

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052121\
 Data File : VW019048.D
 Acq On : 20 May 2021 18:29
 Operator : SY/VA
 Sample : M2262-01 4PPBLOD
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: May 21 05:22:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W051921S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 21 05:20:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.945	168	360862	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.841	114	609421	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.628	117	546456	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	266819	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	214589	58.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.60%	
35) Dibromofluoromethane	7.884	113	190173	56.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.10%	
50) Toluene-d8	10.323	98	762076	57.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.12%	
62) 4-Bromofluorobenzene	12.615	95	265122	55.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.14%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.013	85	8957	3.69	ug/l	95
3) Chloromethane	2.215	50	11616	4.31	ug/l	100
4) Vinyl Chloride	2.361	62	15982	4.03	ug/l	94
5) Bromomethane	2.776	94	13994	4.22	ug/l	96
6) Chloroethane	2.928	64	10974	4.03	ug/l	92
7) Trichlorofluoromethane	3.263	101	7494	3.44	ug/l	94
8) Diethyl Ether	3.690	74	8152	4.30	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.074	101	15700	4.46	ug/l	99
10) Methyl Iodide	4.281	142	19913	3.85	ug/l	94
11) Tert butyl alcohol	5.171	59	7300	34.06	ug/l #	90
12) 1,1-Dichloroethene	4.050	96	14596	4.06	ug/l	94
13) Acrolein	3.897	56	4997	20.56	ug/l	99
14) Allyl chloride	4.672	41	18141	3.88	ug/l	98
15) Acrylonitrile	5.379	53	14504	20.41	ug/l	97
16) Acetone	4.135	43	16110	27.84	ug/l	99
17) Carbon Disulfide	4.391	76	37598	3.83	ug/l	98
18) Methyl Acetate	4.678	43	8200	4.81	ug/l	96
19) Methyl tert-butyl Ether	5.434	73	19292	4.28	ug/l	100
20) Methylene Chloride	4.921	84	59527	11.47	ug/l	99
21) trans-1,2-Dichloroethene	5.427	96	16612	4.05	ug/l	95
22) Diisopropyl ether	6.311	45	38347	4.03	ug/l	93
23) Vinyl Acetate	6.257	43	116171	18.15	ug/l	98
24) 1,1-Dichloroethane	6.220	63	31059	4.22	ug/l	99
25) 2-Butanone	7.177	43	21147	22.25	ug/l	99
26) 2,2-Dichloropropane	7.171	77	18197	4.58	ug/l	92
27) cis-1,2-Dichloroethene	7.171	96	18793	4.12	ug/l	96
28) Bromochloromethane	7.512	49	13706	4.57	ug/l	99
29) Tetrahydrofuran	7.537	42	11076	19.92	ug/l	98
30) Chloroform	7.677	83	32253	4.31	ug/l	93
31) Cyclohexane	7.951	56	32496	5.28	ug/l #	79
32) 1,1,1-Trichloroethane	7.872	97	22981	4.13	ug/l	95
36) 1,1-Dichloropropene	8.086	75	25438	4.19	ug/l	98
37) Ethyl Acetate	7.250	43	10594	4.51	ug/l #	66
38) Carbon Tetrachloride	8.067	117	21395	4.00	ug/l	99
39) Methylcyclohexane	9.335	83	28913	4.31	ug/l	98
40) Benzene	8.323	78	70088	4.13	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.488	41	4888	3.81	ug/l	96
42) 1,2-Dichloroethane	8.403	62	21580	4.29	ug/l	97
43) Isopropyl Acetate	8.427	43	17351	3.96	ug/l	97
44) Trichloroethene	9.091	130	18420	4.21	ug/l	96
45) 1,2-Dichloropropane	9.366	63	16651	4.06	ug/l #	88
46) Dibromomethane	9.457	93	9050	4.06	ug/l	99
47) Bromodichloromethane	9.646	83	21914	3.96	ug/l	96
48) Methyl methacrylate	9.433	41	7434	3.70	ug/l	92
49) 1,4-Dioxane	9.469	88	2179	85.80	ug/l #	83
51) 4-Methyl-2-Pentanone	10.213	43	46727	20.60	ug/l	98
52) Toluene	10.384	92	43830	4.08	ug/l	96
53) t-1,3-Dichloropropene	10.609	75	19841	3.64	ug/l	100
54) cis-1,3-Dichloropropene	10.073	75	24657	3.80	ug/l	97
55) 1,1,2-Trichloroethane	10.786	97	13059	4.24	ug/l	97
56) Ethyl methacrylate	10.646	69	13860	3.58	ug/l	95
57) 1,3-Dichloropropane	10.933	76	22743	4.13	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.927	63	42081	21.04	ug/l	99
59) 2-Hexanone	10.969	43	28882	19.15	ug/l	97
60) Dibromochloromethane	11.128	129	12937	3.75	ug/l	99
61) 1,2-Dibromoethane	11.237	107	11760	3.97	ug/l	99
64) Tetrachloroethene	10.866	164	15135	4.26	ug/l	92
65) Chlorobenzene	11.658	112	48022	4.32	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.731	131	14595	3.85	ug/l	97
67) Ethyl Benzene	11.731	91	83695	4.07	ug/l	99
68) m/p-Xylenes	11.841	106	62161	8.05	ug/l	100
69) o-Xylene	12.164	106	28537	3.96	ug/l	99
70) Styrene	12.182	104	46222	3.78	ug/l	99
71) Bromoform	12.347	173	6466	3.40	ug/l #	95
73) Isopropylbenzene	12.463	105	78828	4.03	ug/l	98
74) N-amyl acetate	12.274	43	15038	3.73	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.713	83	14816	4.23	ug/l	97
76) 1,2,3-Trichloropropane	12.768	75	9703m	3.85	ug/l	
77) Bromobenzene	12.749	156	19030	4.41	ug/l	99
78) n-propylbenzene	12.804	91	102632	4.29	ug/l	99
79) 2-Chlorotoluene	12.890	91	58321	4.28	ug/l	99
80) 1,3,5-Trimethylbenzene	12.944	105	69202	4.17	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.512	75	3527m	3.41	ug/l	
82) 4-Chlorotoluene	12.987	91	59842	4.14	ug/l	98
83) tert-Butylbenzene	13.207	119	58778	4.20	ug/l	98
84) 1,2,4-Trimethylbenzene	13.249	105	68269	4.14	ug/l	99
85) sec-Butylbenzene	13.383	105	90116	4.34	ug/l	99
86) p-Isopropyltoluene	13.499	119	75268	4.19	ug/l	99
87) 1,3-Dichlorobenzene	13.499	146	38135	4.33	ug/l	97
88) 1,4-Dichlorobenzene	13.578	146	36917	4.25	ug/l	90
89) n-Butylbenzene	13.822	91	76092	4.30	ug/l	99
90) Hexachloroethane	14.091	117	11486	4.08	ug/l	95
91) 1,2-Dichlorobenzene	13.871	146	32950	4.23	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.481	75	2354	4.21	ug/l	88
93) 1,2,4-Trichlorobenzene	15.133	180	23511	4.51	ug/l	99
94) Hexachlorobutadiene	15.237	225	12607	4.19	ug/l	94
95) Naphthalene	15.365	128	39776	4.19	ug/l	99
96) 1,2,3-Trichlorobenzene	15.548	180	20931	4.64	ug/l	99

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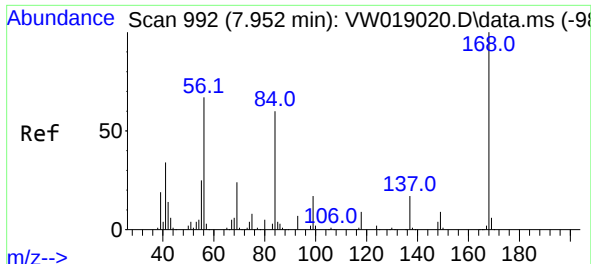
Manual Integrations
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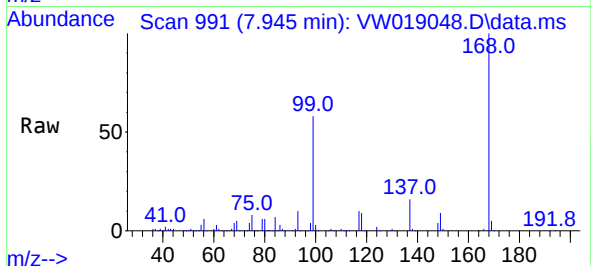
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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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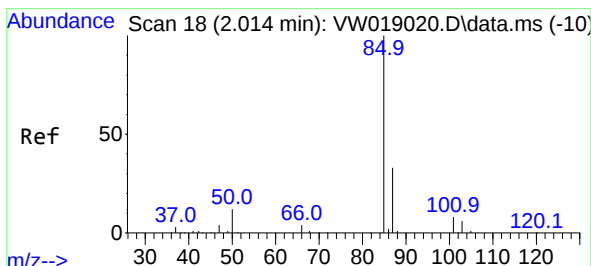
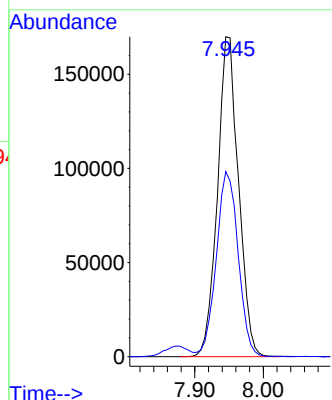
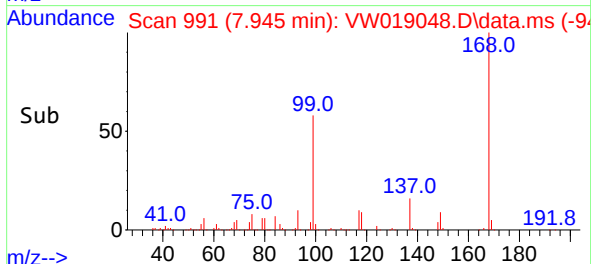
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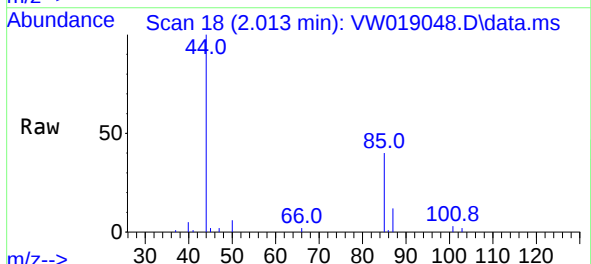
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.007 min
Lab File: VW019048.D
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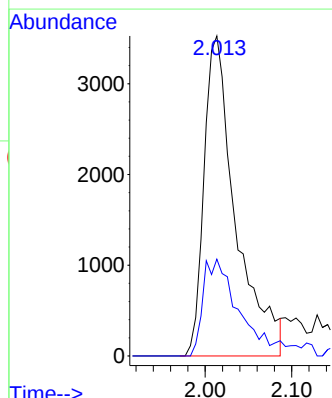
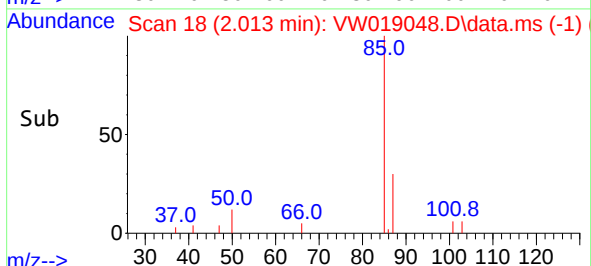
Tgt Ion:168 Resp: 360862
Ion Ratio Lower Upper
168 100
99 57.7 48.8 73.2



#2
Dichlorodifluoromethane
Concen: 3.69 ug/l
RT: 2.013 min Scan# 18
Delta R.T. -0.000 min
Lab File: VW019048.D
Acq: 20 May 2021 18:29



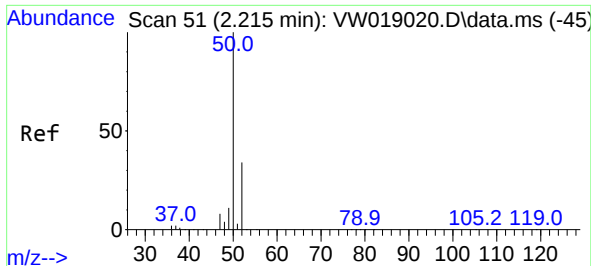
Tgt Ion: 85 Resp: 8957
Ion Ratio Lower Upper
85 100
87 30.2 16.7 50.0



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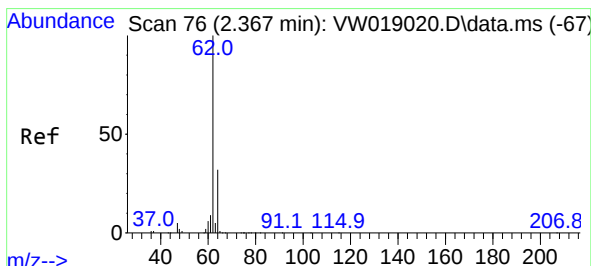
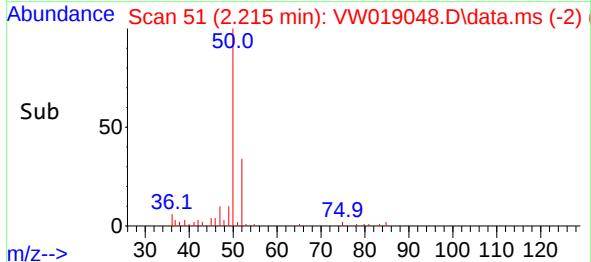
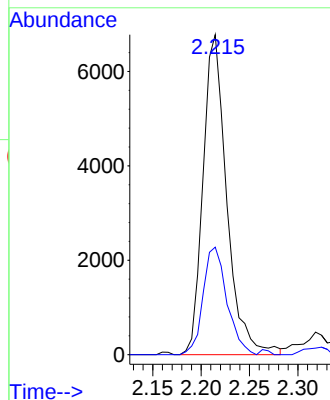
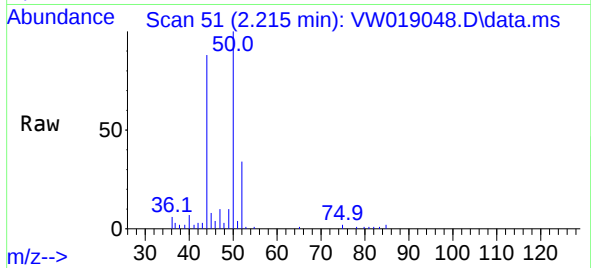
#3
Chloromethane
Concen: 4.31 ug/l
RT: 2.215 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW019048.D
Acq: 20 May 2021 18:29

Tgt Ion: 50 Resp: 11616
Ion Ratio Lower Upper
50 100
52 33.6 26.9 40.3

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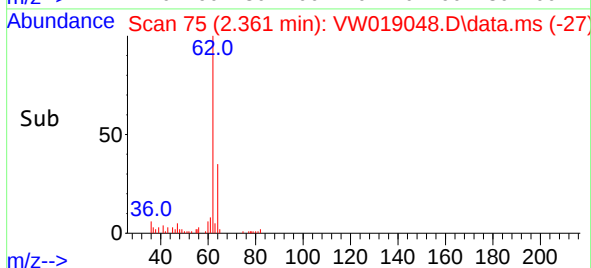
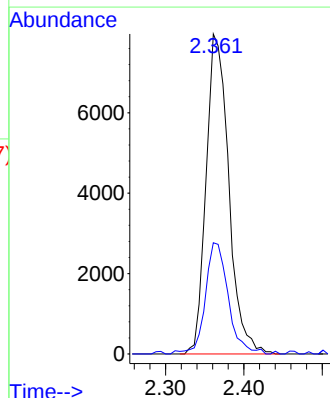
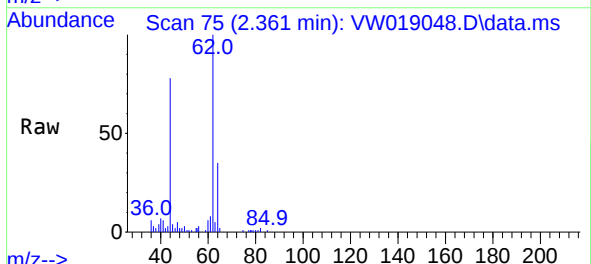
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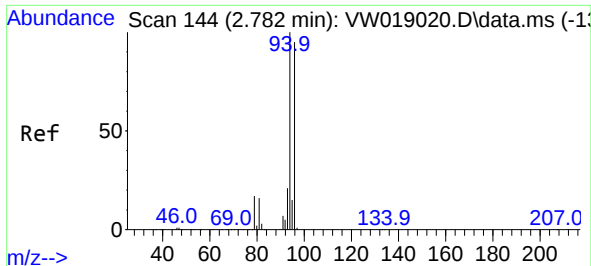
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#4
Vinyl Chloride
Concen: 4.03 ug/l
RT: 2.361 min Scan# 75
Delta R.T. -0.006 min
Lab File: VW019048.D
Acq: 20 May 2021 18:29

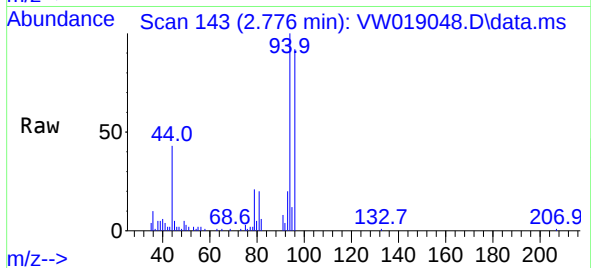
Tgt Ion: 62 Resp: 15982
Ion Ratio Lower Upper
62 100
64 34.8 25.3 37.9





#5
Bromomethane
Concen: 4.22 ug/l
RT: 2.776 min Scan# 143
Delta R.T. -0.006 min
Lab File: VW019048.D
Acq: 20 May 2021 18:29

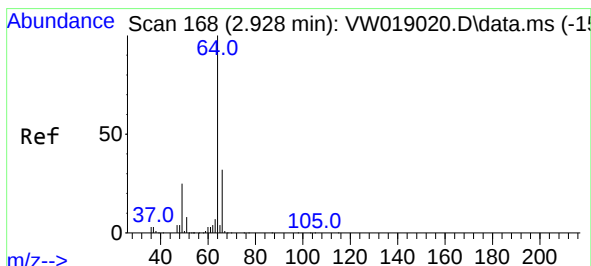
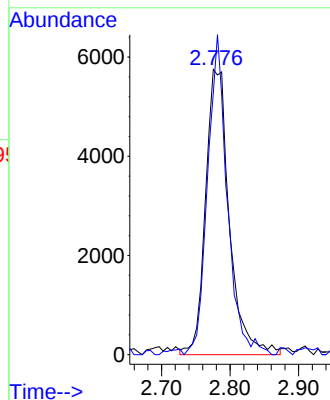
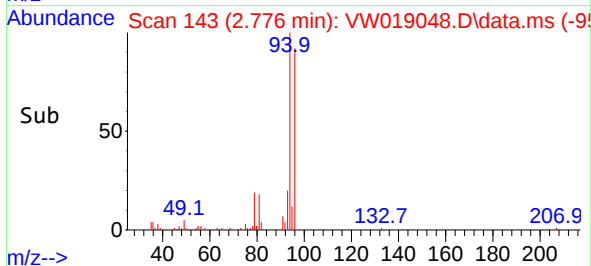
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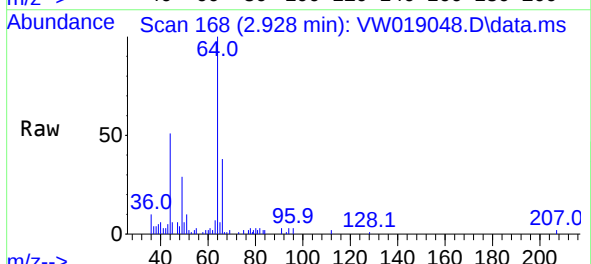
Tgt Ion: 94 Resp: 13994
Ion Ratio Lower Upper
94 100
96 91.3 76.4 114.6

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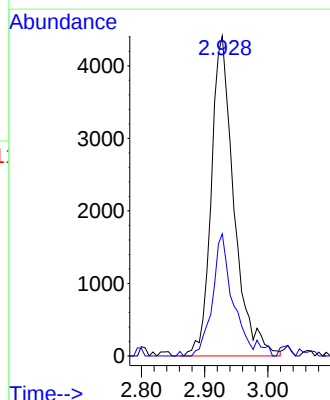
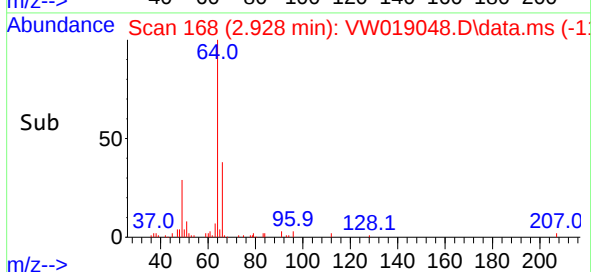
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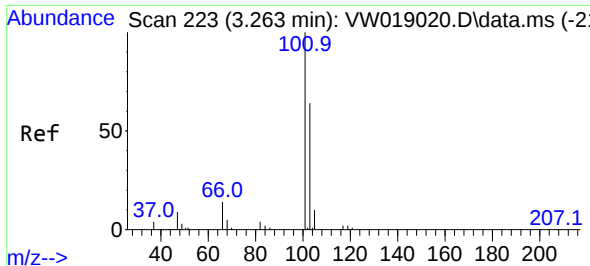


#6
Chloroethane
Concen: 4.03 ug/l
RT: 2.928 min Scan# 168
Delta R.T. -0.000 min
Lab File: VW019048.D
Acq: 20 May 2021 18:29



Tgt Ion: 64 Resp: 10974
Ion Ratio Lower Upper
64 100
66 36.7 25.9 38.9





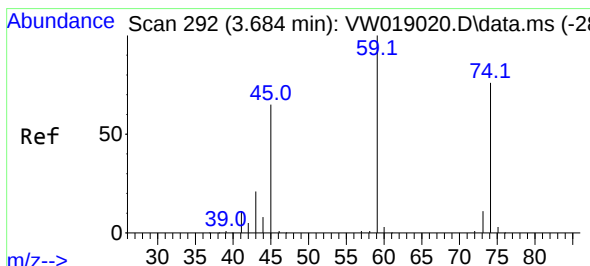
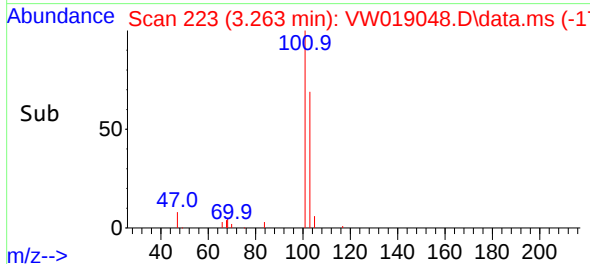
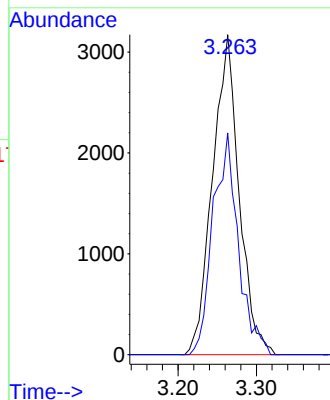
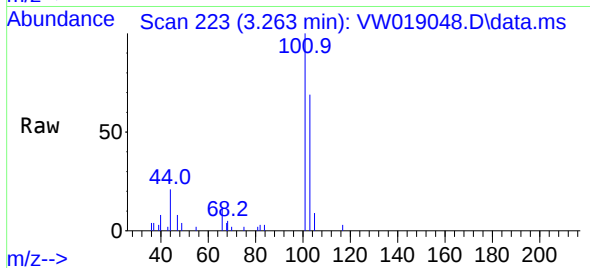
#7
Trichlorofluoromethane
Concen: 3.44 ug/l
RT: 3.263 min Scan# 223
Delta R.T. -0.000 min
Lab File: VW019048.D
Acq: 20 May 2021 18:29

Tgt Ion: 101 Resp: 7494
Ion Ratio Lower Upper
101 100
103 69.3 51.4 77.2

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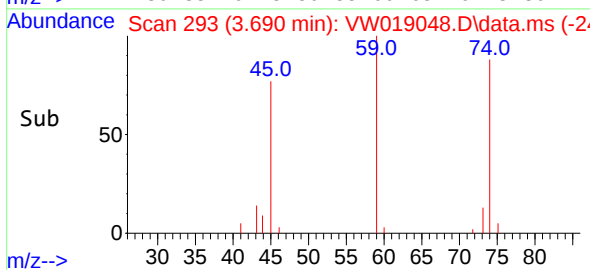
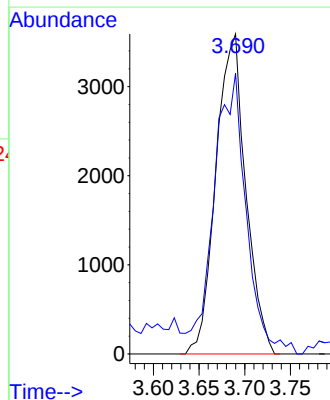
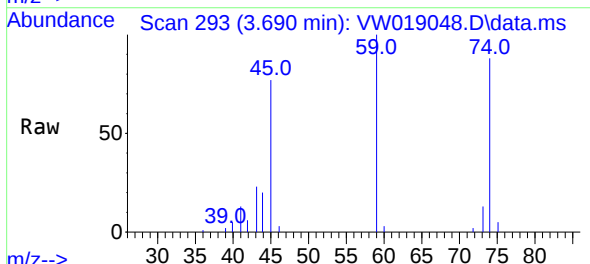
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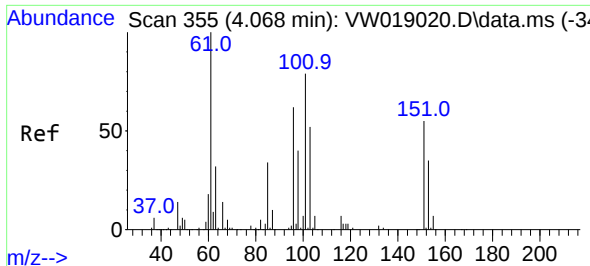
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#8
Diethyl Ether
Concen: 4.30 ug/l
RT: 3.690 min Scan# 293
Delta R.T. 0.006 min
Lab File: VW019048.D
Acq: 20 May 2021 18:29

Tgt Ion: 74 Resp: 8152
Ion Ratio Lower Upper
74 100
45 94.9 43.3 129.8





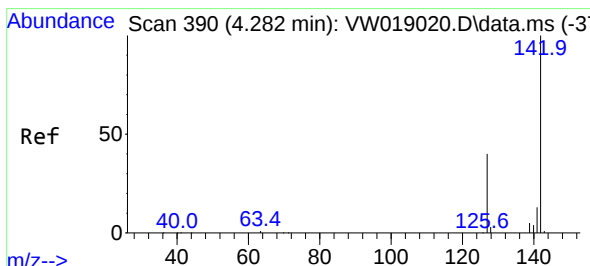
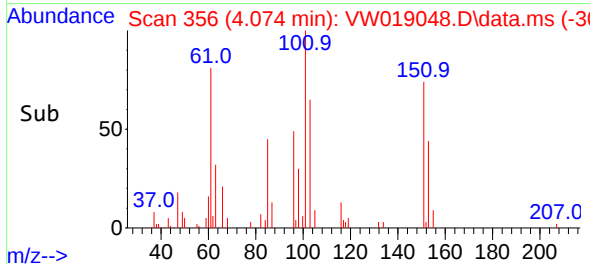
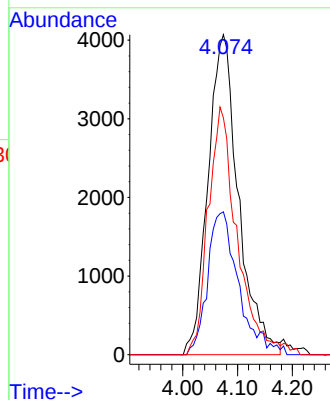
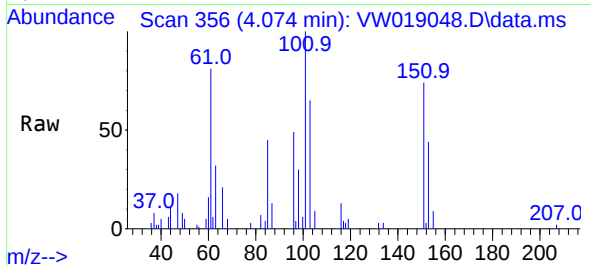
#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.46 ug/l
RT: 4.074 min Scan# 356
Delta R.T. 0.006 min
Lab File: VW019048.D
Acq: 20 May 2021 18:29

Tgt Ion:	101	Resp:	15700
Ion	Ratio	Lower	Upper
101	100		
85	45.5	35.9	53.9
151	73.8	59.8	89.6

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

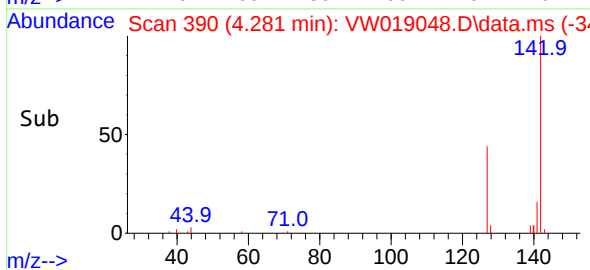
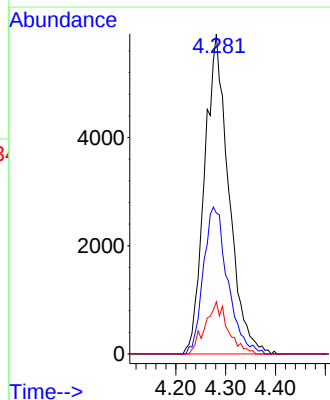
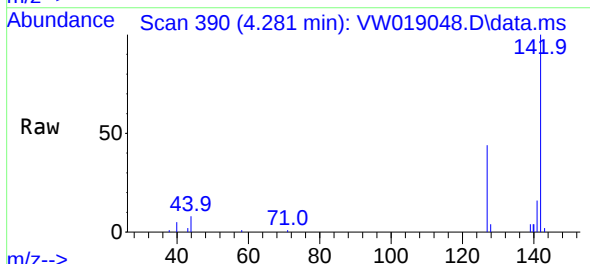
Manual Integrations
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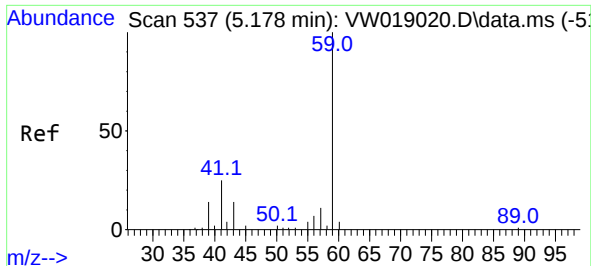
MMDadoda
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#10
Methyl Iodide
Concen: 3.85 ug/l
RT: 4.281 min Scan# 390
Delta R.T. -0.000 min
Lab File: VW019048.D
Acq: 20 May 2021 18:29

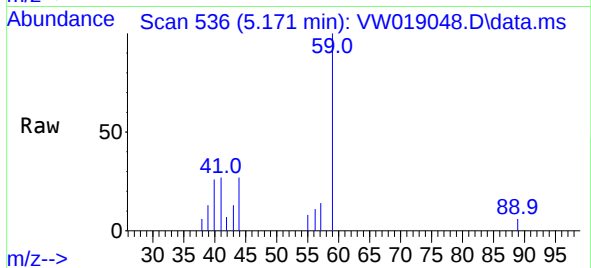
Tgt Ion:	142	Resp:	19913
Ion	Ratio	Lower	Upper
142	100		
127	46.2	33.7	50.5
141	15.3	11.2	16.8





#11
Tert butyl alcohol
Concen: 34.06 ug/l
RT: 5.171 min Scan# 536
Delta R.T. -0.007 min
Lab File: VW019048.D
Acq: 20 May 2021 18:29

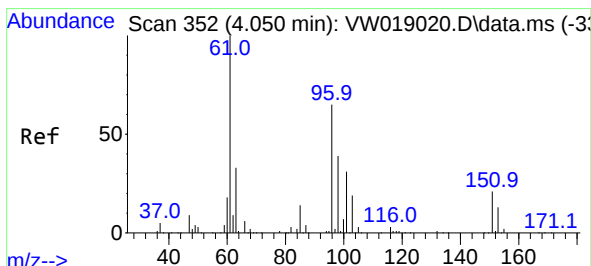
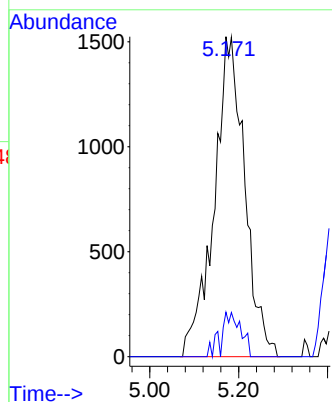
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



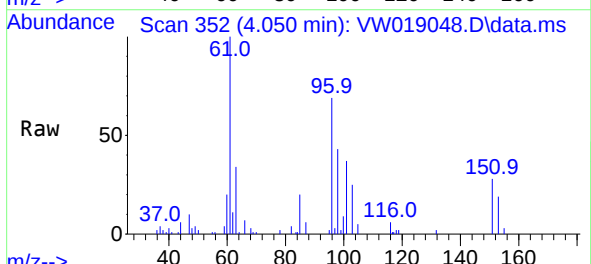
Tgt Ion: 59 Resp: 7300
Ion Ratio Lower Upper
59 100
57 7.5 8.9 13.3#

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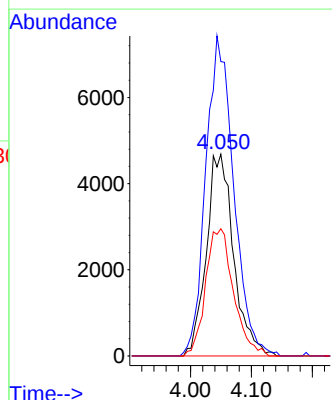
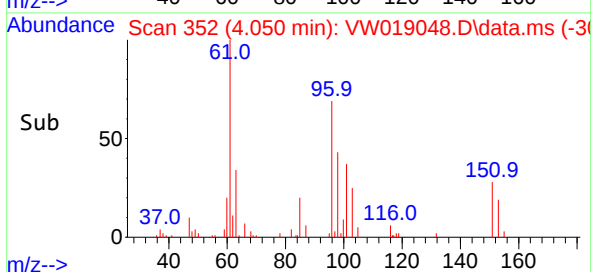
MMDadoda
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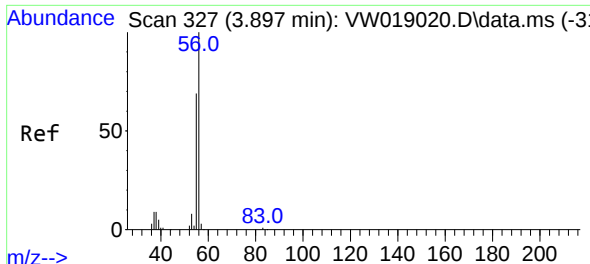


#12
1,1-Dichloroethene
Concen: 4.06 ug/l
RT: 4.050 min Scan# 352
Delta R.T. -0.000 min
Lab File: VW019048.D
Acq: 20 May 2021 18:29



Tgt Ion: 96 Resp: 14596
Ion Ratio Lower Upper
96 100
61 145.9 123.0 184.4
98 63.1 47.5 71.3





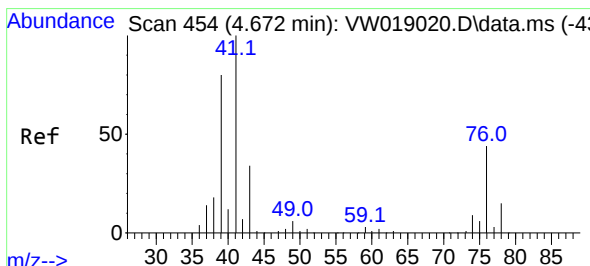
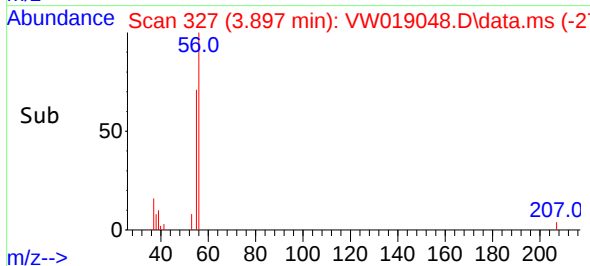
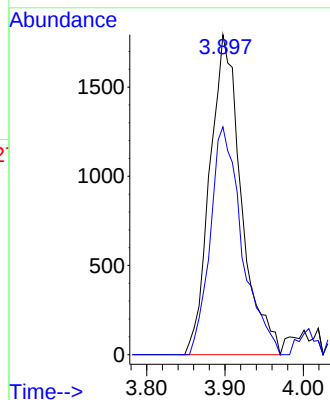
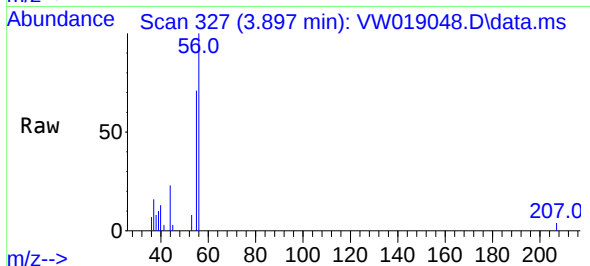
#13
Acrolein
Concen: 20.56 ug/l
RT: 3.897 min Scan# 327
Delta R.T. -0.000 min
Lab File: VW019048.D
Acq: 20 May 2021 18:29

Tgt Ion: 56 Resp: 4997
Ion Ratio Lower Upper
56 100
55 72.1 56.7 85.1

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

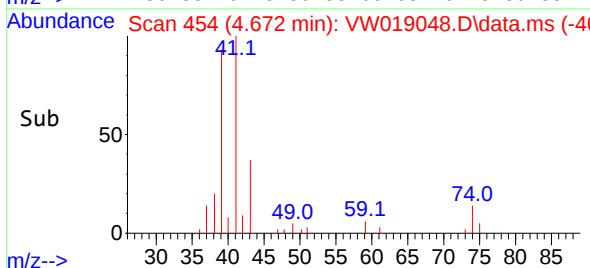
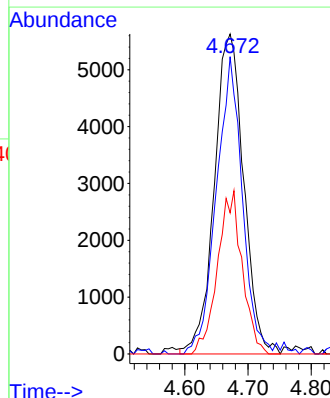
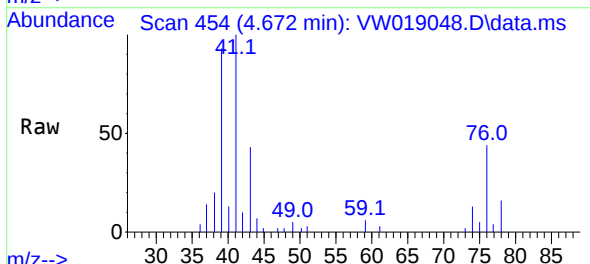
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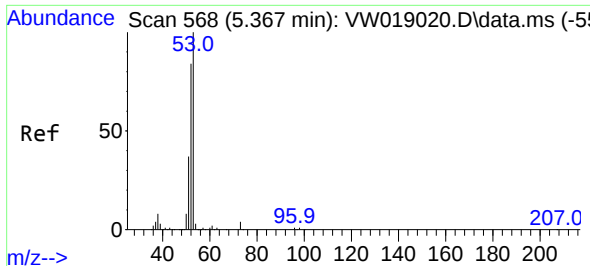
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#14
Allyl chloride
Concen: 3.88 ug/l
RT: 4.672 min Scan# 454
Delta R.T. -0.000 min
Lab File: VW019048.D
Acq: 20 May 2021 18:29

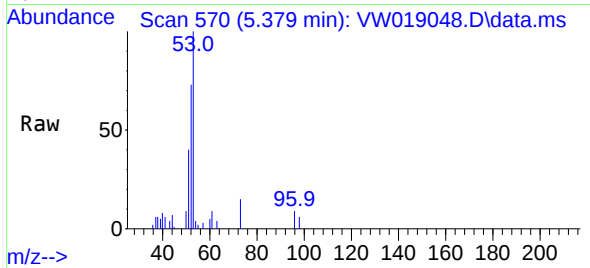
Tgt Ion: 41 Resp: 18141
Ion Ratio Lower Upper
41 100
39 81.9 63.9 95.9
76 42.8 35.1 52.7





#15
Acrylonitrile
Concen: 20.41 ug/l
RT: 5.379 min Scan# 570
Delta R.T. 0.012 min
Lab File: VW019048.D
Acq: 20 May 2021 18:29

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

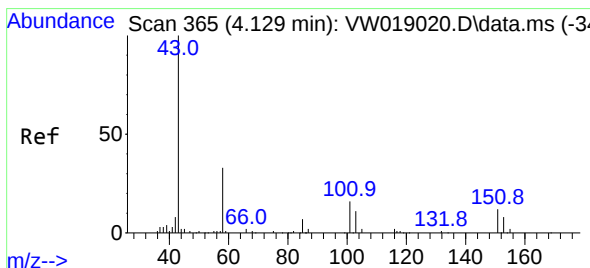
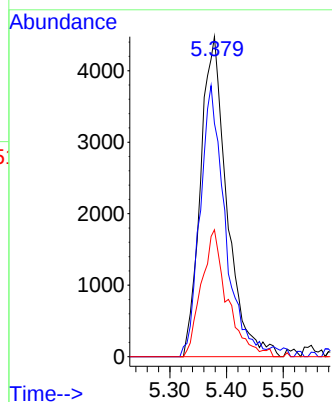


Tgt Ion: 53 Resp: 14504

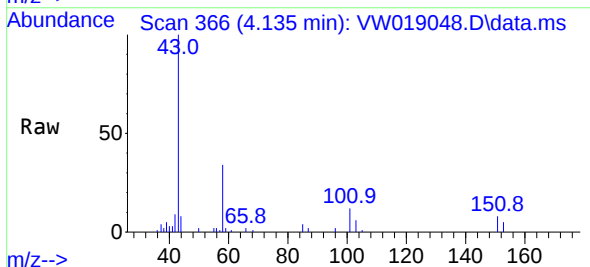
Ion	Ratio	Lower	Upper
53	100		
52	80.2	66.5	99.7
51	38.9	29.8	44.8

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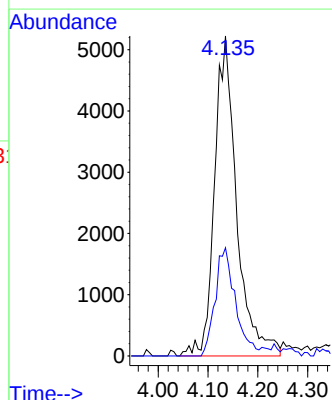
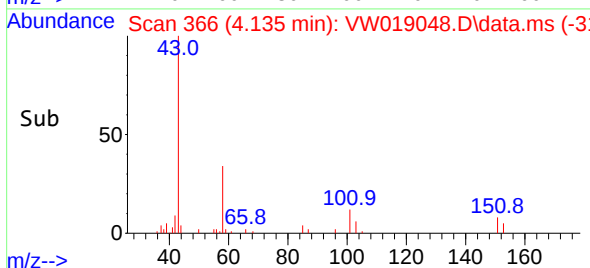


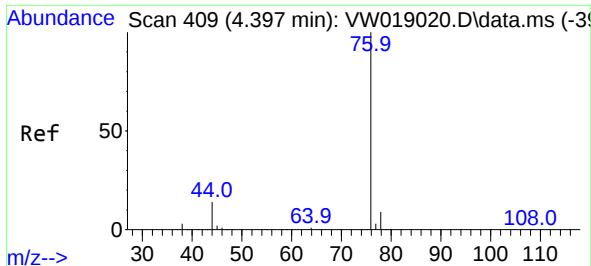
#16
Acetone
Concen: 27.84 ug/l
RT: 4.135 min Scan# 366
Delta R.T. 0.006 min
Lab File: VW019048.D
Acq: 20 May 2021 18:29



Tgt Ion: 43 Resp: 16110

Ion	Ratio	Lower	Upper
43	100		
58	33.8	26.4	39.6





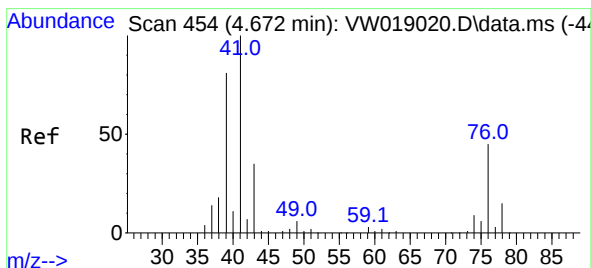
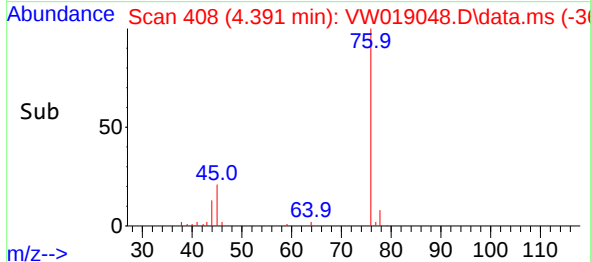
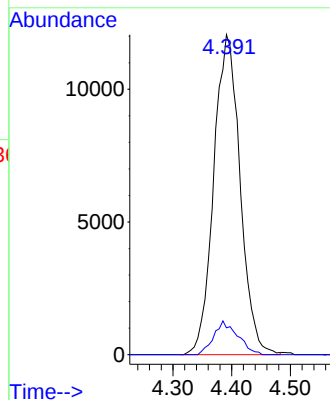
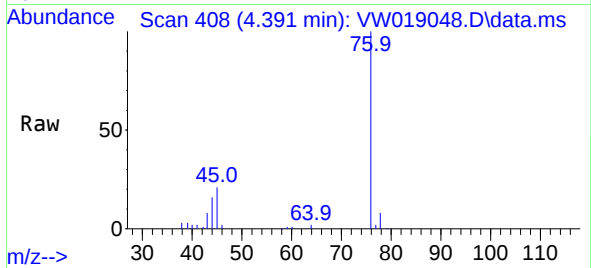
#17
Carbon Disulfide
Concen: 3.83 ug/l
RT: 4.391 min Scan# 408
Delta R.T. -0.006 min
Lab File: VW019048.D
Acq: 20 May 2021 18:29

Tgt Ion: 76 Resp: 37598
Ion Ratio Lower Upper
76 100
78 8.4 7.4 11.2

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

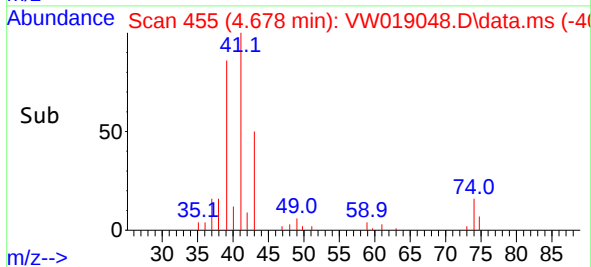
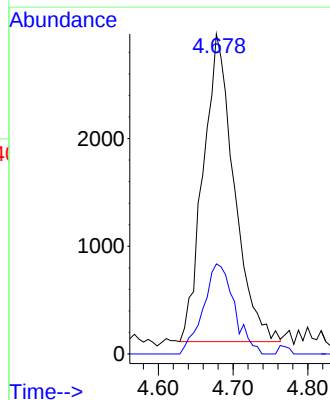
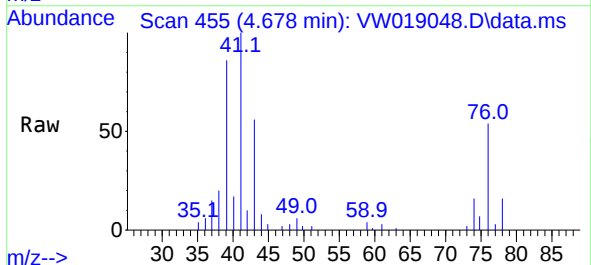
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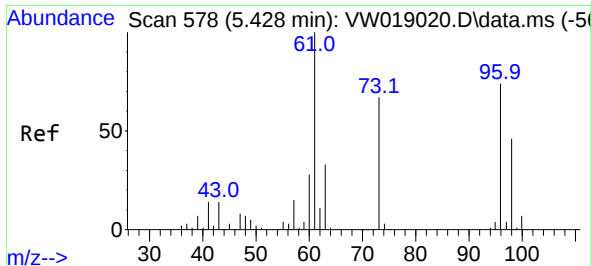
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#18
Methyl Acetate
Concen: 4.81 ug/l
RT: 4.678 min Scan# 455
Delta R.T. 0.006 min
Lab File: VW019048.D
Acq: 20 May 2021 18:29

Tgt Ion: 43 Resp: 8200
Ion Ratio Lower Upper
43 100
74 29.4 21.8 32.8





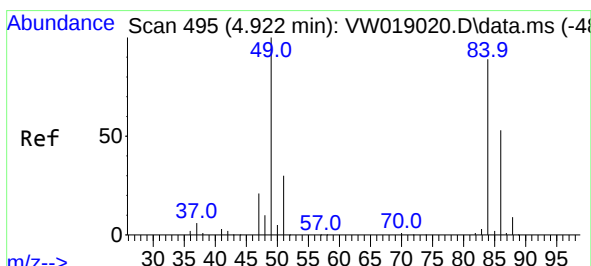
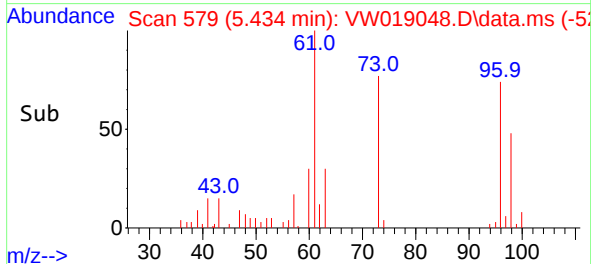
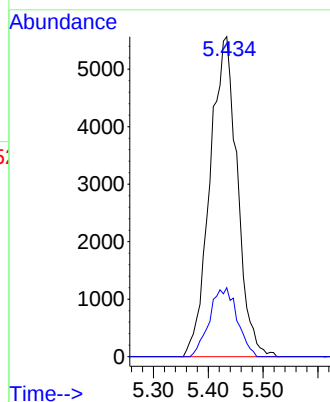
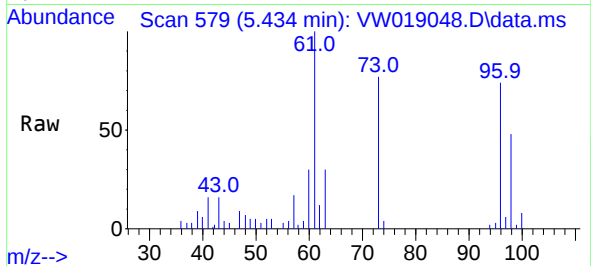
#19
Methyl tert-butyl Ether
Concen: 4.28 ug/l
RT: 5.434 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW019048.D
Acq: 20 May 2021 18:29

Tgt Ion: 73 Resp: 19292
Ion Ratio Lower Upper
73 100
57 21.6 17.4 26.0

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

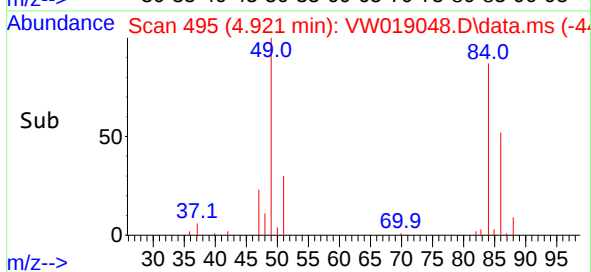
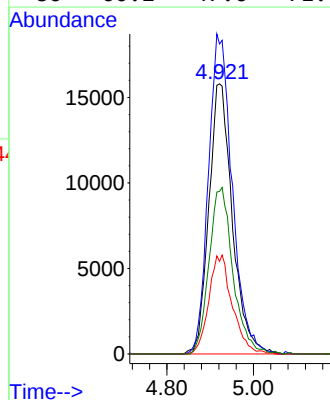
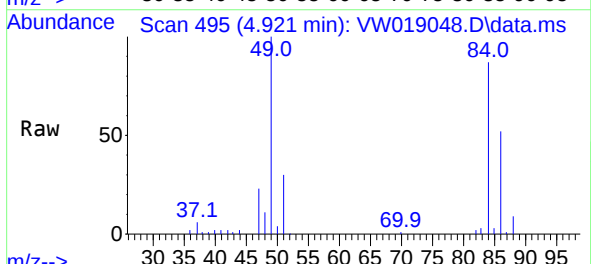
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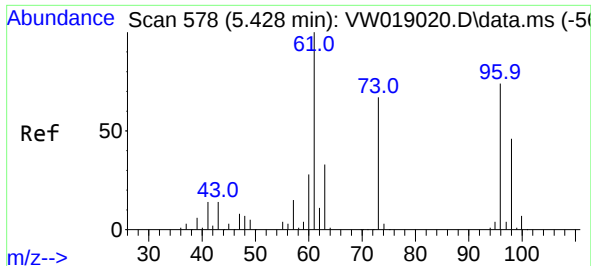
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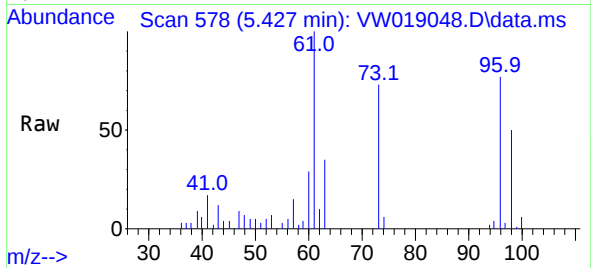
#20
Methylene Chloride
Concen: 11.47 ug/l
RT: 4.921 min Scan# 495
Delta R.T. -0.001 min
Lab File: VW019048.D
Acq: 20 May 2021 18:29

Tgt Ion: 84 Resp: 59527
Ion Ratio Lower Upper
84 100
49 114.7 90.4 135.6
51 34.3 27.1 40.7
86 60.2 47.6 71.4



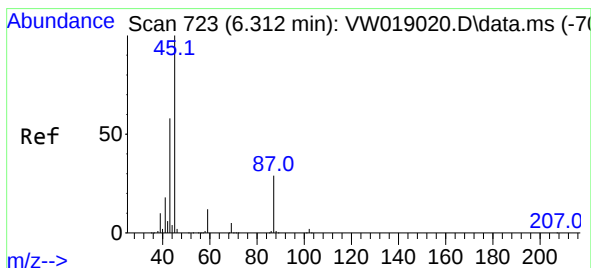
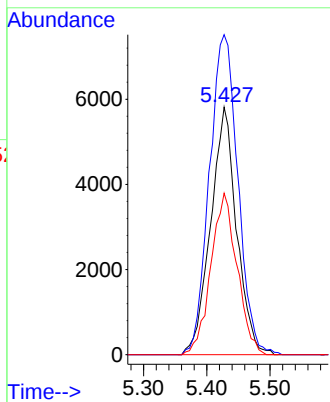
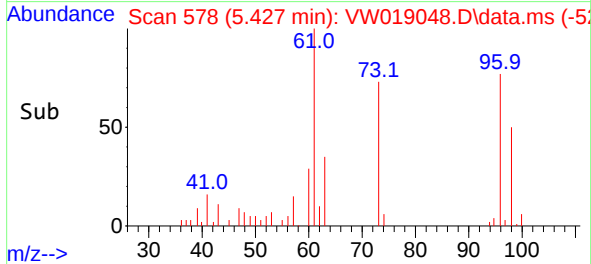


#21
trans-1,2-Dichloroethene
Concen: 4.05 ug/l
RT: 5.427 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW019048.D
Acq: 20 May 2021 18:29

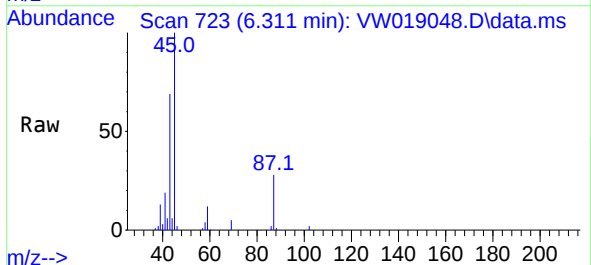


Tgt Ion: 96 Resp: 16612

Ion	Ratio	Lower	Upper
96	100		
61	129.3	108.5	162.7
98	65.2	49.4	74.0

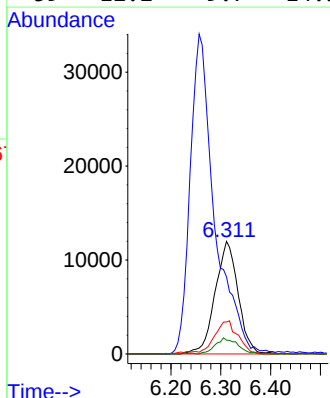
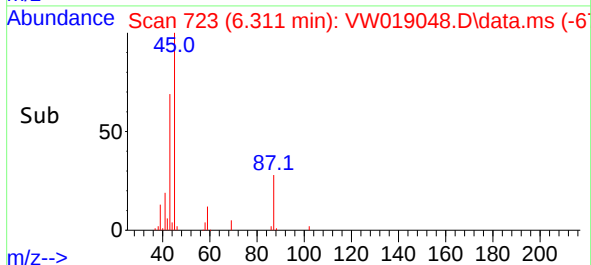


#22
Diisopropyl ether
Concen: 4.03 ug/l
RT: 6.311 min Scan# 723
Delta R.T. -0.000 min
Lab File: VW019048.D
Acq: 20 May 2021 18:29



Tgt Ion: 45 Resp: 38347

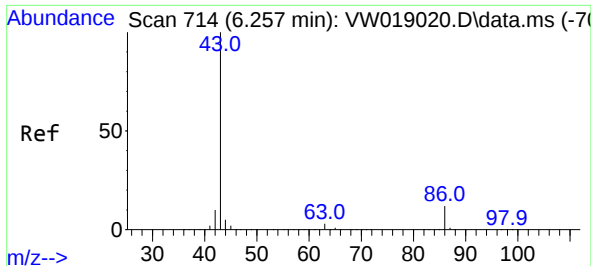
Ion	Ratio	Lower	Upper
45	100		
43	66.3	46.1	69.1
87	28.4	23.4	35.2
59	12.2	9.7	14.5



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

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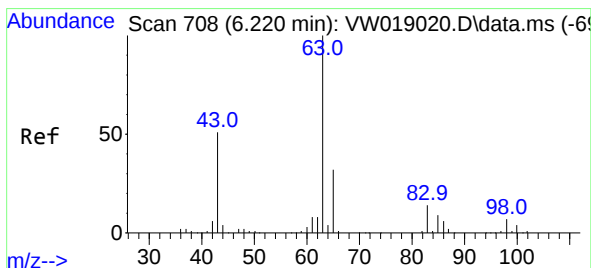
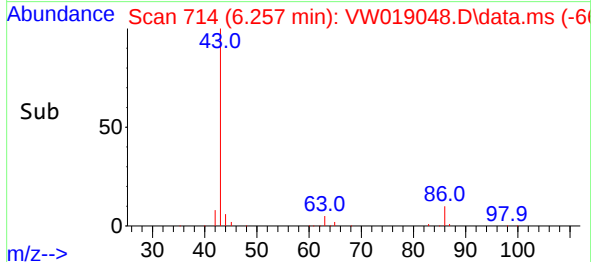
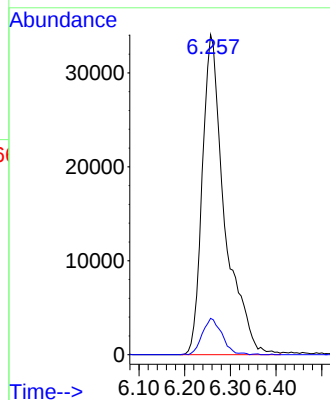
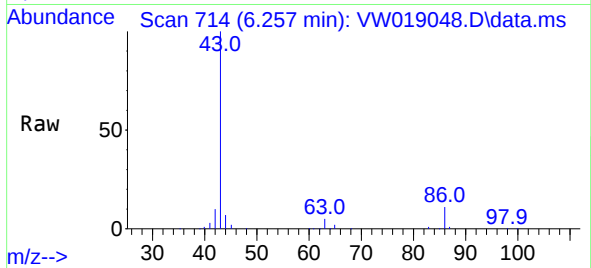
#23
 Vinyl Acetate
 Concen: 18.15 ug/l
 RT: 6.257 min Scan# 714
 Delta R.T. -0.000 min
 Lab File: VW019048.D
 Acq: 20 May 2021 18:29

Tgt Ion: 43 Resp: 116171
 Ion Ratio Lower Upper
 43 100
 86 11.4 9.6 14.4

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

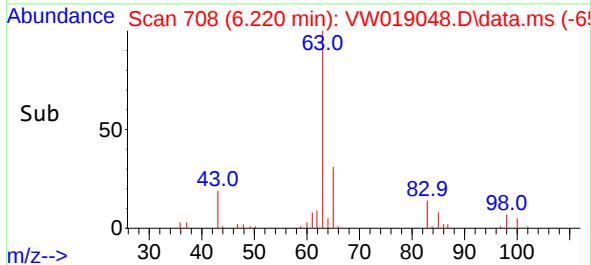
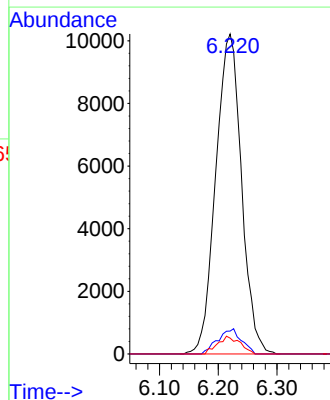
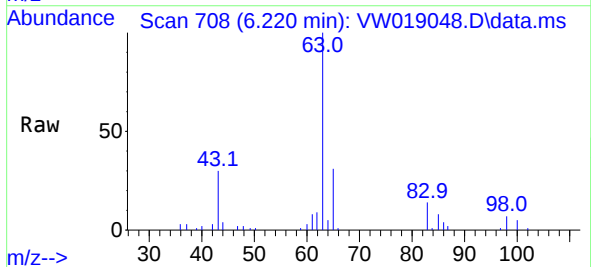
Manual Integrations
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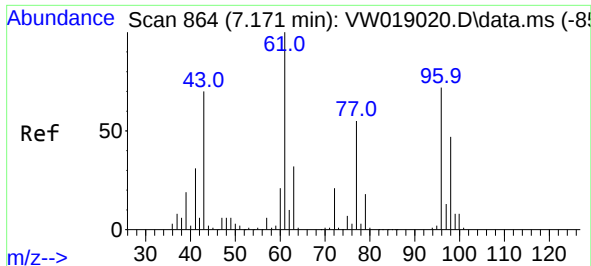
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#24
 1,1-Dichloroethane
 Concen: 4.22 ug/l
 RT: 6.220 min Scan# 708
 Delta R.T. -0.000 min
 Lab File: VW019048.D
 Acq: 20 May 2021 18:29

Tgt Ion: 63 Resp: 31059
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.6 10.9
 100 5.0 2.3 6.8





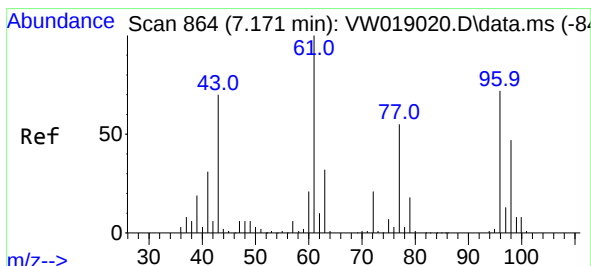
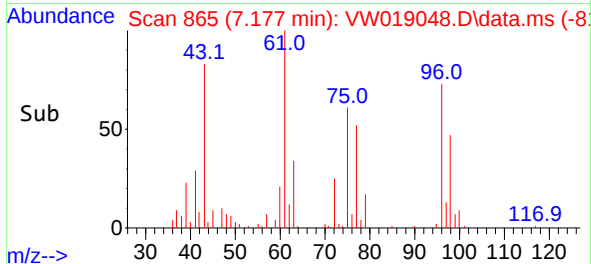
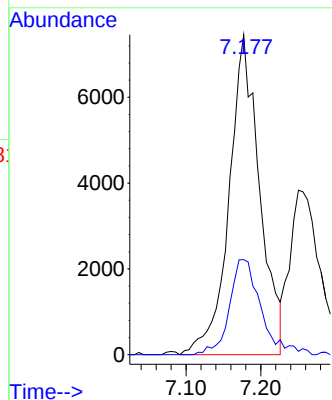
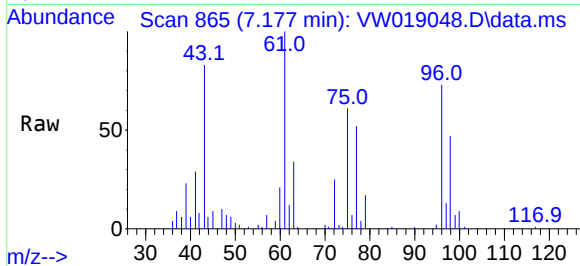
#25
2-Butanone
Concen: 22.25 ug/l
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW019048.D
Acq: 20 May 2021 18:29

Tgt Ion: 43 Resp: 21147
Ion Ratio Lower Upper
43 100
72 29.7 24.0 36.0

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

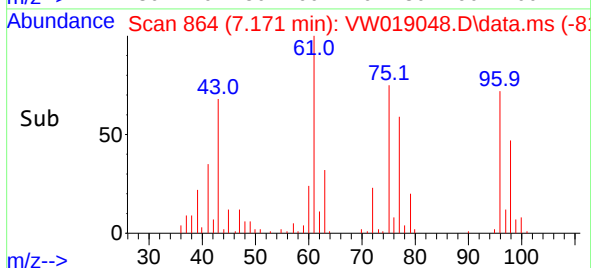
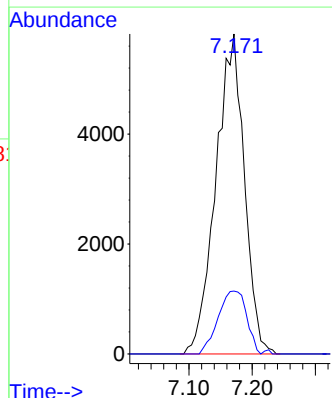
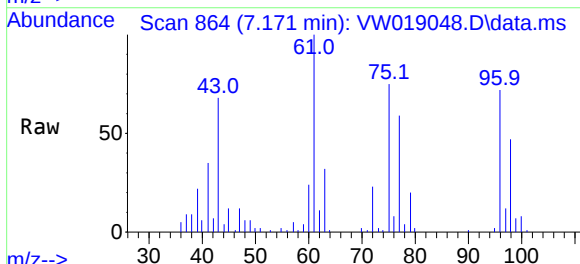
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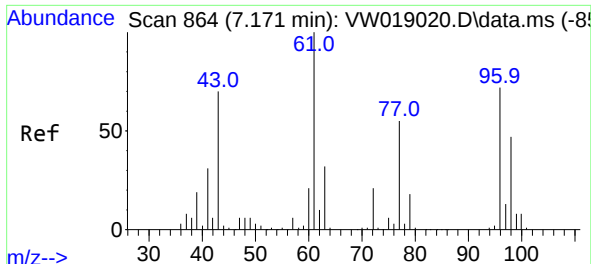
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#26
2,2-Dichloropropane
Concen: 4.58 ug/l
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW019048.D
Acq: 20 May 2021 18:29

Tgt Ion: 77 Resp: 18197
Ion Ratio Lower Upper
77 100
97 19.7 11.8 35.3





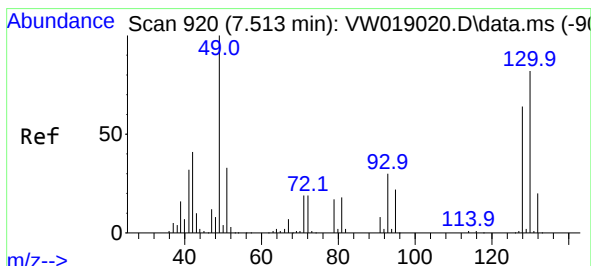
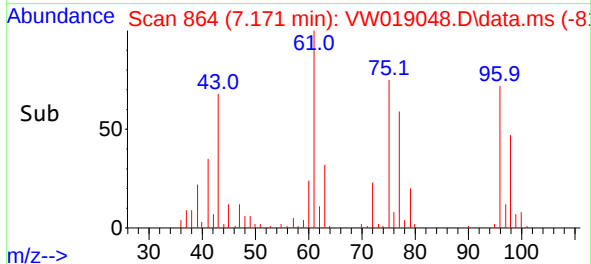
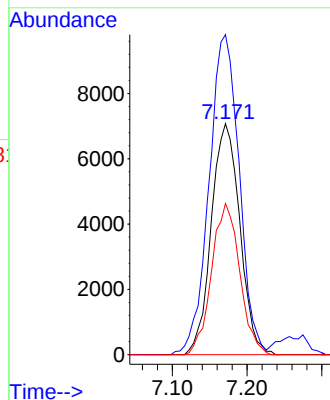
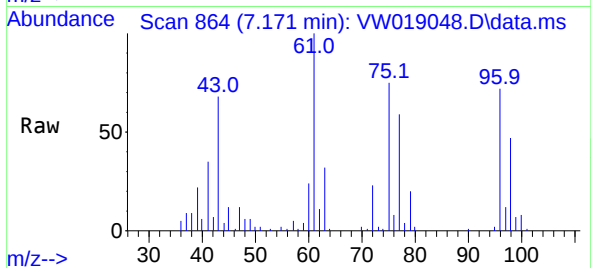
#27
cis-1,2-Dichloroethene
Concen: 4.12 ug/l
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW019048.D
Acq: 20 May 2021 18:29

Tgt Ion:	96	Resp:	18793
Ion	Ratio	Lower	Upper
96	100		
61	146.3	0.0	281.2
98	64.4	0.0	127.4

Instrument :
MSVOA_W
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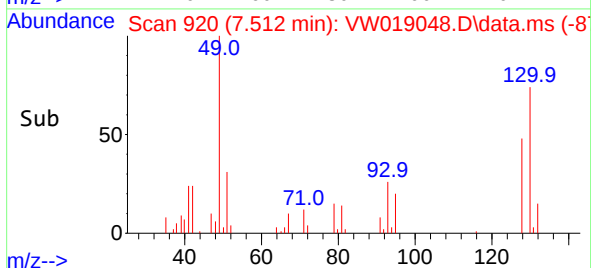
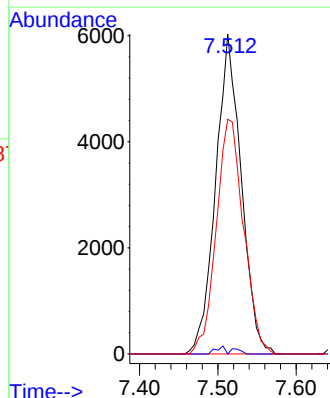
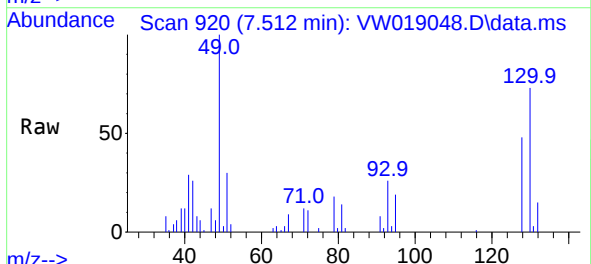
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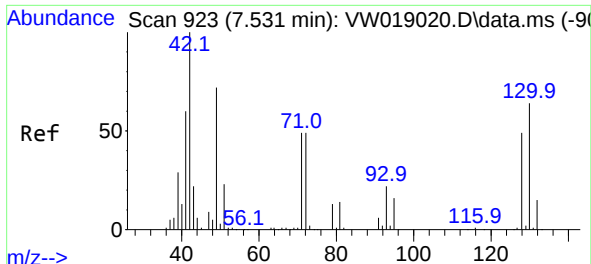
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#28
Bromochloromethane
Concen: 4.57 ug/l
RT: 7.512 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW019048.D
Acq: 20 May 2021 18:29

Tgt Ion:	49	Resp:	13706
Ion	Ratio	Lower	Upper
49	100		
129	0.6	0.0	4.4
130	78.2	63.0	94.4





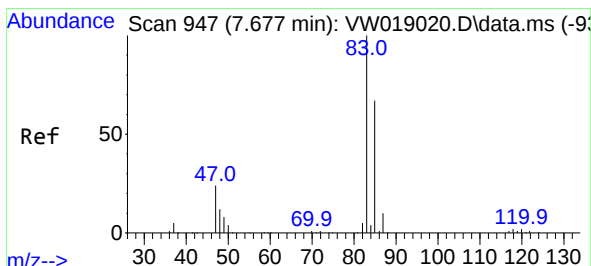
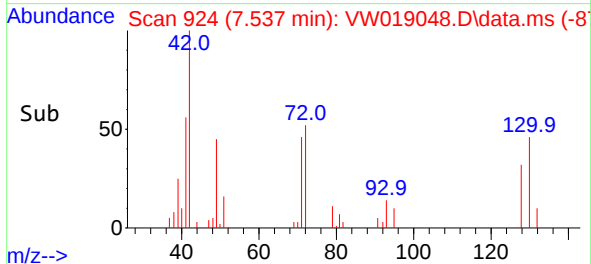
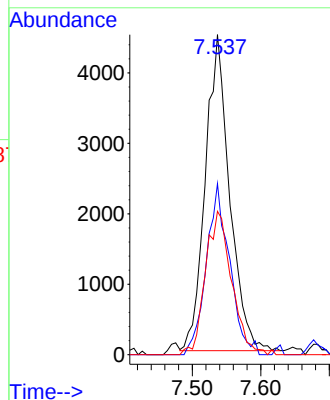
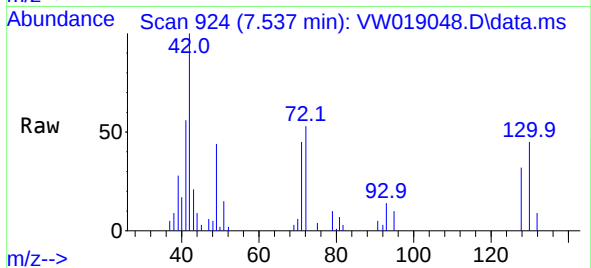
#29
Tetrahydrofuran
Concen: 19.92 ug/l
RT: 7.537 min Scan# 924
Delta R.T. 0.006 min
Lab File: VW019048.D
Acq: 20 May 2021 18:29

Tgt Ion:	42	Resp:	11076
Ion	Ratio	Lower	Upper
42	100		
72	51.6	40.1	60.1
71	49.1	38.3	57.5

Instrument :
MSVOA_W
ClientSampleId :
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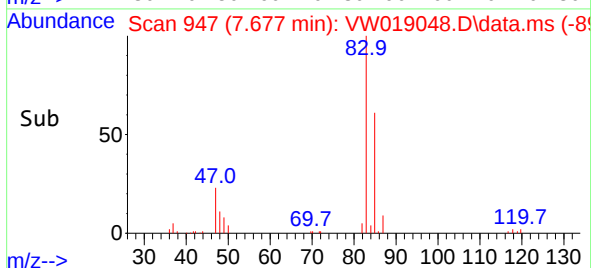
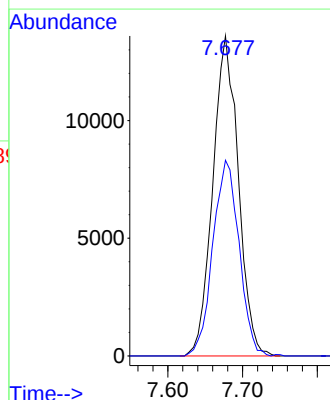
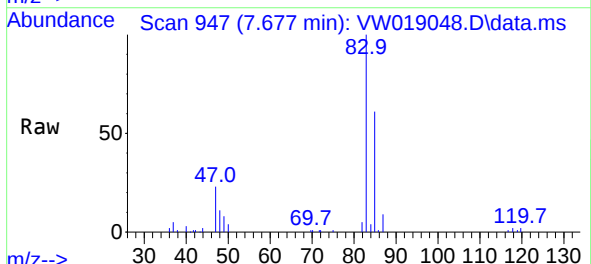
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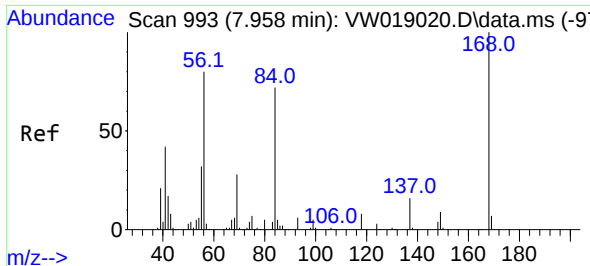
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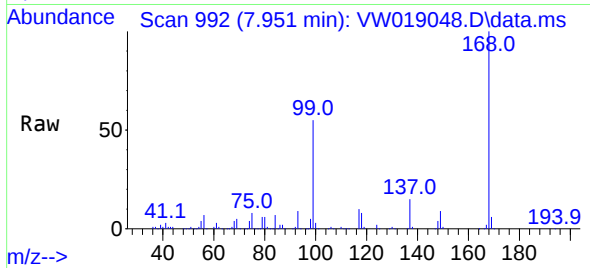
#30
Chloroform
Concen: 4.31 ug/l
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW019048.D
Acq: 20 May 2021 18:29

Tgt Ion:	83	Resp:	32253
Ion	Ratio	Lower	Upper
83	100		
85	61.2	53.4	80.0

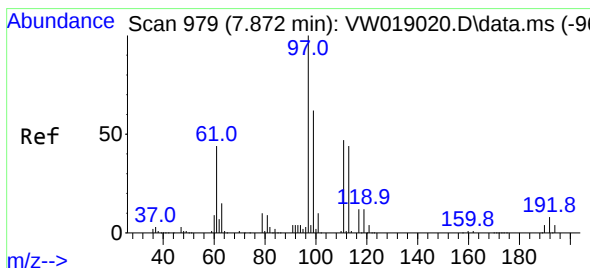
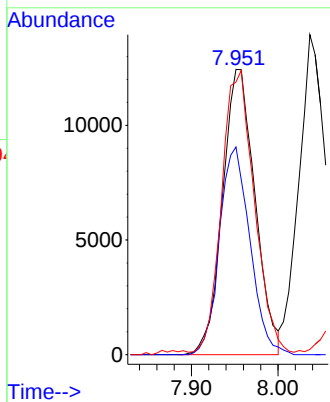
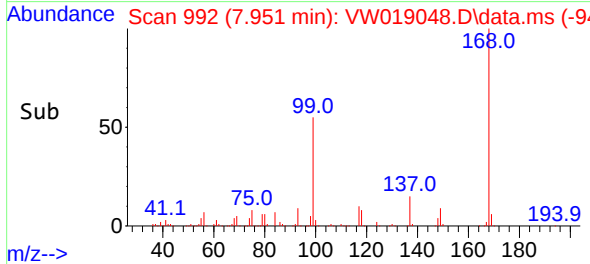




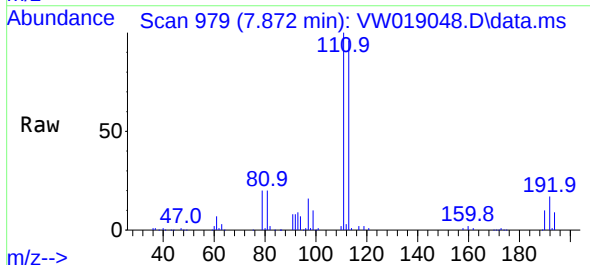
#31
Cyclohexane
Concen: 5.28 ug/l
RT: 7.951 min Scan# 992
Delta R.T. -0.006 min
Lab File: VW019048.D
Acq: 20 May 2021 18:29



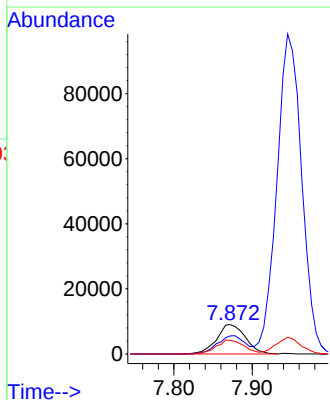
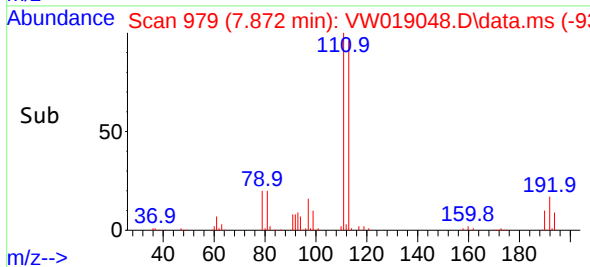
Tgt Ion: 56 Resp: 32496
Ion Ratio Lower Upper
56 100
69 72.8 28.4 42.6#
84 94.6 72.3 108.5



#32
1,1,1-Trichloroethane
Concen: 4.13 ug/l
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW019048.D
Acq: 20 May 2021 18:29



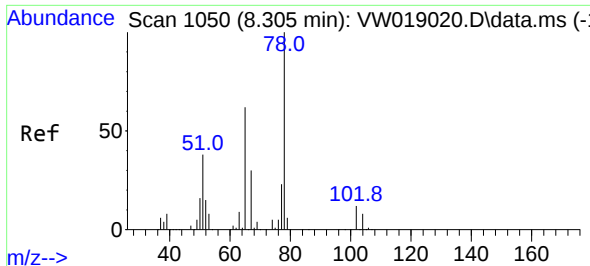
Tgt Ion: 97 Resp: 22981
Ion Ratio Lower Upper
97 100
99 58.5 52.2 78.4
61 45.9 36.7 55.1



Instrument :
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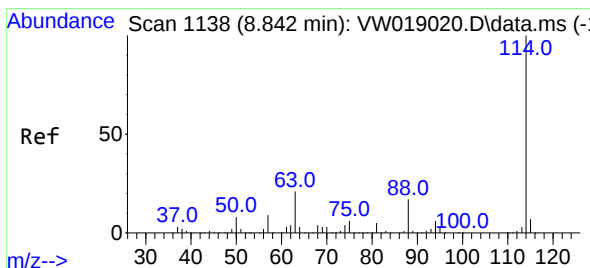
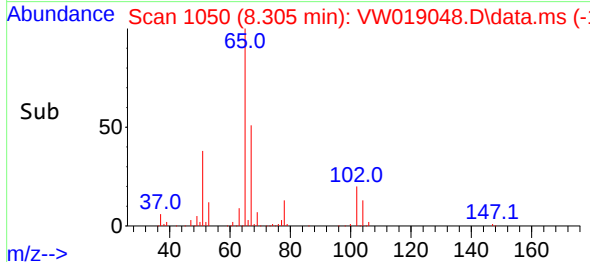
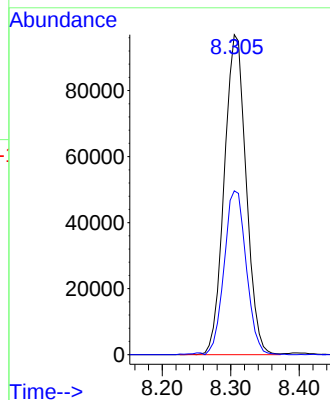
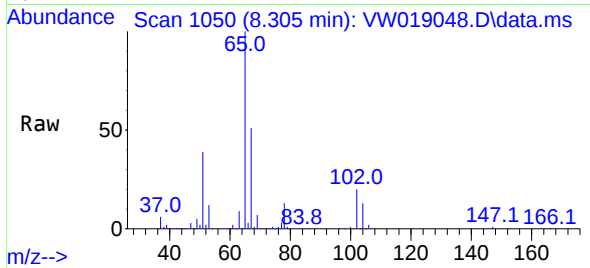
#33
1,2-Dichloroethane-d4
Concen: 58.30 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW019048.D
Acq: 20 May 2021 18:29

Tgt Ion: 65 Resp: 214589
Ion Ratio Lower Upper
65 100
67 52.0 0.0 104.0

Instrument :
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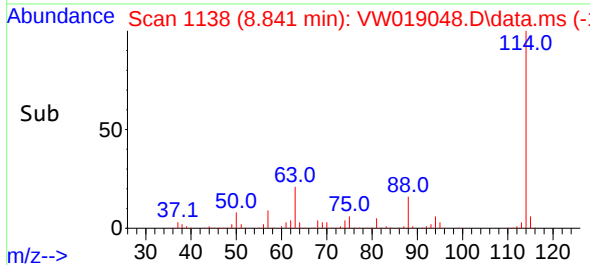
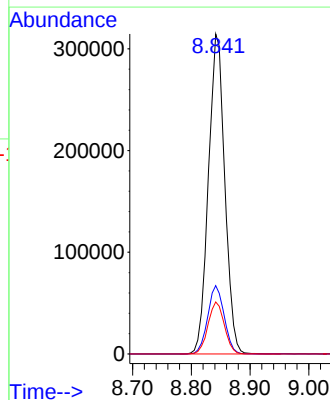
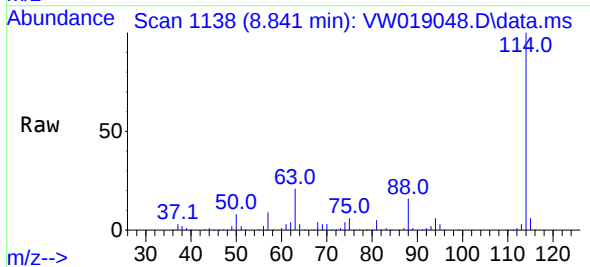
Manual Integrations
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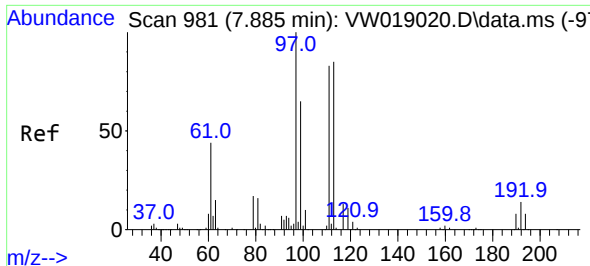
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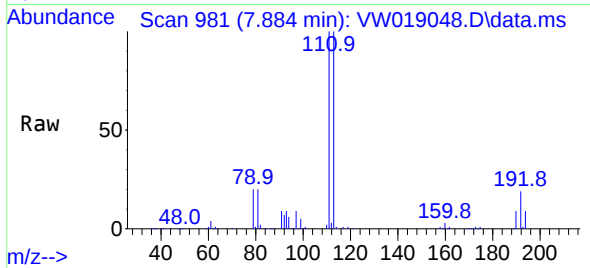
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.841 min Scan# 1138
Delta R.T. -0.000 min
Lab File: VW019048.D
Acq: 20 May 2021 18:29

Tgt Ion: 114 Resp: 609421
Ion Ratio Lower Upper
114 100
63 21.3 0.0 42.4
88 16.2 0.0 33.2

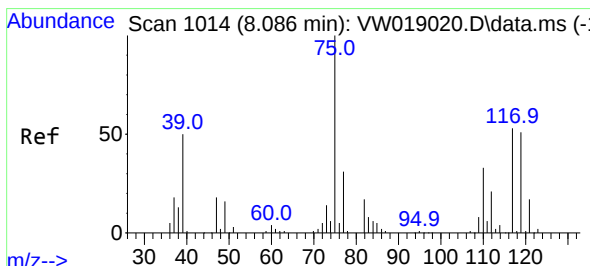
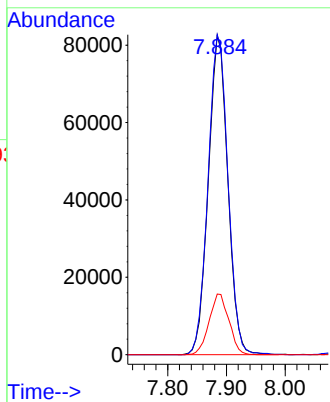
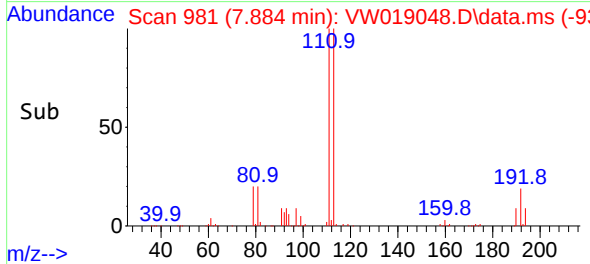




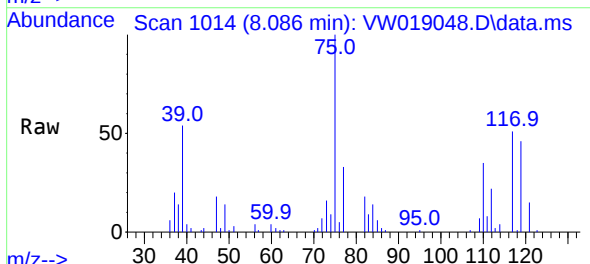
#35
Dibromofluoromethane
Concen: 56.05 ug/l
RT: 7.884 min Scan# 981
Delta R.T. -0.001 min
Lab File: VW019048.D
Acq: 20 May 2021 18:29



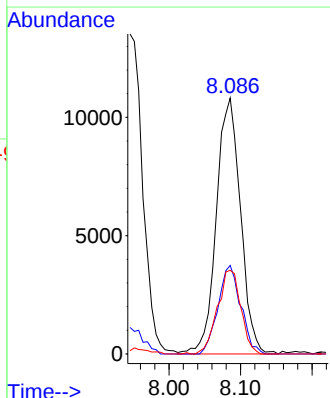
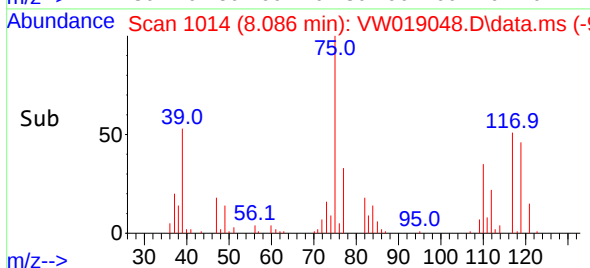
Tgt Ion: 113 Resp: 190173
Ion Ratio Lower Upper
113 100
111 102.5 82.3 123.5
192 19.3 15.3 22.9



#36
1,1-Dichloropropene
Concen: 4.19 ug/l
RT: 8.086 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW019048.D
Acq: 20 May 2021 18:29



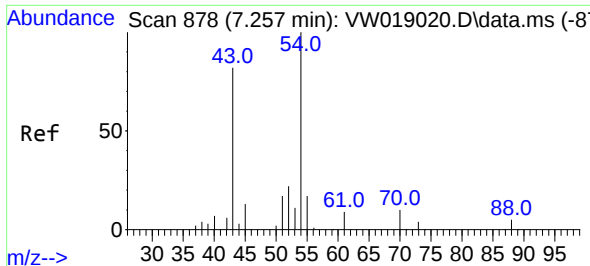
Tgt Ion: 75 Resp: 25438
Ion Ratio Lower Upper
75 100
110 32.5 17.1 51.2
77 31.4 25.3 37.9



Instrument :
MSVOA_W
ClientSampleId :
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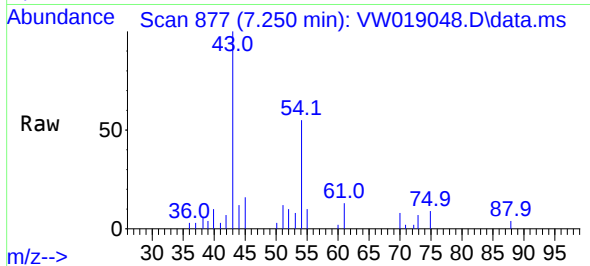
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#37
Ethyl Acetate
Concen: 4.51 ug/l
RT: 7.250 min Scan# 877
Delta R.T. -0.006 min
Lab File: VW019048.D
Acq: 20 May 2021 18:29

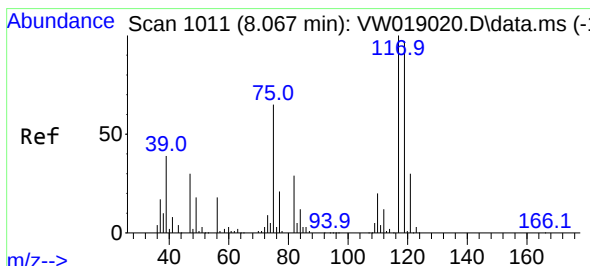
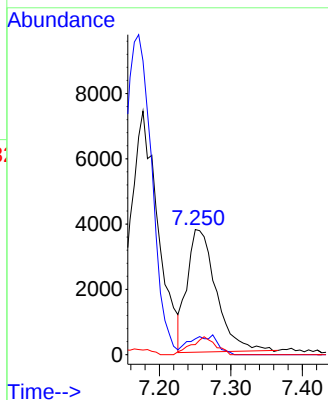
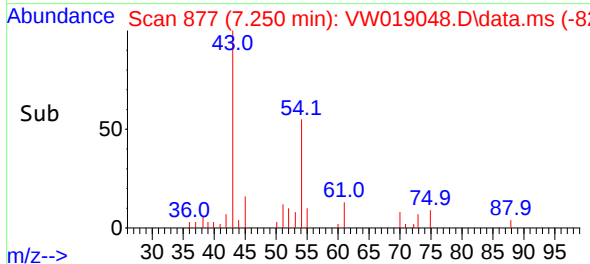
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



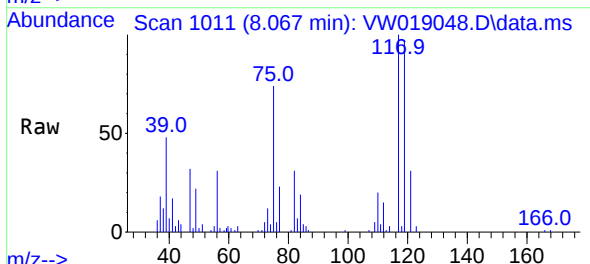
Tgt Ion: 43 Resp: 10594
Ion Ratio Lower Upper
43 100
61 0.0 12.2 18.4#
70 0.0 9.5 14.3#

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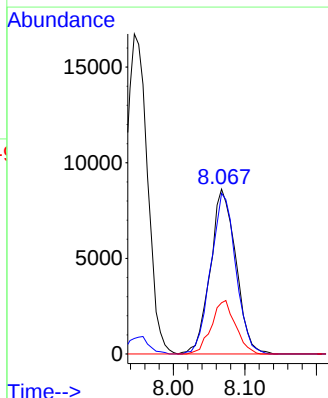
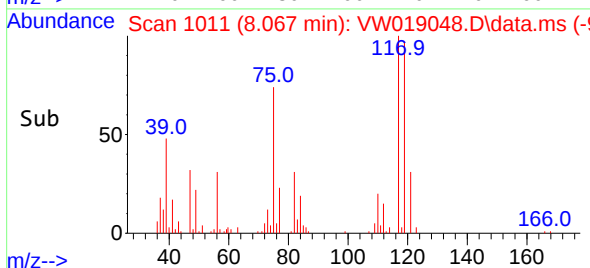
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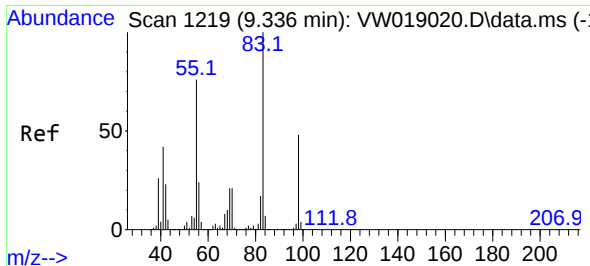


#38
Carbon Tetrachloride
Concen: 4.00 ug/l
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW019048.D
Acq: 20 May 2021 18:29



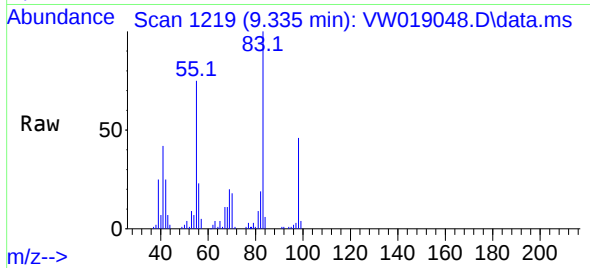
Tgt Ion: 117 Resp: 21395
Ion Ratio Lower Upper
117 100
119 97.4 77.4 116.0
121 31.1 23.6 35.4





#39
Methylcyclohexane
Concen: 4.31 ug/l
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW019048.D
Acq: 20 May 2021 18:29

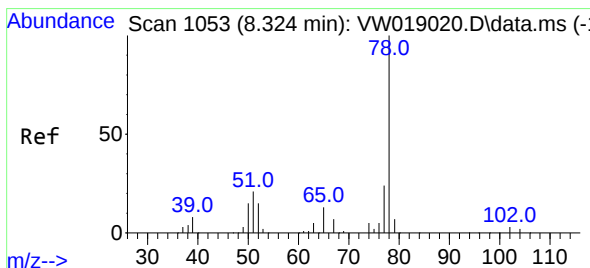
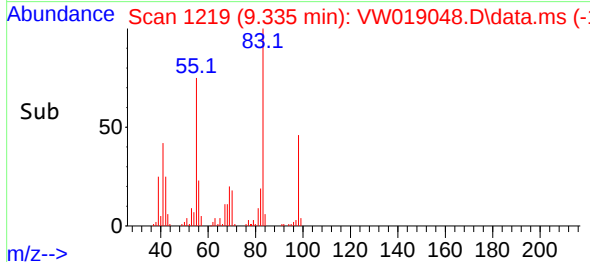
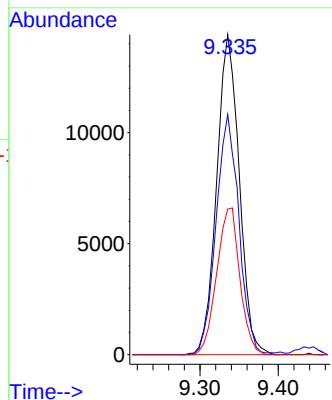
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



Tgt Ion: 83 Resp: 28913
Ion Ratio Lower Upper
83 100
55 75.0 60.9 91.3
98 45.5 38.4 57.6

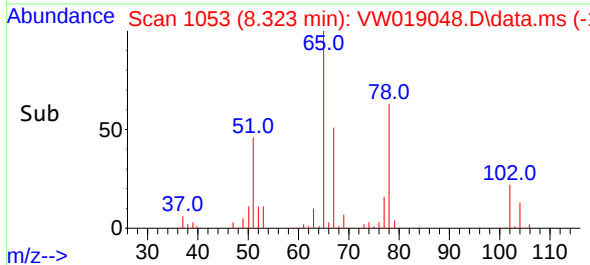
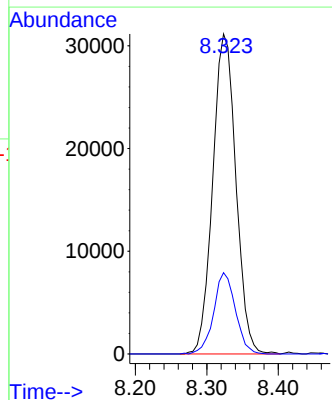
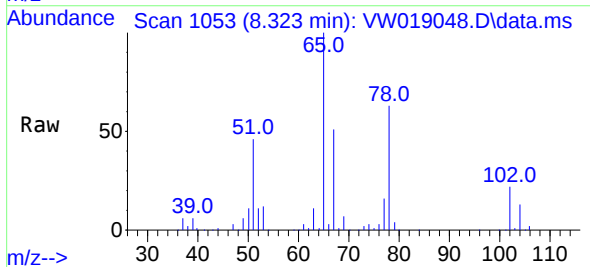
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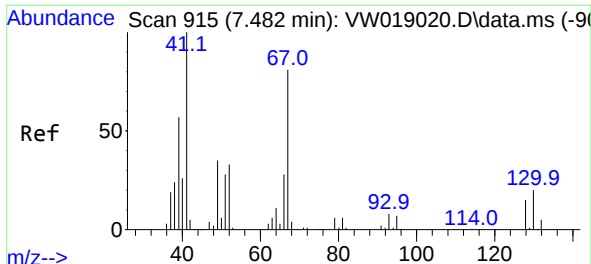
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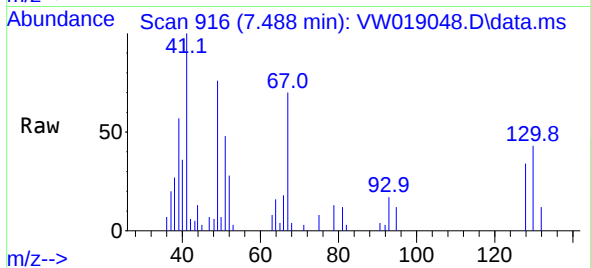
#40
Benzene
Concen: 4.13 ug/l
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW019048.D
Acq: 20 May 2021 18:29

Tgt Ion: 78 Resp: 70088
Ion Ratio Lower Upper
78 100
77 25.4 19.6 29.4



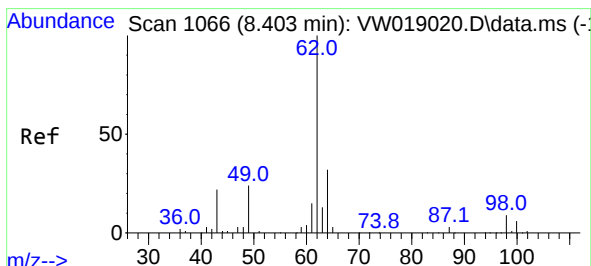
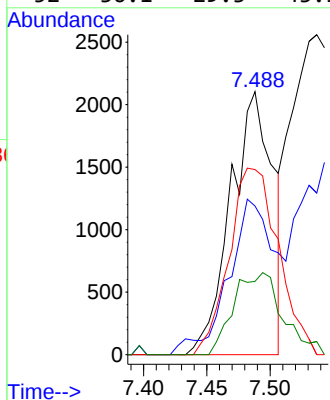
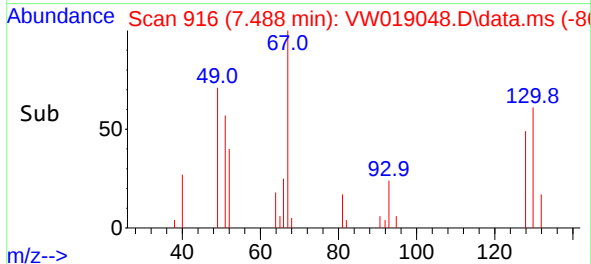


#41
Methacrylonitrile
Concen: 3.81 ug/l
RT: 7.488 min Scan# 916
Delta R.T. 0.006 min
Lab File: VW019048.D
Acq: 20 May 2021 18:29

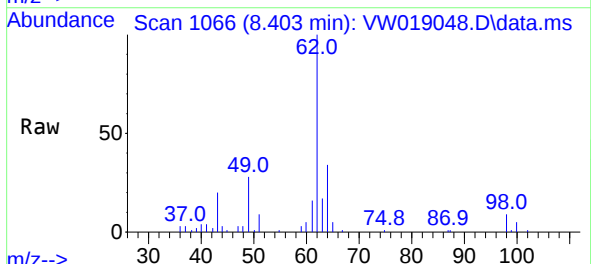


Tgt Ion: 41 Resp: 4888

Ion	Ratio	Lower	Upper
41	100		
39	66.9	50.1	75.1
67	82.7	69.0	103.4
52	36.1	29.3	43.9

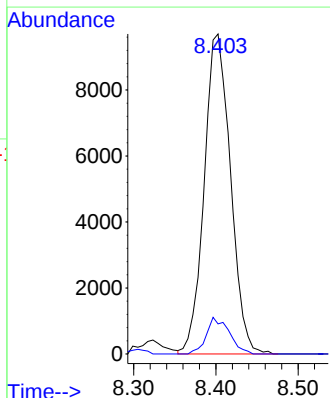
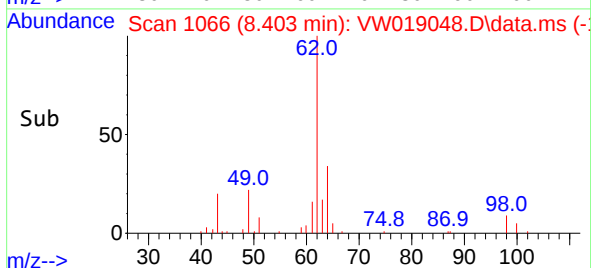


#42
1,2-Dichloroethane
Concen: 4.29 ug/l
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW019048.D
Acq: 20 May 2021 18:29



Tgt Ion: 62 Resp: 21580

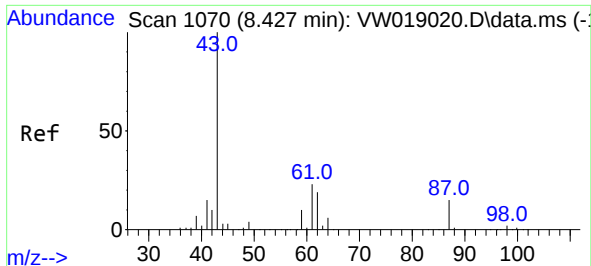
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	18.0



Instrument :
MSVOA_W
ClientSampleId :
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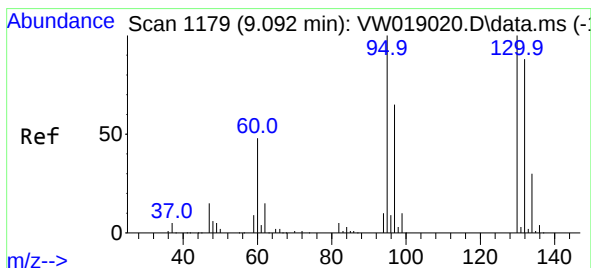
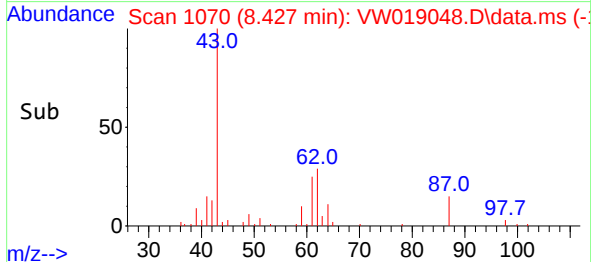
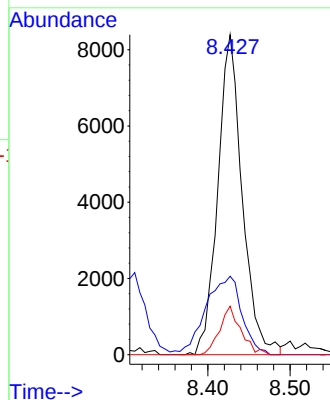
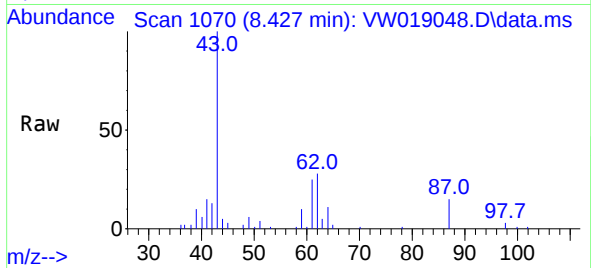
#43
Isopropyl Acetate
Concen: 3.96 ug/l
RT: 8.427 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VW019048.D
Acq: 20 May 2021 18:29

Tgt Ion:	43	Resp:	17351
Ion	Ratio	Lower	Upper
43	100		
61	35.8	27.0	40.6
87	13.2	11.6	17.4

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

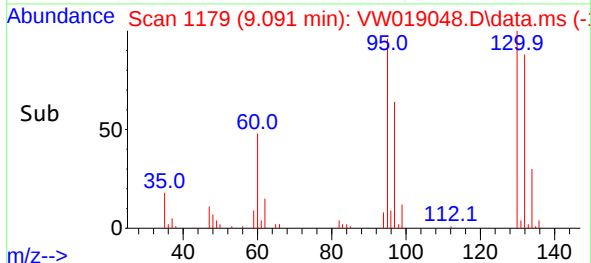
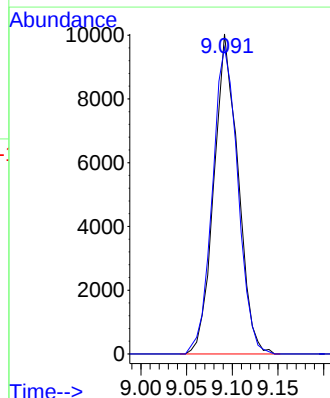
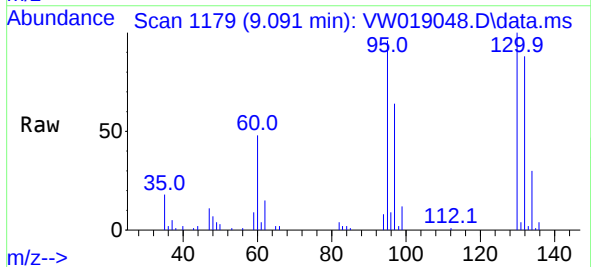
Manual Integrations
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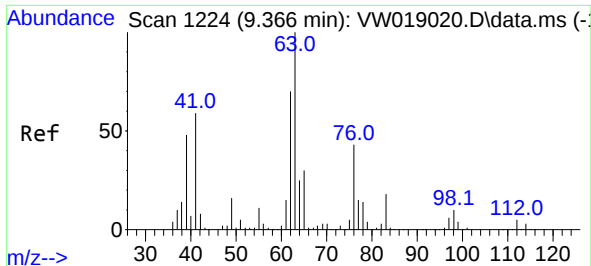
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#44
Trichloroethene
Concen: 4.21 ug/l
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW019048.D
Acq: 20 May 2021 18:29

Tgt Ion:	130	Resp:	18420
Ion	Ratio	Lower	Upper
130	100		
95	95.9	0.0	199.0





#45

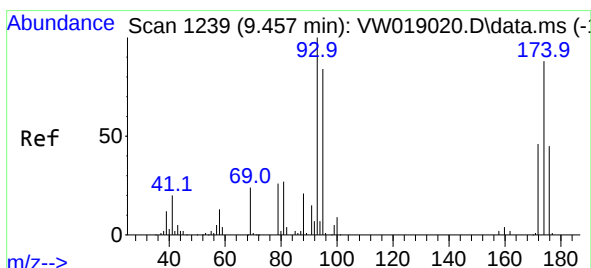
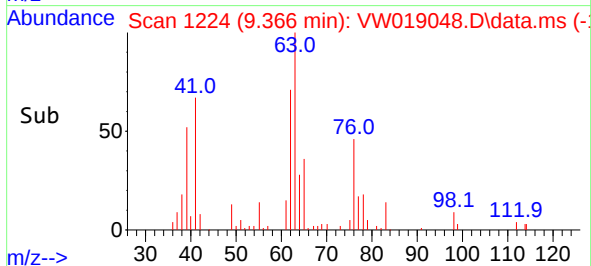
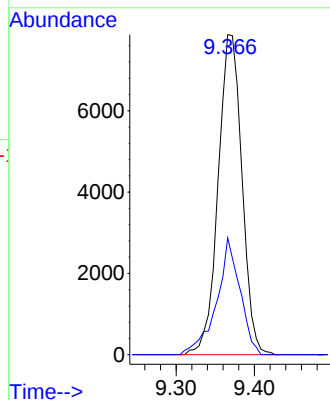
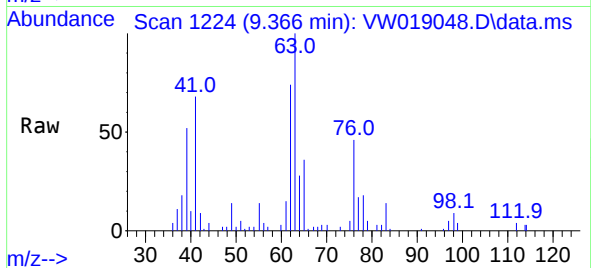
1,2-Dichloropropane
Concen: 4.06 ug/l
RT: 9.366 min Scan# 1224
Delta R.T. -0.000 min
Lab File: VW019048.D
Acq: 20 May 2021 18:29

Tgt Ion: 63 Resp: 16651
Ion Ratio Lower Upper
63 100
65 36.5 24.1 36.1#

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

Manual Integrations
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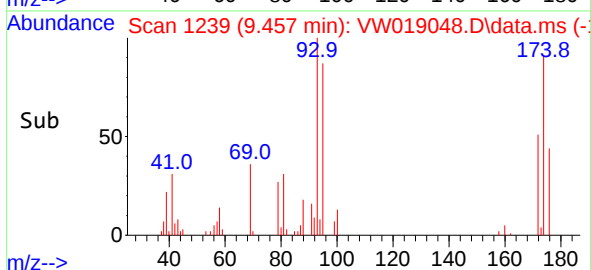
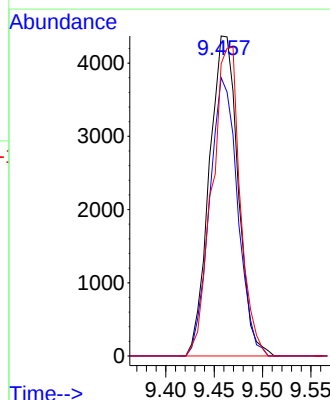
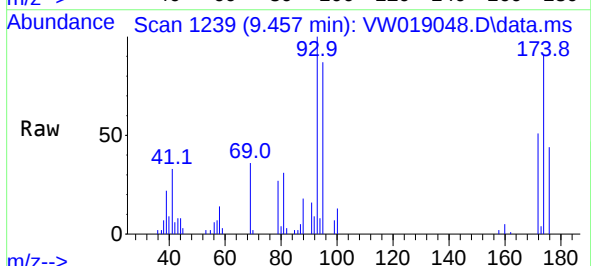
MMDadoda
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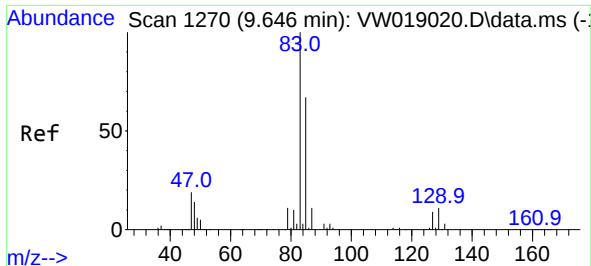


#46

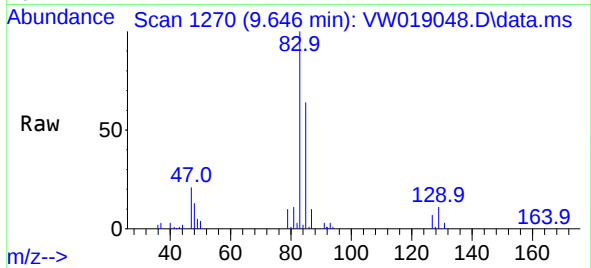
Dibromomethane
Concen: 4.06 ug/l
RT: 9.457 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VW019048.D
Acq: 20 May 2021 18:29

Tgt Ion: 93 Resp: 9050
Ion Ratio Lower Upper
93 100
95 84.6 66.7 100.1
174 93.7 75.3 112.9



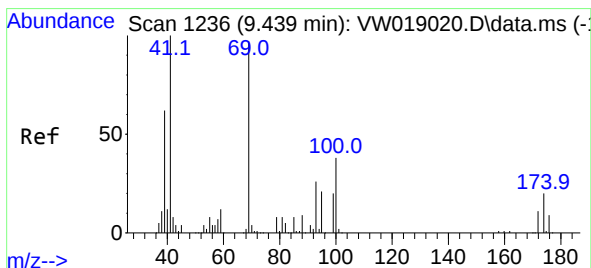
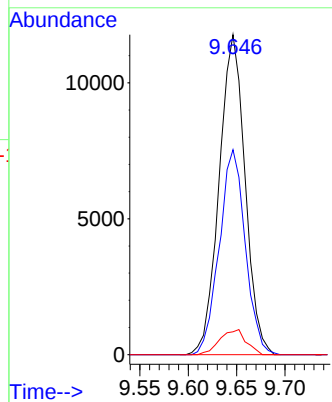
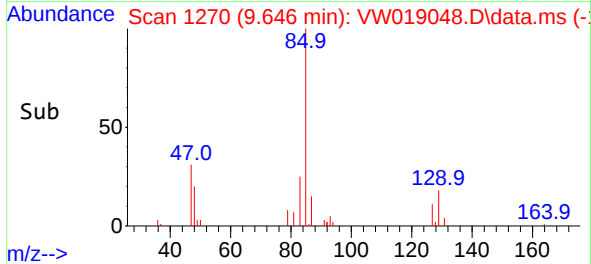


#47
Bromodichloromethane
Concen: 3.96 ug/l
RT: 9.646 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VW019048.D
Acq: 20 May 2021 18:29

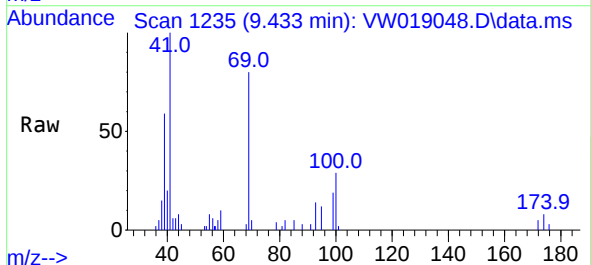


Tgt Ion: 83 Resp: 21914

Ion	Ratio	Lower	Upper
83	100		
85	64.1	53.4	80.2
127	7.2	7.0	10.6

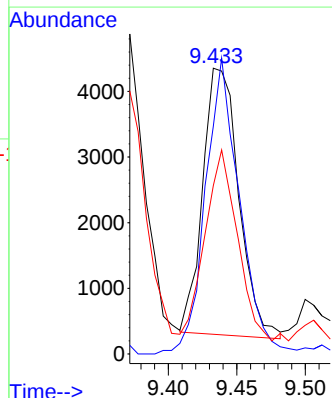
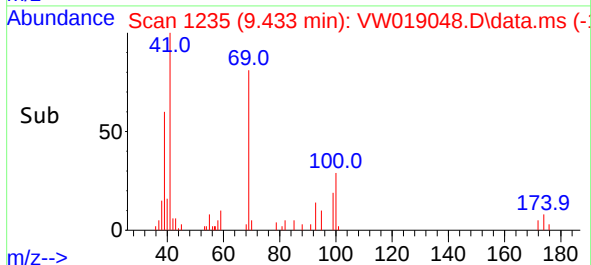


#48
Methyl methacrylate
Concen: 3.70 ug/l
RT: 9.433 min Scan# 1235
Delta R.T. -0.006 min
Lab File: VW019048.D
Acq: 20 May 2021 18:29



Tgt Ion: 41 Resp: 7434

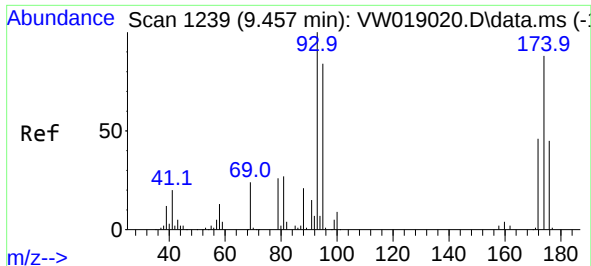
Ion	Ratio	Lower	Upper
41	100		
69	104.8	80.2	120.2
39	75.2	51.5	77.3



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

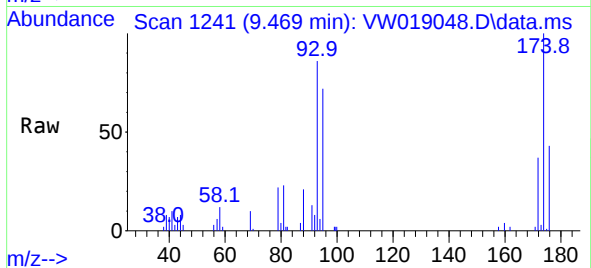
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#49
1,4-Dioxane
Concen: 85.80 ug/l
RT: 9.469 min Scan# 1241
Delta R.T. 0.012 min
Lab File: VW019048.D
Acq: 20 May 2021 18:29

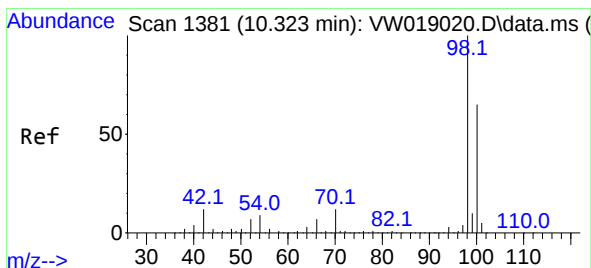
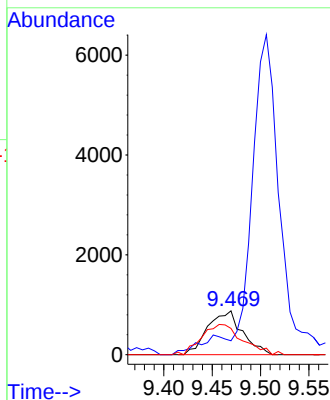
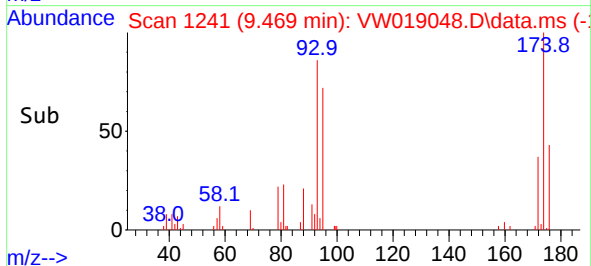
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



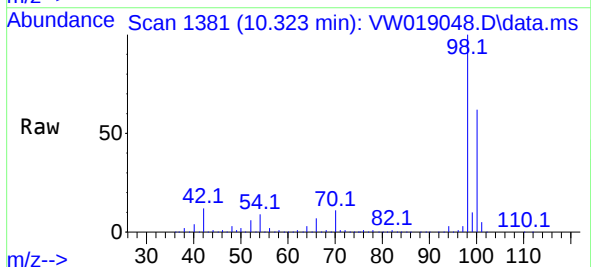
Tgt Ion: 88 Resp: 2179
Ion Ratio Lower Upper
88 100
43 39.0 22.1 33.1#
58 81.6 55.4 83.2

Manual Integrations
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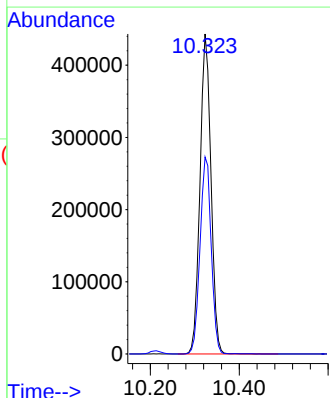
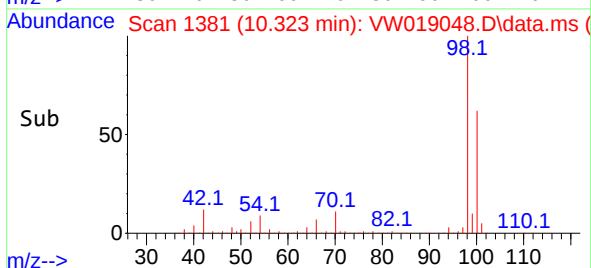
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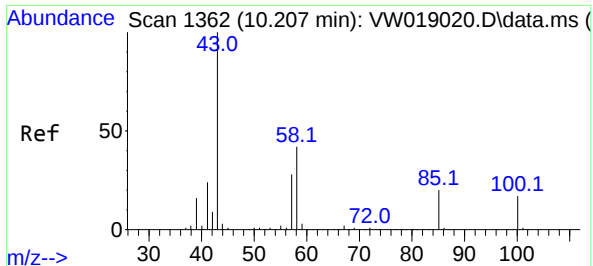


#50
Toluene-d8
Concen: 57.06 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VW019048.D
Acq: 20 May 2021 18:29



Tgt Ion: 98 Resp: 762076
Ion Ratio Lower Upper
98 100
100 62.8 52.0 78.0





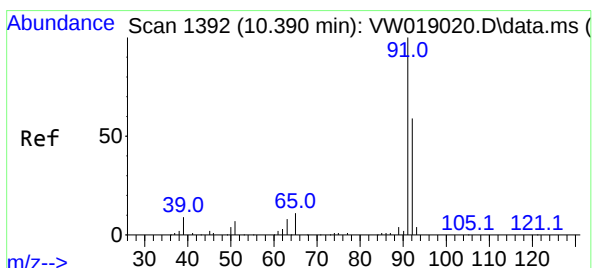
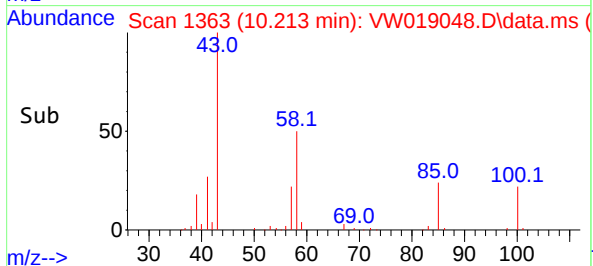
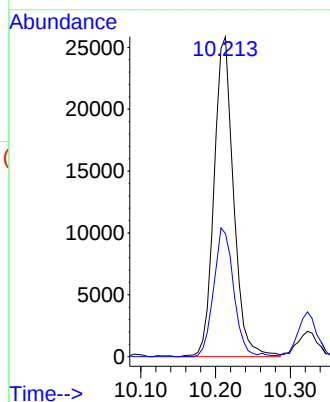
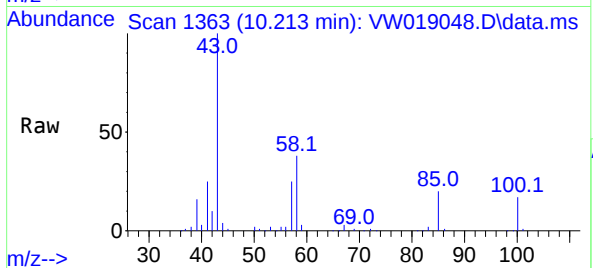
#51
4-Methyl-2-Pentanone
Concen: 20.60 ug/l
RT: 10.213 min Scan# 1363
Delta R.T. 0.006 min
Lab File: VW019048.D
Acq: 20 May 2021 18:29

Tgt Ion: 43 Resp: 46727
Ion Ratio Lower Upper
43 100
58 41.4 34.2 51.4

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

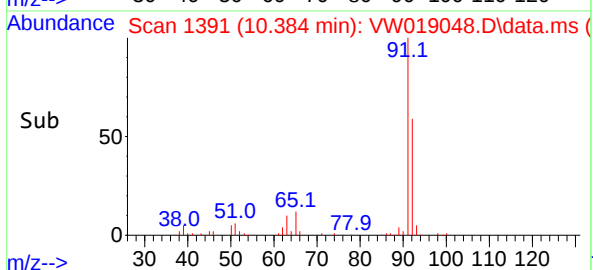
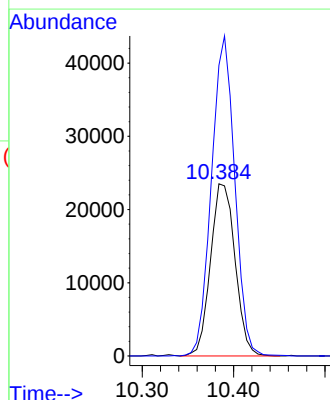
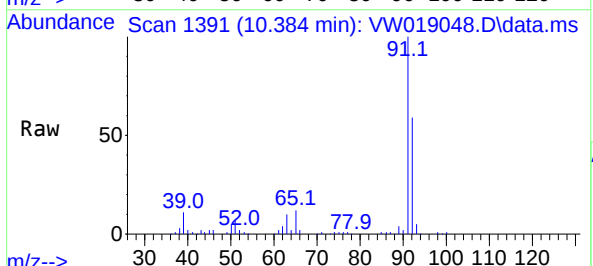
Manual Integrations
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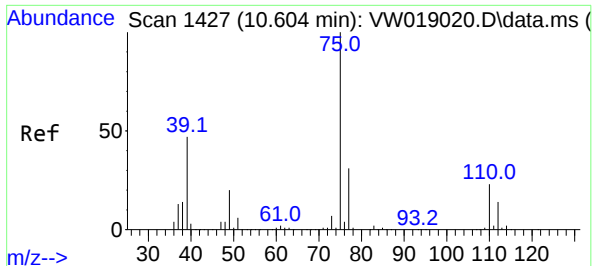
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#52
Toluene
Concen: 4.08 ug/l
RT: 10.384 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VW019048.D
Acq: 20 May 2021 18:29

Tgt Ion: 92 Resp: 43830
Ion Ratio Lower Upper
92 100
91 176.6 137.4 206.0





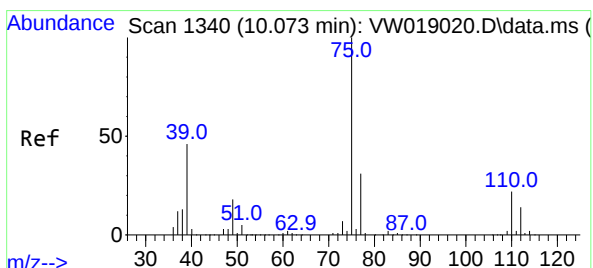
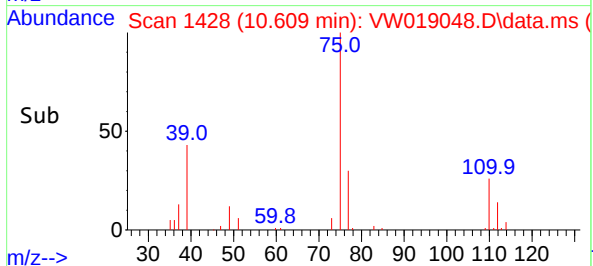
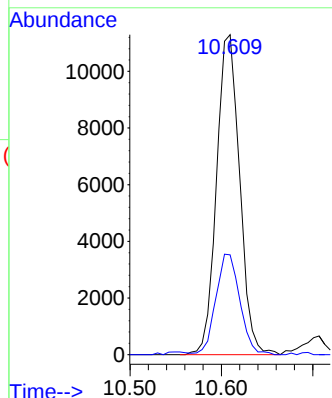
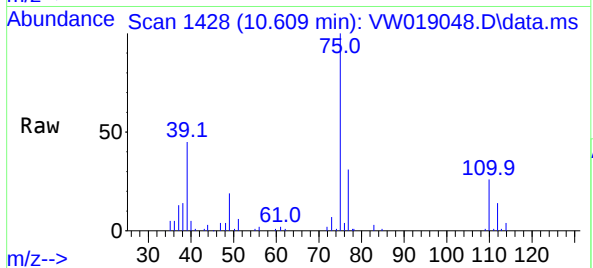
#53
t-1,3-Dichloropropene
Concen: 3.64 ug/l
RT: 10.609 min Scan# 1428
Delta R.T. 0.006 min
Lab File: VW019048.D
Acq: 20 May 2021 18:29

Tgt Ion: 75 Resp: 19841
Ion Ratio Lower Upper
75 100
77 31.2 24.8 37.2

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

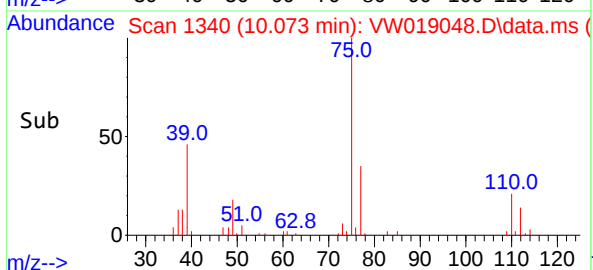
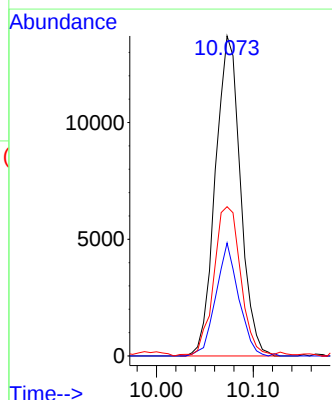
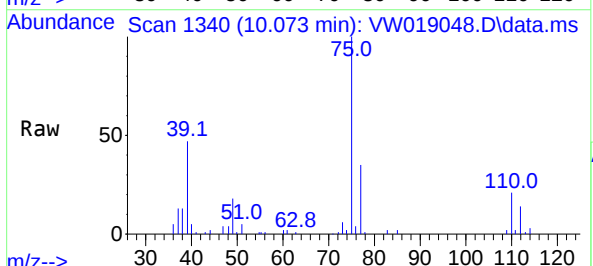
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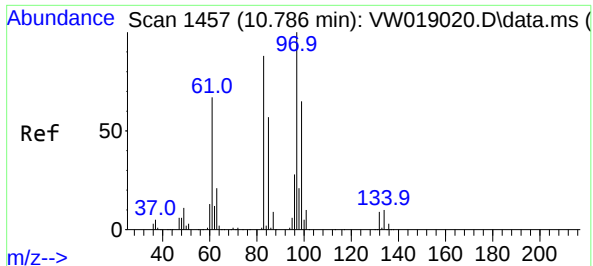
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#54
cis-1,3-Dichloropropene
Concen: 3.80 ug/l
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW019048.D
Acq: 20 May 2021 18:29

Tgt Ion: 75 Resp: 24657
Ion Ratio Lower Upper
75 100
77 35.3 25.0 37.6
39 46.2 36.9 55.3





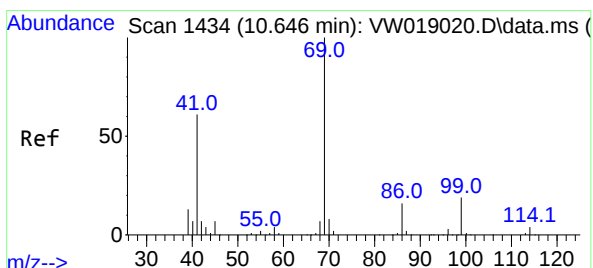
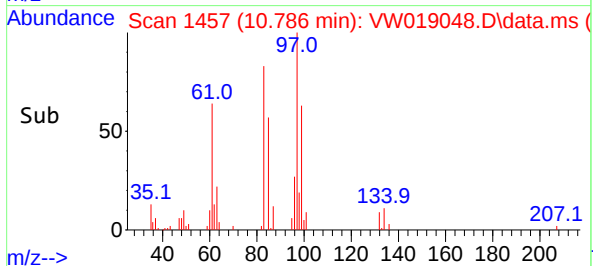
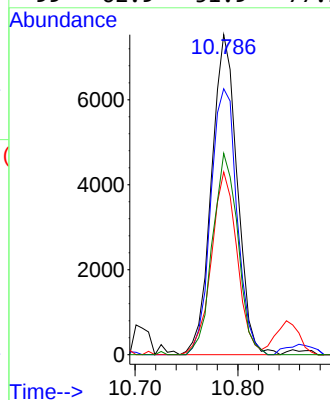
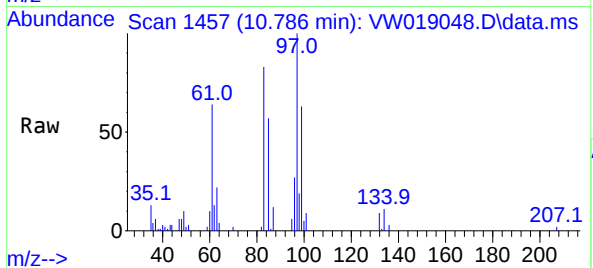
#55
1,1,2-Trichloroethane
Concen: 4.24 ug/l
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW019048.D
Acq: 20 May 2021 18:29

Tgt Ion:	97	Resp:	13059
Ion	Ratio	Lower	Upper
97	100		
83	83.1	70.6	106.0
85	57.1	45.8	68.6
99	62.9	51.9	77.9

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

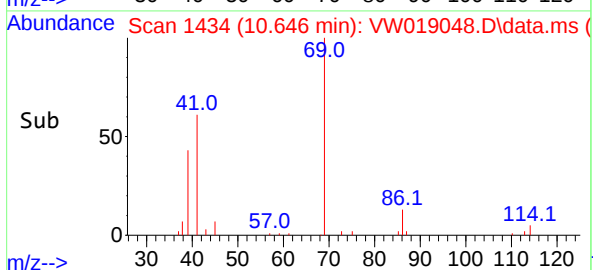
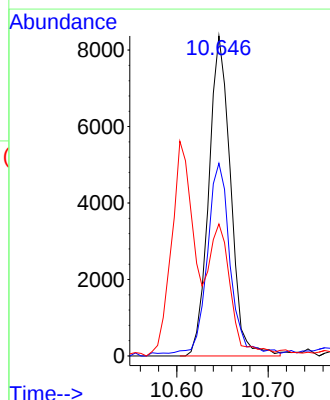
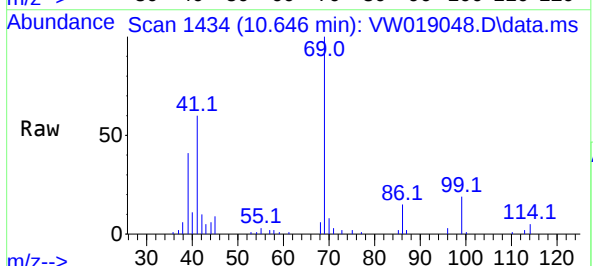
Manual Integrations
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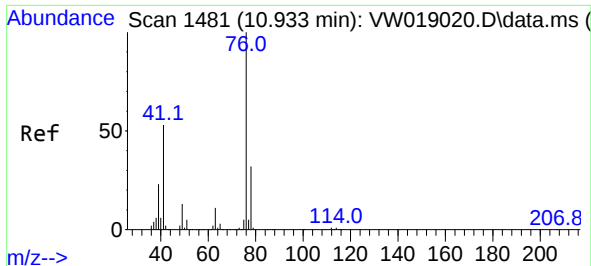
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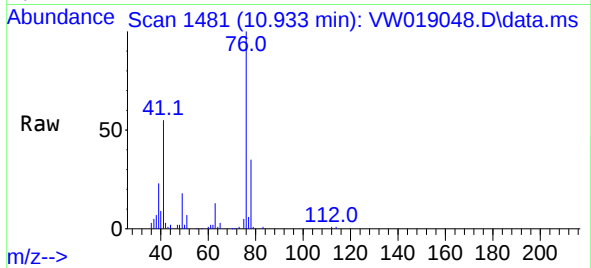
#56
Ethyl methacrylate
Concen: 3.58 ug/l
RT: 10.646 min Scan# 1434
Delta R.T. -0.000 min
Lab File: VW019048.D
Acq: 20 May 2021 18:29

Tgt Ion:	69	Resp:	13860
Ion	Ratio	Lower	Upper
69	100		
41	65.2	48.7	73.1
39	39.2	29.0	43.4

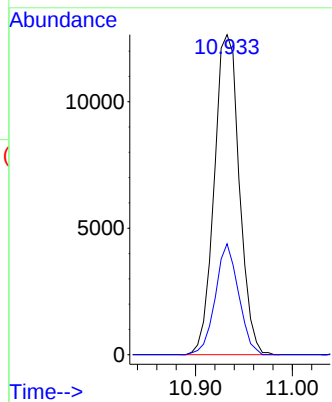
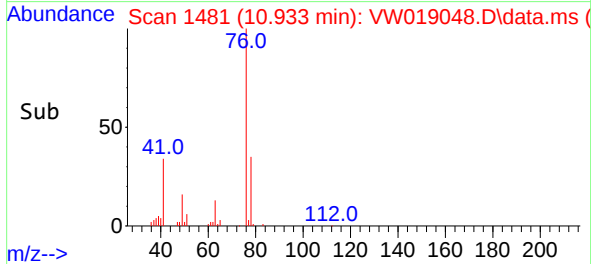




#57
1,3-Dichloropropane
Concen: 4.13 ug/l
RT: 10.933 min Scan# 1481
Delta R.T. -0.000 min
Lab File: VW019048.D
Acq: 20 May 2021 18:29



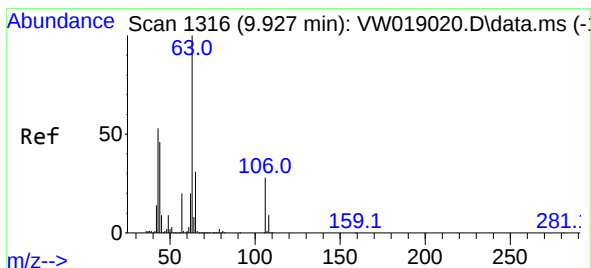
Tgt Ion: 76 Resp: 22743
Ion Ratio Lower Upper
76 100
78 32.1 25.5 38.3



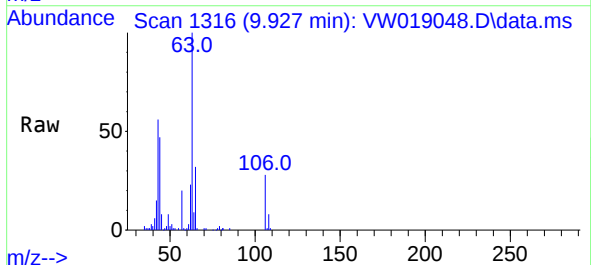
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

Manual Integrations
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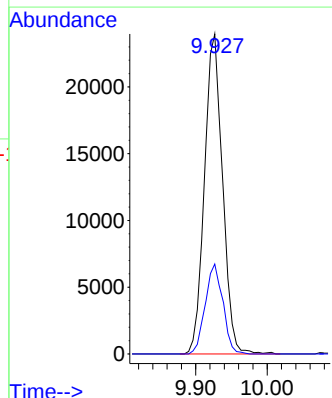
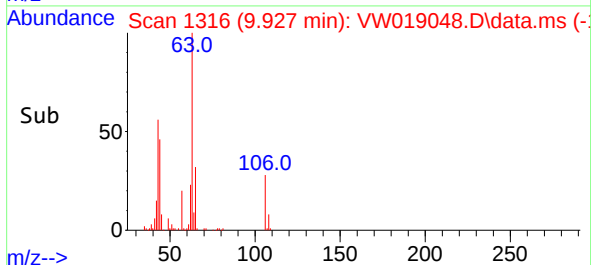
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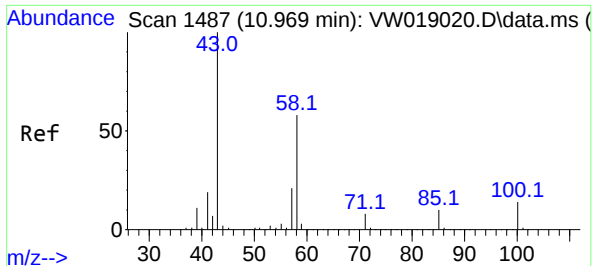


#58
2-Chloroethyl Vinyl ether
Concen: 21.04 ug/l
RT: 9.927 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VW019048.D
Acq: 20 May 2021 18:29



Tgt Ion: 63 Resp: 42081
Ion Ratio Lower Upper
63 100
106 27.4 22.3 33.5





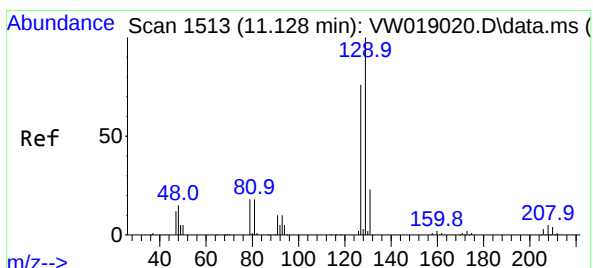
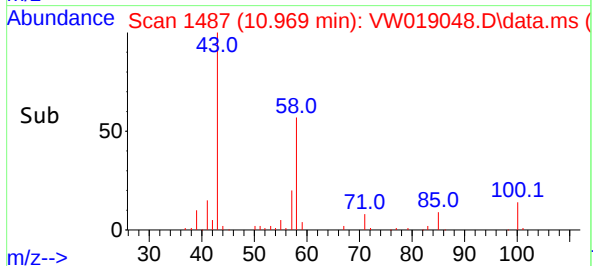
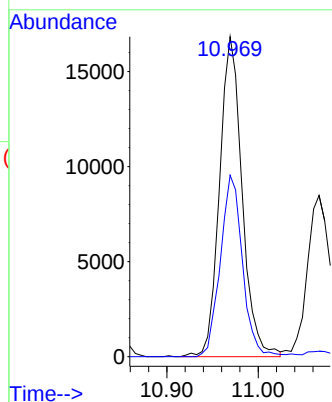
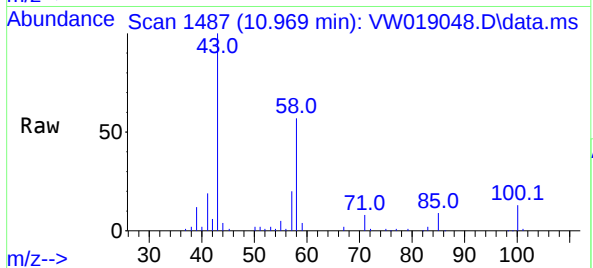
#59
2-Hexanone
Concen: 19.15 ug/l
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW019048.D
Acq: 20 May 2021 18:29

Tgt Ion: 43 Resp: 28882
Ion Ratio Lower Upper
43 100
58 55.7 29.0 87.1

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

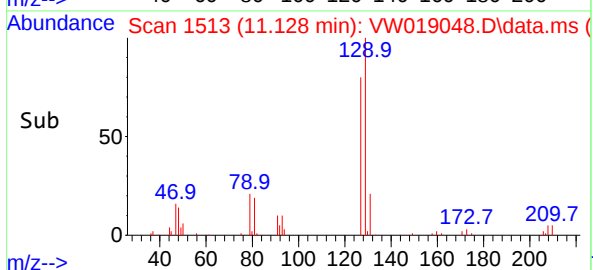
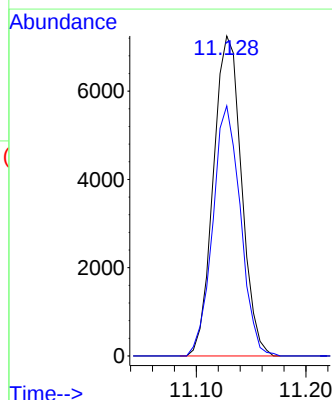
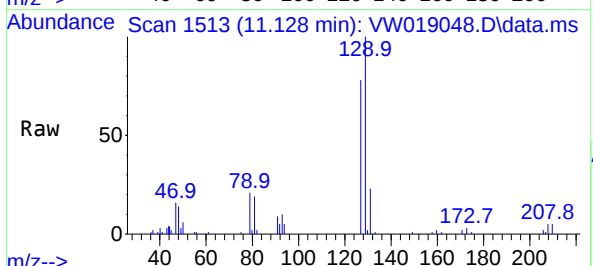
Manual Integrations
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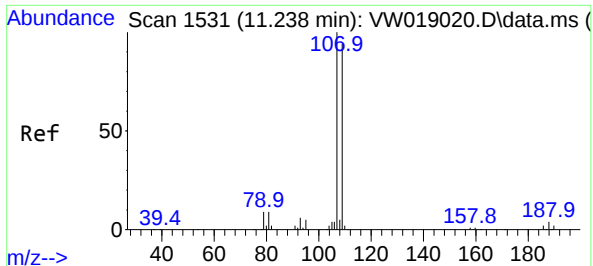
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#60
Dibromochloromethane
Concen: 3.75 ug/l
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW019048.D
Acq: 20 May 2021 18:29

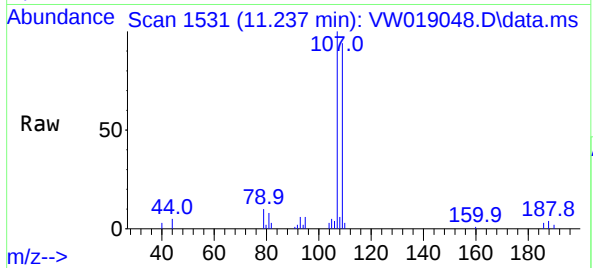
Tgt Ion: 129 Resp: 12937
Ion Ratio Lower Upper
129 100
127 76.9 38.2 114.6





#61
1,2-Dibromoethane
Concen: 3.97 ug/l
RT: 11.237 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VW019048.D
Acq: 20 May 2021 18:29

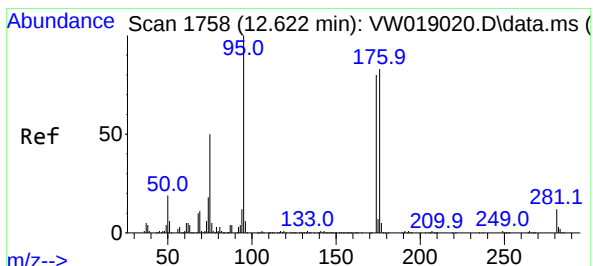
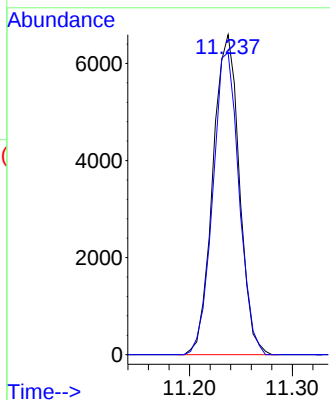
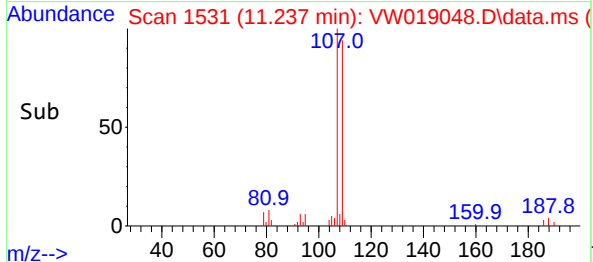
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



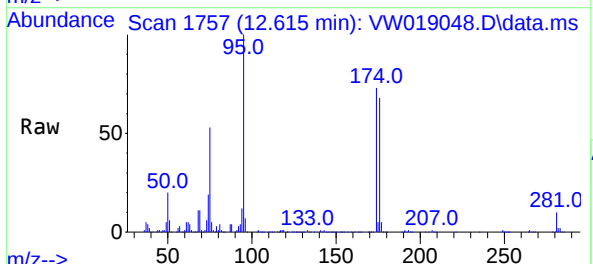
Tgt Ion:107 Resp: 11760
Ion Ratio Lower Upper
107 100
109 93.8 73.9 110.9

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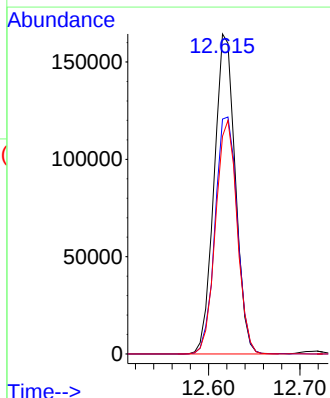
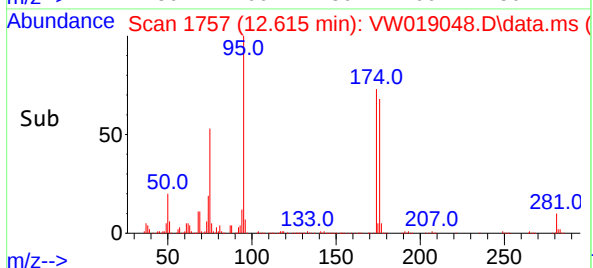
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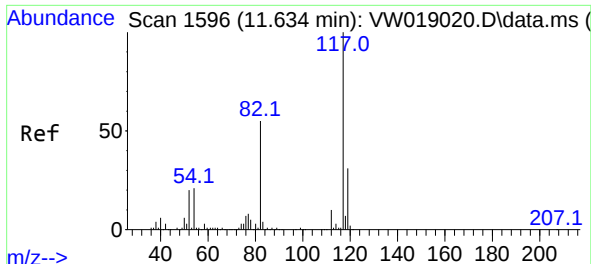


#62
4-Bromofluorobenzene
Concen: 55.07 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.007 min
Lab File: VW019048.D
Acq: 20 May 2021 18:29



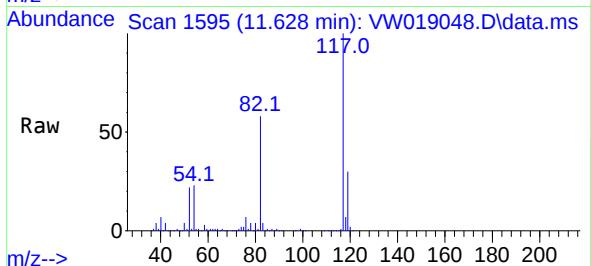
Tgt Ion: 95 Resp: 265122
Ion Ratio Lower Upper
95 100
174 77.5 0.0 156.2
176 74.1 0.0 160.8





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.628 min Scan# 1595
Delta R.T. -0.006 min
Lab File: VW019048.D
Acq: 20 May 2021 18:29

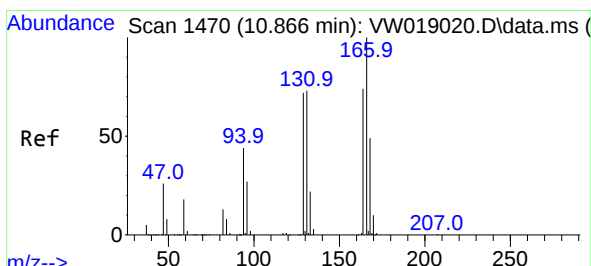
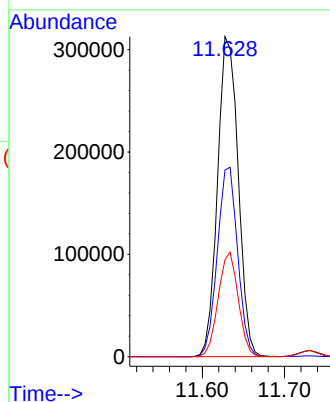
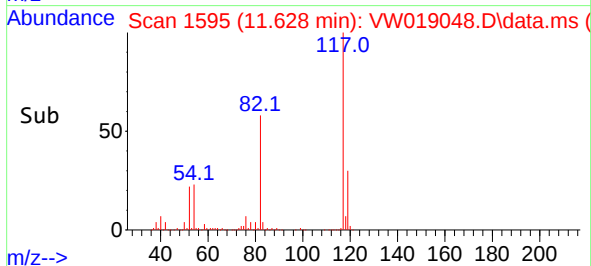
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



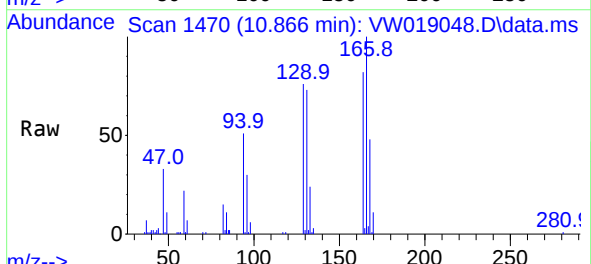
Tgt Ion:117 Resp: 546456
Ion Ratio Lower Upper
117 100
82 58.3 44.4 66.6
119 30.4 24.6 36.8

Manual Integrations
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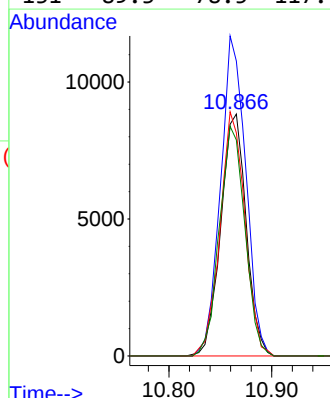
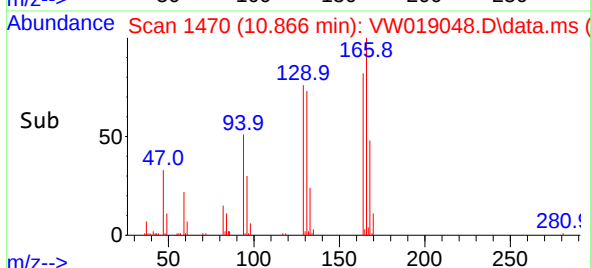
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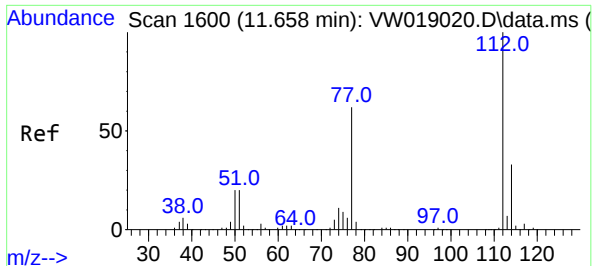


#64
Tetrachloroethene
Concen: 4.26 ug/l
RT: 10.866 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VW019048.D
Acq: 20 May 2021 18:29



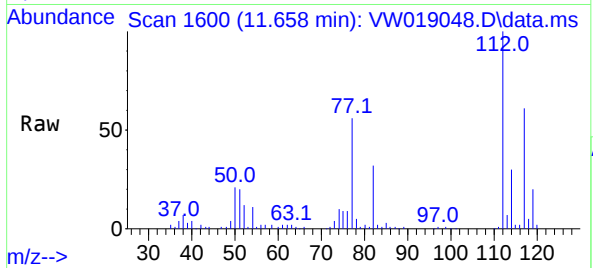
Tgt Ion:164 Resp: 15135
Ion Ratio Lower Upper
164 100
166 121.8 107.8 161.8
129 92.2 77.3 115.9
131 89.3 78.5 117.7





#65
Chlorobenzene
Concen: 4.32 ug/l
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW019048.D
Acq: 20 May 2021 18:29

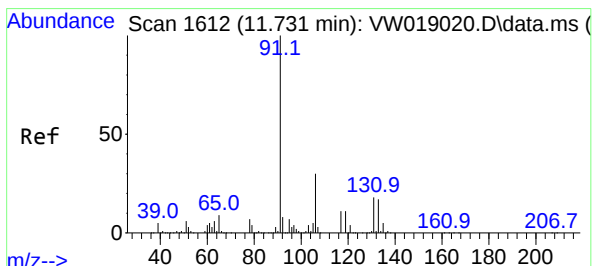
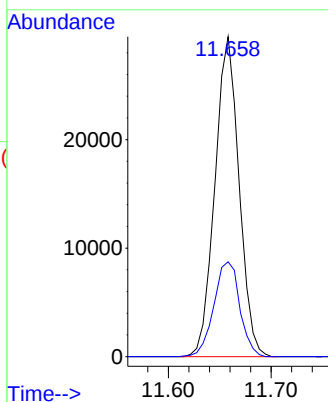
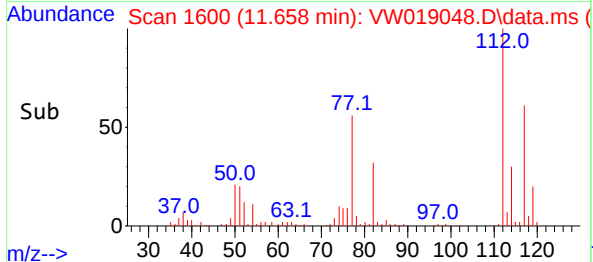
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



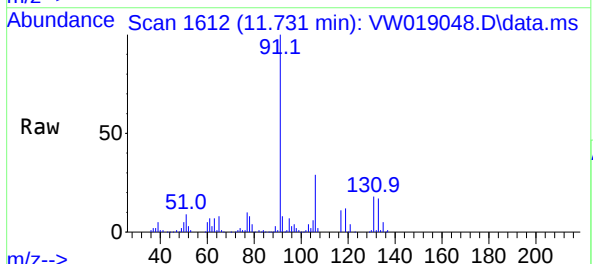
Tgt Ion:112 Resp: 48022
Ion Ratio Lower Upper
112 100
114 29.6 26.4 39.6

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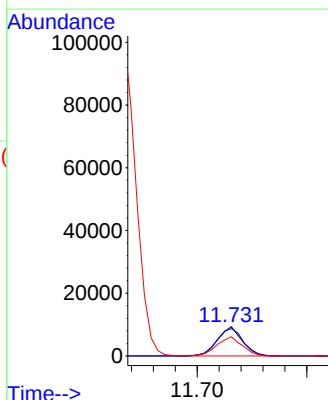
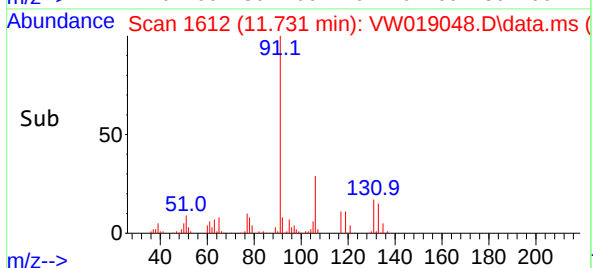
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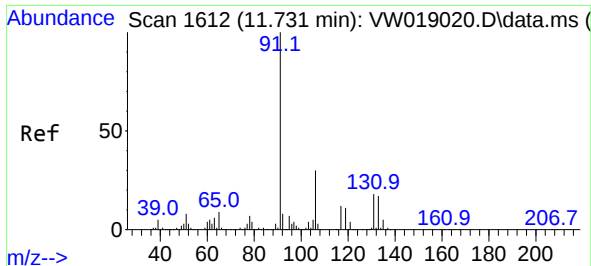


#66
1,1,1,2-Tetrachloroethane
Concen: 3.85 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW019048.D
Acq: 20 May 2021 18:29



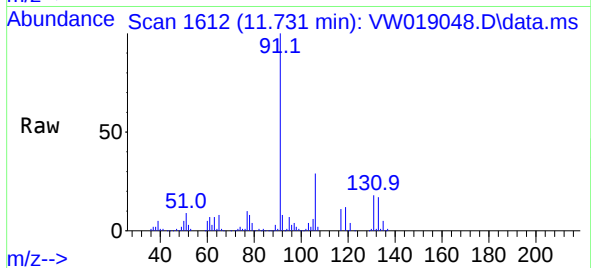
Tgt Ion:131 Resp: 14595
Ion Ratio Lower Upper
131 100
133 100.0 48.1 144.3
119 67.3 33.1 99.2





#67
Ethyl Benzene
Concen: 4.07 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW019048.D
Acq: 20 May 2021 18:29

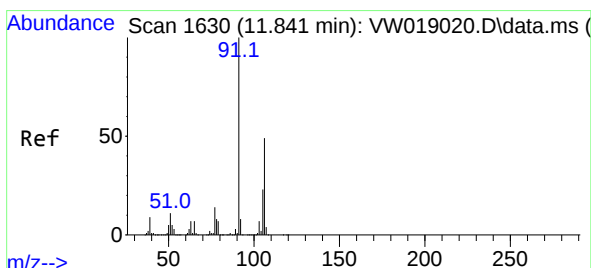
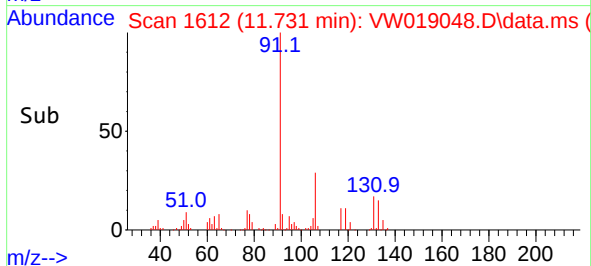
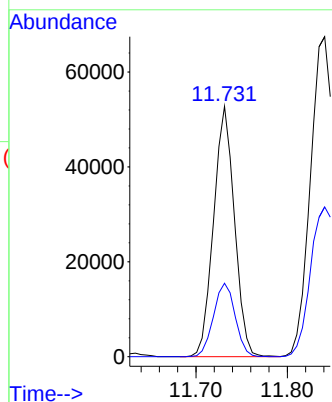
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



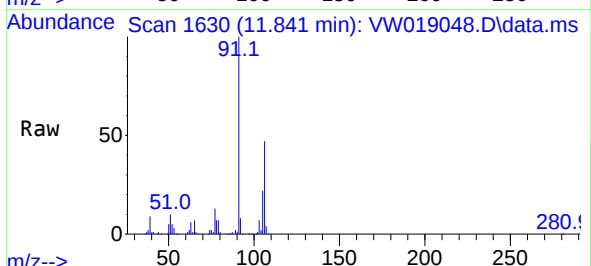
Tgt Ion: 91 Resp: 83695
Ion Ratio Lower Upper
91 100
106 29.3 24.0 36.0

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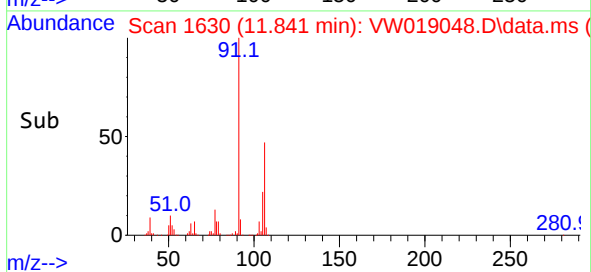
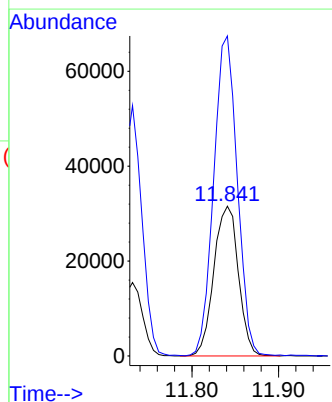
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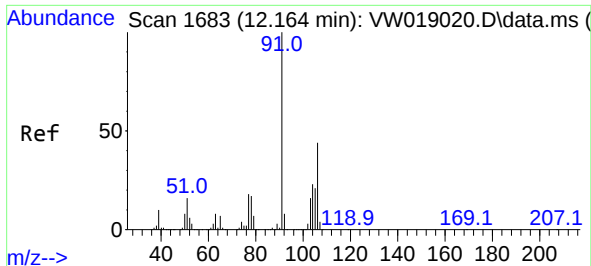


#68
m/p-Xylenes
Concen: 8.05 ug/l
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW019048.D
Acq: 20 May 2021 18:29



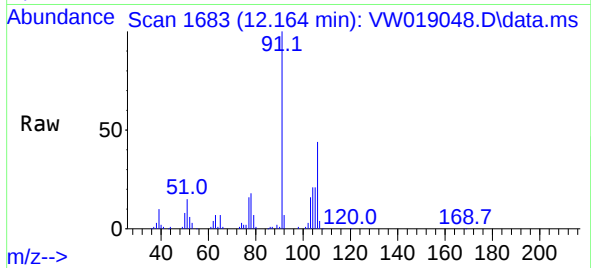
Tgt Ion: 106 Resp: 62161
Ion Ratio Lower Upper
106 100
91 204.7 164.2 246.2





#69
o-Xylene
Concen: 3.96 ug/l
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW019048.D
Acq: 20 May 2021 18:29

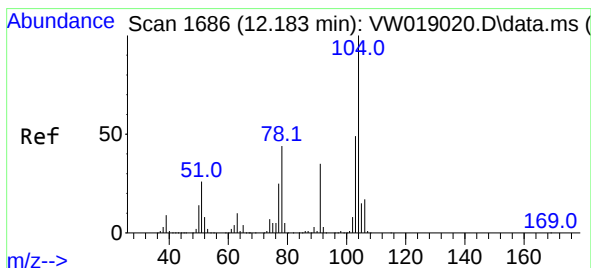
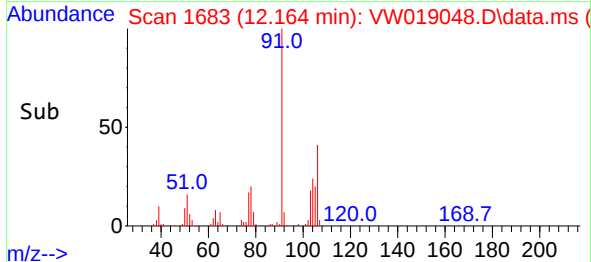
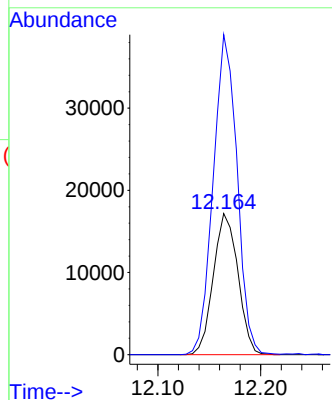
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



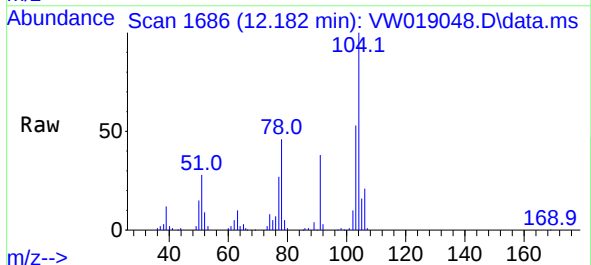
Tgt Ion:106 Resp: 28537
Ion Ratio Lower Upper
106 100
91 220.0 109.1 327.2

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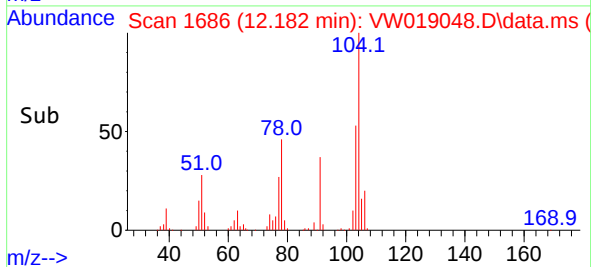
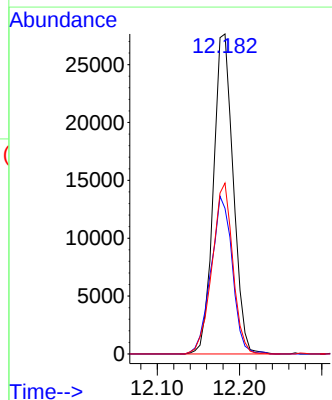
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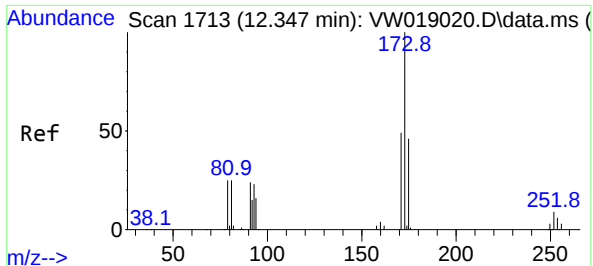


#70
Styrene
Concen: 3.78 ug/l
RT: 12.182 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW019048.D
Acq: 20 May 2021 18:29



Tgt Ion:104 Resp: 46222
Ion Ratio Lower Upper
104 100
78 53.1 41.3 61.9
103 55.7 44.1 66.1





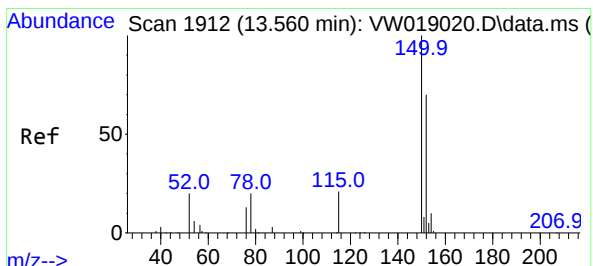
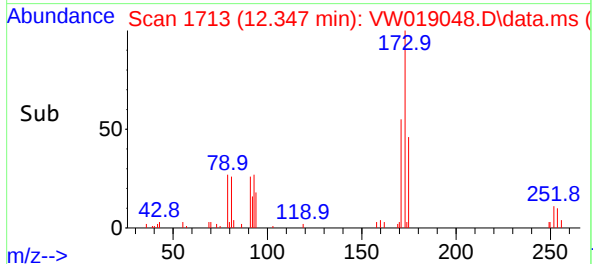
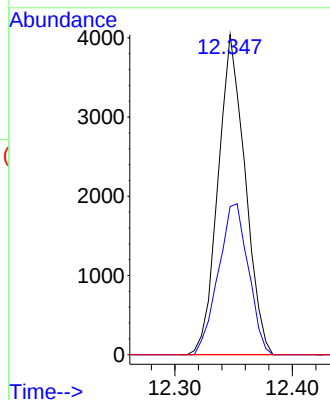
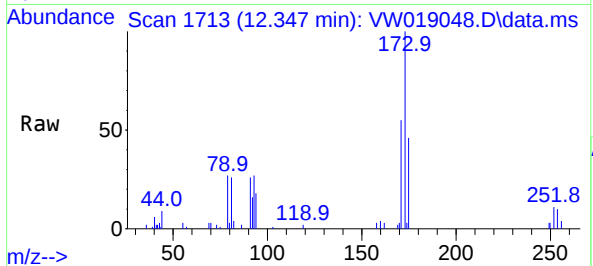
#71
Bromoform
Concen: 3.40 ug/l
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW019048.D
Acq: 20 May 2021 18:29

Tgt Ion:	173	Resp:	6466
Ion Ratio	Lower	Upper	
173	100		
175	52.4	24.6	73.8
254	0.0	0.1	0.1#

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

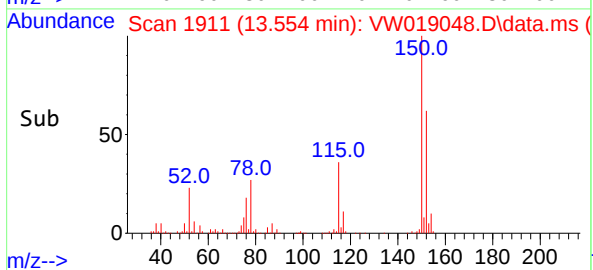
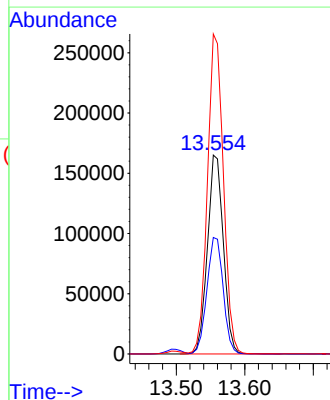
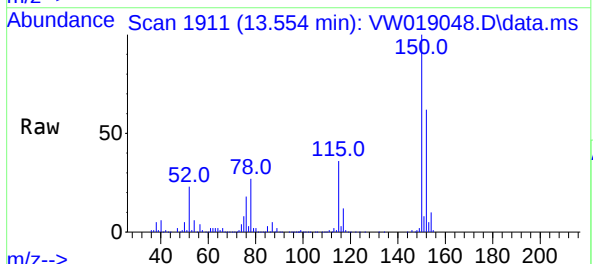
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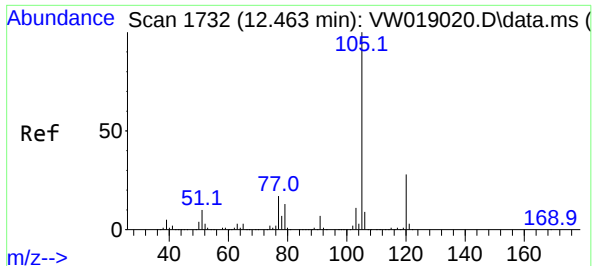
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.554 min Scan# 1911
Delta R.T. -0.006 min
Lab File: VW019048.D
Acq: 20 May 2021 18:29

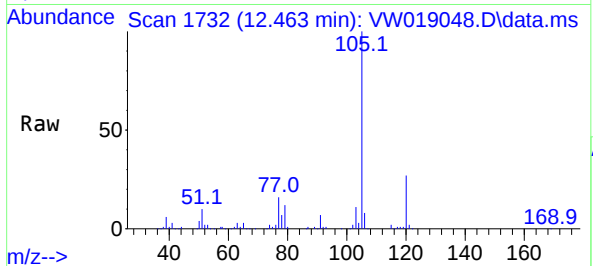
Tgt Ion:	152	Resp:	266819
Ion Ratio	Lower	Upper	
152	100		
115	60.0	30.3	90.8
150	160.9	0.0	356.0





#73
Isopropylbenzene
Concen: 4.03 ug/l
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW019048.D
Acq: 20 May 2021 18:29

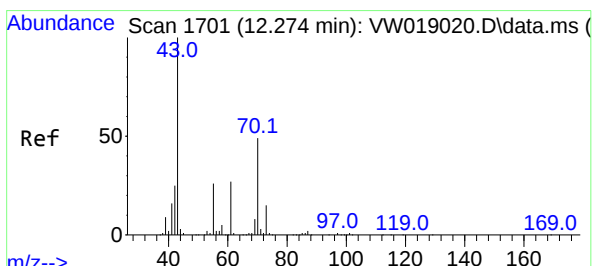
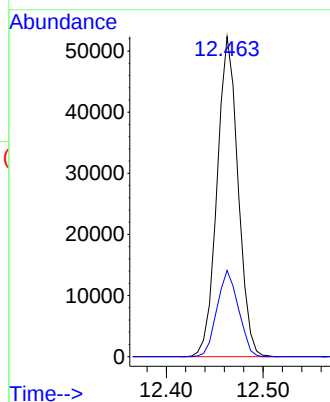
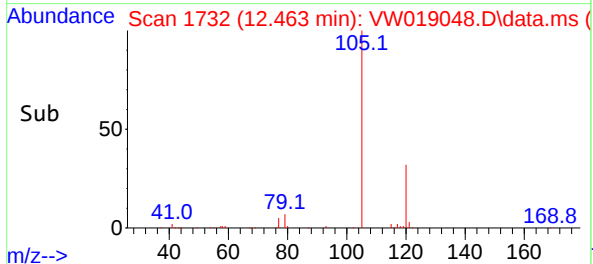
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



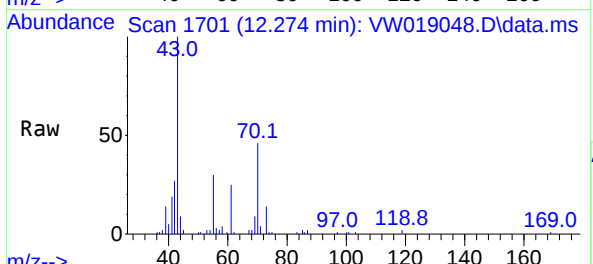
Tgt Ion: 105 Resp: 78828
Ion Ratio Lower Upper
105 100
120 27.5 13.2 39.5

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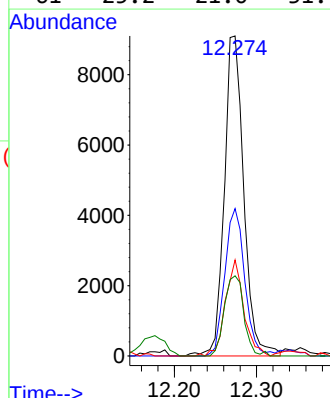
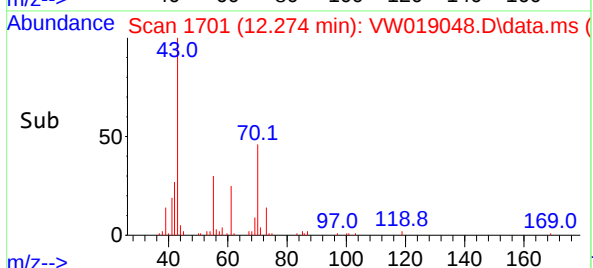
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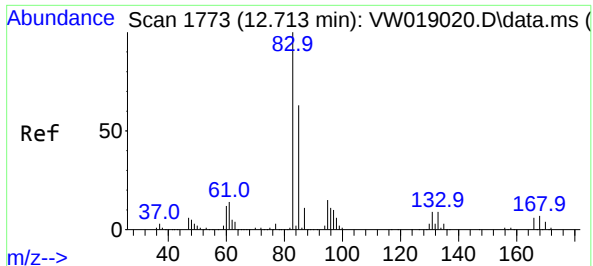


#74
N-ethyl acetate
Concen: 3.73 ug/l
RT: 12.274 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VW019048.D
Acq: 20 May 2021 18:29



Tgt Ion: 43 Resp: 15038
Ion Ratio Lower Upper
43 100
70 47.3 38.4 57.6
55 28.4 21.6 32.4
61 25.2 21.0 31.4





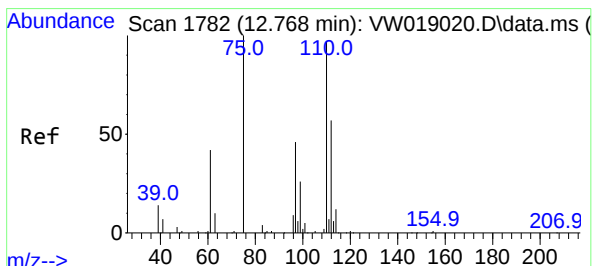
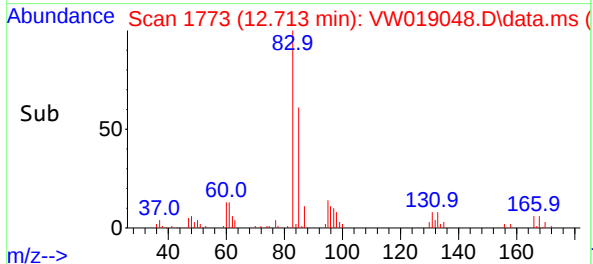
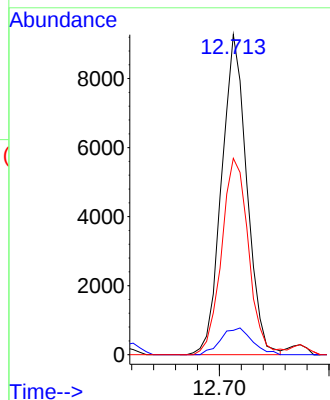
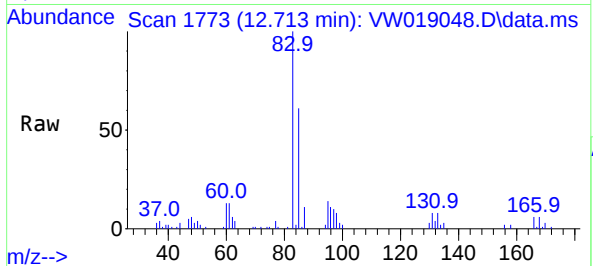
#75
1,1,2,2-Tetrachloroethane
Concen: 4.23 ug/l
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW019048.D
Acq: 20 May 2021 18:29

Tgt Ion: 83 Resp: 14816
Ion Ratio Lower Upper
83 100
131 10.4 5.1 15.2
85 65.8 31.6 94.8

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

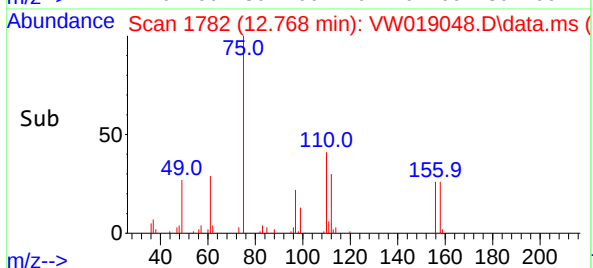
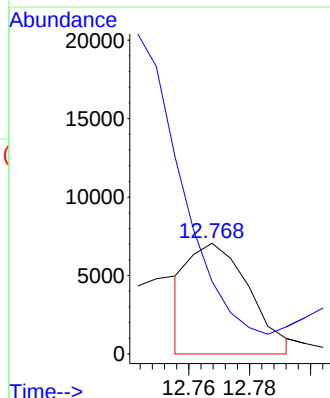
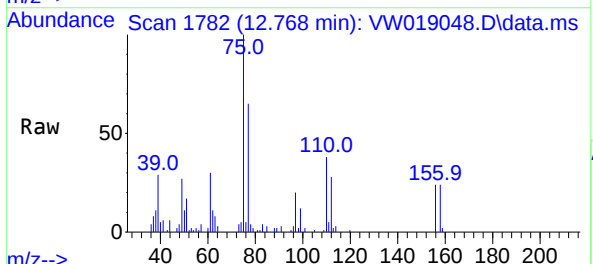
Manual Integrations
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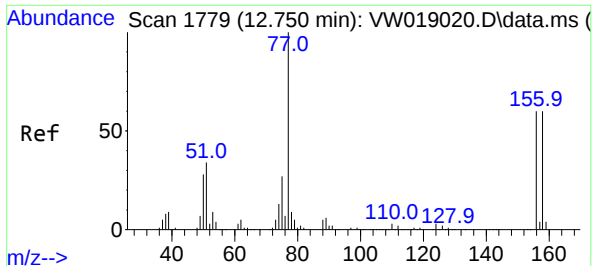
MMDadoda
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#76
1,2,3-Trichloropropane
Concen: 3.85 ug/l m
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW019048.D
Acq: 20 May 2021 18:29

Tgt Ion: 75 Resp: 9703
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





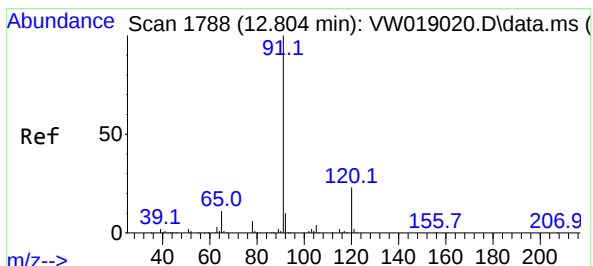
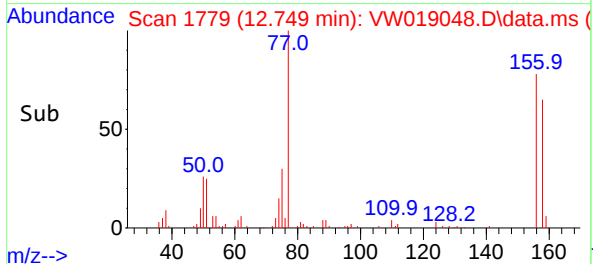
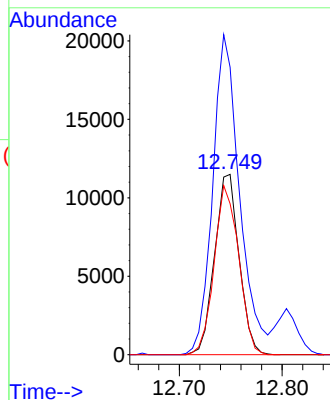
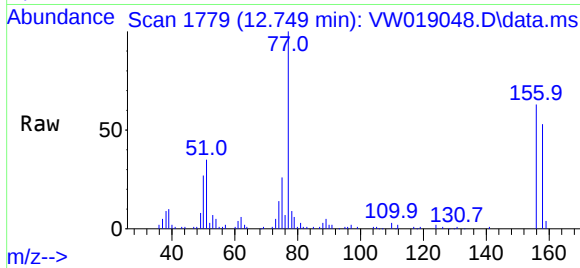
#77
Bromobenzene
Concen: 4.41 ug/l
RT: 12.749 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VW019048.D
Acq: 20 May 2021 18:29

Tgt Ion: 156 Resp: 19030
Ion Ratio Lower Upper
156 100
77 194.2 96.7 290.0
158 93.8 48.4 145.3

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

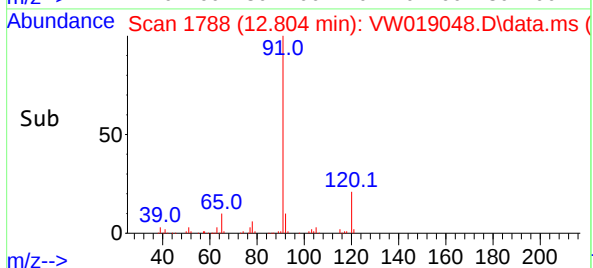
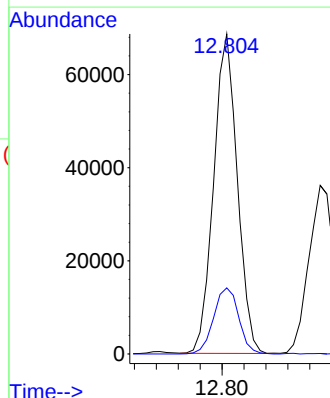
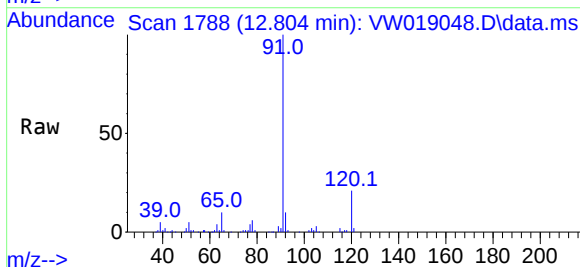
Manual Integrations
APPROVED

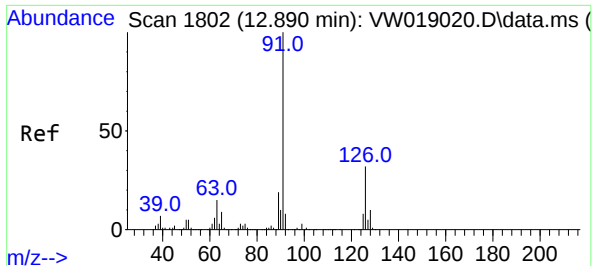
MMDadoda
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#78
n-propylbenzene
Concen: 4.29 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. -0.000 min
Lab File: VW019048.D
Acq: 20 May 2021 18:29

Tgt Ion: 91 Resp: 102632
Ion Ratio Lower Upper
91 100
120 22.0 11.1 33.3





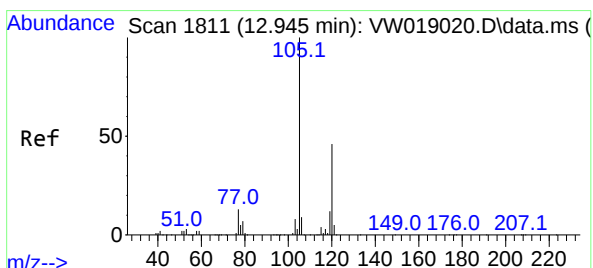
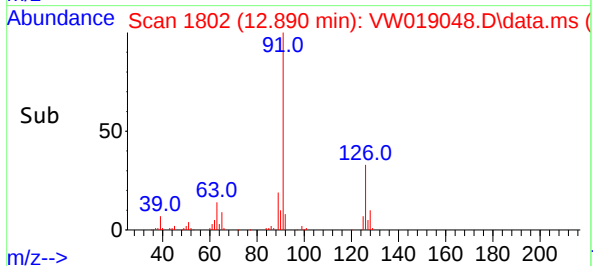
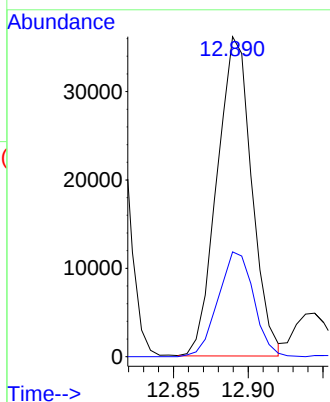
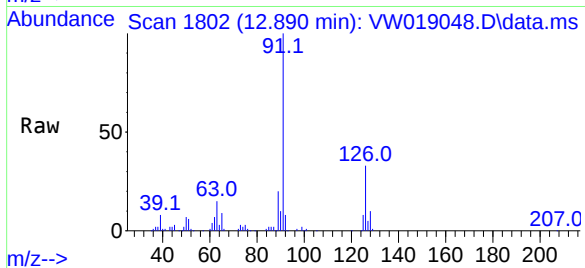
#79
2-Chlorotoluene
Concen: 4.28 ug/l
RT: 12.890 min Scan# 1802
Delta R.T. -0.000 min
Lab File: VW019048.D
Acq: 20 May 2021 18:29

Tgt Ion: 91 Resp: 58321
Ion Ratio Lower Upper
91 100
126 33.6 16.5 49.5

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

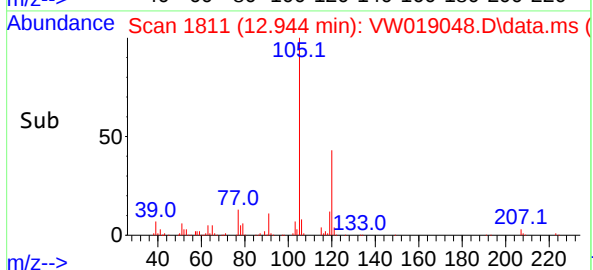
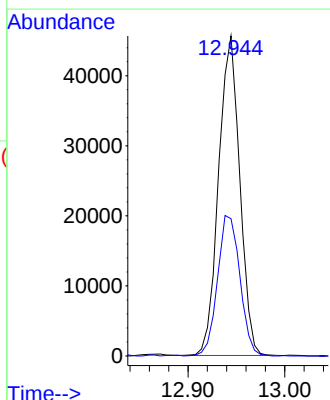
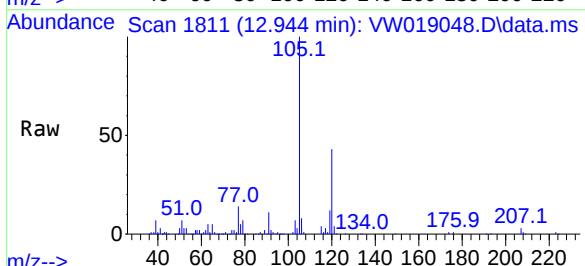
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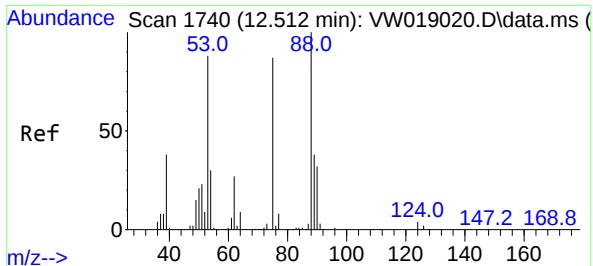
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#80
1,3,5-Trimethylbenzene
Concen: 4.17 ug/l
RT: 12.944 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VW019048.D
Acq: 20 May 2021 18:29

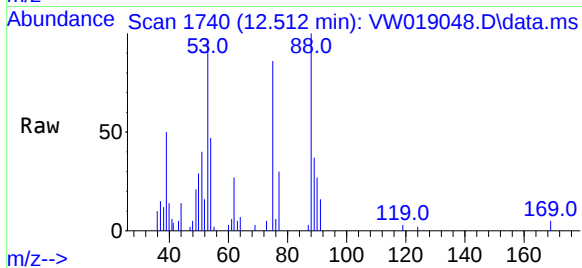
Tgt Ion: 105 Resp: 69202
Ion Ratio Lower Upper
105 100
120 46.6 24.1 72.2





#81
trans-1,4-Dichloro-2-butene
Concen: 3.41 ug/l m
RT: 12.512 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VW019048.D
Acq: 20 May 2021 18:29

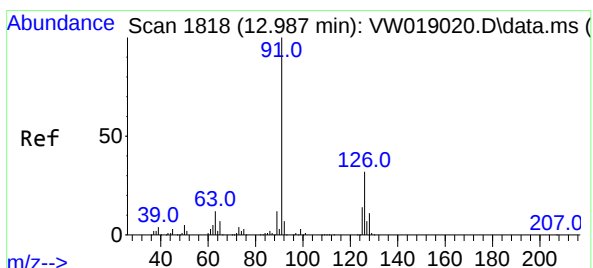
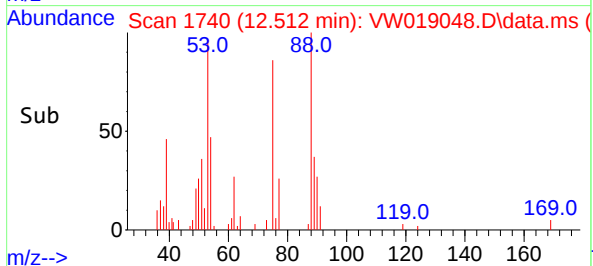
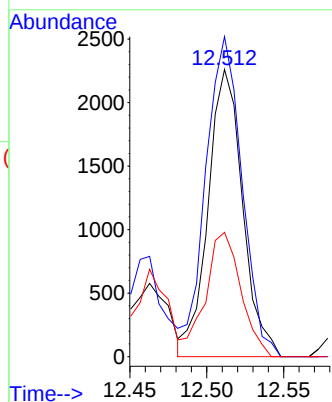
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	81.5	122.3#
89	3.4	36.3	54.5#

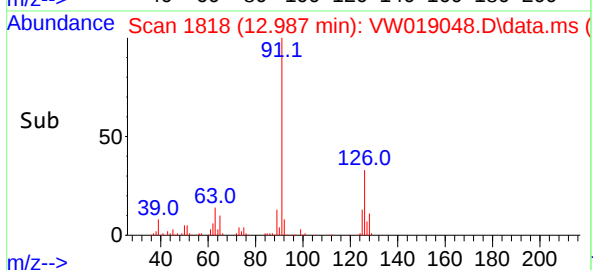
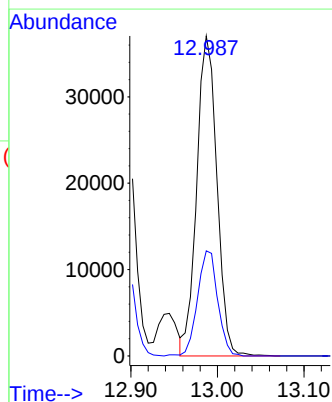
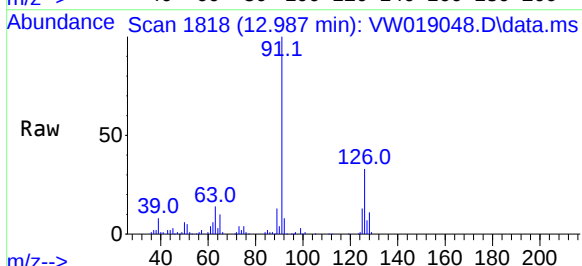
Manual Integrations
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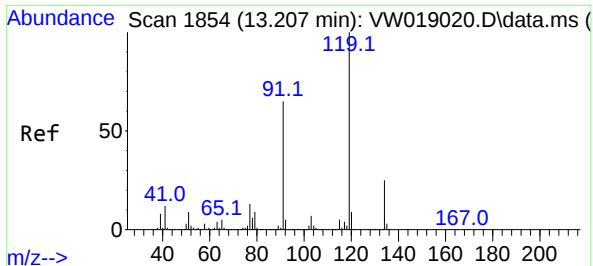
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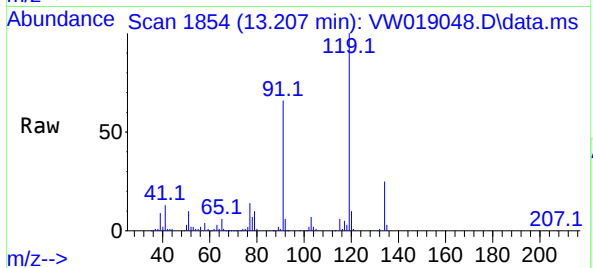
#82
4-Chlorotoluene
Concen: 4.14 ug/l
RT: 12.987 min Scan# 1818
Delta R.T. -0.000 min
Lab File: VW019048.D
Acq: 20 May 2021 18:29

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.0	16.1	48.2

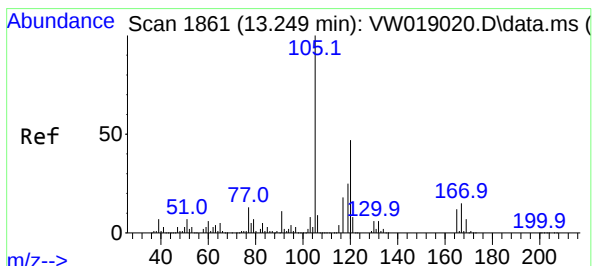
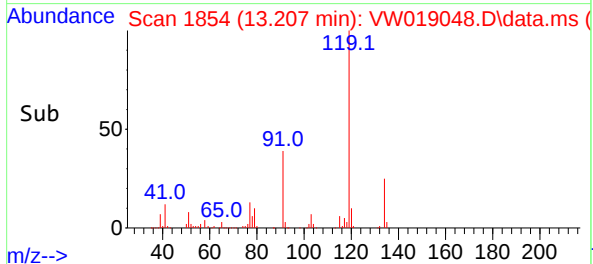
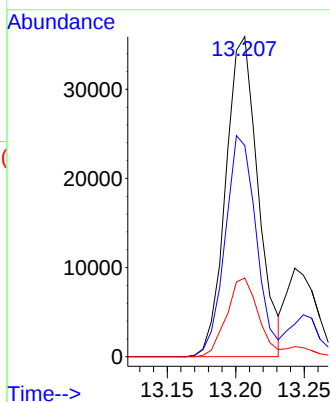




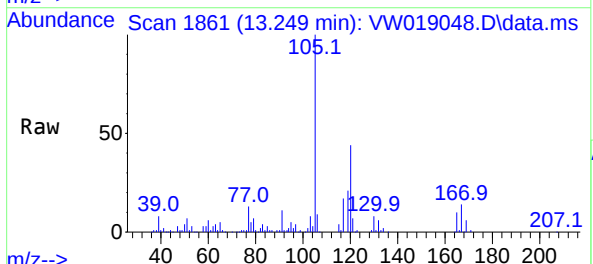
#83
tert-Butylbenzene
Concen: 4.20 ug/l
RT: 13.207 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VW019048.D
Acq: 20 May 2021 18:29



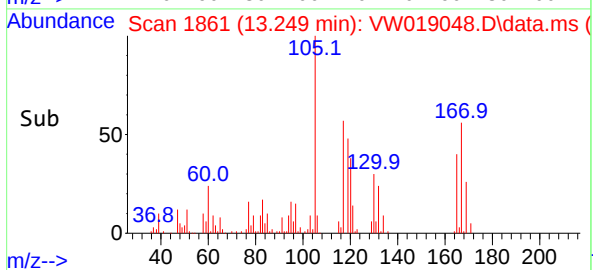
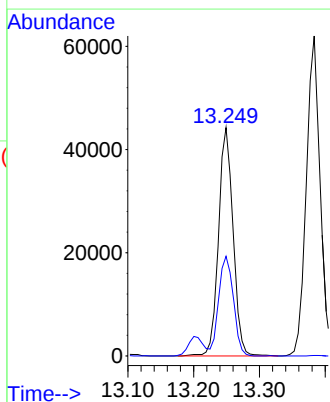
Tgt Ion:119 Resp: 58778
Ion Ratio Lower Upper
119 100
91 66.7 34.0 102.0
134 24.6 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 4.14 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW019048.D
Acq: 20 May 2021 18:29



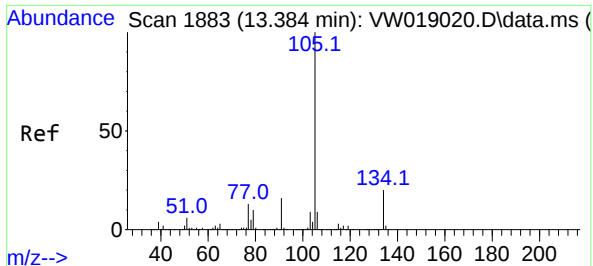
Tgt Ion:105 Resp: 68269
Ion Ratio Lower Upper
105 100
120 43.8 22.4 67.0



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

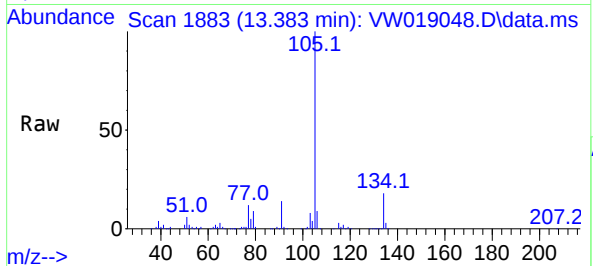
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#85
 sec-Butylbenzene
 Concen: 4.34 ug/l
 RT: 13.383 min Scan# 1883
 Delta R.T. -0.000 min
 Lab File: VW019048.D
 Acq: 20 May 2021 18:29

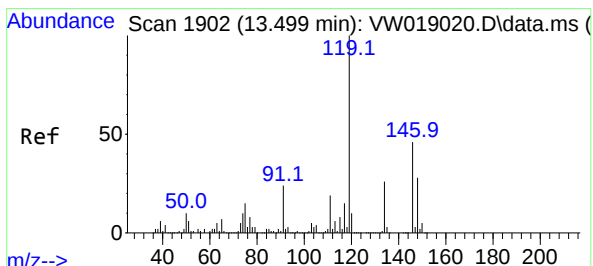
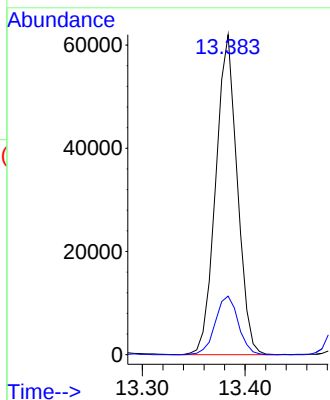
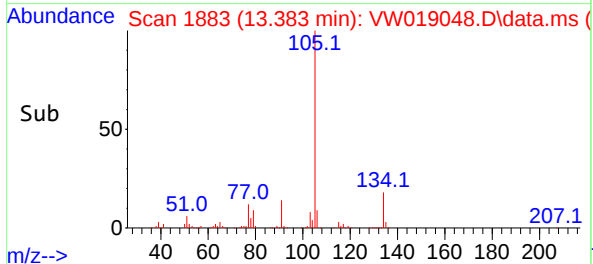
Instrument :
 MSVOA_W
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2021



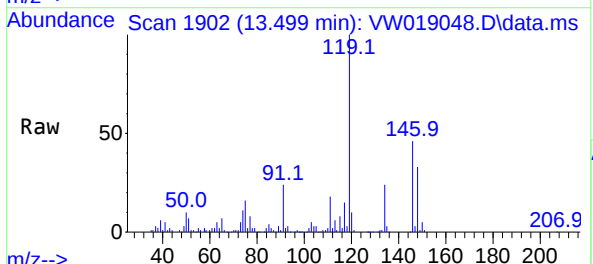
Tgt Ion:105 Resp: 90116
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.1 30.1

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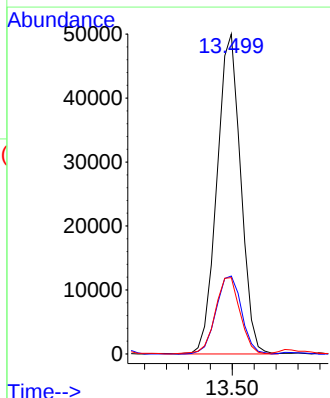
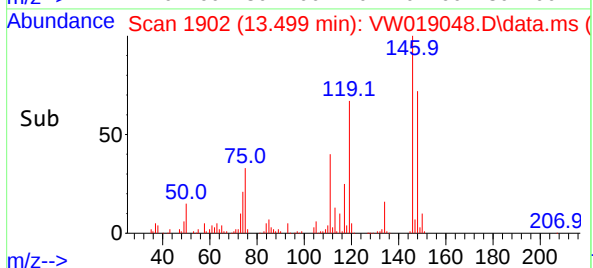
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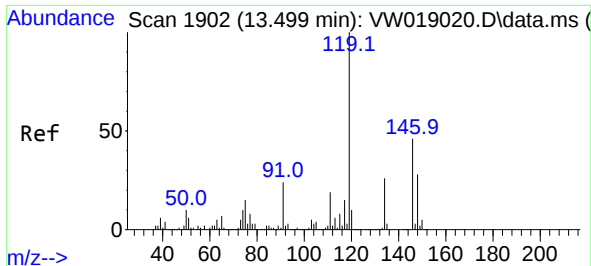


#86
 p-Isopropyltoluene
 Concen: 4.19 ug/l
 RT: 13.499 min Scan# 1902
 Delta R.T. -0.000 min
 Lab File: VW019048.D
 Acq: 20 May 2021 18:29



Tgt Ion:119 Resp: 75268
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.8 38.3
 91 25.0 12.1 36.3





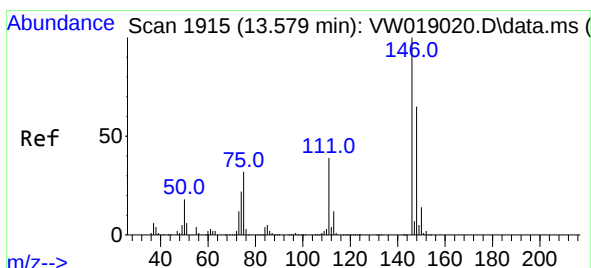
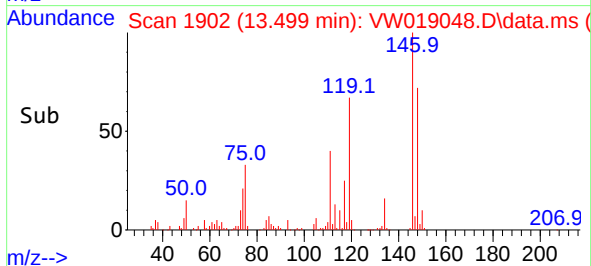
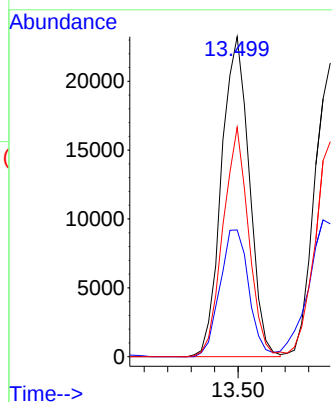
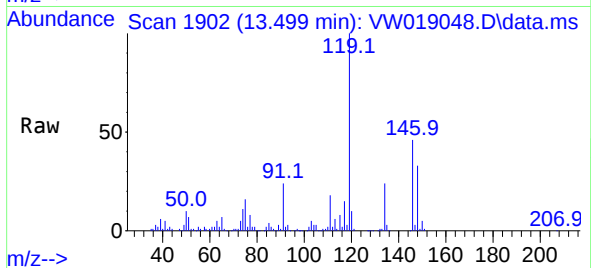
#87
1,3-Dichlorobenzene
Concen: 4.33 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW019048.D
Acq: 20 May 2021 18:29

Tgt Ion:	146	Resp:	38135
Ion	Ratio	Lower	Upper
146	100		
111	41.2	20.7	62.1
148	66.7	31.8	95.3

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

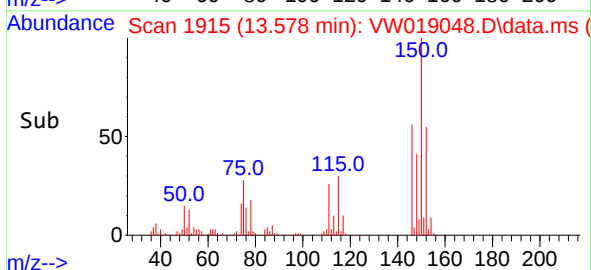
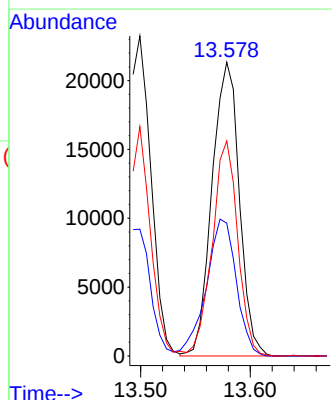
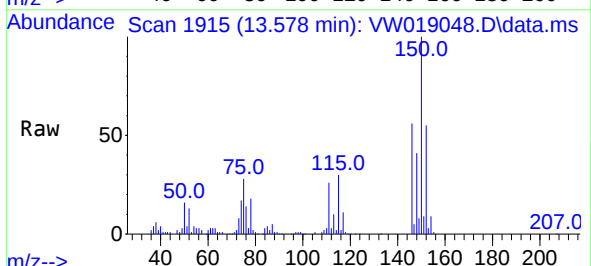
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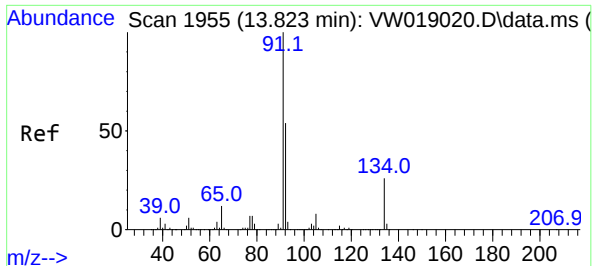
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#88
1,4-Dichlorobenzene
Concen: 4.25 ug/l
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW019048.D
Acq: 20 May 2021 18:29

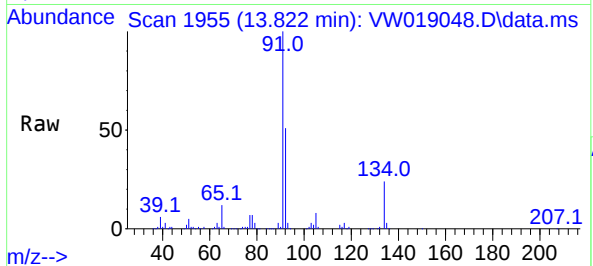
Tgt Ion:	146	Resp:	36917
Ion	Ratio	Lower	Upper
146	100		
111	51.4	20.1	60.3
148	68.5	32.4	97.2





#89
n-Butylbenzene
Concen: 4.30 ug/l
RT: 13.822 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VW019048.D
Acq: 20 May 2021 18:29

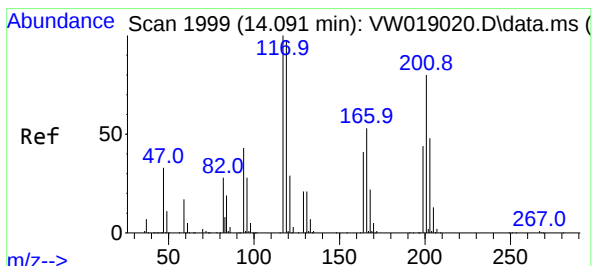
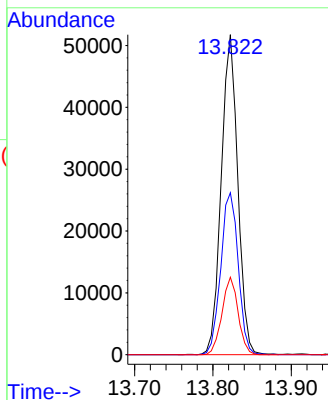
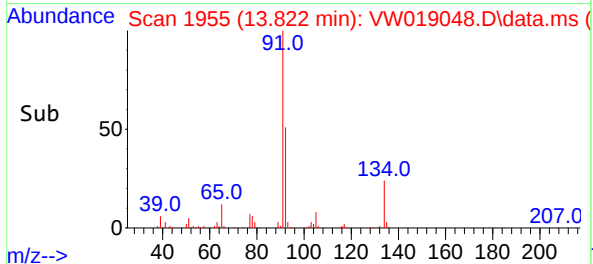
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



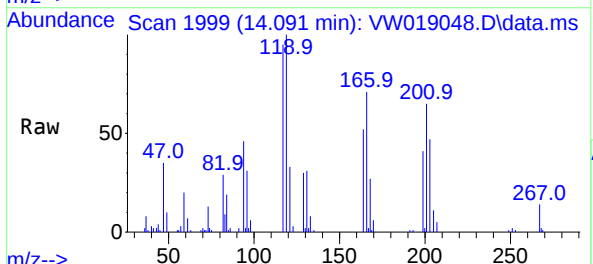
Tgt Ion: 91 Resp: 76092
Ion Ratio Lower Upper
91 100
92 53.5 26.6 79.8
134 23.6 12.7 38.0

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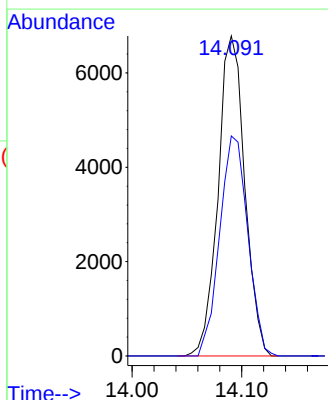
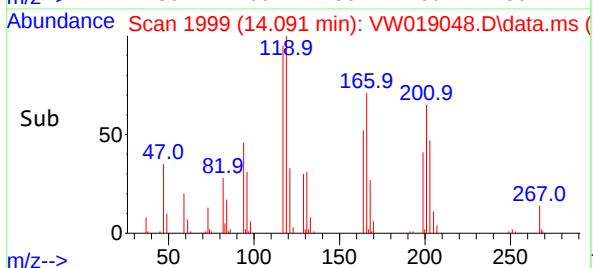
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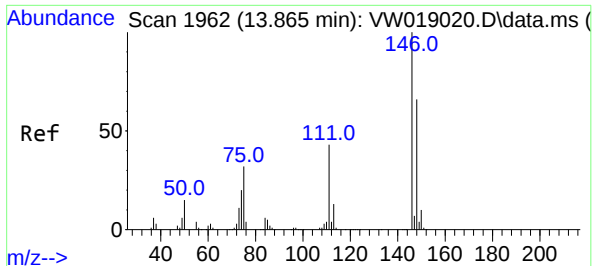


#90
Hexachloroethane
Concen: 4.08 ug/l
RT: 14.091 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VW019048.D
Acq: 20 May 2021 18:29



Tgt Ion: 117 Resp: 11486
Ion Ratio Lower Upper
117 100
201 72.4 38.4 115.2





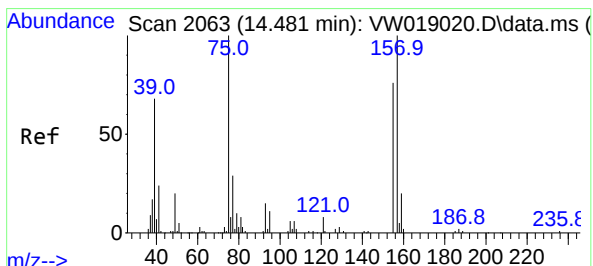
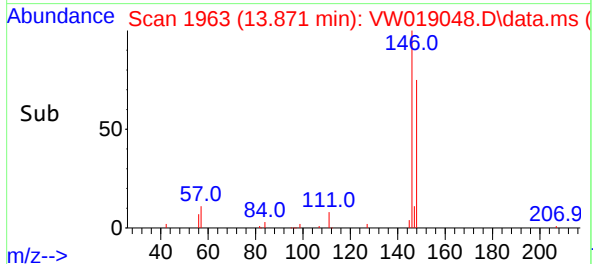
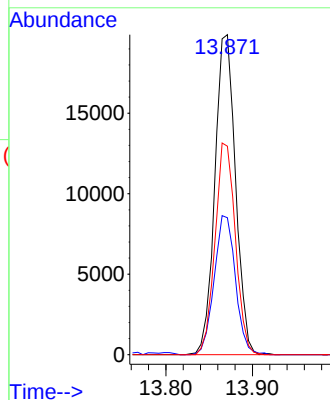
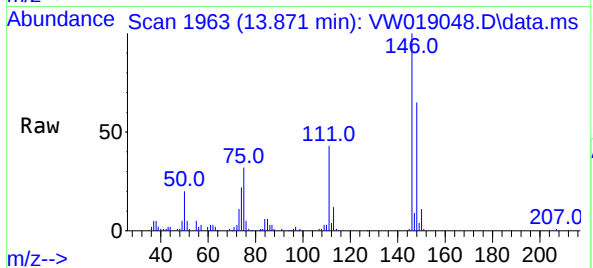
#91
1,2-Dichlorobenzene
Concen: 4.23 ug/l
RT: 13.871 min Scan# 1963
Delta R.T. 0.006 min
Lab File: VW019048.D
Acq: 20 May 2021 18:29

Tgt Ion:	146	Resp:	32950
Ion Ratio	Lower	Upper	
146	100		
111	44.7	21.1	63.1
148	65.1	32.6	97.7

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

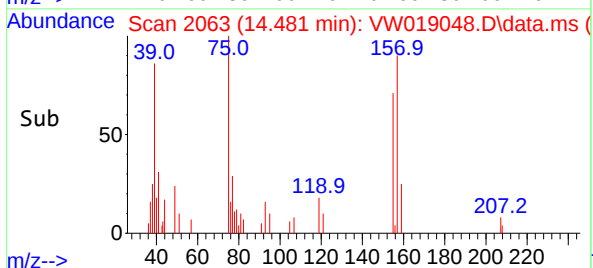
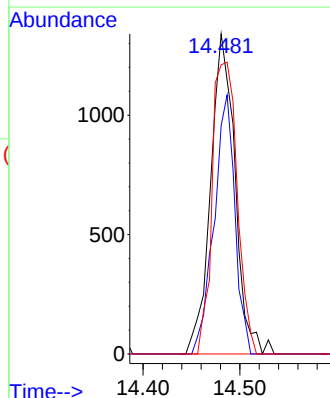
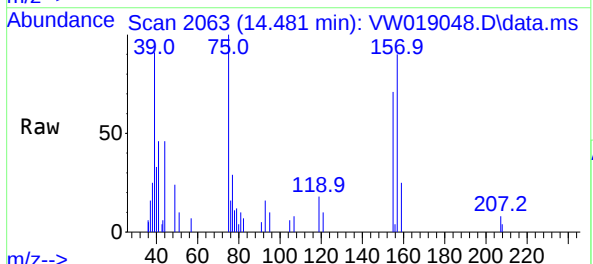
Manual Integrations
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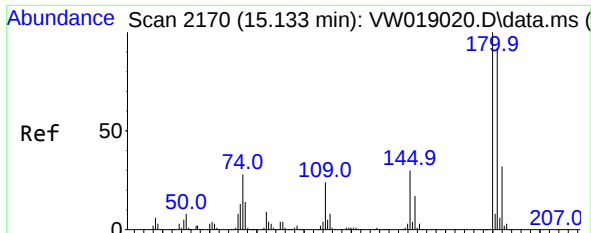
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#92
1,2-Dibromo-3-Chloropropane
Concen: 4.21 ug/l
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW019048.D
Acq: 20 May 2021 18:29

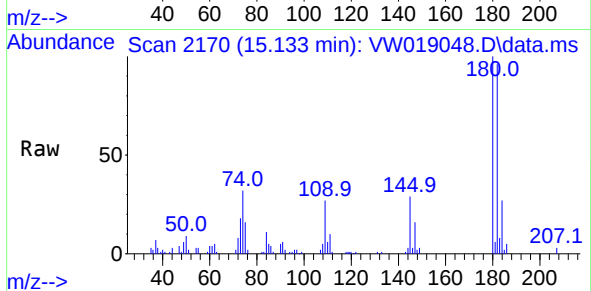
Tgt Ion:	75	Resp:	2354
Ion Ratio	Lower	Upper	
75	100		
155	69.2	41.3	124.1
157	93.2	51.2	153.6





#93
1,2,4-Trichlorobenzene
Concen: 4.51 ug/l
RT: 15.133 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VW019048.D
Acq: 20 May 2021 18:29

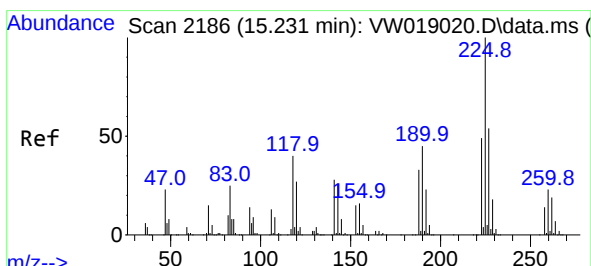
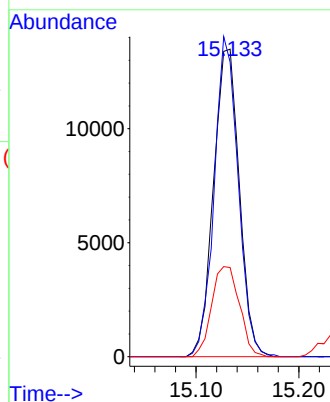
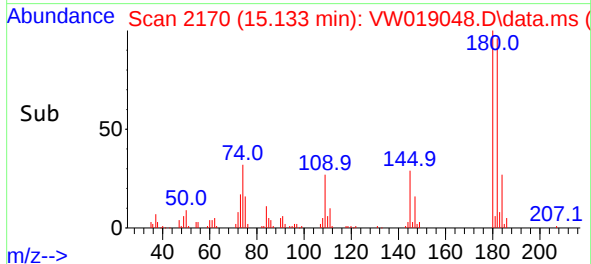
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



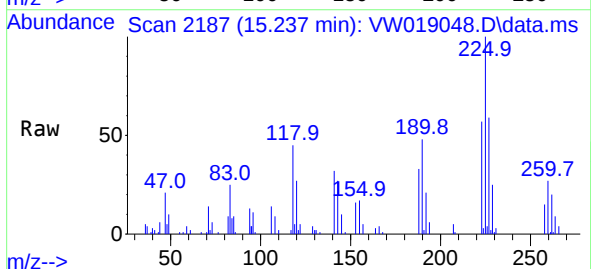
Tgt Ion:180 Resp: 23511
Ion Ratio Lower Upper
180 100
182 96.4 48.9 146.7
145 31.5 15.4 46.1

Manual Integrations
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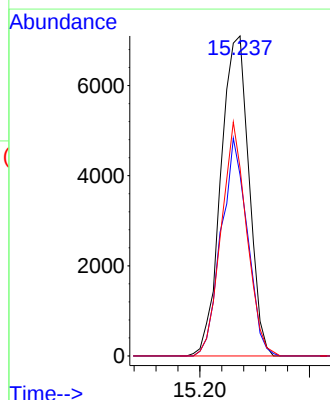
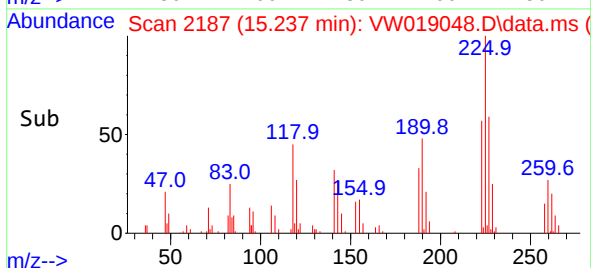
MMDadoda
5/21/2021 1:49:00 PM

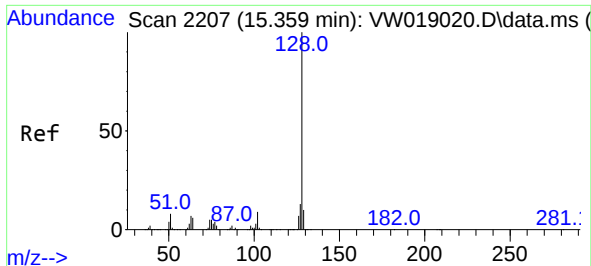


#94
Hexachlorobutadiene
Concen: 4.19 ug/l
RT: 15.237 min Scan# 2187
Delta R.T. 0.006 min
Lab File: VW019048.D
Acq: 20 May 2021 18:29



Tgt Ion:225 Resp: 12607
Ion Ratio Lower Upper
225 100
223 63.6 29.6 88.8
227 66.1 30.4 91.3





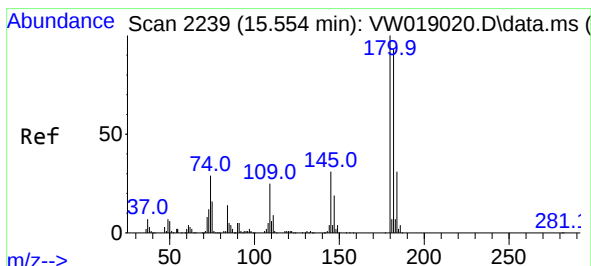
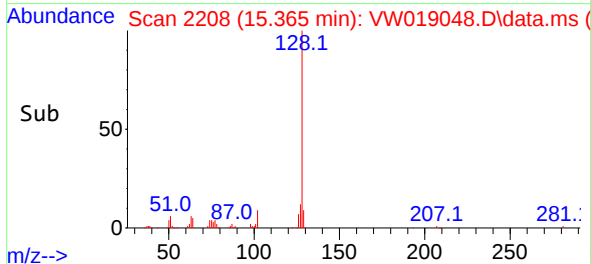
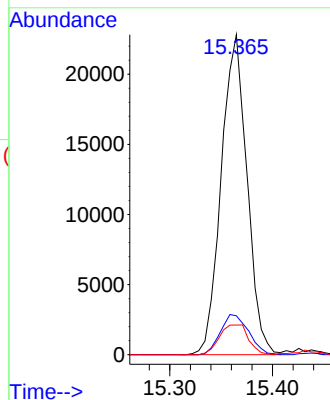
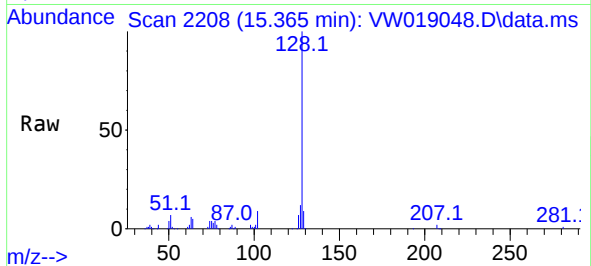
#95
Naphthalene
Concen: 4.19 ug/l
RT: 15.365 min Scan# 2208
Delta R.T. 0.006 min
Lab File: VW019048.D
Acq: 20 May 2021 18:29

Tgt Ion:	128	Resp:	39776
Ion Ratio	Lower	Upper	
128	100		
127	13.7	10.4	15.6
129	10.5	8.5	12.7

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

Manual Integrations
APPROVED

MMDadoda
5/21/2021 1:49:00 PM



#96
1,2,3-Trichlorobenzene
Concen: 4.64 ug/l
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW019048.D
Acq: 20 May 2021 18:29

Tgt Ion:	180	Resp:	20931
Ion Ratio	Lower	Upper	
180	100		
182	95.4	47.4	142.3
145	33.5	16.1	48.2

