

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101321\
 Data File : VY006383.D
 Acq On : 13 Oct 2021 13:22
 Operator : SY/MD
 Sample : M4068-01 2.5PPBLOD
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2021

Manual Integrations
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Quant Time: Oct 14 07:32:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 14 07:32:07 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	136381	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	208407	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	193437	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	98785	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	77662	53.205	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.400%	
35) Dibromofluoromethane	7.722	113	56400	50.654	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.300%	
50) Toluene-d8	10.185	98	232318	49.854	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.700%	
62) 4-Bromofluorobenzene	12.483	95	78716	49.725	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 99.440%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	3890	2.812	ug/l	94
3) Chloromethane	2.113	50	4667	2.896	ug/l	98
4) Vinyl Chloride	2.260	62	5190	2.906	ug/l	92
5) Bromomethane	2.662	94	4100	3.533	ug/l	94
6) Chloroethane	2.796	64	3123	2.972	ug/l	98
7) Trichlorofluoromethane	3.137	101	6648	2.826	ug/l	93
8) Diethyl Ether	3.540	74	2195	2.825	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.912	101	3398	2.706	ug/l	97
10) Methyl Iodide	4.095	142	3058	2.235	ug/l #	91
11) Tert butyl alcohol	4.954	59	2325	18.209	ug/l #	88
12) 1,1-Dichloroethene	3.881	96	3407	2.667	ug/l	86
13) Acrolein	3.735	56	913	11.229	ug/l	99
14) Allyl chloride	4.491	41	6159	2.507	ug/l	95
15) Acrylonitrile	5.180	53	5458	13.357	ug/l	96
16) Acetone	3.954	43	5241	12.855	ug/l	91
17) Carbon Disulfide	4.204	76	11521	2.697	ug/l	98
18) Methyl Acetate	4.485	43	4151	3.020	ug/l	97
19) Methyl tert-butyl Ether	5.235	73	9609	2.576	ug/l	92
20) Methylene Chloride	4.723	84	5420	3.416	ug/l	86
21) trans-1,2-Dichloroethene	5.229	96	3763	2.657	ug/l	85
22) Diisopropyl ether	6.131	45	11963	2.462	ug/l	93
23) Vinyl Acetate	6.070	43	33240	11.411	ug/l	96
24) 1,1-Dichloroethane	6.033	63	7243	2.776	ug/l	98
25) 2-Butanone	6.990	43	6942	12.224	ug/l	95
26) 2,2-Dichloropropane	6.984	77	6322	2.650	ug/l	99
27) cis-1,2-Dichloroethene	6.997	96	4102	2.586	ug/l	93
28) Bromochloromethane	7.338	49	3156	2.905	ug/l #	98
29) Tetrahydrofuran	7.356	42	4115	11.472	ug/l #	87
30) Chloroform	7.515	83	7435	2.857	ug/l	84
31) Cyclohexane	7.795	56	9213	3.331	ug/l #	68
32) 1,1,1-Trichloroethane	7.704	97	6791	2.826	ug/l	98
36) 1,1-Dichloropropene	7.923	75	5605	2.703	ug/l	95
37) Ethyl Acetate	7.088	43	3066	2.538	ug/l	96
38) Carbon Tetrachloride	7.911	117	6131	2.800	ug/l #	84
39) Methylcyclohexane	9.185	83	7083	2.719	ug/l	92
40) Benzene	8.167	78	15621	2.655	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	1846m	2.356	ug/l	
42) 1,2-Dichloroethane	8.240	62	5601	2.955	ug/l	100
43) Isopropyl Acetate	8.277	43	6032	2.604	ug/l	95
44) Trichloroethene	8.947	130	4344	2.859	ug/l	95
45) 1,2-Dichloropropane	9.222	63	3946	2.725	ug/l	96
46) Dibromomethane	9.307	93	2083	2.701	ug/l	94
47) Bromodichloromethane	9.496	83	5153	2.595	ug/l #	89
48) Methyl methacrylate	9.295	41	2739	2.464	ug/l	97
49) 1,4-Dioxane	9.289	88	577	57.348	ug/l #	81
51) 4-Methyl-2-Pentanone	10.075	43	14570	12.112	ug/l	97
52) Toluene	10.246	92	9702	2.659	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	5818	2.687	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	6127	2.574	ug/l	93
55) 1,1,2-Trichloroethane	10.648	97	2849	2.626	ug/l	96
56) Ethyl methacrylate	10.508	69	3835	2.325	ug/l	94
57) 1,3-Dichloropropane	10.795	76	4957	2.525	ug/l	93
58) 2-Chloroethyl Vinyl ether	9.789	63	11083	13.715	ug/l	96
59) 2-Hexanone	10.831	43	10203	11.908	ug/l	97
60) Dibromochloromethane	10.990	129	3418	2.593	ug/l	90
61) 1,2-Dibromoethane	11.093	107	2633	2.563	ug/l	92
64) Tetrachloroethene	10.721	164	4890	3.139	ug/l	95
65) Chlorobenzene	11.514	112	10291	2.685	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	3922	2.777	ug/l	97
67) Ethyl Benzene	11.593	91	18528	2.565	ug/l	96
68) m/p-Xylenes	11.703	106	13874	5.061	ug/l	96
69) o-Xylene	12.032	106	6694	2.585	ug/l	93
70) Styrene	12.044	104	10854	2.468	ug/l	97
71) Bromoform	12.209	173	2387	2.718	ug/l #	92
73) Isopropylbenzene	12.331	105	17691	2.500	ug/l	99
74) N-amyl acetate	12.142	43	4822	2.196	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	3002	2.349	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	2391m	2.490	ug/l	
77) Bromobenzene	12.605	156	4449	2.682	ug/l	94
78) n-propylbenzene	12.672	91	22634	2.599	ug/l	99
79) 2-Chlorotoluene	12.758	91	12648	2.624	ug/l	98
80) 1,3,5-Trimethylbenzene	12.813	105	14762	2.495	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.380	75	1199m	2.454	ug/l	
82) 4-Chlorotoluene	12.855	91	13026	2.613	ug/l	100
83) tert-Butylbenzene	13.075	119	12430	2.457	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	14903	2.551	ug/l	99
85) sec-Butylbenzene	13.251	105	19517	2.553	ug/l	98
86) p-Isopropyltoluene	13.367	119	16419	2.545	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	9153	2.785	ug/l	98
88) 1,4-Dichlorobenzene	13.447	146	9082	2.802	ug/l	88
89) n-Butylbenzene	13.697	91	15385	2.510	ug/l	98
90) Hexachloroethane	13.959	117	3309	2.825	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	7962	2.770	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	659	2.707	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	5387	2.836	ug/l	98
94) Hexachlorobutadiene	15.117	225	3503	2.827	ug/l	95
95) Naphthalene	15.233	128	10075	2.670	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	5057	3.004	ug/l	97

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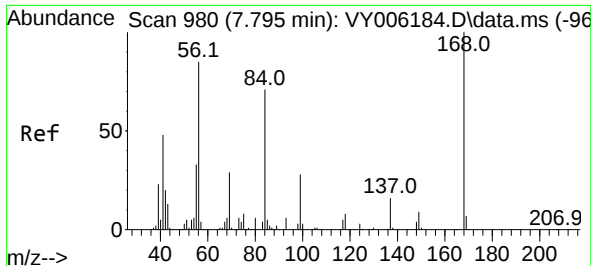
Quant Time: Oct 14 07:32:20 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
Quant Title : SW846 8260
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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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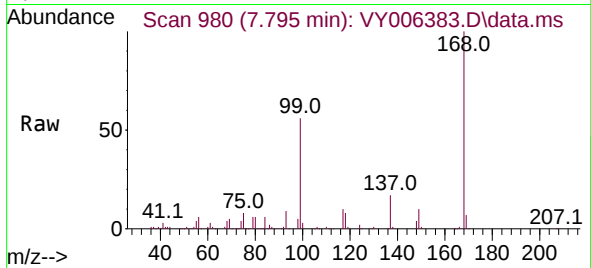
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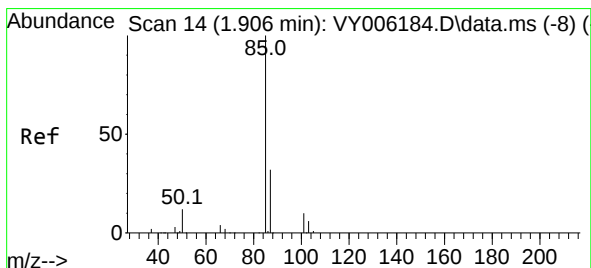
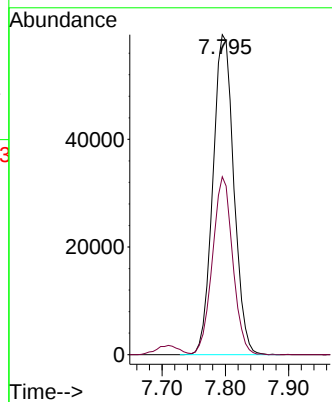
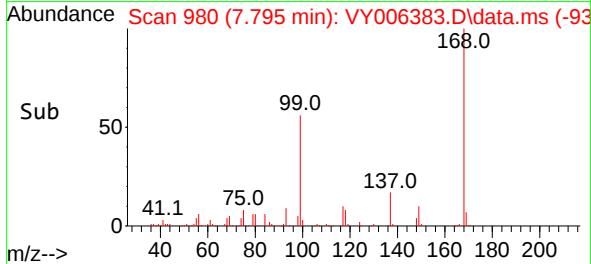
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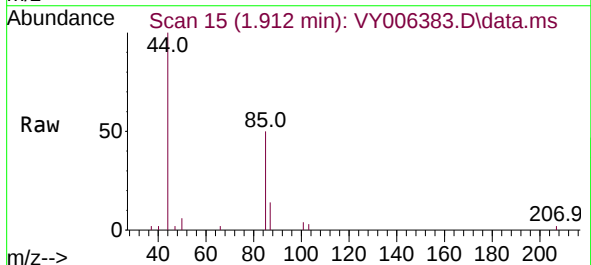
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
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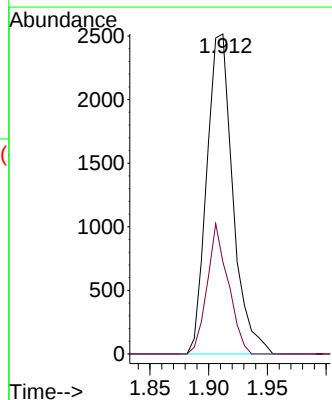
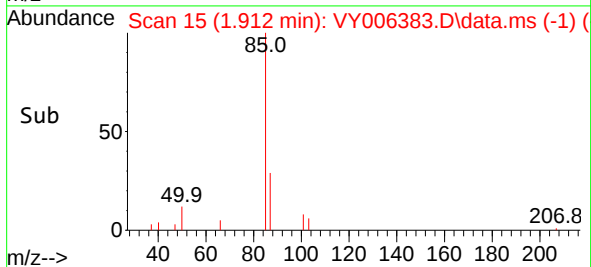
Tgt Ion: 168 Resp: 136381
Ion Ratio Lower Upper
168 100
99 55.6 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 2.812 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY006383.D
Acq: 13 Oct 2021 13:22



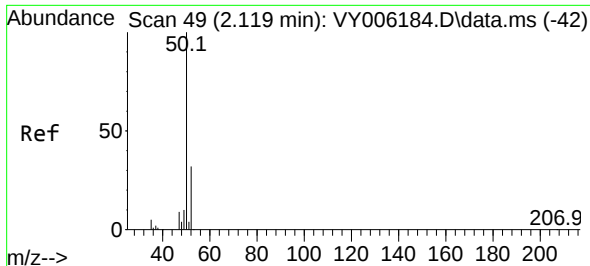
Tgt Ion: 85 Resp: 3890
Ion Ratio Lower Upper
85 100
87 28.7 16.1 48.2



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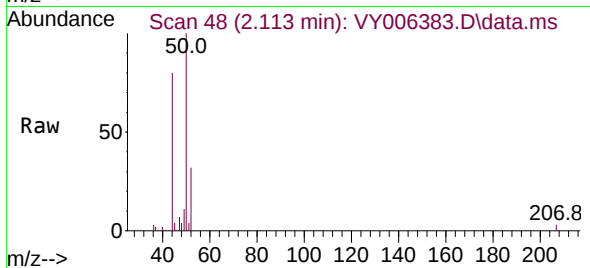
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#3
Chloromethane
Concen: 2.896 ug/l
RT: 2.113 min Scan# 48
Delta R.T. -0.006 min
Lab File: VY006383.D
Acq: 13 Oct 2021 13:22

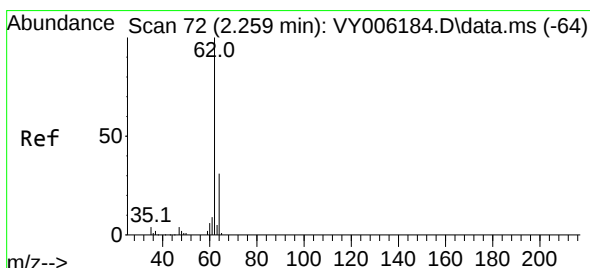
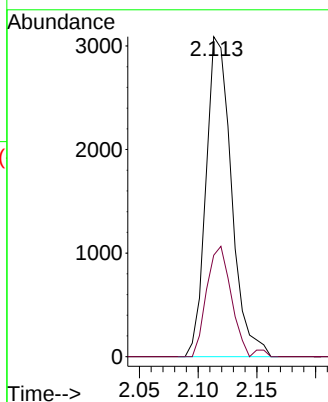
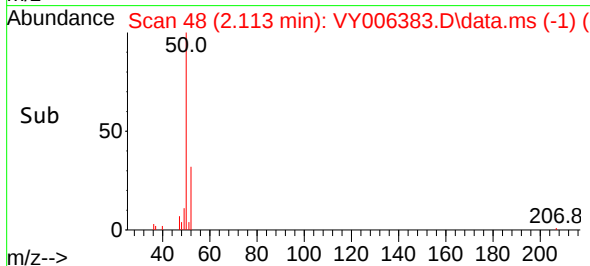
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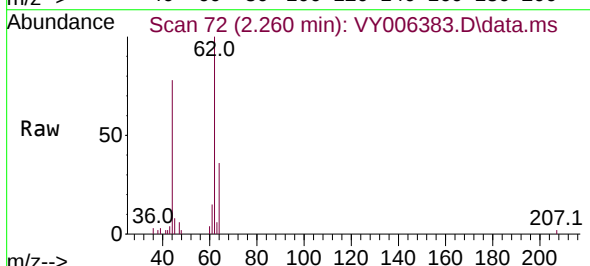
Tgt Ion: 50 Resp: 4667
Ion Ratio Lower Upper
50 100
52 31.7 24.6 37.0

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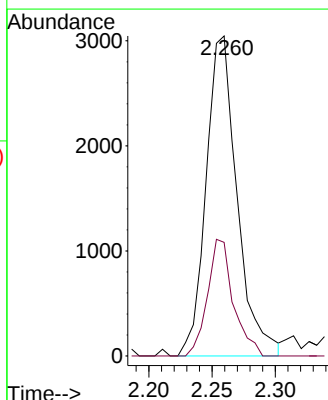
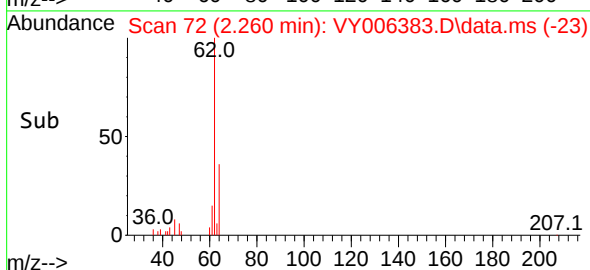
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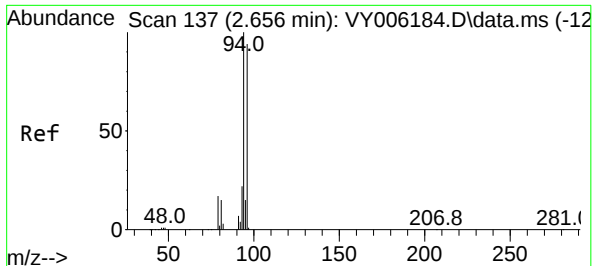


#4
Vinyl Chloride
Concen: 2.906 ug/l
RT: 2.260 min Scan# 72
Delta R.T. 0.001 min
Lab File: VY006383.D
Acq: 13 Oct 2021 13:22



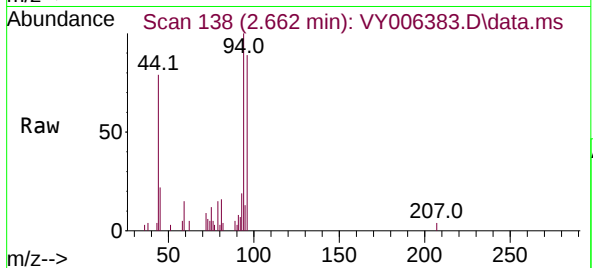
Tgt Ion: 62 Resp: 5190
Ion Ratio Lower Upper
62 100
64 35.5 25.0 37.6





#5
Bromomethane
Concen: 3.533 ug/l
RT: 2.662 min Scan# 138
Delta R.T. 0.006 min
Lab File: VY006383.D
Acq: 13 Oct 2021 13:22

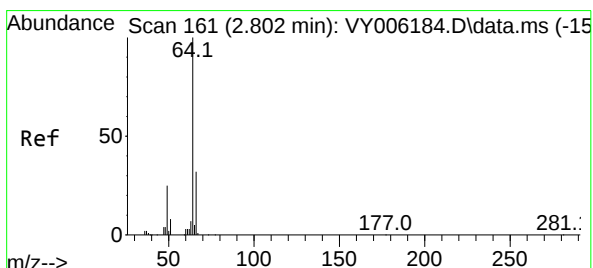
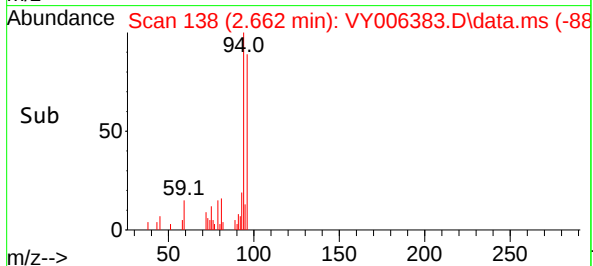
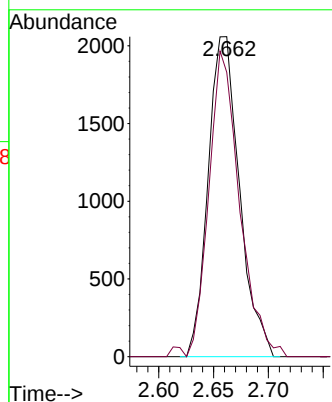
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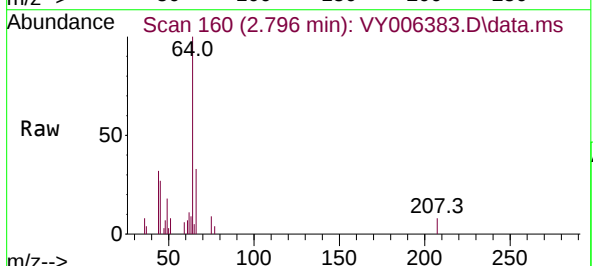
Tgt Ion: 94 Resp: 4100
Ion Ratio Lower Upper
94 100
96 86.0 73.5 110.3

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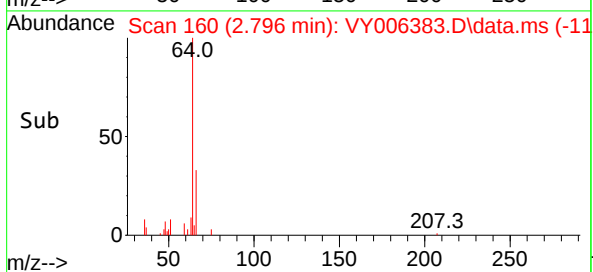
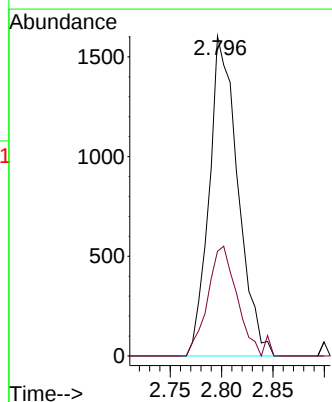
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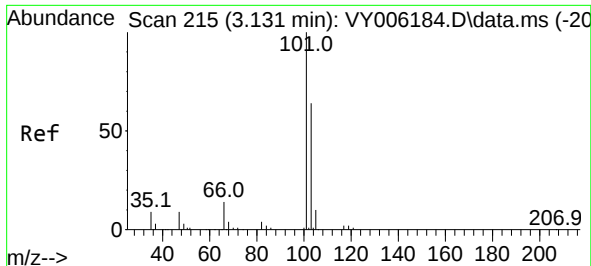


#6
Chloroethane
Concen: 2.972 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.006 min
Lab File: VY006383.D
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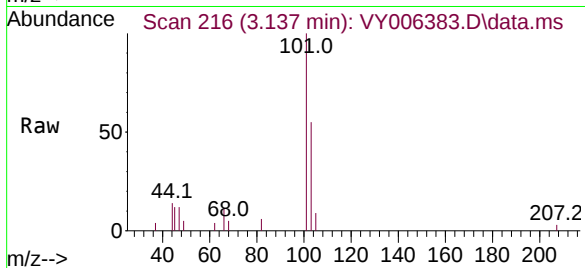
Tgt Ion: 64 Resp: 3123
Ion Ratio Lower Upper
64 100
66 32.7 25.4 38.0





#7
Trichlorofluoromethane
Concen: 2.826 ug/l
RT: 3.137 min Scan# 216
Delta R.T. 0.006 min
Lab File: VY006383.D
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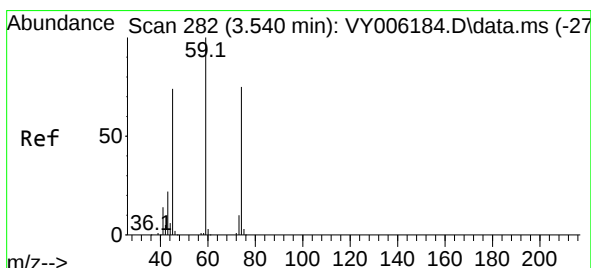
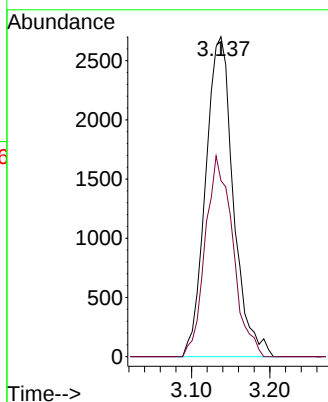
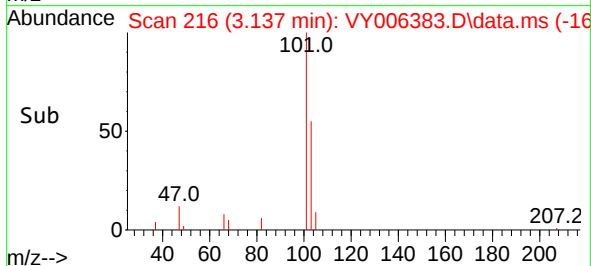
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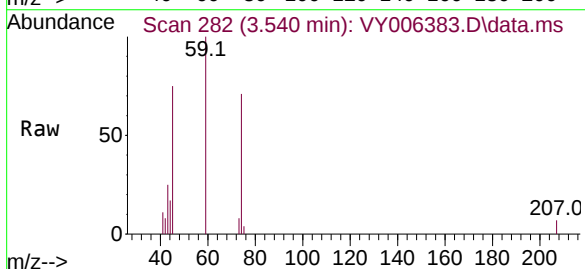
Tgt Ion:101 Resp: 6648
Ion Ratio Lower Upper
101 100
103 55.1 48.0 72.0

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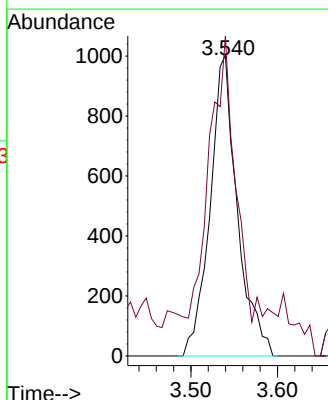
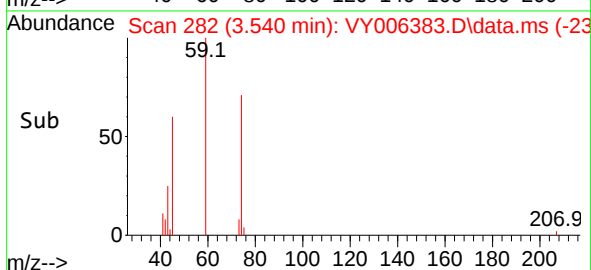
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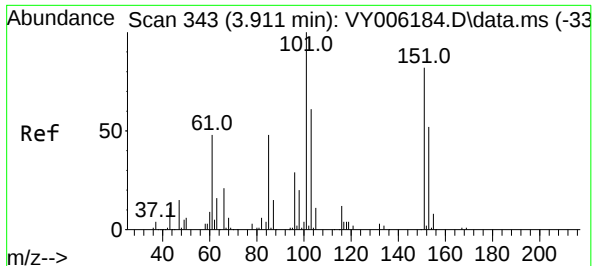


#8
Diethyl Ether
Concen: 2.825 ug/l
RT: 3.540 min Scan# 282
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 2195
Ion Ratio Lower Upper
74 100
45 88.2 55.1 165.5





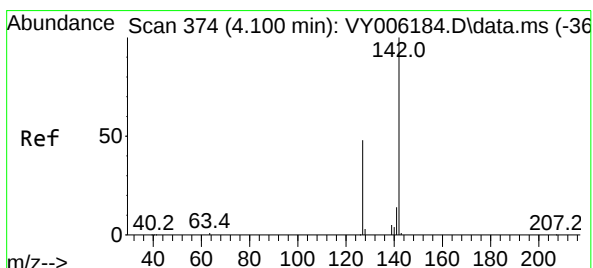
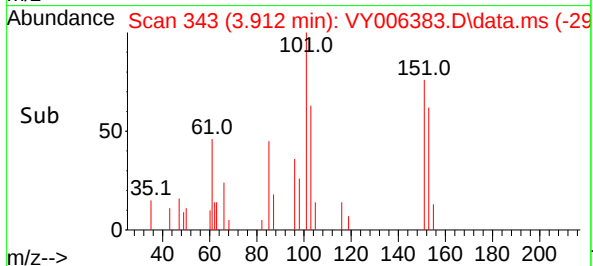
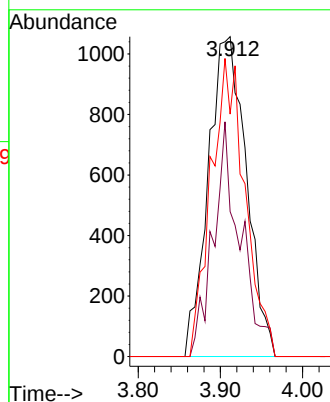
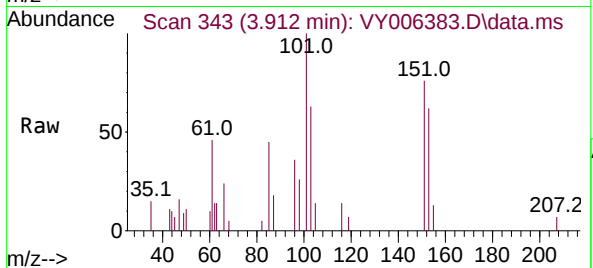
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.706 ug/l
RT: 3.912 min Scan# 343
Delta R.T. 0.001 min
Lab File: VY006383.D
Acq: 13 Oct 2021 13:22

Tgt Ion:	101	Resp:	3398
Ion	Ratio	Lower	Upper
101	100		
85	52.3	40.6	60.8
151	83.5	64.9	97.3

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

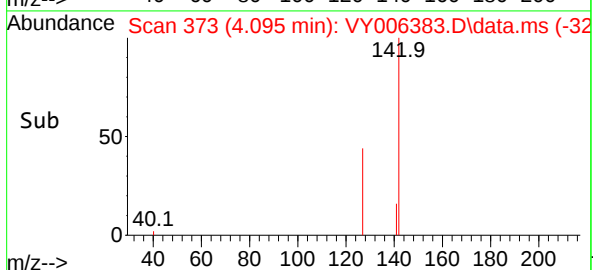
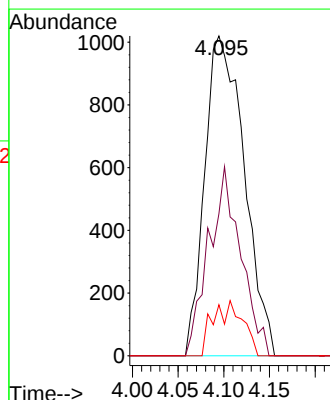
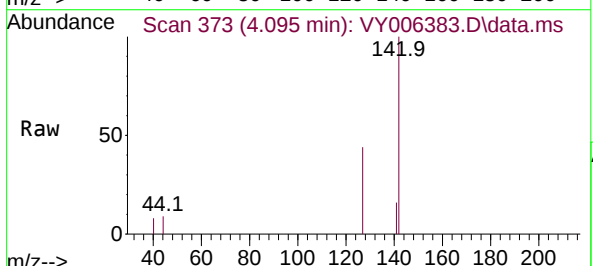
Manual Integrations
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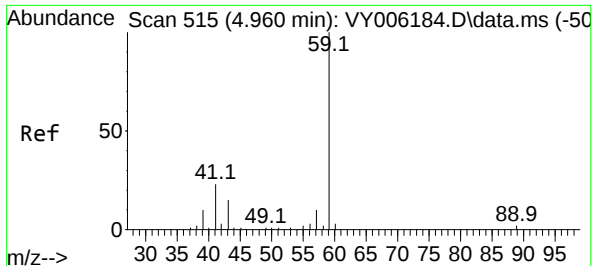
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#10
Methyl Iodide
Concen: 2.235 ug/l
RT: 4.095 min Scan# 373
Delta R.T. -0.005 min
Lab File: VY006383.D
Acq: 13 Oct 2021 13:22

Tgt Ion:	142	Resp:	3058
Ion	Ratio	Lower	Upper
142	100		
127	47.9	41.5	62.3
141	6.0	11.9	17.9

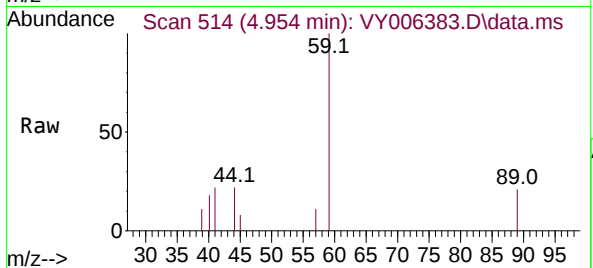




#11

Tert butyl alcohol
Concen: 18.209 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY006383.D
Acq: 13 Oct 2021 13:22

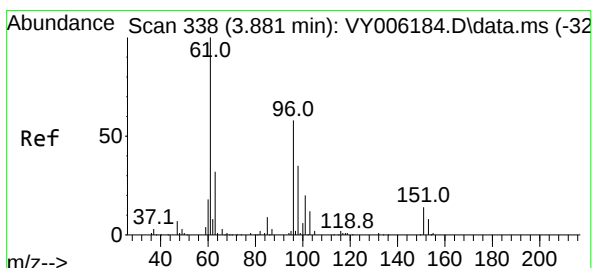
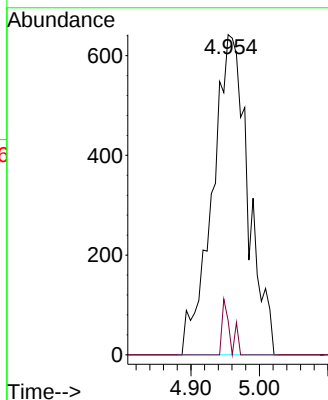
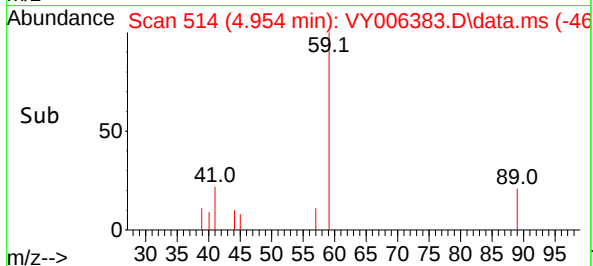
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



Tgt Ion: 59 Resp: 2325
Ion Ratio Lower Upper
59 100
57 3.9 6.4 9.6#

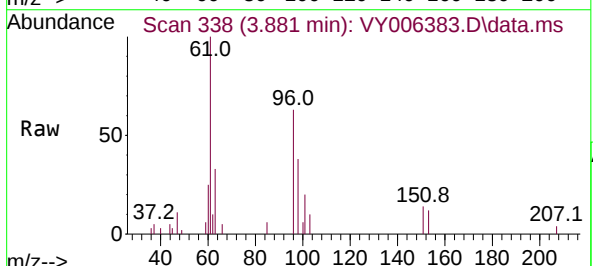
Manual Integrations
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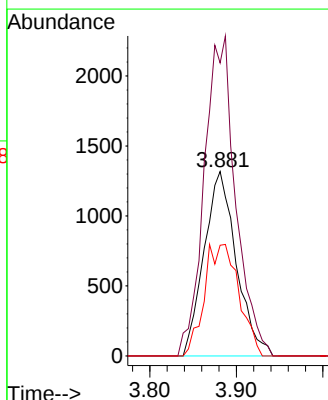
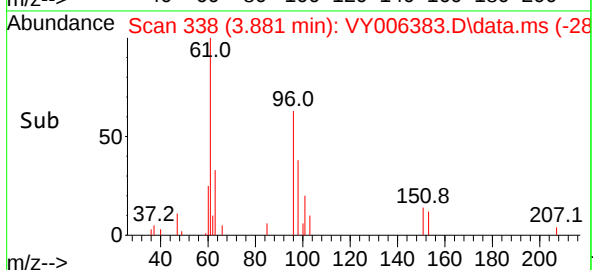


#12

1,1-Dichloroethene
Concen: 2.667 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.000 min
Lab File: VY006383.D
Acq: 13 Oct 2021 13:22



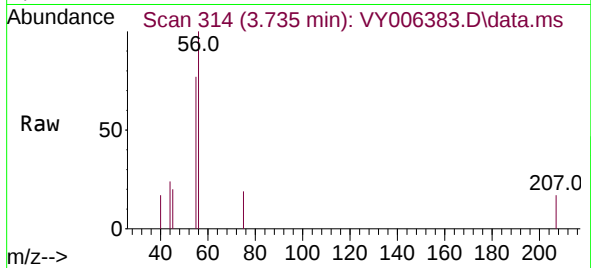
Tgt Ion: 96 Resp: 3407
Ion Ratio Lower Upper
96 100
61 158.8 145.8 218.6
98 60.0 52.5 78.7





#13
Acrolein
Concen: 11.229 ug/l
RT: 3.735 min Scan# 314
Delta R.T. -0.000 min
Lab File: VY006383.D
Acq: 13 Oct 2021 13:22

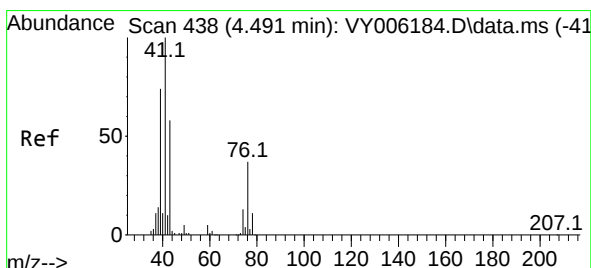
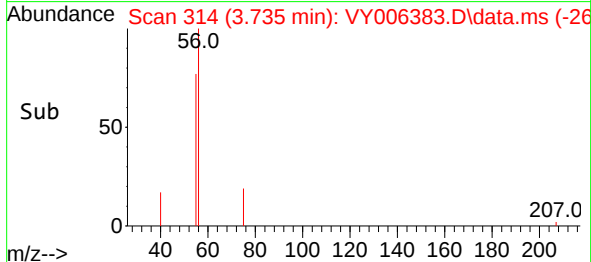
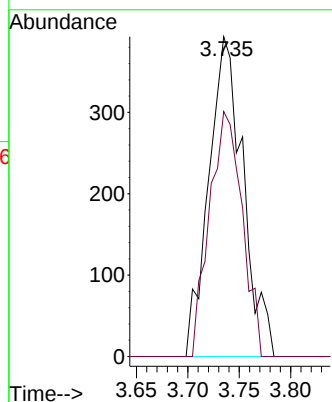
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



Tgt Ion: 56 Resp: 913
Ion Ratio Lower Upper
56 100
55 72.8 57.6 86.4

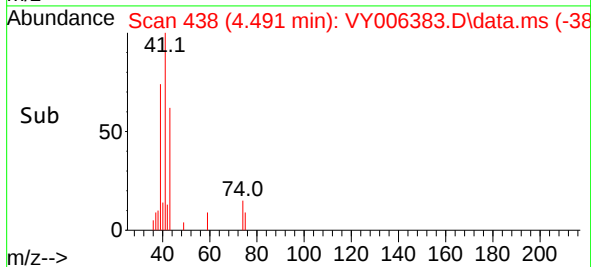
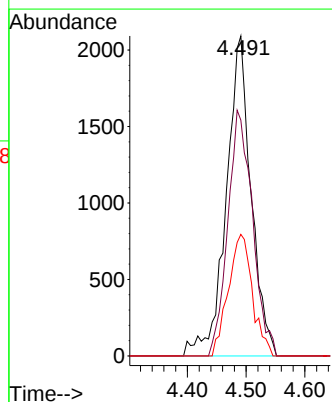
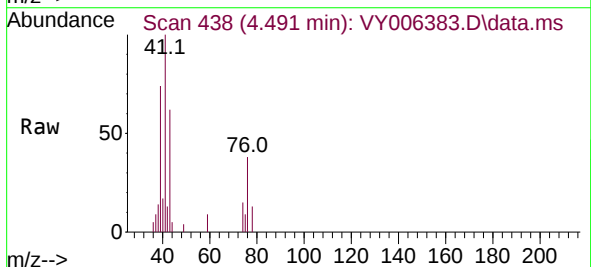
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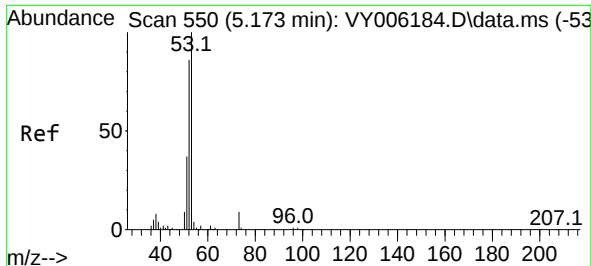
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#14
Allyl chloride
Concen: 2.507 ug/l
RT: 4.491 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY006383.D
Acq: 13 Oct 2021 13:22

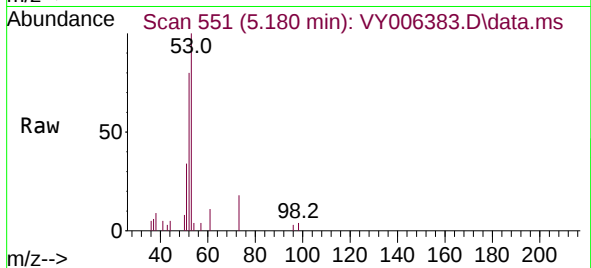
Tgt Ion: 41 Resp: 6159
Ion Ratio Lower Upper
41 100
39 76.1 58.8 88.2
76 36.7 25.1 37.7





#15
Acrylonitrile
Concen: 13.357 ug/l
RT: 5.180 min Scan# 551
Delta R.T. 0.007 min
Lab File: VY006383.D
Acq: 13 Oct 2021 13:22

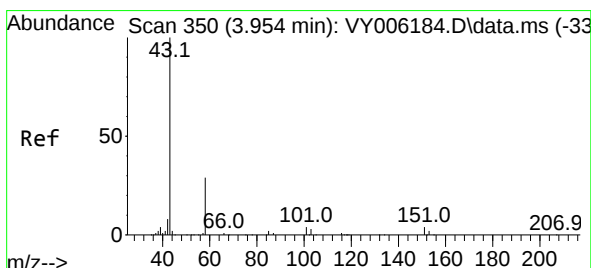
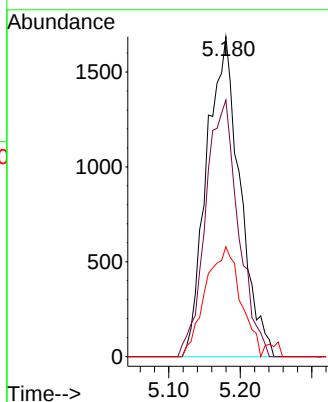
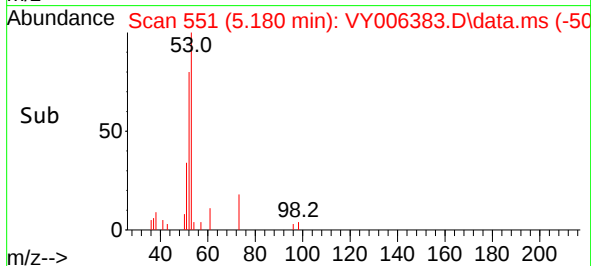
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



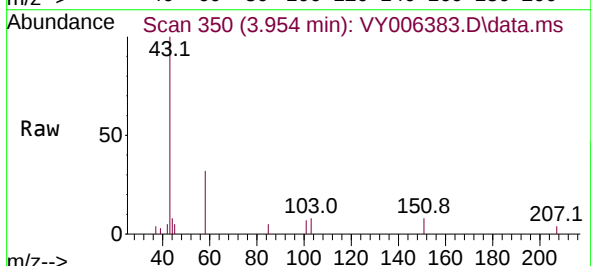
Tgt Ion: 53 Resp: 5458
Ion Ratio Lower Upper
53 100
52 79.0 67.0 100.4
51 36.0 29.8 44.6

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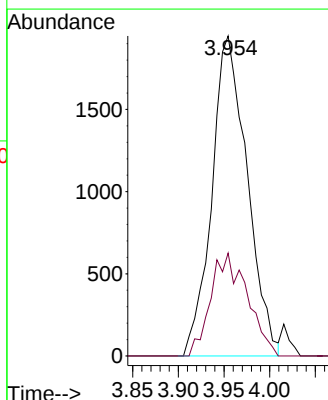
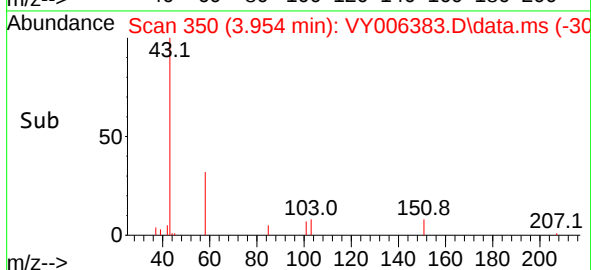
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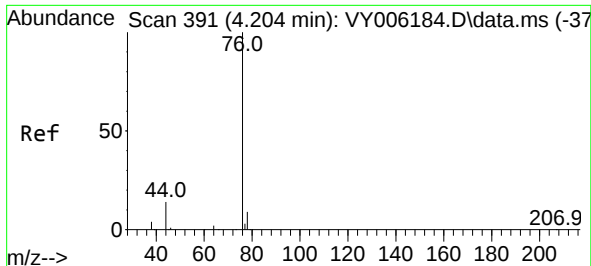


#16
Acetone
Concen: 12.855 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY006383.D
Acq: 13 Oct 2021 13:22



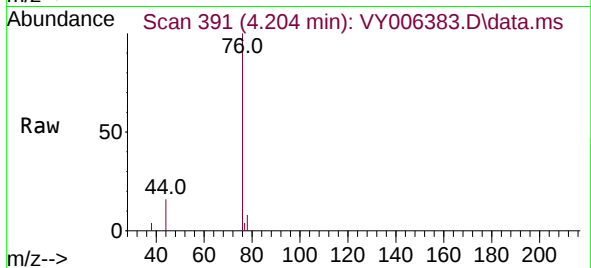
Tgt Ion: 43 Resp: 5241
Ion Ratio Lower Upper
43 100
58 32.2 22.0 33.0





#17
Carbon Disulfide
Concen: 2.697 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY006383.D
Acq: 13 Oct 2021 13:22

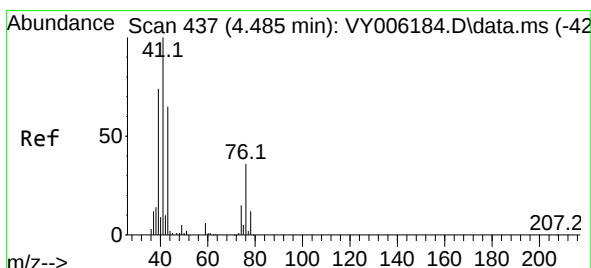
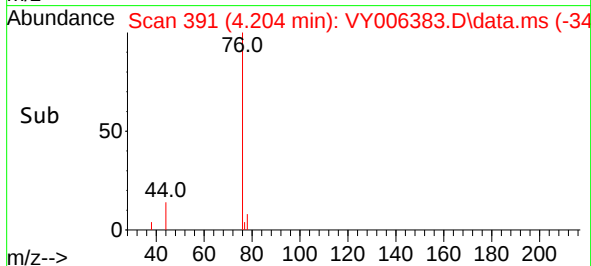
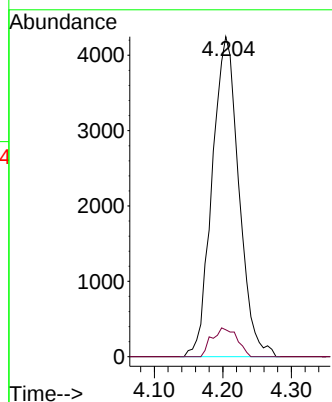
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



Tgt Ion: 76 Resp: 11521
Ion Ratio Lower Upper
76 100
78 8.4 7.4 11.0

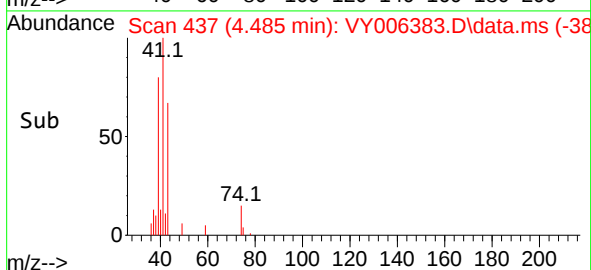
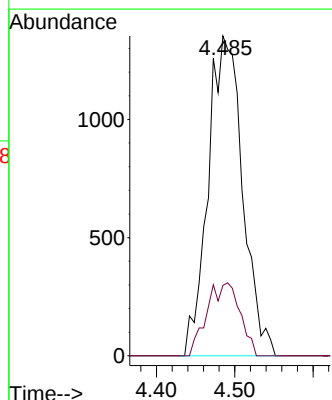
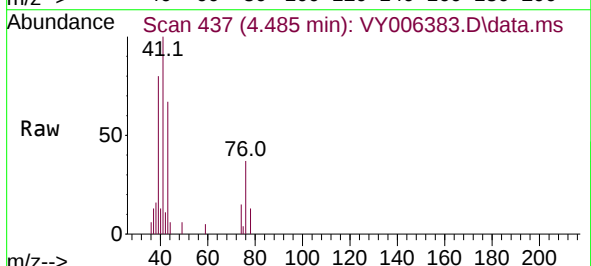
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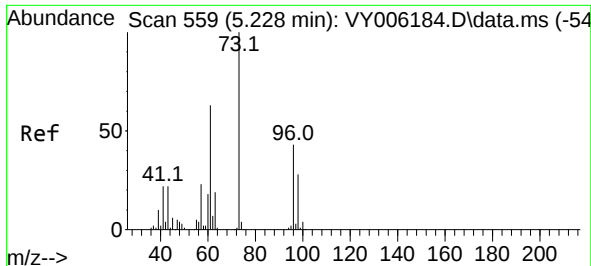
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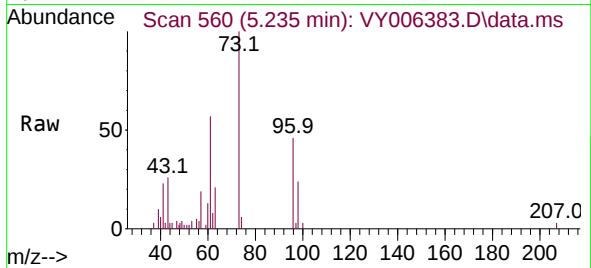
#18
Methyl Acetate
Concen: 3.020 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY006383.D
Acq: 13 Oct 2021 13:22

Tgt Ion: 43 Resp: 4151
Ion Ratio Lower Upper
43 100
74 21.9 16.6 24.8

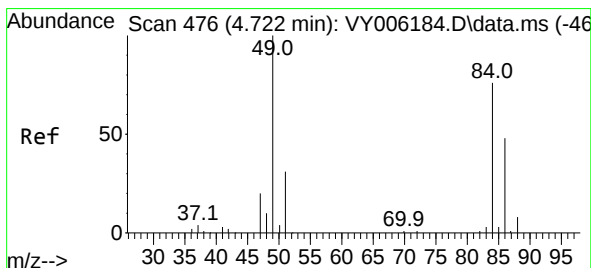
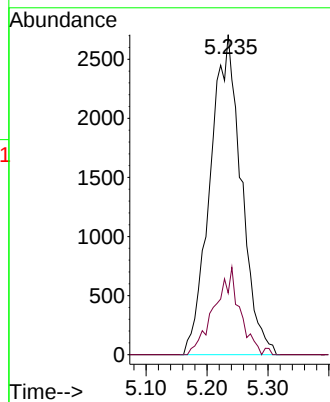
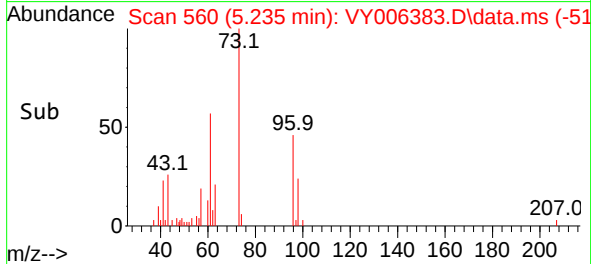




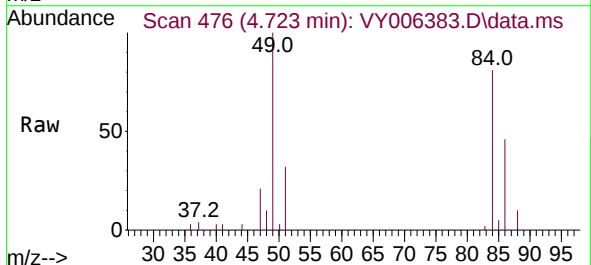
#19
Methyl tert-butyl Ether
Concen: 2.576 ug/l
RT: 5.235 min Scan# 560
Delta R.T. 0.007 min
Lab File: VY006383.D
Acq: 13 Oct 2021 13:22



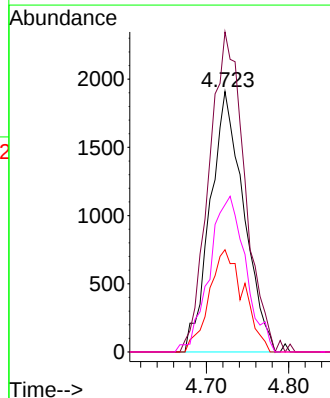
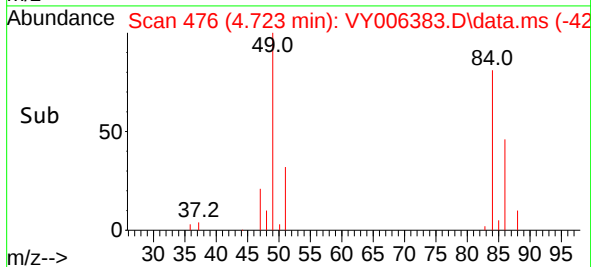
Tgt Ion: 73 Resp: 9609
Ion Ratio Lower Upper
73 100
57 19.3 18.6 27.8



#20
Methylene Chloride
Concen: 3.416 ug/l
RT: 4.723 min Scan# 476
Delta R.T. 0.001 min
Lab File: VY006383.D
Acq: 13 Oct 2021 13:22



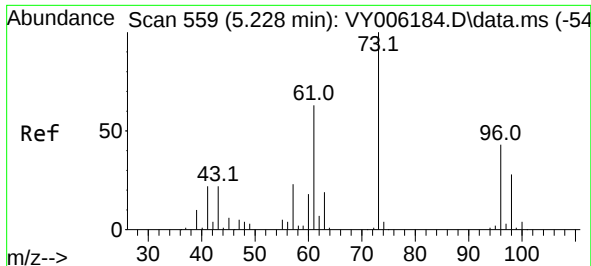
Tgt Ion: 84 Resp: 5420
Ion Ratio Lower Upper
84 100
49 122.8 114.4 171.6
51 39.3 35.3 52.9
86 56.5 53.7 80.5



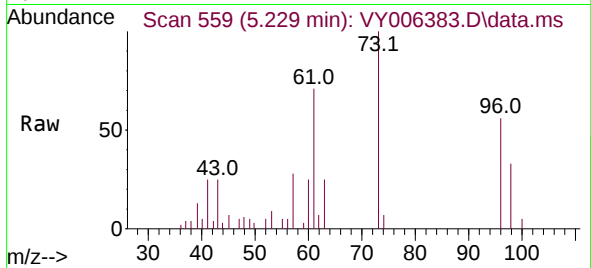
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

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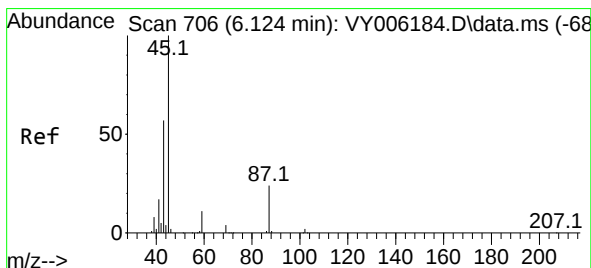
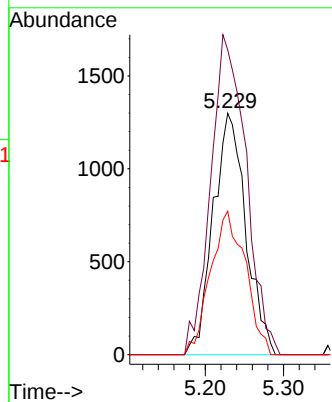
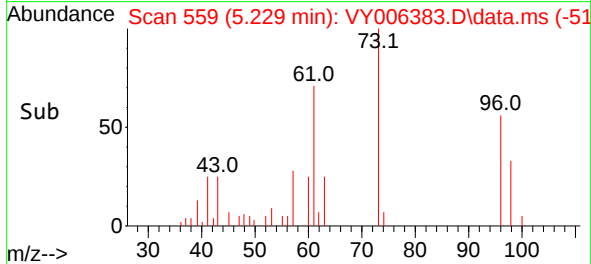
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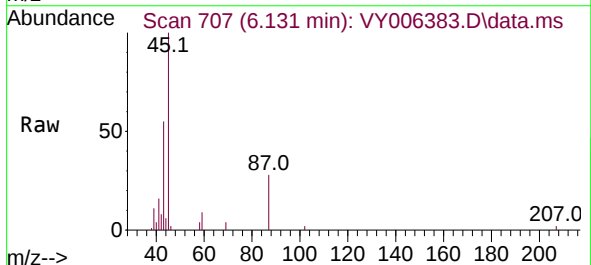
#21
trans-1,2-Dichloroethene
Concen: 2.657 ug/l
RT: 5.229 min Scan# 559
Delta R.T. 0.001 min
Lab File: VY006383.D
Acq: 13 Oct 2021 13:22



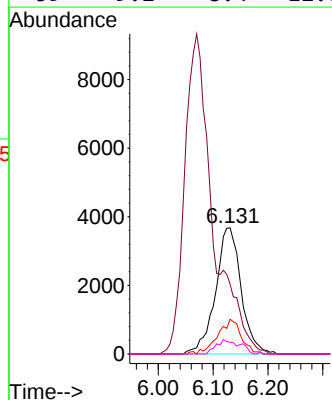
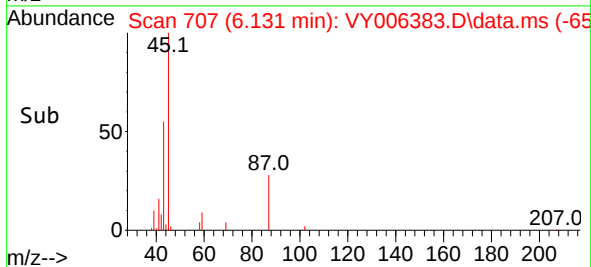
Tgt Ion: 96 Resp: 3763
Ion Ratio Lower Upper
96 100
61 126.3 120.5 180.7
98 59.4 49.8 74.8



#22
Diisopropyl ether
Concen: 2.462 ug/l
RT: 6.131 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY006383.D
Acq: 13 Oct 2021 13:22



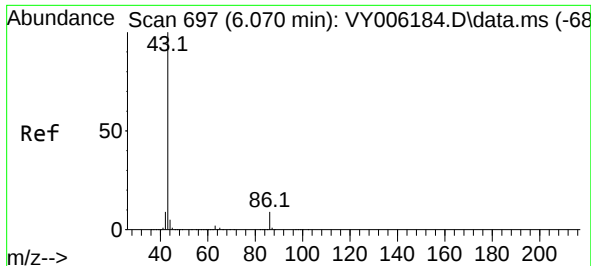
Tgt Ion: 45 Resp: 11963
Ion Ratio Lower Upper
45 100
43 55.4 49.3 73.9
87 27.5 19.2 28.8
59 9.2 8.4 12.6



Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

Manual Integrations
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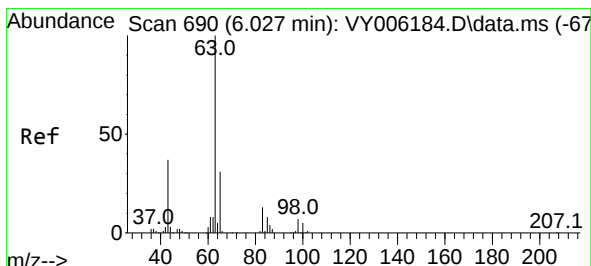
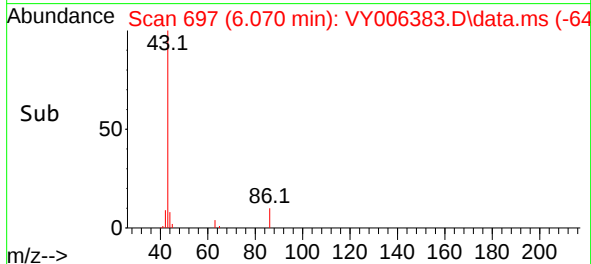
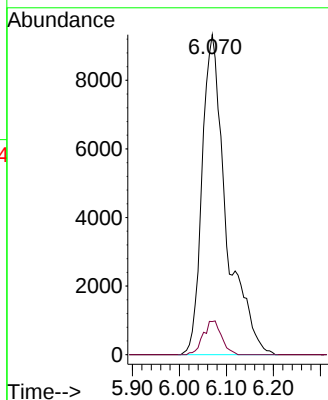
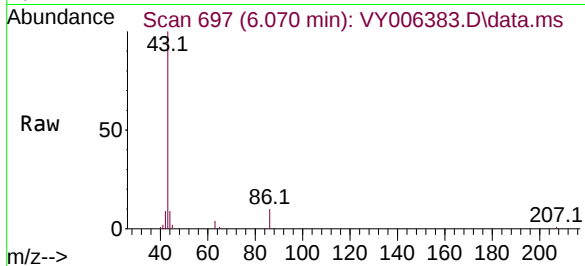
#23
 Vinyl Acetate
 Concen: 11.411 ug/l
 RT: 6.070 min Scan# 697
 Delta R.T. 0.000 min
 Lab File: VY006383.D
 Acq: 13 Oct 2021 13:22

Tgt Ion: 43 Resp: 33240
 Ion Ratio Lower Upper
 43 100
 86 10.4 7.1 10.7

Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2021

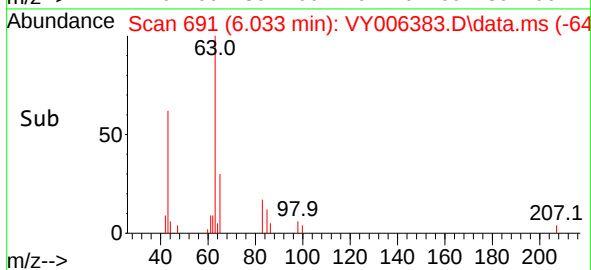
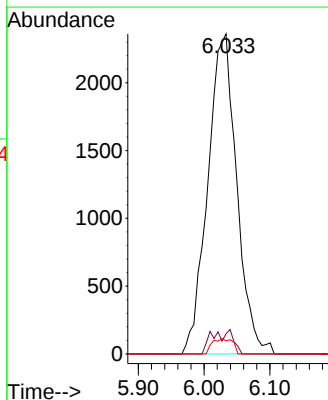
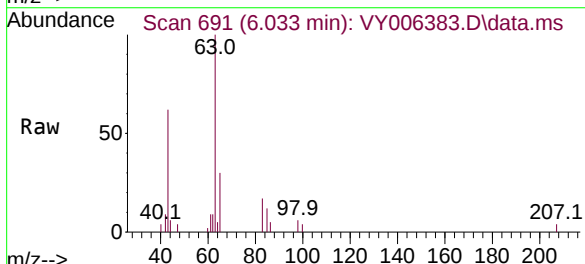
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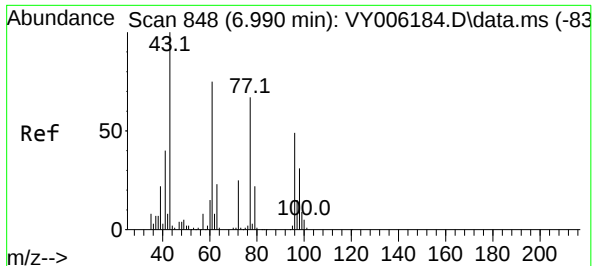
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#24
 1,1-Dichloroethane
 Concen: 2.776 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. 0.006 min
 Lab File: VY006383.D
 Acq: 13 Oct 2021 13:22

Tgt Ion: 63 Resp: 7243
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.6 10.8
 100 4.1 2.0 5.8





#25

2-Butanone

Concen: 12.224 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY006383.D

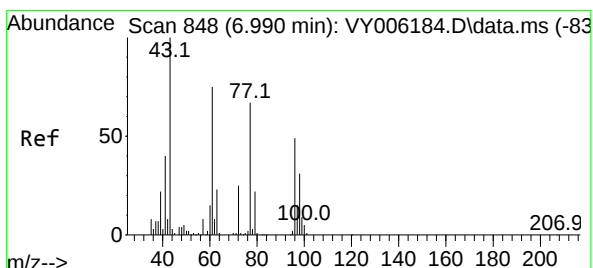
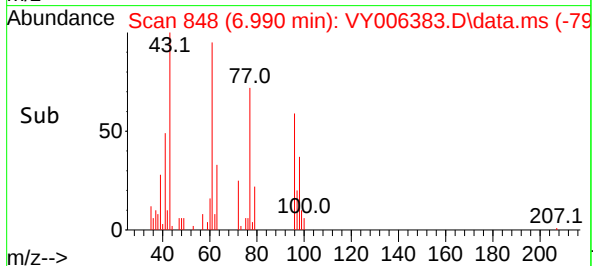
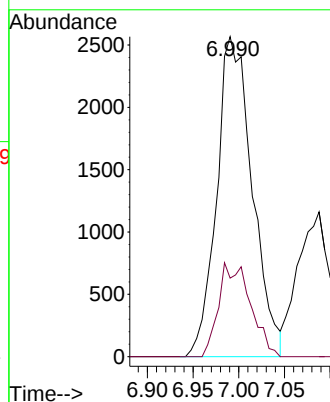
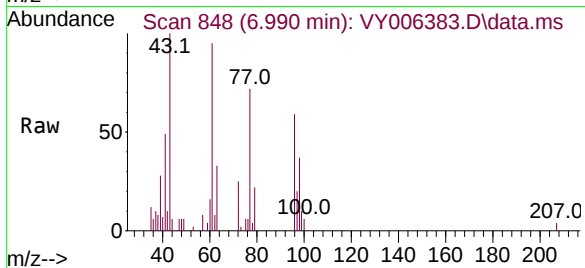
Acq: 13 Oct 2021 13:22

Tgt Ion: 43 Resp: 6942

Ion Ratio Lower Upper

43 100

72 24.5 17.7 26.5



#26

2,2-Dichloropropane

Concen: 2.650 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY006383.D

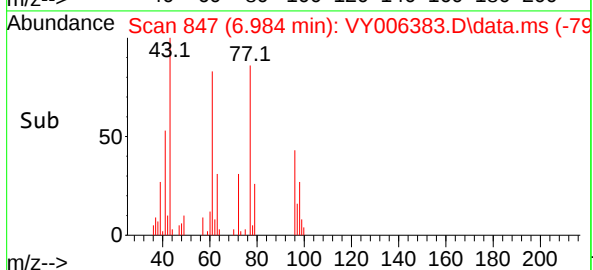
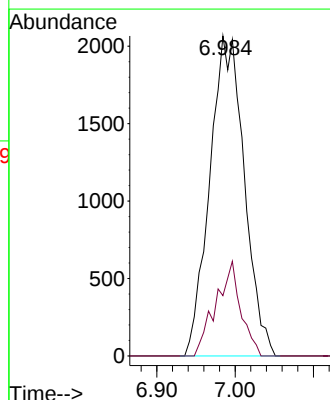
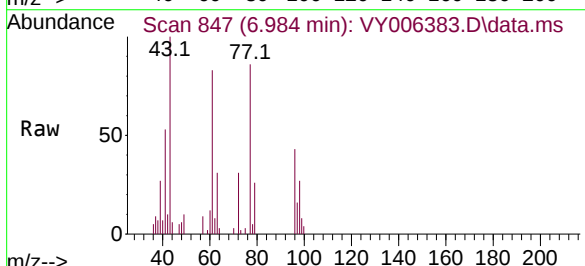
Acq: 13 Oct 2021 13:22

Tgt Ion: 77 Resp: 6322

Ion Ratio Lower Upper

77 100

97 21.4 10.4 31.4



Instrument :

MSVOA_Y

ClientSampleId :

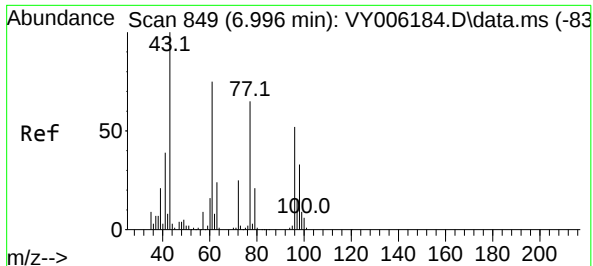
LOD-MDL-SOIL-01-QT4-2021

Manual Integrations

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#27

cis-1,2-Dichloroethene

Concen: 2.586 ug/l

RT: 6.997 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY006383.D

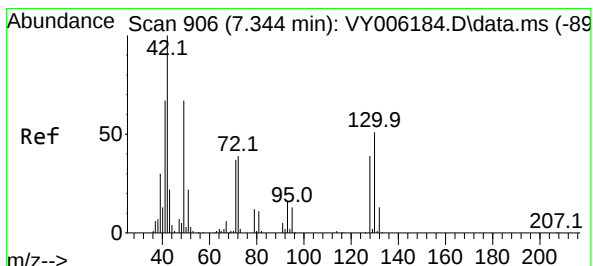
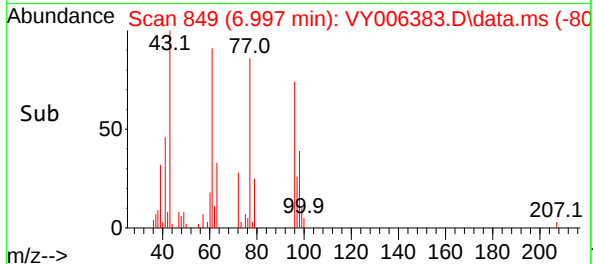
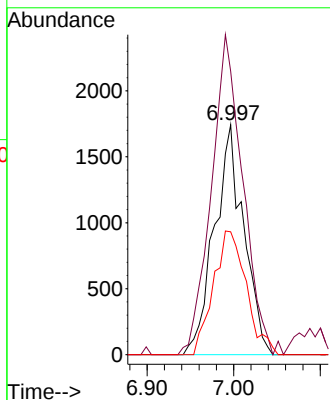
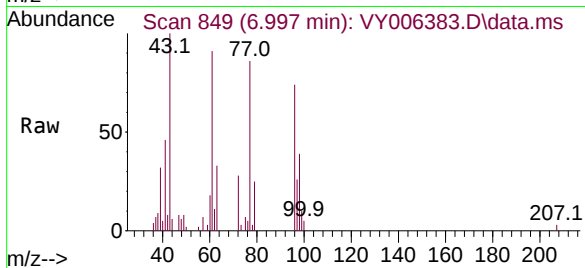
Acq: 13 Oct 2021 13:22

Tgt Ion:	96	Resp:	4102
Ion	Ratio	Lower	Upper
96	100		
61	149.9	0.0	319.8
98	60.2	0.0	127.0

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

Manual Integrations
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#28

Bromochloromethane

Concen: 2.905 ug/l

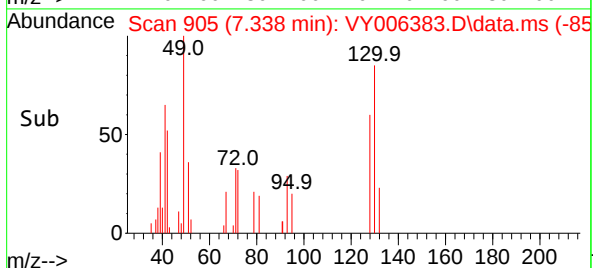
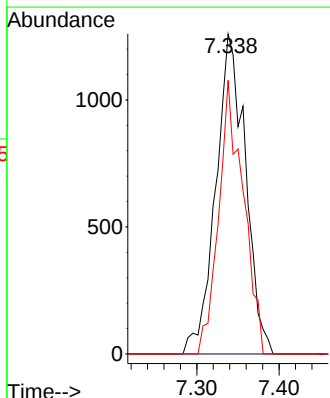
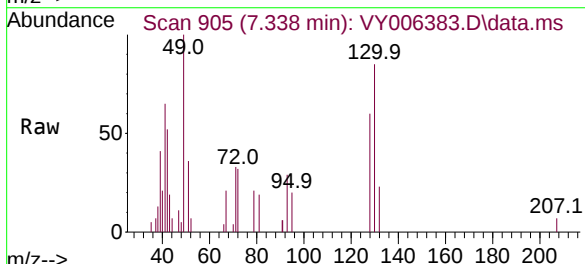
RT: 7.338 min Scan# 905

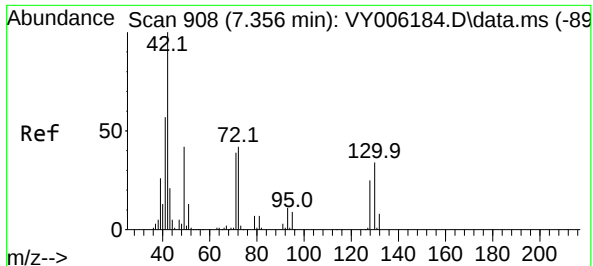
Delta R.T. -0.006 min

Lab File: VY006383.D

Acq: 13 Oct 2021 13:22

Tgt Ion:	49	Resp:	3156
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	2.2
130	70.8	55.4	83.0





#29

Tetrahydrofuran

Concen: 11.472 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.000 min

Lab File: VY006383.D

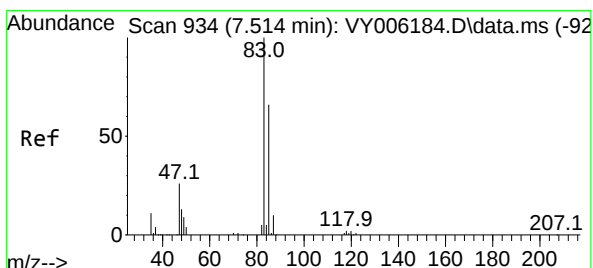
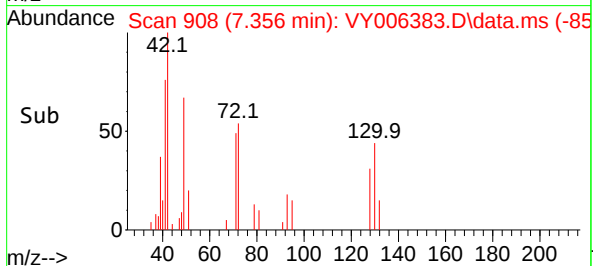
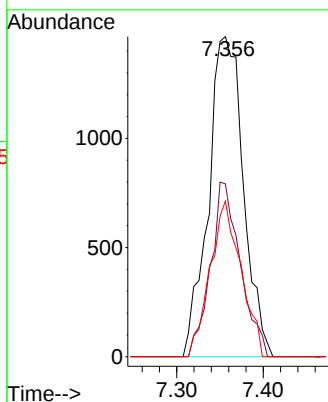
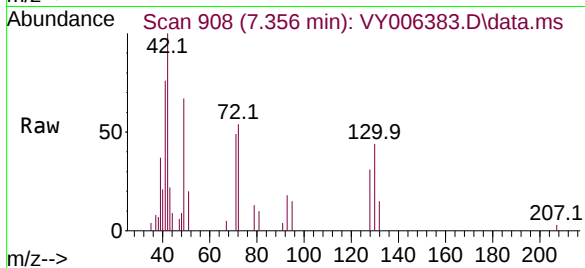
Acq: 13 Oct 2021 13:22

Tgt Ion:	42	Resp:	4115
Ion	Ratio	Lower	Upper
42	100		
72	46.4	30.3	45.5#
71	42.8	29.0	43.4

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

Manual Integrations
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#30

Chloroform

Concen: 2.857 ug/l

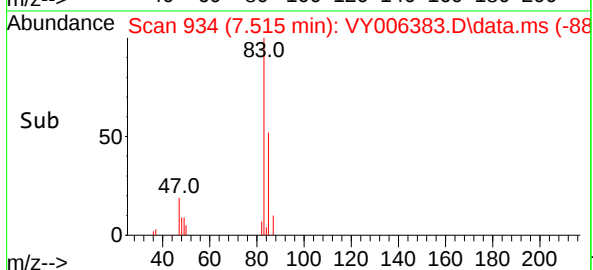
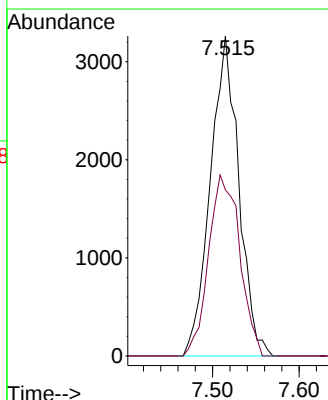
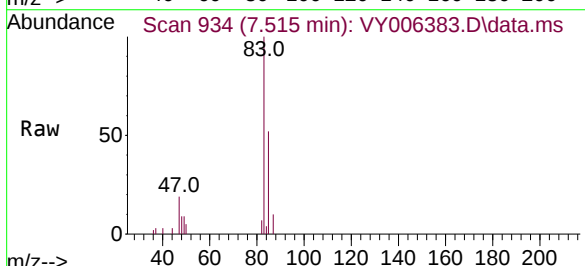
RT: 7.515 min Scan# 934

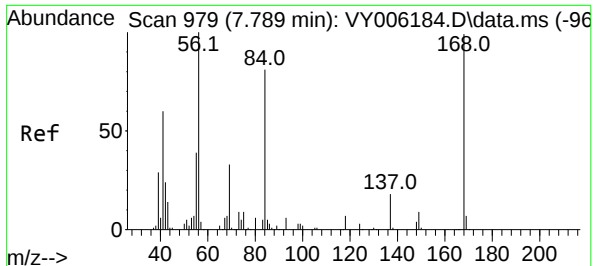
Delta R.T. 0.000 min

Lab File: VY006383.D

Acq: 13 Oct 2021 13:22

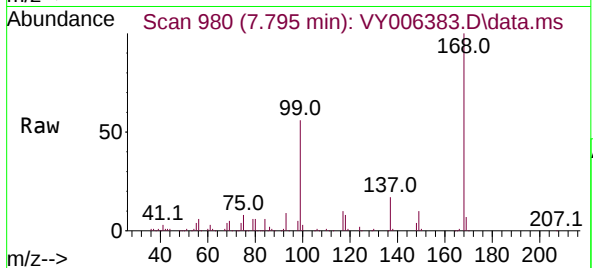
Tgt Ion:	83	Resp:	7435
Ion	Ratio	Lower	Upper
83	100		
85	51.9	51.8	77.6





#31
Cyclohexane
Concen: 3.331 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY006383.D
Acq: 13 Oct 2021 13:22

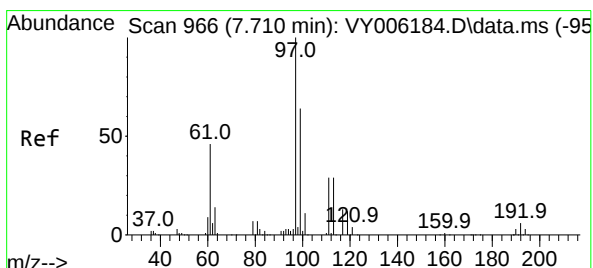
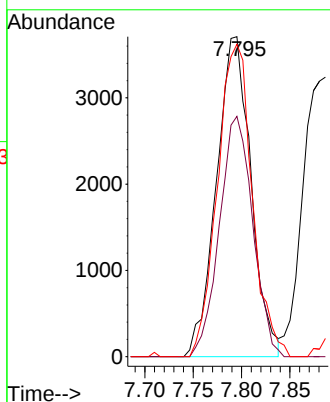
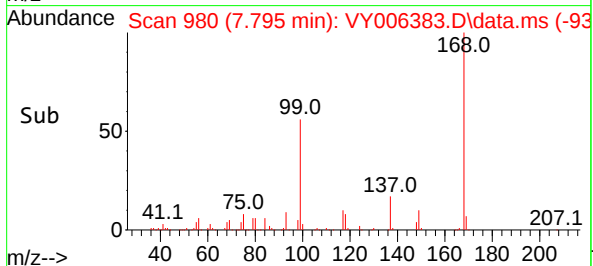
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



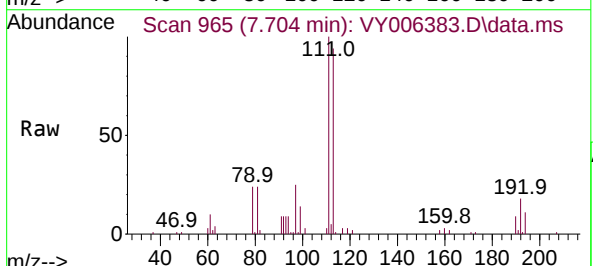
Tgt Ion: 56 Resp: 9213
Ion Ratio Lower Upper
56 100
69 75.1 26.7 40.1#
84 97.6 67.2 100.8

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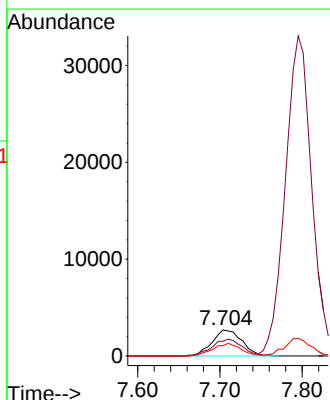
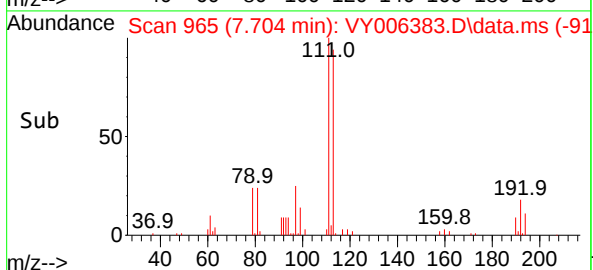
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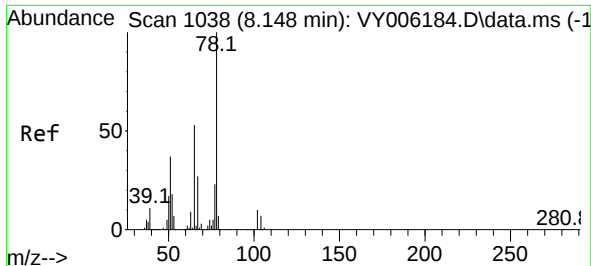


#32
1,1,1-Trichloroethane
Concen: 2.826 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.006 min
Lab File: VY006383.D
Acq: 13 Oct 2021 13:22



Tgt Ion: 97 Resp: 6791
Ion Ratio Lower Upper
97 100
99 64.4 50.7 76.1
61 44.9 37.6 56.4





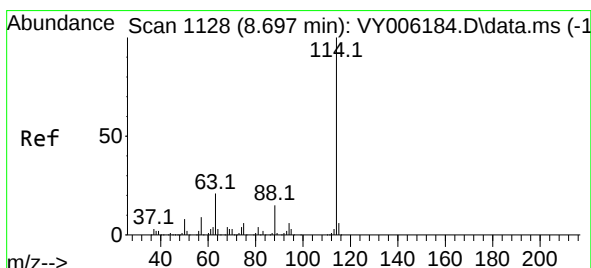
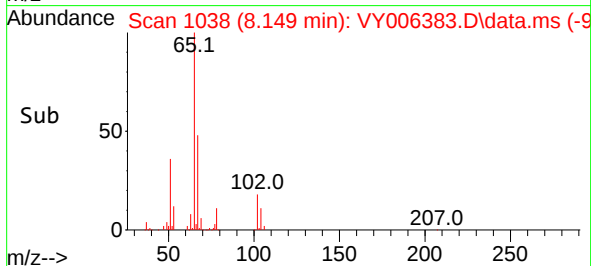
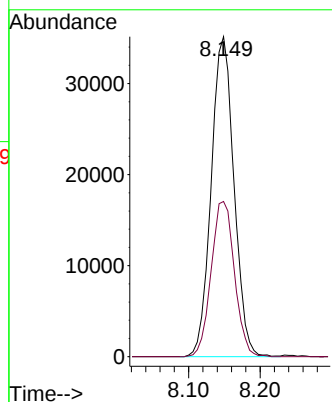
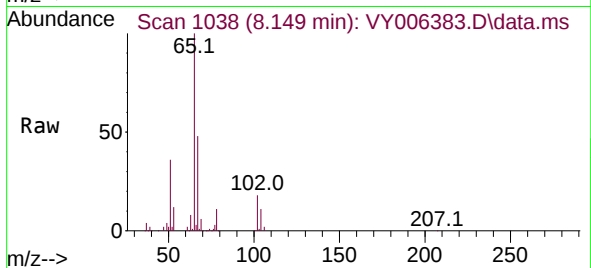
#33
1,2-Dichloroethane-d4
Concen: 53.205 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006383.D
Acq: 13 Oct 2021 13:22

Tgt Ion: 65 Resp: 77662
Ion Ratio Lower Upper
65 100
67 49.6 0.0 99.4

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

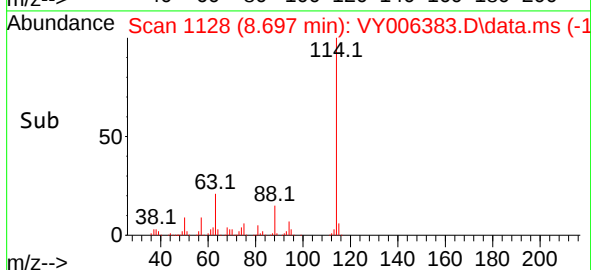
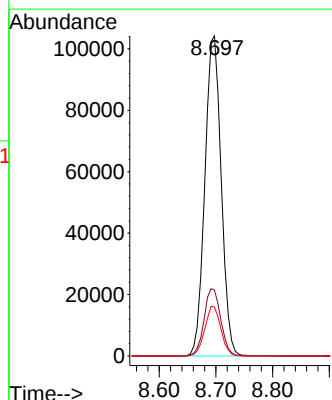
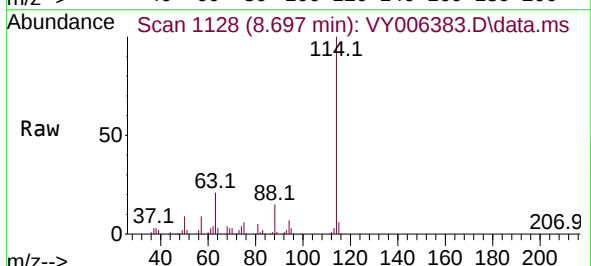
Manual Integrations
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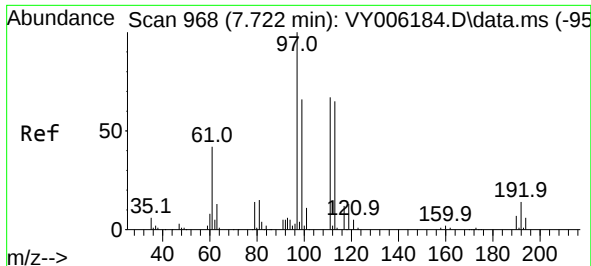
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#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006383.D
Acq: 13 Oct 2021 13:22

Tgt Ion: 114 Resp: 208407
Ion Ratio Lower Upper
114 100
63 20.6 0.0 43.2
88 15.3 0.0 31.8





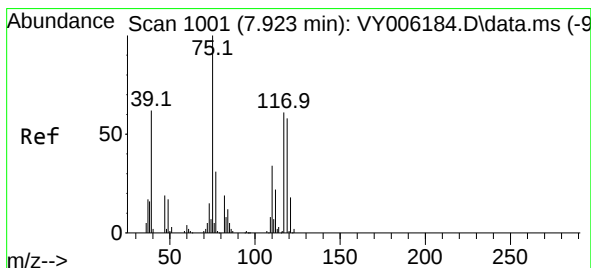
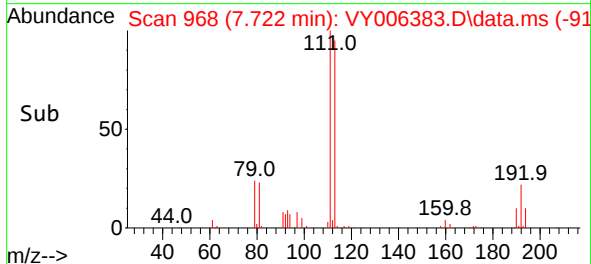
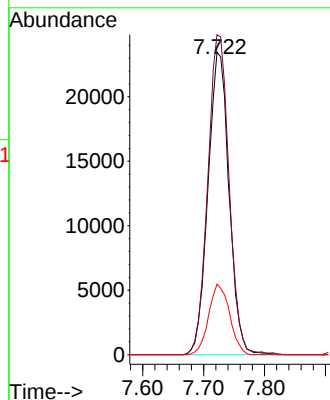
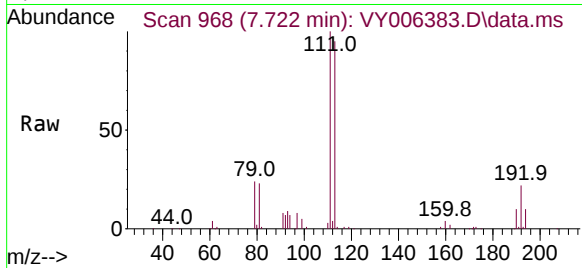
#35
Dibromofluoromethane
Concen: 50.654 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY006383.D
Acq: 13 Oct 2021 13:22

Tgt Ion: 113 Resp: 56400
Ion Ratio Lower Upper
113 100
111 106.6 82.6 124.0
192 23.2 17.6 26.4

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

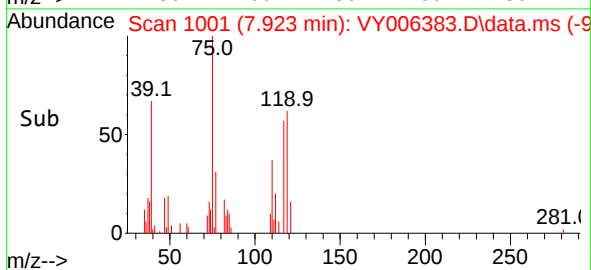
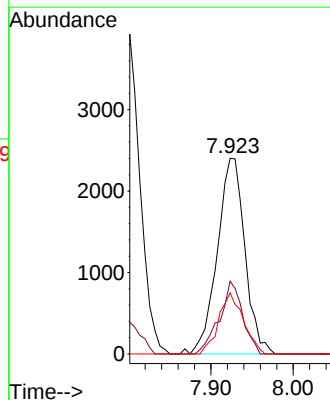
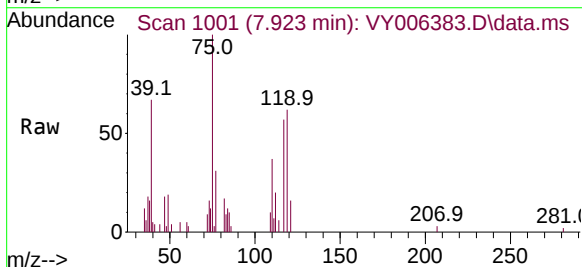
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#36
1,1-Dichloropropene
Concen: 2.703 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY006383.D
Acq: 13 Oct 2021 13:22

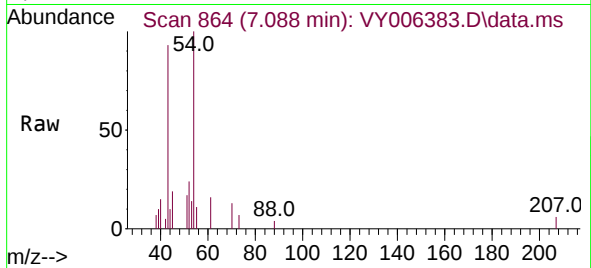
Tgt Ion: 75 Resp: 5605
Ion Ratio Lower Upper
75 100
110 31.3 17.1 51.2
77 27.9 24.4 36.6





#37
Ethyl Acetate
Concen: 2.538 ug/l
RT: 7.088 min Scan# 864
Delta R.T. 0.006 min
Lab File: VY006383.D
Acq: 13 Oct 2021 13:22

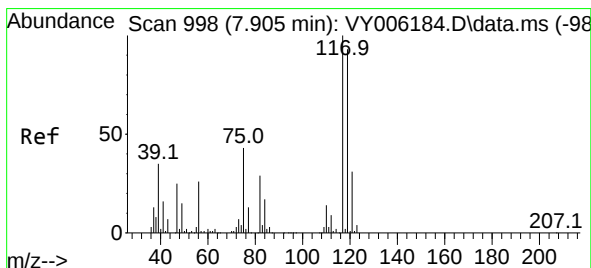
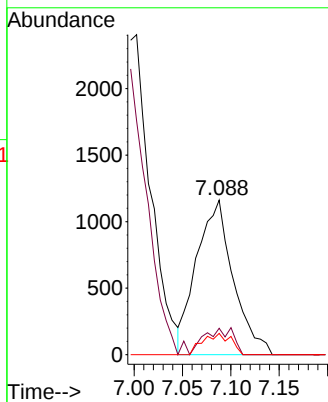
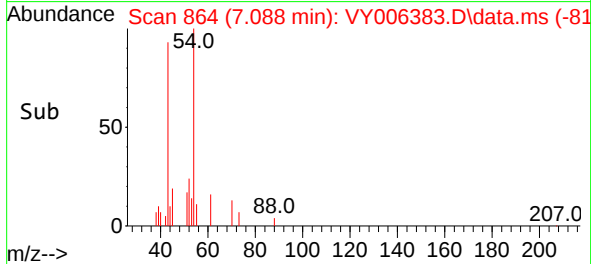
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



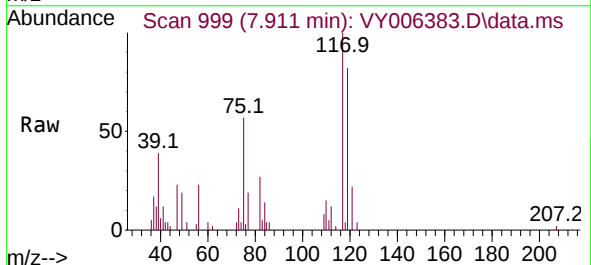
Tgt Ion: 43 Resp: 3066
Ion Ratio Lower Upper
43 100
61 13.5 9.7 14.5
70 10.5 7.1 10.7

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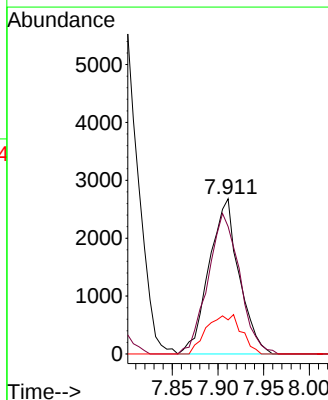
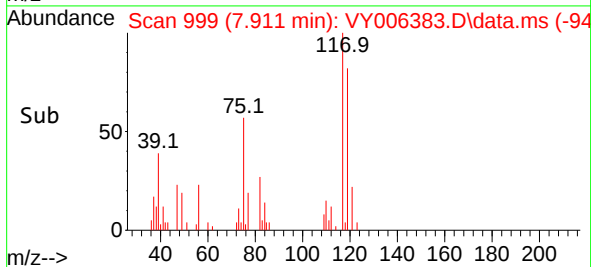
MMDadoda
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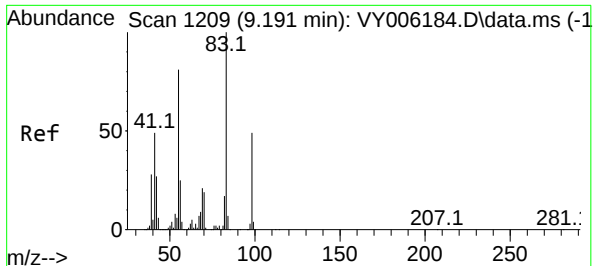


#38
Carbon Tetrachloride
Concen: 2.800 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.006 min
Lab File: VY006383.D
Acq: 13 Oct 2021 13:22



Tgt Ion: 117 Resp: 6131
Ion Ratio Lower Upper
117 100
119 82.0 77.9 116.9
121 21.9 24.8 37.2#





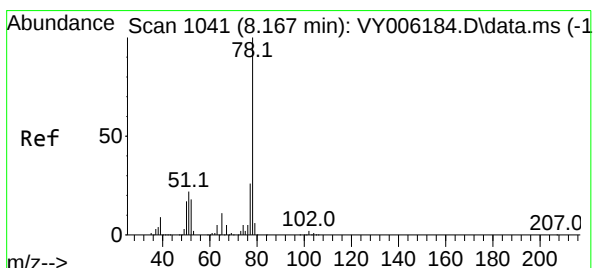
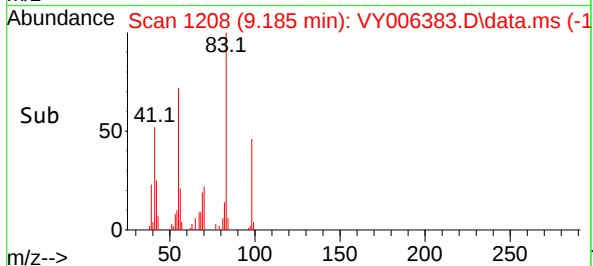
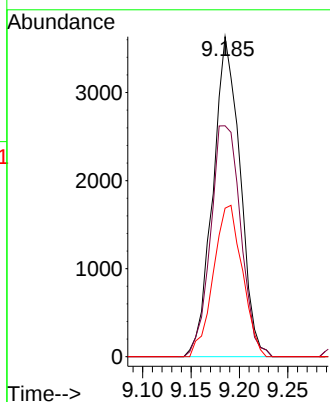
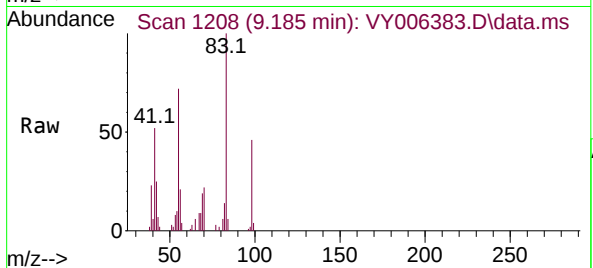
#39
Methylcyclohexane
Concen: 2.719 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. -0.006 min
Lab File: VY006383.D
Acq: 13 Oct 2021 13:22

Tgt Ion: 83 Resp: 7083
Ion Ratio Lower Upper
83 100
55 72.2 66.5 99.7
98 46.4 37.9 56.9

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

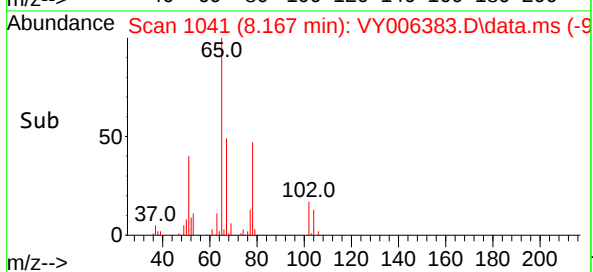
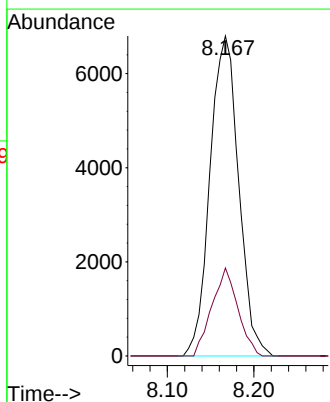
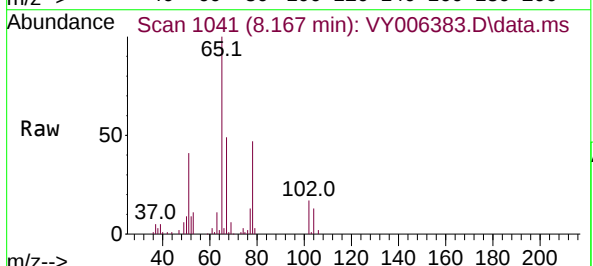
Manual Integrations
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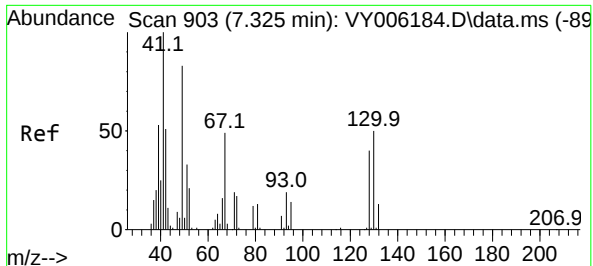
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#40
Benzene
Concen: 2.655 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY006383.D
Acq: 13 Oct 2021 13:22

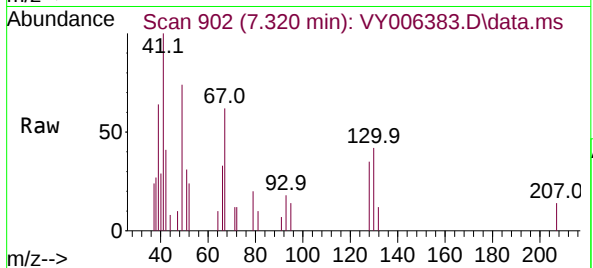
Tgt Ion: 78 Resp: 15621
Ion Ratio Lower Upper
78 100
77 27.5 20.4 30.6





#41
Methacrylonitrile
Concen: 2.356 ug/l m
RT: 7.320 min Scan# 902
Delta R.T. -0.006 min
Lab File: VY006383.D
Acq: 13 Oct 2021 13:22

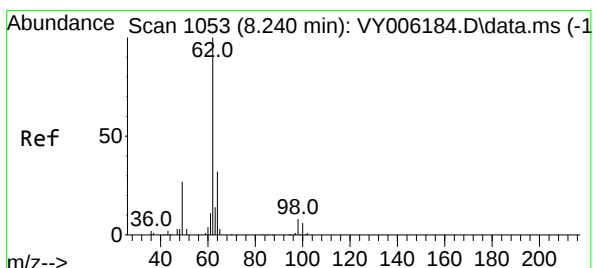
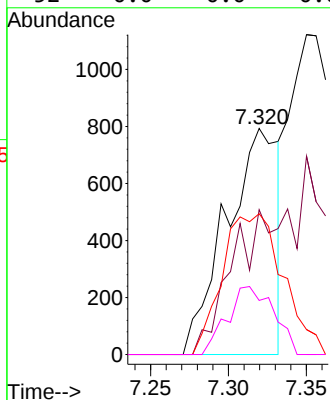
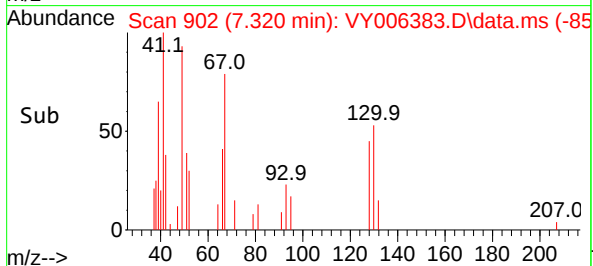
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



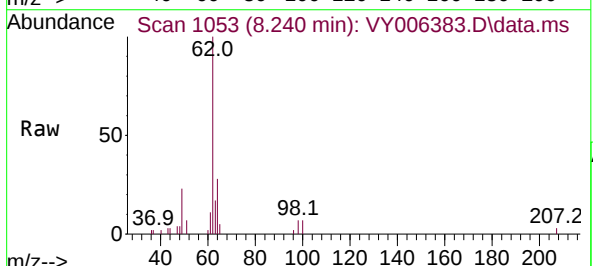
Tgt Ion: 41 Resp: 1846
Ion Ratio Lower Upper
41 100
39 56.4 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

Manual Integrations
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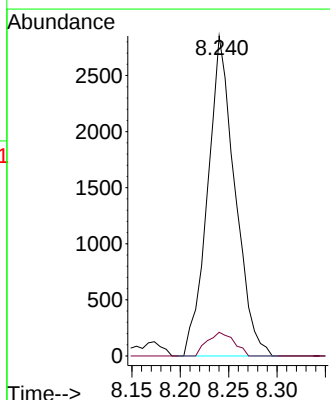
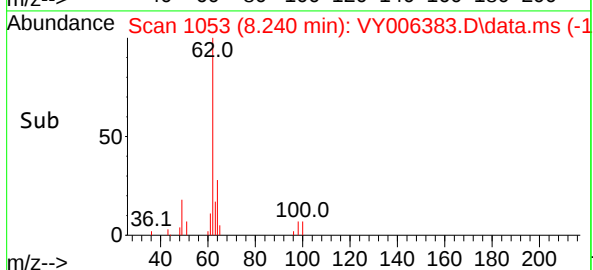
MMDadoda
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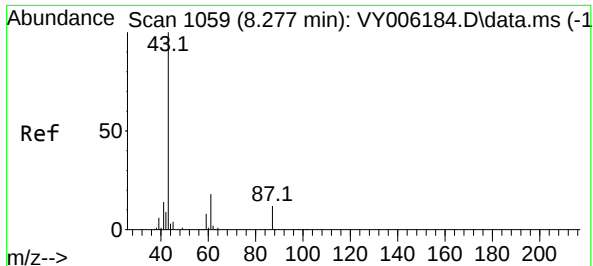


#42
1,2-Dichloroethane
Concen: 2.955 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY006383.D
Acq: 13 Oct 2021 13:22



Tgt Ion: 62 Resp: 5601
Ion Ratio Lower Upper
62 100
98 7.2 0.0 14.8





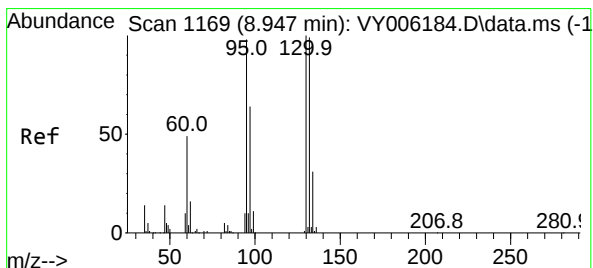
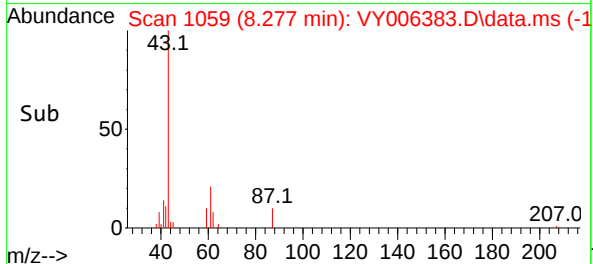
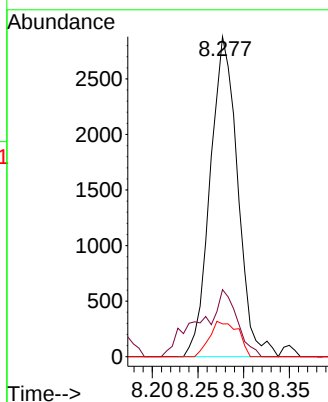
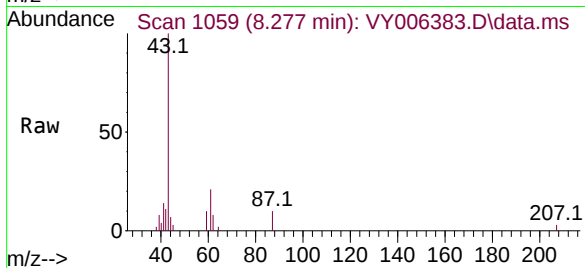
#43
Isopropyl Acetate
Concen: 2.604 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VY006383.D
Acq: 13 Oct 2021 13:22

Tgt Ion:	43	Resp:	6032
Ion	Ratio	Lower	Upper
43	100		
61	28.7	20.2	30.2
87	11.4	8.9	13.3

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

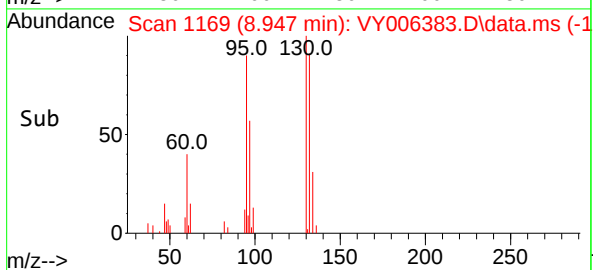
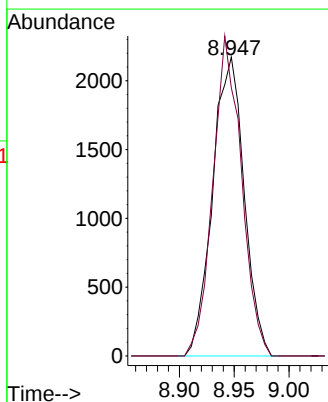
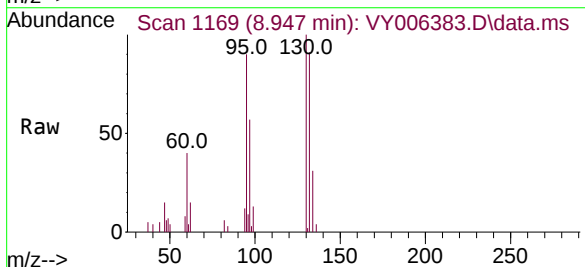
Manual Integrations
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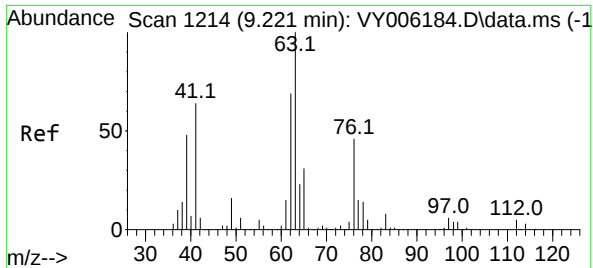
MMDadoda
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#44
Trichloroethene
Concen: 2.859 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VY006383.D
Acq: 13 Oct 2021 13:22

Tgt Ion:	130	Resp:	4344
Ion	Ratio	Lower	Upper
130	100		
95	89.7	0.0	188.2





#45

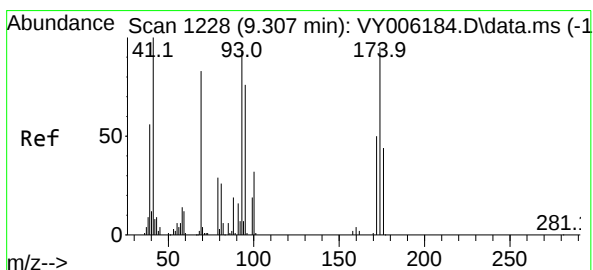
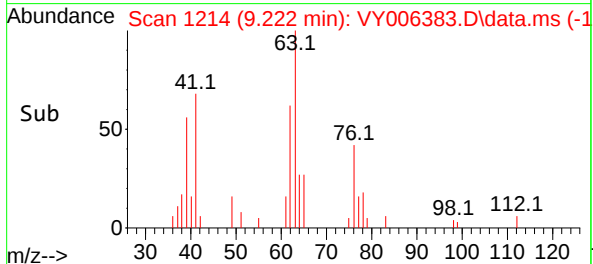
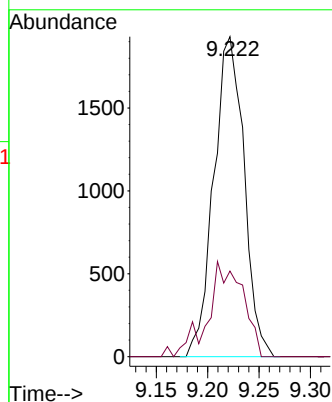
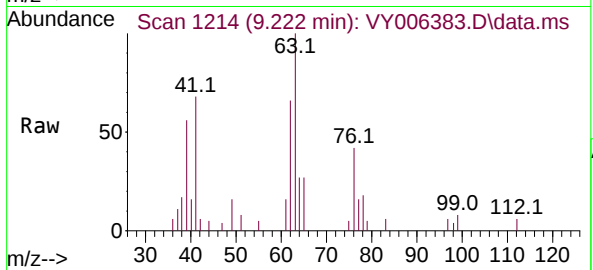
1,2-Dichloropropane
Concen: 2.725 ug/l
RT: 9.222 min Scan# 1214
Delta R.T. 0.000 min
Lab File: VY006383.D
Acq: 13 Oct 2021 13:22

Tgt Ion: 63 Resp: 3946
Ion Ratio Lower Upper
63 100
65 26.7 23.0 34.6

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

Manual Integrations
APPROVED

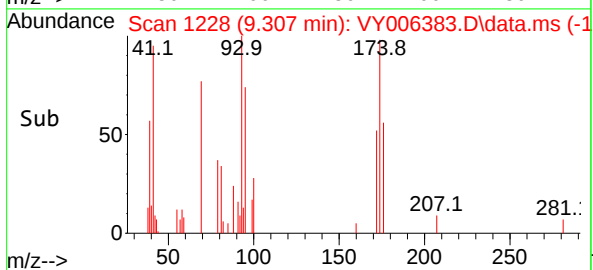
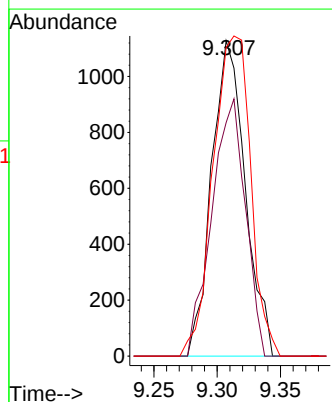
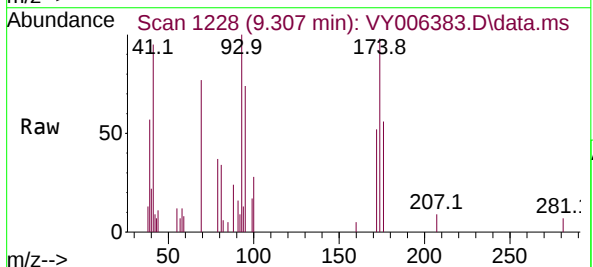
MMDadoda
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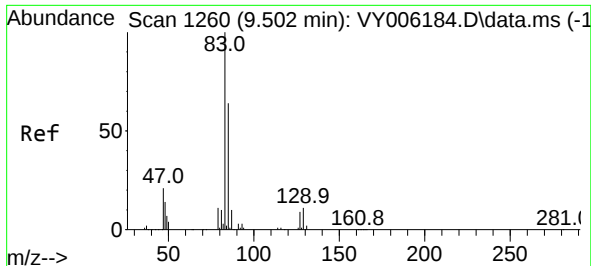


#46

Dibromomethane
Concen: 2.701 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VY006383.D
Acq: 13 Oct 2021 13:22

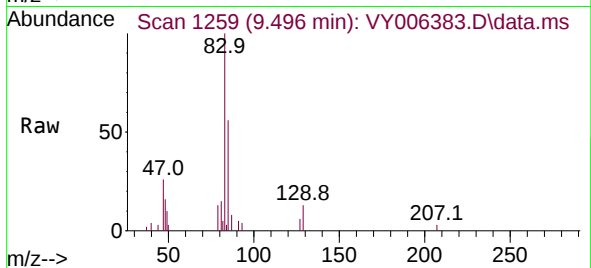
Tgt Ion: 93 Resp: 2083
Ion Ratio Lower Upper
93 100
95 81.4 64.3 96.5
174 113.7 83.4 125.0





#47
Bromodichloromethane
Concen: 2.595 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.006 min
Lab File: VY006383.D
Acq: 13 Oct 2021 13:22

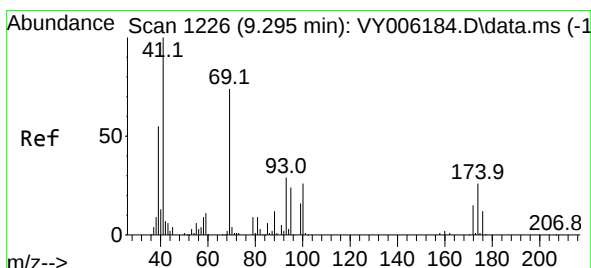
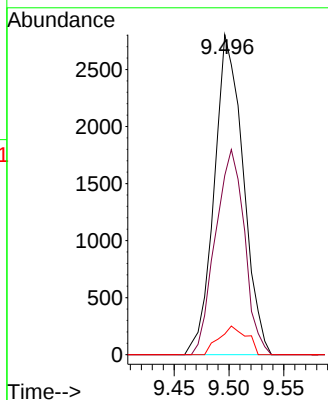
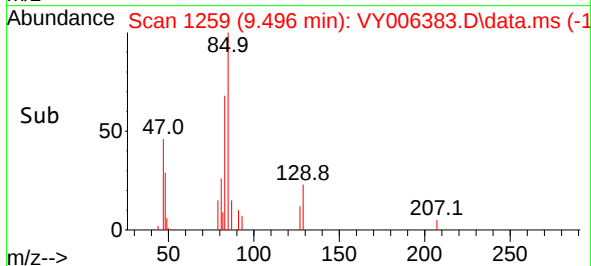
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



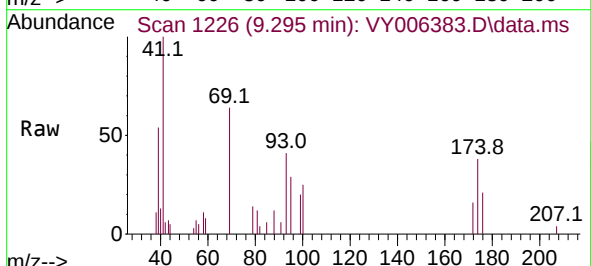
Tgt Ion: 83 Resp: 5153
Ion Ratio Lower Upper
83 100
85 56.0 51.9 77.9
127 6.5 6.6 10.0#

Manual Integrations
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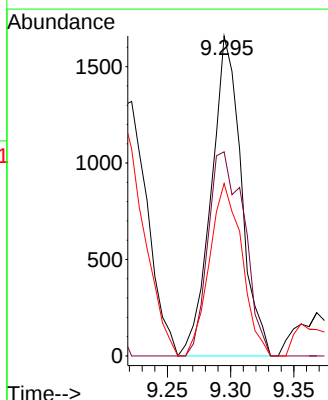
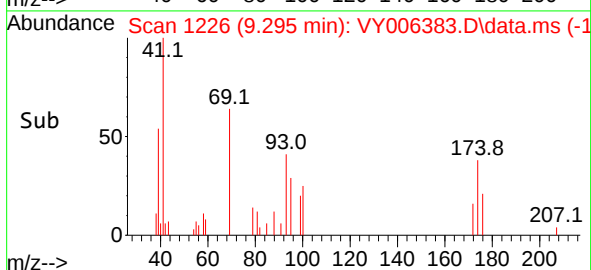
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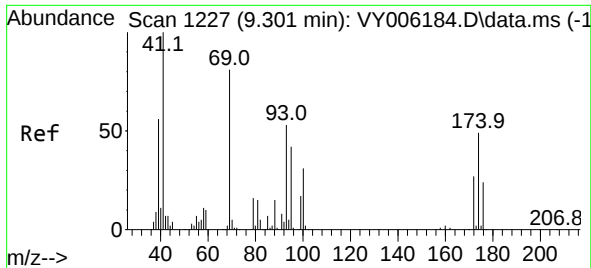


#48
Methyl methacrylate
Concen: 2.464 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY006383.D
Acq: 13 Oct 2021 13:22



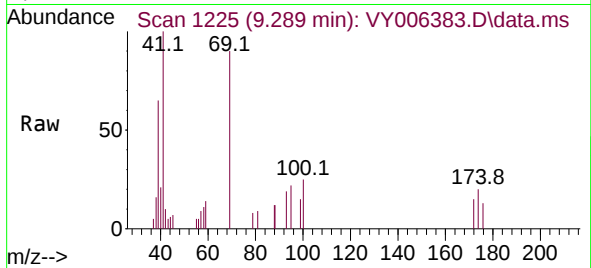
Tgt Ion: 41 Resp: 2739
Ion Ratio Lower Upper
41 100
69 76.5 58.2 87.2
39 58.1 47.4 71.0





#49
1,4-Dioxane
Concen: 57.348 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.012 min
Lab File: VY006383.D
Acq: 13 Oct 2021 13:22

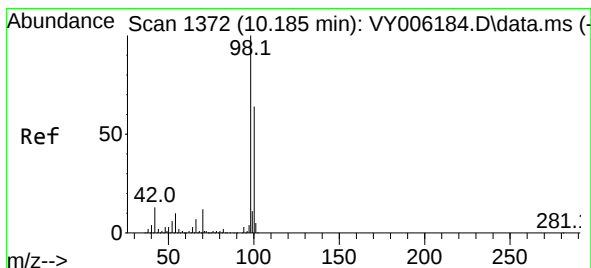
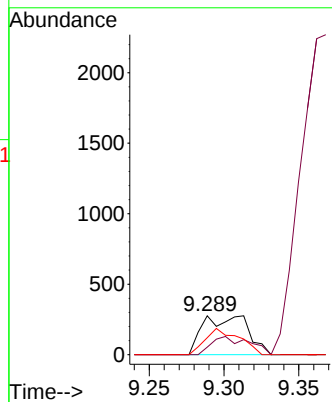
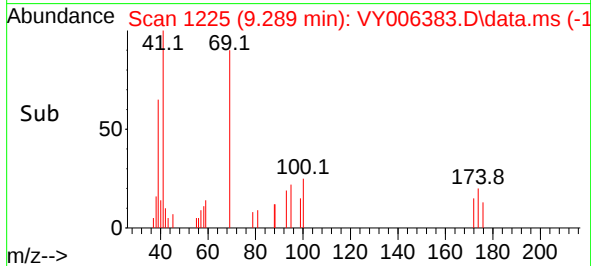
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



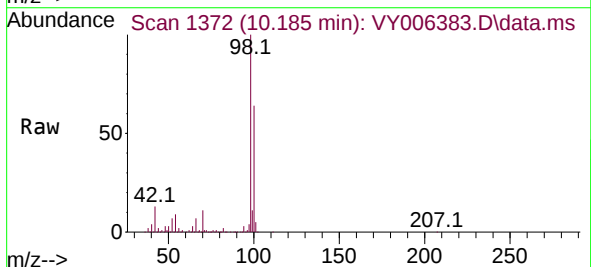
Tgt Ion: 88 Resp: 577
Ion Ratio Lower Upper
88 100
43 39.5 32.8 49.2
58 51.0 59.8 89.6#

Manual Integrations
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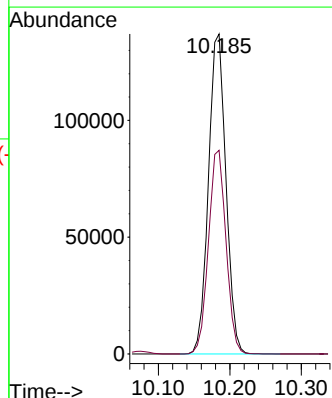
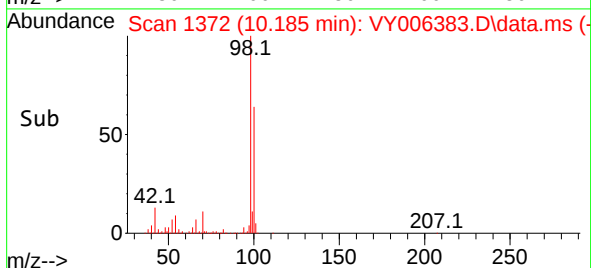
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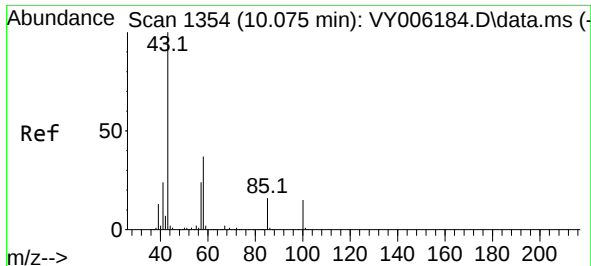


#50
Toluene-d8
Concen: 49.854 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006383.D
Acq: 13 Oct 2021 13:22



Tgt Ion: 98 Resp: 232318
Ion Ratio Lower Upper
98 100
100 64.0 50.2 75.2





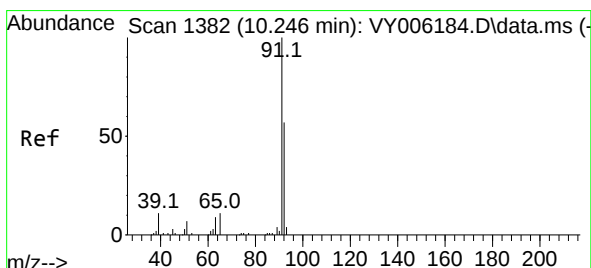
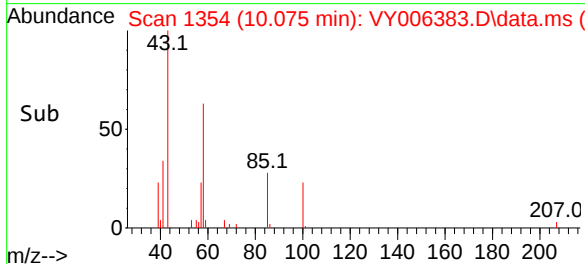
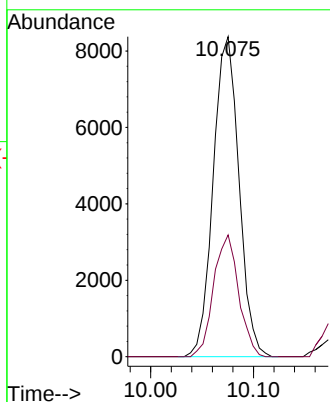
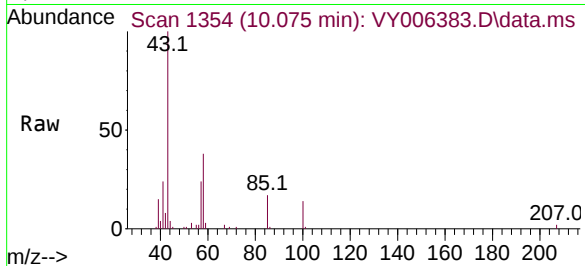
#51
4-Methyl-2-Pentanone
Concen: 12.112 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY006383.D
Acq: 13 Oct 2021 13:22

Tgt Ion: 43 Resp: 14570
Ion Ratio Lower Upper
43 100
58 36.9 28.1 42.1

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

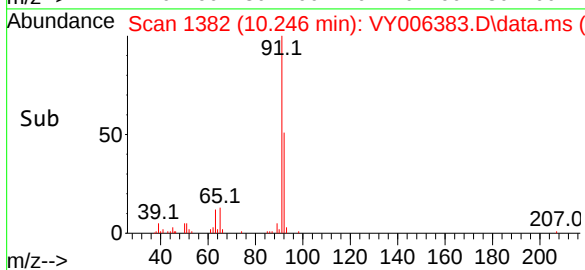
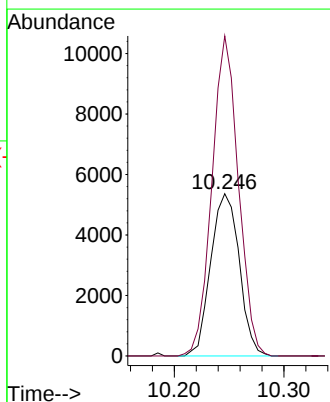
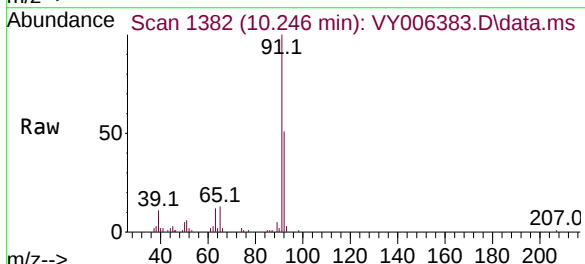
Manual Integrations
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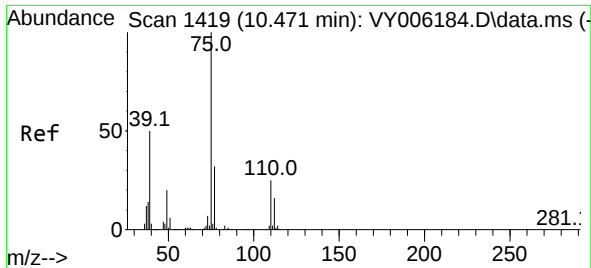
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#52
Toluene
Concen: 2.659 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY006383.D
Acq: 13 Oct 2021 13:22

Tgt Ion: 92 Resp: 9702
Ion Ratio Lower Upper
92 100
91 183.0 142.6 213.8





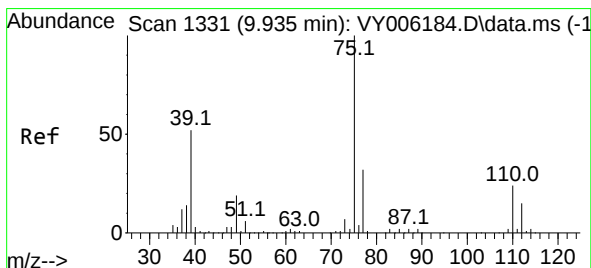
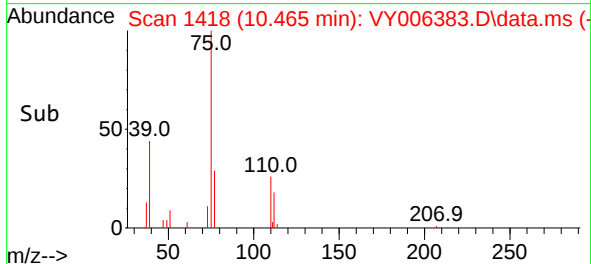
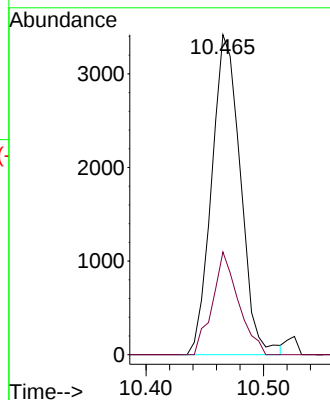
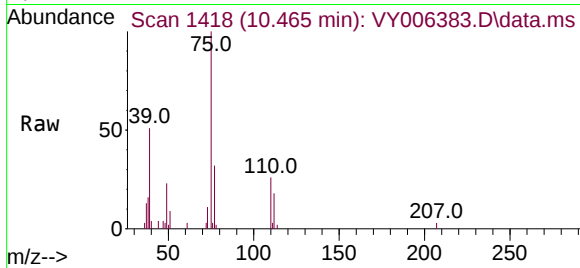
#53
t-1,3-Dichloropropene
Concen: 2.687 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.006 min
Lab File: VY006383.D
Acq: 13 Oct 2021 13:22

Tgt Ion: 75 Resp: 5818
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.2

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

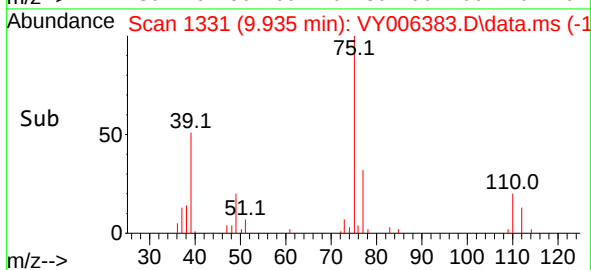
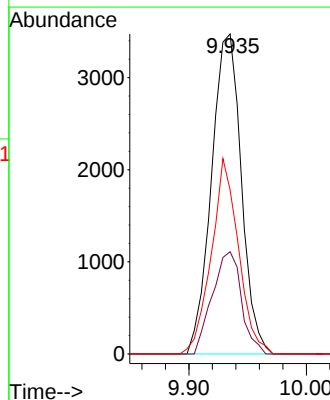
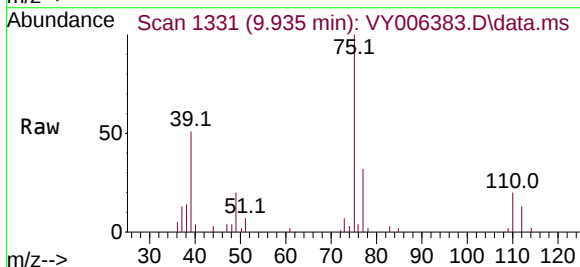
Manual Integrations
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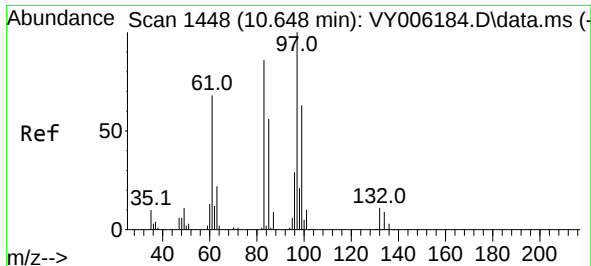
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#54
cis-1,3-Dichloropropene
Concen: 2.574 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. 0.000 min
Lab File: VY006383.D
Acq: 13 Oct 2021 13:22

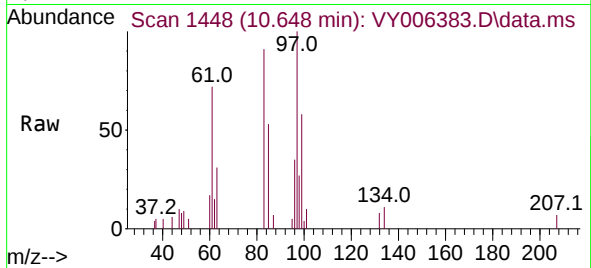
Tgt Ion: 75 Resp: 6127
Ion Ratio Lower Upper
75 100
77 32.0 25.6 38.4
39 51.2 47.6 71.4





#55
1,1,2-Trichloroethane
Concen: 2.626 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY006383.D
Acq: 13 Oct 2021 13:22

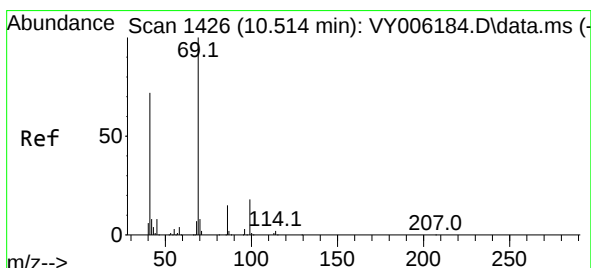
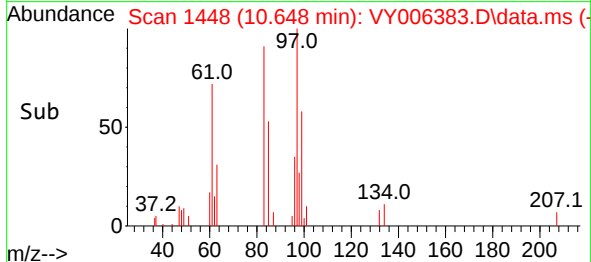
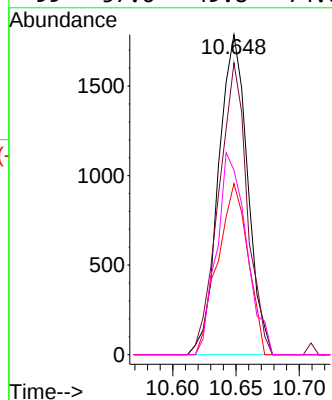
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



Tgt Ion	Ratio	Lower	Upper
97	100		
83	91.2	69.8	104.8
85	53.4	44.3	66.5
99	57.6	49.8	74.6

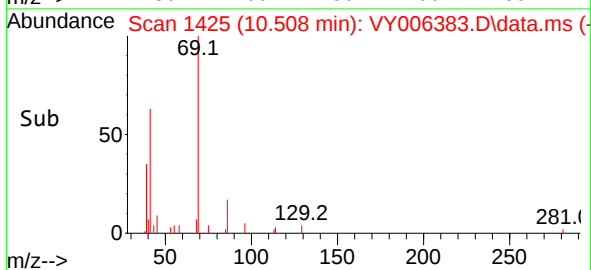
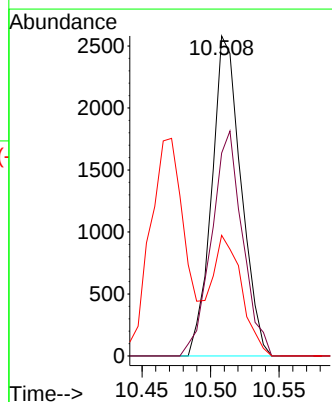
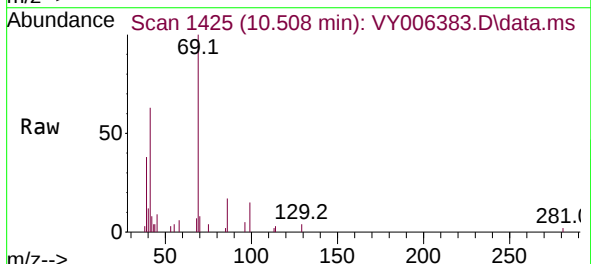
Manual Integrations
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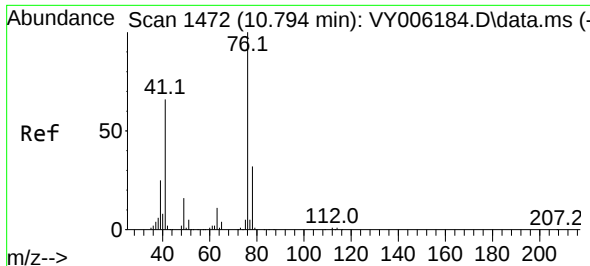
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#56
Ethyl methacrylate
Concen: 2.325 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.006 min
Lab File: VY006383.D
Acq: 13 Oct 2021 13:22

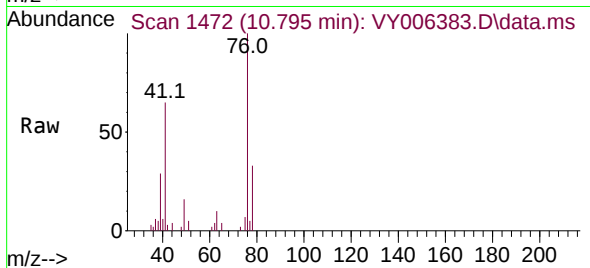
Tgt Ion	Ratio	Lower	Upper
69	100		
41	74.5	63.4	95.0
39	40.3	35.8	53.8



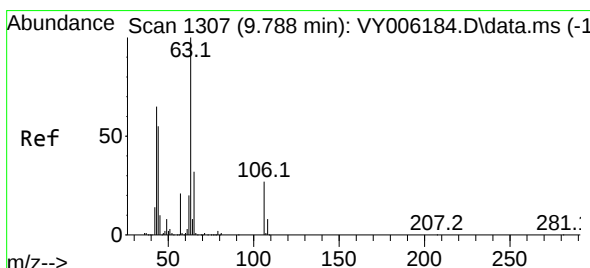
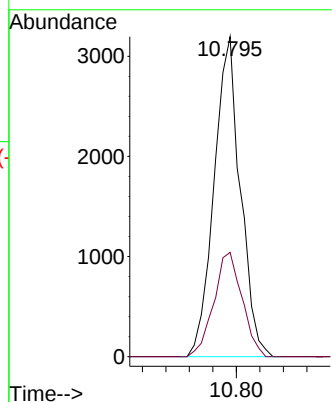
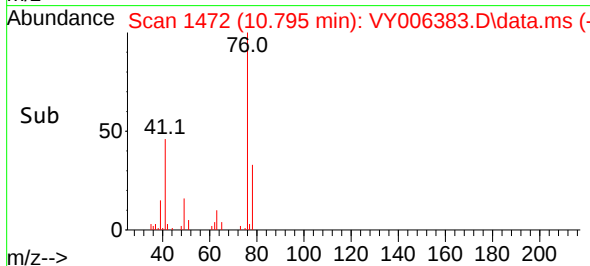


#57
1,3-Dichloropropane
Concen: 2.525 ug/l
RT: 10.795 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VY006383.D
Acq: 13 Oct 2021 13:22

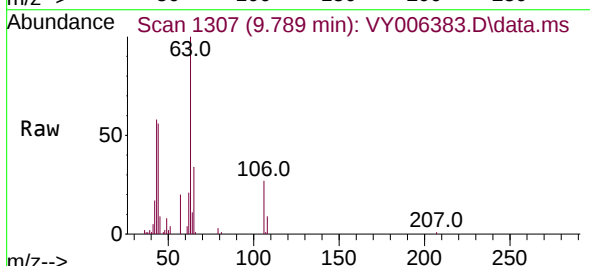
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



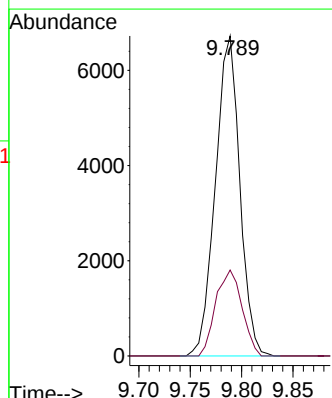
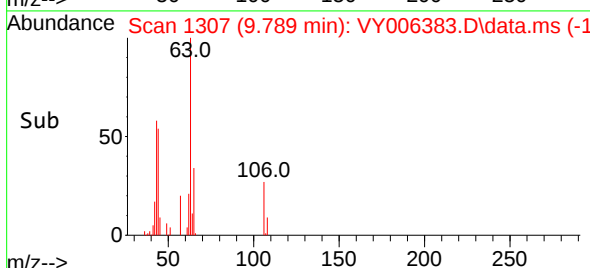
Tgt Ion: 76 Resp: 4957
Ion Ratio Lower Upper
76 100
78 35.0 25.0 37.6

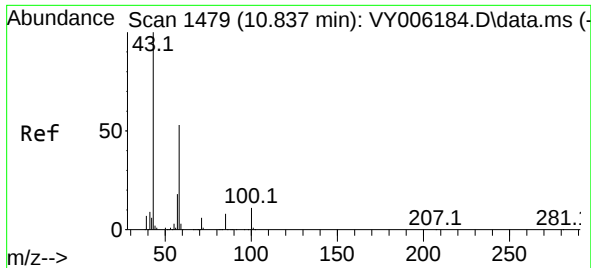


#58
2-Chloroethyl Vinyl ether
Concen: 13.715 ug/l
RT: 9.789 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VY006383.D
Acq: 13 Oct 2021 13:22



Tgt Ion: 63 Resp: 11083
Ion Ratio Lower Upper
63 100
106 28.8 21.5 32.3





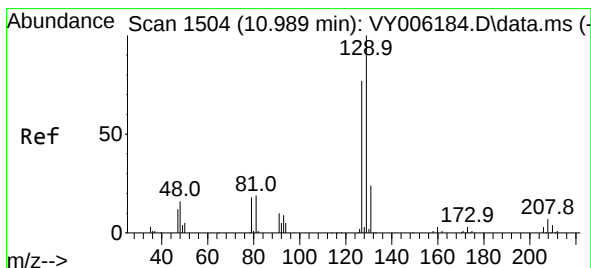
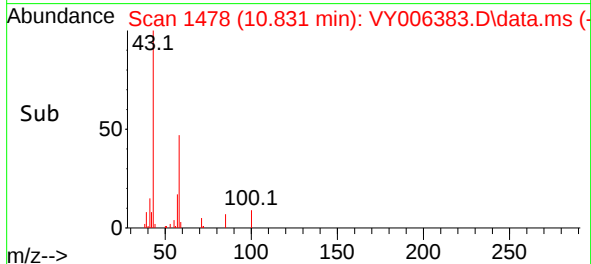
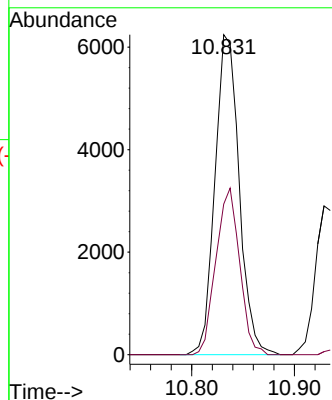
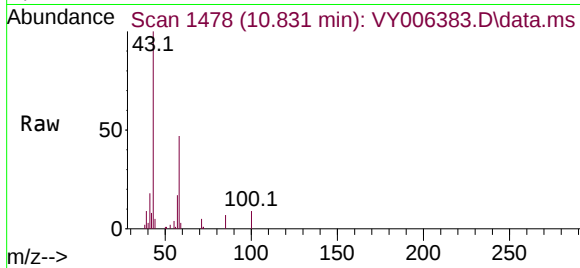
#59
2-Hexanone
Concen: 11.908 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.006 min
Lab File: VY006383.D
Acq: 13 Oct 2021 13:22

Tgt Ion: 43 Resp: 10203
Ion Ratio Lower Upper
43 100
58 50.9 24.4 73.4

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

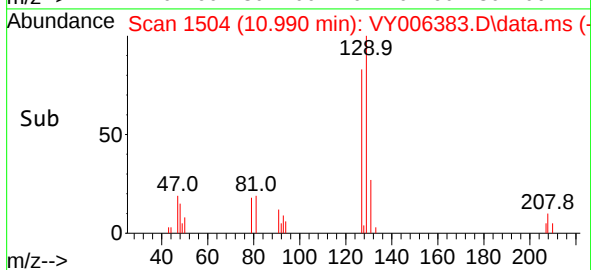
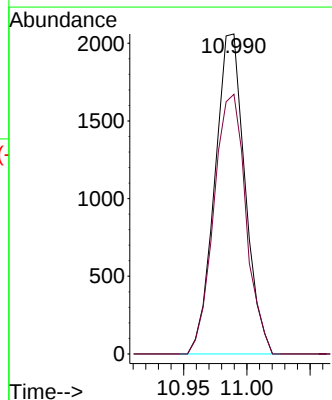
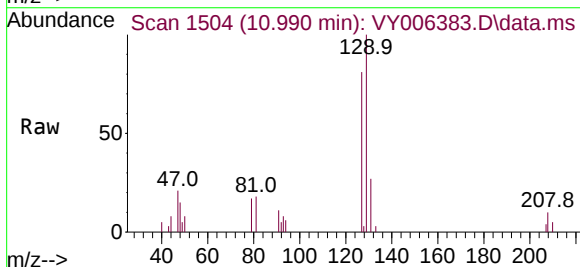
Manual Integrations
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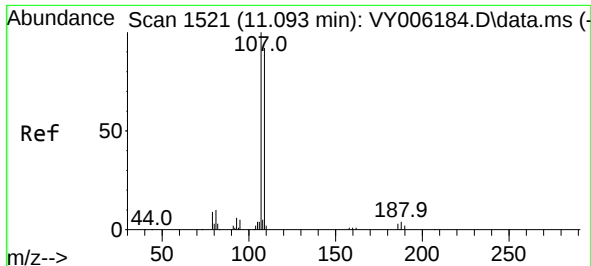
MMDadoda
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#60
Dibromochloromethane
Concen: 2.593 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY006383.D
Acq: 13 Oct 2021 13:22

Tgt Ion: 129 Resp: 3418
Ion Ratio Lower Upper
129 100
127 86.2 38.7 116.1





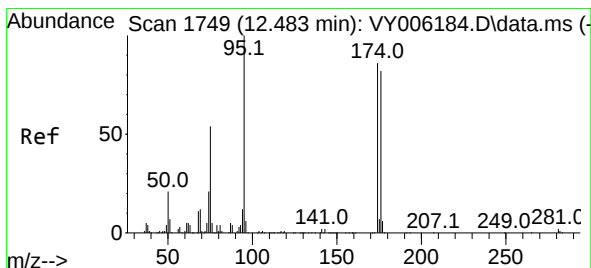
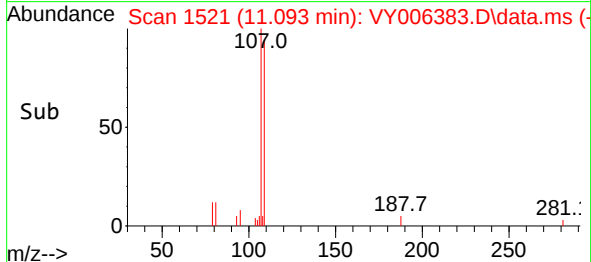
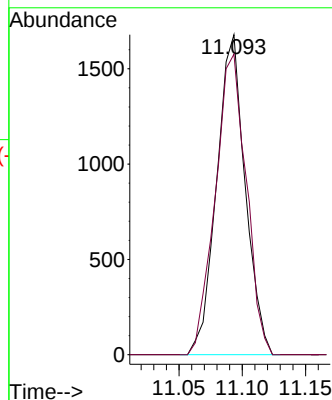
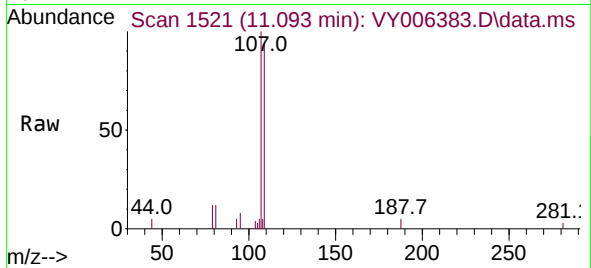
#61
1,2-Dibromoethane
Concen: 2.563 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY006383.D
Acq: 13 Oct 2021 13:22

Tgt Ion: 107 Resp: 2633
Ion Ratio Lower Upper
107 100
109 101.8 75.4 113.2

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

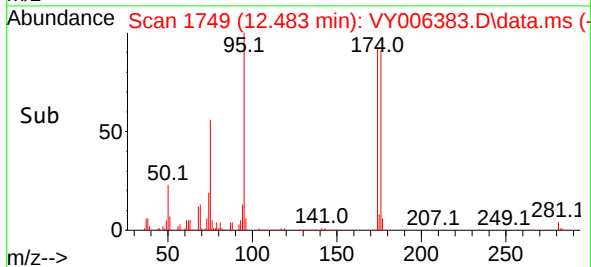
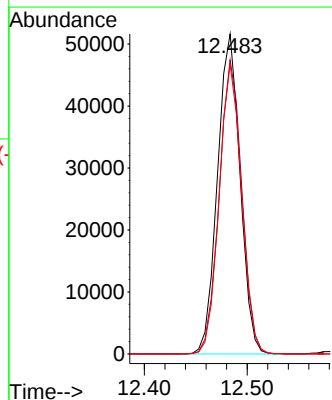
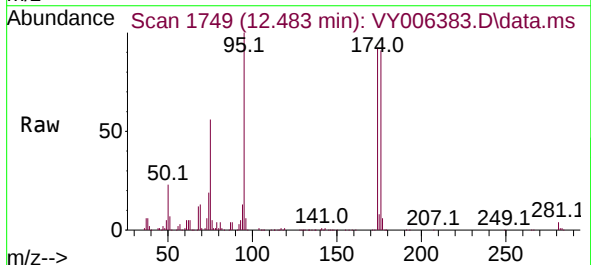
Manual Integrations
APPROVED

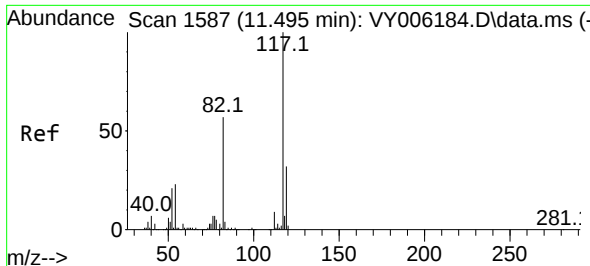
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#62
4-Bromofluorobenzene
Concen: 49.725 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006383.D
Acq: 13 Oct 2021 13:22

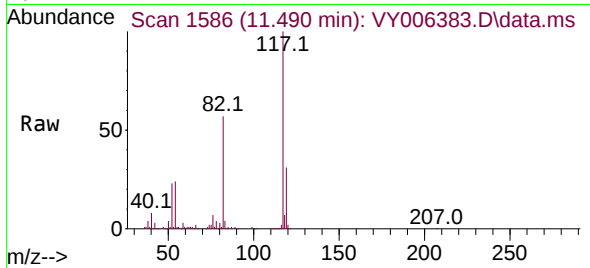
Tgt Ion: 95 Resp: 78716
Ion Ratio Lower Upper
95 100
174 91.8 0.0 177.0
176 89.6 0.0 175.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006383.D
Acq: 13 Oct 2021 13:22

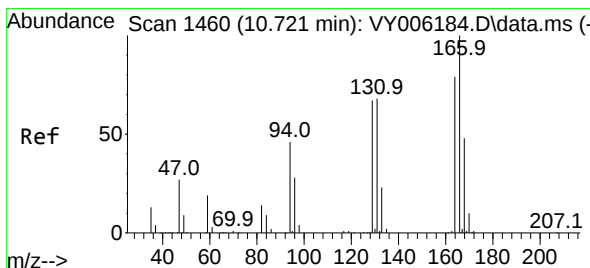
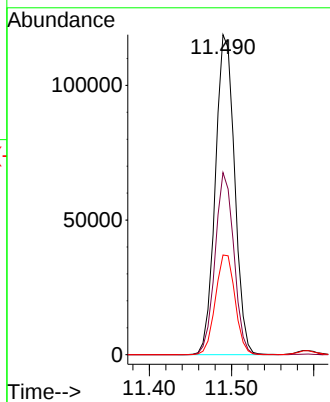
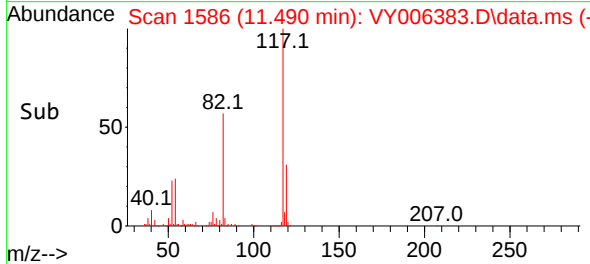
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



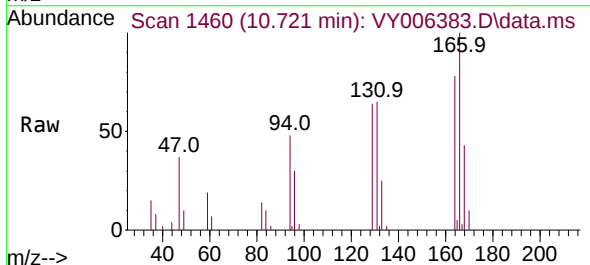
Tgt Ion:117 Resp: 193437
Ion Ratio Lower Upper
117 100
82 56.9 43.0 64.4
119 31.2 25.4 38.0

Manual Integrations
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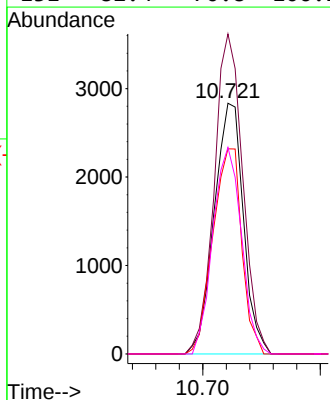
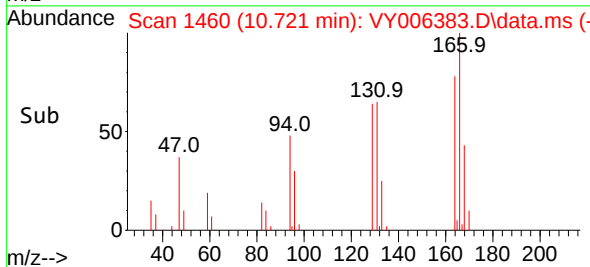
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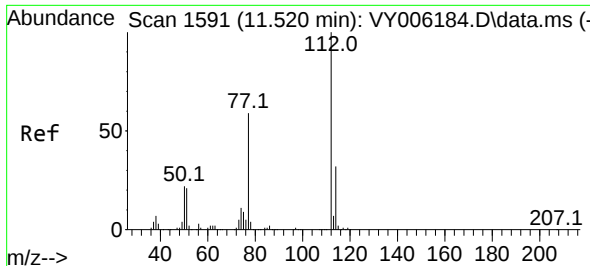


#64
Tetrachloroethene
Concen: 3.139 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY006383.D
Acq: 13 Oct 2021 13:22



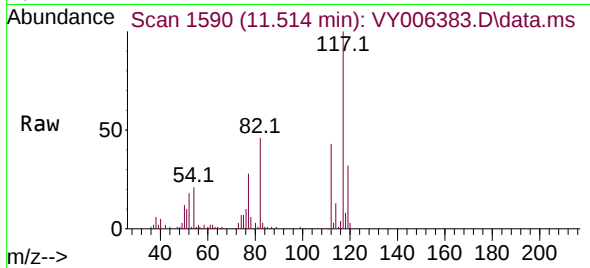
Tgt Ion:164 Resp: 4890
Ion Ratio Lower Upper
164 100
166 127.6 100.4 150.6
129 81.8 71.4 107.0
131 82.4 70.8 106.2





#65
Chlorobenzene
Concen: 2.685 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY006383.D
Acq: 13 Oct 2021 13:22

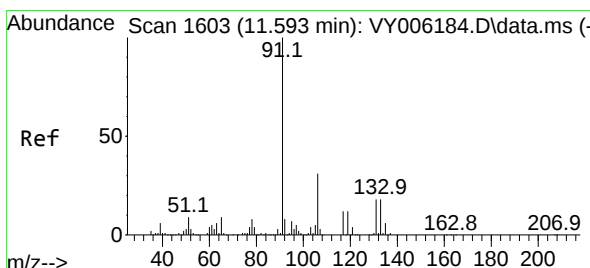
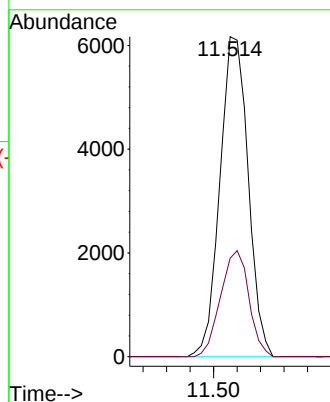
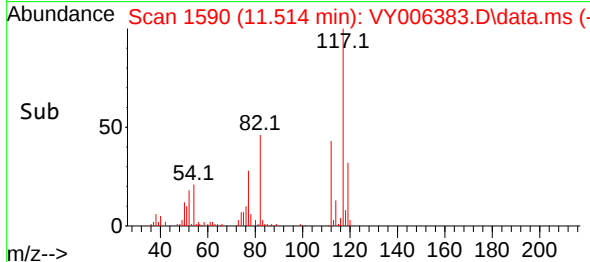
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



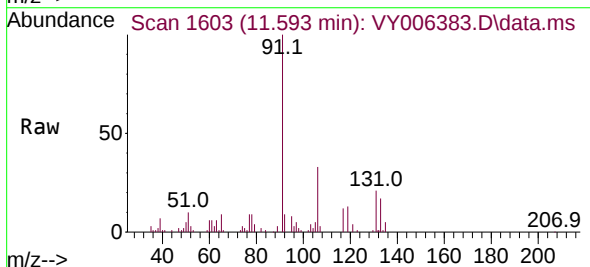
Tgt Ion:112 Resp: 10291
Ion Ratio Lower Upper
112 100
114 30.8 25.8 38.6

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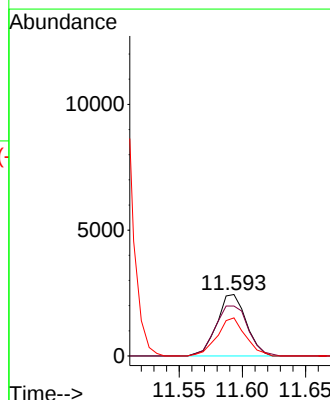
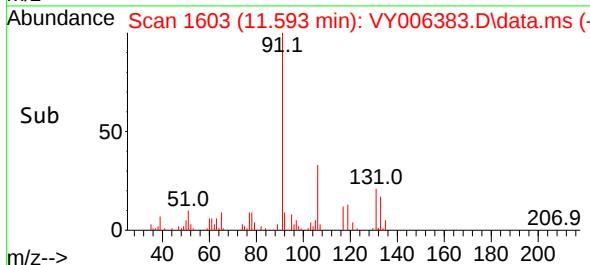
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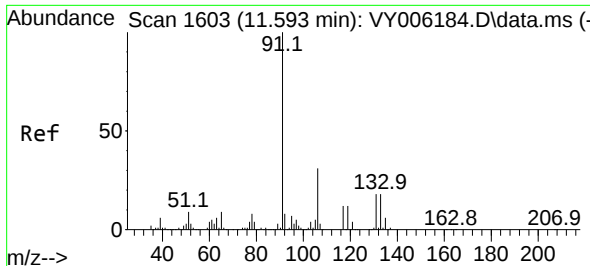


#66
1,1,1,2-Tetrachloroethane
Concen: 2.777 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY006383.D
Acq: 13 Oct 2021 13:22



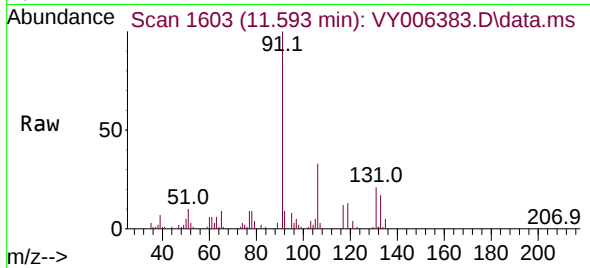
Tgt Ion:131 Resp: 3922
Ion Ratio Lower Upper
131 100
133 91.7 47.9 143.6
119 60.2 30.8 92.3





#67
Ethyl Benzene
Concen: 2.565 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY006383.D
Acq: 13 Oct 2021 13:22

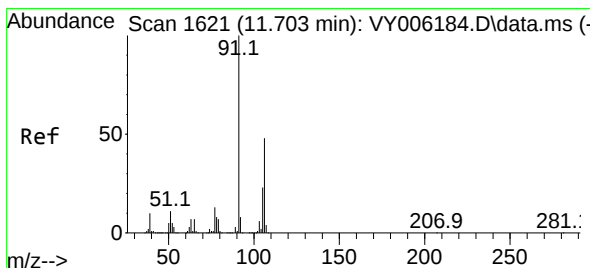
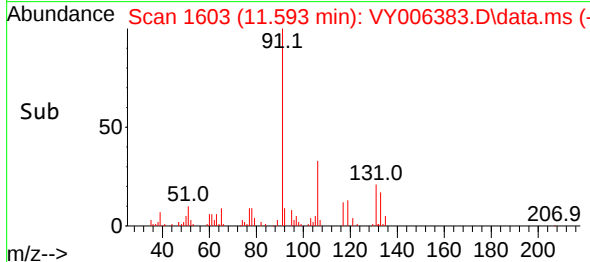
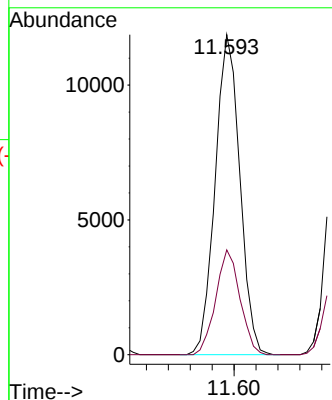
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



Tgt Ion: 91 Resp: 18528
Ion Ratio Lower Upper
91 100
106 32.8 24.5 36.7

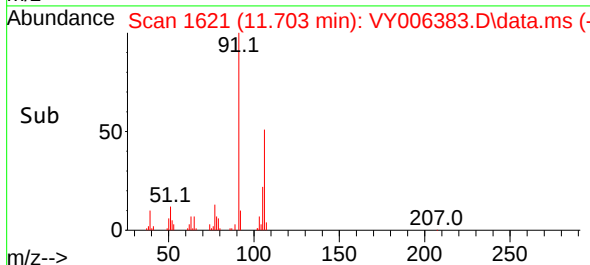
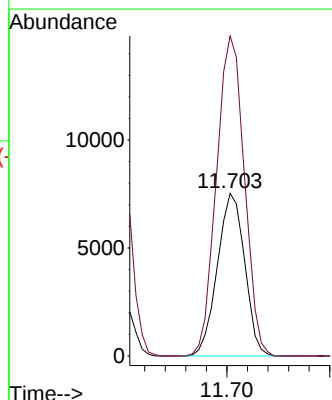
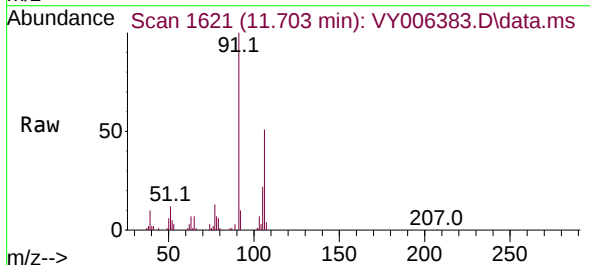
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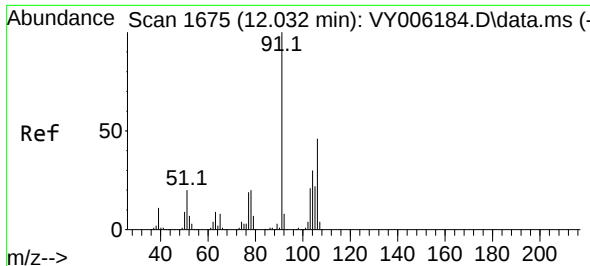
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#68
m/p-Xylenes
Concen: 5.061 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY006383.D
Acq: 13 Oct 2021 13:22

Tgt Ion: 106 Resp: 13874
Ion Ratio Lower Upper
106 100
91 201.2 166.6 249.8





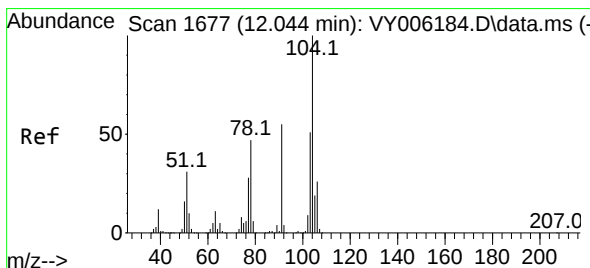
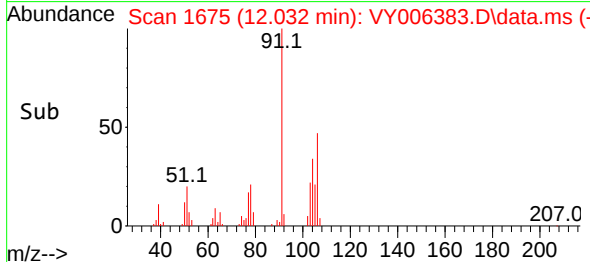
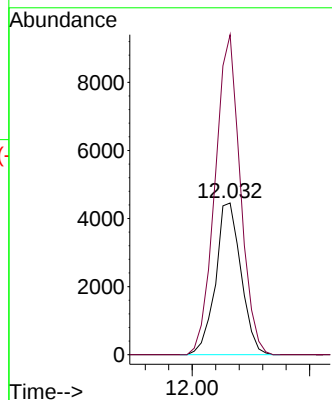
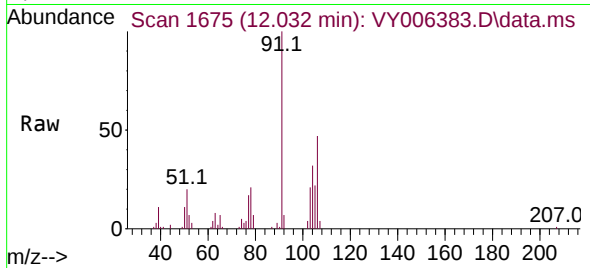
#69
o-Xylene
Concen: 2.585 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY006383.D
Acq: 13 Oct 2021 13:22

Tgt Ion:106 Resp: 6694
Ion Ratio Lower Upper
106 100
91 209.4 110.3 331.0

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

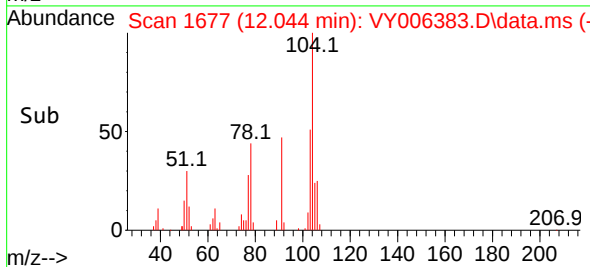
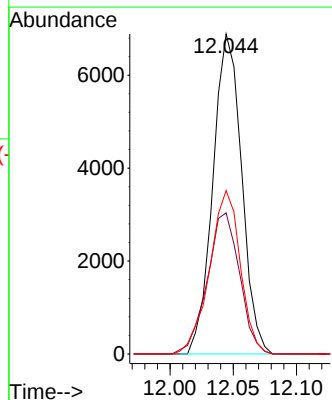
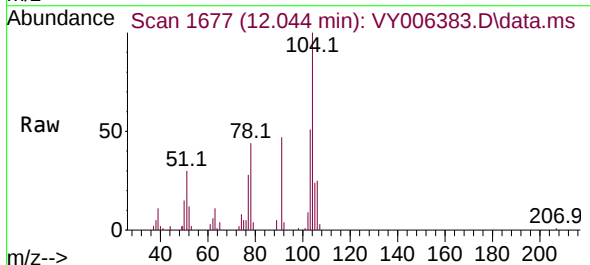
Manual Integrations
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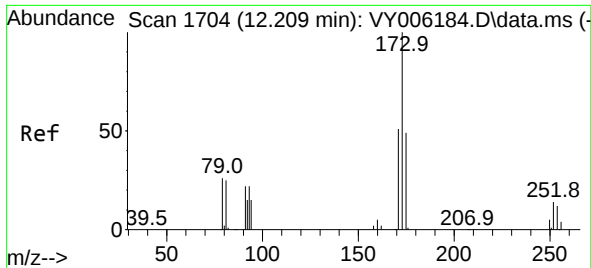
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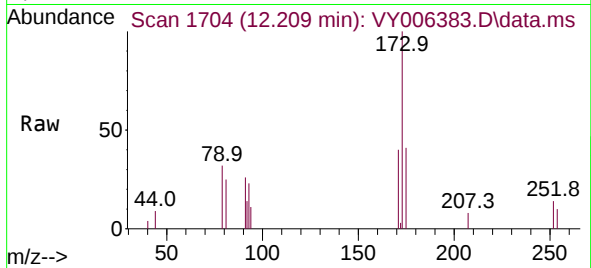
#70
Styrene
Concen: 2.468 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY006383.D
Acq: 13 Oct 2021 13:22

Tgt Ion:104 Resp: 10854
Ion Ratio Lower Upper
104 100
78 49.6 42.4 63.6
103 54.5 44.4 66.6

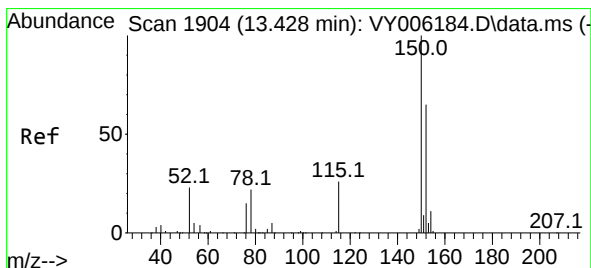
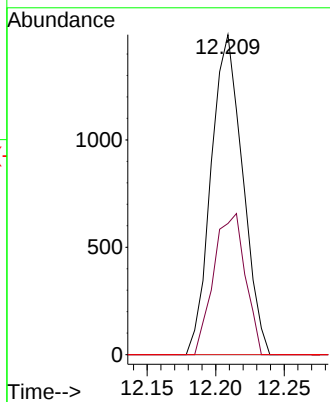
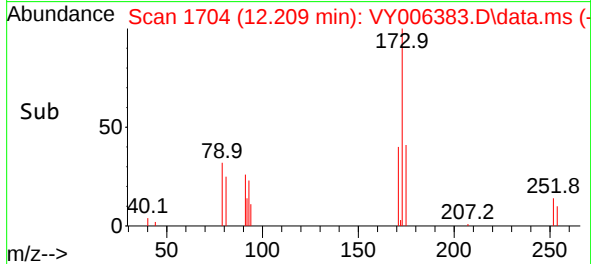




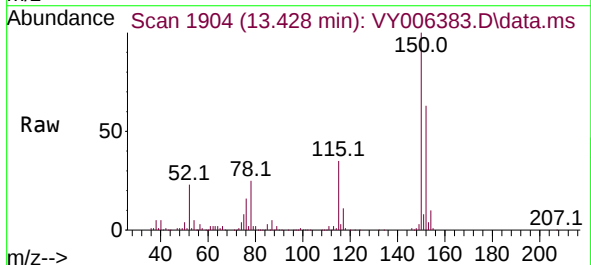
#71
Bromoform
Concen: 2.718 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VY006383.D
Acq: 13 Oct 2021 13:22



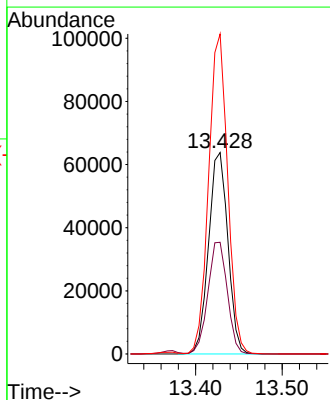
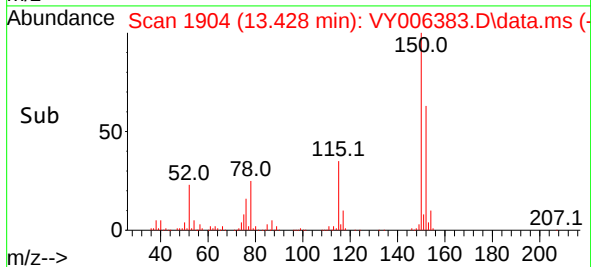
Tgt Ion:173 Resp: 2387
Ion Ratio Lower Upper
173 100
175 44.1 24.6 74.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006383.D
Acq: 13 Oct 2021 13:22



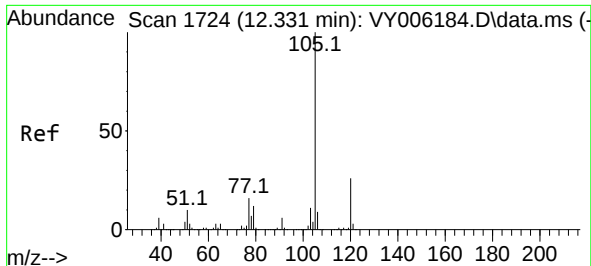
Tgt Ion:152 Resp: 98785
Ion Ratio Lower Upper
152 100
115 55.9 28.2 84.7
150 156.5 0.0 347.6



Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

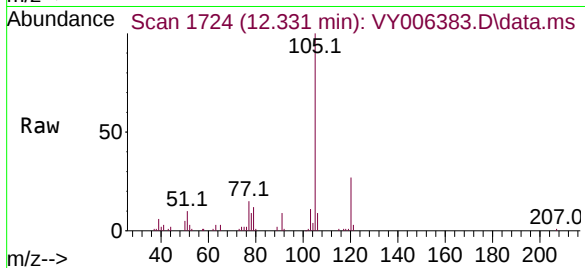
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#73
Isopropylbenzene
Concen: 2.500 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY006383.D
Acq: 13 Oct 2021 13:22

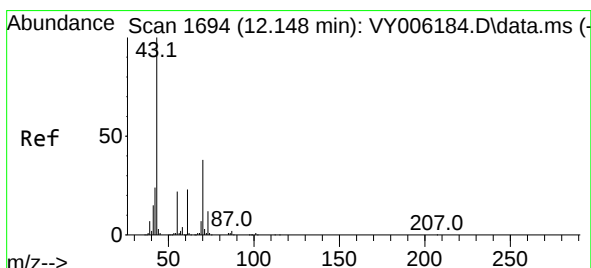
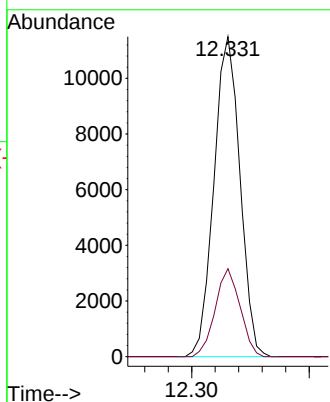
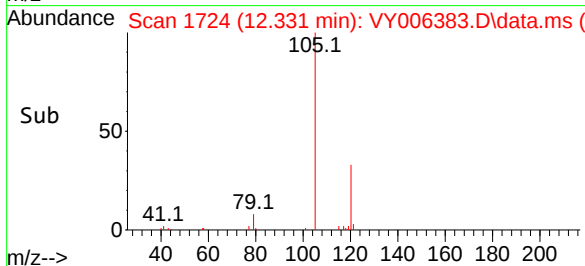
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



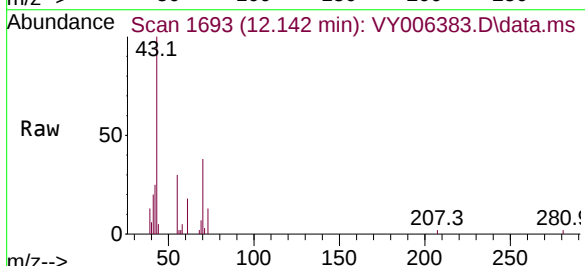
Tgt Ion:105 Resp: 17691
Ion Ratio Lower Upper
105 100
120 26.3 13.4 40.2

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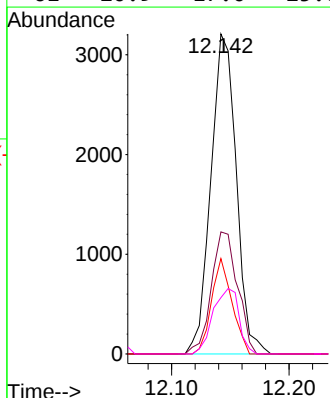
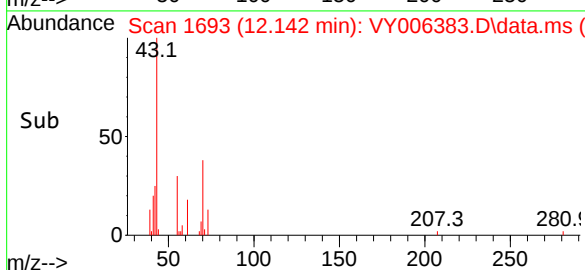
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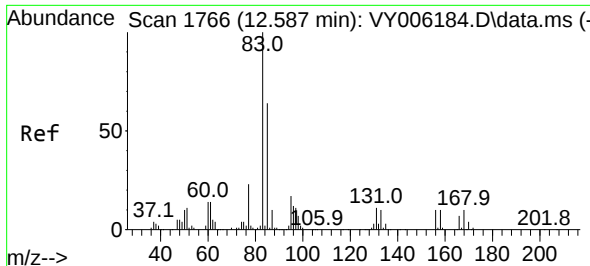


#74
N-ethyl acetate
Concen: 2.196 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VY006383.D
Acq: 13 Oct 2021 13:22



Tgt Ion: 43 Resp: 4822
Ion Ratio Lower Upper
43 100
70 39.3 28.7 43.1
55 24.0 17.3 25.9
61 20.9 17.0 25.6





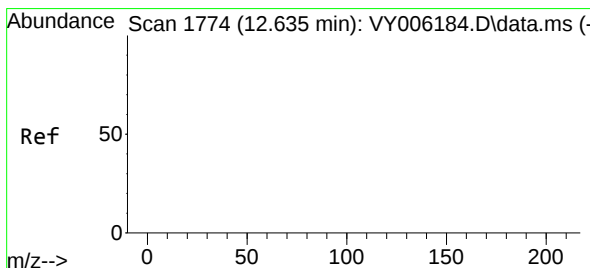
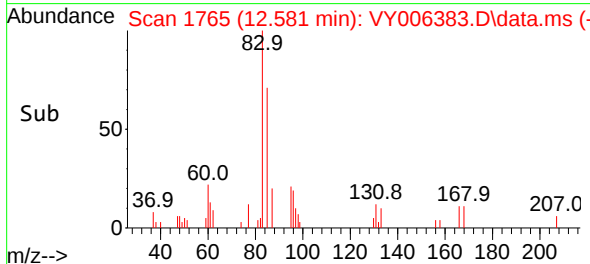
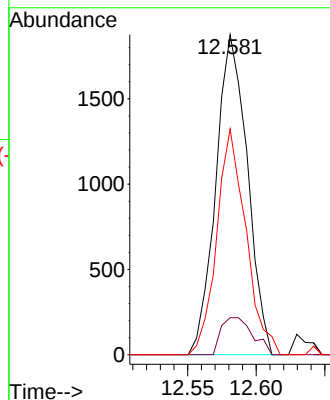
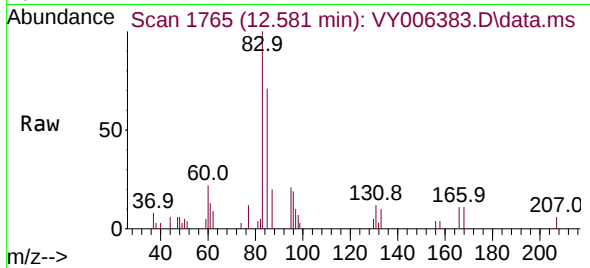
#75
1,1,2,2-Tetrachloroethane
Concen: 2.349 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.006 min
Lab File: VY006383.D
Acq: 13 Oct 2021 13:22

Tgt Ion: 83 Resp: 3002
Ion Ratio Lower Upper
83 100
131 11.6 5.6 16.8
85 65.3 32.3 96.8

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

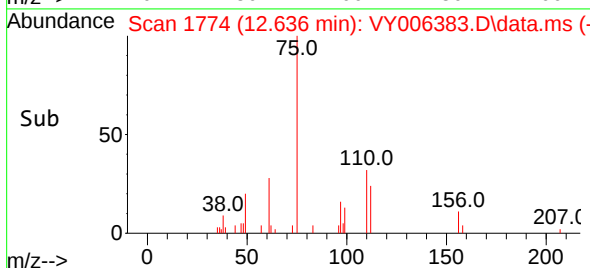
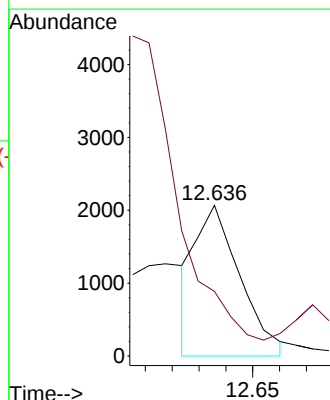
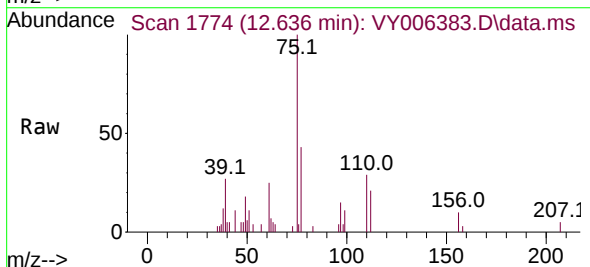
Manual Integrations
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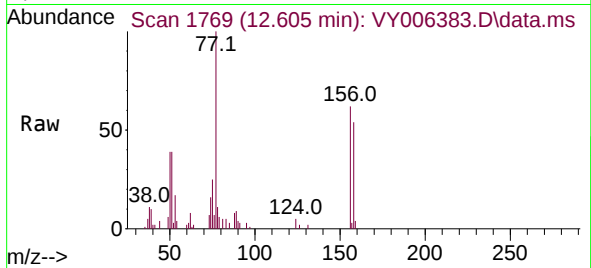
#76
1,2,3-Trichloropropane
Concen: 2.490 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY006383.D
Acq: 13 Oct 2021 13:22

Tgt Ion: 75 Resp: 2391
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

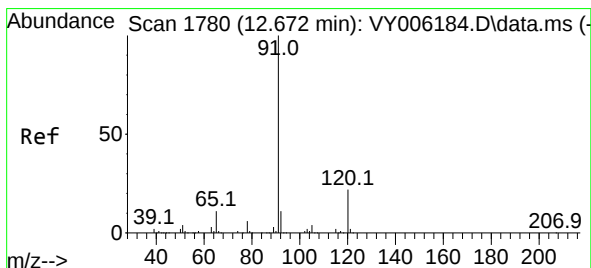
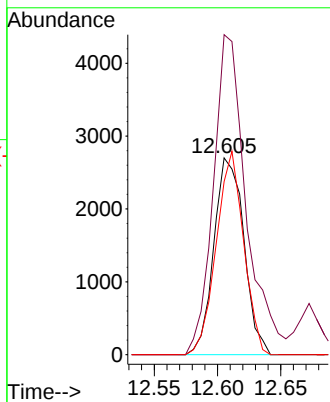
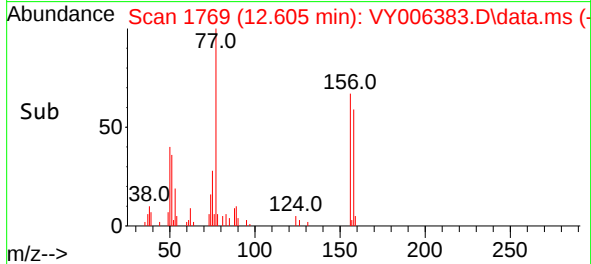




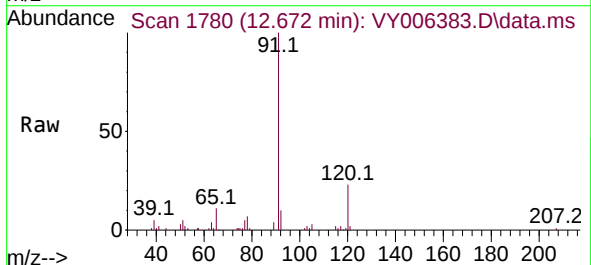
#77
Bromobenzene
Concen: 2.682 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY006383.D
Acq: 13 Oct 2021 13:22



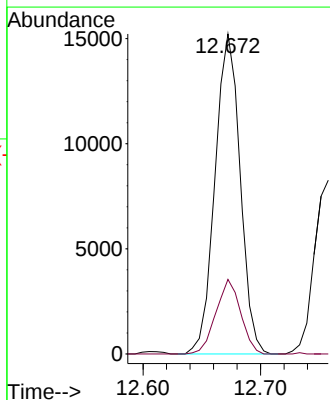
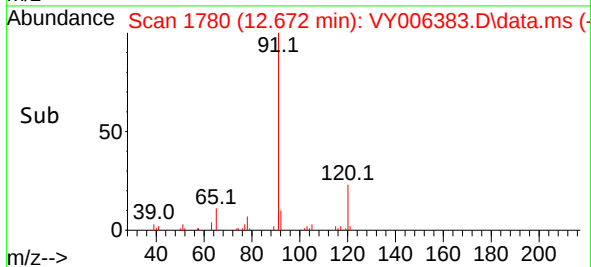
Tgt Ion: 156 Resp: 4449
Ion Ratio Lower Upper
156 100
77 178.0 95.5 286.4
158 94.3 48.0 144.0



#78
n-propylbenzene
Concen: 2.599 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY006383.D
Acq: 13 Oct 2021 13:22



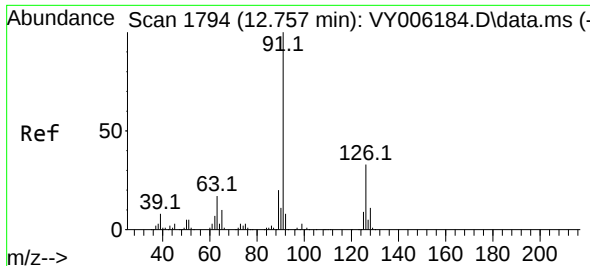
Tgt Ion: 91 Resp: 22634
Ion Ratio Lower Upper
91 100
120 22.9 11.3 33.9



Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

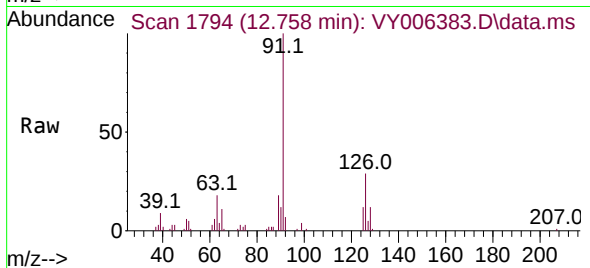
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#79
2-Chlorotoluene
Concen: 2.624 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY006383.D
Acq: 13 Oct 2021 13:22

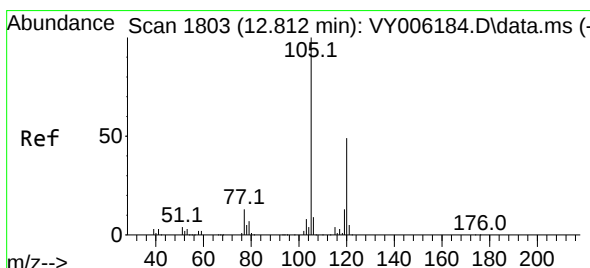
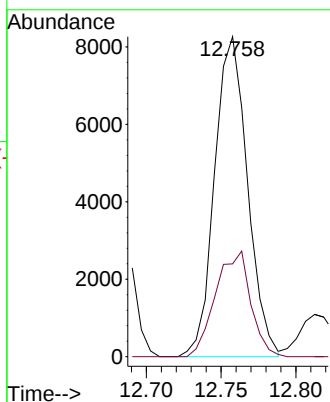
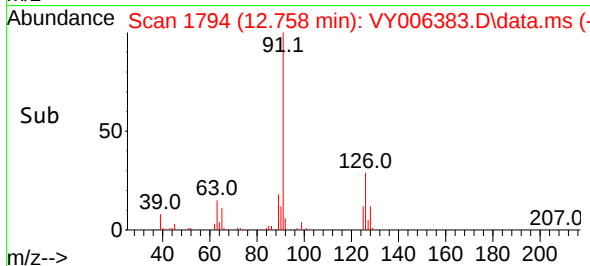
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



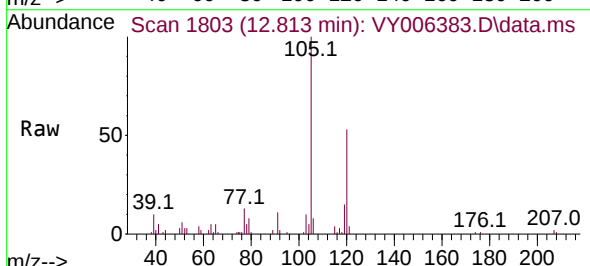
Tgt Ion: 91 Resp: 12648
Ion Ratio Lower Upper
91 100
126 35.0 16.9 50.6

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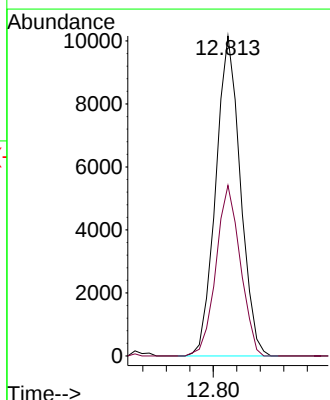
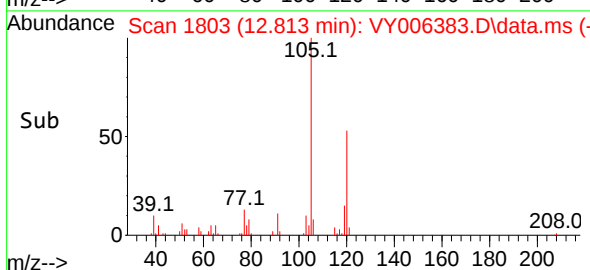
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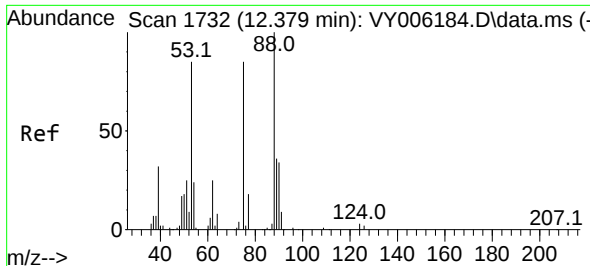


#80
1,3,5-Trimethylbenzene
Concen: 2.495 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY006383.D
Acq: 13 Oct 2021 13:22



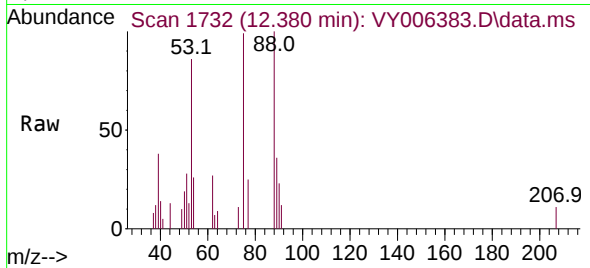
Tgt Ion: 105 Resp: 14762
Ion Ratio Lower Upper
105 100
120 52.7 24.4 73.4





#81
trans-1,4-Dichloro-2-butene
Concen: 2.454 ug/l m
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY006383.D
Acq: 13 Oct 2021 13:22

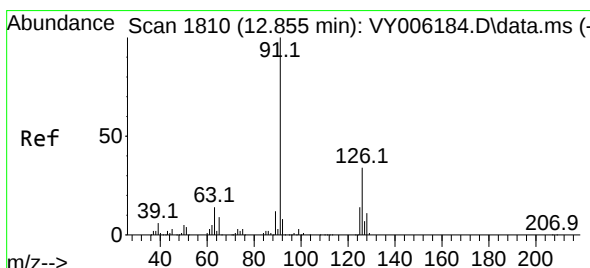
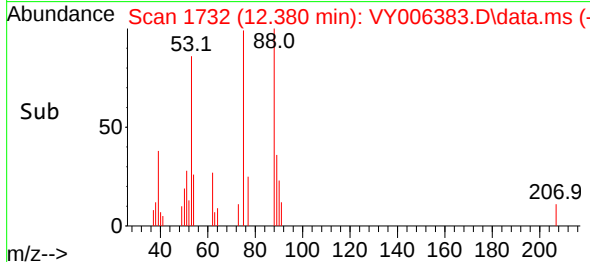
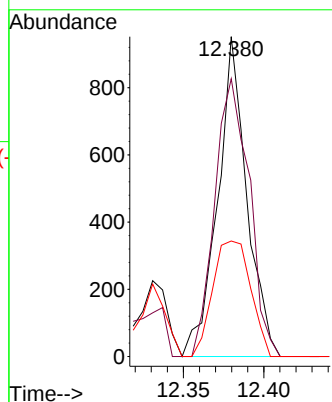
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.3	127.9#
89	1.8	37.0	55.4#

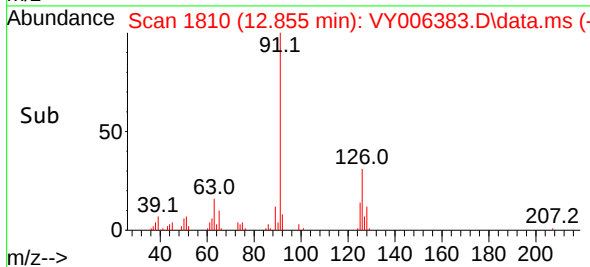
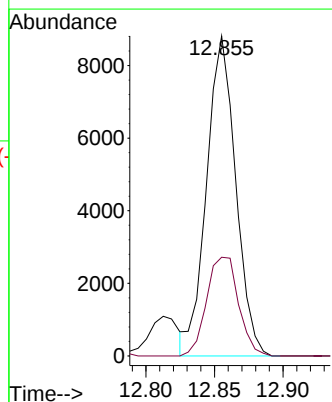
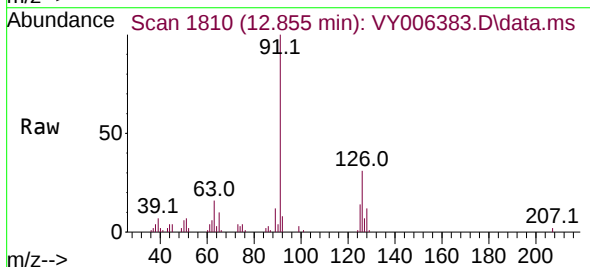
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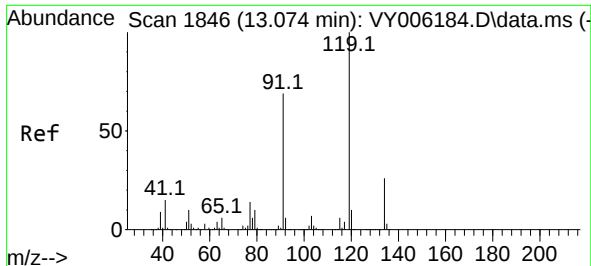
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#82
4-Chlorotoluene
Concen: 2.613 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY006383.D
Acq: 13 Oct 2021 13:22

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.9	17.0	51.0





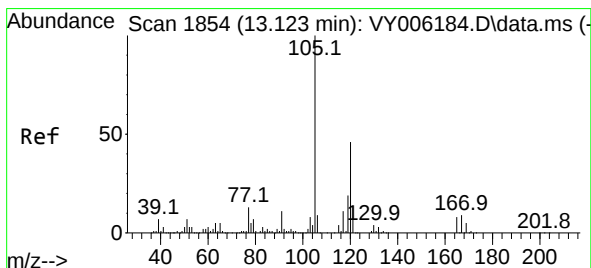
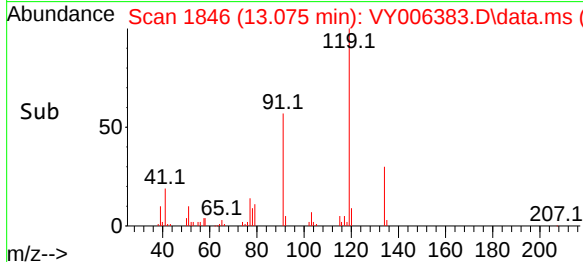
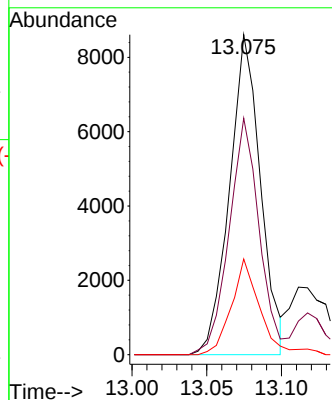
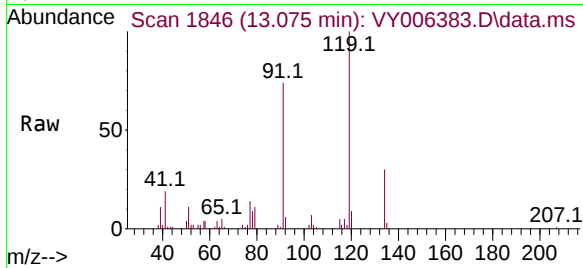
#83
tert-Butylbenzene
Concen: 2.457 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY006383.D
Acq: 13 Oct 2021 13:22

Tgt Ion:119 Resp: 12430
Ion Ratio Lower Upper
119 100
91 71.3 34.8 104.4
134 27.8 13.3 39.9

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

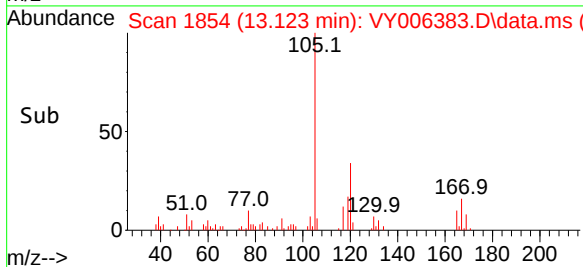
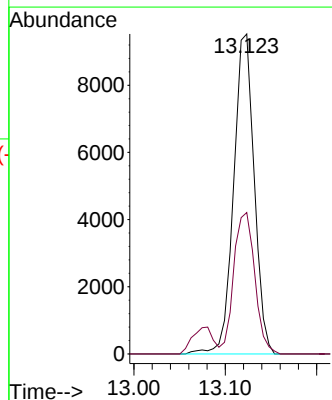
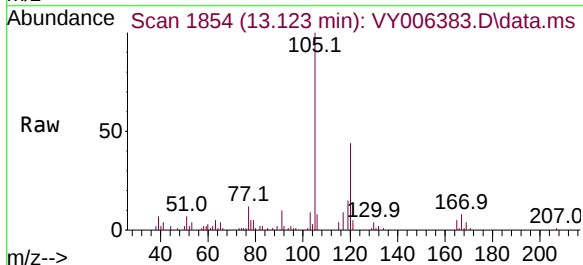
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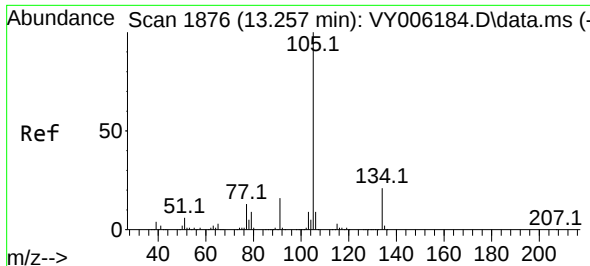
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#84
1,2,4-Trimethylbenzene
Concen: 2.551 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY006383.D
Acq: 13 Oct 2021 13:22

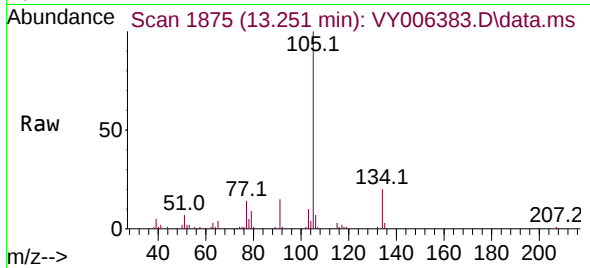
Tgt Ion:105 Resp: 14903
Ion Ratio Lower Upper
105 100
120 45.2 22.3 66.9





#85
 sec-Butylbenzene
 Concen: 2.553 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.006 min
 Lab File: VY006383.D
 Acq: 13 Oct 2021 13:22

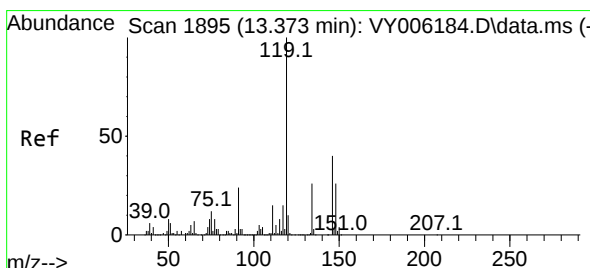
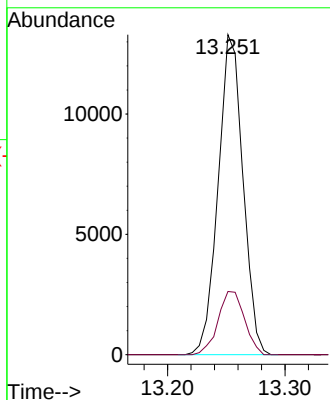
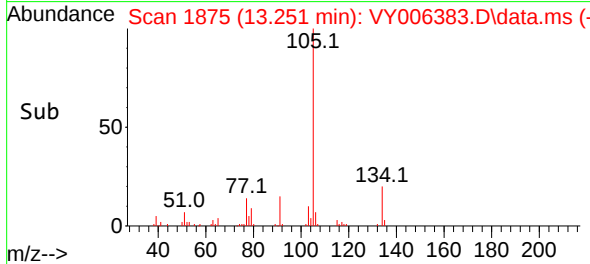
Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2021



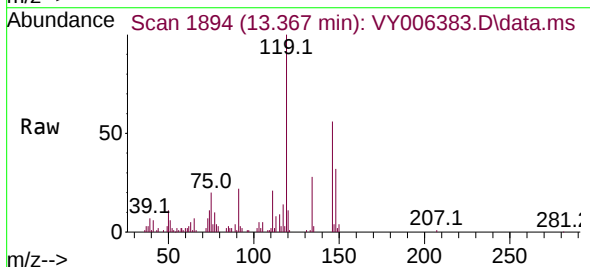
Tgt Ion:105 Resp: 19517
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.2 30.4

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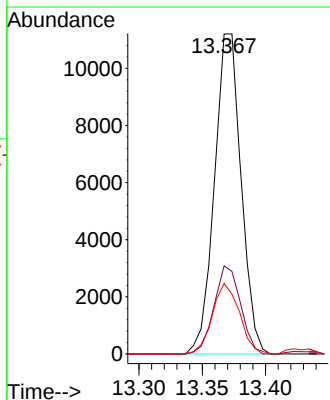
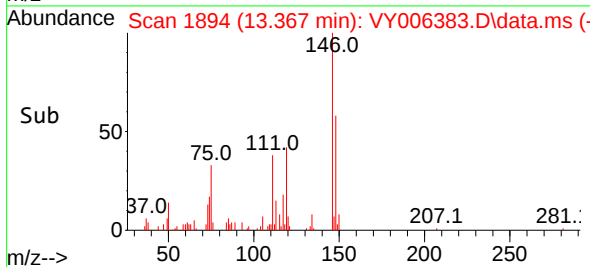
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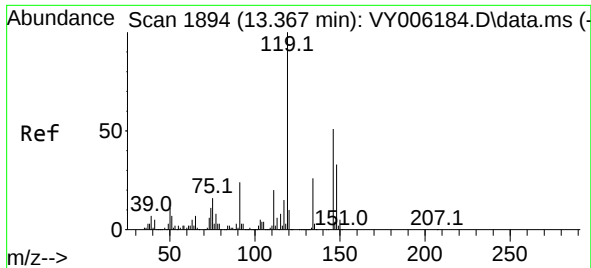


#86
 p-Isopropyltoluene
 Concen: 2.545 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.006 min
 Lab File: VY006383.D
 Acq: 13 Oct 2021 13:22



Tgt Ion:119 Resp: 16419
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.2 39.5
 91 22.4 12.4 37.2





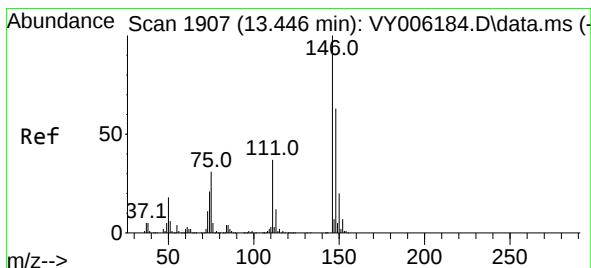
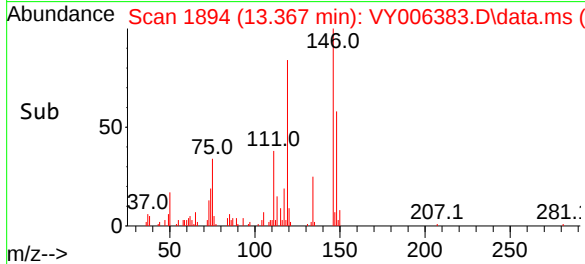
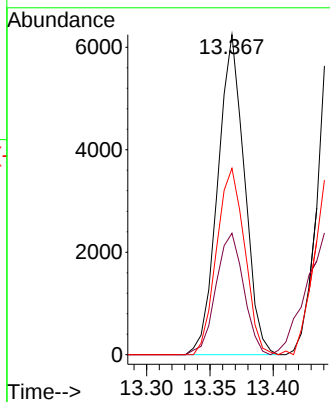
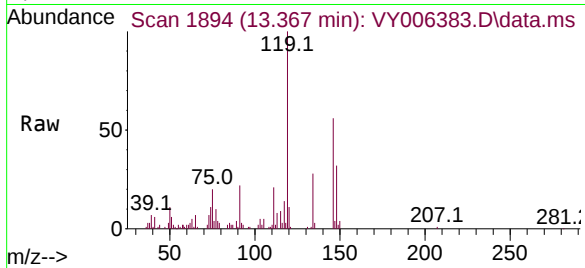
#87
1,3-Dichlorobenzene
Concen: 2.785 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY006383.D
Acq: 13 Oct 2021 13:22

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.5	58.5
148	61.2	31.6	95.0

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

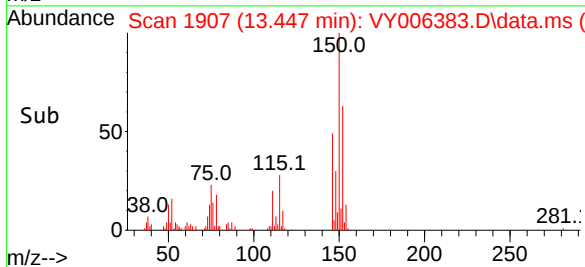
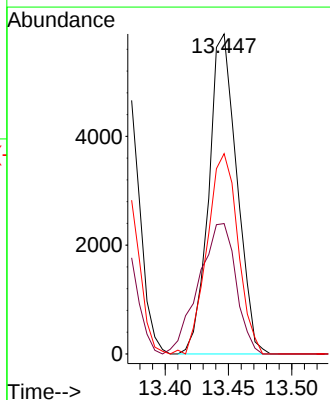
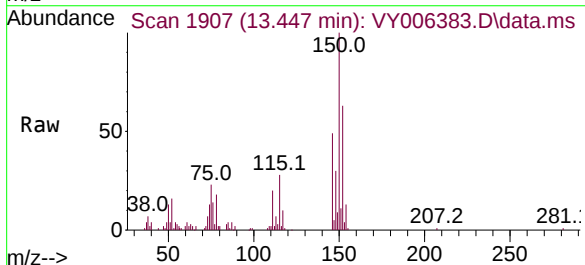
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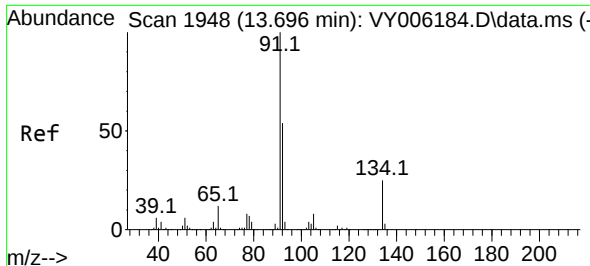
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#88
1,4-Dichlorobenzene
Concen: 2.802 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY006383.D
Acq: 13 Oct 2021 13:22

Tgt Ion	Ratio	Lower	Upper
146	100		
111	54.0	19.3	57.8
148	68.5	32.6	97.8





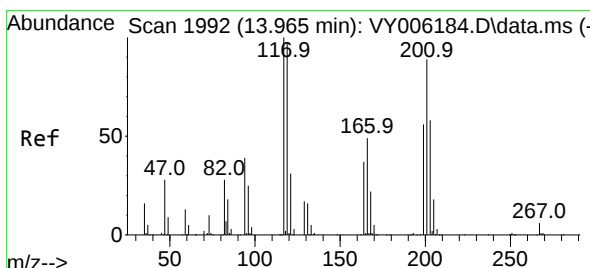
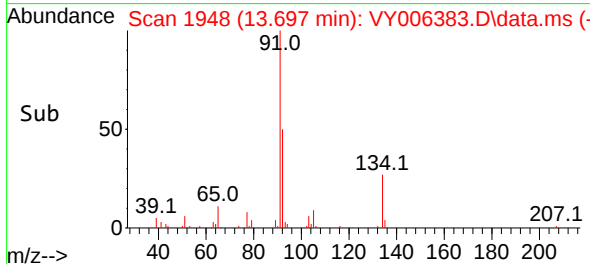
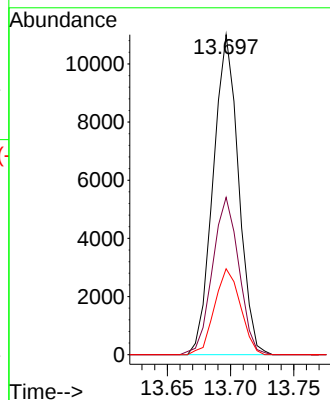
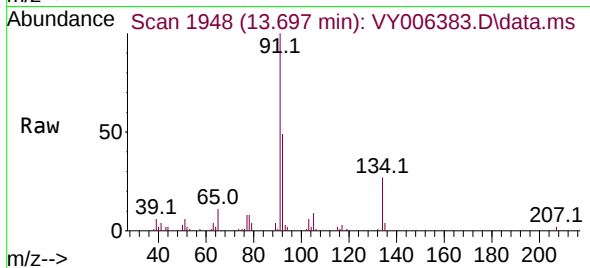
#89
n-Butylbenzene
Concen: 2.510 ug/l
RT: 13.697 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY006383.D
Acq: 13 Oct 2021 13:22

Tgt Ion:	91	Resp:	15385
Ion	Ratio	Lower	Upper
91	100		
92	51.0	26.3	78.9
134	27.4	13.0	38.9

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

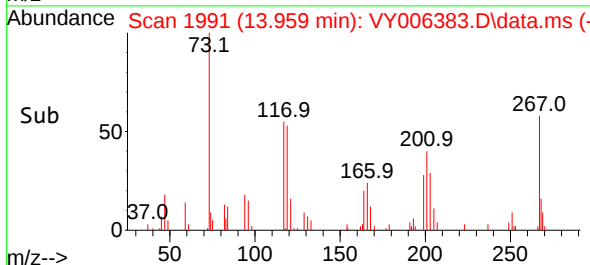
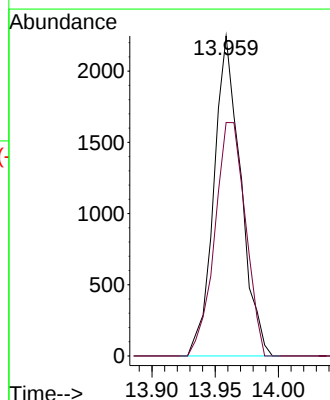
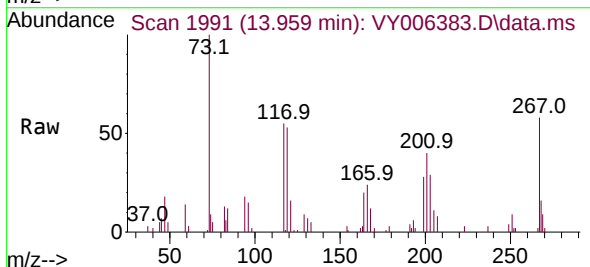
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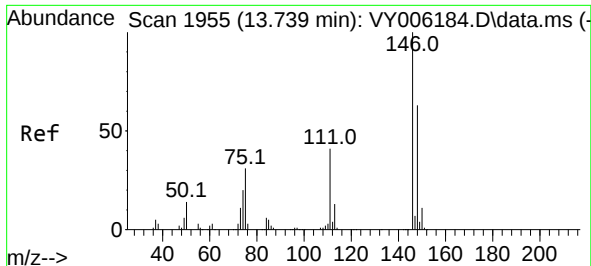
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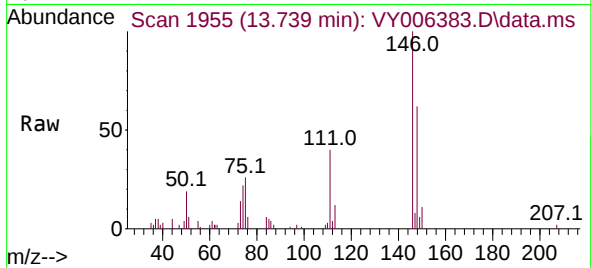
#90
Hexachloroethane
Concen: 2.825 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.006 min
Lab File: VY006383.D
Acq: 13 Oct 2021 13:22

Tgt Ion:	117	Resp:	3309
Ion	Ratio	Lower	Upper
117	100		
201	83.4	43.0	128.8





#91
1,2-Dichlorobenzene
Concen: 2.770 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY006383.D
Acq: 13 Oct 2021 13:22

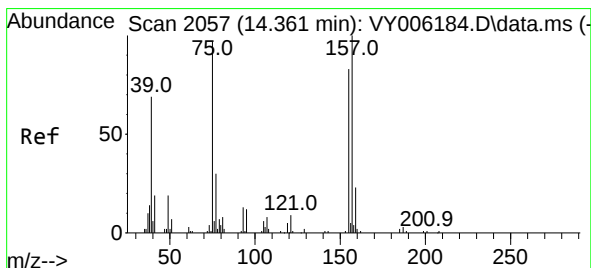
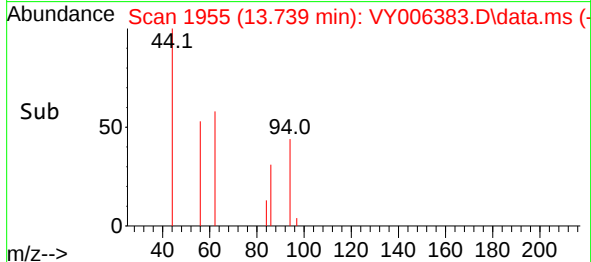
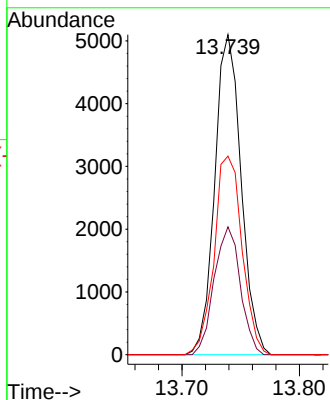


Tgt Ion:	146	Resp:	7962
Ion Ratio	Lower	Upper	
146	100		
111	39.6	20.3	60.9
148	65.6	32.3	96.9

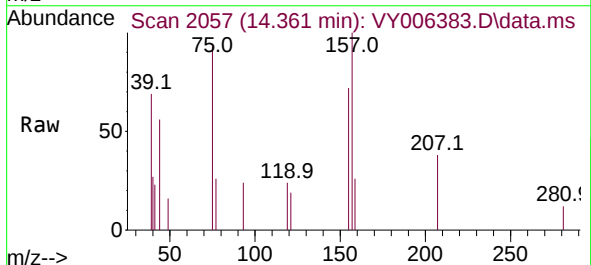
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

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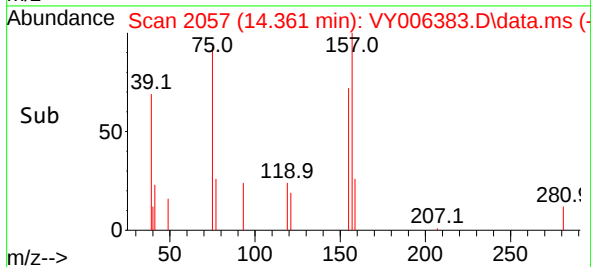
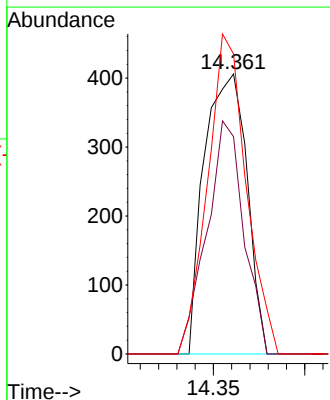
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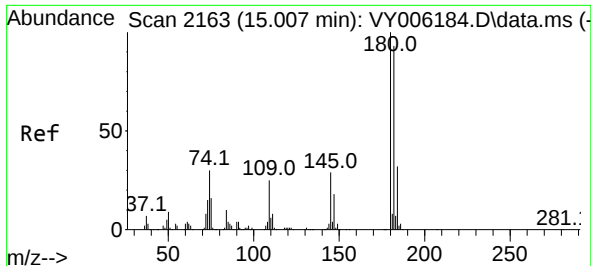


#92
1,2-Dibromo-3-Chloropropane
Concen: 2.707 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VY006383.D
Acq: 13 Oct 2021 13:22

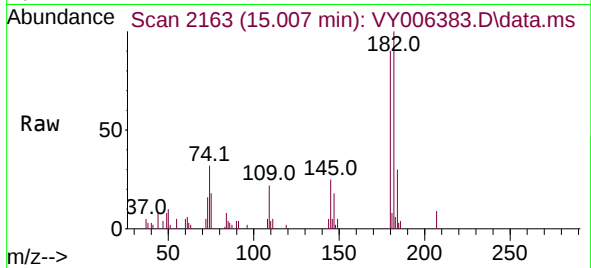


Tgt Ion:	75	Resp:	659
Ion Ratio	Lower	Upper	
75	100		
155	72.1	38.0	113.9
157	103.5	47.8	143.3

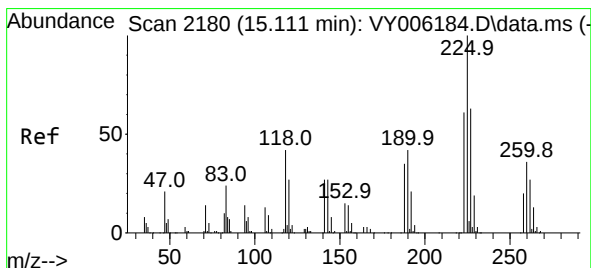
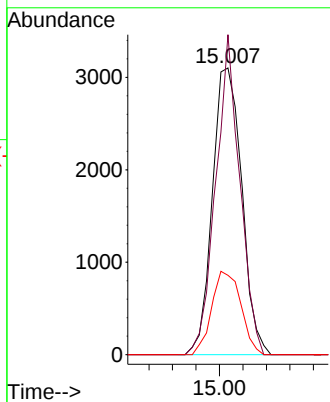
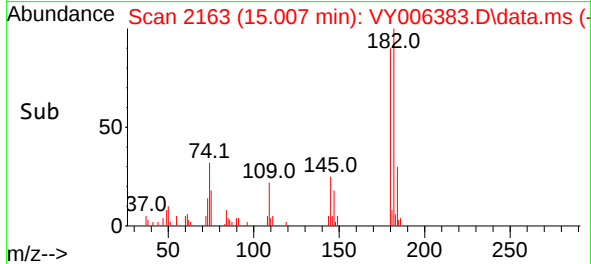




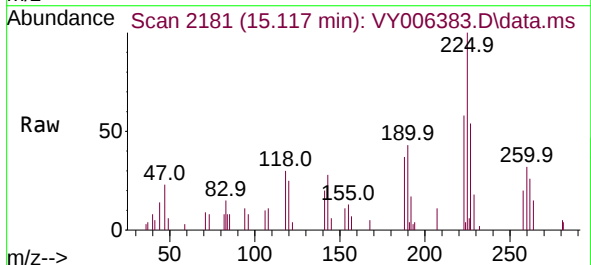
#93
1,2,4-Trichlorobenzene
Concen: 2.836 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY006383.D
Acq: 13 Oct 2021 13:22



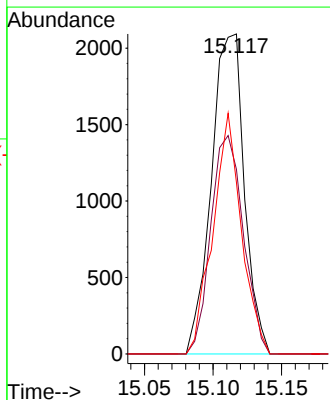
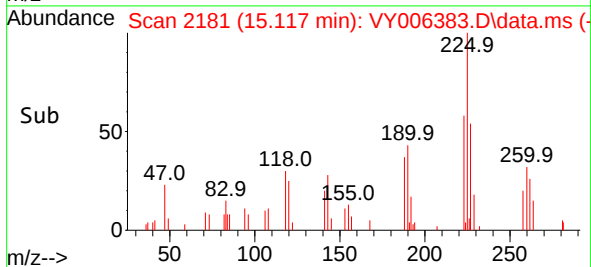
Tgt Ion:180 Resp: 5387
Ion Ratio Lower Upper
180 100
182 91.8 47.3 141.9
145 28.8 14.6 43.8



#94
Hexachlorobutadiene
Concen: 2.827 ug/l
RT: 15.117 min Scan# 2181
Delta R.T. 0.006 min
Lab File: VY006383.D
Acq: 13 Oct 2021 13:22



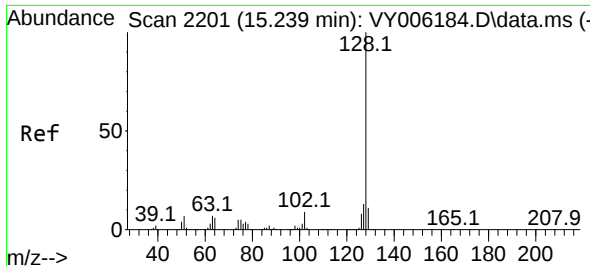
Tgt Ion:225 Resp: 3503
Ion Ratio Lower Upper
225 100
223 67.7 30.8 92.3
227 65.0 31.6 94.7



Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

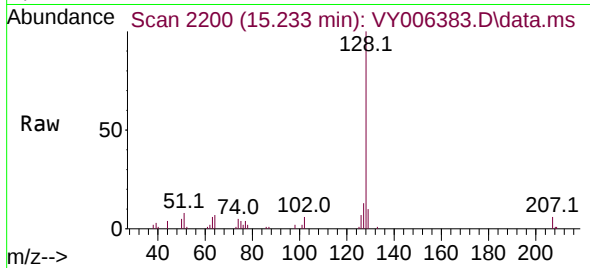
Manual Integrations
APPROVED

MMDadoda
10/18/2021 5:21:34 PM



#95
Naphthalene
Concen: 2.670 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.006 min
Lab File: VY006383.D
Acq: 13 Oct 2021 13:22

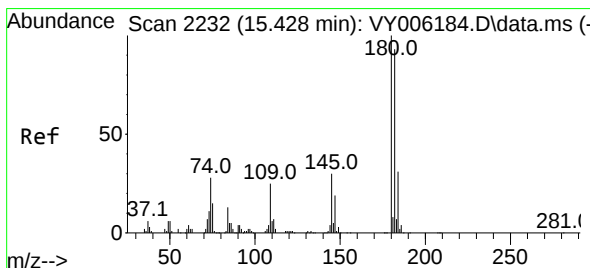
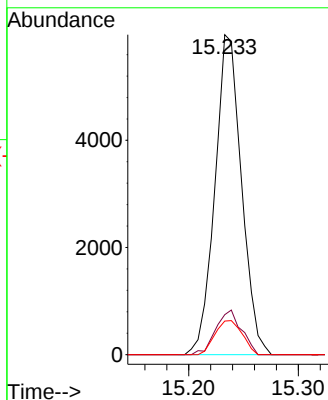
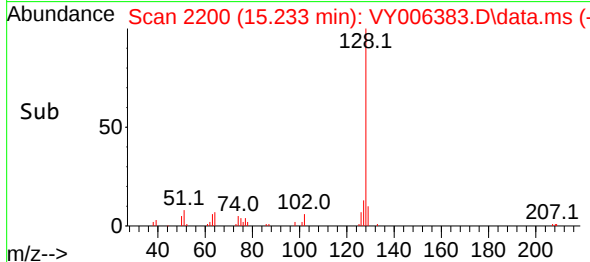
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



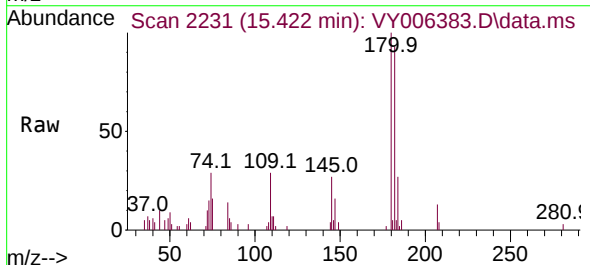
Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.5	11.0	16.4
129	10.9	8.4	12.6

Manual Integrations
APPROVED

MMDadoda
10/18/2021 5:21:34 PM



#96
1,2,3-Trichlorobenzene
Concen: 3.004 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.006 min
Lab File: VY006383.D
Acq: 13 Oct 2021 13:22



Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.5	47.3	141.9
145	28.9	15.3	45.9

