

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031621\
 Data File : VD068627.D
 Acq On : 16 Mar 2021 13:06
 Operator : VA/SY
 Sample : M1458-01 2.5PPBLOD
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: Mar 17 01:19:32 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	250026	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	424836	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	390213	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	210424	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	121774	48.75	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.50%		
35) Dibromofluoromethane	7.920	113	126458	49.41	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.82%		
50) Toluene-d8	10.344	98	486305	47.71	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	95.42%		
62) 4-Bromofluorobenzene	12.632	95	159536	48.56	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	97.12%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	7081	2.92	ug/l	87
3) Chloromethane	2.209	50	9603	3.13	ug/l	97
4) Vinyl Chloride	2.350	62	10902	2.99	ug/l	95
5) Bromomethane	2.774	94	8610	3.32	ug/l	94
6) Chloroethane	2.927	64	6704	2.85	ug/l	99
7) Trichlorofluoromethane	3.274	101	12859	3.10	ug/l	100
8) Diethyl Ether	3.715	74	3192	2.58	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.103	101	8656	3.42	ug/l	90
10) Methyl Iodide	4.297	142	6538	2.43	ug/l #	91
11) Tert butyl alcohol	5.226	59	1695	12.71	ug/l #	74
12) 1,1-Dichloroethene	4.068	96	7844	3.12	ug/l	85
13) Acrolein	3.932	56	1973	10.35	ug/l	88
14) Allyl chloride	4.715	41	8747	2.70	ug/l #	85
15) Acrylonitrile	5.426	53	7398	14.17	ug/l	98
16) Acetone	4.168	43	5548	13.98	ug/l #	82
17) Carbon Disulfide	4.415	76	23445	2.85	ug/l #	90
18) Methyl Acetate	4.715	43	3289	3.22	ug/l #	87
19) Methyl tert-butyl Ether	5.485	73	16030m	2.94	ug/l	
20) Methylene Chloride	4.968	84	17244	5.12	ug/l	94
21) trans-1,2-Dichloroethene	5.473	96	9370	3.13	ug/l #	85
22) Diisopropyl ether	6.362	45	18375	2.57	ug/l #	92
23) Vinyl Acetate	6.309	43	38666	10.44	ug/l	97
24) 1,1-Dichloroethane	6.268	63	15112	3.09	ug/l	95
25) 2-Butanone	7.220	43	7509	13.16	ug/l	89
26) 2,2-Dichloropropane	7.209	77	12704	3.12	ug/l	100
27) cis-1,2-Dichloroethene	7.215	96	9849	2.99	ug/l	97
28) Bromochloromethane	7.556	49	5781	3.03	ug/l #	85
29) Tetrahydrofuran	7.567	42	4747	12.82	ug/l	93
30) Chloroform	7.715	83	15055	2.91	ug/l	89
31) Cyclohexane	7.979	56	17467	3.84	ug/l #	80
32) 1,1,1-Trichloroethane	7.903	97	13534	3.07	ug/l #	92
36) 1,1-Dichloropropene	8.114	75	12006	2.97	ug/l	91
37) Ethyl Acetate	7.309	43	3852	2.87	ug/l #	65
38) Carbon Tetrachloride	8.091	117	12164	3.21	ug/l	87
39) Methylcyclohexane	9.356	83	15435	3.10	ug/l	96
40) Benzene	8.350	78	32991	2.85	ug/l	100

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Quant Time: Mar 17 01:19:32 2021
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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.532	41	2431	3.13	ug/l #	43
42) 1,2-Dichloroethane	8.426	62	9115	2.99	ug/l	94
43) Isopropyl Acetate	8.456	43	6365	2.58	ug/l	93
44) Trichloroethene	9.109	130	9059	2.85	ug/l	81
45) 1,2-Dichloropropane	9.391	63	8344	3.01	ug/l #	87
46) Dibromomethane	9.479	93	4667	3.10	ug/l	89
47) Bromodichloromethane	9.667	83	10694	2.74	ug/l	90
48) Methyl methacrylate	9.456	41	3684	2.81	ug/l	96
49) 1,4-Dioxane	9.473	88	872	50.76	ug/l	93
51) 4-Methyl-2-Pentanone	10.226	43	14958	11.61	ug/l	94
52) Toluene	10.408	92	22391	3.03	ug/l	99
53) t-1,3-Dichloropropene	10.626	75	10093	2.80	ug/l	99
54) cis-1,3-Dichloropropene	10.091	75	12721	2.89	ug/l #	87
55) 1,1,2-Trichloroethane	10.803	97	5596	2.68	ug/l #	80
56) Ethyl methacrylate	10.661	69	5715	2.38	ug/l #	88
57) 1,3-Dichloropropane	10.950	76	9421	2.59	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.944	63	16339	13.59	ug/l	95
59) 2-Hexanone	10.985	43	10853	12.64	ug/l	98
60) Dibromochloromethane	11.144	129	7202	2.79	ug/l	97
61) 1,2-Dibromoethane	11.244	107	6205	3.04	ug/l	94
64) Tetrachloroethene	10.873	164	8201	3.22	ug/l	93
65) Chlorobenzene	11.673	112	22436	2.82	ug/l #	87
66) 1,1,1,2-Tetrachloroethane	11.744	131	8369	3.03	ug/l	97
67) Ethyl Benzene	11.744	91	40449	2.85	ug/l	96
68) m/p-Xylenes	11.850	106	30490	5.66	ug/l	93
69) o-Xylene	12.179	106	13676	2.76	ug/l	94
70) Styrene	12.197	104	22141	2.61	ug/l	96
71) Bromoform	12.361	173	4269	3.04	ug/l #	94
73) Isopropylbenzene	12.479	105	35799	2.29	ug/l	98
74) N-amyl acetate	12.285	43	5979	2.25	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.732	83	7041	2.62	ug/l	95
76) 1,2,3-Trichloropropane	12.785	75	5350m	2.86	ug/l	
77) Bromobenzene	12.755	156	9387	2.64	ug/l	89
78) n-propylbenzene	12.820	91	49501	2.65	ug/l	98
79) 2-Chlorotoluene	12.908	91	27906	2.70	ug/l	99
80) 1,3,5-Trimethylbenzene	12.955	105	32765	2.56	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	1831m	2.29	ug/l	
82) 4-Chlorotoluene	13.002	91	28588	2.63	ug/l	99
83) tert-Butylbenzene	13.220	119	29325	2.69	ug/l	99
84) 1,2,4-Trimethylbenzene	13.267	105	30745	2.40	ug/l	97
85) sec-Butylbenzene	13.397	105	39327	2.56	ug/l	100
86) p-Isopropyltoluene	13.514	119	37075	2.65	ug/l	98
87) 1,3-Dichlorobenzene	13.508	146	20433	2.97	ug/l	93
88) 1,4-Dichlorobenzene	13.591	146	21138	3.10	ug/l	86
89) n-Butylbenzene	13.838	91	35445	2.63	ug/l	97
90) Hexachloroethane	14.108	117	6311	2.27	ug/l	89
91) 1,2-Dichlorobenzene	13.885	146	17951	3.04	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.502	75	1189	2.51	ug/l	80
93) 1,2,4-Trichlorobenzene	15.155	180	13407	2.94	ug/l	94
94) Hexachlorobutadiene	15.261	225	7245	2.86	ug/l	96
95) Naphthalene	15.396	128	19624	2.38	ug/l	96
96) 1,2,3-Trichlorobenzene	15.591	180	10536	2.67	ug/l	97

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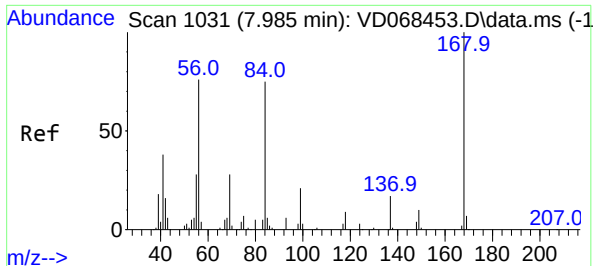
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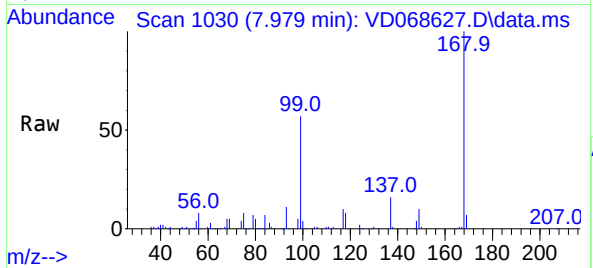
Quant Time: Mar 17 01:19:32 2021
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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

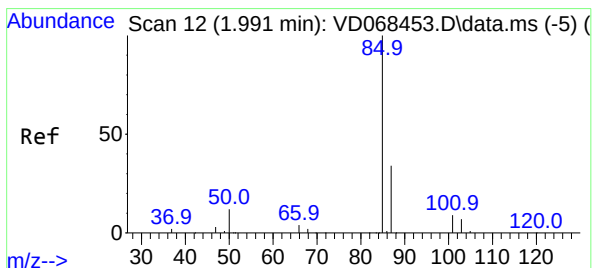
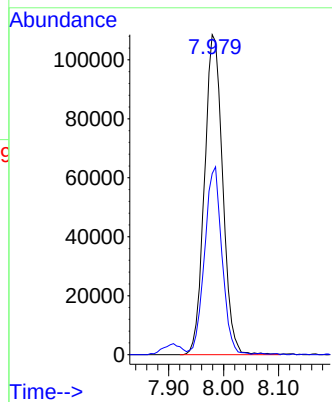
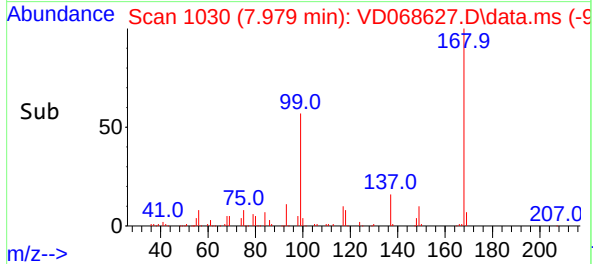
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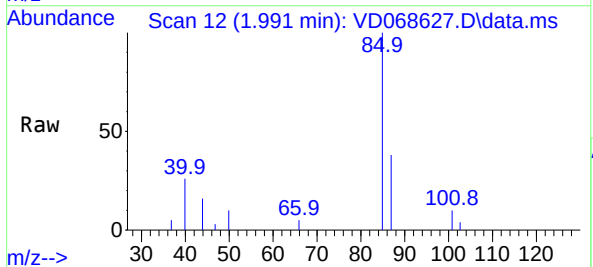
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068627.D
Acq: 16 Mar 2021 13:06



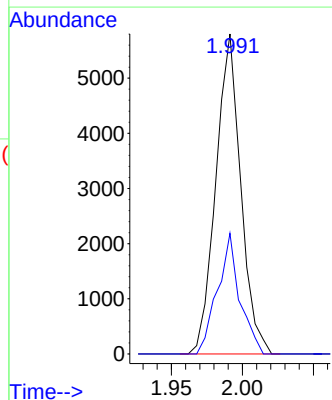
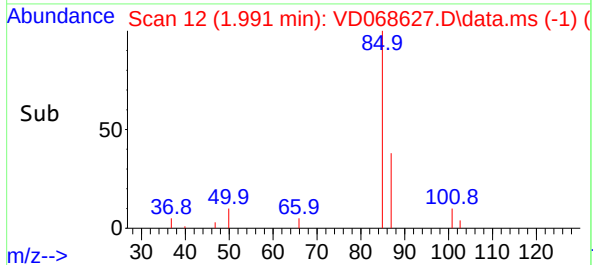
Tgt Ion: 168 Resp: 250026
Ion Ratio Lower Upper
168 100
99 56.6 43.5 65.3



#2
Dichlorodifluoromethane
Concen: 2.92 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.001 min
Lab File: VD068627.D
Acq: 16 Mar 2021 13:06



Tgt Ion: 85 Resp: 7081
Ion Ratio Lower Upper
85 100
87 37.7 15.4 46.1

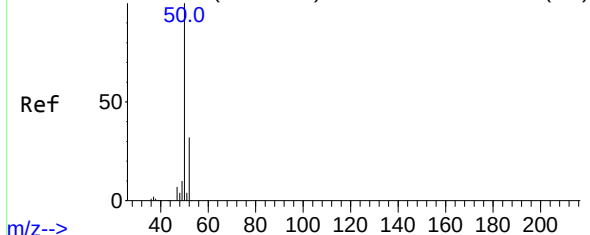


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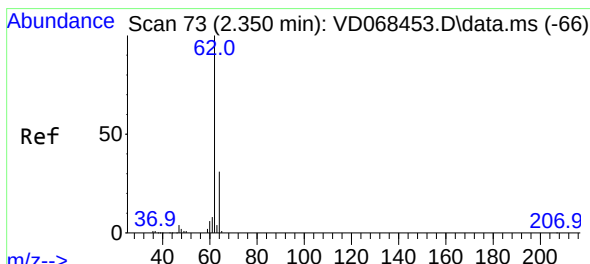
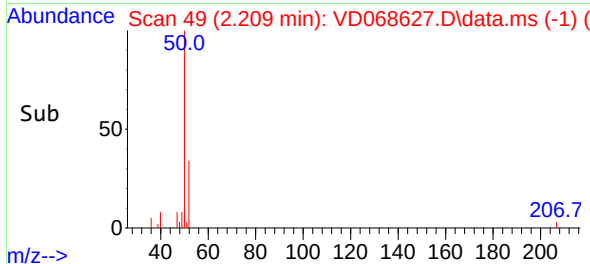
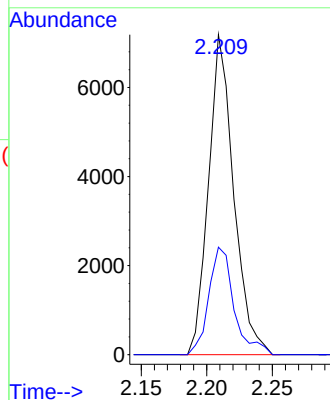
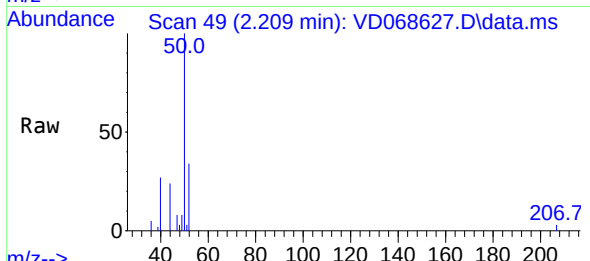
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Abundance Scan 49 (2.208 min): VD068453.D\data.ms (-42)



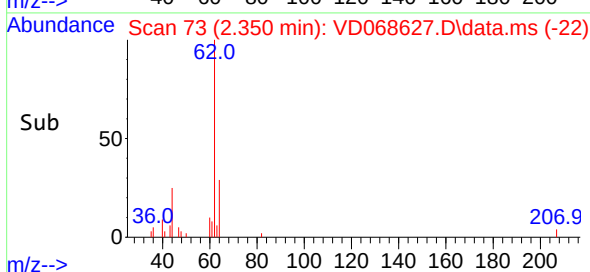
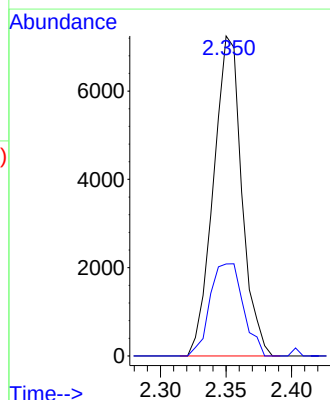
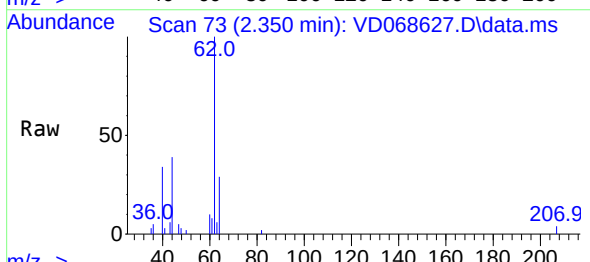
#3
Chloromethane
Concen: 3.13 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.001 min
Lab File: VD068627.D
Acq: 16 Mar 2021 13:06

Tgt Ion: 50 Resp: 9603
Ion Ratio Lower Upper
50 100
52 33.6 25.4 38.2



#4
Vinyl Chloride
Concen: 2.99 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.001 min
Lab File: VD068627.D
Acq: 16 Mar 2021 13:06

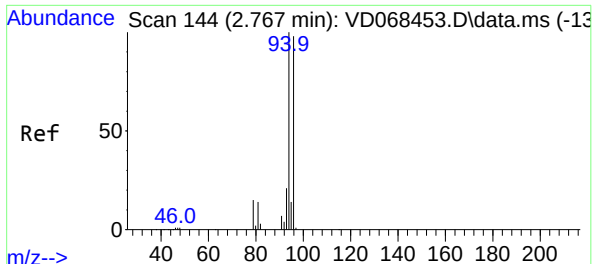
Tgt Ion: 62 Resp: 10902
Ion Ratio Lower Upper
62 100
64 28.8 25.4 38.2



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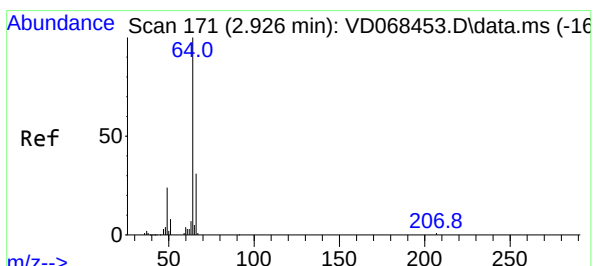
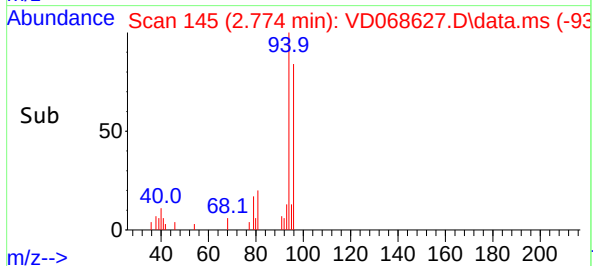
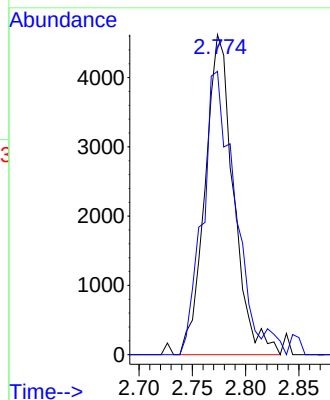
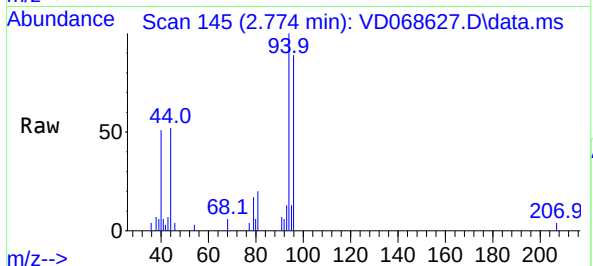
#5
Bromomethane
Concen: 3.32 ug/l
RT: 2.774 min Scan# 145
Delta R.T. 0.006 min
Lab File: VD068627.D
Acq: 16 Mar 2021 13:06

Tgt Ion: 94 Resp: 8610
Ion Ratio Lower Upper
94 100
96 88.6 75.8 113.8

Instrument :
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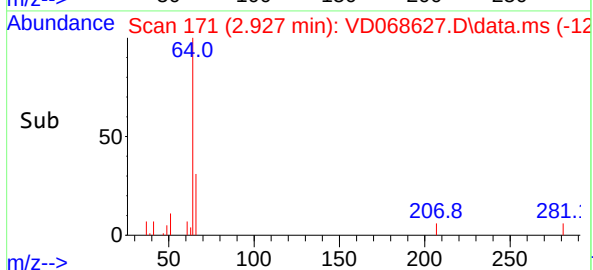
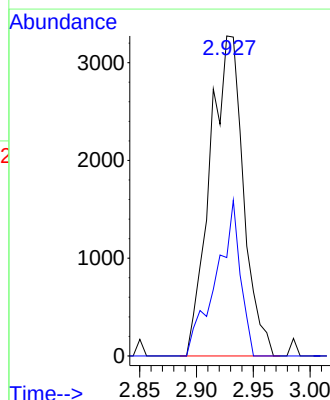
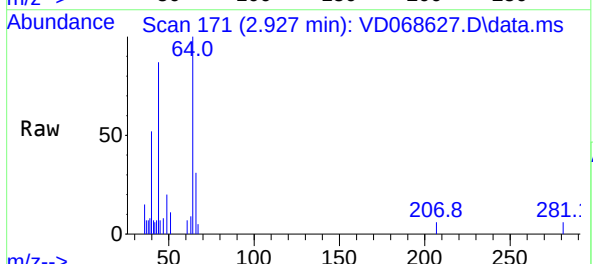
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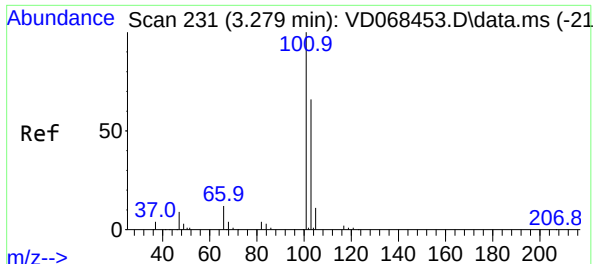
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#6
Chloroethane
Concen: 2.85 ug/l
RT: 2.927 min Scan# 171
Delta R.T. 0.001 min
Lab File: VD068627.D
Acq: 16 Mar 2021 13:06

Tgt Ion: 64 Resp: 6704
Ion Ratio Lower Upper
64 100
66 30.8 25.1 37.7





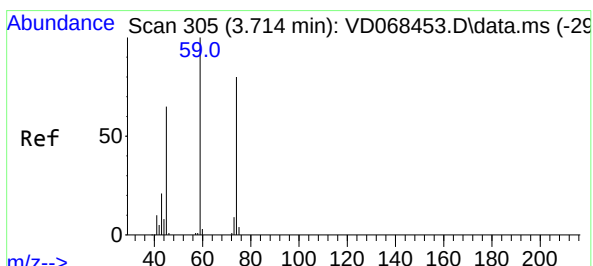
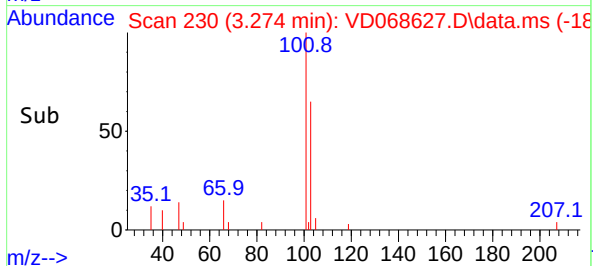
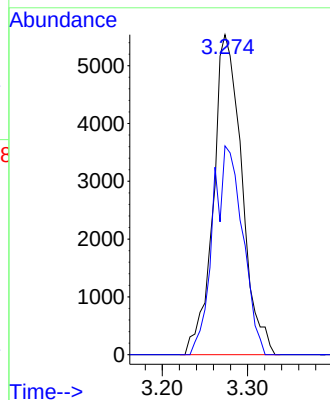
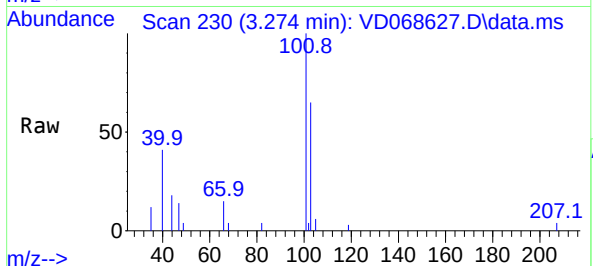
#7
Trichlorofluoromethane
Concen: 3.10 ug/l
RT: 3.274 min Scan# 230
Delta R.T. -0.005 min
Lab File: VD068627.D
Acq: 16 Mar 2021 13:06

Tgt Ion: 101 Resp: 12859
Ion Ratio Lower Upper
101 100
103 65.3 52.0 78.0

Instrument :
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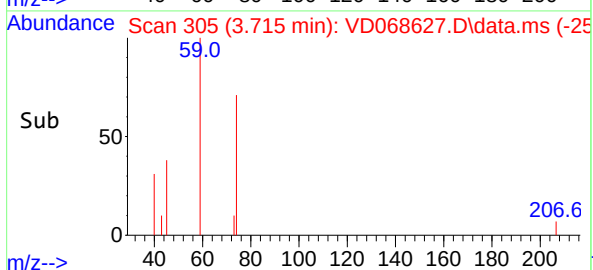
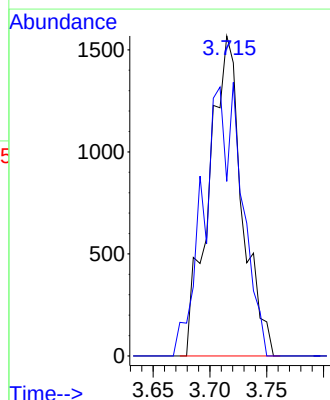
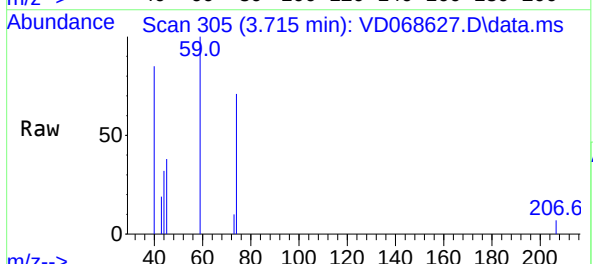
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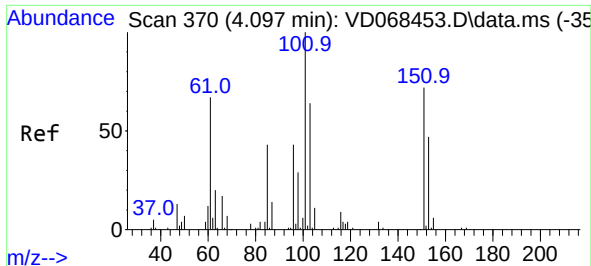
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#8
Diethyl Ether
Concen: 2.58 ug/l
RT: 3.715 min Scan# 305
Delta R.T. 0.001 min
Lab File: VD068627.D
Acq: 16 Mar 2021 13:06

Tgt Ion: 74 Resp: 3192
Ion Ratio Lower Upper
74 100
45 98.0 42.1 126.4





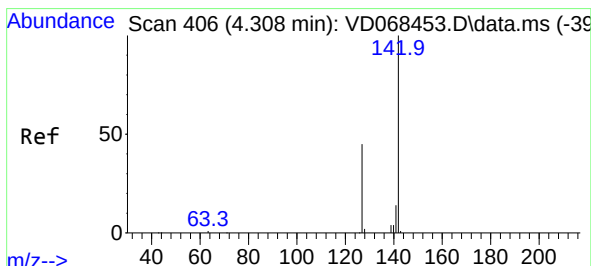
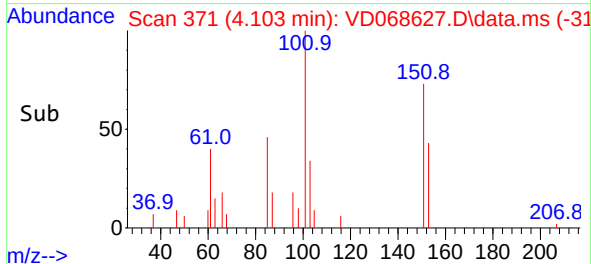
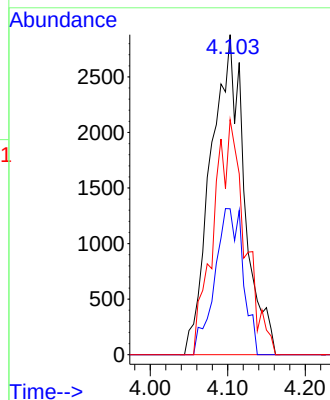
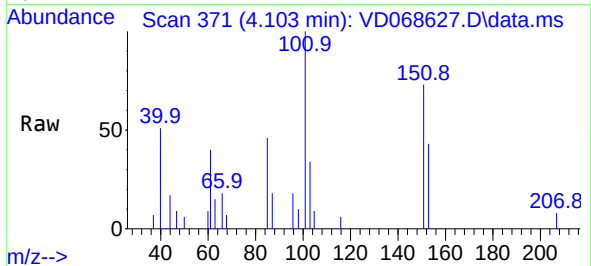
#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.42 ug/l
RT: 4.103 min Scan# 371
Delta R.T. 0.006 min
Lab File: VD068627.D
Acq: 16 Mar 2021 13:06

Tgt Ion:	101	Resp:	8656
Ion Ratio	Lower	Upper	
101	100		
85	38.5	34.0	51.0
151	69.3	64.1	96.1

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

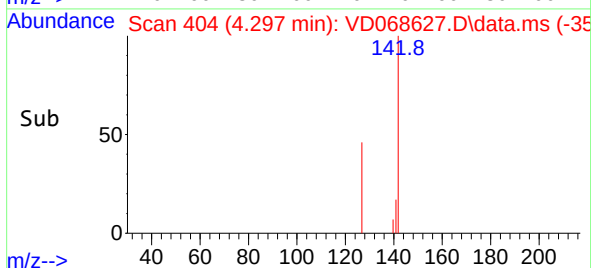
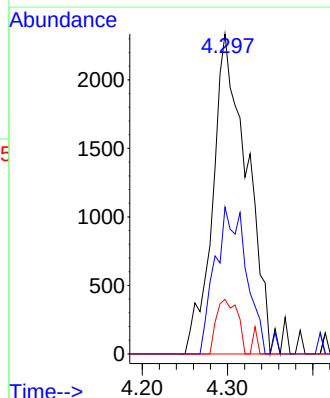
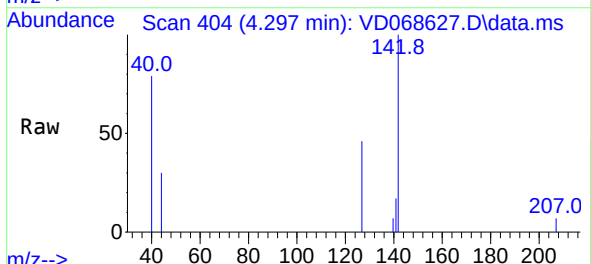
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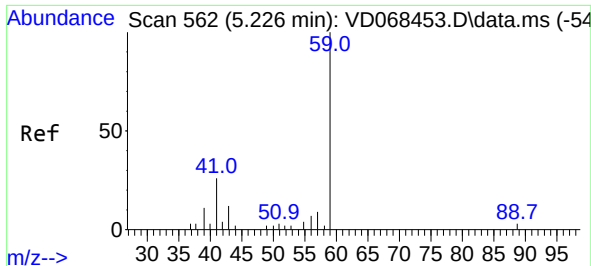
MMDadoda
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#10
Methyl Iodide
Concen: 2.43 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.011 min
Lab File: VD068627.D
Acq: 16 Mar 2021 13:06

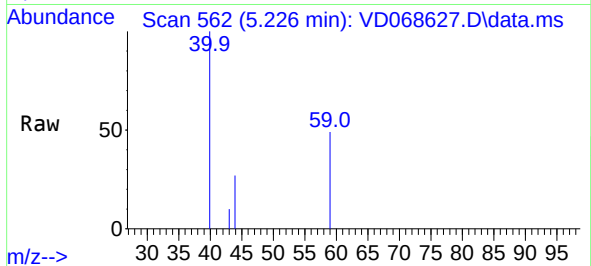
Tgt Ion:	142	Resp:	6538
Ion Ratio	Lower	Upper	
142	100		
127	41.5	37.9	56.9
141	10.5	11.5	17.3





#11
Tert butyl alcohol
Concen: 12.71 ug/l
RT: 5.226 min Scan# 562
Delta R.T. 0.001 min
Lab File: VD068627.D
Acq: 16 Mar 2021 13:06

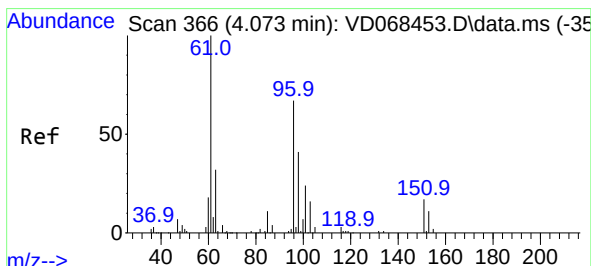
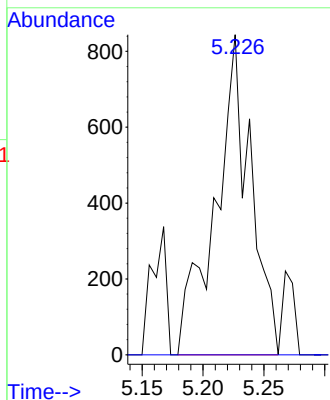
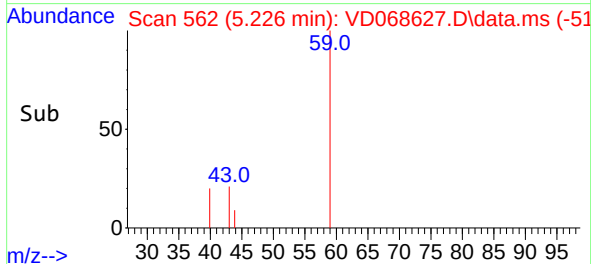
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



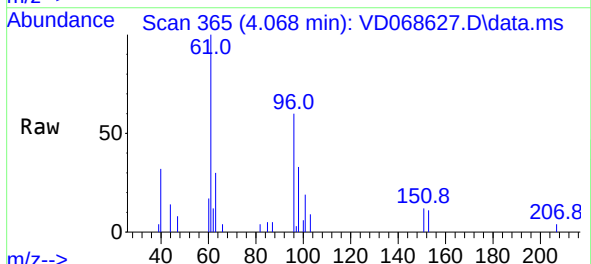
Tgt Ion: 59 Resp: 1695
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

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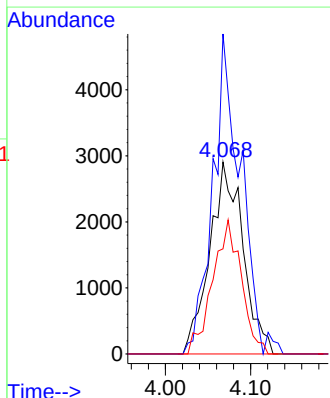
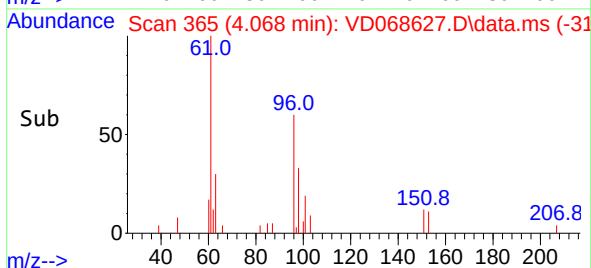
MMDadoda
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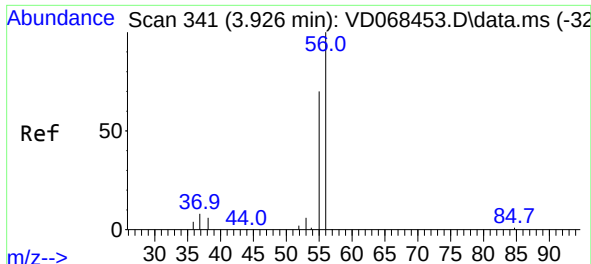


#12
1,1-Dichloroethene
Concen: 3.12 ug/l
RT: 4.068 min Scan# 365
Delta R.T. -0.005 min
Lab File: VD068627.D
Acq: 16 Mar 2021 13:06



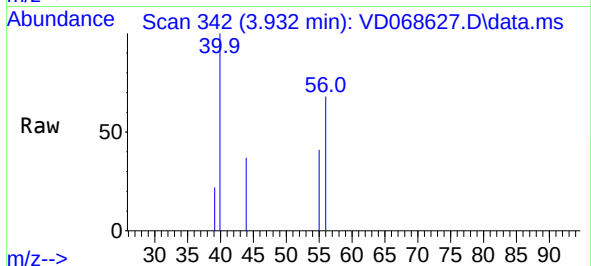
Tgt Ion: 96 Resp: 7844
Ion Ratio Lower Upper
96 100
61 166.8 116.2 174.4
98 54.8 48.6 73.0





#13
Acrolein
Concen: 10.35 ug/l
RT: 3.932 min Scan# 342
Delta R.T. 0.006 min
Lab File: VD068627.D
Acq: 16 Mar 2021 13:06

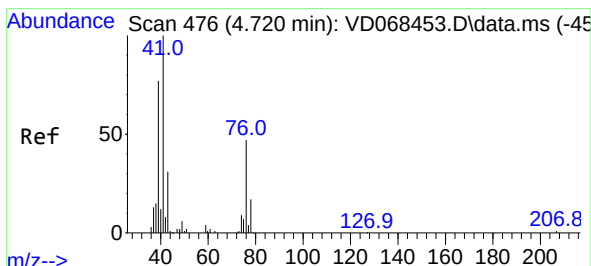
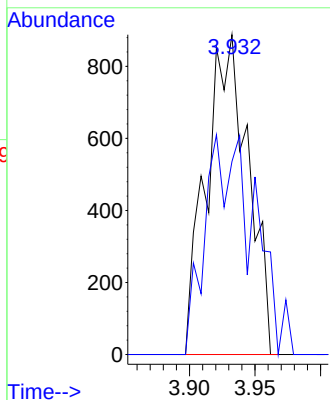
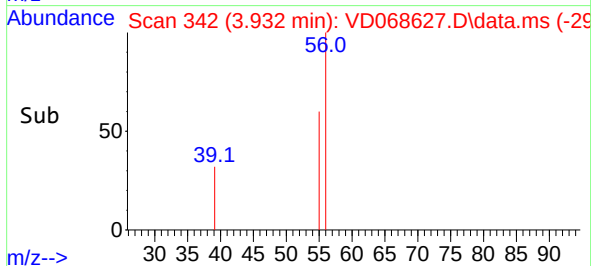
Instrument :
MSVOA_D
ClientSampleId :
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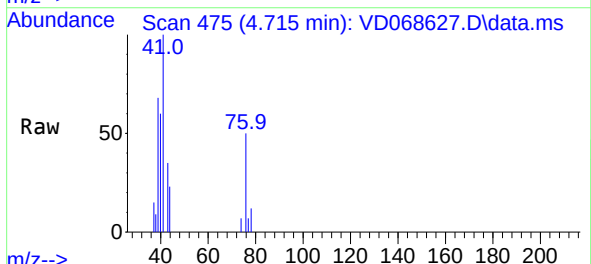
Tgt Ion: 56 Resp: 1973
Ion Ratio Lower Upper
56 100
55 80.8 56.5 84.7

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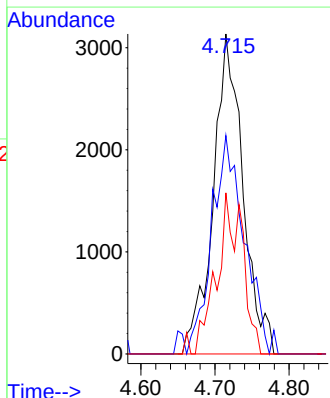
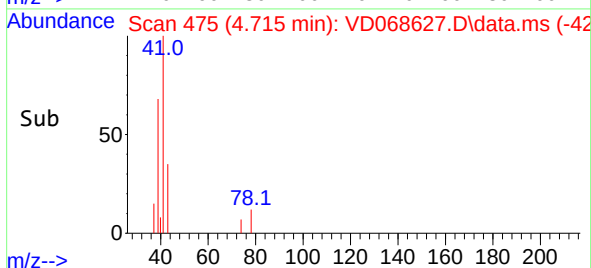
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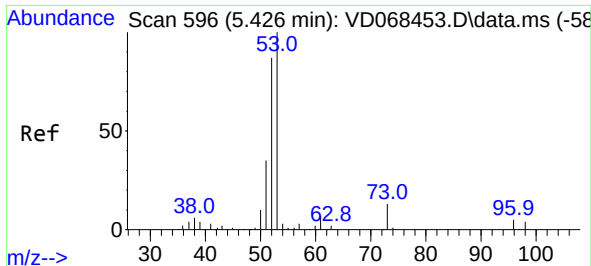


#14
Allyl chloride
Concen: 2.70 ug/l
RT: 4.715 min Scan# 475
Delta R.T. -0.005 min
Lab File: VD068627.D
Acq: 16 Mar 2021 13:06

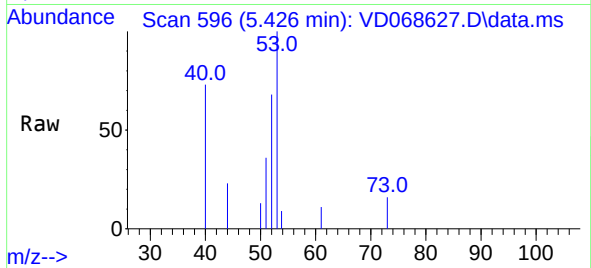


Tgt Ion: 41 Resp: 8747
Ion Ratio Lower Upper
41 100
39 74.1 56.3 84.5
76 28.8 38.9 58.3#

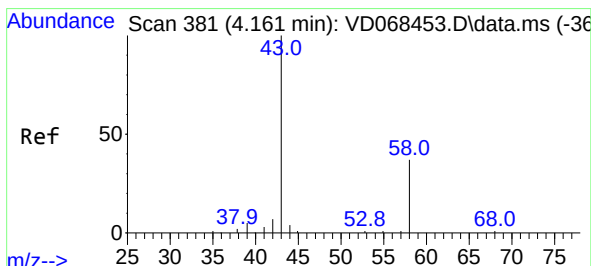
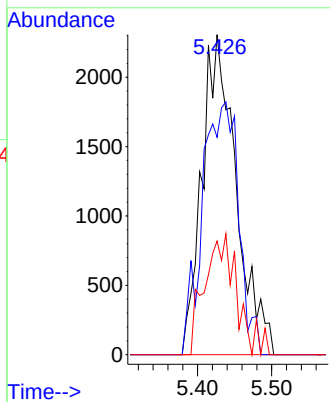
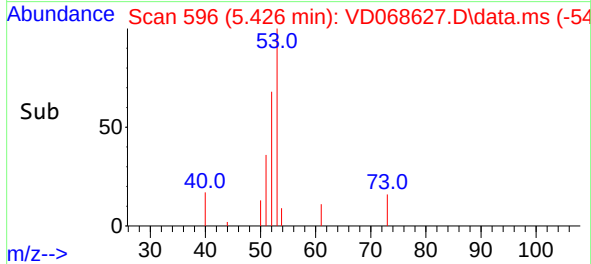




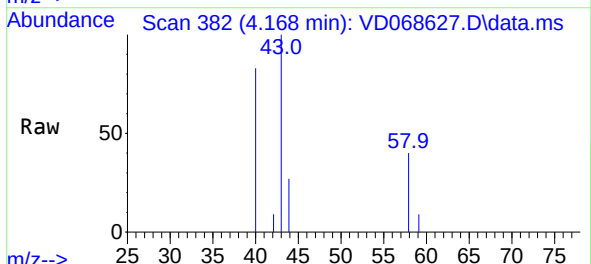
#15
Acrylonitrile
Concen: 14.17 ug/l
RT: 5.426 min Scan# 596
Delta R.T. 0.001 min
Lab File: VD068627.D
Acq: 16 Mar 2021 13:06



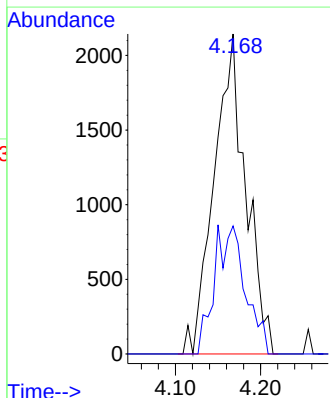
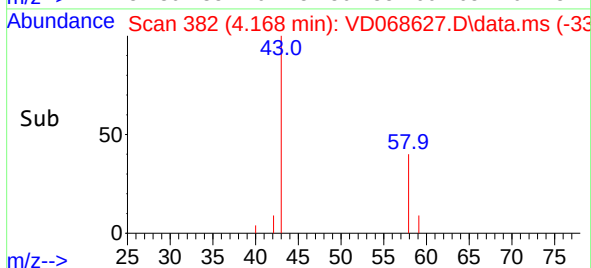
Tgt Ion: 53 Resp: 7398
Ion Ratio Lower Upper
53 100
52 83.7 66.2 99.2
51 33.4 29.0 43.4



#16
Acetone
Concen: 13.98 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD068627.D
Acq: 16 Mar 2021 13:06



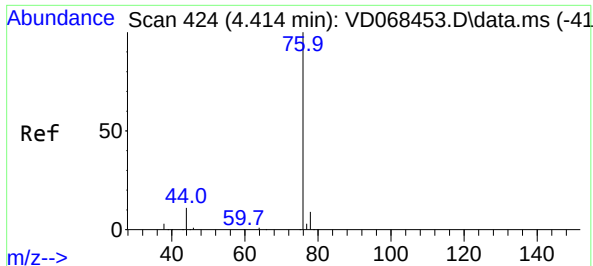
Tgt Ion: 43 Resp: 5548
Ion Ratio Lower Upper
43 100
58 40.0 24.2 36.4#



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

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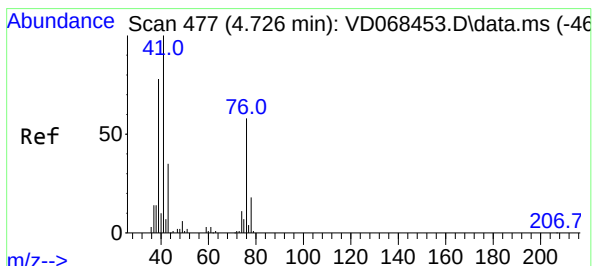
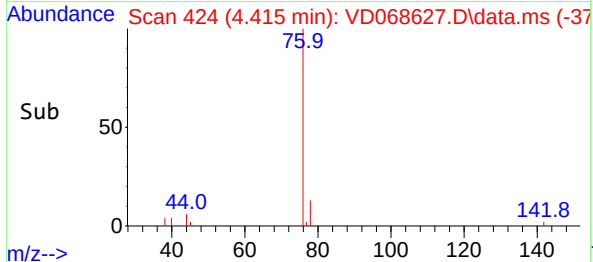
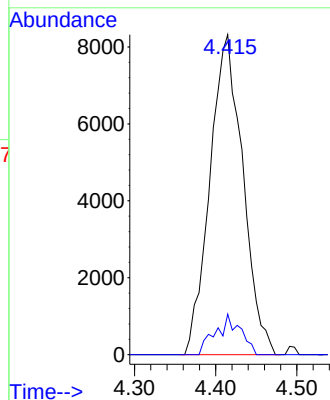
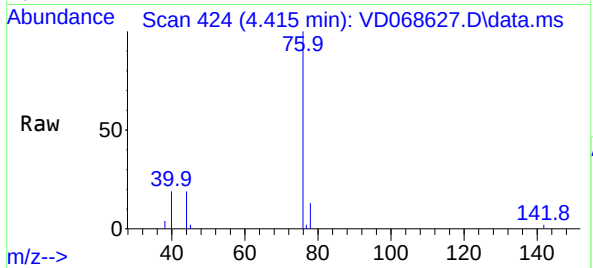
#17
Carbon Disulfide
Concen: 2.85 ug/l
RT: 4.415 min Scan# 424
Delta R.T. 0.001 min
Lab File: VD068627.D
Acq: 16 Mar 2021 13:06

Tgt Ion: 76 Resp: 23445
Ion Ratio Lower Upper
76 100
78 12.7 7.3 10.9#

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

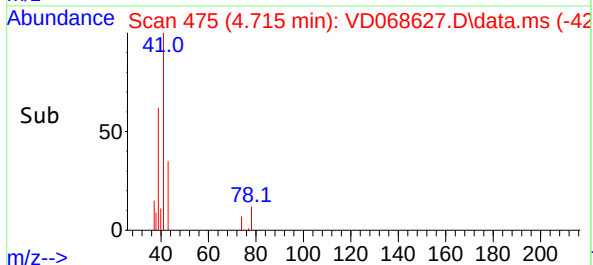
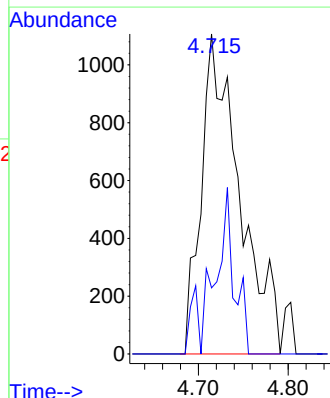
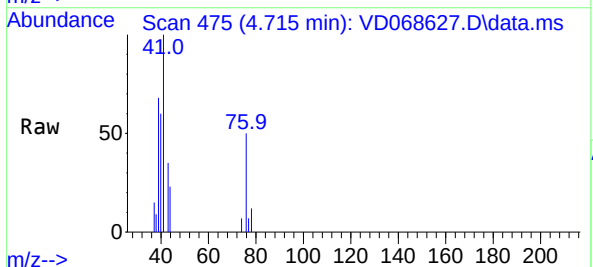
Manual Integrations
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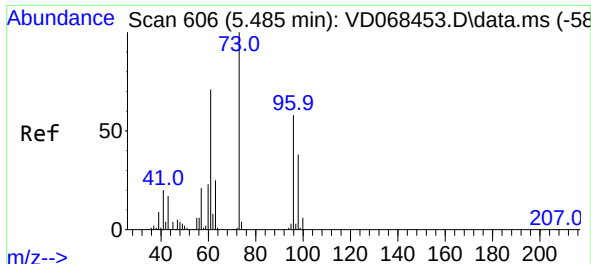
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#18
Methyl Acetate
Concen: 3.22 ug/l
RT: 4.715 min Scan# 475
Delta R.T. -0.011 min
Lab File: VD068627.D
Acq: 16 Mar 2021 13:06

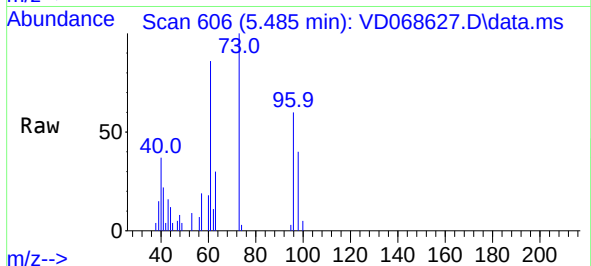
Tgt Ion: 43 Resp: 3289
Ion Ratio Lower Upper
43 100
74 24.7 25.4 38.0#





#19
Methyl tert-butyl Ether
Concen: 2.94 ug/l m
RT: 5.485 min Scan# 606
Delta R.T. 0.001 min
Lab File: VD068627.D
Acq: 16 Mar 2021 13:06

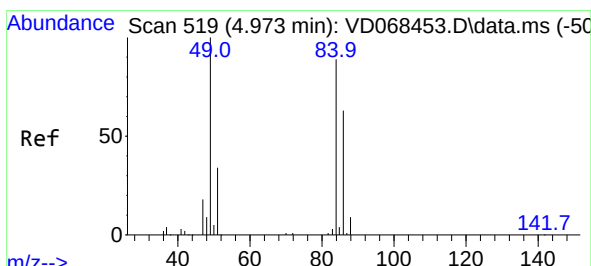
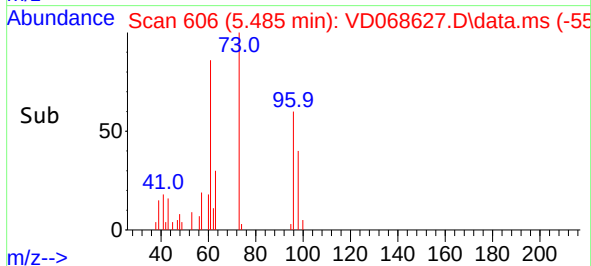
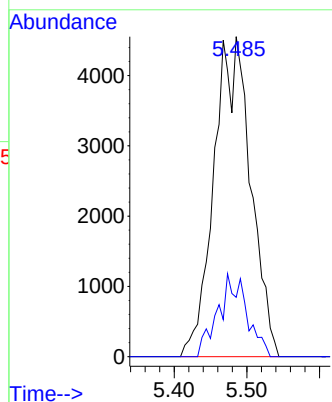
Instrument :
MSVOA_D
ClientSampleId :
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Tgt Ion: 73 Resp: 16030
Ion Ratio Lower Upper
73 100
57 18.5 14.4 21.6

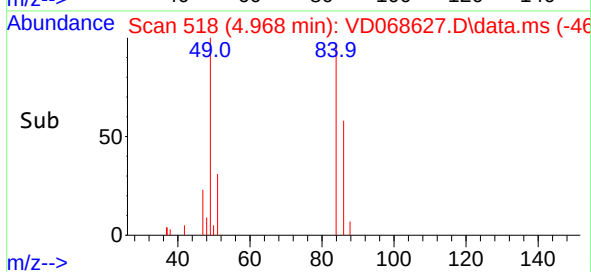
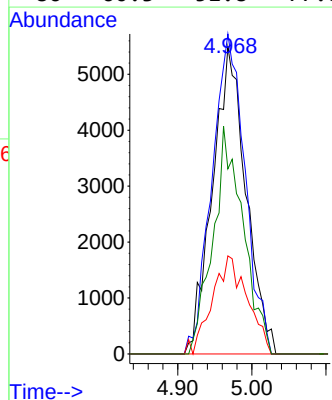
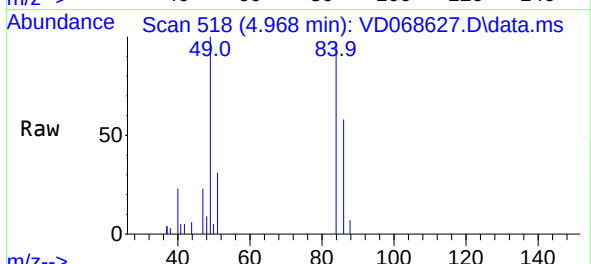
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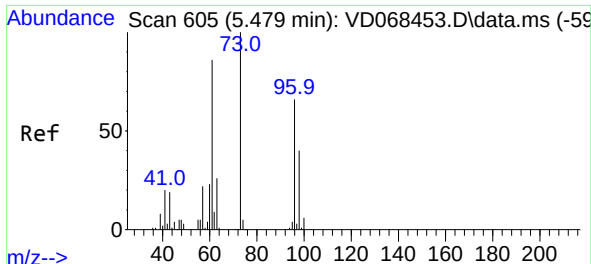
MMDadoda
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#20
Methylene Chloride
Concen: 5.12 ug/l
RT: 4.968 min Scan# 518
Delta R.T. -0.005 min
Lab File: VD068627.D
Acq: 16 Mar 2021 13:06

Tgt Ion: 84 Resp: 17244
Ion Ratio Lower Upper
84 100
49 104.2 77.4 116.2
51 31.9 26.1 39.1
86 60.3 51.8 77.8





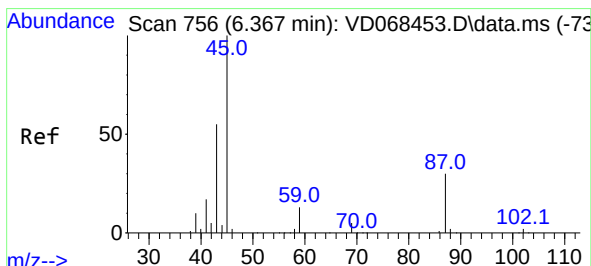
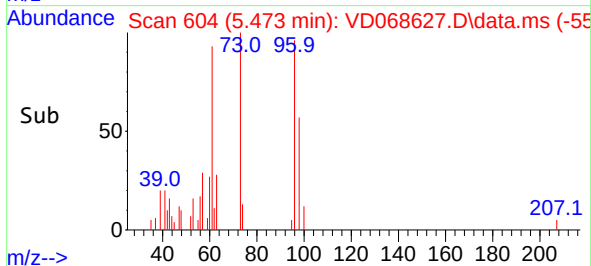
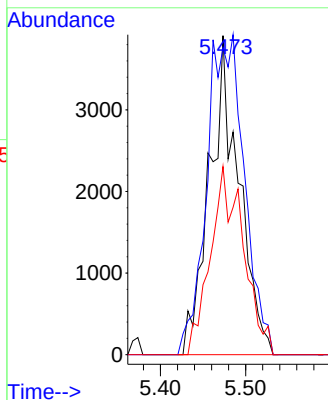
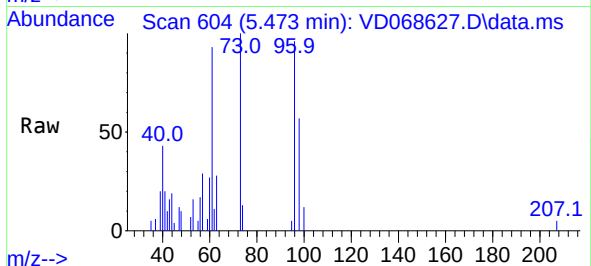
#21
trans-1,2-Dichloroethene
Concen: 3.13 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.005 min
Lab File: VD068627.D
Acq: 16 Mar 2021 13:06

Tgt Ion: 96 Resp: 9370
Ion Ratio Lower Upper
96 100
61 96.3 96.7 145.1#
98 59.0 47.6 71.4

Instrument :
MSVOA_D
ClientSampleId :
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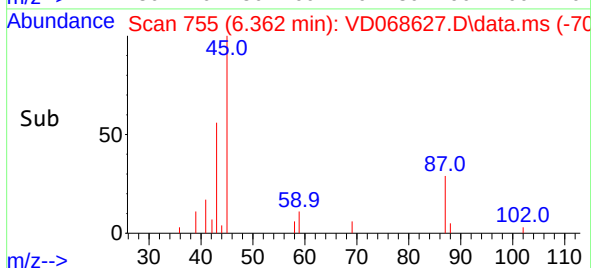
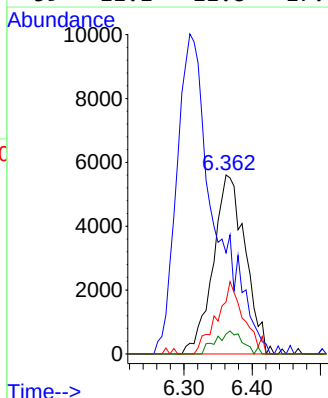
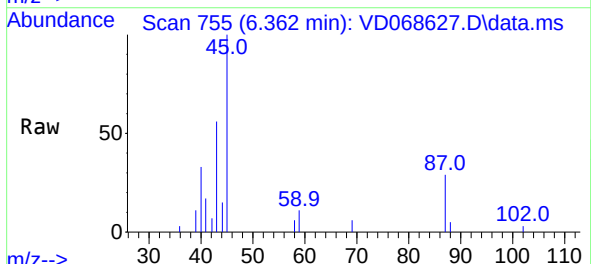
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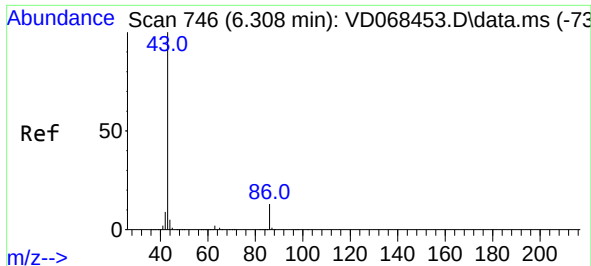
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#22
Diisopropyl ether
Concen: 2.57 ug/l
RT: 6.362 min Scan# 755
Delta R.T. -0.005 min
Lab File: VD068627.D
Acq: 16 Mar 2021 13:06

Tgt Ion: 45 Resp: 18375
Ion Ratio Lower Upper
45 100
43 52.0 43.9 65.9
87 28.9 29.9 44.9#
59 11.1 11.8 17.8#





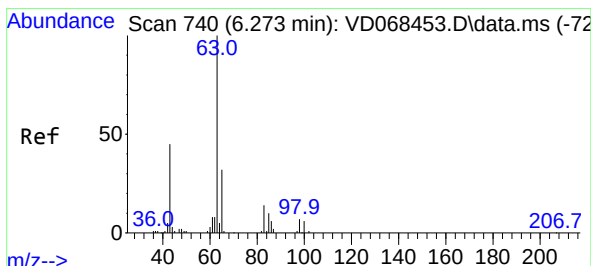
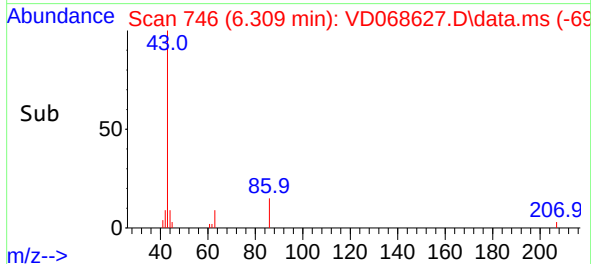
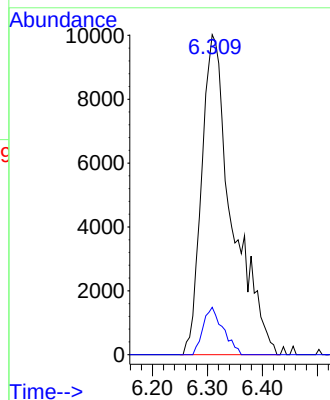
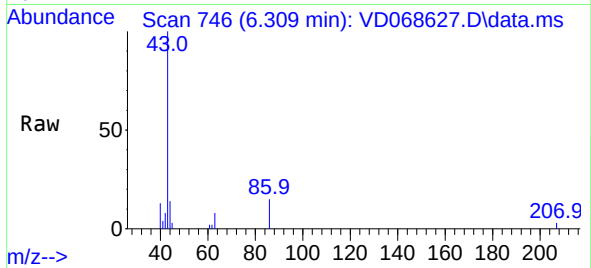
#23
 Vinyl Acetate
 Concen: 10.44 ug/l
 RT: 6.309 min Scan# 746
 Delta R.T. 0.001 min
 Lab File: VD068627.D
 Acq: 16 Mar 2021 13:06

Tgt Ion: 43 Resp: 38666
 Ion Ratio Lower Upper
 43 100
 86 14.8 10.8 16.2

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

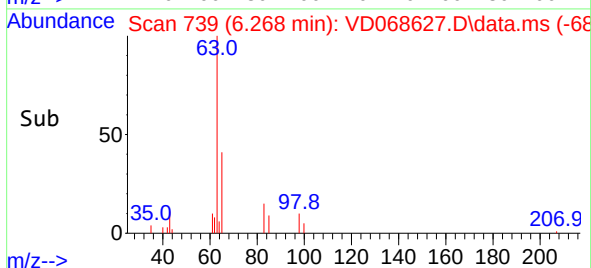
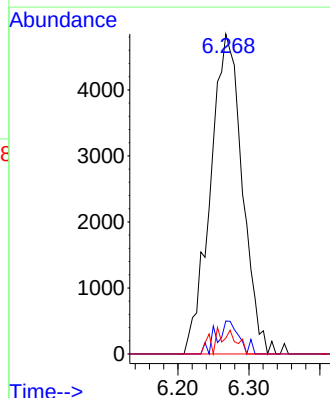
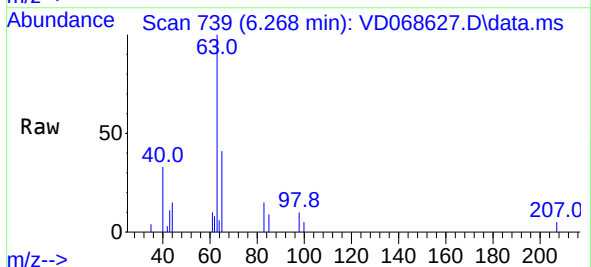
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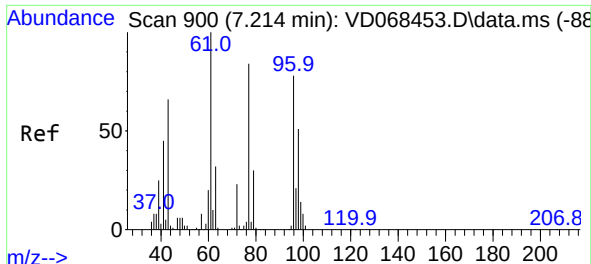
MMDadoda
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#24
 1,1-Dichloroethane
 Concen: 3.09 ug/l
 RT: 6.268 min Scan# 739
 Delta R.T. -0.005 min
 Lab File: VD068627.D
 Acq: 16 Mar 2021 13:06

Tgt Ion: 63 Resp: 15112
 Ion Ratio Lower Upper
 63 100
 98 10.3 3.8 11.4
 100 5.0 2.6 8.0





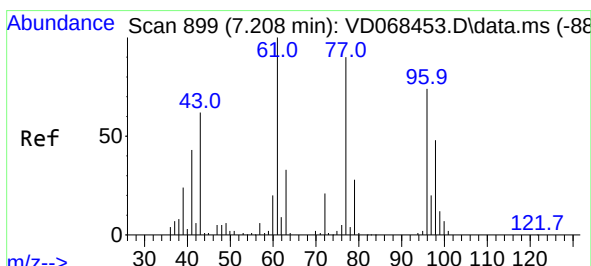
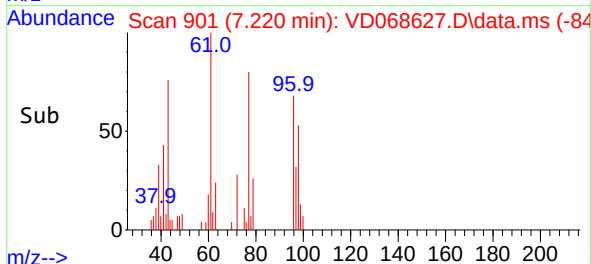
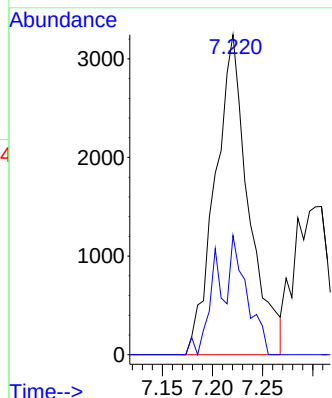
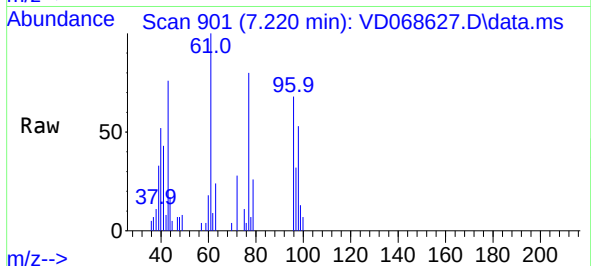
#25
2-Butanone
Concen: 13.16 ug/l
RT: 7.220 min Scan# 901
Delta R.T. 0.006 min
Lab File: VD068627.D
Acq: 16 Mar 2021 13:06

Tgt Ion: 43 Resp: 7509
Ion Ratio Lower Upper
43 100
72 37.3 25.1 37.7

Instrument :
MSVOA_D
ClientSampleId :
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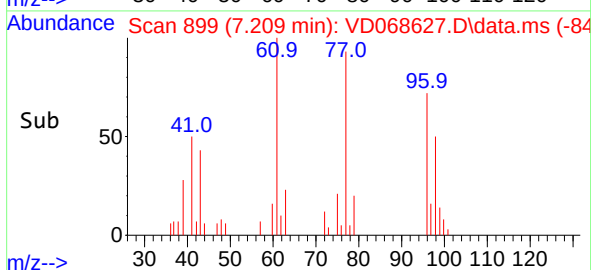
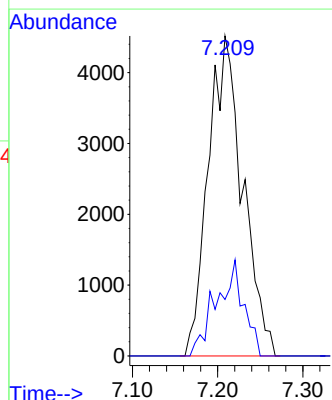
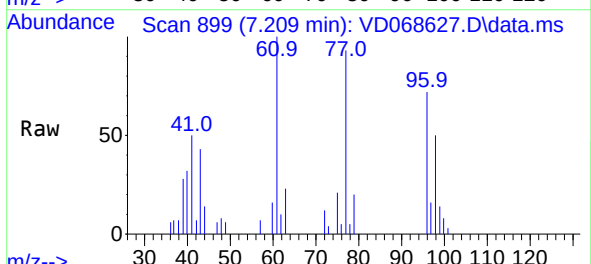
Manual Integrations
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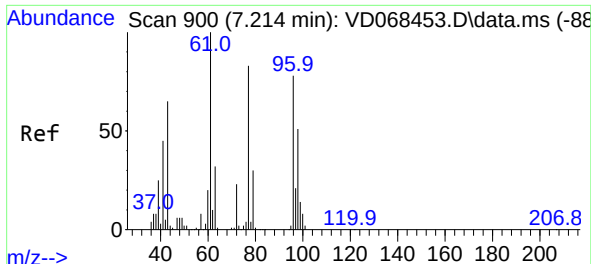
MMDadoda
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#26
2,2-Dichloropropane
Concen: 3.12 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.001 min
Lab File: VD068627.D
Acq: 16 Mar 2021 13:06

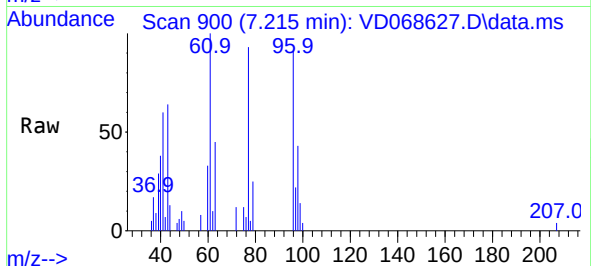
Tgt Ion: 77 Resp: 12704
Ion Ratio Lower Upper
77 100
97 23.6 11.7 35.1





#27
cis-1,2-Dichloroethene
Concen: 2.99 ug/l
RT: 7.215 min Scan# 900
Delta R.T. 0.001 min
Lab File: VD068627.D
Acq: 16 Mar 2021 13:06

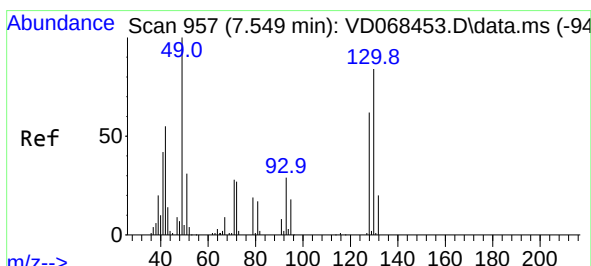
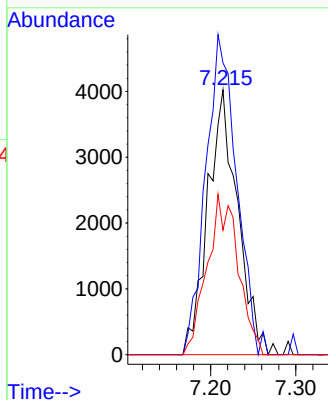
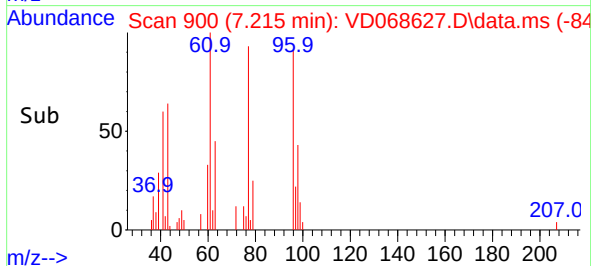
Instrument :
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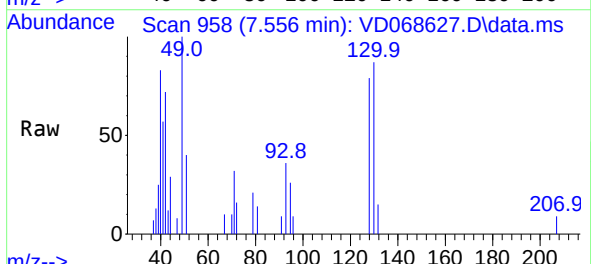
Tgt Ion: 96 Resp: 9849
Ion Ratio Lower Upper
96 100
61 124.3 0.0 257.4
98 62.6 0.0 126.6

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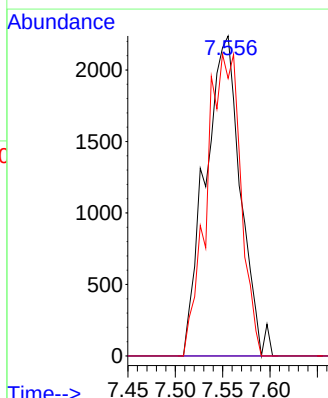
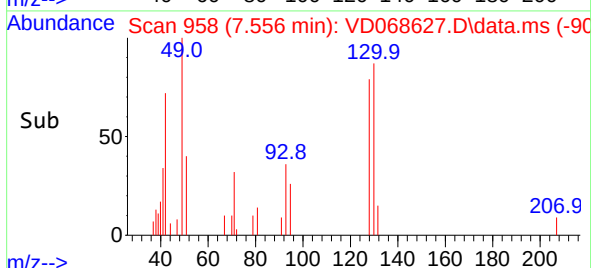
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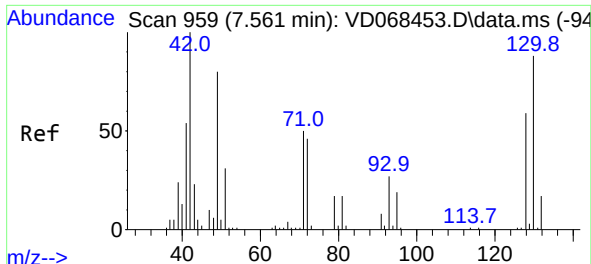


#28
Bromochloromethane
Concen: 3.03 ug/l
RT: 7.556 min Scan# 958
Delta R.T. 0.006 min
Lab File: VD068627.D
Acq: 16 Mar 2021 13:06



Tgt Ion: 49 Resp: 5781
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.8
130 91.5 85.5 128.3





#29
Tetrahydrofuran
Concen: 12.82 ug/l
RT: 7.567 min Scan# 960
Delta R.T. 0.006 min
Lab File: VD068627.D
Acq: 16 Mar 2021 13:06

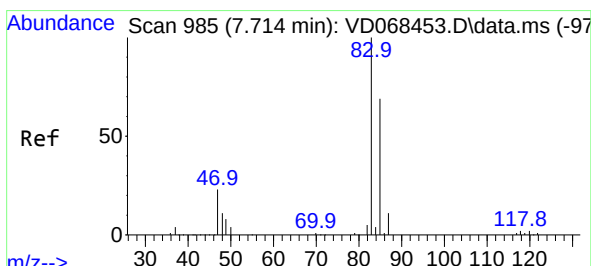
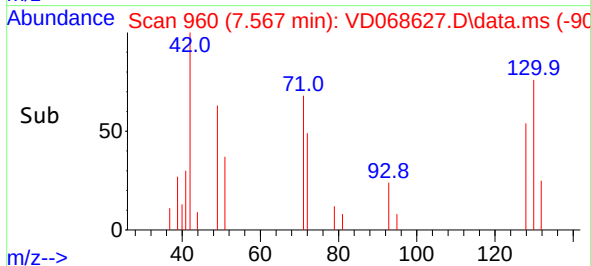
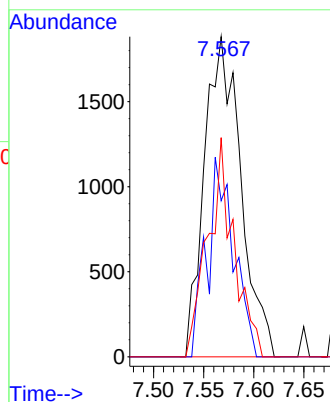
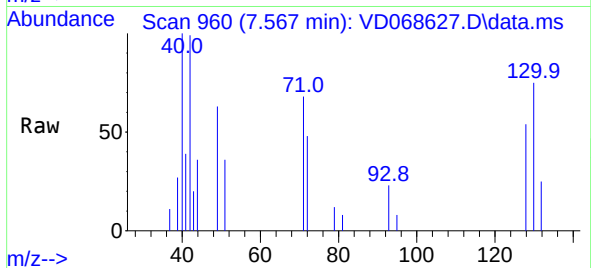
Tgt Ion: 42 Resp: 4747

Ion	Ratio	Lower	Upper
42	100		
72	46.0	43.4	65.0
71	48.9	40.8	61.2

Instrument :
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ClientSampleId :
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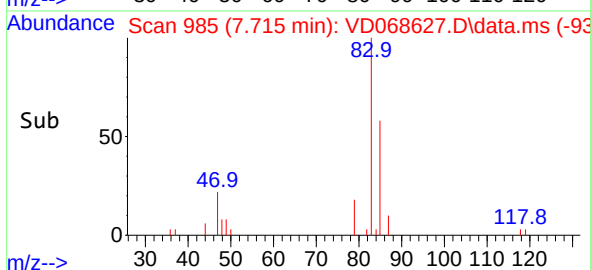
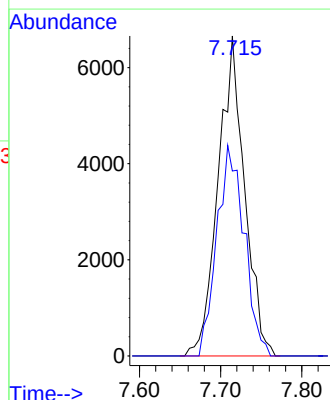
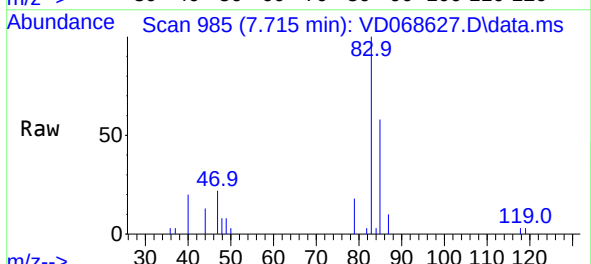
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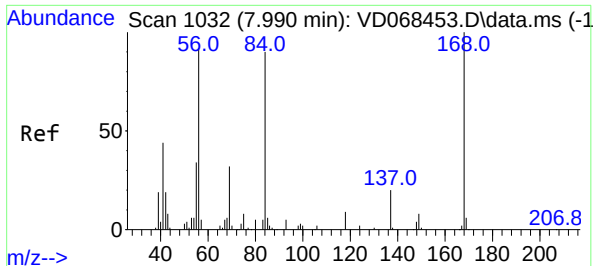


#30
Chloroform
Concen: 2.91 ug/l
RT: 7.715 min Scan# 985
Delta R.T. 0.001 min
Lab File: VD068627.D
Acq: 16 Mar 2021 13:06

Tgt Ion: 83 Resp: 15055

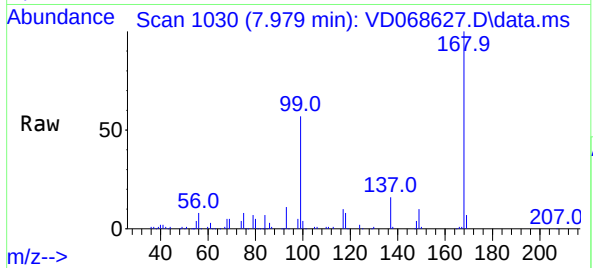
Ion	Ratio	Lower	Upper
83	100		
85	57.8	53.4	80.0





#31
Cyclohexane
Concen: 3.84 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.011 min
Lab File: VD068627.D
Acq: 16 Mar 2021 13:06

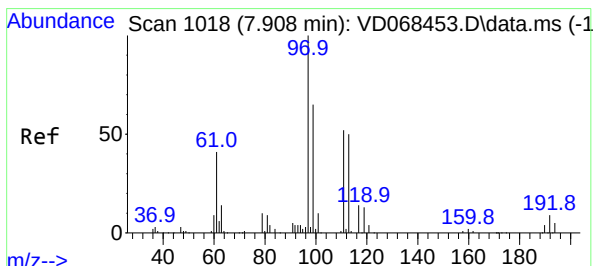
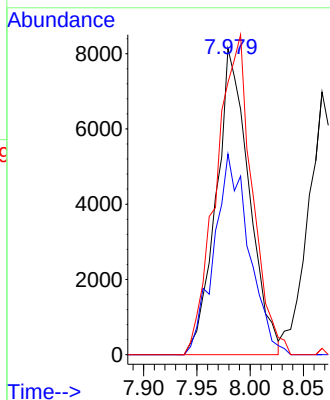
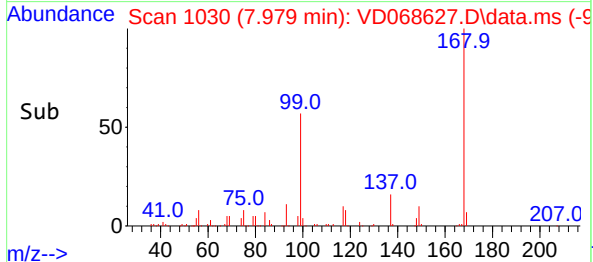
Instrument :
MSVOA_D
ClientSampleId :
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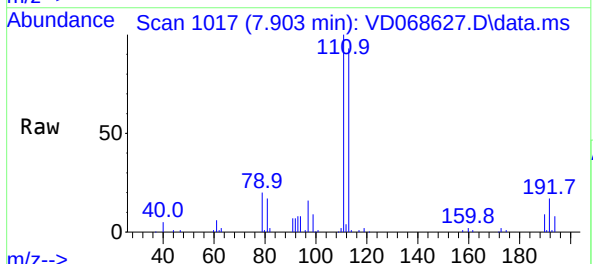
Tgt Ion: 56 Resp: 17467
Ion Ratio Lower Upper
56 100
69 65.5 30.1 45.1#
84 92.7 82.1 123.1

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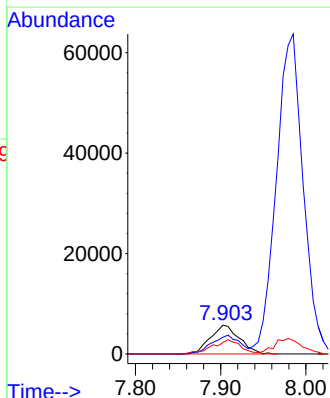
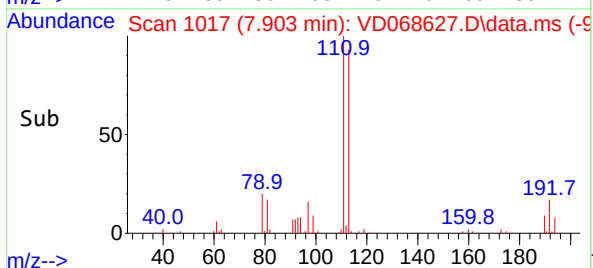
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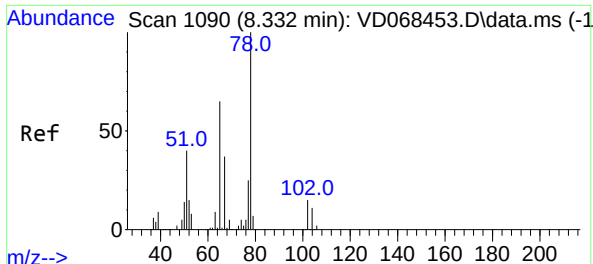


#32
1,1,1-Trichloroethane
Concen: 3.07 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. -0.005 min
Lab File: VD068627.D
Acq: 16 Mar 2021 13:06



Tgt Ion: 97 Resp: 13534
Ion Ratio Lower Upper
97 100
99 62.6 52.1 78.1
61 47.7 30.1 45.1#





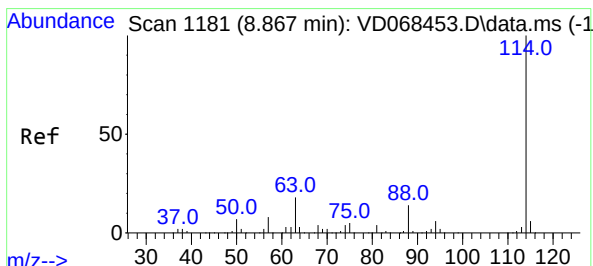
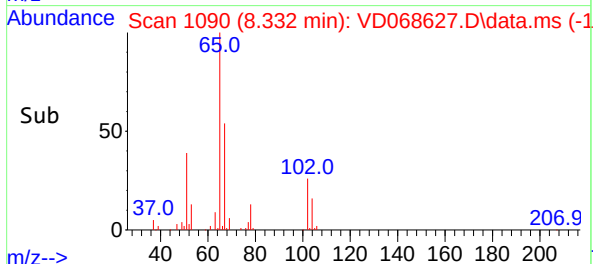
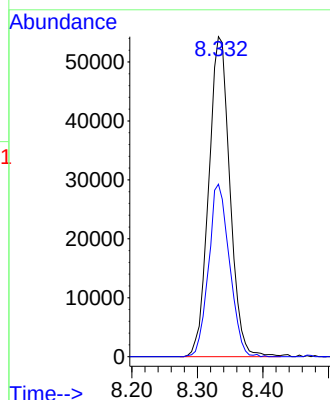
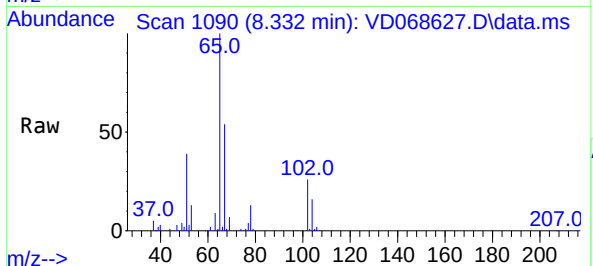
#33
1,2-Dichloroethane-d4
Concen: 48.75 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.001 min
Lab File: VD068627.D
Acq: 16 Mar 2021 13:06

Tgt Ion: 65 Resp: 121774
Ion Ratio Lower Upper
65 100
67 53.2 0.0 105.0

Instrument :
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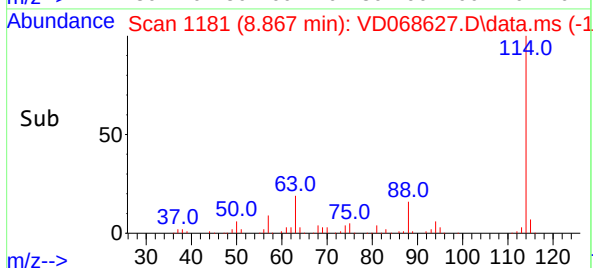
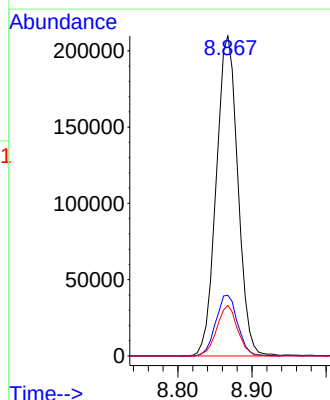
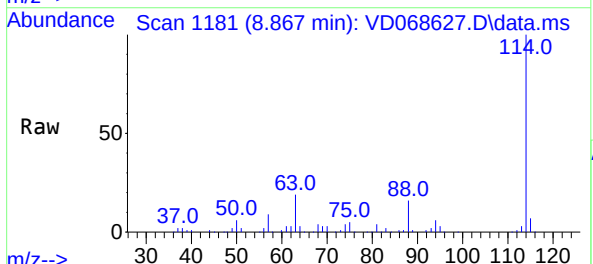
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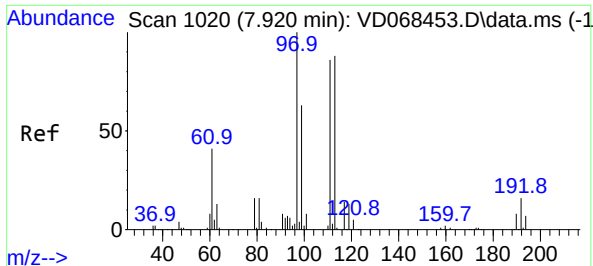
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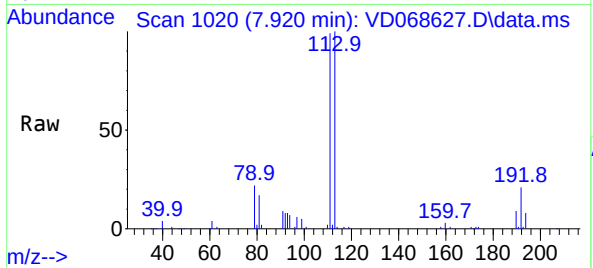
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.001 min
Lab File: VD068627.D
Acq: 16 Mar 2021 13:06

Tgt Ion: 114 Resp: 424836
Ion Ratio Lower Upper
114 100
63 19.0 0.0 34.8
88 15.8 0.0 31.6

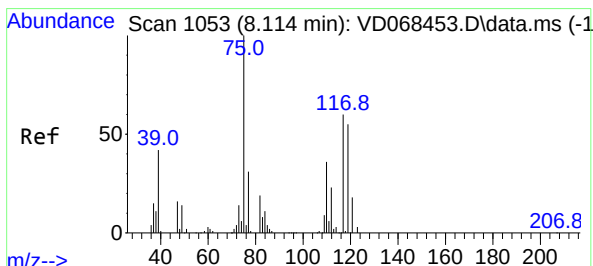
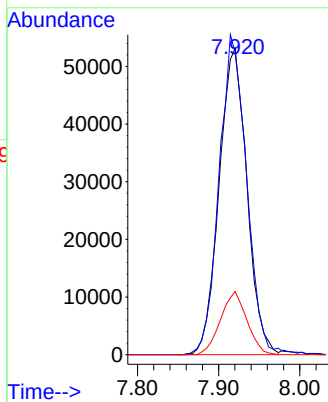
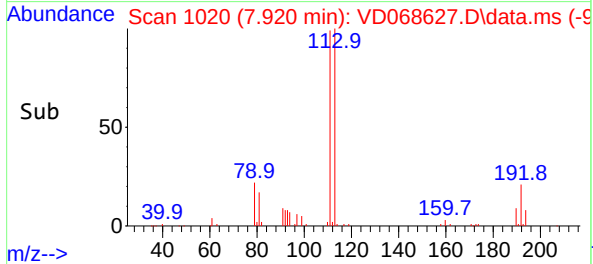




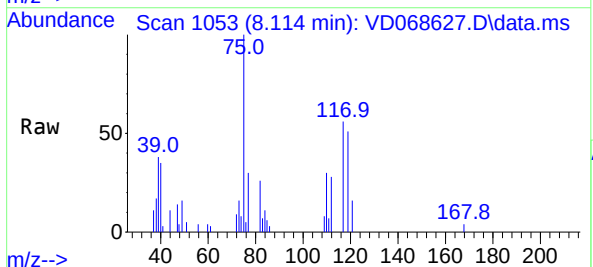
#35
Dibromofluoromethane
Concen: 49.41 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.001 min
Lab File: VD068627.D
Acq: 16 Mar 2021 13:06



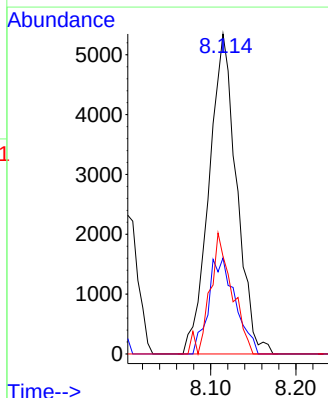
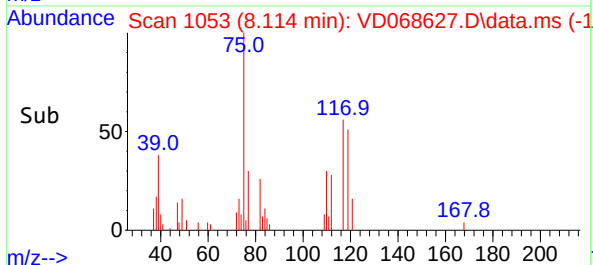
Tgt Ion:113 Resp: 126458
Ion Ratio Lower Upper
113 100
111 103.2 81.4 122.0
192 19.6 16.1 24.1



#36
1,1-Dichloropropene
Concen: 2.97 ug/l
RT: 8.114 min Scan# 1053
Delta R.T. 0.001 min
Lab File: VD068627.D
Acq: 16 Mar 2021 13:06



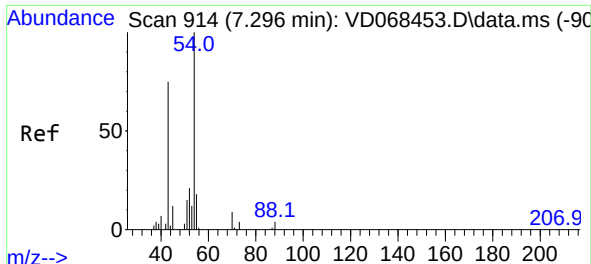
Tgt Ion: 75 Resp: 12006
Ion Ratio Lower Upper
75 100
110 29.5 19.4 58.2
77 30.4 25.3 37.9



Instrument :
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ClientSampleId :
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#37

Ethyl Acetate

Concen: 2.87 ug/l

RT: 7.309 min Scan# 916

Delta R.T. 0.012 min

Lab File: VD068627.D

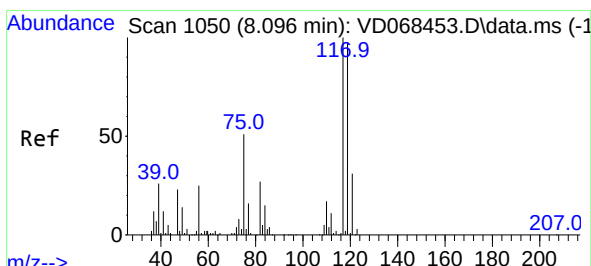
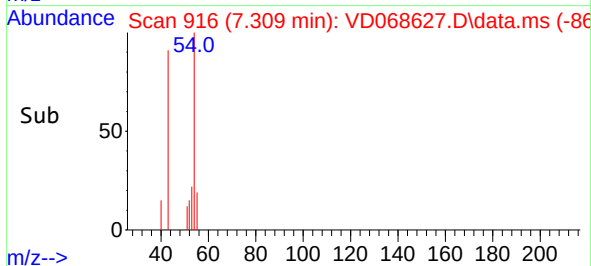
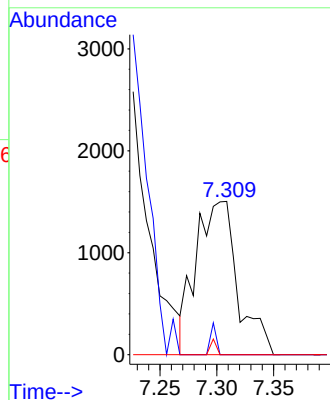
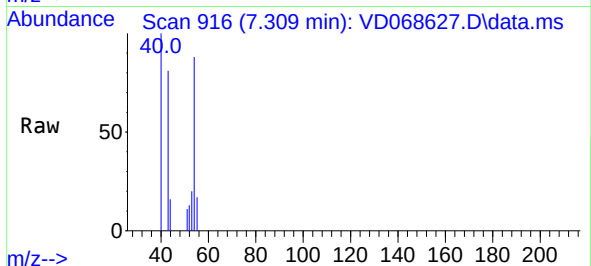
Acq: 16 Mar 2021 13:06

Tgt Ion:	43	Resp:	3852
Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.9	19.3#
70	1.4	11.0	16.6#

Instrument :
MSVOA_D
ClientSampleId :
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#38

Carbon Tetrachloride

Concen: 3.21 ug/l

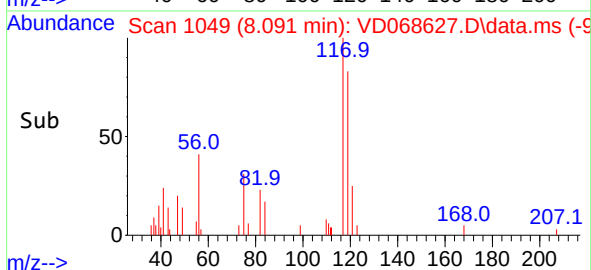
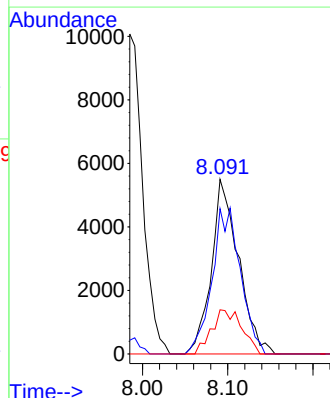
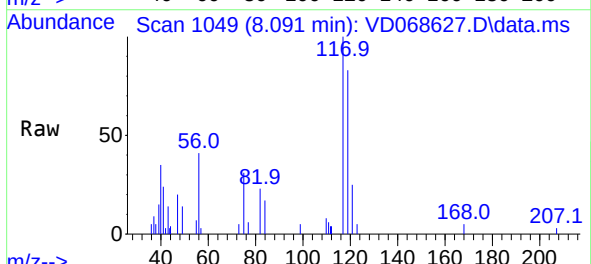
RT: 8.091 min Scan# 1049

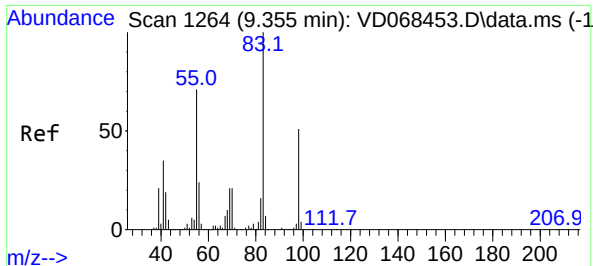
Delta R.T. -0.005 min

Lab File: VD068627.D

Acq: 16 Mar 2021 13:06

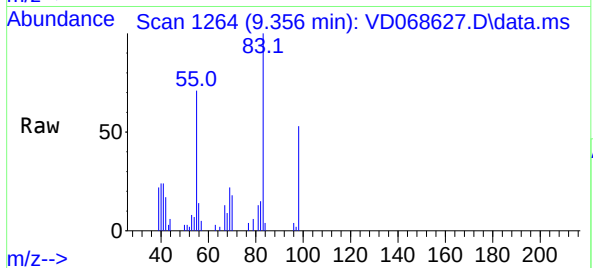
Tgt Ion:	117	Resp:	12164
Ion	Ratio	Lower	Upper
117	100		
119	83.2	77.3	115.9
121	25.3	24.7	37.1





#39
Methylcyclohexane
Concen: 3.10 ug/l
RT: 9.356 min Scan# 1264
Delta R.T. 0.001 min
Lab File: VD068627.D
Acq: 16 Mar 2021 13:06

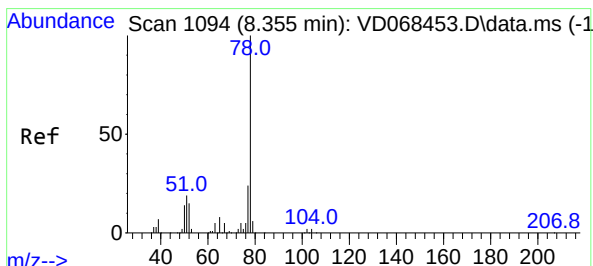
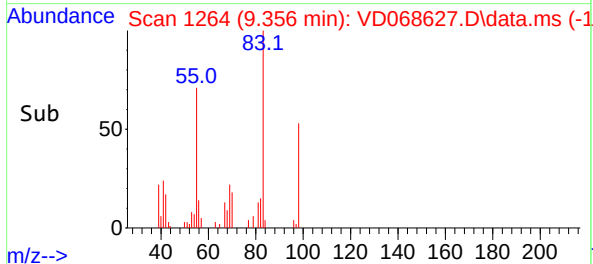
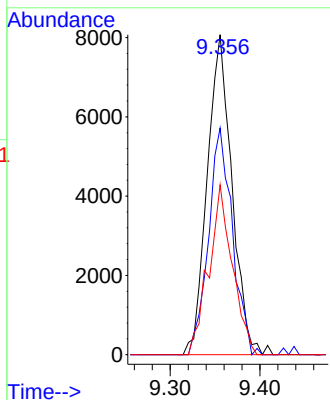
Instrument :
MSVOA_D
ClientSampleId :
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Tgt Ion: 83 Resp: 15435
Ion Ratio Lower Upper
83 100
55 70.8 55.2 82.8
98 53.1 39.1 58.7

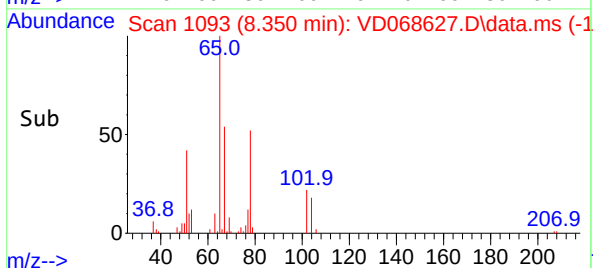
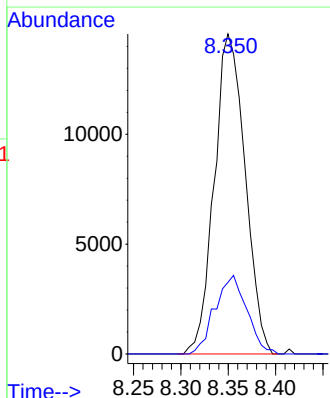
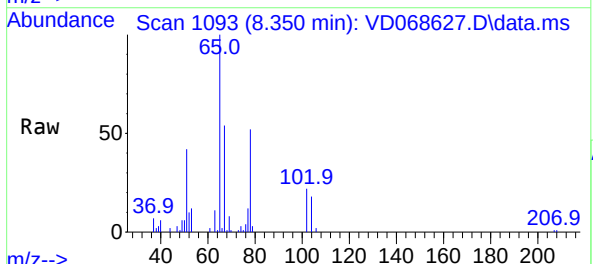
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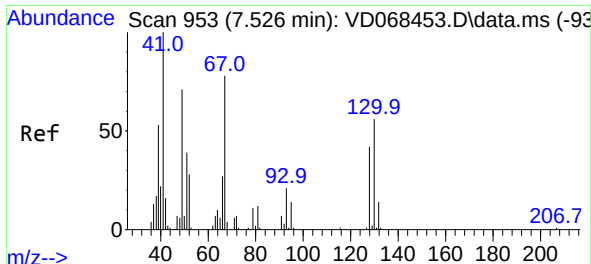
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#40
Benzene
Concen: 2.85 ug/l
RT: 8.350 min Scan# 1093
Delta R.T. -0.005 min
Lab File: VD068627.D
Acq: 16 Mar 2021 13:06

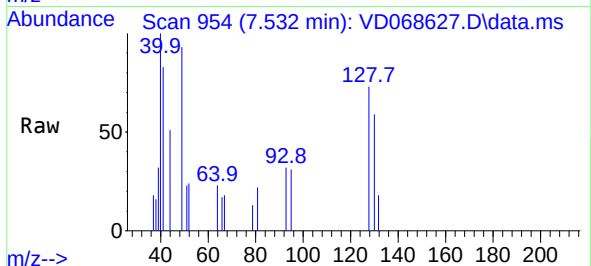
Tgt Ion: 78 Resp: 32991
Ion Ratio Lower Upper
78 100
77 22.4 17.8 26.6





#41
Methacrylonitrile
Concen: 3.13 ug/l
RT: 7.532 min Scan# 954
Delta R.T. 0.006 min
Lab File: VD068627.D
Acq: 16 Mar 2021 13:06

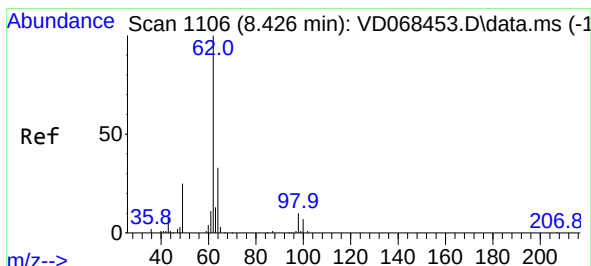
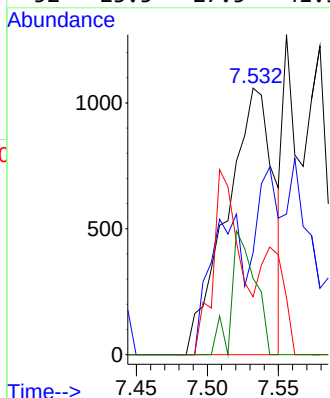
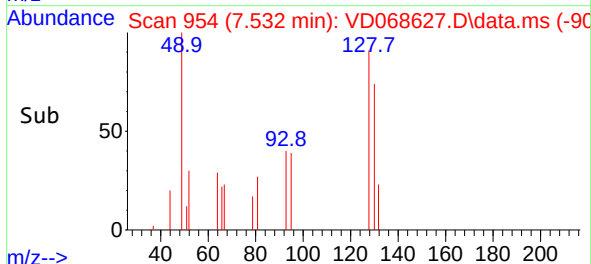
Instrument :
MSVOA_D
ClientSampleId :
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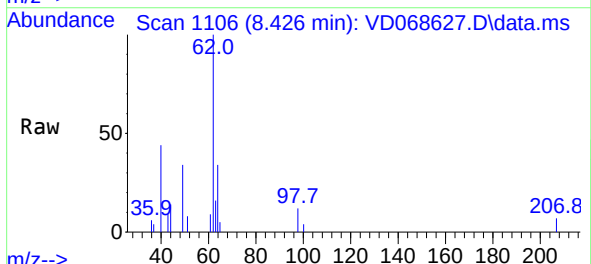
Tgt Ion: 41 Resp: 2431
Ion Ratio Lower Upper
41 100
39 36.3 45.2 67.8#
67 0.0 67.4 101.2#
52 23.5 27.5 41.3#

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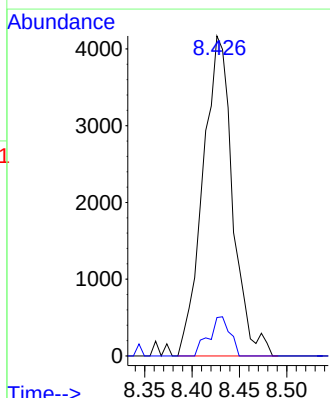
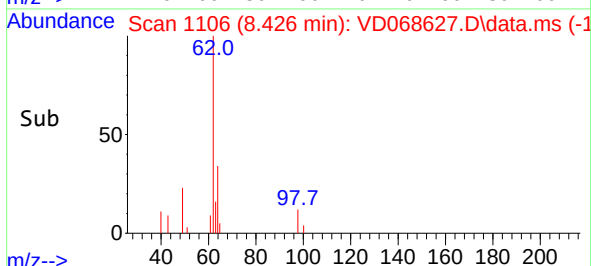
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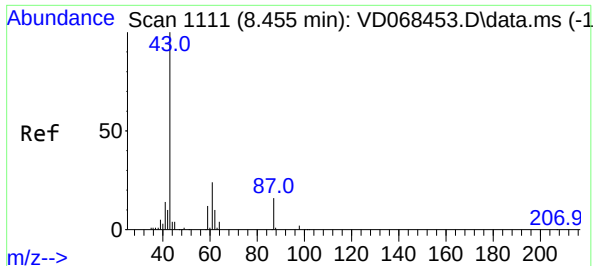


#42
1,2-Dichloroethane
Concen: 2.99 ug/l
RT: 8.426 min Scan# 1106
Delta R.T. 0.001 min
Lab File: VD068627.D
Acq: 16 Mar 2021 13:06



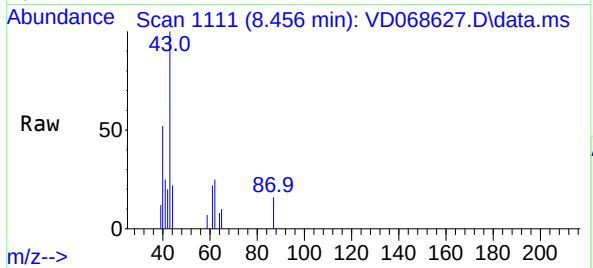
Tgt Ion: 62 Resp: 9115
Ion Ratio Lower Upper
62 100
98 8.7 0.0 21.8





#43
Isopropyl Acetate
Concen: 2.58 ug/l
RT: 8.456 min Scan# 1111
Delta R.T. 0.001 min
Lab File: VD068627.D
Acq: 16 Mar 2021 13:06

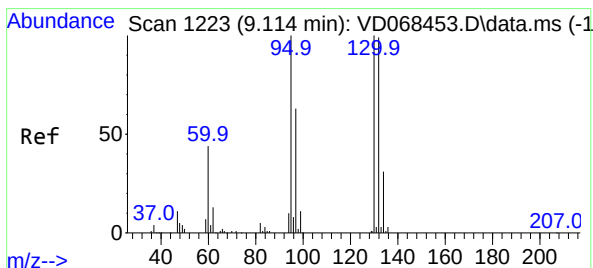
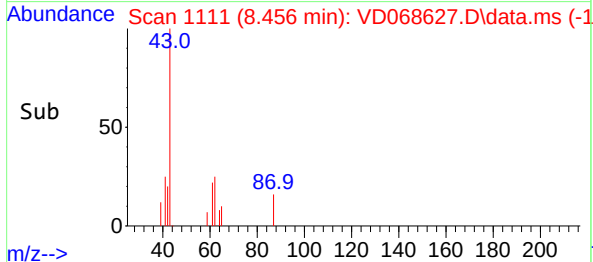
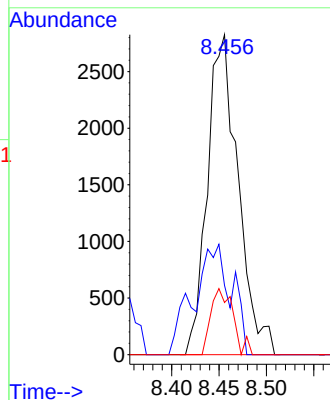
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



Tgt Ion: 43 Resp: 6365
Ion Ratio Lower Upper
43 100
61 31.5 28.7 43.1
87 14.9 13.9 20.9

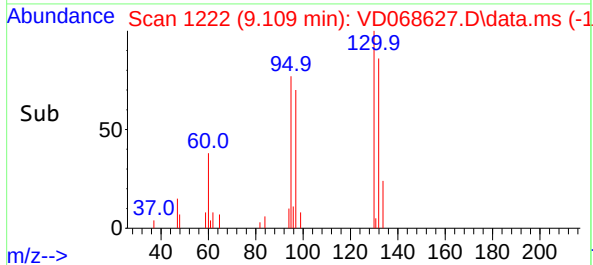
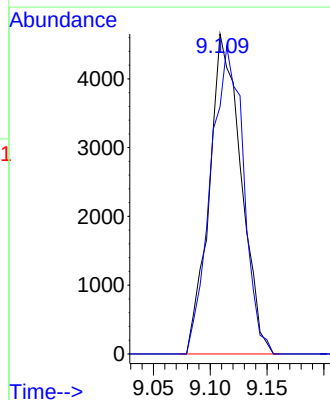
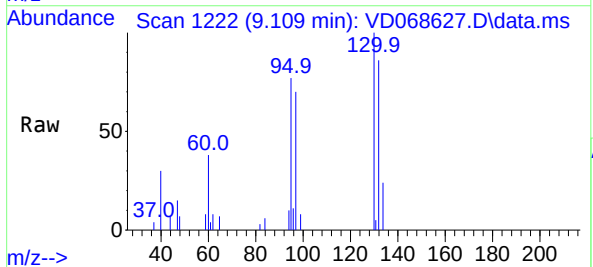
Manual Integrations
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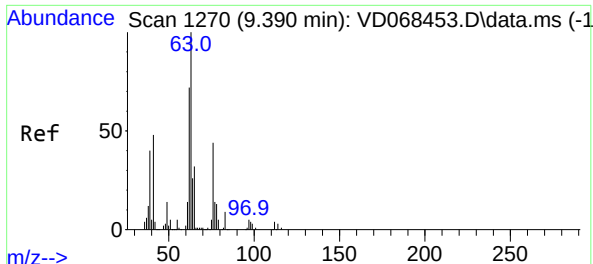
MMDadoda
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#44
Trichloroethene
Concen: 2.85 ug/l
RT: 9.109 min Scan# 1222
Delta R.T. -0.005 min
Lab File: VD068627.D
Acq: 16 Mar 2021 13:06

Tgt Ion: 130 Resp: 9059
Ion Ratio Lower Upper
130 100
95 77.3 0.0 191.2





#45

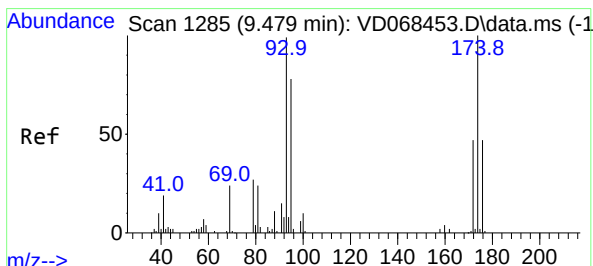
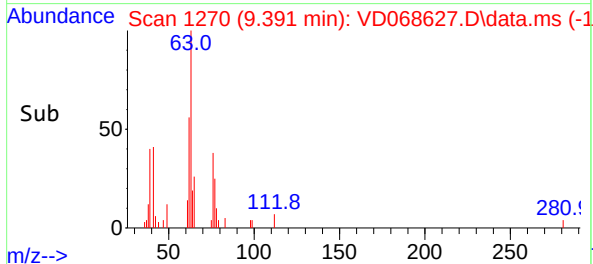
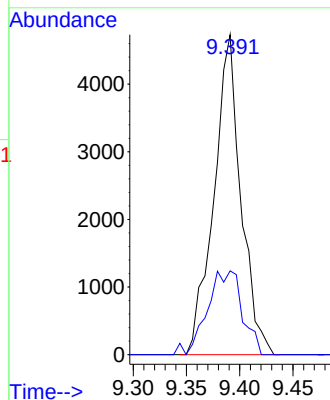
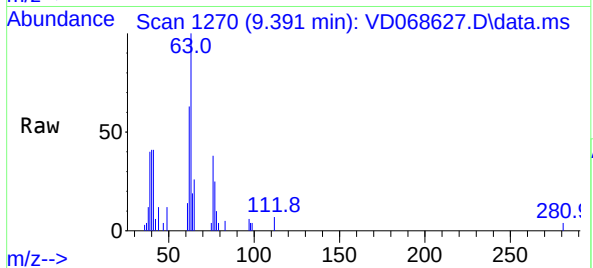
1,2-Dichloropropane
Concen: 3.01 ug/l
RT: 9.391 min Scan# 1270
Delta R.T. 0.001 min
Lab File: VD068627.D
Acq: 16 Mar 2021 13:06

Tgt Ion: 63 Resp: 8344
Ion Ratio Lower Upper
63 100
65 26.2 26.6 40.0#

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

Manual Integrations
APPROVED

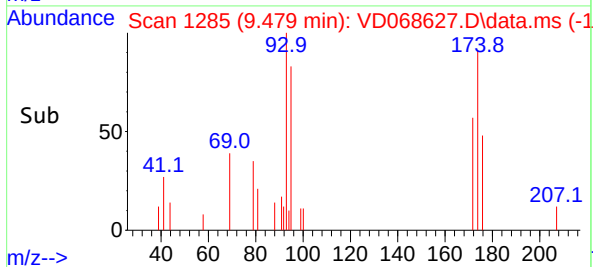
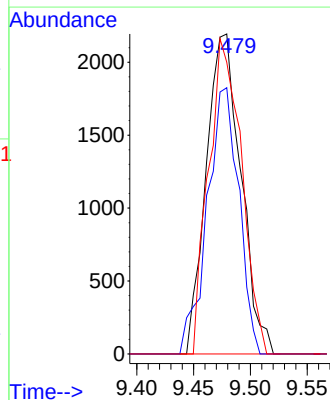
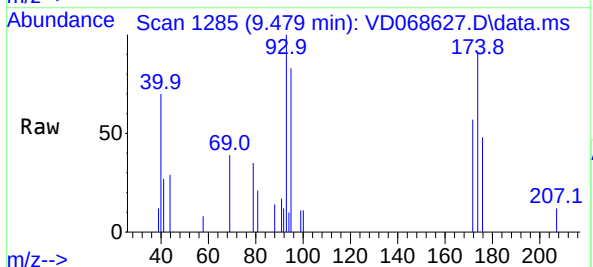
MMDadoda
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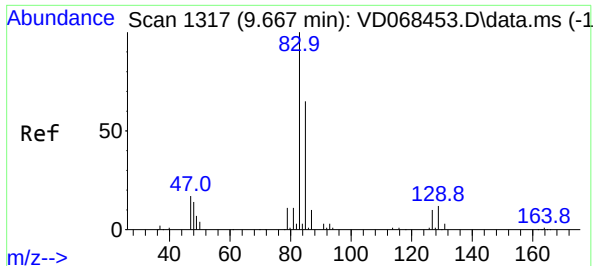


#46

Dibromomethane
Concen: 3.10 ug/l
RT: 9.479 min Scan# 1285
Delta R.T. 0.001 min
Lab File: VD068627.D
Acq: 16 Mar 2021 13:06

Tgt Ion: 93 Resp: 4667
Ion Ratio Lower Upper
93 100
95 75.6 67.3 100.9
174 93.3 84.6 127.0





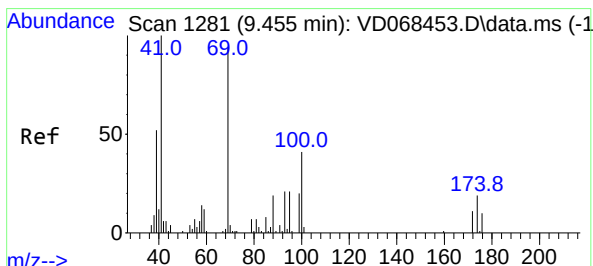
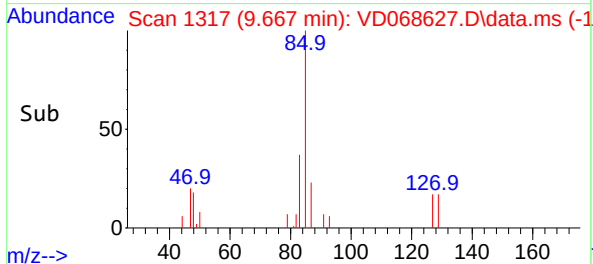
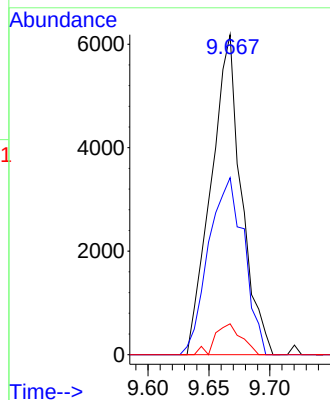
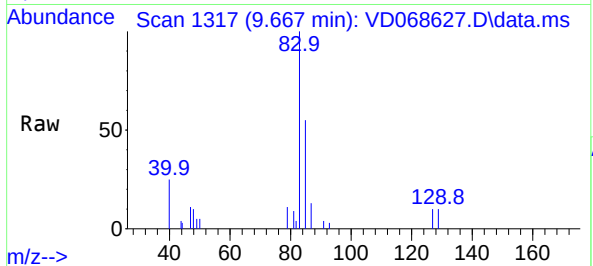
#47
Bromodichloromethane
Concen: 2.74 ug/l
RT: 9.667 min Scan# 1317
Delta R.T. 0.001 min
Lab File: VD068627.D
Acq: 16 Mar 2021 13:06

Tgt Ion:	83	Resp:	10694
Ion	Ratio	Lower	Upper
83	100		
85	55.3	51.6	77.4
127	9.7	7.4	11.0

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

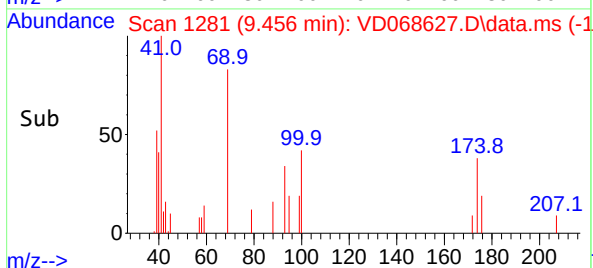
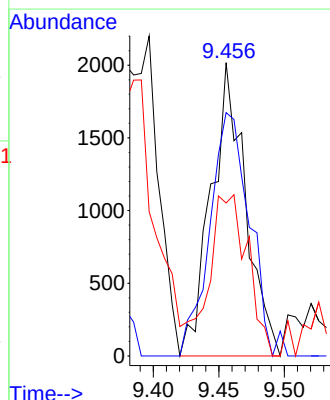
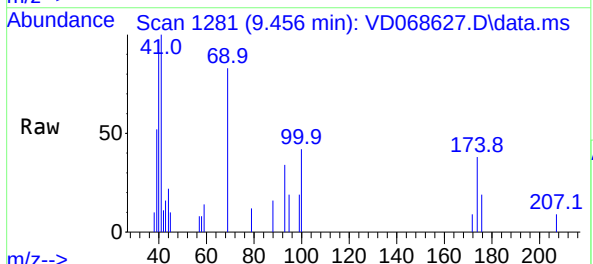
Manual Integrations
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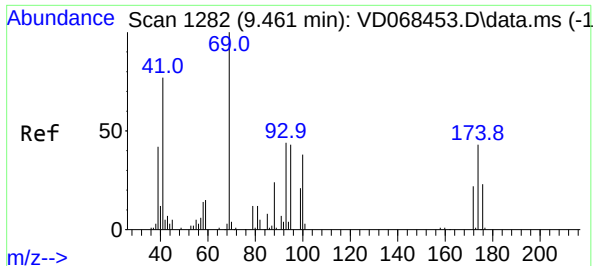
MMDadoda
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#48
Methyl methacrylate
Concen: 2.81 ug/l
RT: 9.456 min Scan# 1281
Delta R.T. 0.001 min
Lab File: VD068627.D
Acq: 16 Mar 2021 13:06

Tgt Ion:	41	Resp:	3684
Ion	Ratio	Lower	Upper
41	100		
69	96.2	77.1	115.7
39	60.3	41.5	62.3





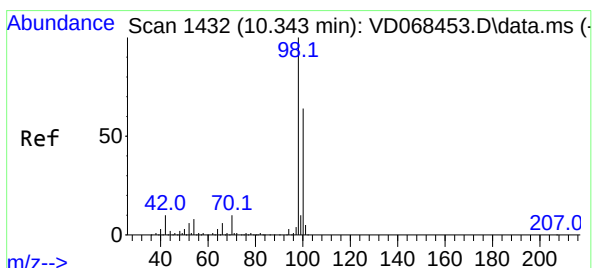
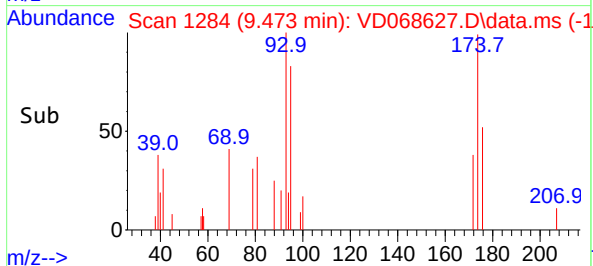
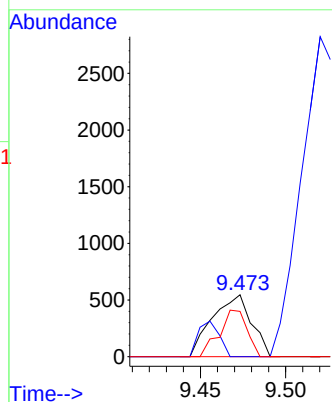
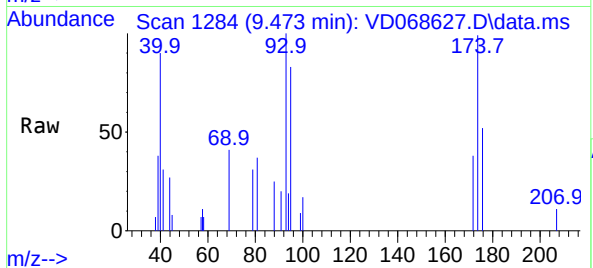
#49
1,4-Dioxane
Concen: 50.76 ug/l
RT: 9.473 min Scan# 1284
Delta R.T. 0.012 min
Lab File: VD068627.D
Acq: 16 Mar 2021 13:06

Tgt Ion: 88 Resp: 872
Ion Ratio Lower Upper
88 100
43 30.6 22.1 33.1
58 53.0 46.7 70.1

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

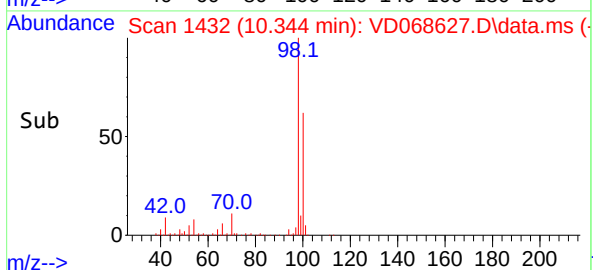
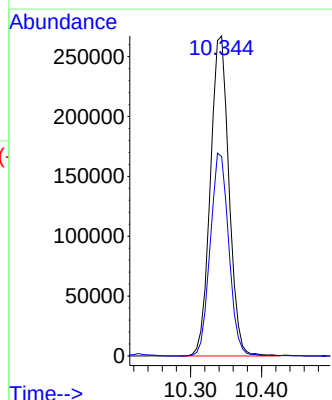
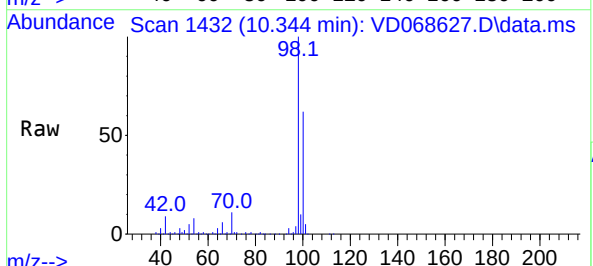
Manual Integrations
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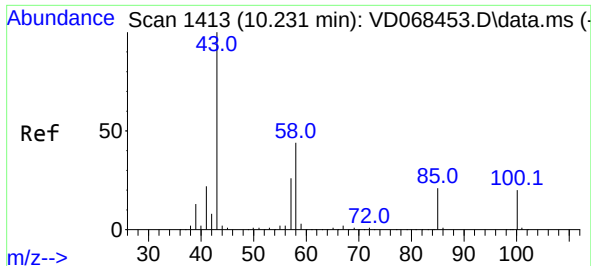
MMDadoda
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#50
Toluene-d8
Concen: 47.71 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.001 min
Lab File: VD068627.D
Acq: 16 Mar 2021 13:06

Tgt Ion: 98 Resp: 486305
Ion Ratio Lower Upper
98 100
100 63.2 53.0 79.4





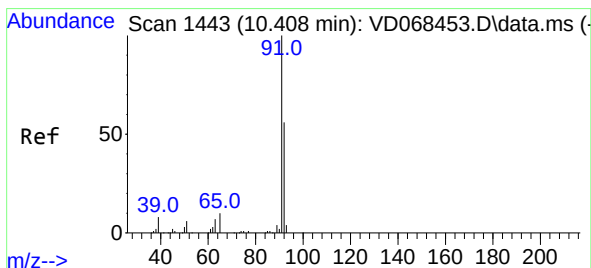
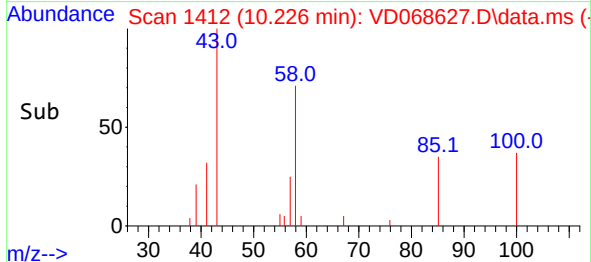
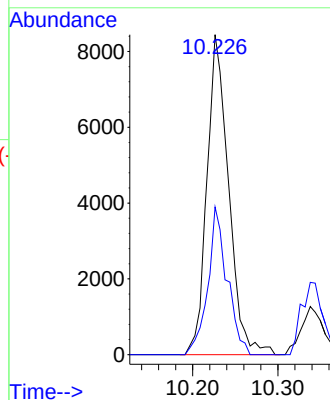
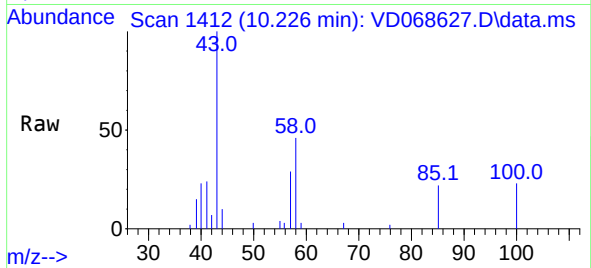
#51
4-Methyl-2-Pentanone
Concen: 11.61 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. -0.005 min
Lab File: VD068627.D
Acq: 16 Mar 2021 13:06

Tgt Ion: 43 Resp: 14958
Ion Ratio Lower Upper
43 100
58 41.1 36.1 54.1

Instrument :
MSVOA_D
ClientSampleId :
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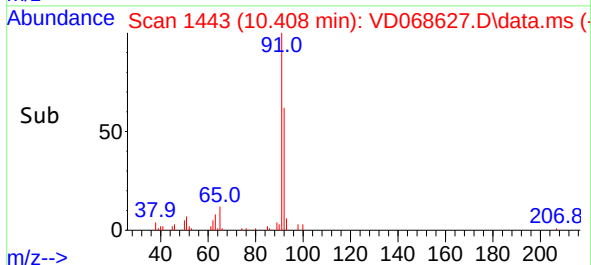
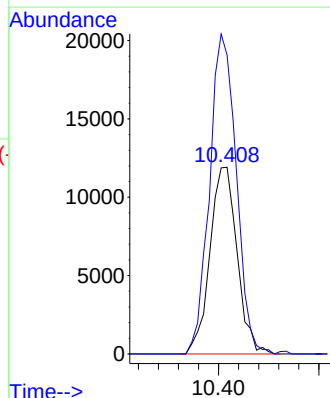
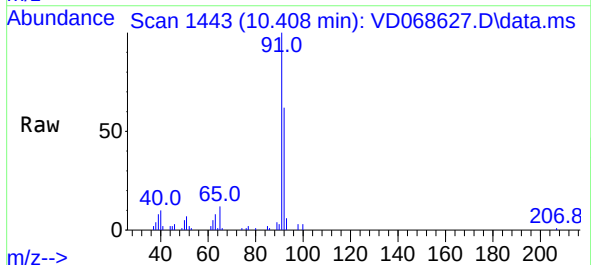
Manual Integrations
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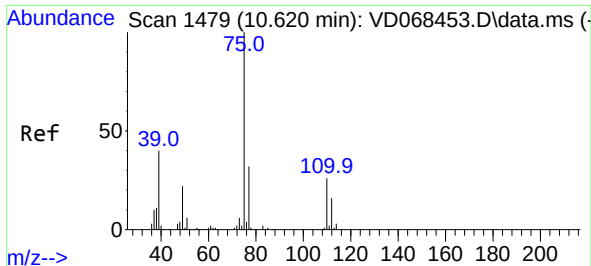
MMDadoda
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#52
Toluene
Concen: 3.03 ug/l
RT: 10.408 min Scan# 1443
Delta R.T. 0.001 min
Lab File: VD068627.D
Acq: 16 Mar 2021 13:06

Tgt Ion: 92 Resp: 22391
Ion Ratio Lower Upper
92 100
91 168.7 134.1 201.1





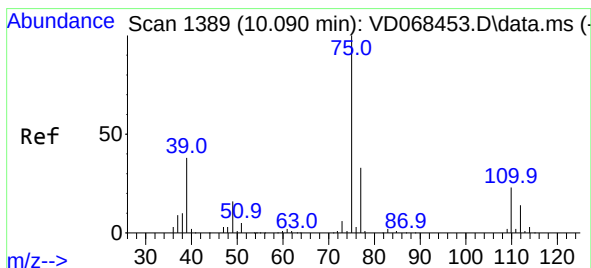
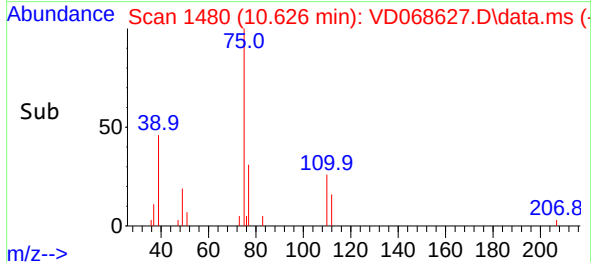
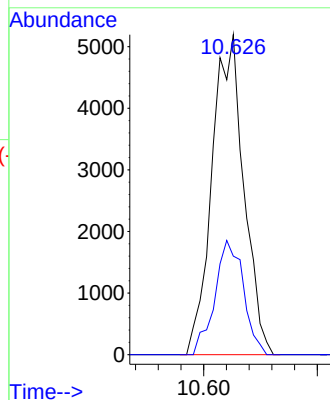
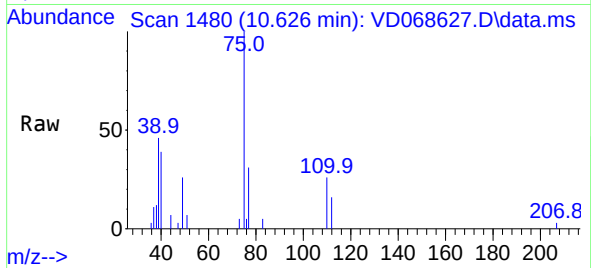
#53
t-1,3-Dichloropropene
Concen: 2.80 ug/l
RT: 10.626 min Scan# 1480
Delta R.T. 0.006 min
Lab File: VD068627.D
Acq: 16 Mar 2021 13:06

Tgt Ion: 75 Resp: 10093
Ion Ratio Lower Upper
75 100
77 30.8 25.0 37.4

Instrument :
MSVOA_D
ClientSampleId :
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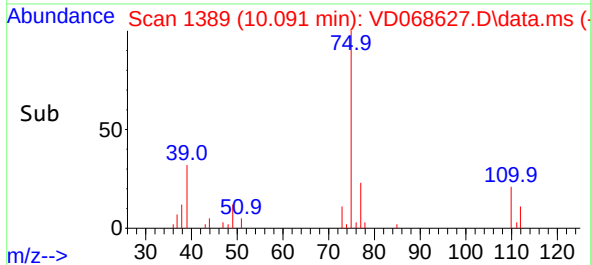
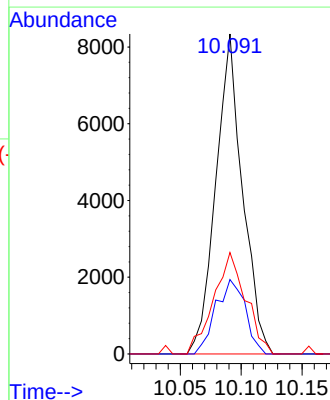
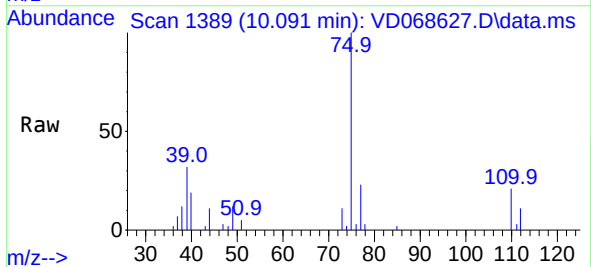
Manual Integrations
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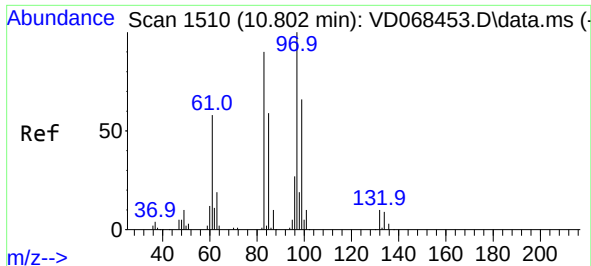
MMDadoda
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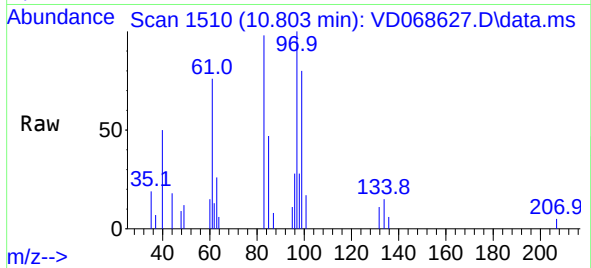
#54
cis-1,3-Dichloropropene
Concen: 2.89 ug/l
RT: 10.091 min Scan# 1389
Delta R.T. 0.001 min
Lab File: VD068627.D
Acq: 16 Mar 2021 13:06

Tgt Ion: 75 Resp: 12721
Ion Ratio Lower Upper
75 100
77 23.2 24.6 37.0#
39 31.7 31.4 47.0

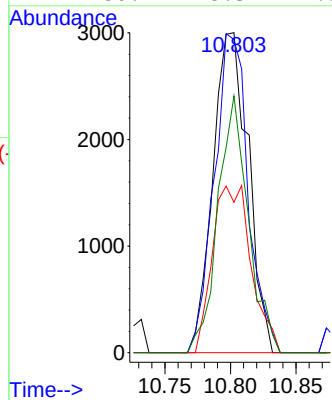




#55
1,1,2-Trichloroethane
Concen: 2.68 ug/l
RT: 10.803 min Scan# 1510
Delta R.T. 0.001 min
Lab File: VD068627.D
Acq: 16 Mar 2021 13:06



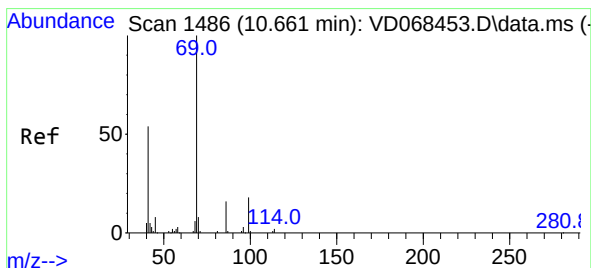
Tgt Ion:	97	Resp:	5596
Ion	Ratio	Lower	Upper
97	100		
83	97.8	61.8	92.6#
85	47.0	42.2	63.2
99	80.2	48.3	72.5#



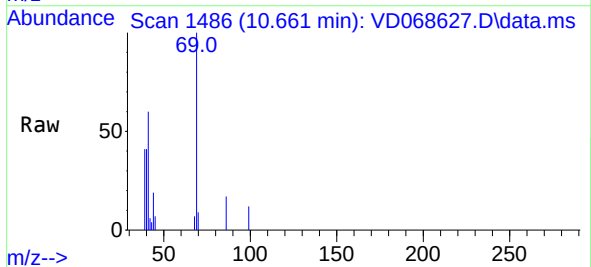
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

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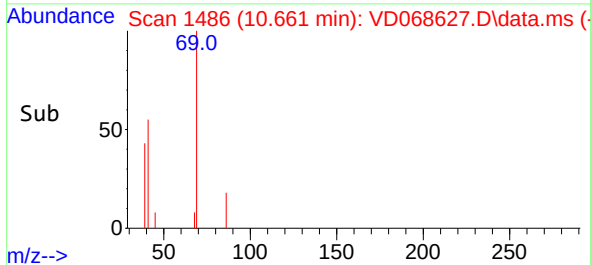
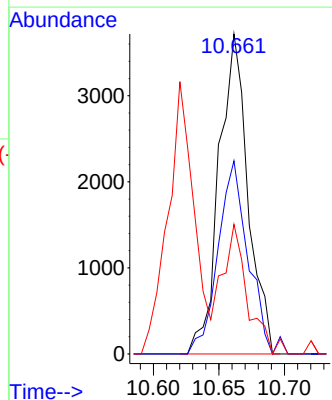
MMDadoda
3/17/2021 11:47:37 AM

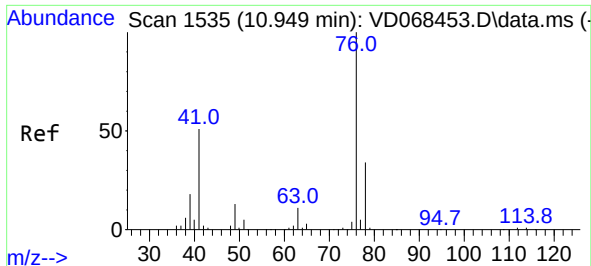


#56
Ethyl methacrylate
Concen: 2.38 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. 0.001 min
Lab File: VD068627.D
Acq: 16 Mar 2021 13:06



Tgt Ion:	69	Resp:	5715
Ion	Ratio	Lower	Upper
69	100		
41	63.0	44.9	67.3
39	35.5	21.9	32.9#





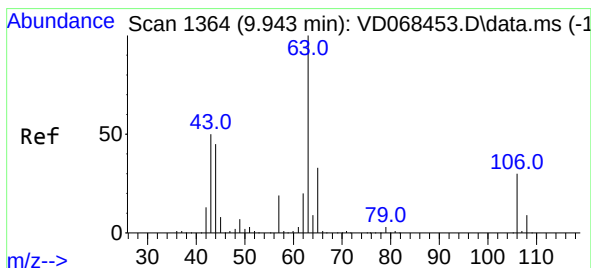
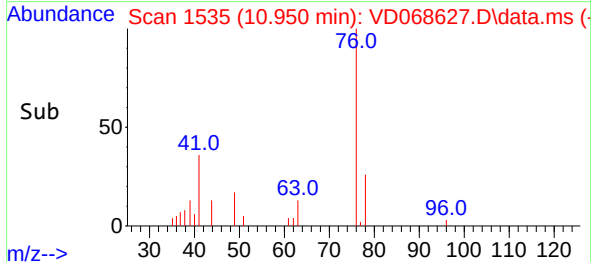
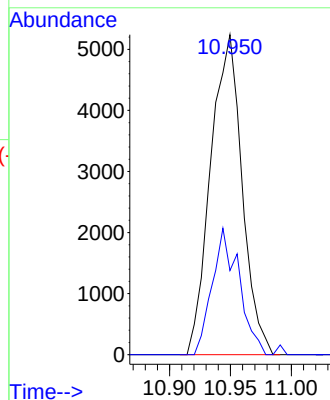
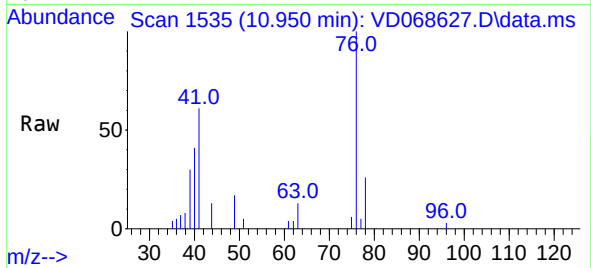
#57
1,3-Dichloropropane
Concen: 2.59 ug/l
RT: 10.950 min Scan# 1535
Delta R.T. 0.001 min
Lab File: VD068627.D
Acq: 16 Mar 2021 13:06

Tgt Ion: 76 Resp: 9421
Ion Ratio Lower Upper
76 100
78 33.8 25.6 38.4

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

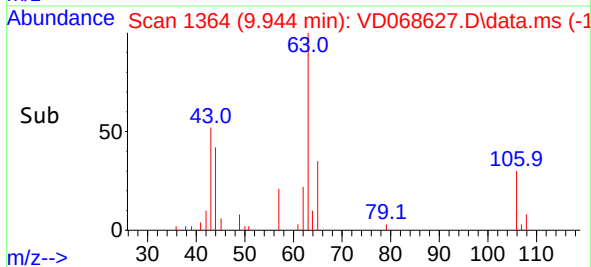
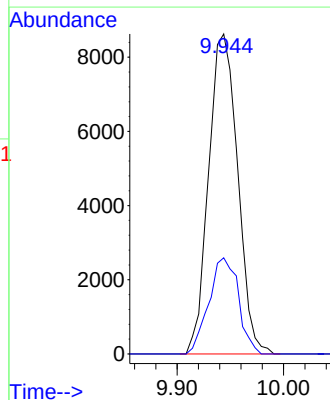
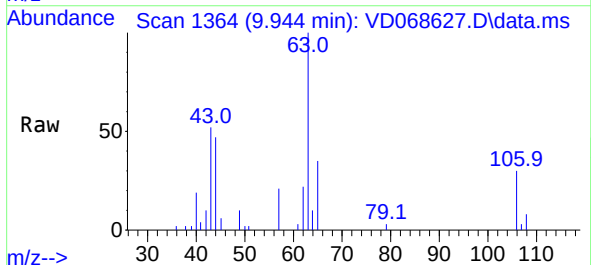
Manual Integrations
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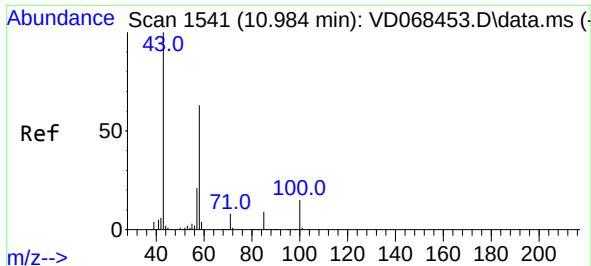
MMDadoda
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#58
2-Chloroethyl Vinyl ether
Concen: 13.59 ug/l
RT: 9.944 min Scan# 1364
Delta R.T. 0.001 min
Lab File: VD068627.D
Acq: 16 Mar 2021 13:06

Tgt Ion: 63 Resp: 16339
Ion Ratio Lower Upper
63 100
106 30.6 27.0 40.4





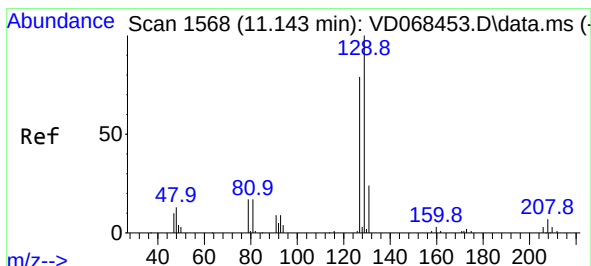
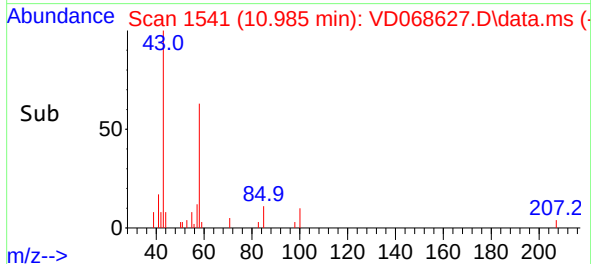
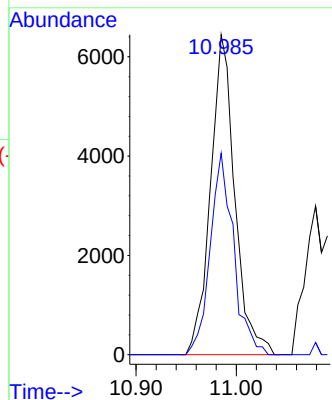
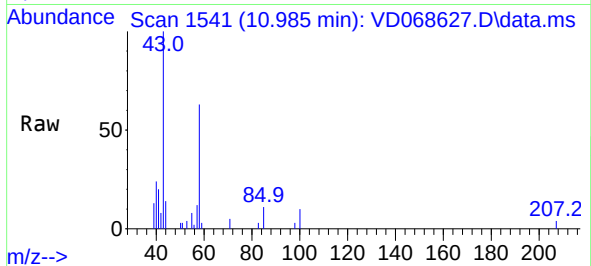
#59
2-Hexanone
Concen: 12.64 ug/l
RT: 10.985 min Scan# 1541
Delta R.T. 0.001 min
Lab File: VD068627.D
Acq: 16 Mar 2021 13:06

Tgt Ion: 43 Resp: 10853
Ion Ratio Lower Upper
43 100
58 60.7 31.0 93.0

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

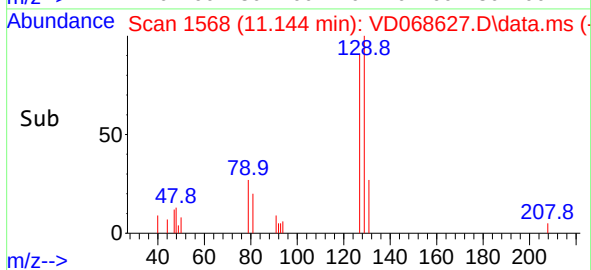
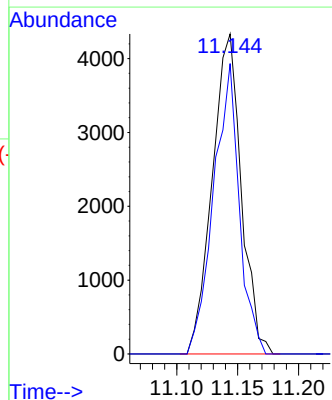
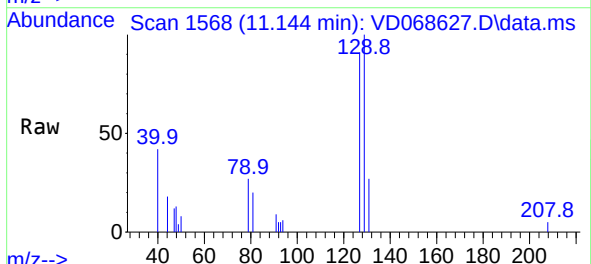
Manual Integrations
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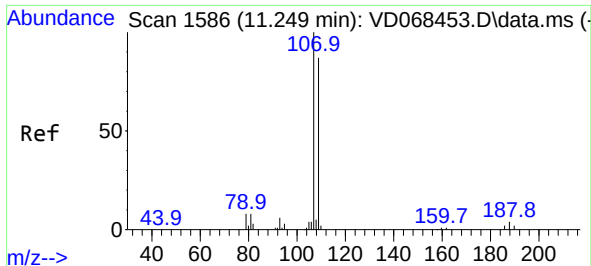
MMDadoda
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#60
Dibromochloromethane
Concen: 2.79 ug/l
RT: 11.144 min Scan# 1568
Delta R.T. 0.001 min
Lab File: VD068627.D
Acq: 16 Mar 2021 13:06

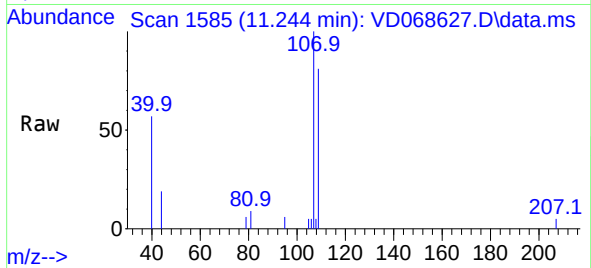
Tgt Ion: 129 Resp: 7202
Ion Ratio Lower Upper
129 100
127 80.1 38.6 116.0





#61
1,2-Dibromoethane
Concen: 3.04 ug/l
RT: 11.244 min Scan# 1585
Delta R.T. -0.005 min
Lab File: VD068627.D
Acq: 16 Mar 2021 13:06

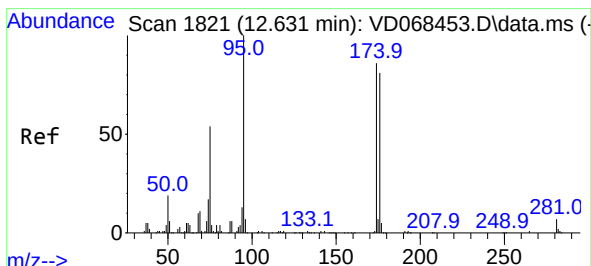
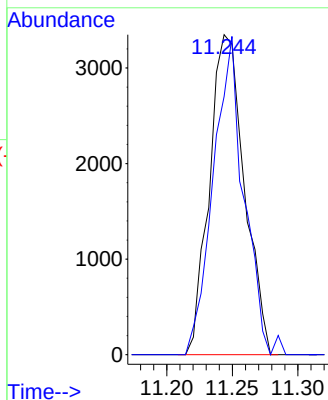
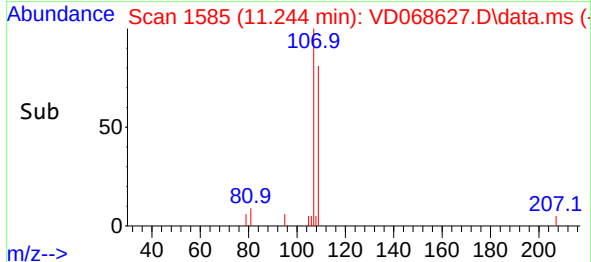
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



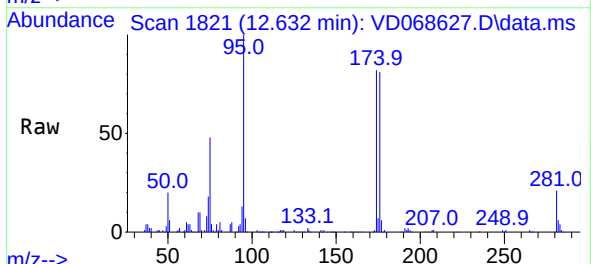
Tgt Ion:107 Resp: 6205
Ion Ratio Lower Upper
107 100
109 87.5 74.8 112.2

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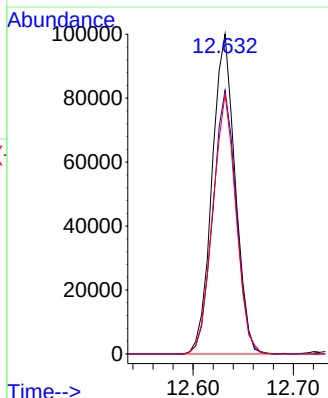
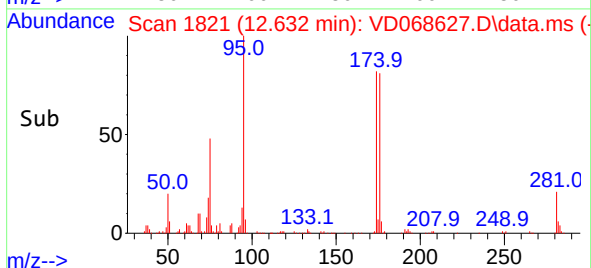
MMDadoda
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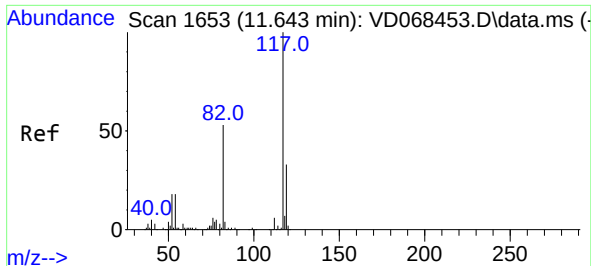


#62
4-Bromofluorobenzene
Concen: 48.56 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.001 min
Lab File: VD068627.D
Acq: 16 Mar 2021 13:06

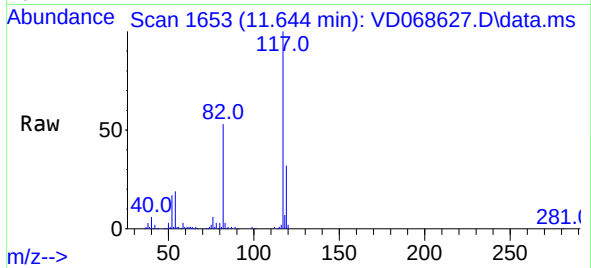


Tgt Ion: 95 Resp: 159536
Ion Ratio Lower Upper
95 100
174 83.5 0.0 172.4
176 81.4 0.0 168.4

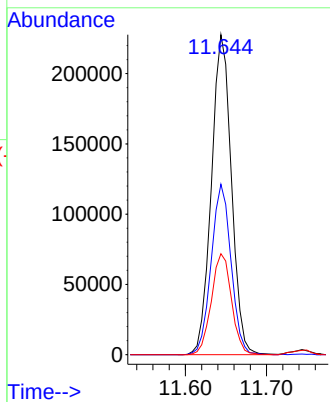
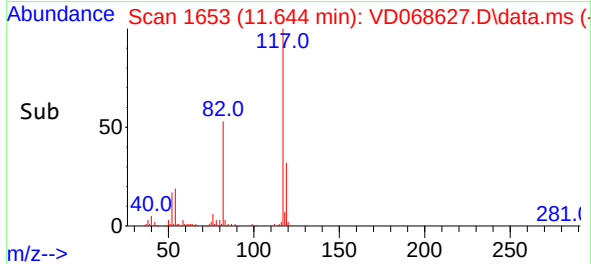




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068627.D
Acq: 16 Mar 2021 13:06



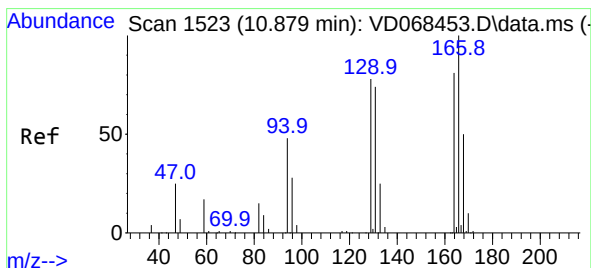
Tgt Ion:117 Resp: 390213
Ion Ratio Lower Upper
117 100
82 53.3 41.4 62.0
119 31.5 26.1 39.1



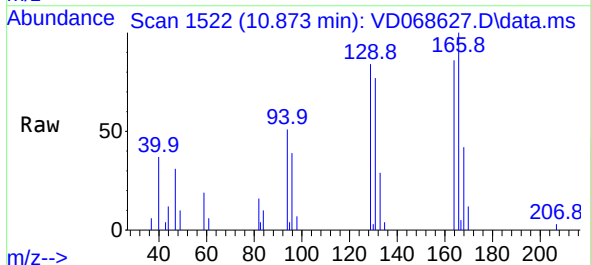
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

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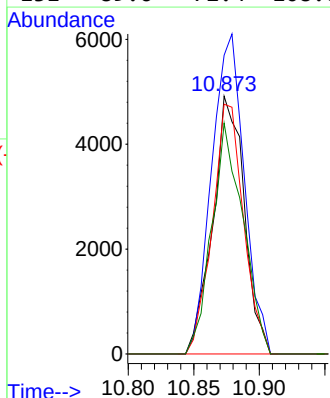
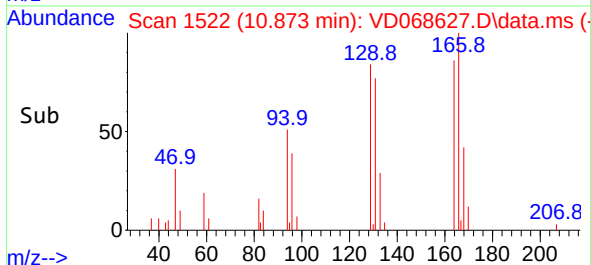
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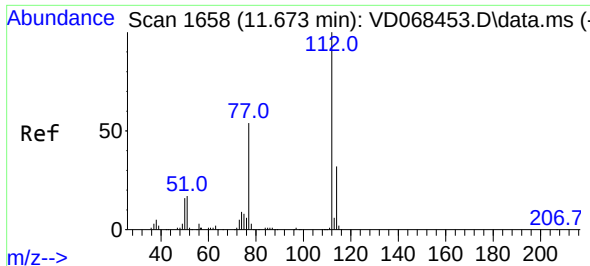


#64
Tetrachloroethene
Concen: 3.22 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. -0.005 min
Lab File: VD068627.D
Acq: 16 Mar 2021 13:06



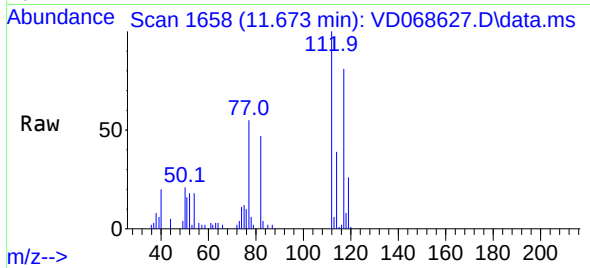
Tgt Ion:164 Resp: 8201
Ion Ratio Lower Upper
164 100
166 115.9 105.5 158.3
129 96.9 75.6 113.4
131 89.6 72.4 108.6





#65
Chlorobenzene
Concen: 2.82 ug/l
RT: 11.673 min Scan# 1658
Delta R.T. 0.001 min
Lab File: VD068627.D
Acq: 16 Mar 2021 13:06

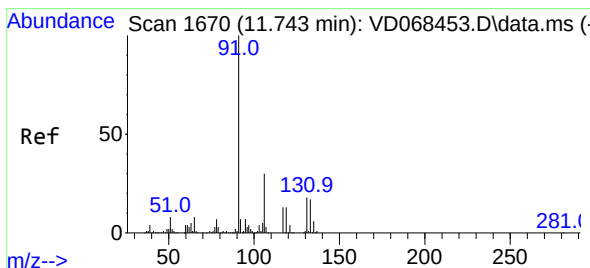
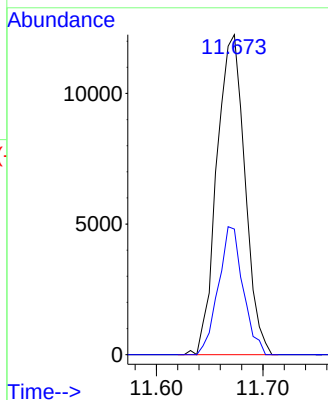
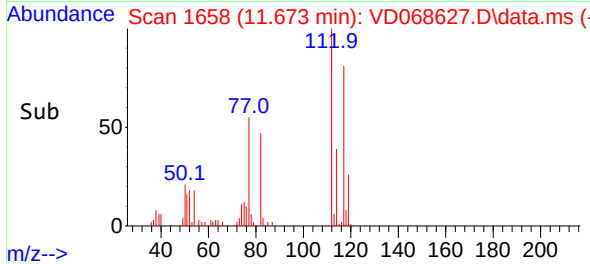
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



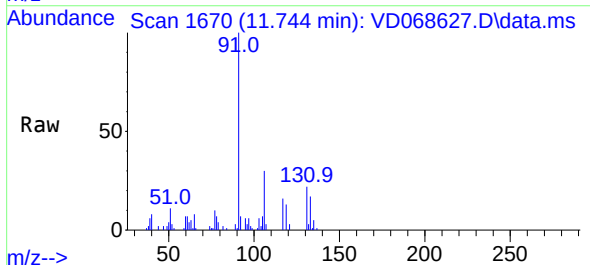
Tgt Ion:112 Resp: 22436
Ion Ratio Lower Upper
112 100
114 39.2 25.7 38.5#

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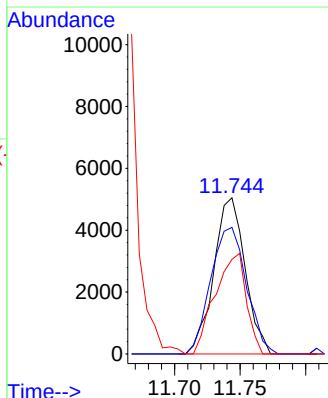
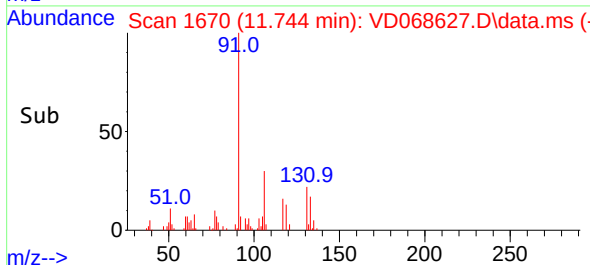
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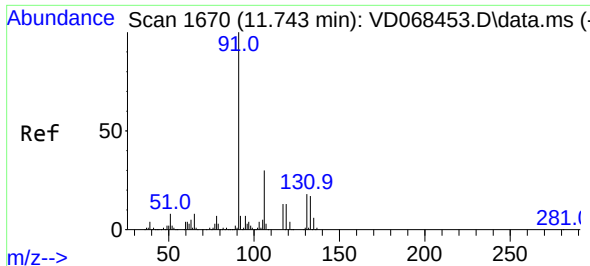


#66
1,1,1,2-Tetrachloroethane
Concen: 3.03 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. 0.001 min
Lab File: VD068627.D
Acq: 16 Mar 2021 13:06



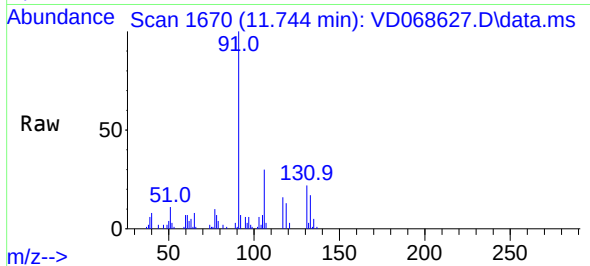
Tgt Ion:131 Resp: 8369
Ion Ratio Lower Upper
131 100
133 92.8 48.1 144.4
119 64.1 31.6 94.8





#67
Ethyl Benzene
Concen: 2.85 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. 0.001 min
Lab File: VD068627.D
Acq: 16 Mar 2021 13:06

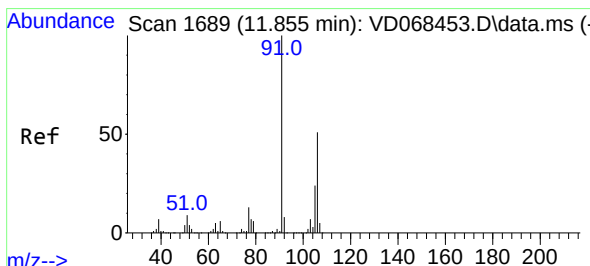
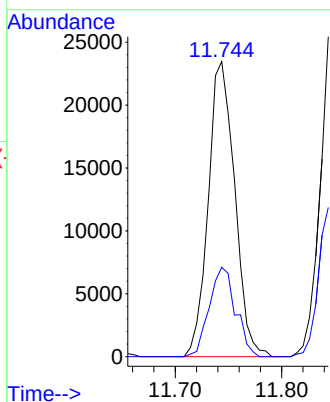
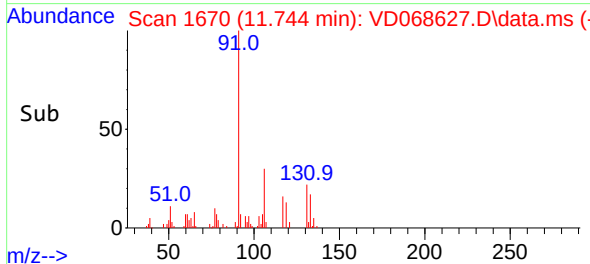
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



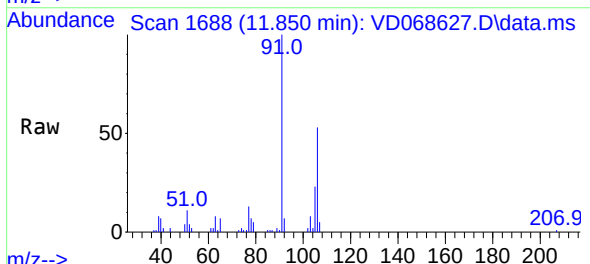
Tgt Ion: 91 Resp: 40449
Ion Ratio Lower Upper
91 100
106 30.3 25.9 38.9

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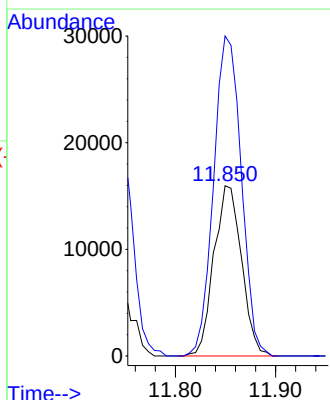
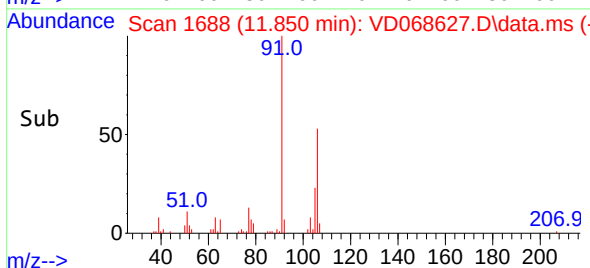
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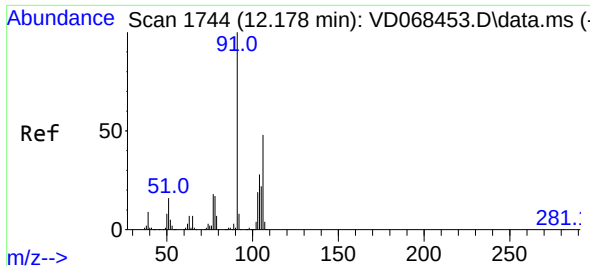


#68
m/p-Xylenes
Concen: 5.66 ug/l
RT: 11.850 min Scan# 1688
Delta R.T. -0.005 min
Lab File: VD068627.D
Acq: 16 Mar 2021 13:06



Tgt Ion: 106 Resp: 30490
Ion Ratio Lower Upper
106 100
91 188.5 159.1 238.7





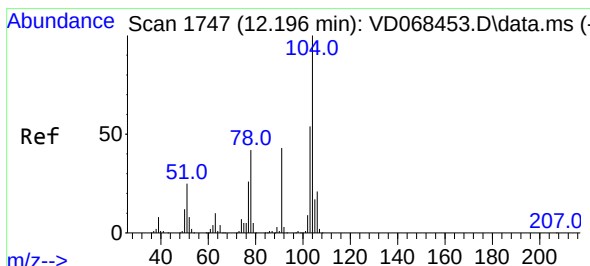
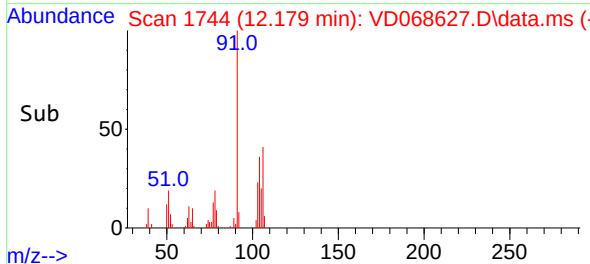
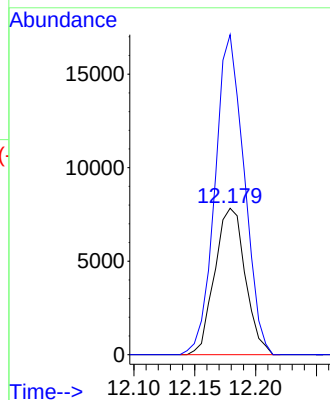
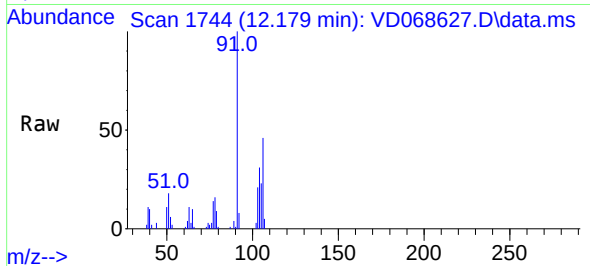
#69
o-Xylene
Concen: 2.76 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. 0.001 min
Lab File: VD068627.D
Acq: 16 Mar 2021 13:06

Tgt Ion:106 Resp: 13676
Ion Ratio Lower Upper
106 100
91 208.4 108.7 325.9

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

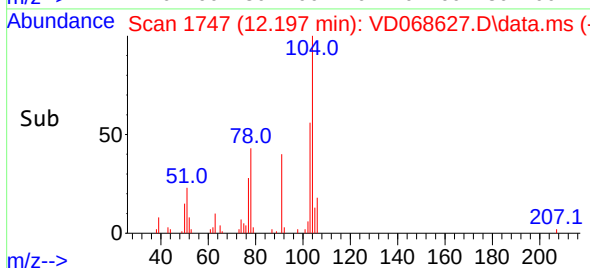
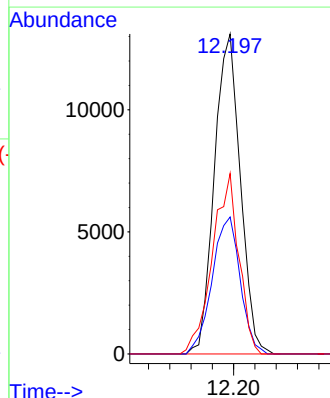
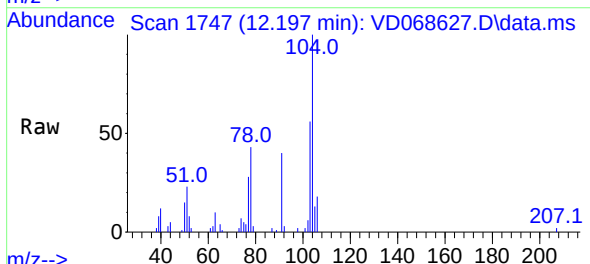
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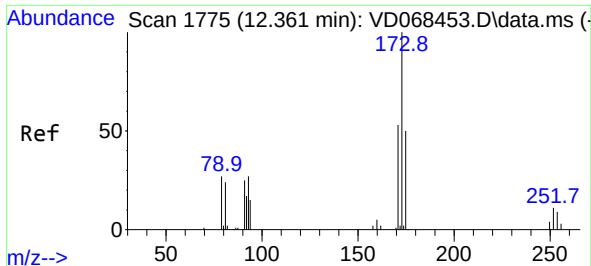
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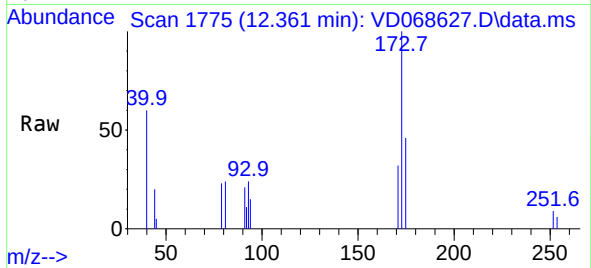
#70
Styrene
Concen: 2.61 ug/l
RT: 12.197 min Scan# 1747
Delta R.T. 0.001 min
Lab File: VD068627.D
Acq: 16 Mar 2021 13:06

Tgt Ion:104 Resp: 22141
Ion Ratio Lower Upper
104 100
78 46.4 38.2 57.2
103 57.5 43.1 64.7

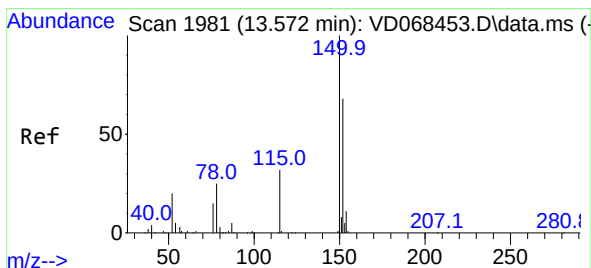
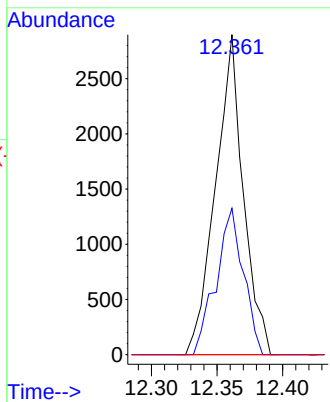
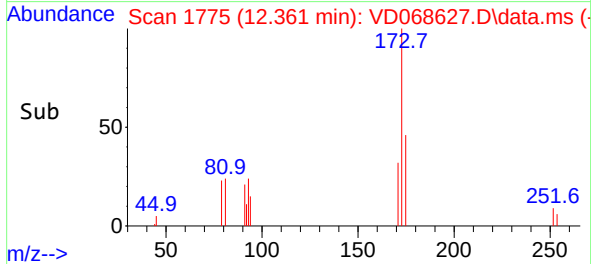




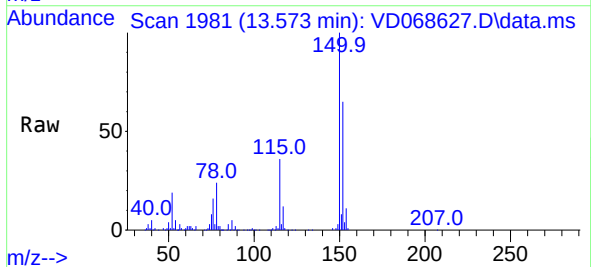
#71
Bromoform
Concen: 3.04 ug/l
RT: 12.361 min Scan# 1775
Delta R.T. 0.001 min
Lab File: VD068627.D
Acq: 16 Mar 2021 13:06



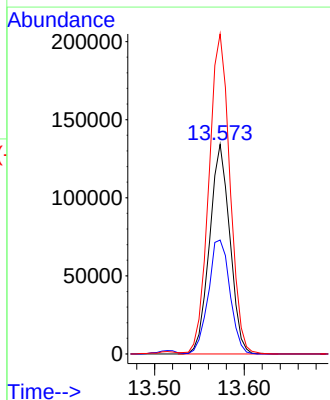
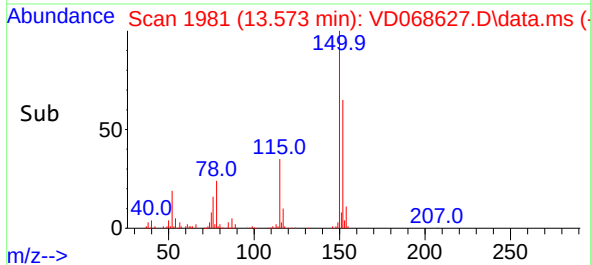
Tgt Ion:173 Resp: 4269
Ion Ratio Lower Upper
173 100
175 45.0 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068627.D
Acq: 16 Mar 2021 13:06



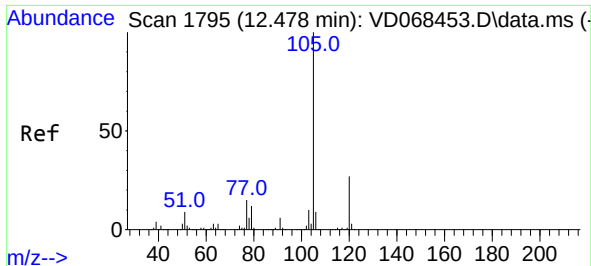
Tgt Ion:152 Resp: 210424
Ion Ratio Lower Upper
152 100
115 57.9 28.9 86.8
150 158.4 0.0 344.4



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

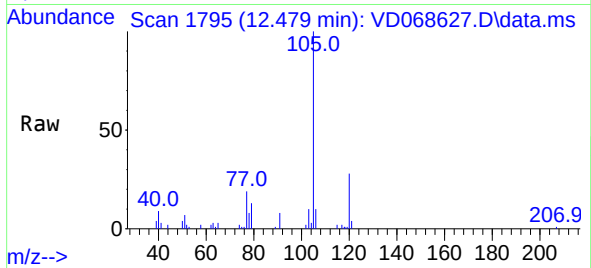
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#73
Isopropylbenzene
Concen: 2.29 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. 0.001 min
Lab File: VD068627.D
Acq: 16 Mar 2021 13:06

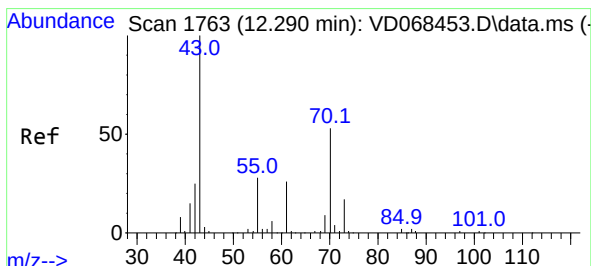
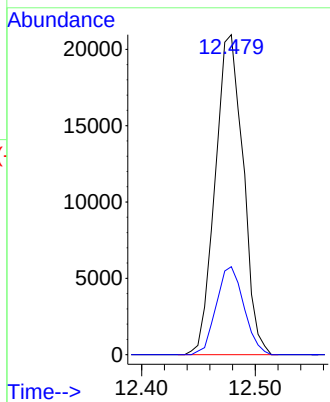
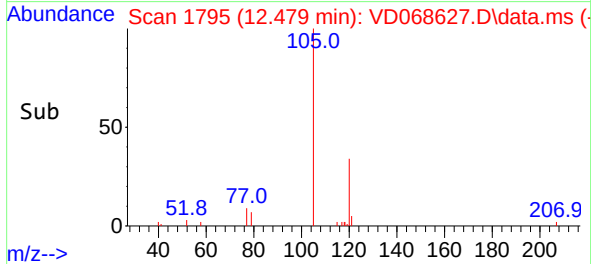
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



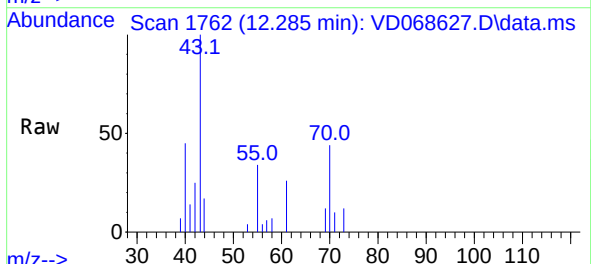
Tgt Ion: 105 Resp: 35799
Ion Ratio Lower Upper
105 100
120 27.2 13.2 39.6

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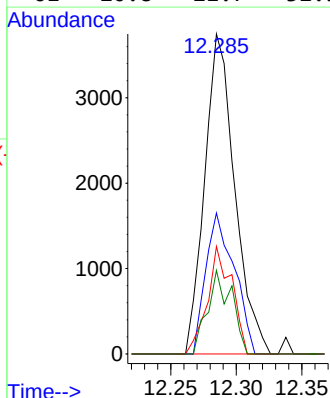
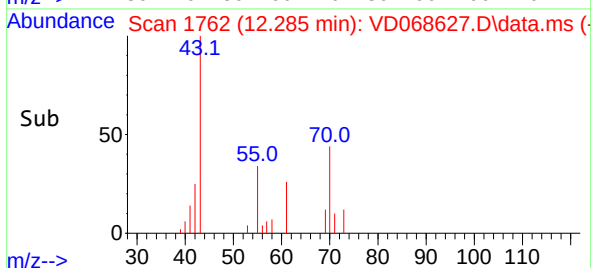
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3/17/2021 11:47:37 AM

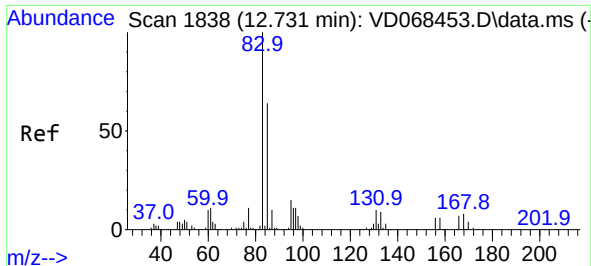


#74
N-ethyl acetate
Concen: 2.25 ug/l
RT: 12.285 min Scan# 1762
Delta R.T. -0.005 min
Lab File: VD068627.D
Acq: 16 Mar 2021 13:06



Tgt Ion: 43 Resp: 5979
Ion Ratio Lower Upper
43 100
70 41.6 41.8 62.8#
55 27.3 24.2 36.4
61 20.8 21.7 32.5#





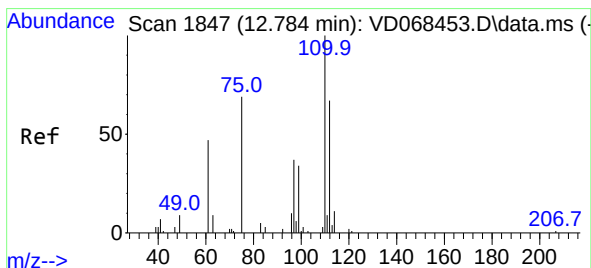
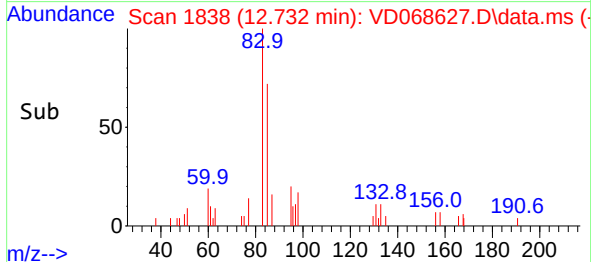
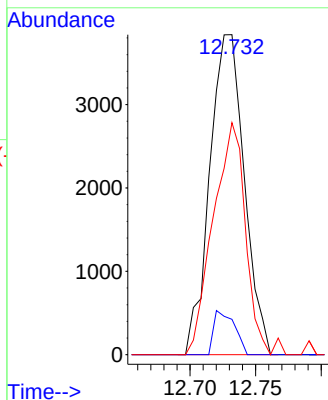
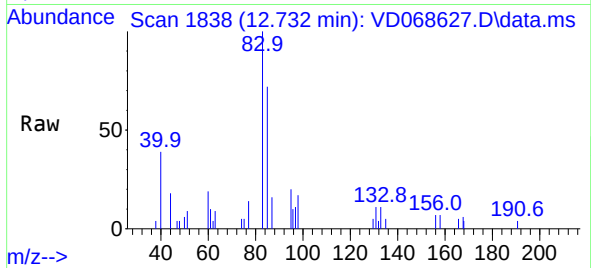
#75
1,1,2,2-Tetrachloroethane
Concen: 2.62 ug/l
RT: 12.732 min Scan# 1838
Delta R.T. 0.001 min
Lab File: VD068627.D
Acq: 16 Mar 2021 13:06

Tgt Ion:	83	Resp:	7041
Ion	Ratio	Lower	Upper
83	100		
131	8.2	5.8	17.4
85	68.2	32.4	97.2

Instrument :
MSVOA_D
ClientSampleId :
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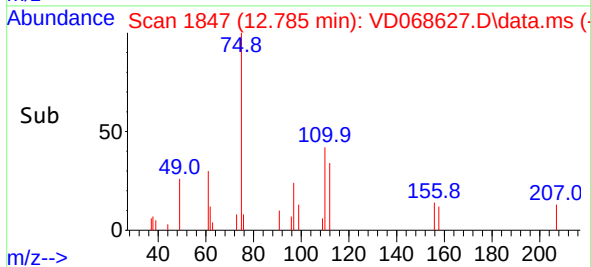
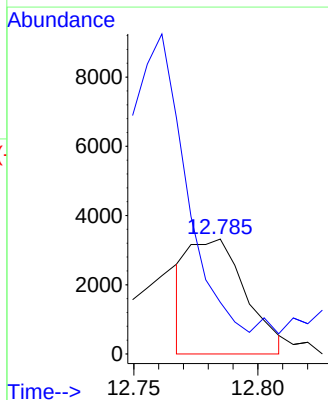
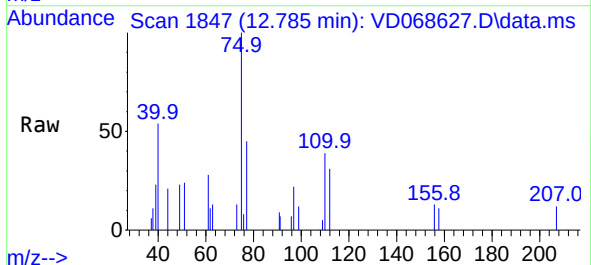
Manual Integrations
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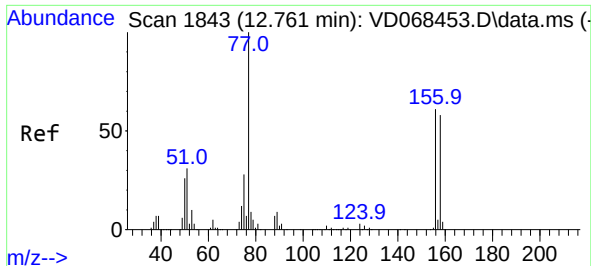
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#76
1,2,3-Trichloropropane
Concen: 2.86 ug/l m
RT: 12.785 min Scan# 1847
Delta R.T. 0.001 min
Lab File: VD068627.D
Acq: 16 Mar 2021 13:06

Tgt Ion:	75	Resp:	5350
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





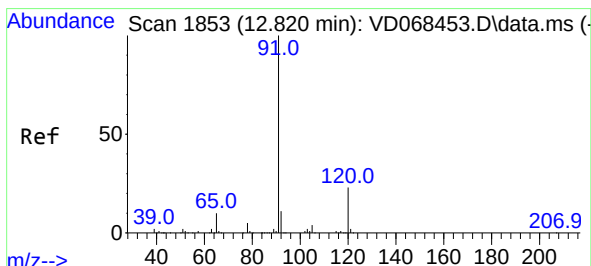
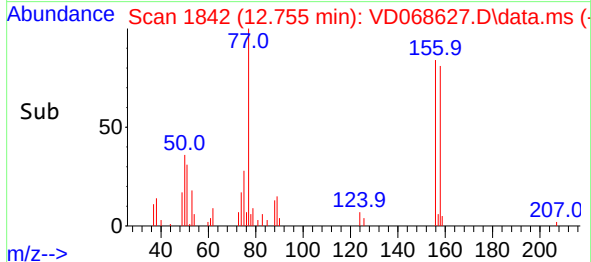
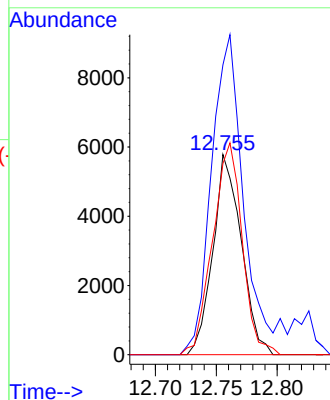
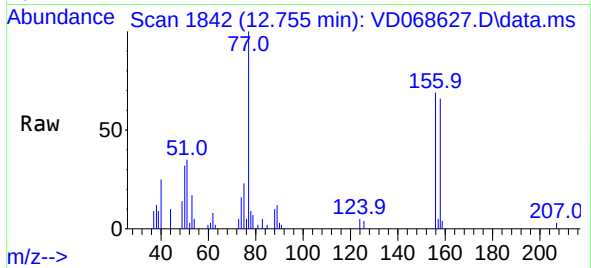
#77
Bromobenzene
Concen: 2.64 ug/l
RT: 12.755 min Scan# 1842
Delta R.T. -0.005 min
Lab File: VD068627.D
Acq: 16 Mar 2021 13:06

Tgt Ion: 156 Resp: 9387
Ion Ratio Lower Upper
156 100
77 178.1 82.8 248.3
158 110.2 48.0 144.0

Instrument :
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ClientSampleId :
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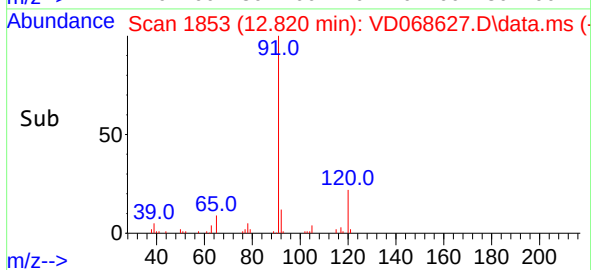
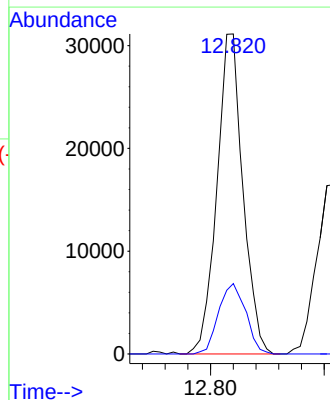
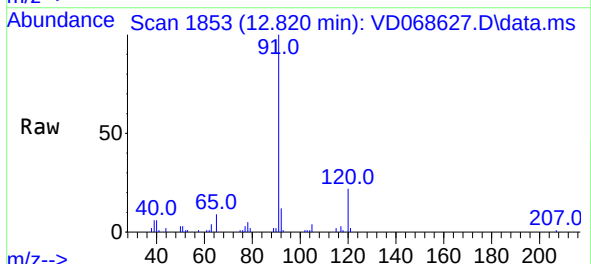
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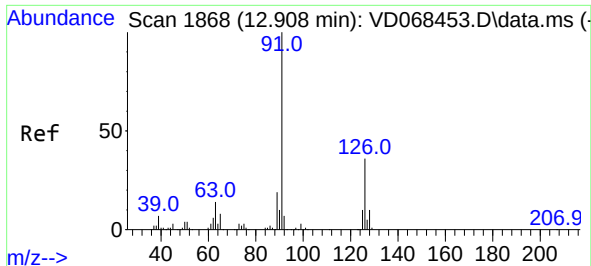
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#78
n-propylbenzene
Concen: 2.65 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. 0.001 min
Lab File: VD068627.D
Acq: 16 Mar 2021 13:06

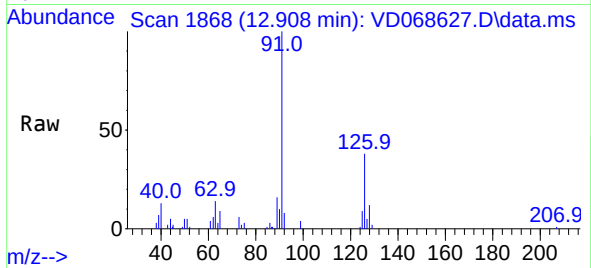
Tgt Ion: 91 Resp: 49501
Ion Ratio Lower Upper
91 100
120 23.0 12.0 36.0





#79
2-Chlorotoluene
Concen: 2.70 ug/l
RT: 12.908 min Scan# 1868
Delta R.T. 0.001 min
Lab File: VD068627.D
Acq: 16 Mar 2021 13:06

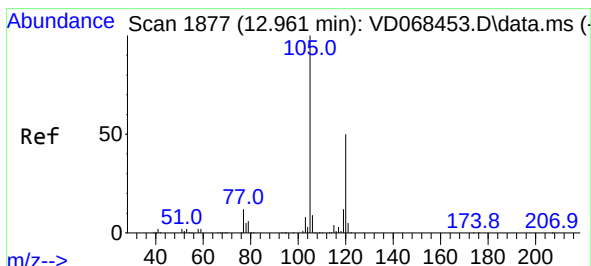
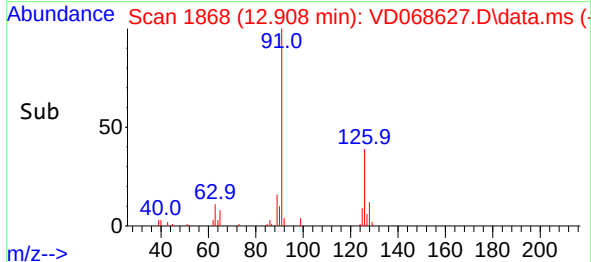
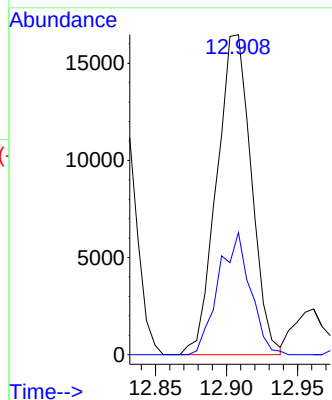
Instrument :
MSVOA_D
ClientSampleId :
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Tgt Ion: 91 Resp: 27906
Ion Ratio Lower Upper
91 100
126 35.3 17.8 53.5

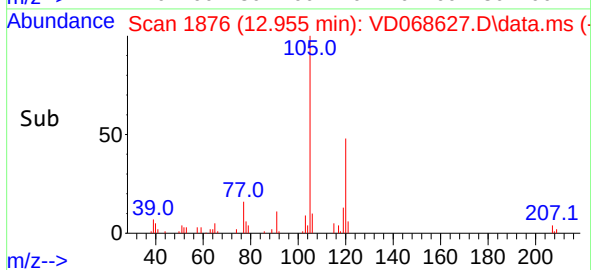
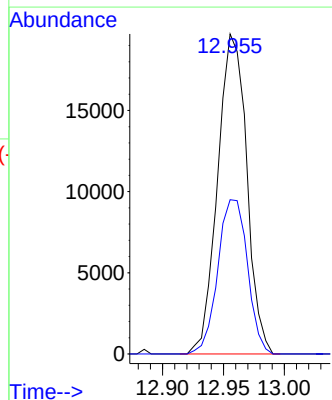
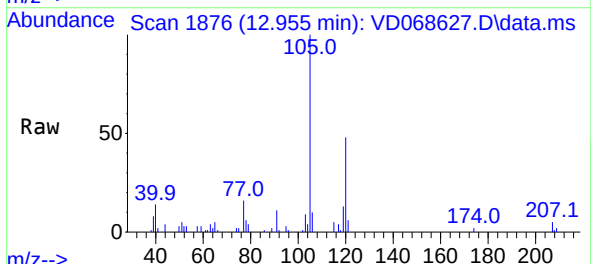
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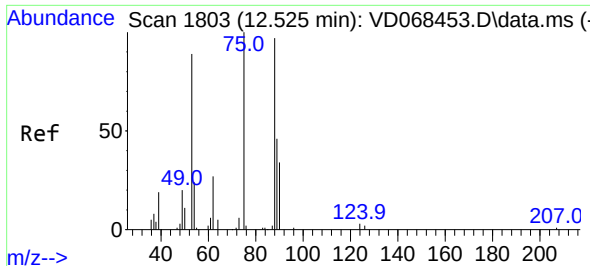
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#80
1,3,5-Trimethylbenzene
Concen: 2.56 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. -0.005 min
Lab File: VD068627.D
Acq: 16 Mar 2021 13:06

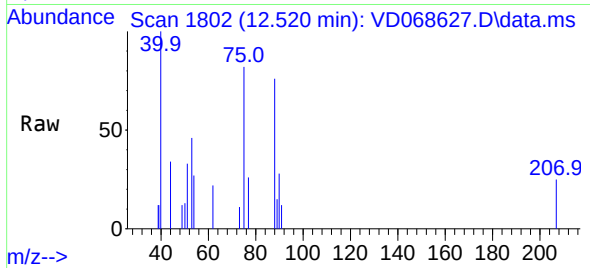
Tgt Ion: 105 Resp: 32765
Ion Ratio Lower Upper
105 100
120 49.2 24.2 72.6





#81
trans-1,4-Dichloro-2-butene
Concen: 2.29 ug/l m
RT: 12.520 min Scan# 1802
Delta R.T. -0.005 min
Lab File: VD068627.D
Acq: 16 Mar 2021 13:06

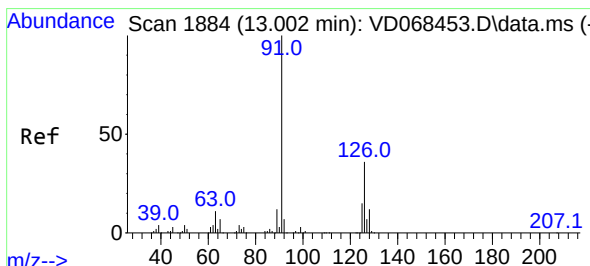
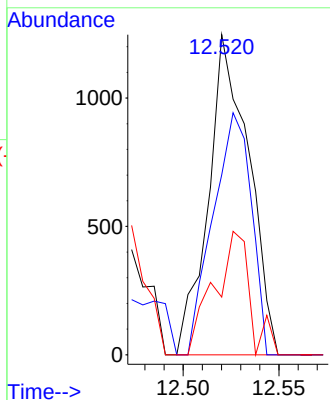
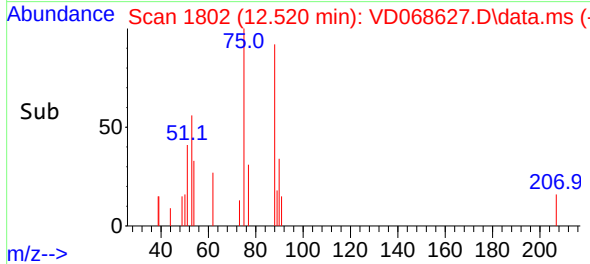
Instrument :
MSVOA_D
ClientSampleId :
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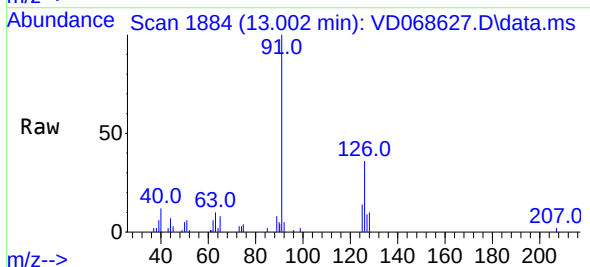
Tgt Ion: 75 Resp: 1831
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.0 40.3 60.5#

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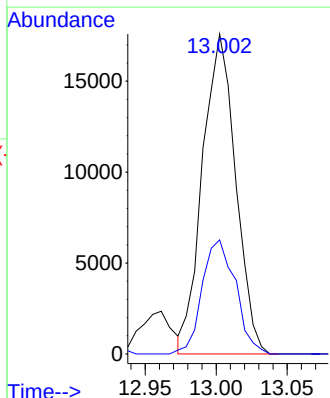
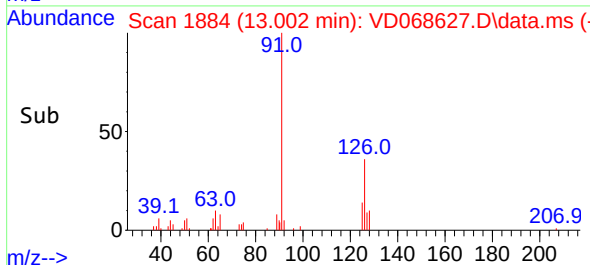
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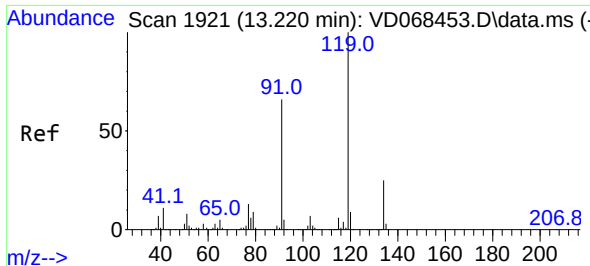


#82
4-Chlorotoluene
Concen: 2.63 ug/l
RT: 13.002 min Scan# 1884
Delta R.T. 0.001 min
Lab File: VD068627.D
Acq: 16 Mar 2021 13:06



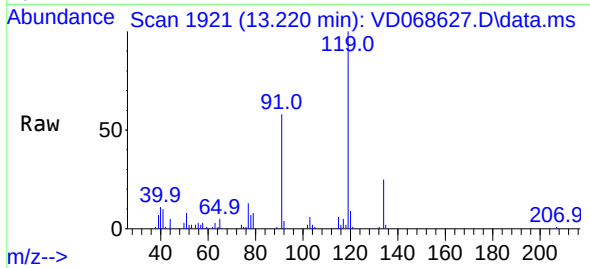
Tgt Ion: 91 Resp: 28588
Ion Ratio Lower Upper
91 100
126 35.9 17.7 53.1





#83
tert-Butylbenzene
Concen: 2.69 ug/l
RT: 13.220 min Scan# 1921
Delta R.T. 0.001 min
Lab File: VD068627.D
Acq: 16 Mar 2021 13:06

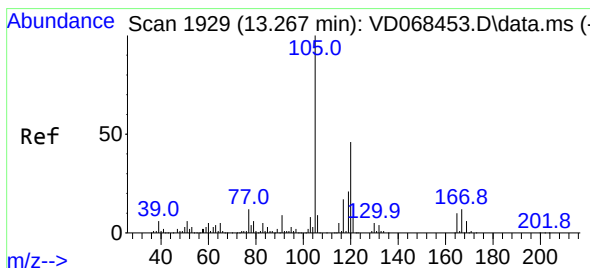
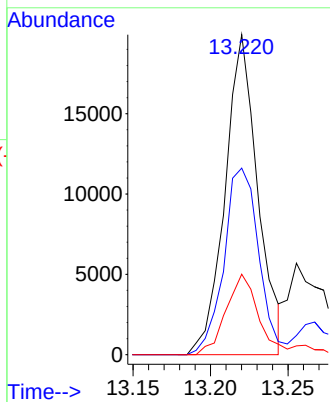
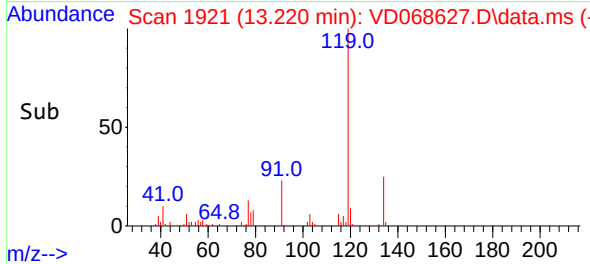
Instrument :
MSVOA_D
ClientSampleId :
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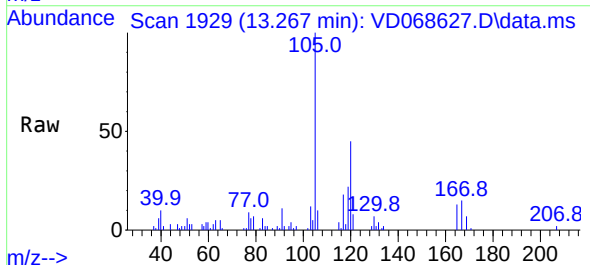
Tgt Ion:119 Resp: 29325
Ion Ratio Lower Upper
119 100
91 62.1 31.1 93.5
134 24.6 13.3 39.8

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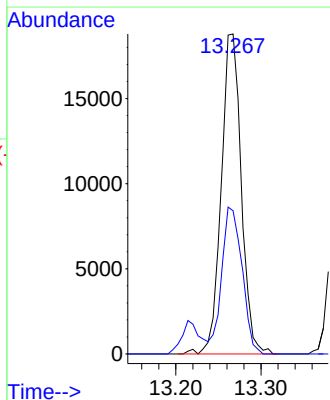
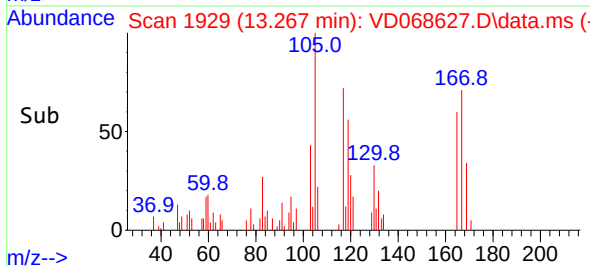
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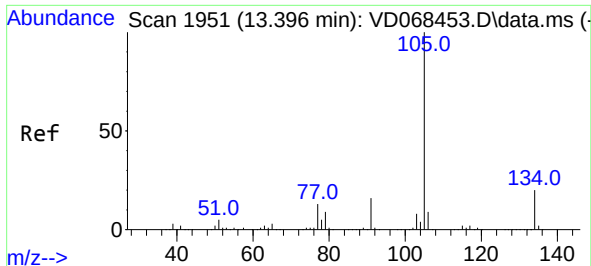


#84
1,2,4-Trimethylbenzene
Concen: 2.40 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. 0.001 min
Lab File: VD068627.D
Acq: 16 Mar 2021 13:06



Tgt Ion:105 Resp: 30745
Ion Ratio Lower Upper
105 100
120 46.6 22.4 67.0





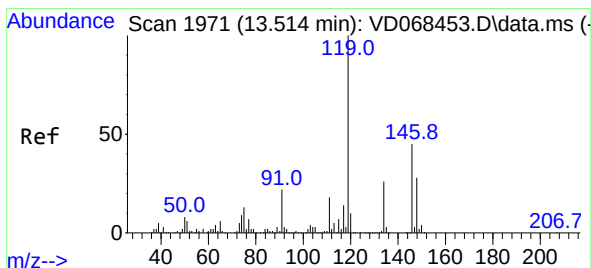
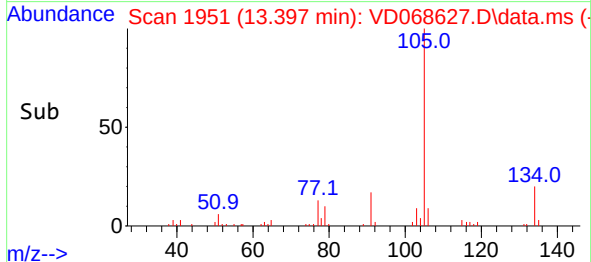
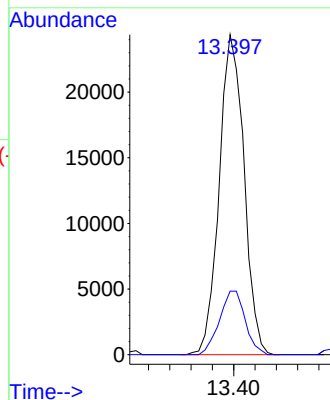
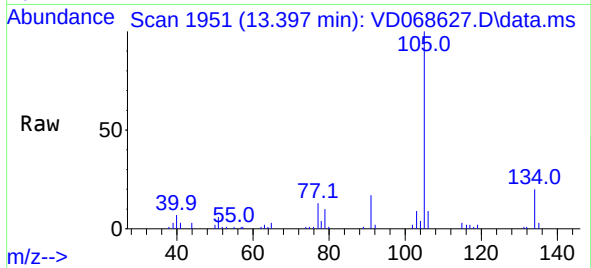
#85
sec-Butylbenzene
Concen: 2.56 ug/l
RT: 13.397 min Scan# 1951
Delta R.T. 0.001 min
Lab File: VD068627.D
Acq: 16 Mar 2021 13:06

Tgt Ion:105 Resp: 39327
Ion Ratio Lower Upper
105 100
134 20.6 10.3 30.9

Instrument :
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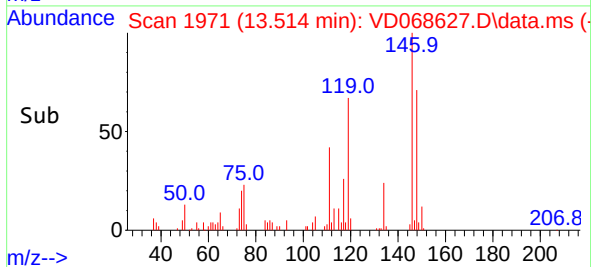
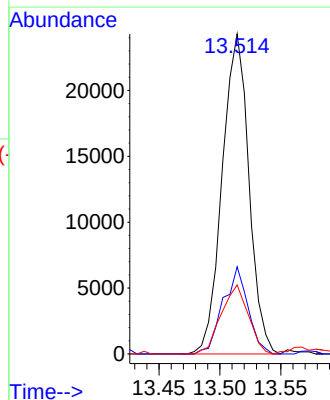
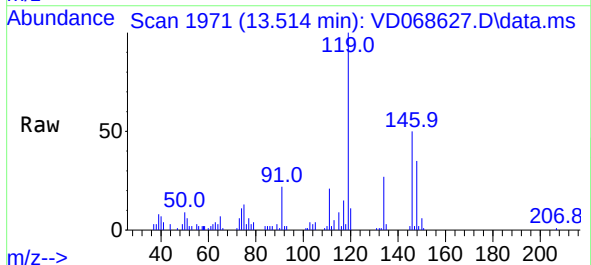
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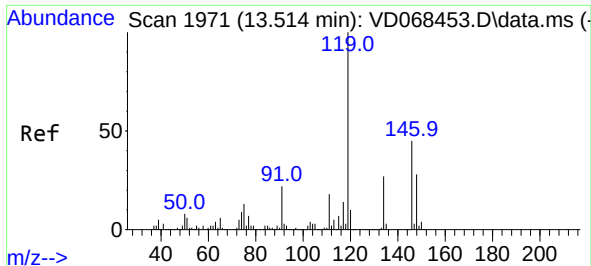
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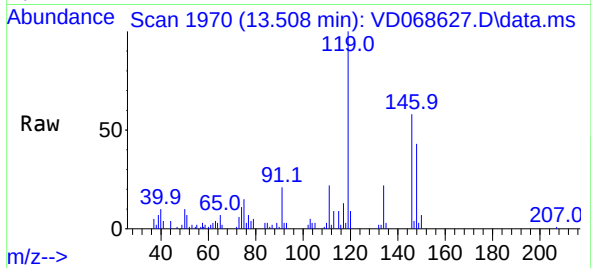
#86
p-Isopropyltoluene
Concen: 2.65 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. 0.001 min
Lab File: VD068627.D
Acq: 16 Mar 2021 13:06

Tgt Ion:119 Resp: 37075
Ion Ratio Lower Upper
119 100
134 25.4 12.9 38.7
91 21.9 11.7 35.0

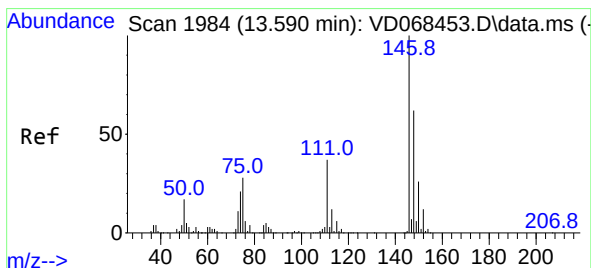
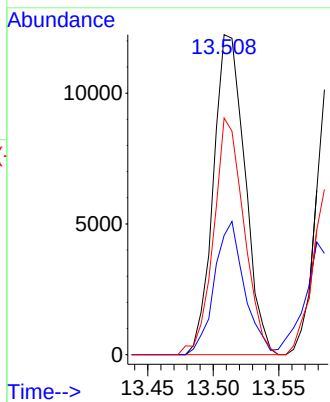
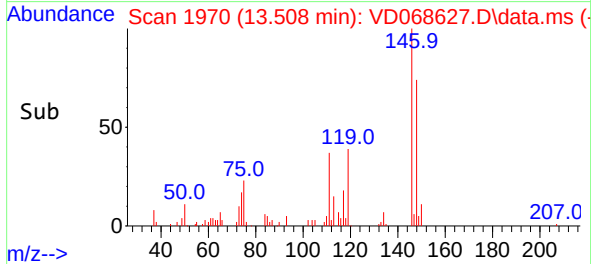




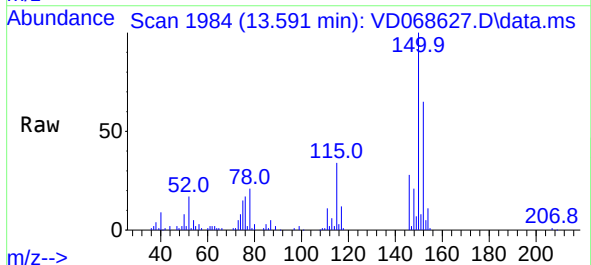
#87
1,3-Dichlorobenzene
Concen: 2.97 ug/l
RT: 13.508 min Scan# 1970
Delta R.T. -0.005 min
Lab File: VD068627.D
Acq: 16 Mar 2021 13:06



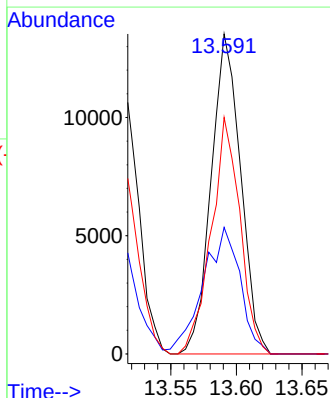
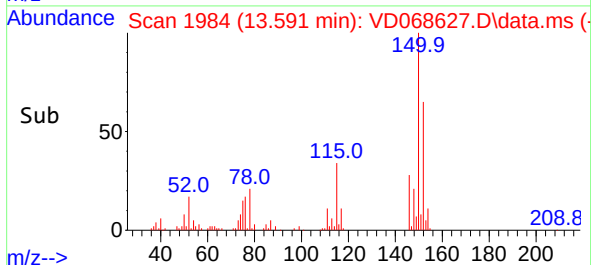
Tgt Ion:146 Resp: 20433
Ion Ratio Lower Upper
146 100
111 39.7 19.5 58.5
148 71.2 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 3.10 ug/l
RT: 13.591 min Scan# 1984
Delta R.T. 0.001 min
Lab File: VD068627.D
Acq: 16 Mar 2021 13:06



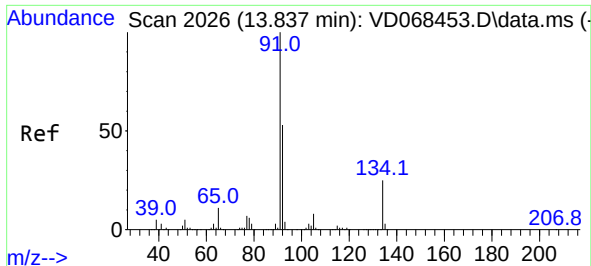
Tgt Ion:146 Resp: 21138
Ion Ratio Lower Upper
146 100
111 49.9 19.1 57.1
148 72.2 31.9 95.7



Instrument :
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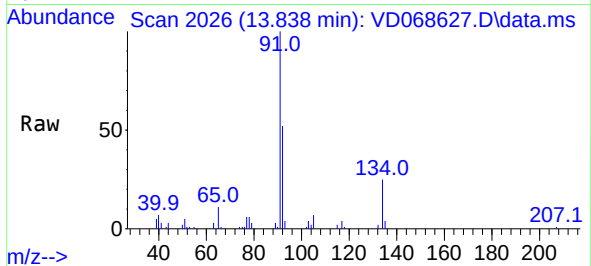
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#89
n-Butylbenzene
Concen: 2.63 ug/l
RT: 13.838 min Scan# 2026
Delta R.T. 0.001 min
Lab File: VD068627.D
Acq: 16 Mar 2021 13:06

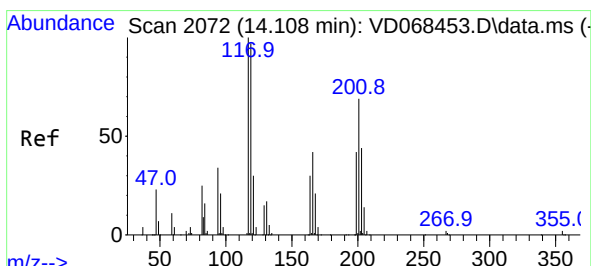
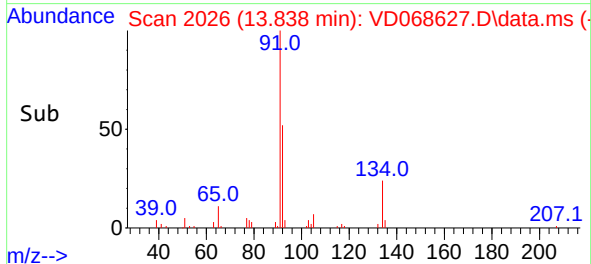
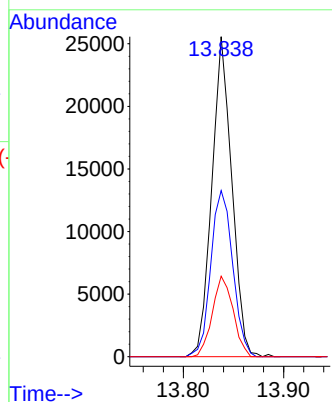
Instrument :
MSVOA_D
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Tgt Ion:	91	Resp:	35445
Ion Ratio	Lower	Upper	
91	100		
92	56.9	27.2	81.6
134	26.1	13.9	41.7

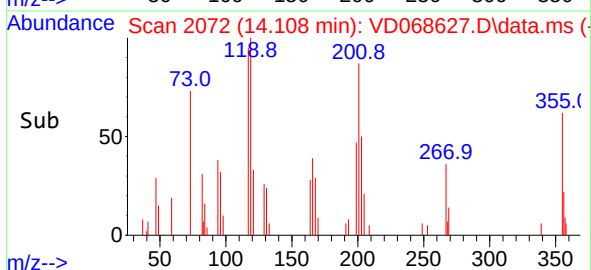
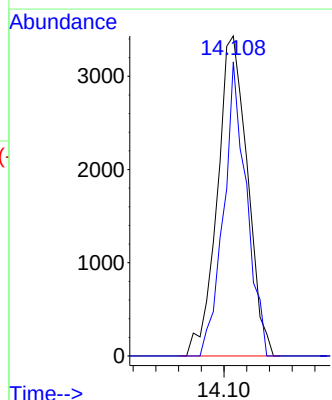
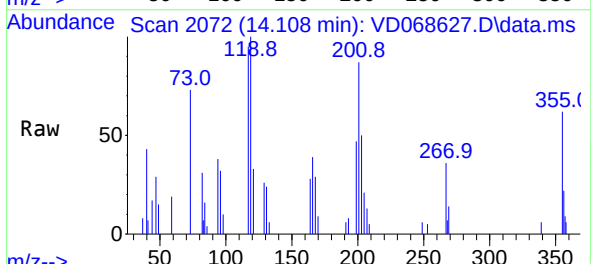
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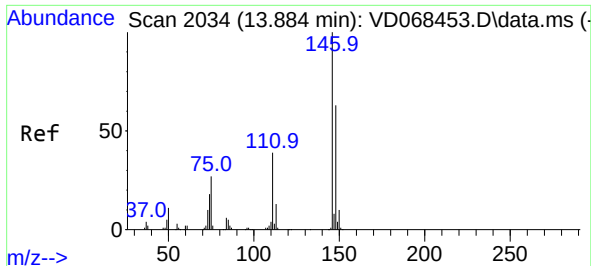
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#90
Hexachloroethane
Concen: 2.27 ug/l
RT: 14.108 min Scan# 2072
Delta R.T. 0.001 min
Lab File: VD068627.D
Acq: 16 Mar 2021 13:06

Tgt Ion:	117	Resp:	6311
Ion Ratio	Lower	Upper	
117	100		
201	69.6	39.5	118.5





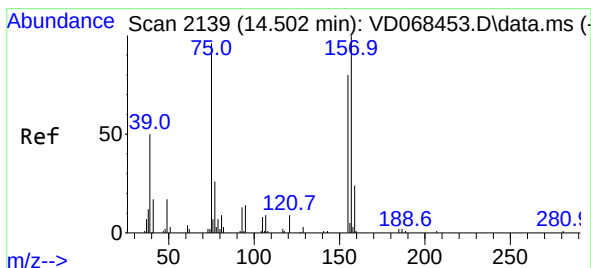
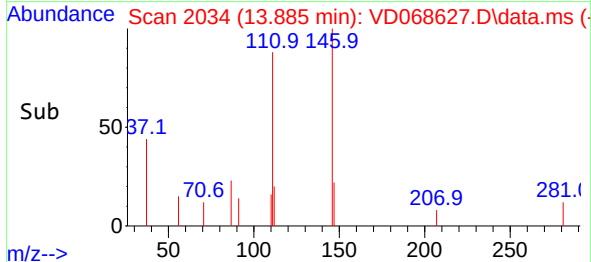
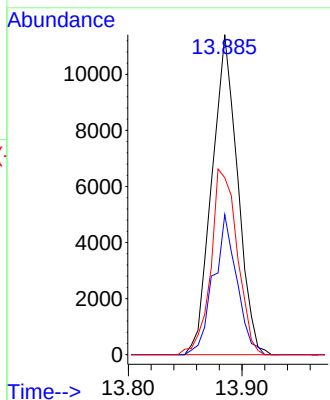
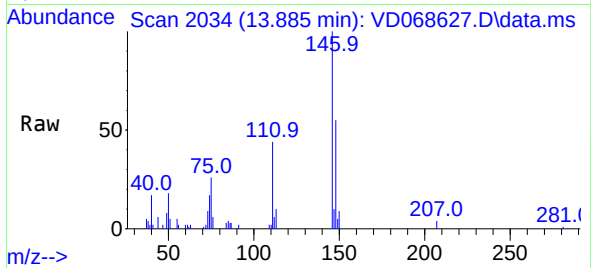
#91
1,2-Dichlorobenzene
Concen: 3.04 ug/l
RT: 13.885 min Scan# 2034
Delta R.T. 0.001 min
Lab File: VD068627.D
Acq: 16 Mar 2021 13:06

Tgt Ion:146 Resp: 17951
Ion Ratio Lower Upper
146 100
111 39.7 20.3 60.9
148 59.5 31.7 95.1

Instrument :
MSVOA_D
ClientSampleId :
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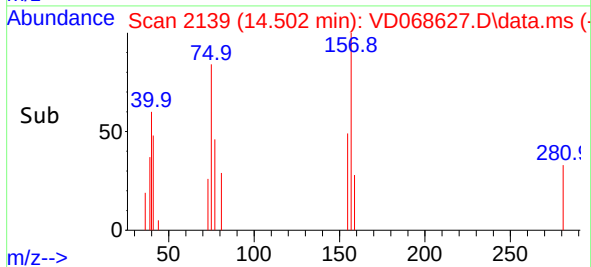
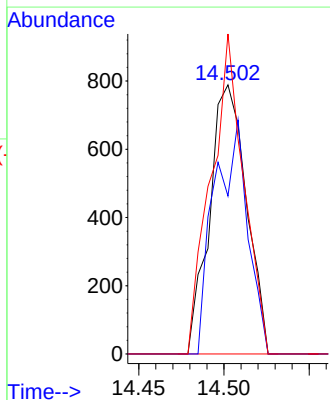
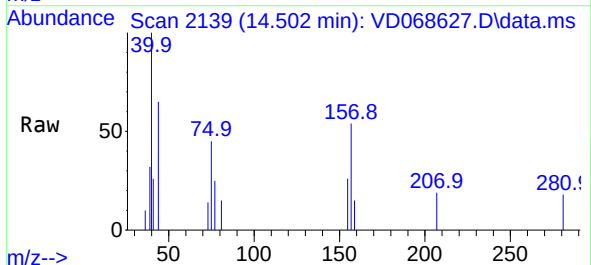
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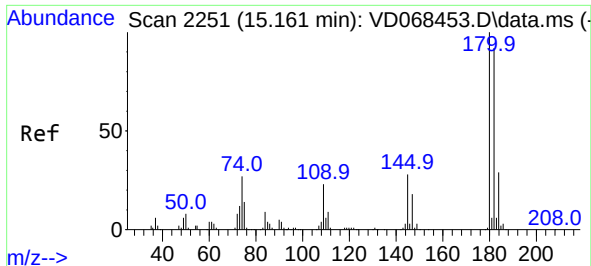
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#92
1,2-Dibromo-3-Chloropropane
Concen: 2.51 ug/l
RT: 14.502 min Scan# 2139
Delta R.T. 0.001 min
Lab File: VD068627.D
Acq: 16 Mar 2021 13:06

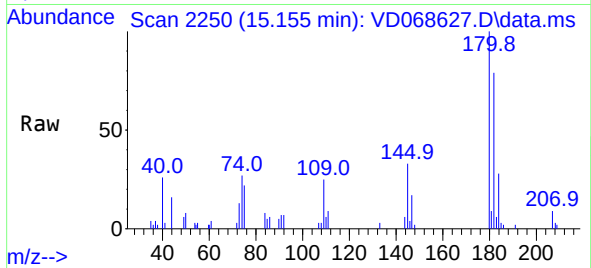
Tgt Ion: 75 Resp: 1189
Ion Ratio Lower Upper
75 100
155 78.2 48.0 144.2
157 106.0 65.0 194.8





#93
1,2,4-Trichlorobenzene
Concen: 2.94 ug/l
RT: 15.155 min Scan# 2250
Delta R.T. -0.005 min
Lab File: VD068627.D
Acq: 16 Mar 2021 13:06

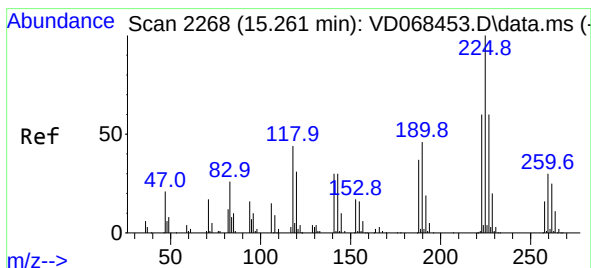
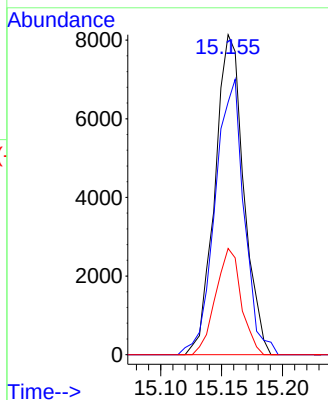
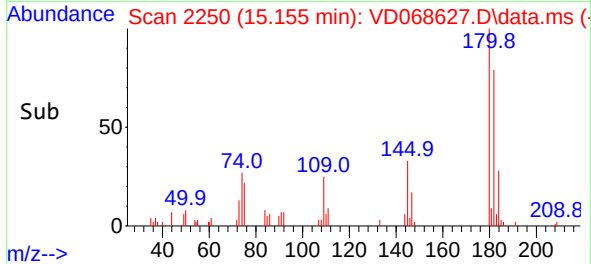
Instrument :
MSVOA_D
ClientSampleId :
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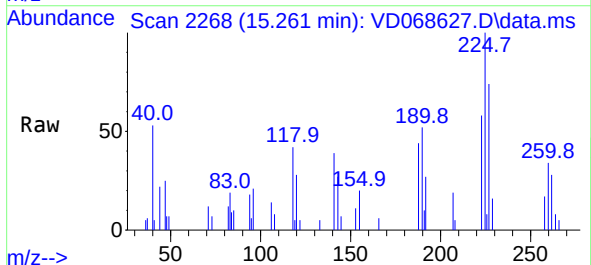
Tgt Ion:180 Resp: 13407
Ion Ratio Lower Upper
180 100
182 86.7 46.8 140.4
145 29.5 15.2 45.5

Manual Integrations
APPROVED

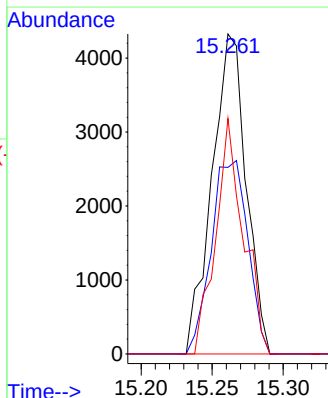
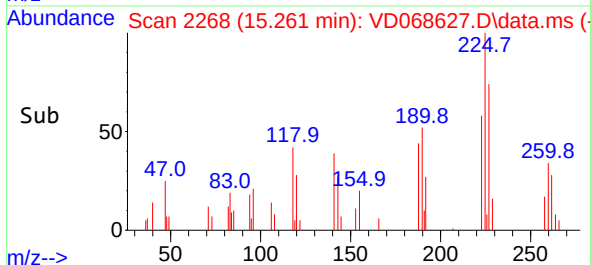
MMDadoda
3/17/2021 11:47:37 AM

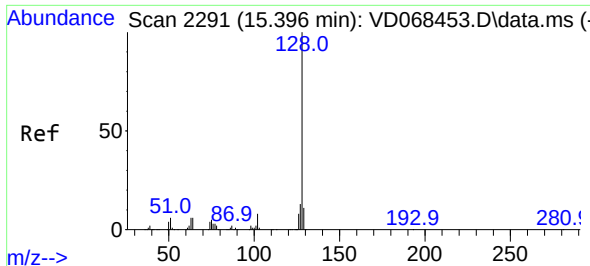


#94
Hexachlorobutadiene
Concen: 2.86 ug/l
RT: 15.261 min Scan# 2268
Delta R.T. 0.001 min
Lab File: VD068627.D
Acq: 16 Mar 2021 13:06



Tgt Ion:225 Resp: 7245
Ion Ratio Lower Upper
225 100
223 64.7 31.9 95.5
227 59.6 32.1 96.5





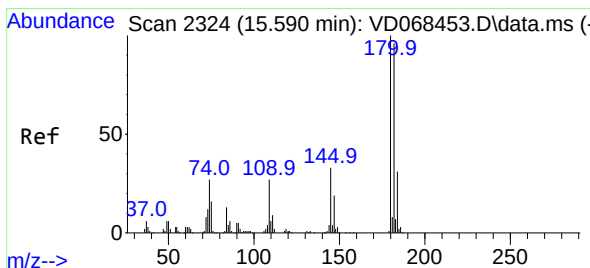
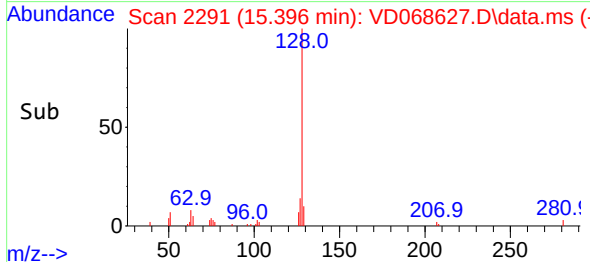
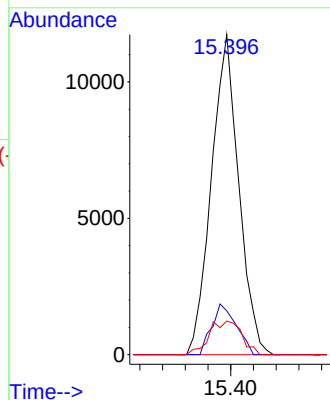
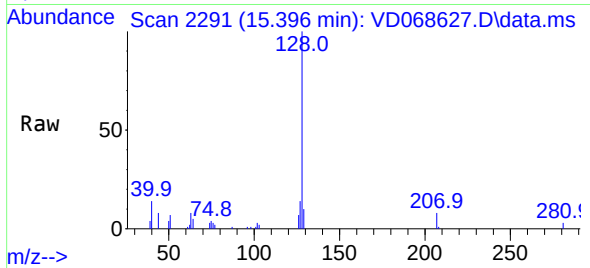
#95
Naphthalene
Concen: 2.38 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.001 min
Lab File: VD068627.D
Acq: 16 Mar 2021 13:06

Tgt Ion:	128	Resp:	19624
Ion	Ratio	Lower	Upper
128	100		
127	14.1	10.2	15.2
129	12.5	8.8	13.2

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

Manual Integrations
APPROVED

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#96
1,2,3-Trichlorobenzene
Concen: 2.67 ug/l
RT: 15.591 min Scan# 2324
Delta R.T. 0.001 min
Lab File: VD068627.D
Acq: 16 Mar 2021 13:06

Tgt Ion:	180	Resp:	10536
Ion	Ratio	Lower	Upper
180	100		
182	93.0	48.3	144.8
145	31.5	16.7	50.1

