

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051321\
 Data File : VD069152.D
 Acq On : 13 May 2021 12:51
 Operator : VA/SY
 Sample : M2262-03 4PPBMDL
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MDL-SOIL-03-QT2-2021

Manual Integrations
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Quant Time: May 14 02:04:41 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 14 02:03:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	270765	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	471547	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	446746	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	204319	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	151154	55.69	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.38%
35) Dibromofluoromethane	7.914	113	158952	51.80	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.60%
50) Toluene-d8	10.338	98	574012	50.91	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.82%
62) 4-Bromofluorobenzene	12.632	95	181578	50.05	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	100.10%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	12562	4.36	ug/l	99
3) Chloromethane	2.215	50	14889	4.50	ug/l	94
4) Vinyl Chloride	2.350	62	19981	4.58	ug/l	89
5) Bromomethane	2.773	94	17070	5.20	ug/l	86
6) Chloroethane	2.920	64	13746	4.90	ug/l	97
7) Trichlorofluoromethane	3.273	101	22983	4.32	ug/l	98
8) Diethyl Ether	3.709	74	5461	4.50	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.103	101	14670	4.87	ug/l #	69
10) Methyl Iodide	4.303	142	10528	3.66	ug/l #	91
11) Tert butyl alcohol	5.197	59	10902	58.77	ug/l #	73
12) 1,1-Dichloroethene	4.079	96	12047	4.45	ug/l	87
13) Acrolein	3.926	56	3998	18.10	ug/l	99
14) Allyl chloride	4.720	41	12774	4.30	ug/l	97
15) Acrylonitrile	5.420	53	9658	21.31	ug/l	96
16) Acetone	4.167	43	9315	22.41	ug/l	97
17) Carbon Disulfide	4.415	76	39744	4.43	ug/l #	93
18) Methyl Acetate	4.720	43	4865	4.82	ug/l #	74
19) Methyl tert-butyl Ether	5.479	73	19146	3.89	ug/l #	87
20) Methylene Chloride	4.962	84	32543	7.39	ug/l #	90
21) trans-1,2-Dichloroethene	5.485	96	14019	4.36	ug/l	84
22) Diisopropyl ether	6.367	45	23635	3.98	ug/l #	86
23) Vinyl Acetate	6.309	43	59597m	17.02	ug/l	
24) 1,1-Dichloroethane	6.267	63	23370	4.56	ug/l	94
25) 2-Butanone	7.214	43	11588	20.57	ug/l	99
26) 2,2-Dichloropropane	7.203	77	22513	4.70	ug/l	97
27) cis-1,2-Dichloroethene	7.208	96	15326	4.39	ug/l	97
28) Bromochloromethane	7.544	49	7535	4.12	ug/l	100
29) Tetrahydrofuran	7.561	42	5705	18.63	ug/l	90
30) Chloroform	7.714	83	27083	4.69	ug/l	94
31) Cyclohexane	7.985	56	22192	5.52	ug/l #	81
32) 1,1,1-Trichloroethane	7.908	97	24427	4.66	ug/l	99
36) 1,1-Dichloropropene	8.114	75	18726	4.08	ug/l	98
37) Ethyl Acetate	7.303	43	6551	4.45	ug/l #	88
38) Carbon Tetrachloride	8.103	117	21167	4.13	ug/l	96
39) Methylcyclohexane	9.355	83	17614	3.64	ug/l	89
40) Benzene	8.355	78	56050	4.27	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	2962	3.78	ug/l #	80
42) 1,2-Dichloroethane	8.426	62	15802	4.41	ug/l	94
43) Isopropyl Acetate	8.450	43	10983	4.11	ug/l	95
44) Trichloroethene	9.108	130	16512	4.50	ug/l	84
45) 1,2-Dichloropropane	9.385	63	12630	4.07	ug/l	94
46) Dibromomethane	9.473	93	7639	4.12	ug/l	94
47) Bromodichloromethane	9.667	83	20140	4.27	ug/l	95
48) Methyl methacrylate	9.455	41	5064	4.09	ug/l	90
49) 1,4-Dioxane	9.461	88	1200	68.86	ug/l #	79
51) 4-Methyl-2-Pentanone	10.232	43	25396	18.45	ug/l	96
52) Toluene	10.402	92	34467	4.07	ug/l	92
53) t-1,3-Dichloropropene	10.620	75	16111	3.89	ug/l	92
54) cis-1,3-Dichloropropene	10.091	75	18486	3.73	ug/l	93
55) 1,1,2-Trichloroethane	10.802	97	12042	4.82	ug/l	92
56) Ethyl methacrylate	10.661	69	8926	3.58	ug/l	98
57) 1,3-Dichloropropane	10.944	76	17500	4.34	ug/l	94
58) 2-Chloroethyl Vinyl ether	9.944	63	20343	16.45	ug/l	98
59) 2-Hexanone	10.985	43	16561	18.03	ug/l	91
60) Dibromochloromethane	11.138	129	13373	4.17	ug/l	98
61) 1,2-Dibromoethane	11.244	107	10157	4.12	ug/l	99
64) Tetrachloroethene	10.873	164	14848	4.78	ug/l	97
65) Chlorobenzene	11.673	112	39028	4.22	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.738	131	14314	4.10	ug/l	96
67) Ethyl Benzene	11.744	91	59188	3.71	ug/l	95
68) m/p-Xylenes	11.849	106	43751	7.01	ug/l	96
69) o-Xylene	12.179	106	20630	3.71	ug/l	92
70) Styrene	12.191	104	33560	3.46	ug/l	95
71) Bromoform	12.361	173	7683	4.23	ug/l #	95
73) Isopropylbenzene	12.479	105	49769	3.49	ug/l	98
74) N-amyl acetate	12.285	43	8663	3.71	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.726	83	12447	4.81	ug/l	97
76) 1,2,3-Trichloropropane	12.779	75	7219m	4.70	ug/l	
77) Bromobenzene	12.755	156	14995	4.43	ug/l	99
78) n-propylbenzene	12.814	91	69326	4.02	ug/l	98
79) 2-Chlorotoluene	12.908	91	37562	3.92	ug/l	97
80) 1,3,5-Trimethylbenzene	12.955	105	42970	3.65	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.526	75	3127	4.11	ug/l	92
82) 4-Chlorotoluene	13.002	91	42022	4.11	ug/l	94
83) tert-Butylbenzene	13.220	119	38264	3.90	ug/l	96
84) 1,2,4-Trimethylbenzene	13.261	105	41907	3.54	ug/l	96
85) sec-Butylbenzene	13.396	105	52291	3.54	ug/l	98
86) p-Isopropyltoluene	13.514	119	47093	3.63	ug/l	99
87) 1,3-Dichlorobenzene	13.514	146	28898	4.21	ug/l	97
88) 1,4-Dichlorobenzene	13.590	146	31508	4.64	ug/l	95
89) n-Butylbenzene	13.838	91	45054	3.73	ug/l	96
90) Hexachloroethane	14.108	117	11223	4.62	ug/l	95
91) 1,2-Dichlorobenzene	13.885	146	24713	4.20	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.496	75	1754	4.37	ug/l	95
93) 1,2,4-Trichlorobenzene	15.155	180	13624	3.77	ug/l	95
94) Hexachlorobutadiene	15.267	225	8632	3.98	ug/l	91
95) Naphthalene	15.396	128	21461	3.55	ug/l	97
96) 1,2,3-Trichlorobenzene	15.585	180	12468	4.04	ug/l	95

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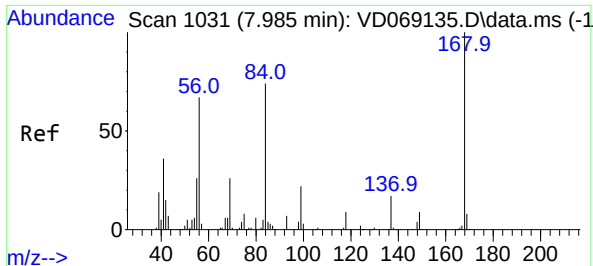
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Response via : Initial Calibration

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



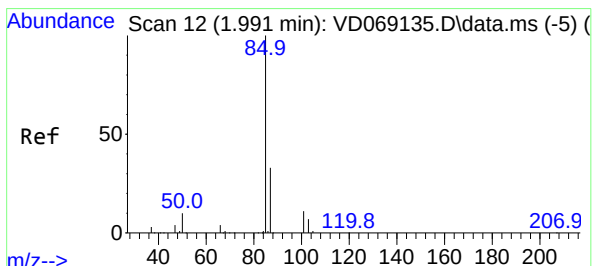
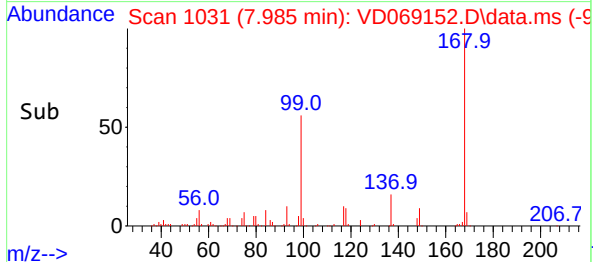
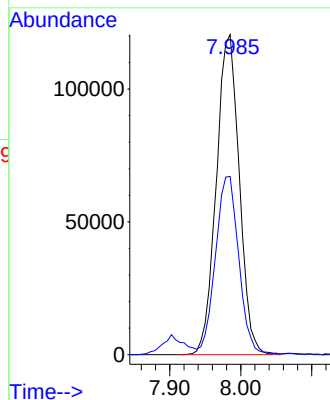
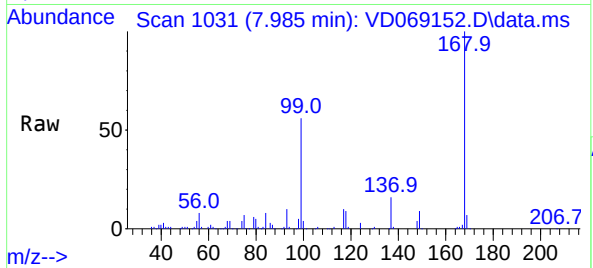
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Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD069152.D
Acq: 13 May 2021 12:51

Tgt Ion: 168 Resp: 270765
Ion Ratio Lower Upper
168 100
99 55.5 47.2 70.8

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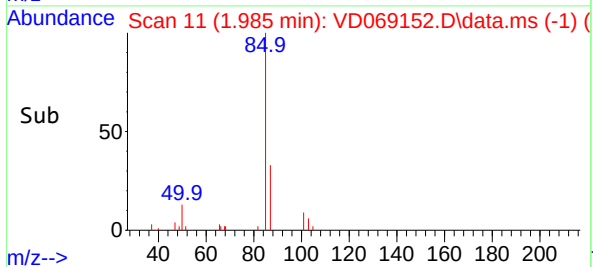
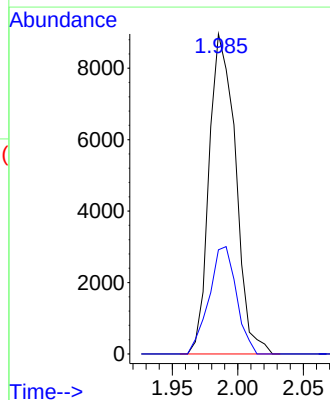
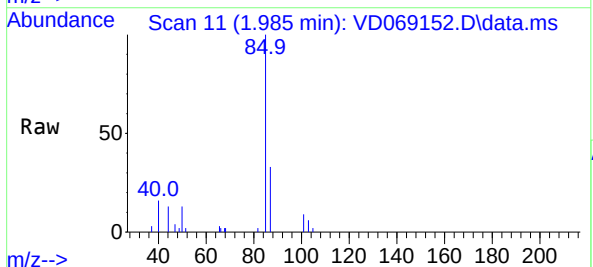
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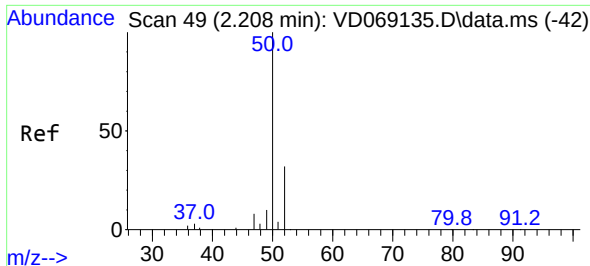
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#2
Dichlorodifluoromethane
Concen: 4.36 ug/l
RT: 1.985 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD069152.D
Acq: 13 May 2021 12:51

Tgt Ion: 85 Resp: 12562
Ion Ratio Lower Upper
85 100
87 32.6 16.5 49.5





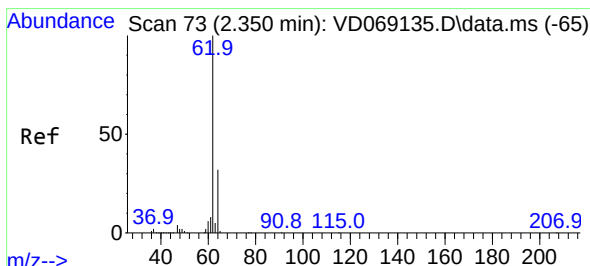
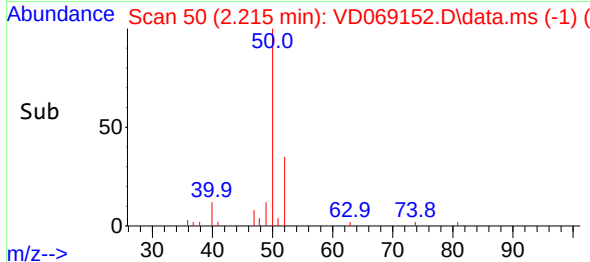
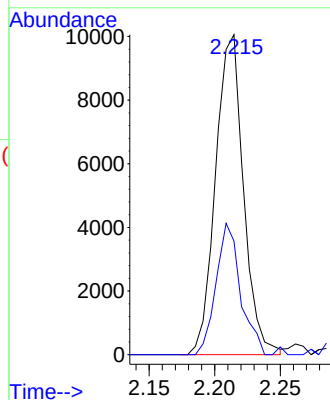
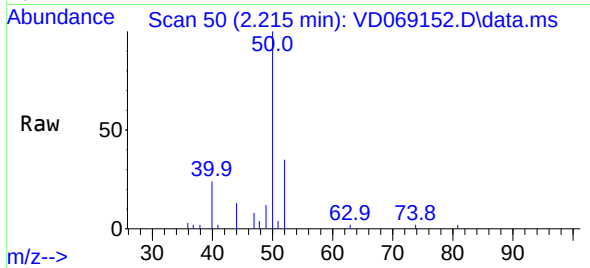
#3
Chloromethane
Concen: 4.50 ug/l
RT: 2.215 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD069152.D
Acq: 13 May 2021 12:51

Tgt Ion: 50 Resp: 14889
Ion Ratio Lower Upper
50 100
52 35.5 25.8 38.8

Instrument :
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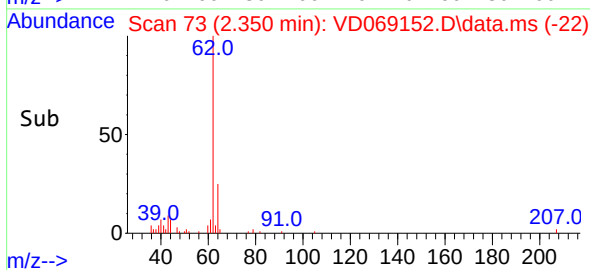
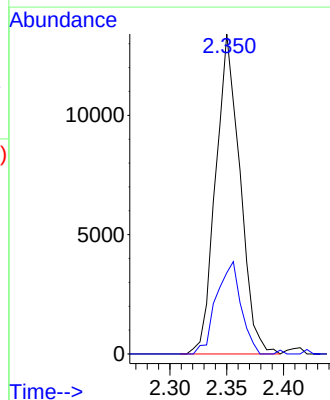
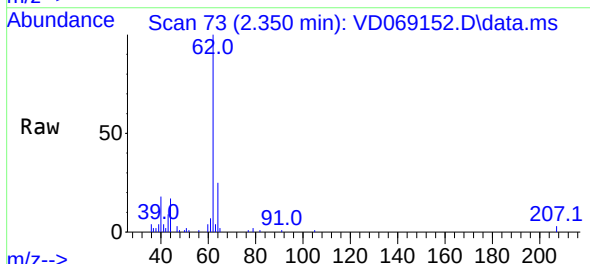
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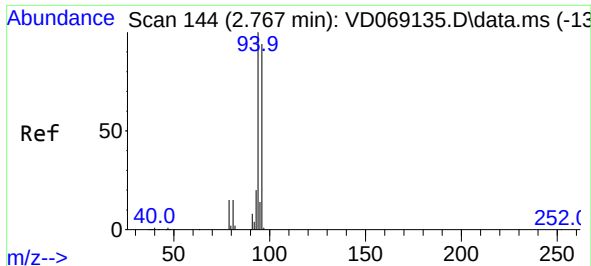
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#4
Vinyl Chloride
Concen: 4.58 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.000 min
Lab File: VD069152.D
Acq: 13 May 2021 12:51

Tgt Ion: 62 Resp: 19981
Ion Ratio Lower Upper
62 100
64 25.3 25.3 37.9





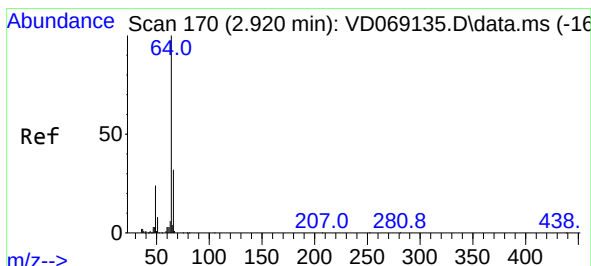
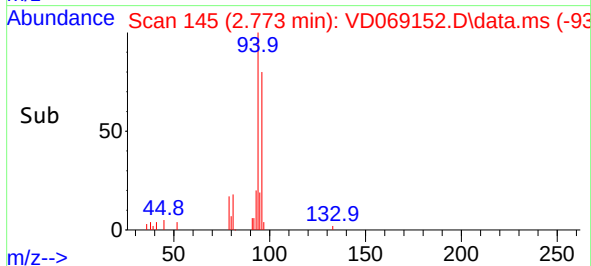
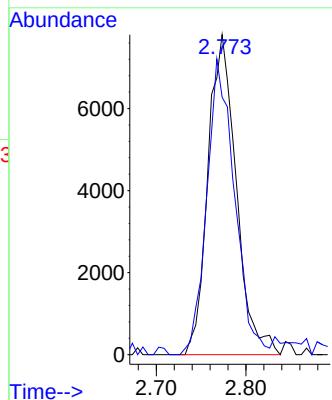
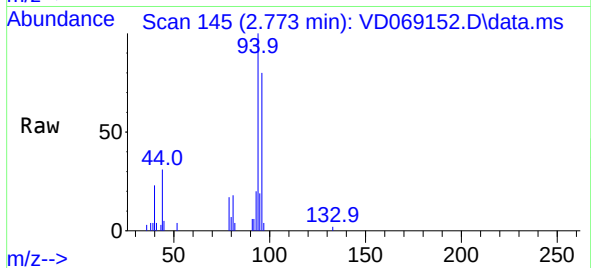
#5
Bromomethane
Concen: 5.20 ug/l
RT: 2.773 min Scan# 145
Delta R.T. 0.006 min
Lab File: VD069152.D
Acq: 13 May 2021 12:51

Tgt Ion: 94 Resp: 17070
Ion Ratio Lower Upper
94 100
96 80.4 75.4 113.0

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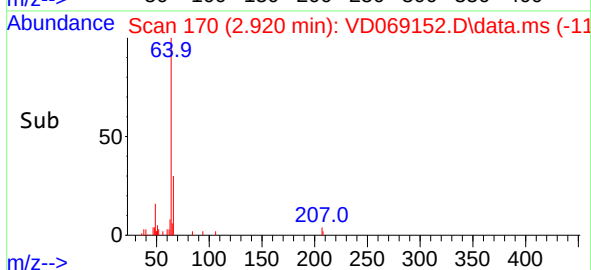
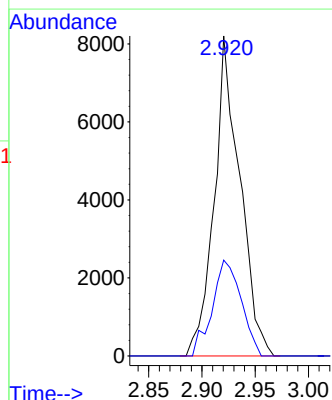
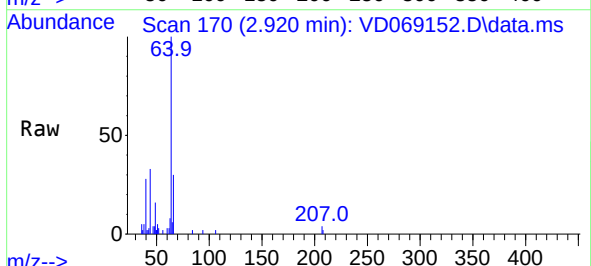
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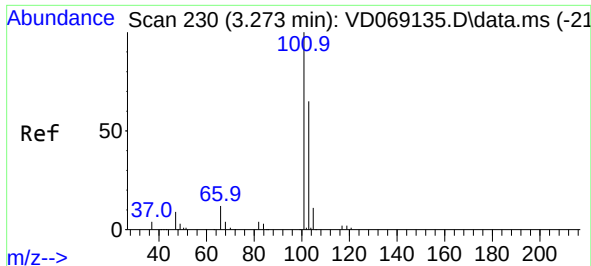
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#6
Chloroethane
Concen: 4.90 ug/l
RT: 2.920 min Scan# 170
Delta R.T. 0.000 min
Lab File: VD069152.D
Acq: 13 May 2021 12:51

Tgt Ion: 64 Resp: 13746
Ion Ratio Lower Upper
64 100
66 30.0 25.2 37.8





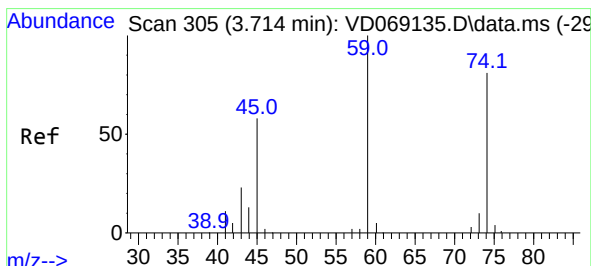
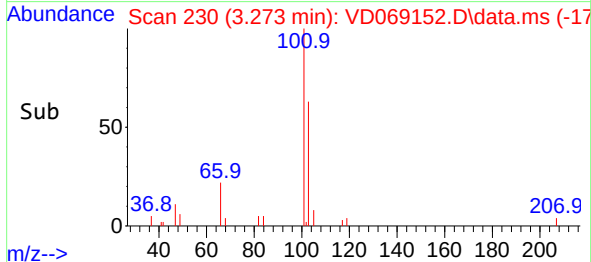
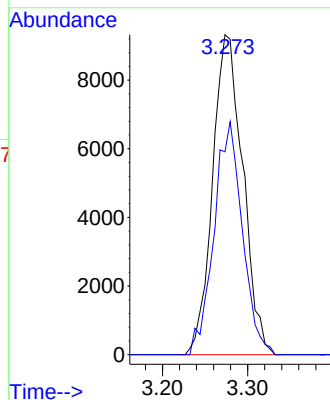
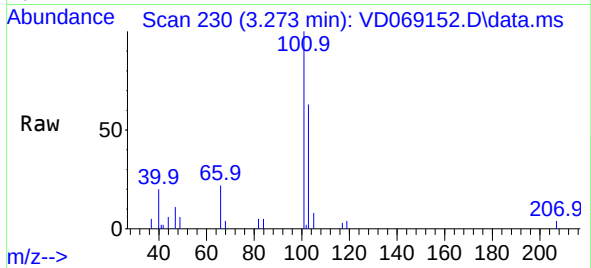
#7
Trichlorofluoromethane
Concen: 4.32 ug/l
RT: 3.273 min Scan# 230
Delta R.T. 0.000 min
Lab File: VD069152.D
Acq: 13 May 2021 12:51

Tgt Ion:101 Resp: 22983
Ion Ratio Lower Upper
101 100
103 63.4 51.9 77.9

Instrument :
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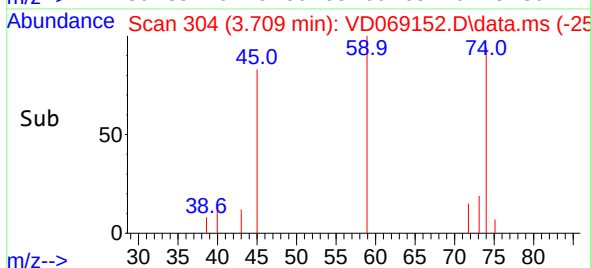
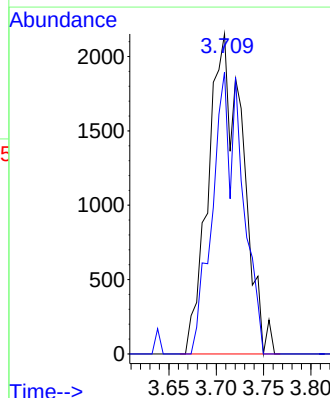
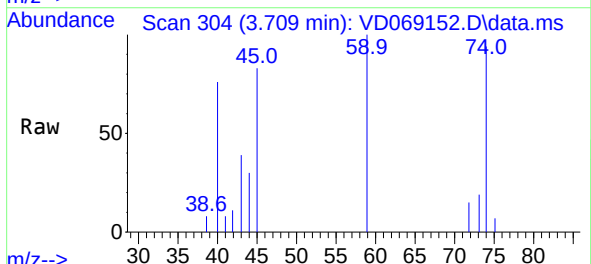
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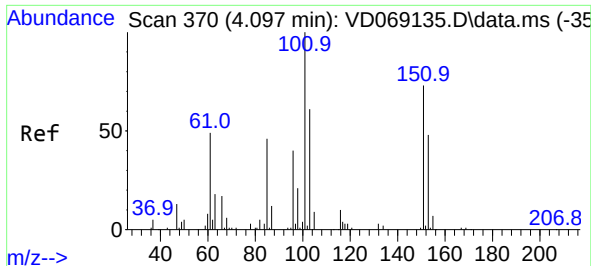
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#8
Diethyl Ether
Concen: 4.50 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.006 min
Lab File: VD069152.D
Acq: 13 May 2021 12:51

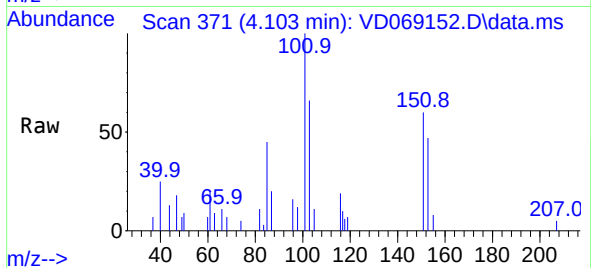
Tgt Ion: 74 Resp: 5461
Ion Ratio Lower Upper
74 100
45 75.8 38.1 114.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.87 ug/l
RT: 4.103 min Scan# 371
Delta R.T. 0.006 min
Lab File: VD069152.D
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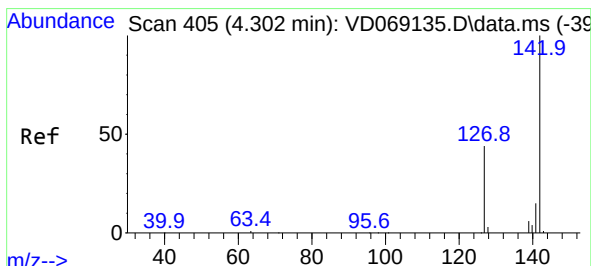
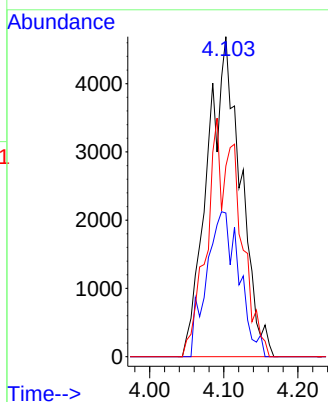
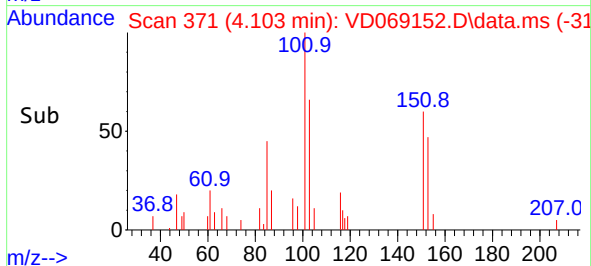
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ClientSampleId :
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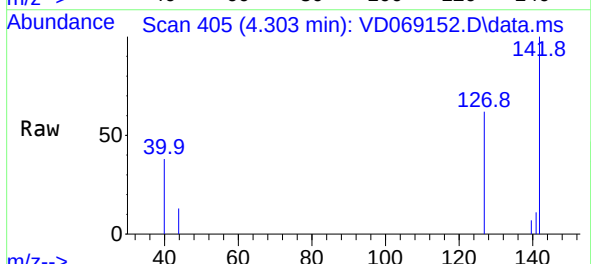
Tgt Ion:101 Resp: 14670
Ion Ratio Lower Upper
101 100
85 44.2 35.2 52.8
151 34.1 60.6 91.0#

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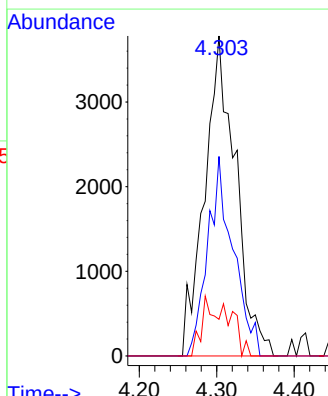
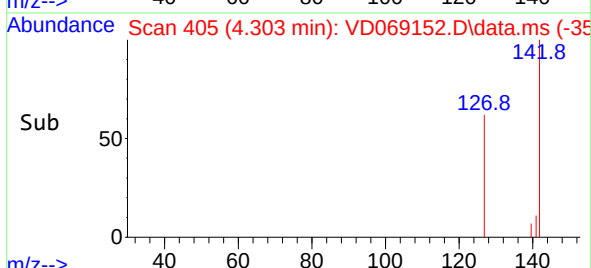
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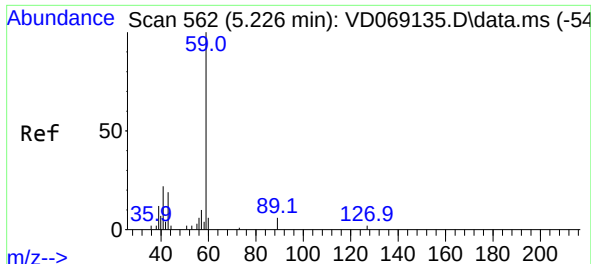


#10
Methyl Iodide
Concen: 3.66 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.001 min
Lab File: VD069152.D
Acq: 13 May 2021 12:51



Tgt Ion:142 Resp: 10528
Ion Ratio Lower Upper
142 100
127 51.0 37.3 55.9
141 8.6 12.2 18.4#





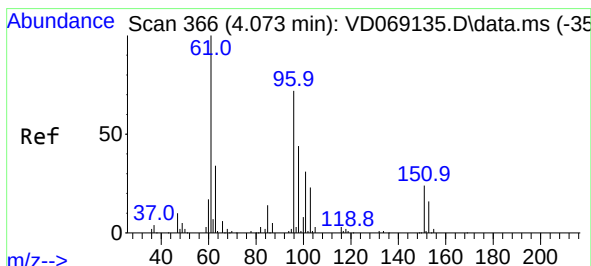
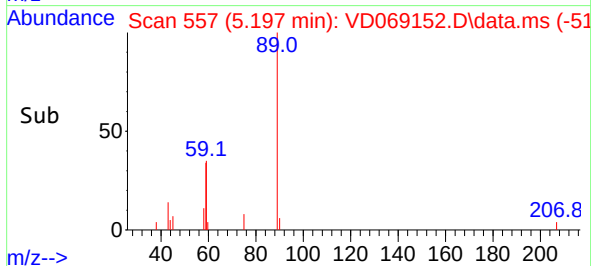
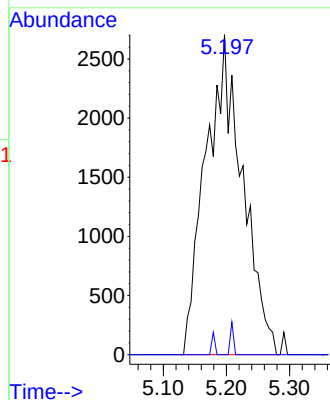
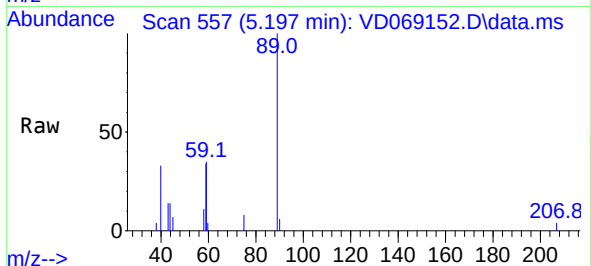
#11
Tert butyl alcohol
Concen: 58.77 ug/l
RT: 5.197 min Scan# 557
Delta R.T. -0.029 min
Lab File: VD069152.D
Acq: 13 May 2021 12:51

Tgt Ion: 59 Resp: 10902
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

Instrument :
MSVOA_D
ClientSampleId :
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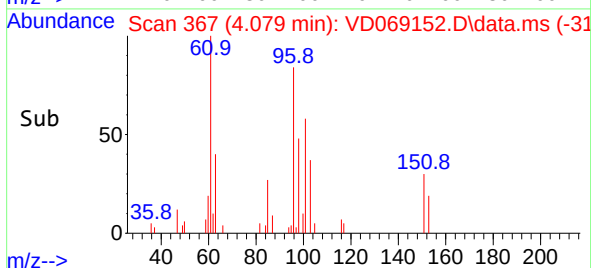
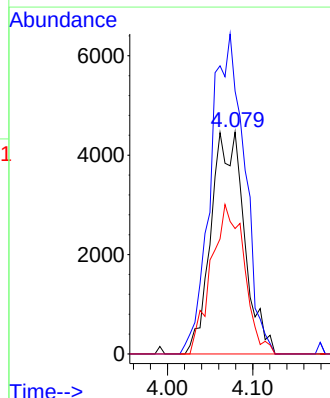
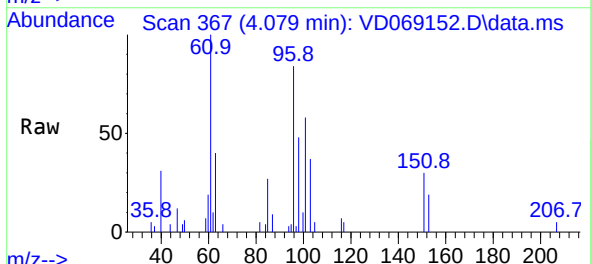
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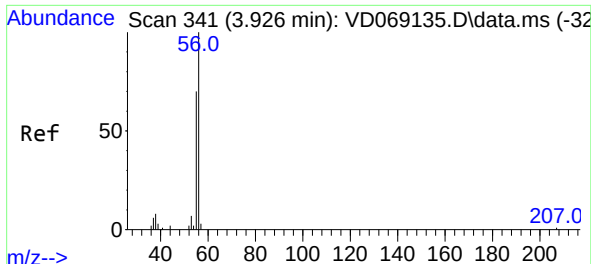
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#12
1,1-Dichloroethene
Concen: 4.45 ug/l
RT: 4.079 min Scan# 367
Delta R.T. 0.006 min
Lab File: VD069152.D
Acq: 13 May 2021 12:51

Tgt Ion: 96 Resp: 12047
Ion Ratio Lower Upper
96 100
61 118.5 111.1 166.7
98 56.5 48.4 72.6





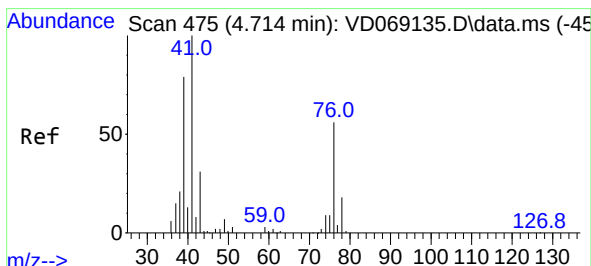
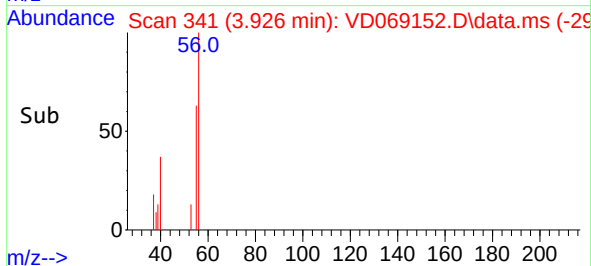
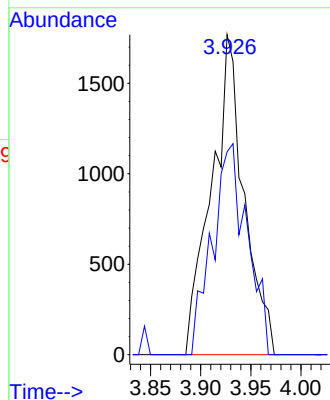
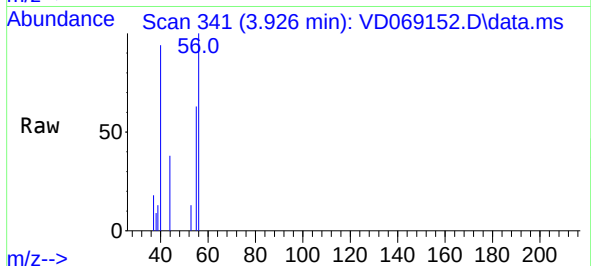
#13
Acrolein
Concen: 18.10 ug/l
RT: 3.926 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD069152.D
Acq: 13 May 2021 12:51

Tgt Ion: 56 Resp: 3998
Ion Ratio Lower Upper
56 100
55 70.5 56.9 85.3

Instrument :
MSVOA_D
ClientSampleId :
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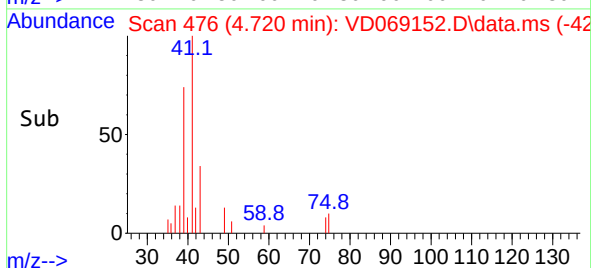
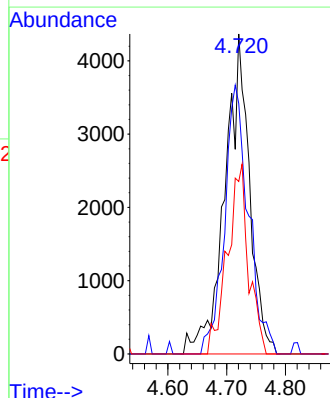
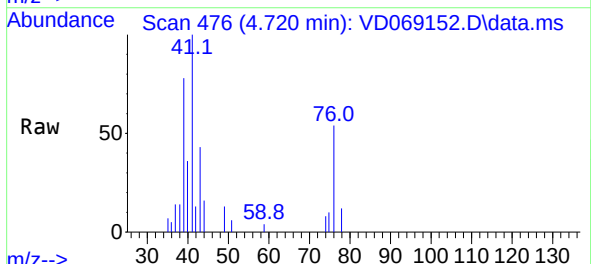
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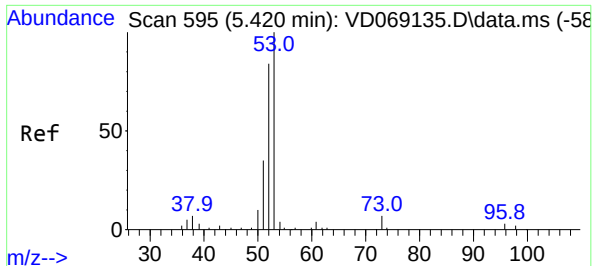
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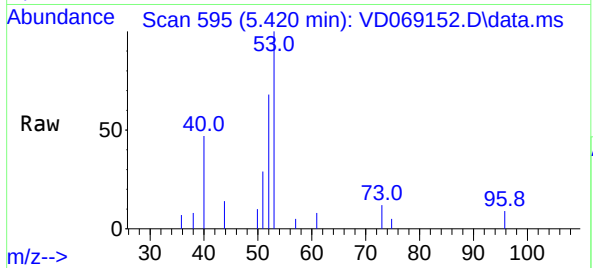
#14
Allyl chloride
Concen: 4.30 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.006 min
Lab File: VD069152.D
Acq: 13 May 2021 12:51

Tgt Ion: 41 Resp: 12774
Ion Ratio Lower Upper
41 100
39 81.5 64.3 96.5
76 50.5 43.6 65.4

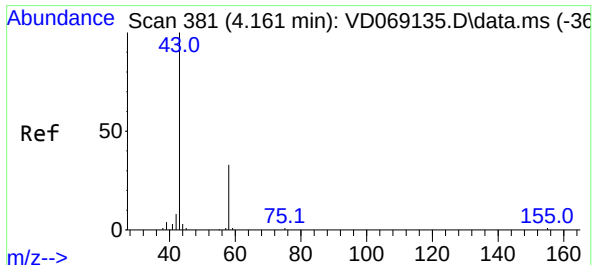
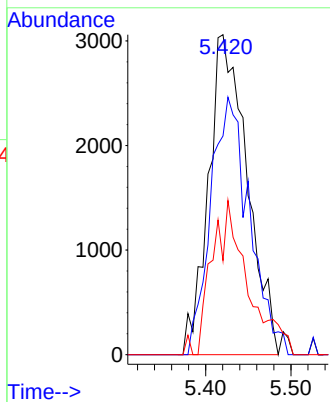
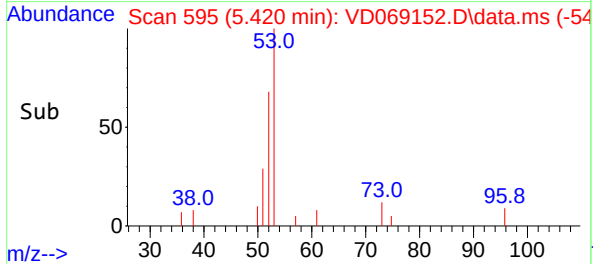




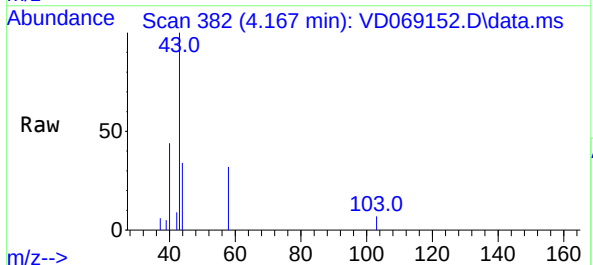
#15
Acrylonitrile
Concen: 21.31 ug/l
RT: 5.420 min Scan# 595
Delta R.T. 0.000 min
Lab File: VD069152.D
Acq: 13 May 2021 12:51



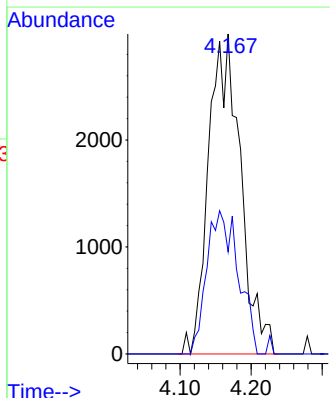
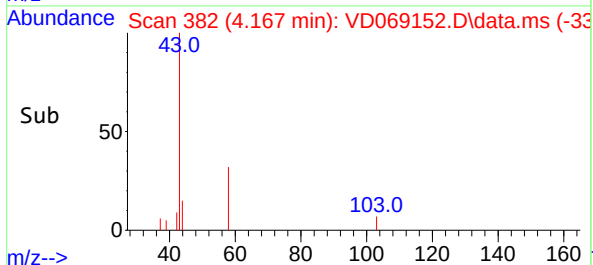
Tgt Ion:	53	Resp:	9658
Ion	Ratio	Lower	Upper
53	100		
52	80.8	64.5	96.7
51	44.9	30.4	45.6



#16
Acetone
Concen: 22.41 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD069152.D
Acq: 13 May 2021 12:51



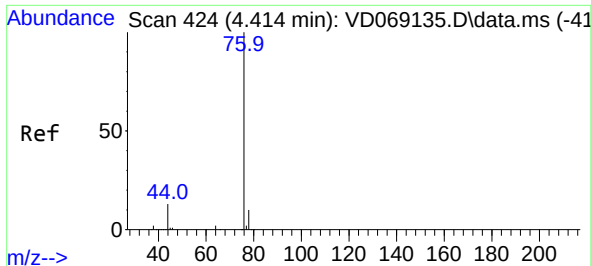
Tgt Ion:	43	Resp:	9315
Ion	Ratio	Lower	Upper
43	100		
58	31.9	26.7	40.1



Instrument :
MSVOA_D
ClientSampleId :
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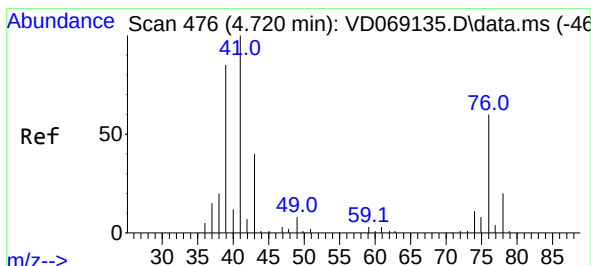
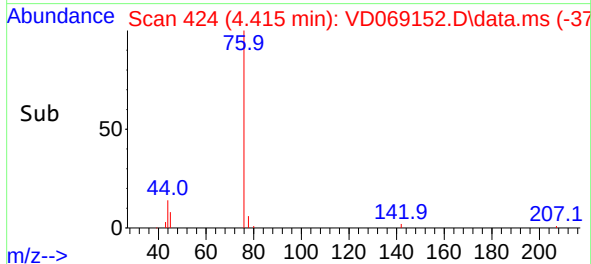
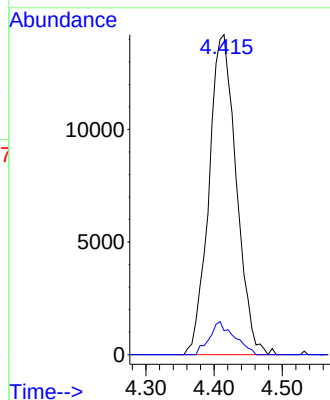
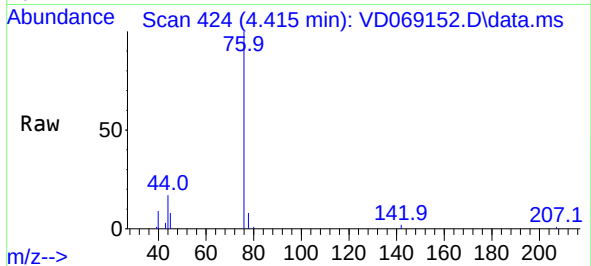
#17
Carbon Disulfide
Concen: 4.43 ug/l
RT: 4.415 min Scan# 424
Delta R.T. 0.000 min
Lab File: VD069152.D
Acq: 13 May 2021 12:51

Tgt Ion: 76 Resp: 39744
Ion Ratio Lower Upper
76 100
78 7.5 8.1 12.1#

Instrument :
MSVOA_D
ClientSampleId :
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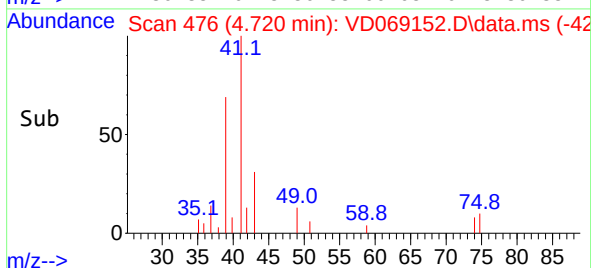
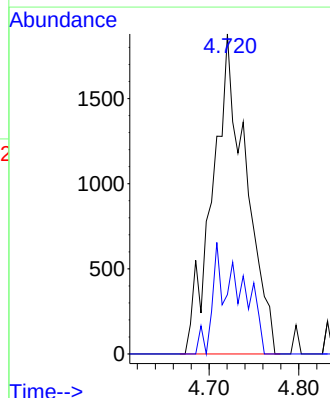
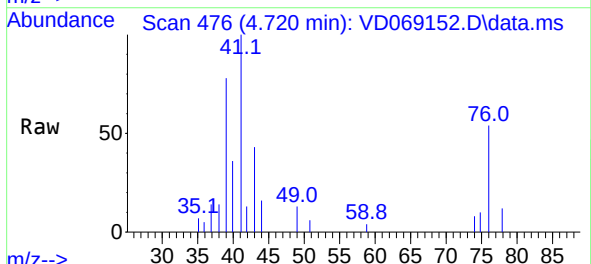
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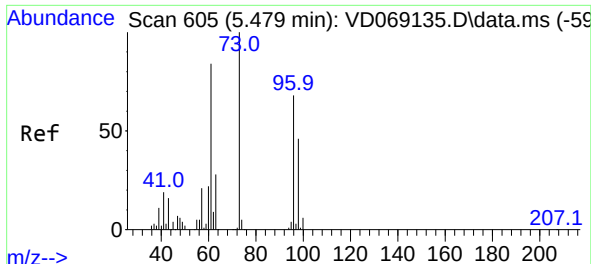
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#18
Methyl Acetate
Concen: 4.82 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.000 min
Lab File: VD069152.D
Acq: 13 May 2021 12:51

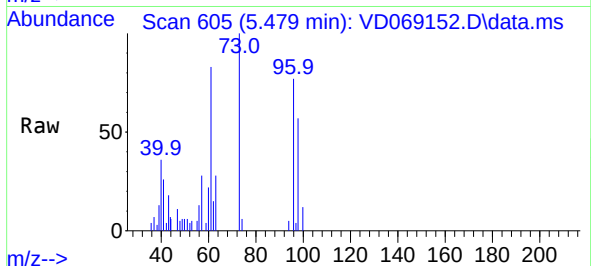
Tgt Ion: 43 Resp: 4865
Ion Ratio Lower Upper
43 100
74 15.9 23.8 35.6#





#19
Methyl tert-butyl Ether
Concen: 3.89 ug/l
RT: 5.479 min Scan# 605
Delta R.T. 0.000 min
Lab File: VD069152.D
Acq: 13 May 2021 12:51

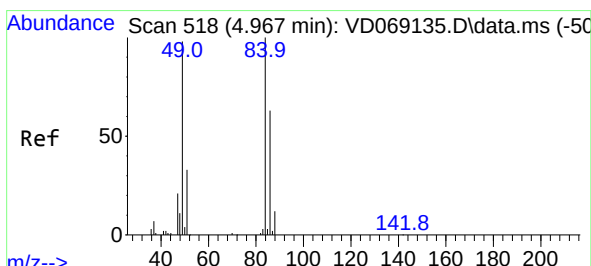
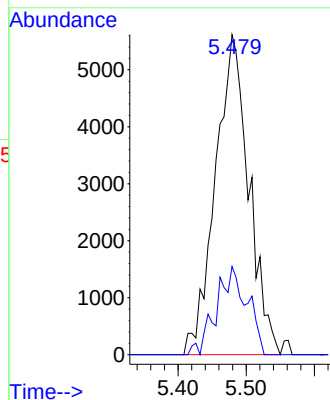
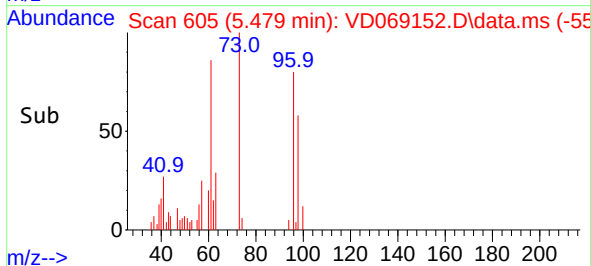
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2021



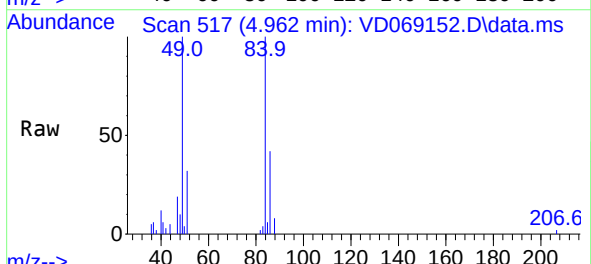
Tgt Ion: 73 Resp: 19146
Ion Ratio Lower Upper
73 100
57 27.6 17.1 25.7#

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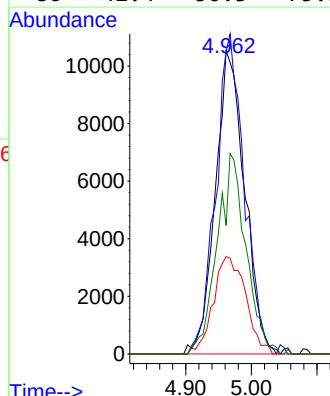
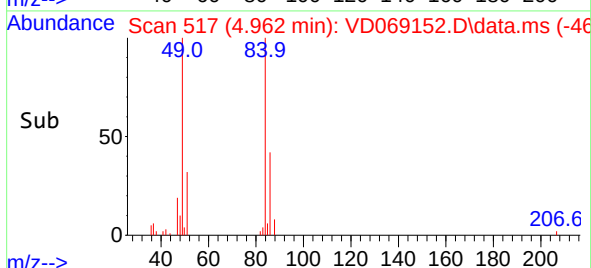
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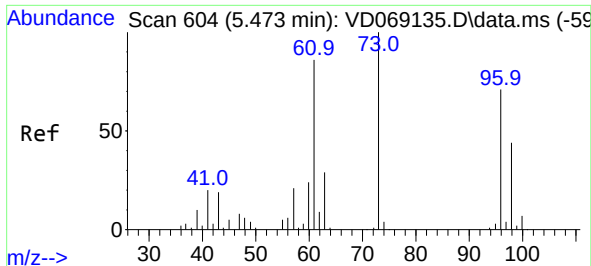


#20
Methylene Chloride
Concen: 7.39 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.005 min
Lab File: VD069152.D
Acq: 13 May 2021 12:51

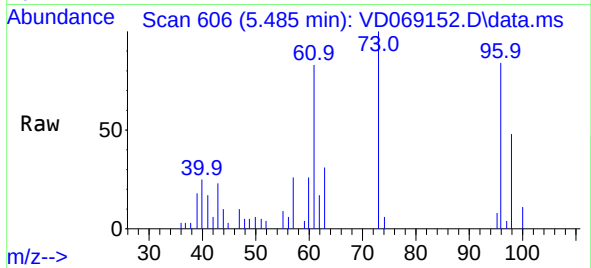


Tgt Ion: 84 Resp: 32543
Ion Ratio Lower Upper
84 100
49 99.8 78.6 117.8
51 32.2 26.7 40.1
86 42.4 50.3 75.5#

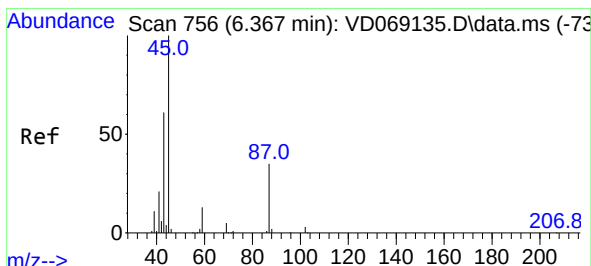
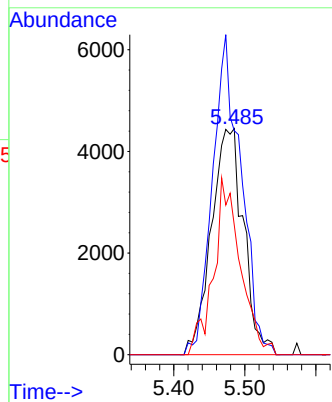
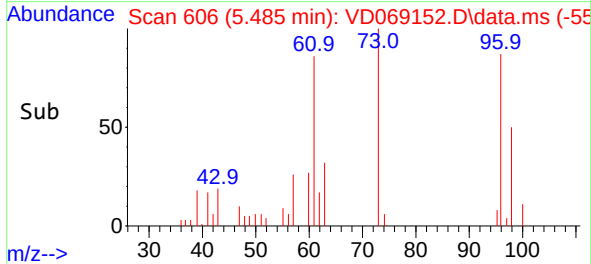




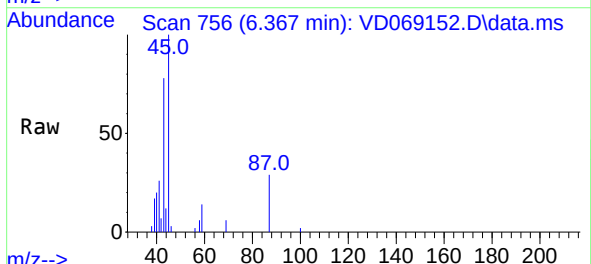
#21
trans-1,2-Dichloroethene
Concen: 4.36 ug/l
RT: 5.485 min Scan# 606
Delta R.T. 0.012 min
Lab File: VD069152.D
Acq: 13 May 2021 12:51



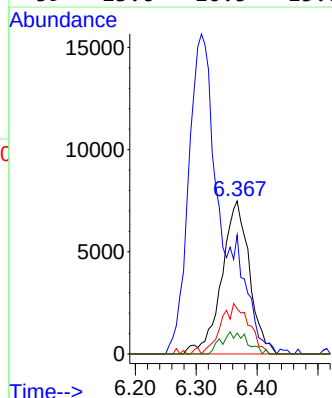
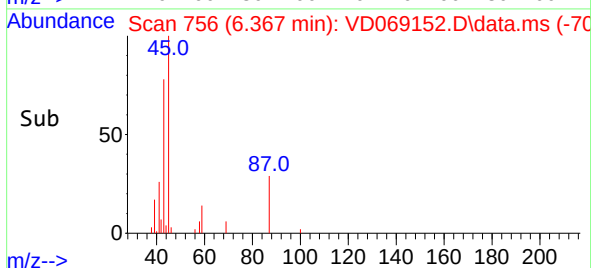
Tgt Ion: 96 Resp: 14019
Ion Ratio Lower Upper
96 100
61 99.1 97.7 146.5
98 57.2 49.4 74.2



#22
Diisopropyl ether
Concen: 3.98 ug/l
RT: 6.367 min Scan# 756
Delta R.T. 0.000 min
Lab File: VD069152.D
Acq: 13 May 2021 12:51



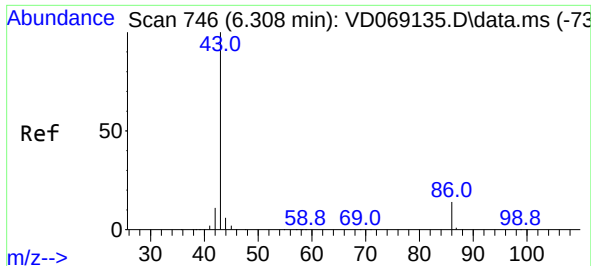
Tgt Ion: 45 Resp: 23635
Ion Ratio Lower Upper
45 100
43 74.6 48.6 73.0#
87 29.5 28.5 42.7
59 13.6 10.5 15.7



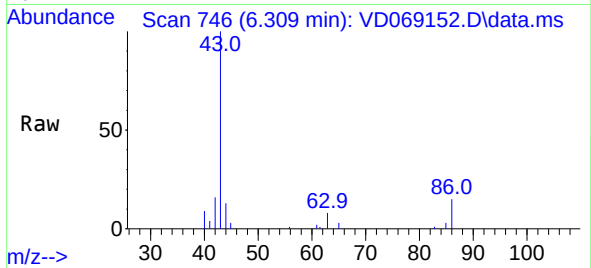
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2021

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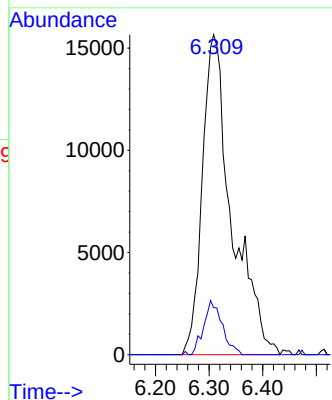
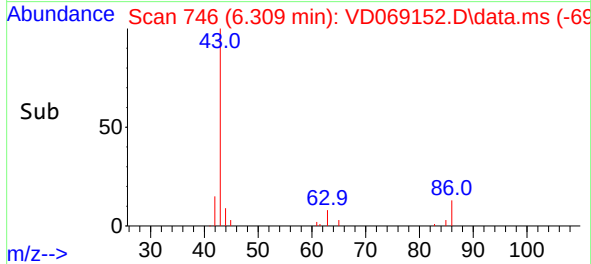
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#23
 Vinyl Acetate
 Concen: 17.02 ug/l m
 RT: 6.309 min Scan# 746
 Delta R.T. 0.000 min
 Lab File: VD069152.D
 Acq: 13 May 2021 12:51



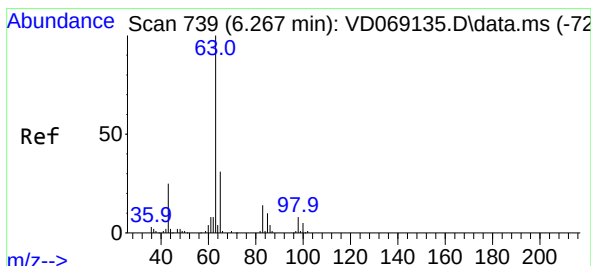
Tgt Ion: 43 Resp: 59597
 Ion Ratio Lower Upper
 43 100
 86 14.7 11.1 16.7



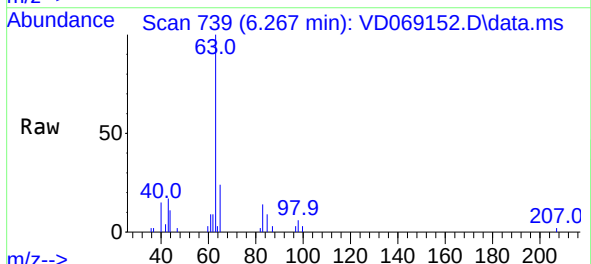
Instrument :
 MSVOA_D
 ClientSampleId :
 MDL-SOIL-03-QT2-2021

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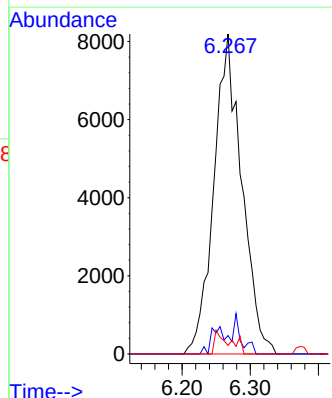
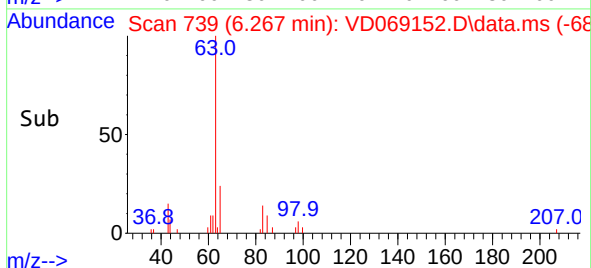
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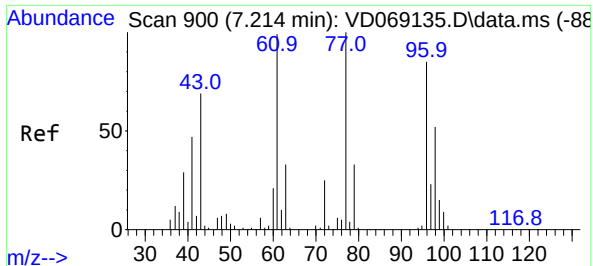


#24
 1,1-Dichloroethane
 Concen: 4.56 ug/l
 RT: 6.267 min Scan# 739
 Delta R.T. 0.000 min
 Lab File: VD069152.D
 Acq: 13 May 2021 12:51



Tgt Ion: 63 Resp: 23370
 Ion Ratio Lower Upper
 63 100
 98 5.7 3.9 11.5
 100 2.7 2.5 7.6





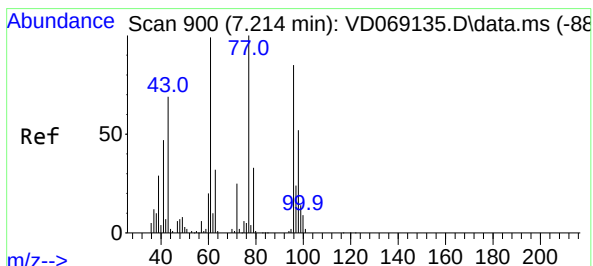
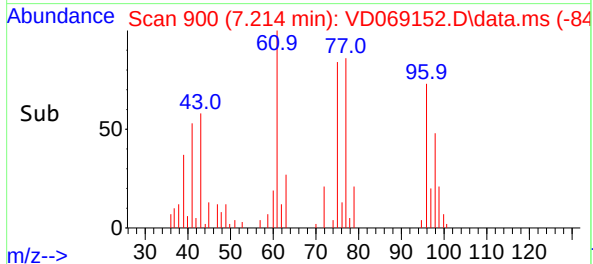
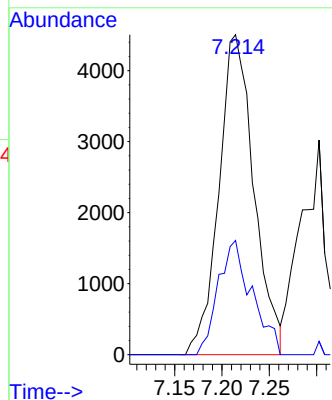
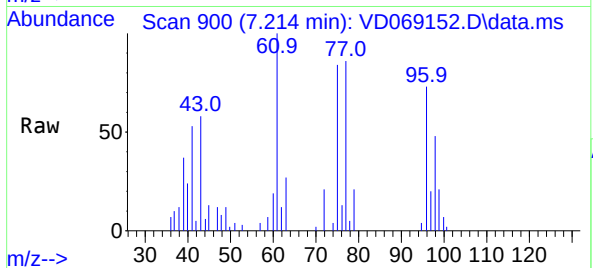
#25
2-Butanone
Concen: 20.57 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD069152.D
Acq: 13 May 2021 12:51

Tgt Ion: 43 Resp: 11588
Ion Ratio Lower Upper
43 100
72 35.7 29.1 43.7

Instrument :
MSVOA_D
ClientSampleId :
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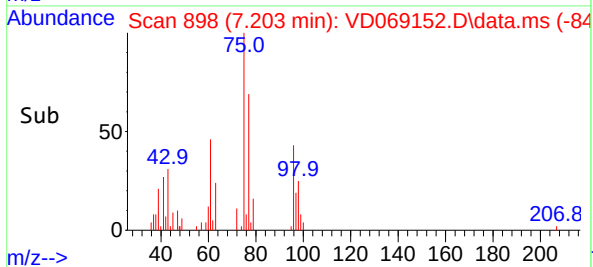
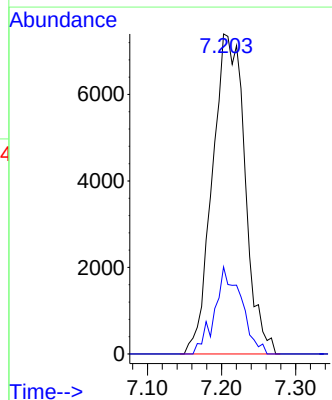
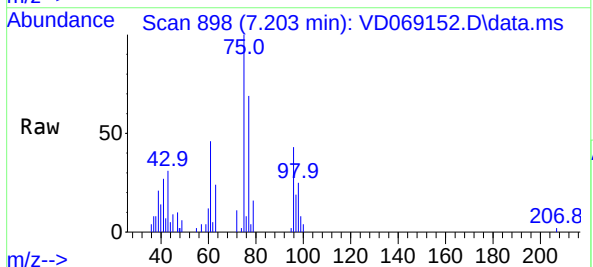
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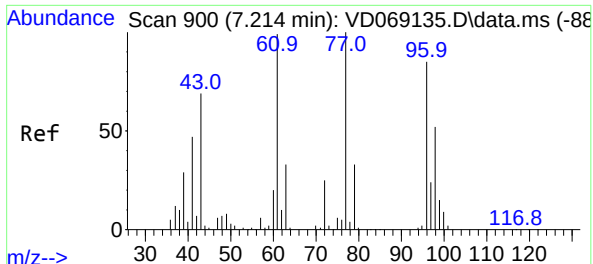
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#26
2,2-Dichloropropane
Concen: 4.70 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.011 min
Lab File: VD069152.D
Acq: 13 May 2021 12:51

Tgt Ion: 77 Resp: 22513
Ion Ratio Lower Upper
77 100
97 22.3 11.9 35.5





#27

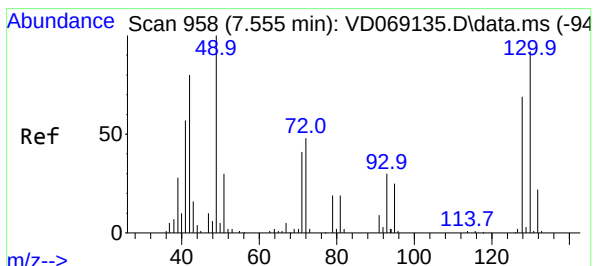
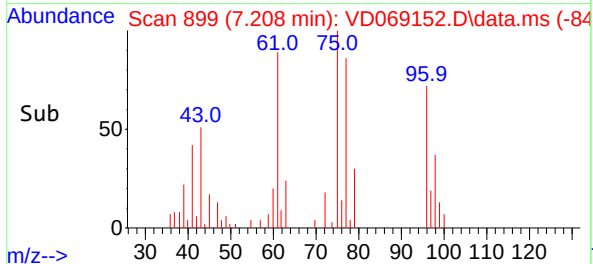
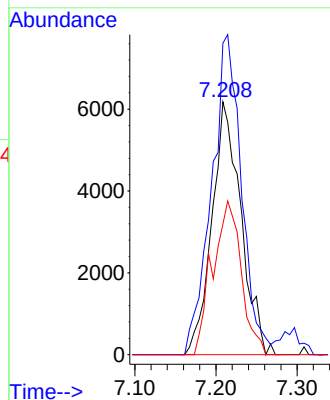
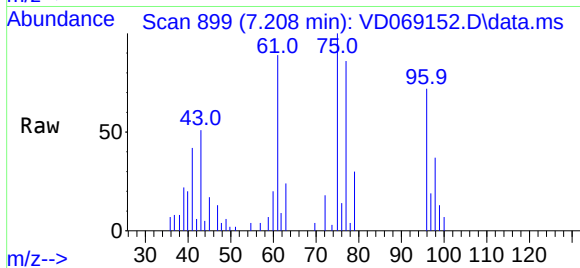
cis-1,2-Dichloroethene
Concen: 4.39 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD069152.D
Acq: 13 May 2021 12:51

Tgt Ion:	96	Resp:	15326
Ion	Ratio	Lower	Upper
96	100		
61	130.5	0.0	263.8
98	60.2	0.0	132.2

Instrument :
MSVOA_D
ClientSampleId :
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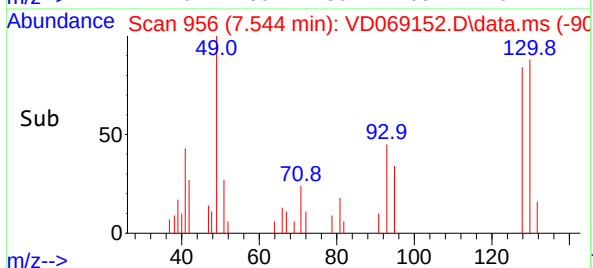
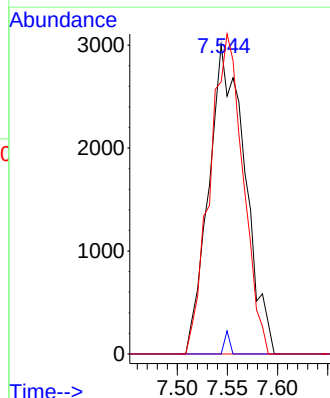
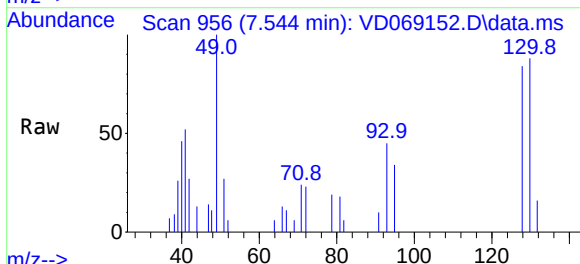
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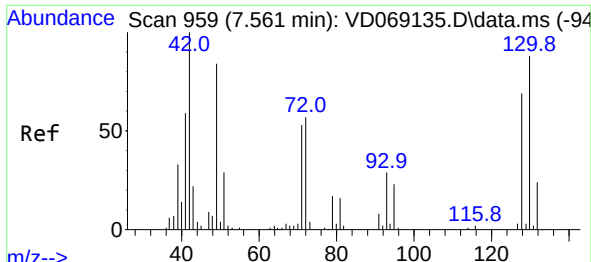


#28

Bromochloromethane
Concen: 4.12 ug/l
RT: 7.544 min Scan# 956
Delta R.T. -0.011 min
Lab File: VD069152.D
Acq: 13 May 2021 12:51

Tgt Ion:	49	Resp:	7535
Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	6.4
130	94.9	75.8	113.6





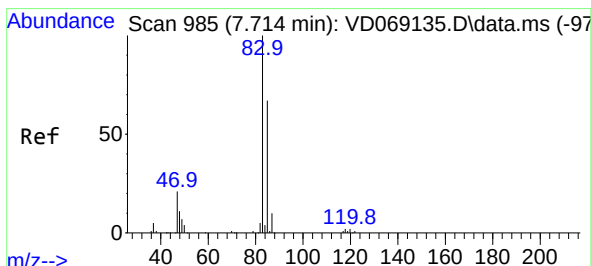
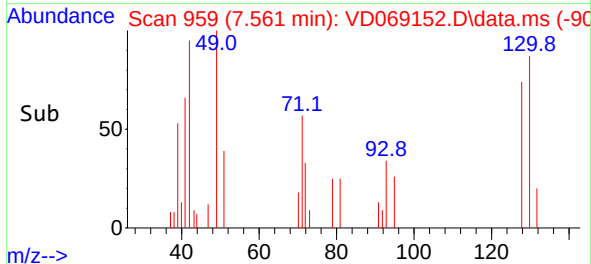
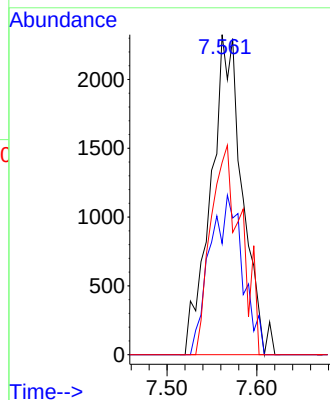
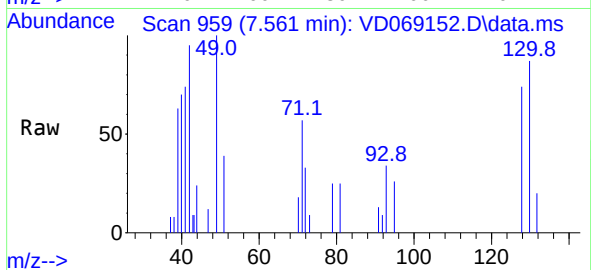
#29
Tetrahydrofuran
Concen: 18.63 ug/l
RT: 7.561 min Scan# 959
Delta R.T. 0.000 min
Lab File: VD069152.D
Acq: 13 May 2021 12:51

Tgt Ion:	42	Resp:	5705
Ion	Ratio	Lower	Upper
42	100		
72	51.9	45.9	68.9
71	62.6	42.9	64.3

Instrument :
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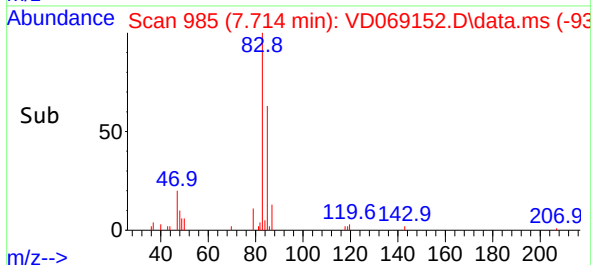
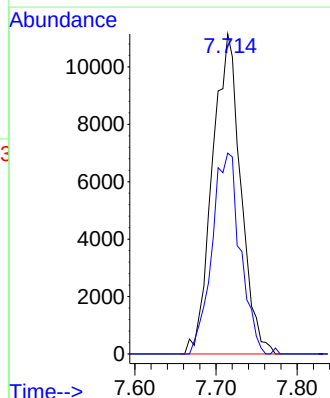
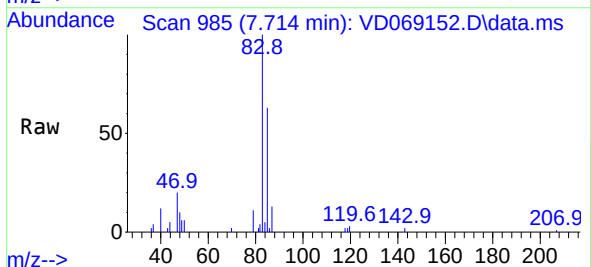
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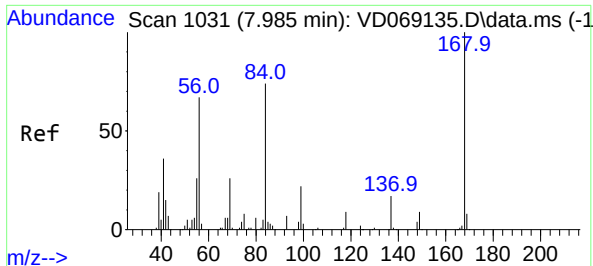
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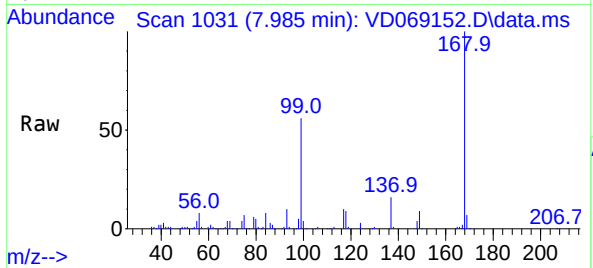
#30
Chloroform
Concen: 4.69 ug/l
RT: 7.714 min Scan# 985
Delta R.T. 0.000 min
Lab File: VD069152.D
Acq: 13 May 2021 12:51

Tgt Ion:	83	Resp:	27083
Ion	Ratio	Lower	Upper
83	100		
85	62.8	54.0	81.0

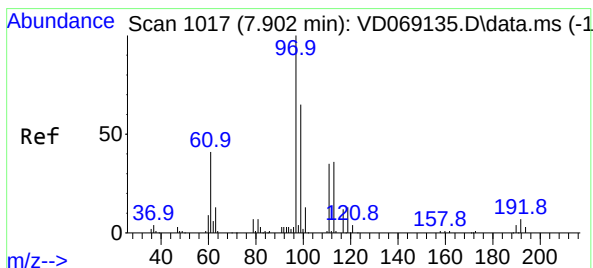
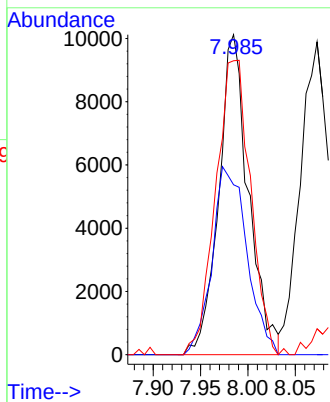
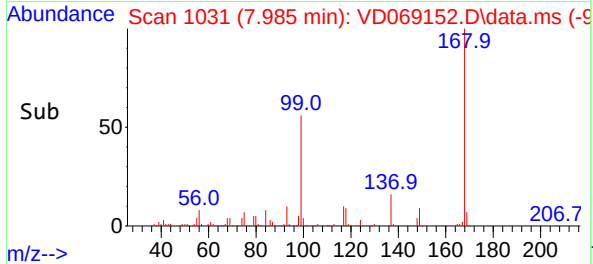




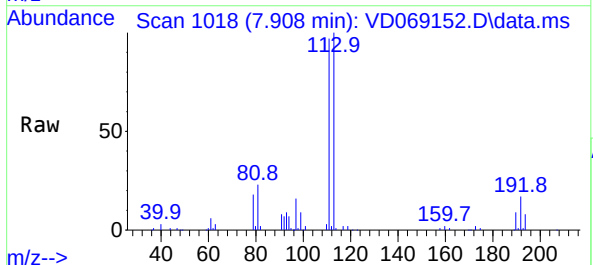
#31
Cyclohexane
Concen: 5.52 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD069152.D
Acq: 13 May 2021 12:51



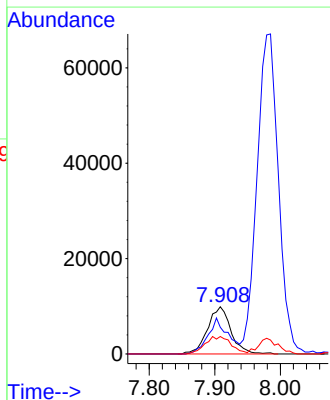
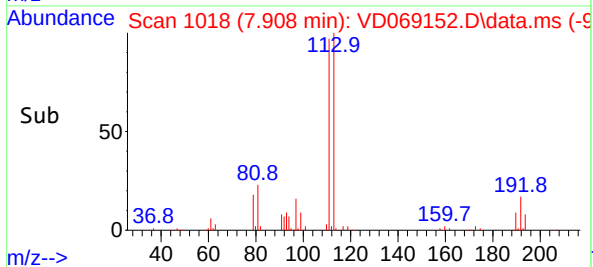
Tgt Ion: 56 Resp: 22192
Ion Ratio Lower Upper
56 100
69 53.1 30.6 46.0#
84 91.8 88.0 132.0



#32
1,1,1-Trichloroethane
Concen: 4.66 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. 0.006 min
Lab File: VD069152.D
Acq: 13 May 2021 12:51



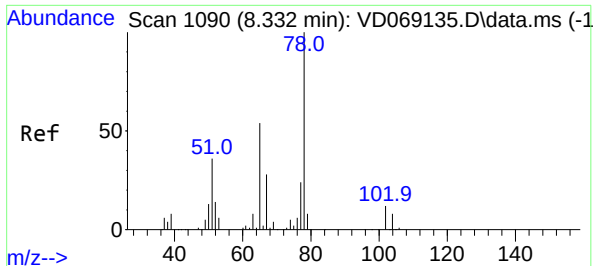
Tgt Ion: 97 Resp: 24427
Ion Ratio Lower Upper
97 100
99 65.7 51.5 77.3
61 41.1 32.5 48.7



Instrument :
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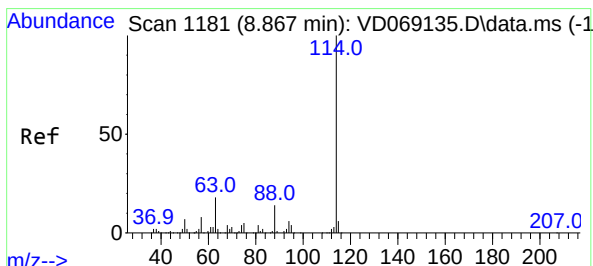
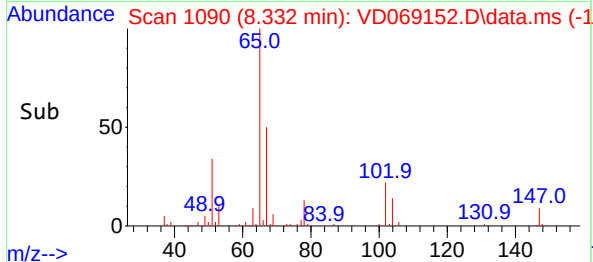
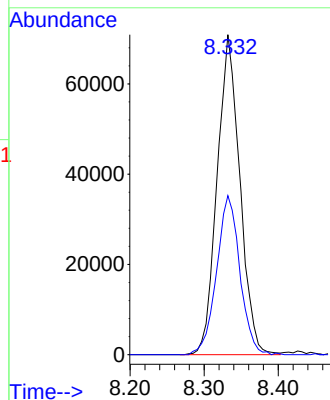
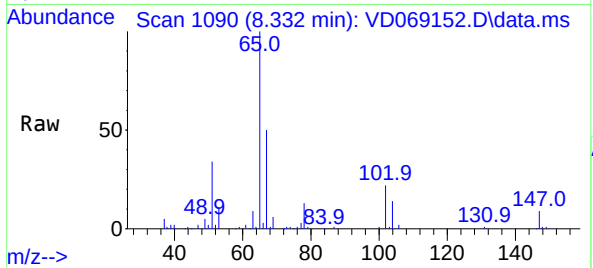
#33
1,2-Dichloroethane-d4
Concen: 55.69 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069152.D
Acq: 13 May 2021 12:51

Tgt Ion: 65 Resp: 151154
Ion Ratio Lower Upper
65 100
67 50.9 0.0 108.0

Instrument :
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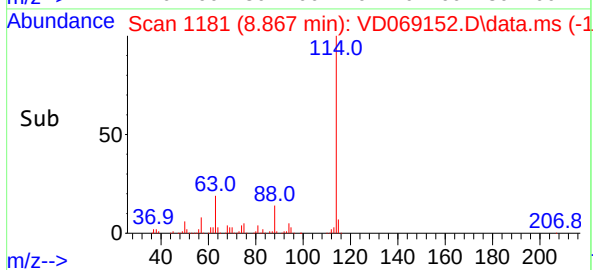
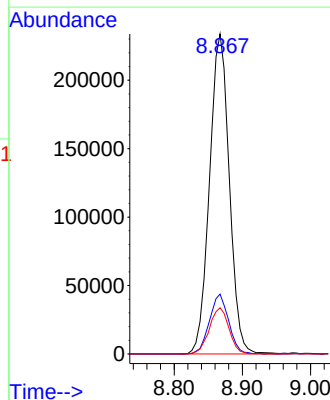
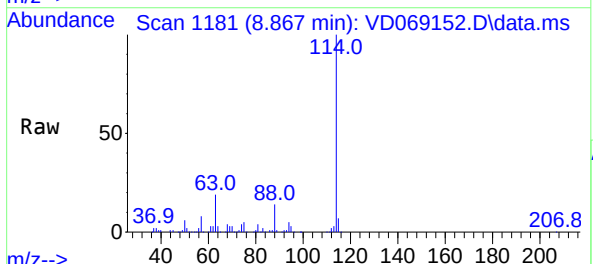
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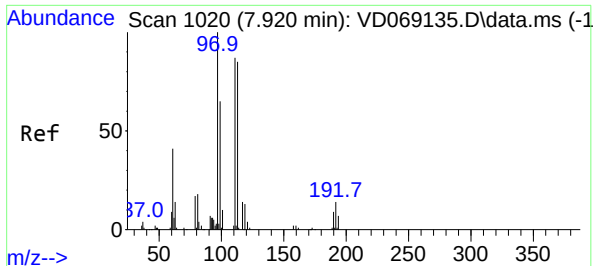
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#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069152.D
Acq: 13 May 2021 12:51

Tgt Ion: 114 Resp: 471547
Ion Ratio Lower Upper
114 100
63 18.7 0.0 36.4
88 14.5 0.0 28.2





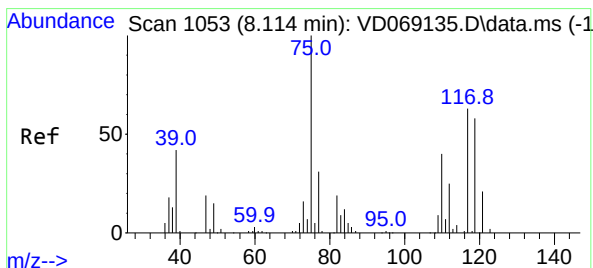
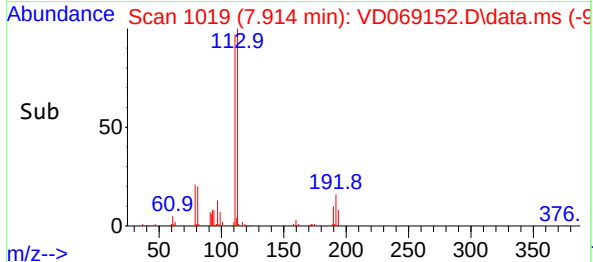
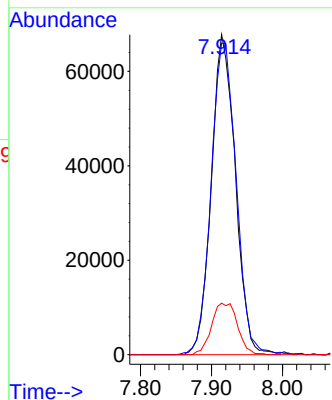
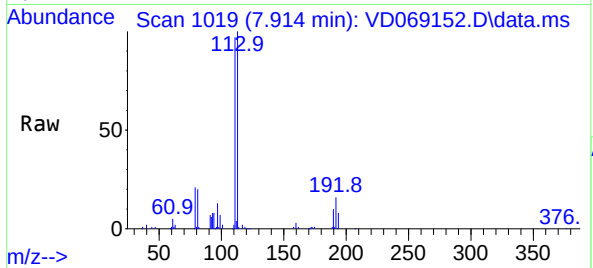
#35
Dibromofluoromethane
Concen: 51.80 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD069152.D
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Tgt Ion: 113 Resp: 158952
Ion Ratio Lower Upper
113 100
111 102.2 80.6 120.8
192 17.4 14.8 22.2

Instrument :
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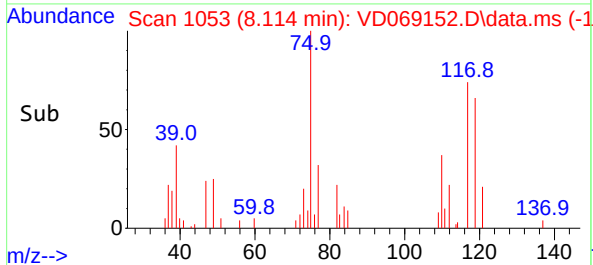
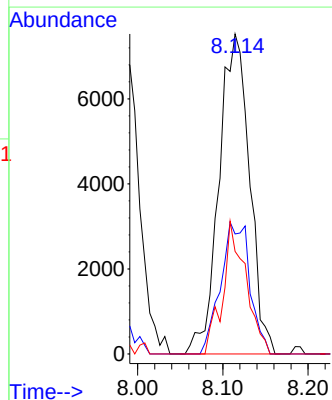
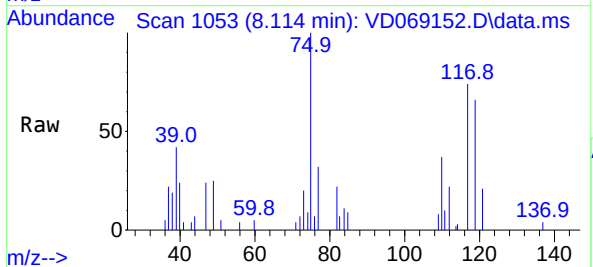
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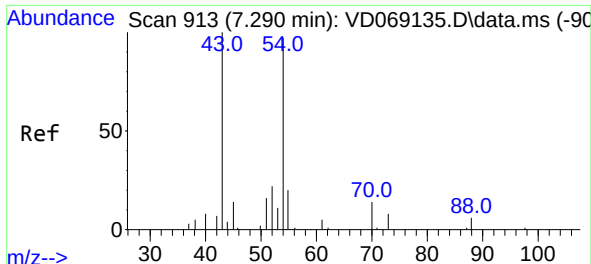
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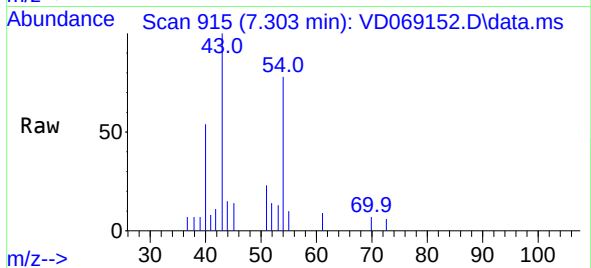
#36
1,1-Dichloropropene
Concen: 4.08 ug/l
RT: 8.114 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VD069152.D
Acq: 13 May 2021 12:51

Tgt Ion: 75 Resp: 18726
Ion Ratio Lower Upper
75 100
110 39.4 18.8 56.4
77 31.5 25.2 37.8

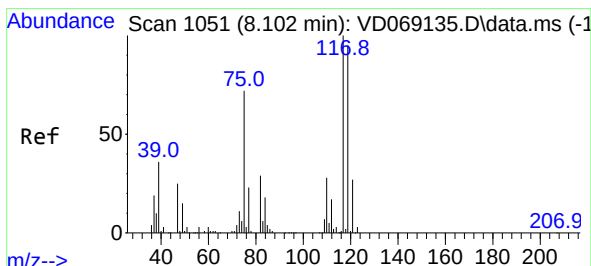
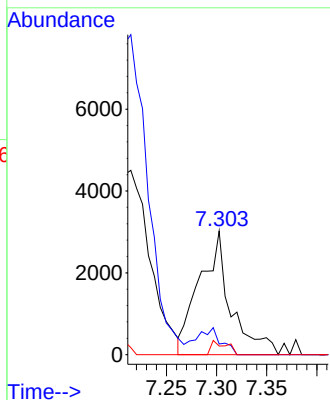
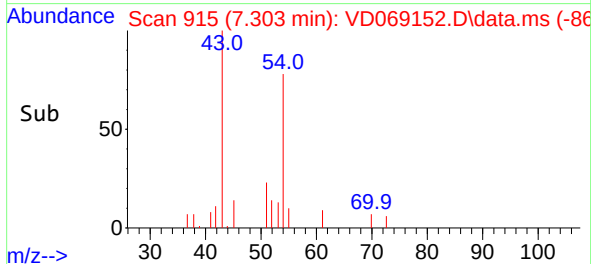




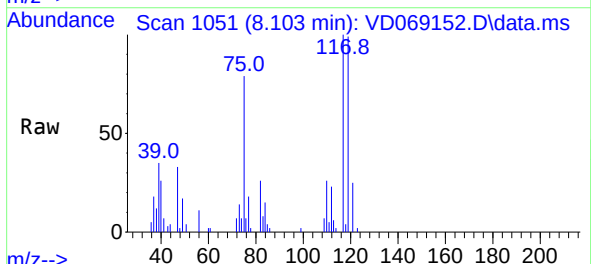
#37
Ethyl Acetate
Concen: 4.45 ug/l
RT: 7.303 min Scan# 915
Delta R.T. 0.012 min
Lab File: VD069152.D
Acq: 13 May 2021 12:51



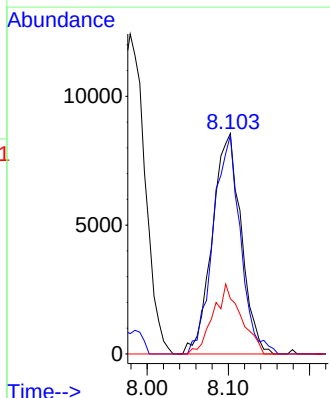
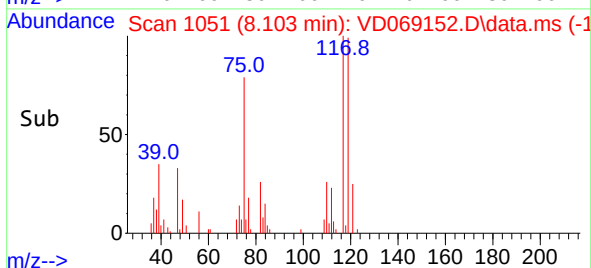
Tgt Ion: 43 Resp: 6551
Ion Ratio Lower Upper
43 100
61 17.1 11.5 17.3
70 5.6 10.4 15.6#



#38
Carbon Tetrachloride
Concen: 4.13 ug/l
RT: 8.103 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VD069152.D
Acq: 13 May 2021 12:51



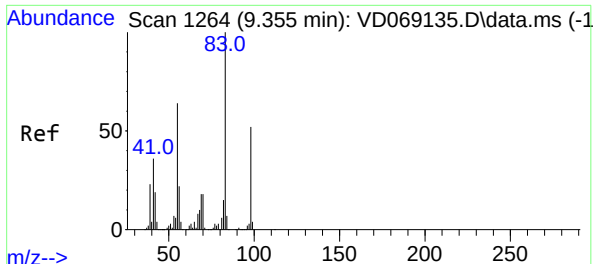
Tgt Ion: 117 Resp: 21167
Ion Ratio Lower Upper
117 100
119 99.2 76.2 114.2
121 25.1 21.9 32.9



Instrument :
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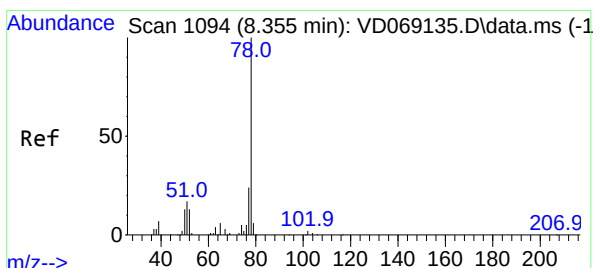
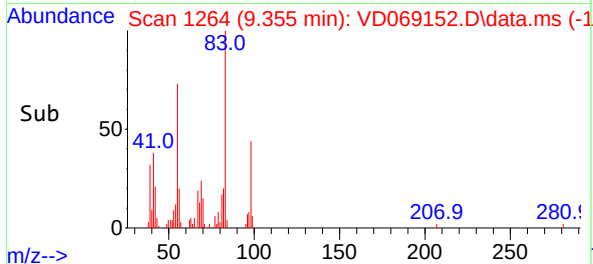
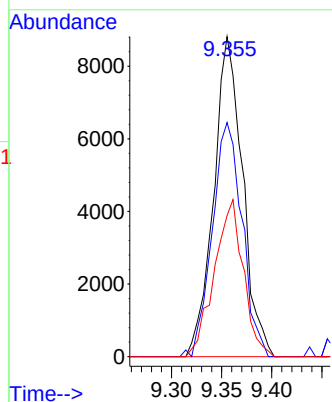
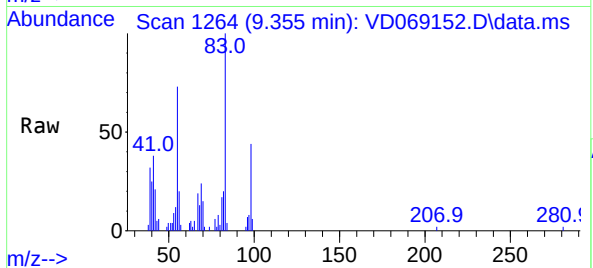
#39
Methylcyclohexane
Concen: 3.64 ug/l
RT: 9.355 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VD069152.D
Acq: 13 May 2021 12:51

Tgt Ion:	83	Resp:	17614
Ion	Ratio	Lower	Upper
83	100		
55	73.1	51.2	76.8
98	44.1	41.4	62.2

Instrument :
MSVOA_D
ClientSampleId :
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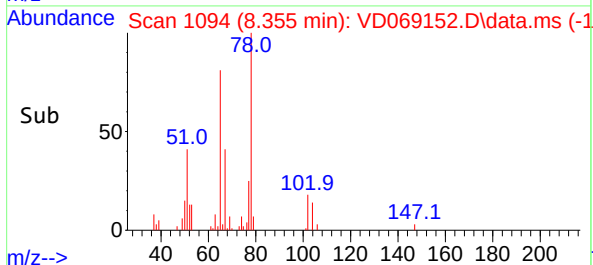
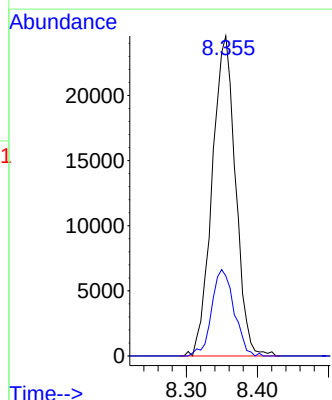
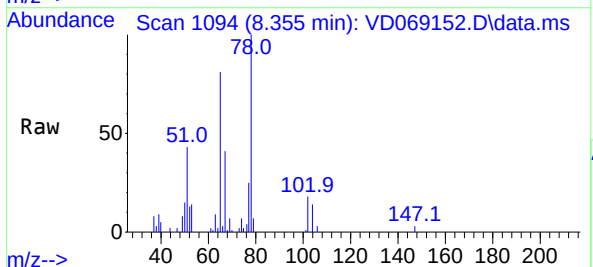
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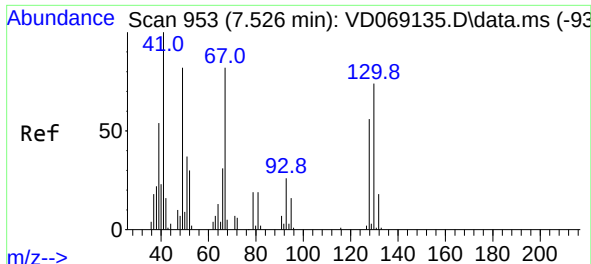
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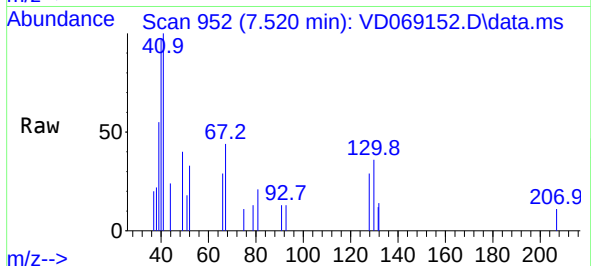
#40
Benzene
Concen: 4.27 ug/l
RT: 8.355 min Scan# 1094
Delta R.T. 0.000 min
Lab File: VD069152.D
Acq: 13 May 2021 12:51

Tgt Ion:	78	Resp:	56050
Ion	Ratio	Lower	Upper
78	100		
77	25.0	19.1	28.7

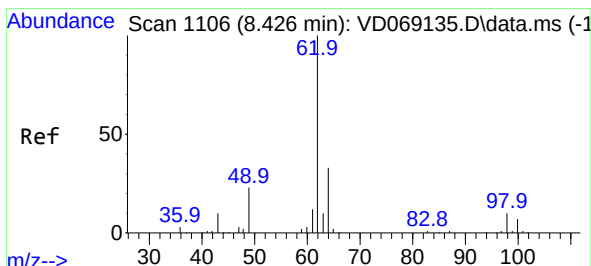
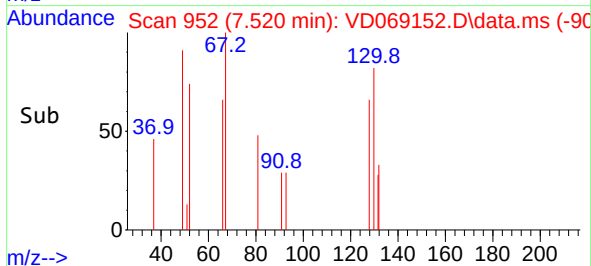
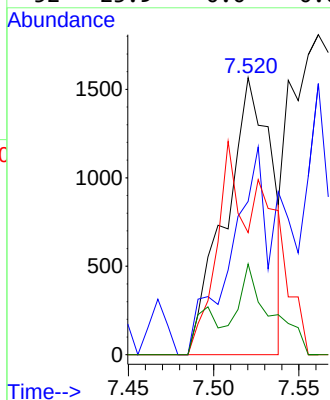




#41
Methacrylonitrile
Concen: 3.78 ug/l
RT: 7.520 min Scan# 952
Delta R.T. -0.006 min
Lab File: VD069152.D
Acq: 13 May 2021 12:51

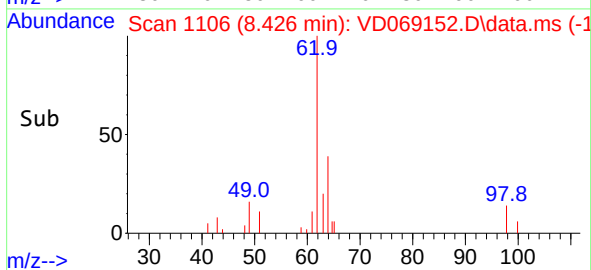
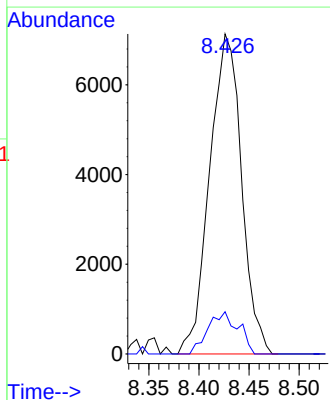
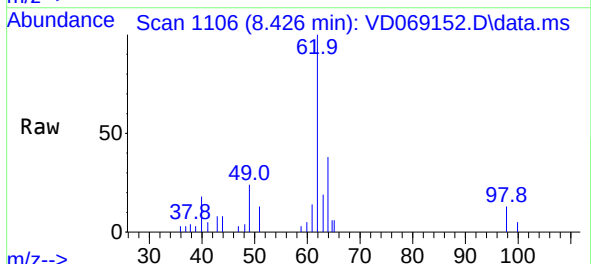


Tgt Ion:	41	Resp:	2962
Ion	Ratio	Lower	Upper
41	100		
39	56.2	58.0	87.0#
67	45.4	0.0	0.0#
52	23.9	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 4.41 ug/l
RT: 8.426 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VD069152.D
Acq: 13 May 2021 12:51

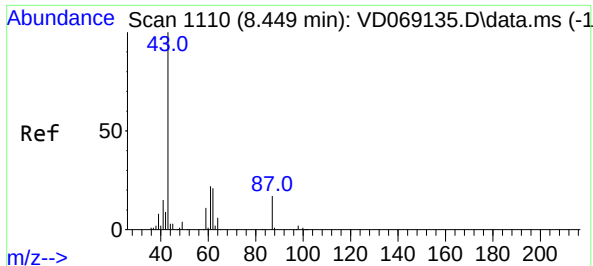
Tgt Ion:	62	Resp:	15802
Ion	Ratio	Lower	Upper
62	100		
98	12.6	0.0	20.6



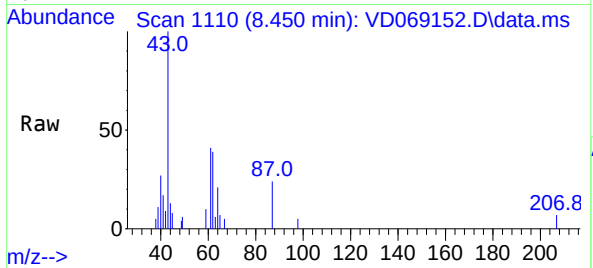
Instrument :
MSVOA_D
ClientSampleId :
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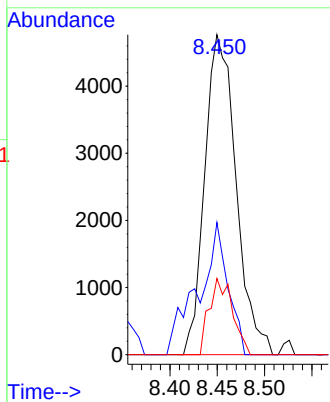
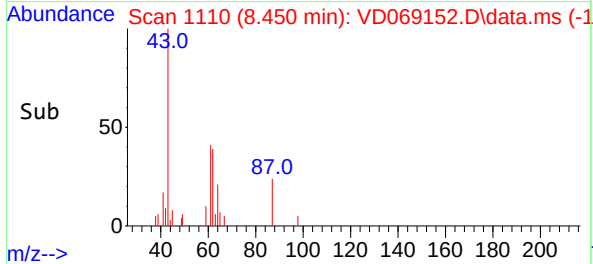
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#43
Isopropyl Acetate
Concen: 4.11 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VD069152.D
Acq: 13 May 2021 12:51



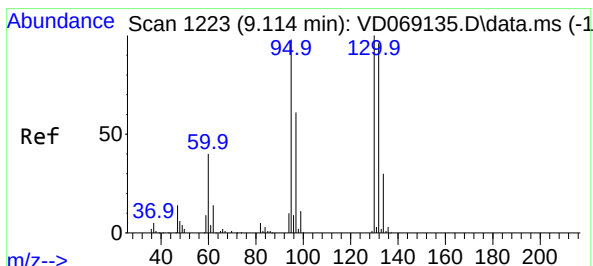
Tgt Ion:	43	Resp:	10983
Ion Ratio	Lower	Upper	
43	100		
61	39.4	28.6	42.8
87	17.7	13.8	20.8



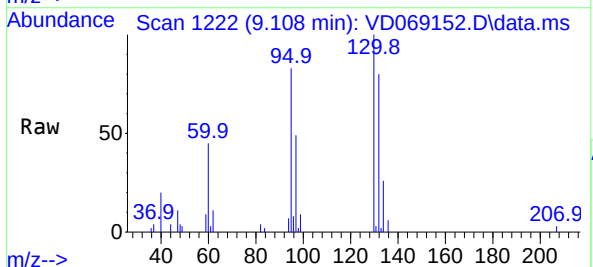
Instrument :
MSVOA_D
ClientSampleId :
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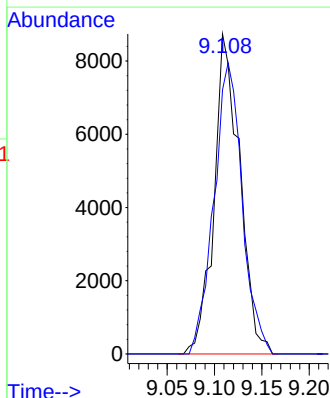
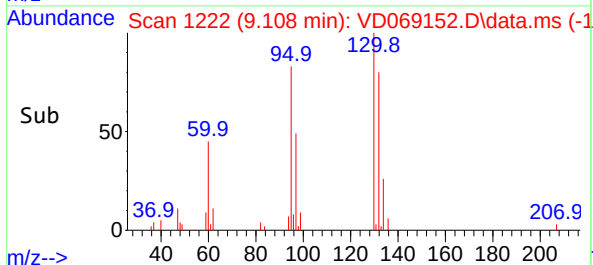
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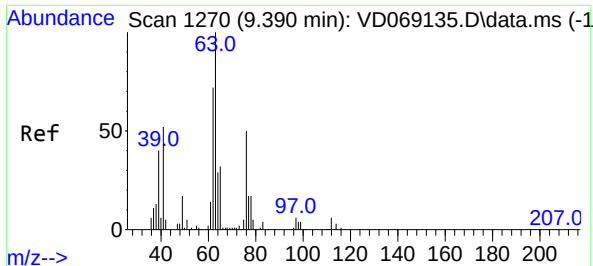


#44
Trichloroethene
Concen: 4.50 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. -0.006 min
Lab File: VD069152.D
Acq: 13 May 2021 12:51



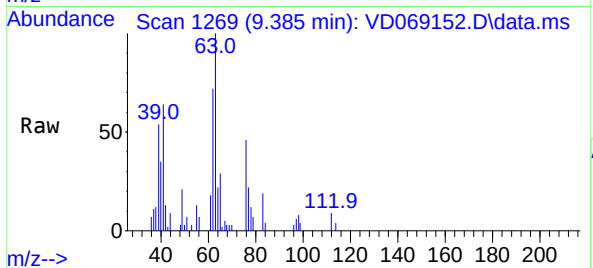
Tgt Ion:	130	Resp:	16512
Ion Ratio	Lower	Upper	
130	100		
95	82.6	0.0	196.2





#45
1,2-Dichloropropane
Concen: 4.07 ug/l
RT: 9.385 min Scan# 1269
Delta R.T. -0.006 min
Lab File: VD069152.D
Acq: 13 May 2021 12:51

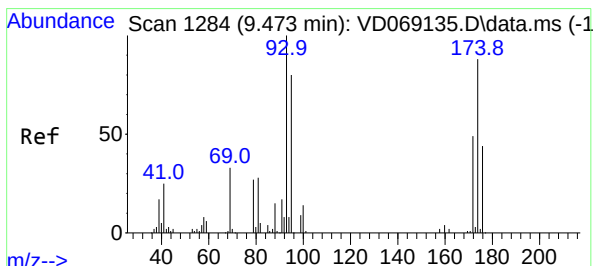
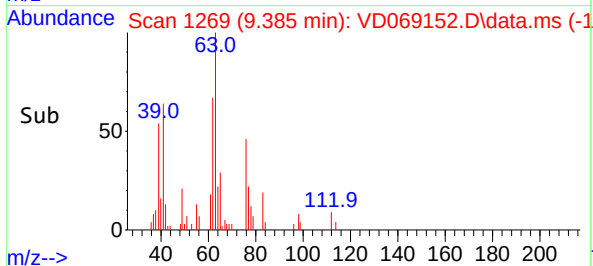
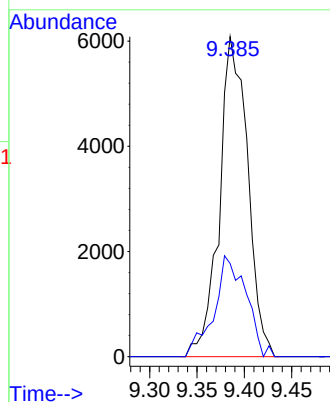
Instrument :
MSVOA_D
ClientSampleId :
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Tgt Ion: 63 Resp: 12630
Ion Ratio Lower Upper
63 100
65 29.1 25.9 38.9

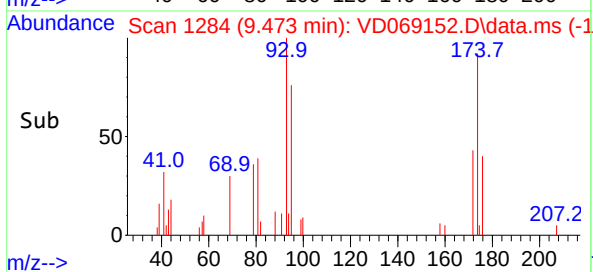
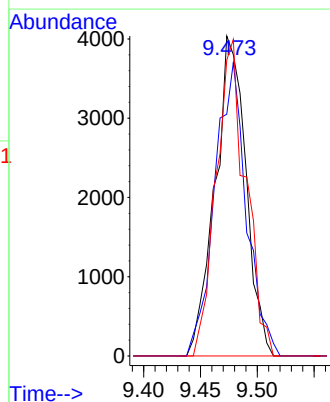
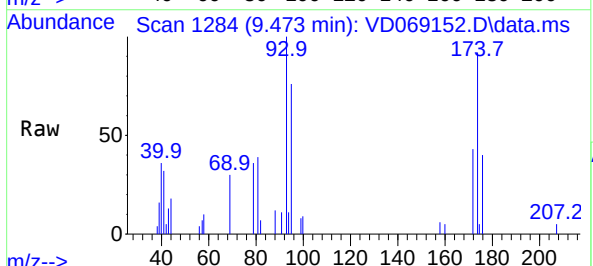
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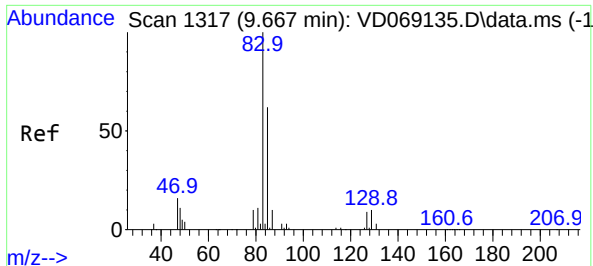
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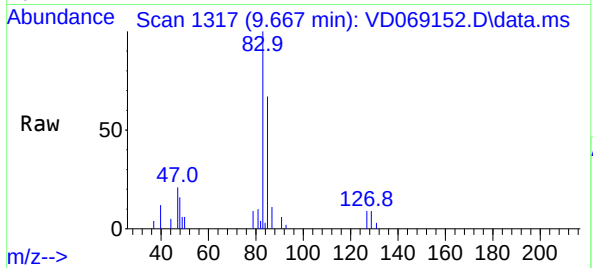
#46
Dibromomethane
Concen: 4.12 ug/l
RT: 9.473 min Scan# 1284
Delta R.T. 0.000 min
Lab File: VD069152.D
Acq: 13 May 2021 12:51

Tgt Ion: 93 Resp: 7639
Ion Ratio Lower Upper
93 100
95 93.7 65.9 98.9
174 94.9 76.6 115.0

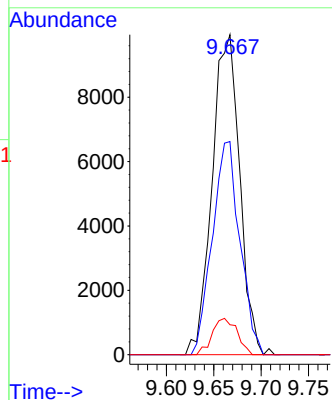




#47
Bromodichloromethane
Concen: 4.27 ug/l
RT: 9.667 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VD069152.D
Acq: 13 May 2021 12:51



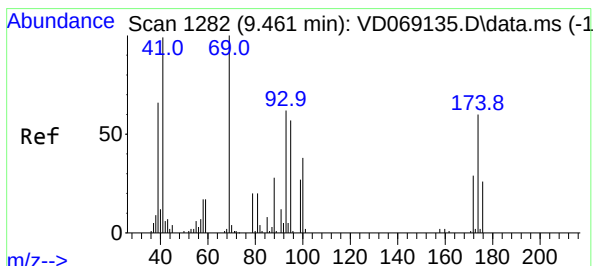
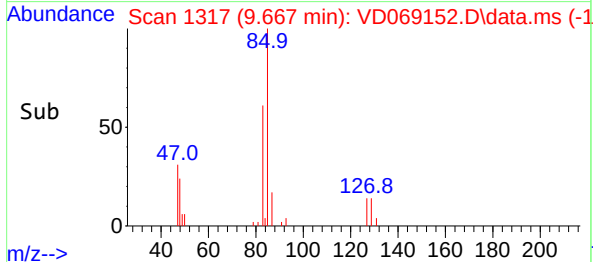
Tgt Ion:	83	Resp:	20140
Ion	Ratio	Lower	Upper
83	100		
85	66.6	50.0	75.0
127	9.4	7.1	10.7



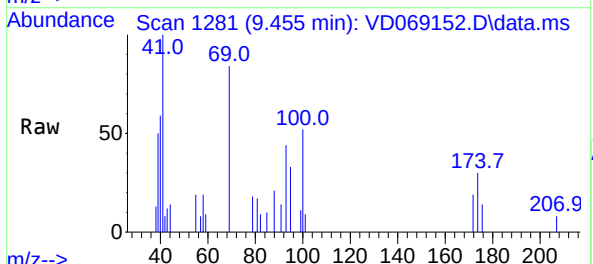
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2021

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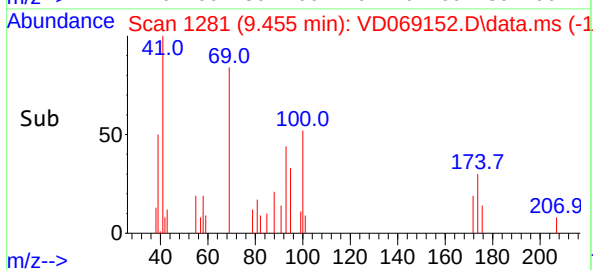
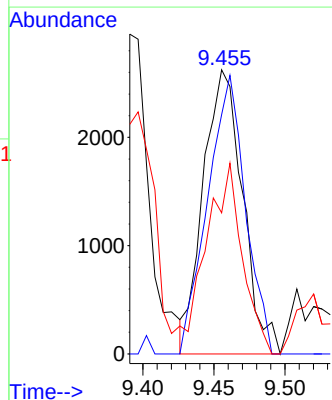
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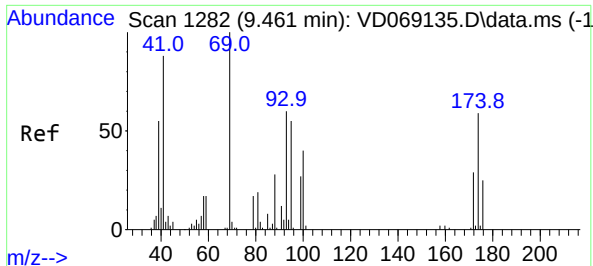


#48
Methyl methacrylate
Concen: 4.09 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. -0.006 min
Lab File: VD069152.D
Acq: 13 May 2021 12:51

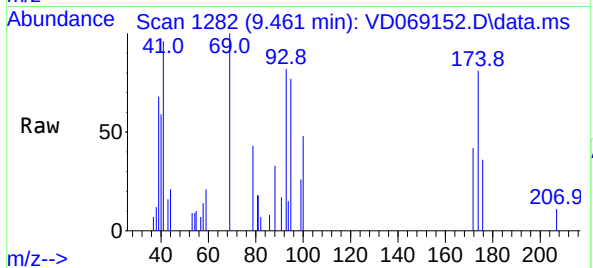


Tgt Ion:	41	Resp:	5064
Ion	Ratio	Lower	Upper
41	100		
69	94.1	88.0	132.0
39	62.5	51.4	77.0

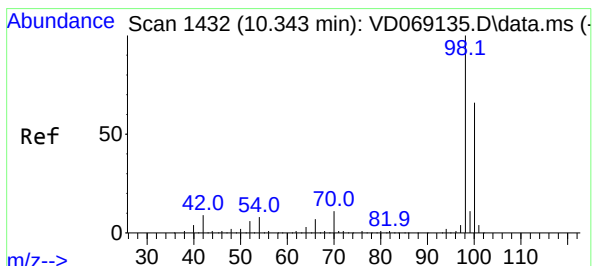
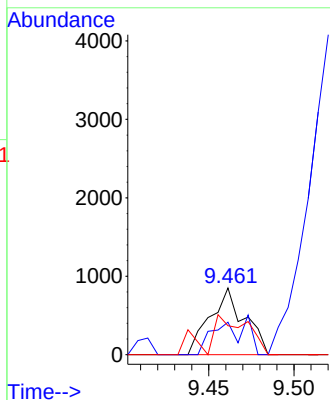
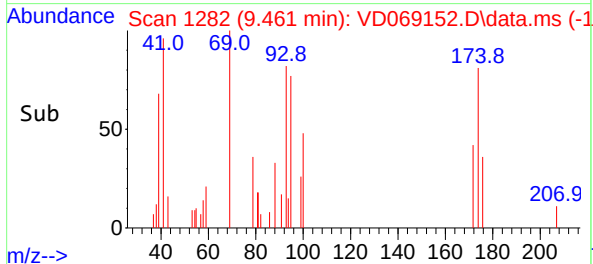




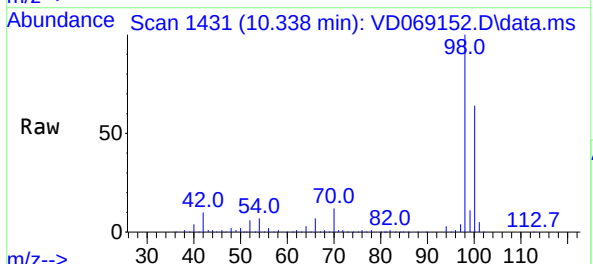
#49
1,4-Dioxane
Concen: 68.86 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. 0.000 min
Lab File: VD069152.D
Acq: 13 May 2021 12:51



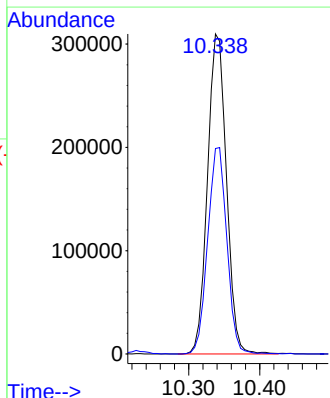
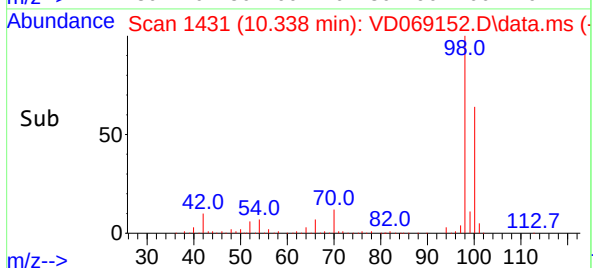
Tgt Ion: 88 Resp: 1200
Ion Ratio Lower Upper
88 100
43 49.5 26.7 40.1#
58 69.2 45.8 68.6#



#50
Toluene-d8
Concen: 50.91 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD069152.D
Acq: 13 May 2021 12:51



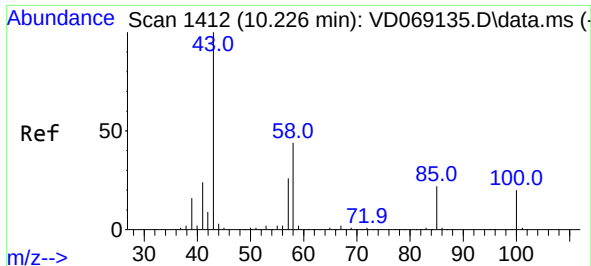
Tgt Ion: 98 Resp: 574012
Ion Ratio Lower Upper
98 100
100 65.3 51.8 77.8



Instrument :
MSVOA_D
ClientSampleId :
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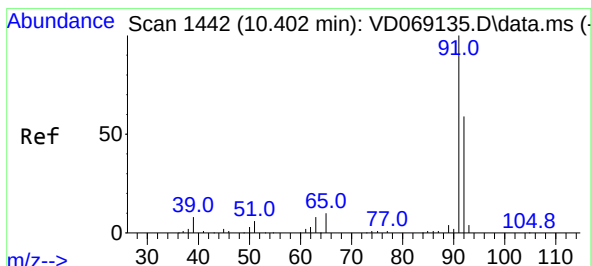
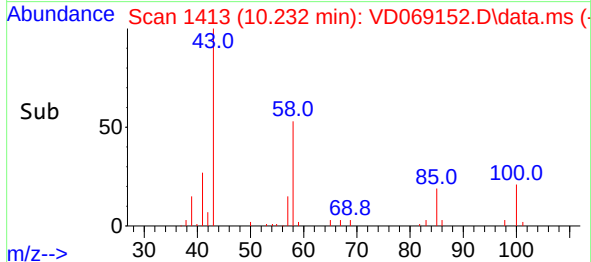
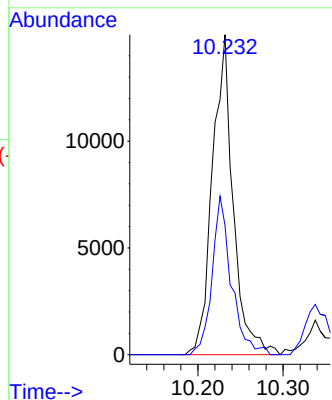
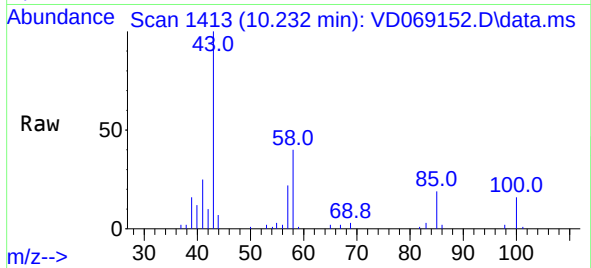
#51
4-Methyl-2-Pentanone
Concen: 18.45 ug/l
RT: 10.232 min Scan# 1413
Delta R.T. 0.006 min
Lab File: VD069152.D
Acq: 13 May 2021 12:51

Tgt Ion: 43 Resp: 25396
Ion Ratio Lower Upper
43 100
58 46.0 35.0 52.4

Instrument :
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ClientSampleId :
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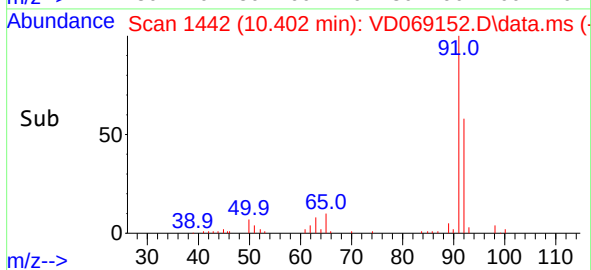
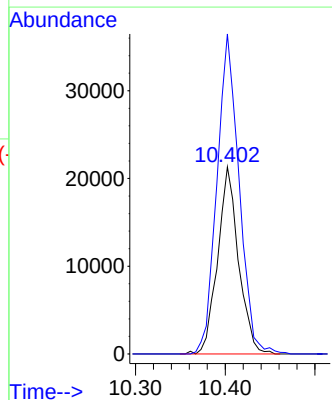
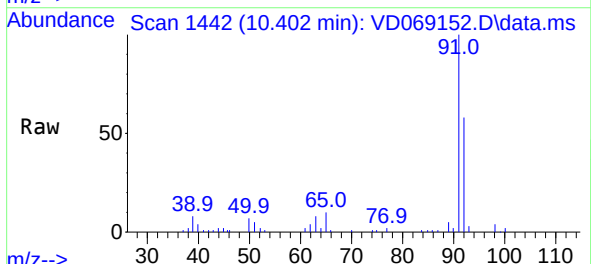
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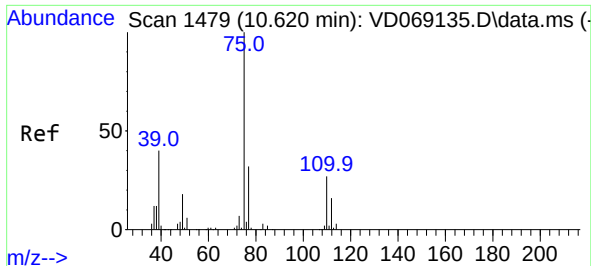
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#52
Toluene
Concen: 4.07 ug/l
RT: 10.402 min Scan# 1442
Delta R.T. 0.000 min
Lab File: VD069152.D
Acq: 13 May 2021 12:51

Tgt Ion: 92 Resp: 34467
Ion Ratio Lower Upper
92 100
91 181.4 136.2 204.2





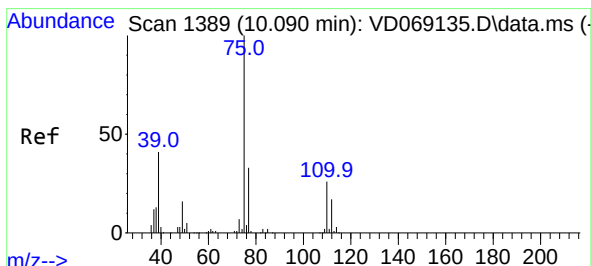
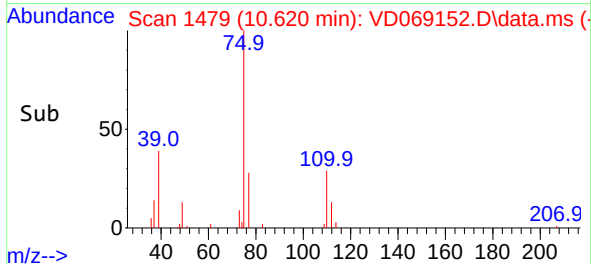
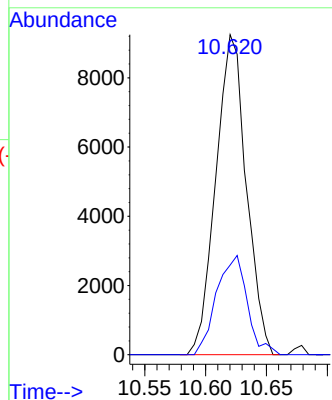
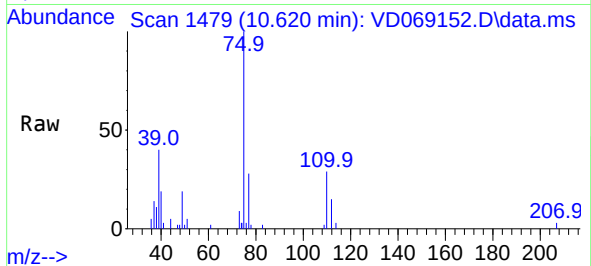
#53
t-1,3-Dichloropropene
Concen: 3.89 ug/l
RT: 10.620 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VD069152.D
Acq: 13 May 2021 12:51

Tgt Ion: 75 Resp: 16111
Ion Ratio Lower Upper
75 100
77 28.0 26.0 39.0

Instrument :
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ClientSampleId :
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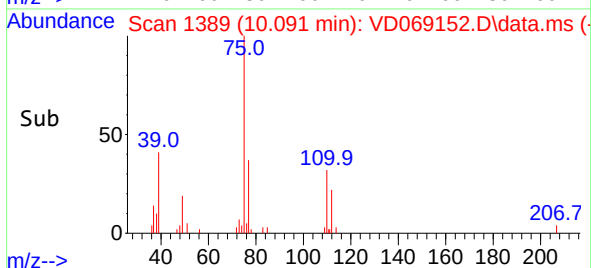
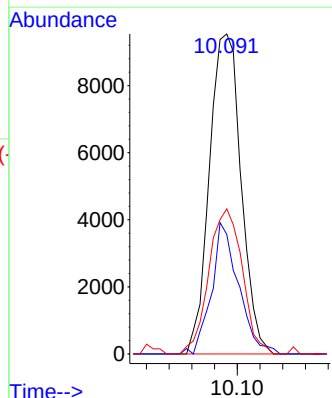
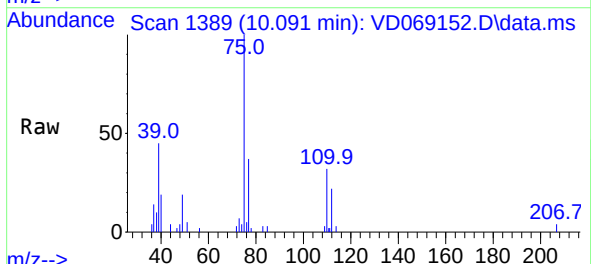
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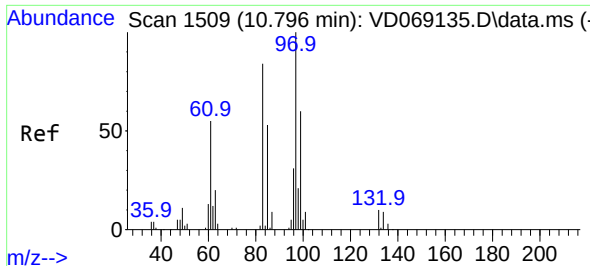
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#54
cis-1,3-Dichloropropene
Concen: 3.73 ug/l
RT: 10.091 min Scan# 1389
Delta R.T. 0.000 min
Lab File: VD069152.D
Acq: 13 May 2021 12:51

Tgt Ion: 75 Resp: 18486
Ion Ratio Lower Upper
75 100
77 37.4 26.2 39.4
39 45.3 32.9 49.3





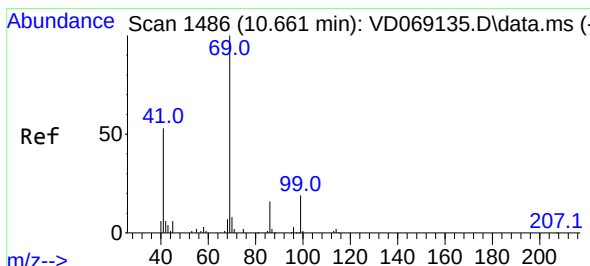
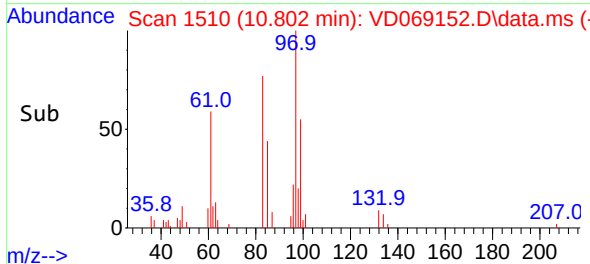
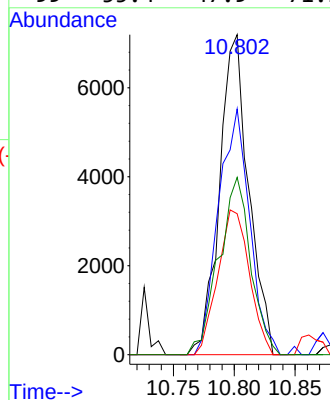
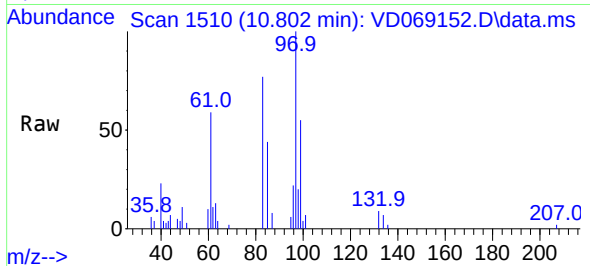
#55
1,1,2-Trichloroethane
Concen: 4.82 ug/l
RT: 10.802 min Scan# 1510
Delta R.T. 0.006 min
Lab File: VD069152.D
Acq: 13 May 2021 12:51

Tgt Ion:	97	Resp:	12042
Ion	Ratio	Lower	Upper
97	100		
83	76.8	66.9	100.3
85	44.1	42.2	63.4
99	55.4	47.9	71.9

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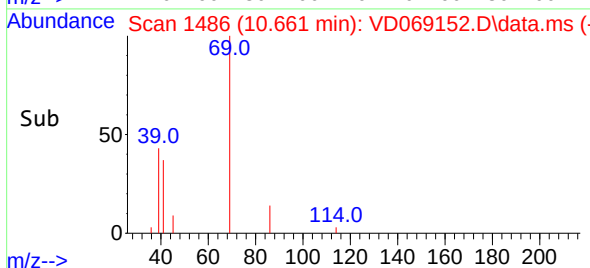
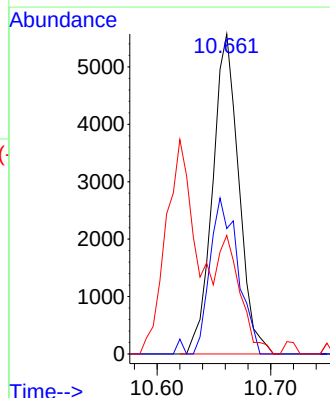
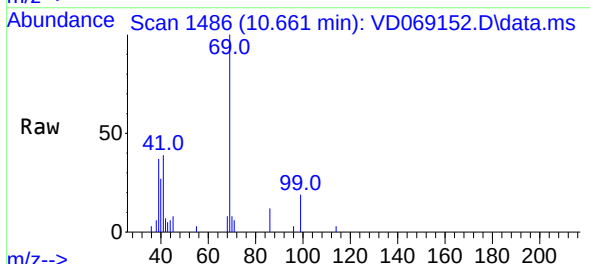
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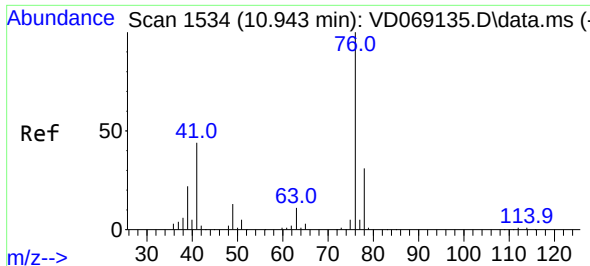
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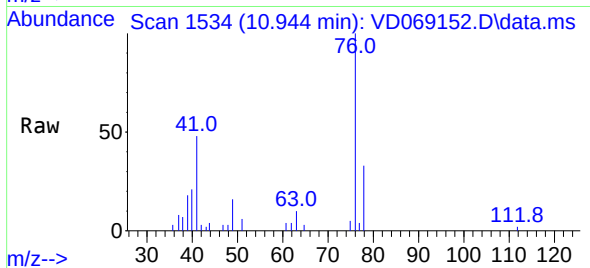
#56
Ethyl methacrylate
Concen: 3.58 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VD069152.D
Acq: 13 May 2021 12:51

Tgt Ion:	69	Resp:	8926
Ion	Ratio	Lower	Upper
69	100		
41	52.1	42.2	63.2
39	30.9	26.3	39.5

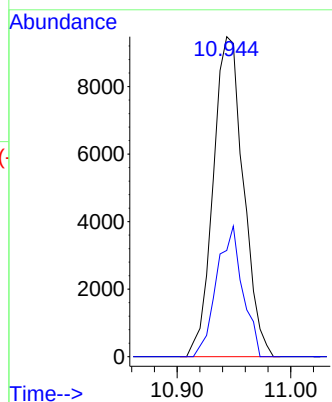
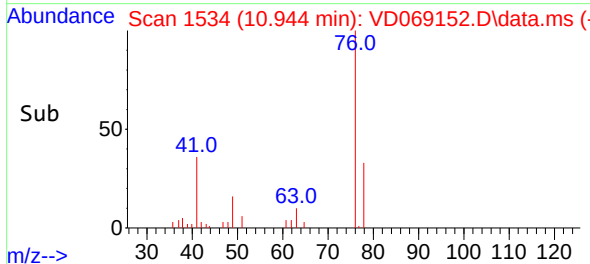




#57
1,3-Dichloropropane
Concen: 4.34 ug/l
RT: 10.944 min Scan# 1534
Delta R.T. 0.000 min
Lab File: VD069152.D
Acq: 13 May 2021 12:51



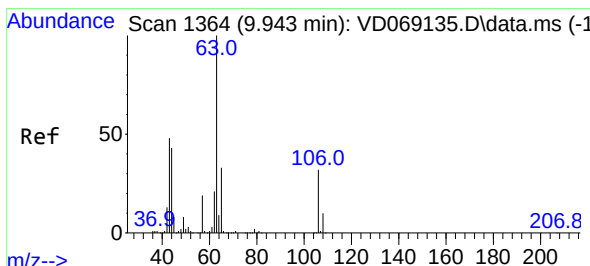
Tgt Ion: 76 Resp: 17500
Ion Ratio Lower Upper
76 100
78 35.2 25.7 38.5



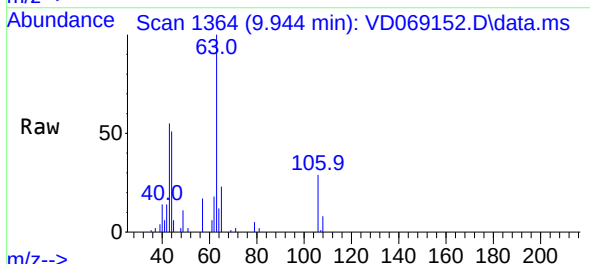
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2021

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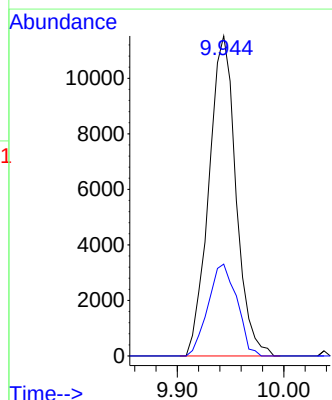
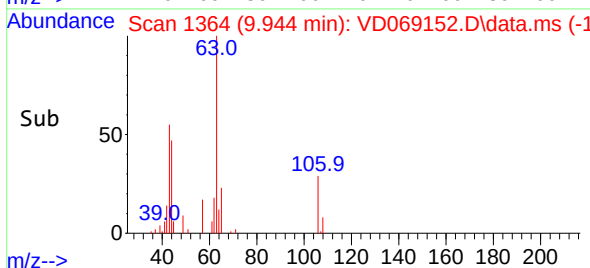
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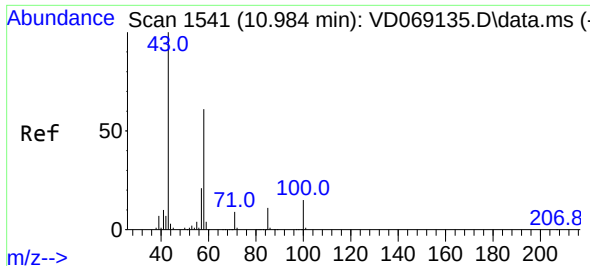


#58
2-Chloroethyl Vinyl ether
Concen: 16.45 ug/l
RT: 9.944 min Scan# 1364
Delta R.T. 0.000 min
Lab File: VD069152.D
Acq: 13 May 2021 12:51



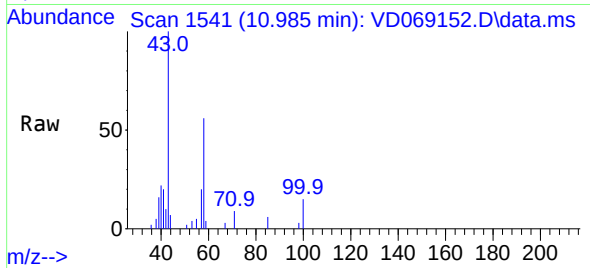
Tgt Ion: 63 Resp: 20343
Ion Ratio Lower Upper
63 100
106 30.5 25.3 37.9





#59
2-Hexanone
Concen: 18.03 ug/l
RT: 10.985 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VD069152.D
Acq: 13 May 2021 12:51

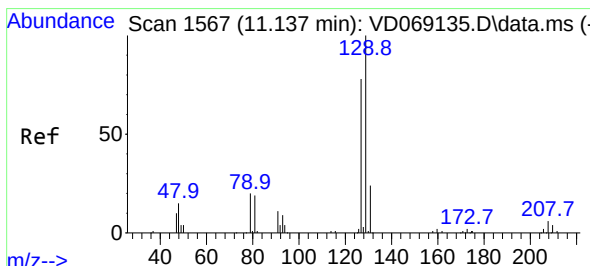
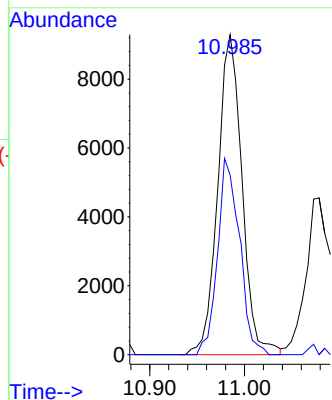
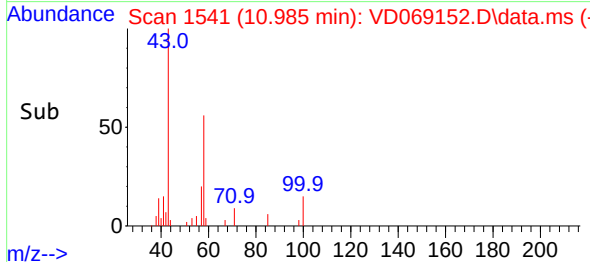
Instrument :
MSVOA_D
ClientSampleId :
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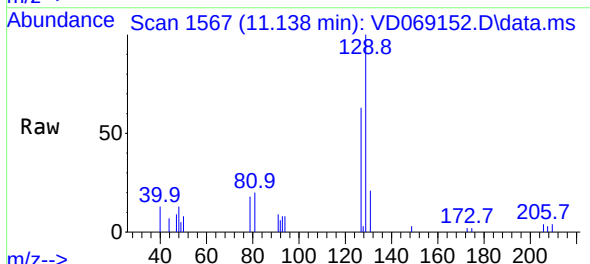
Tgt Ion: 43 Resp: 16561
Ion Ratio Lower Upper
43 100
58 55.6 31.1 93.5

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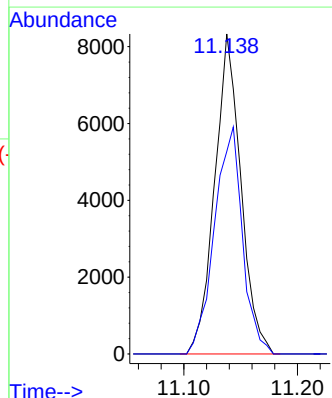
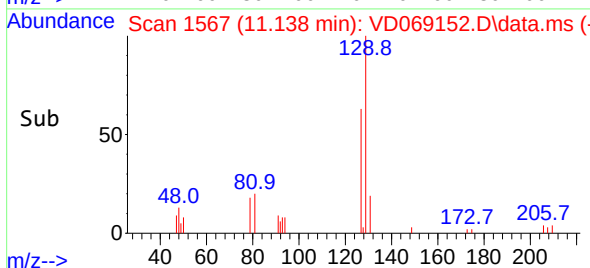
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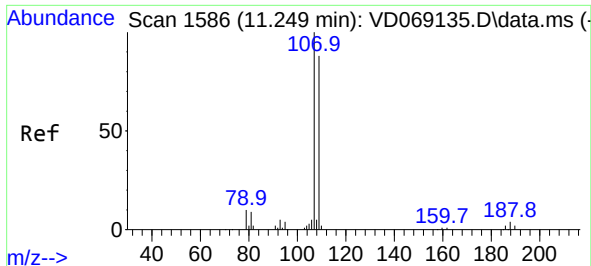


#60
Dibromochloromethane
Concen: 4.17 ug/l
RT: 11.138 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VD069152.D
Acq: 13 May 2021 12:51



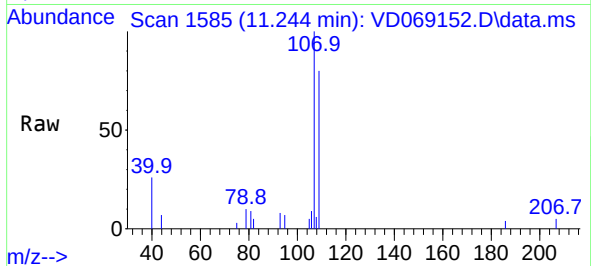
Tgt Ion: 129 Resp: 13373
Ion Ratio Lower Upper
129 100
127 75.6 38.5 115.5





#61
1,2-Dibromoethane
Concen: 4.12 ug/l
RT: 11.244 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VD069152.D
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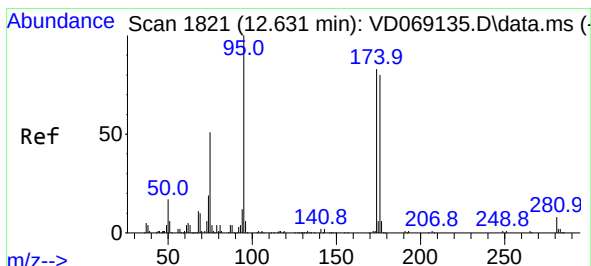
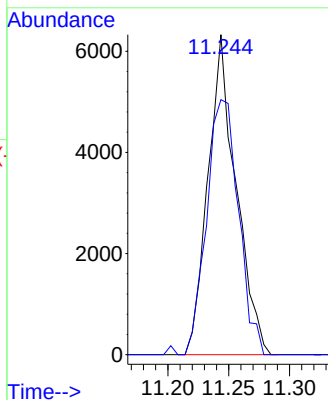
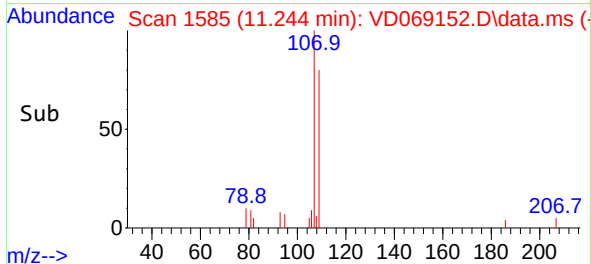
Instrument :
MSVOA_D
ClientSampleId :
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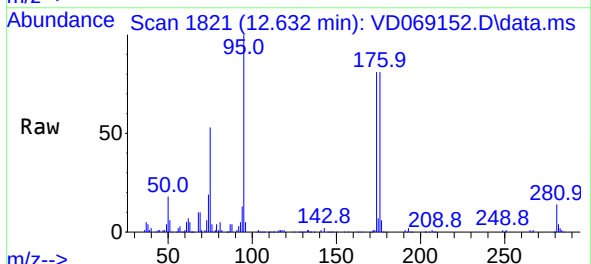
Tgt Ion:107 Resp: 10157
Ion Ratio Lower Upper
107 100
109 91.2 73.6 110.4

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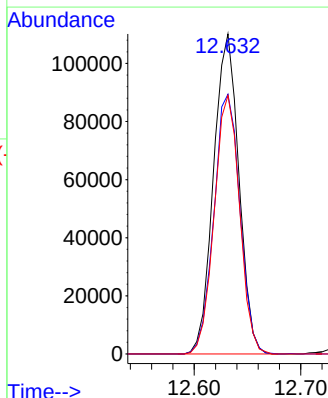
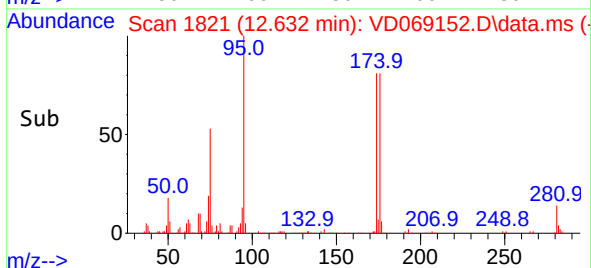
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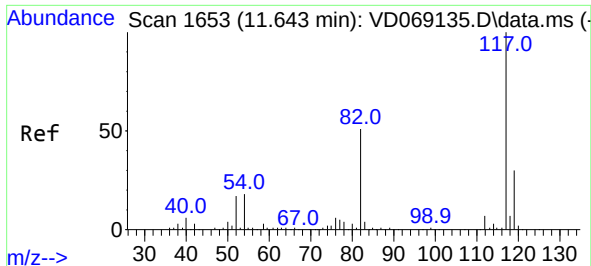


#62
4-Bromofluorobenzene
Concen: 50.05 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD069152.D
Acq: 13 May 2021 12:51

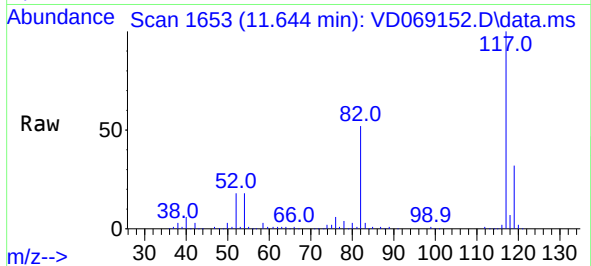


Tgt Ion: 95 Resp: 181578
Ion Ratio Lower Upper
95 100
174 83.4 0.0 171.8
176 80.8 0.0 165.4

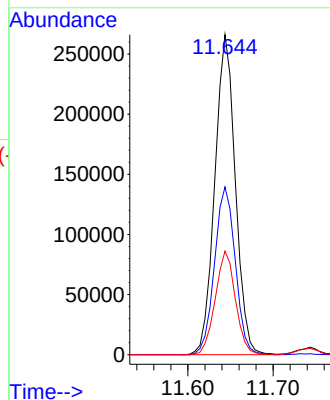
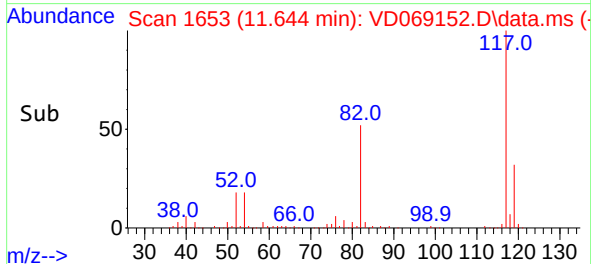




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069152.D
Acq: 13 May 2021 12:51



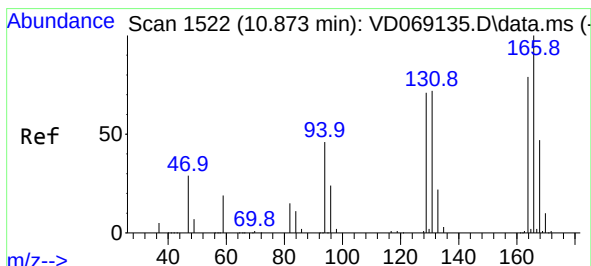
Tgt Ion:117 Resp: 446746
Ion Ratio Lower Upper
117 100
82 52.4 40.5 60.7
119 32.4 24.2 36.4



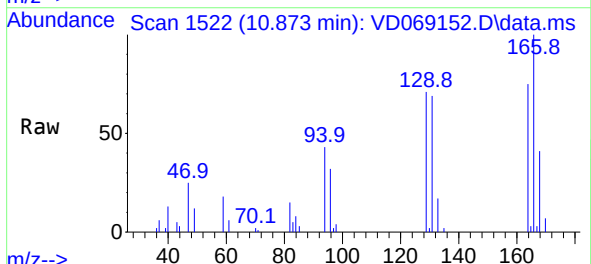
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2021

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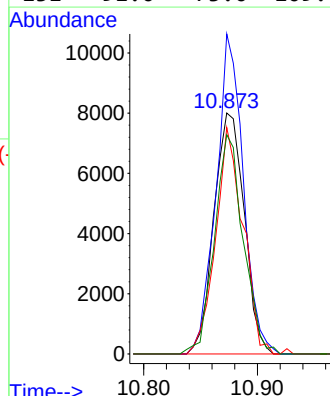
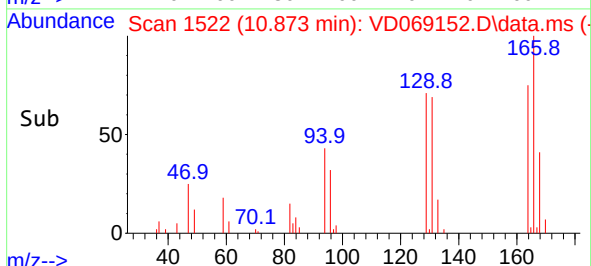
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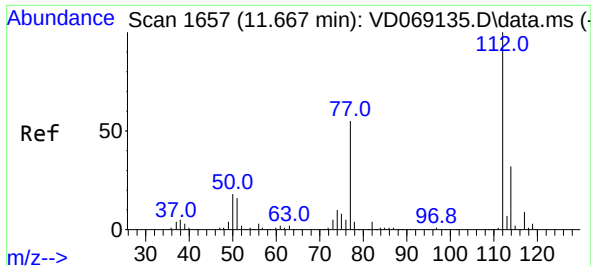


#64
Tetrachloroethene
Concen: 4.78 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VD069152.D
Acq: 13 May 2021 12:51

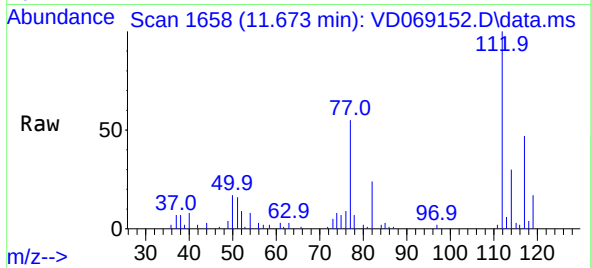


Tgt Ion:164 Resp: 14848
Ion Ratio Lower Upper
164 100
166 132.8 101.7 152.5
129 93.9 72.6 109.0
131 91.0 73.0 109.4

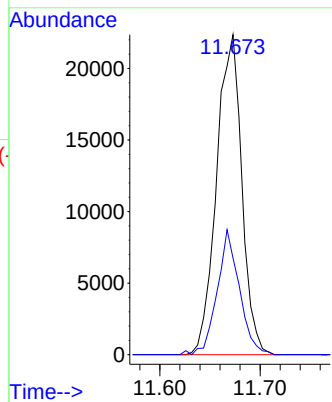
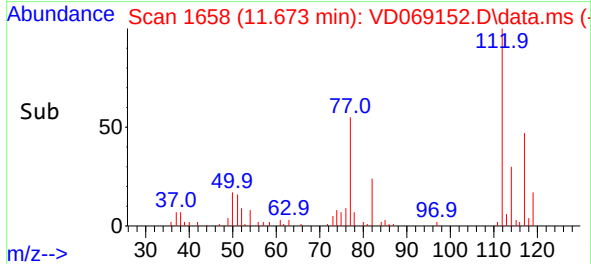




#65
Chlorobenzene
Concen: 4.22 ug/l
RT: 11.673 min Scan# 1658
Delta R.T. 0.006 min
Lab File: VD069152.D
Acq: 13 May 2021 12:51



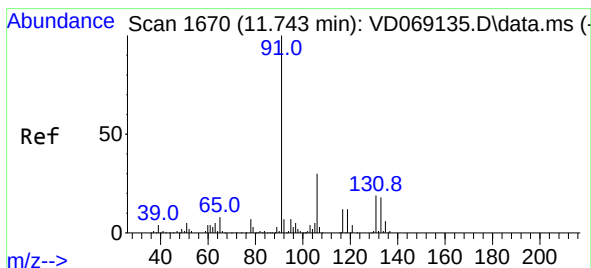
Tgt Ion:112 Resp: 39028
Ion Ratio Lower Upper
112 100
114 30.2 25.8 38.6



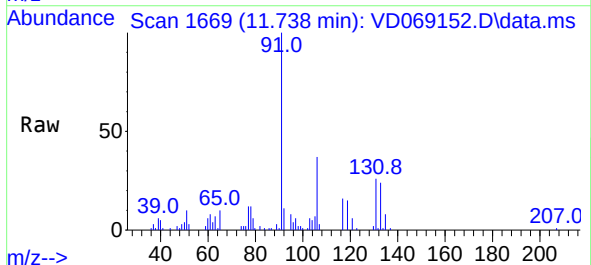
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2021

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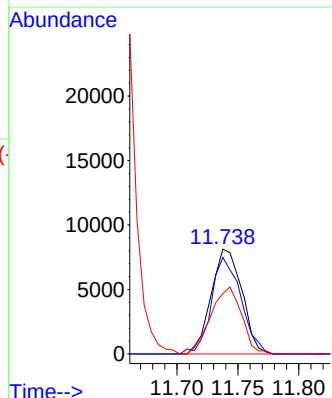
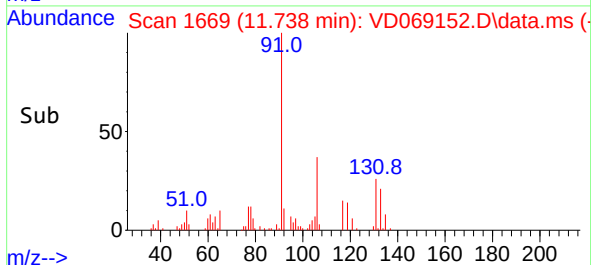
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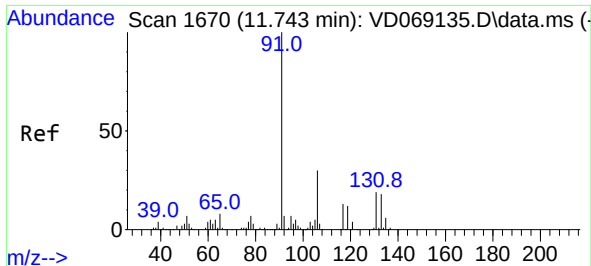


#66
1,1,1,2-Tetrachloroethane
Concen: 4.10 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.006 min
Lab File: VD069152.D
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Tgt Ion:131 Resp: 14314
Ion Ratio Lower Upper
131 100
133 88.9 47.5 142.5
119 63.8 32.1 96.5





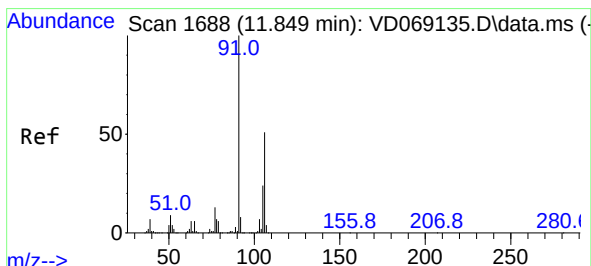
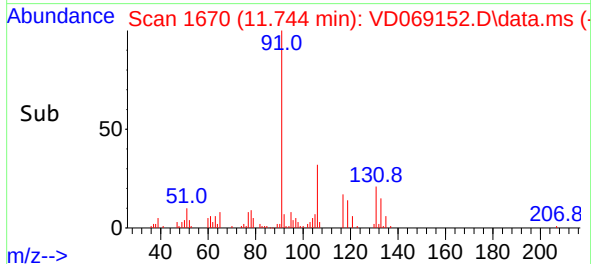
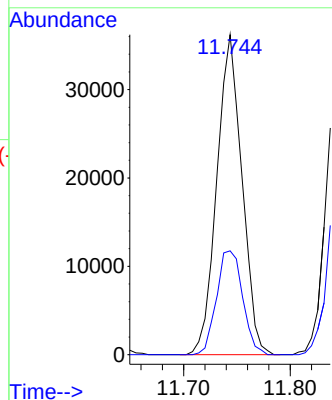
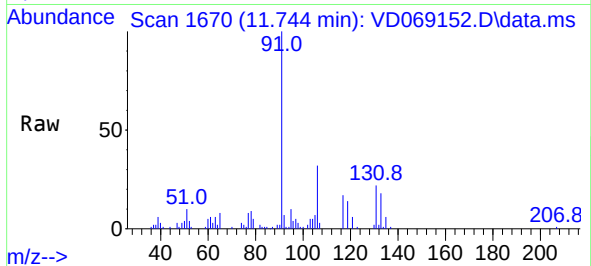
#67
Ethyl Benzene
Concen: 3.71 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD069152.D
Acq: 13 May 2021 12:51

Tgt Ion: 91 Resp: 59188
Ion Ratio Lower Upper
91 100
106 32.5 24.0 36.0

Instrument :
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ClientSampleId :
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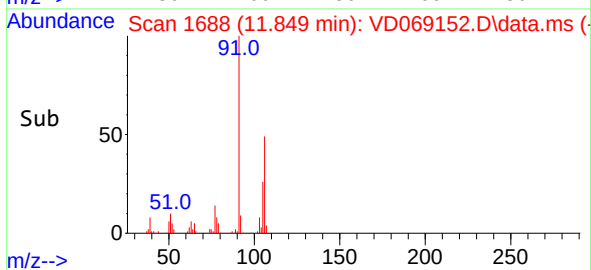
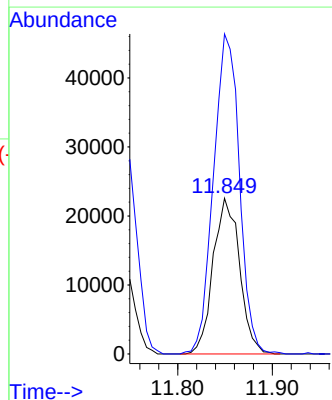
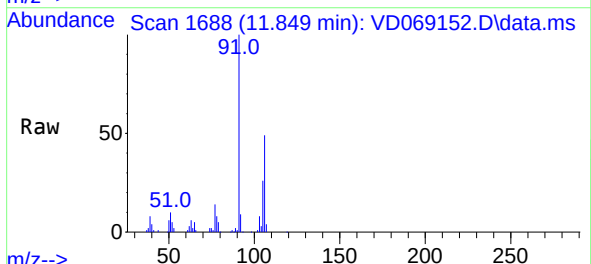
Manual Integrations
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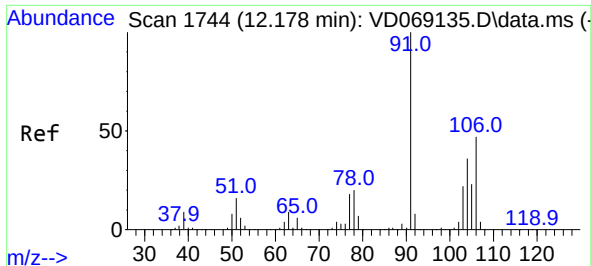
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#68
m/p-Xylenes
Concen: 7.01 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VD069152.D
Acq: 13 May 2021 12:51

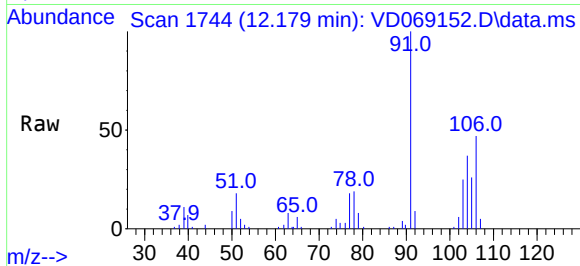
Tgt Ion: 106 Resp: 43751
Ion Ratio Lower Upper
106 100
91 202.1 157.3 235.9





#69
o-Xylene
Concen: 3.71 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VD069152.D
Acq: 13 May 2021 12:51

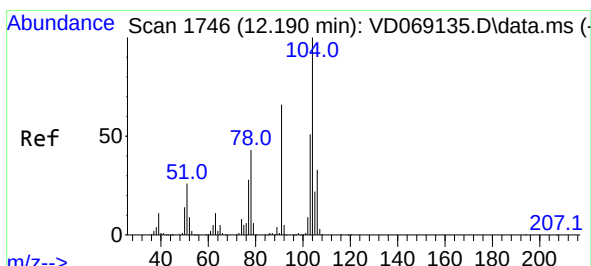
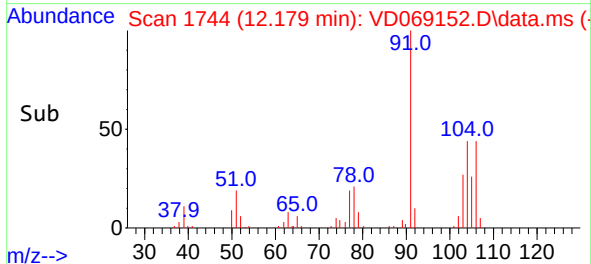
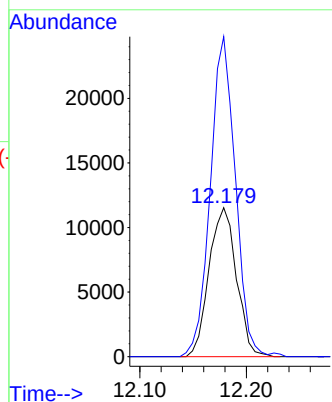
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2021



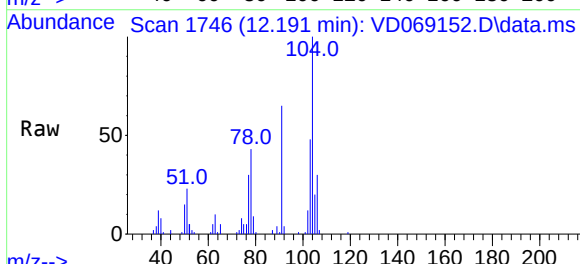
Tgt Ion:106 Resp: 20630
Ion Ratio Lower Upper
106 100
91 196.7 104.8 314.6

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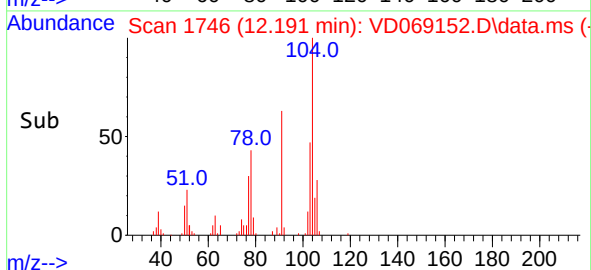
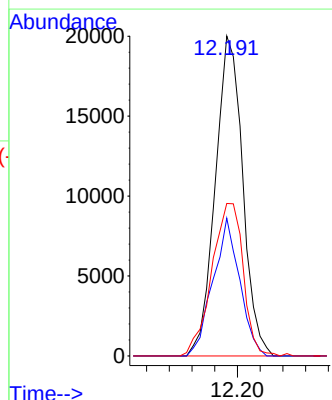
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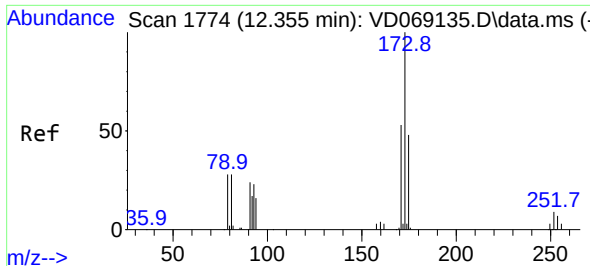


#70
Styrene
Concen: 3.46 ug/l
RT: 12.191 min Scan# 1746
Delta R.T. 0.000 min
Lab File: VD069152.D
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Tgt Ion:104 Resp: 33560
Ion Ratio Lower Upper
104 100
78 41.9 37.8 56.6
103 54.6 44.8 67.2





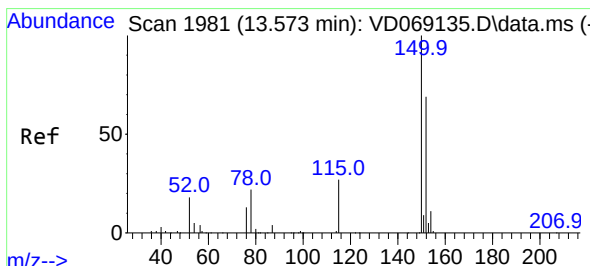
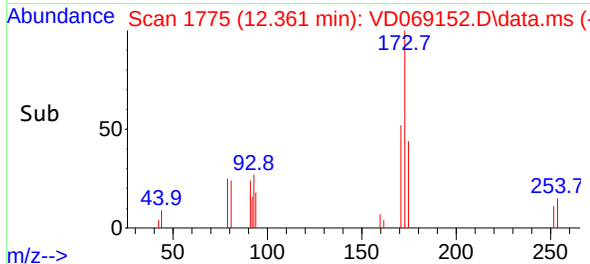
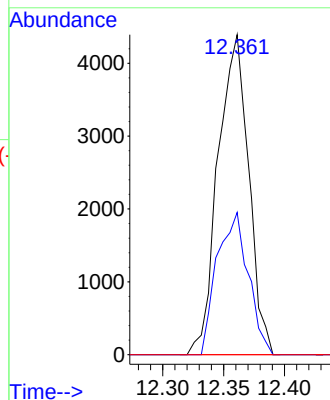
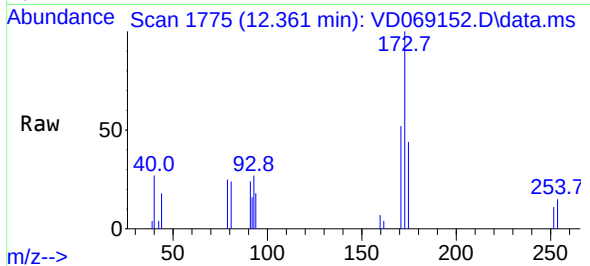
#71
Bromoform
Concen: 4.23 ug/l
RT: 12.361 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VD069152.D
Acq: 13 May 2021 12:51

Tgt Ion:	173	Resp:	7683
Ion Ratio	Lower	Upper	
173	100		
175	45.3	24.3	73.0
254	0.0	0.0	0.0

Instrument :
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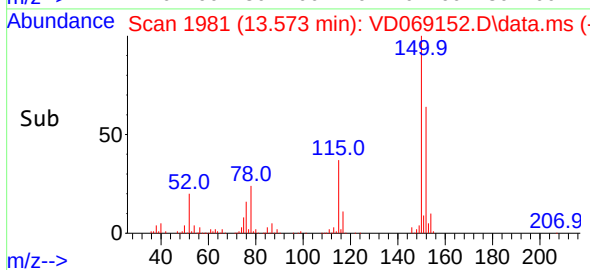
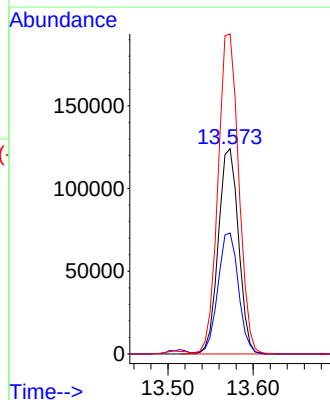
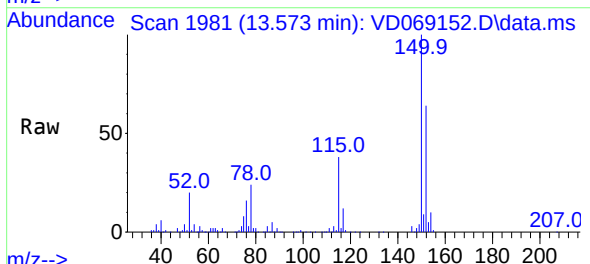
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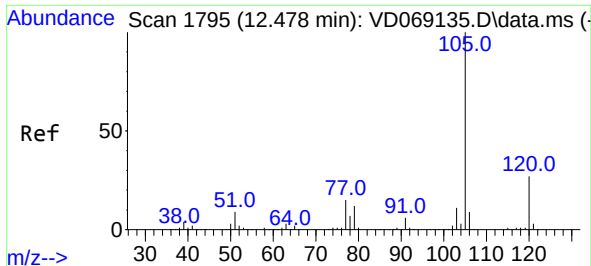
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD069152.D
Acq: 13 May 2021 12:51

Tgt Ion:	152	Resp:	204319
Ion Ratio	Lower	Upper	
152	100		
115	60.3	29.9	89.8
150	160.0	0.0	350.2





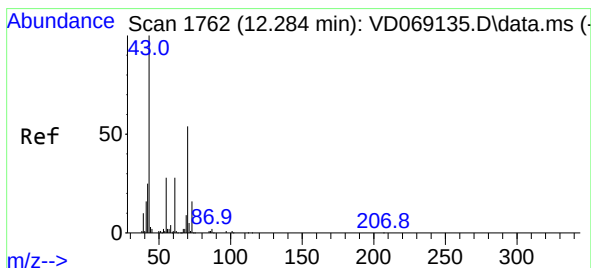
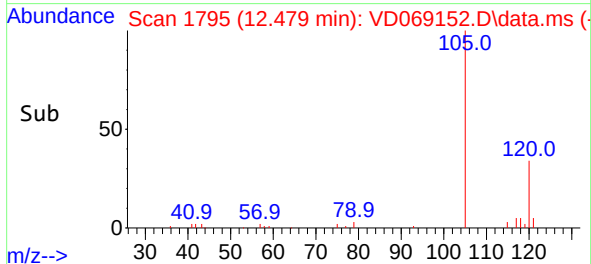
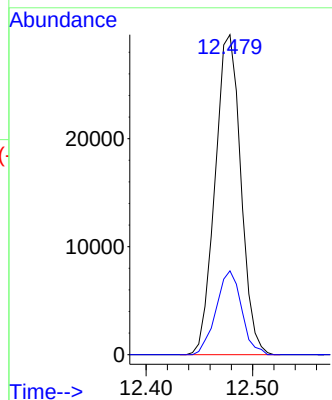
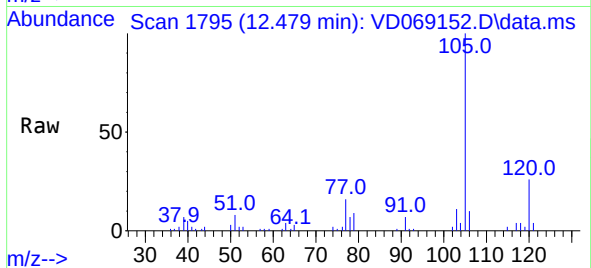
#73
Isopropylbenzene
Concen: 3.49 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VD069152.D
Acq: 13 May 2021 12:51

Tgt Ion: 105 Resp: 49769
Ion Ratio Lower Upper
105 100
120 25.9 13.4 40.2

Instrument :
MSVOA_D
ClientSampleId :
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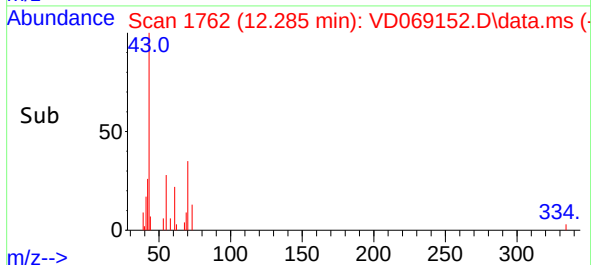
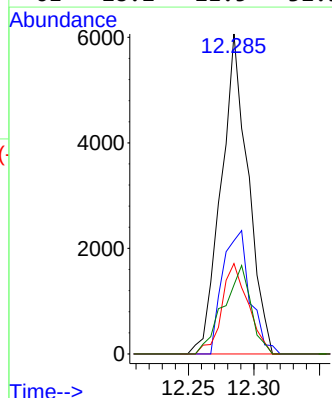
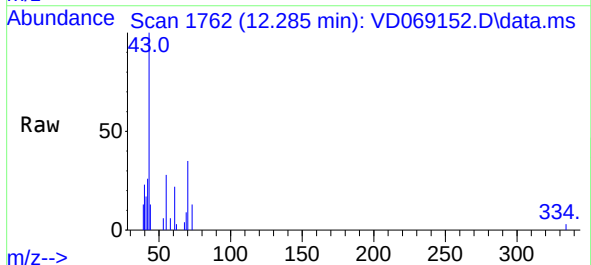
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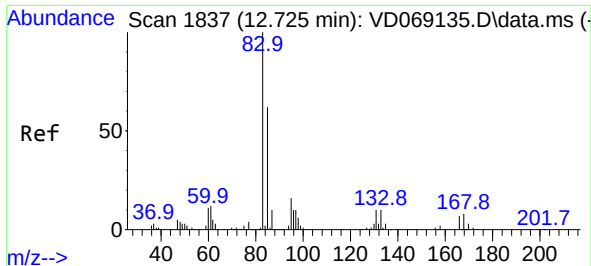
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#74
N-ethyl acetate
Concen: 3.71 ug/l
RT: 12.285 min Scan# 1762
Delta R.T. 0.000 min
Lab File: VD069152.D
Acq: 13 May 2021 12:51

Tgt Ion: 43 Resp: 8663
Ion Ratio Lower Upper
43 100
70 39.3 41.6 62.4#
55 27.7 22.6 34.0
61 28.2 21.5 32.3





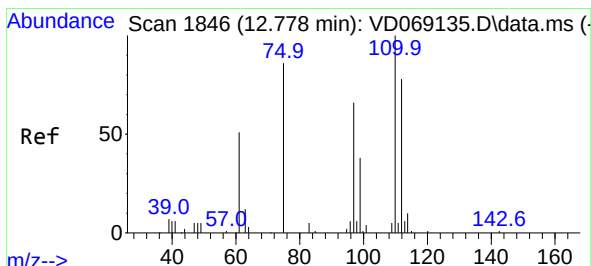
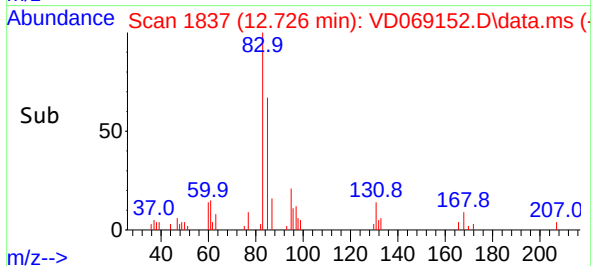
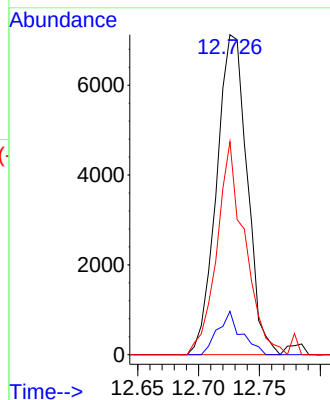
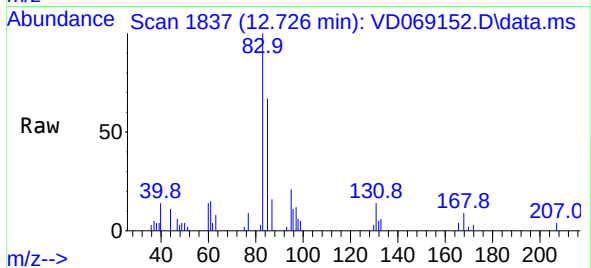
#75
1,1,2,2-Tetrachloroethane
Concen: 4.81 ug/l
RT: 12.726 min Scan# 1837
Delta R.T. 0.000 min
Lab File: VD069152.D
Acq: 13 May 2021 12:51

Tgt Ion: 83 Resp: 12447
Ion Ratio Lower Upper
83 100
131 10.4 5.4 16.2
85 60.8 31.9 95.5

Instrument :
MSVOA_D
ClientSampleId :
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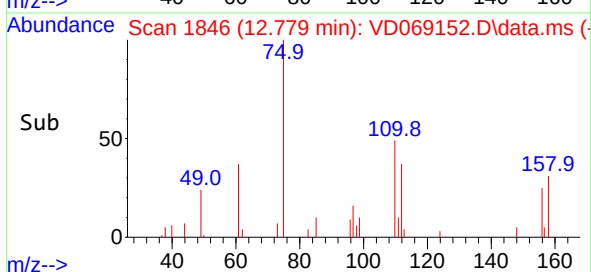
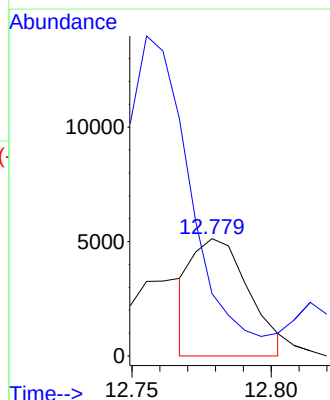
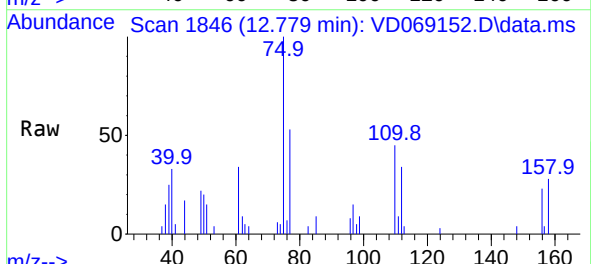
Manual Integrations
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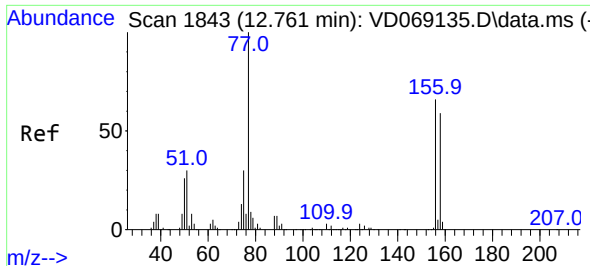
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#76
1,2,3-Trichloropropane
Concen: 4.70 ug/l m
RT: 12.779 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VD069152.D
Acq: 13 May 2021 12:51

Tgt Ion: 75 Resp: 7219
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





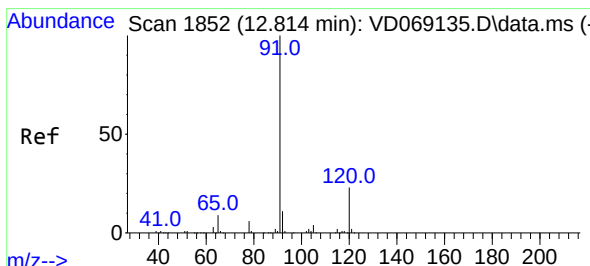
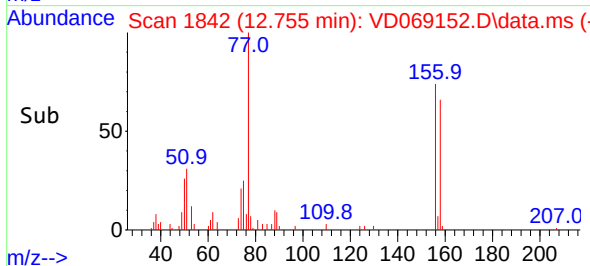
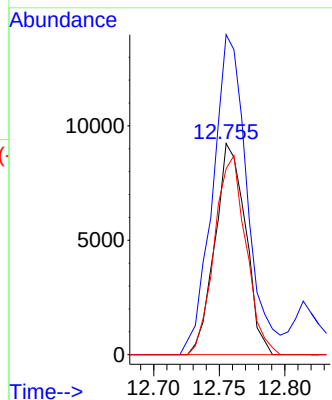
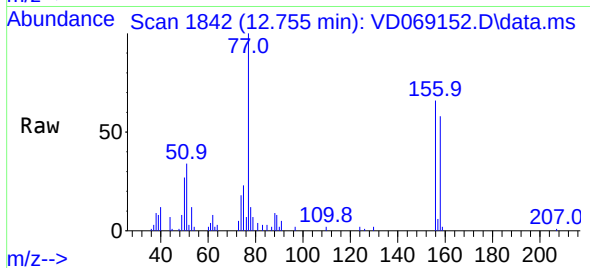
#77
Bromobenzene
Concen: 4.43 ug/l
RT: 12.755 min Scan# 1842
Delta R.T. -0.006 min
Lab File: VD069152.D
Acq: 13 May 2021 12:51

Tgt Ion: 156 Resp: 14995
Ion Ratio Lower Upper
156 100
77 169.7 85.8 257.3
158 96.9 47.8 143.4

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2021

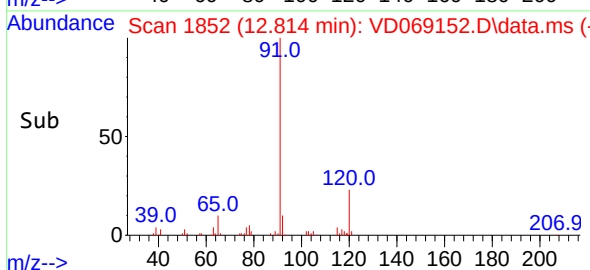
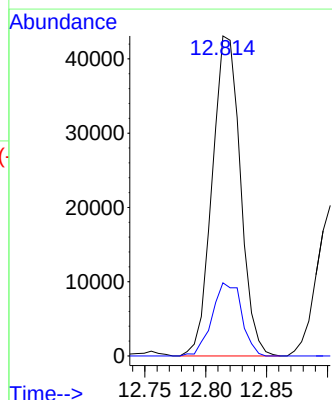
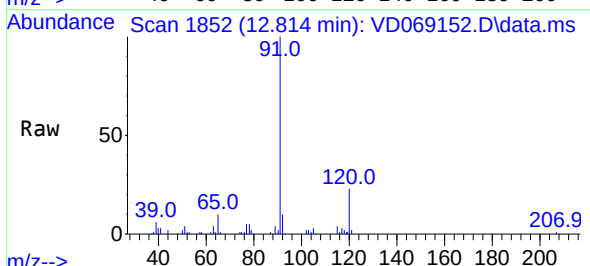
Manual Integrations
APPROVED

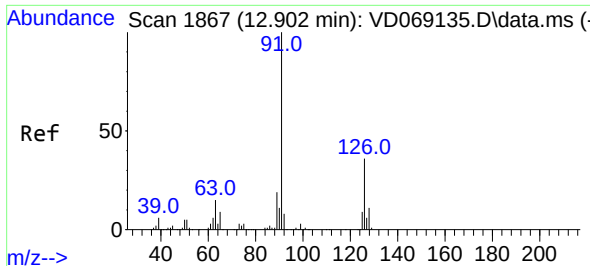
MMDadoda
5/14/2021 6:49:21 PM



#78
n-propylbenzene
Concen: 4.02 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VD069152.D
Acq: 13 May 2021 12:51

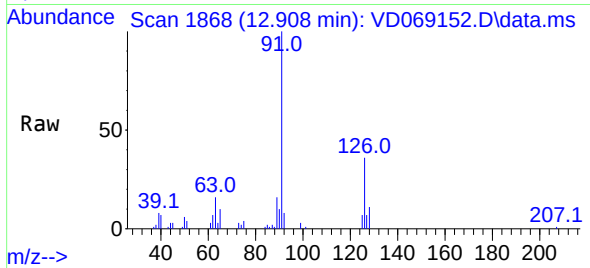
Tgt Ion: 91 Resp: 69326
Ion Ratio Lower Upper
91 100
120 23.9 11.6 34.7





#79
2-Chlorotoluene
Concen: 3.92 ug/l
RT: 12.908 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD069152.D
Acq: 13 May 2021 12:51

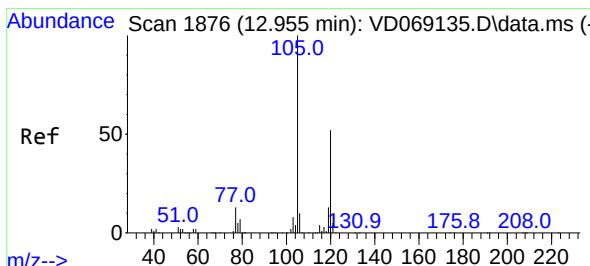
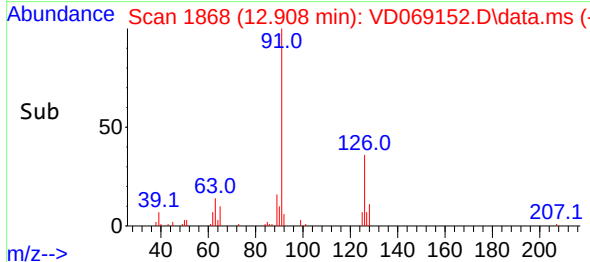
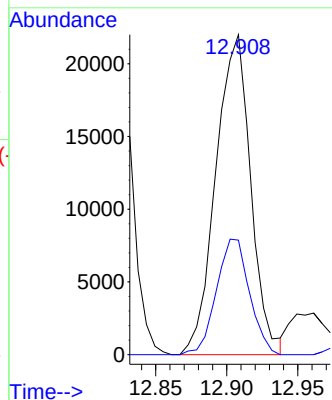
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2021



Tgt Ion: 91 Resp: 37562
Ion Ratio Lower Upper
91 100
126 34.3 18.1 54.1

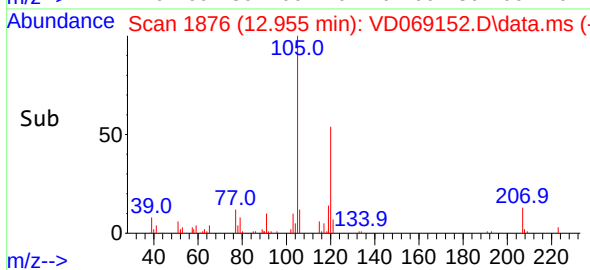
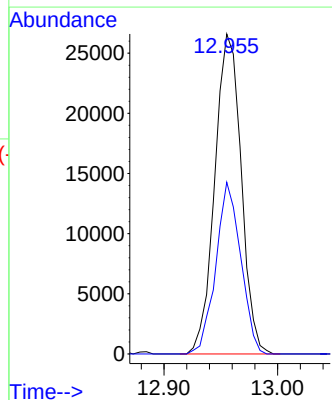
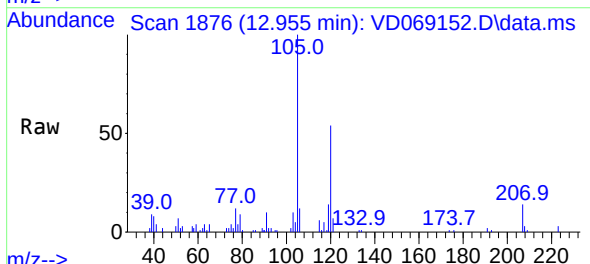
Manual Integrations
APPROVED

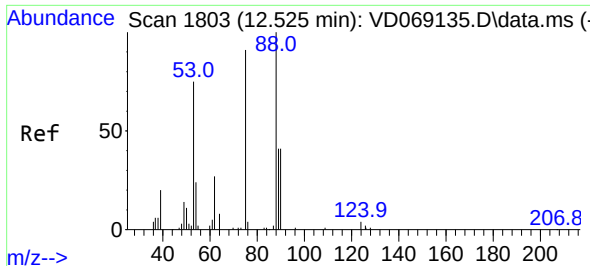
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#80
1,3,5-Trimethylbenzene
Concen: 3.65 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VD069152.D
Acq: 13 May 2021 12:51

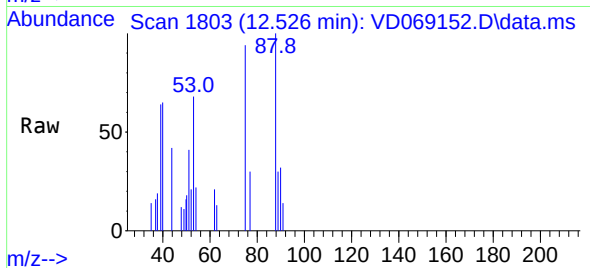
Tgt Ion: 105 Resp: 42970
Ion Ratio Lower Upper
105 100
120 50.5 25.3 75.8





#81
trans-1,4-Dichloro-2-butene
Concen: 4.11 ug/l
RT: 12.526 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VD069152.D
Acq: 13 May 2021 12:51

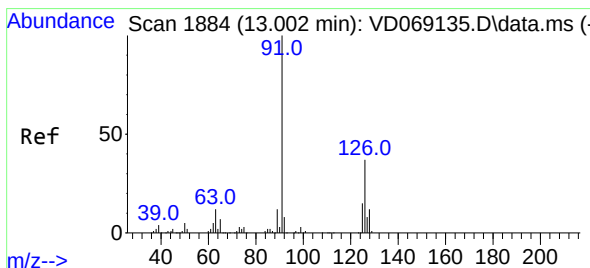
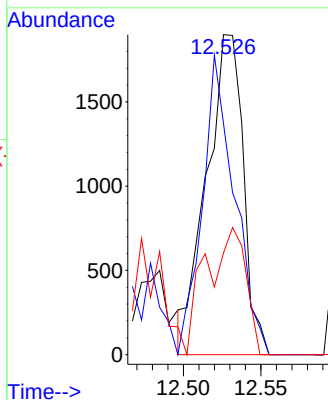
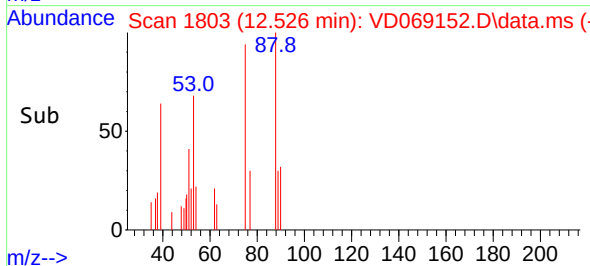
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2021



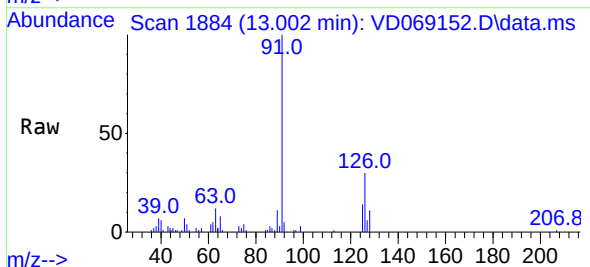
Tgt Ion: 75 Resp: 3127
Ion Ratio Lower Upper
75 100
53 81.9 70.0 105.0
89 43.0 40.2 60.2

Manual Integrations
APPROVED

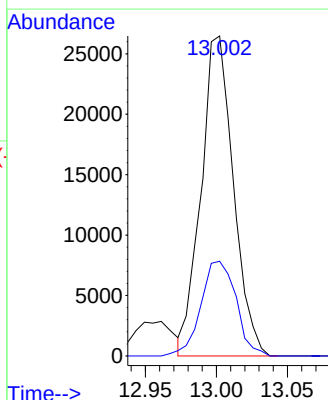
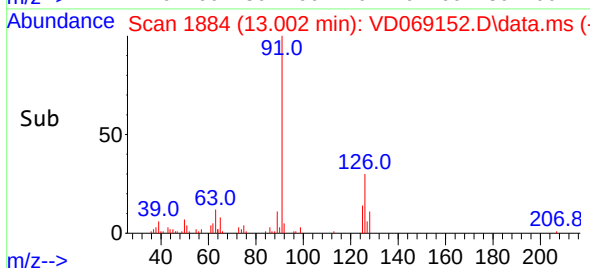
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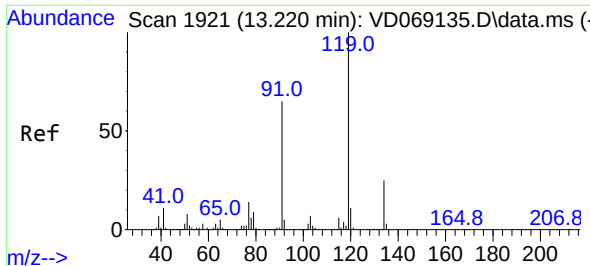


#82
4-Chlorotoluene
Concen: 4.11 ug/l
RT: 13.002 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD069152.D
Acq: 13 May 2021 12:51



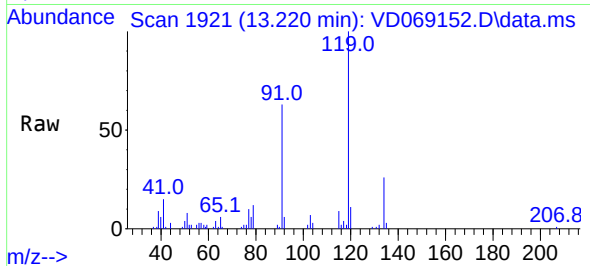
Tgt Ion: 91 Resp: 42022
Ion Ratio Lower Upper
91 100
126 32.2 17.7 53.1





#83
tert-Butylbenzene
Concen: 3.90 ug/l
RT: 13.220 min Scan# 1921
Delta R.T. 0.000 min
Lab File: VD069152.D
Acq: 13 May 2021 12:51

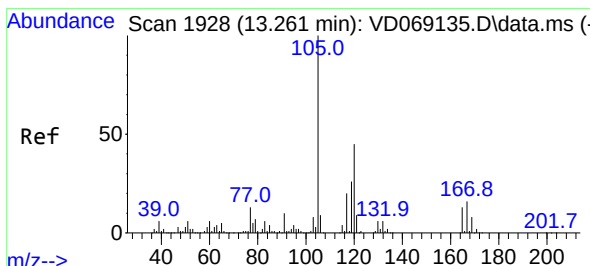
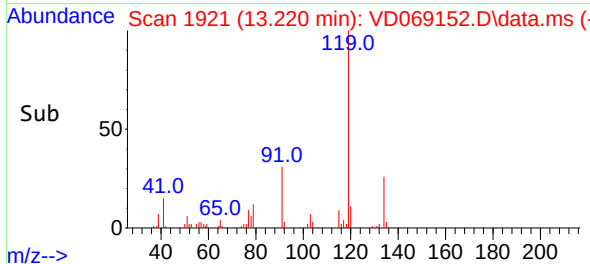
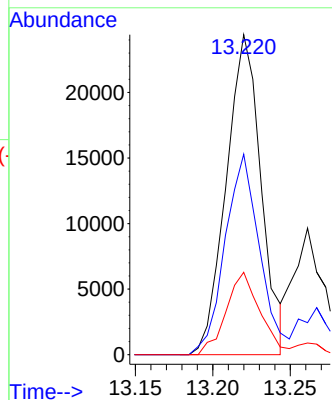
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2021



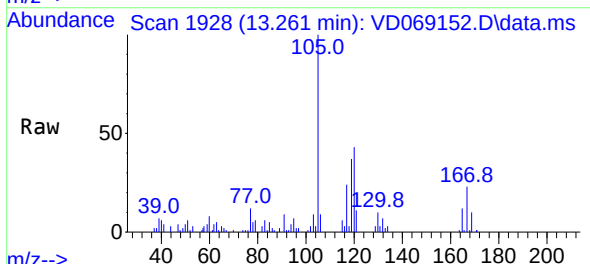
Tgt Ion:119 Resp: 38264
Ion Ratio Lower Upper
119 100
91 62.3 32.5 97.4
134 25.1 13.8 41.3

Manual Integrations
APPROVED

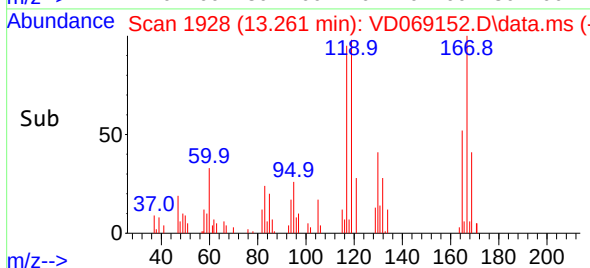
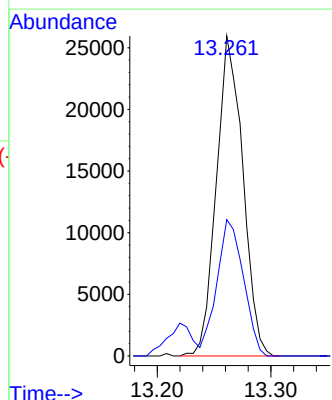
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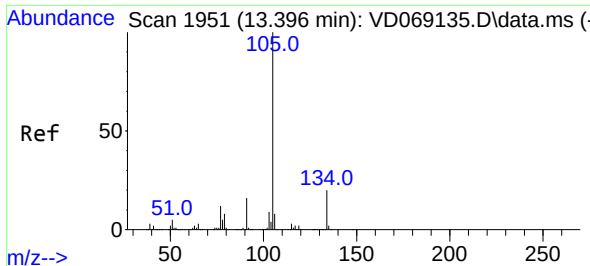


#84
1,2,4-Trimethylbenzene
Concen: 3.54 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. 0.000 min
Lab File: VD069152.D
Acq: 13 May 2021 12:51

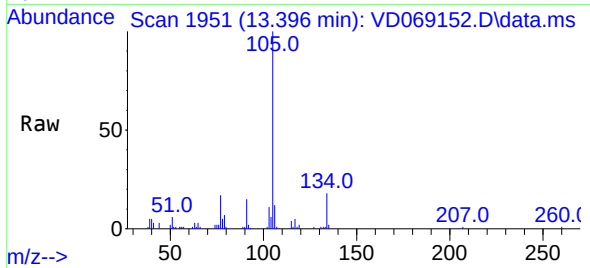


Tgt Ion:105 Resp: 41907
Ion Ratio Lower Upper
105 100
120 42.8 22.8 68.4

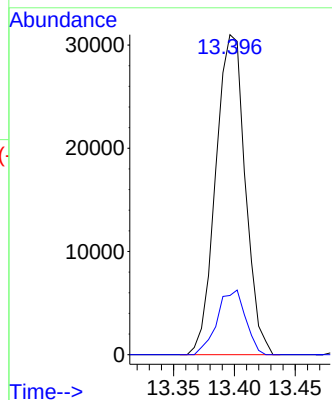




#85
sec-Butylbenzene
Concen: 3.54 ug/l
RT: 13.396 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VD069152.D
Acq: 13 May 2021 12:51



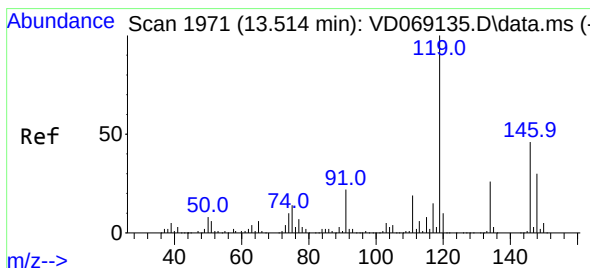
Tgt Ion:105 Resp: 52291
Ion Ratio Lower Upper
105 100
134 19.4 10.3 30.8



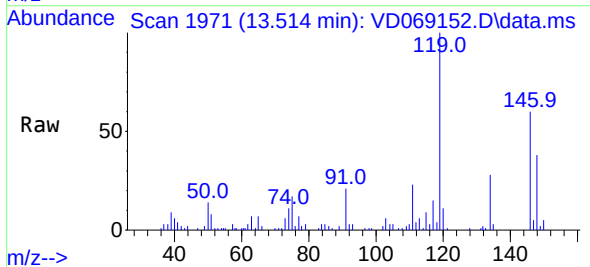
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2021

Manual Integrations
APPROVED

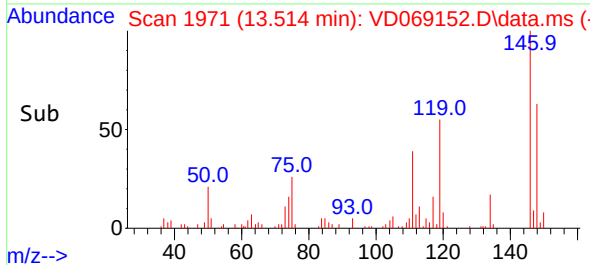
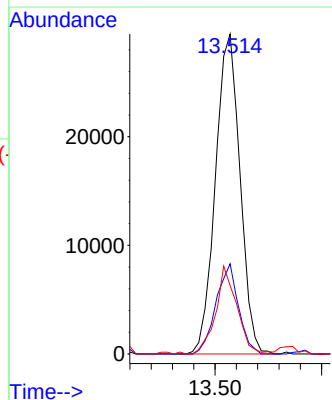
MMDadoda
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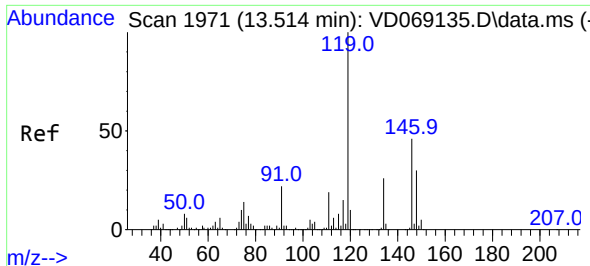


#86
p-Isopropyltoluene
Concen: 3.63 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. 0.000 min
Lab File: VD069152.D
Acq: 13 May 2021 12:51



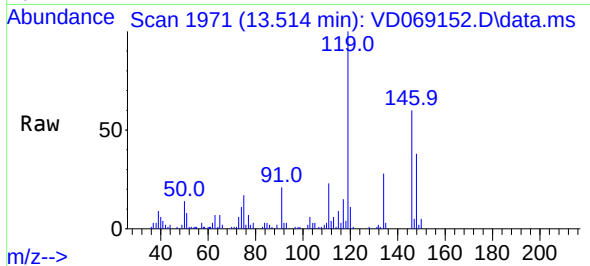
Tgt Ion:119 Resp: 47093
Ion Ratio Lower Upper
119 100
134 25.8 13.2 39.5
91 23.5 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 4.21 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. 0.000 min
Lab File: VD069152.D
Acq: 13 May 2021 12:51

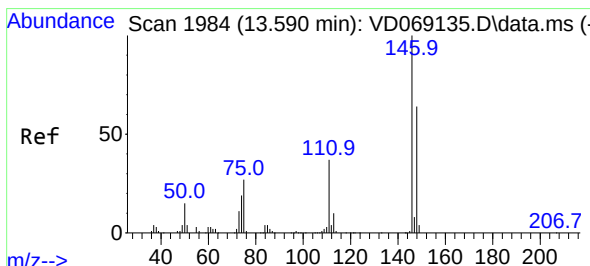
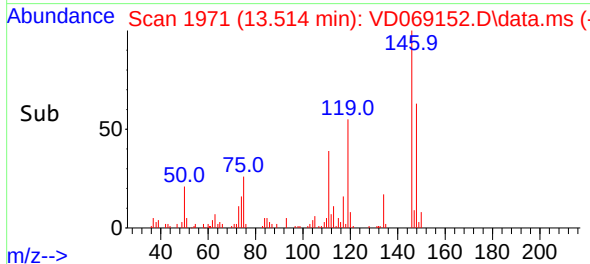
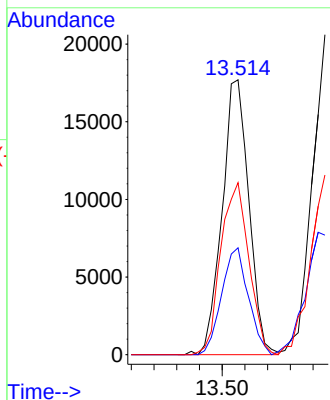
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2021



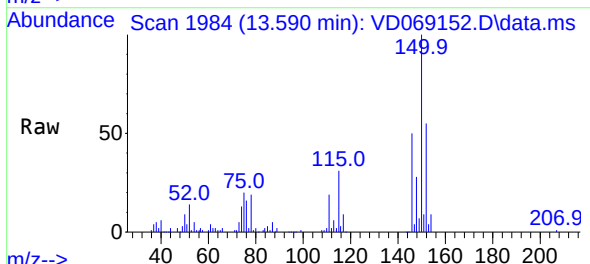
Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.9	59.6
148	65.8	31.6	94.8

Manual Integrations
APPROVED

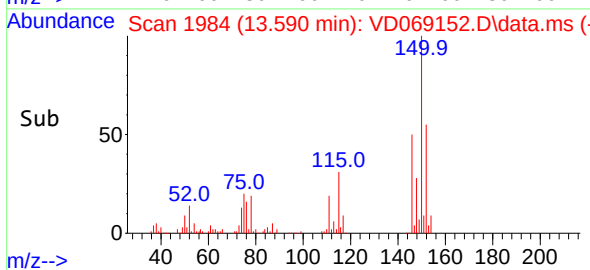
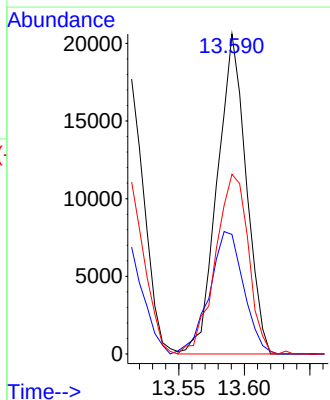
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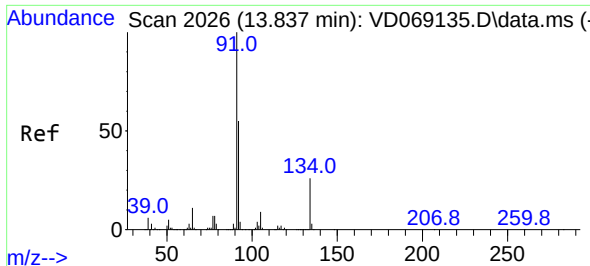


#88
1,4-Dichlorobenzene
Concen: 4.64 ug/l
RT: 13.590 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VD069152.D
Acq: 13 May 2021 12:51

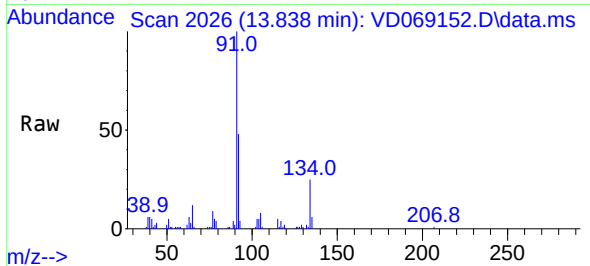


Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.5	19.4	58.2
148	64.1	32.4	97.0

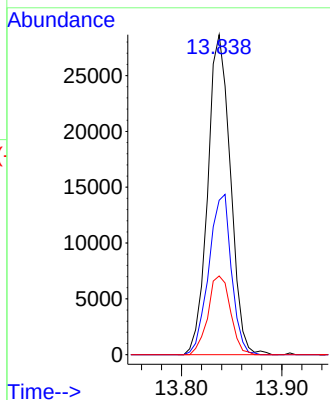
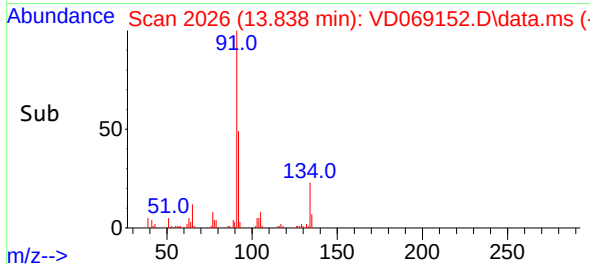




#89
n-Butylbenzene
Concen: 3.73 ug/l
RT: 13.838 min Scan# 2026
Delta R.T. 0.000 min
Lab File: VD069152.D
Acq: 13 May 2021 12:51



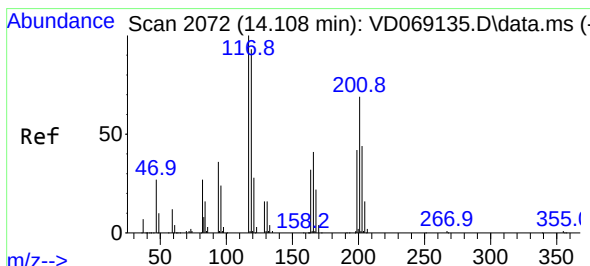
Tgt Ion: 91 Resp: 45054
Ion Ratio Lower Upper
91 100
92 49.9 26.5 79.5
134 24.5 13.0 39.0



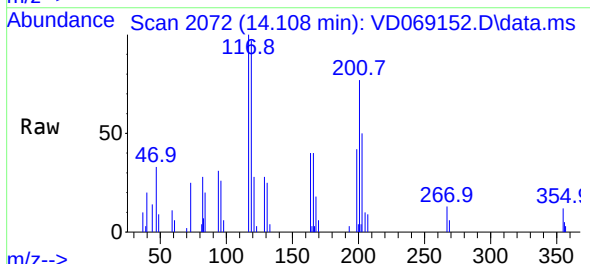
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2021

Manual Integrations
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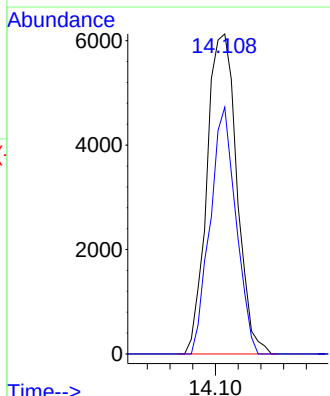
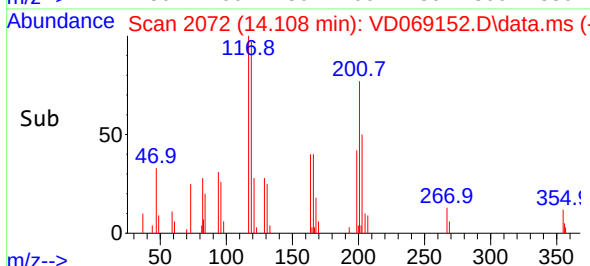
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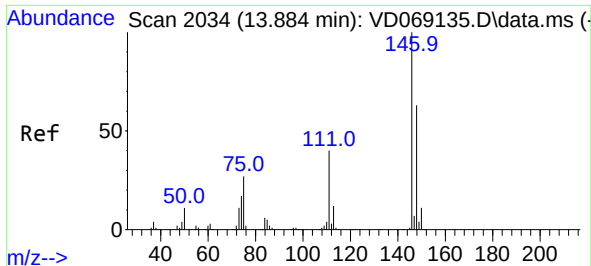


#90
Hexachloroethane
Concen: 4.62 ug/l
RT: 14.108 min Scan# 2072
Delta R.T. 0.000 min
Lab File: VD069152.D
Acq: 13 May 2021 12:51



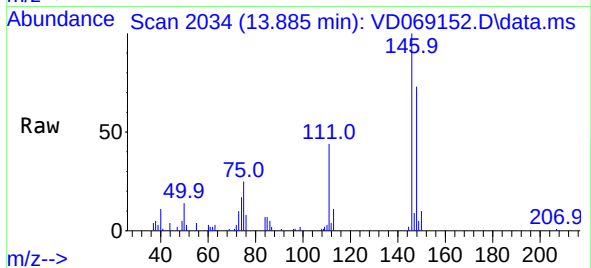
Tgt Ion: 117 Resp: 11223
Ion Ratio Lower Upper
117 100
201 66.5 35.4 106.1





#91
1,2-Dichlorobenzene
Concen: 4.20 ug/l
RT: 13.885 min Scan# 2034
Delta R.T. 0.000 min
Lab File: VD069152.D
Acq: 13 May 2021 12:51

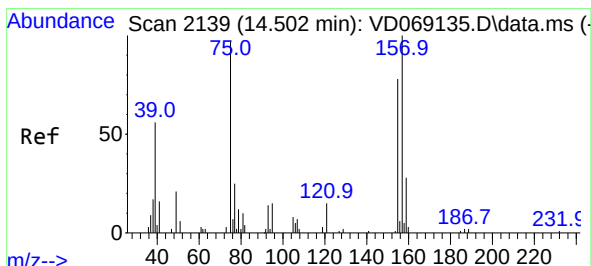
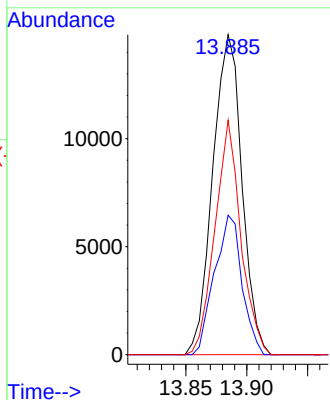
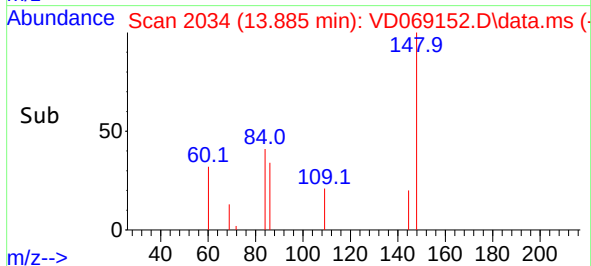
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2021



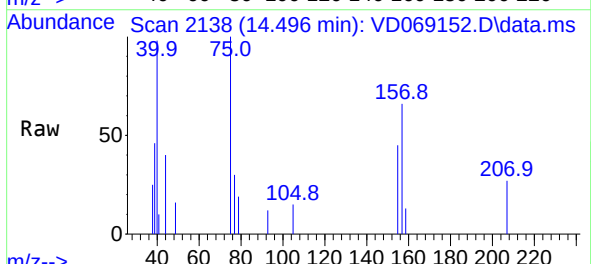
Tgt Ion:146 Resp: 24713
Ion Ratio Lower Upper
146 100
111 41.0 20.3 61.0
148 64.9 31.3 93.8

Manual Integrations
APPROVED

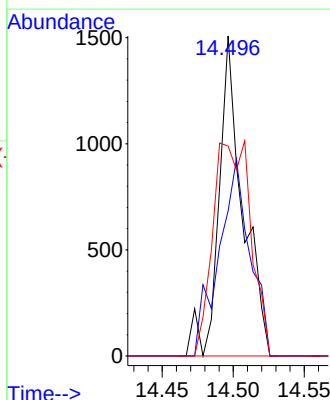
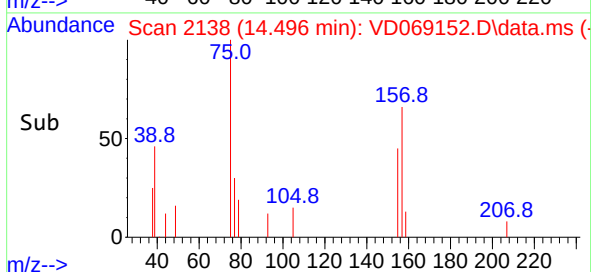
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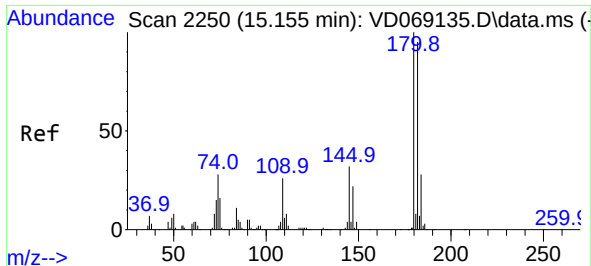


#92
1,2-Dibromo-3-Chloropropane
Concen: 4.37 ug/l
RT: 14.496 min Scan# 2138
Delta R.T. -0.006 min
Lab File: VD069152.D
Acq: 13 May 2021 12:51



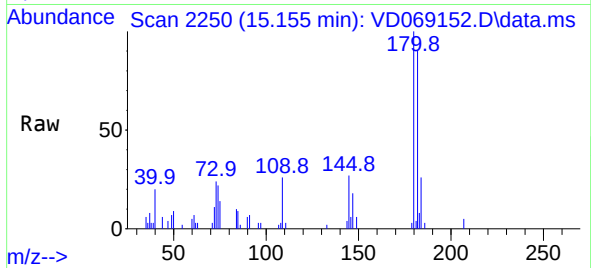
Tgt Ion: 75 Resp: 1754
Ion Ratio Lower Upper
75 100
155 80.8 43.9 131.7
157 106.4 54.9 164.7





#93
1,2,4-Trichlorobenzene
Concen: 3.77 ug/l
RT: 15.155 min Scan# 2250
Delta R.T. 0.000 min
Lab File: VD069152.D
Acq: 13 May 2021 12:51

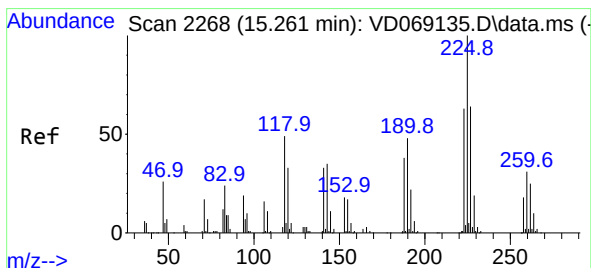
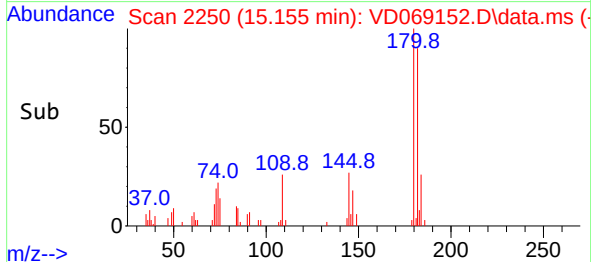
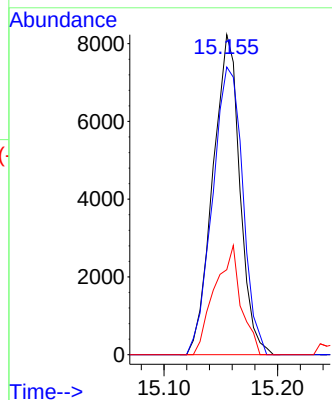
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2021



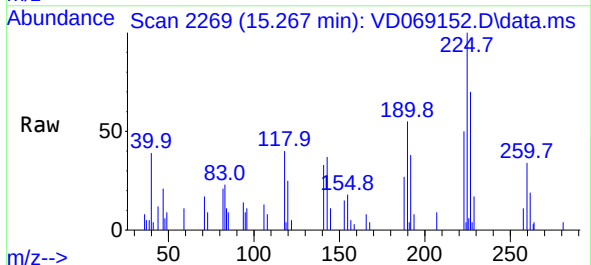
Tgt Ion:	180	Resp:	13624
Ion Ratio	Lower	Upper	
180	100		
182	100.3	47.8	143.3
145	33.2	15.6	46.8

Manual Integrations
APPROVED

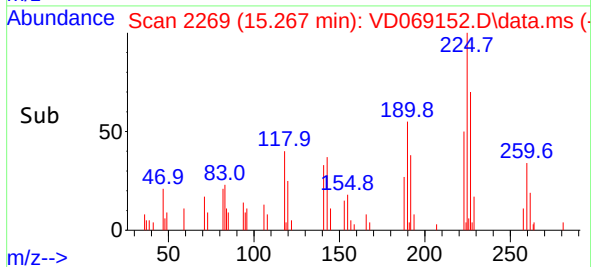
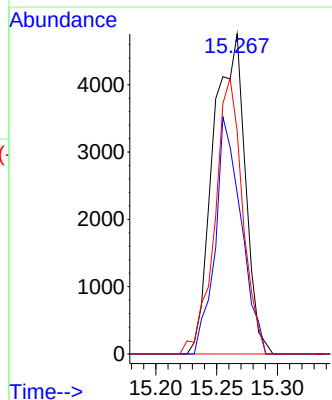
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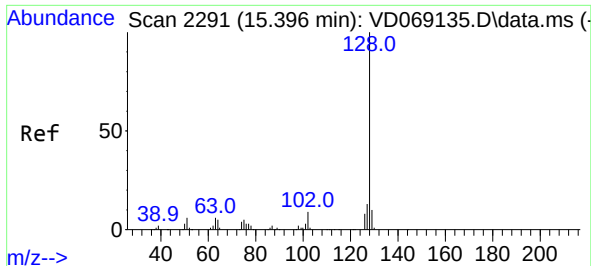


#94
Hexachlorobutadiene
Concen: 3.98 ug/l
RT: 15.267 min Scan# 2269
Delta R.T. 0.006 min
Lab File: VD069152.D
Acq: 13 May 2021 12:51

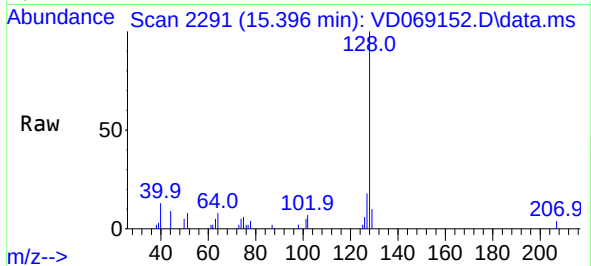


Tgt Ion:	225	Resp:	8632
Ion Ratio	Lower	Upper	
225	100		
223	60.4	31.1	93.5
227	75.2	31.6	95.0

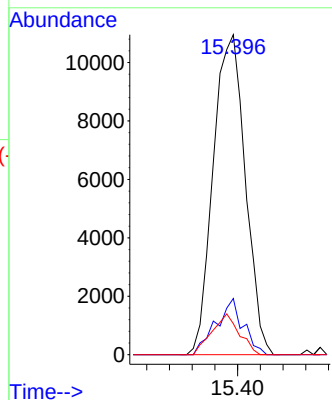




#95
Naphthalene
Concen: 3.55 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.000 min
Lab File: VD069152.D
Acq: 13 May 2021 12:51



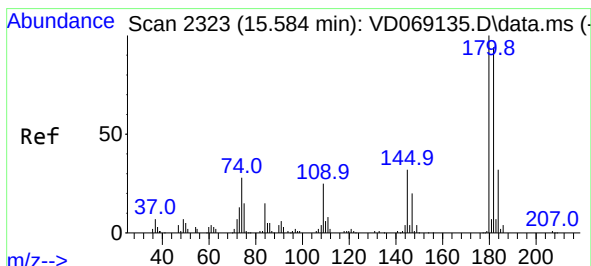
Tgt Ion:	128	Resp:	21461
Ion Ratio	Lower	Upper	
128	100		
127	14.9	10.5	15.7
129	10.9	8.9	13.3



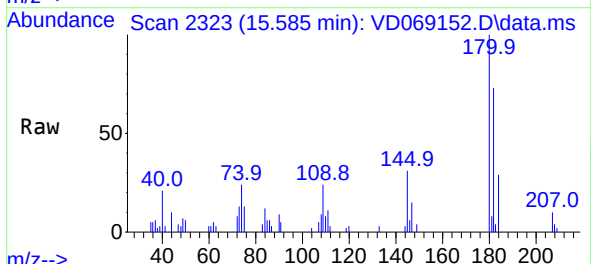
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2021

Manual Integrations
APPROVED

MMDadoda
5/14/2021 6:49:21 PM



#96
1,2,3-Trichlorobenzene
Concen: 4.04 ug/l
RT: 15.585 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VD069152.D
Acq: 13 May 2021 12:51



Tgt Ion:	180	Resp:	12468
Ion Ratio	Lower	Upper	
180	100		
182	91.2	47.8	143.4
145	29.1	16.1	48.3

