

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031621\
 Data File : VD068628.D
 Acq On : 16 Mar 2021 13:33
 Operator : VA/SY
 Sample : M1458-01 4PPBLOD
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

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

Manual Integrations
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 3/17/2021 11:47:39 AM

Quant Time: Mar 17 01:20:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 17 01:19:06 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	238015	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	410741	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	374692	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	204746	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	114813	48.28	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.56%		
35) Dibromofluoromethane	7.914	113	124610	50.36	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.72%		
50) Toluene-d8	10.344	98	468109	47.50	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	95.00%		
62) 4-Bromofluorobenzene	12.632	95	160795	50.62	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	101.24%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	9869	4.27	ug/l	93
3) Chloromethane	2.209	50	13394	4.59	ug/l	99
4) Vinyl Chloride	2.350	62	15582	4.50	ug/l	97
5) Bromomethane	2.768	94	12552	5.09	ug/l	94
6) Chloroethane	2.926	64	9981	4.45	ug/l	90
7) Trichlorofluoromethane	3.273	101	18739	4.74	ug/l	88
8) Diethyl Ether	3.720	74	4780	4.06	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.103	101	12160	5.05	ug/l #	66
10) Methyl Iodide	4.303	142	10310	4.03	ug/l	91
11) Tert butyl alcohol	5.238	59	3391	26.71	ug/l #	74
12) 1,1-Dichloroethene	4.073	96	11386	4.76	ug/l	87
13) Acrolein	3.926	56	3462	19.08	ug/l	96
14) Allyl chloride	4.714	41	13608	4.41	ug/l	94
15) Acrylonitrile	5.420	53	11699	23.55	ug/l	95
16) Acetone	4.156	43	8313	22.01	ug/l	92
17) Carbon Disulfide	4.415	76	36140	4.61	ug/l	97
18) Methyl Acetate	4.726	43	4856	4.99	ug/l #	80
19) Methyl tert-butyl Ether	5.479	73	23131	4.46	ug/l #	90
20) Methylene Chloride	4.967	84	22159	6.91	ug/l	93
21) trans-1,2-Dichloroethene	5.473	96	13599	4.76	ug/l	96
22) Diisopropyl ether	6.367	45	27439	4.04	ug/l #	93
23) Vinyl Acetate	6.309	43	61039	17.31	ug/l	100
24) 1,1-Dichloroethane	6.261	63	21571	4.63	ug/l	94
25) 2-Butanone	7.220	43	11825	21.78	ug/l	93
26) 2,2-Dichloropropane	7.214	77	18180	4.68	ug/l	94
27) cis-1,2-Dichloroethene	7.214	96	14140	4.51	ug/l	97
28) Bromochloromethane	7.556	49	8448	4.65	ug/l #	82
29) Tetrahydrofuran	7.567	42	6848	19.42	ug/l	98
30) Chloroform	7.714	83	22350	4.54	ug/l	97
31) Cyclohexane	7.985	56	22800	5.27	ug/l #	83
32) 1,1,1-Trichloroethane	7.908	97	20206	4.81	ug/l #	92
36) 1,1-Dichloropropene	8.114	75	18205	4.66	ug/l	93
37) Ethyl Acetate	7.297	43	5478	4.23	ug/l #	84
38) Carbon Tetrachloride	8.097	117	16910	4.61	ug/l #	81
39) Methylcyclohexane	9.355	83	21862	4.54	ug/l	96
40) Benzene	8.355	78	49954	4.46	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	2566	3.41	ug/l #	82
42) 1,2-Dichloroethane	8.426	62	13043	4.43	ug/l	99
43) Isopropyl Acetate	8.455	43	9773	4.10	ug/l #	78
44) Trichloroethene	9.114	130	13288	4.32	ug/l	94
45) 1,2-Dichloropropane	9.391	63	11664	4.36	ug/l #	88
46) Dibromomethane	9.473	93	6198	4.26	ug/l	92
47) Bromodichloromethane	9.667	83	16839	4.47	ug/l	91
48) Methyl methacrylate	9.455	41	5824	4.59	ug/l #	86
49) 1,4-Dioxane	9.455	88	1322	79.59	ug/l #	77
51) 4-Methyl-2-Pentanone	10.226	43	25108	20.15	ug/l	95
52) Toluene	10.402	92	32521	4.55	ug/l	99
53) t-1,3-Dichloropropene	10.626	75	14314	4.11	ug/l	92
54) cis-1,3-Dichloropropene	10.091	75	18612	4.38	ug/l #	90
55) 1,1,2-Trichloroethane	10.802	97	9643	4.78	ug/l	96
56) Ethyl methacrylate	10.661	69	8641	3.73	ug/l	96
57) 1,3-Dichloropropane	10.944	76	15182	4.32	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.944	63	23851	20.52	ug/l	94
59) 2-Hexanone	10.985	43	16294	19.62	ug/l	100
60) Dibromochloromethane	11.144	129	10994	4.41	ug/l	97
61) 1,2-Dibromoethane	11.244	107	8665	4.39	ug/l	97
64) Tetrachloroethene	10.879	164	12157	4.97	ug/l	93
65) Chlorobenzene	11.673	112	34303	4.50	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.738	131	12391	4.67	ug/l	93
67) Ethyl Benzene	11.744	91	58059	4.26	ug/l	99
68) m/p-Xylenes	11.849	106	42317	8.18	ug/l	100
69) o-Xylene	12.179	106	20341	4.27	ug/l	96
70) Styrene	12.191	104	32615	4.00	ug/l	95
71) Bromoform	12.355	173	6258	4.64	ug/l #	93
73) Isopropylbenzene	12.479	105	53605	3.53	ug/l	98
74) N-amyl acetate	12.285	43	8307	3.21	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.732	83	10457	4.00	ug/l	96
76) 1,2,3-Trichloropropane	12.785	75	5553m	3.06	ug/l	
77) Bromobenzene	12.761	156	14907	4.30	ug/l	98
78) n-propylbenzene	12.820	91	72684	4.01	ug/l	99
79) 2-Chlorotoluene	12.908	91	41536	4.12	ug/l	98
80) 1,3,5-Trimethylbenzene	12.961	105	48031	3.86	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.526	75	2789	3.58	ug/l	98
82) 4-Chlorotoluene	13.002	91	42782	4.04	ug/l	97
83) tert-Butylbenzene	13.220	119	38275	3.61	ug/l	96
84) 1,2,4-Trimethylbenzene	13.267	105	45522	3.65	ug/l	99
85) sec-Butylbenzene	13.396	105	56648	3.78	ug/l	100
86) p-Isopropyltoluene	13.514	119	52616	3.87	ug/l	98
87) 1,3-Dichlorobenzene	13.514	146	28770	4.30	ug/l	98
88) 1,4-Dichlorobenzene	13.590	146	30743	4.64	ug/l	92
89) n-Butylbenzene	13.838	91	53085	4.05	ug/l	99
90) Hexachloroethane	14.108	117	10876	4.03	ug/l	86
91) 1,2-Dichlorobenzene	13.885	146	25997	4.53	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.508	75	1995	4.33	ug/l	69
93) 1,2,4-Trichlorobenzene	15.155	180	17420	3.93	ug/l	98
94) Hexachlorobutadiene	15.261	225	9524	3.87	ug/l	97
95) Naphthalene	15.396	128	28130	3.50	ug/l	99
96) 1,2,3-Trichlorobenzene	15.590	180	14717	3.83	ug/l	94

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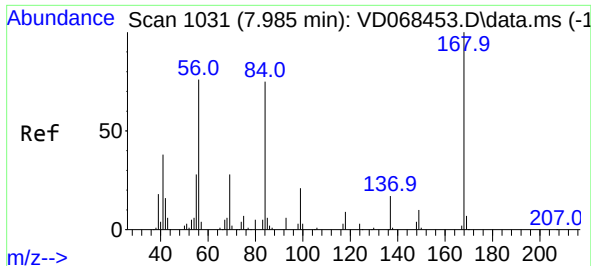
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



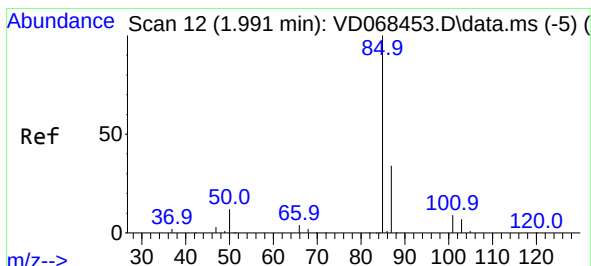
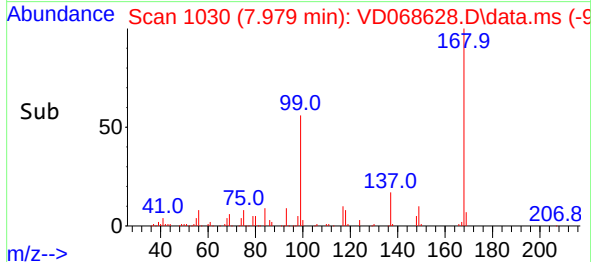
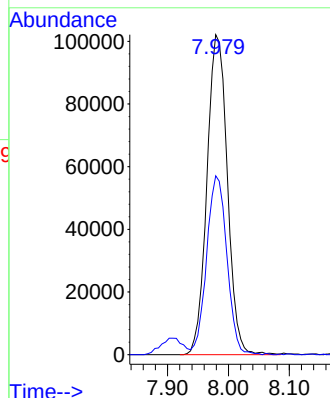
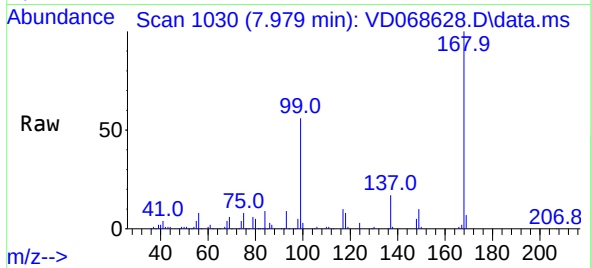
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Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068628.D
Acq: 16 Mar 2021 13:33

Tgt Ion: 168 Resp: 238015
Ion Ratio Lower Upper
168 100
99 55.7 43.5 65.3

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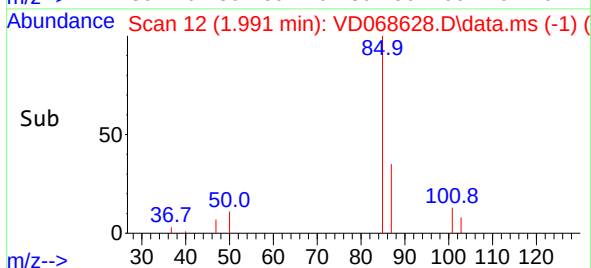
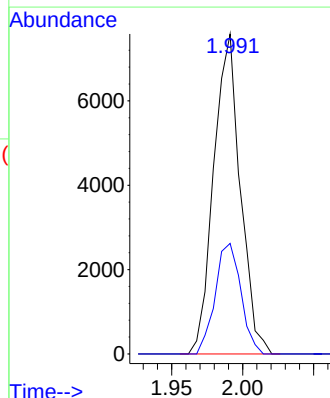
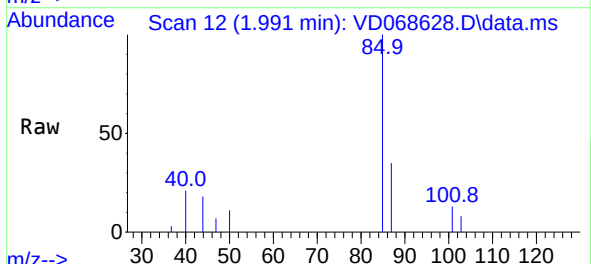
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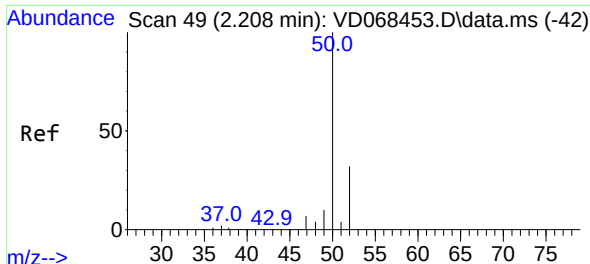
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#2
Dichlorodifluoromethane
Concen: 4.27 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD068628.D
Acq: 16 Mar 2021 13:33

Tgt Ion: 85 Resp: 9869
Ion Ratio Lower Upper
85 100
87 34.6 15.4 46.1





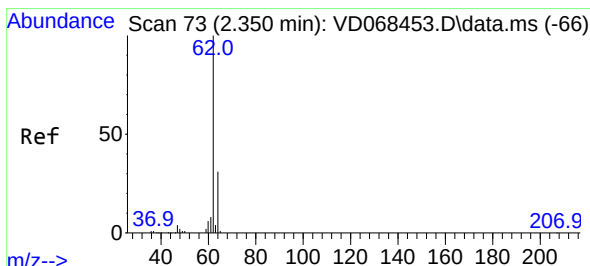
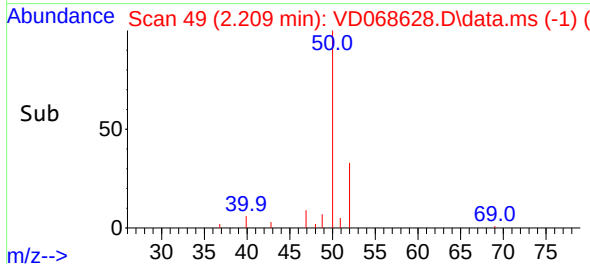
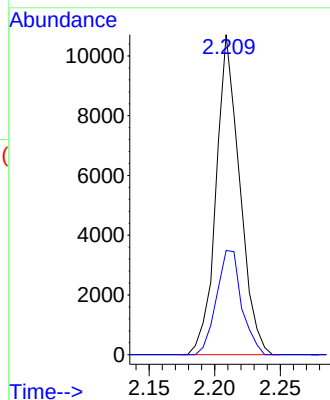
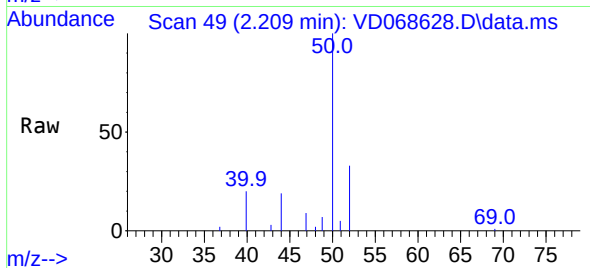
#3
Chloromethane
Concen: 4.59 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD068628.D
Acq: 16 Mar 2021 13:33

Tgt Ion: 50 Resp: 13394
Ion Ratio Lower Upper
50 100
52 32.6 25.4 38.2

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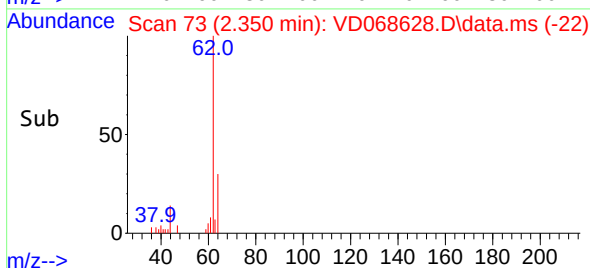
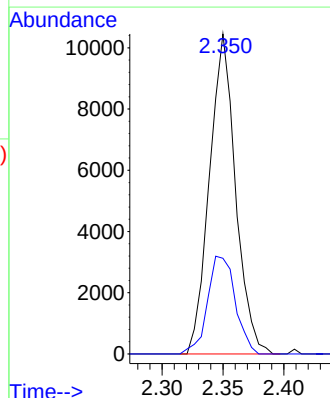
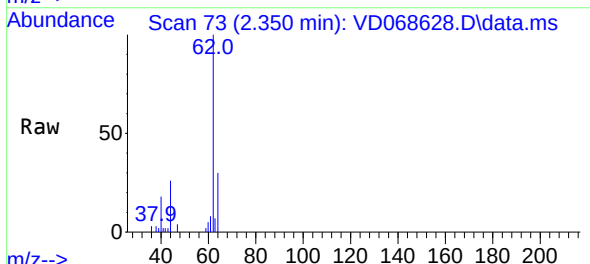
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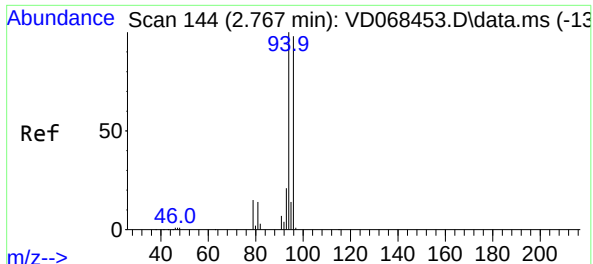
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#4
Vinyl Chloride
Concen: 4.50 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.000 min
Lab File: VD068628.D
Acq: 16 Mar 2021 13:33

Tgt Ion: 62 Resp: 15582
Ion Ratio Lower Upper
62 100
64 29.9 25.4 38.2





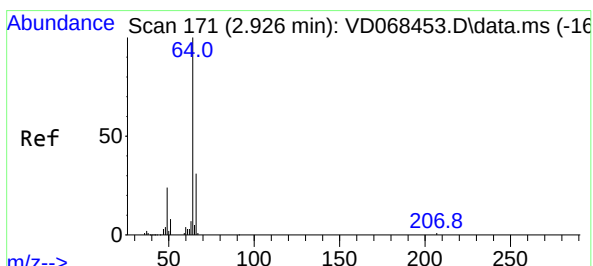
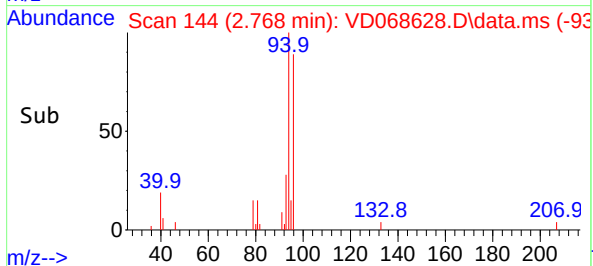
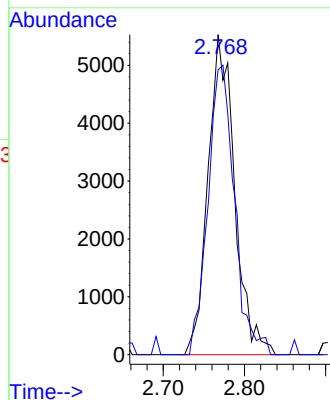
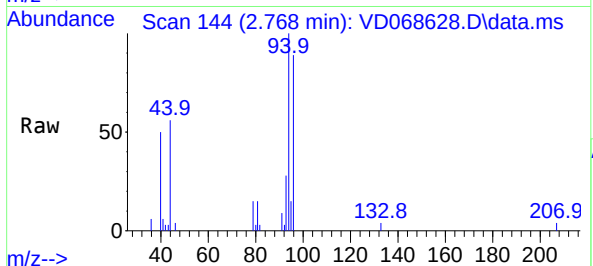
#5
Bromomethane
Concen: 5.09 ug/l
RT: 2.768 min Scan# 144
Delta R.T. 0.000 min
Lab File: VD068628.D
Acq: 16 Mar 2021 13:33

Tgt Ion: 94 Resp: 12552
Ion Ratio Lower Upper
94 100
96 89.1 75.8 113.8

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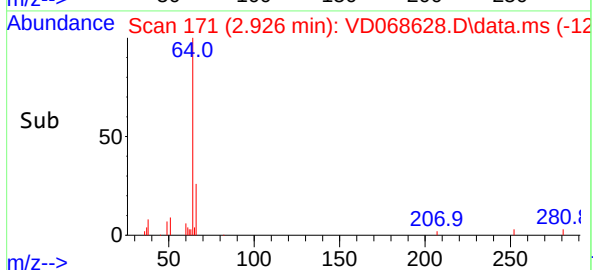
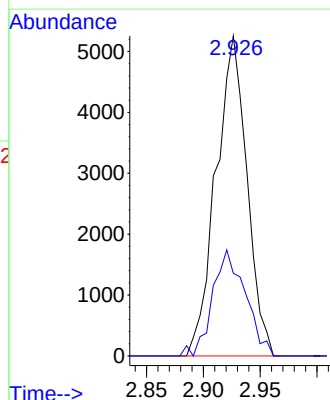
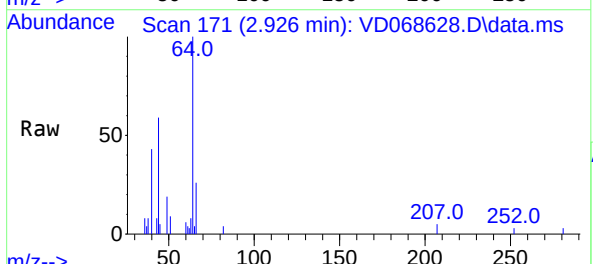
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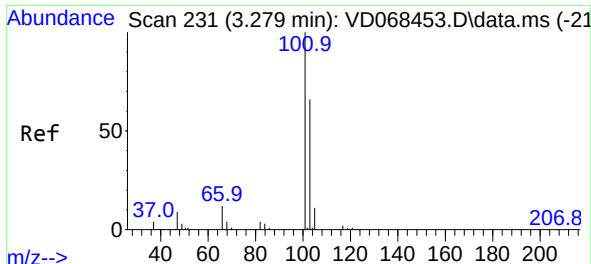
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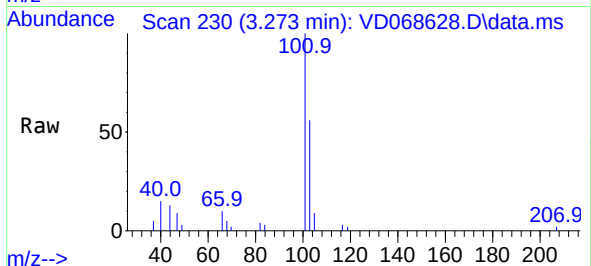
#6
Chloroethane
Concen: 4.45 ug/l
RT: 2.926 min Scan# 171
Delta R.T. 0.000 min
Lab File: VD068628.D
Acq: 16 Mar 2021 13:33

Tgt Ion: 64 Resp: 9981
Ion Ratio Lower Upper
64 100
66 25.9 25.1 37.7

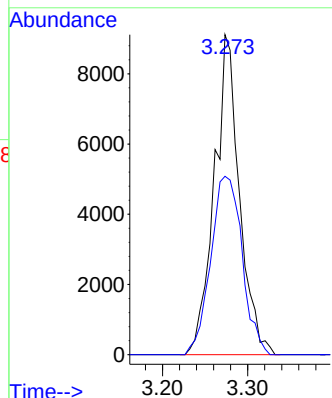
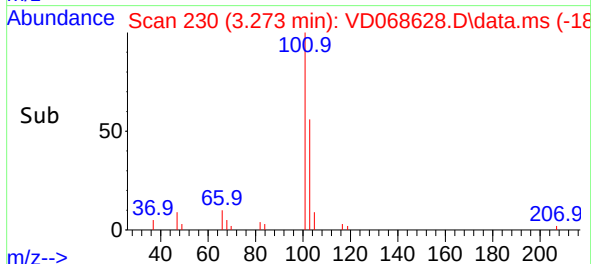




#7
Trichlorofluoromethane
Concen: 4.74 ug/l
RT: 3.273 min Scan# 230
Delta R.T. -0.006 min
Lab File: VD068628.D
Acq: 16 Mar 2021 13:33



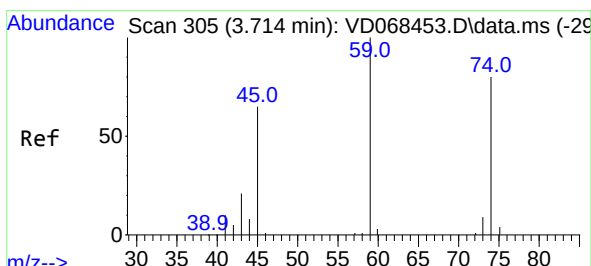
Tgt Ion:101 Resp: 18739
Ion Ratio Lower Upper
101 100
103 55.7 52.0 78.0



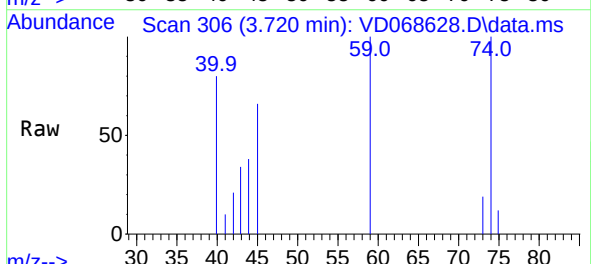
Instrument :
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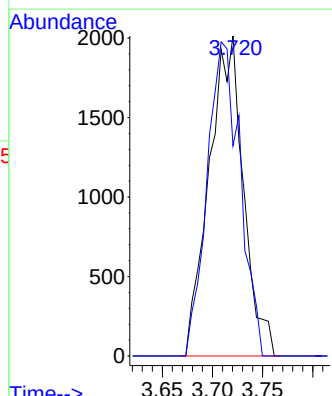
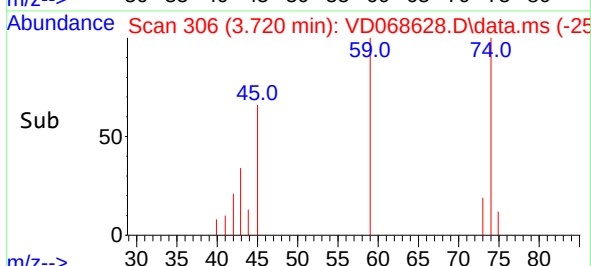
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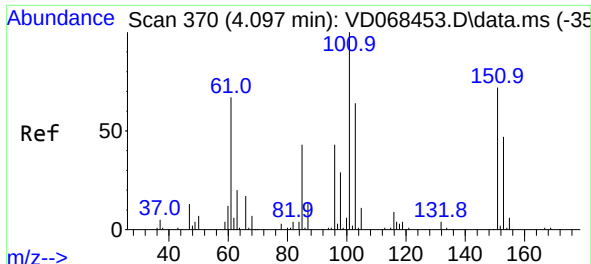


#8
Diethyl Ether
Concen: 4.06 ug/l
RT: 3.720 min Scan# 306
Delta R.T. 0.006 min
Lab File: VD068628.D
Acq: 16 Mar 2021 13:33



Tgt Ion: 74 Resp: 4780
Ion Ratio Lower Upper
74 100
45 94.4 42.1 126.4





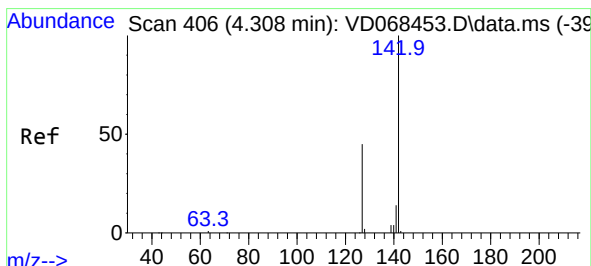
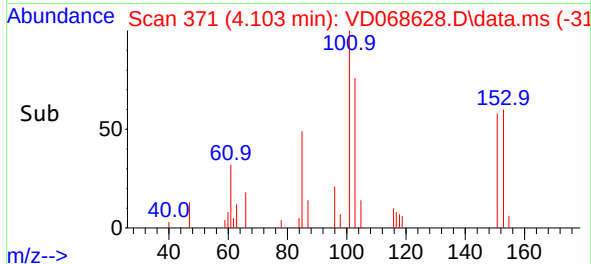
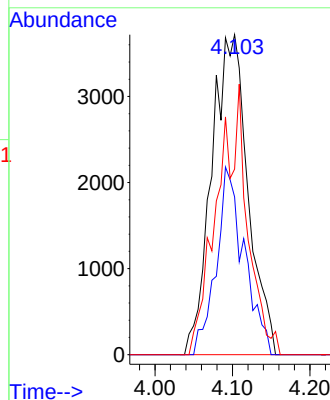
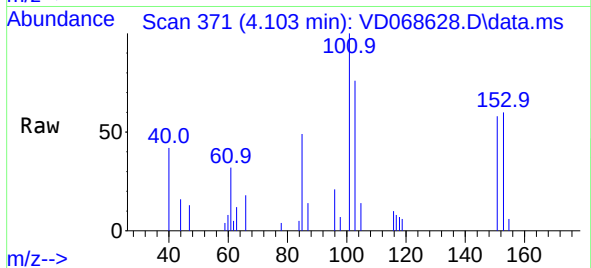
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.05 ug/l
RT: 4.103 min Scan# 371
Delta R.T. 0.006 min
Lab File: VD068628.D
Acq: 16 Mar 2021 13:33

Tgt Ion:101 Resp: 12160
Ion Ratio Lower Upper
101 100
85 45.0 34.0 51.0
151 36.3 64.1 96.1#

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

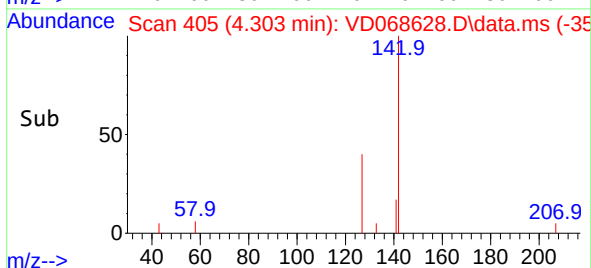
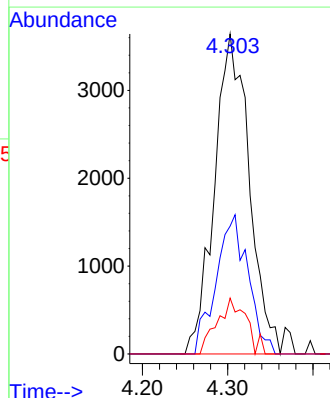
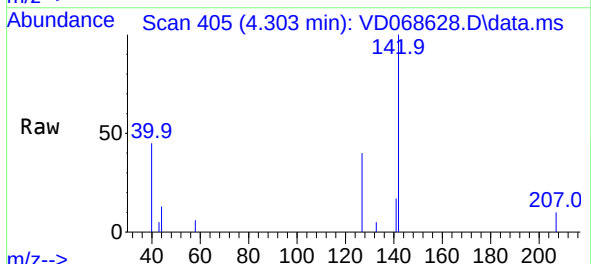
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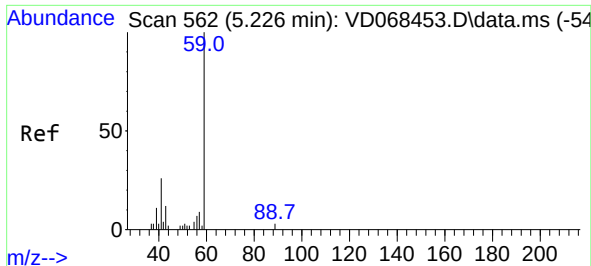
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#10
Methyl Iodide
Concen: 4.03 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.005 min
Lab File: VD068628.D
Acq: 16 Mar 2021 13:33

Tgt Ion:142 Resp: 10310
Ion Ratio Lower Upper
142 100
127 40.0 37.9 56.9
141 14.6 11.5 17.3





#11

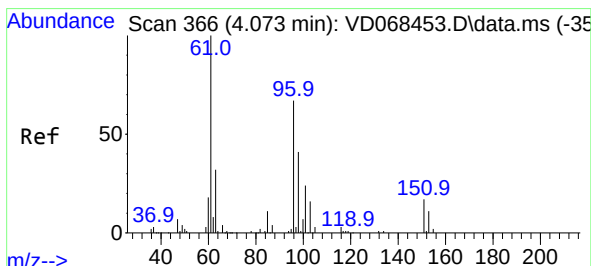
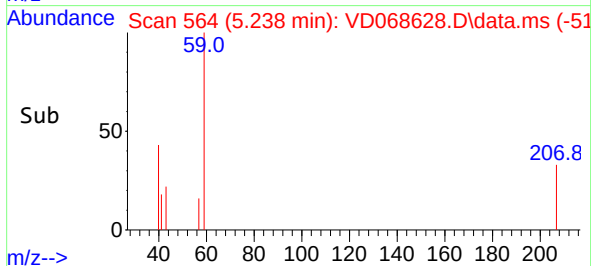
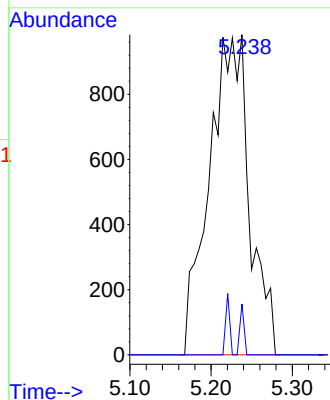
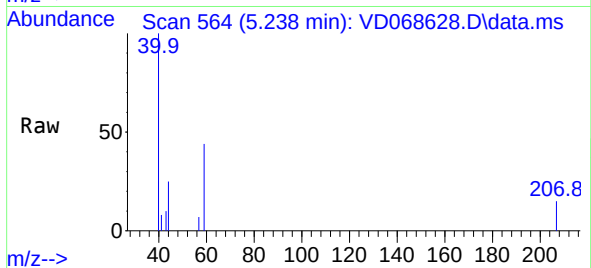
Tert butyl alcohol
Concen: 26.71 ug/l
RT: 5.238 min Scan# 564
Delta R.T. 0.012 min
Lab File: VD068628.D
Acq: 16 Mar 2021 13:33

Tgt Ion: 59 Resp: 3391
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

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

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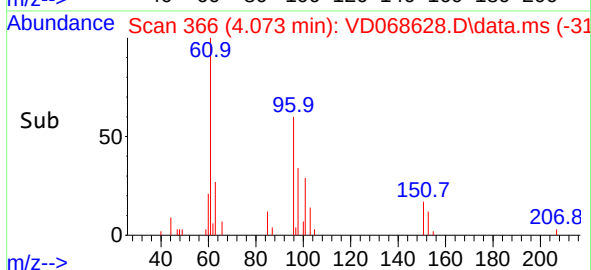
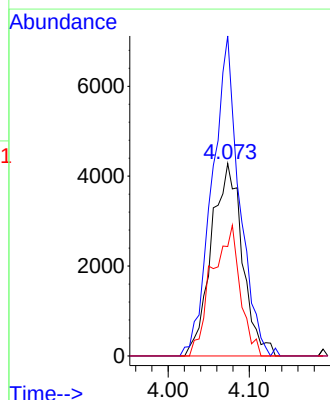
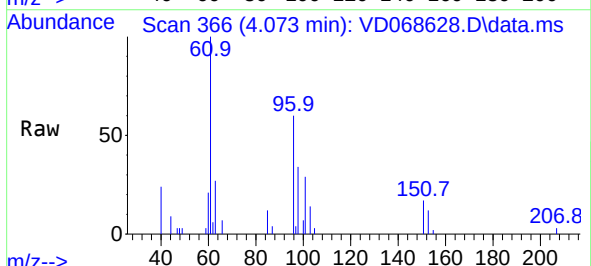
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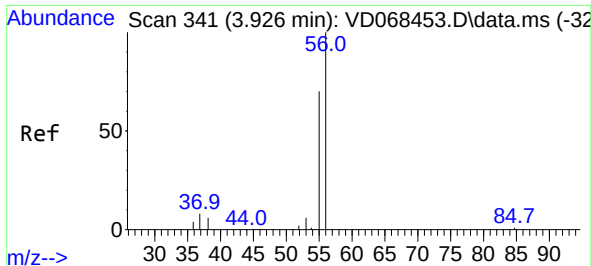


#12

1,1-Dichloroethene
Concen: 4.76 ug/l
RT: 4.073 min Scan# 366
Delta R.T. 0.000 min
Lab File: VD068628.D
Acq: 16 Mar 2021 13:33

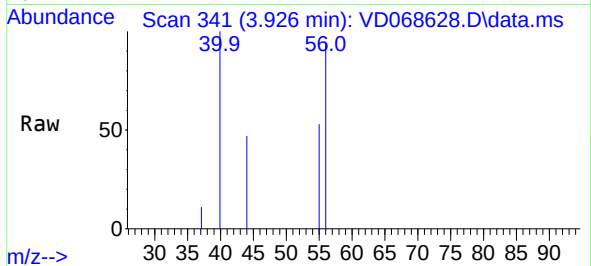
Tgt Ion: 96 Resp: 11386
Ion Ratio Lower Upper
96 100
61 166.2 116.2 174.4
98 56.9 48.6 73.0





#13
Acrolein
Concen: 19.08 ug/l
RT: 3.926 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD068628.D
Acq: 16 Mar 2021 13:33

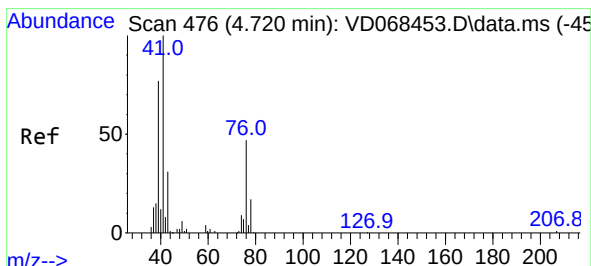
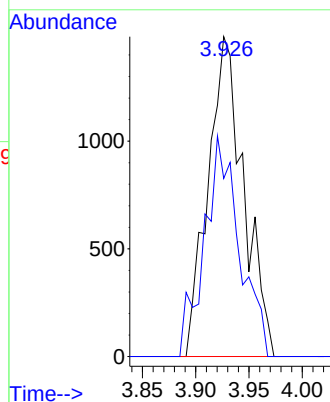
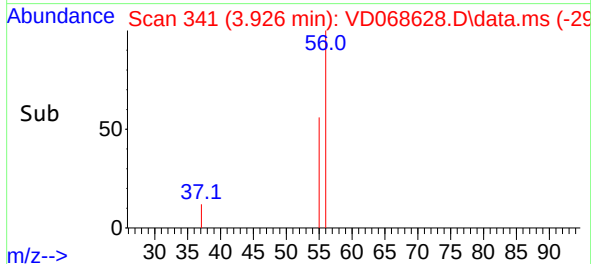
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



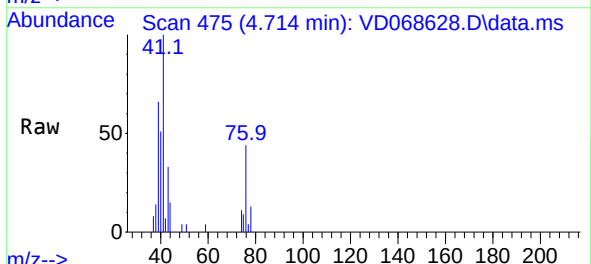
Tgt Ion: 56 Resp: 3462
Ion Ratio Lower Upper
56 100
55 67.2 56.5 84.7

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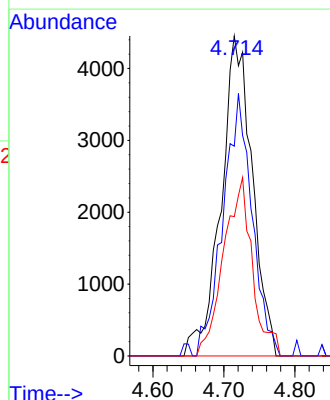
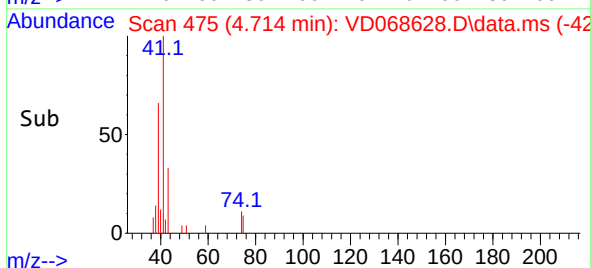
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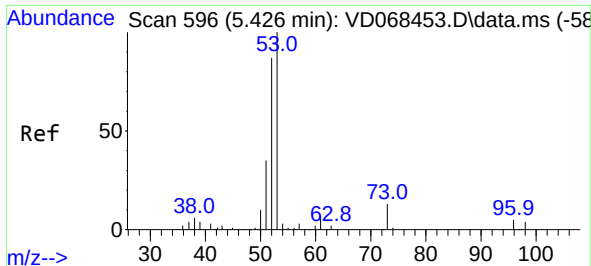


#14
Allyl chloride
Concen: 4.41 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.006 min
Lab File: VD068628.D
Acq: 16 Mar 2021 13:33



Tgt Ion: 41 Resp: 13608
Ion Ratio Lower Upper
41 100
39 76.4 56.3 84.5
76 51.1 38.9 58.3





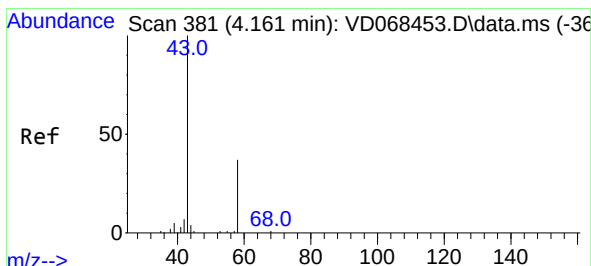
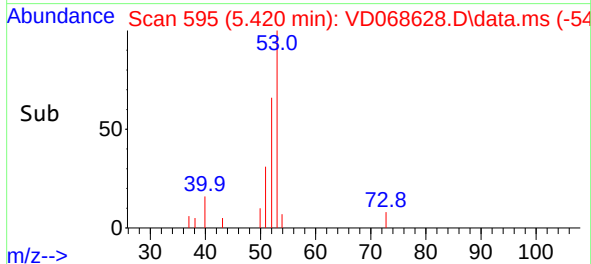
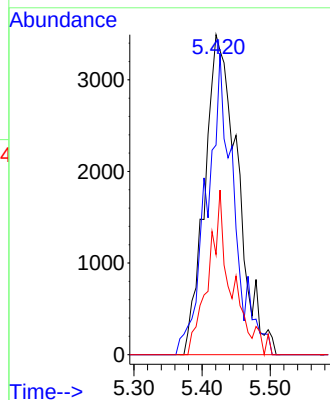
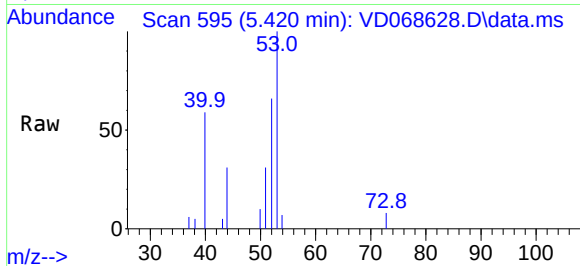
#15
Acrylonitrile
Concen: 23.55 ug/l
RT: 5.420 min Scan# 595
Delta R.T. -0.006 min
Lab File: VD068628.D
Acq: 16 Mar 2021 13:33

Tgt Ion:	53	Resp:	11699
Ion	Ratio	Lower	Upper
53	100		
52	77.9	66.2	99.2
51	34.0	29.0	43.4

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

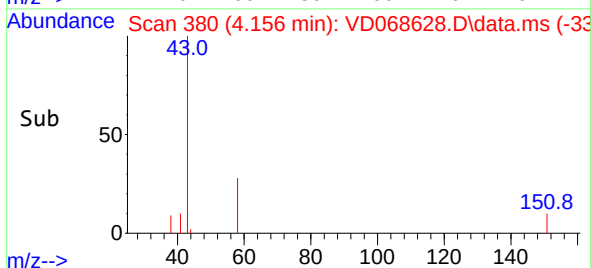
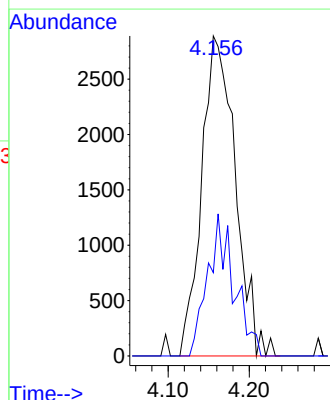
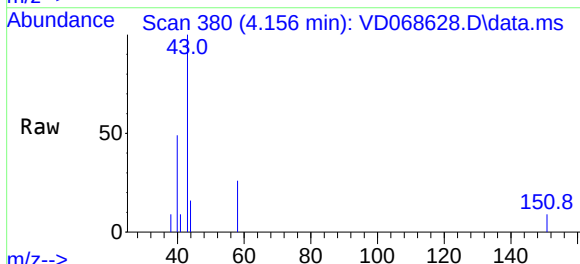
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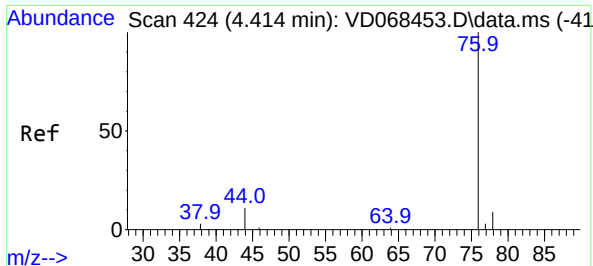
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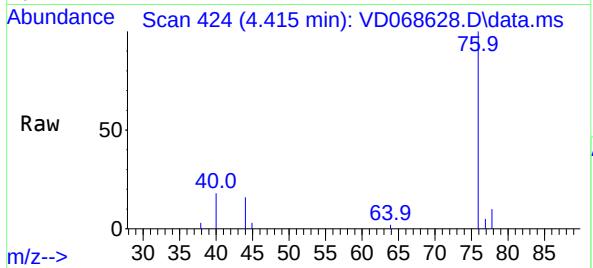
#16
Acetone
Concen: 22.01 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD068628.D
Acq: 16 Mar 2021 13:33

Tgt Ion:	43	Resp:	8313
Ion	Ratio	Lower	Upper
43	100		
58	26.1	24.2	36.4

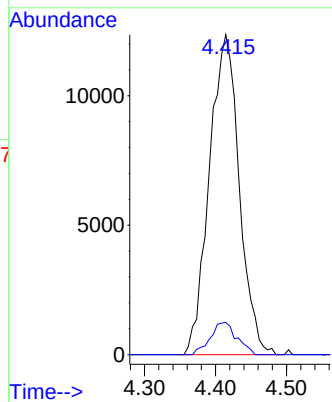
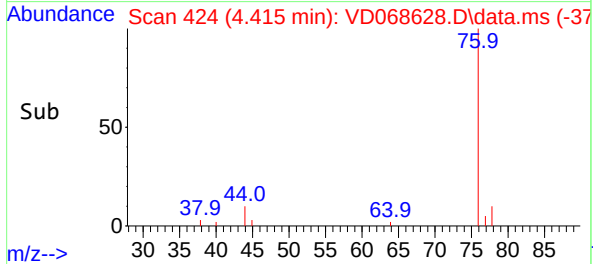




#17
Carbon Disulfide
Concen: 4.61 ug/l
RT: 4.415 min Scan# 424
Delta R.T. 0.000 min
Lab File: VD068628.D
Acq: 16 Mar 2021 13:33



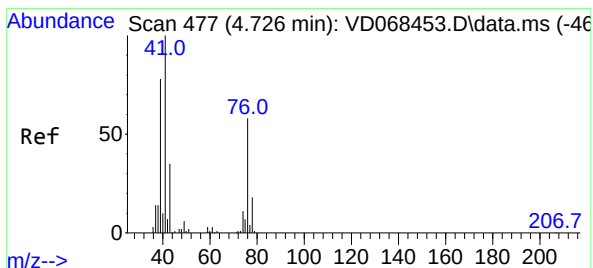
Tgt Ion: 76 Resp: 36140
Ion Ratio Lower Upper
76 100
78 10.1 7.3 10.9



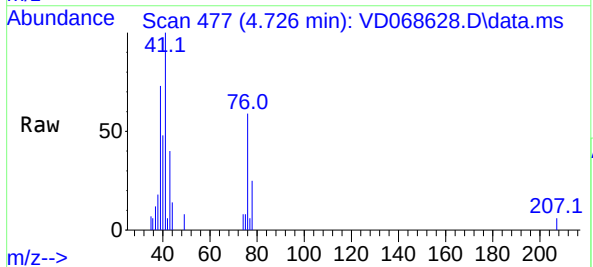
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

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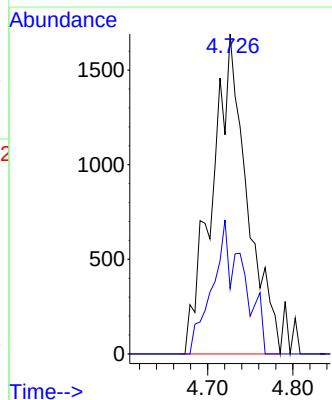
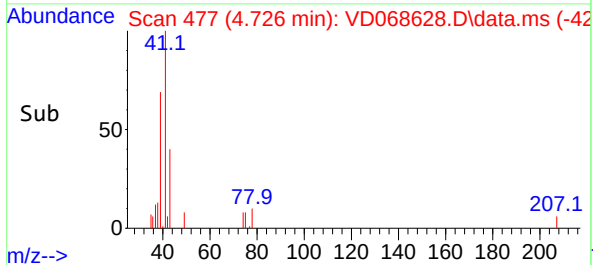
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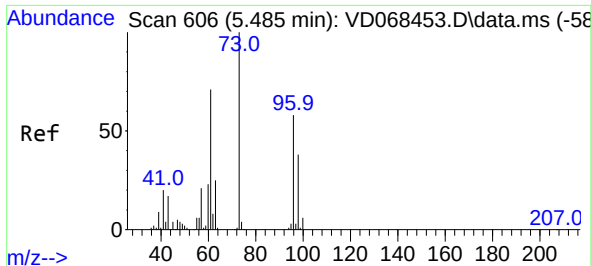


#18
Methyl Acetate
Concen: 4.99 ug/l
RT: 4.726 min Scan# 477
Delta R.T. 0.000 min
Lab File: VD068628.D
Acq: 16 Mar 2021 13:33

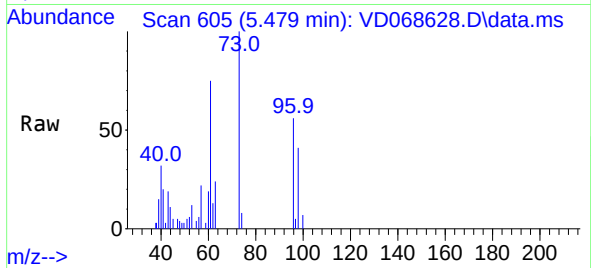


Tgt Ion: 43 Resp: 4856
Ion Ratio Lower Upper
43 100
74 20.4 25.4 38.0#

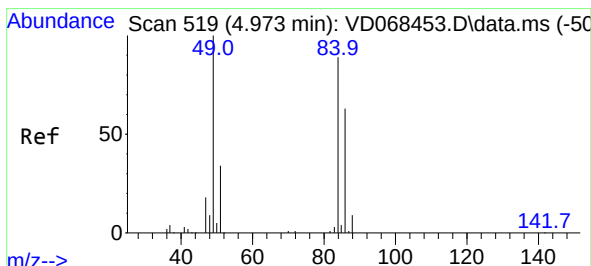
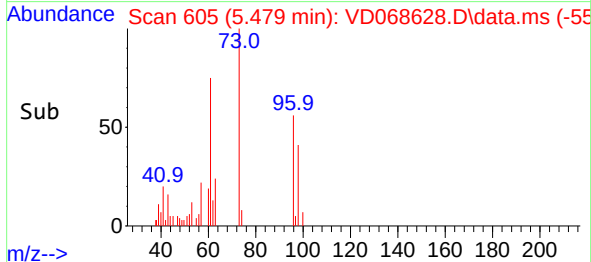
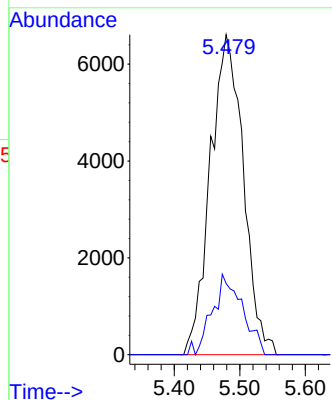




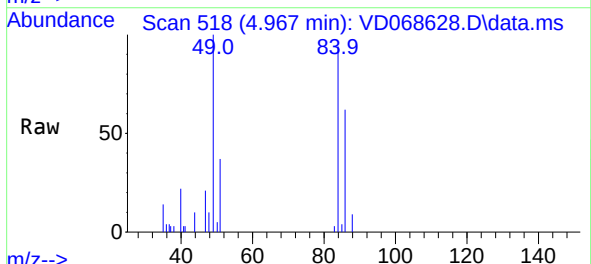
#19
Methyl tert-butyl Ether
Concen: 4.46 ug/l
RT: 5.479 min Scan# 605
Delta R.T. -0.006 min
Lab File: VD068628.D
Acq: 16 Mar 2021 13:33



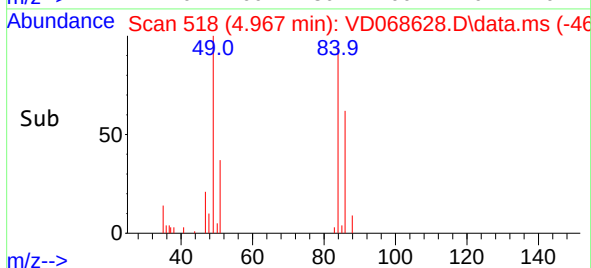
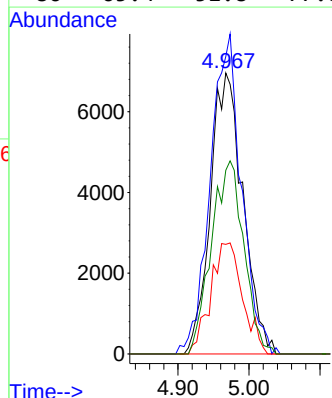
Tgt Ion: 73 Resp: 23131
Ion Ratio Lower Upper
73 100
57 22.3 14.4 21.6#



#20
Methylene Chloride
Concen: 6.91 ug/l
RT: 4.967 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD068628.D
Acq: 16 Mar 2021 13:33



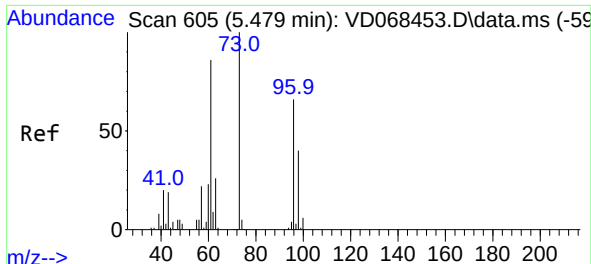
Tgt Ion: 84 Resp: 22159
Ion Ratio Lower Upper
84 100
49 105.8 77.4 116.2
51 39.0 26.1 39.1
86 65.4 51.8 77.8



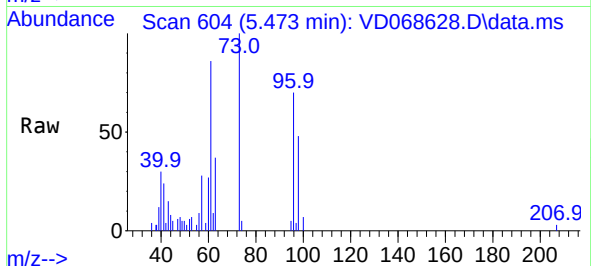
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

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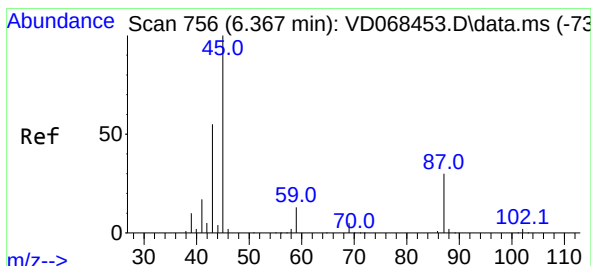
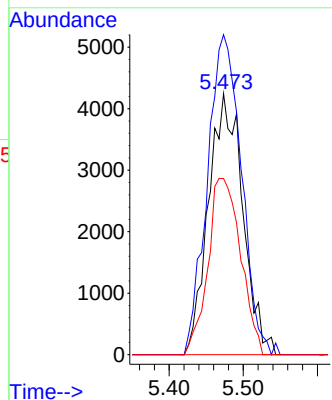
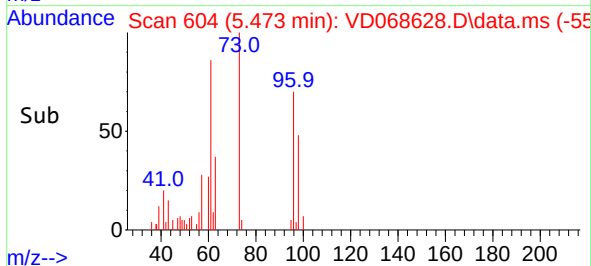


#21
trans-1,2-Dichloroethene
Concen: 4.76 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.006 min
Lab File: VD068628.D
Acq: 16 Mar 2021 13:33

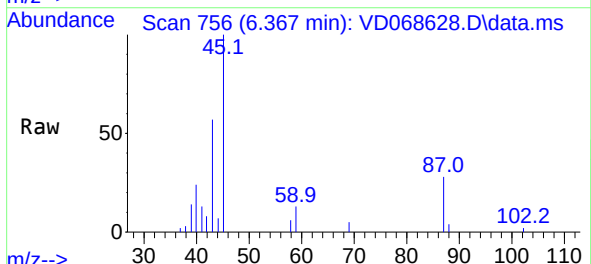


Tgt Ion: 96 Resp: 13599

Ion	Ratio	Lower	Upper
96	100		
61	122.6	96.7	145.1
98	67.5	47.6	71.4

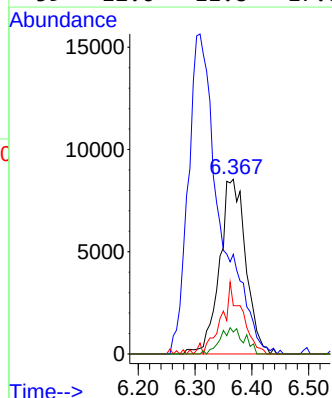
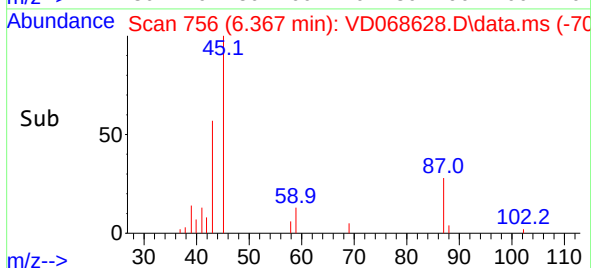


#22
Diisopropyl ether
Concen: 4.04 ug/l
RT: 6.367 min Scan# 756
Delta R.T. 0.000 min
Lab File: VD068628.D
Acq: 16 Mar 2021 13:33



Tgt Ion: 45 Resp: 27439

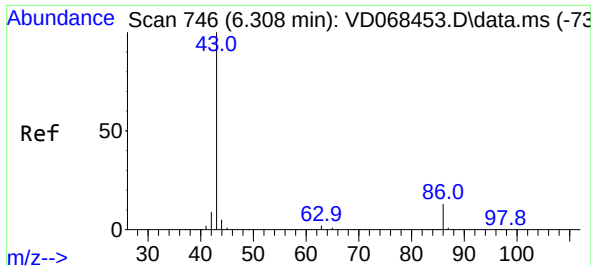
Ion	Ratio	Lower	Upper
45	100		
43	55.0	43.9	65.9
87	27.6	29.9	44.9#
59	12.6	11.8	17.8



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

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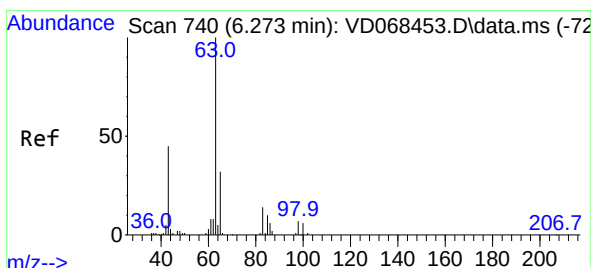
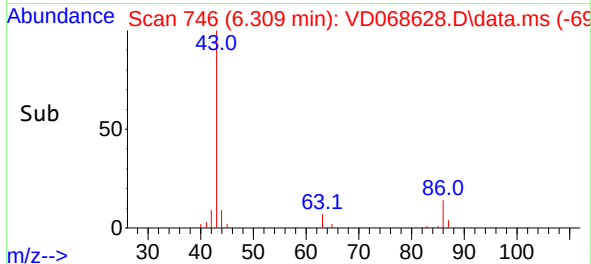
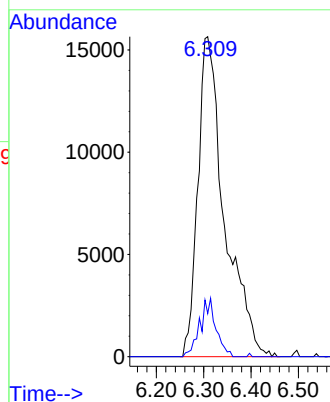
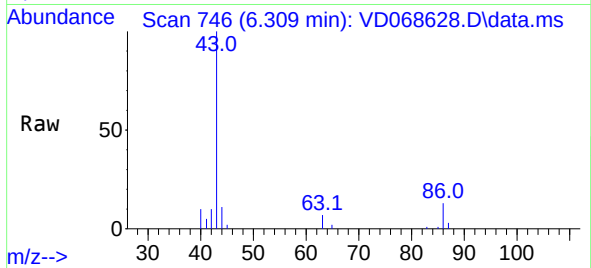
#23
 Vinyl Acetate
 Concen: 17.31 ug/l
 RT: 6.309 min Scan# 746
 Delta R.T. 0.000 min
 Lab File: VD068628.D
 Acq: 16 Mar 2021 13:33

Tgt Ion: 43 Resp: 61039
 Ion Ratio Lower Upper
 43 100
 86 13.5 10.8 16.2

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

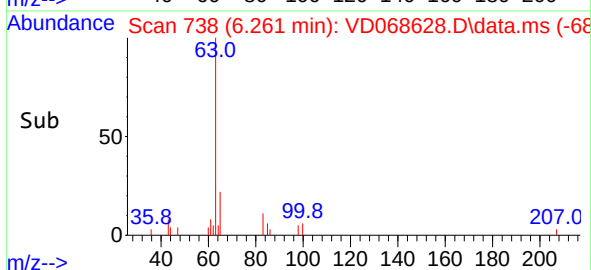
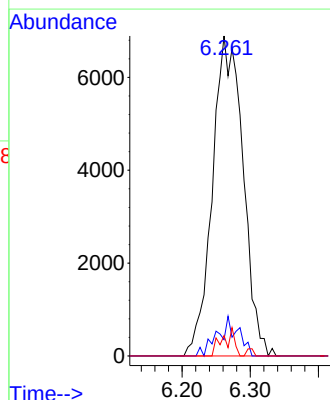
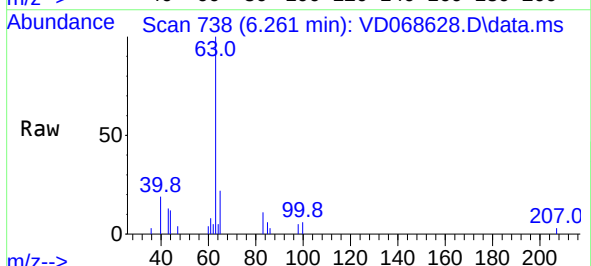
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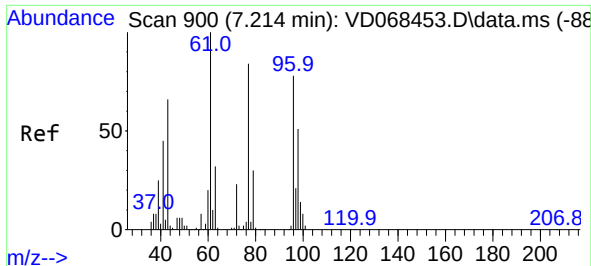
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#24
 1,1-Dichloroethane
 Concen: 4.63 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. -0.011 min
 Lab File: VD068628.D
 Acq: 16 Mar 2021 13:33

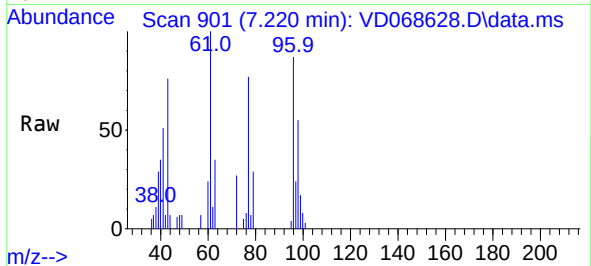
Tgt Ion: 63 Resp: 21571
 Ion Ratio Lower Upper
 63 100
 98 5.1 3.8 11.4
 100 6.3 2.6 8.0





#25
2-Butanone
Concen: 21.78 ug/l
RT: 7.220 min Scan# 901
Delta R.T. 0.006 min
Lab File: VD068628.D
Acq: 16 Mar 2021 13:33

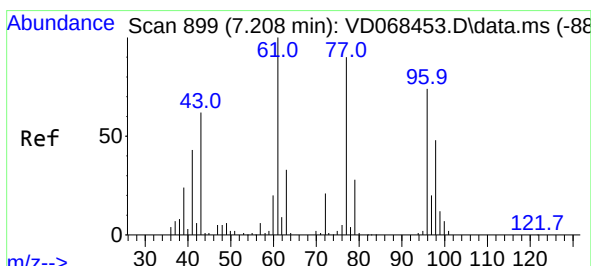
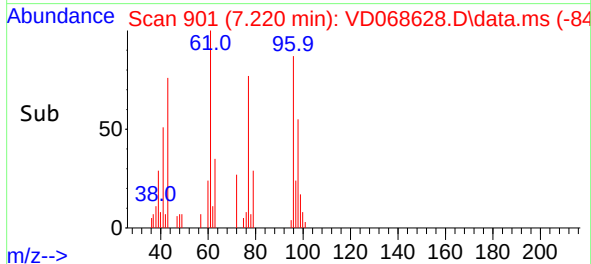
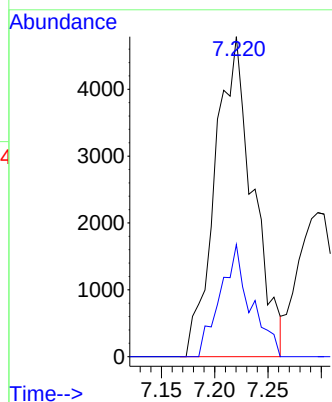
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



Tgt Ion: 43 Resp: 11825
Ion Ratio Lower Upper
43 100
72 35.0 25.1 37.7

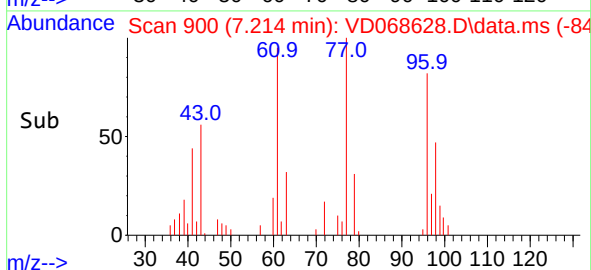
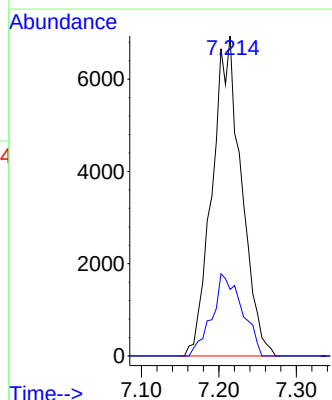
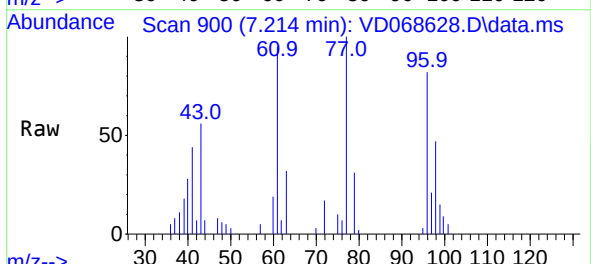
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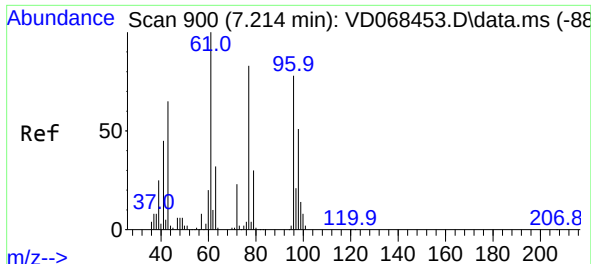
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#26
2,2-Dichloropropane
Concen: 4.68 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.006 min
Lab File: VD068628.D
Acq: 16 Mar 2021 13:33

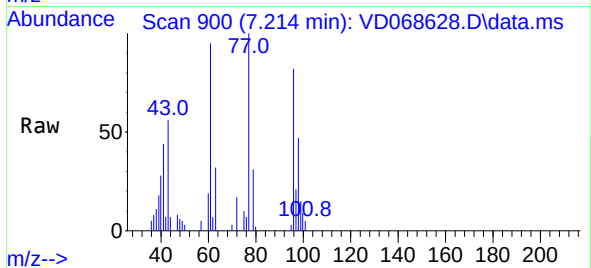
Tgt Ion: 77 Resp: 18180
Ion Ratio Lower Upper
77 100
97 26.4 11.7 35.1





#27
cis-1,2-Dichloroethene
Concen: 4.51 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD068628.D
Acq: 16 Mar 2021 13:33

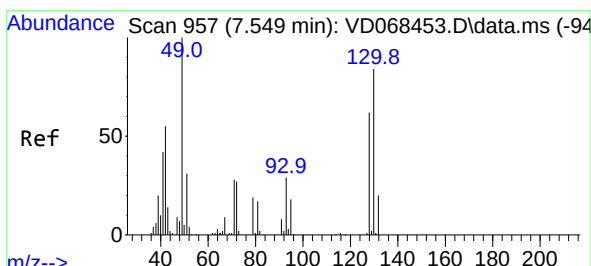
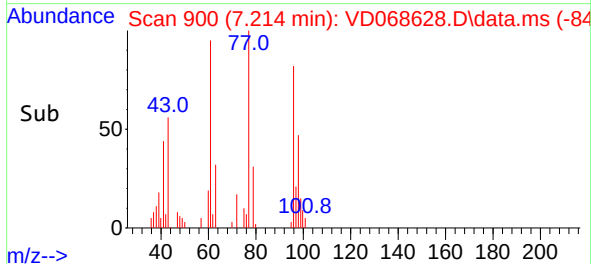
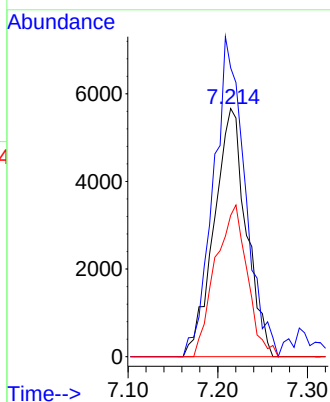
Instrument :
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Tgt Ion: 96 Resp: 14140
Ion Ratio Lower Upper
96 100
61 126.4 0.0 257.4
98 60.4 0.0 126.6

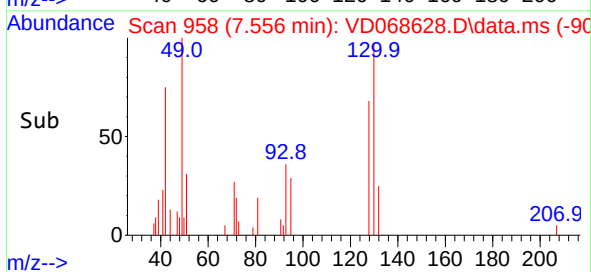
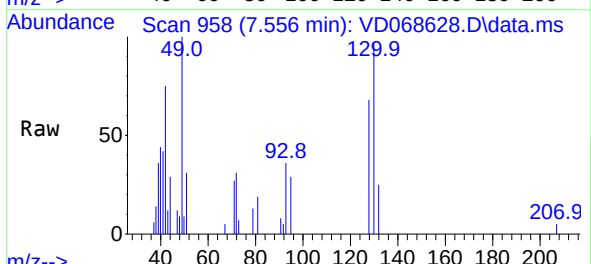
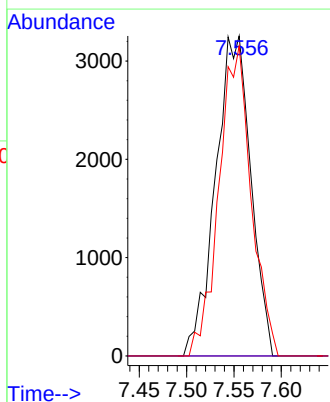
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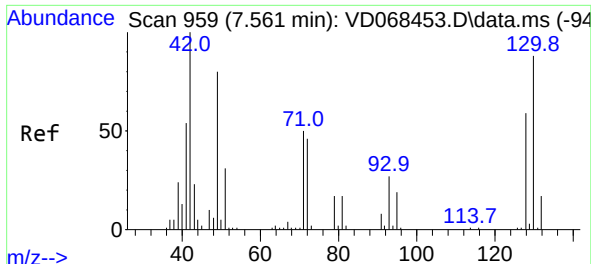
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#28
Bromochloromethane
Concen: 4.65 ug/l
RT: 7.556 min Scan# 958
Delta R.T. 0.006 min
Lab File: VD068628.D
Acq: 16 Mar 2021 13:33

Tgt Ion: 49 Resp: 8448
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.8
130 88.4 85.5 128.3





#29

Tetrahydrofuran

Concen: 19.42 ug/l

RT: 7.567 min Scan# 960

Delta R.T. 0.006 min

Lab File: VD068628.D

Acq: 16 Mar 2021 13:33

Tgt Ion: 42 Resp: 6848

Ion Ratio Lower Upper

42 100

72 53.6 43.4 65.0

71 49.3 40.8 61.2

Instrument :

MSVOA_D

ClientSampleId :

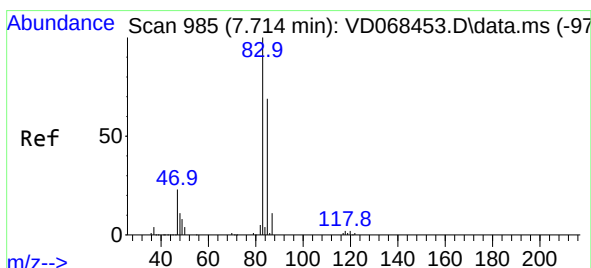
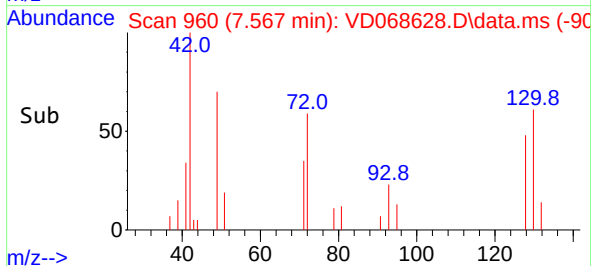
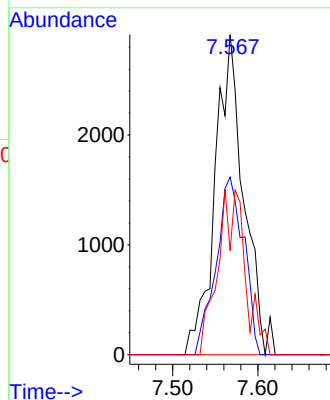
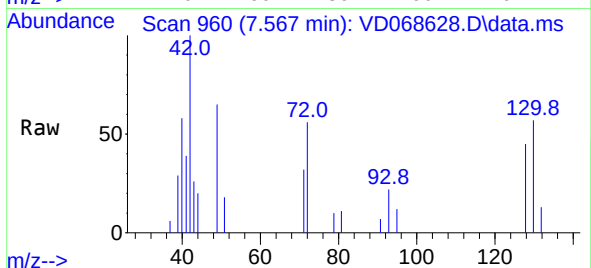
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#30

Chloroform

Concen: 4.54 ug/l

RT: 7.714 min Scan# 985

Delta R.T. 0.000 min

Lab File: VD068628.D

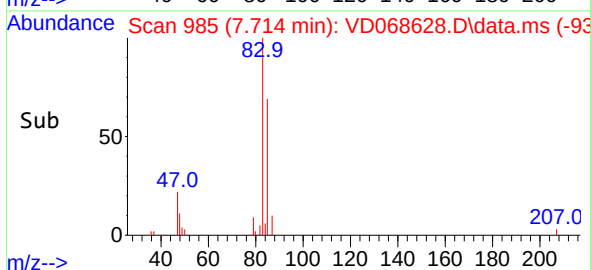
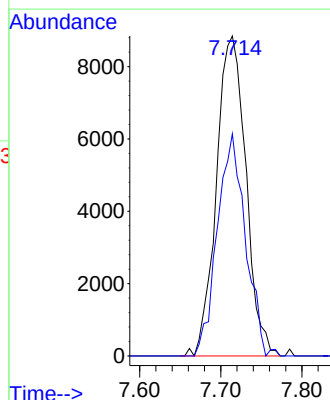
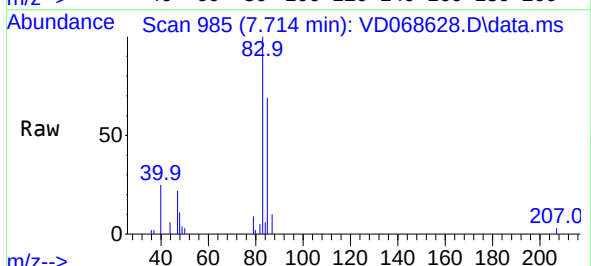
Acq: 16 Mar 2021 13:33

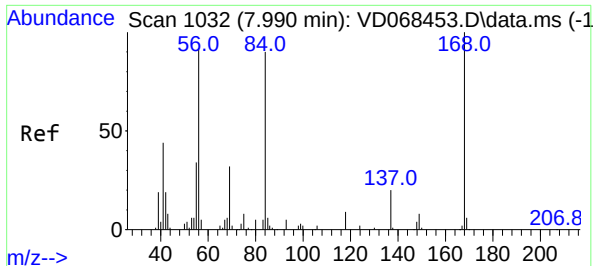
Tgt Ion: 83 Resp: 22350

Ion Ratio Lower Upper

83 100

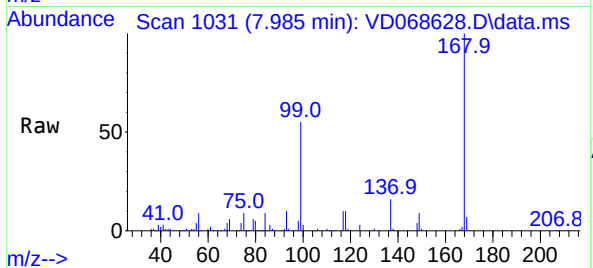
85 69.4 53.4 80.0





#31
Cyclohexane
Concen: 5.27 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD068628.D
Acq: 16 Mar 2021 13:33

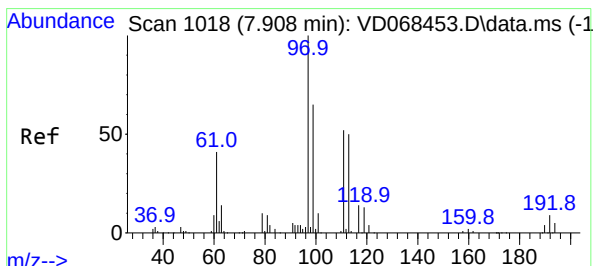
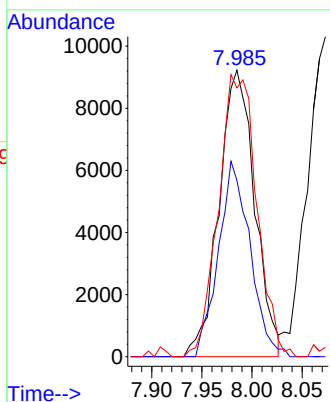
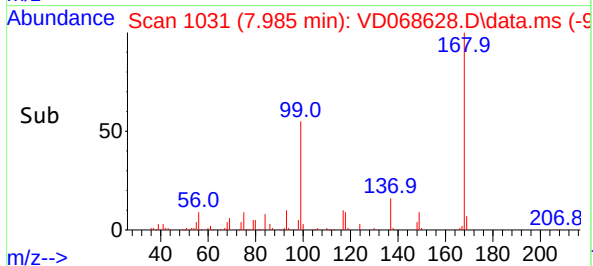
Instrument :
MSVOA_D
ClientSampleId :
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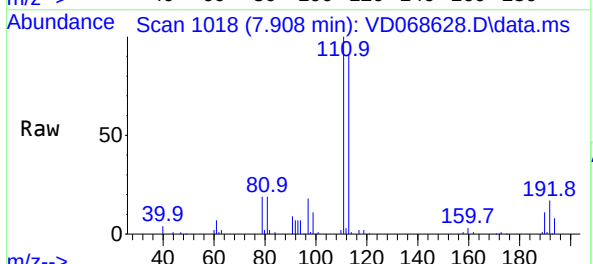
Tgt Ion: 56 Resp: 22800
Ion Ratio Lower Upper
56 100
69 61.5 30.1 45.1#
84 93.9 82.1 123.1

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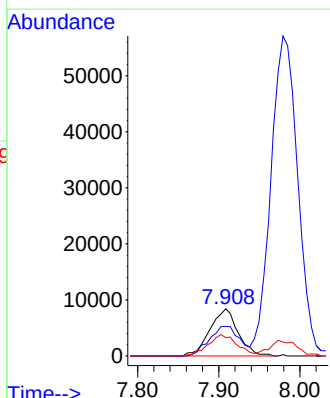
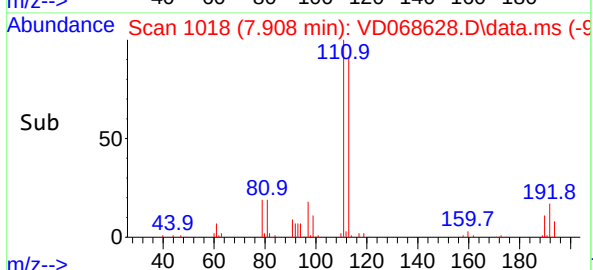
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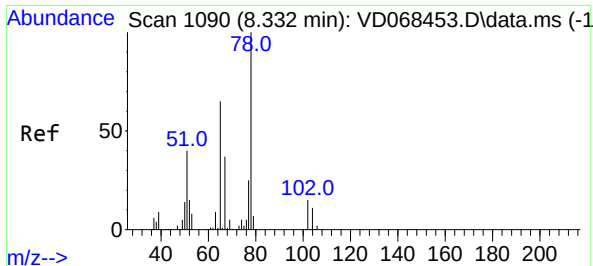


#32
1,1,1-Trichloroethane
Concen: 4.81 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD068628.D
Acq: 16 Mar 2021 13:33



Tgt Ion: 97 Resp: 20206
Ion Ratio Lower Upper
97 100
99 67.6 52.1 78.1
61 46.7 30.1 45.1#





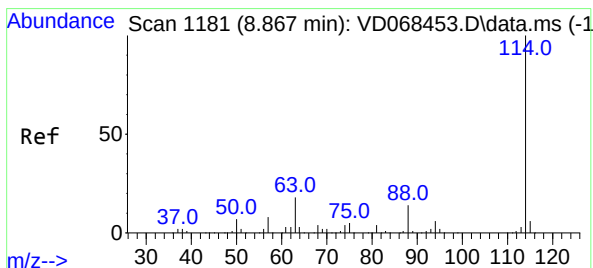
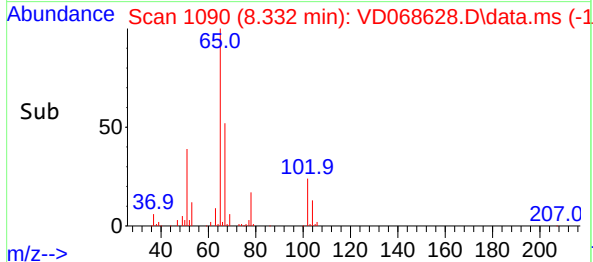
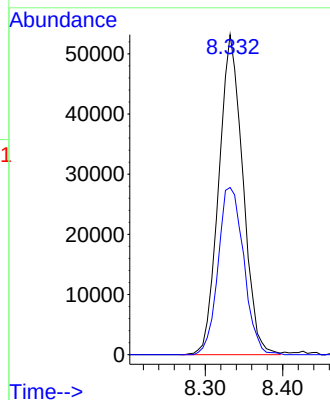
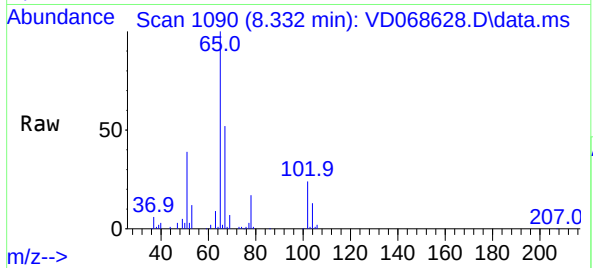
#33
1,2-Dichloroethane-d4
Concen: 48.28 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068628.D
Acq: 16 Mar 2021 13:33

Tgt Ion: 65 Resp: 114813
Ion Ratio Lower Upper
65 100
67 55.7 0.0 105.0

Instrument :
MSVOA_D
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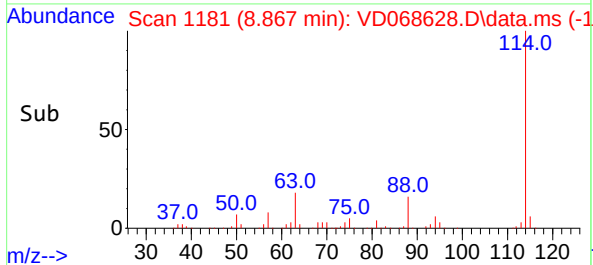
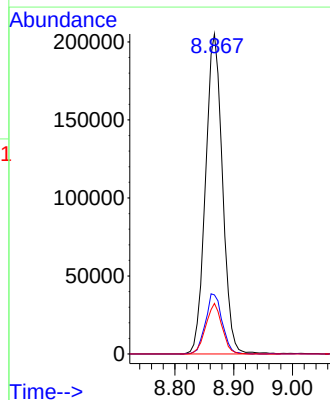
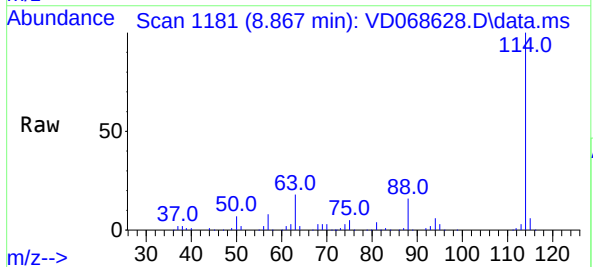
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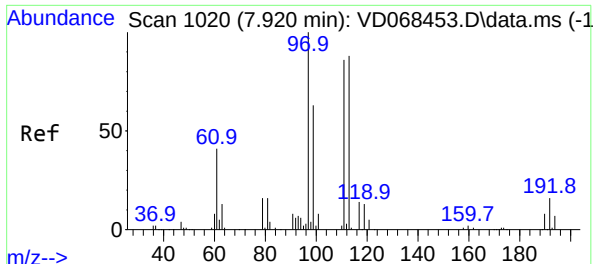
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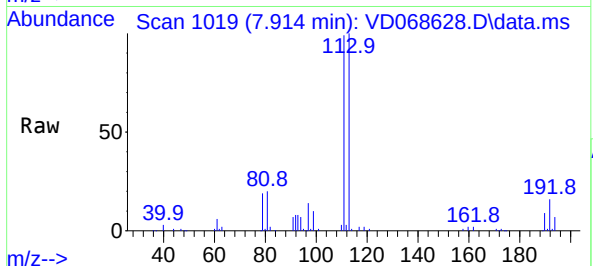
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068628.D
Acq: 16 Mar 2021 13:33

Tgt Ion: 114 Resp: 410741
Ion Ratio Lower Upper
114 100
63 18.4 0.0 34.8
88 15.8 0.0 31.6

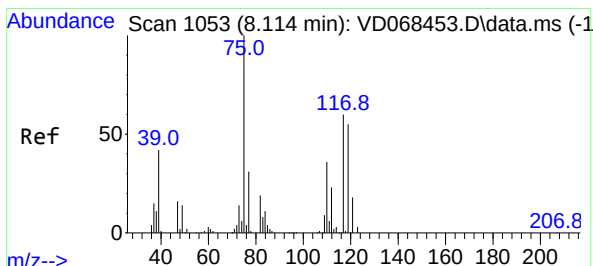
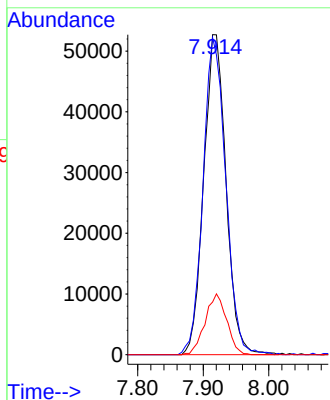
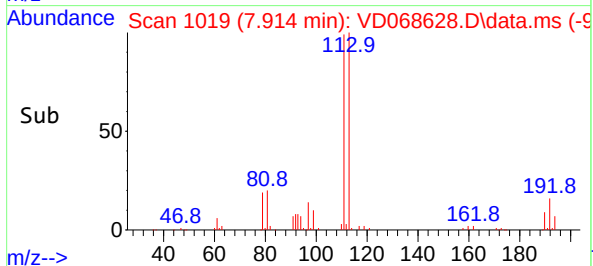




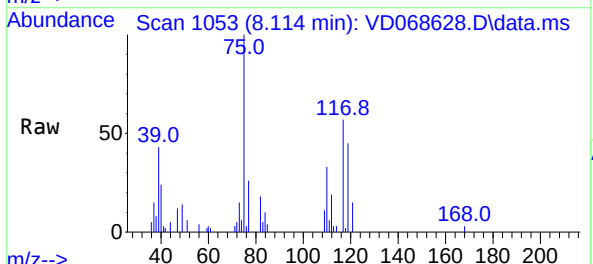
#35
Dibromofluoromethane
Concen: 50.36 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068628.D
Acq: 16 Mar 2021 13:33



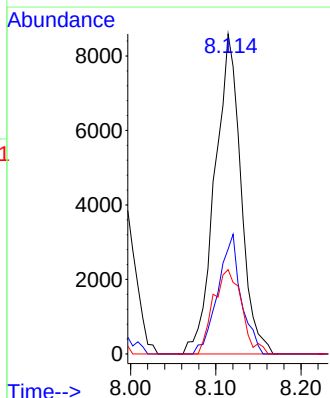
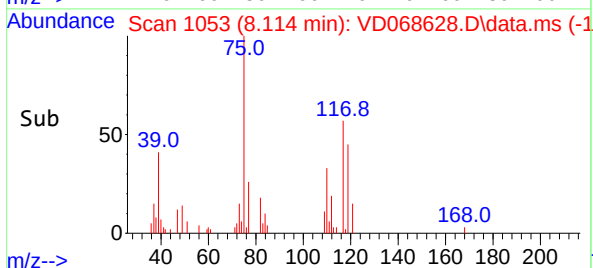
Tgt Ion: 113 Resp: 124610
Ion Ratio Lower Upper
113 100
111 100.9 81.4 122.0
192 18.4 16.1 24.1



#36
1,1-Dichloropropene
Concen: 4.66 ug/l
RT: 8.114 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VD068628.D
Acq: 16 Mar 2021 13:33



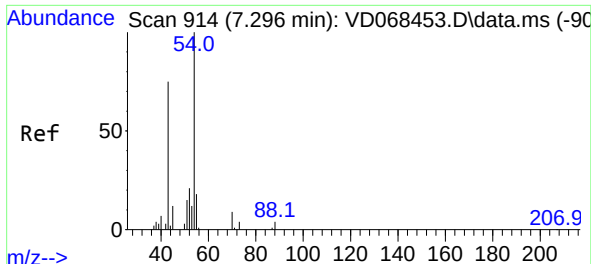
Tgt Ion: 75 Resp: 18205
Ion Ratio Lower Upper
75 100
110 33.4 19.4 58.2
77 28.6 25.3 37.9



Instrument :
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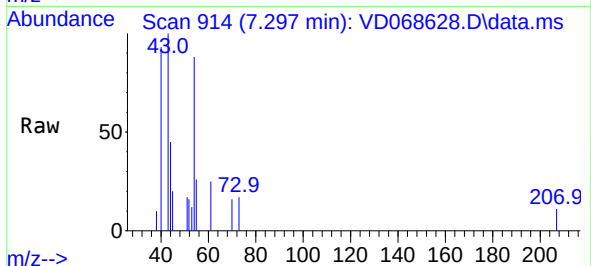
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#37
Ethyl Acetate
Concen: 4.23 ug/l
RT: 7.297 min Scan# 914
Delta R.T. 0.000 min
Lab File: VD068628.D
Acq: 16 Mar 2021 13:33

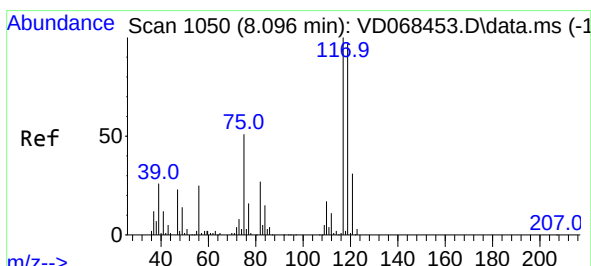
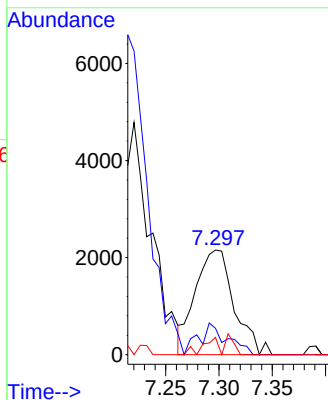
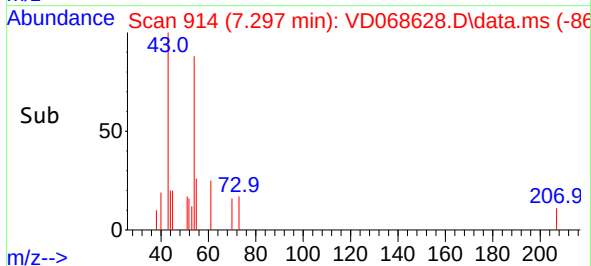
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



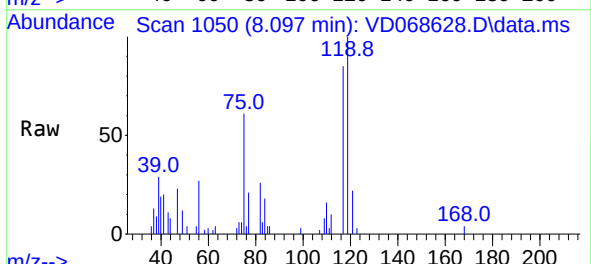
Tgt Ion: 43 Resp: 5478
Ion Ratio Lower Upper
43 100
61 22.0 12.9 19.3#
70 6.4 11.0 16.6#

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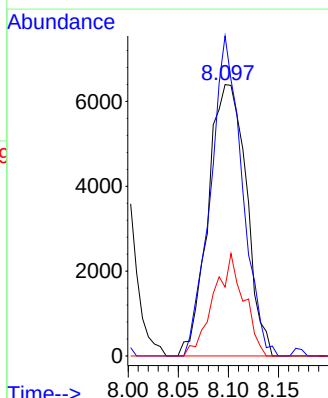
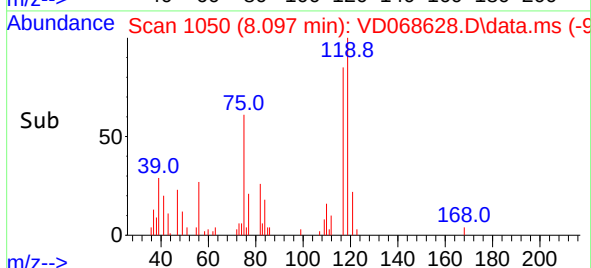
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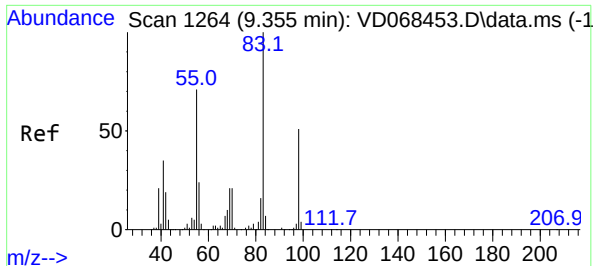


#38
Carbon Tetrachloride
Concen: 4.61 ug/l
RT: 8.097 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VD068628.D
Acq: 16 Mar 2021 13:33

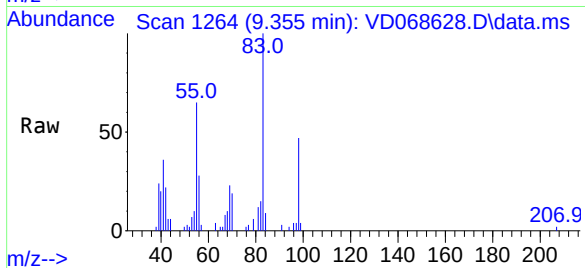


Tgt Ion: 117 Resp: 16910
Ion Ratio Lower Upper
117 100
119 117.9 77.3 115.9#
121 25.4 24.7 37.1



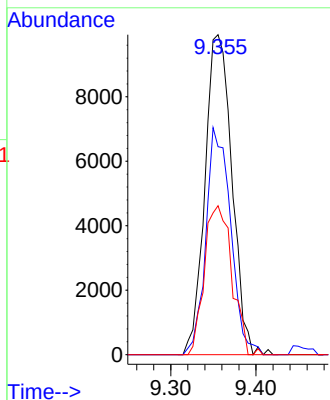


#39
Methylcyclohexane
Concen: 4.54 ug/l
RT: 9.355 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VD068628.D
Acq: 16 Mar 2021 13:33



Tgt Ion: 83 Resp: 21862

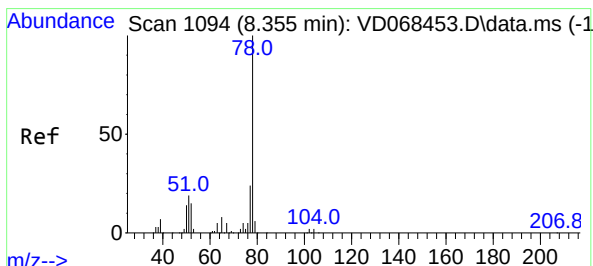
Ion	Ratio	Lower	Upper
83	100		
55	65.0	55.2	82.8
98	46.5	39.1	58.7



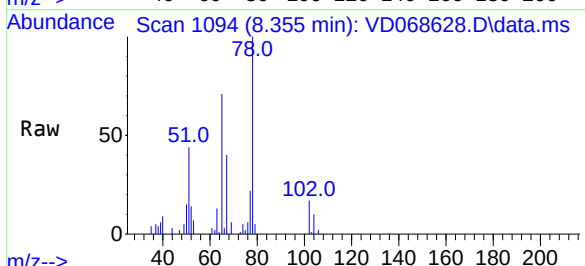
Instrument :
MSVOA_D
ClientSampleId :
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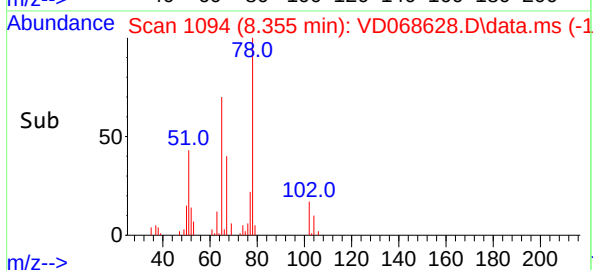
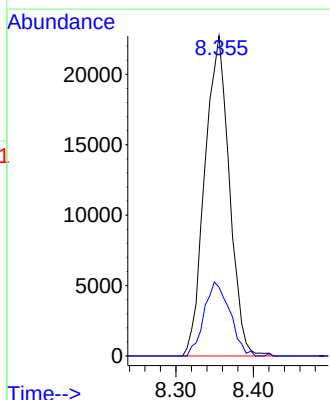


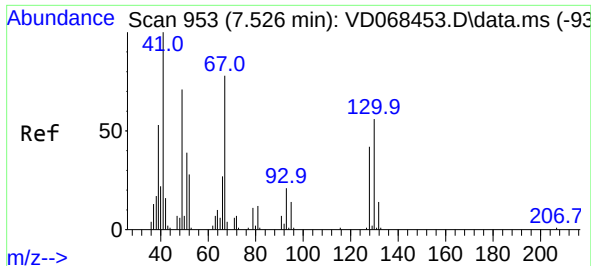
#40
Benzene
Concen: 4.46 ug/l
RT: 8.355 min Scan# 1094
Delta R.T. 0.000 min
Lab File: VD068628.D
Acq: 16 Mar 2021 13:33



Tgt Ion: 78 Resp: 49954

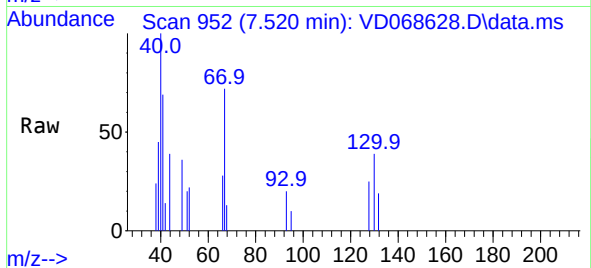
Ion	Ratio	Lower	Upper
78	100		
77	21.5	17.8	26.6





#41
Methacrylonitrile
Concen: 3.41 ug/l
RT: 7.520 min Scan# 952
Delta R.T. -0.006 min
Lab File: VD068628.D
Acq: 16 Mar 2021 13:33

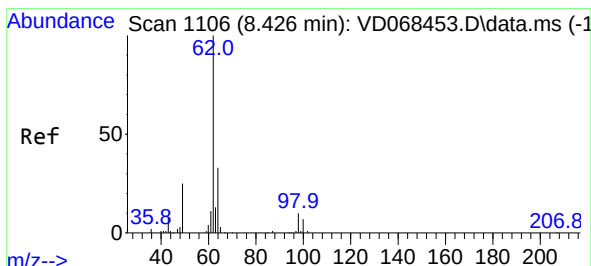
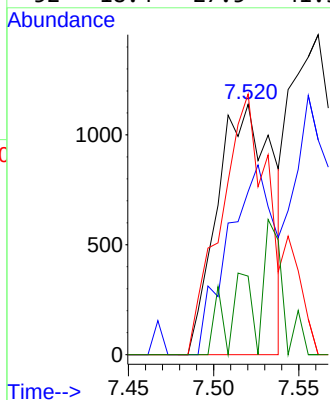
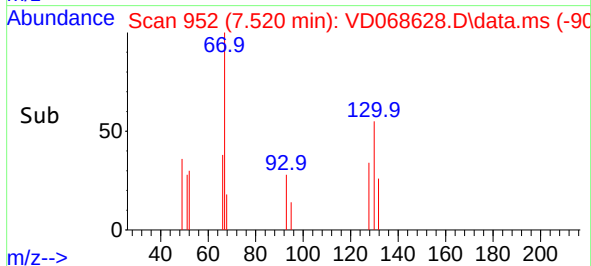
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



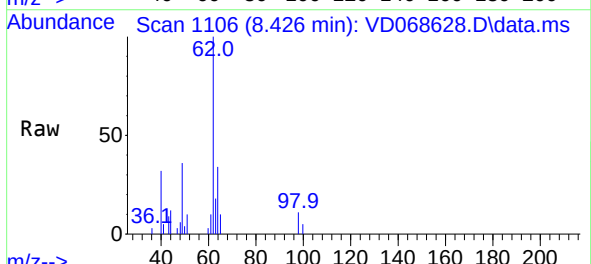
Tgt Ion: 41 Resp: 2566
Ion Ratio Lower Upper
41 100
39 63.2 45.2 67.8
67 101.8 67.4 101.2#
52 18.4 27.5 41.3#

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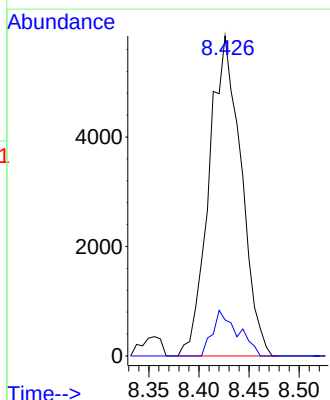
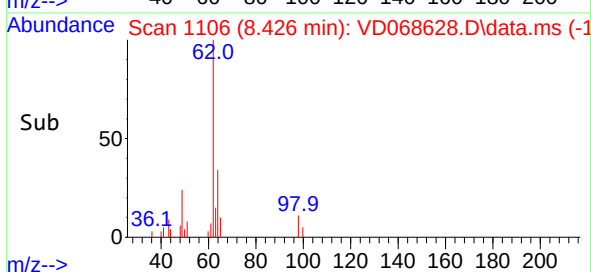
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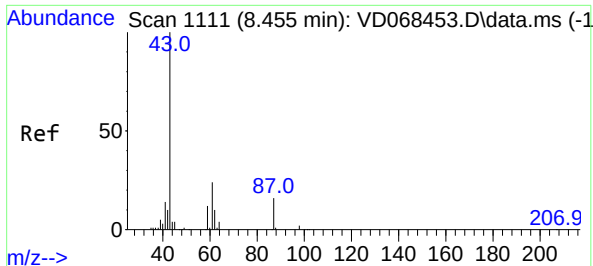


#42
1,2-Dichloroethane
Concen: 4.43 ug/l
RT: 8.426 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VD068628.D
Acq: 16 Mar 2021 13:33



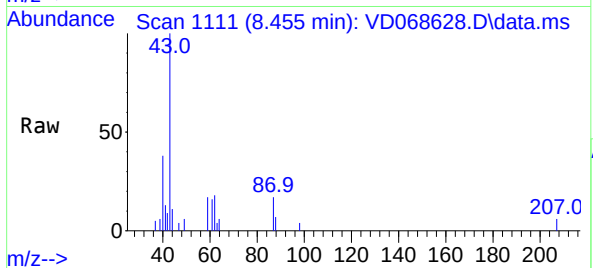
Tgt Ion: 62 Resp: 13043
Ion Ratio Lower Upper
62 100
98 11.2 0.0 21.8





#43
Isopropyl Acetate
Concen: 4.10 ug/l
RT: 8.455 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VD068628.D
Acq: 16 Mar 2021 13:33

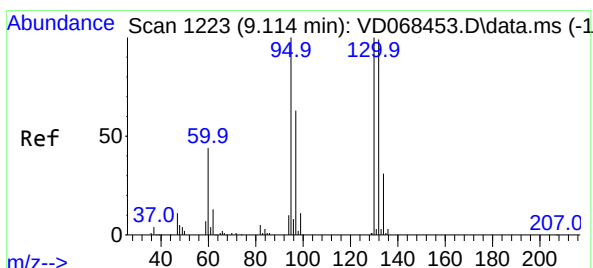
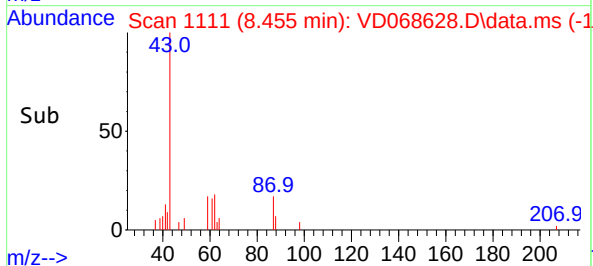
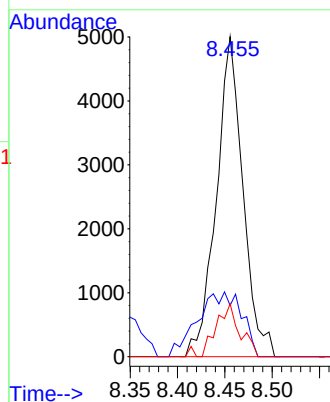
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.2	28.7	43.1#
87	14.6	13.9	20.9

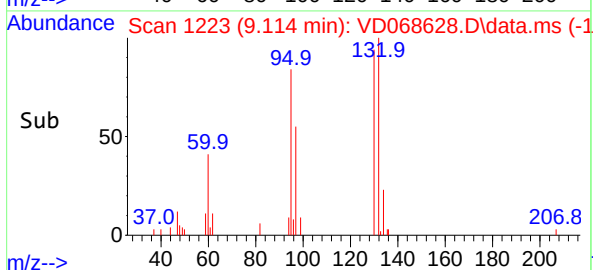
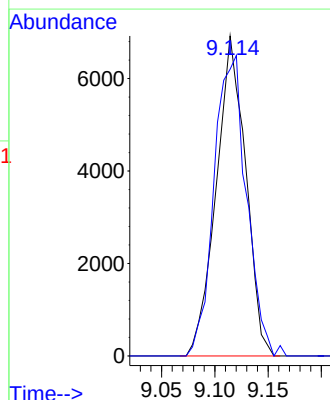
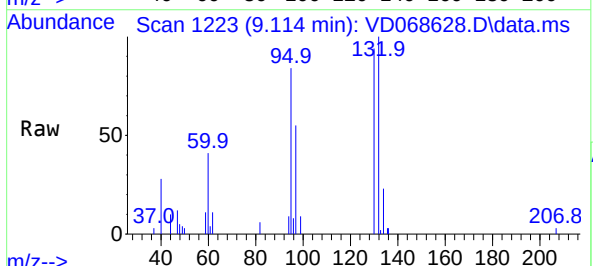
Manual Integrations
APPROVED

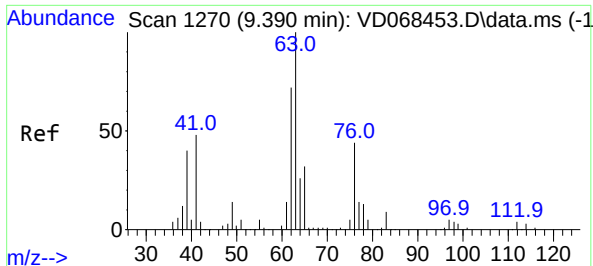
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#44
Trichloroethene
Concen: 4.32 ug/l
RT: 9.114 min Scan# 1223
Delta R.T. 0.000 min
Lab File: VD068628.D
Acq: 16 Mar 2021 13:33

Tgt Ion	Ratio	Lower	Upper
130	100		
95	89.6	0.0	191.2





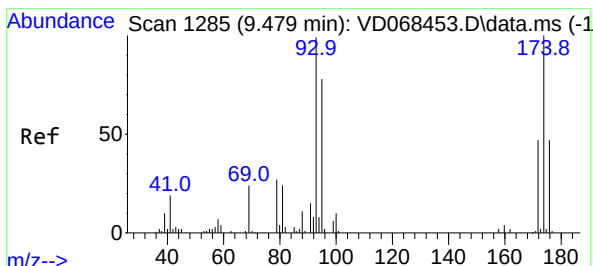
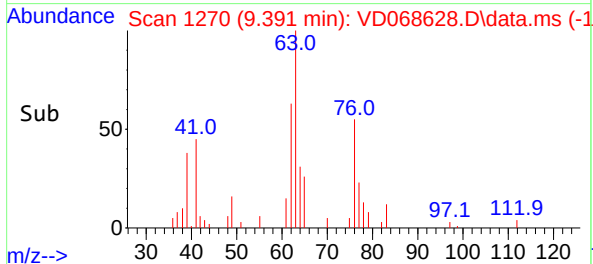
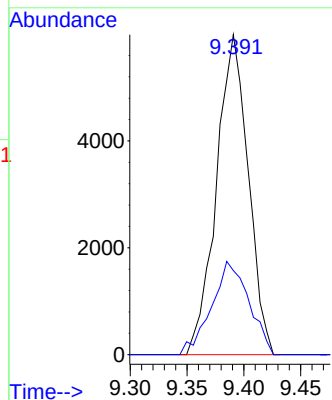
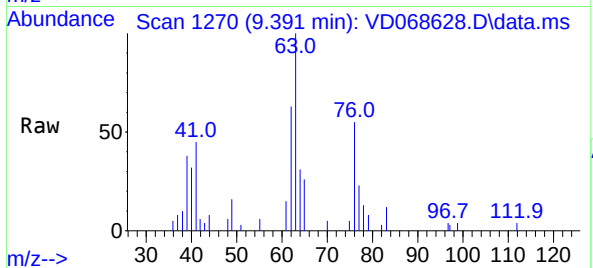
#45
1,2-Dichloropropane
Concen: 4.36 ug/l
RT: 9.391 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VD068628.D
Acq: 16 Mar 2021 13:33

Tgt Ion: 63 Resp: 11664
Ion Ratio Lower Upper
63 100
65 26.3 26.6 40.0#

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

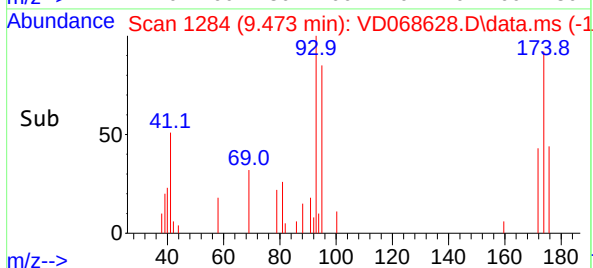
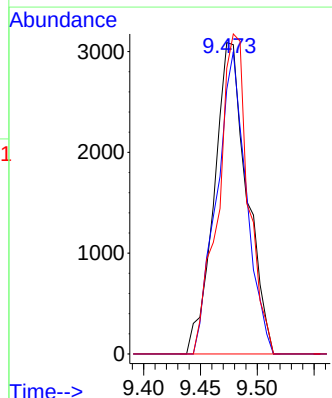
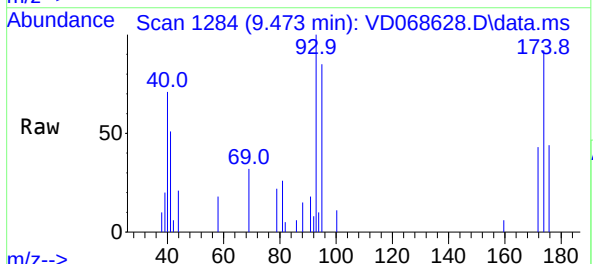
Manual Integrations
APPROVED

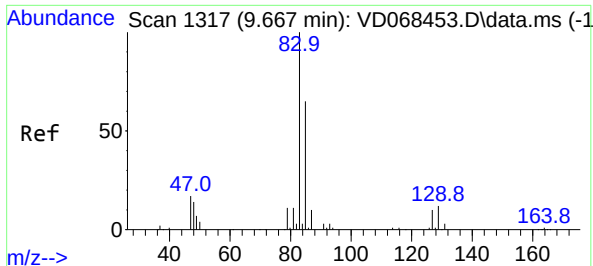
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#46
Dibromomethane
Concen: 4.26 ug/l
RT: 9.473 min Scan# 1284
Delta R.T. -0.006 min
Lab File: VD068628.D
Acq: 16 Mar 2021 13:33

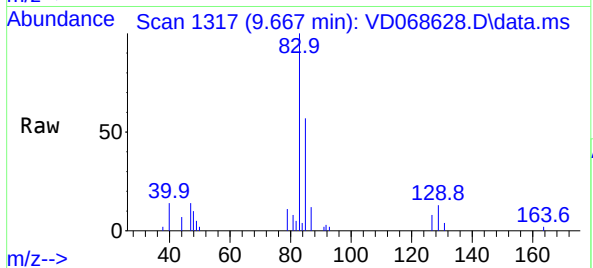
Tgt Ion: 93 Resp: 6198
Ion Ratio Lower Upper
93 100
95 87.8 67.3 100.9
174 94.3 84.6 127.0





#47
Bromodichloromethane
Concen: 4.47 ug/l
RT: 9.667 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VD068628.D
Acq: 16 Mar 2021 13:33

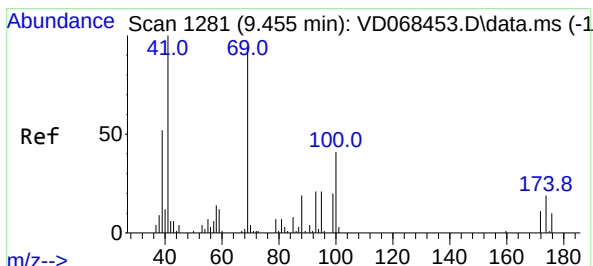
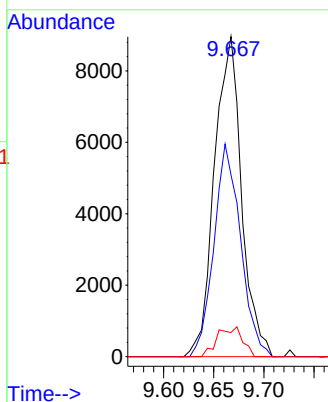
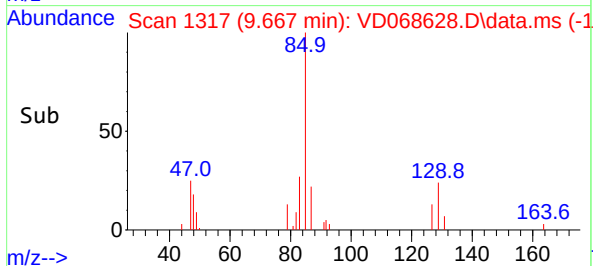
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



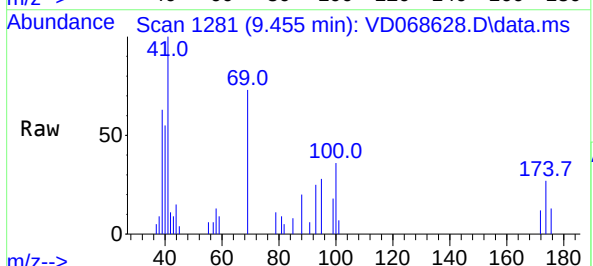
Tgt Ion: 83 Resp: 16839
Ion Ratio Lower Upper
83 100
85 56.8 51.6 77.4
127 7.5 7.4 11.0

Manual Integrations
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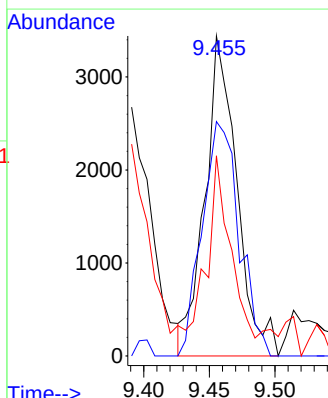
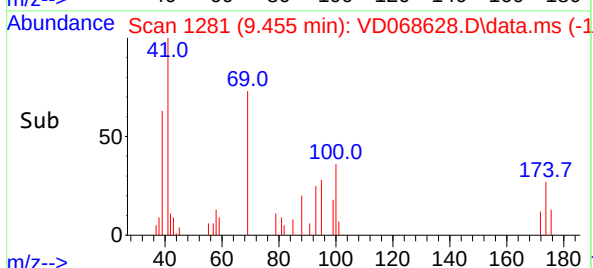
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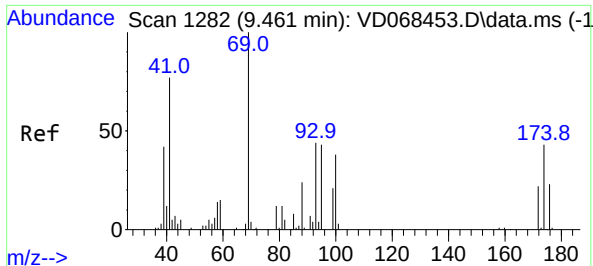


#48
Methyl methacrylate
Concen: 4.59 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. 0.000 min
Lab File: VD068628.D
Acq: 16 Mar 2021 13:33



Tgt Ion: 41 Resp: 5824
Ion Ratio Lower Upper
41 100
69 85.0 77.1 115.7
39 38.2 41.5 62.3#





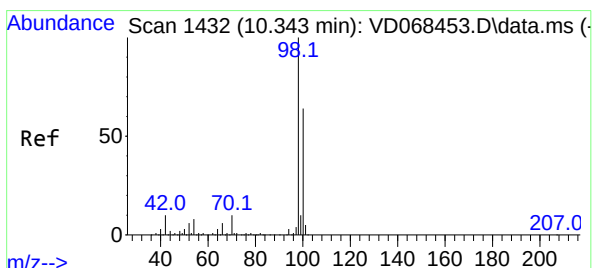
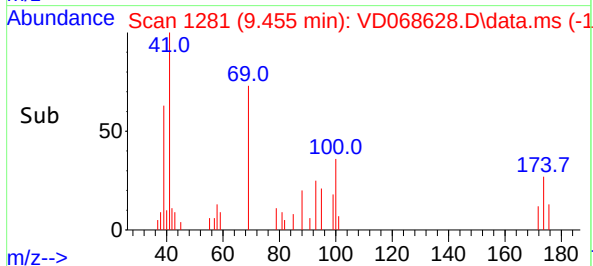
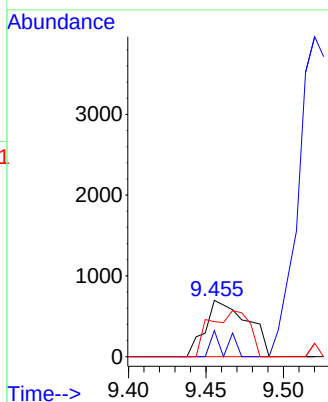
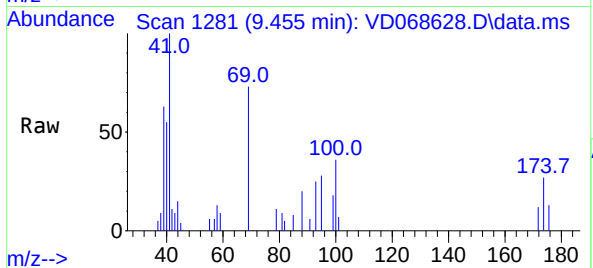
#49
1,4-Dioxane
Concen: 79.59 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. -0.006 min
Lab File: VD068628.D
Acq: 16 Mar 2021 13:33

Tgt Ion: 88 Resp: 1322
Ion Ratio Lower Upper
88 100
43 16.4 22.1 33.1#
58 75.6 46.7 70.1#

Instrument :
MSVOA_D
ClientSampleId :
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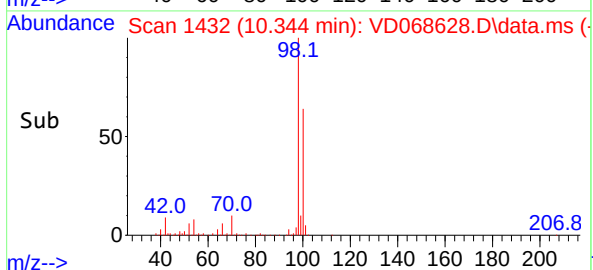
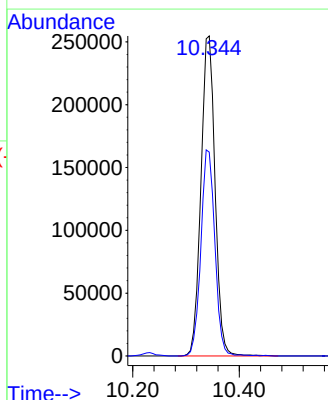
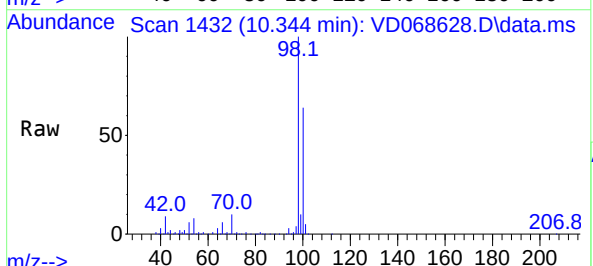
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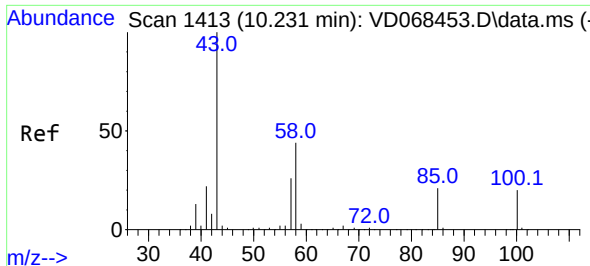
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#50
Toluene-d8
Concen: 47.50 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068628.D
Acq: 16 Mar 2021 13:33

Tgt Ion: 98 Resp: 468109
Ion Ratio Lower Upper
98 100
100 64.0 53.0 79.4





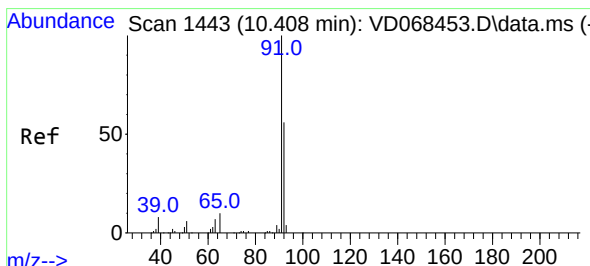
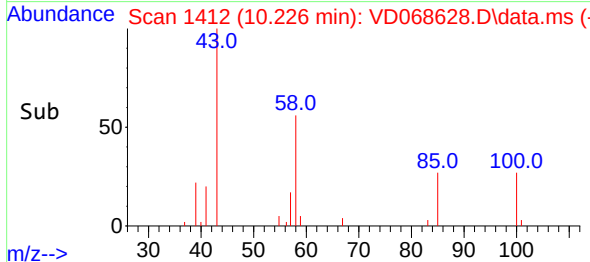
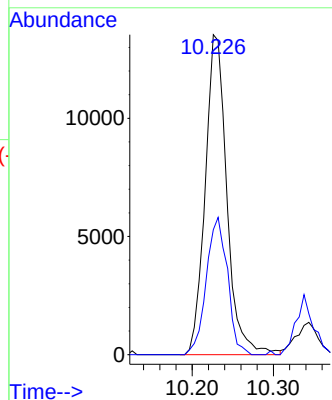
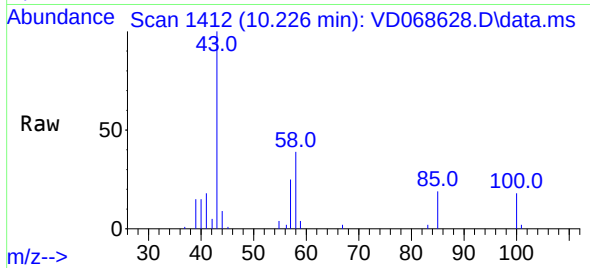
#51
4-Methyl-2-Pentanone
Concen: 20.15 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. -0.006 min
Lab File: VD068628.D
Acq: 16 Mar 2021 13:33

Tgt Ion: 43 Resp: 25108
Ion Ratio Lower Upper
43 100
58 41.8 36.1 54.1

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

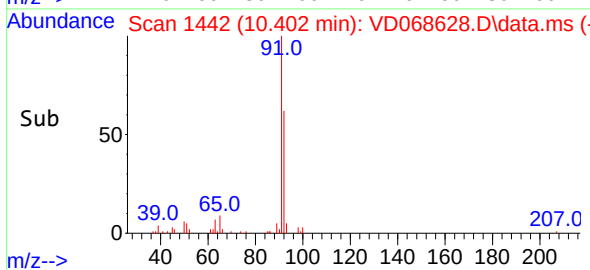
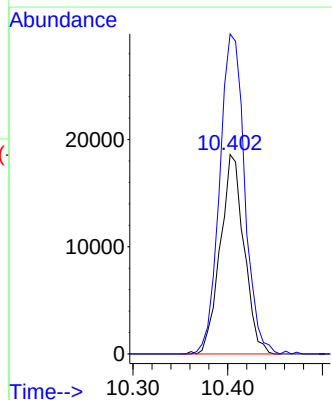
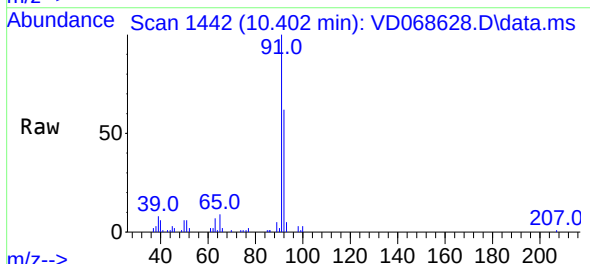
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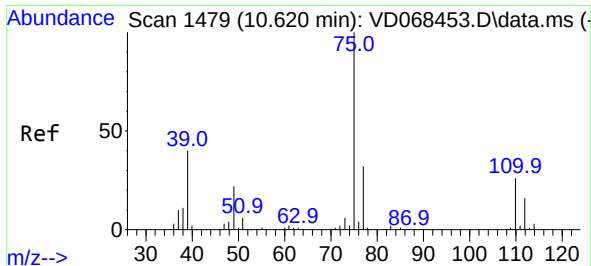
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#52
Toluene
Concen: 4.55 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. -0.006 min
Lab File: VD068628.D
Acq: 16 Mar 2021 13:33

Tgt Ion: 92 Resp: 32521
Ion Ratio Lower Upper
92 100
91 168.7 134.1 201.1





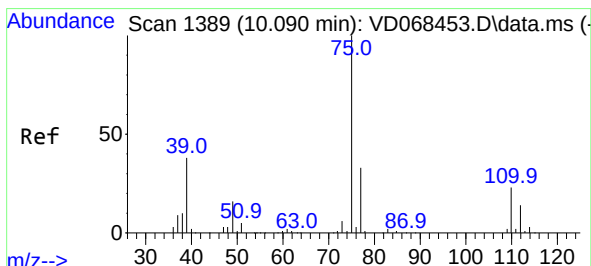
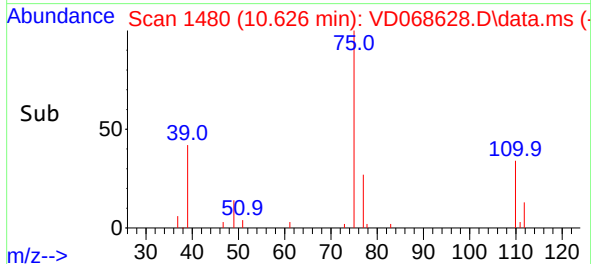
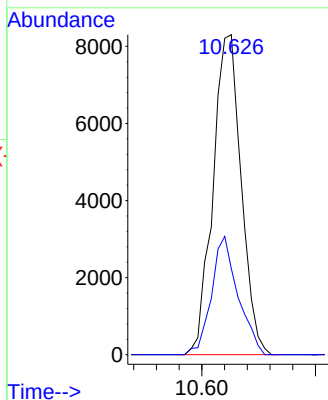
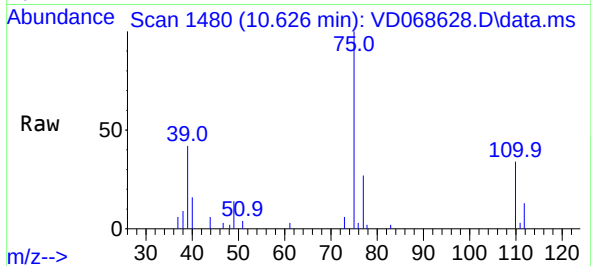
#53
 t-1,3-Dichloropropene
 Concen: 4.11 ug/l
 RT: 10.626 min Scan# 1480
 Delta R.T. 0.006 min
 Lab File: VD068628.D
 Acq: 16 Mar 2021 13:33

Tgt Ion: 75 Resp: 14314
 Ion Ratio Lower Upper
 75 100
 77 26.9 25.0 37.4

Instrument :
 MSVOA_D
 ClientSampleId :
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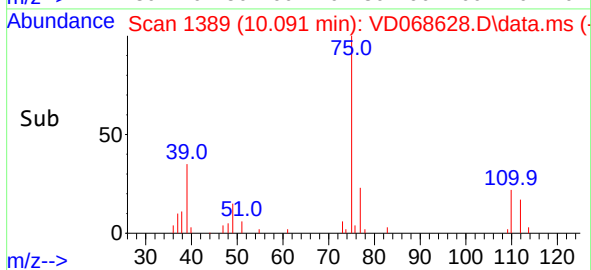
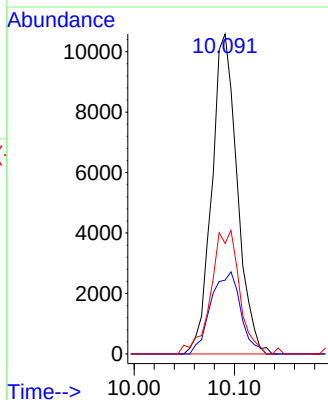
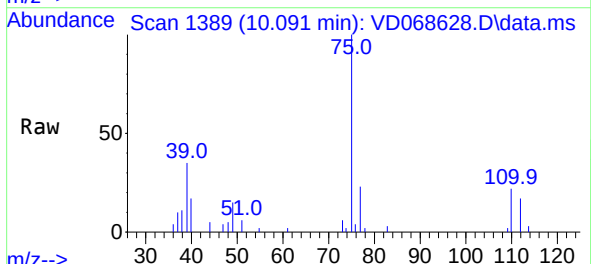
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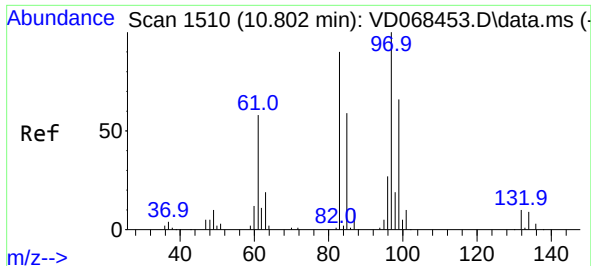
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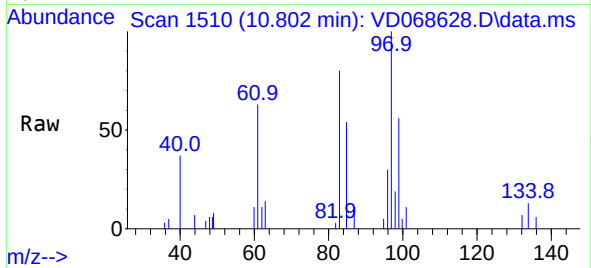
#54
 cis-1,3-Dichloropropene
 Concen: 4.38 ug/l
 RT: 10.091 min Scan# 1389
 Delta R.T. 0.000 min
 Lab File: VD068628.D
 Acq: 16 Mar 2021 13:33

Tgt Ion: 75 Resp: 18612
 Ion Ratio Lower Upper
 75 100
 77 23.0 24.6 37.0#
 39 34.5 31.4 47.0

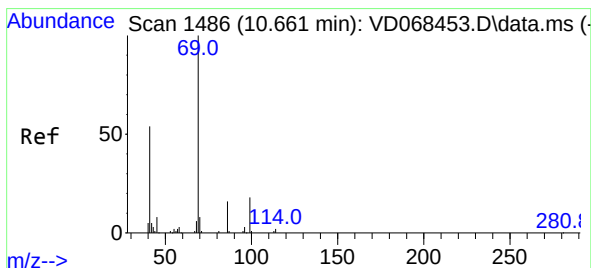
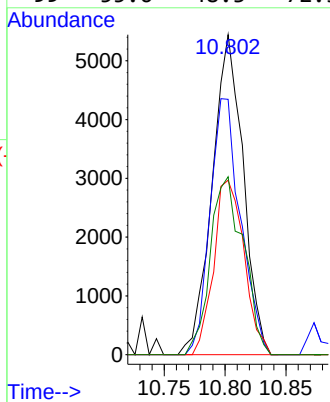
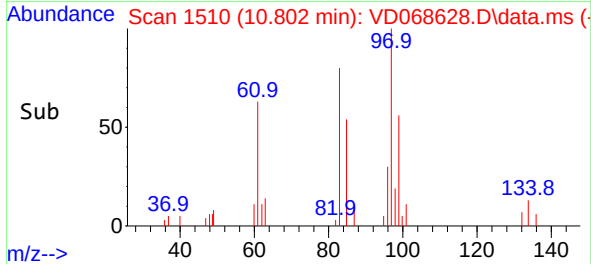




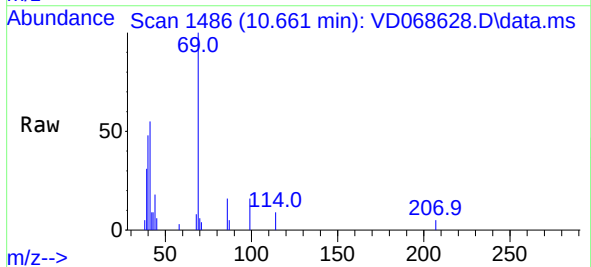
#55
1,1,2-Trichloroethane
Concen: 4.78 ug/l
RT: 10.802 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VD068628.D
Acq: 16 Mar 2021 13:33



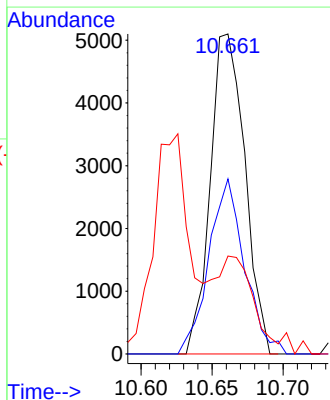
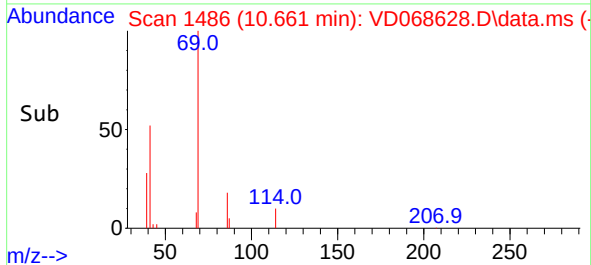
Tgt Ion	Ratio	Lower	Upper
97	100		
83	79.8	61.8	92.6
85	54.5	42.2	63.2
99	55.6	48.3	72.5



#56
Ethyl methacrylate
Concen: 3.73 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VD068628.D
Acq: 16 Mar 2021 13:33



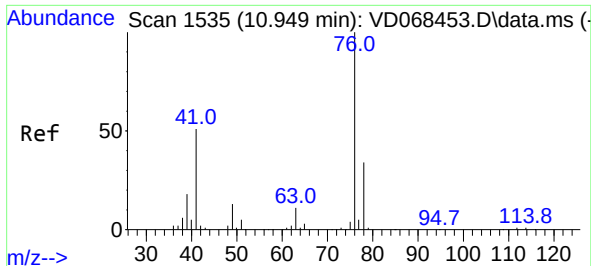
Tgt Ion	Ratio	Lower	Upper
69	100		
41	56.6	44.9	67.3
39	32.4	21.9	32.9



Instrument :
MSVOA_D
ClientSampleId :
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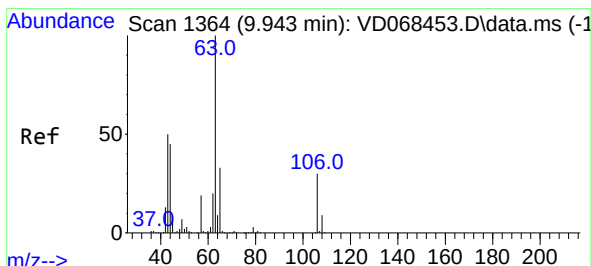
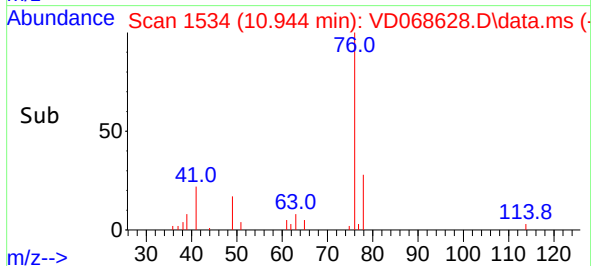
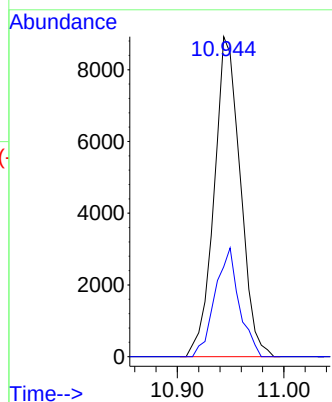
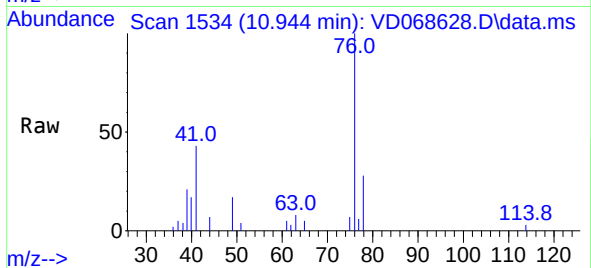
#57
1,3-Dichloropropane
Concen: 4.32 ug/l
RT: 10.944 min Scan# 1534
Delta R.T. -0.006 min
Lab File: VD068628.D
Acq: 16 Mar 2021 13:33

Tgt Ion: 76 Resp: 15182
Ion Ratio Lower Upper
76 100
78 31.4 25.6 38.4

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

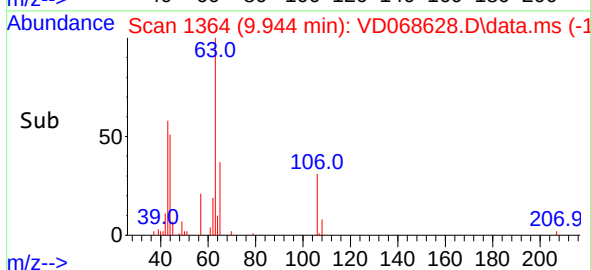
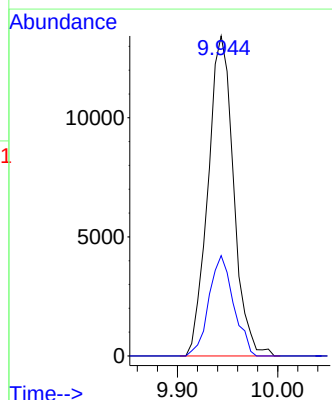
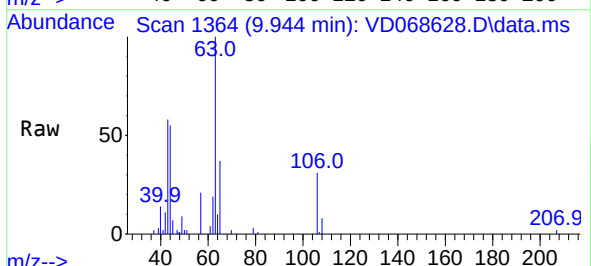
Manual Integrations
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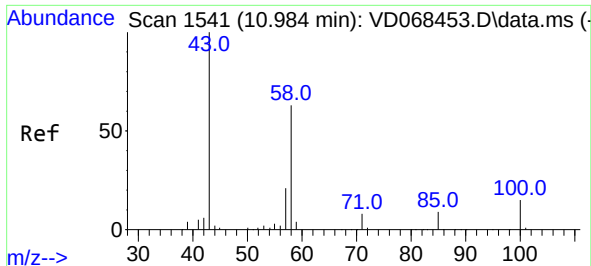
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#58
2-Chloroethyl Vinyl ether
Concen: 20.52 ug/l
RT: 9.944 min Scan# 1364
Delta R.T. 0.000 min
Lab File: VD068628.D
Acq: 16 Mar 2021 13:33

Tgt Ion: 63 Resp: 23851
Ion Ratio Lower Upper
63 100
106 30.2 27.0 40.4





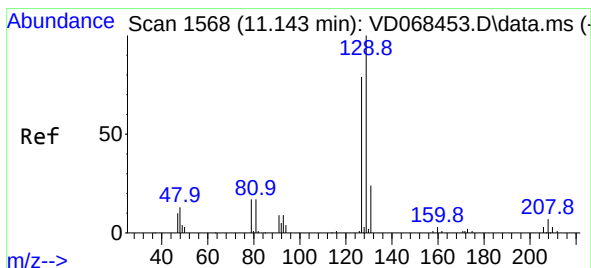
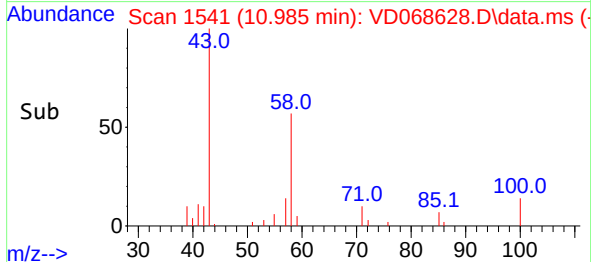
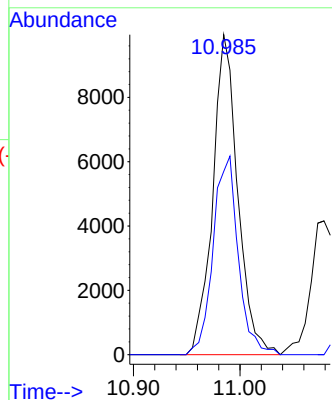
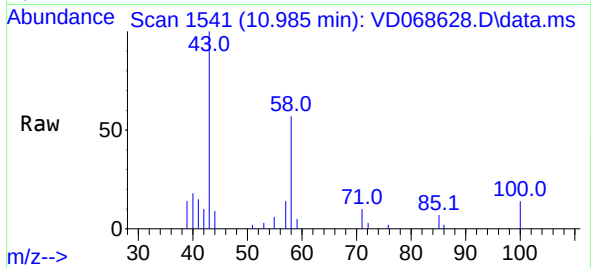
#59
2-Hexanone
Concen: 19.62 ug/l
RT: 10.985 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VD068628.D
Acq: 16 Mar 2021 13:33

Tgt Ion: 43 Resp: 16294
Ion Ratio Lower Upper
43 100
58 62.1 31.0 93.0

Instrument :
MSVOA_D
ClientSampleId :
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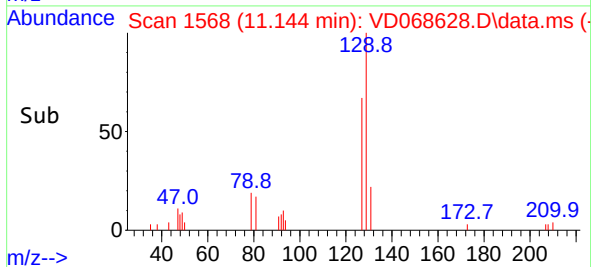
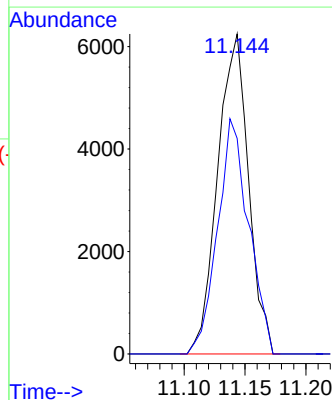
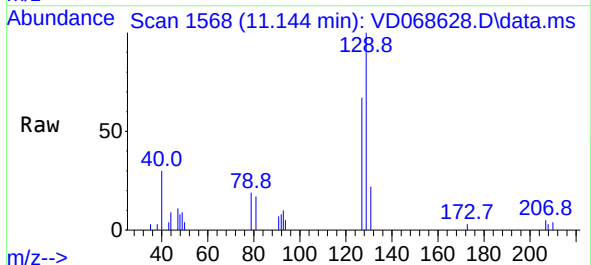
Manual Integrations
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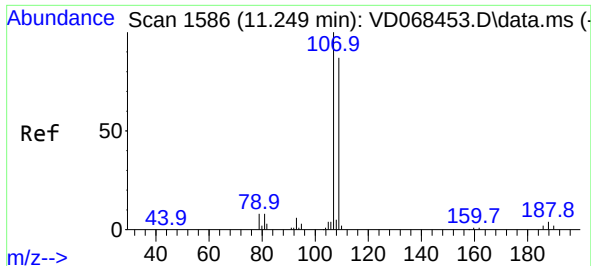
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#60
Dibromochloromethane
Concen: 4.41 ug/l
RT: 11.144 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD068628.D
Acq: 16 Mar 2021 13:33

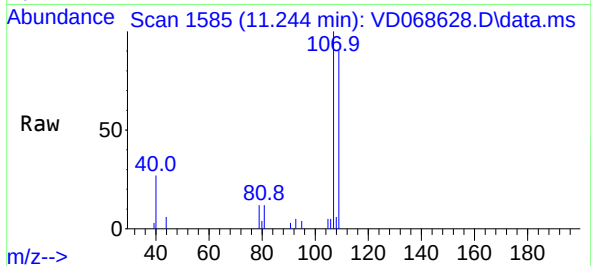
Tgt Ion: 129 Resp: 10994
Ion Ratio Lower Upper
129 100
127 74.4 38.6 116.0





#61
1,2-Dibromoethane
Concen: 4.39 ug/l
RT: 11.244 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VD068628.D
Acq: 16 Mar 2021 13:33

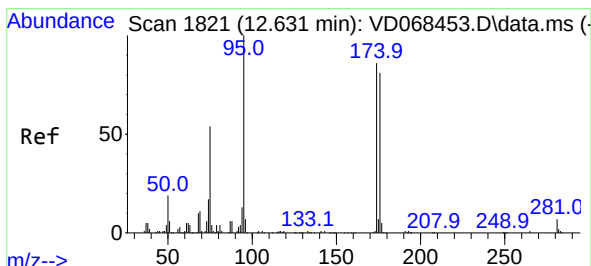
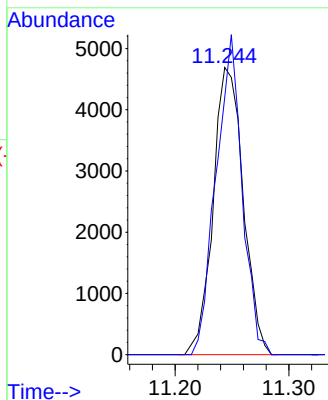
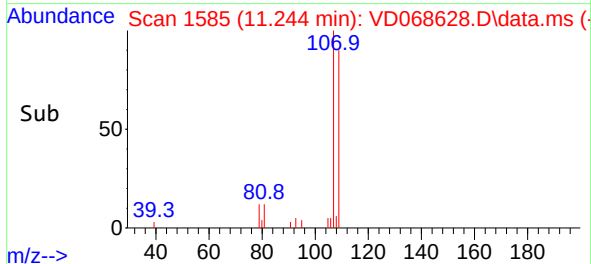
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



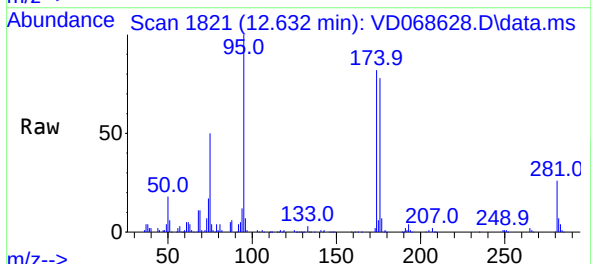
Tgt Ion:107 Resp: 8665
Ion Ratio Lower Upper
107 100
109 96.2 74.8 112.2

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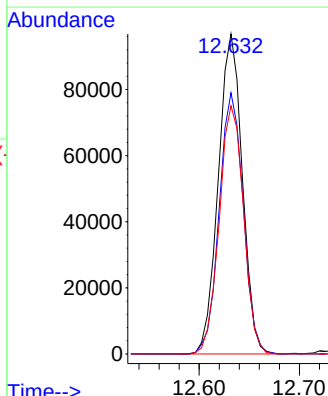
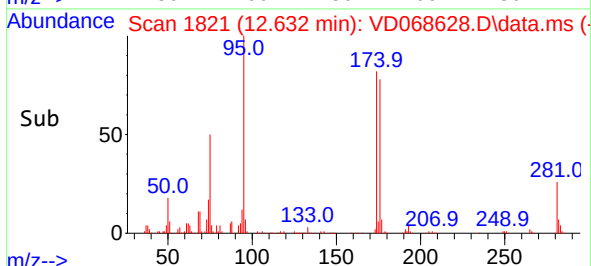
MMDadoda
3/17/2021 11:47:39 AM

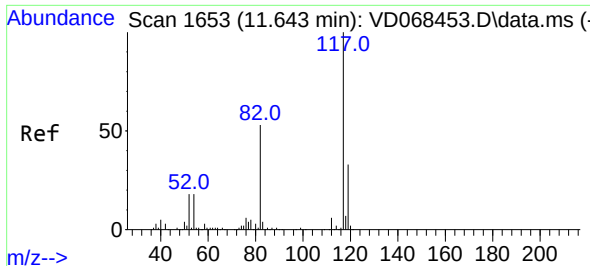


#62
4-Bromofluorobenzene
Concen: 50.62 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068628.D
Acq: 16 Mar 2021 13:33



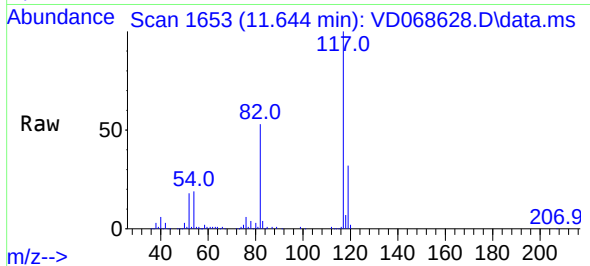
Tgt Ion: 95 Resp: 160795
Ion Ratio Lower Upper
95 100
174 81.5 0.0 172.4
176 78.6 0.0 168.4





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068628.D
Acq: 16 Mar 2021 13:33

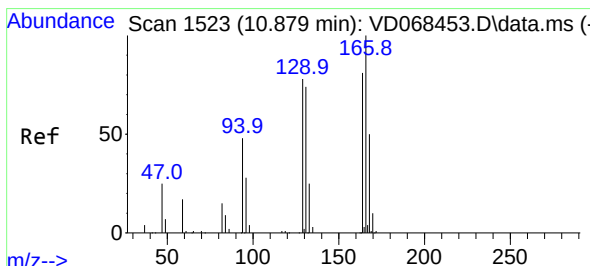
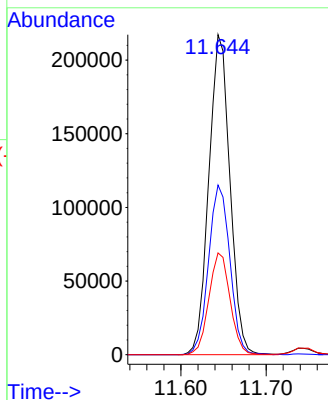
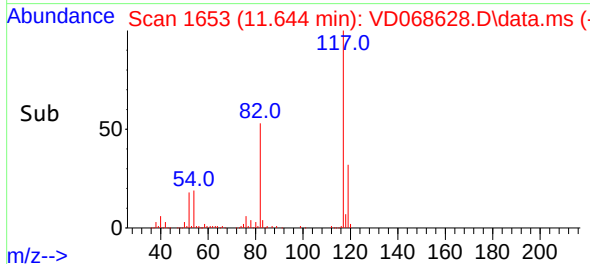
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



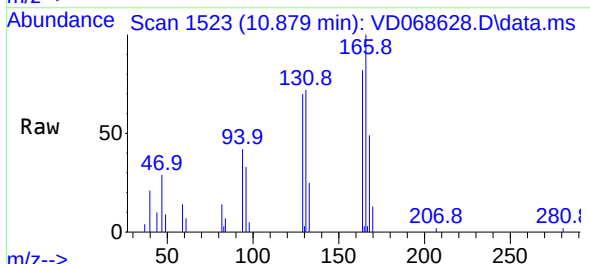
Tgt Ion:117 Resp: 374692
Ion Ratio Lower Upper
117 100
82 53.0 41.4 62.0
119 31.8 26.1 39.1

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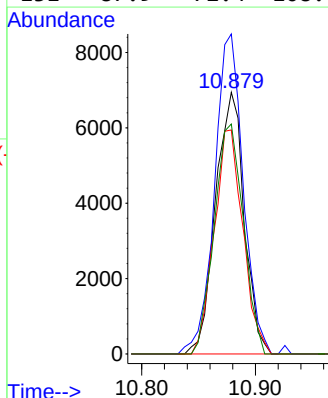
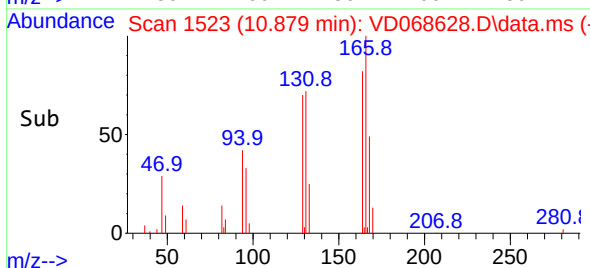
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3/17/2021 11:47:39 AM

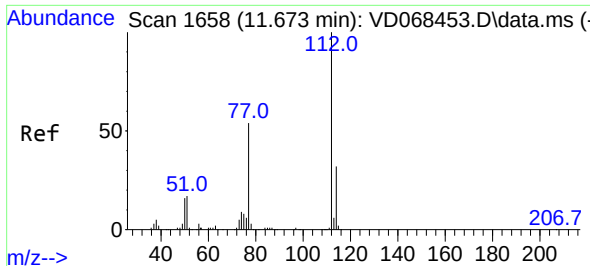


#64
Tetrachloroethene
Concen: 4.97 ug/l
RT: 10.879 min Scan# 1523
Delta R.T. 0.000 min
Lab File: VD068628.D
Acq: 16 Mar 2021 13:33



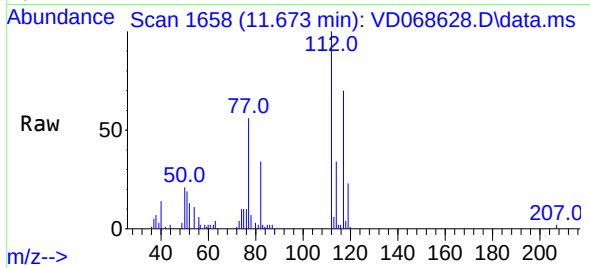
Tgt Ion:164 Resp: 12157
Ion Ratio Lower Upper
164 100
166 122.3 105.5 158.3
129 85.7 75.6 113.4
131 87.9 72.4 108.6





#65
Chlorobenzene
Concen: 4.50 ug/l
RT: 11.673 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VD068628.D
Acq: 16 Mar 2021 13:33

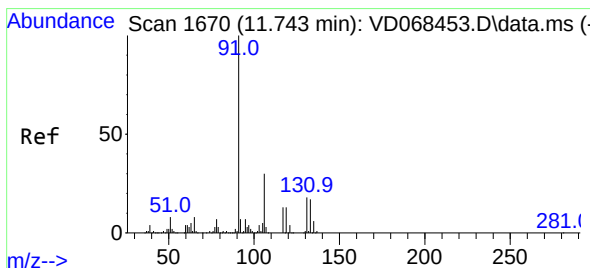
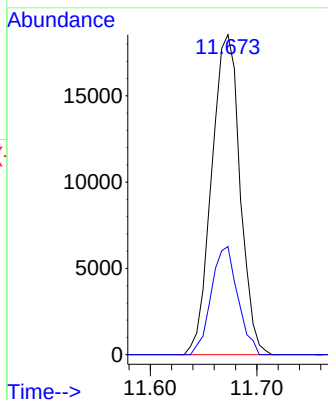
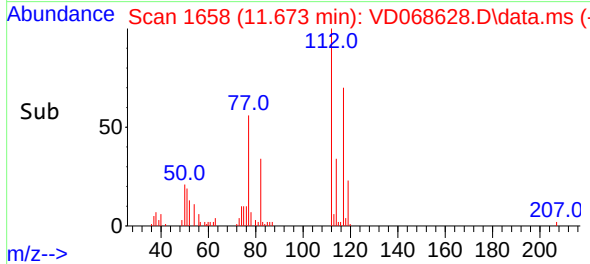
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



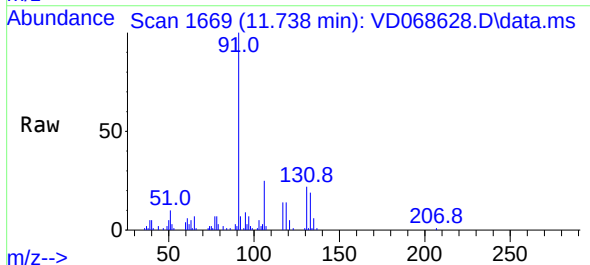
Tgt Ion:112 Resp: 34303
Ion Ratio Lower Upper
112 100
114 33.8 25.7 38.5

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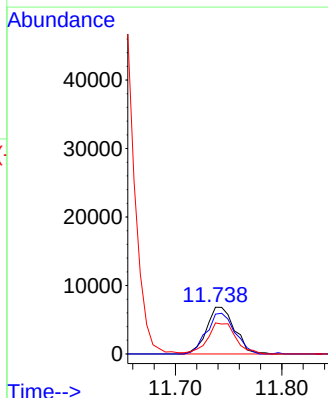
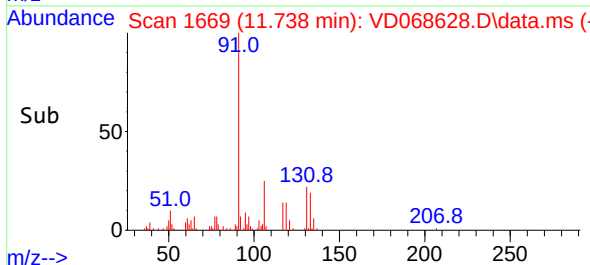
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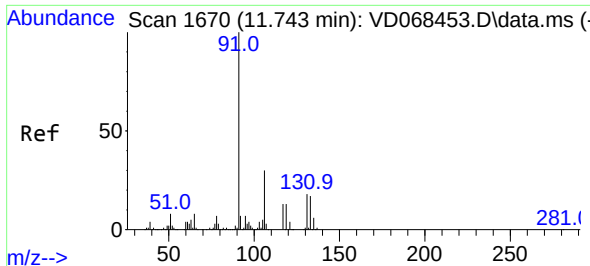


#66
1,1,1,2-Tetrachloroethane
Concen: 4.67 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.006 min
Lab File: VD068628.D
Acq: 16 Mar 2021 13:33



Tgt Ion:131 Resp: 12391
Ion Ratio Lower Upper
131 100
133 88.4 48.1 144.4
119 66.7 31.6 94.8





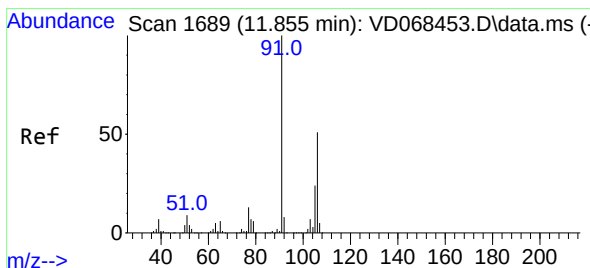
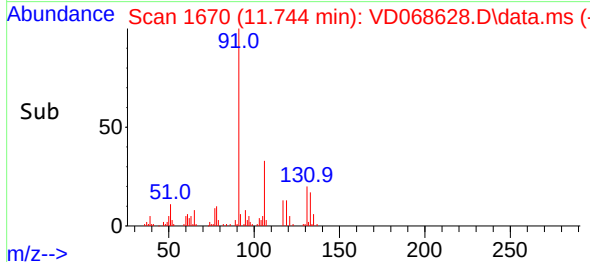
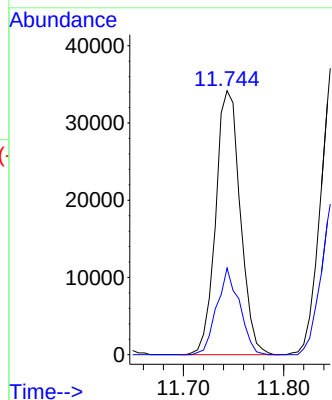
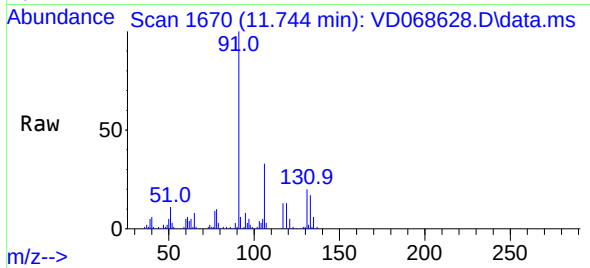
#67
Ethyl Benzene
Concen: 4.26 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD068628.D
Acq: 16 Mar 2021 13:33

Tgt Ion: 91 Resp: 58059
Ion Ratio Lower Upper
91 100
106 32.8 25.9 38.9

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

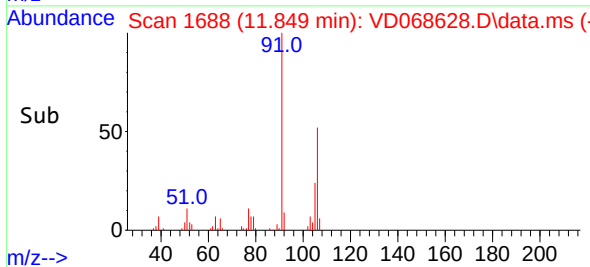
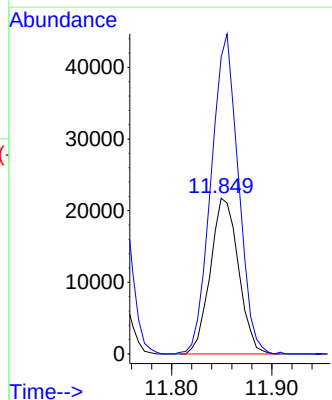
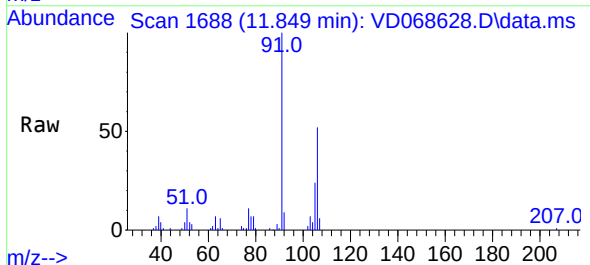
Manual Integrations
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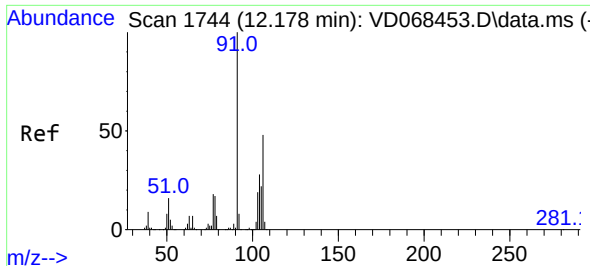
MMDadoda
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#68
m/p-Xylenes
Concen: 8.18 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. -0.006 min
Lab File: VD068628.D
Acq: 16 Mar 2021 13:33

Tgt Ion: 106 Resp: 42317
Ion Ratio Lower Upper
106 100
91 199.6 159.1 238.7





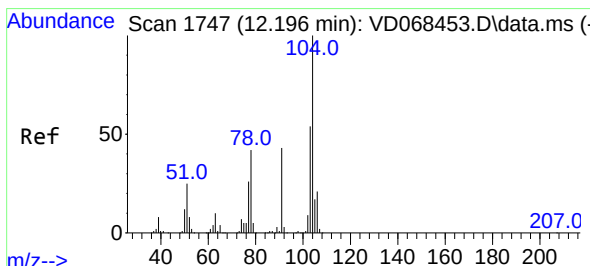
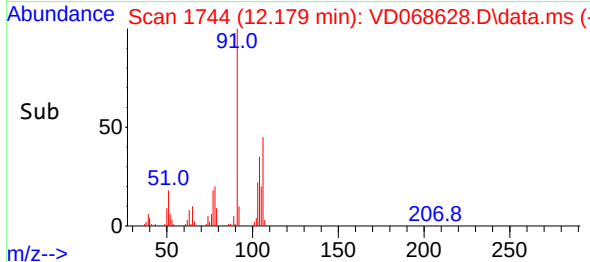
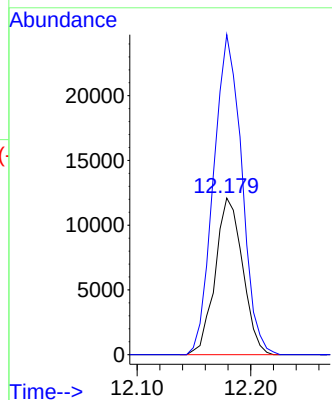
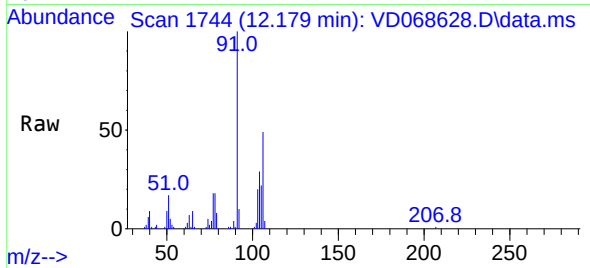
#69
o-Xylene
Concen: 4.27 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VD068628.D
Acq: 16 Mar 2021 13:33

Tgt Ion:106 Resp: 20341
Ion Ratio Lower Upper
106 100
91 210.2 108.7 325.9

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

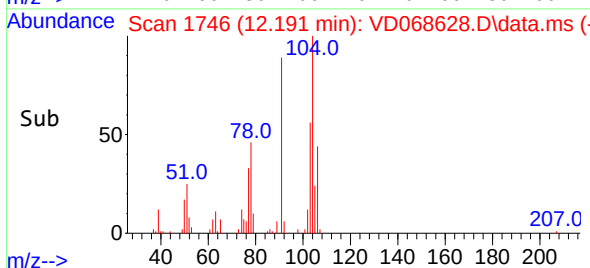
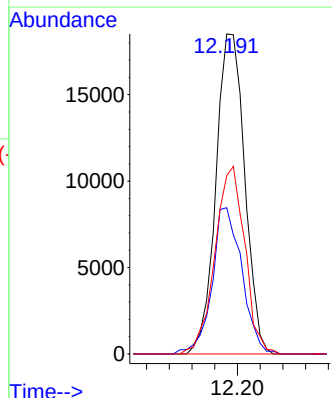
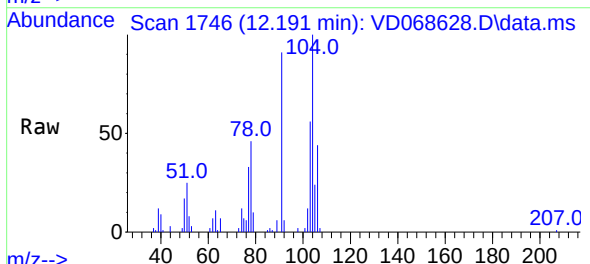
Manual Integrations
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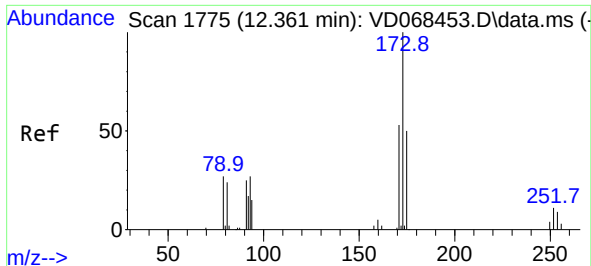
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#70
Styrene
Concen: 4.00 ug/l
RT: 12.191 min Scan# 1746
Delta R.T. -0.006 min
Lab File: VD068628.D
Acq: 16 Mar 2021 13:33

Tgt Ion:104 Resp: 32615
Ion Ratio Lower Upper
104 100
78 47.3 38.2 57.2
103 60.7 43.1 64.7





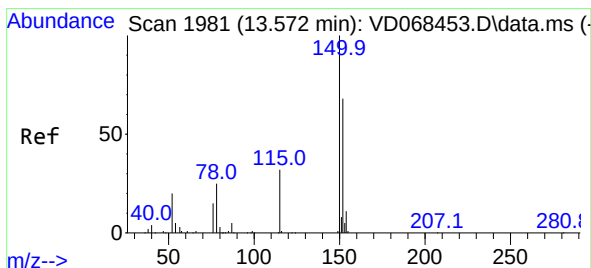
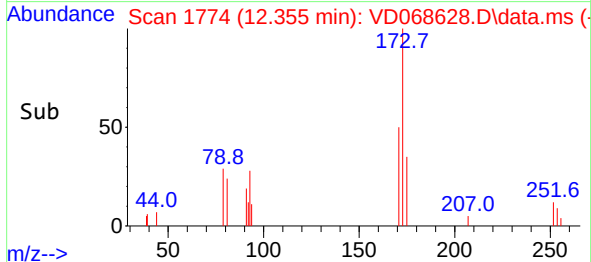
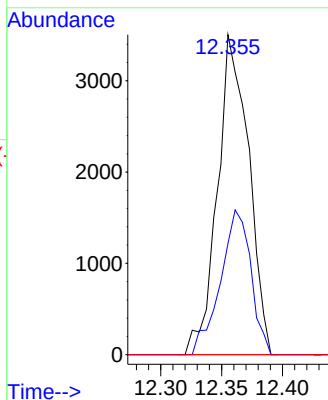
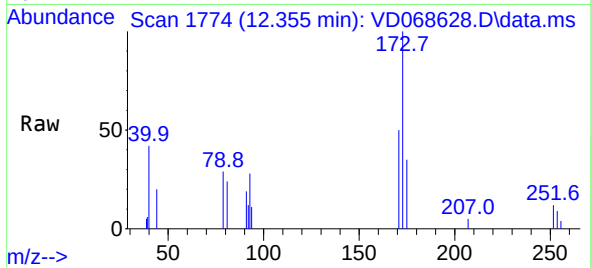
#71
Bromoform
Concen: 4.64 ug/l
RT: 12.355 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VD068628.D
Acq: 16 Mar 2021 13:33

Tgt Ion:173 Resp: 6258
Ion Ratio Lower Upper
173 100
175 44.1 24.6 73.8
254 0.0 0.0 0.0

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

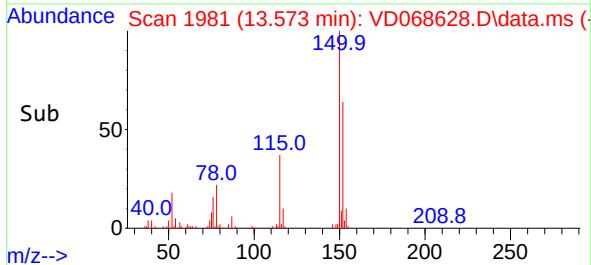
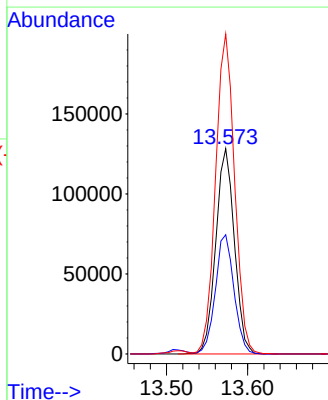
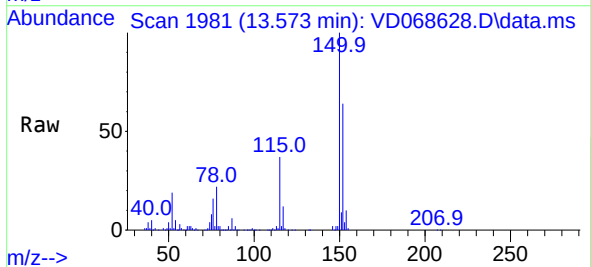
Manual Integrations
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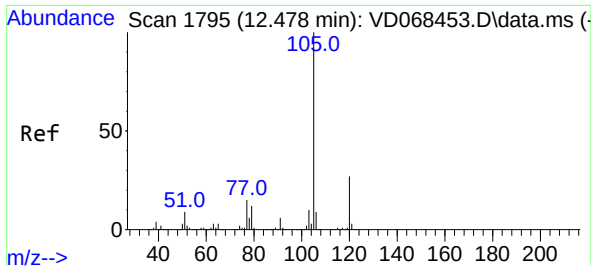
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068628.D
Acq: 16 Mar 2021 13:33

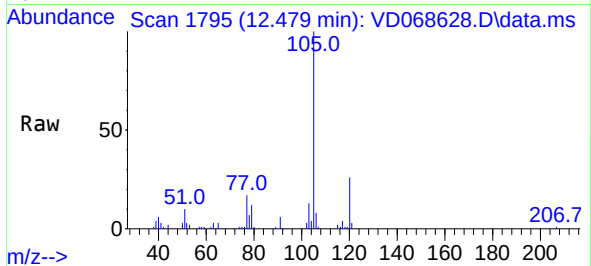
Tgt Ion:152 Resp: 204746
Ion Ratio Lower Upper
152 100
115 58.2 28.9 86.8
150 159.4 0.0 344.4





#73
Isopropylbenzene
Concen: 3.53 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VD068628.D
Acq: 16 Mar 2021 13:33

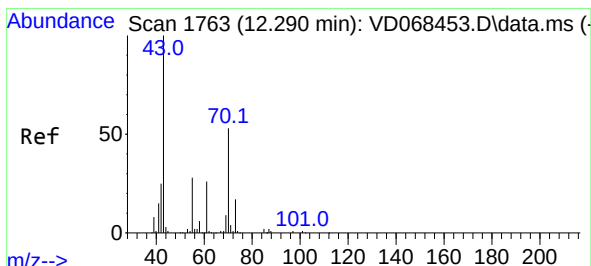
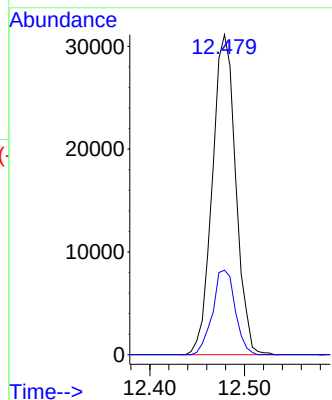
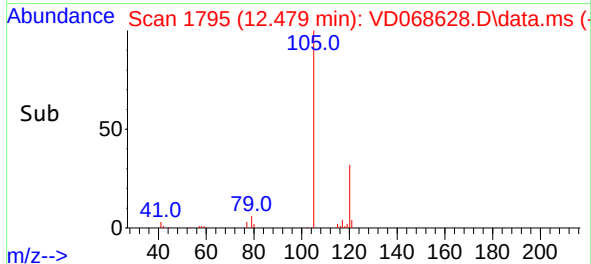
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



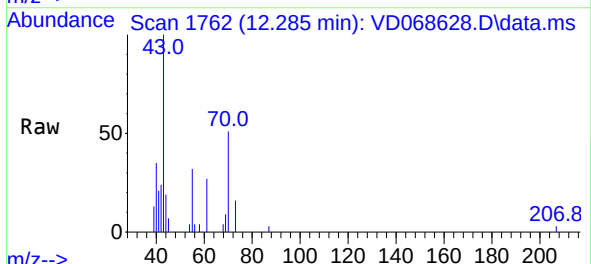
Tgt Ion: 105 Resp: 53605
Ion Ratio Lower Upper
105 100
120 25.5 13.2 39.6

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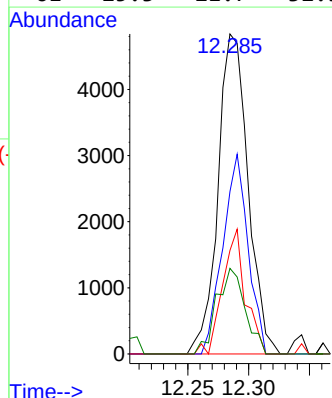
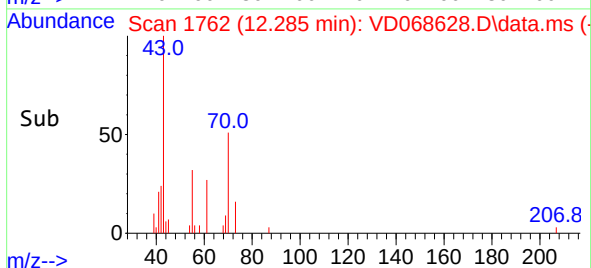
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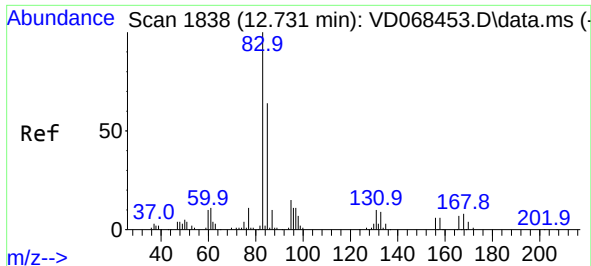


#74
N-ethyl acetate
Concen: 3.21 ug/l
RT: 12.285 min Scan# 1762
Delta R.T. -0.006 min
Lab File: VD068628.D
Acq: 16 Mar 2021 13:33



Tgt Ion: 43 Resp: 8307
Ion Ratio Lower Upper
43 100
70 52.5 41.8 62.8
55 29.6 24.2 36.4
61 25.3 21.7 32.5





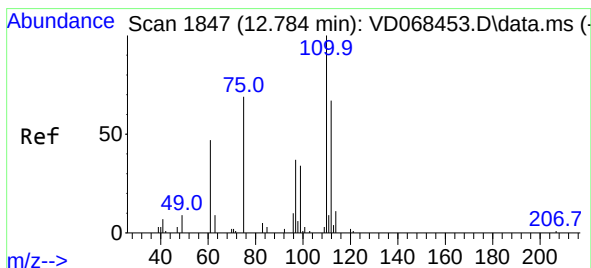
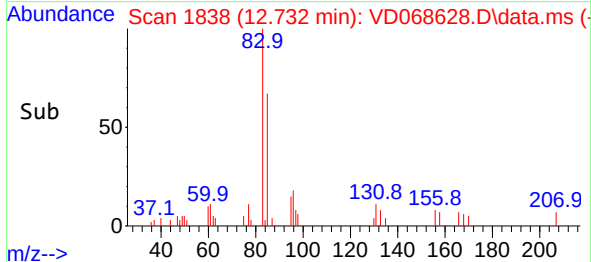
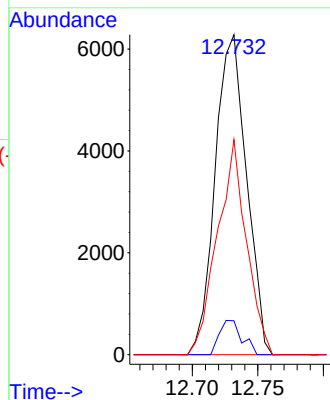
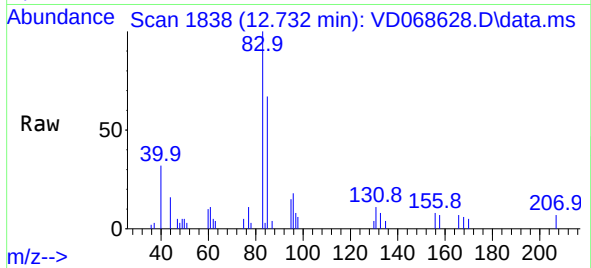
#75
1,1,2,2-Tetrachloroethane
Concen: 4.00 ug/l
RT: 12.732 min Scan# 1838
Delta R.T. 0.000 min
Lab File: VD068628.D
Acq: 16 Mar 2021 13:33

Tgt Ion:	83	Resp:	10457
Ion	Ratio	Lower	Upper
83	100		
131	7.7	5.8	17.4
85	62.3	32.4	97.2

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

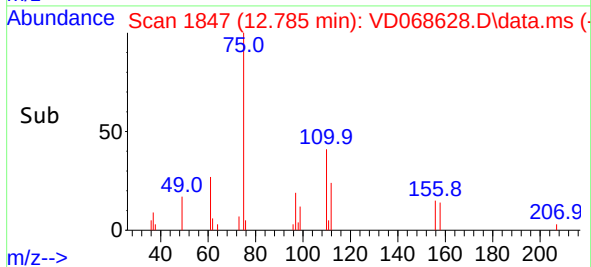
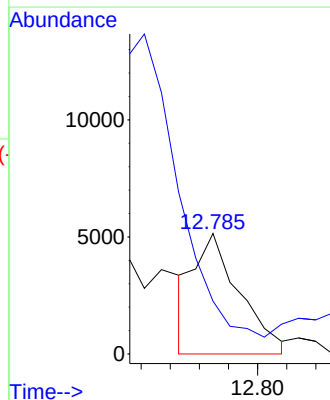
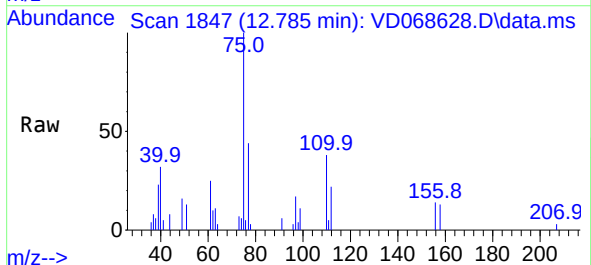
Manual Integrations
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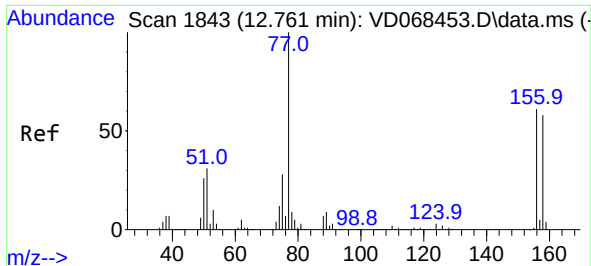
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#76
1,2,3-Trichloropropane
Concen: 3.06 ug/l m
RT: 12.785 min Scan# 1847
Delta R.T. 0.001 min
Lab File: VD068628.D
Acq: 16 Mar 2021 13:33

Tgt Ion:	75	Resp:	5553
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





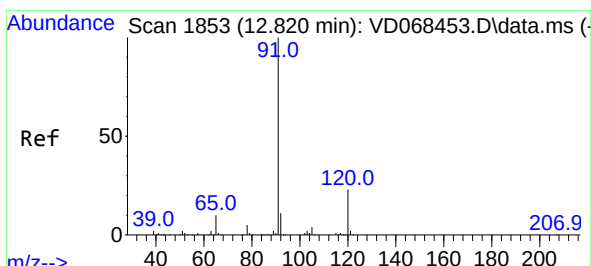
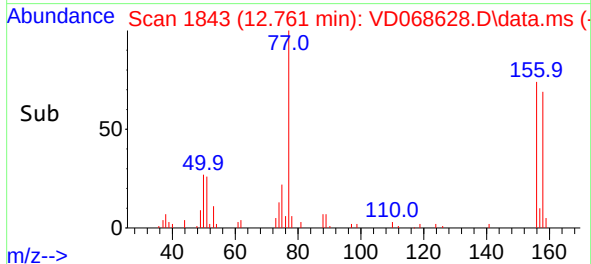
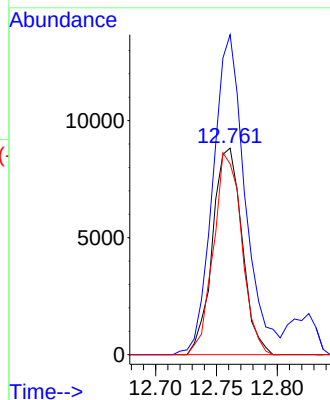
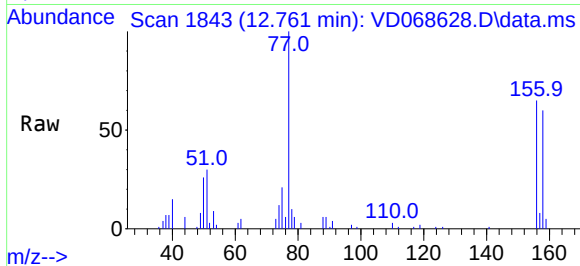
#77
Bromobenzene
Concen: 4.30 ug/l
RT: 12.761 min Scan# 1843
Delta R.T. 0.000 min
Lab File: VD068628.D
Acq: 16 Mar 2021 13:33

Tgt Ion: 156 Resp: 14907
Ion Ratio Lower Upper
156 100
77 168.6 82.8 248.3
158 93.5 48.0 144.0

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

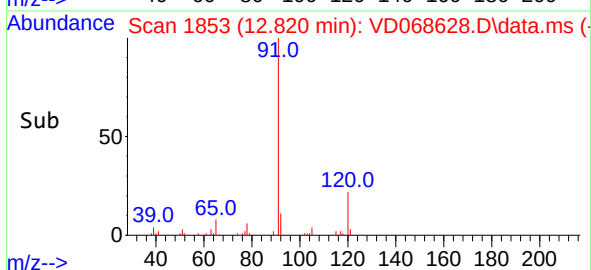
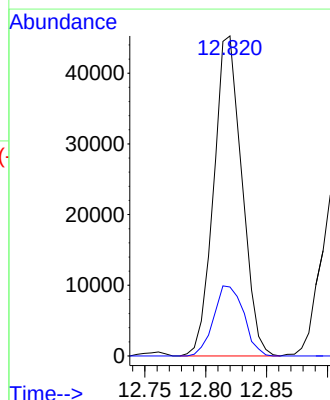
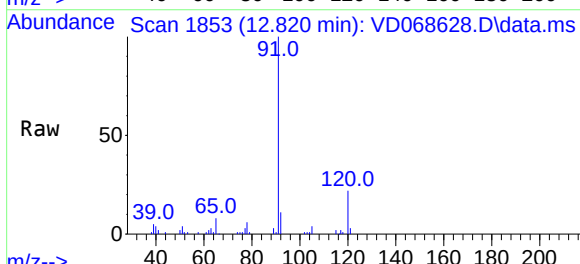
Manual Integrations
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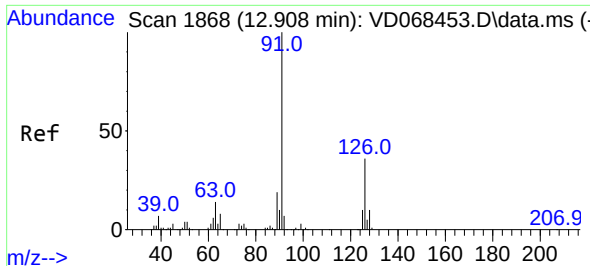
MMDadoda
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#78
n-propylbenzene
Concen: 4.01 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VD068628.D
Acq: 16 Mar 2021 13:33

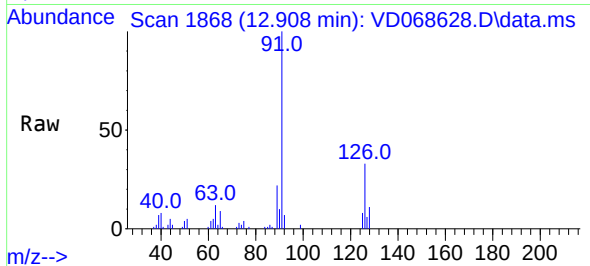
Tgt Ion: 91 Resp: 72684
Ion Ratio Lower Upper
91 100
120 23.4 12.0 36.0





#79
2-Chlorotoluene
Concen: 4.12 ug/l
RT: 12.908 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD068628.D
Acq: 16 Mar 2021 13:33

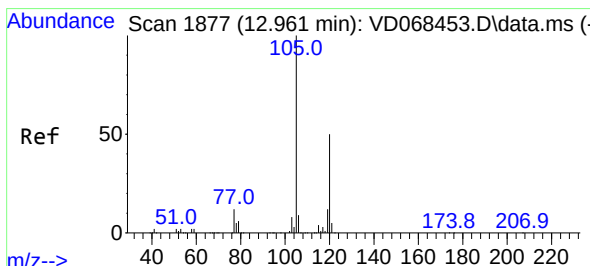
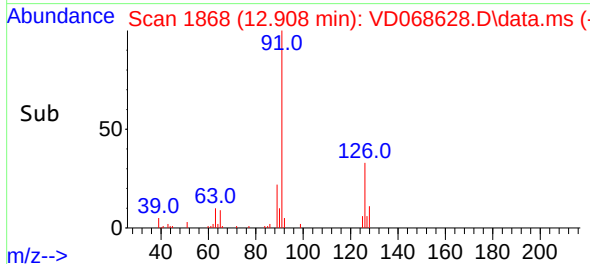
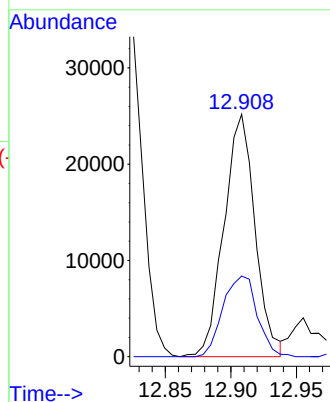
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



Tgt Ion: 91 Resp: 41536
Ion Ratio Lower Upper
91 100
126 36.7 17.8 53.5

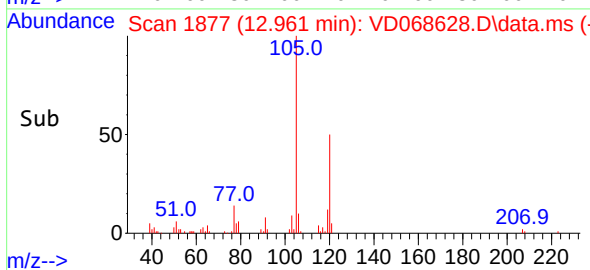
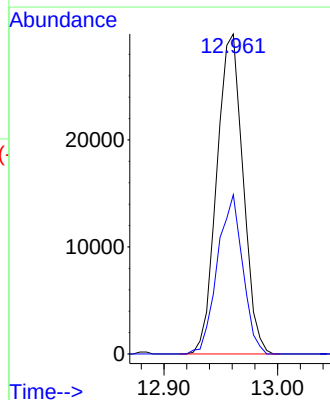
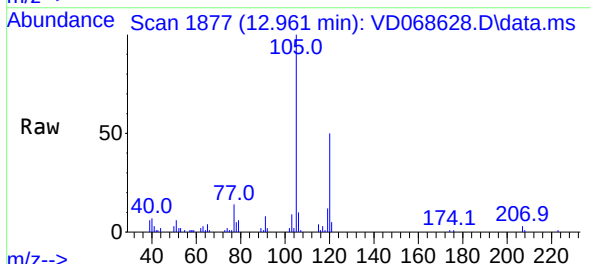
Manual Integrations
APPROVED

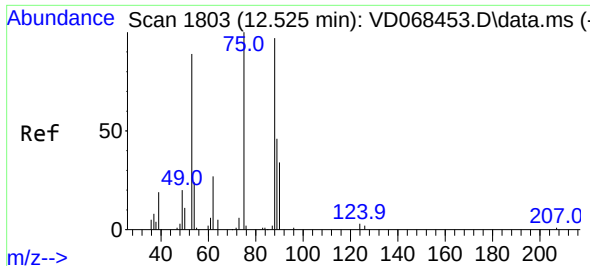
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#80
1,3,5-Trimethylbenzene
Concen: 3.86 ug/l
RT: 12.961 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VD068628.D
Acq: 16 Mar 2021 13:33

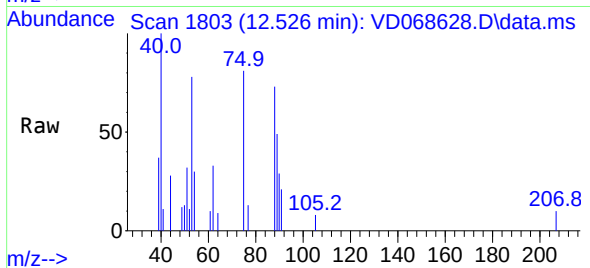
Tgt Ion: 105 Resp: 48031
Ion Ratio Lower Upper
105 100
120 48.1 24.2 72.6





#81
trans-1,4-Dichloro-2-butene
Concen: 3.58 ug/l
RT: 12.526 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VD068628.D
Acq: 16 Mar 2021 13:33

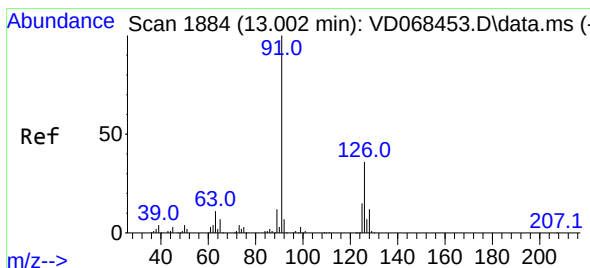
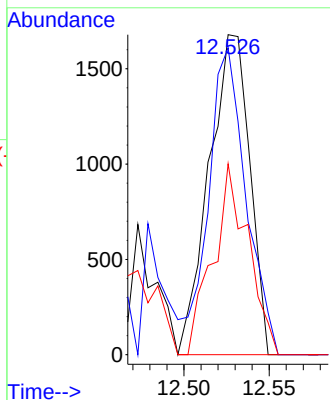
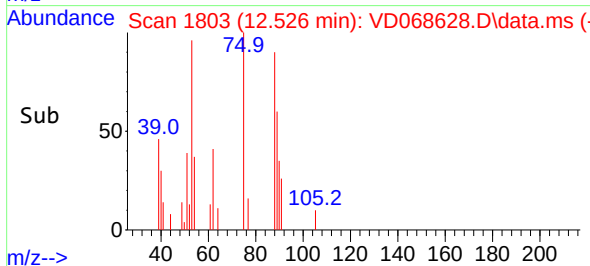
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



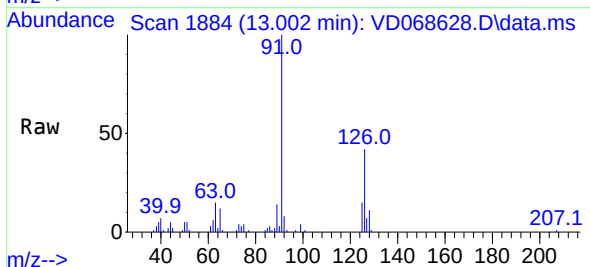
Tgt Ion: 75 Resp: 2789
Ion Ratio Lower Upper
75 100
53 89.0 70.2 105.2
89 51.8 40.3 60.5

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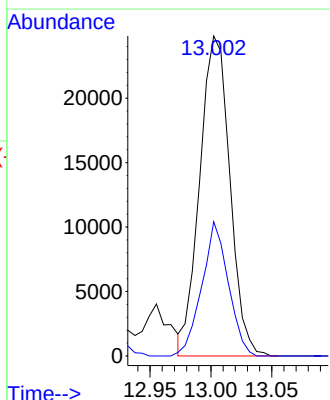
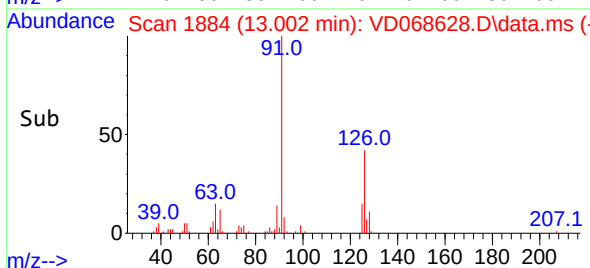
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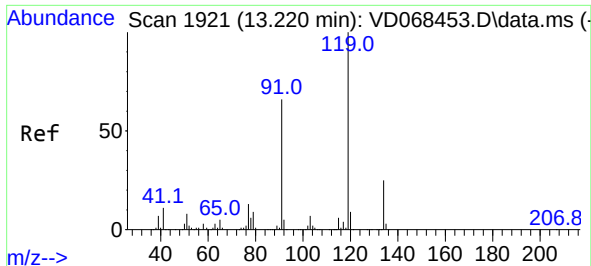


#82
4-Chlorotoluene
Concen: 4.04 ug/l
RT: 13.002 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD068628.D
Acq: 16 Mar 2021 13:33



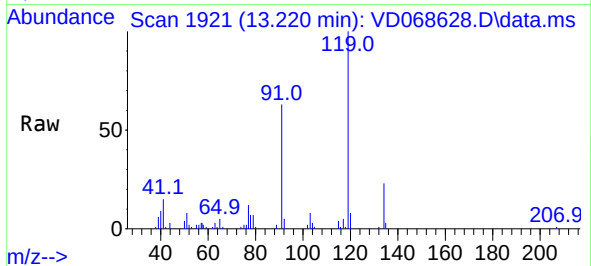
Tgt Ion: 91 Resp: 42782
Ion Ratio Lower Upper
91 100
126 36.9 17.7 53.1





#83
tert-Butylbenzene
Concen: 3.61 ug/l
RT: 13.220 min Scan# 1921
Delta R.T. 0.000 min
Lab File: VD068628.D
Acq: 16 Mar 2021 13:33

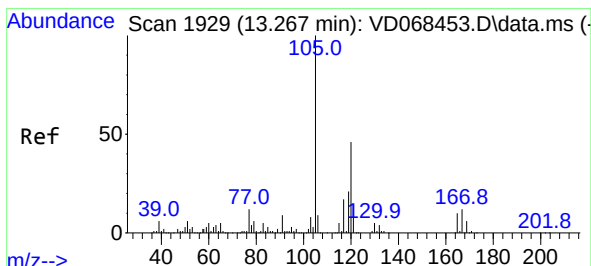
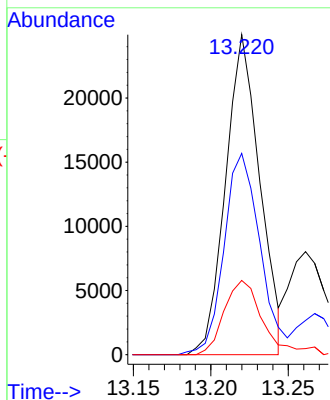
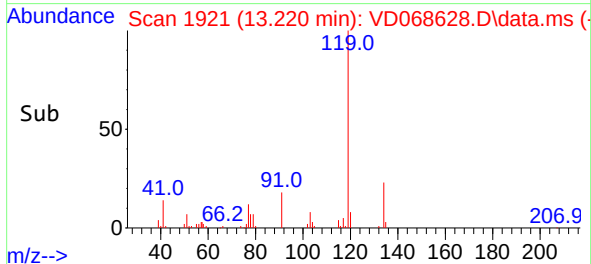
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



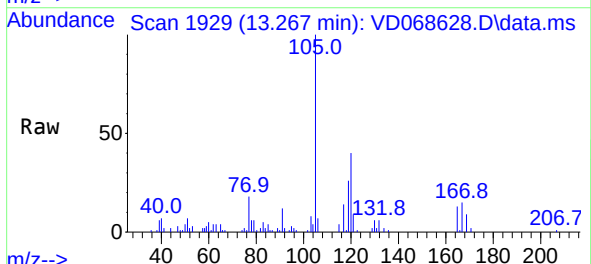
Tgt Ion:119 Resp: 38275
Ion Ratio Lower Upper
119 100
91 66.1 31.1 93.5
134 26.4 13.3 39.8

Manual Integrations
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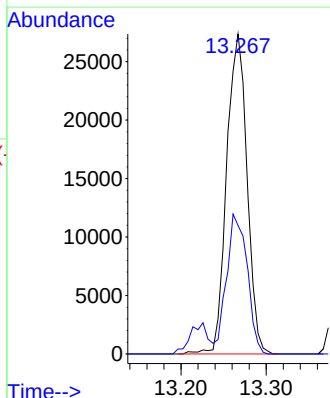
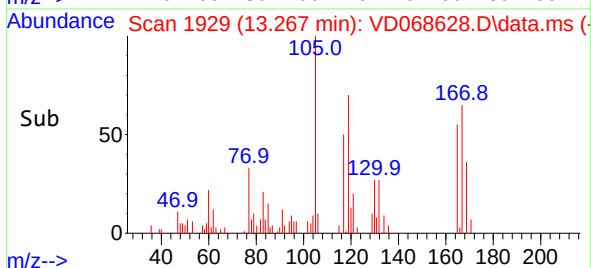
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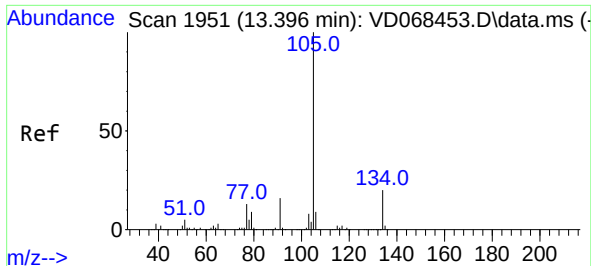


#84
1,2,4-Trimethylbenzene
Concen: 3.65 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. 0.000 min
Lab File: VD068628.D
Acq: 16 Mar 2021 13:33



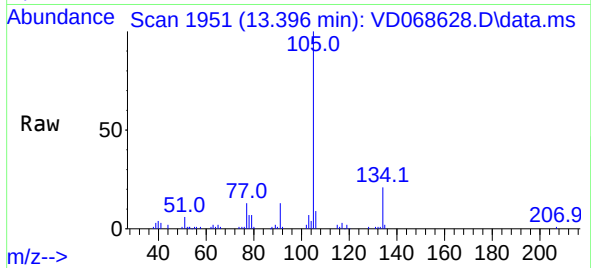
Tgt Ion:105 Resp: 45522
Ion Ratio Lower Upper
105 100
120 44.2 22.4 67.0





#85
 sec-Butylbenzene
 Concen: 3.78 ug/l
 RT: 13.396 min Scan# 1951
 Delta R.T. 0.000 min
 Lab File: VD068628.D
 Acq: 16 Mar 2021 13:33

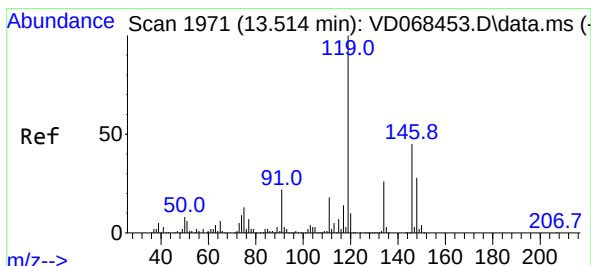
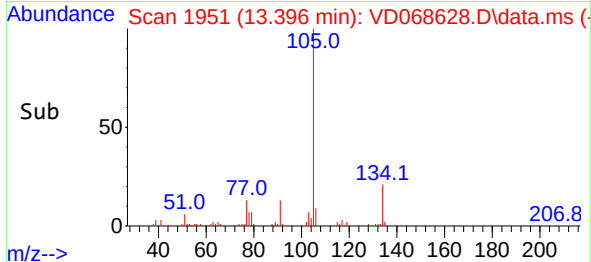
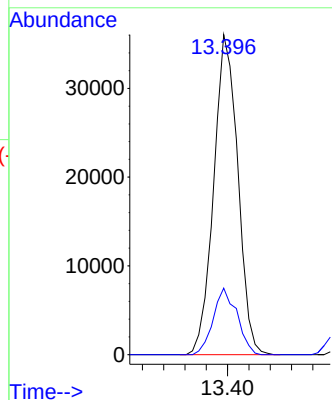
Instrument :
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 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2021



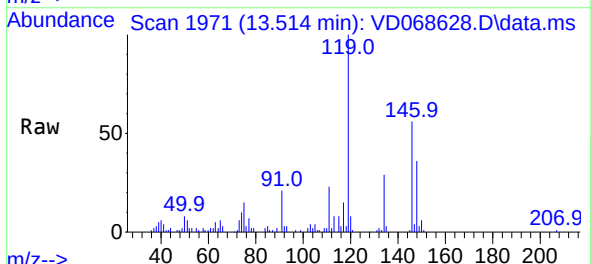
Tgt Ion:105 Resp: 56648
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.3 30.9

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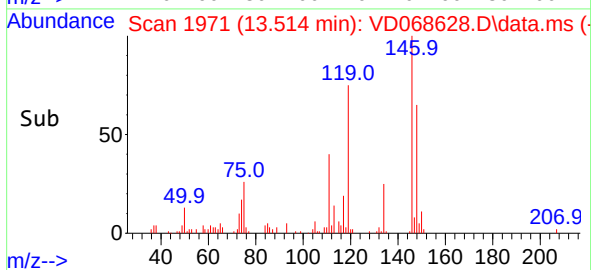
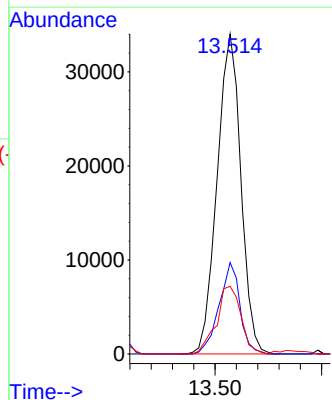
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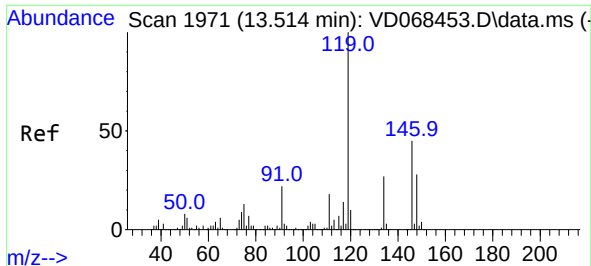


#86
 p-Isopropyltoluene
 Concen: 3.87 ug/l
 RT: 13.514 min Scan# 1971
 Delta R.T. 0.000 min
 Lab File: VD068628.D
 Acq: 16 Mar 2021 13:33



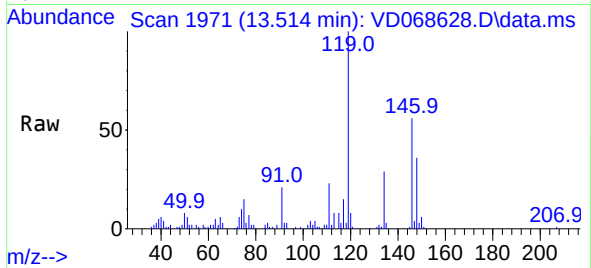
Tgt Ion:119 Resp: 52616
 Ion Ratio Lower Upper
 119 100
 134 25.1 12.9 38.7
 91 21.7 11.7 35.0





#87
1,3-Dichlorobenzene
Concen: 4.30 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. 0.000 min
Lab File: VD068628.D
Acq: 16 Mar 2021 13:33

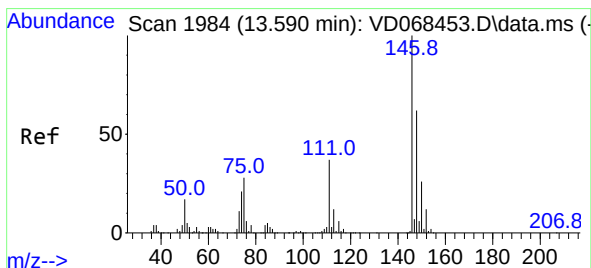
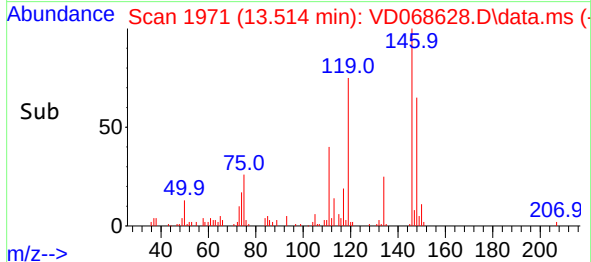
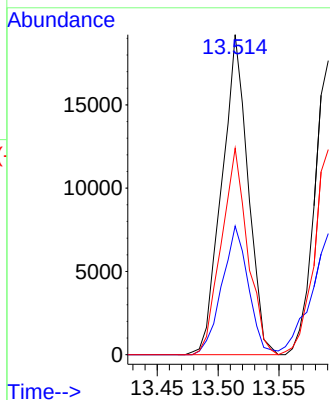
Instrument :
MSVOA_D
ClientSampleId :
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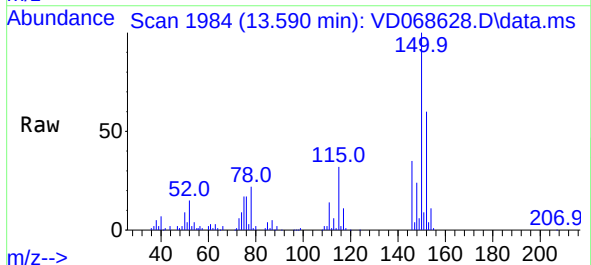
Tgt Ion:146 Resp: 28770
Ion Ratio Lower Upper
146 100
111 40.7 19.5 58.5
148 64.8 31.6 95.0

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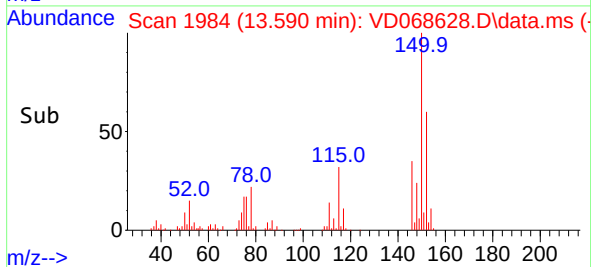
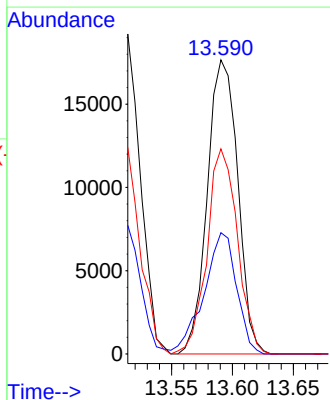
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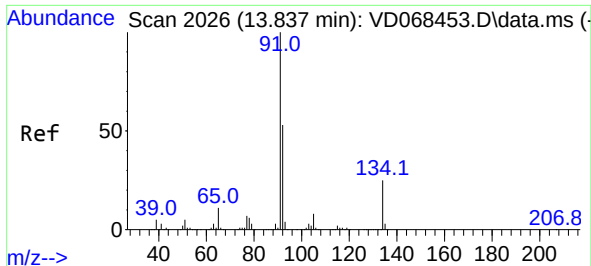


#88
1,4-Dichlorobenzene
Concen: 4.64 ug/l
RT: 13.590 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VD068628.D
Acq: 16 Mar 2021 13:33



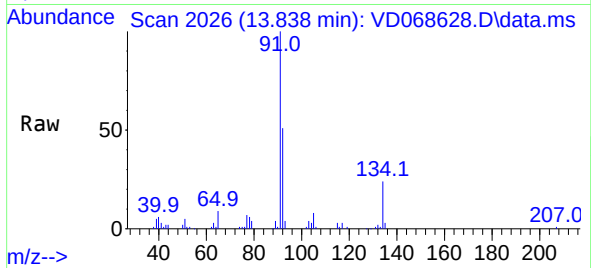
Tgt Ion:146 Resp: 30743
Ion Ratio Lower Upper
146 100
111 44.2 19.1 57.1
148 69.6 31.9 95.7





#89
n-Butylbenzene
Concen: 4.05 ug/l
RT: 13.838 min Scan# 2026
Delta R.T. 0.000 min
Lab File: VD068628.D
Acq: 16 Mar 2021 13:33

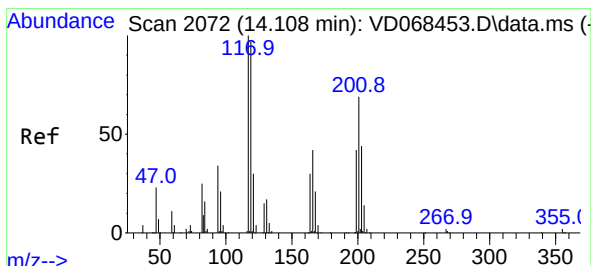
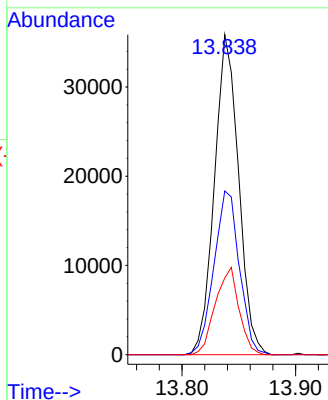
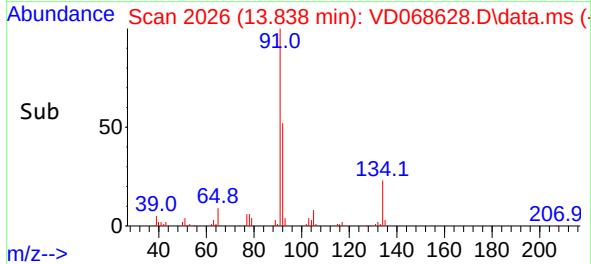
Instrument :
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LOD-MDL-SOIL-01-QT1-2021



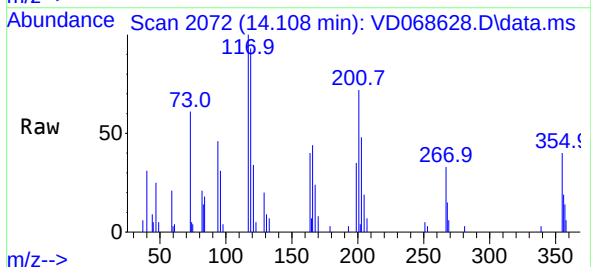
Tgt Ion: 91 Resp: 53085
Ion Ratio Lower Upper
91 100
92 53.8 27.2 81.6
134 26.7 13.9 41.7

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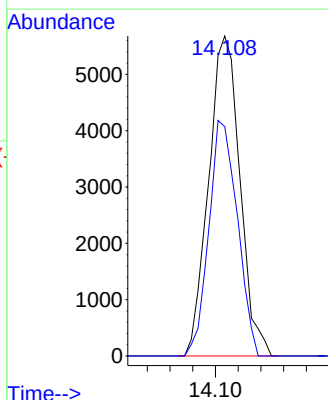
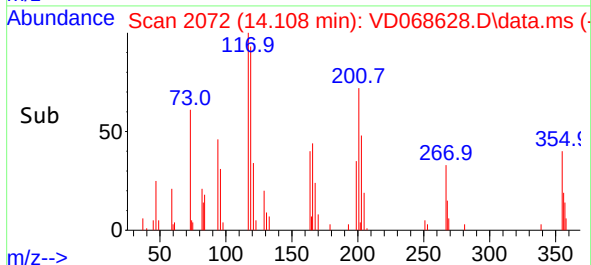
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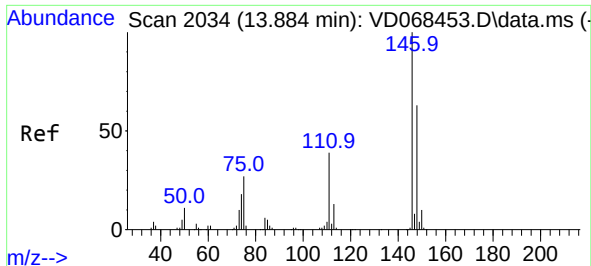


#90
Hexachloroethane
Concen: 4.03 ug/l
RT: 14.108 min Scan# 2072
Delta R.T. 0.000 min
Lab File: VD068628.D
Acq: 16 Mar 2021 13:33

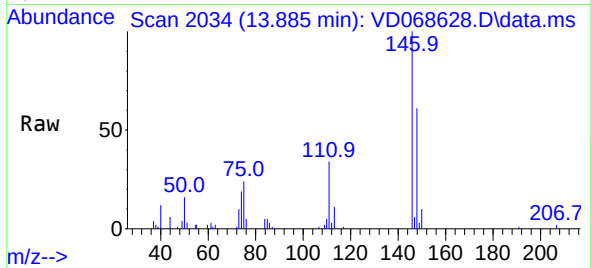


Tgt Ion: 117 Resp: 10876
Ion Ratio Lower Upper
117 100
201 66.9 39.5 118.5

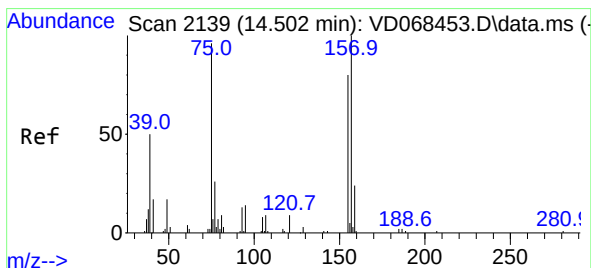
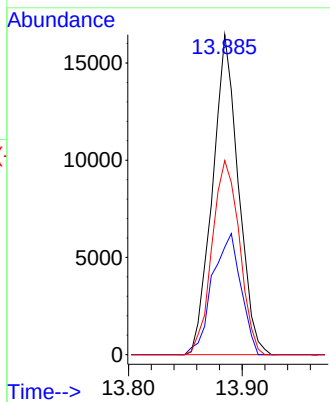
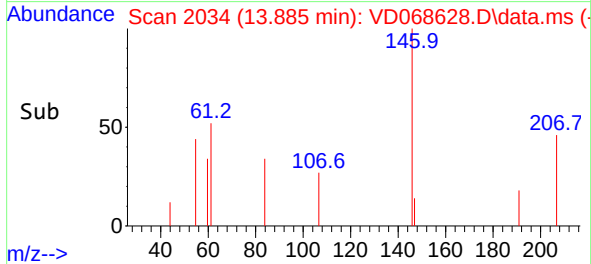




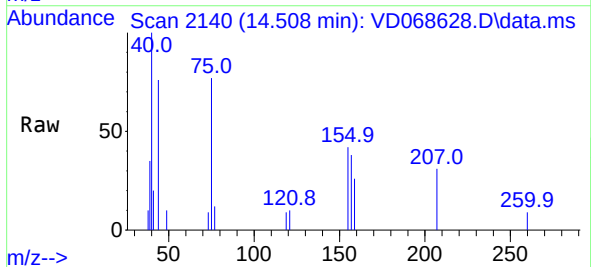
#91
1,2-Dichlorobenzene
Concen: 4.53 ug/l
RT: 13.885 min Scan# 2034
Delta R.T. 0.000 min
Lab File: VD068628.D
Acq: 16 Mar 2021 13:33



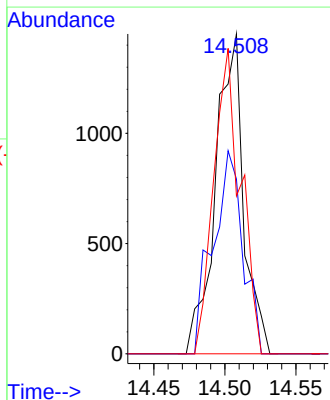
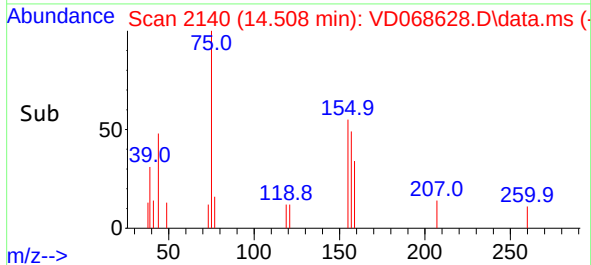
Tgt Ion:146 Resp: 25997
Ion Ratio Lower Upper
146 100
111 41.7 20.3 60.9
148 64.5 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.33 ug/l
RT: 14.508 min Scan# 2140
Delta R.T. 0.006 min
Lab File: VD068628.D
Acq: 16 Mar 2021 13:33



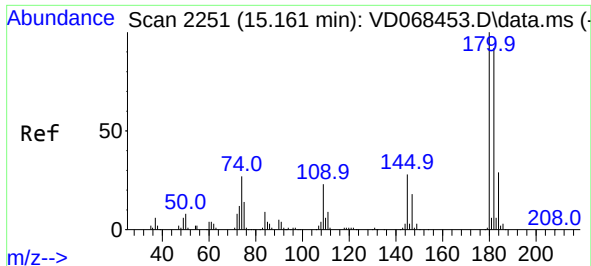
Tgt Ion: 75 Resp: 1995
Ion Ratio Lower Upper
75 100
155 68.3 48.0 144.2
157 91.9 65.0 194.8



Instrument :
MSVOA_D
ClientSampleId :
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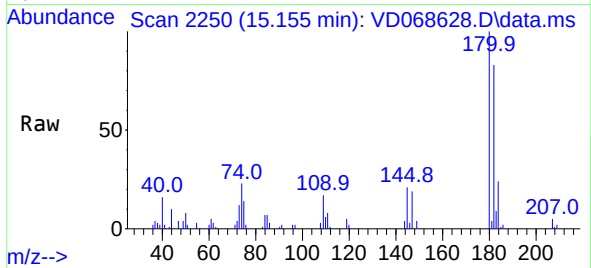
Manual Integrations
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#93
1,2,4-Trichlorobenzene
Concen: 3.93 ug/l
RT: 15.155 min Scan# 2250
Delta R.T. -0.006 min
Lab File: VD068628.D
Acq: 16 Mar 2021 13:33

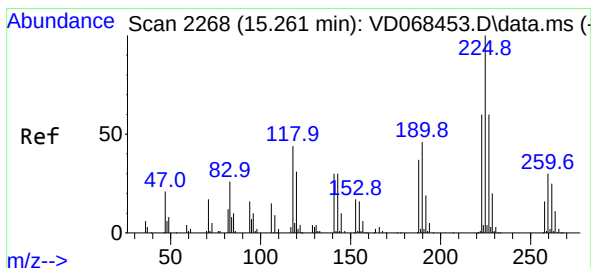
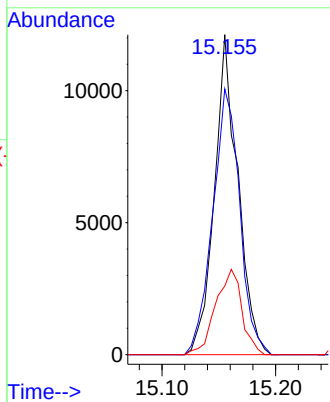
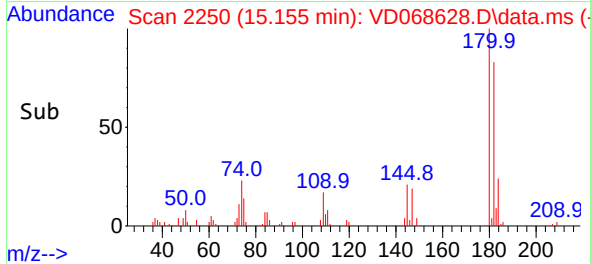
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



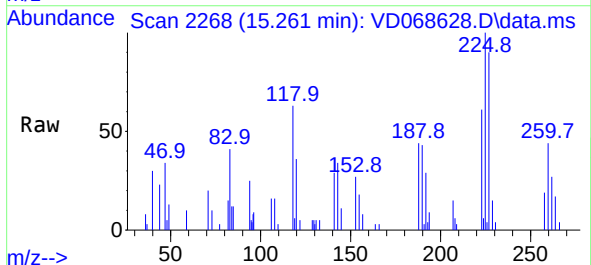
Tgt Ion:180 Resp: 17420
Ion Ratio Lower Upper
180 100
182 95.6 46.8 140.4
145 29.8 15.2 45.5

Manual Integrations
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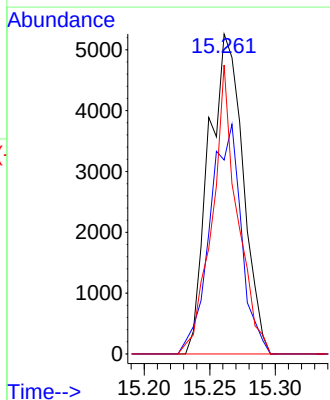
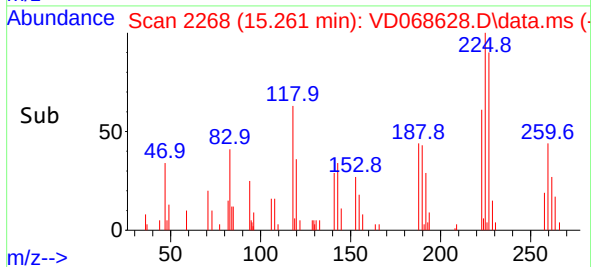
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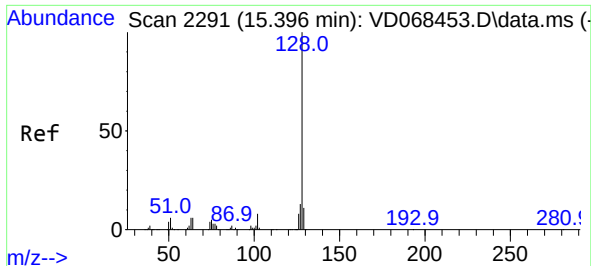


#94
Hexachlorobutadiene
Concen: 3.87 ug/l
RT: 15.261 min Scan# 2268
Delta R.T. 0.000 min
Lab File: VD068628.D
Acq: 16 Mar 2021 13:33



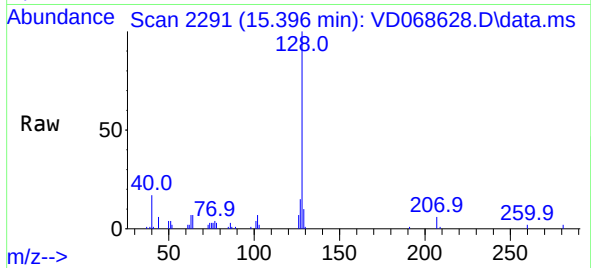
Tgt Ion:225 Resp: 9524
Ion Ratio Lower Upper
225 100
223 66.1 31.9 95.5
227 66.5 32.1 96.5





#95
Naphthalene
Concen: 3.50 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.000 min
Lab File: VD068628.D
Acq: 16 Mar 2021 13:33

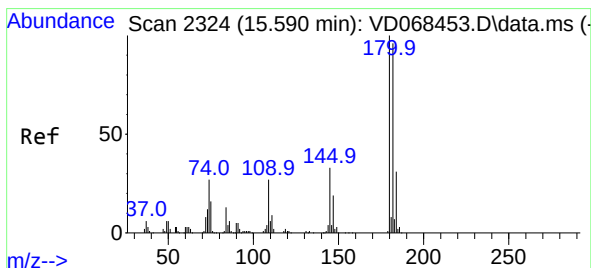
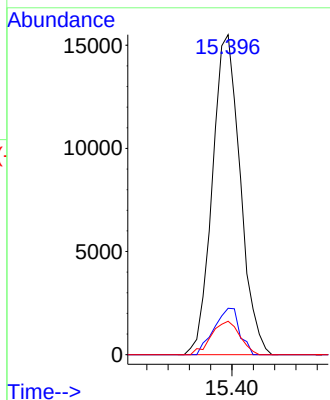
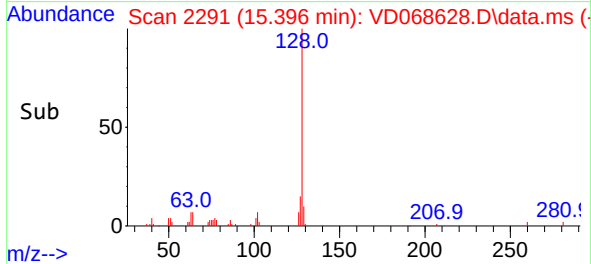
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



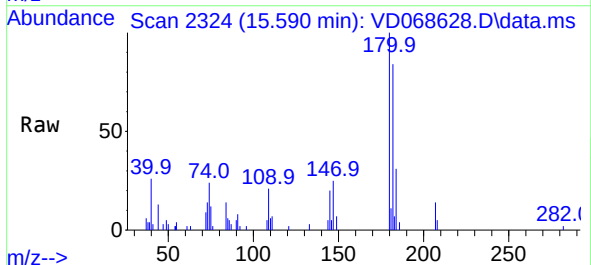
Tgt Ion:128 Resp: 28130
Ion Ratio Lower Upper
128 100
127 13.3 10.2 15.2
129 10.6 8.8 13.2

Manual Integrations
APPROVED

MMDadoda
3/17/2021 11:47:39 AM



#96
1,2,3-Trichlorobenzene
Concen: 3.83 ug/l
RT: 15.590 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VD068628.D
Acq: 16 Mar 2021 13:33



Tgt Ion:180 Resp: 14717
Ion Ratio Lower Upper
180 100
182 91.8 48.3 144.8
145 27.7 16.7 50.1

