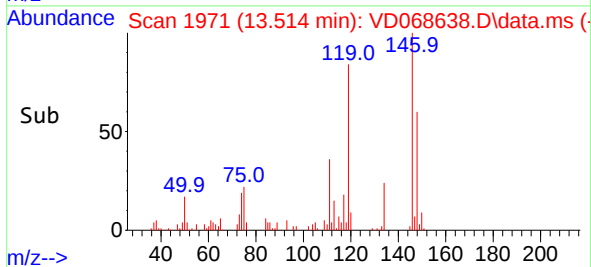
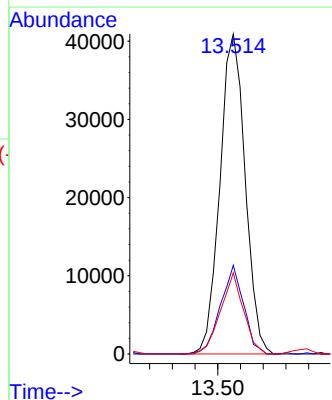
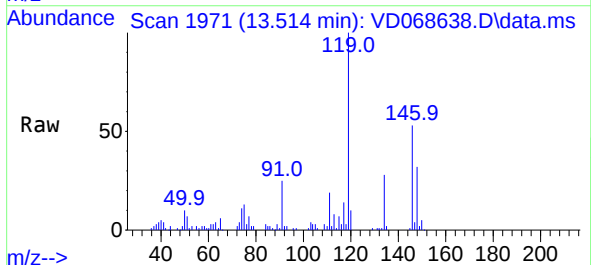
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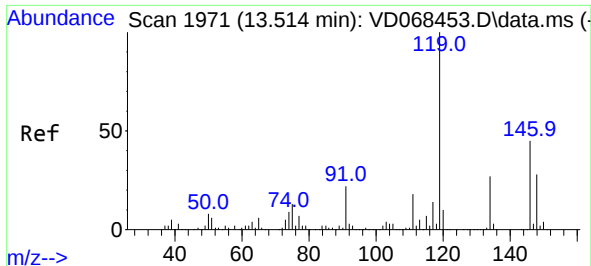
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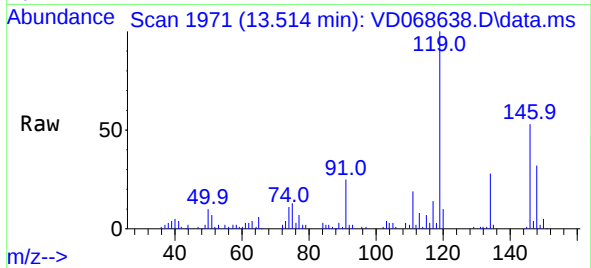
#86
 p-Isopropyltoluene
 Concen: 4.88 ug/l
 RT: 13.514 min Scan# 1971
 Delta R.T. 0.000 min
 Lab File: VD068638.D
 Acq: 17 Mar 2021 15:25

Tgt Ion:119 Resp: 63089
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.9 38.7
 91 23.1 11.7 35.0

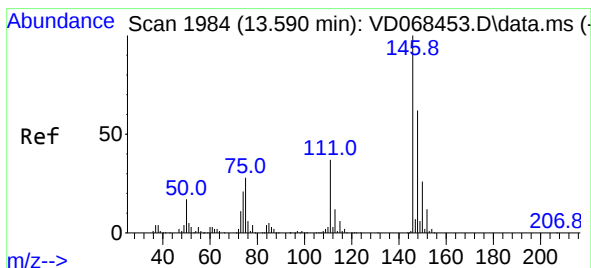
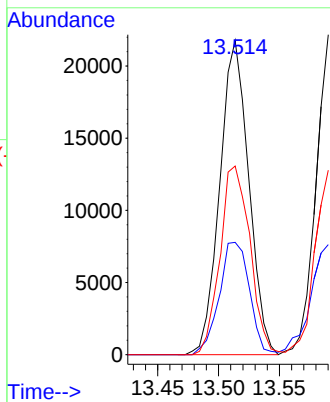
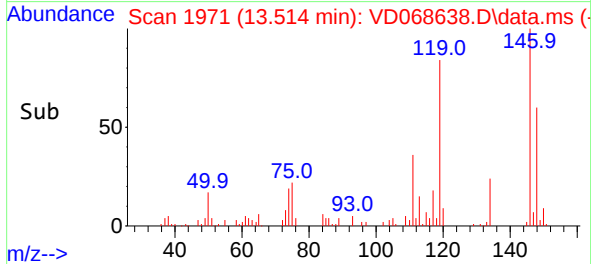




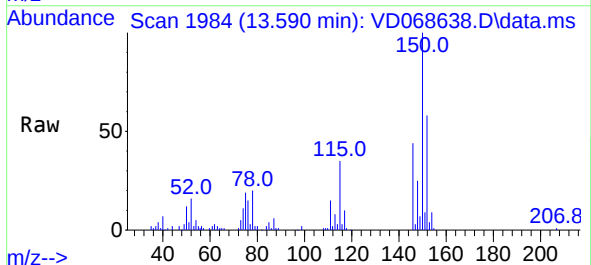
#87
1,3-Dichlorobenzene
Concen: 5.67 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. 0.000 min
Lab File: VD068638.D
Acq: 17 Mar 2021 15:25



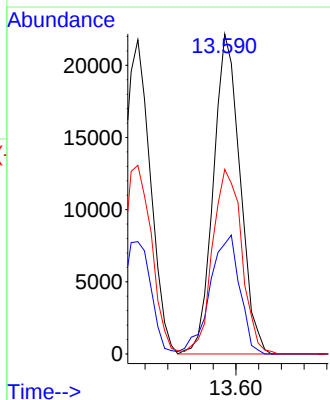
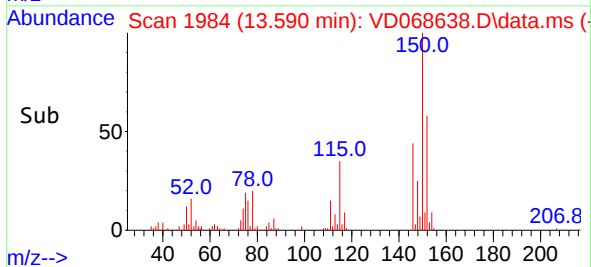
Tgt Ion:146 Resp: 36078
Ion Ratio Lower Upper
146 100
111 37.4 19.5 58.5
148 62.3 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 5.74 ug/l
RT: 13.590 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VD068638.D
Acq: 17 Mar 2021 15:25



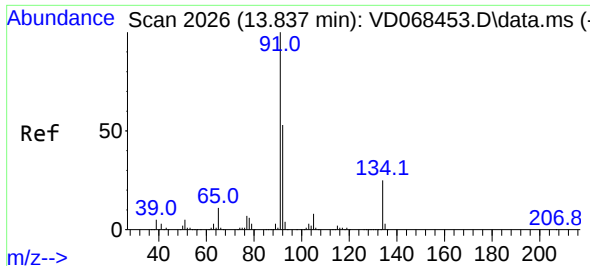
Tgt Ion:146 Resp: 36200
Ion Ratio Lower Upper
146 100
111 41.5 19.1 57.1
148 63.2 31.9 95.7



Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2021

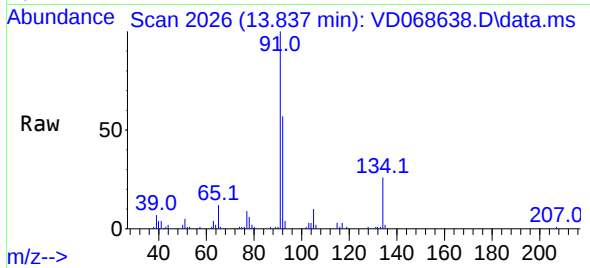
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#89
n-Butylbenzene
Concen: 4.88 ug/l
RT: 13.837 min Scan# 2026
Delta R.T. -0.000 min
Lab File: VD068638.D
Acq: 17 Mar 2021 15:25

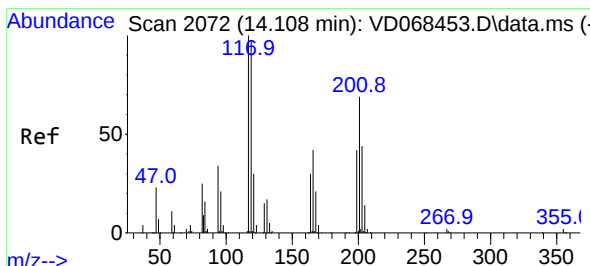
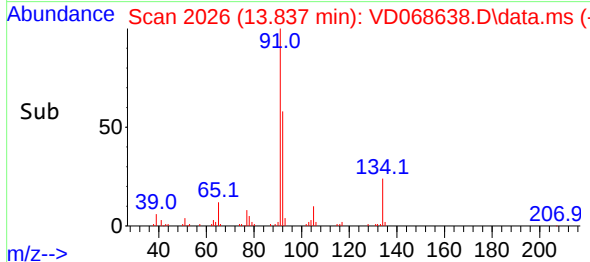
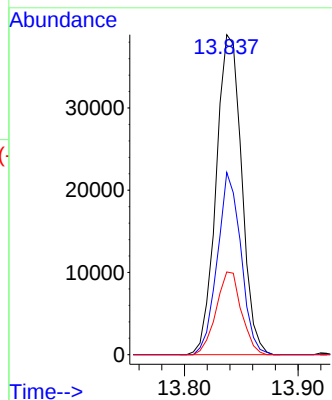
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2021



Tgt Ion: 91 Resp: 60839
Ion Ratio Lower Upper
91 100
92 52.5 27.2 81.6
134 25.6 13.9 41.7

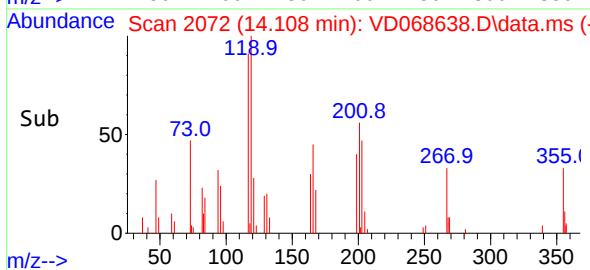
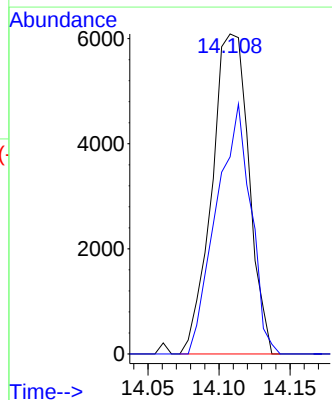
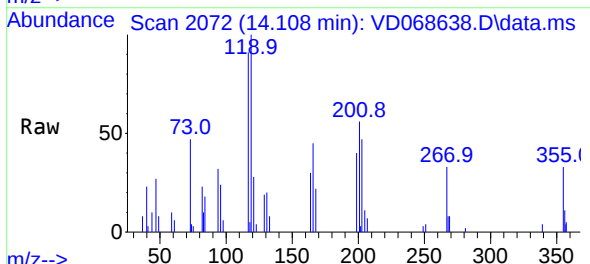
Manual Integrations
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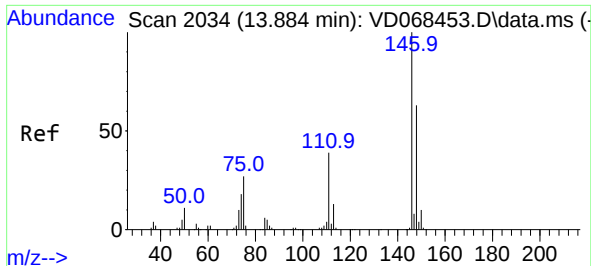
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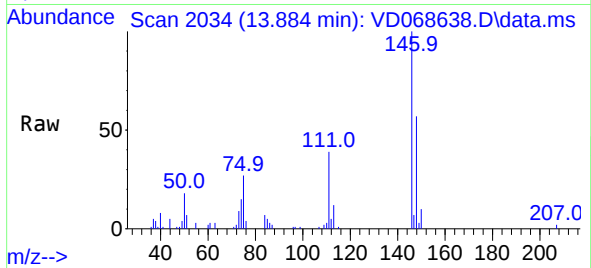
#90
Hexachloroethane
Concen: 4.31 ug/l
RT: 14.108 min Scan# 2072
Delta R.T. 0.000 min
Lab File: VD068638.D
Acq: 17 Mar 2021 15:25

Tgt Ion: 117 Resp: 11060
Ion Ratio Lower Upper
117 100
201 72.6 39.5 118.5

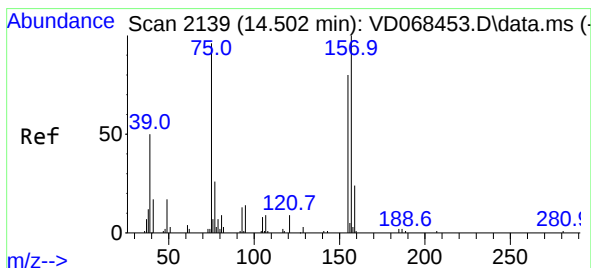
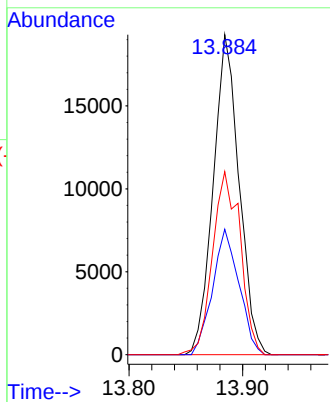
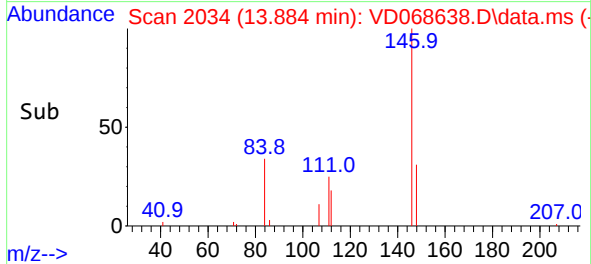




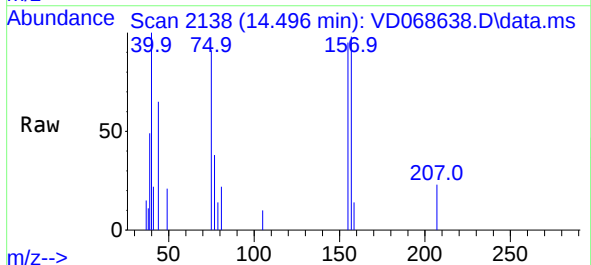
#91
1,2-Dichlorobenzene
Concen: 5.60 ug/l
RT: 13.884 min Scan# 2034
Delta R.T. 0.000 min
Lab File: VD068638.D
Acq: 17 Mar 2021 15:25



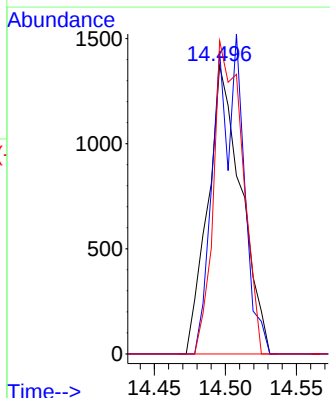
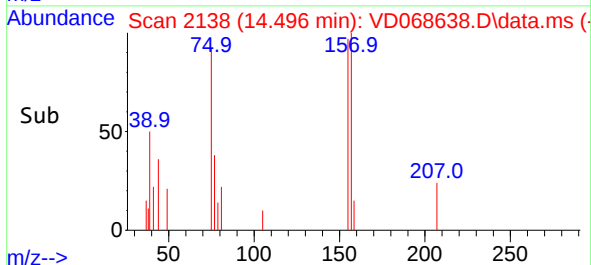
Tgt Ion: 146 Resp: 30575
Ion Ratio Lower Upper
146 100
111 40.0 20.3 60.9
148 61.0 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 5.12 ug/l
RT: 14.496 min Scan# 2138
Delta R.T. -0.006 min
Lab File: VD068638.D
Acq: 17 Mar 2021 15:25



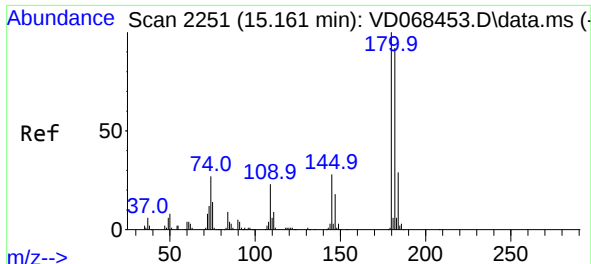
Tgt Ion: 75 Resp: 2240
Ion Ratio Lower Upper
75 100
155 94.8 48.0 144.2
157 93.8 65.0 194.8



Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2021

Manual Integrations
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MMDadoda
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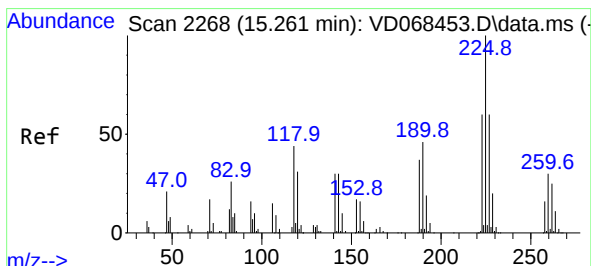
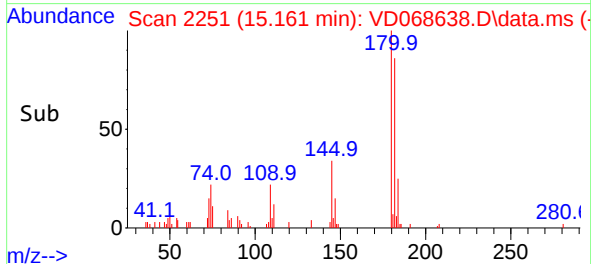
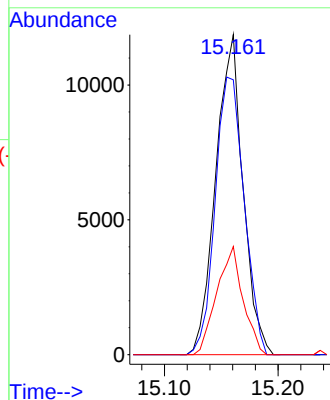
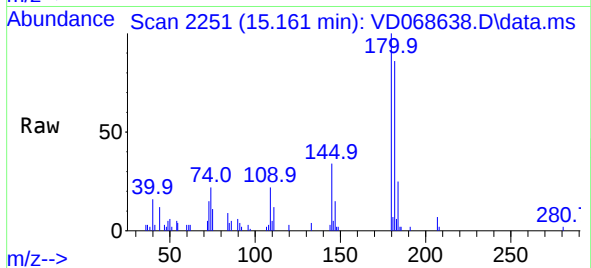
#93
1,2,4-Trichlorobenzene
Concen: 4.69 ug/l
RT: 15.161 min Scan# 2251
Delta R.T. 0.000 min
Lab File: VD068638.D
Acq: 17 Mar 2021 15:25

Tgt Ion:	180	Resp:	19755
Ion Ratio	Lower	Upper	
180	100		
182	92.3	46.8	140.4
145	32.6	15.2	45.5

Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2021

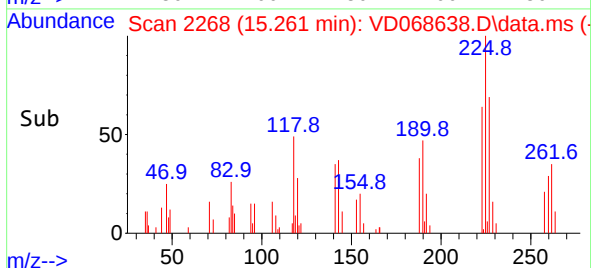
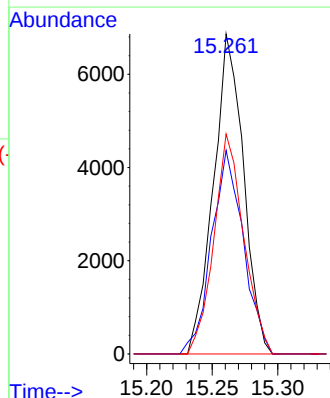
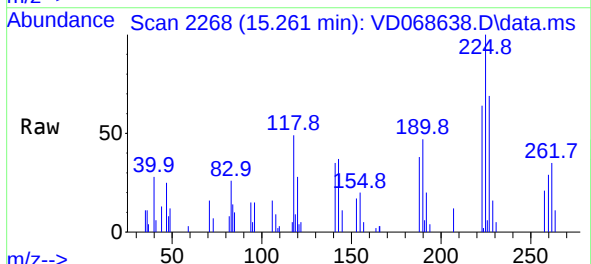
Manual Integrations
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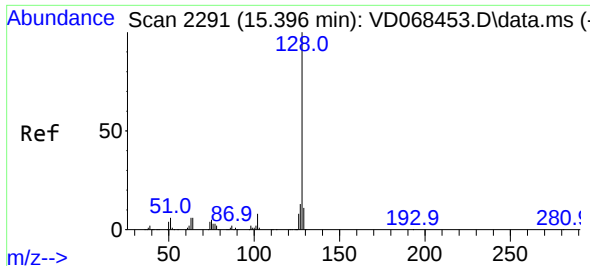
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#94
Hexachlorobutadiene
Concen: 4.68 ug/l
RT: 15.261 min Scan# 2268
Delta R.T. 0.000 min
Lab File: VD068638.D
Acq: 17 Mar 2021 15:25

Tgt Ion:	225	Resp:	10943
Ion Ratio	Lower	Upper	
225	100		
223	67.2	31.9	95.5
227	68.3	32.1	96.5





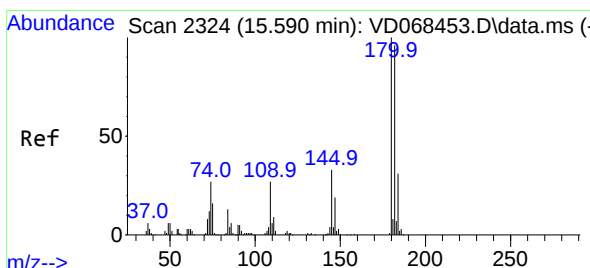
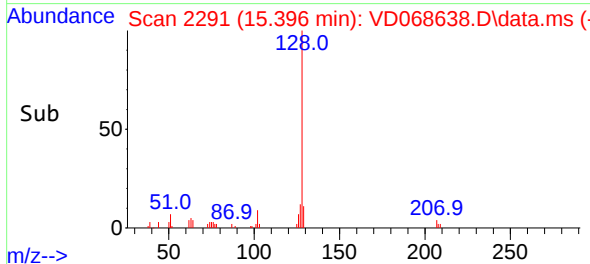
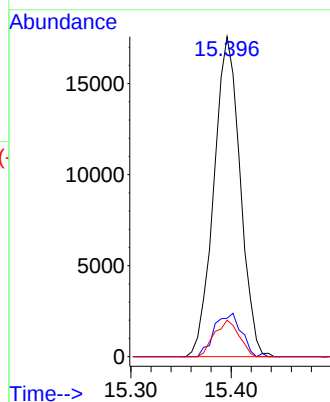
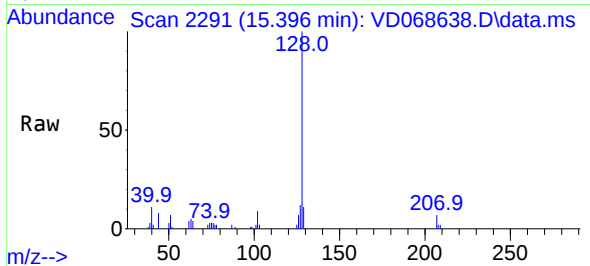
#95
Naphthalene
Concen: 4.19 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.000 min
Lab File: VD068638.D
Acq: 17 Mar 2021 15:25

Tgt Ion:	128	Resp:	32002
Ion Ratio	Lower	Upper	
128	100		
127	14.0	10.2	15.2
129	10.7	8.8	13.2

Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2021

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 4.97 ug/l
RT: 15.584 min Scan# 2323
Delta R.T. -0.006 min
Lab File: VD068638.D
Acq: 17 Mar 2021 15:25

Tgt Ion:	180	Resp:	18126
Ion Ratio	Lower	Upper	
180	100		
182	84.9	48.3	144.8
145	29.3	16.7	50.1

