

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051921\
 Data File : VW019030.D
 Acq On : 18 May 2021 21:06
 Operator : SY/VA
 Sample : M2262-01 4PPBLOD
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2021

Manual Integrations
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Quant Time: May 19 07:51:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W051921S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 07:50:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.946	168	385848	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	648483	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	594309	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	287250	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	229845	58.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.80%	
35) Dibromofluoromethane	7.885	113	206213	57.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.22%	
50) Toluene-d8	10.323	98	831529	58.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.02%	
62) 4-Bromofluorobenzene	12.615	95	290362	56.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.36%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.008	85	9436	3.63	ug/l	98
3) Chloromethane	2.209	50	12555	4.36	ug/l	100
4) Vinyl Chloride	2.367	62	15855	3.74	ug/l	99
5) Bromomethane	2.776	94	15082	4.25	ug/l	96
6) Chloroethane	2.928	64	11339	3.90	ug/l	90
7) Trichlorofluoromethane	3.257	101	7912	3.40	ug/l	93
8) Diethyl Ether	3.684	74	8528	4.21	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.062	101	14891	3.95	ug/l	99
10) Methyl Iodide	4.275	142	22714	4.11	ug/l	98
11) Tert butyl alcohol	5.166	59	8636	37.69	ug/l #	85
12) 1,1-Dichloroethene	4.044	96	15514	4.04	ug/l	96
13) Acrolein	3.904	56	5352	20.59	ug/l	98
14) Allyl chloride	4.672	41	19833	3.97	ug/l	97
15) Acrylonitrile	5.373	53	15164	19.96	ug/l	98
16) Acetone	4.129	43	15497	25.05	ug/l	95
17) Carbon Disulfide	4.385	76	39170	3.73	ug/l	99
18) Methyl Acetate	4.672	43	8470	4.65	ug/l	98
19) Methyl tert-butyl Ether	5.422	73	20710	4.29	ug/l #	89
20) Methylene Chloride	4.916	84	43050	7.76	ug/l	98
21) trans-1,2-Dichloroethene	5.422	96	18919	4.31	ug/l	88
22) Diisopropyl ether	6.312	45	41669	4.10	ug/l	97
23) Vinyl Acetate	6.257	43	125391	18.32	ug/l	99
24) 1,1-Dichloroethane	6.214	63	32917	4.18	ug/l	97
25) 2-Butanone	7.177	43	22112	21.76	ug/l	94
26) 2,2-Dichloropropane	7.165	77	18982	4.47	ug/l	92
27) cis-1,2-Dichloroethene	7.171	96	20750	4.26	ug/l	97
28) Bromochloromethane	7.513	49	13786	4.30	ug/l	98
29) Tetrahydrofuran	7.531	42	12315	20.72	ug/l	97
30) Chloroform	7.677	83	34136	4.26	ug/l	97
31) Cyclohexane	7.952	56	32673	4.96	ug/l #	68
32) 1,1,1-Trichloroethane	7.872	97	24674	4.15	ug/l	97
36) 1,1-Dichloropropene	8.080	75	26388	4.09	ug/l	100
37) Ethyl Acetate	7.257	43	11654	4.66	ug/l	98
38) Carbon Tetrachloride	8.067	117	22298	3.92	ug/l	94
39) Methylcyclohexane	9.335	83	28041	3.92	ug/l	99
40) Benzene	8.323	78	77437	4.29	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.488	41	4722	3.46	ug/l	90
42) 1,2-Dichloroethane	8.403	62	23417	4.38	ug/l	98
43) Isopropyl Acetate	8.427	43	18330	3.93	ug/l	98
44) Trichloroethene	9.092	130	19631	4.22	ug/l	96
45) 1,2-Dichloropropane	9.372	63	18383	4.21	ug/l	99
46) Dibromomethane	9.464	93	9667	4.08	ug/l	99
47) Bromodichloromethane	9.646	83	23419	3.97	ug/l	98
48) Methyl methacrylate	9.439	41	8130	3.80	ug/l	99
49) 1,4-Dioxane	9.451	88	2276	84.22	ug/l #	95
51) 4-Methyl-2-Pentanone	10.207	43	49239	20.40	ug/l	100
52) Toluene	10.390	92	48519	4.24	ug/l	99
53) t-1,3-Dichloropropene	10.610	75	21595	3.73	ug/l	97
54) cis-1,3-Dichloropropene	10.073	75	26033	3.77	ug/l	98
55) 1,1,2-Trichloroethane	10.786	97	13414	4.09	ug/l	96
56) Ethyl methacrylate	10.646	69	15046	3.66	ug/l	99
57) 1,3-Dichloropropane	10.933	76	23860	4.07	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.927	63	39173	18.40	ug/l	100
59) 2-Hexanone	10.969	43	30090	18.75	ug/l	100
60) Dibromochloromethane	11.128	129	13667	3.73	ug/l	98
61) 1,2-Dibromoethane	11.238	107	12654	4.01	ug/l	97
64) Tetrachloroethene	10.866	164	16271	4.21	ug/l	94
65) Chlorobenzene	11.658	112	49524	4.10	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.731	131	16086	3.90	ug/l	99
67) Ethyl Benzene	11.731	91	89973	4.02	ug/l	100
68) m/p-Xylenes	11.841	106	68072	8.10	ug/l	99
69) o-Xylene	12.170	106	31474	4.02	ug/l	99
70) Styrene	12.183	104	50037	3.76	ug/l	99
71) Bromoform	12.347	173	7238	3.49	ug/l #	98
73) Isopropylbenzene	12.463	105	85526	4.06	ug/l	98
74) N-amyl acetate	12.274	43	16067	3.70	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.713	83	15396	4.09	ug/l	98
76) 1,2,3-Trichloropropane	12.768	75	10862m	4.00	ug/l	
77) Bromobenzene	12.743	156	18727	4.03	ug/l	91
78) n-propylbenzene	12.804	91	105337	4.09	ug/l	100
79) 2-Chlorotoluene	12.890	91	60558	4.13	ug/l	98
80) 1,3,5-Trimethylbenzene	12.945	105	72360	4.05	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.518	75	3774m	3.39	ug/l	
82) 4-Chlorotoluene	12.987	91	64166	4.12	ug/l	100
83) tert-Butylbenzene	13.207	119	59372	3.94	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	72530	4.09	ug/l	97
85) sec-Butylbenzene	13.384	105	89733	4.02	ug/l	99
86) p-Isopropyltoluene	13.499	119	76680	3.96	ug/l	100
87) 1,3-Dichlorobenzene	13.499	146	39463	4.16	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	38482	4.12	ug/l	90
89) n-Butylbenzene	13.823	91	75500	3.97	ug/l	99
90) Hexachloroethane	14.091	117	11510	3.79	ug/l	98
91) 1,2-Dichlorobenzene	13.871	146	35189	4.20	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.487	75	2441	4.06	ug/l	95
93) 1,2,4-Trichlorobenzene	15.127	180	23649	4.21	ug/l	98
94) Hexachlorobutadiene	15.231	225	13266	4.09	ug/l	93
95) Naphthalene	15.365	128	39627	3.87	ug/l	98
96) 1,2,3-Trichlorobenzene	15.554	180	20672	4.25	ug/l	95

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

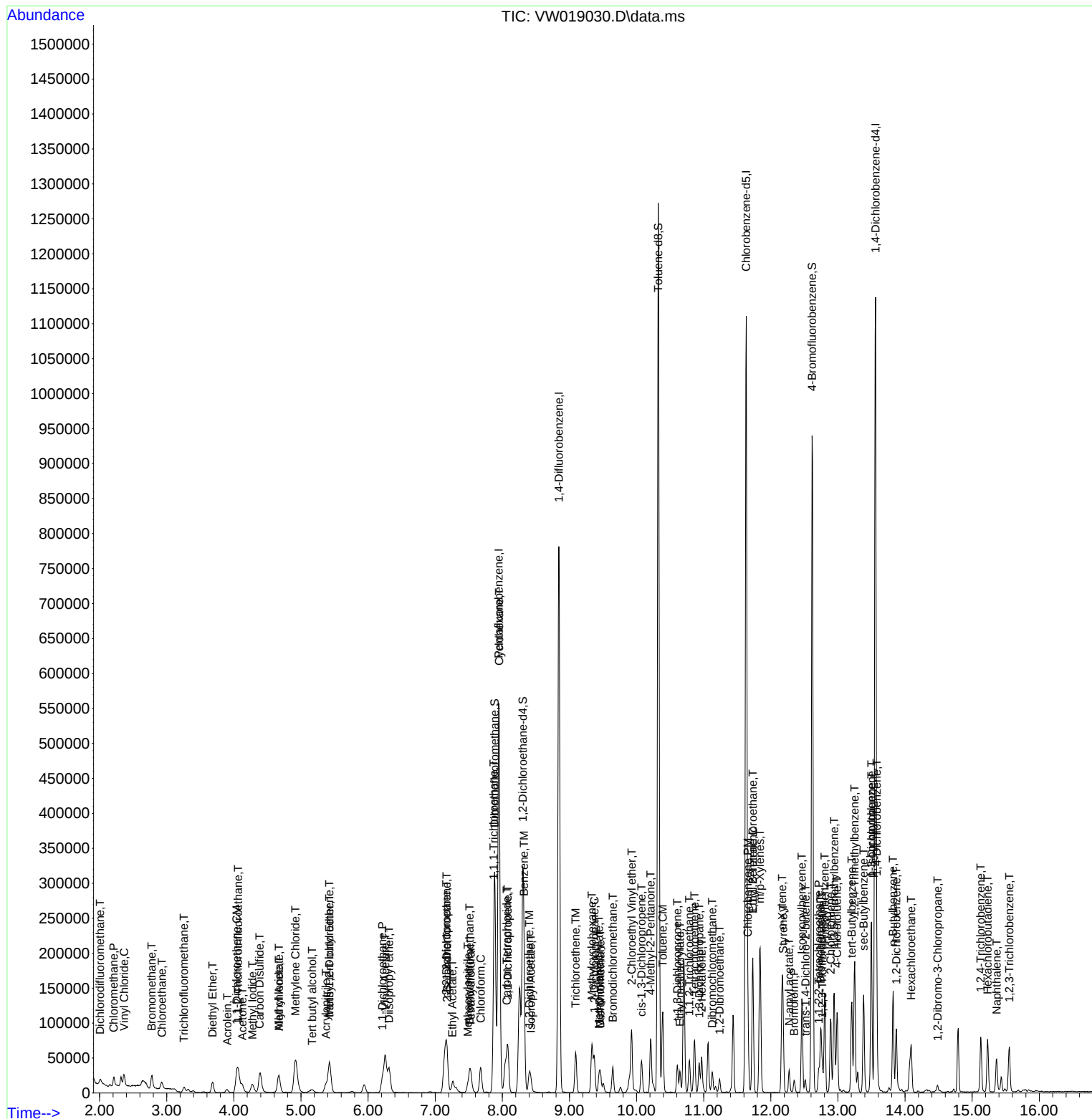
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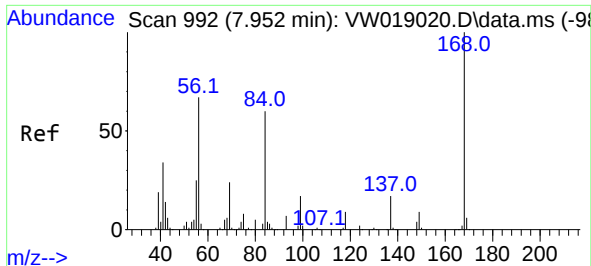
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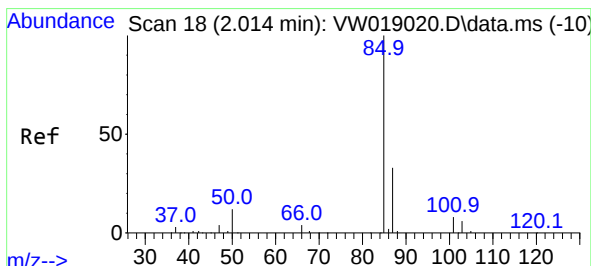
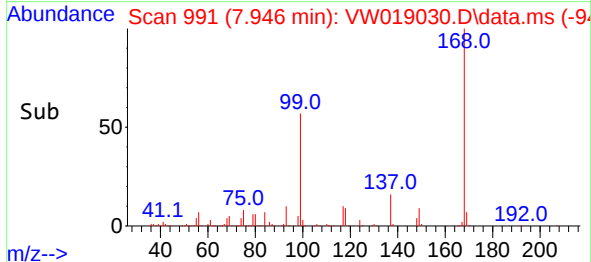
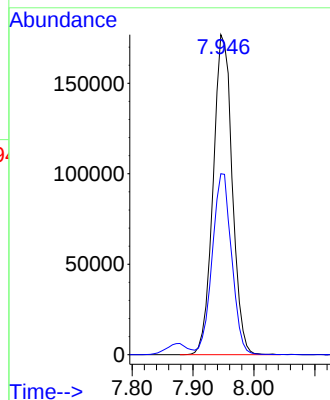
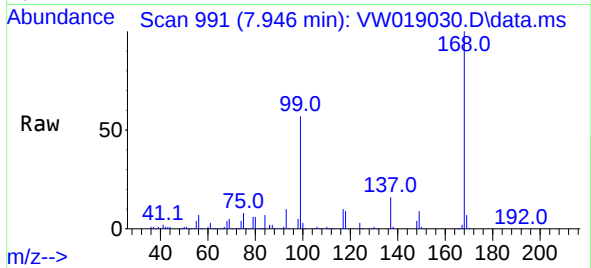
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.946 min Scan# 991
Delta R.T. -0.006 min
Lab File: VW019030.D
Acq: 18 May 2021 21:06

Tgt Ion:168 Resp: 385848
Ion Ratio Lower Upper
168 100
99 56.5 48.8 73.2

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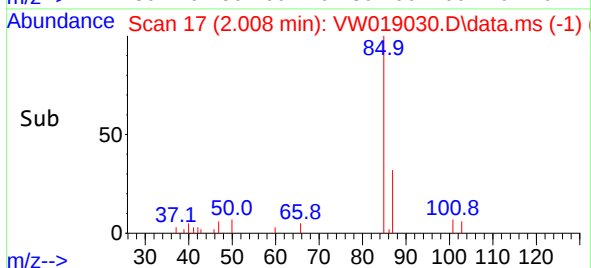
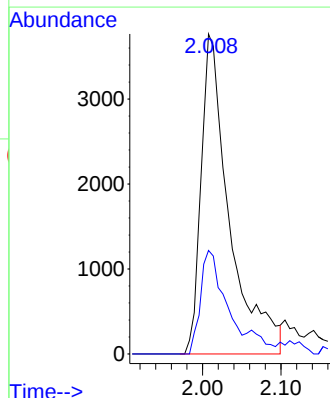
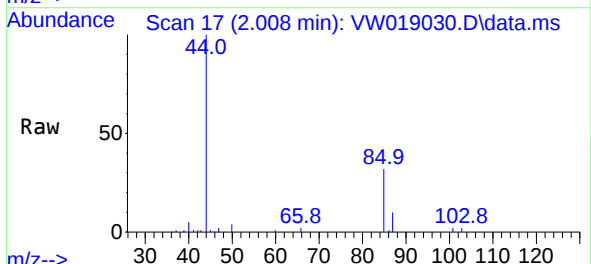
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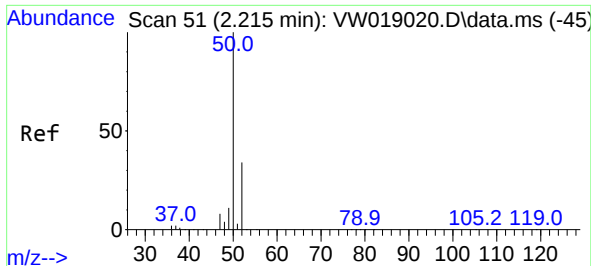
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#2
Dichlorodifluoromethane
Concen: 3.63 ug/l
RT: 2.008 min Scan# 17
Delta R.T. -0.006 min
Lab File: VW019030.D
Acq: 18 May 2021 21:06

Tgt Ion: 85 Resp: 9436
Ion Ratio Lower Upper
85 100
87 32.3 16.7 50.0





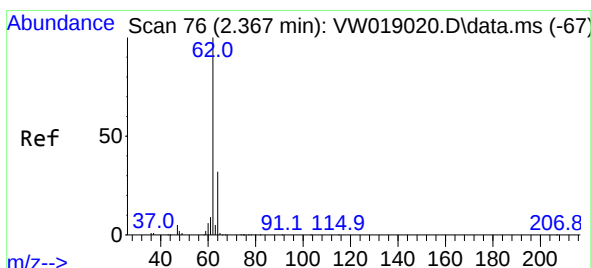
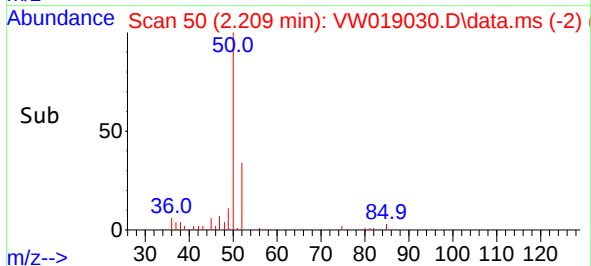
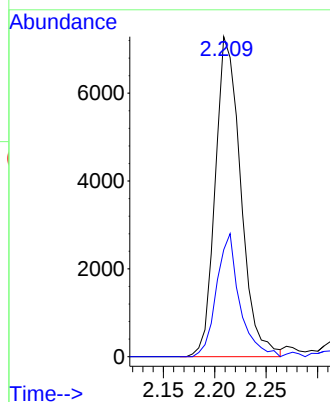
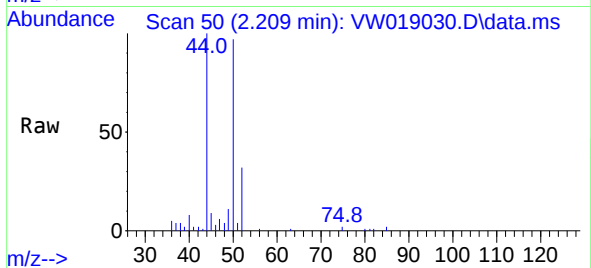
#3
Chloromethane
Concen: 4.36 ug/l
RT: 2.209 min Scan# 50
Delta R.T. -0.006 min
Lab File: VW019030.D
Acq: 18 May 2021 21:06

Tgt Ion: 50 Resp: 12555
Ion Ratio Lower Upper
50 100
52 33.4 26.9 40.3

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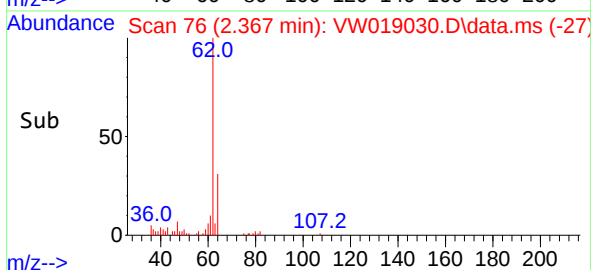
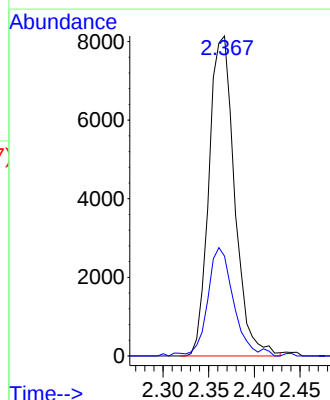
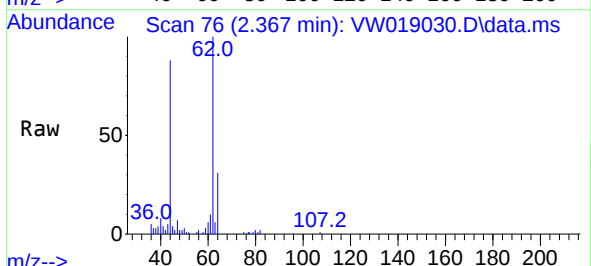
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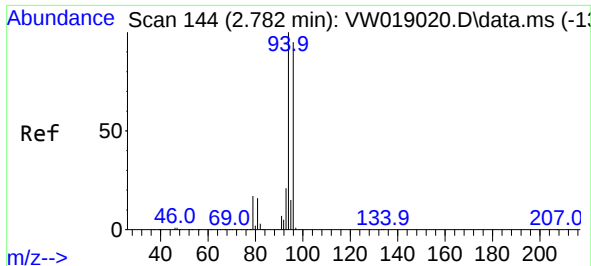
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#4
Vinyl Chloride
Concen: 3.74 ug/l
RT: 2.367 min Scan# 76
Delta R.T. -0.000 min
Lab File: VW019030.D
Acq: 18 May 2021 21:06

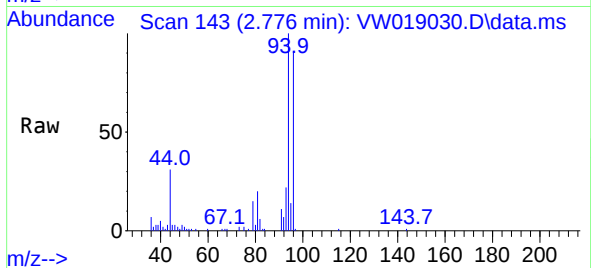
Tgt Ion: 62 Resp: 15855
Ion Ratio Lower Upper
62 100
64 31.2 25.3 37.9





#5
Bromomethane
Concen: 4.25 ug/l
RT: 2.776 min Scan# 143
Delta R.T. -0.006 min
Lab File: VW019030.D
Acq: 18 May 2021 21:06

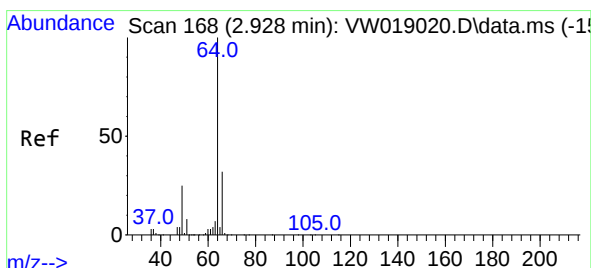
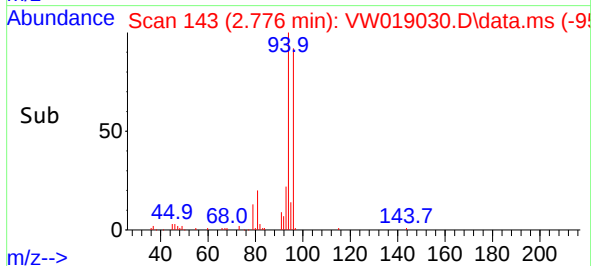
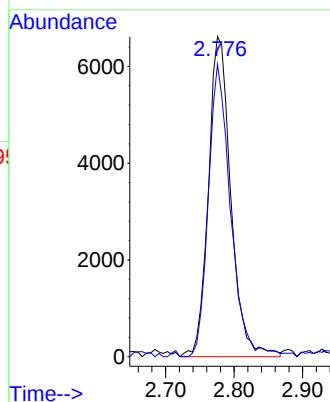
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Tgt Ion: 94 Resp: 15082
Ion Ratio Lower Upper
94 100
96 91.4 76.4 114.6

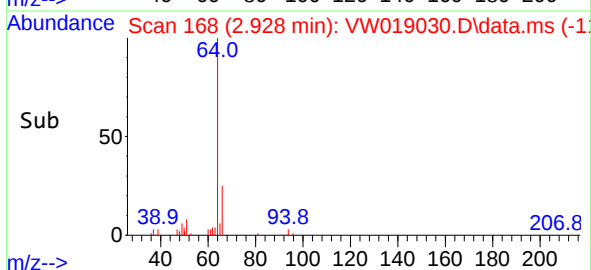
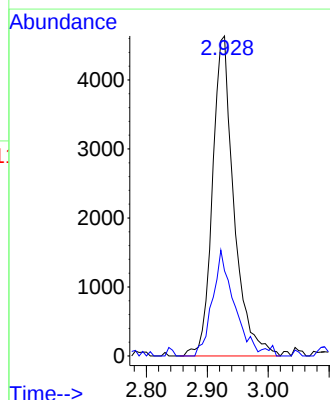
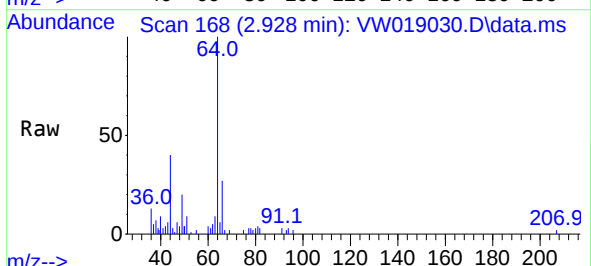
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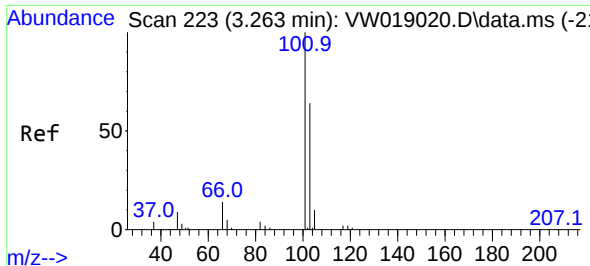
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#6
Chloroethane
Concen: 3.90 ug/l
RT: 2.928 min Scan# 168
Delta R.T. -0.000 min
Lab File: VW019030.D
Acq: 18 May 2021 21:06

Tgt Ion: 64 Resp: 11339
Ion Ratio Lower Upper
64 100
66 26.6 25.9 38.9





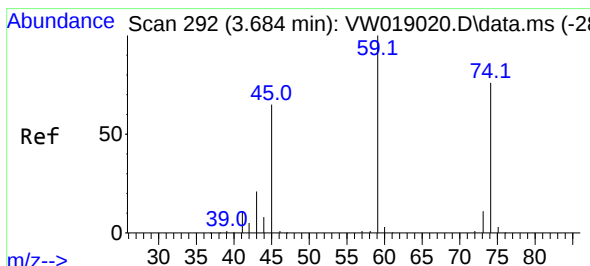
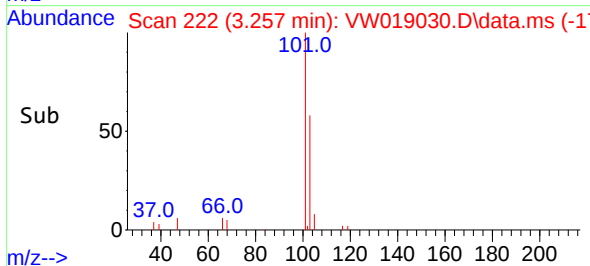
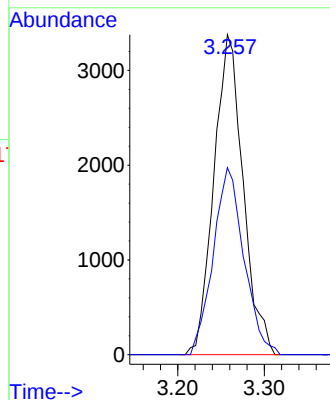
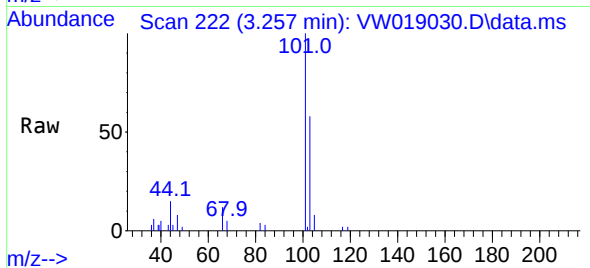
#7
Trichlorofluoromethane
Concen: 3.40 ug/l
RT: 3.257 min Scan# 222
Delta R.T. -0.006 min
Lab File: VW019030.D
Acq: 18 May 2021 21:06

Tgt Ion:101 Resp: 7912
Ion Ratio Lower Upper
101 100
103 58.5 51.4 77.2

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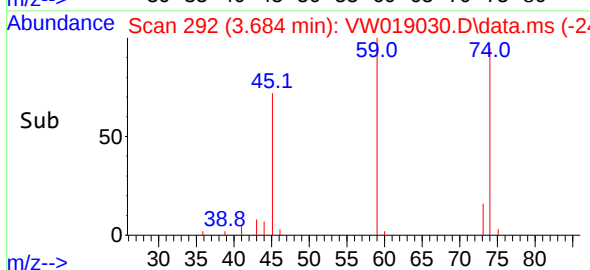
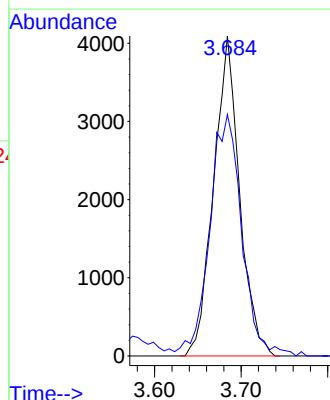
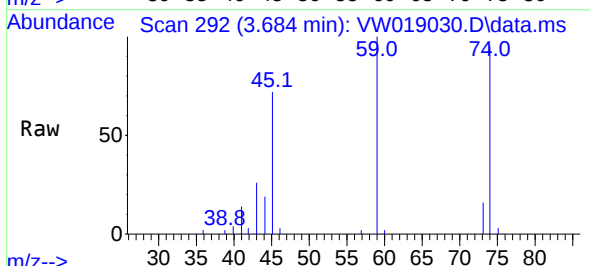
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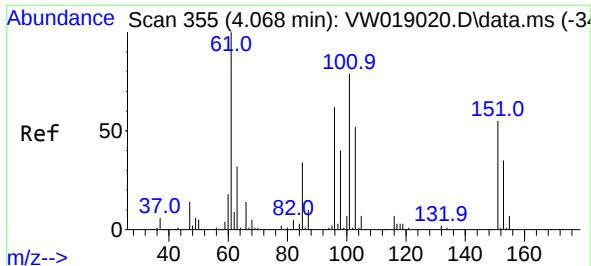
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#8
Diethyl Ether
Concen: 4.21 ug/l
RT: 3.684 min Scan# 292
Delta R.T. -0.000 min
Lab File: VW019030.D
Acq: 18 May 2021 21:06

Tgt Ion: 74 Resp: 8528
Ion Ratio Lower Upper
74 100
45 93.1 43.3 129.8





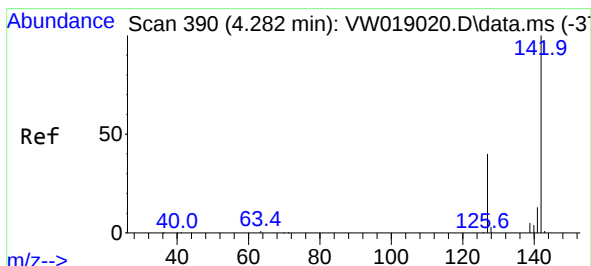
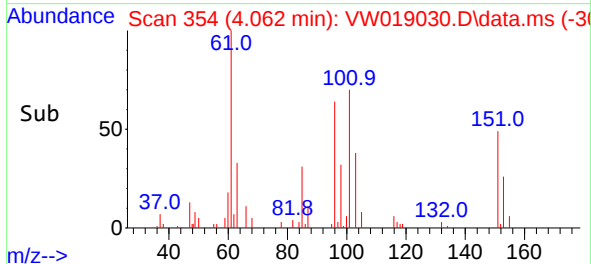
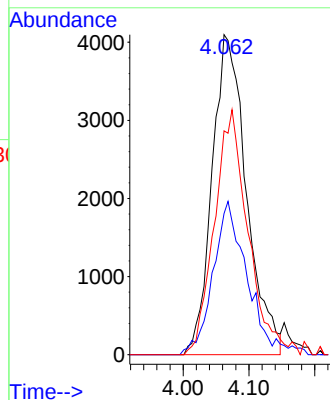
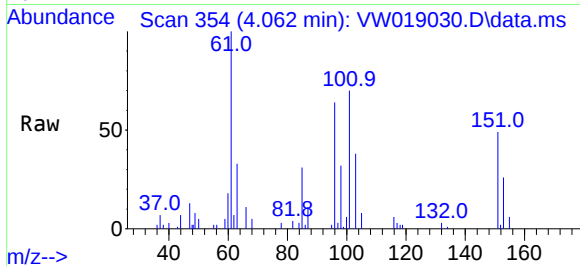
#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.95 ug/l
RT: 4.062 min Scan# 354
Delta R.T. -0.006 min
Lab File: VW019030.D
Acq: 18 May 2021 21:06

Tgt Ion:	101	Resp:	14891
Ion	Ratio	Lower	Upper
101	100		
85	45.7	35.9	53.9
151	75.1	59.8	89.6

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

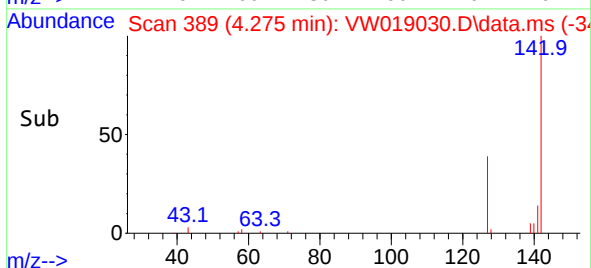
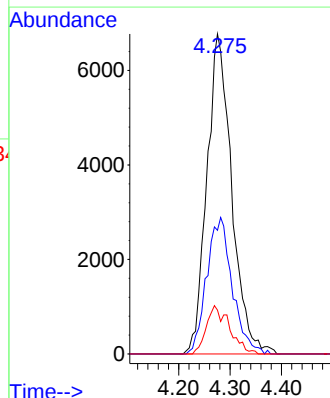
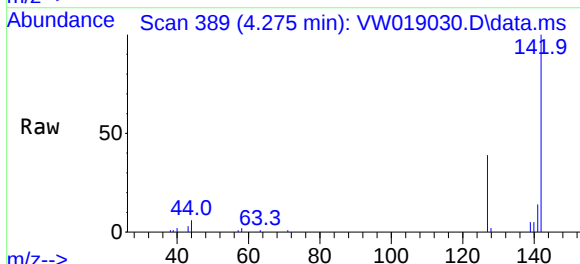
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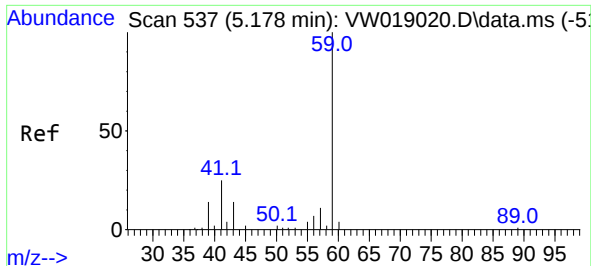
MMDadoda
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#10
Methyl Iodide
Concen: 4.11 ug/l
RT: 4.275 min Scan# 389
Delta R.T. -0.006 min
Lab File: VW019030.D
Acq: 18 May 2021 21:06

Tgt Ion:	142	Resp:	22714
Ion	Ratio	Lower	Upper
142	100		
127	43.9	33.7	50.5
141	14.1	11.2	16.8

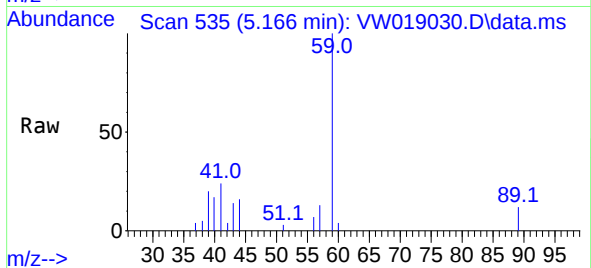




#11

Tert butyl alcohol
Concen: 37.69 ug/l
RT: 5.166 min Scan# 535
Delta R.T. -0.012 min
Lab File: VW019030.D
Acq: 18 May 2021 21:06

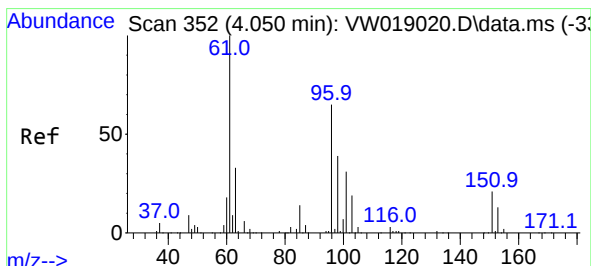
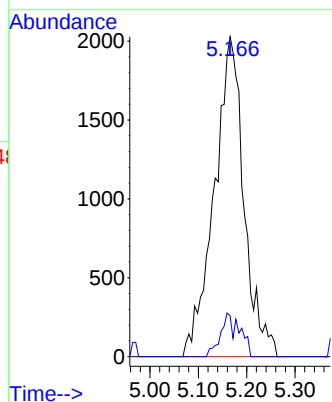
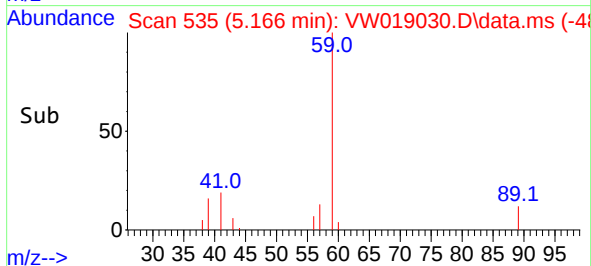
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



Tgt Ion: 59 Resp: 8636
Ion Ratio Lower Upper
59 100
57 5.3 8.9 13.3#

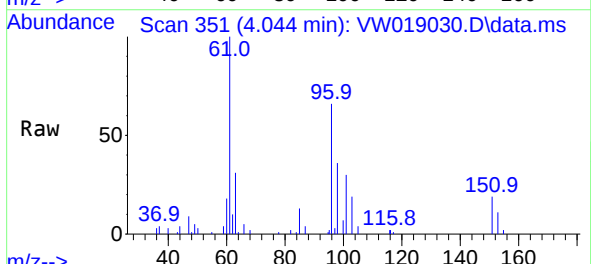
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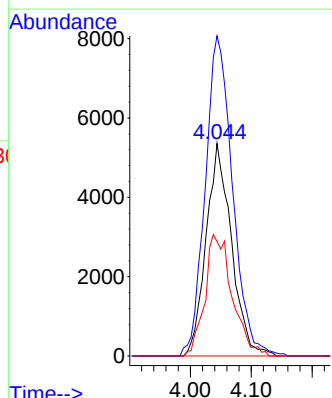
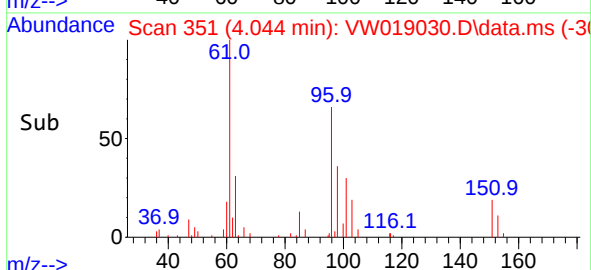


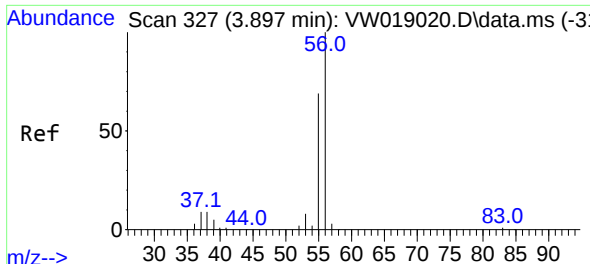
#12

1,1-Dichloroethene
Concen: 4.04 ug/l
RT: 4.044 min Scan# 351
Delta R.T. -0.006 min
Lab File: VW019030.D
Acq: 18 May 2021 21:06



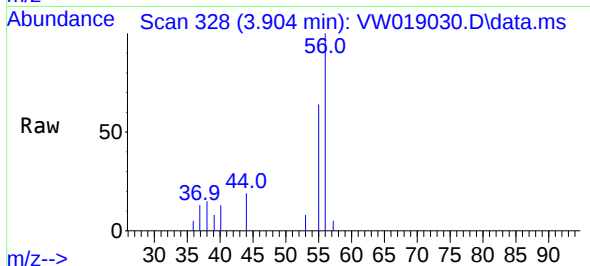
Tgt Ion: 96 Resp: 15514
Ion Ratio Lower Upper
96 100
61 150.6 123.0 184.4
98 53.9 47.5 71.3





#13
Acrolein
Concen: 20.59 ug/l
RT: 3.904 min Scan# 328
Delta R.T. 0.006 min
Lab File: VW019030.D
Acq: 18 May 2021 21:06

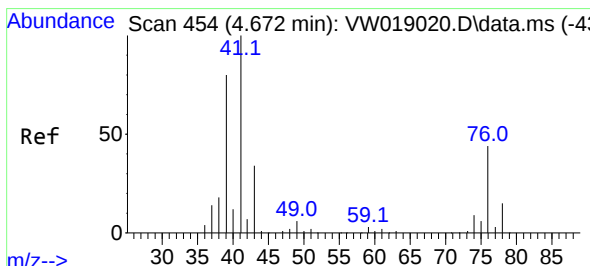
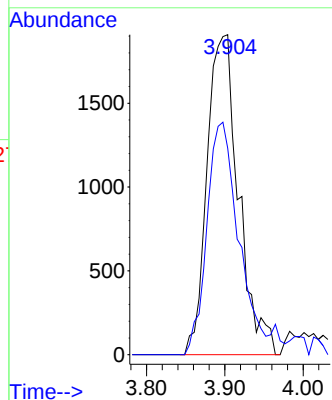
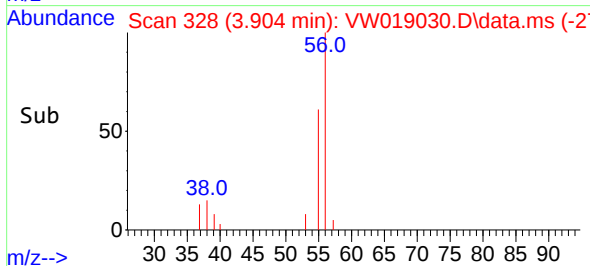
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



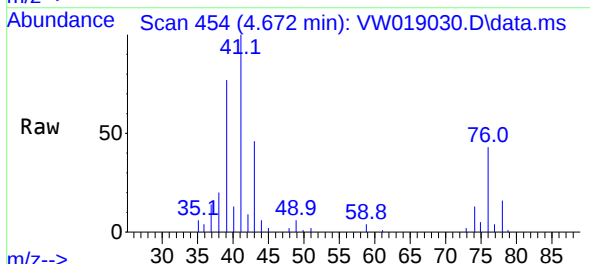
Tgt Ion: 56 Resp: 5352
Ion Ratio Lower Upper
56 100
55 72.7 56.7 85.1

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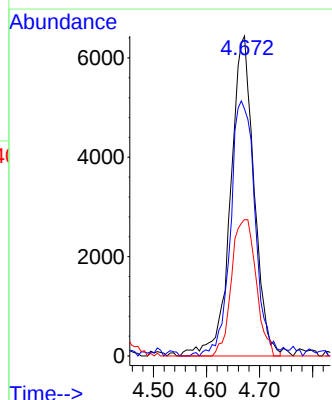
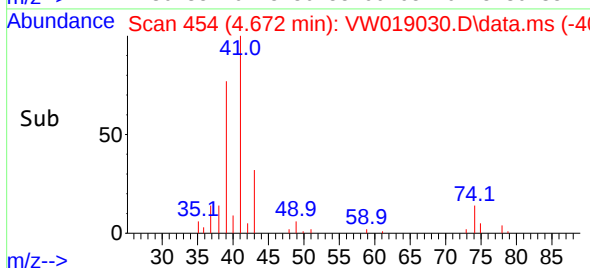
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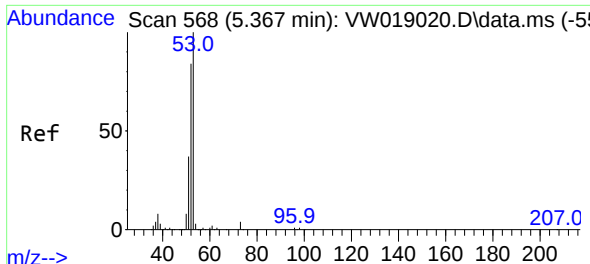


#14
Allyl chloride
Concen: 3.97 ug/l
RT: 4.672 min Scan# 454
Delta R.T. -0.000 min
Lab File: VW019030.D
Acq: 18 May 2021 21:06



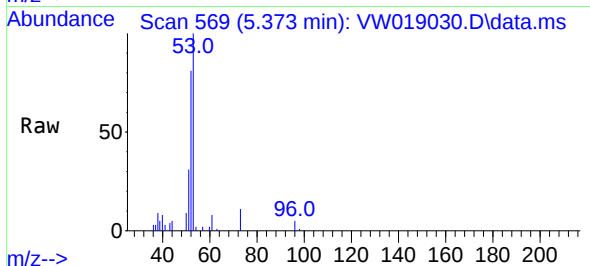
Tgt Ion: 41 Resp: 19833
Ion Ratio Lower Upper
41 100
39 83.2 63.9 95.9
76 44.4 35.1 52.7





#15
Acrylonitrile
Concen: 19.96 ug/l
RT: 5.373 min Scan# 569
Delta R.T. 0.006 min
Lab File: VW019030.D
Acq: 18 May 2021 21:06

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

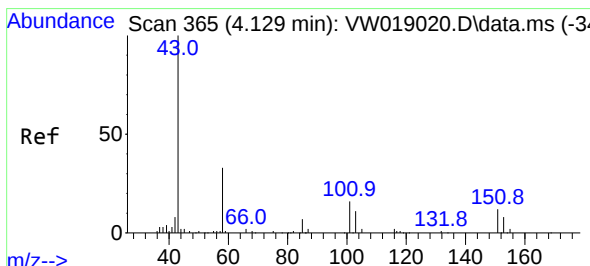
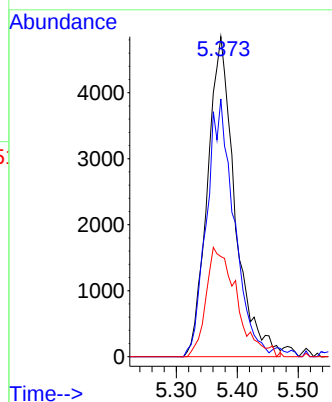


Tgt Ion: 53 Resp: 15164

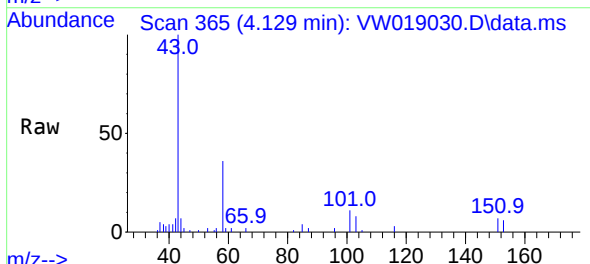
Ion	Ratio	Lower	Upper
53	100		
52	81.1	66.5	99.7
51	38.2	29.8	44.8

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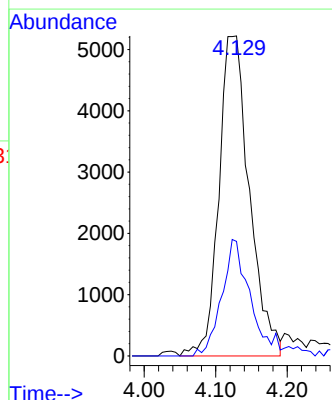
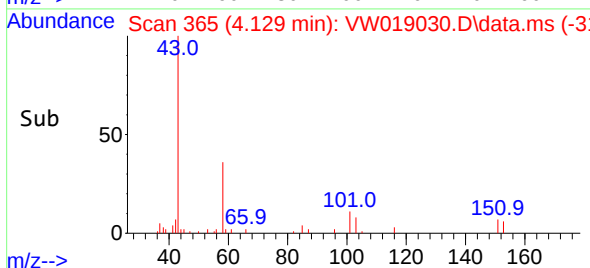


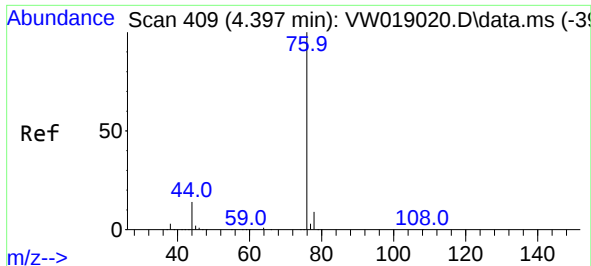
#16
Acetone
Concen: 25.05 ug/l
RT: 4.129 min Scan# 365
Delta R.T. -0.000 min
Lab File: VW019030.D
Acq: 18 May 2021 21:06



Tgt Ion: 43 Resp: 15497

Ion	Ratio	Lower	Upper
43	100		
58	35.8	26.4	39.6





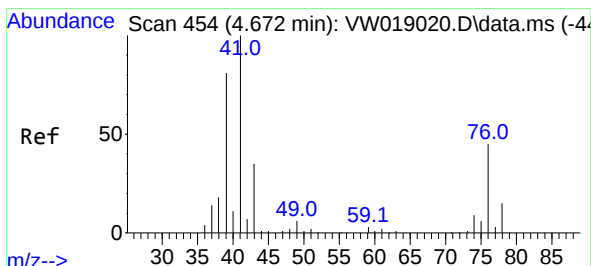
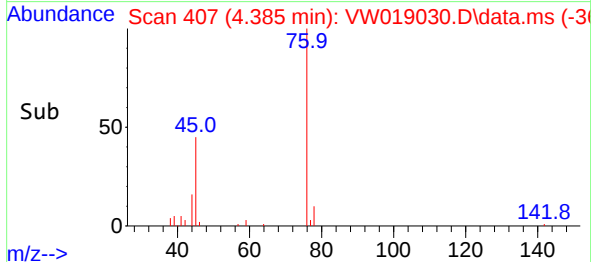
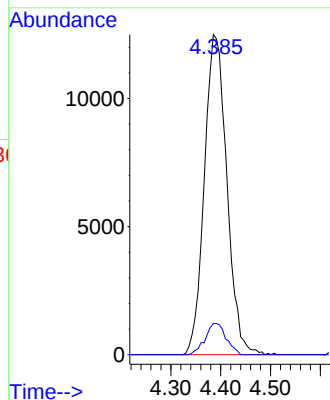
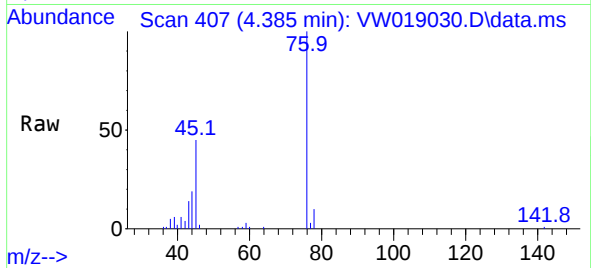
#17
Carbon Disulfide
Concen: 3.73 ug/l
RT: 4.385 min Scan# 407
Delta R.T. -0.012 min
Lab File: VW019030.D
Acq: 18 May 2021 21:06

Tgt Ion: 76 Resp: 39170
Ion Ratio Lower Upper
76 100
78 9.7 7.4 11.2

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

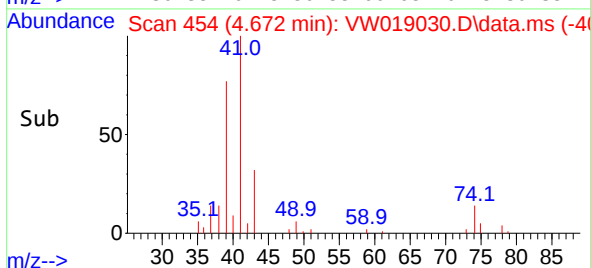
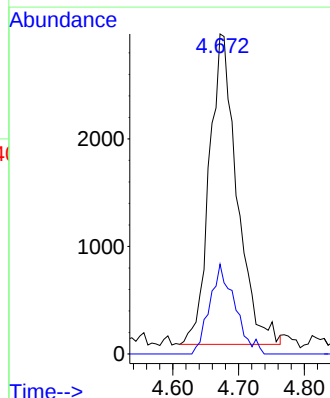
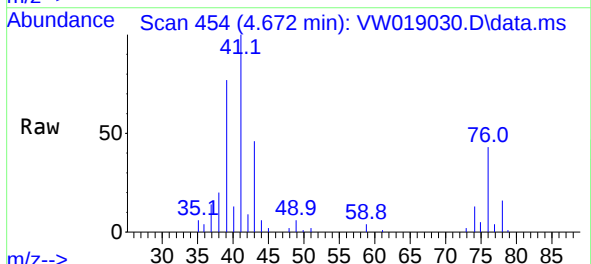
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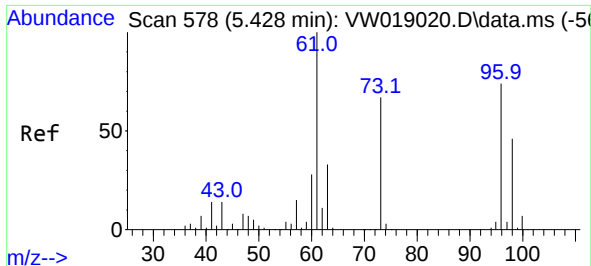
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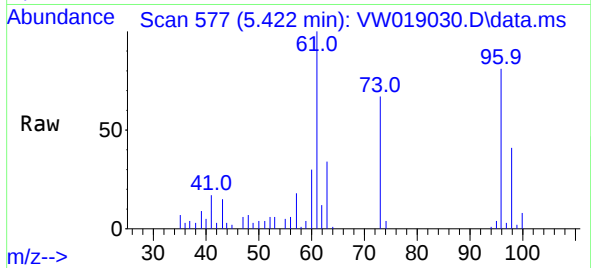
#18
Methyl Acetate
Concen: 4.65 ug/l
RT: 4.672 min Scan# 454
Delta R.T. -0.000 min
Lab File: VW019030.D
Acq: 18 May 2021 21:06

Tgt Ion: 43 Resp: 8470
Ion Ratio Lower Upper
43 100
74 26.4 21.8 32.8

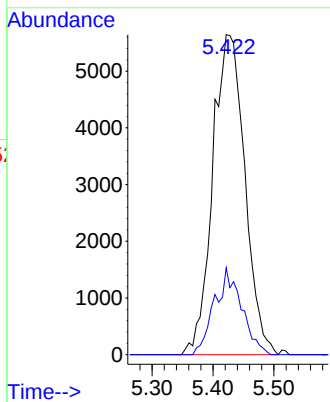
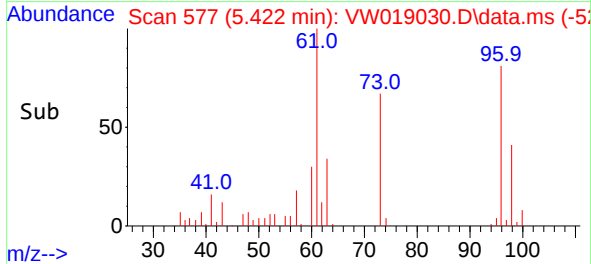




#19
Methyl tert-butyl Ether
Concen: 4.29 ug/l
RT: 5.422 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW019030.D
Acq: 18 May 2021 21:06



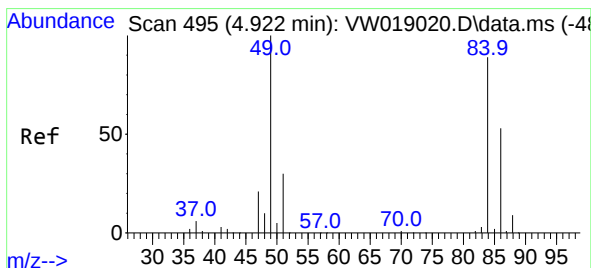
Tgt Ion: 73 Resp: 20710
Ion Ratio Lower Upper
73 100
57 27.1 17.4 26.0#



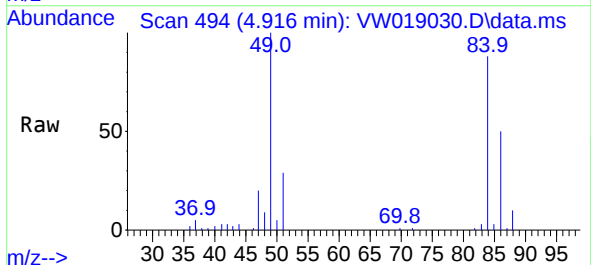
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

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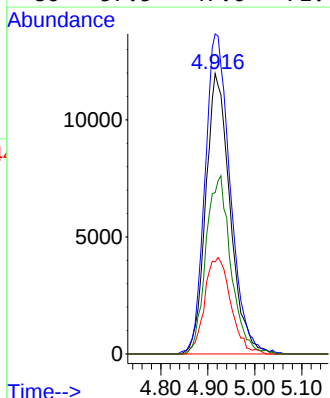
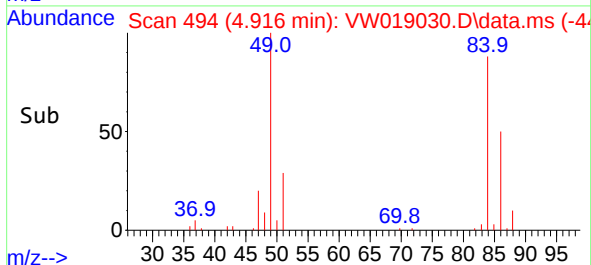
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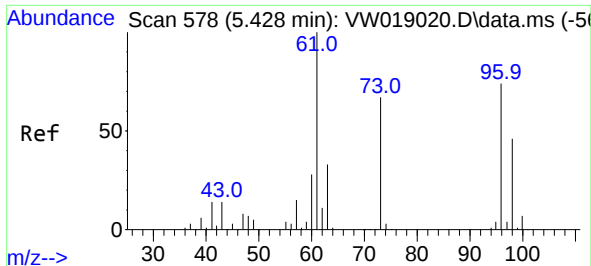


#20
Methylene Chloride
Concen: 7.76 ug/l
RT: 4.916 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW019030.D
Acq: 18 May 2021 21:06

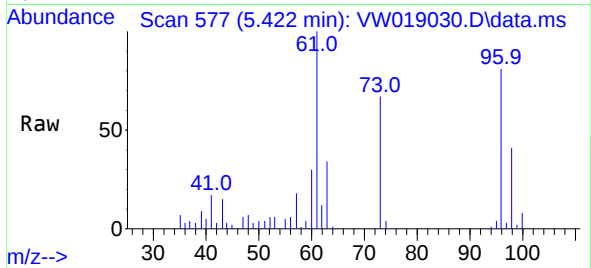


Tgt Ion: 84 Resp: 43050
Ion Ratio Lower Upper
84 100
49 114.1 90.4 135.6
51 32.9 27.1 40.7
86 57.5 47.6 71.4



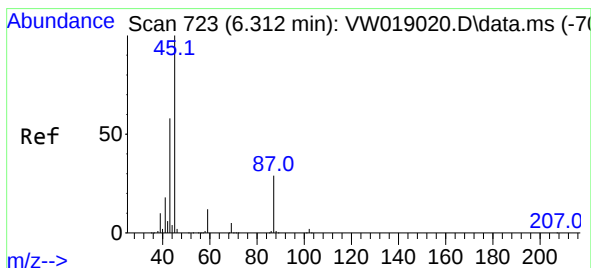
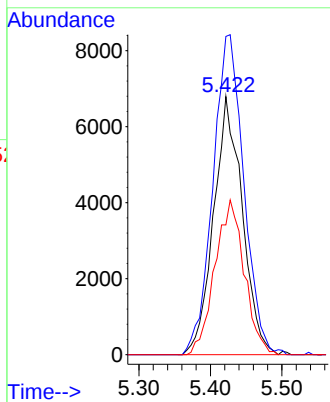
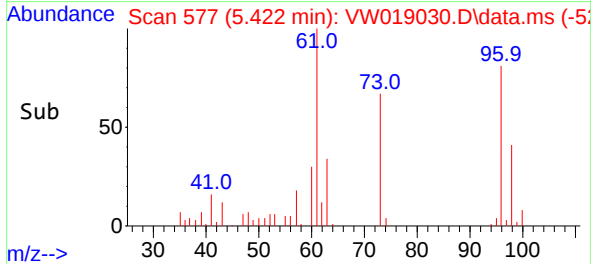


#21
trans-1,2-Dichloroethene
Concen: 4.31 ug/l
RT: 5.422 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW019030.D
Acq: 18 May 2021 21:06

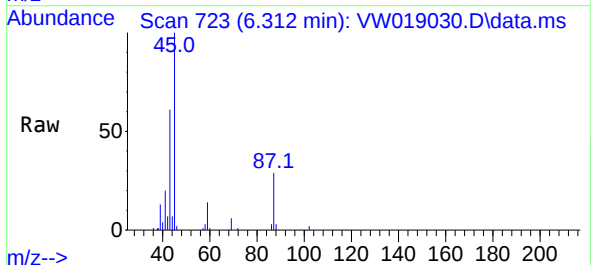


Tgt Ion: 96 Resp: 18919

Ion	Ratio	Lower	Upper
96	100		
61	123.3	108.5	162.7
98	50.3	49.4	74.0

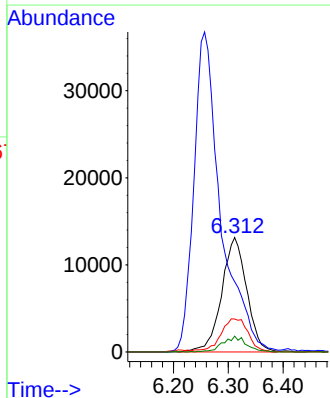
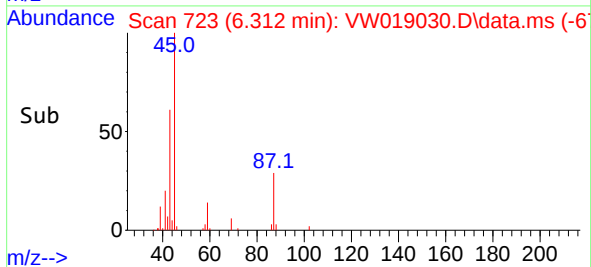


#22
Diisopropyl ether
Concen: 4.10 ug/l
RT: 6.312 min Scan# 723
Delta R.T. -0.000 min
Lab File: VW019030.D
Acq: 18 May 2021 21:06



Tgt Ion: 45 Resp: 41669

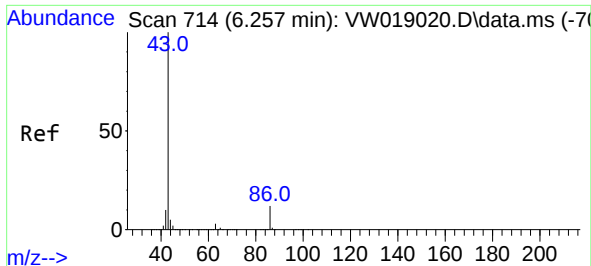
Ion	Ratio	Lower	Upper
45	100		
43	59.9	46.1	69.1
87	28.4	23.4	35.2
59	13.8	9.7	14.5



Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

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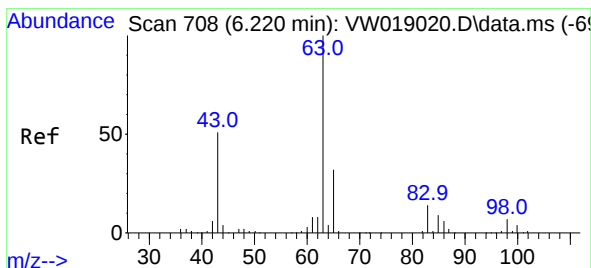
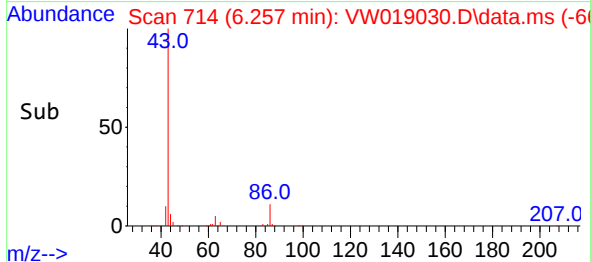
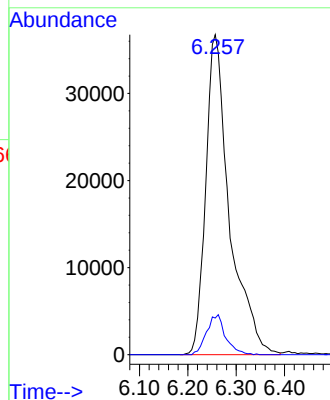
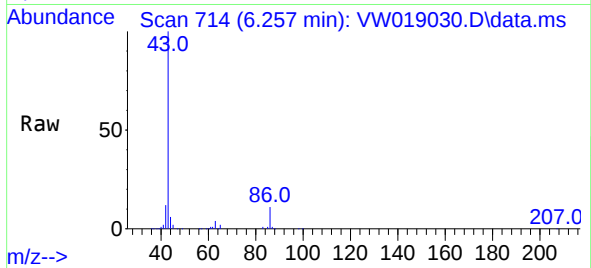
#23
 Vinyl Acetate
 Concen: 18.32 ug/l
 RT: 6.257 min Scan# 714
 Delta R.T. -0.000 min
 Lab File: VW019030.D
 Acq: 18 May 2021 21:06

Tgt Ion: 43 Resp: 125391
 Ion Ratio Lower Upper
 43 100
 86 11.4 9.6 14.4

Instrument :
 MSVOA_W
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2021

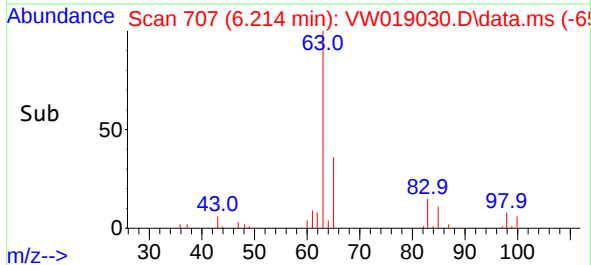
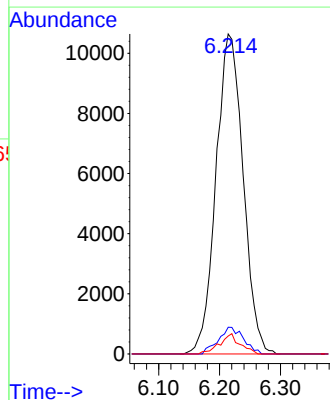
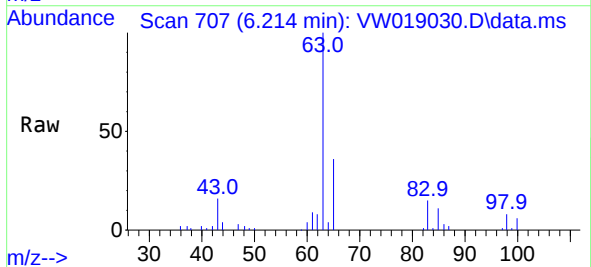
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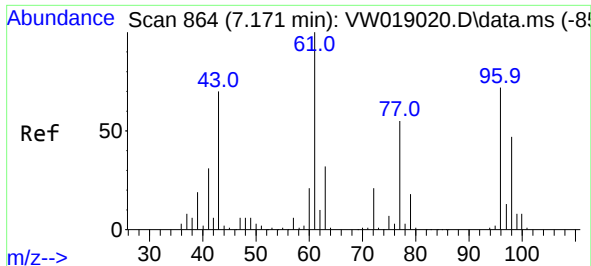
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#24
 1,1-Dichloroethane
 Concen: 4.18 ug/l
 RT: 6.214 min Scan# 707
 Delta R.T. -0.006 min
 Lab File: VW019030.D
 Acq: 18 May 2021 21:06

Tgt Ion: 63 Resp: 32917
 Ion Ratio Lower Upper
 63 100
 98 8.4 3.6 10.9
 100 5.6 2.3 6.8





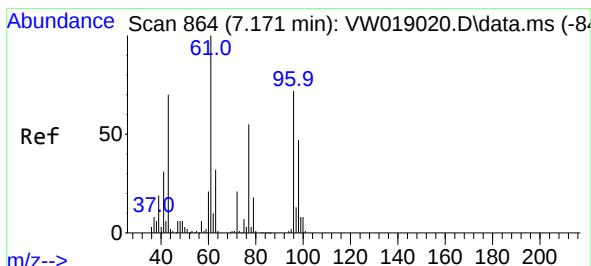
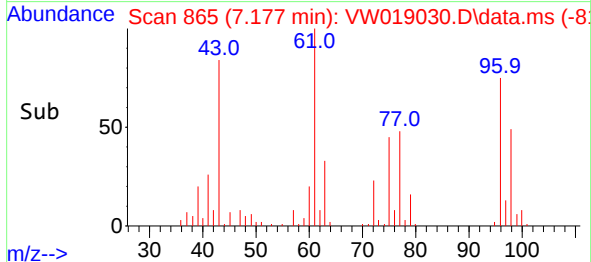
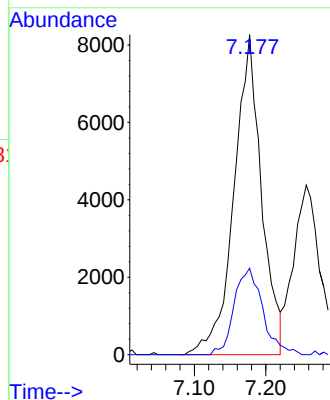
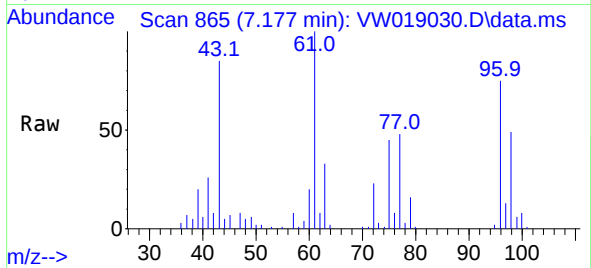
#25
2-Butanone
Concen: 21.76 ug/l
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW019030.D
Acq: 18 May 2021 21:06

Tgt Ion: 43 Resp: 22112
Ion Ratio Lower Upper
43 100
72 27.0 24.0 36.0

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

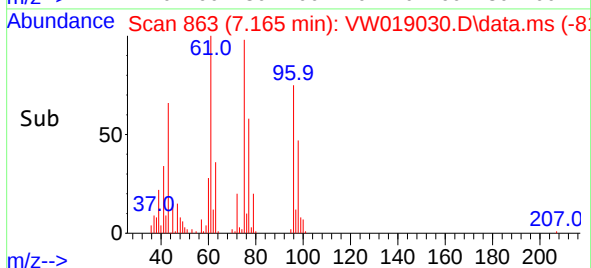
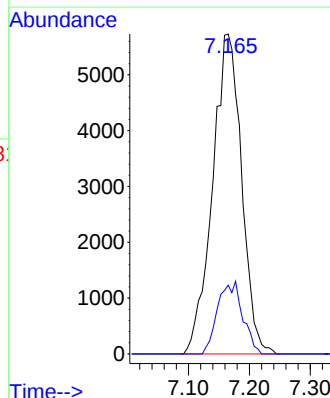
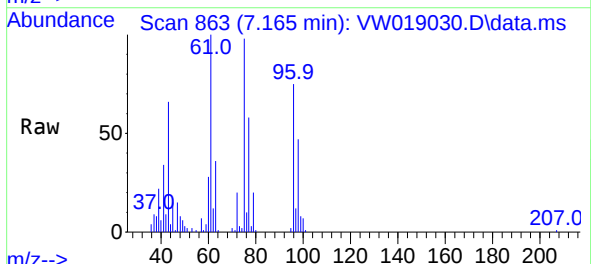
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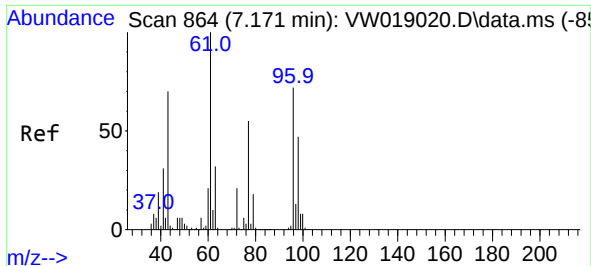
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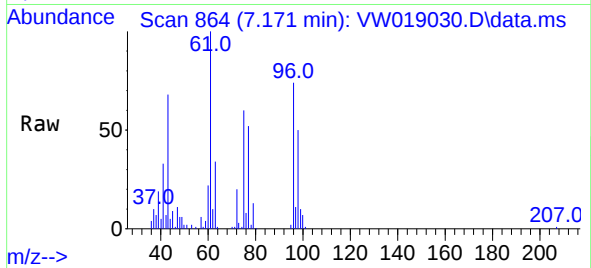
#26
2,2-Dichloropropane
Concen: 4.47 ug/l
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW019030.D
Acq: 18 May 2021 21:06

Tgt Ion: 77 Resp: 18982
Ion Ratio Lower Upper
77 100
97 19.4 11.8 35.3

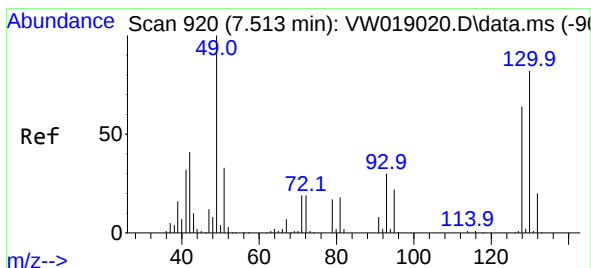
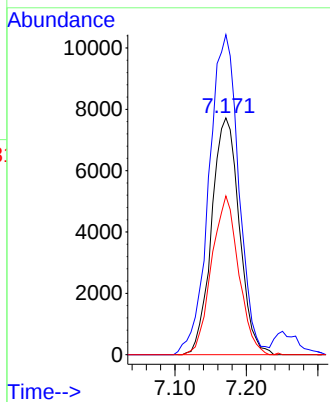
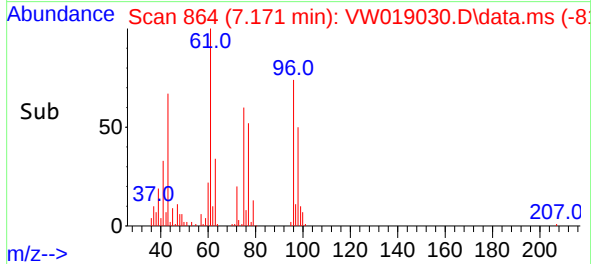




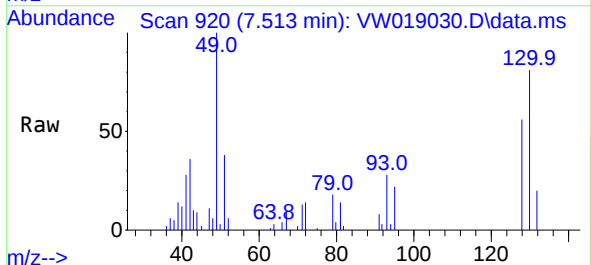
#27
 cis-1,2-Dichloroethene
 Concen: 4.26 ug/l
 RT: 7.171 min Scan# 864
 Delta R.T. -0.000 min
 Lab File: VW019030.D
 Acq: 18 May 2021 21:06



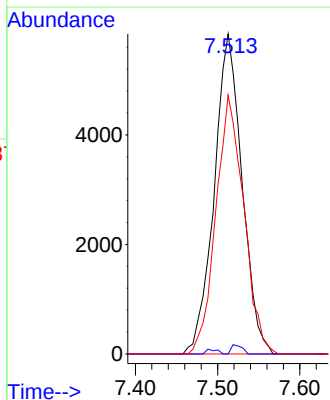
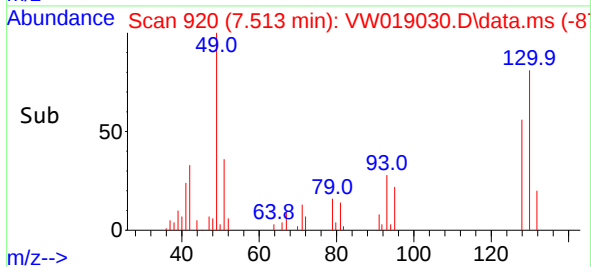
Tgt Ion:	96	Resp:	20750
Ion	Ratio	Lower	Upper
96	100		
61	145.4	0.0	281.2
98	65.6	0.0	127.4



#28
 Bromochloromethane
 Concen: 4.30 ug/l
 RT: 7.513 min Scan# 920
 Delta R.T. -0.000 min
 Lab File: VW019030.D
 Acq: 18 May 2021 21:06



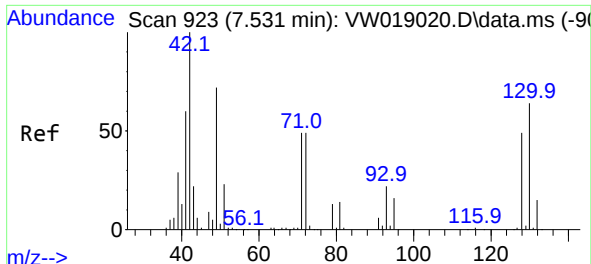
Tgt Ion:	49	Resp:	13786
Ion	Ratio	Lower	Upper
49	100		
129	1.1	0.0	4.4
130	80.8	63.0	94.4



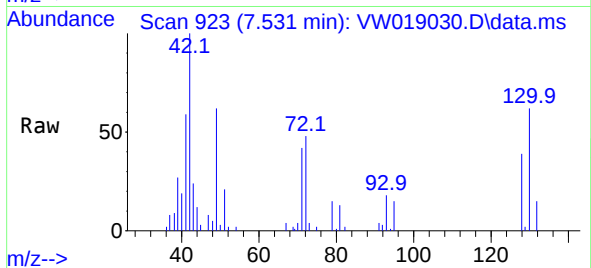
Instrument :
 MSVOA_W
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2021

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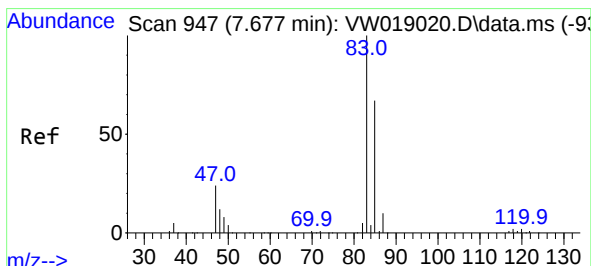
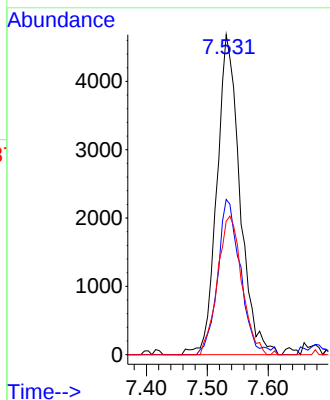
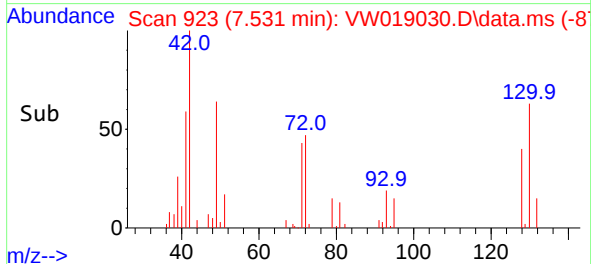


#29
Tetrahydrofuran
Concen: 20.72 ug/l
RT: 7.531 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW019030.D
Acq: 18 May 2021 21:06

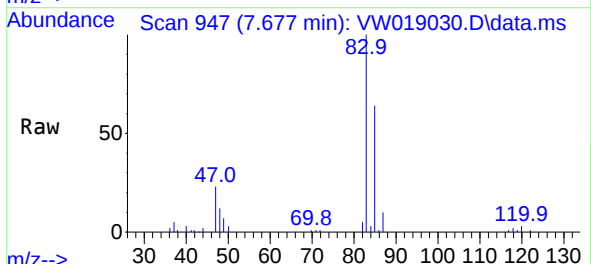


Tgt Ion: 42 Resp: 12315

Ion	Ratio	Lower	Upper
42	100		
72	48.0	40.1	60.1
71	45.7	38.3	57.5

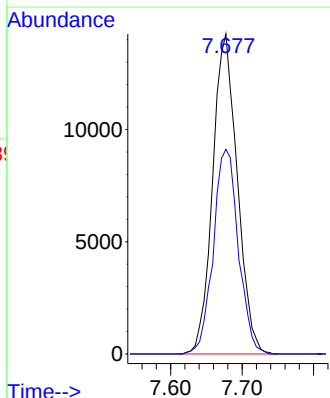
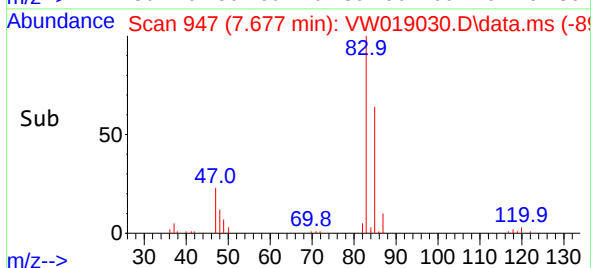


#30
Chloroform
Concen: 4.26 ug/l
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW019030.D
Acq: 18 May 2021 21:06



Tgt Ion: 83 Resp: 34136

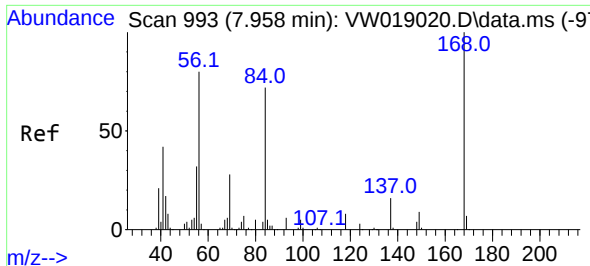
Ion	Ratio	Lower	Upper
83	100		
85	63.9	53.4	80.0



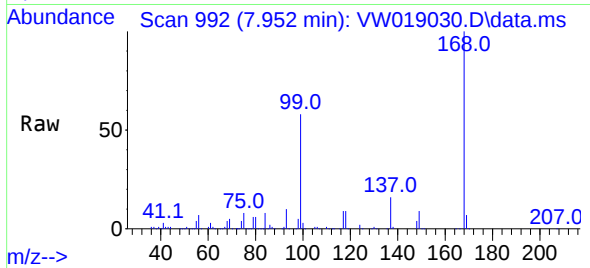
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

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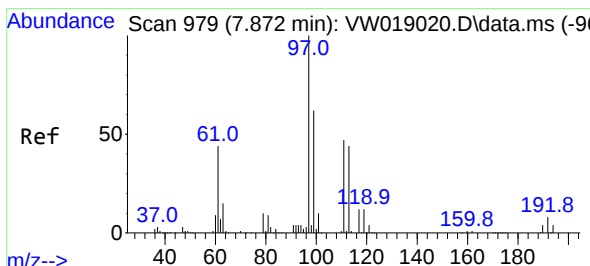
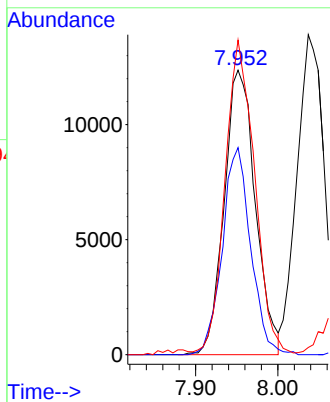
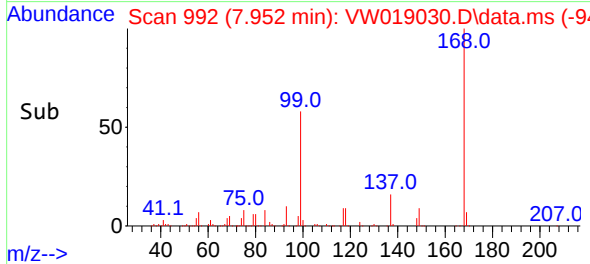
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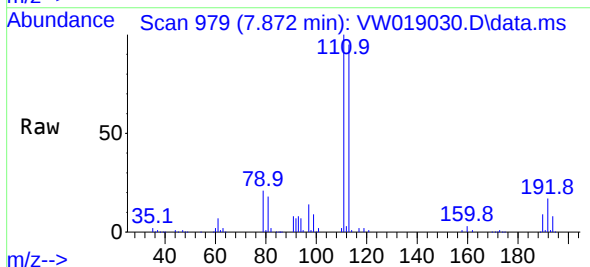
#31
Cyclohexane
Concen: 4.96 ug/l
RT: 7.952 min Scan# 992
Delta R.T. -0.006 min
Lab File: VW019030.D
Acq: 18 May 2021 21:06



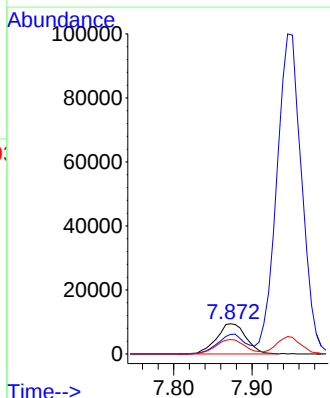
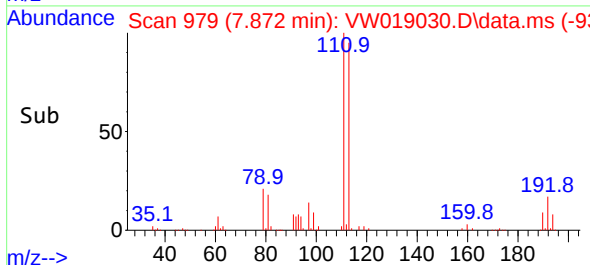
Tgt Ion: 56 Resp: 32673
Ion Ratio Lower Upper
56 100
69 72.7 28.4 42.6#
84 108.9 72.3 108.5#



#32
1,1,1-Trichloroethane
Concen: 4.15 ug/l
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW019030.D
Acq: 18 May 2021 21:06



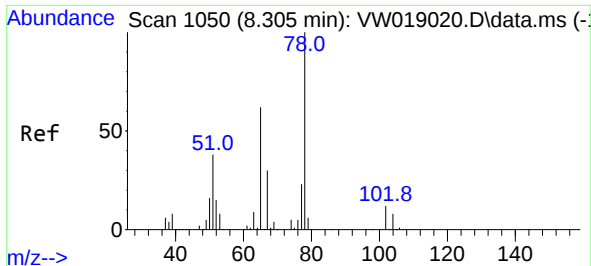
Tgt Ion: 97 Resp: 24674
Ion Ratio Lower Upper
97 100
99 62.7 52.2 78.4
61 48.3 36.7 55.1



Instrument :
MSVOA_W
ClientSampleId :
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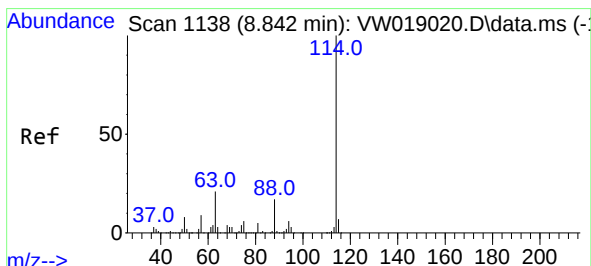
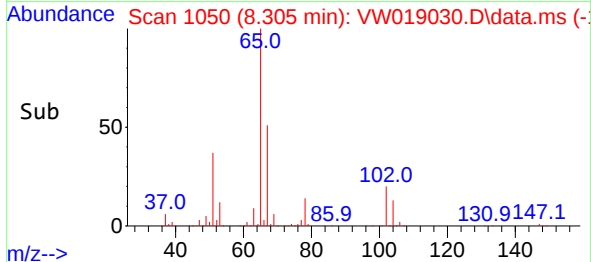
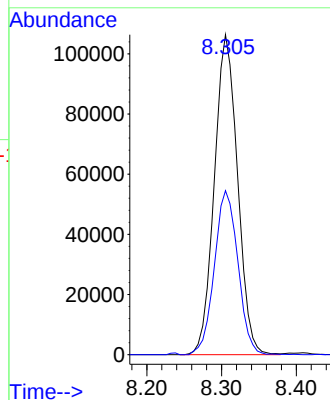
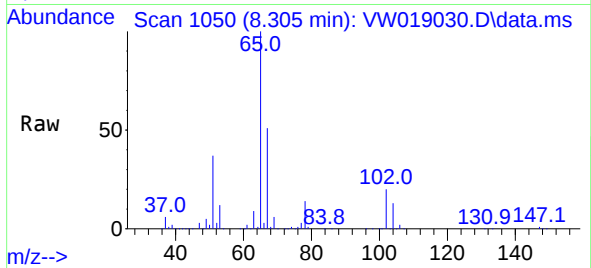
#33
1,2-Dichloroethane-d4
Concen: 58.40 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VW019030.D
Acq: 18 May 2021 21:06

Tgt Ion: 65 Resp: 229845
Ion Ratio Lower Upper
65 100
67 52.1 0.0 104.0

Instrument :
MSVOA_W
ClientSampleId :
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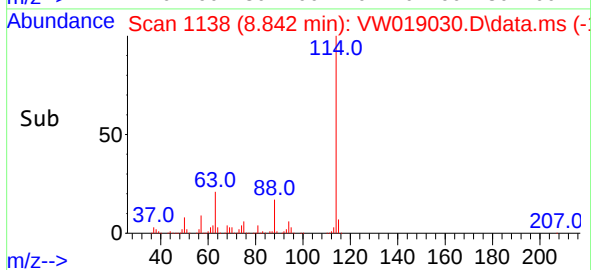
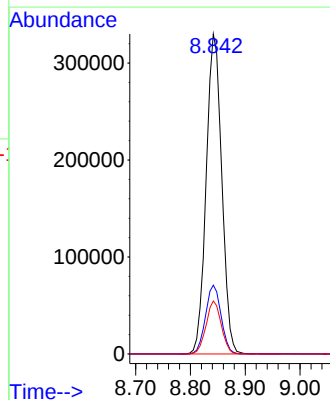
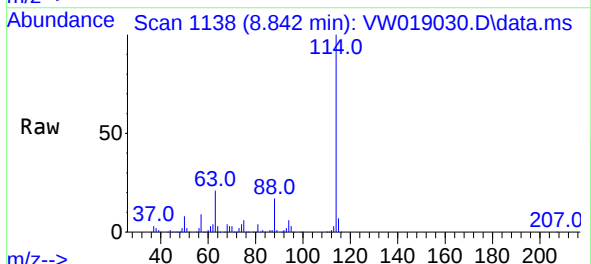
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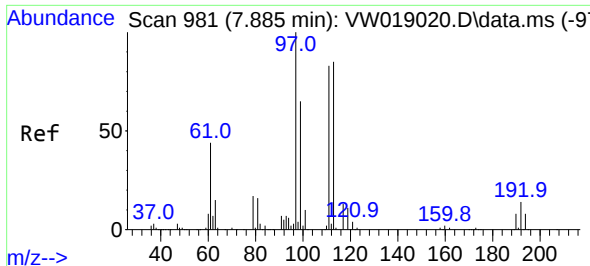
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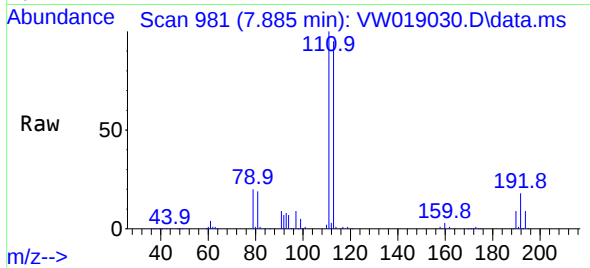
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.842 min Scan# 1138
Delta R.T. -0.000 min
Lab File: VW019030.D
Acq: 18 May 2021 21:06

Tgt Ion: 114 Resp: 648483
Ion Ratio Lower Upper
114 100
63 21.5 0.0 42.4
88 16.6 0.0 33.2

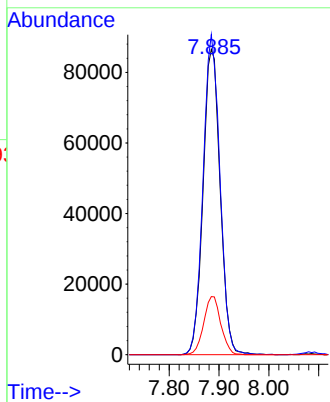
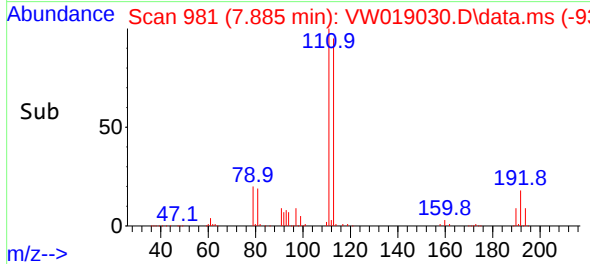




#35
Dibromofluoromethane
Concen: 57.11 ug/l
RT: 7.885 min Scan# 981
Delta R.T. -0.000 min
Lab File: VW019030.D
Acq: 18 May 2021 21:06



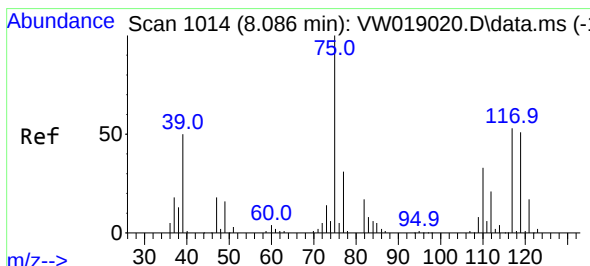
Tgt Ion: 113 Resp: 206213
Ion Ratio Lower Upper
113 100
111 103.3 82.3 123.5
192 19.0 15.3 22.9



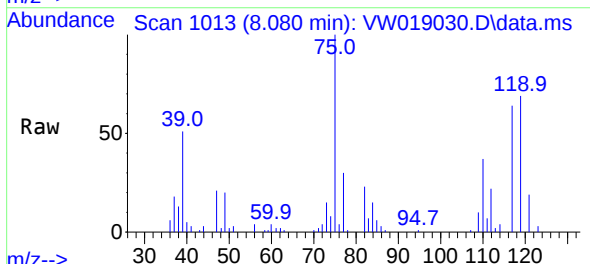
Instrument :
MSVOA_W
ClientSampleId :
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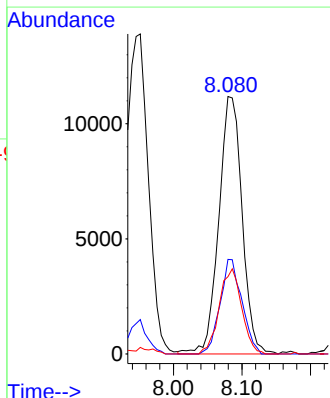
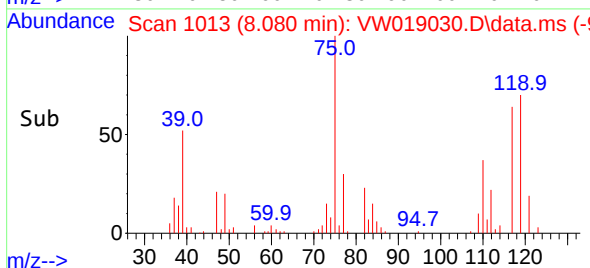
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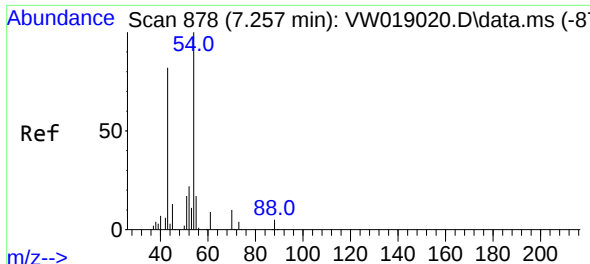


#36
1,1-Dichloropropene
Concen: 4.09 ug/l
RT: 8.080 min Scan# 1013
Delta R.T. -0.006 min
Lab File: VW019030.D
Acq: 18 May 2021 21:06



Tgt Ion: 75 Resp: 26388
Ion Ratio Lower Upper
75 100
110 34.3 17.1 51.2
77 31.8 25.3 37.9





#37

Ethyl Acetate

Concen: 4.66 ug/l

RT: 7.257 min Scan# 878

Delta R.T. -0.000 min

Lab File: VW019030.D

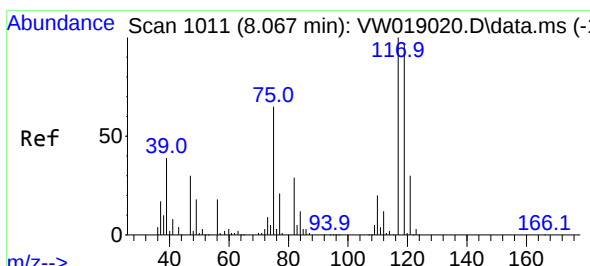
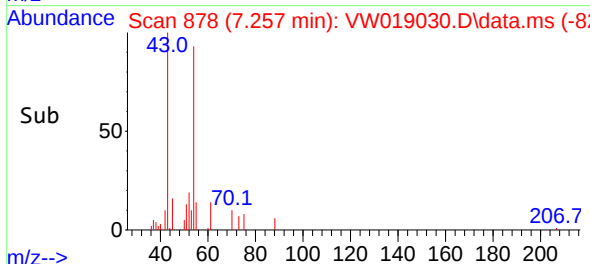
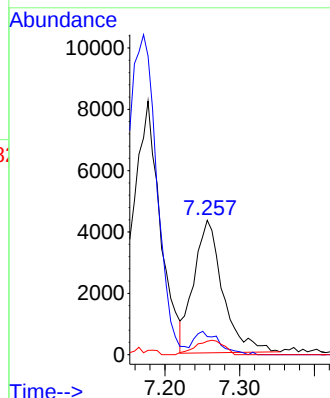
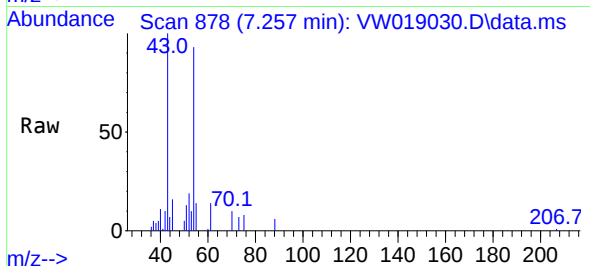
Acq: 18 May 2021 21:06

Tgt Ion:	43	Resp:	11654
Ion	Ratio	Lower	Upper
43	100		
61	14.7	12.2	18.4
70	10.6	9.5	14.3

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

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#38

Carbon Tetrachloride

Concen: 3.92 ug/l

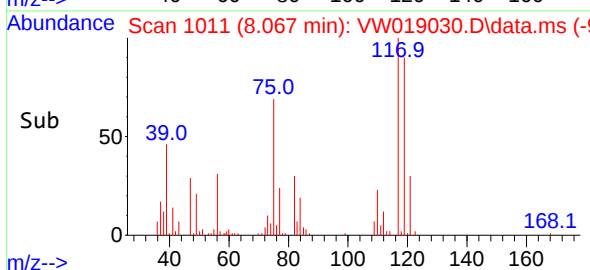
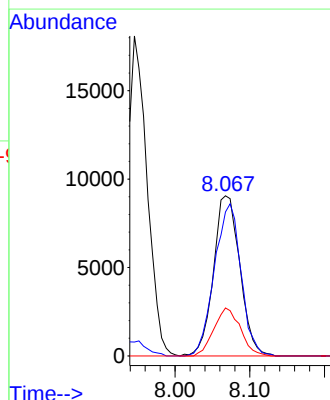
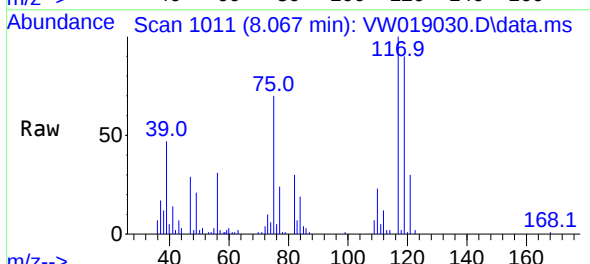
RT: 8.067 min Scan# 1011

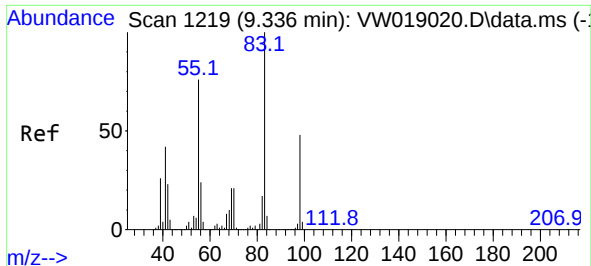
Delta R.T. -0.000 min

Lab File: VW019030.D

Acq: 18 May 2021 21:06

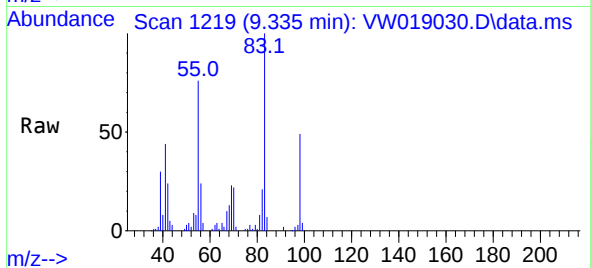
Tgt Ion:	117	Resp:	22298
Ion	Ratio	Lower	Upper
117	100		
119	89.9	77.4	116.0
121	30.0	23.6	35.4





#39
Methylcyclohexane
Concen: 3.92 ug/l
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW019030.D
Acq: 18 May 2021 21:06

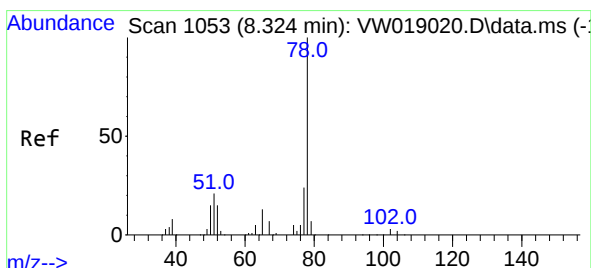
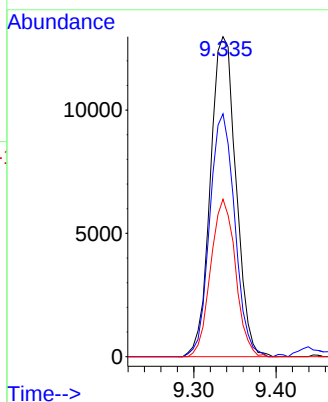
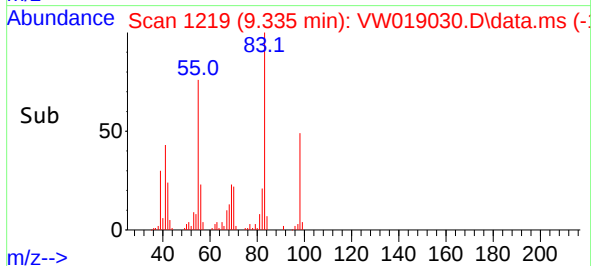
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



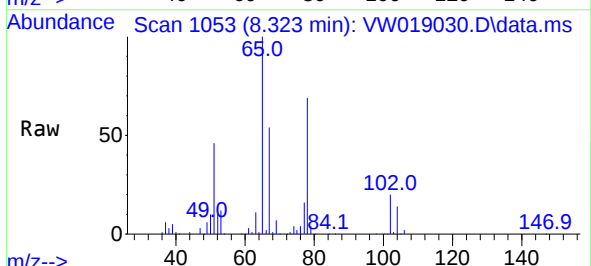
Tgt Ion: 83 Resp: 28041
Ion Ratio Lower Upper
83 100
55 75.9 60.9 91.3
98 49.2 38.4 57.6

Manual Integrations
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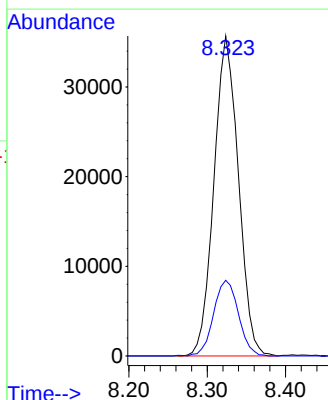
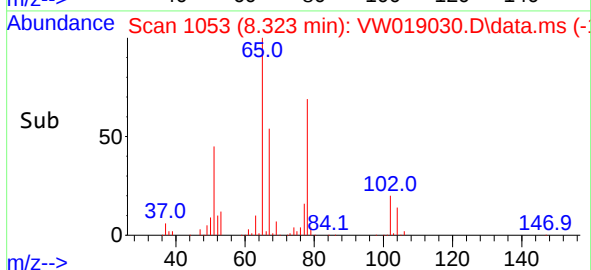
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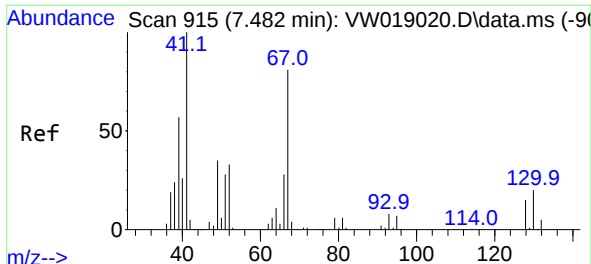


#40
Benzene
Concen: 4.29 ug/l
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW019030.D
Acq: 18 May 2021 21:06

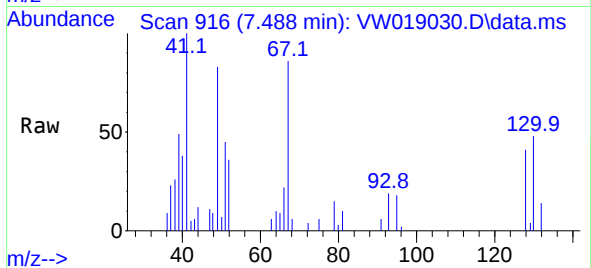


Tgt Ion: 78 Resp: 77437
Ion Ratio Lower Upper
78 100
77 23.7 19.6 29.4



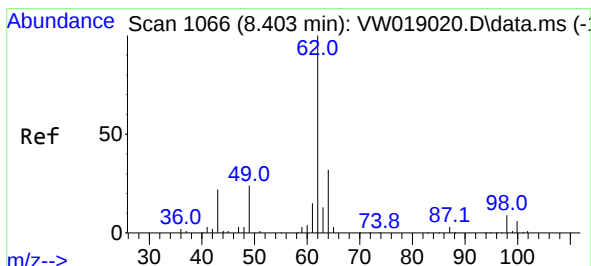
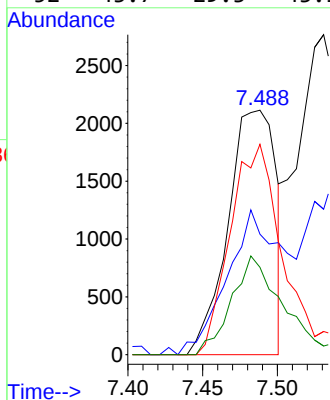
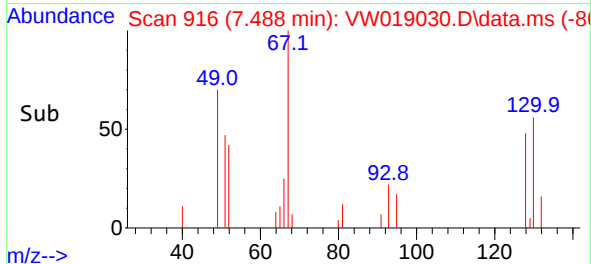


#41
Methacrylonitrile
Concen: 3.46 ug/l
RT: 7.488 min Scan# 916
Delta R.T. 0.006 min
Lab File: VW019030.D
Acq: 18 May 2021 21:06

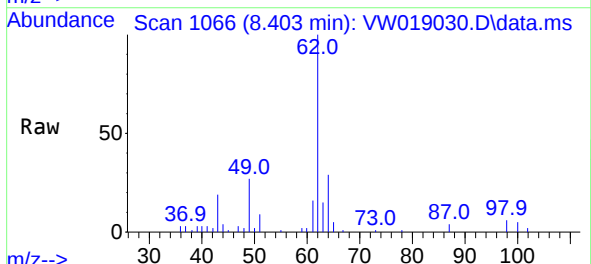


Tgt Ion: 41 Resp: 4722

Ion	Ratio	Lower	Upper
41	100		
39	71.2	50.1	75.1
67	94.8	69.0	103.4
52	43.7	29.3	43.9

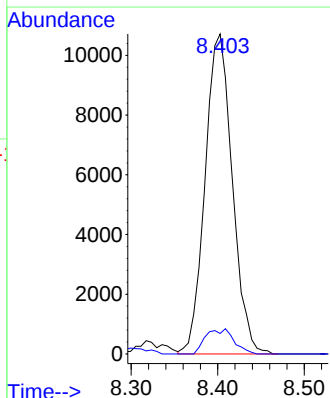
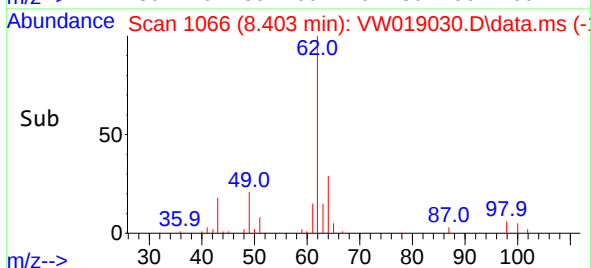


#42
1,2-Dichloroethane
Concen: 4.38 ug/l
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW019030.D
Acq: 18 May 2021 21:06



Tgt Ion: 62 Resp: 23417

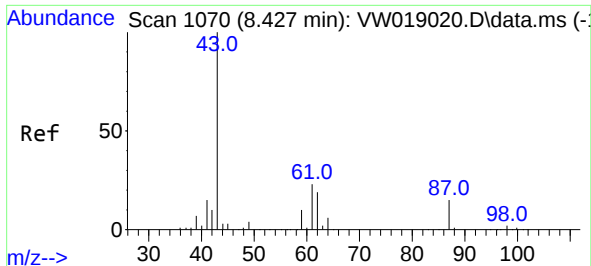
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	18.0



Instrument :
MSVOA_W
ClientSampleId :
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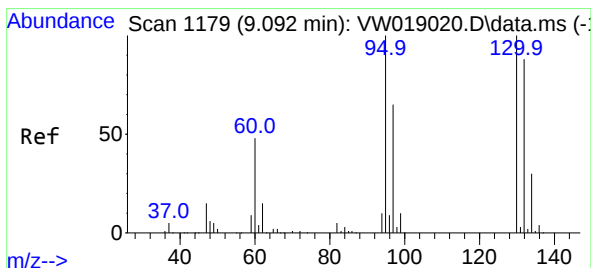
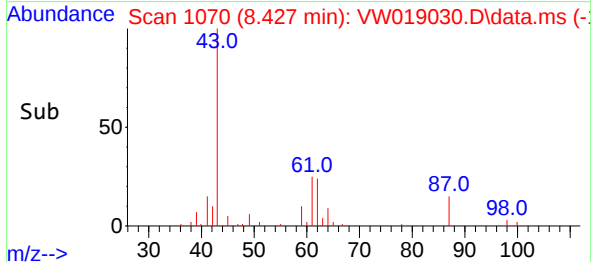
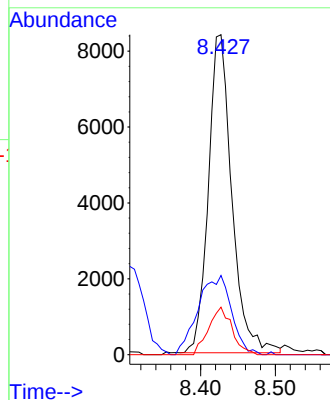
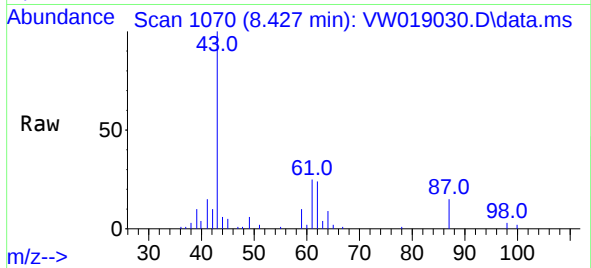
#43
Isopropyl Acetate
Concen: 3.93 ug/l
RT: 8.427 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VW019030.D
Acq: 18 May 2021 21:06

Tgt Ion:	43	Resp:	18330
Ion	Ratio	Lower	Upper
43	100		
61	35.3	27.0	40.6
87	14.9	11.6	17.4

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

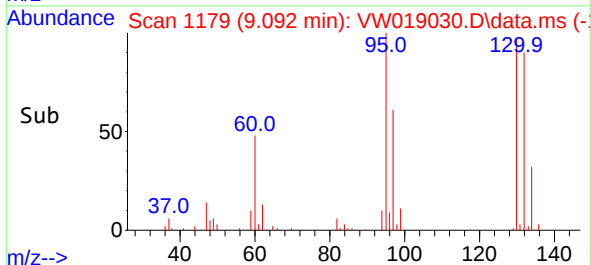
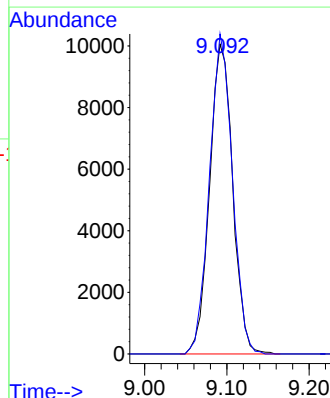
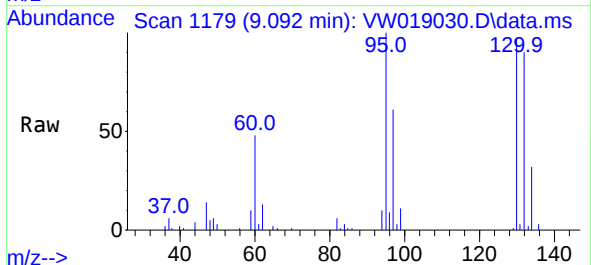
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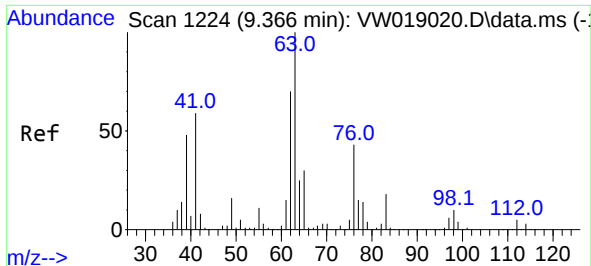
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#44
Trichloroethene
Concen: 4.22 ug/l
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW019030.D
Acq: 18 May 2021 21:06

Tgt Ion:	130	Resp:	19631
Ion	Ratio	Lower	Upper
130	100		
95	103.3	0.0	199.0





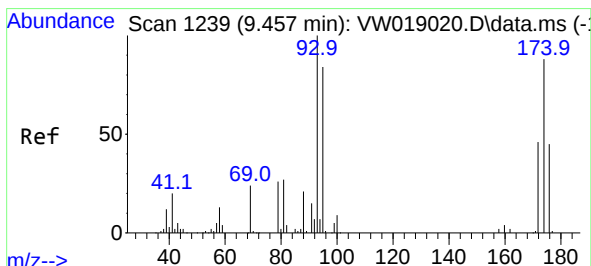
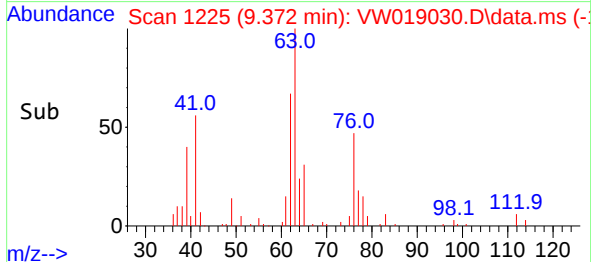
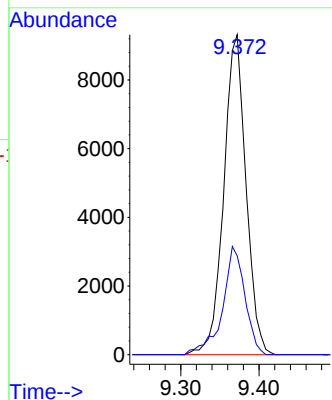
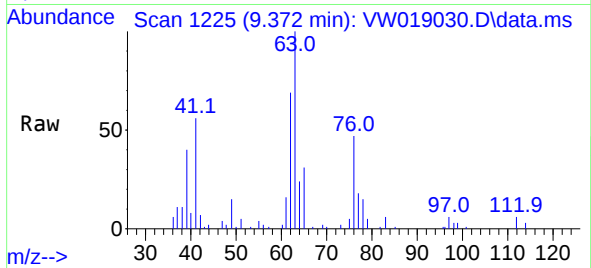
#45
1,2-Dichloropropane
Concen: 4.21 ug/l
RT: 9.372 min Scan# 1225
Delta R.T. 0.006 min
Lab File: VW019030.D
Acq: 18 May 2021 21:06

Tgt Ion: 63 Resp: 18383
Ion Ratio Lower Upper
63 100
65 30.9 24.1 36.1

Instrument :
MSVOA_W
ClientSampleId :
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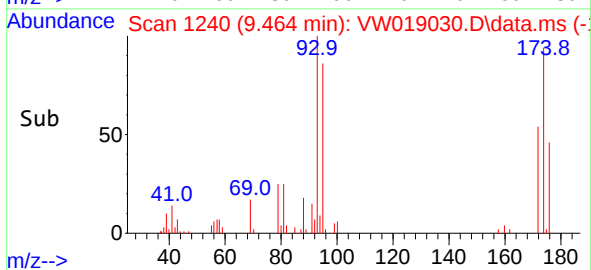
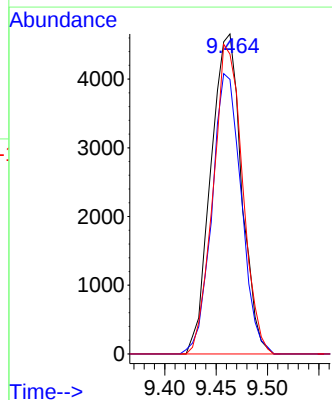
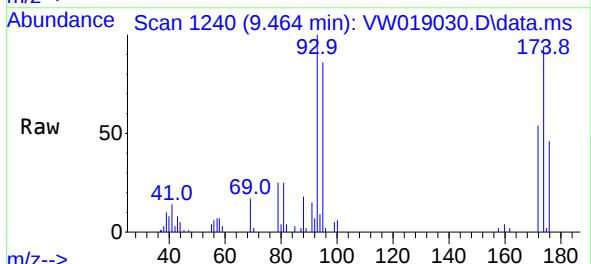
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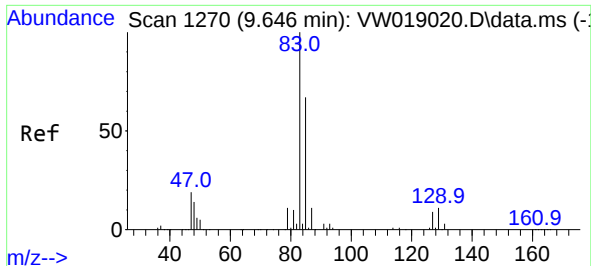
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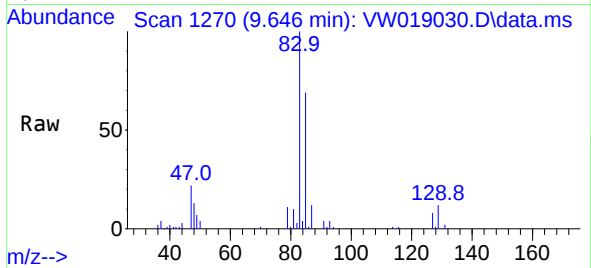
#46
Dibromomethane
Concen: 4.08 ug/l
RT: 9.464 min Scan# 1240
Delta R.T. 0.006 min
Lab File: VW019030.D
Acq: 18 May 2021 21:06

Tgt Ion: 93 Resp: 9667
Ion Ratio Lower Upper
93 100
95 83.6 66.7 100.1
174 92.5 75.3 112.9

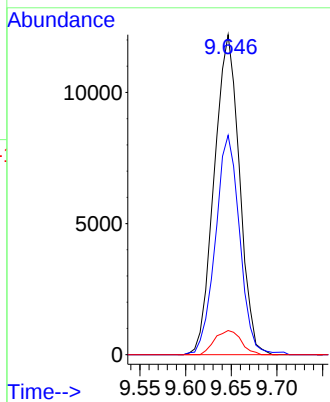
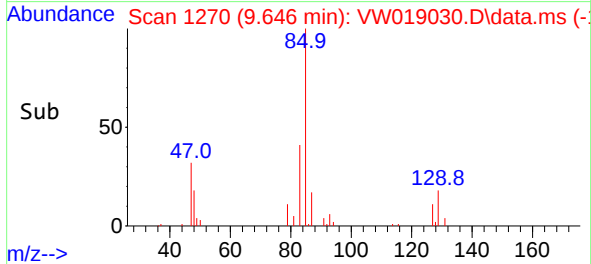




#47
Bromodichloromethane
Concen: 3.97 ug/l
RT: 9.646 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VW019030.D
Acq: 18 May 2021 21:06



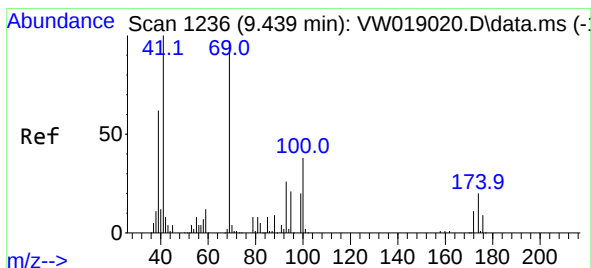
Tgt Ion:	83	Resp:	23419
Ion	Ratio	Lower	Upper
83	100		
85	68.5	53.4	80.2
127	7.5	7.0	10.6



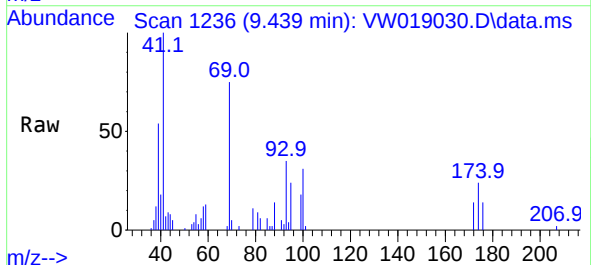
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

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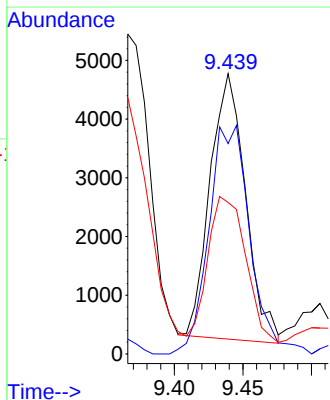
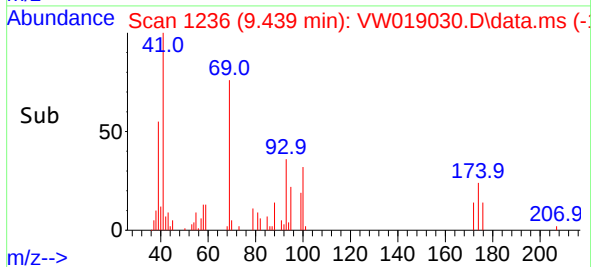
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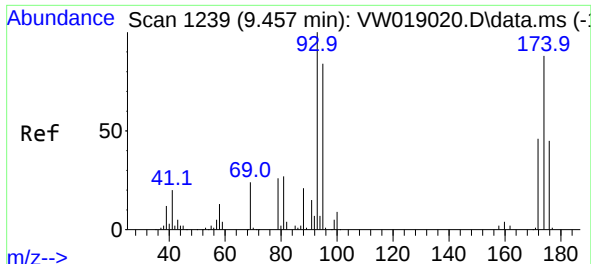


#48
Methyl methacrylate
Concen: 3.80 ug/l
RT: 9.439 min Scan# 1236
Delta R.T. -0.000 min
Lab File: VW019030.D
Acq: 18 May 2021 21:06



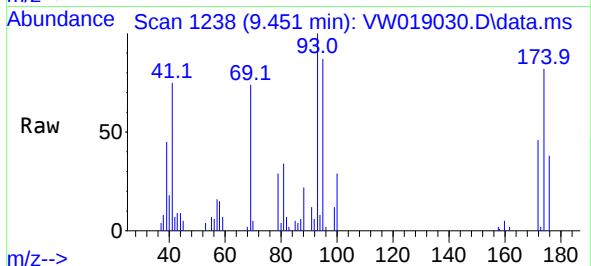
Tgt Ion:	41	Resp:	8130
Ion	Ratio	Lower	Upper
41	100		
69	99.9	80.2	120.2
39	66.1	51.5	77.3





#49
1,4-Dioxane
Concen: 84.22 ug/l
RT: 9.451 min Scan# 1238
Delta R.T. -0.006 min
Lab File: VW019030.D
Acq: 18 May 2021 21:06

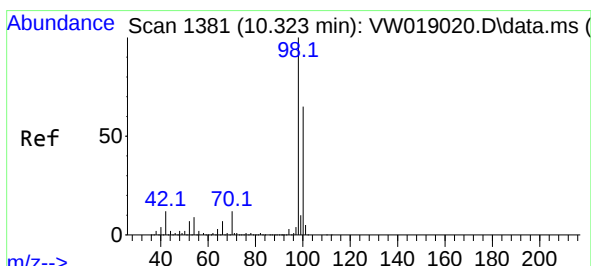
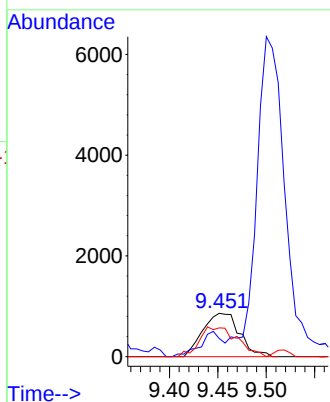
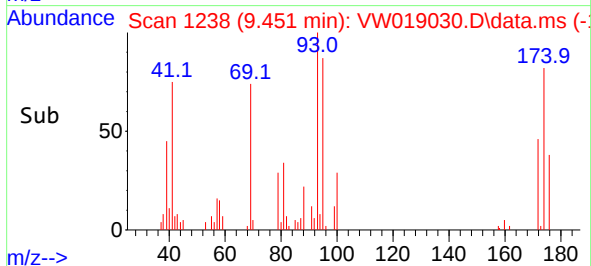
Instrument :
MSVOA_W
ClientSampleId :
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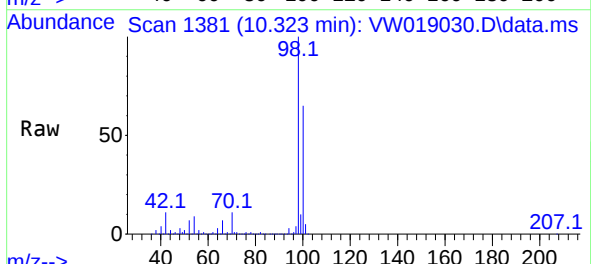
Tgt Ion: 88 Resp: 2276
Ion Ratio Lower Upper
88 100
43 35.1 22.1 33.1#
58 70.3 55.4 83.2

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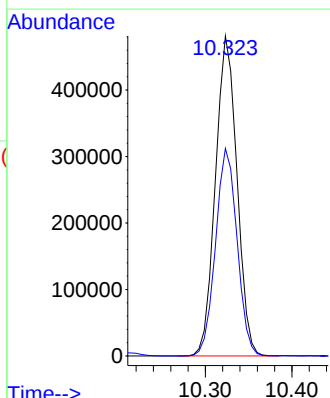
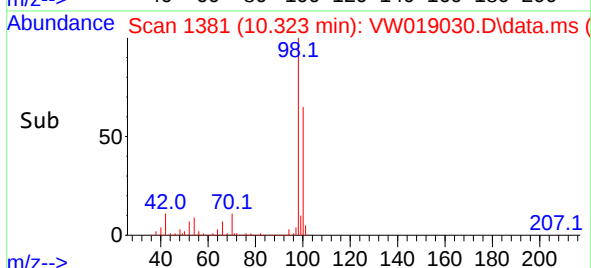
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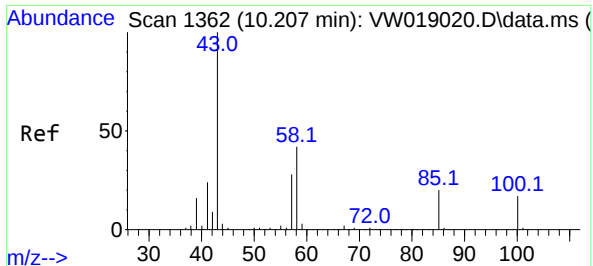


#50
Toluene-d8
Concen: 58.51 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VW019030.D
Acq: 18 May 2021 21:06

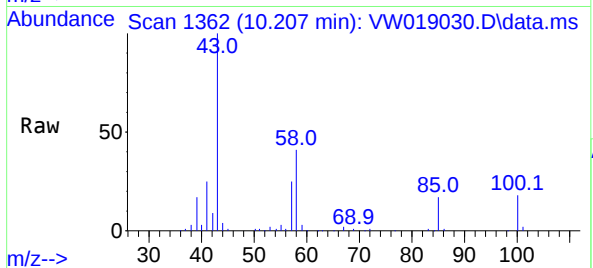


Tgt Ion: 98 Resp: 831529
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0

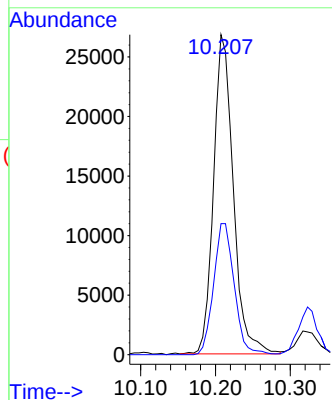
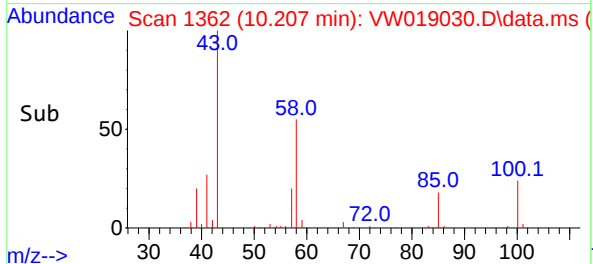




#51
4-Methyl-2-Pentanone
Concen: 20.40 ug/l
RT: 10.207 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VW019030.D
Acq: 18 May 2021 21:06



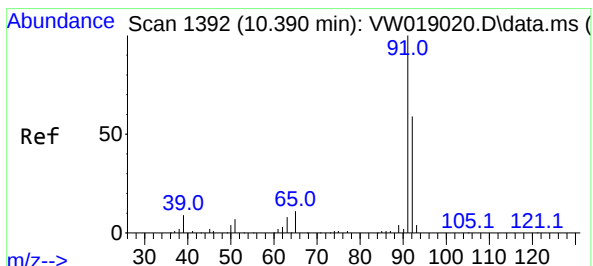
Tgt Ion: 43 Resp: 49239
Ion Ratio Lower Upper
43 100
58 42.9 34.2 51.4



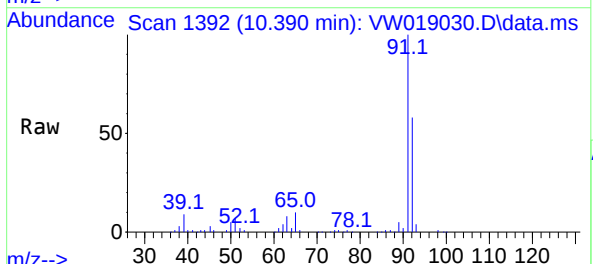
Instrument :
MSVOA_W
ClientSampleId :
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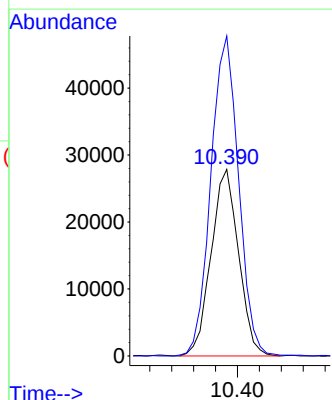
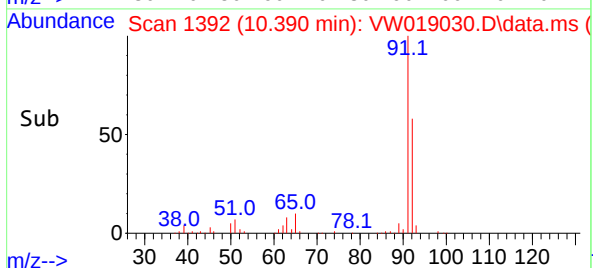
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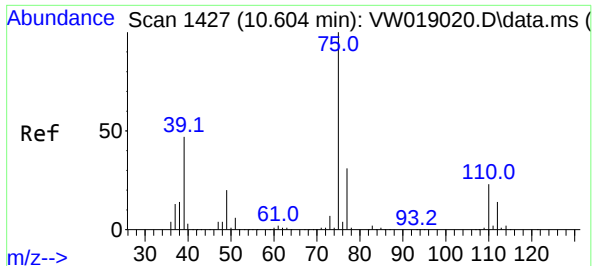


#52
Toluene
Concen: 4.24 ug/l
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW019030.D
Acq: 18 May 2021 21:06



Tgt Ion: 92 Resp: 48519
Ion Ratio Lower Upper
92 100
91 173.3 137.4 206.0





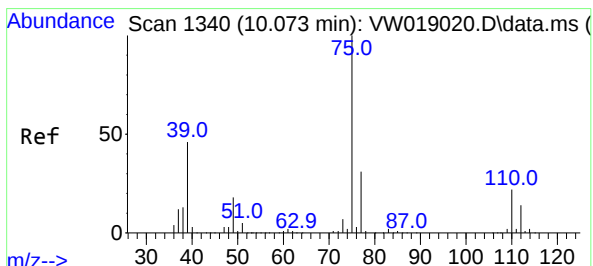
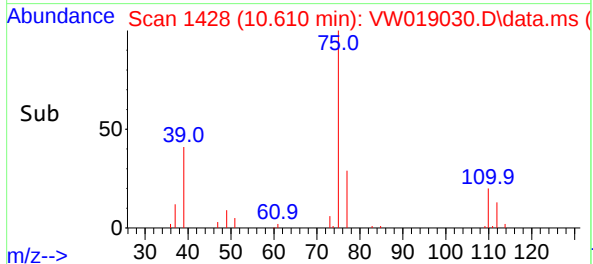
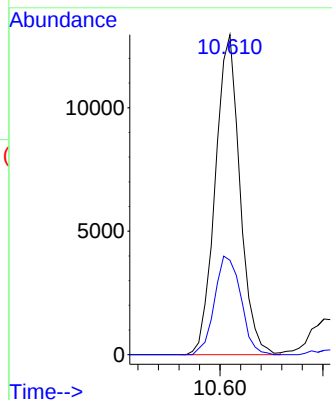
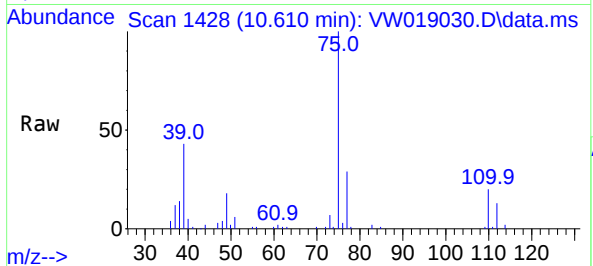
#53
t-1,3-Dichloropropene
Concen: 3.73 ug/l
RT: 10.610 min Scan# 1428
Delta R.T. 0.006 min
Lab File: VW019030.D
Acq: 18 May 2021 21:06

Tgt Ion: 75 Resp: 21595
Ion Ratio Lower Upper
75 100
77 29.5 24.8 37.2

Instrument :
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ClientSampleId :
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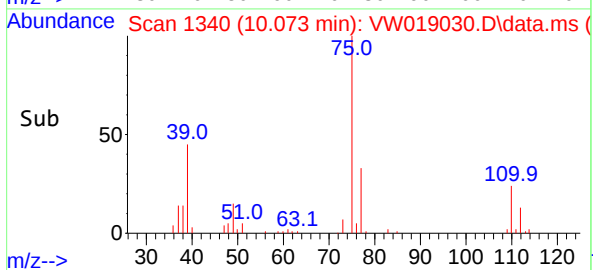
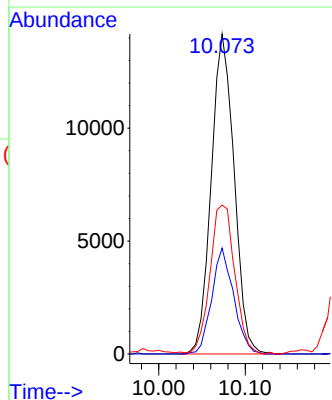
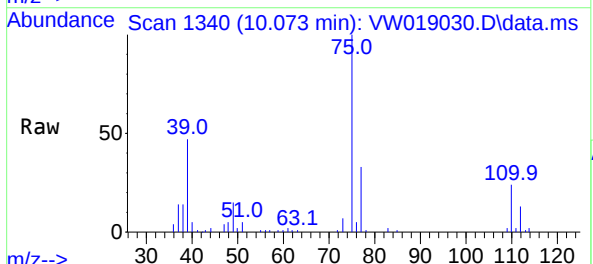
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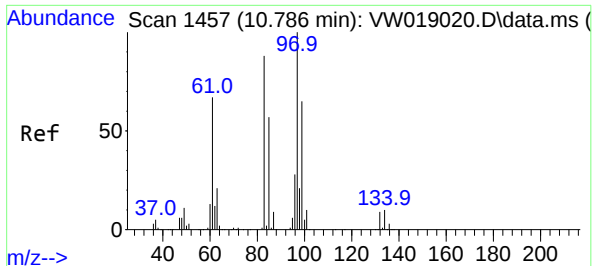
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#54
cis-1,3-Dichloropropene
Concen: 3.77 ug/l
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW019030.D
Acq: 18 May 2021 21:06

Tgt Ion: 75 Resp: 26033
Ion Ratio Lower Upper
75 100
77 33.1 25.0 37.6
39 46.6 36.9 55.3





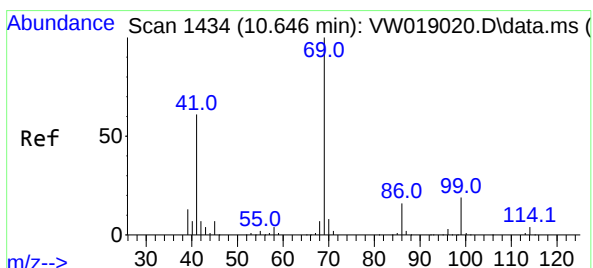
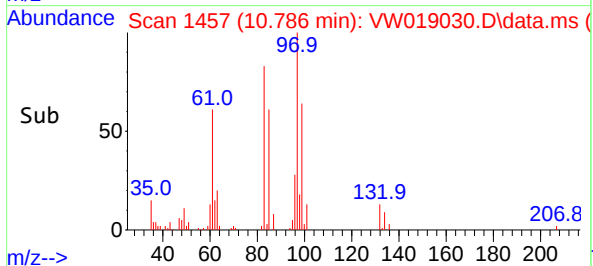
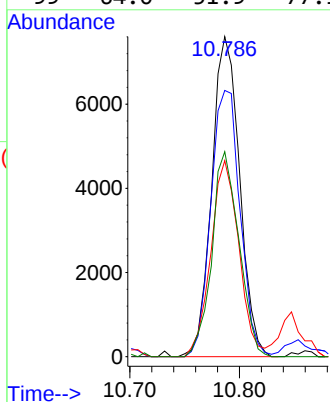
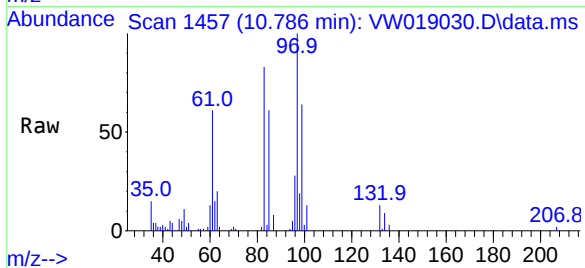
#55
1,1,2-Trichloroethane
Concen: 4.09 ug/l
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW019030.D
Acq: 18 May 2021 21:06

Tgt Ion:	97	Resp:	13414
Ion	Ratio	Lower	Upper
97	100		
83	83.2	70.6	106.0
85	61.2	45.8	68.6
99	64.0	51.9	77.9

Instrument :
MSVOA_W
ClientSampleId :
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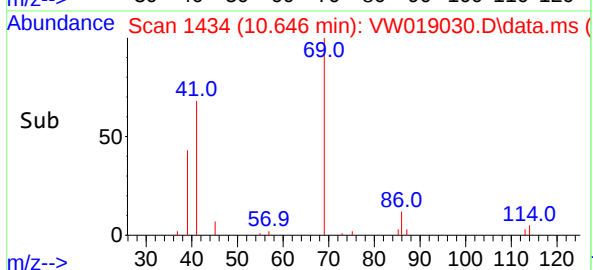
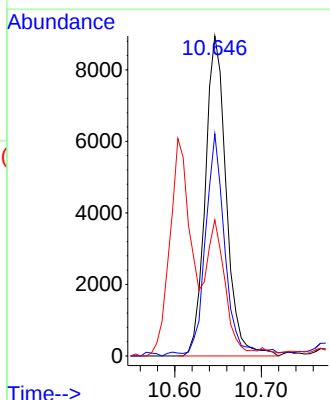
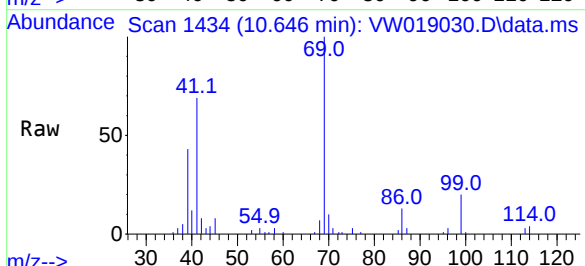
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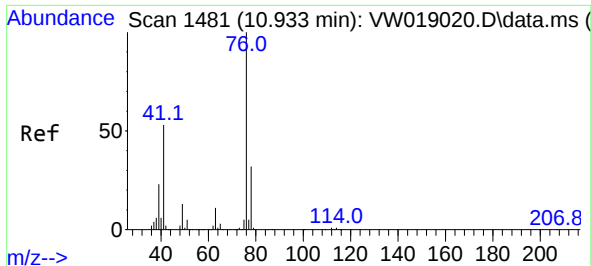
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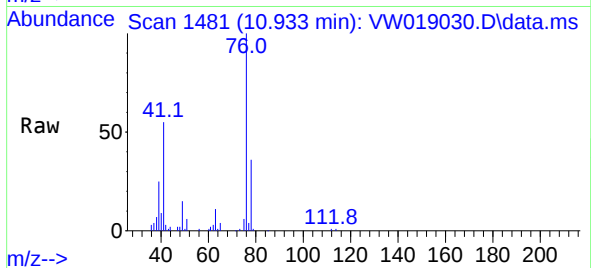
#56
Ethyl methacrylate
Concen: 3.66 ug/l
RT: 10.646 min Scan# 1434
Delta R.T. -0.000 min
Lab File: VW019030.D
Acq: 18 May 2021 21:06

Tgt Ion:	69	Resp:	15046
Ion	Ratio	Lower	Upper
69	100		
41	62.5	48.7	73.1
39	36.2	29.0	43.4

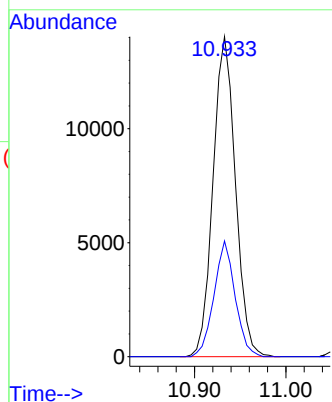
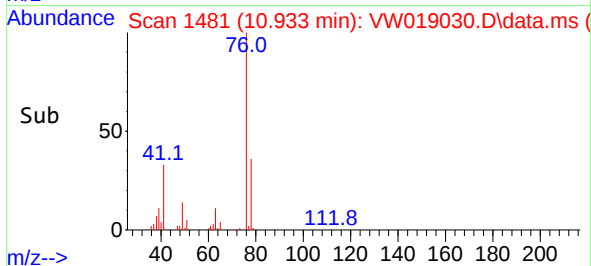




#57
1,3-Dichloropropane
Concen: 4.07 ug/l
RT: 10.933 min Scan# 1481
Delta R.T. -0.000 min
Lab File: VW019030.D
Acq: 18 May 2021 21:06



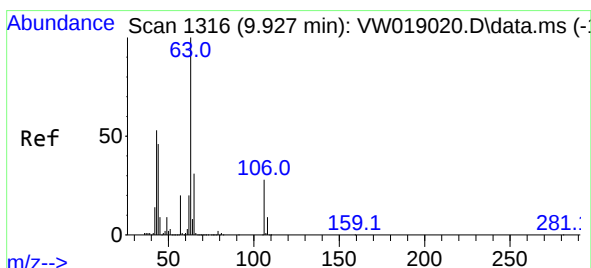
Tgt Ion: 76 Resp: 23860
Ion Ratio Lower Upper
76 100
78 34.1 25.5 38.3



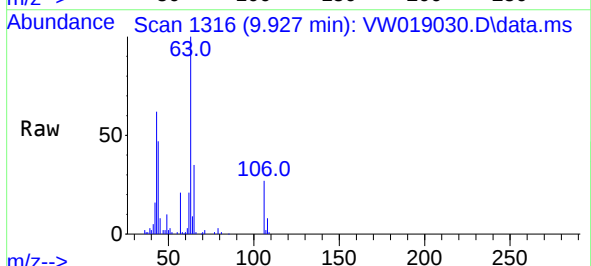
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

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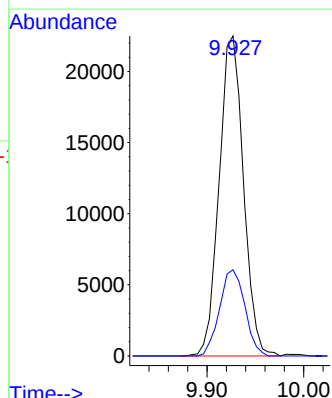
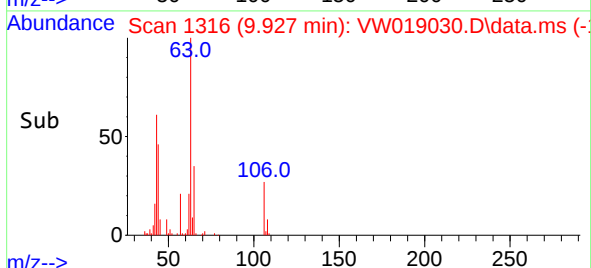
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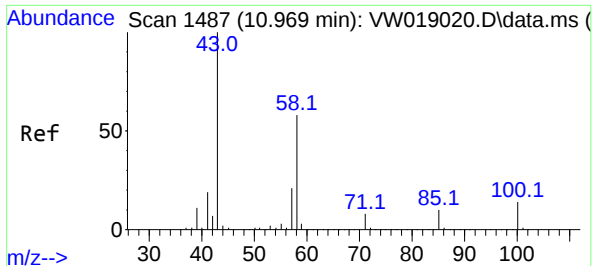


#58
2-Chloroethyl Vinyl ether
Concen: 18.40 ug/l
RT: 9.927 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VW019030.D
Acq: 18 May 2021 21:06



Tgt Ion: 63 Resp: 39173
Ion Ratio Lower Upper
63 100
106 28.0 22.3 33.5





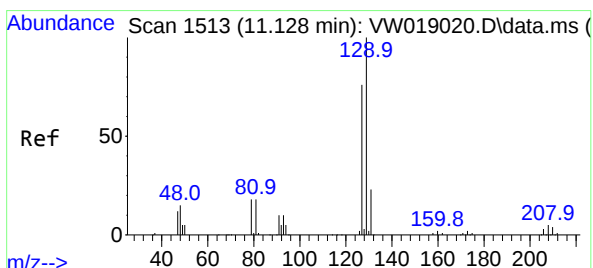
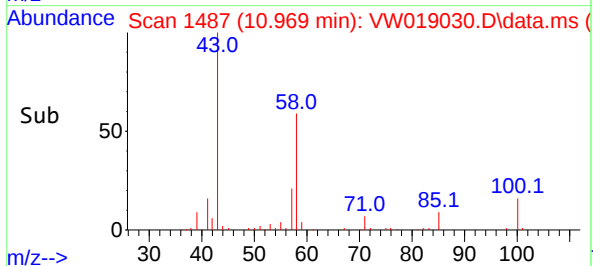
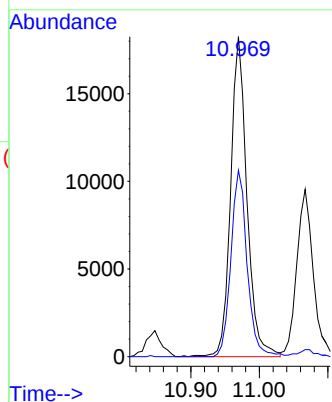
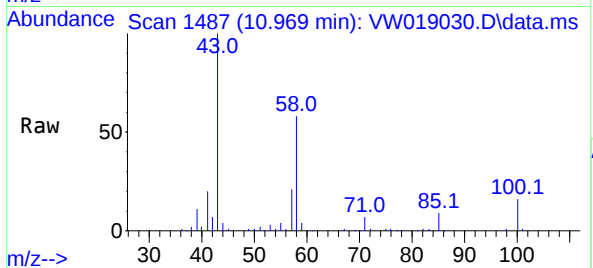
#59
2-Hexanone
Concen: 18.75 ug/l
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW019030.D
Acq: 18 May 2021 21:06

Tgt Ion: 43 Resp: 30090
Ion Ratio Lower Upper
43 100
58 58.0 29.0 87.1

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

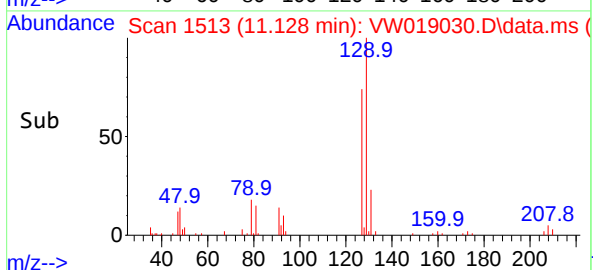
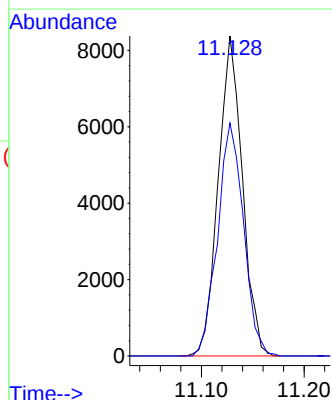
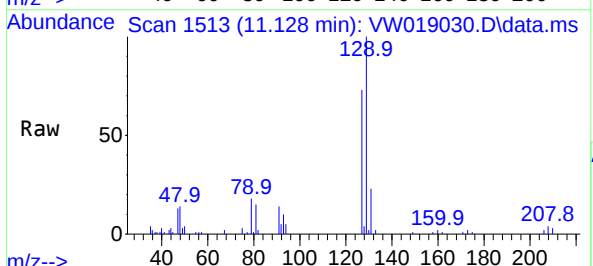
Manual Integrations
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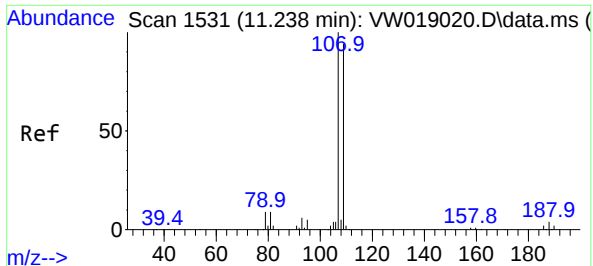
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#60
Dibromochloromethane
Concen: 3.73 ug/l
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW019030.D
Acq: 18 May 2021 21:06

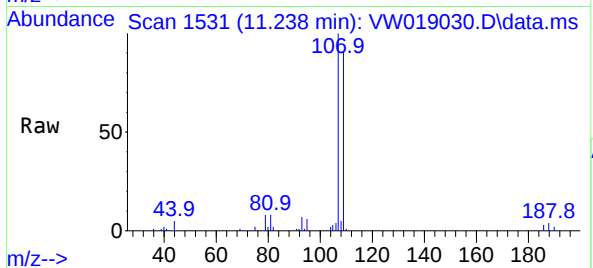
Tgt Ion: 129 Resp: 13667
Ion Ratio Lower Upper
129 100
127 78.1 38.2 114.6





#61
1,2-Dibromoethane
Concen: 4.01 ug/l
RT: 11.238 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VW019030.D
Acq: 18 May 2021 21:06

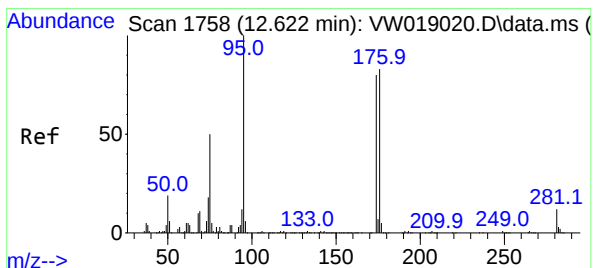
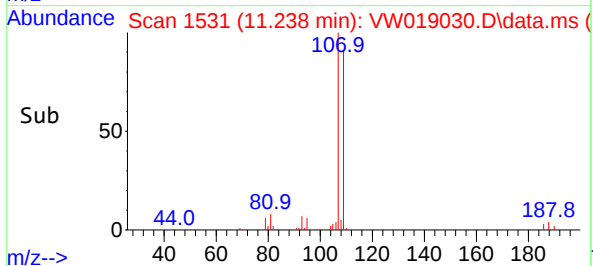
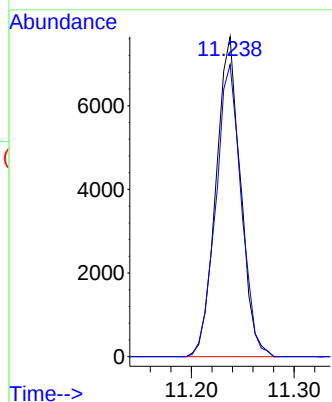
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



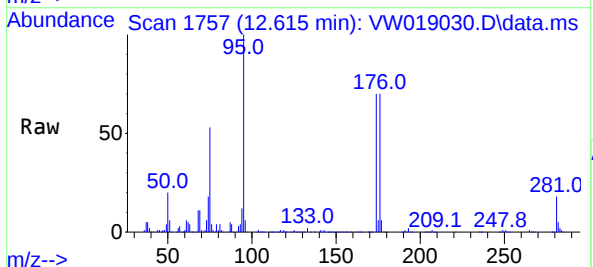
Tgt Ion:107 Resp: 12654
Ion Ratio Lower Upper
107 100
109 94.8 73.9 110.9

Manual Integrations
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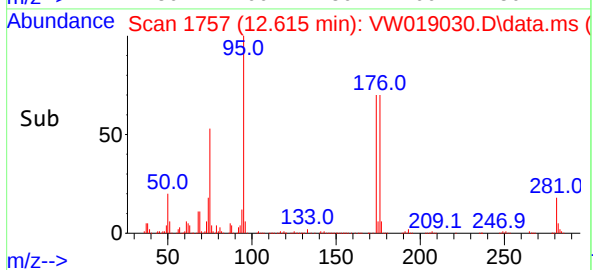
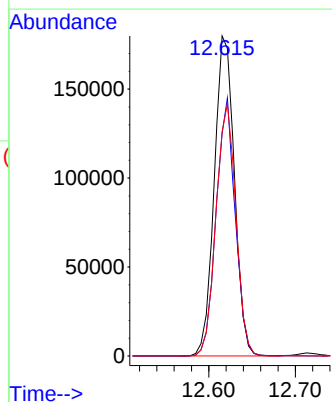
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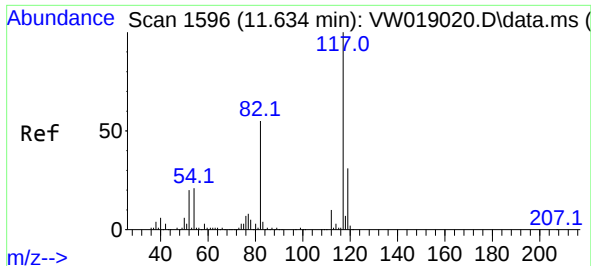


#62
4-Bromofluorobenzene
Concen: 56.68 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.006 min
Lab File: VW019030.D
Acq: 18 May 2021 21:06



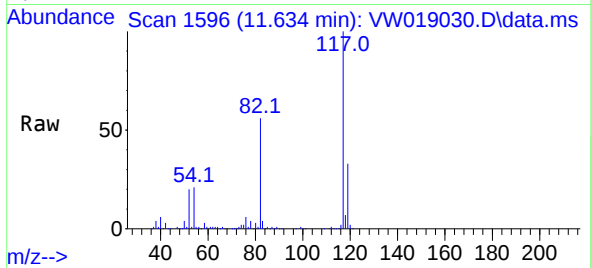
Tgt Ion: 95 Resp: 290362
Ion Ratio Lower Upper
95 100
174 76.2 0.0 156.2
176 77.8 0.0 160.8





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW019030.D
Acq: 18 May 2021 21:06

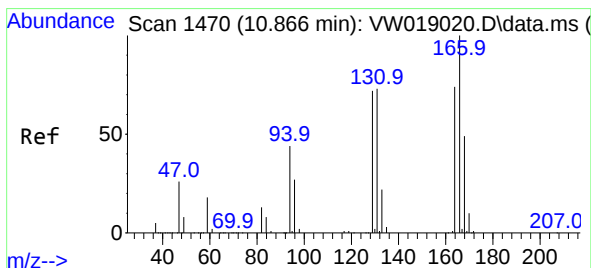
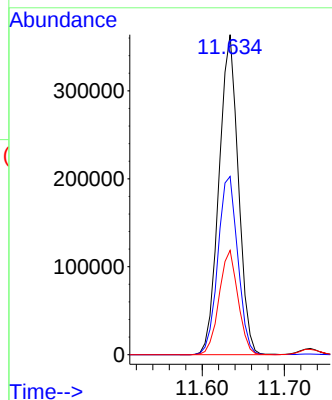
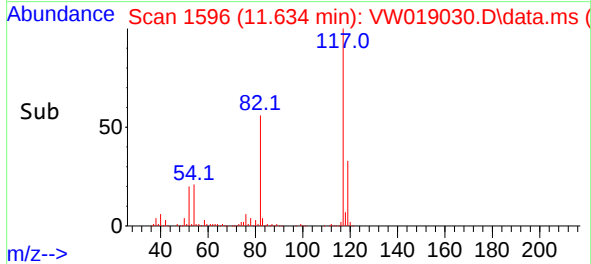
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



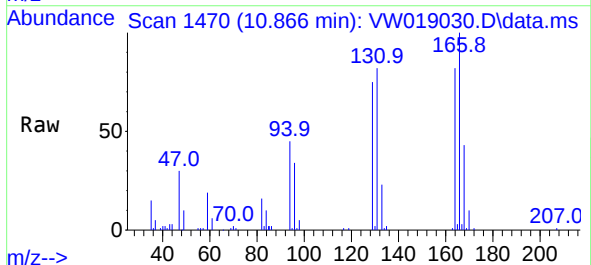
Tgt Ion:117 Resp: 594309
Ion Ratio Lower Upper
117 100
82 55.7 44.4 66.6
119 32.6 24.6 36.8

Manual Integrations
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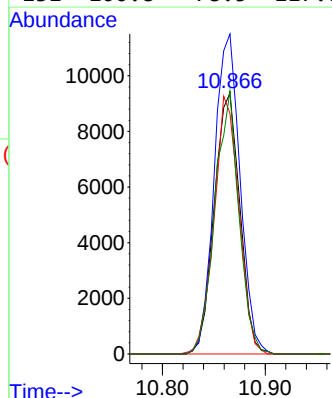
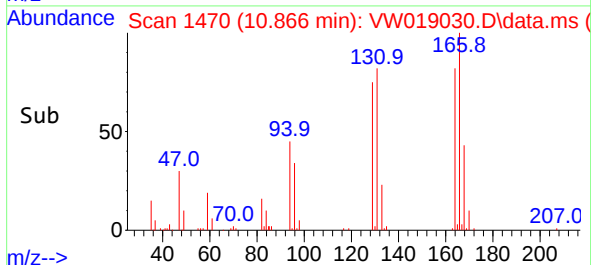
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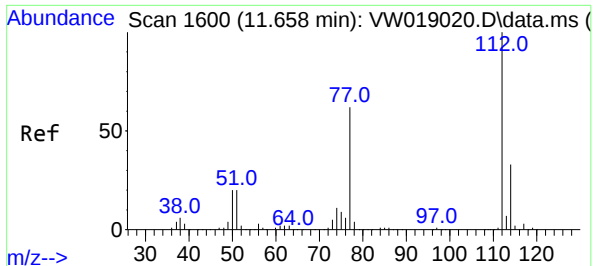


#64
Tetrachloroethene
Concen: 4.21 ug/l
RT: 10.866 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VW019030.D
Acq: 18 May 2021 21:06



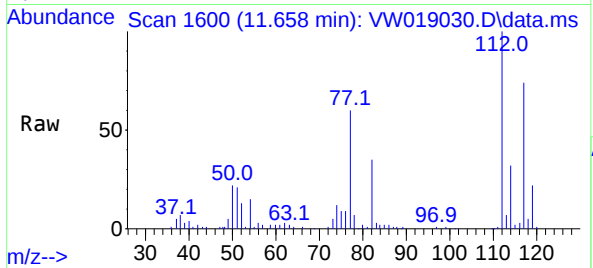
Tgt Ion:164 Resp: 16271
Ion Ratio Lower Upper
164 100
166 122.6 107.8 161.8
129 92.2 77.3 115.9
131 100.8 78.5 117.7





#65
Chlorobenzene
Concen: 4.10 ug/l
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW019030.D
Acq: 18 May 2021 21:06

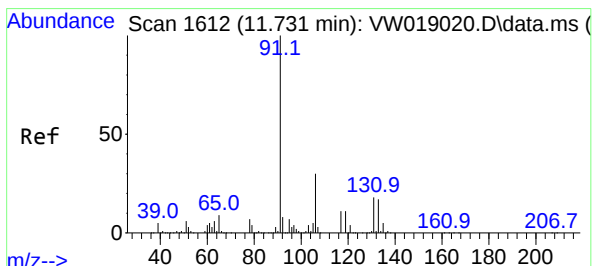
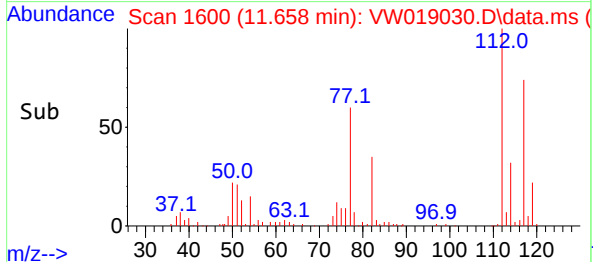
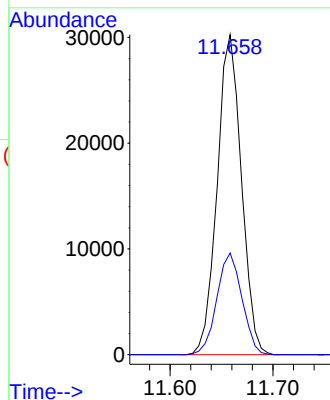
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



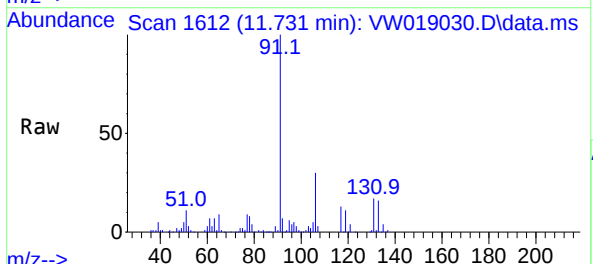
Tgt Ion:112 Resp: 49524
Ion Ratio Lower Upper
112 100
114 31.8 26.4 39.6

Manual Integrations
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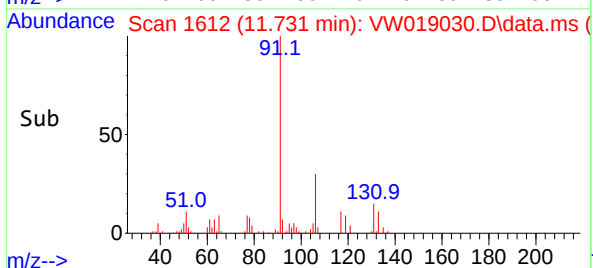
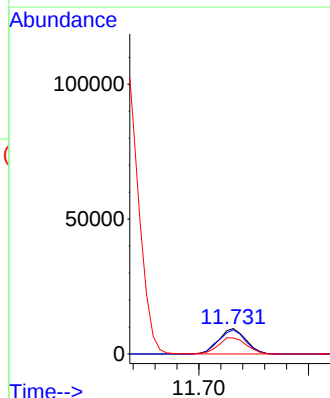
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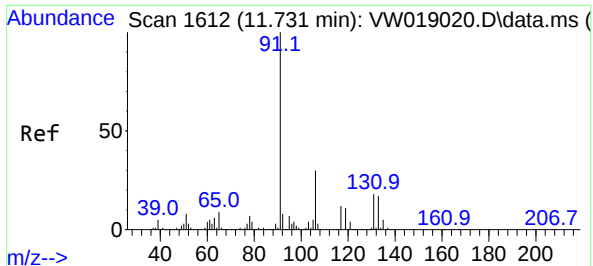


#66
1,1,1,2-Tetrachloroethane
Concen: 3.90 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW019030.D
Acq: 18 May 2021 21:06



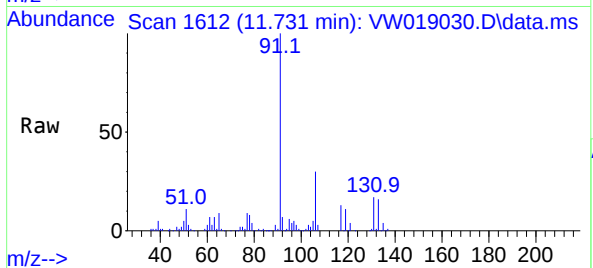
Tgt Ion:131 Resp: 16086
Ion Ratio Lower Upper
131 100
133 95.6 48.1 144.3
119 66.9 33.1 99.2





#67
Ethyl Benzene
Concen: 4.02 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW019030.D
Acq: 18 May 2021 21:06

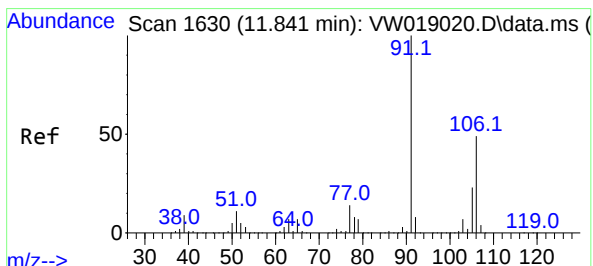
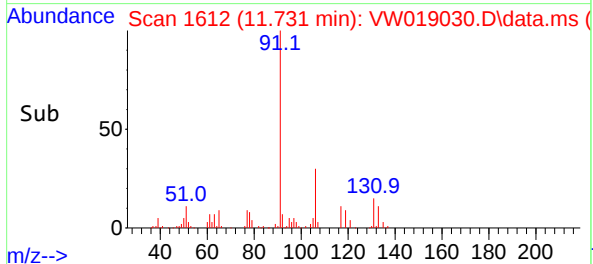
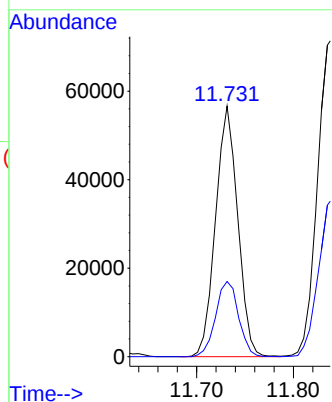
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



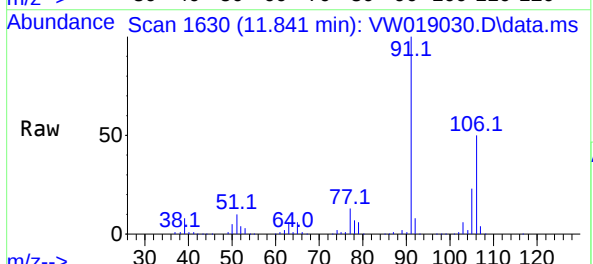
Tgt Ion: 91 Resp: 89973
Ion Ratio Lower Upper
91 100
106 30.0 24.0 36.0

Manual Integrations
APPROVED

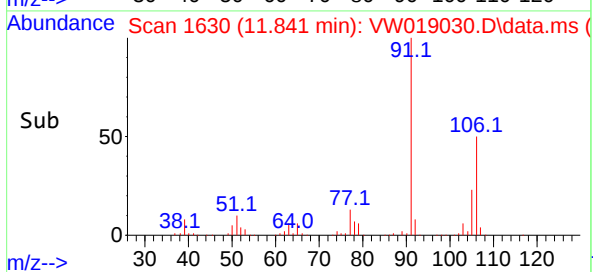
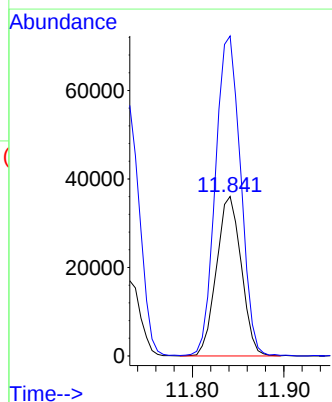
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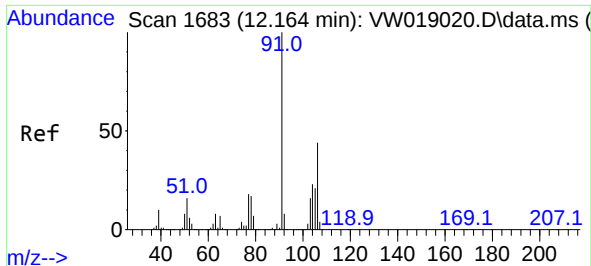


#68
m/p-Xylenes
Concen: 8.10 ug/l
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW019030.D
Acq: 18 May 2021 21:06



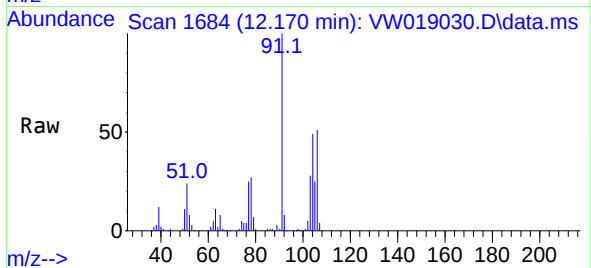
Tgt Ion: 106 Resp: 68072
Ion Ratio Lower Upper
106 100
91 203.7 164.2 246.2





#69
o-Xylene
Concen: 4.02 ug/l
RT: 12.170 min Scan# 1684
Delta R.T. 0.006 min
Lab File: VW019030.D
Acq: 18 May 2021 21:06

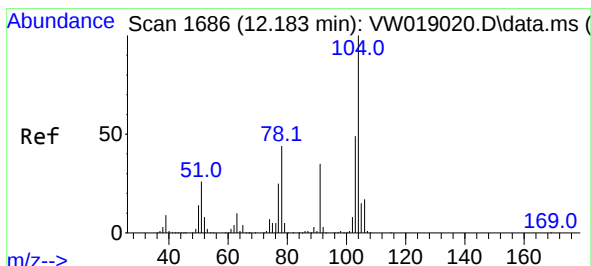
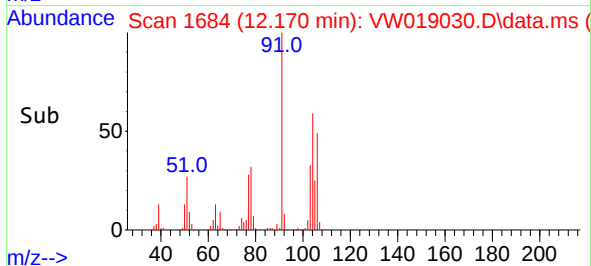
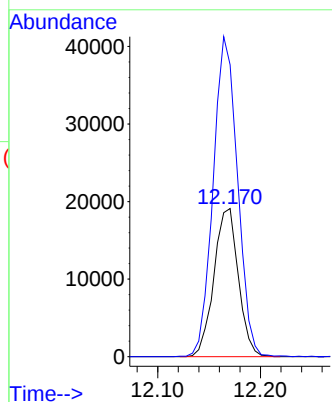
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



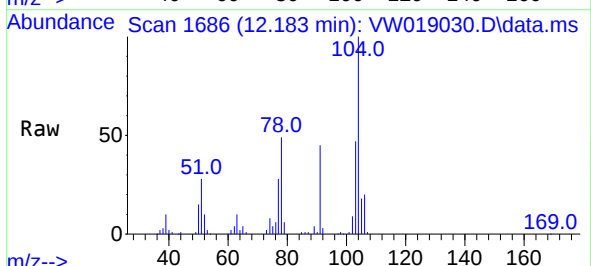
Tgt Ion:106 Resp: 31474
Ion Ratio Lower Upper
106 100
91 216.0 109.1 327.2

Manual Integrations
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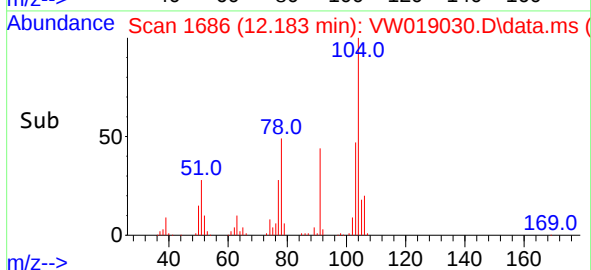
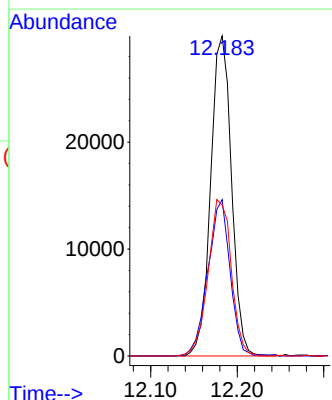
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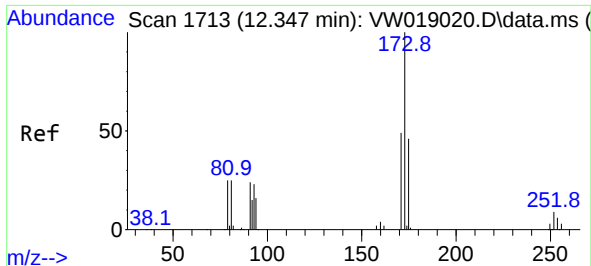


#70
Styrene
Concen: 3.76 ug/l
RT: 12.183 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW019030.D
Acq: 18 May 2021 21:06



Tgt Ion:104 Resp: 50037
Ion Ratio Lower Upper
104 100
78 52.1 41.3 61.9
103 54.4 44.1 66.1





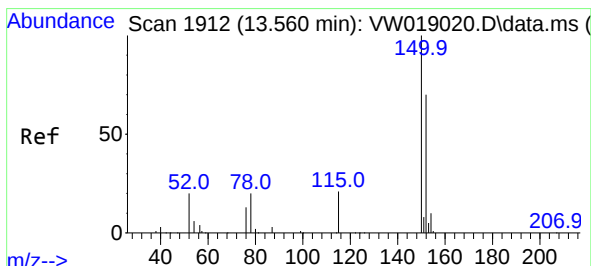
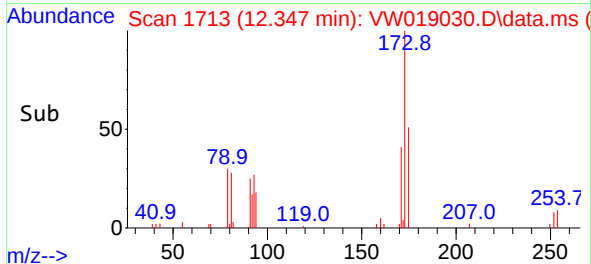
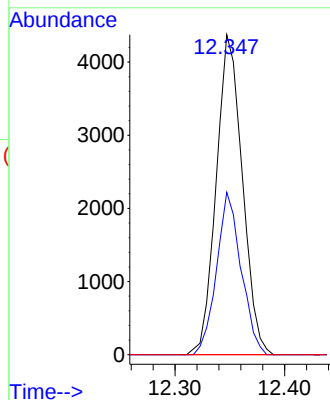
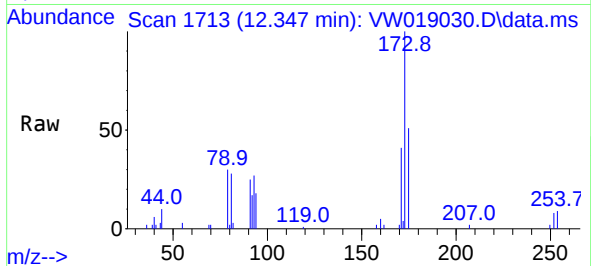
#71
Bromoform
Concen: 3.49 ug/l
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW019030.D
Acq: 18 May 2021 21:06

Tgt Ion:	173	Resp:	7238
Ion Ratio	Lower	Upper	
173	100		
175	47.7	24.6	73.8
254	0.0	0.1	0.1#

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

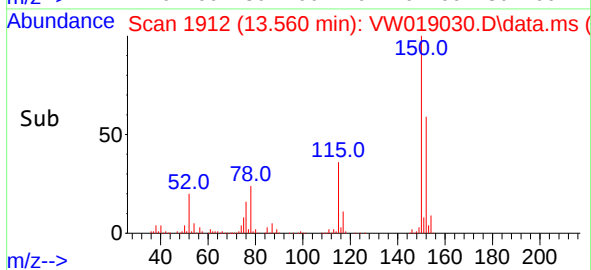
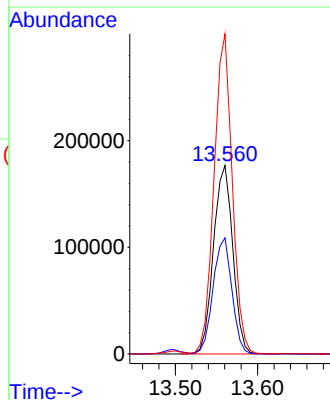
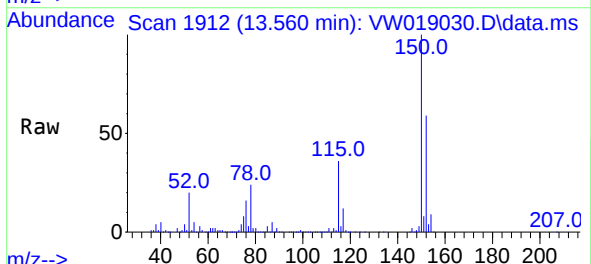
Manual Integrations
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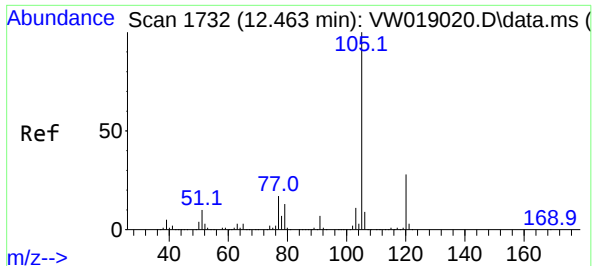
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VW019030.D
Acq: 18 May 2021 21:06

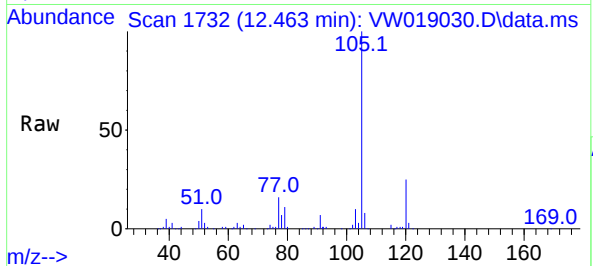
Tgt Ion:	152	Resp:	287250
Ion Ratio	Lower	Upper	
152	100		
115	60.1	30.3	90.8
150	160.1	0.0	356.0





#73
Isopropylbenzene
Concen: 4.06 ug/l
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW019030.D
Acq: 18 May 2021 21:06

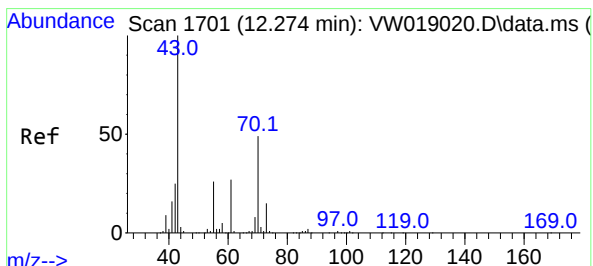
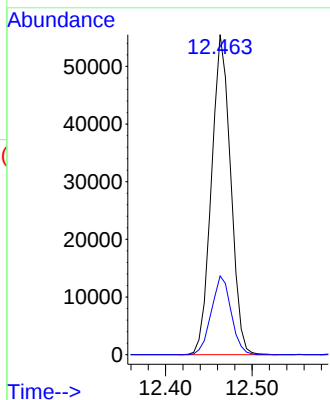
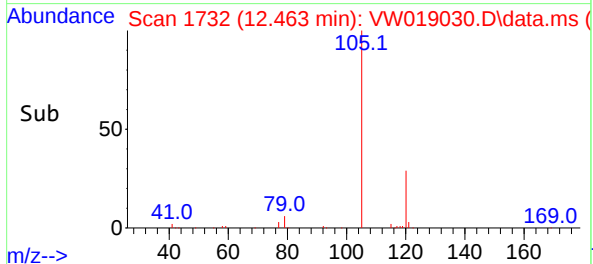
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



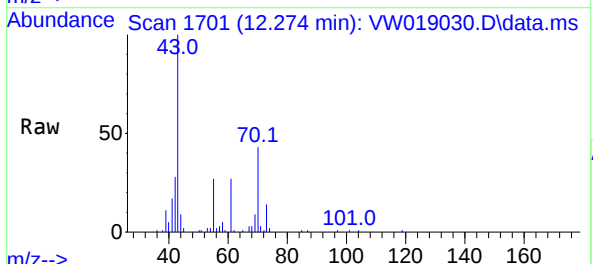
Tgt Ion:105 Resp: 85526
Ion Ratio Lower Upper
105 100
120 25.3 13.2 39.5

Manual Integrations
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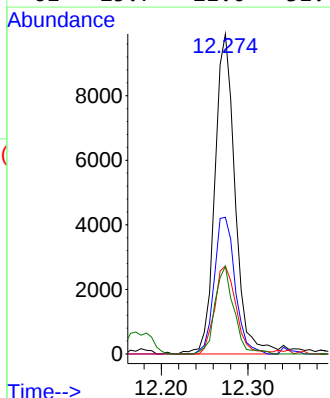
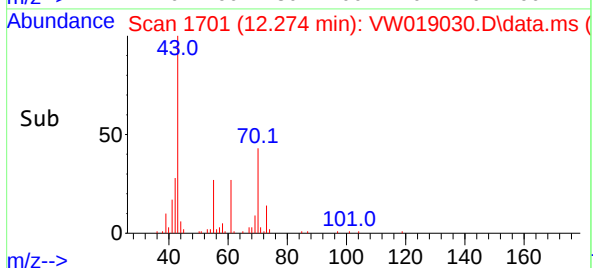
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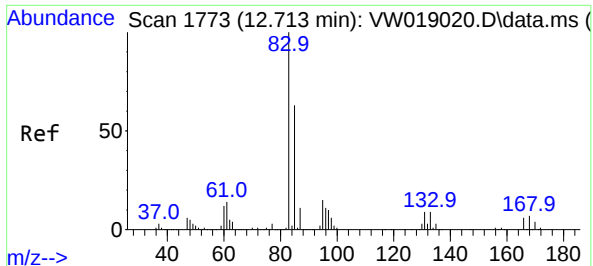


#74
N-ethyl acetate
Concen: 3.70 ug/l
RT: 12.274 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VW019030.D
Acq: 18 May 2021 21:06



Tgt Ion: 43 Resp: 16067
Ion Ratio Lower Upper
43 100
70 44.2 38.4 57.6
55 29.2 21.6 32.4
61 25.7 21.0 31.4





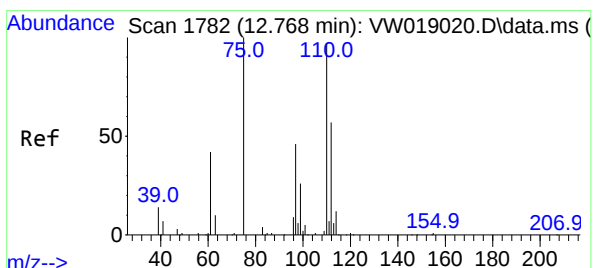
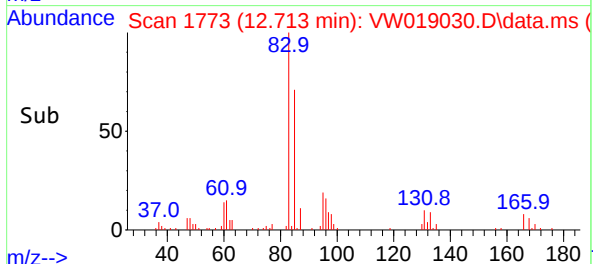
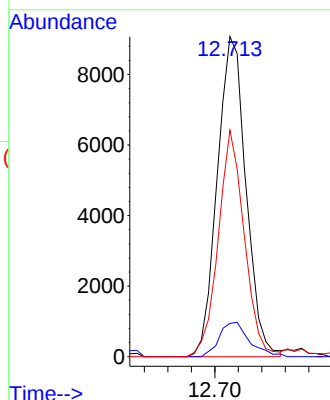
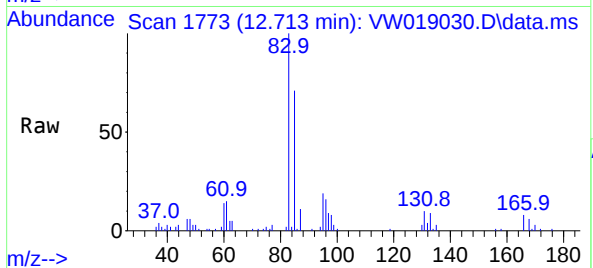
#75
1,1,2,2-Tetrachloroethane
Concen: 4.09 ug/l
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW019030.D
Acq: 18 May 2021 21:06

Tgt Ion:	83	Resp:	15396
Ion Ratio	Lower	Upper	
83	100		
131	11.3	5.1	15.2
85	64.3	31.6	94.8

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

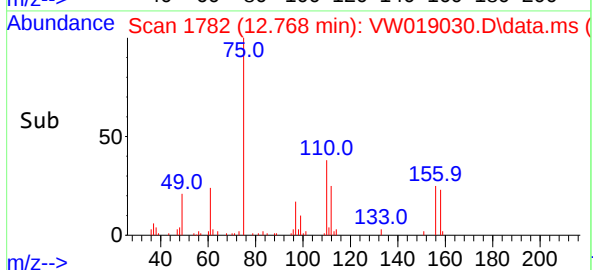
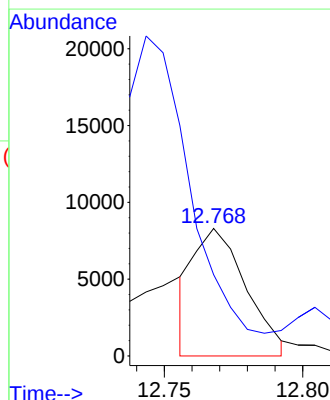
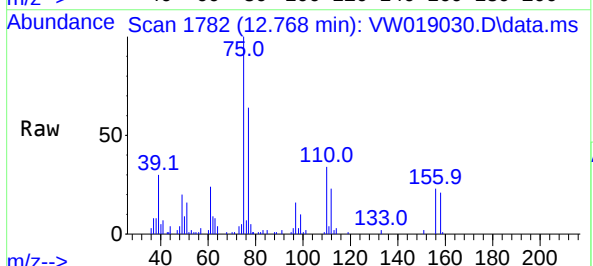
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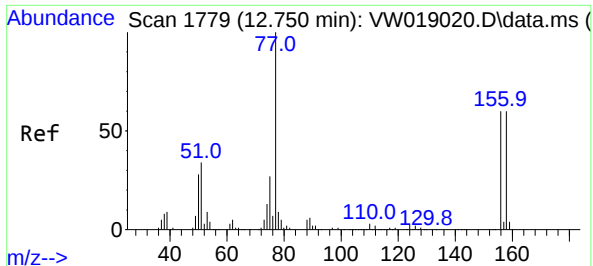
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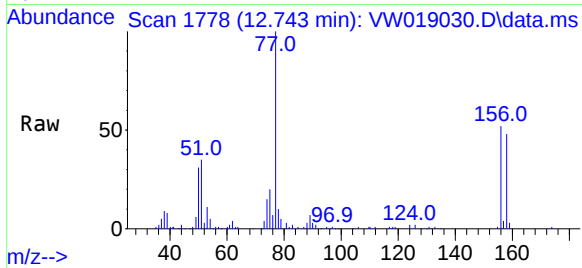
#76
1,2,3-Trichloropropane
Concen: 4.00 ug/l m
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW019030.D
Acq: 18 May 2021 21:06

Tgt Ion:	75	Resp:	10862
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0

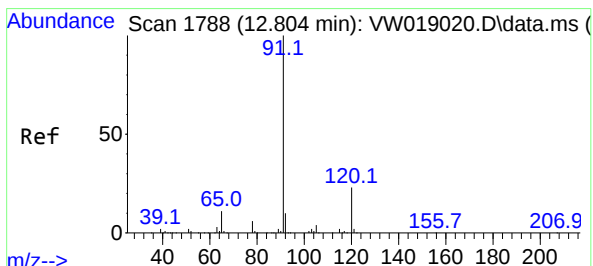
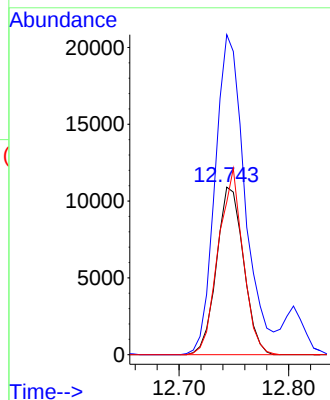
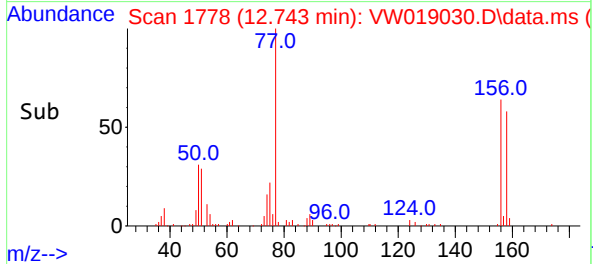




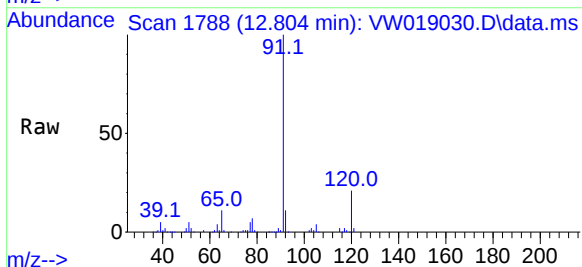
#77
Bromobenzene
Concen: 4.03 ug/l
RT: 12.743 min Scan# 1778
Delta R.T. -0.006 min
Lab File: VW019030.D
Acq: 18 May 2021 21:06



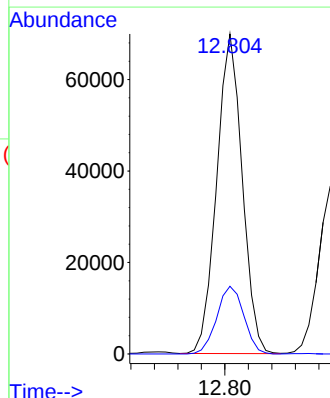
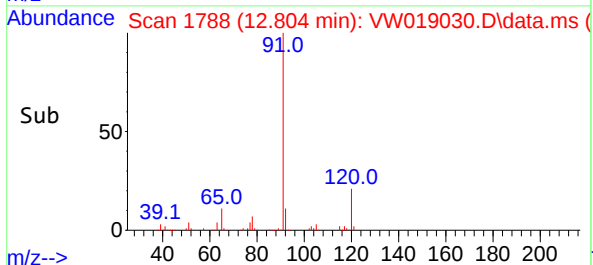
Tgt Ion: 156 Resp: 18727
Ion Ratio Lower Upper
156 100
77 210.1 96.7 290.0
158 101.3 48.4 145.3



#78
n-propylbenzene
Concen: 4.09 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. -0.000 min
Lab File: VW019030.D
Acq: 18 May 2021 21:06



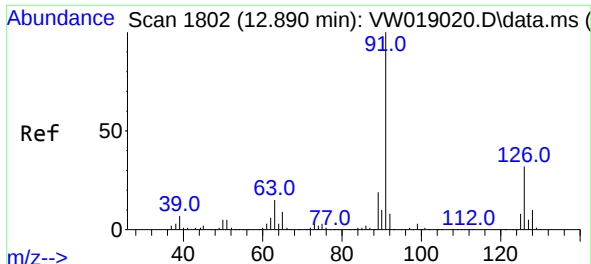
Tgt Ion: 91 Resp: 105337
Ion Ratio Lower Upper
91 100
120 22.4 11.1 33.3



Instrument :
MSVOA_W
ClientSampleId :
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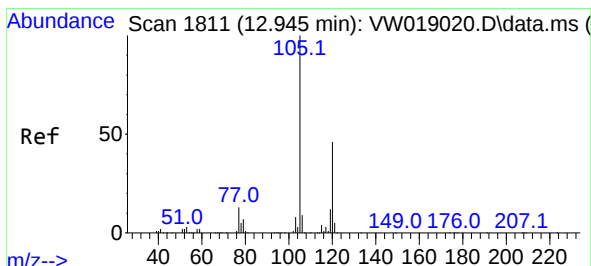
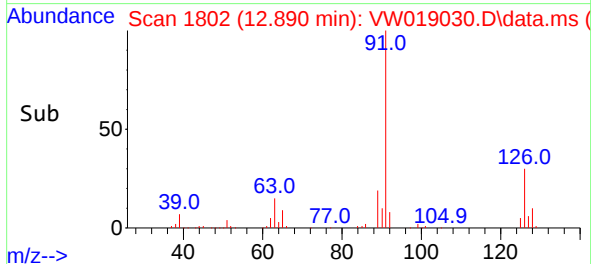
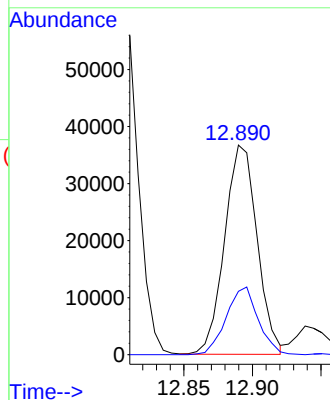
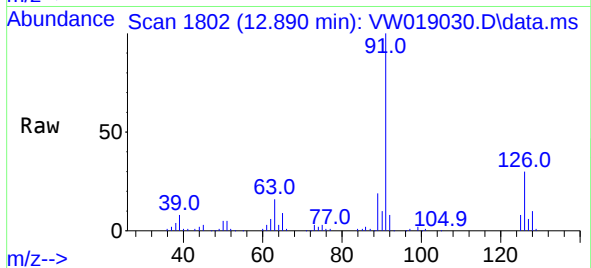
#79
2-Chlorotoluene
Concen: 4.13 ug/l
RT: 12.890 min Scan# 1802
Delta R.T. -0.000 min
Lab File: VW019030.D
Acq: 18 May 2021 21:06

Tgt Ion: 91 Resp: 60558
Ion Ratio Lower Upper
91 100
126 31.8 16.5 49.5

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

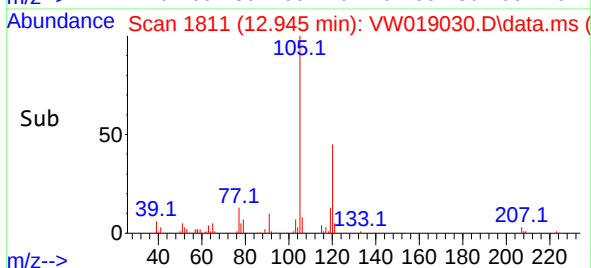
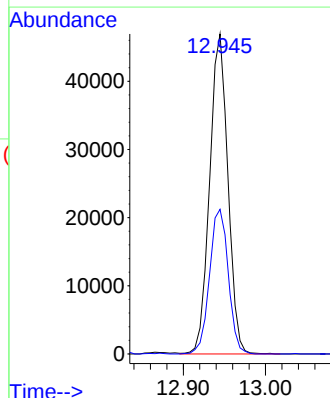
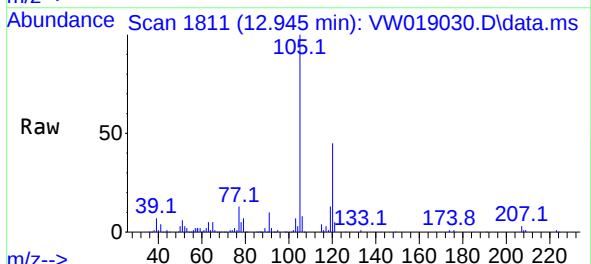
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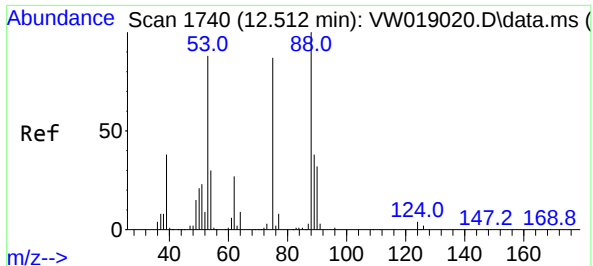
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#80
1,3,5-Trimethylbenzene
Concen: 4.05 ug/l
RT: 12.945 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VW019030.D
Acq: 18 May 2021 21:06

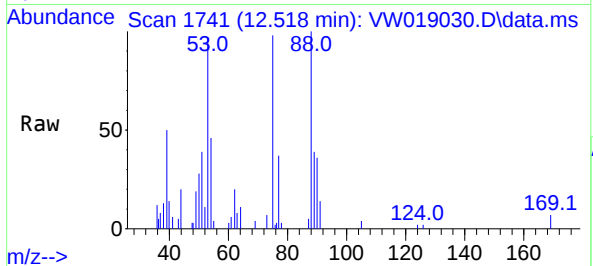
Tgt Ion: 105 Resp: 72360
Ion Ratio Lower Upper
105 100
120 46.4 24.1 72.2





#81
trans-1,4-Dichloro-2-butene
Concen: 3.39 ug/l m
RT: 12.518 min Scan# 1741
Delta R.T. 0.006 min
Lab File: VW019030.D
Acq: 18 May 2021 21:06

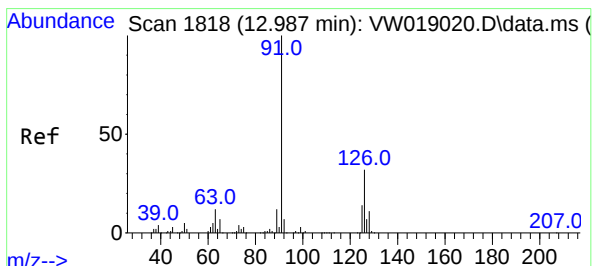
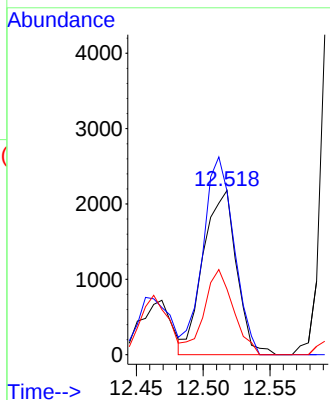
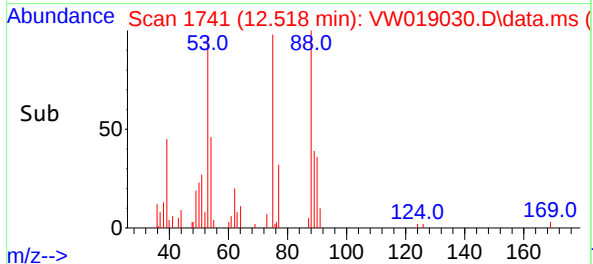
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



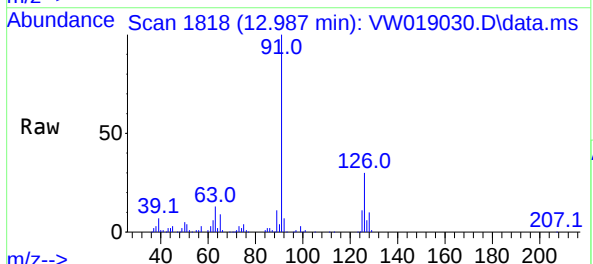
Tgt Ion: 75 Resp: 3774
Ion Ratio Lower Upper
75 100
53 0.0 81.5 122.3#
89 13.4 36.3 54.5#

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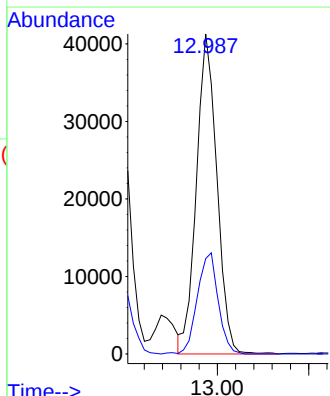
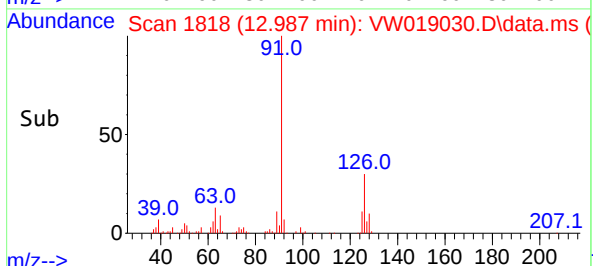
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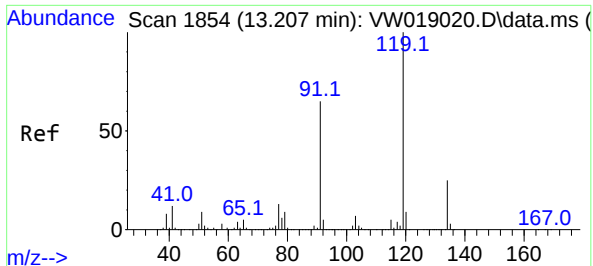


#82
4-Chlorotoluene
Concen: 4.12 ug/l
RT: 12.987 min Scan# 1818
Delta R.T. -0.000 min
Lab File: VW019030.D
Acq: 18 May 2021 21:06

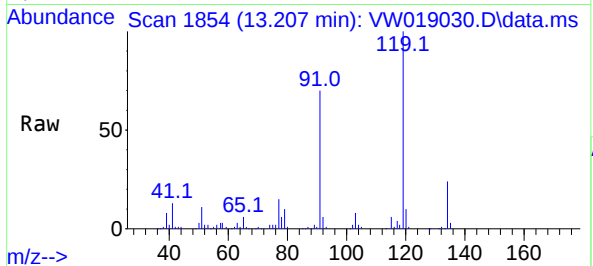


Tgt Ion: 91 Resp: 64166
Ion Ratio Lower Upper
91 100
126 32.1 16.1 48.2

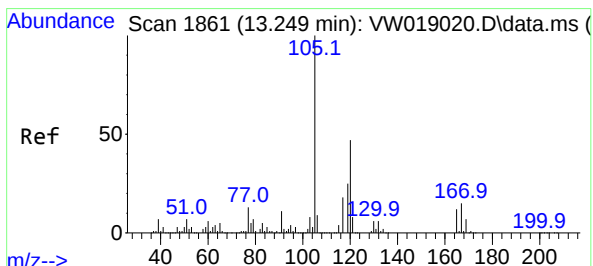
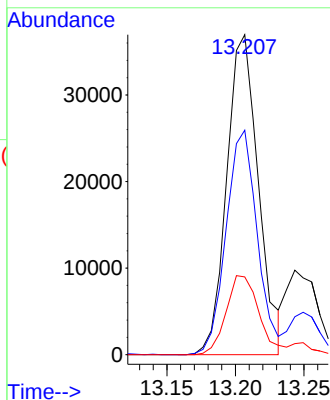
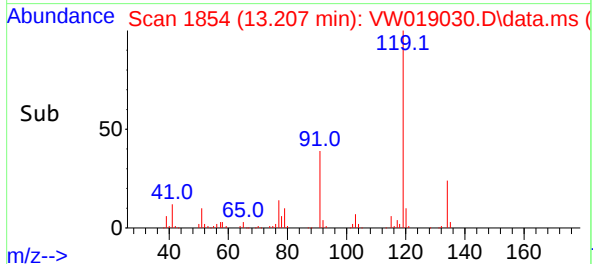




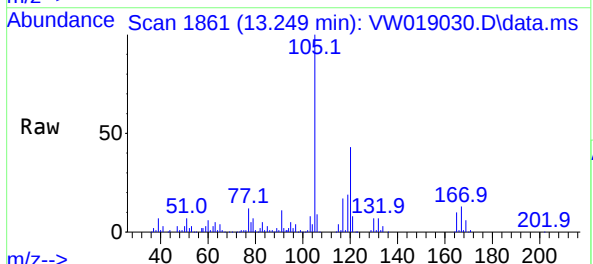
#83
tert-Butylbenzene
Concen: 3.94 ug/l
RT: 13.207 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VW019030.D
Acq: 18 May 2021 21:06



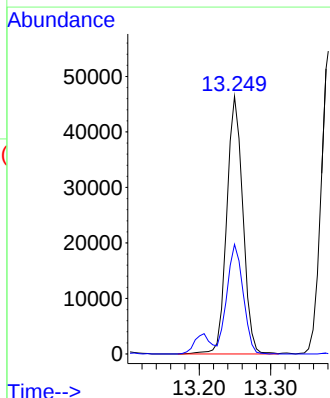
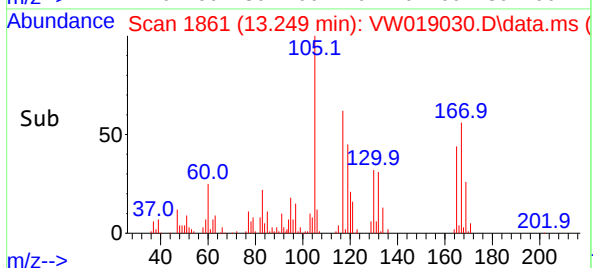
Tgt Ion:119 Resp: 59372
Ion Ratio Lower Upper
119 100
91 69.1 34.0 102.0
134 25.8 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 4.09 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW019030.D
Acq: 18 May 2021 21:06



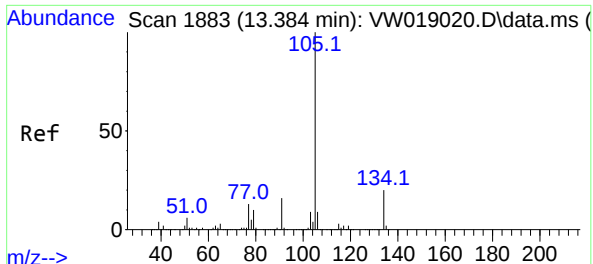
Tgt Ion:105 Resp: 72530
Ion Ratio Lower Upper
105 100
120 42.7 22.4 67.0



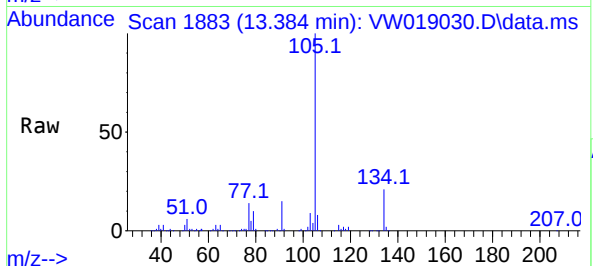
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

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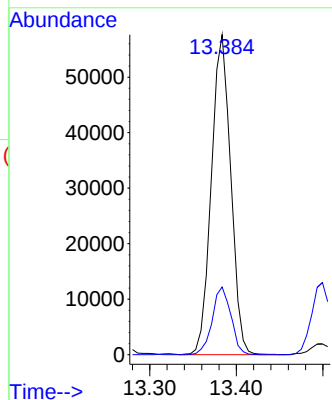
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#85
sec-Butylbenzene
Concen: 4.02 ug/l
RT: 13.384 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VW019030.D
Acq: 18 May 2021 21:06



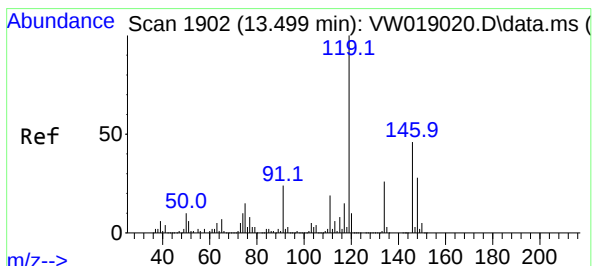
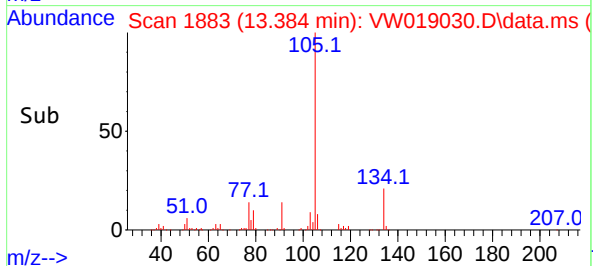
Tgt Ion:105 Resp: 89733
Ion Ratio Lower Upper
105 100
134 20.4 10.1 30.1



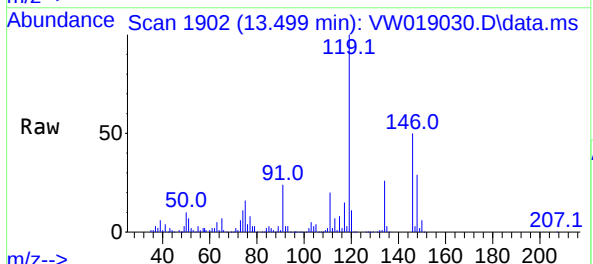
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

Manual Integrations
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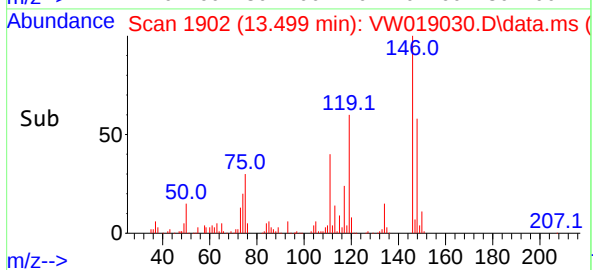
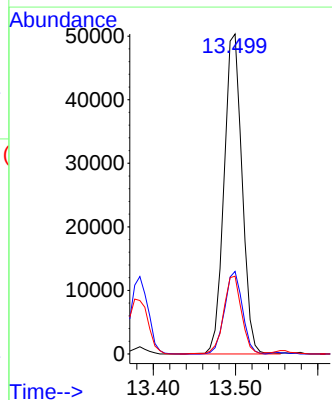
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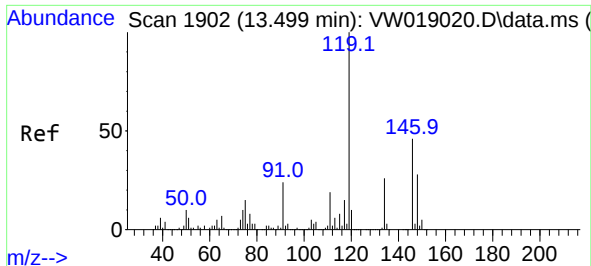


#86
p-Isopropyltoluene
Concen: 3.96 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW019030.D
Acq: 18 May 2021 21:06

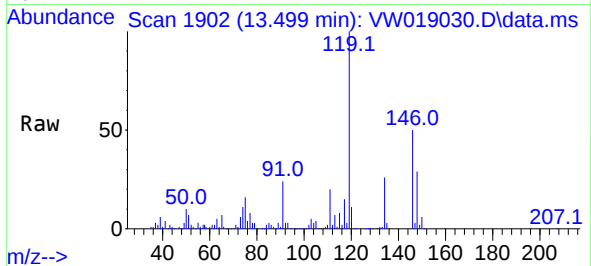


Tgt Ion:119 Resp: 76680
Ion Ratio Lower Upper
119 100
134 25.6 12.8 38.3
91 24.4 12.1 36.3

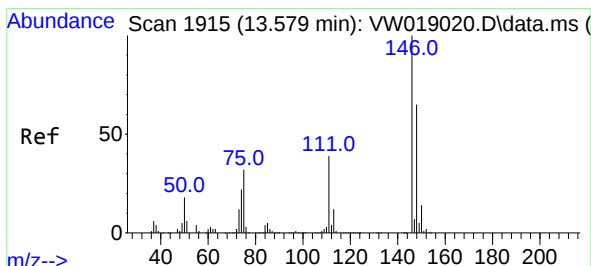
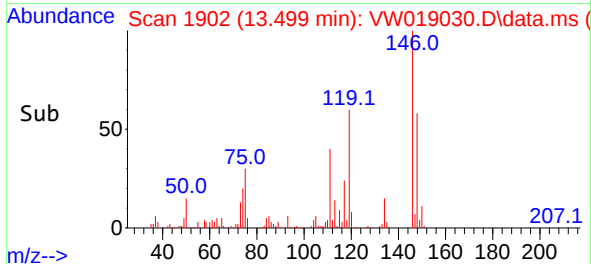
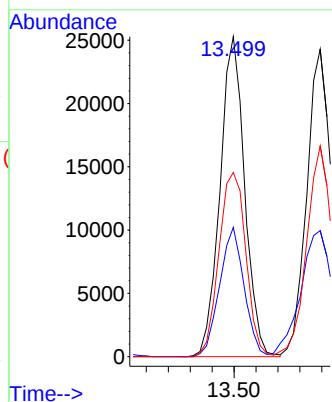




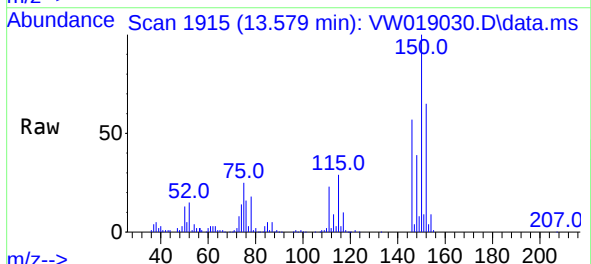
#87
1,3-Dichlorobenzene
Concen: 4.16 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW019030.D
Acq: 18 May 2021 21:06



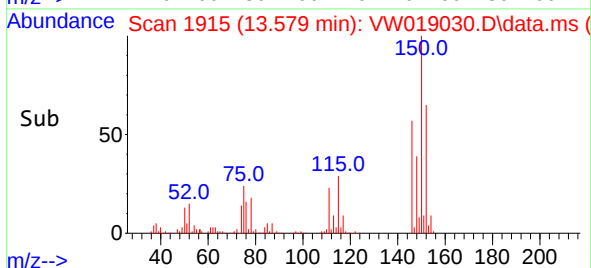
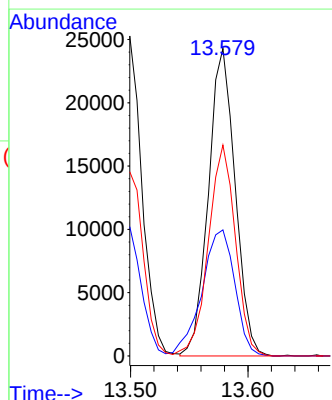
Tgt Ion:146 Resp: 39463
Ion Ratio Lower Upper
146 100
111 40.3 20.7 62.1
148 62.8 31.8 95.3



#88
1,4-Dichlorobenzene
Concen: 4.12 ug/l
RT: 13.579 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW019030.D
Acq: 18 May 2021 21:06



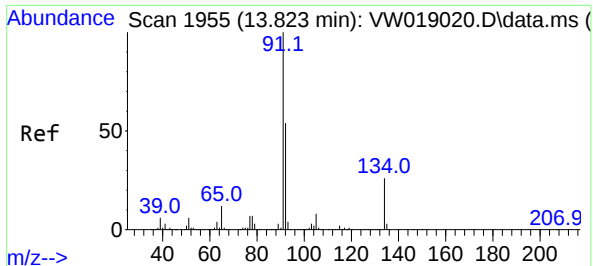
Tgt Ion:146 Resp: 38482
Ion Ratio Lower Upper
146 100
111 50.7 20.1 60.3
148 69.5 32.4 97.2



Instrument :
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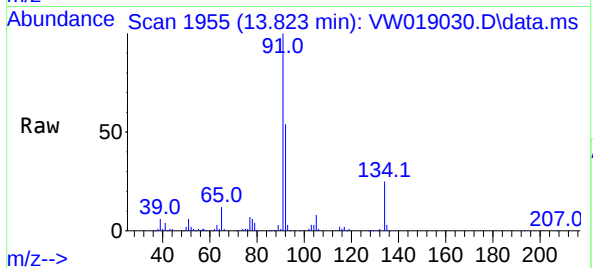
Manual Integrations
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#89
n-Butylbenzene
Concen: 3.97 ug/l
RT: 13.823 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VW019030.D
Acq: 18 May 2021 21:06

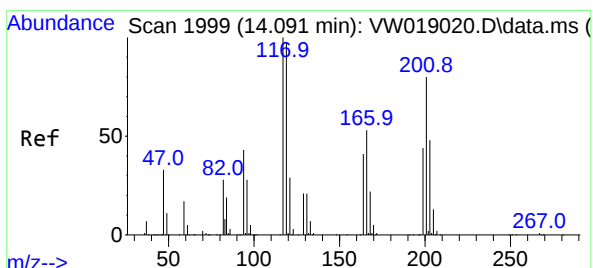
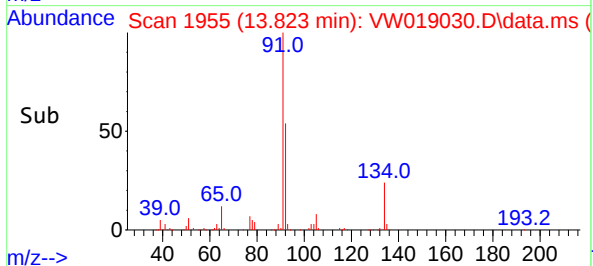
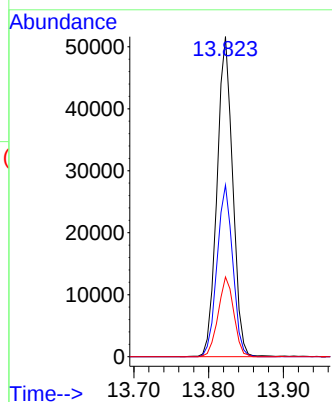
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



Tgt Ion:	91	Resp:	75500
Ion	Ratio	Lower	Upper
91	100		
92	53.6	26.6	79.8
134	24.9	12.7	38.0

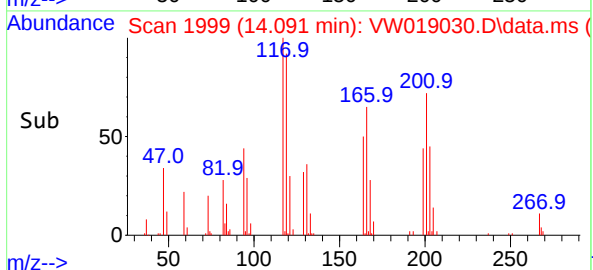
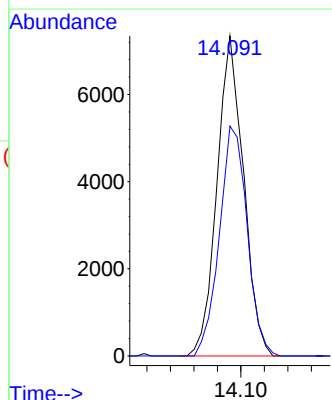
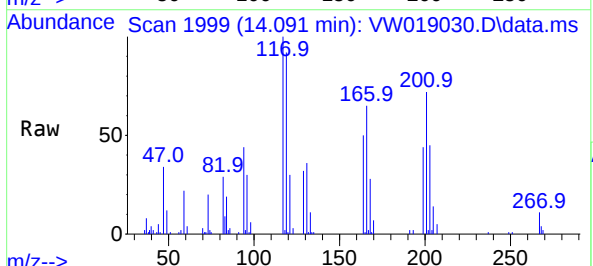
Manual Integrations
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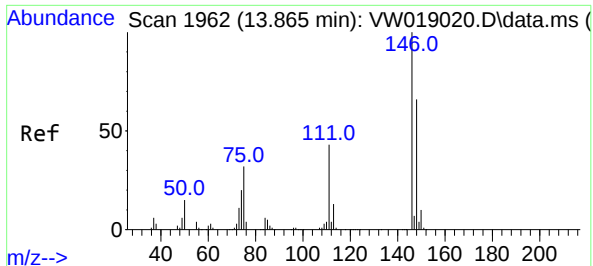
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#90
Hexachloroethane
Concen: 3.79 ug/l
RT: 14.091 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VW019030.D
Acq: 18 May 2021 21:06

Tgt Ion:	117	Resp:	11510
Ion	Ratio	Lower	Upper
117	100		
201	75.3	38.4	115.2





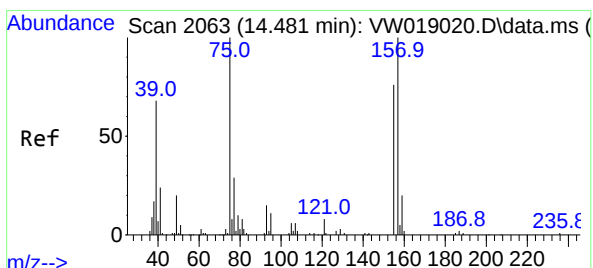
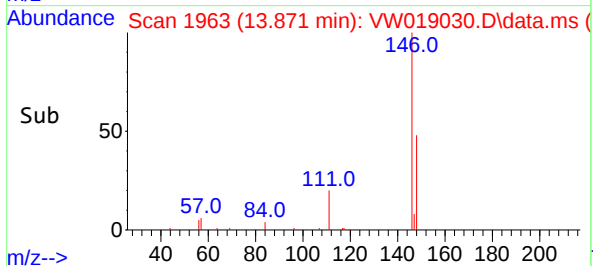
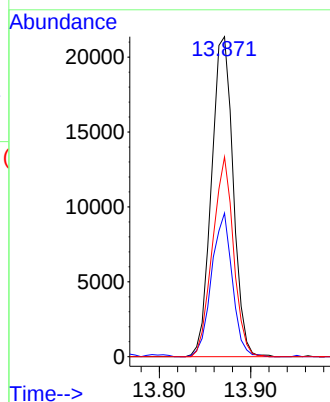
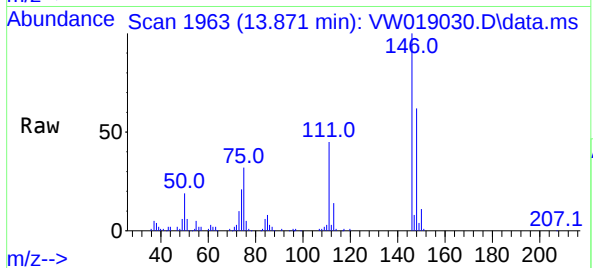
#91
1,2-Dichlorobenzene
Concen: 4.20 ug/l
RT: 13.871 min Scan# 1963
Delta R.T. 0.006 min
Lab File: VW019030.D
Acq: 18 May 2021 21:06

Tgt Ion:	146	Resp:	35189
Ion Ratio	Lower	Upper	
146	100		
111	42.9	21.1	63.1
148	60.5	32.6	97.7

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

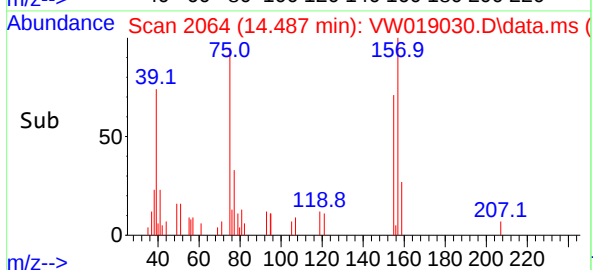
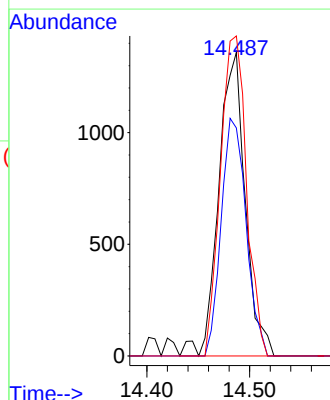
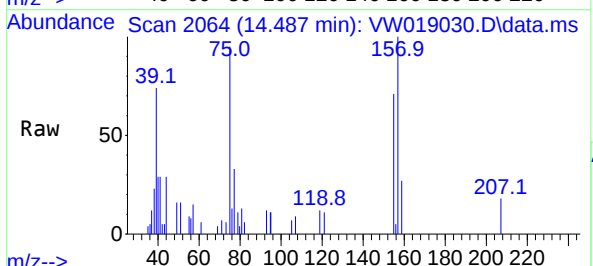
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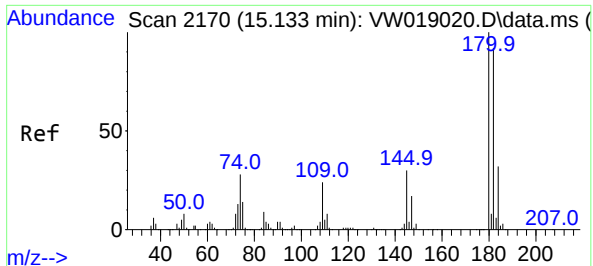
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#92
1,2-Dibromo-3-Chloropropane
Concen: 4.06 ug/l
RT: 14.487 min Scan# 2064
Delta R.T. 0.006 min
Lab File: VW019030.D
Acq: 18 May 2021 21:06

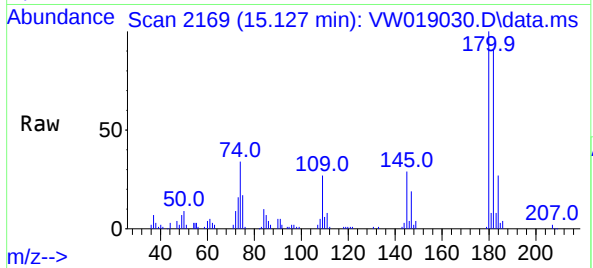
Tgt Ion:	75	Resp:	2441
Ion Ratio	Lower	Upper	
75	100		
155	73.3	41.3	124.1
157	103.3	51.2	153.6





#93
1,2,4-Trichlorobenzene
Concen: 4.21 ug/l
RT: 15.127 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VW019030.D
Acq: 18 May 2021 21:06

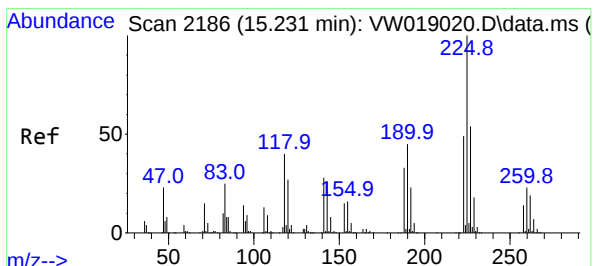
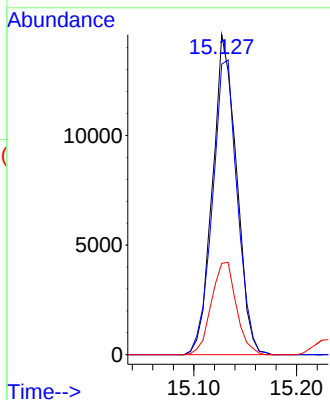
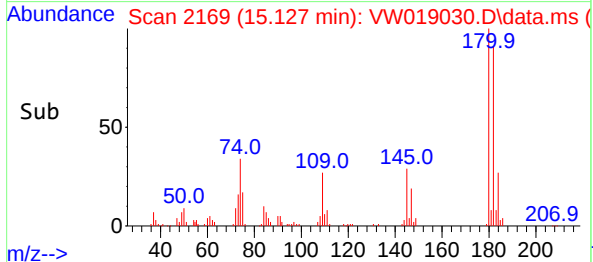
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



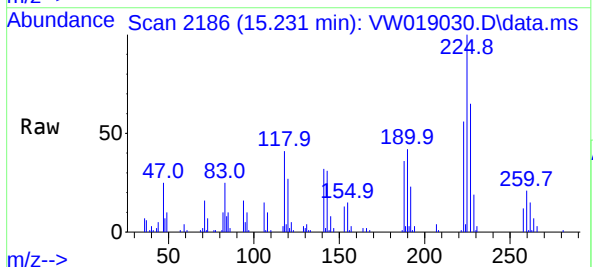
Tgt Ion:180 Resp: 23649
Ion Ratio Lower Upper
180 100
182 95.2 48.9 146.7
145 30.0 15.4 46.1

Manual Integrations
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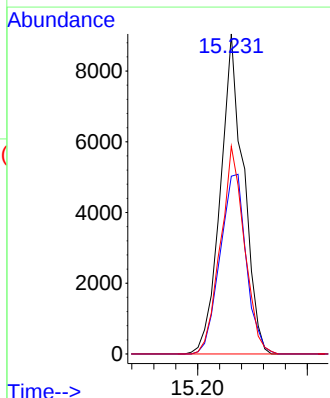
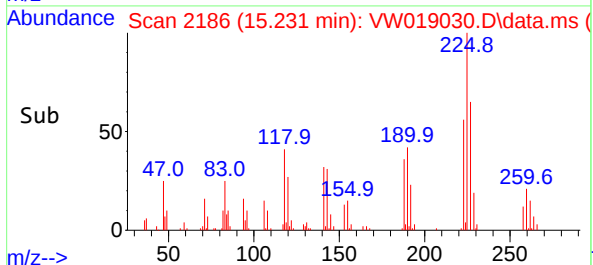
MMDadoda
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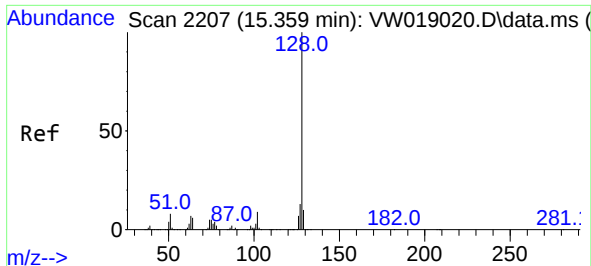


#94
Hexachlorobutadiene
Concen: 4.09 ug/l
RT: 15.231 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VW019030.D
Acq: 18 May 2021 21:06



Tgt Ion:225 Resp: 13266
Ion Ratio Lower Upper
225 100
223 63.5 29.6 88.8
227 66.9 30.4 91.3





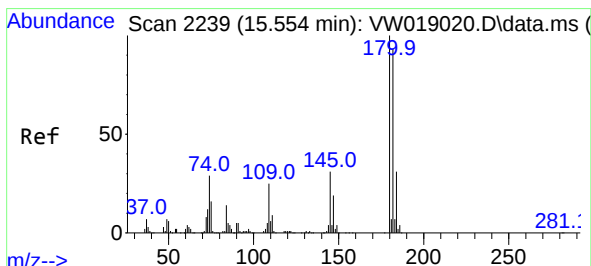
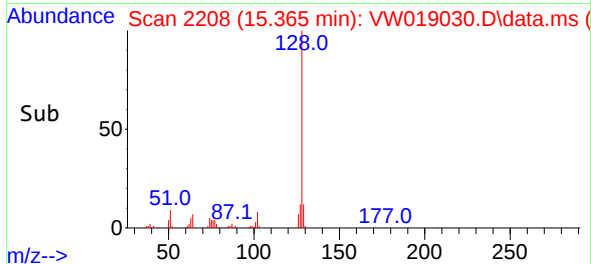
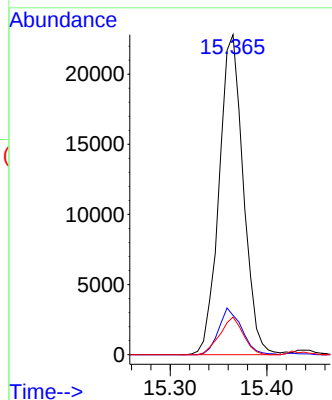
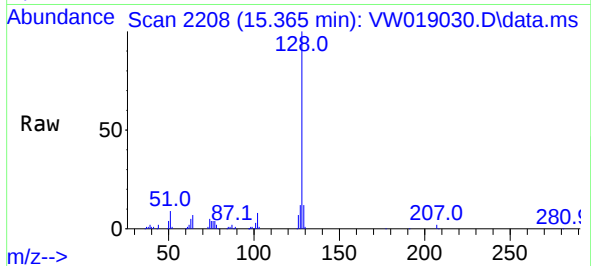
#95
Naphthalene
Concen: 3.87 ug/l
RT: 15.365 min Scan# 2208
Delta R.T. 0.006 min
Lab File: VW019030.D
Acq: 18 May 2021 21:06

Tgt Ion:	128	Resp:	39627
Ion Ratio	Lower	Upper	
128	100		
127	13.9	10.4	15.6
129	11.4	8.5	12.7

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 4.25 ug/l
RT: 15.554 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VW019030.D
Acq: 18 May 2021 21:06

Tgt Ion:	180	Resp:	20672
Ion Ratio	Lower	Upper	
180	100		
182	100.7	47.4	142.3
145	33.3	16.1	48.2

