

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090921\
 Data File : VW020007.D
 Acq On : 09 Sep 2021 17:38
 Operator : SY/VA
 Sample : M2940-03 2.5PPBMDL
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL-SOIL-03-QT3-2021DL

Manual Integrations
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Quant Time: Sep 10 04:10:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W090721S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 10 04:09:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.951	168	181258	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.848	114	300015	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	277995	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	133843	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	111177	52.836	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.680%	
35) Dibromofluoromethane	7.891	113	101752	51.645	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.300%	
50) Toluene-d8	10.329	98	374202	51.094	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.180%	
62) 4-Bromofluorobenzene	12.621	95	134329	49.570	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 99.140%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.014	85	2575	2.339	ug/l	96
3) Chloromethane	2.221	50	4730	2.887	ug/l	99
4) Vinyl Chloride	2.367	62	6573	2.474	ug/l	97
5) Bromomethane	2.788	94	5600	2.600	ug/l	98
6) Chloroethane	2.928	64	4467	2.441	ug/l	93
7) Trichlorofluoromethane	3.269	101	3288	2.163	ug/l	85
8) Diethyl Ether	3.696	74	2257	2.425	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.062	101	5077	2.558	ug/l	99
10) Methyl Iodide	4.281	142	6454	2.374	ug/l	97
11) Tert butyl alcohol	5.135	59	4784	47.499	ug/l #	72
12) 1,1-Dichloroethene	4.050	96	4677	2.501	ug/l	84
13) Acrolein	3.903	56	768	10.007	ug/l #	77
14) Allyl chloride	4.672	41	5892	2.316	ug/l	96
15) Acrylonitrile	5.373	53	5027	12.960	ug/l	95
16) Acetone	4.123	43	7835	23.183	ug/l #	88
17) Carbon Disulfide	4.385	76	13844	2.432	ug/l	99
18) Methyl Acetate	4.678	43	2822	2.941	ug/l	100
19) Methyl tert-butyl Ether	5.428	73	5956	2.414	ug/l	98
20) Methylene Chloride	4.928	84	16171	6.363	ug/l	93
21) trans-1,2-Dichloroethene	5.434	96	5233	2.463	ug/l	98
22) Diisopropyl ether	6.318	45	11274	2.092	ug/l	97
23) Vinyl Acetate	6.263	43	28044	9.537	ug/l	98
24) 1,1-Dichloroethane	6.220	63	9349	2.449	ug/l	97
25) 2-Butanone	7.177	43	7319	15.105	ug/l	94
26) 2,2-Dichloropropane	7.171	77	7640	3.310	ug/l	86
27) cis-1,2-Dichloroethene	7.171	96	5495	2.422	ug/l	82
28) Bromochloromethane	7.513	49	4037	2.665	ug/l	99
29) Tetrahydrofuran	7.531	42	3439	11.408	ug/l	93
30) Chloroform	7.677	83	10039	2.496	ug/l	100
31) Cyclohexane	7.951	56	11784	3.435	ug/l #	69
32) 1,1,1-Trichloroethane	7.872	97	8057	2.476	ug/l	99
36) 1,1-Dichloropropene	8.086	75	7391	2.342	ug/l	97
37) Ethyl Acetate	7.263	43	3447	2.971	ug/l #	93
38) Carbon Tetrachloride	8.067	117	7412	2.303	ug/l	95
39) Methylcyclohexane	9.341	83	8274	2.262	ug/l	98
40) Benzene	8.329	78	21897	2.519	ug/l	100

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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	7.488	41	1290	2.008	ug/l #	89
42) 1,2-Dichloroethane	8.403	62	6563	2.459	ug/l	98
43) Isopropyl Acetate	8.427	43	5116	2.323	ug/l	96
44) Trichloroethene	9.092	130	5828	2.555	ug/l	93
45) 1,2-Dichloropropane	9.372	63	5109	2.417	ug/l	96
46) Dibromomethane	9.463	93	2877	2.412	ug/l	98
47) Bromodichloromethane	9.646	83	6638	2.234	ug/l #	94
48) Methyl methacrylate	9.439	41	1968	2.043	ug/l	99
49) 1,4-Dioxane	9.451	88	687	45.104	ug/l #	84
51) 4-Methyl-2-Pentanone	10.213	43	14352	12.569	ug/l	95
52) Toluene	10.390	92	13591	2.469	ug/l	96
53) t-1,3-Dichloropropene	10.610	75	5886	2.065	ug/l #	87
54) cis-1,3-Dichloropropene	10.079	75	6863	2.068	ug/l	93
55) 1,1,2-Trichloroethane	10.786	97	3817	2.362	ug/l	95
56) Ethyl methacrylate	10.646	69	3433	1.899	ug/l	97
57) 1,3-Dichloropropane	10.933	76	6530	2.355	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.927	63	9311	11.283	ug/l	100
59) 2-Hexanone	10.969	43	8057	10.558	ug/l	93
60) Dibromochloromethane	11.128	129	4183	2.236	ug/l	99
61) 1,2-Dibromoethane	11.237	107	3637	2.403	ug/l	95
64) Tetrachloroethene	10.866	164	4962	2.572	ug/l	94
65) Chlorobenzene	11.658	112	14706	2.461	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.731	131	4840	2.273	ug/l	97
67) Ethyl Benzene	11.731	91	23288	2.209	ug/l	95
68) m/p-Xylenes	11.841	106	17381	4.178	ug/l	97
69) o-Xylene	12.164	106	7886	2.069	ug/l	100
70) Styrene	12.182	104	11846	1.834	ug/l	99
71) Bromoform	12.353	173	2208	2.106	ug/l #	94
73) Isopropylbenzene	12.463	105	20312	2.145	ug/l	99
74) N-amyl acetate	12.274	43	3719	1.913	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.713	83	4396	2.528	ug/l	99
76) 1,2,3-Trichloropropane	12.768	75	3667m	2.949	ug/l	
77) Bromobenzene	12.749	156	5571	2.536	ug/l	96
78) n-propylbenzene	12.804	91	28633	2.401	ug/l	98
79) 2-Chlorotoluene	12.890	91	16967	2.444	ug/l	99
80) 1,3,5-Trimethylbenzene	12.944	105	18167	2.176	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.512	75	1041m	2.027	ug/l	
82) 4-Chlorotoluene	12.987	91	17395	2.384	ug/l	100
83) tert-Butylbenzene	13.207	119	15061	2.154	ug/l	100
84) 1,2,4-Trimethylbenzene	13.249	105	17738	2.170	ug/l	99
85) sec-Butylbenzene	13.383	105	24110	2.271	ug/l	100
86) p-Isopropyltoluene	13.499	119	19053	2.131	ug/l	99
87) 1,3-Dichlorobenzene	13.499	146	11731	2.519	ug/l	97
88) 1,4-Dichlorobenzene	13.579	146	12642	2.735	ug/l	90
89) n-Butylbenzene	13.822	91	19086	2.229	ug/l	97
90) Hexachloroethane	14.091	117	4182	2.448	ug/l	99
91) 1,2-Dichlorobenzene	13.871	146	10135	2.505	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.493	75	857	3.003	ug/l	80
93) 1,2,4-Trichlorobenzene	15.127	180	6079	2.464	ug/l	96
94) Hexachlorobutadiene	15.231	225	3719	2.538	ug/l	88
95) Naphthalene	15.365	128	9567	2.242	ug/l	97
96) 1,2,3-Trichlorobenzene	15.554	180	5401	2.498	ug/l	98

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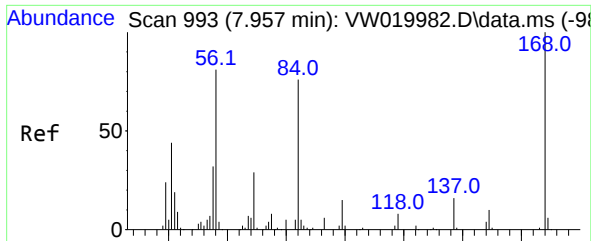
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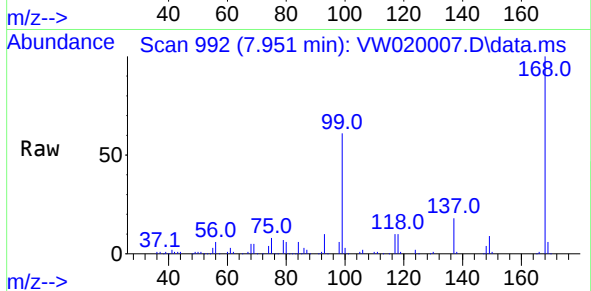
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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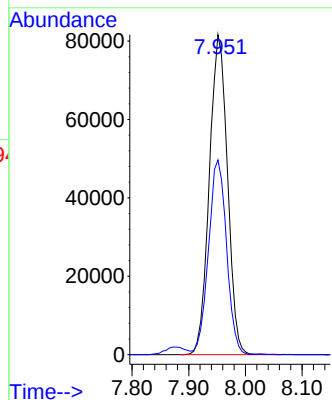
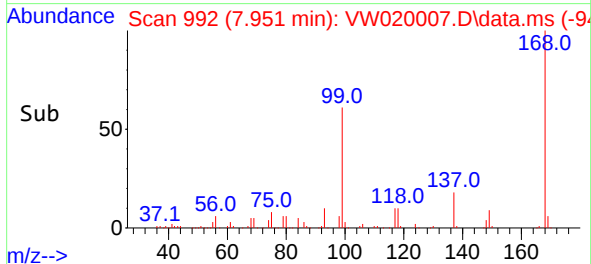
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.951 min Scan# 992
Delta R.T. -0.006 min
Lab File: VW020007.D
Acq: 09 Sep 2021 17:38



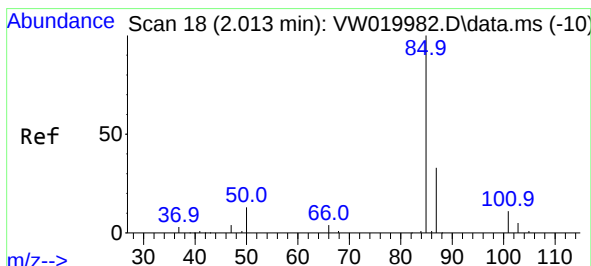
Tgt Ion:168 Resp: 181258
Ion Ratio Lower Upper
168 100
99 60.9 42.9 64.3



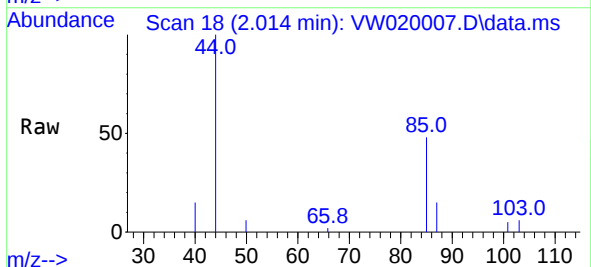
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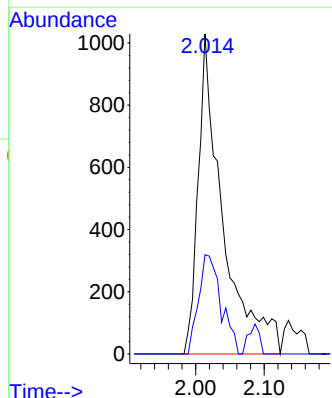
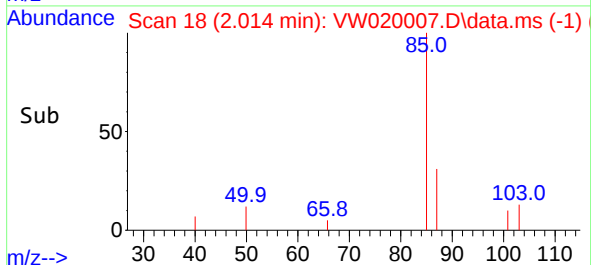
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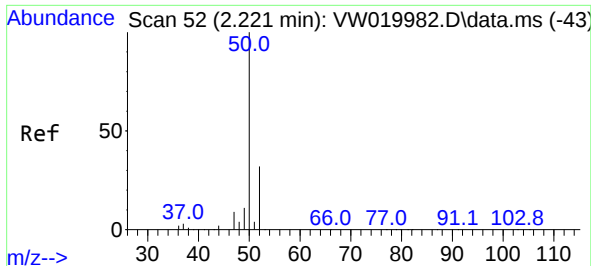


#2
Dichlorodifluoromethane
Concen: 2.339 ug/l
RT: 2.014 min Scan# 18
Delta R.T. 0.000 min
Lab File: VW020007.D
Acq: 09 Sep 2021 17:38



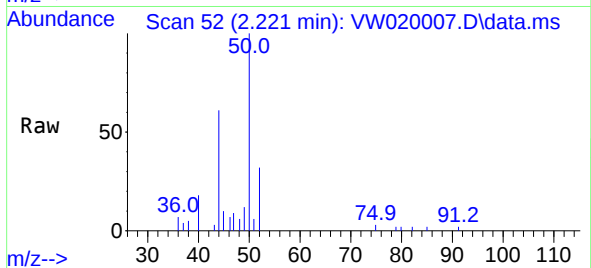
Tgt Ion: 85 Resp: 2575
Ion Ratio Lower Upper
85 100
87 31.0 16.7 50.0





#3
Chloromethane
Concen: 2.887 ug/l
RT: 2.221 min Scan# 52
Delta R.T. 0.000 min
Lab File: VW020007.D
Acq: 09 Sep 2021 17:38

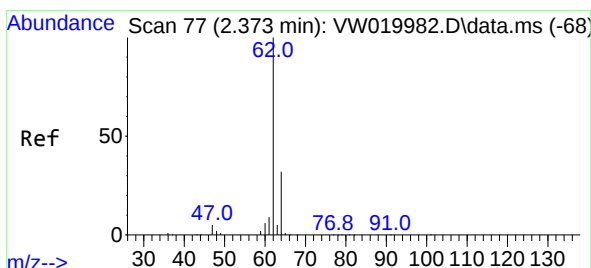
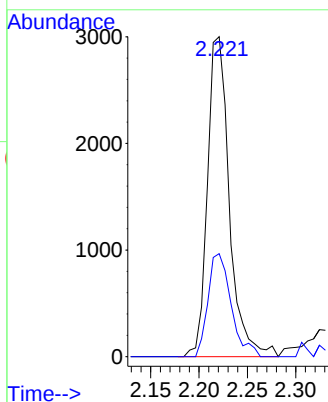
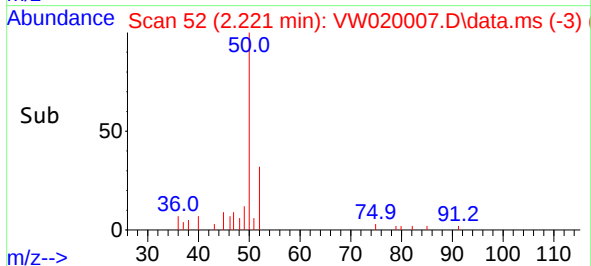
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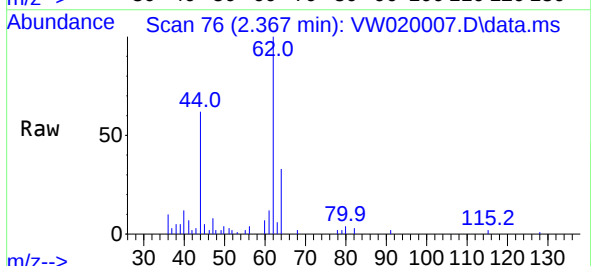
Tgt Ion: 50 Resp: 4730
Ion Ratio Lower Upper
50 100
52 32.2 25.5 38.3

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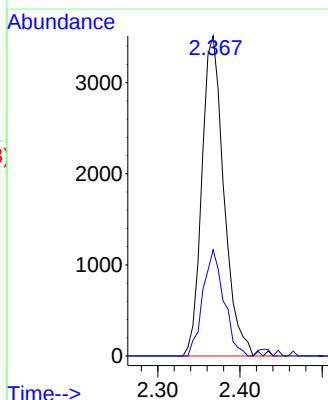
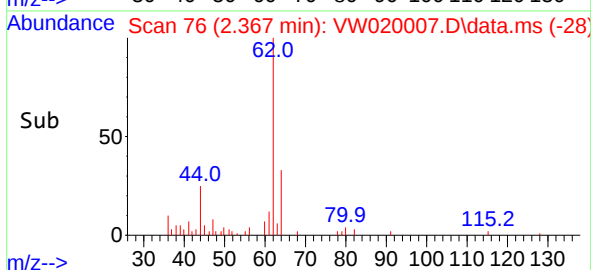
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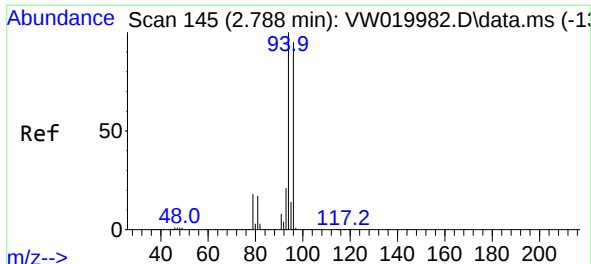


#4
Vinyl Chloride
Concen: 2.474 ug/l
RT: 2.367 min Scan# 76
Delta R.T. -0.006 min
Lab File: VW020007.D
Acq: 09 Sep 2021 17:38

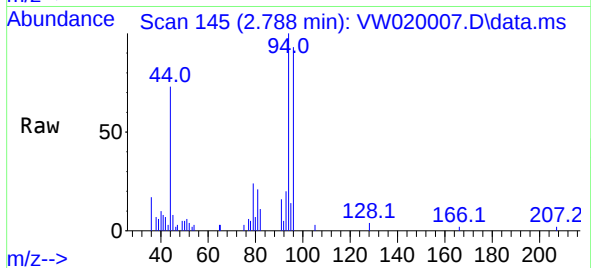


Tgt Ion: 62 Resp: 6573
Ion Ratio Lower Upper
62 100
64 33.1 25.3 37.9

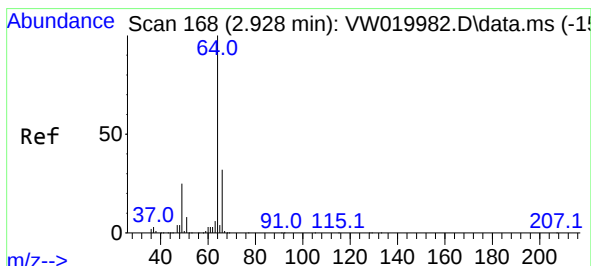
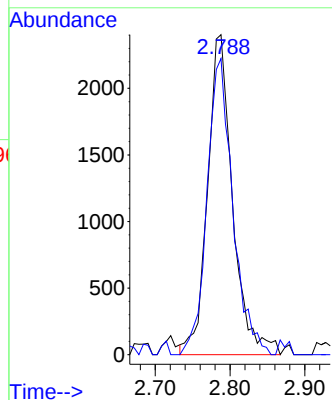
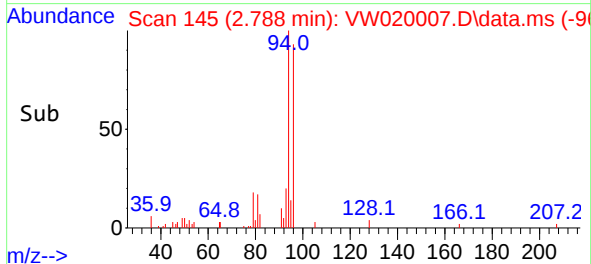




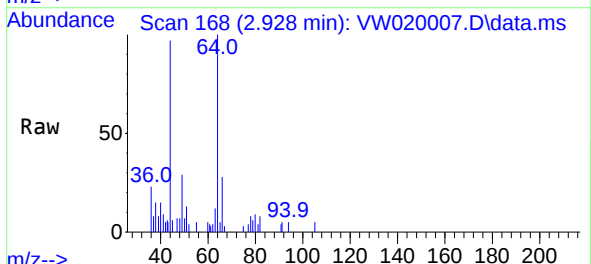
#5
Bromomethane
Concen: 2.600 ug/l
RT: 2.788 min Scan# 145
Delta R.T. 0.000 min
Lab File: VW020007.D
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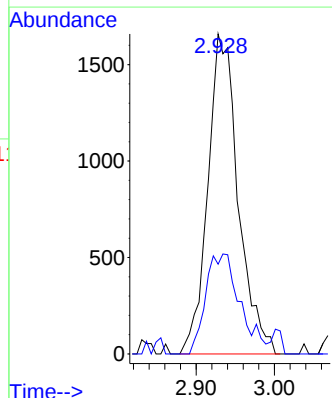
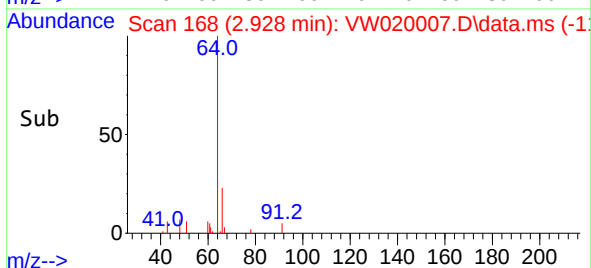
Tgt Ion: 94 Resp: 5600
Ion Ratio Lower Upper
94 100
96 92.6 75.7 113.5



#6
Chloroethane
Concen: 2.441 ug/l
RT: 2.928 min Scan# 168
Delta R.T. 0.000 min
Lab File: VW020007.D
Acq: 09 Sep 2021 17:38



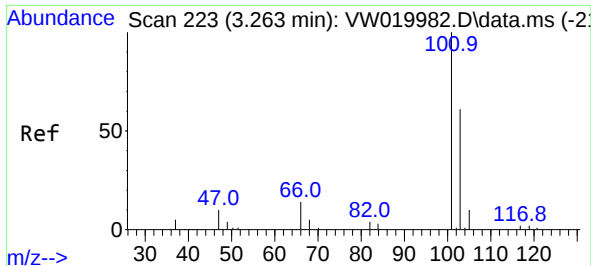
Tgt Ion: 64 Resp: 4467
Ion Ratio Lower Upper
64 100
66 28.0 25.4 38.2



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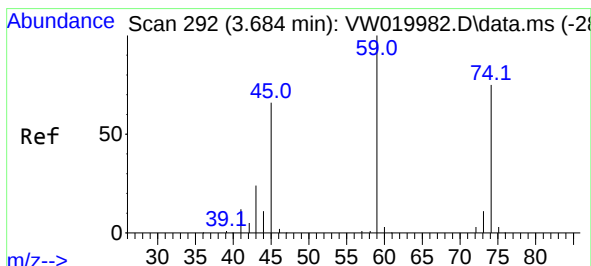
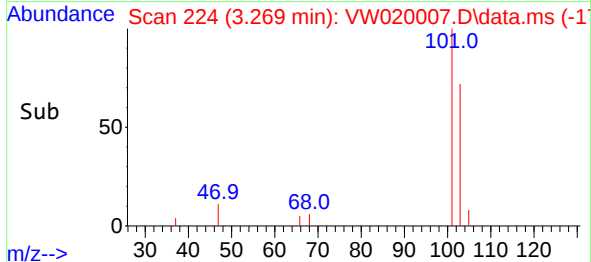
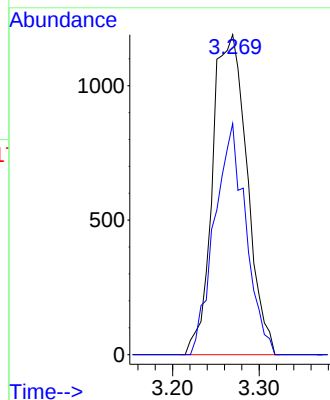
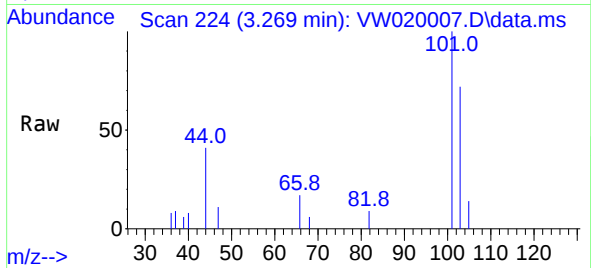
#7
 Trichlorofluoromethane
 Concen: 2.163 ug/l
 RT: 3.269 min Scan# 224
 Delta R.T. 0.006 min
 Lab File: VW020007.D
 Acq: 09 Sep 2021 17:38

Tgt Ion: 101 Resp: 3288
 Ion Ratio Lower Upper
 101 100
 103 72.2 48.8 73.2

Instrument :
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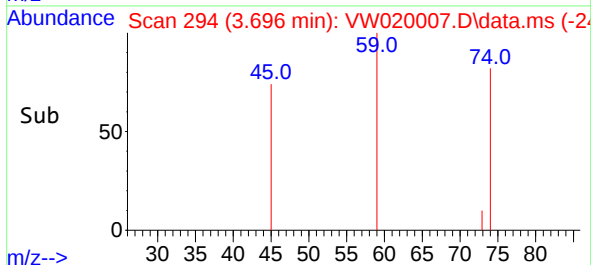
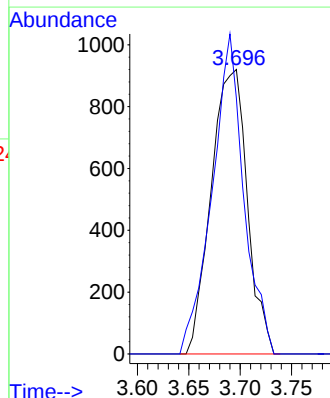
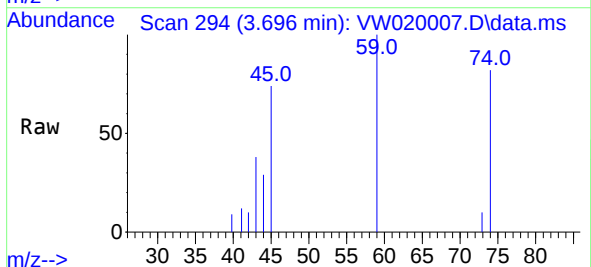
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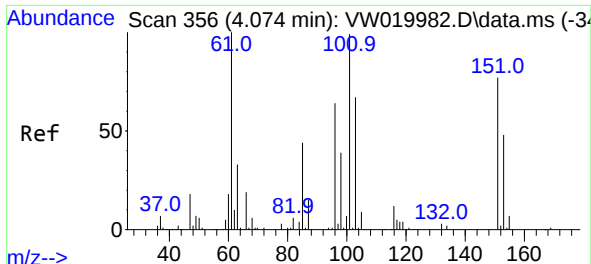
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#8
 Diethyl Ether
 Concen: 2.425 ug/l
 RT: 3.696 min Scan# 294
 Delta R.T. 0.012 min
 Lab File: VW020007.D
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Tgt Ion: 74 Resp: 2257
 Ion Ratio Lower Upper
 74 100
 45 98.4 44.5 133.7





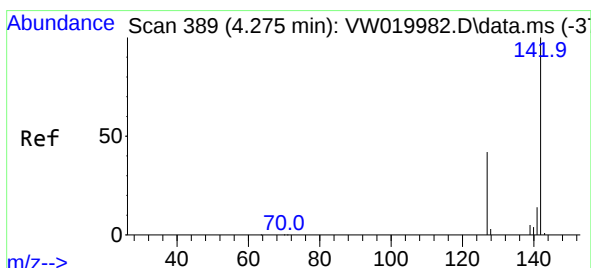
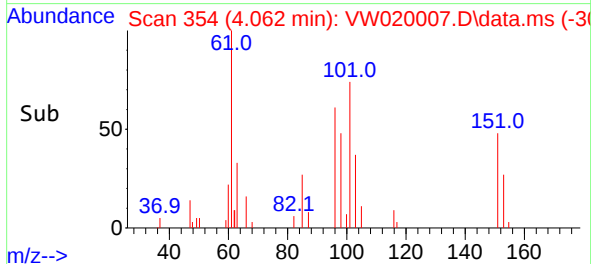
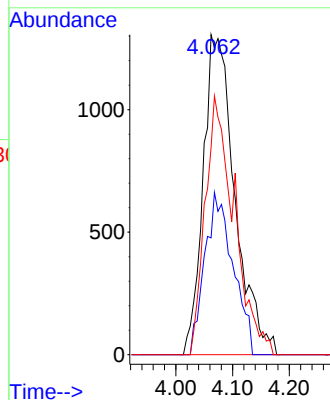
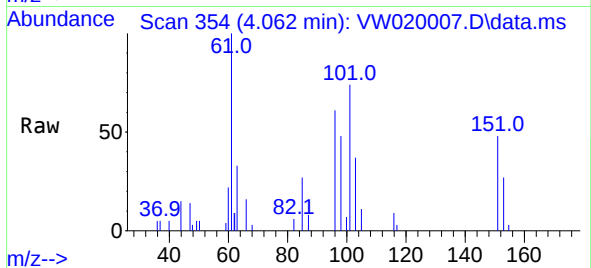
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.558 ug/l
RT: 4.062 min Scan# 354
Delta R.T. -0.012 min
Lab File: VW020007.D
Acq: 09 Sep 2021 17:38

Tgt Ion:101 Resp: 5077
Ion Ratio Lower Upper
101 100
85 45.0 36.6 54.8
151 74.2 59.9 89.9

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT3-2021DL

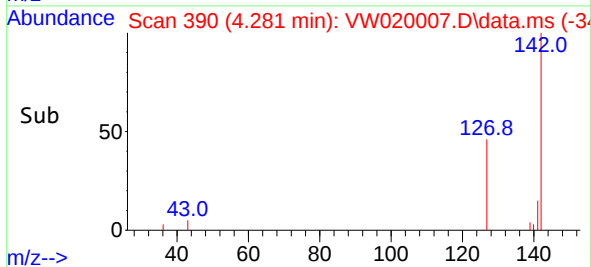
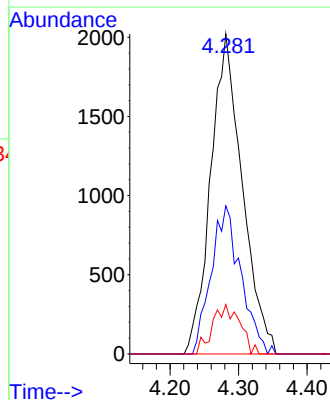
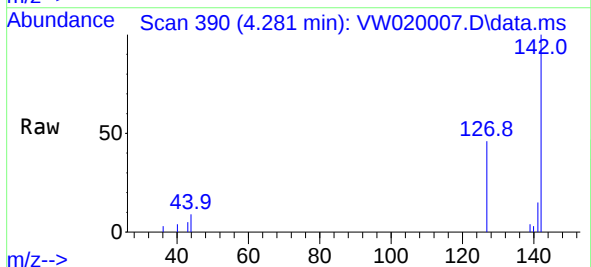
Manual Integrations
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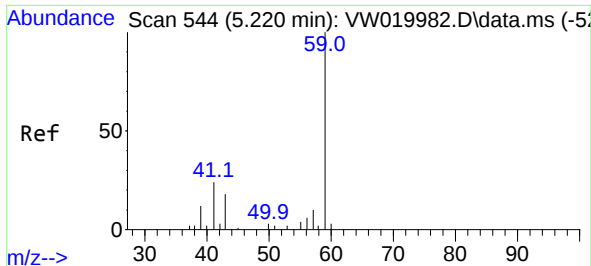
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#10
Methyl Iodide
Concen: 2.374 ug/l
RT: 4.281 min Scan# 390
Delta R.T. 0.006 min
Lab File: VW020007.D
Acq: 09 Sep 2021 17:38

Tgt Ion:142 Resp: 6454
Ion Ratio Lower Upper
142 100
127 43.7 36.4 54.6
141 13.3 11.8 17.8





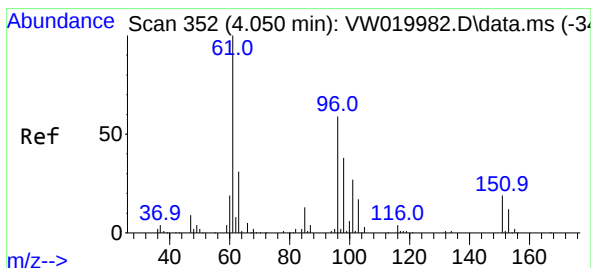
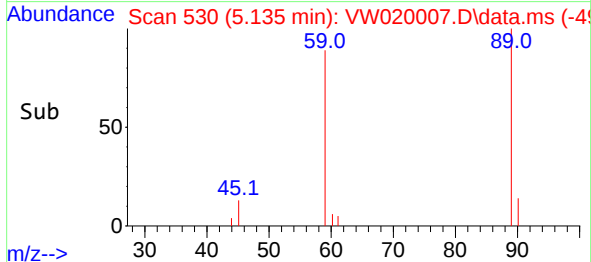
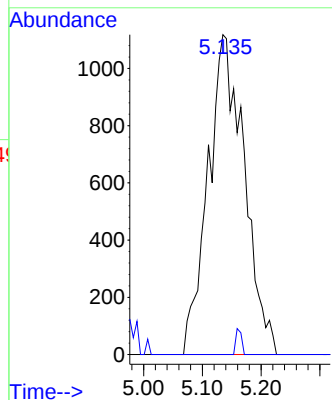
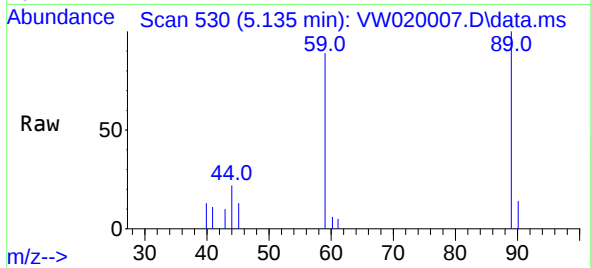
#11
Tert butyl alcohol
Concen: 47.499 ug/l
RT: 5.135 min Scan# 530
Delta R.T. -0.085 min
Lab File: VW020007.D
Acq: 09 Sep 2021 17:38

Tgt Ion: 59 Resp: 4784
Ion Ratio Lower Upper
59 100
57 0.0 8.4 12.6#

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT3-2021DL

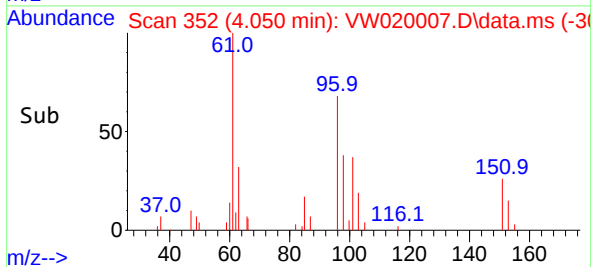
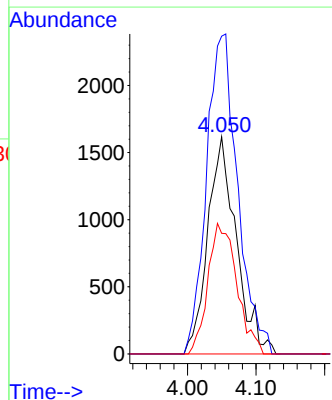
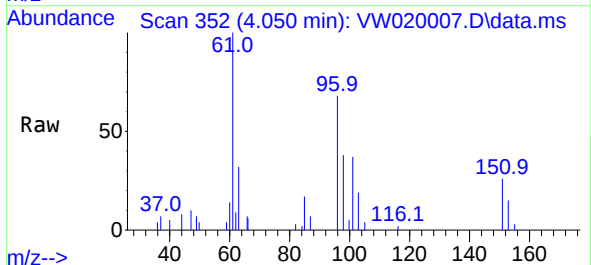
Manual Integrations
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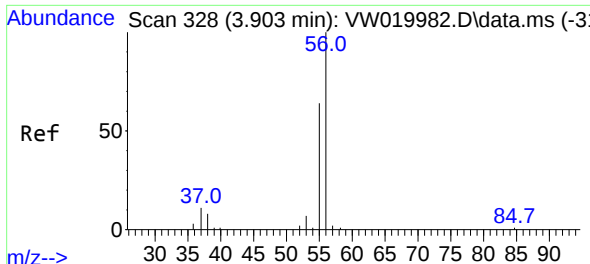
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#12
1,1-Dichloroethene
Concen: 2.501 ug/l
RT: 4.050 min Scan# 352
Delta R.T. 0.000 min
Lab File: VW020007.D
Acq: 09 Sep 2021 17:38

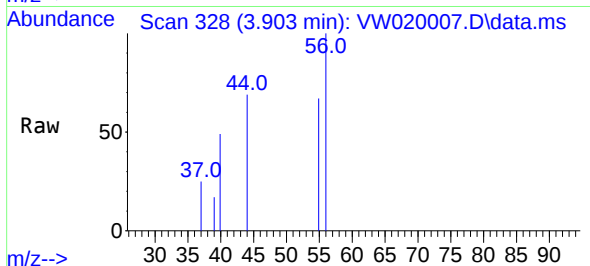
Tgt Ion: 96 Resp: 4677
Ion Ratio Lower Upper
96 100
61 146.4 136.0 204.0
98 55.6 51.5 77.3





#13
Acrolein
Concen: 10.007 ug/l
RT: 3.903 min Scan# 328
Delta R.T. 0.000 min
Lab File: VW020007.D
Acq: 09 Sep 2021 17:38

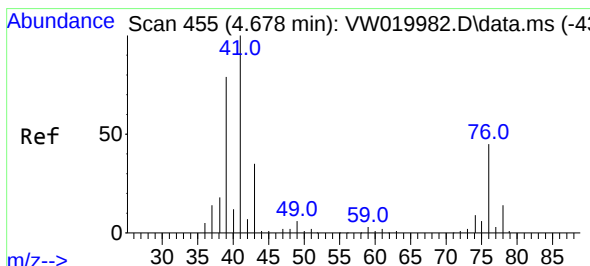
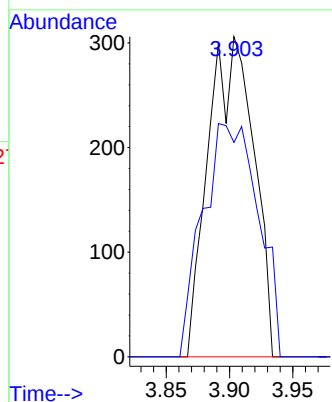
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT3-2021DL



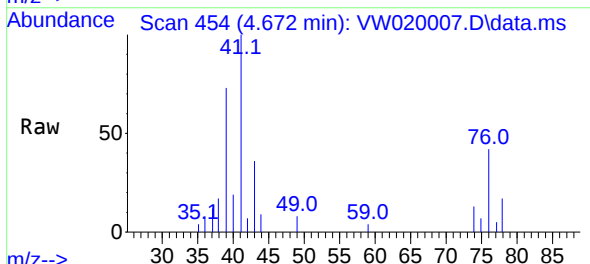
Tgt Ion: 56 Resp: 768
Ion Ratio Lower Upper
56 100
55 88.8 56.2 84.2#

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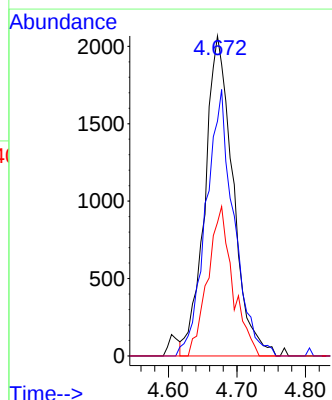
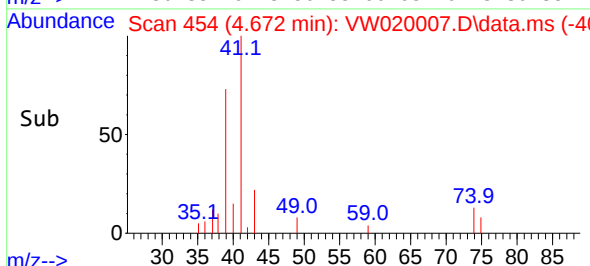
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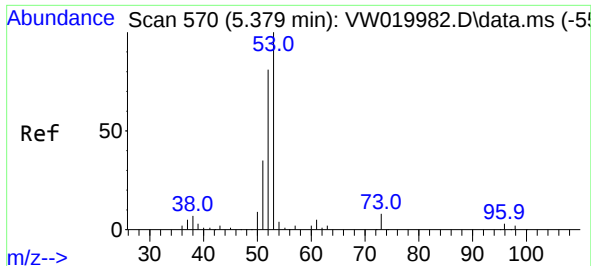


#14
Allyl chloride
Concen: 2.316 ug/l
RT: 4.672 min Scan# 454
Delta R.T. -0.006 min
Lab File: VW020007.D
Acq: 09 Sep 2021 17:38



Tgt Ion: 41 Resp: 5892
Ion Ratio Lower Upper
41 100
39 83.2 62.5 93.7
76 41.5 33.8 50.8





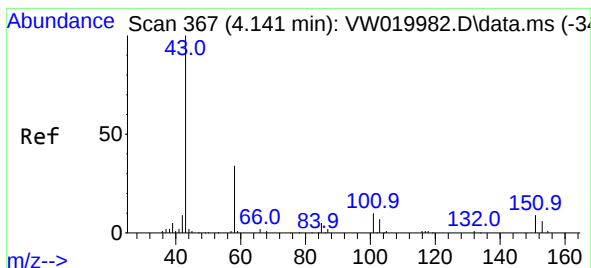
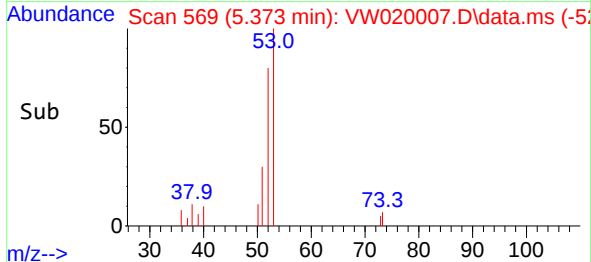
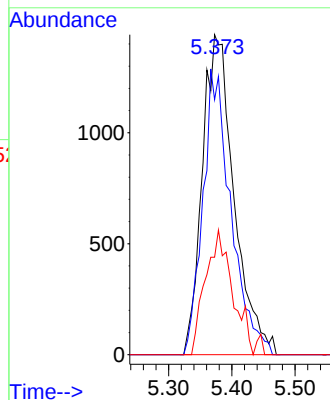
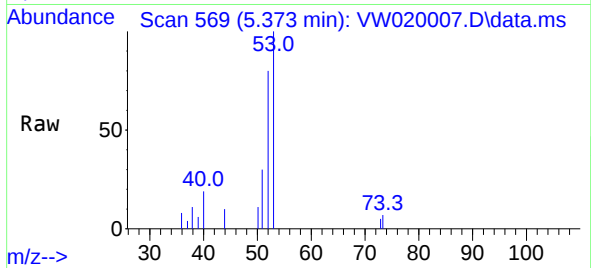
#15
Acrylonitrile
Concen: 12.960 ug/l
RT: 5.373 min Scan# 569
Delta R.T. -0.006 min
Lab File: VW020007.D
Acq: 09 Sep 2021 17:38

Tgt Ion:	53	Resp:	5027
Ion	Ratio	Lower	Upper
53	100		
52	79.3	65.9	98.9
51	33.1	29.8	44.8

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT3-2021DL

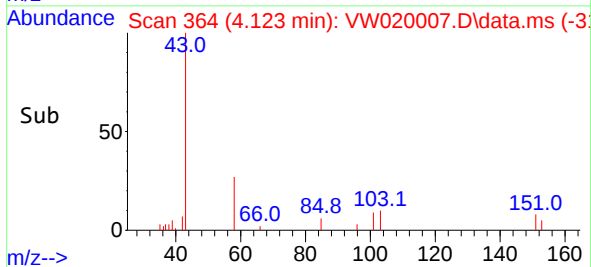
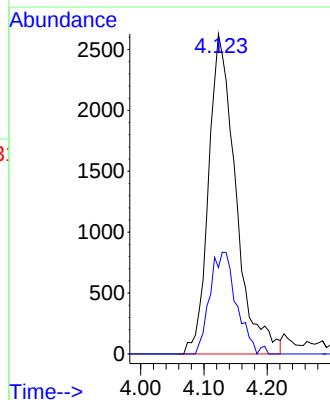
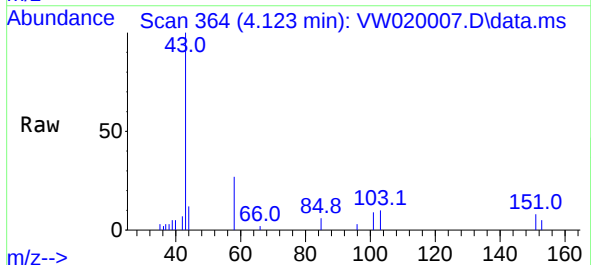
Manual Integrations
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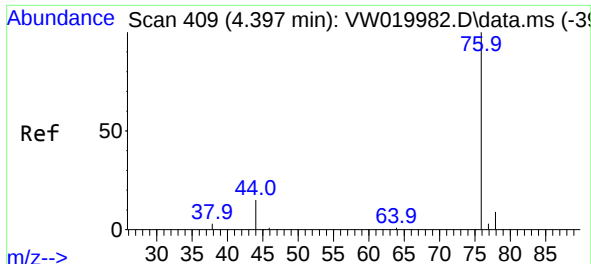
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#16
Acetone
Concen: 23.183 ug/l
RT: 4.123 min Scan# 364
Delta R.T. -0.018 min
Lab File: VW020007.D
Acq: 09 Sep 2021 17:38

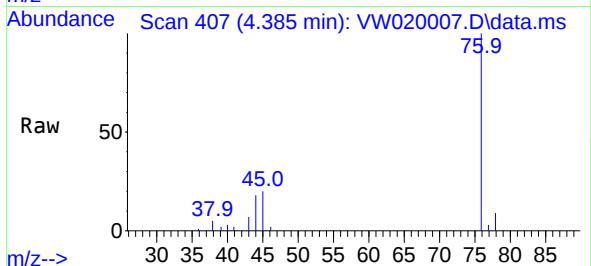
Tgt Ion:	43	Resp:	7835
Ion	Ratio	Lower	Upper
43	100		
58	27.0	27.2	40.8#





#17
Carbon Disulfide
Concen: 2.432 ug/l
RT: 4.385 min Scan# 407
Delta R.T. -0.012 min
Lab File: VW020007.D
Acq: 09 Sep 2021 17:38

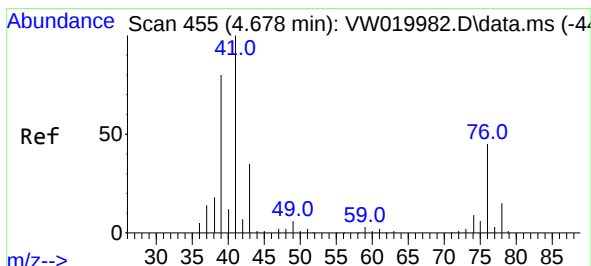
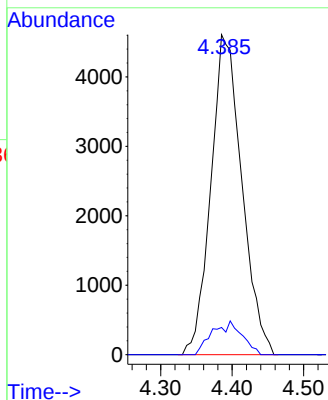
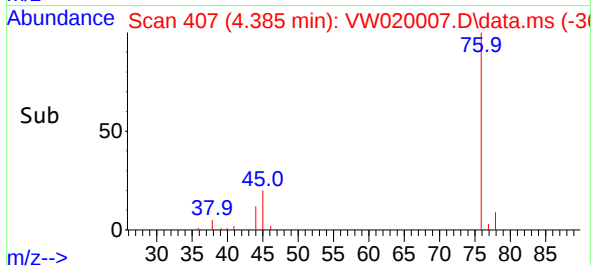
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT3-2021DL



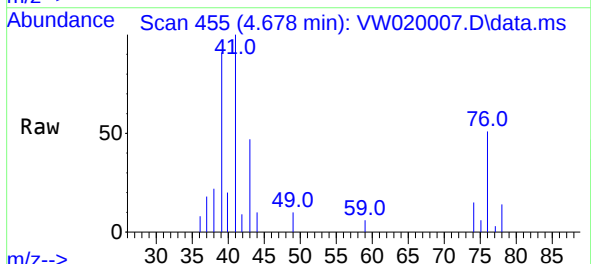
Tgt Ion: 76 Resp: 13844
Ion Ratio Lower Upper
76 100
78 8.5 7.1 10.7

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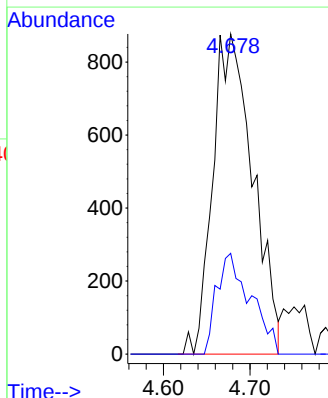
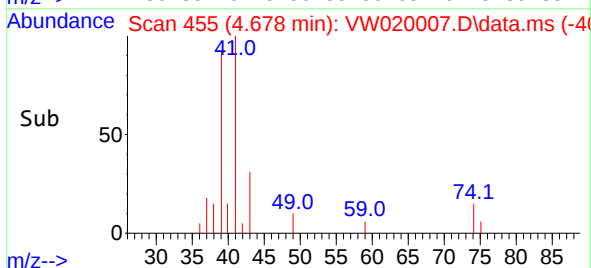
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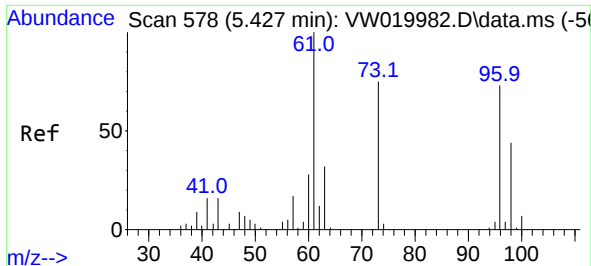


#18
Methyl Acetate
Concen: 2.941 ug/l
RT: 4.678 min Scan# 455
Delta R.T. 0.000 min
Lab File: VW020007.D
Acq: 09 Sep 2021 17:38



Tgt Ion: 43 Resp: 2822
Ion Ratio Lower Upper
43 100
74 26.4 21.0 31.6





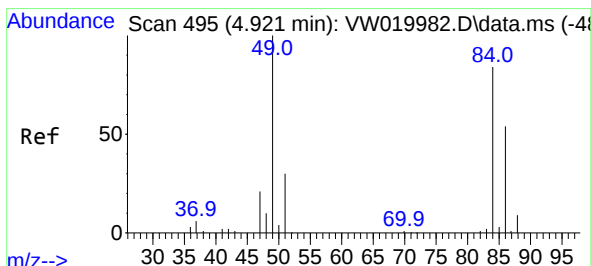
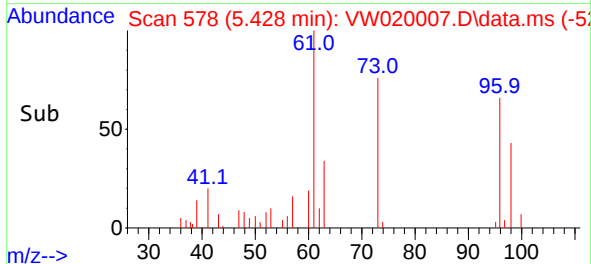
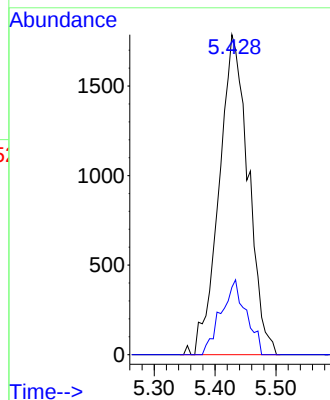
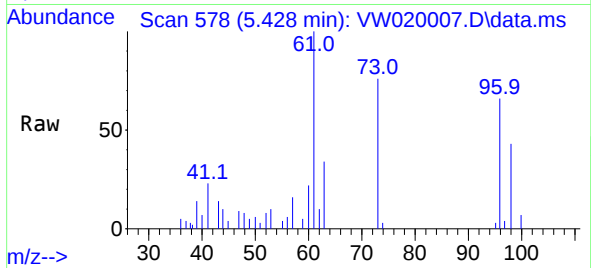
#19
Methyl tert-butyl Ether
Concen: 2.414 ug/l
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW020007.D
Acq: 09 Sep 2021 17:38

Tgt Ion: 73 Resp: 5956
Ion Ratio Lower Upper
73 100
57 21.0 17.7 26.5

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT3-2021DL

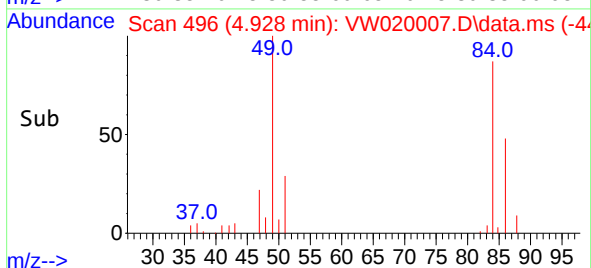
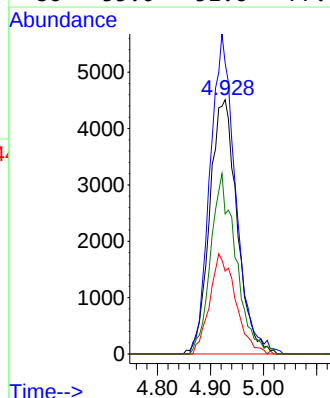
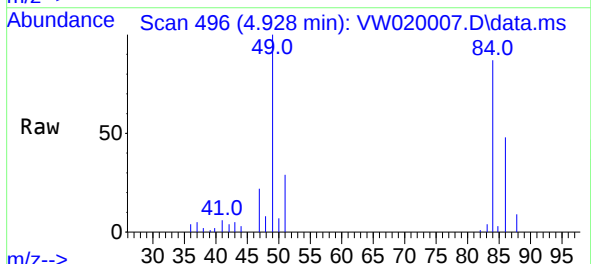
Manual Integrations
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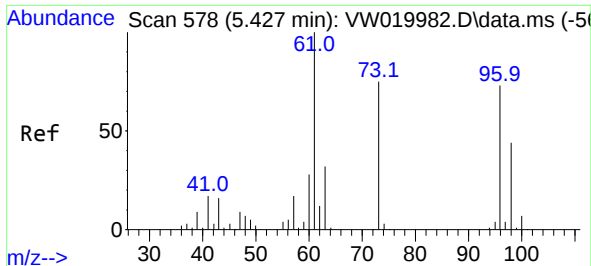
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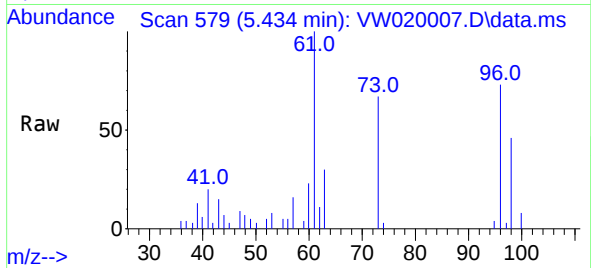
#20
Methylene Chloride
Concen: 6.363 ug/l
RT: 4.928 min Scan# 496
Delta R.T. 0.007 min
Lab File: VW020007.D
Acq: 09 Sep 2021 17:38

Tgt Ion: 84 Resp: 16171
Ion Ratio Lower Upper
84 100
49 114.4 95.4 143.0
51 32.6 28.9 43.3
86 55.0 51.6 77.4



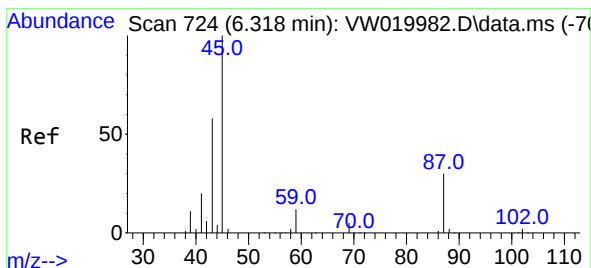
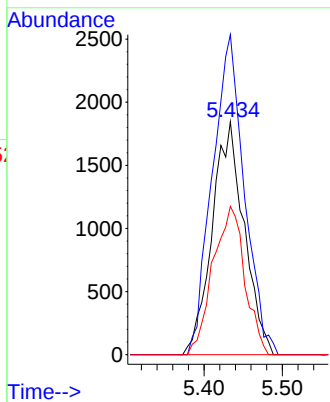
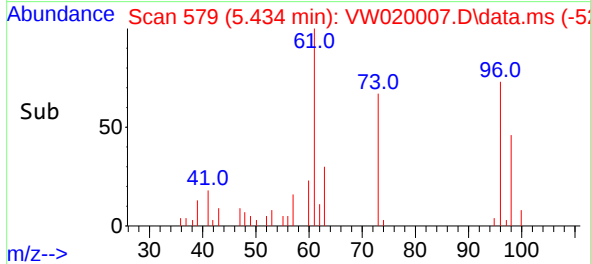


#21
trans-1,2-Dichloroethene
Concen: 2.463 ug/l
RT: 5.434 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW020007.D
Acq: 09 Sep 2021 17:38

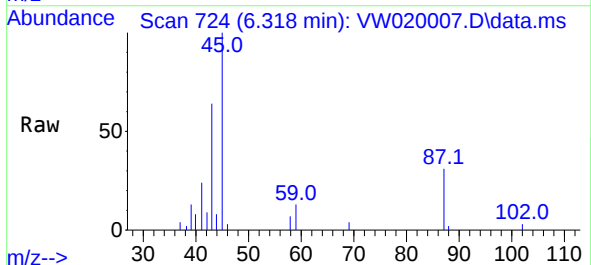


Tgt Ion: 96 Resp: 5233

Ion	Ratio	Lower	Upper
96	100		
61	137.3	109.3	163.9
98	63.7	48.3	72.5

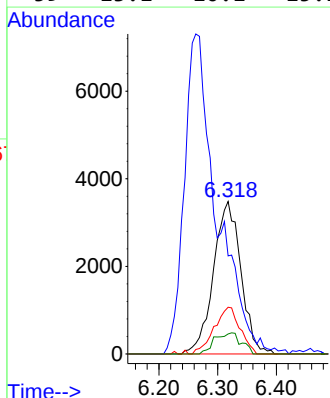
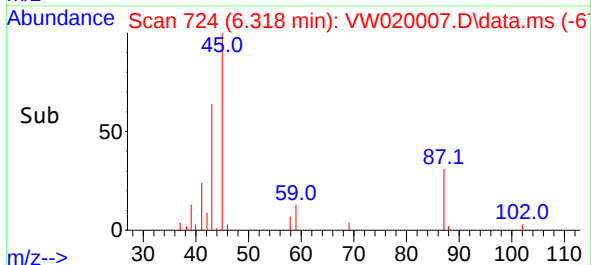


#22
Diisopropyl ether
Concen: 2.092 ug/l
RT: 6.318 min Scan# 724
Delta R.T. 0.000 min
Lab File: VW020007.D
Acq: 09 Sep 2021 17:38



Tgt Ion: 45 Resp: 11274

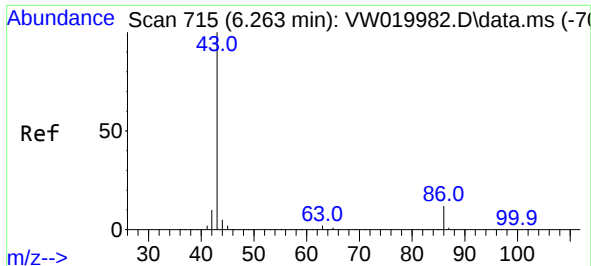
Ion	Ratio	Lower	Upper
45	100		
43	62.3	46.8	70.2
87	30.6	24.3	36.5
59	13.1	10.1	15.1



Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT3-2021DL

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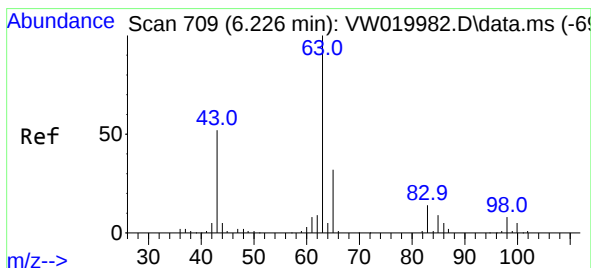
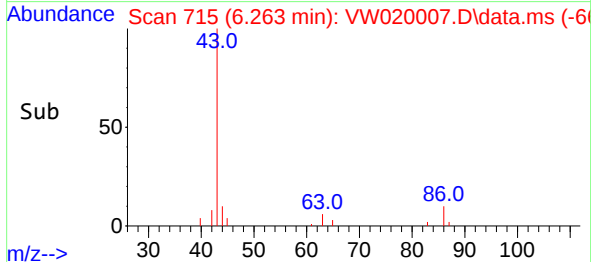
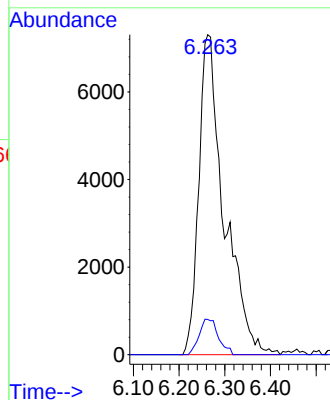
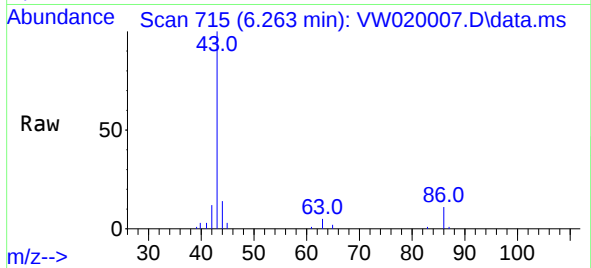
#23
 Vinyl Acetate
 Concen: 9.537 ug/l
 RT: 6.263 min Scan# 715
 Delta R.T. -0.000 min
 Lab File: VW020007.D
 Acq: 09 Sep 2021 17:38

Tgt Ion: 43 Resp: 28044
 Ion Ratio Lower Upper
 43 100
 86 11.0 9.3 13.9

Instrument :
 MSVOA_W
 ClientSampleId :
 MDL-SOIL-03-QT3-2021DL

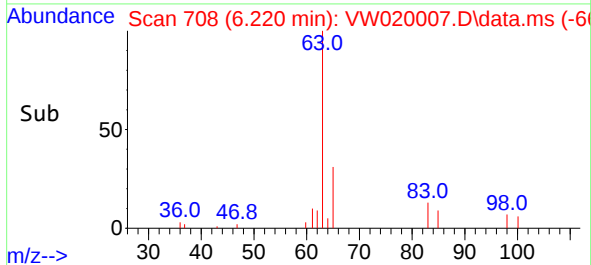
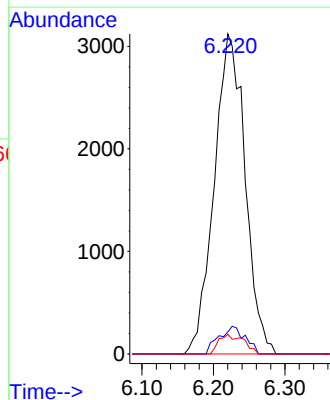
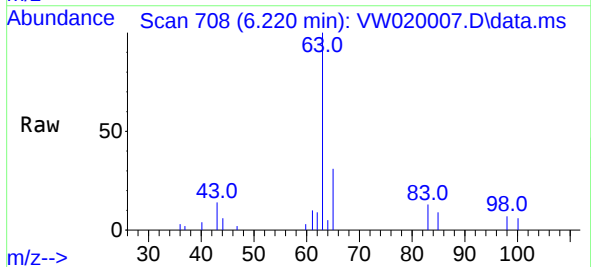
Manual Integrations
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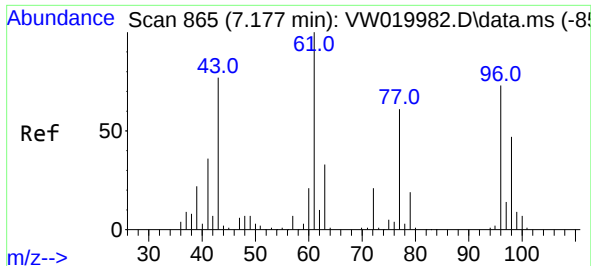
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#24
 1,1-Dichloroethane
 Concen: 2.449 ug/l
 RT: 6.220 min Scan# 708
 Delta R.T. -0.006 min
 Lab File: VW020007.D
 Acq: 09 Sep 2021 17:38

Tgt Ion: 63 Resp: 9349
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.8 11.4
 100 6.1 2.5 7.4





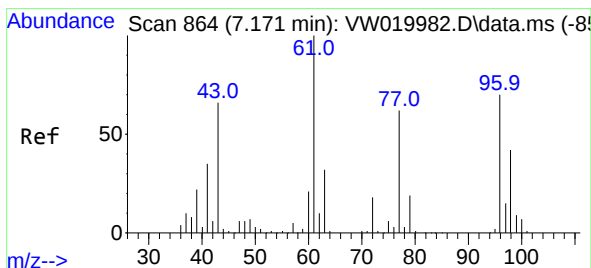
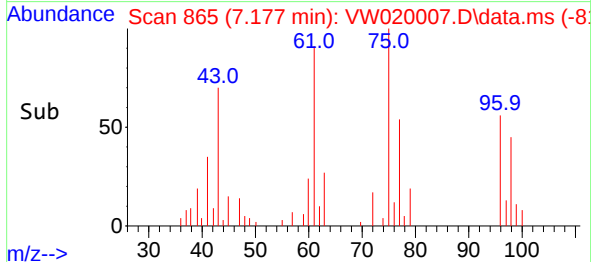
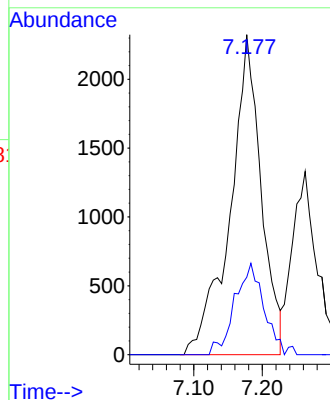
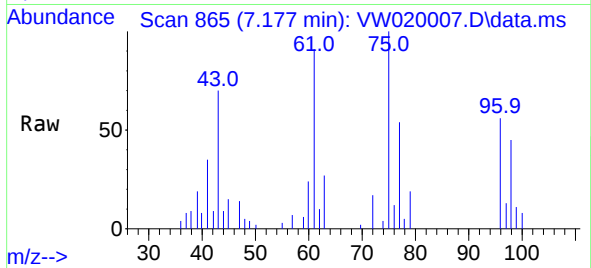
#25
2-Butanone
Concen: 15.105 ug/l
RT: 7.177 min Scan# 865
Delta R.T. 0.000 min
Lab File: VW020007.D
Acq: 09 Sep 2021 17:38

Tgt Ion: 43 Resp: 7319
Ion Ratio Lower Upper
43 100
72 24.2 21.9 32.9

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT3-2021DL

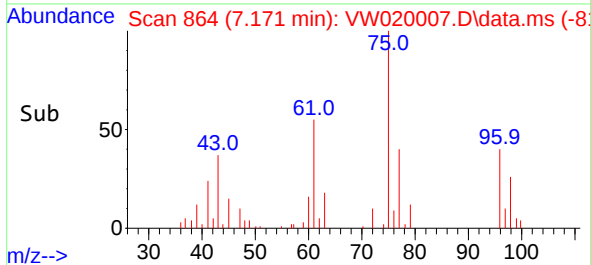
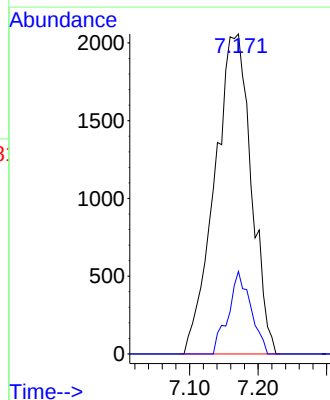
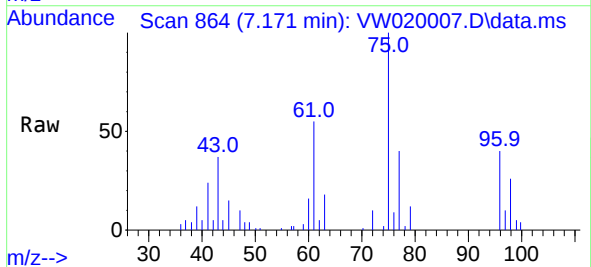
Manual Integrations
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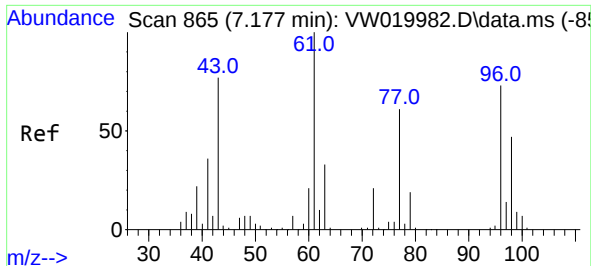
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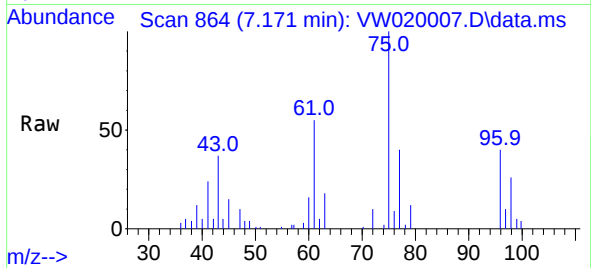
#26
2,2-Dichloropropane
Concen: 3.310 ug/l
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW020007.D
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Tgt Ion: 77 Resp: 7640
Ion Ratio Lower Upper
77 100
97 15.7 11.4 34.1

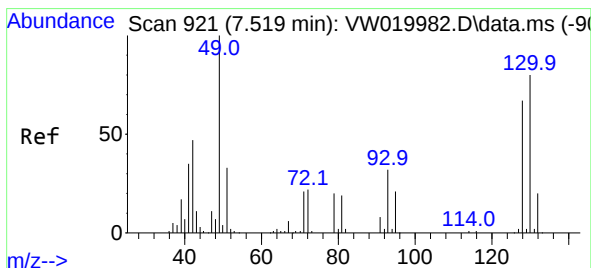
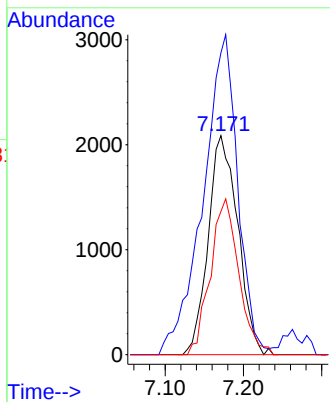
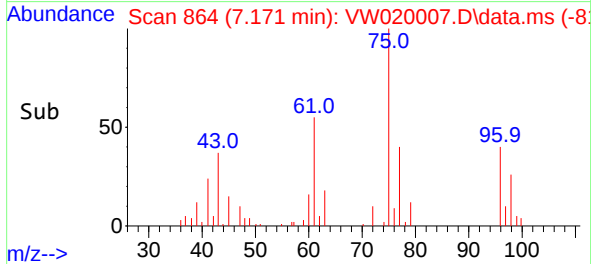




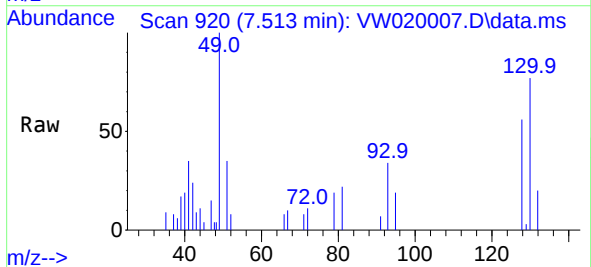
#27
cis-1,2-Dichloroethene
Concen: 2.422 ug/l
RT: 7.171 min Scan# 864
Delta R.T. -0.006 min
Lab File: VW020007.D
Acq: 09 Sep 2021 17:38



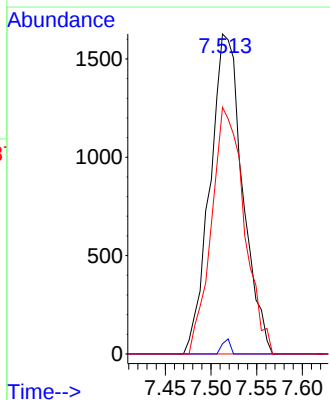
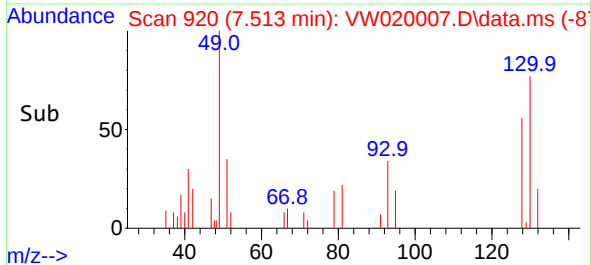
Tgt Ion: 96 Resp: 5495
Ion Ratio Lower Upper
96 100
61 170.7 0.0 282.6
98 68.2 0.0 127.6



#28
Bromochloromethane
Concen: 2.665 ug/l
RT: 7.513 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW020007.D
Acq: 09 Sep 2021 17:38



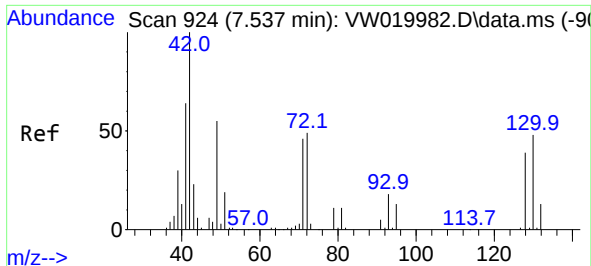
Tgt Ion: 49 Resp: 4037
Ion Ratio Lower Upper
49 100
129 1.2 0.0 3.2
130 77.6 62.6 93.8



Instrument :
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ClientSampleId :
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#29

Tetrahydrofuran

Concen: 11.408 ug/l

RT: 7.531 min Scan# 923

Delta R.T. -0.006 min

Lab File: VW020007.D

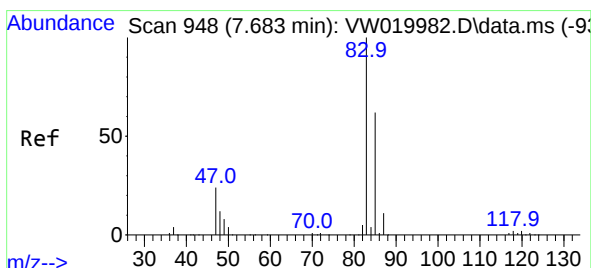
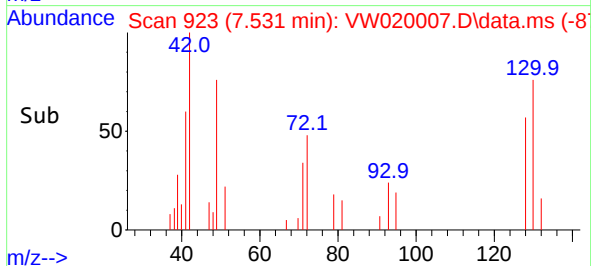
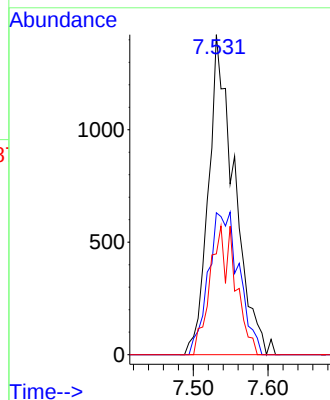
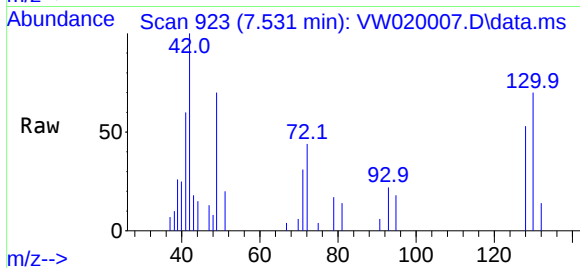
Acq: 09 Sep 2021 17:38

Tgt Ion:	42	Resp:	3439
Ion	Ratio	Lower	Upper
42	100		
72	52.5	38.4	57.6
71	39.2	35.4	53.2

Instrument :
MSVOA_W
ClientSampleId :
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#30

Chloroform

Concen: 2.496 ug/l

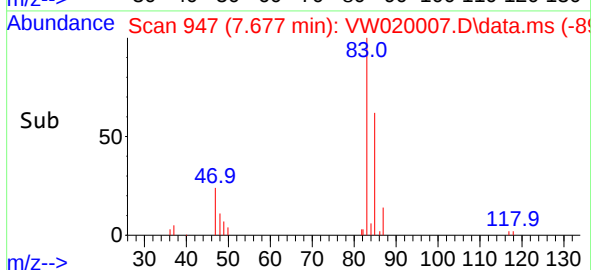
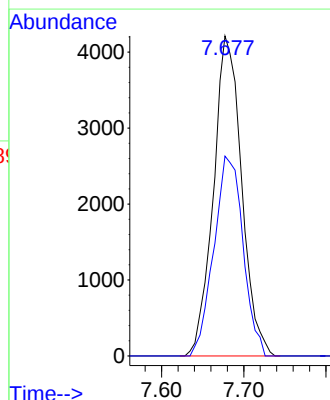
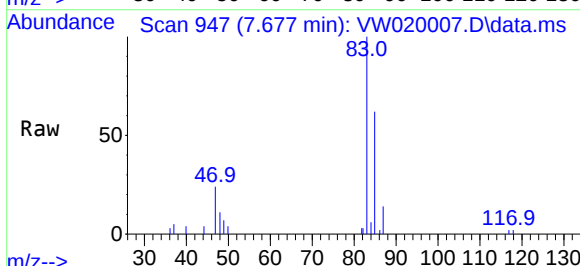
RT: 7.677 min Scan# 947

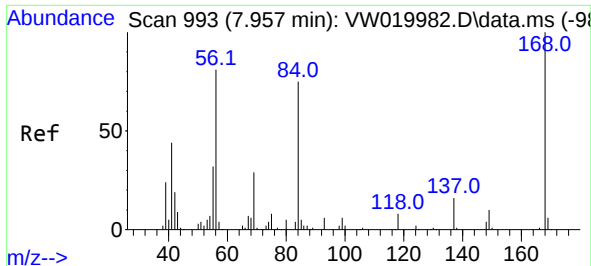
Delta R.T. -0.006 min

Lab File: VW020007.D

Acq: 09 Sep 2021 17:38

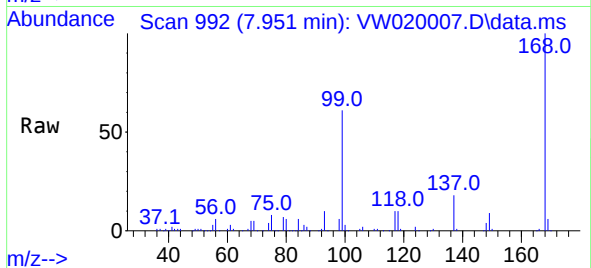
Tgt Ion:	83	Resp:	10039
Ion	Ratio	Lower	Upper
83	100		
85	62.5	49.8	74.8





#31
Cyclohexane
Concen: 3.435 ug/l
RT: 7.951 min Scan# 992
Delta R.T. -0.006 min
Lab File: VW020007.D
Acq: 09 Sep 2021 17:38

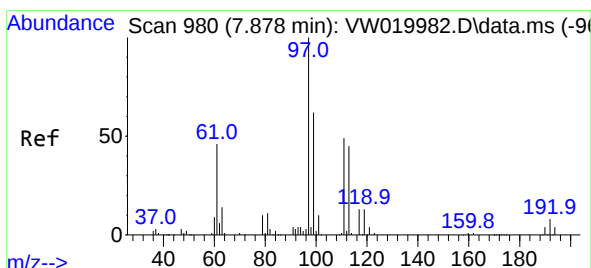
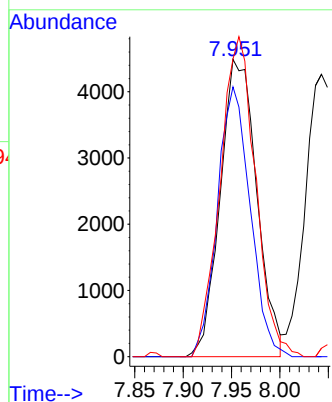
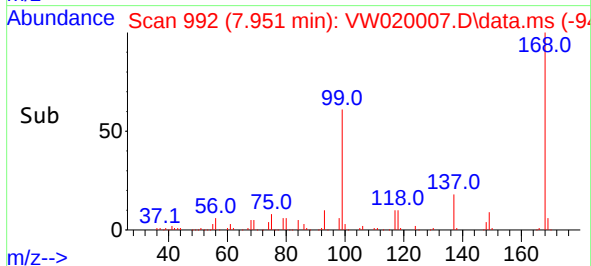
Instrument :
MSVOA_W
ClientSampleId :
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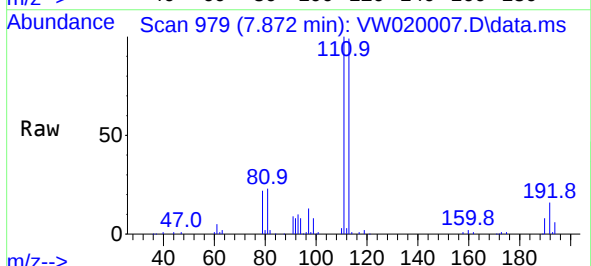
Tgt Ion: 56 Resp: 11784
Ion Ratio Lower Upper
56 100
69 90.7 28.6 42.8#
84 100.1 74.5 111.7

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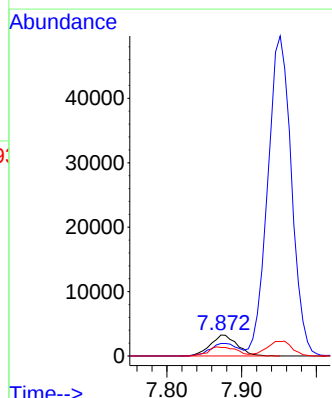
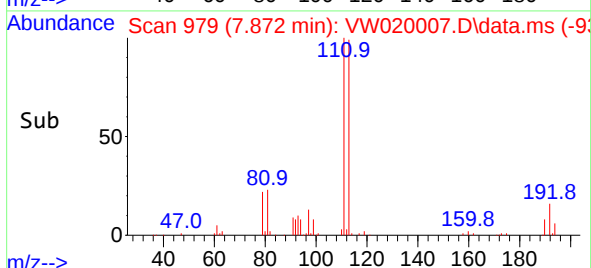
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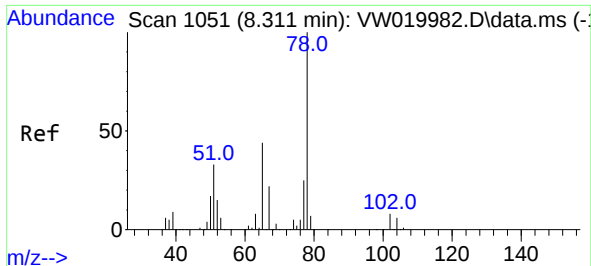


#32
1,1,1-Trichloroethane
Concen: 2.476 ug/l
RT: 7.872 min Scan# 979
Delta R.T. -0.006 min
Lab File: VW020007.D
Acq: 09 Sep 2021 17:38



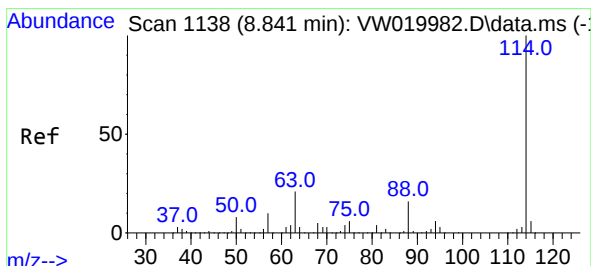
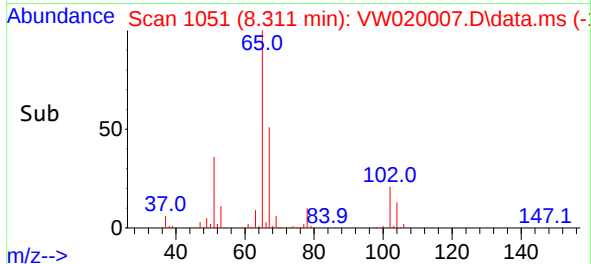
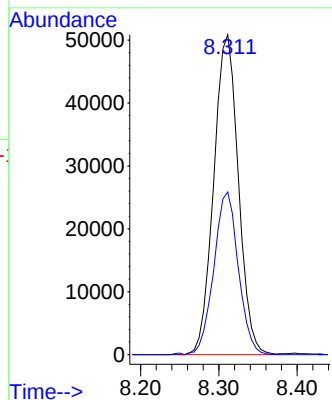
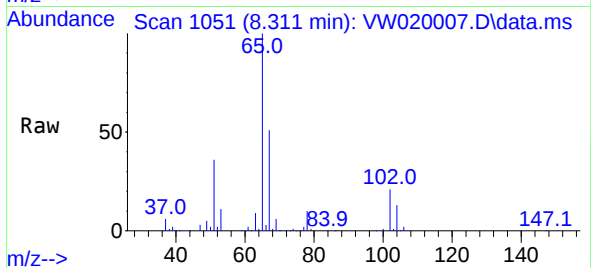
Tgt Ion: 97 Resp: 8057
Ion Ratio Lower Upper
97 100
99 62.0 50.9 76.3
61 45.5 36.1 54.1





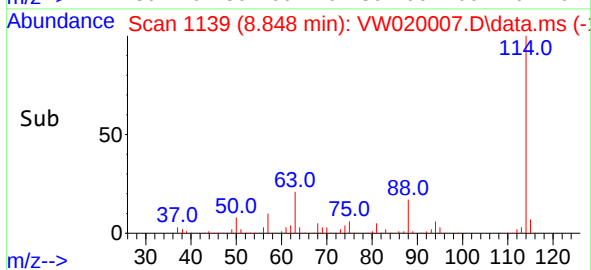
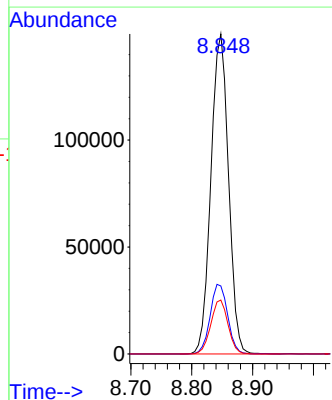
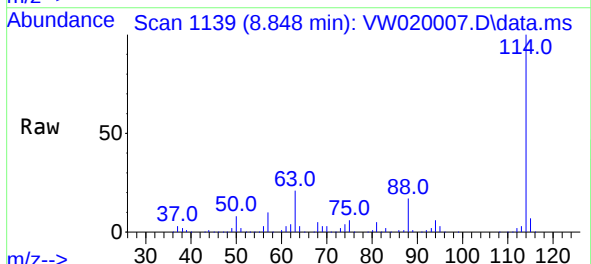
#33
1,2-Dichloroethane-d4
Concen: 52.836 ug/l
RT: 8.311 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VW020007.D
Acq: 09 Sep 2021 17:38

Tgt Ion: 65 Resp: 111177
Ion Ratio Lower Upper
65 100
67 50.7 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.848 min Scan# 1139
Delta R.T. 0.007 min
Lab File: VW020007.D
Acq: 09 Sep 2021 17:38

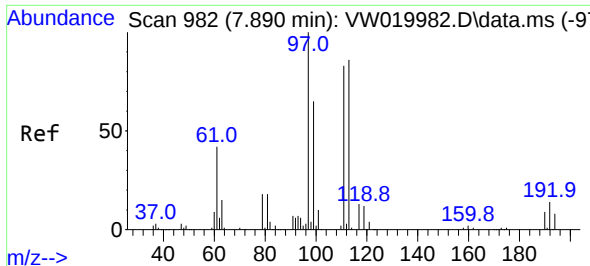
Tgt Ion: 114 Resp: 300015
Ion Ratio Lower Upper
114 100
63 21.2 0.0 41.6
88 16.9 0.0 31.8



Instrument :
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ClientSampleId :
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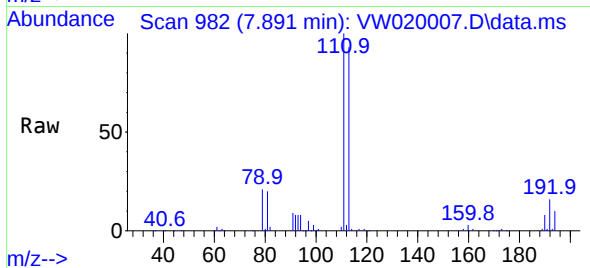
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#35
Dibromofluoromethane
Concen: 51.645 ug/l
RT: 7.891 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW020007.D
Acq: 09 Sep 2021 17:38

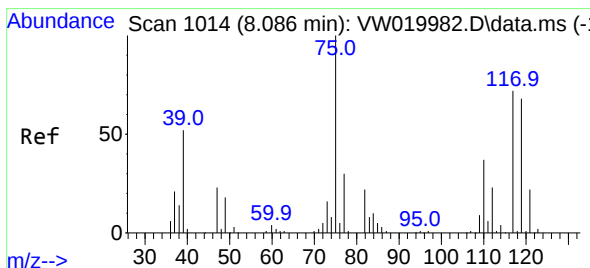
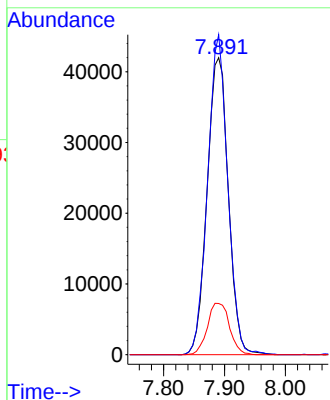
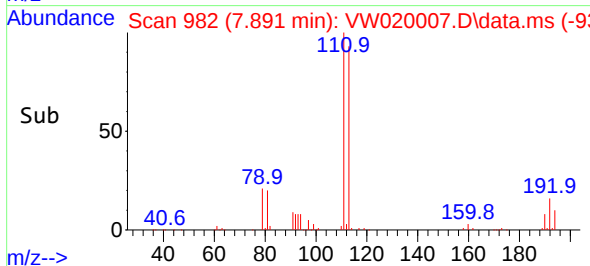
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT3-2021DL



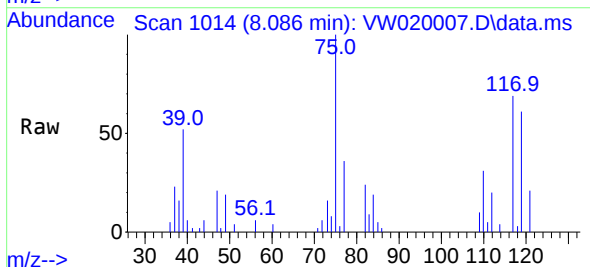
Tgt Ion: 113 Resp: 101752
Ion Ratio Lower Upper
113 100
111 102.2 81.6 122.4
192 18.0 14.6 22.0

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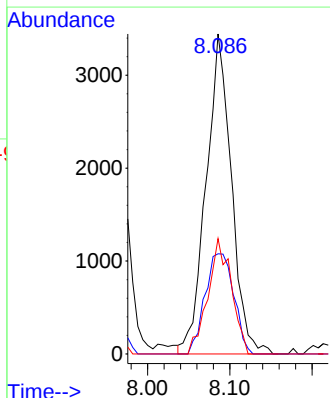
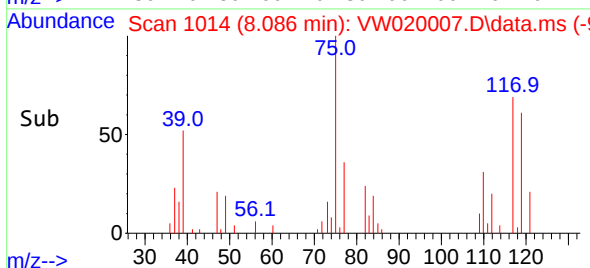
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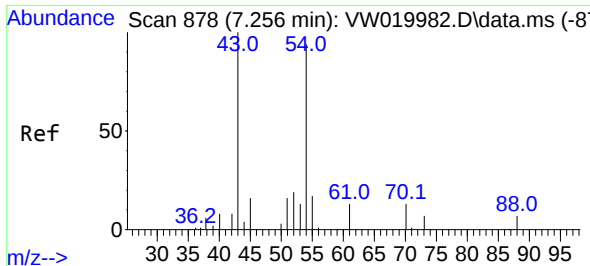


#36
1,1-Dichloropropene
Concen: 2.342 ug/l
RT: 8.086 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW020007.D
Acq: 09 Sep 2021 17:38



Tgt Ion: 75 Resp: 7391
Ion Ratio Lower Upper
75 100
110 35.4 17.4 52.3
77 33.4 24.8 37.2





#37

Ethyl Acetate

Concen: 2.971 ug/l

RT: 7.263 min Scan# 879

Delta R.T. 0.006 min

Lab File: VW020007.D

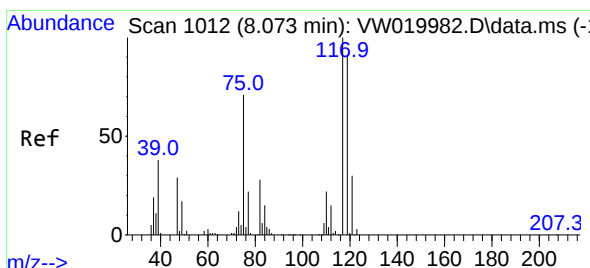
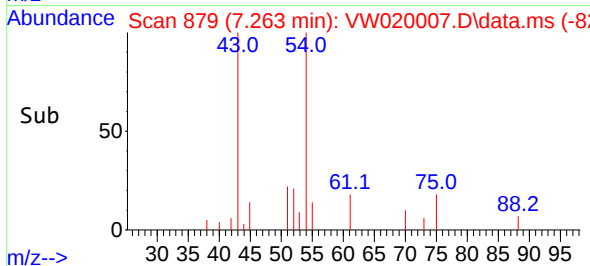
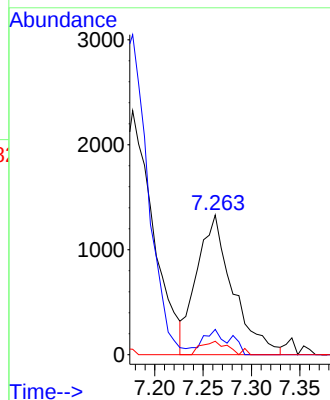
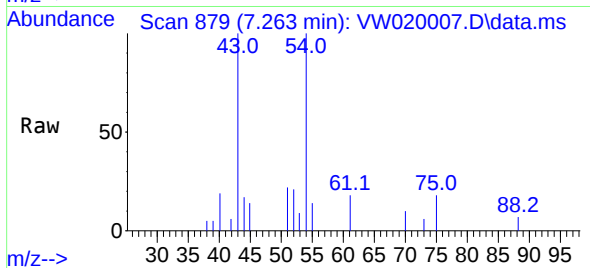
Acq: 09 Sep 2021 17:38

Tgt Ion:	43	Resp:	3447
Ion	Ratio	Lower	Upper
43	100		
61	13.8	11.7	17.5
70	6.6	9.3	13.9#

Instrument :
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#38

Carbon Tetrachloride

Concen: 2.303 ug/l

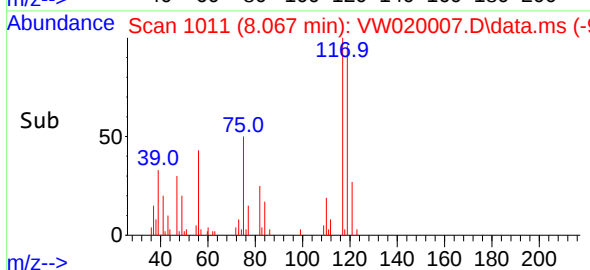
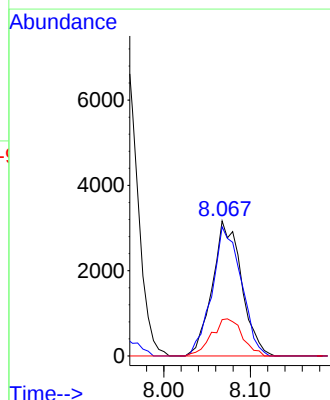
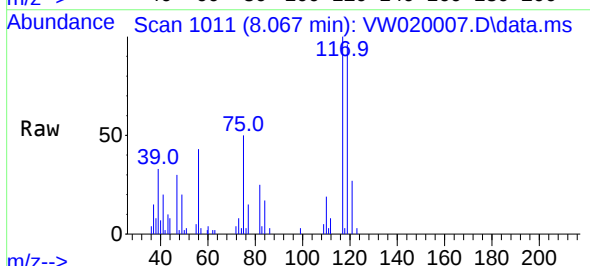
RT: 8.067 min Scan# 1011

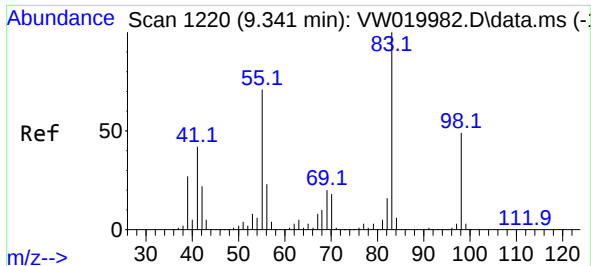
Delta R.T. -0.006 min

Lab File: VW020007.D

Acq: 09 Sep 2021 17:38

Tgt Ion:	117	Resp:	7412
Ion	Ratio	Lower	Upper
117	100		
119	95.6	73.0	109.4
121	26.9	23.9	35.9





#39

Methylcyclohexane

Concen: 2.262 ug/l

RT: 9.341 min Scan# 1220

Delta R.T. 0.000 min

Lab File: VW020007.D

Acq: 09 Sep 2021 17:38

Tgt Ion:	83	Resp:	8274
Ion	Ratio	Lower	Upper
83	100		
55	68.3	56.9	85.3
98	49.5	39.0	58.4

Instrument :

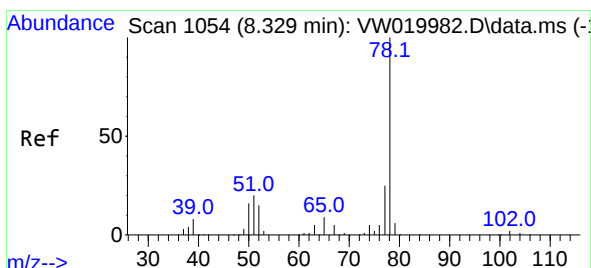
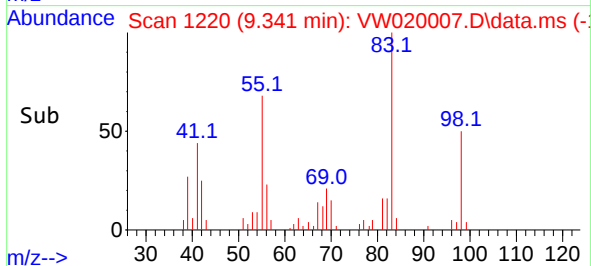
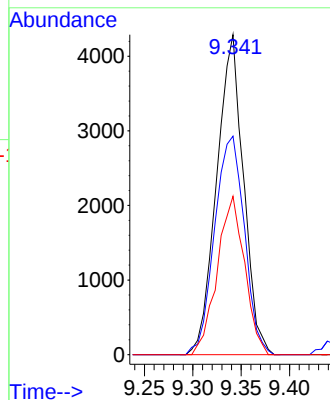
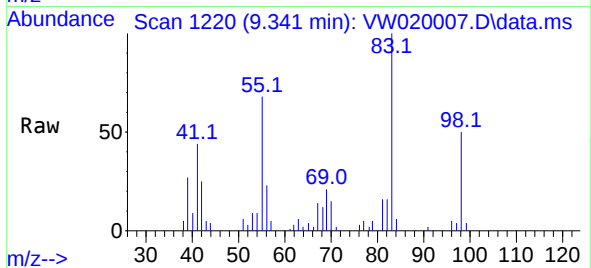
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#40

Benzene

Concen: 2.519 ug/l

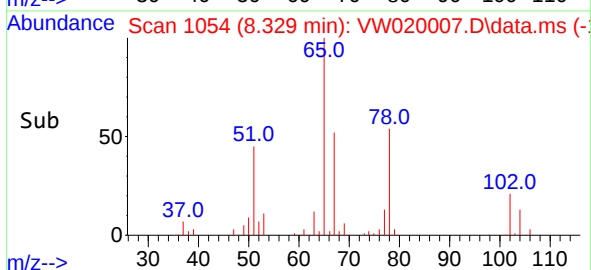
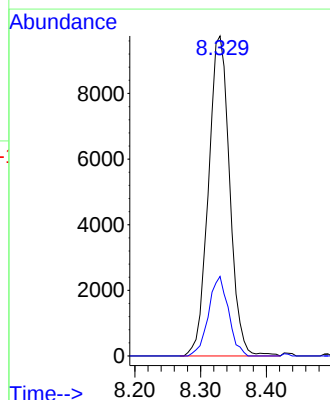
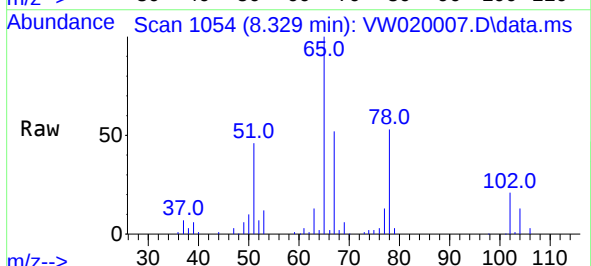
RT: 8.329 min Scan# 1054

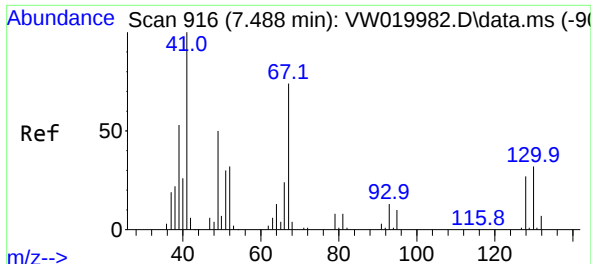
Delta R.T. 0.000 min

Lab File: VW020007.D

Acq: 09 Sep 2021 17:38

Tgt Ion:	78	Resp:	21897
Ion	Ratio	Lower	Upper
78	100		
77	24.8	19.7	29.5





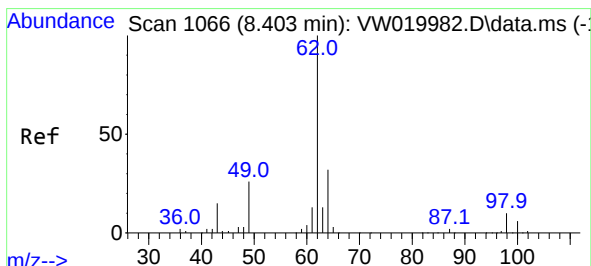
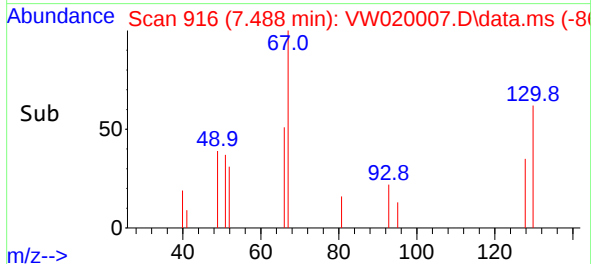
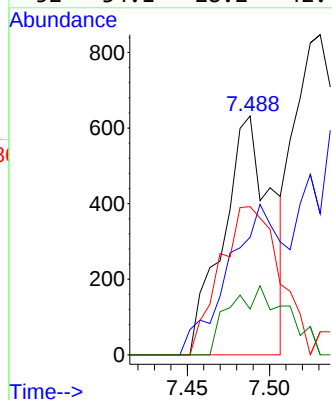
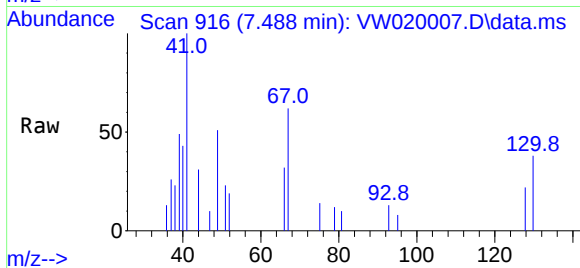
#41
Methacrylonitrile
Concen: 2.008 ug/l
RT: 7.488 min Scan# 916
Delta R.T. 0.000 min
Lab File: VW020007.D
Acq: 09 Sep 2021 17:38

Tgt Ion:	41	Resp:	1290
Ion	Ratio	Lower	Upper
41	100		
39	73.2	45.2	67.8#
67	76.3	65.3	97.9
52	34.1	28.2	42.4

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT3-2021DL

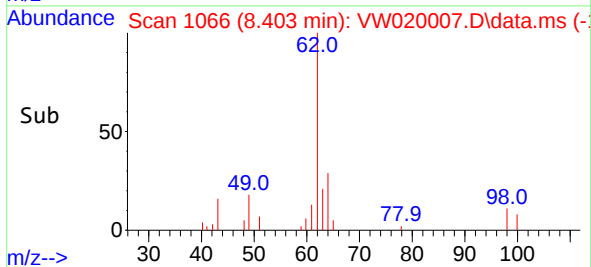
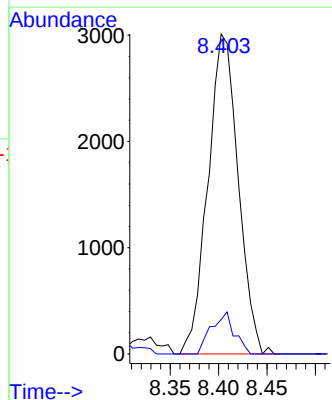
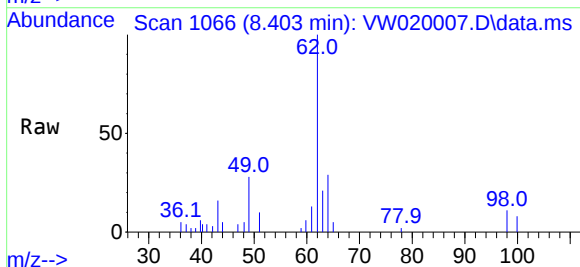
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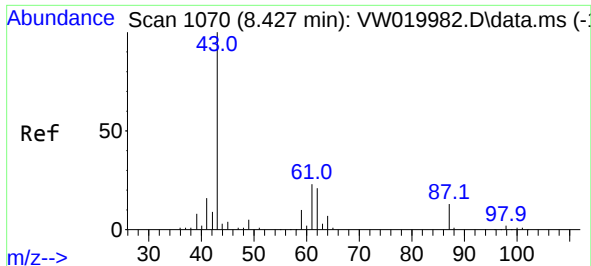
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#42
1,2-Dichloroethane
Concen: 2.459 ug/l
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW020007.D
Acq: 09 Sep 2021 17:38

Tgt Ion:	62	Resp:	6563
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	18.6





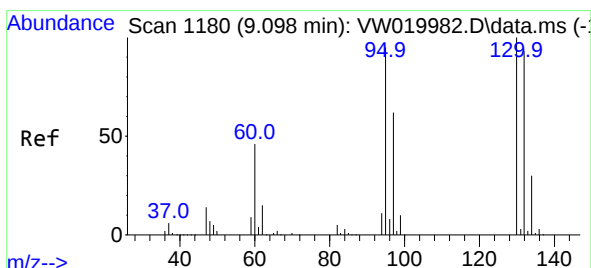
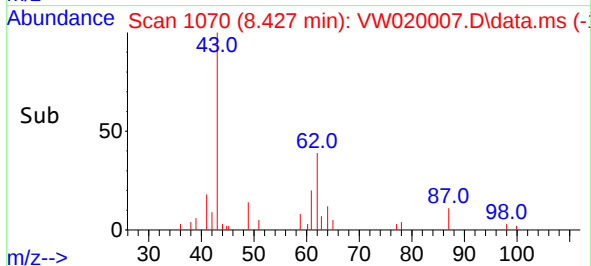
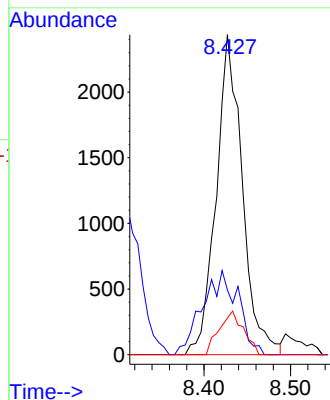
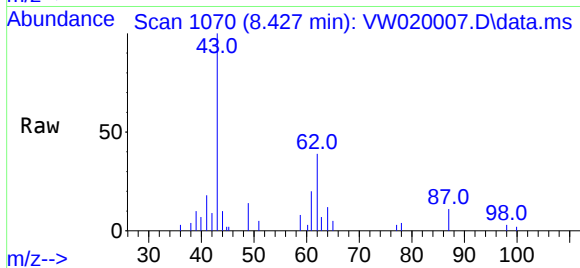
#43
Isopropyl Acetate
Concen: 2.323 ug/l
RT: 8.427 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW020007.D
Acq: 09 Sep 2021 17:38

Tgt Ion:	43	Resp:	5116
Ion	Ratio	Lower	Upper
43	100		
61	35.7	26.6	39.8
87	12.7	11.0	16.6

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT3-2021DL

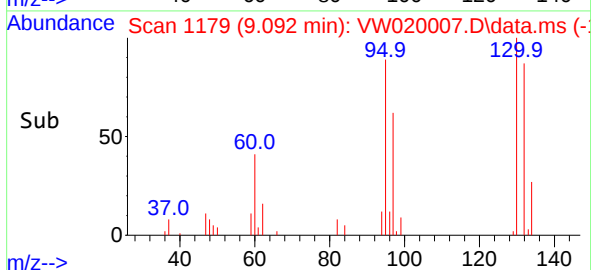
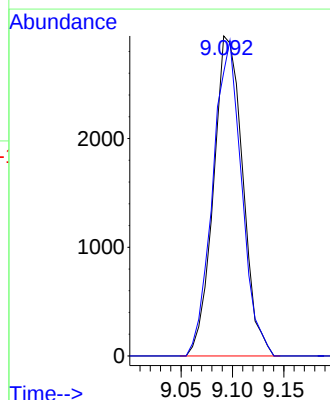
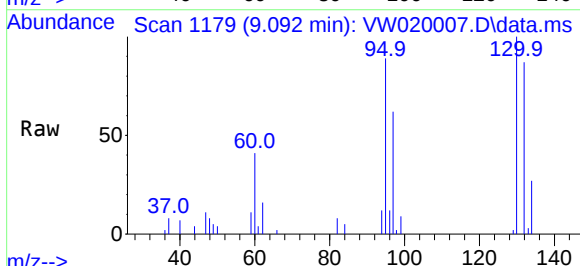
Manual Integrations
APPROVED

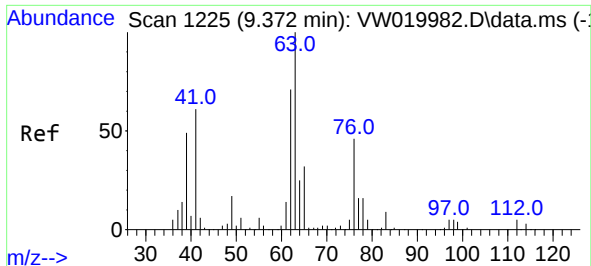
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#44
Trichloroethene
Concen: 2.555 ug/l
RT: 9.092 min Scan# 1179
Delta R.T. -0.006 min
Lab File: VW020007.D
Acq: 09 Sep 2021 17:38

Tgt Ion:	130	Resp:	5828
Ion	Ratio	Lower	Upper
130	100		
95	88.7	0.0	190.0





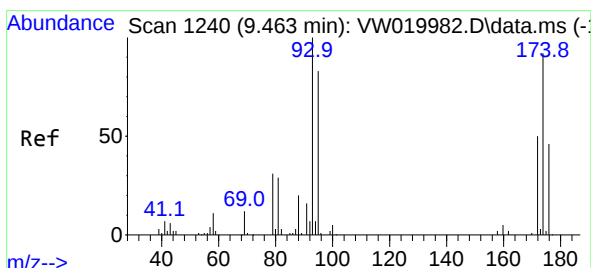
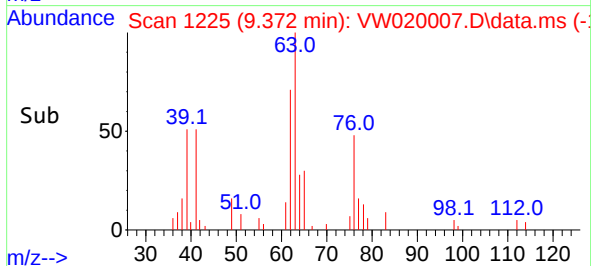
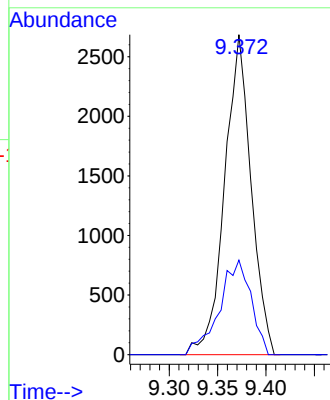
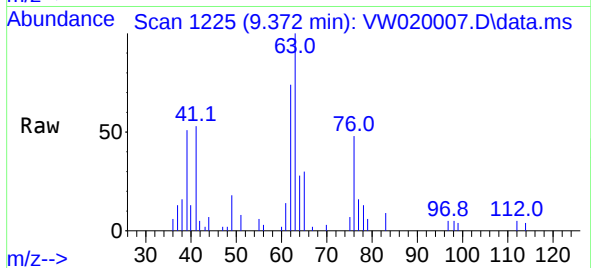
#45
1,2-Dichloropropane
Concen: 2.417 ug/l
RT: 9.372 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VW020007.D
Acq: 09 Sep 2021 17:38

Tgt Ion: 63 Resp: 5109
Ion Ratio Lower Upper
63 100
65 29.5 25.5 38.3

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT3-2021DL

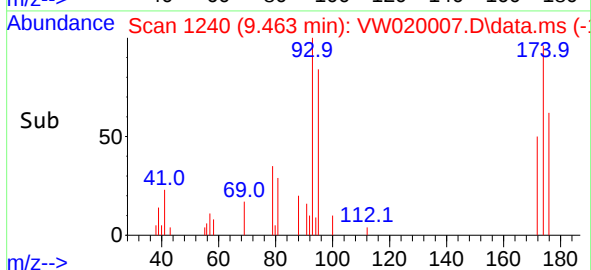
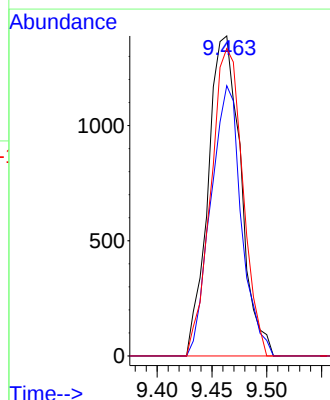
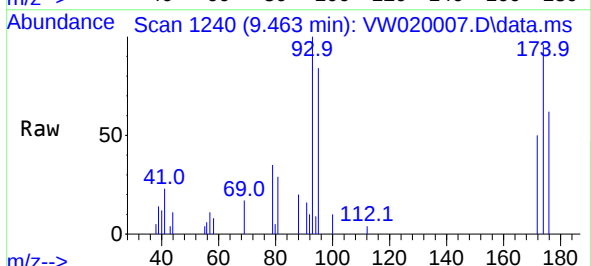
Manual Integrations
APPROVED

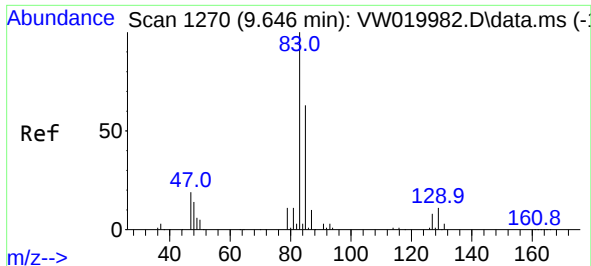
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#46
Dibromomethane
Concen: 2.412 ug/l
RT: 9.463 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VW020007.D
Acq: 09 Sep 2021 17:38

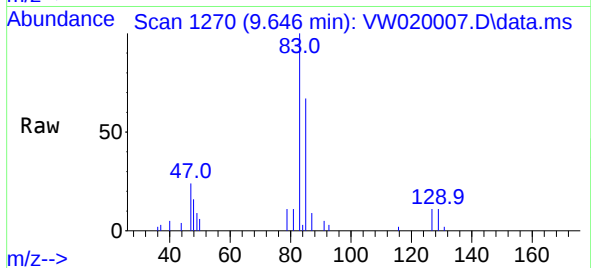
Tgt Ion: 93 Resp: 2877
Ion Ratio Lower Upper
93 100
95 79.4 65.2 97.8
174 94.0 75.8 113.6





#47
Bromodichloromethane
Concen: 2.234 ug/l
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW020007.D
Acq: 09 Sep 2021 17:38

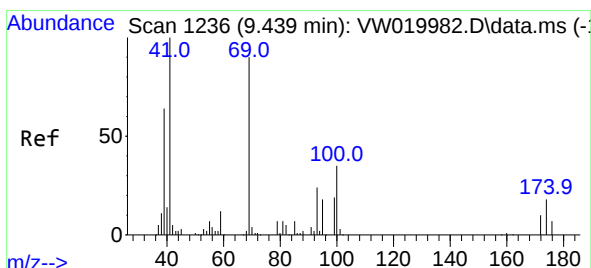
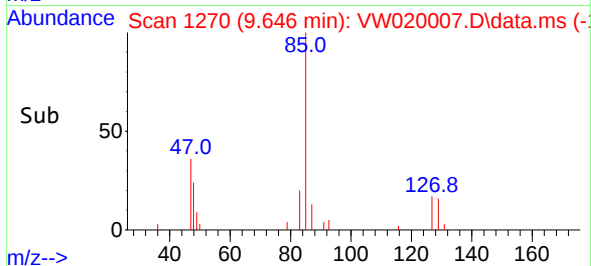
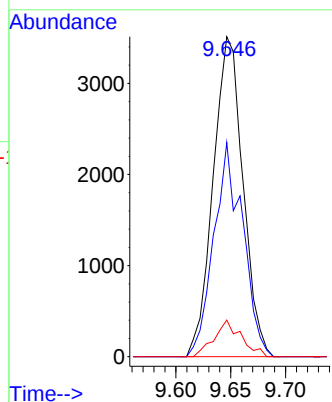
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT3-2021DL



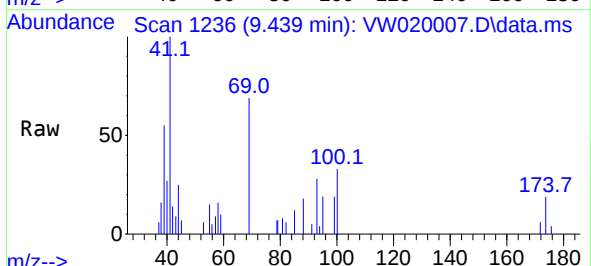
Tgt Ion: 83 Resp: 6638
Ion Ratio Lower Upper
83 100
85 66.9 50.3 75.5
127 11.4 6.5 9.7#

Manual Integrations
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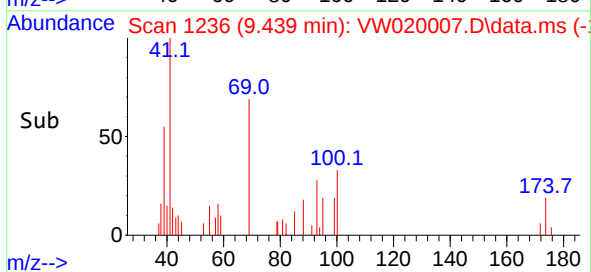
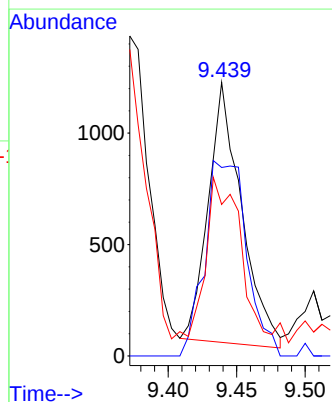
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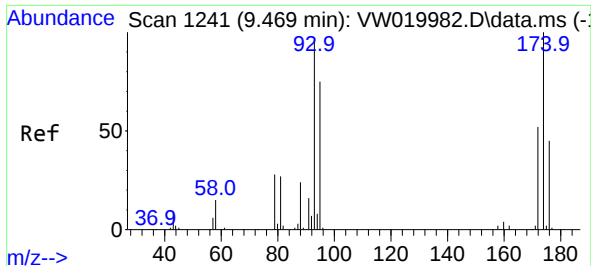


#48
Methyl methacrylate
Concen: 2.043 ug/l
RT: 9.439 min Scan# 1236
Delta R.T. 0.000 min
Lab File: VW020007.D
Acq: 09 Sep 2021 17:38



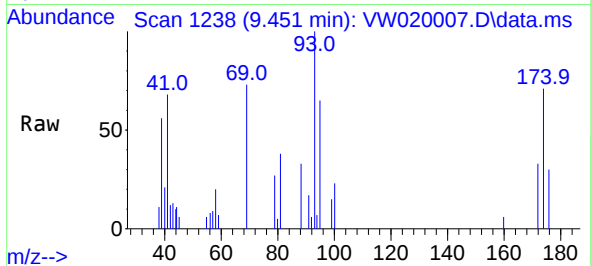
Tgt Ion: 41 Resp: 1968
Ion Ratio Lower Upper
41 100
69 94.5 76.7 115.1
39 63.9 51.4 77.0





#49
1,4-Dioxane
Concen: 45.104 ug/l
RT: 9.451 min Scan# 1238
Delta R.T. -0.018 min
Lab File: VW020007.D
Acq: 09 Sep 2021 17:38

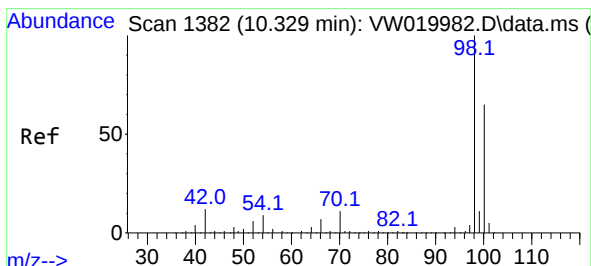
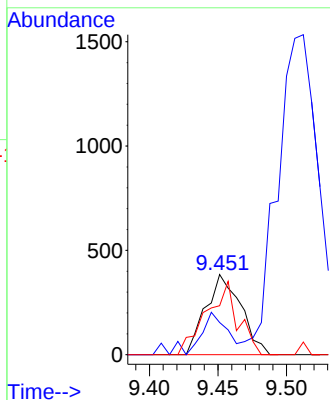
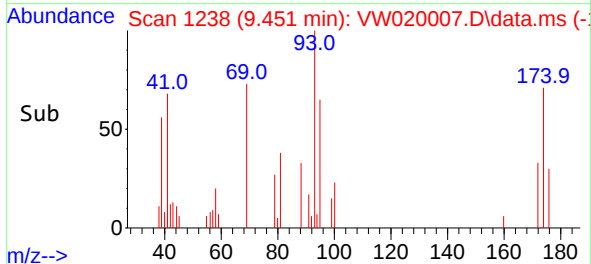
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT3-2021DL



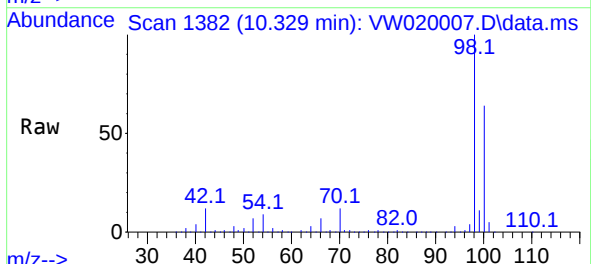
Tgt Ion: 88 Resp: 687
Ion Ratio Lower Upper
88 100
43 39.9 0.0 0.0#
58 81.5 54.7 82.1

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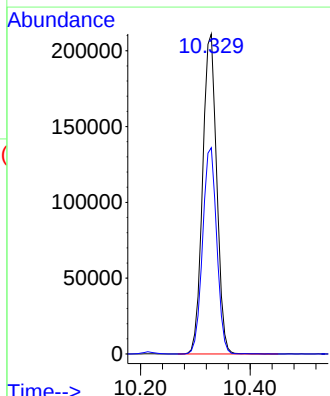
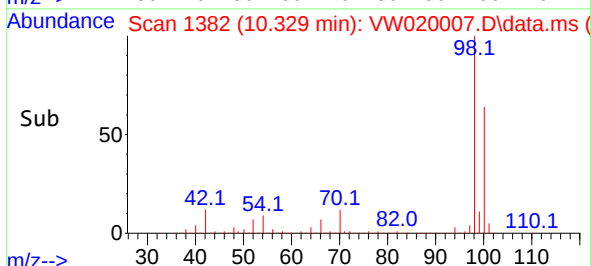
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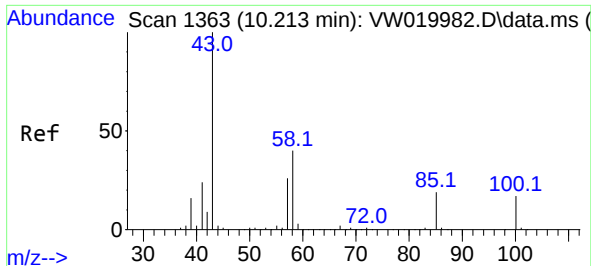


#50
Toluene-d8
Concen: 51.094 ug/l
RT: 10.329 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VW020007.D
Acq: 09 Sep 2021 17:38



Tgt Ion: 98 Resp: 374202
Ion Ratio Lower Upper
98 100
100 64.9 51.9 77.9





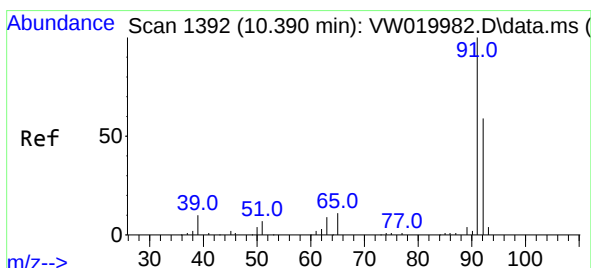
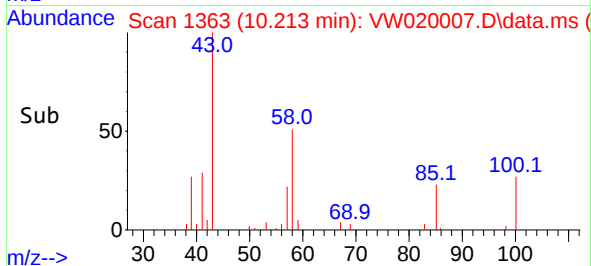
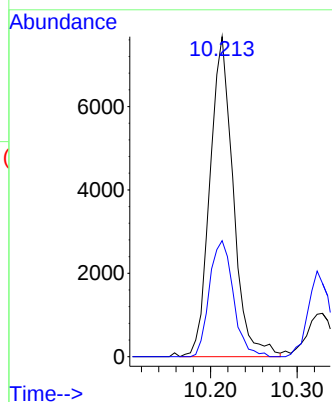
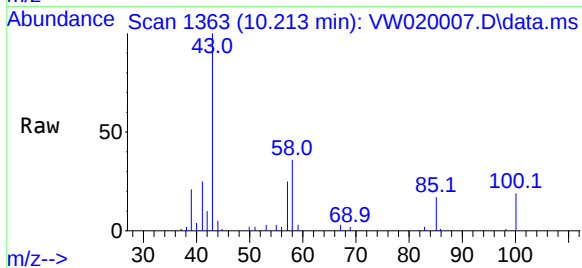
#51
4-Methyl-2-Pentanone
Concen: 12.569 ug/l
RT: 10.213 min Scan# 1363
Delta R.T. 0.000 min
Lab File: VW020007.D
Acq: 09 Sep 2021 17:38

Tgt Ion: 43 Resp: 14352
Ion Ratio Lower Upper
43 100
58 37.2 32.1 48.1

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT3-2021DL

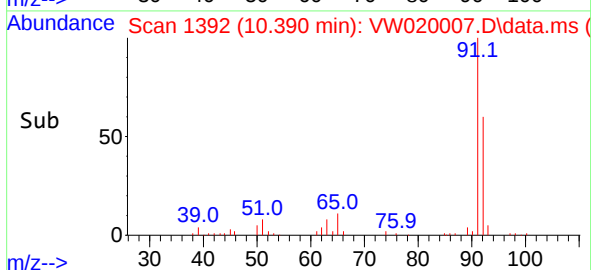
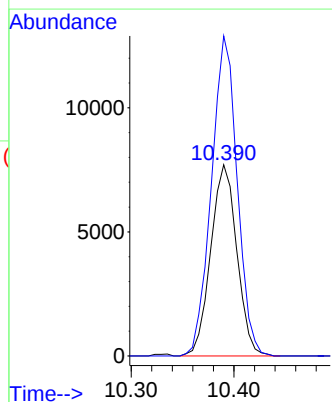
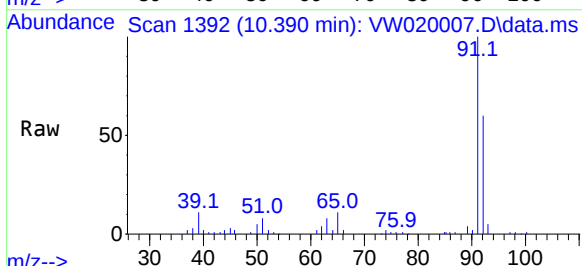
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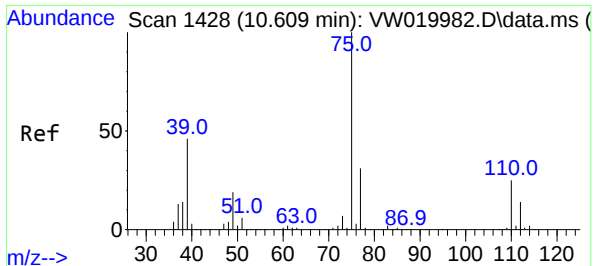
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#52
Toluene
Concen: 2.469 ug/l
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW020007.D
Acq: 09 Sep 2021 17:38

Tgt Ion: 92 Resp: 13591
Ion Ratio Lower Upper
92 100
91 165.4 136.6 205.0





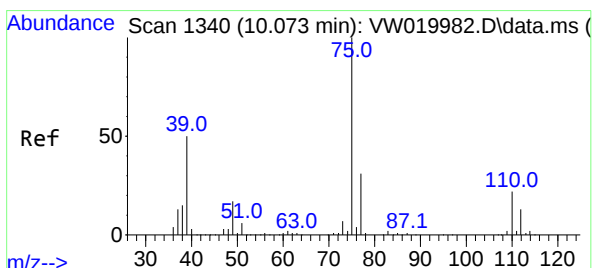
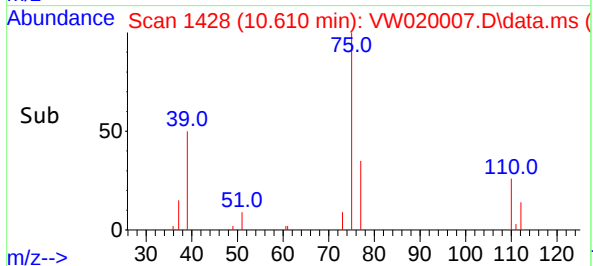
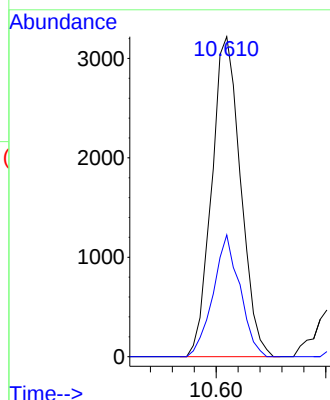
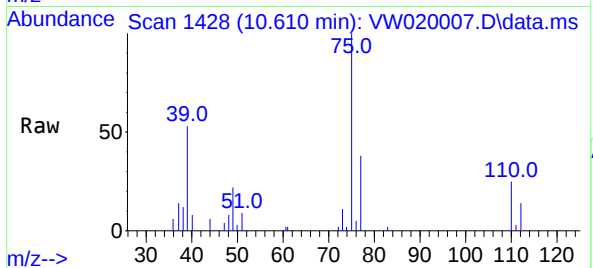
#53
t-1,3-Dichloropropene
Concen: 2.065 ug/l
RT: 10.610 min Scan# 1428
Delta R.T. 0.000 min
Lab File: VW020007.D
Acq: 09 Sep 2021 17:38

Tgt Ion: 75 Resp: 5886
Ion Ratio Lower Upper
75 100
77 38.0 24.9 37.3#

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT3-2021DL

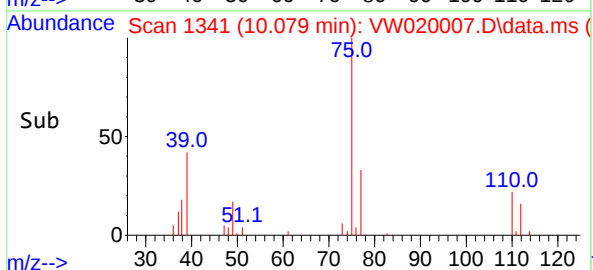
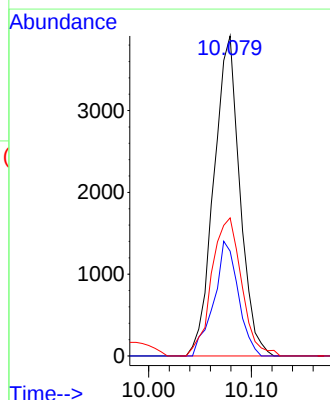
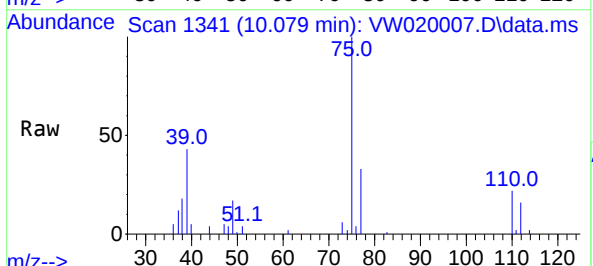
Manual Integrations
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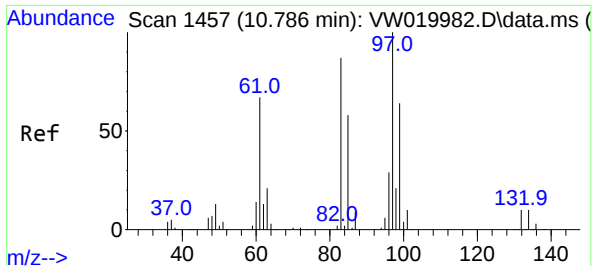
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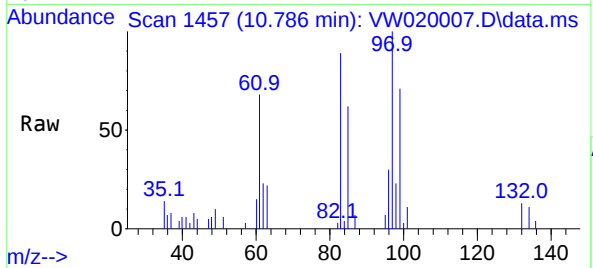
#54
cis-1,3-Dichloropropene
Concen: 2.068 ug/l
RT: 10.079 min Scan# 1341
Delta R.T. 0.006 min
Lab File: VW020007.D
Acq: 09 Sep 2021 17:38

Tgt Ion: 75 Resp: 6863
Ion Ratio Lower Upper
75 100
77 32.7 24.8 37.2
39 43.2 39.9 59.9

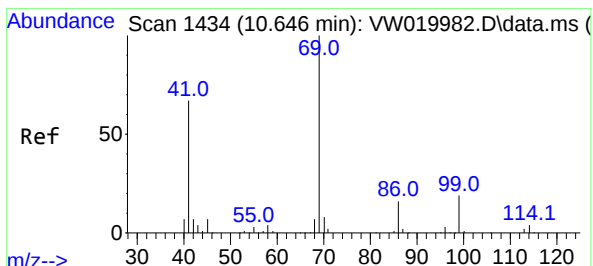
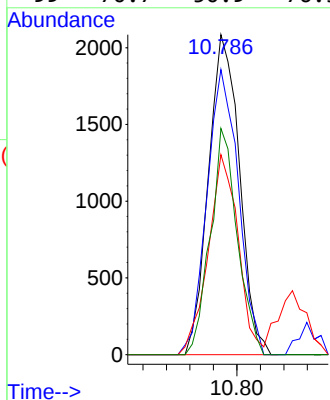
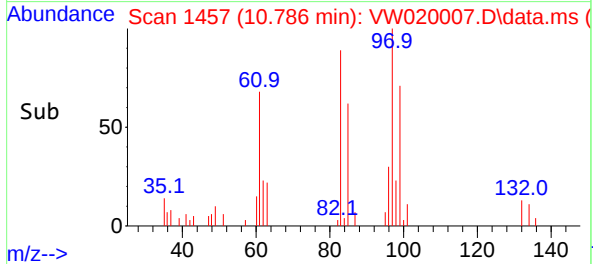




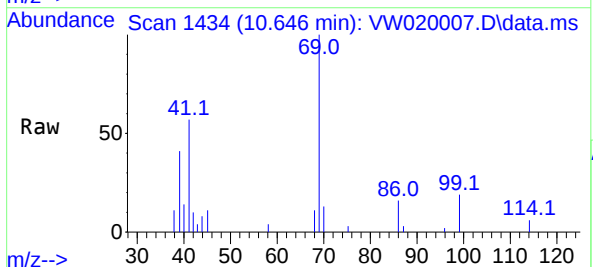
#55
1,1,2-Trichloroethane
Concen: 2.362 ug/l
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW020007.D
Acq: 09 Sep 2021 17:38



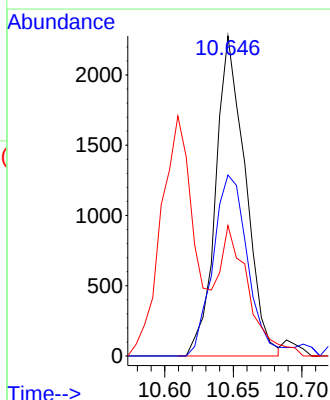
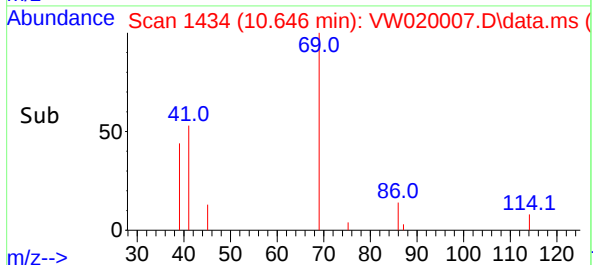
Tgt Ion	Ratio	Lower	Upper
97	100		
83	89.1	69.8	104.6
85	62.5	46.6	69.8
99	70.7	50.9	76.3



#56
Ethyl methacrylate
Concen: 1.899 ug/l
RT: 10.646 min Scan# 1434
Delta R.T. 0.000 min
Lab File: VW020007.D
Acq: 09 Sep 2021 17:38



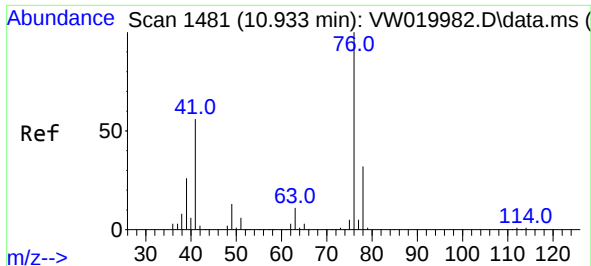
Tgt Ion	Ratio	Lower	Upper
69	100		
41	66.3	50.6	76.0
39	39.4	31.2	46.8



Instrument :
MSVOA_W
ClientSampleId :
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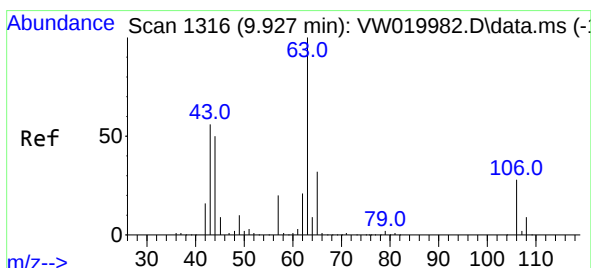
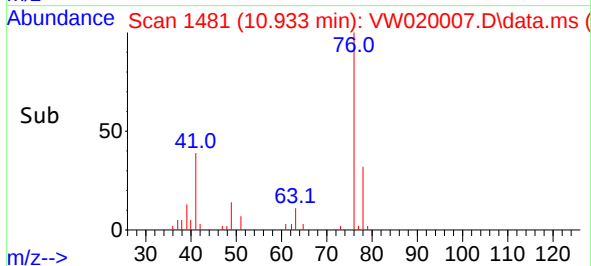
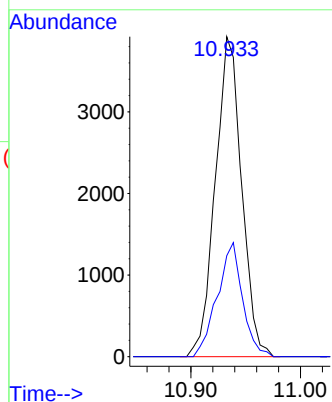
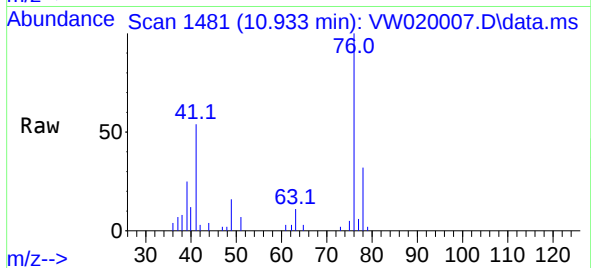
#57
1,3-Dichloropropane
Concen: 2.355 ug/l
RT: 10.933 min Scan# 1481
Delta R.T. 0.000 min
Lab File: VW020007.D
Acq: 09 Sep 2021 17:38

Tgt Ion: 76 Resp: 6530
Ion Ratio Lower Upper
76 100
78 34.3 26.6 40.0

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT3-2021DL

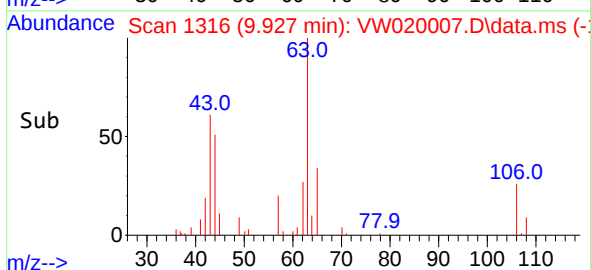
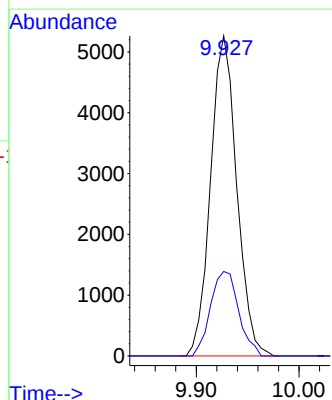
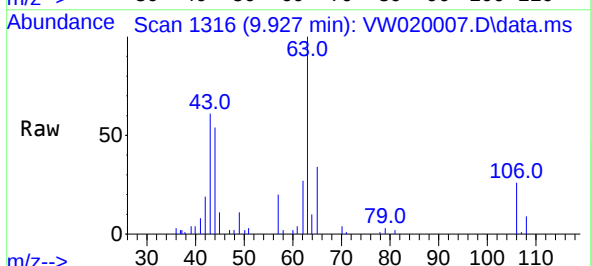
Manual Integrations
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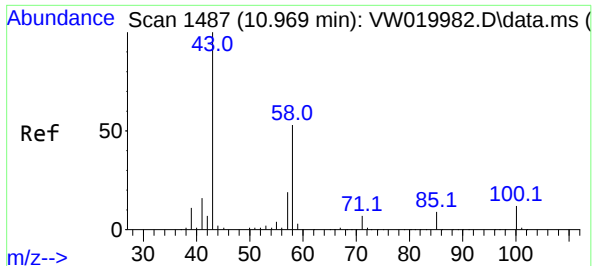
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#58
2-Chloroethyl Vinyl ether
Concen: 11.283 ug/l
RT: 9.927 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VW020007.D
Acq: 09 Sep 2021 17:38

Tgt Ion: 63 Resp: 9311
Ion Ratio Lower Upper
63 100
106 28.4 22.9 34.3





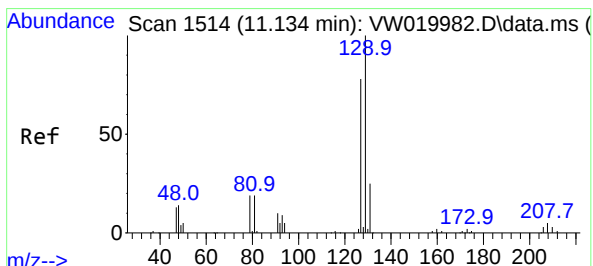
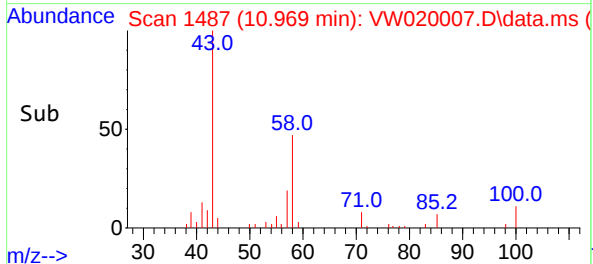
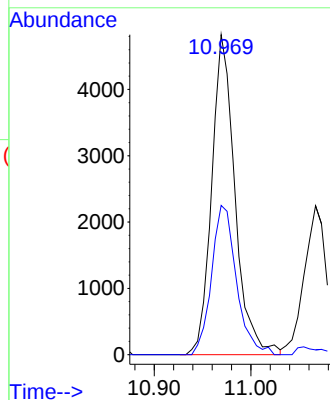
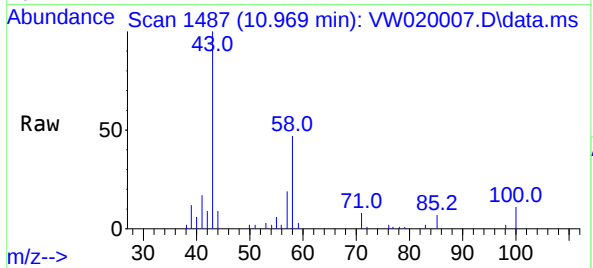
#59
2-Hexanone
Concen: 10.558 ug/l
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW020007.D
Acq: 09 Sep 2021 17:38

Tgt Ion: 43 Resp: 8057
Ion Ratio Lower Upper
43 100
58 49.9 27.4 82.0

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT3-2021DL

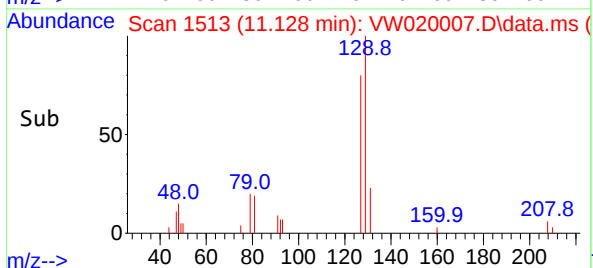
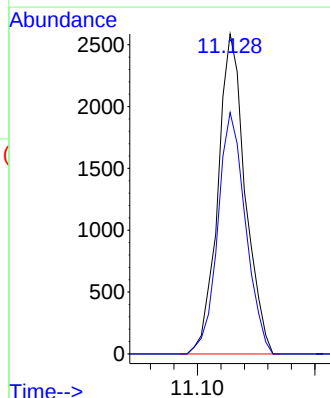
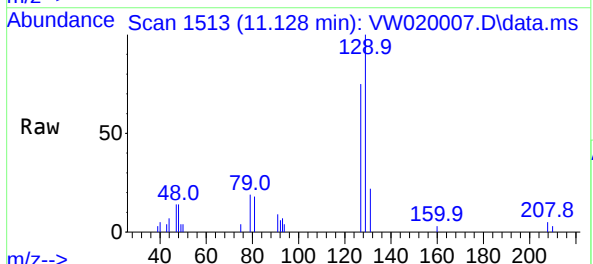
Manual Integrations
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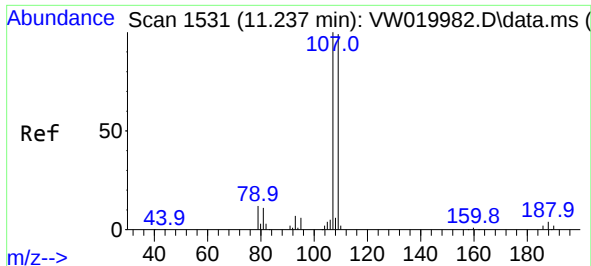
MMDadoda
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#60
Dibromochloromethane
Concen: 2.236 ug/l
RT: 11.128 min Scan# 1513
Delta R.T. -0.006 min
Lab File: VW020007.D
Acq: 09 Sep 2021 17:38

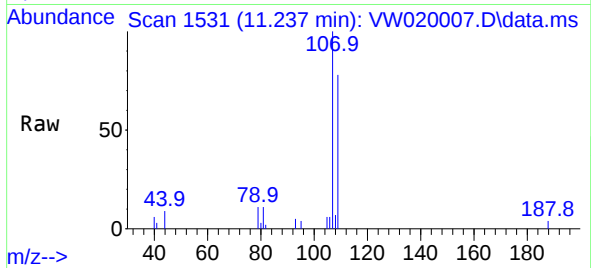
Tgt Ion: 129 Resp: 4183
Ion Ratio Lower Upper
129 100
127 76.6 38.9 116.7





#61
1,2-Dibromoethane
Concen: 2.403 ug/l
RT: 11.237 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VW020007.D
Acq: 09 Sep 2021 17:38

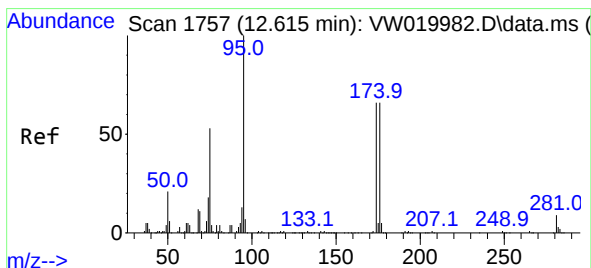
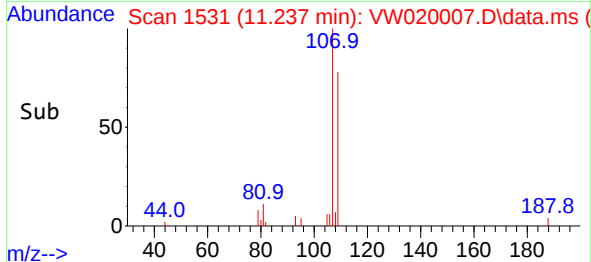
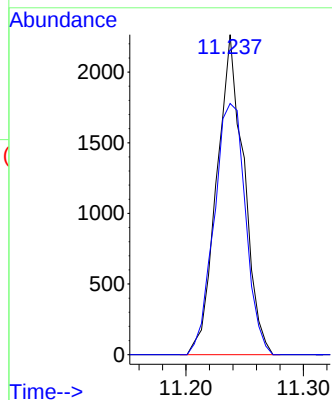
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT3-2021DL



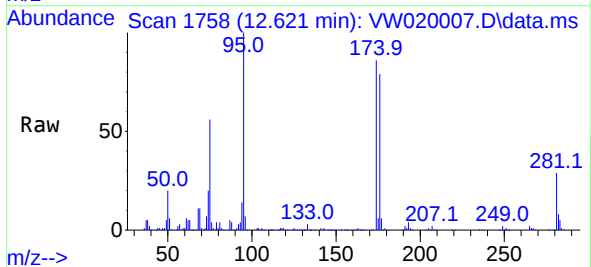
Tgt Ion:107 Resp: 3637
Ion Ratio Lower Upper
107 100
109 90.8 76.4 114.6

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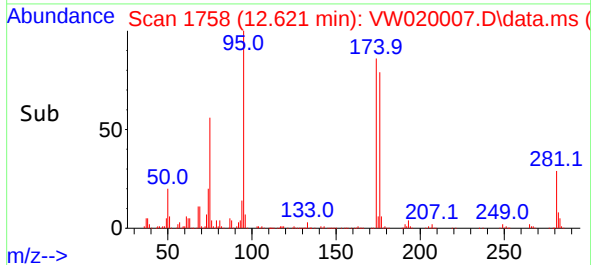
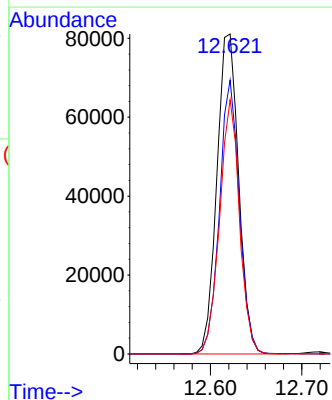
MMDadoda
9/10/2021 6:38:37 PM



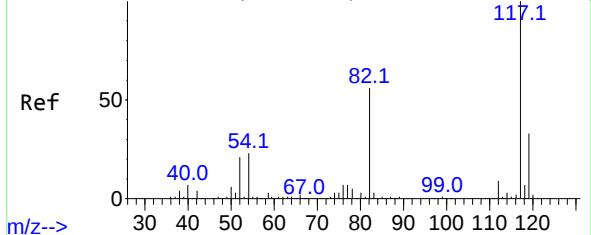
#62
4-Bromofluorobenzene
Concen: 49.570 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.006 min
Lab File: VW020007.D
Acq: 09 Sep 2021 17:38



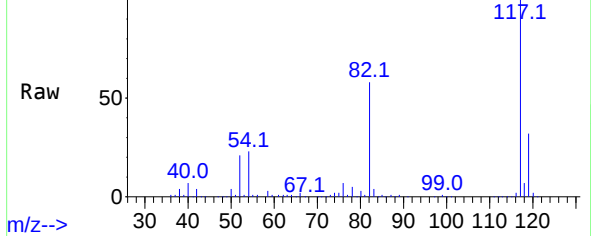
Tgt Ion: 95 Resp: 134329
Ion Ratio Lower Upper
95 100
174 78.4 0.0 145.2
176 72.7 0.0 146.4



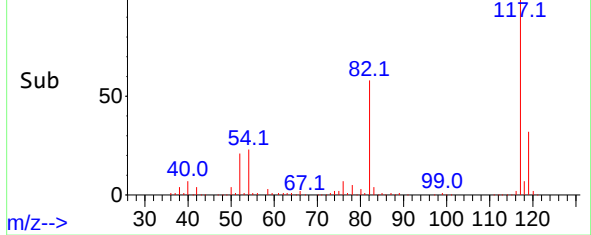
Abundance Scan 1596 (11.634 min): VW019982.D\data.ms (



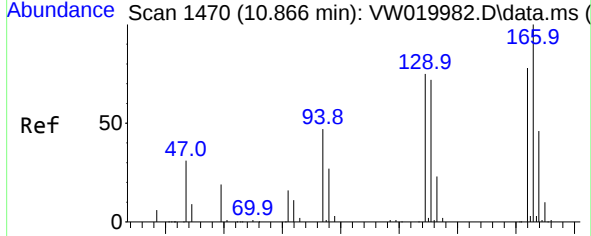
m/z--> Abundance Scan 1596 (11.634 min): VW020007.D\data.ms



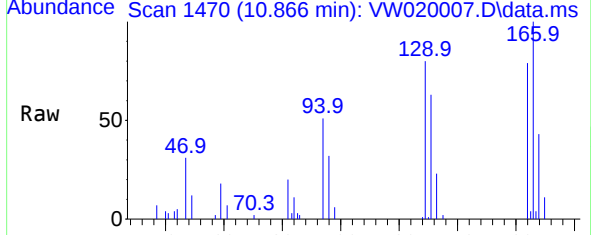
m/z--> Abundance Scan 1596 (11.634 min): VW020007.D\data.ms (



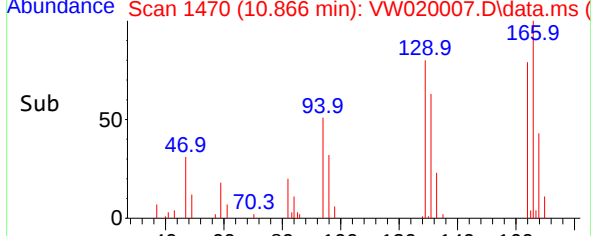
m/z--> Abundance Scan 1470 (10.866 min): VW019982.D\data.ms (



m/z--> Abundance Scan 1470 (10.866 min): VW020007.D\data.ms



m/z--> Abundance Scan 1470 (10.866 min): VW020007.D\data.ms (



m/z--> Abundance Scan 1470 (10.866 min): VW020007.D\data.ms (



m/z--> Abundance Scan 1470 (10.866 min): VW020007.D\data.ms (

m/z--> Abundance Scan 1470 (10.866 min): VW020007.D\data.ms (

m/z--> Abundance Scan 1470 (10.866 min): VW020007.D\data.ms (

m/z--> Abundance Scan 1470 (10.866 min): VW020007.D\data.ms (

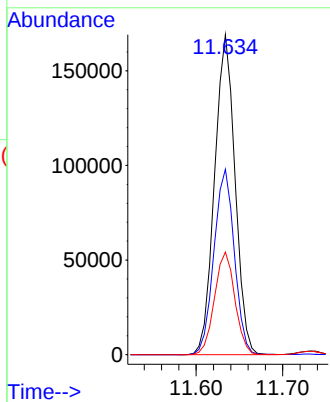
m/z--> Abundance Scan 1470 (10.866 min): VW020007.D\data.ms (

m/z--> Abundance Scan 1470 (10.866 min): VW020007.D\data.ms (

m/z--> Abundance Scan 1470 (10.866 min): VW020007.D\data.ms (

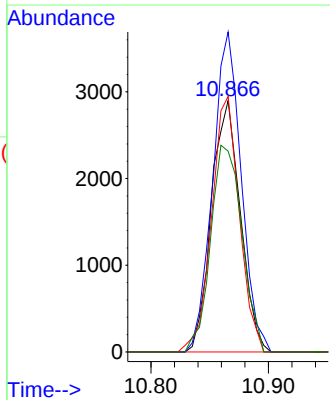
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW020007.D
Acq: 09 Sep 2021 17:38

Tgt Ion:117 Resp: 277995
Ion Ratio Lower Upper
117 100
82 57.9 45.0 67.4
119 32.0 26.2 39.2



#64
Tetrachloroethene
Concen: 2.572 ug/l
RT: 10.866 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VW020007.D
Acq: 09 Sep 2021 17:38

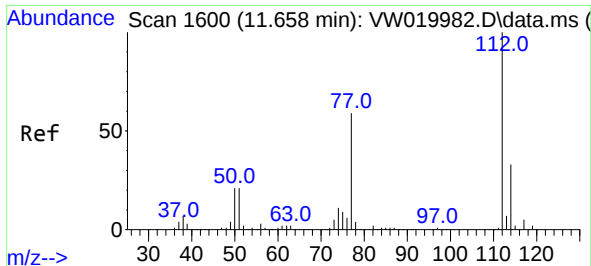
Tgt Ion:164 Resp: 4962
Ion Ratio Lower Upper
164 100
166 127.3 103.1 154.7
129 101.6 77.7 116.5
131 79.9 74.6 112.0



Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT3-2021DL

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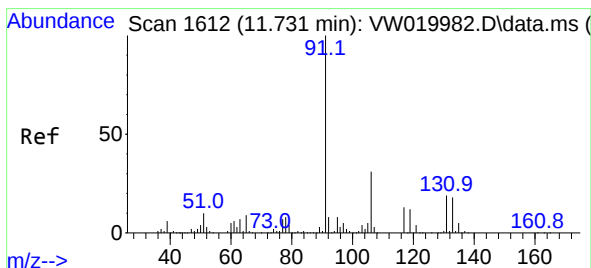
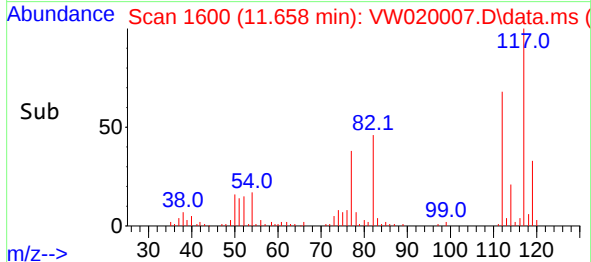
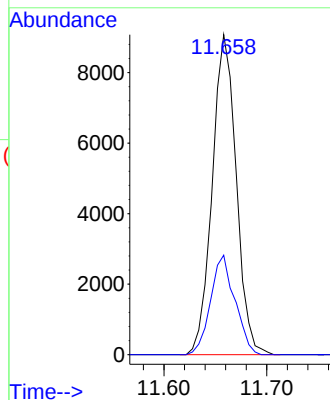
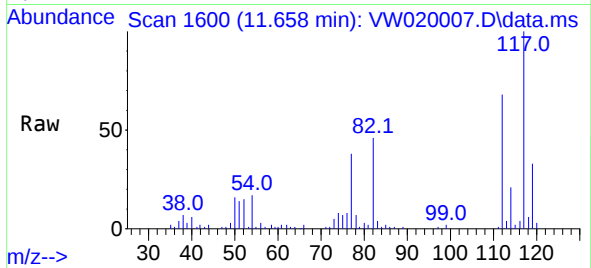
#65
Chlorobenzene
Concen: 2.461 ug/l
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW020007.D
Acq: 09 Sep 2021 17:38

Tgt Ion:112 Resp: 14706
Ion Ratio Lower Upper
112 100
114 31.1 26.1 39.1

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT3-2021DL

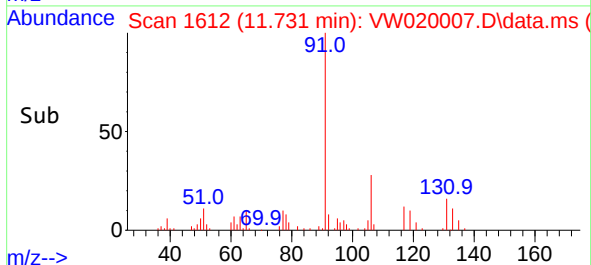
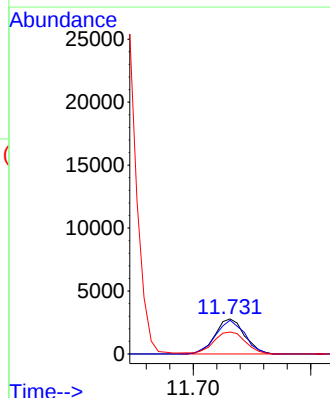
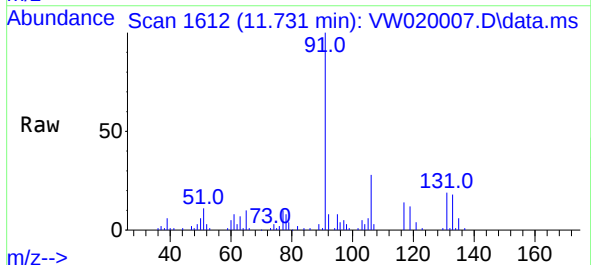
Manual Integrations
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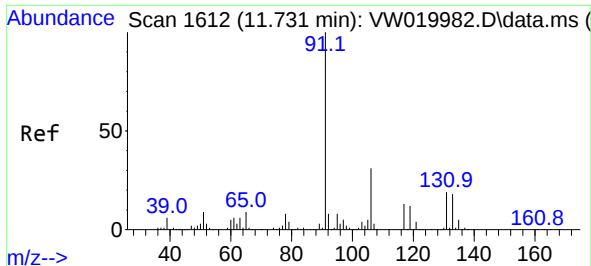
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#66
1,1,1,2-Tetrachloroethane
Concen: 2.273 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW020007.D
Acq: 09 Sep 2021 17:38

Tgt Ion:131 Resp: 4840
Ion Ratio Lower Upper
131 100
133 95.3 46.6 139.8
119 68.0 32.8 98.4





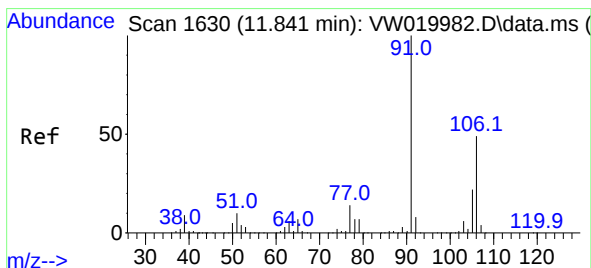
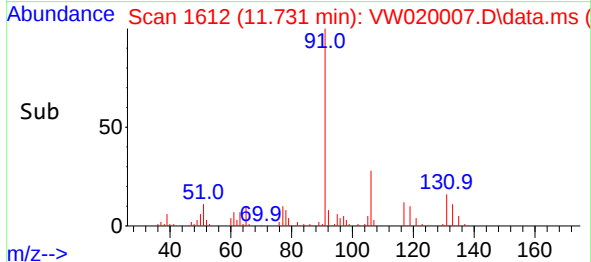
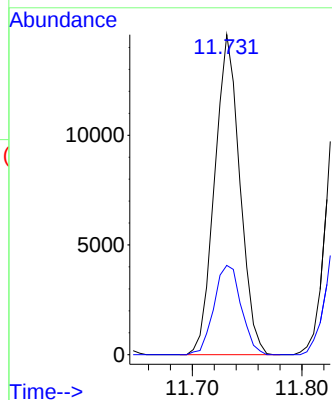
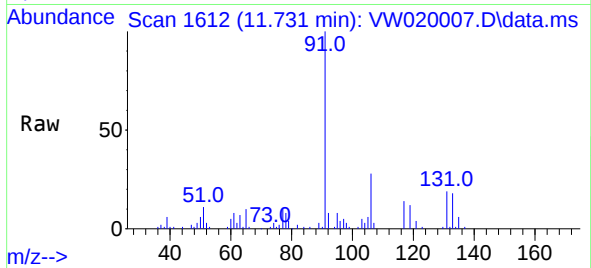
#67
Ethyl Benzene
Concen: 2.209 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW020007.D
Acq: 09 Sep 2021 17:38

Tgt Ion: 91 Resp: 23288
Ion Ratio Lower Upper
91 100
106 27.9 24.7 37.1

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT3-2021DL

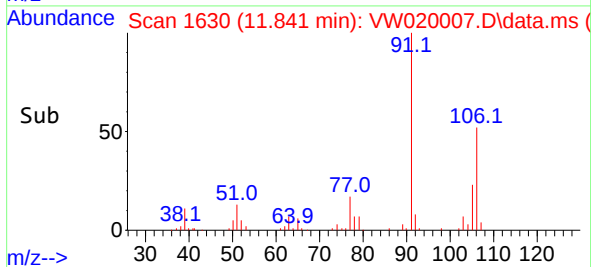
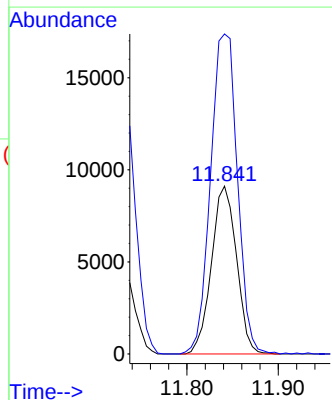
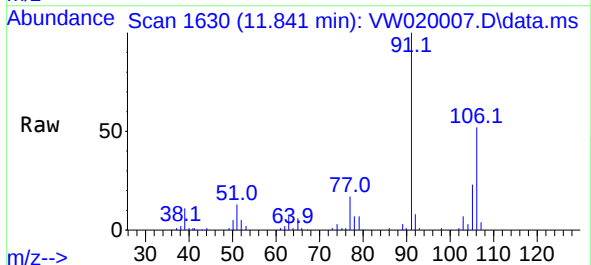
Manual Integrations
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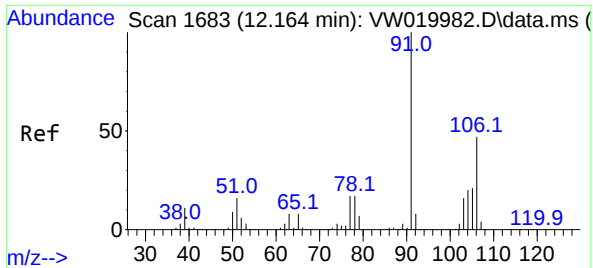
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#68
m/p-Xylenes
Concen: 4.178 ug/l
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW020007.D
Acq: 09 Sep 2021 17:38

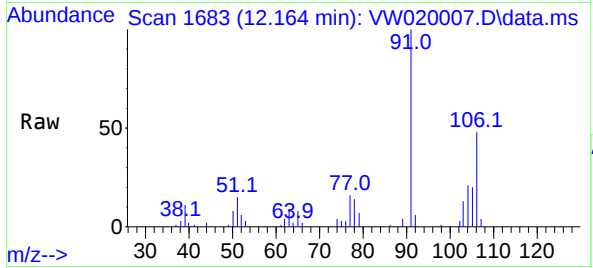
Tgt Ion: 106 Resp: 17381
Ion Ratio Lower Upper
106 100
91 203.9 166.8 250.2





#69
o-Xylene
Concen: 2.069 ug/l
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW020007.D
Acq: 09 Sep 2021 17:38

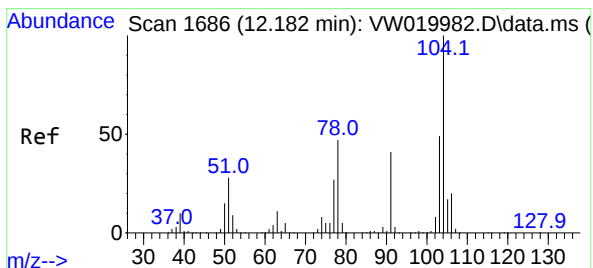
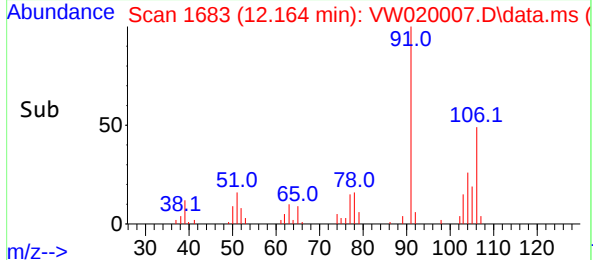
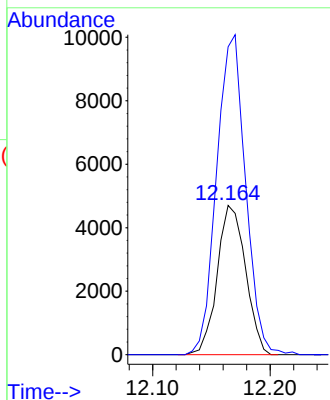
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT3-2021DL



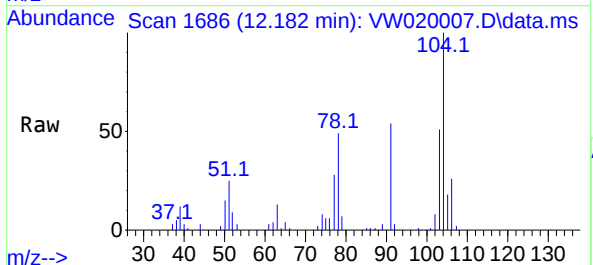
Tgt Ion:106 Resp: 7886
Ion Ratio Lower Upper
106 100
91 219.0 109.2 327.6

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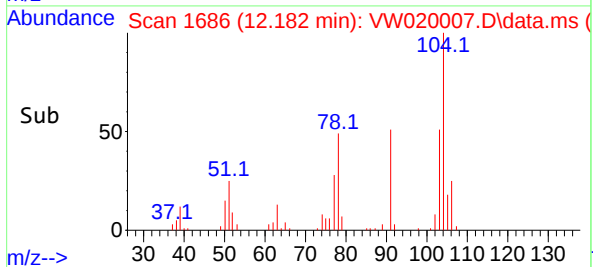
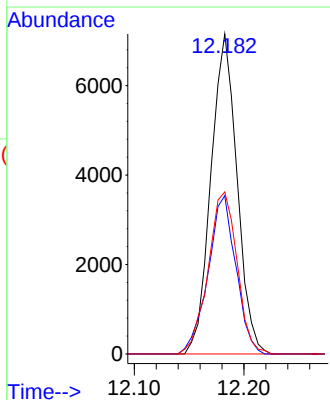
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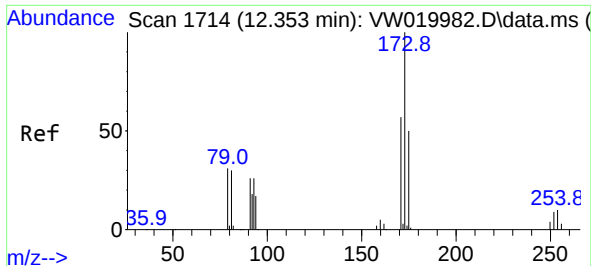


#70
Styrene
Concen: 1.834 ug/l
RT: 12.182 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW020007.D
Acq: 09 Sep 2021 17:38



Tgt Ion:104 Resp: 11846
Ion Ratio Lower Upper
104 100
78 52.6 42.6 63.8
103 56.1 43.8 65.6





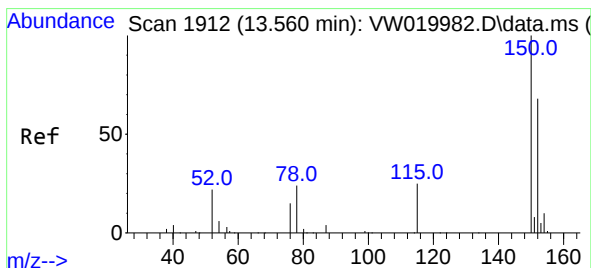
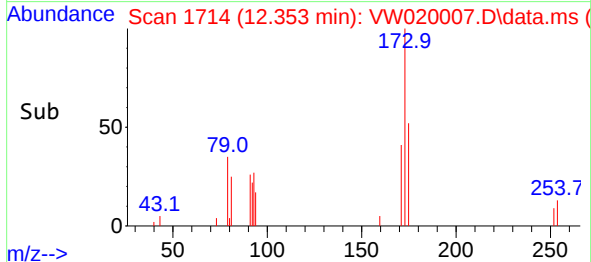
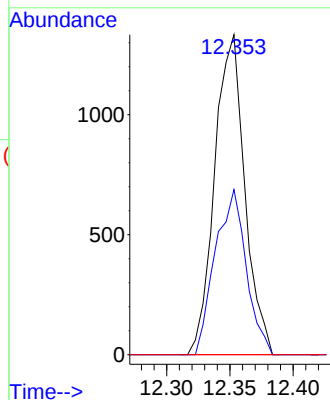
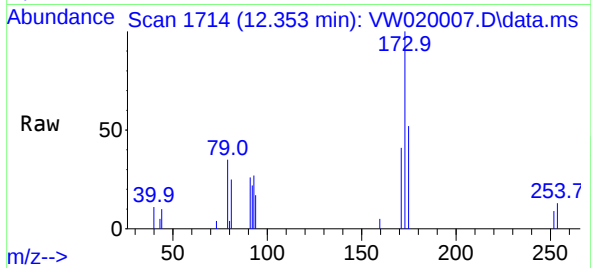
#71
Bromoform
Concen: 2.106 ug/l
RT: 12.353 min Scan# 1714
Delta R.T. 0.000 min
Lab File: VW020007.D
Acq: 09 Sep 2021 17:38

Tgt Ion:	173	Resp:	2208
Ion Ratio	Lower	Upper	
173	100		
175	53.0	24.6	73.8
254	0.0	0.0	0.0

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT3-2021DL

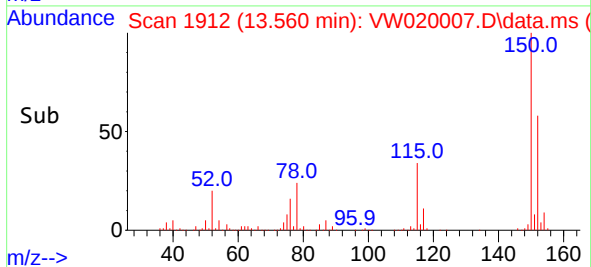
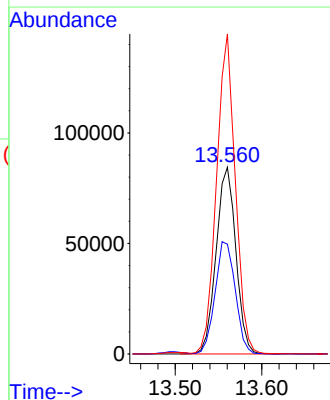
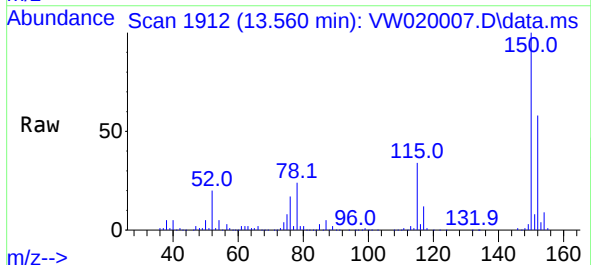
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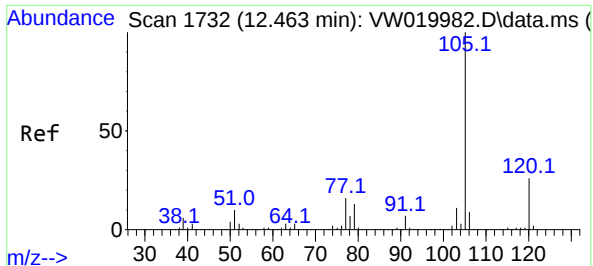
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW020007.D
Acq: 09 Sep 2021 17:38

Tgt Ion:	152	Resp:	133843
Ion Ratio	Lower	Upper	
152	100		
115	61.6	30.8	92.3
150	163.1	0.0	359.2





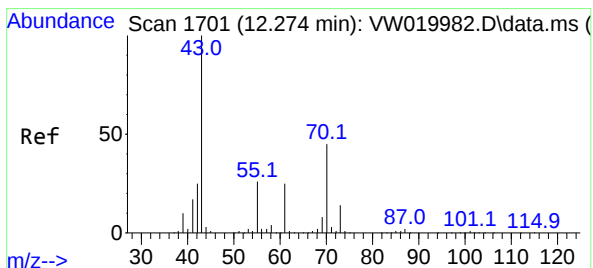
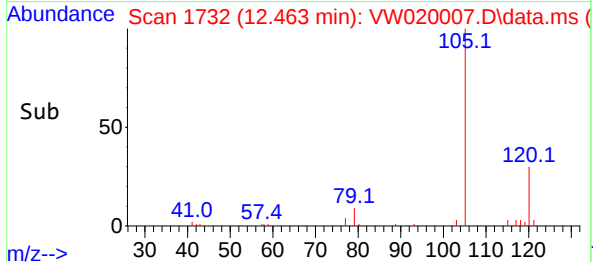
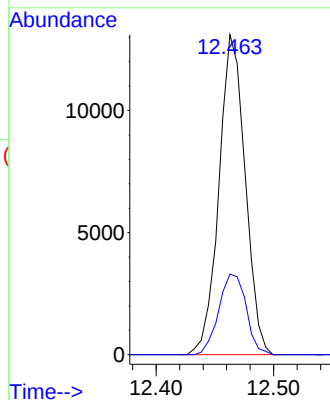
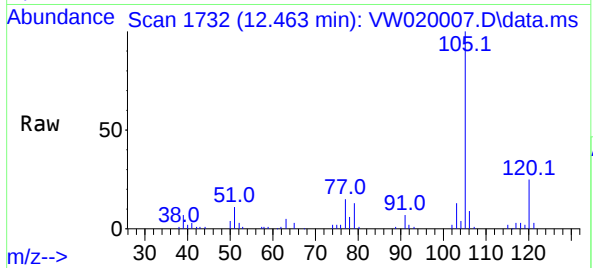
#73
Isopropylbenzene
Concen: 2.145 ug/l
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW020007.D
Acq: 09 Sep 2021 17:38

Tgt Ion: 105 Resp: 20312
Ion Ratio Lower Upper
105 100
120 26.3 13.0 39.0

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT3-2021DL

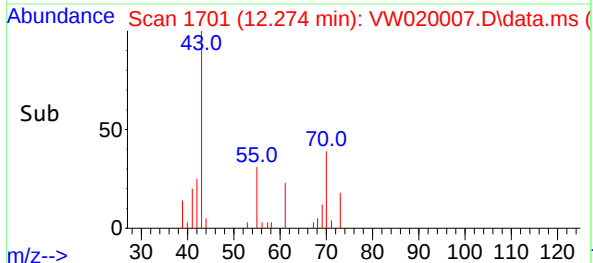
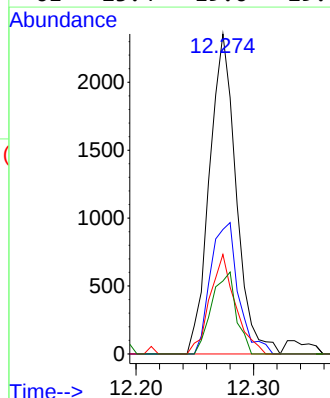
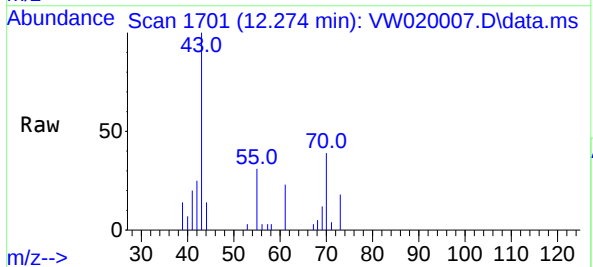
Manual Integrations
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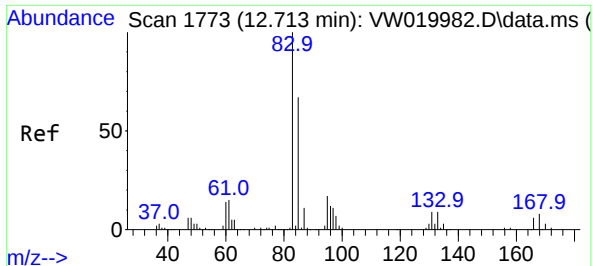
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#74
N-ethyl acetate
Concen: 1.913 ug/l
RT: 12.274 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VW020007.D
Acq: 09 Sep 2021 17:38

Tgt Ion: 43 Resp: 3719
Ion Ratio Lower Upper
43 100
70 42.8 35.1 52.7
55 29.7 21.4 32.2
61 23.4 19.6 29.4





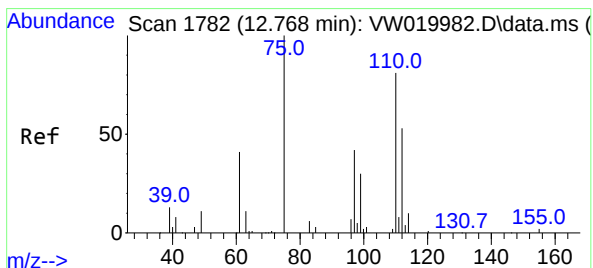
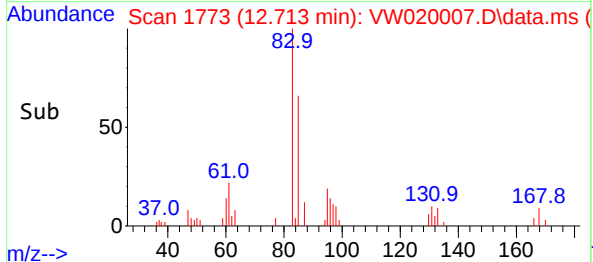
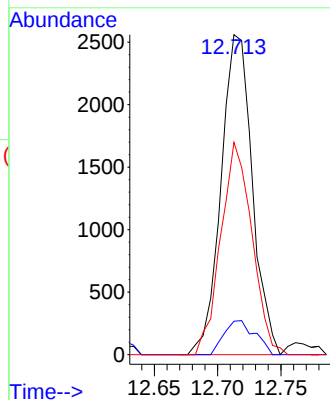
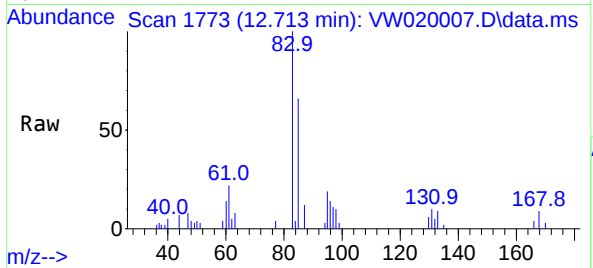
#75
1,1,2,2-Tetrachloroethane
Concen: 2.528 ug/l
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW020007.D
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Tgt Ion:	83	Resp:	4396
Ion	Ratio	Lower	Upper
83	100		
131	10.5	5.3	15.8
85	66.3	32.8	98.4

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT3-2021DL

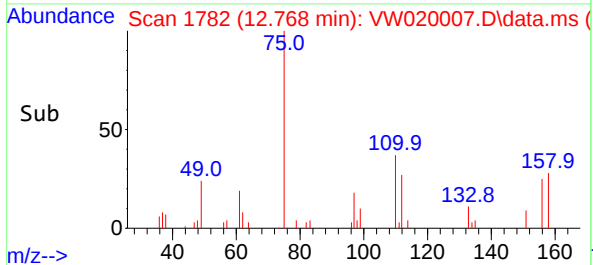
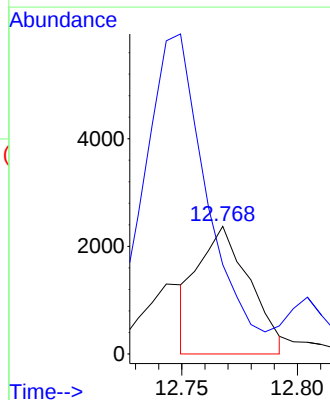
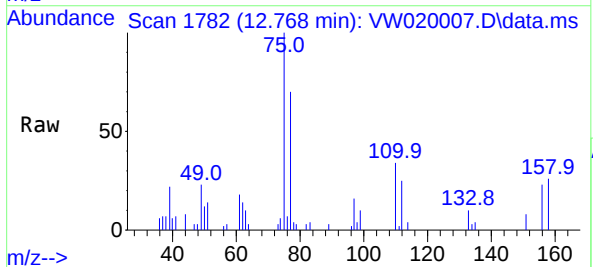
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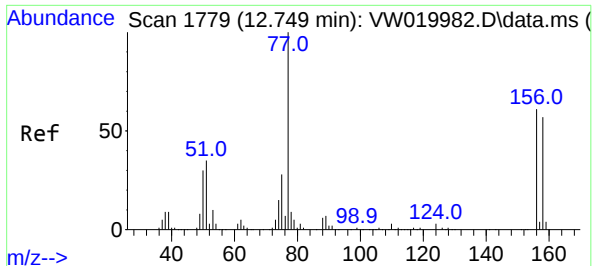
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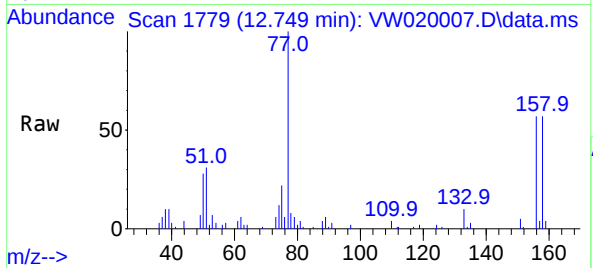
#76
1,2,3-Trichloropropane
Concen: 2.949 ug/l m
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW020007.D
Acq: 09 Sep 2021 17:38

Tgt Ion:	75	Resp:	3667
Ion	Ratio	Lower	Upper
75	100		
77	305.8	0.0	0.0#

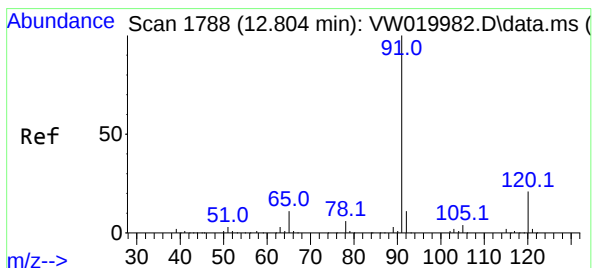
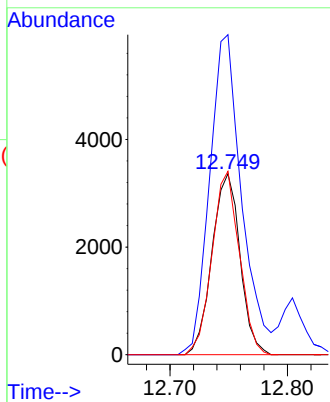
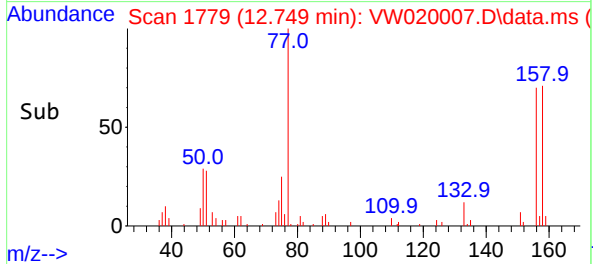




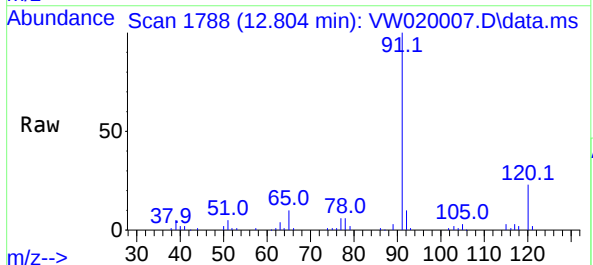
#77
Bromobenzene
Concen: 2.536 ug/l
RT: 12.749 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VW020007.D
Acq: 09 Sep 2021 17:38



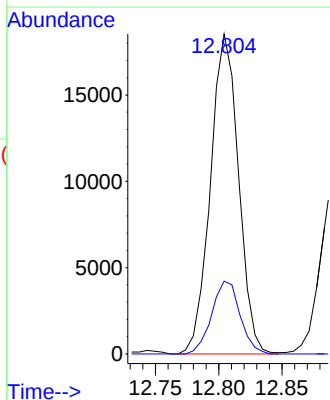
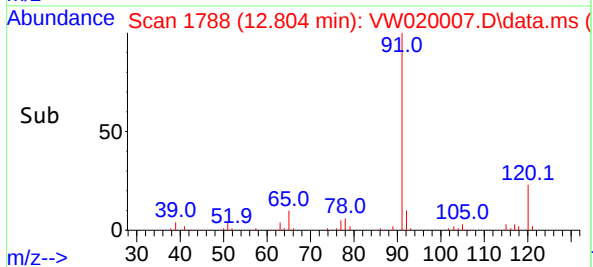
Tgt Ion: 156 Resp: 5571
Ion Ratio Lower Upper
156 100
77 201.3 96.6 289.8
158 99.1 48.6 145.9



#78
n-propylbenzene
Concen: 2.401 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. 0.000 min
Lab File: VW020007.D
Acq: 09 Sep 2021 17:38



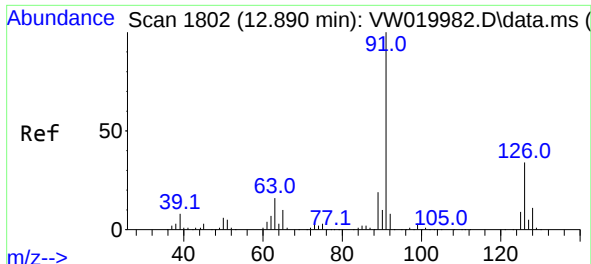
Tgt Ion: 91 Resp: 28633
Ion Ratio Lower Upper
91 100
120 22.9 10.9 32.7



Instrument :
MSVOA_W
ClientSampleId :
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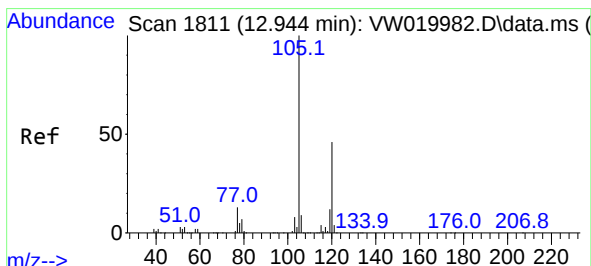
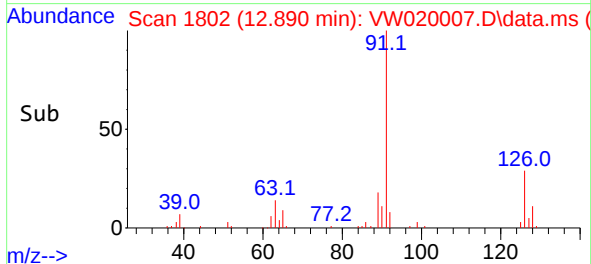
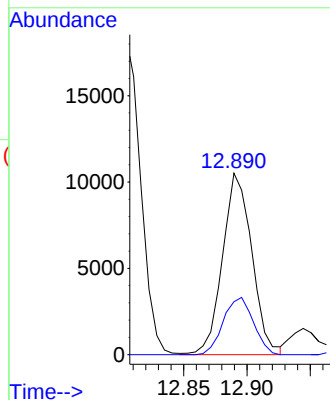
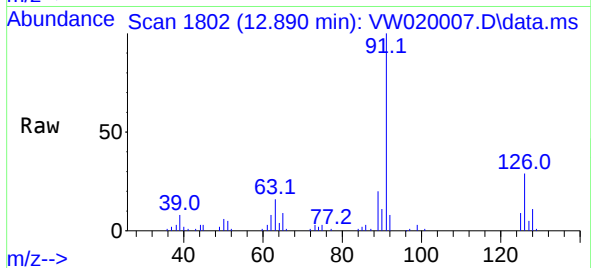
#79
2-Chlorotoluene
Concen: 2.444 ug/l
RT: 12.890 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VW020007.D
Acq: 09 Sep 2021 17:38

Tgt Ion: 91 Resp: 16967
Ion Ratio Lower Upper
91 100
126 32.3 16.4 49.2

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT3-2021DL

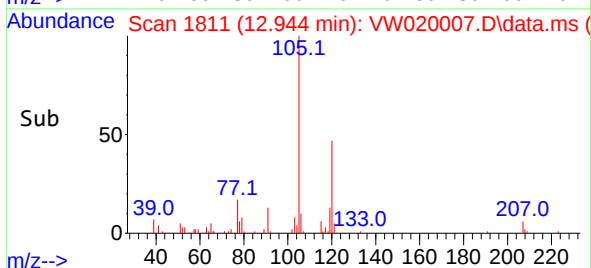
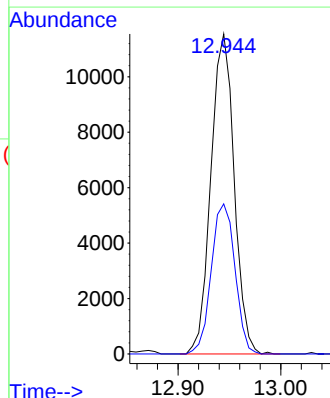
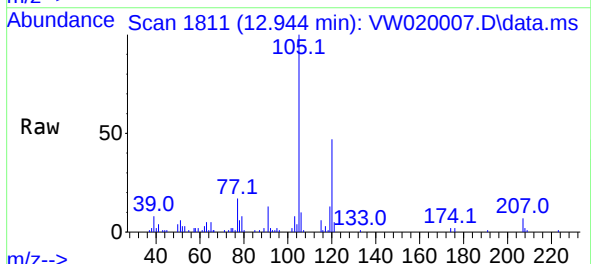
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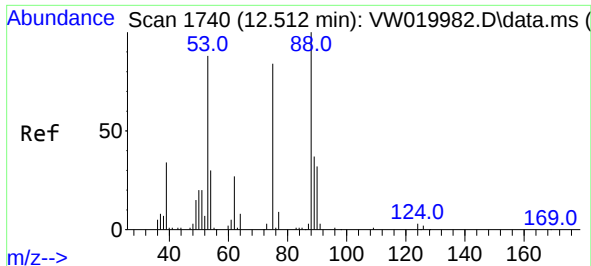
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#80
1,3,5-Trimethylbenzene
Concen: 2.176 ug/l
RT: 12.944 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW020007.D
Acq: 09 Sep 2021 17:38

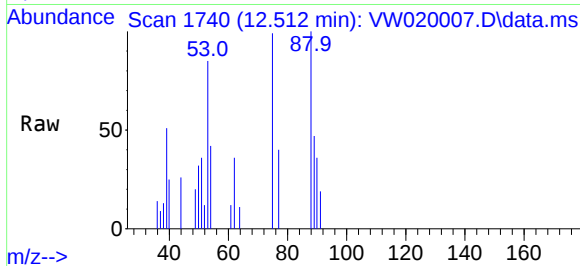
Tgt Ion: 105 Resp: 18167
Ion Ratio Lower Upper
105 100
120 47.8 23.8 71.4





#81
trans-1,4-Dichloro-2-butene
Concen: 2.027 ug/l m
RT: 12.512 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VW020007.D
Acq: 09 Sep 2021 17:38

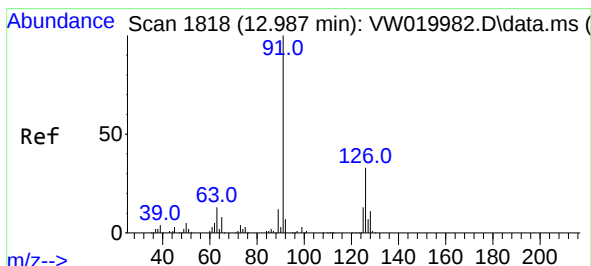
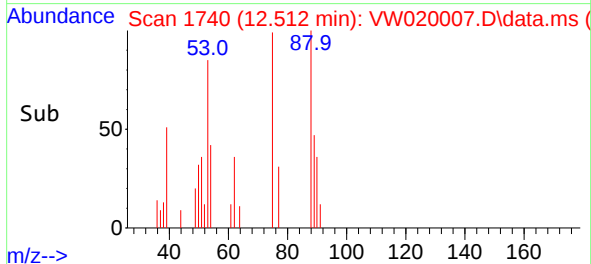
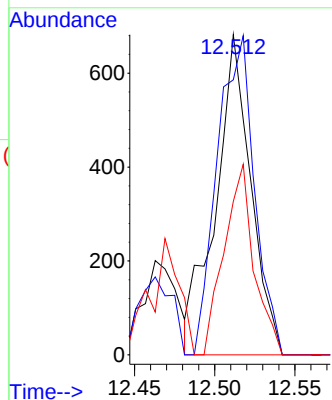
Instrument :
MSVOA_W
ClientSampleId :
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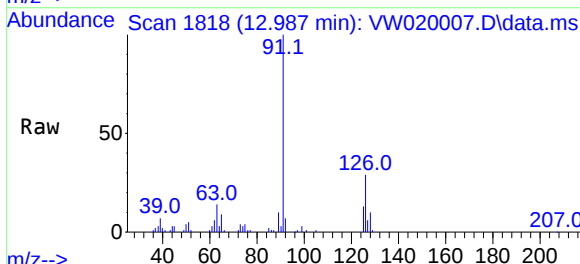
Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	86.1	129.1#
89	52.2	37.7	56.5

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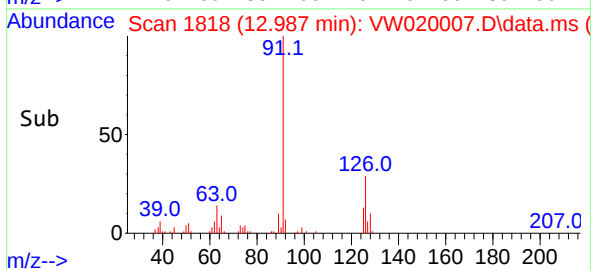
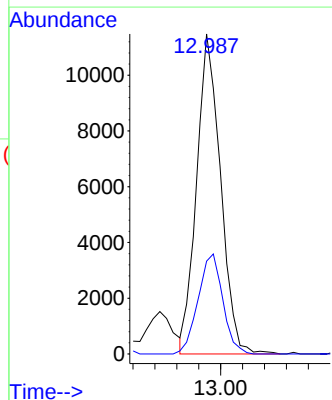
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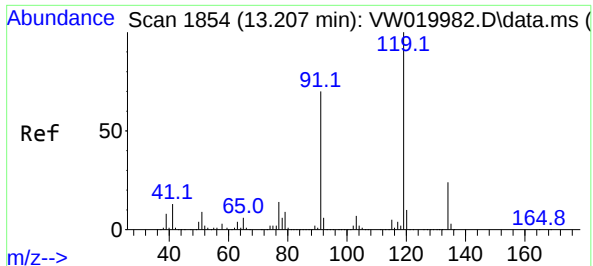


#82
4-Chlorotoluene
Concen: 2.384 ug/l
RT: 12.987 min Scan# 1818
Delta R.T. 0.000 min
Lab File: VW020007.D
Acq: 09 Sep 2021 17:38



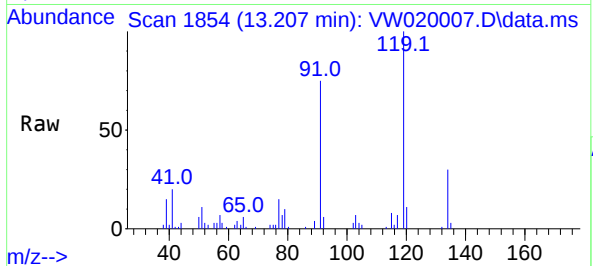
Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.2	16.1	48.2





#83
tert-Butylbenzene
Concen: 2.154 ug/l
RT: 13.207 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VW020007.D
Acq: 09 Sep 2021 17:38

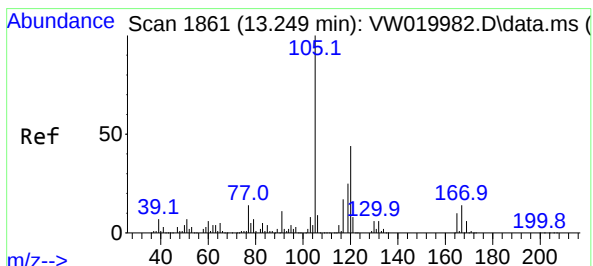
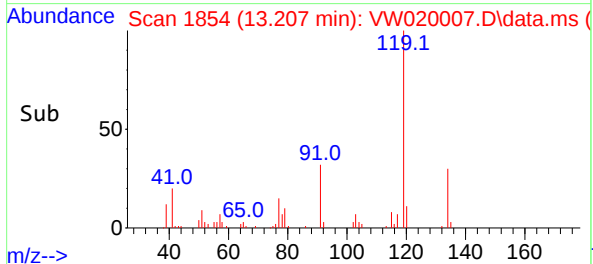
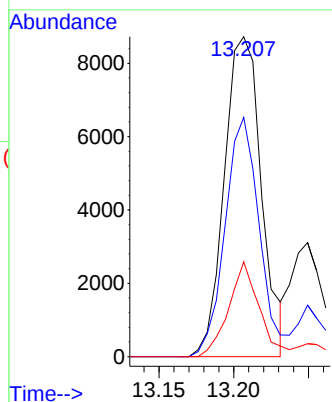
Instrument :
MSVOA_W
ClientSampleId :
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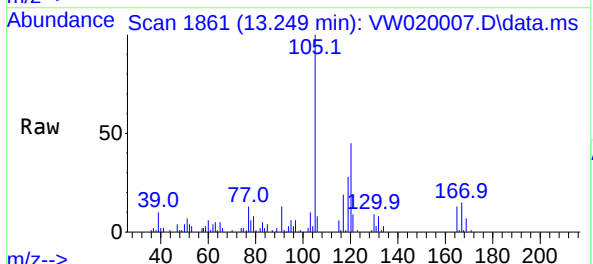
Tgt Ion:119 Resp: 15061
Ion Ratio Lower Upper
119 100
91 69.7 35.0 105.0
134 24.4 12.4 37.2

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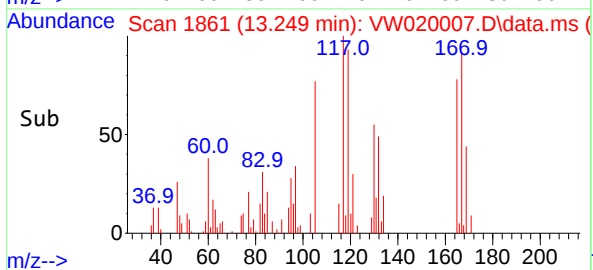
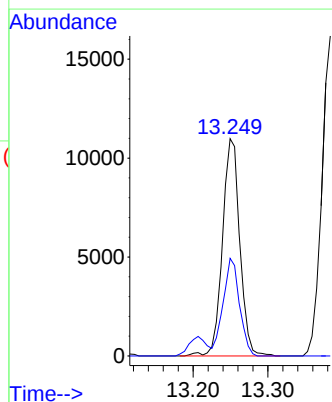
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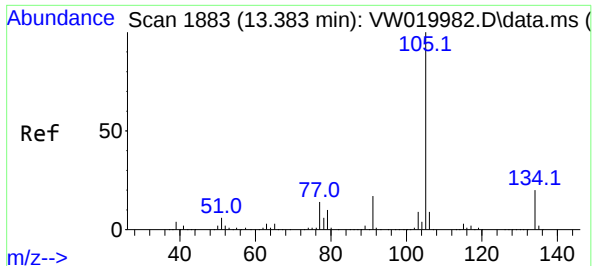


#84
1,2,4-Trimethylbenzene
Concen: 2.170 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW020007.D
Acq: 09 Sep 2021 17:38



Tgt Ion:105 Resp: 17738
Ion Ratio Lower Upper
105 100
120 42.5 21.4 64.3





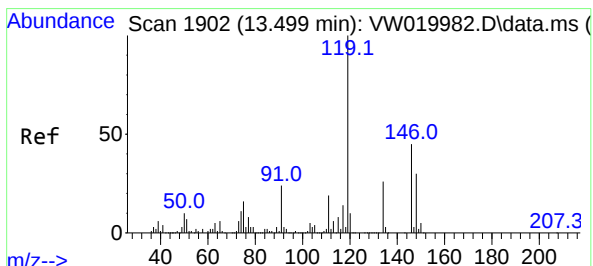
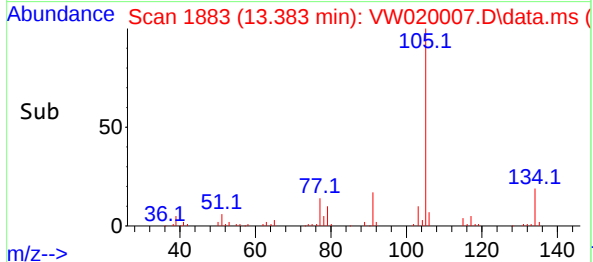
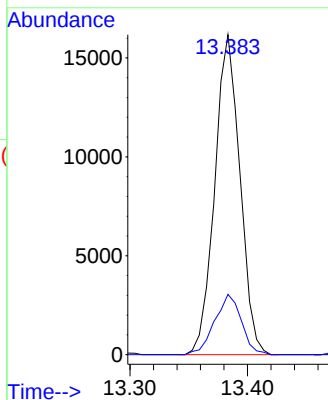
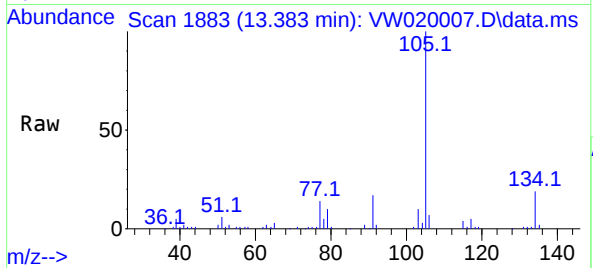
#85
sec-Butylbenzene
Concen: 2.271 ug/l
RT: 13.383 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VW020007.D
Acq: 09 Sep 2021 17:38

Instrument :
MSVOA_W
ClientSampleId :
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Tgt Ion:105 Resp: 24110
Ion Ratio Lower Upper
105 100
134 20.0 10.1 30.1

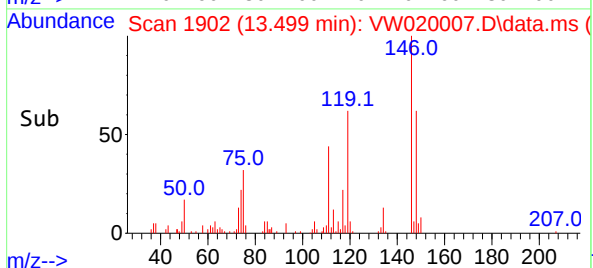
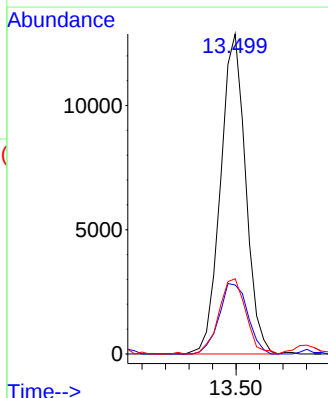
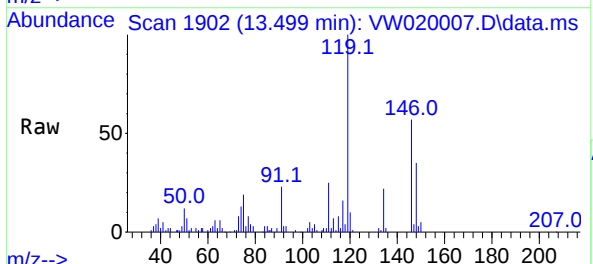
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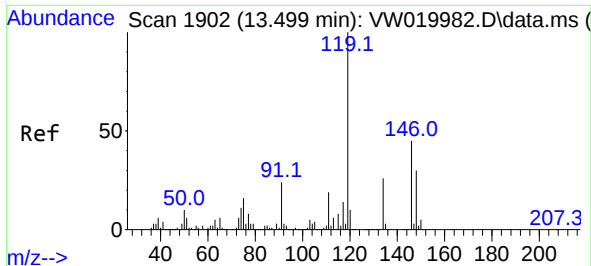
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#86
p-Isopropyltoluene
Concen: 2.131 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW020007.D
Acq: 09 Sep 2021 17:38

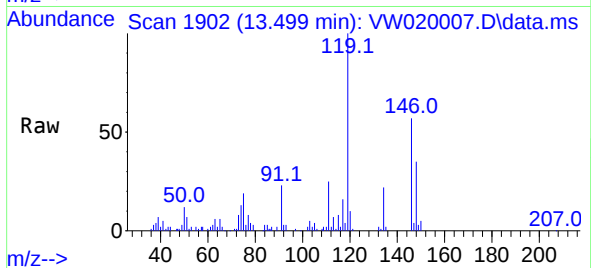
Tgt Ion:119 Resp: 19053
Ion Ratio Lower Upper
119 100
134 25.2 12.8 38.4
91 25.3 12.4 37.0





#87
1,3-Dichlorobenzene
Concen: 2.519 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW020007.D
Acq: 09 Sep 2021 17:38

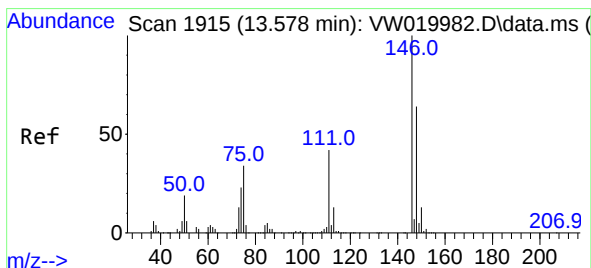
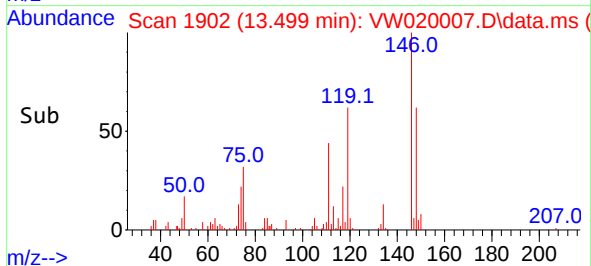
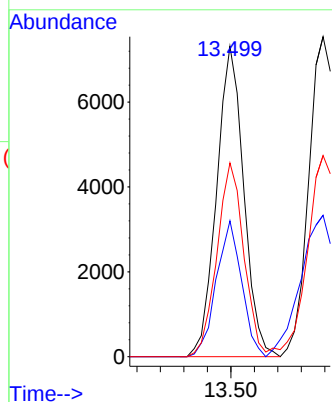
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT3-2021DL



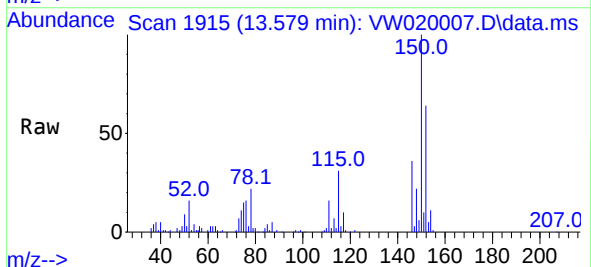
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.8	21.4	64.2
148	61.7	32.0	96.2

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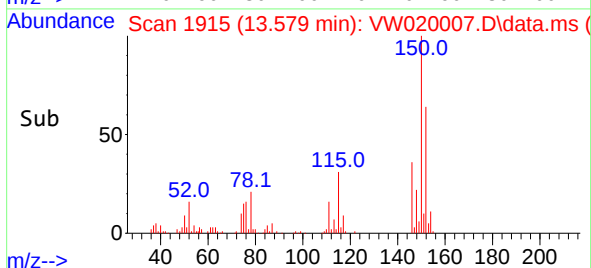
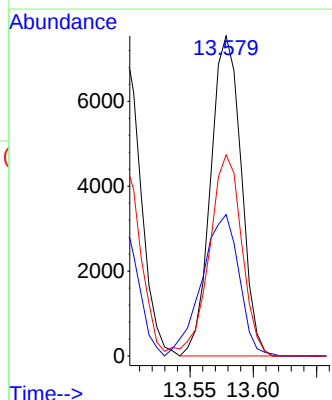
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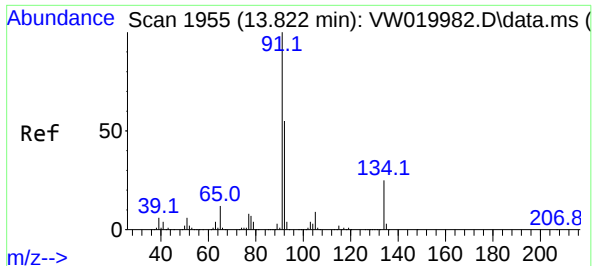


#88
1,4-Dichlorobenzene
Concen: 2.735 ug/l
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW020007.D
Acq: 09 Sep 2021 17:38



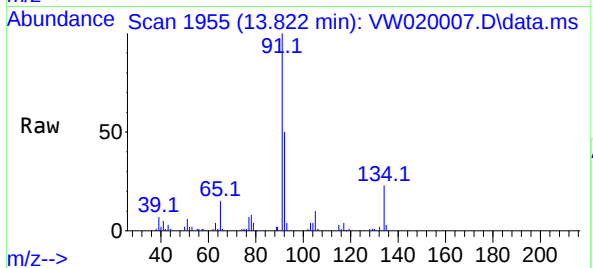
Tgt Ion	Ratio	Lower	Upper
146	100		
111	54.1	20.9	62.8
148	66.1	31.7	95.1





#89
n-Butylbenzene
Concen: 2.229 ug/l
RT: 13.822 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VW020007.D
Acq: 09 Sep 2021 17:38

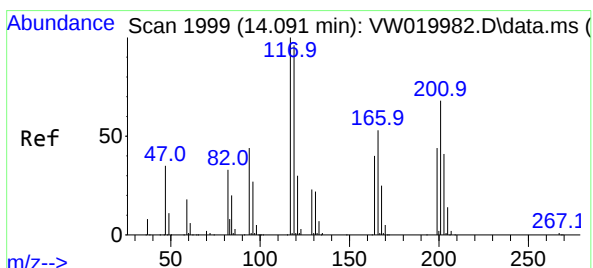
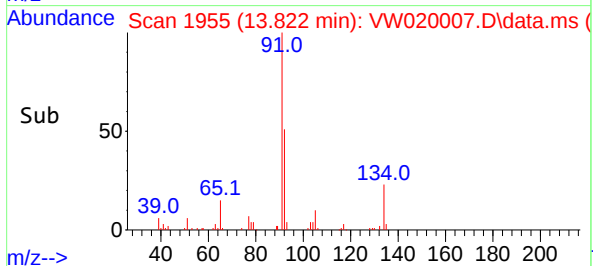
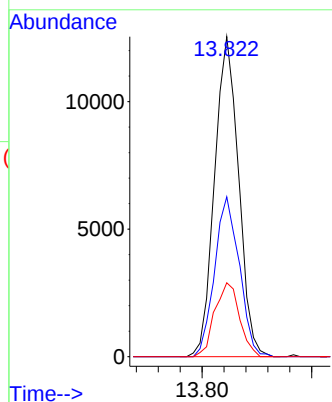
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT3-2021DL



Tgt Ion:	91	Resp:	19086
Ion	Ratio	Lower	Upper
91	100		
92	51.3	27.1	81.3
134	23.8	12.4	37.2

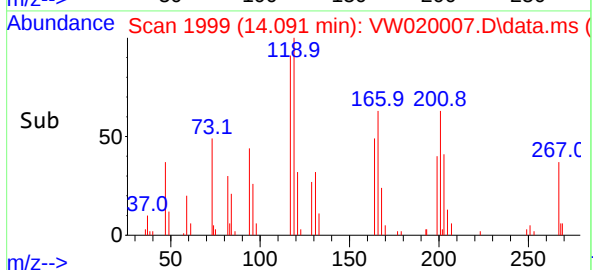
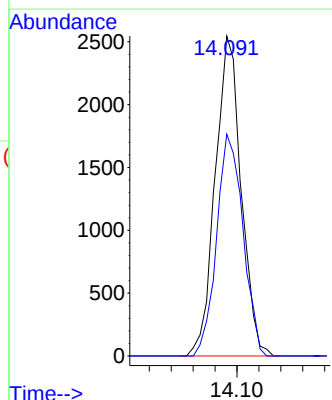
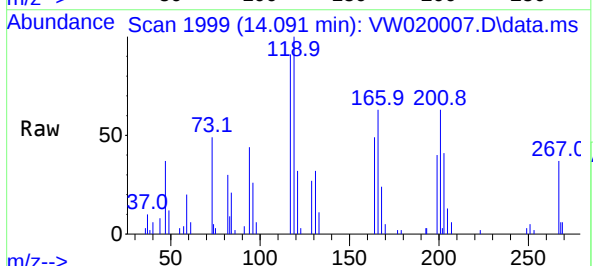
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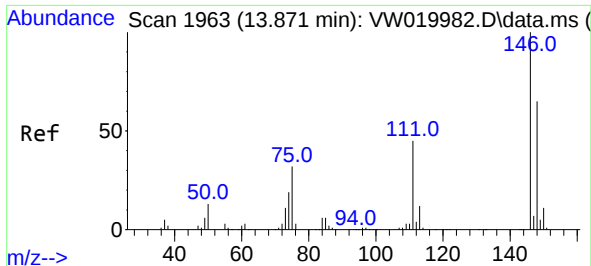
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#90
Hexachloroethane
Concen: 2.448 ug/l
RT: 14.091 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VW020007.D
Acq: 09 Sep 2021 17:38

Tgt Ion:	117	Resp:	4182
Ion	Ratio	Lower	Upper
117	100		
201	70.5	34.7	104.1





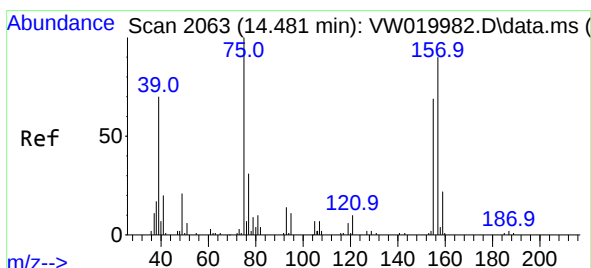
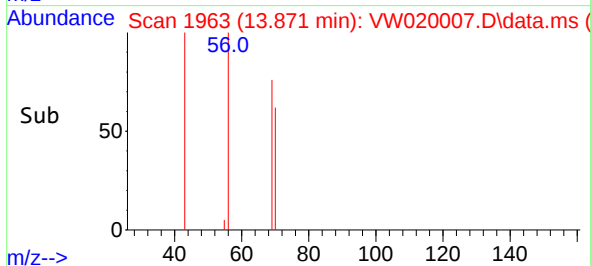
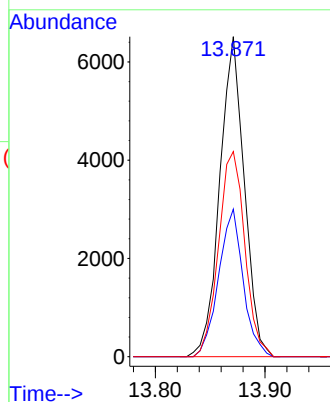
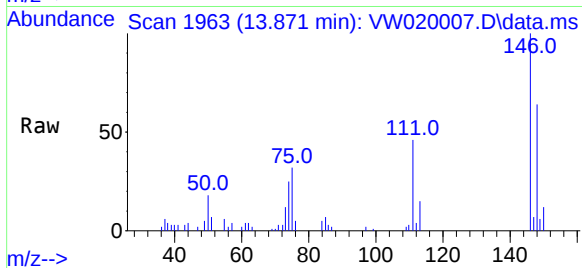
#91
1,2-Dichlorobenzene
Concen: 2.505 ug/l
RT: 13.871 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VW020007.D
Acq: 09 Sep 2021 17:38

Tgt Ion:	146	Resp:	10135
Ion	Ratio	Lower	Upper
146	100		
111	46.2	21.8	65.4
148	68.6	31.9	95.5

Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT3-2021DL

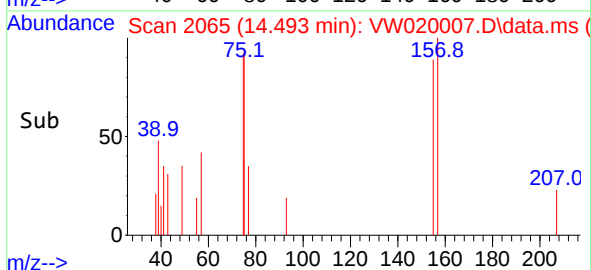
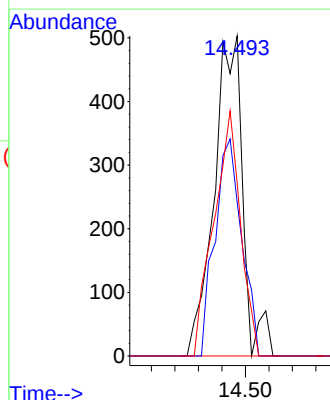
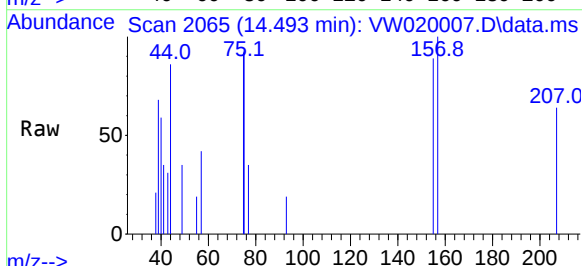
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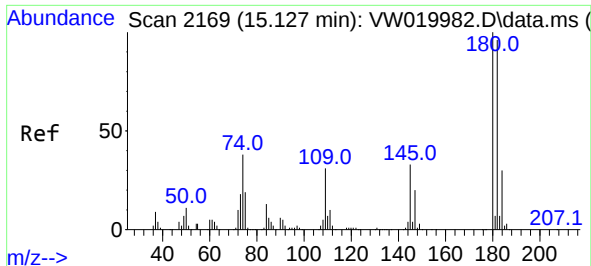
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#92
1,2-Dibromo-3-Chloropropane
Concen: 3.003 ug/l
RT: 14.493 min Scan# 2065
Delta R.T. 0.012 min
Lab File: VW020007.D
Acq: 09 Sep 2021 17:38

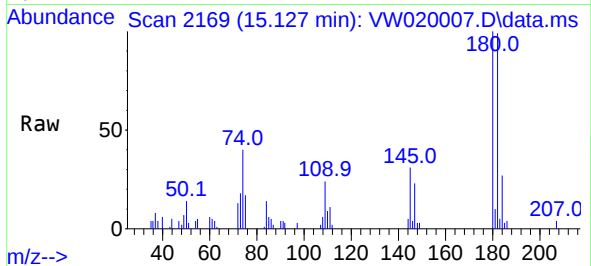
Tgt Ion:	75	Resp:	857
Ion	Ratio	Lower	Upper
75	100		
155	63.1	37.6	112.9
157	71.2	47.6	142.8





#93
1,2,4-Trichlorobenzene
Concen: 2.464 ug/l
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW020007.D
Acq: 09 Sep 2021 17:38

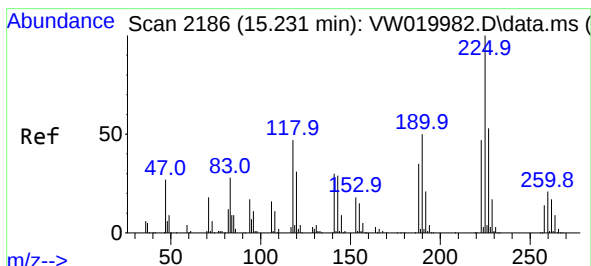
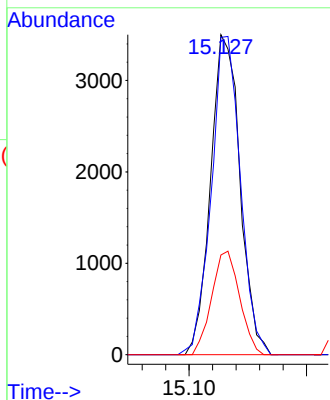
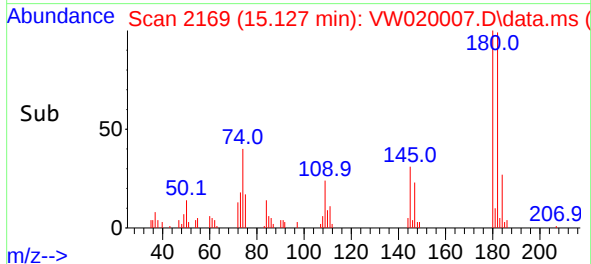
Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT3-2021DL



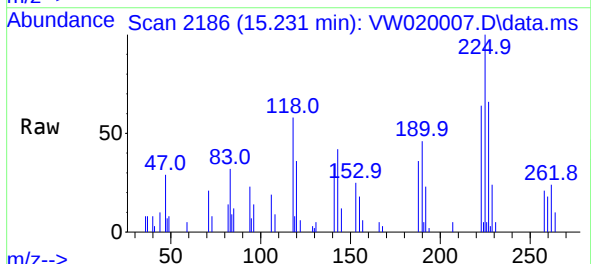
Tgt Ion:180 Resp: 6079
Ion Ratio Lower Upper
180 100
182 98.6 47.0 141.0
145 30.8 16.3 48.9

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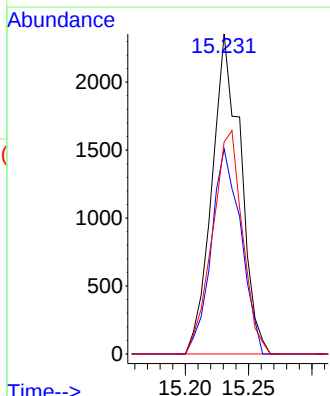
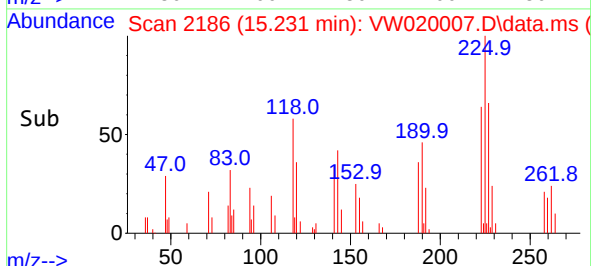
MMDadoda
9/10/2021 6:38:37 PM

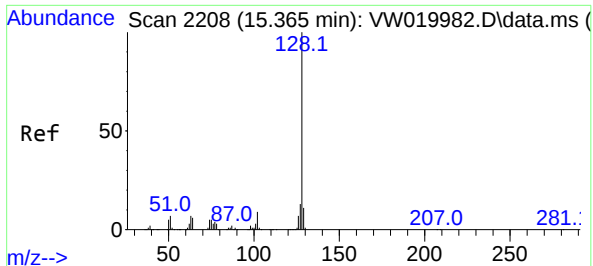


#94
Hexachlorobutadiene
Concen: 2.538 ug/l
RT: 15.231 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VW020007.D
Acq: 09 Sep 2021 17:38

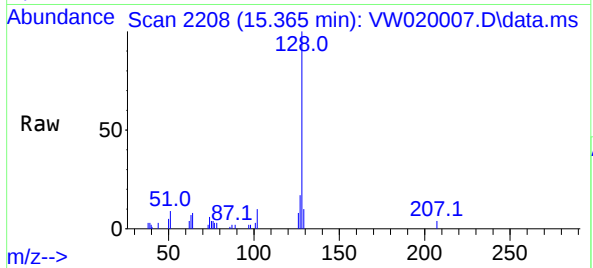


Tgt Ion:225 Resp: 3719
Ion Ratio Lower Upper
225 100
223 66.0 30.2 90.6
227 72.9 30.1 90.5

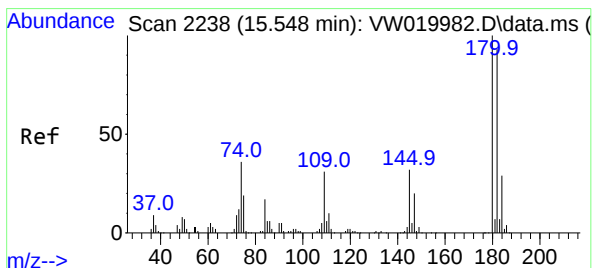
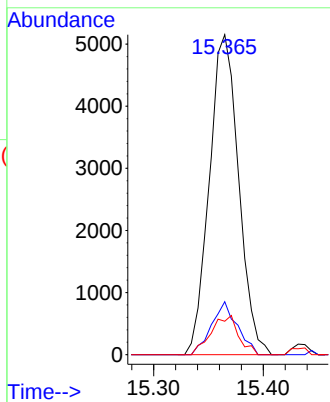
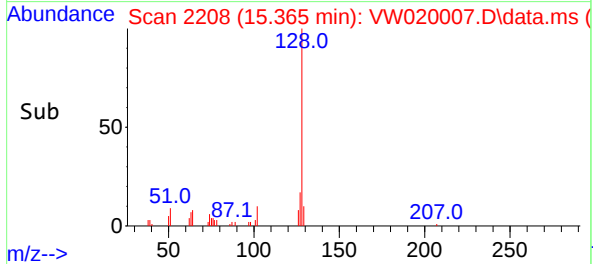




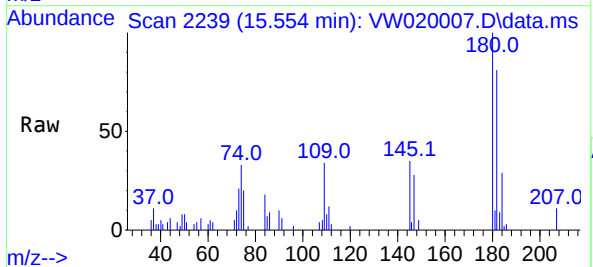
#95
Naphthalene
Concen: 2.242 ug/l
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW020007.D
Acq: 09 Sep 2021 17:38



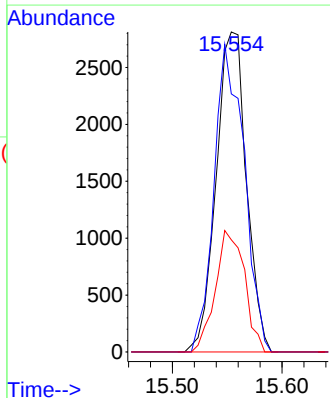
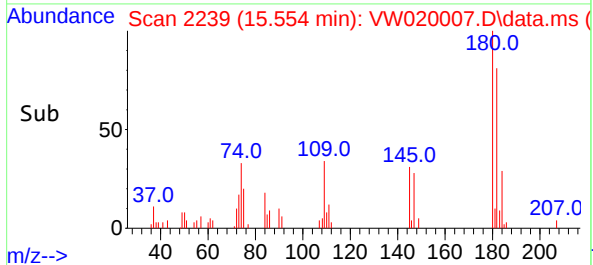
Tgt Ion:128 Resp: 9567
Ion Ratio Lower Upper
128 100
127 14.6 10.4 15.6
129 11.5 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 2.498 ug/l
RT: 15.554 min Scan# 2239
Delta R.T. 0.006 min
Lab File: VW020007.D
Acq: 09 Sep 2021 17:38



Tgt Ion:180 Resp: 5401
Ion Ratio Lower Upper
180 100
182 95.6 47.9 143.7
145 36.4 16.4 49.2



Instrument :
MSVOA_W
ClientSampleId :
MDL-SOIL-03-QT3-2021DL

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