

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101321\
 Data File : VY006384.D
 Acq On : 13 Oct 2021 13:45
 Operator : SY/MD
 Sample : M4068-01 4PPBLOD
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: Oct 14 07:32:57 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	7.801	168	132818	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	206022	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	191420	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	98056	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	71671	50.418	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.840%
35) Dibromofluoromethane	7.722	113	52145	47.375	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.740%
50) Toluene-d8	10.185	98	215864	46.860	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.720%
62) 4-Bromofluorobenzene	12.483	95	71765	45.858	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	5660	4.201	ug/l	100
3) Chloromethane	2.119	50	7869	5.015	ug/l	97
4) Vinyl Chloride	2.259	62	8026	4.615	ug/l	95
5) Bromomethane	2.656	94	6097	5.394	ug/l	94
6) Chloroethane	2.802	64	4829	4.719	ug/l	98
7) Trichlorofluoromethane	3.137	101	10099	4.409	ug/l	96
8) Diethyl Ether	3.540	74	3323	4.392	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.905	101	5279	4.317	ug/l	97
10) Methyl Iodide	4.100	142	4528	3.398	ug/l	93
11) Tert butyl alcohol	4.960	59	2713	21.818	ug/l #	77
12) 1,1-Dichloroethene	3.887	96	5211	4.189	ug/l #	85
13) Acrolein	3.741	56	1504	18.993	ug/l	98
14) Allyl chloride	4.485	41	9751	4.076	ug/l	98
15) Acrylonitrile	5.180	53	8745	21.975	ug/l #	88
16) Acetone	3.960	43	8168	20.572	ug/l	95
17) Carbon Disulfide	4.204	76	17740	4.264	ug/l	95
18) Methyl Acetate	4.485	43	6157	4.599	ug/l	96
19) Methyl tert-butyl Ether	5.234	73	15713	4.325	ug/l	95
20) Methylene Chloride	4.722	84	8358	5.409	ug/l	84
21) trans-1,2-Dichloroethene	5.228	96	5631	4.083	ug/l	96
22) Diisopropyl ether	6.131	45	19281	4.074	ug/l #	93
23) Vinyl Acetate	6.070	43	53760	18.951	ug/l	98
24) 1,1-Dichloroethane	6.033	63	10659	4.195	ug/l	99
25) 2-Butanone	6.996	43	10952	19.802	ug/l	98
26) 2,2-Dichloropropane	6.990	77	10121	4.356	ug/l	96
27) cis-1,2-Dichloroethene	6.990	96	6568	4.252	ug/l	98
28) Bromochloromethane	7.344	49	4502	4.256	ug/l #	88
29) Tetrahydrofuran	7.356	42	7232	20.702	ug/l	97
30) Chloroform	7.508	83	11095	4.378	ug/l	99
31) Cyclohexane	7.789	56	12993	4.824	ug/l #	70
32) 1,1,1-Trichloroethane	7.710	97	10343	4.420	ug/l	99
36) 1,1-Dichloropropene	7.929	75	8715	4.252	ug/l	99
37) Ethyl Acetate	7.082	43	4735	3.965	ug/l #	81
38) Carbon Tetrachloride	7.905	117	9530	4.403	ug/l	98
39) Methylcyclohexane	9.185	83	10734	4.169	ug/l	97
40) Benzene	8.167	78	24839	4.271	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.325	41	3355m	4.331	ug/l	
42) 1,2-Dichloroethane	8.246	62	8849	4.723	ug/l	95
43) Isopropyl Acetate	8.277	43	9514	4.154	ug/l #	94
44) Trichloroethene	8.947	130	6415	4.271	ug/l	98
45) 1,2-Dichloropropane	9.215	63	6097	4.259	ug/l	99
46) Dibromomethane	9.307	93	3374	4.426	ug/l	99
47) Bromodichloromethane	9.502	83	8312	4.235	ug/l #	99
48) Methyl methacrylate	9.301	41	4228	3.848	ug/l	95
49) 1,4-Dioxane	9.301	88	638	64.145	ug/l #	89
51) 4-Methyl-2-Pentanone	10.075	43	23638	19.877	ug/l	97
52) Toluene	10.246	92	15454	4.284	ug/l	98
53) t-1,3-Dichloropropene	10.471	75	9248	4.321	ug/l	91
54) cis-1,3-Dichloropropene	9.935	75	9648	4.101	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	4545	4.237	ug/l	96
56) Ethyl methacrylate	10.514	69	6383	3.915	ug/l	95
57) 1,3-Dichloropropane	10.794	76	7946	4.094	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.788	63	16897	21.151	ug/l	96
59) 2-Hexanone	10.837	43	16267	19.206	ug/l	96
60) Dibromochloromethane	10.983	129	5622	4.314	ug/l	99
61) 1,2-Dibromoethane	11.087	107	4223	4.158	ug/l	100
64) Tetrachloroethene	10.727	164	7603	4.932	ug/l #	86
65) Chlorobenzene	11.514	112	16143	4.256	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.593	131	5922	4.237	ug/l	96
67) Ethyl Benzene	11.593	91	28878	4.039	ug/l	100
68) m/p-Xylenes	11.703	106	21820	8.043	ug/l	95
69) o-Xylene	12.032	106	10305	4.022	ug/l	98
70) Styrene	12.044	104	17680	4.063	ug/l	96
71) Bromoform	12.209	173	3541	4.074	ug/l #	93
73) Isopropylbenzene	12.331	105	27112	3.860	ug/l	99
74) N-amyl acetate	12.142	43	7880	3.615	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	4755	3.748	ug/l	95
76) 1,2,3-Trichloropropane	12.636	75	4373m	4.588	ug/l	
77) Bromobenzene	12.611	156	6894	4.186	ug/l	94
78) n-propylbenzene	12.672	91	34224	3.958	ug/l	98
79) 2-Chlorotoluene	12.757	91	19372	4.049	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	23058	3.926	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.379	75	1915	3.949	ug/l	99
82) 4-Chlorotoluene	12.855	91	20115	4.065	ug/l	99
83) tert-Butylbenzene	13.074	119	19992	3.982	ug/l	96
84) 1,2,4-Trimethylbenzene	13.123	105	22854	3.941	ug/l	98
85) sec-Butylbenzene	13.251	105	30093	3.966	ug/l	98
86) p-Isopropyltoluene	13.367	119	24585	3.839	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	13832	4.239	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	14086	4.378	ug/l	94
89) n-Butylbenzene	13.696	91	23381	3.843	ug/l	98
90) Hexachloroethane	13.965	117	5030	4.326	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	12145	4.257	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.355	75	1127	4.663	ug/l	89
93) 1,2,4-Trichlorobenzene	15.007	180	7992	4.239	ug/l	99
94) Hexachlorobutadiene	15.111	225	5630	4.577	ug/l	98
95) Naphthalene	15.233	128	14206	3.793	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	7104	4.251	ug/l	99

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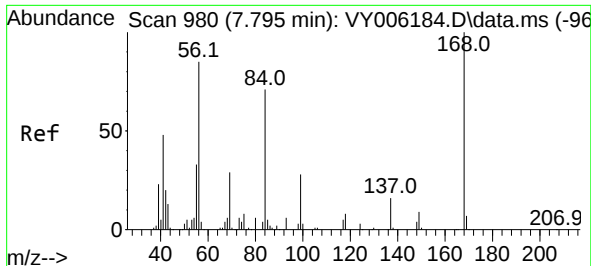
Manual Integrations
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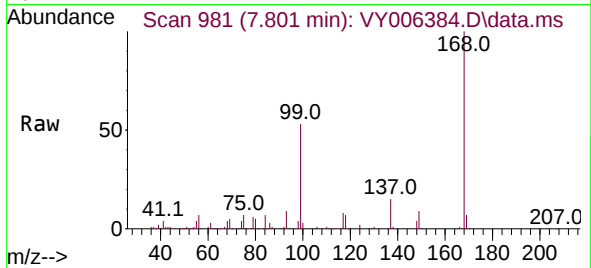
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY006384.D
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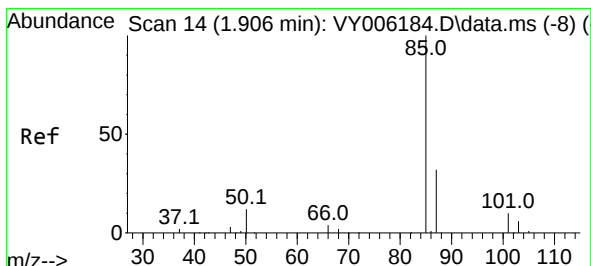
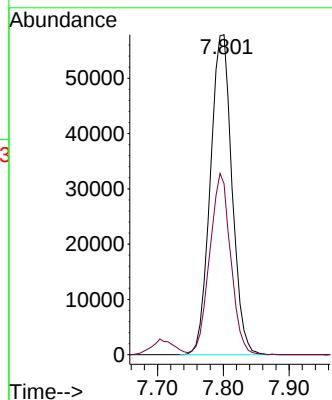
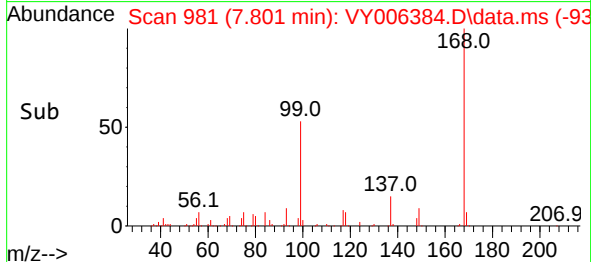
Instrument :
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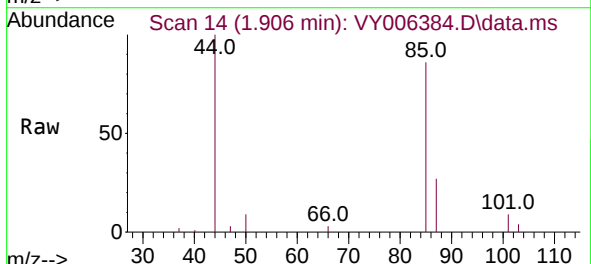
Tgt Ion:168 Resp: 132818
Ion Ratio Lower Upper
168 100
99 53.4 46.9 70.3

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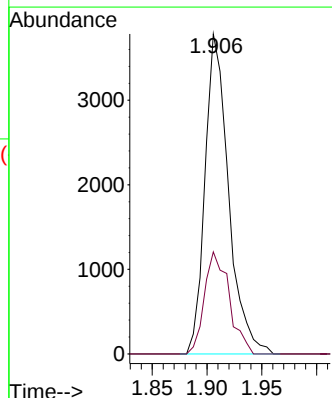
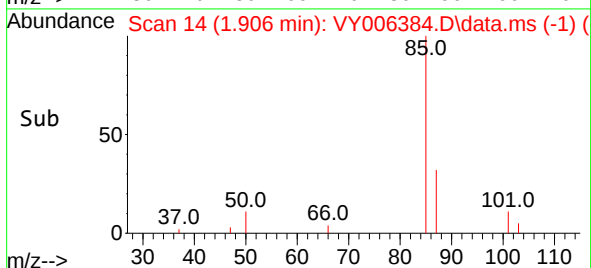
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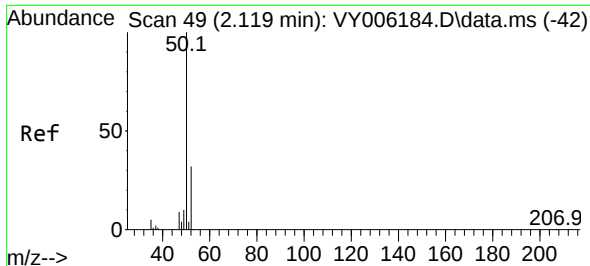


#2
Dichlorodifluoromethane
Concen: 4.201 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY006384.D
Acq: 13 Oct 2021 13:45



Tgt Ion: 85 Resp: 5660
Ion Ratio Lower Upper
85 100
87 31.9 16.1 48.2





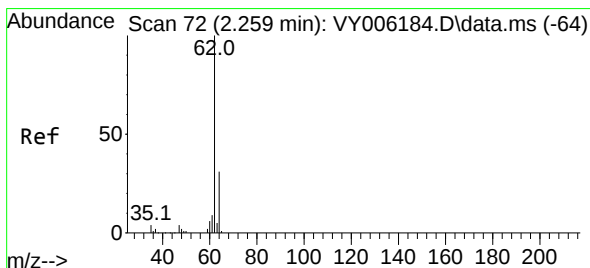
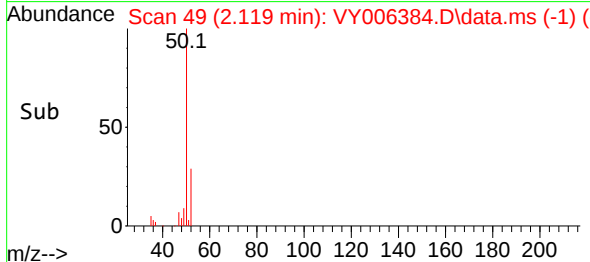
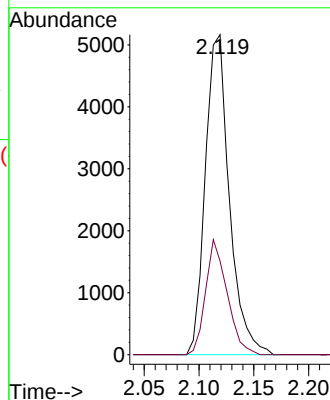
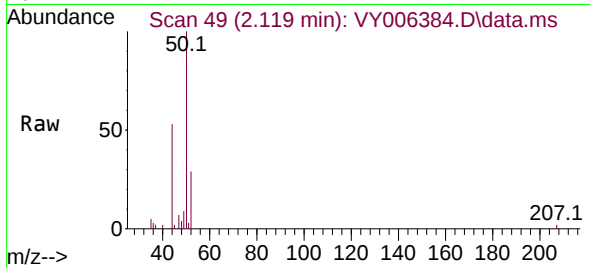
#3
Chloromethane
Concen: 5.015 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY006384.D
Acq: 13 Oct 2021 13:45

Tgt Ion: 50 Resp: 7869
Ion Ratio Lower Upper
50 100
52 29.3 24.6 37.0

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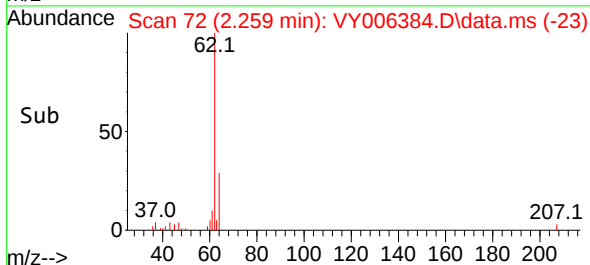
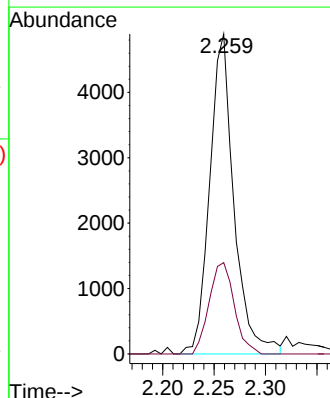
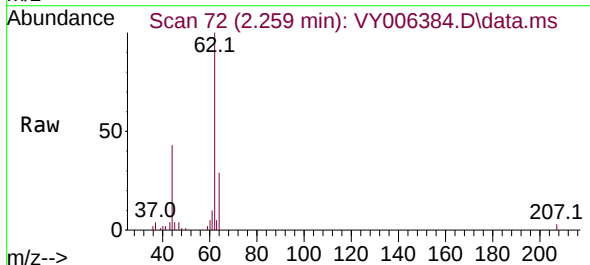
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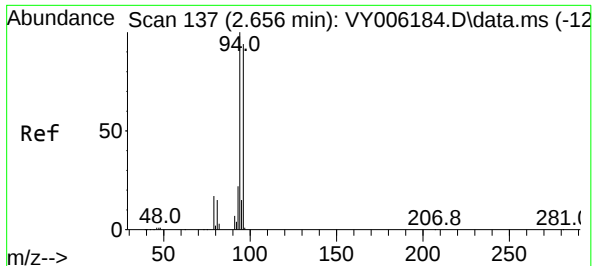
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#4
Vinyl Chloride
Concen: 4.615 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.000 min
Lab File: VY006384.D
Acq: 13 Oct 2021 13:45

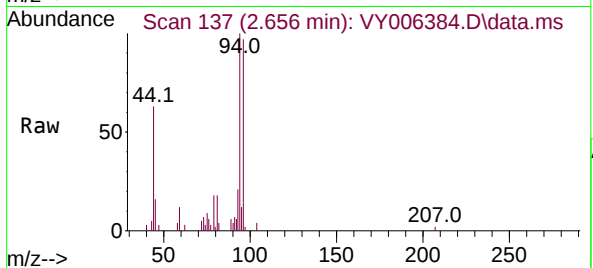
Tgt Ion: 62 Resp: 8026
Ion Ratio Lower Upper
62 100
64 28.5 25.0 37.6





#5
Bromomethane
Concen: 5.394 ug/l
RT: 2.656 min Scan# 137
Delta R.T. -0.000 min
Lab File: VY006384.D
Acq: 13 Oct 2021 13:45

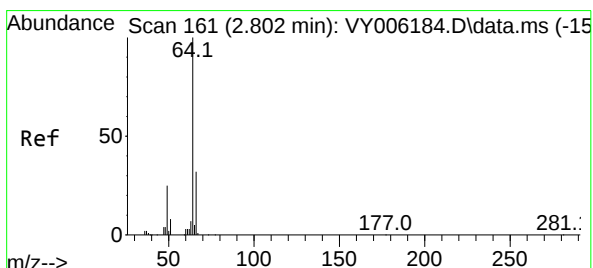
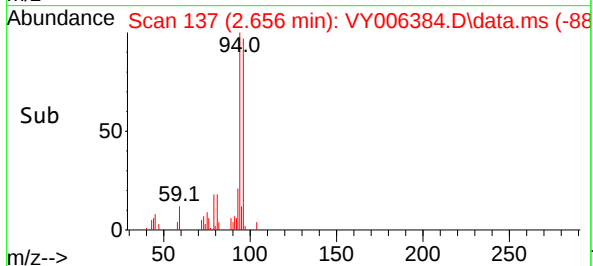
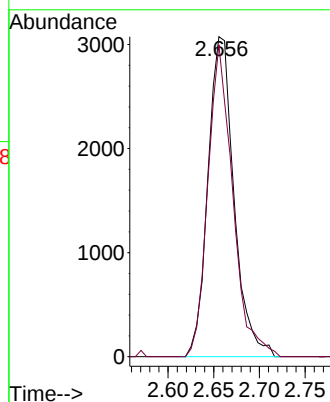
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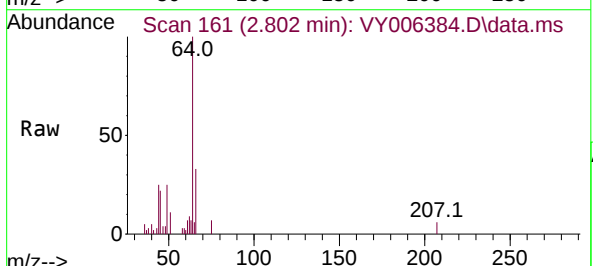
Tgt Ion: 94 Resp: 6097
Ion Ratio Lower Upper
94 100
96 97.5 73.5 110.3

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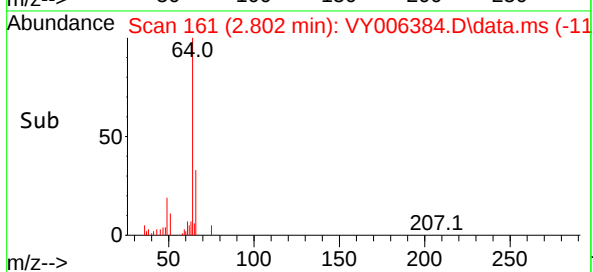
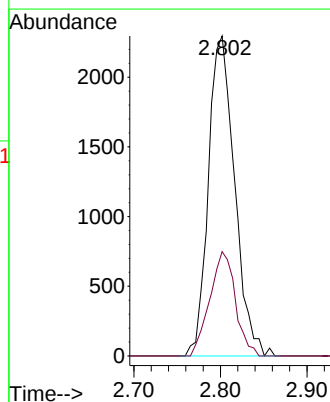
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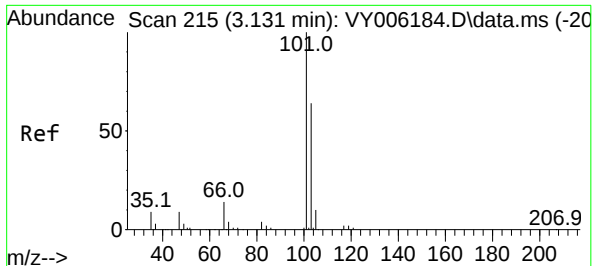


#6
Chloroethane
Concen: 4.719 ug/l
RT: 2.802 min Scan# 161
Delta R.T. -0.000 min
Lab File: VY006384.D
Acq: 13 Oct 2021 13:45



Tgt Ion: 64 Resp: 4829
Ion Ratio Lower Upper
64 100
66 32.6 25.4 38.0





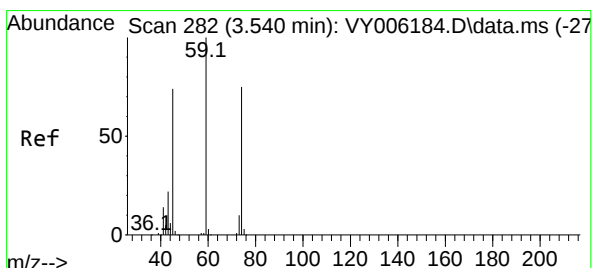
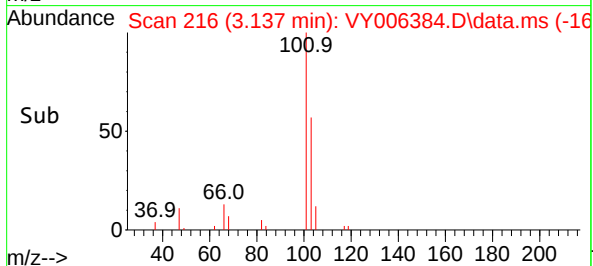
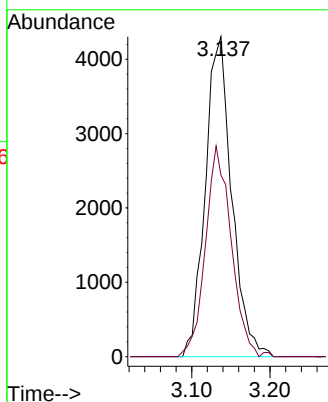
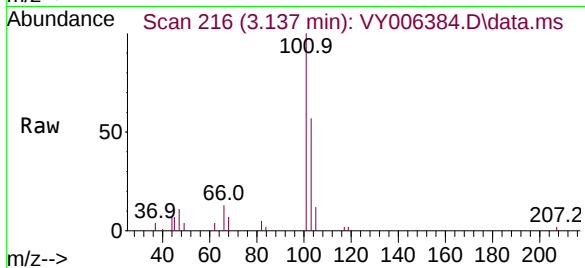
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Trichlorofluoromethane
Concen: 4.409 ug/l
RT: 3.137 min Scan# 216
Delta R.T. 0.006 min
Lab File: VY006384.D
Acq: 13 Oct 2021 13:45

Tgt Ion:101 Resp: 10099
Ion Ratio Lower Upper
101 100
103 56.7 48.0 72.0

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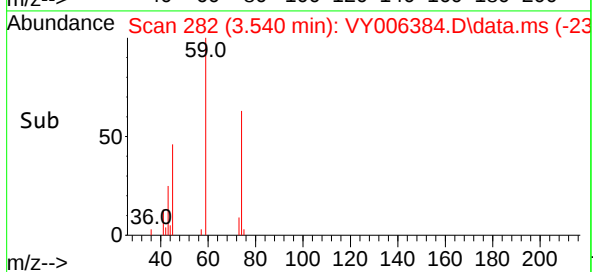
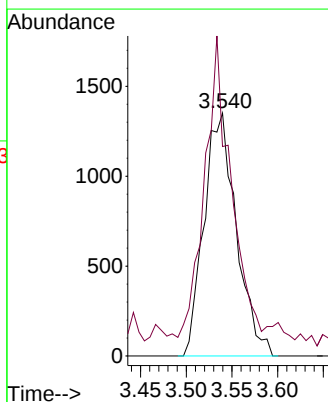
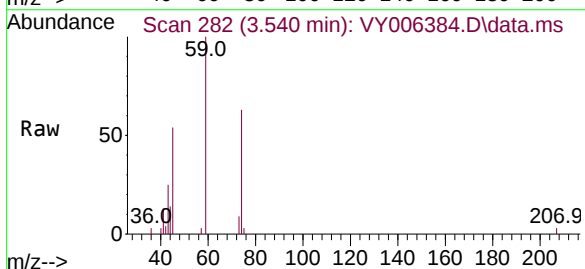
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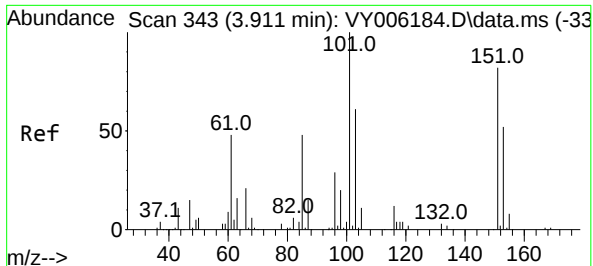
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#8
Diethyl Ether
Concen: 4.392 ug/l
RT: 3.540 min Scan# 282
Delta R.T. -0.000 min
Lab File: VY006384.D
Acq: 13 Oct 2021 13:45

Tgt Ion: 74 Resp: 3323
Ion Ratio Lower Upper
74 100
45 100.4 55.1 165.5





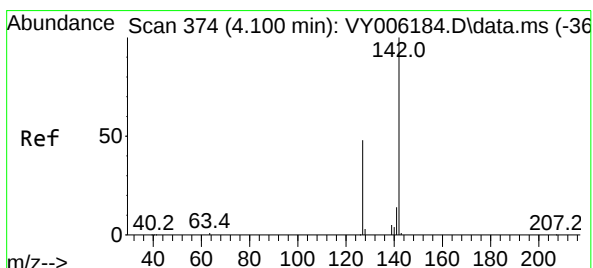
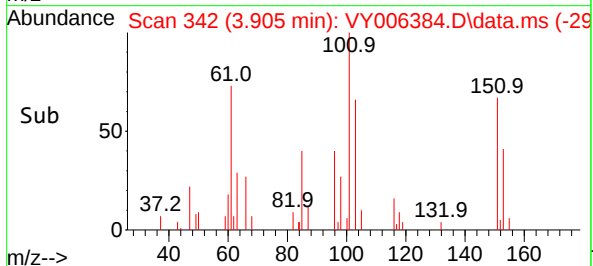
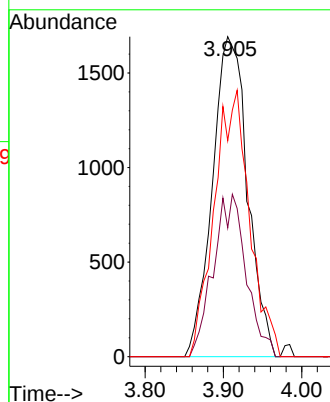
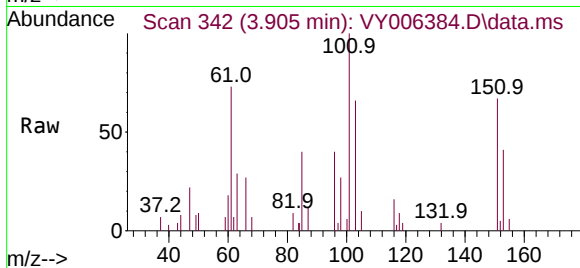
#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.317 ug/l
RT: 3.905 min Scan# 342
Delta R.T. -0.006 min
Lab File: VY006384.D
Acq: 13 Oct 2021 13:45

Tgt Ion:101	Resp:	5279
Ion Ratio	Lower	Upper
101	100	
85	47.4	40.6 60.8
151	83.5	64.9 97.3

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

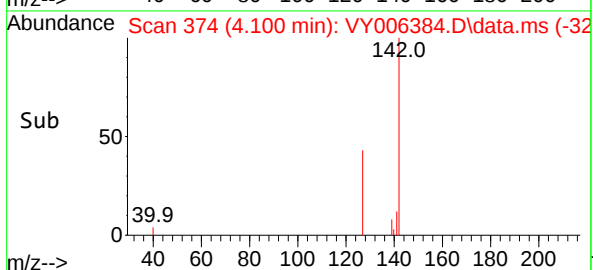
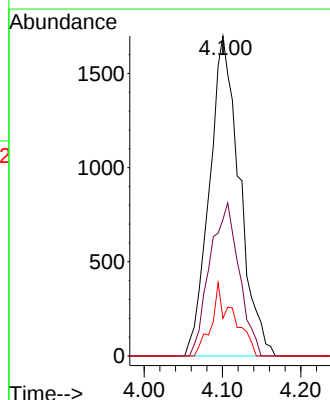
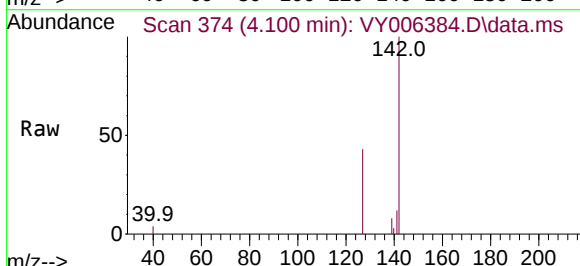
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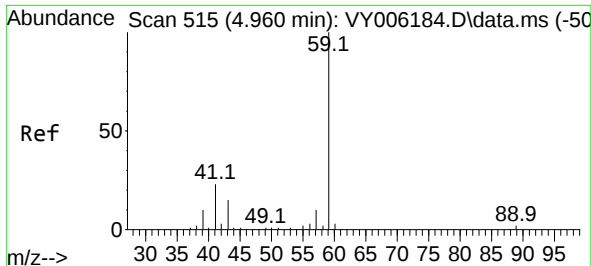
MMDadoda
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#10
Methyl Iodide
Concen: 3.398 ug/l
RT: 4.100 min Scan# 374
Delta R.T. 0.000 min
Lab File: VY006384.D
Acq: 13 Oct 2021 13:45

Tgt Ion:142	Resp:	4528
Ion Ratio	Lower	Upper
142	100	
127	46.7	41.5 62.3
141	16.7	11.9 17.9





#11

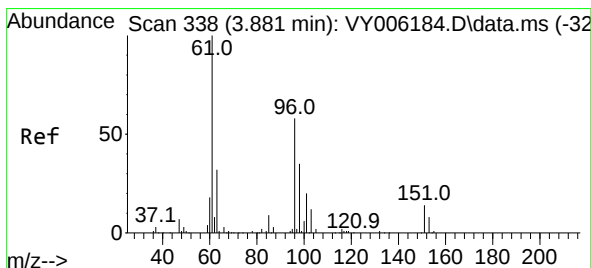
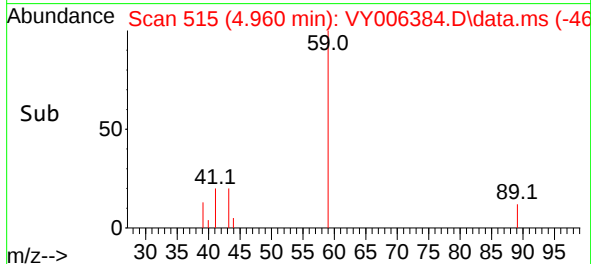
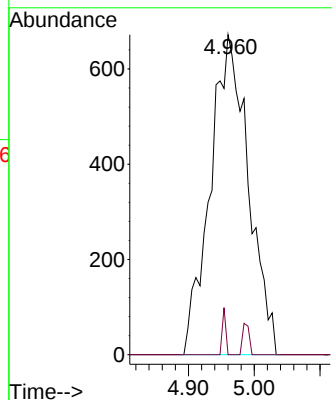
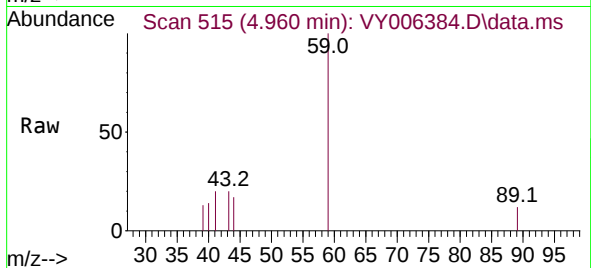
Tert butyl alcohol
Concen: 21.818 ug/l
RT: 4.960 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY006384.D
Acq: 13 Oct 2021 13:45

Tgt Ion	Ratio	Lower	Upper
59	100		
57	0.0	6.4	9.6#

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

Manual Integrations
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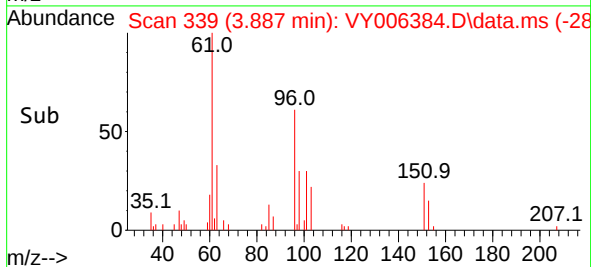
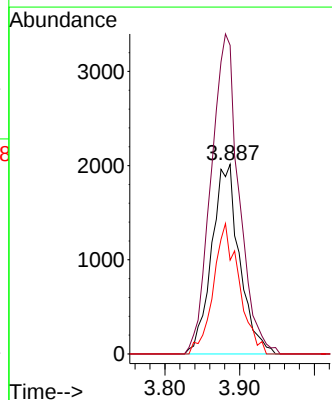
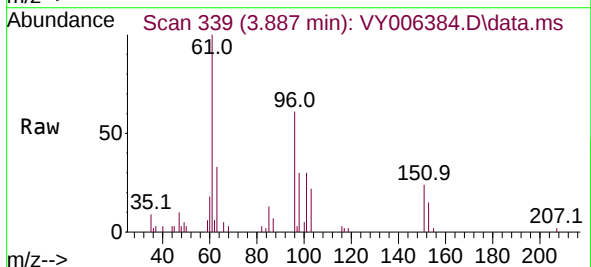
MMDadoda
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#12

1,1-Dichloroethene
Concen: 4.189 ug/l
RT: 3.887 min Scan# 339
Delta R.T. 0.006 min
Lab File: VY006384.D
Acq: 13 Oct 2021 13:45

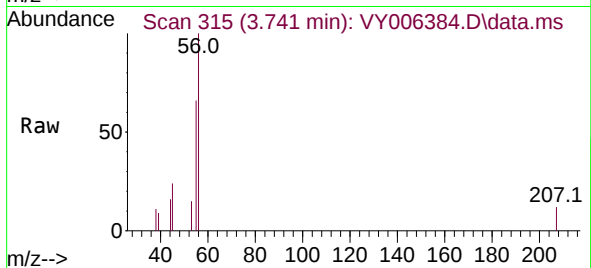
Tgt Ion	Ratio	Lower	Upper
96	100		
61	162.8	145.8	218.6
98	49.4	52.5	78.7#





#13
Acrolein
Concen: 18.993 ug/l
RT: 3.741 min Scan# 315
Delta R.T. 0.006 min
Lab File: VY006384.D
Acq: 13 Oct 2021 13:45

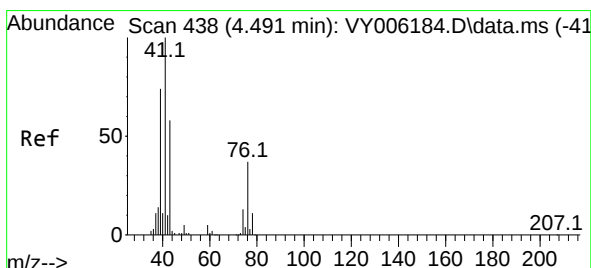
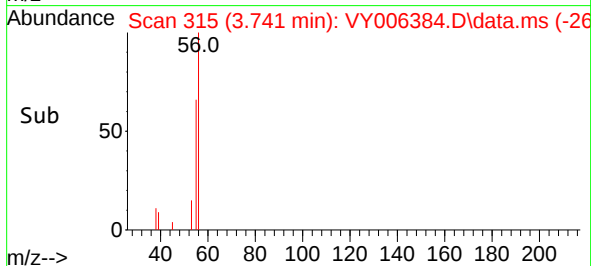
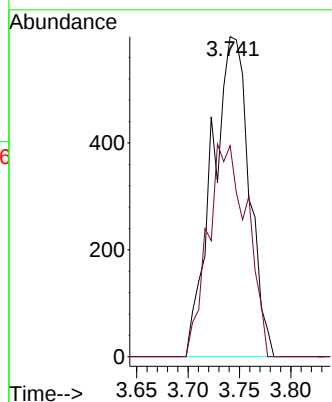
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



Tgt Ion: 56 Resp: 1504
Ion Ratio Lower Upper
56 100
55 70.3 57.6 86.4

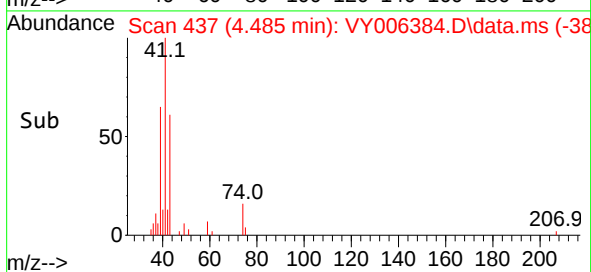
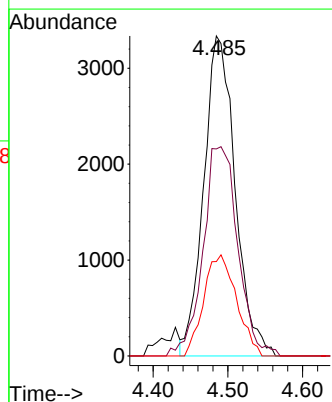
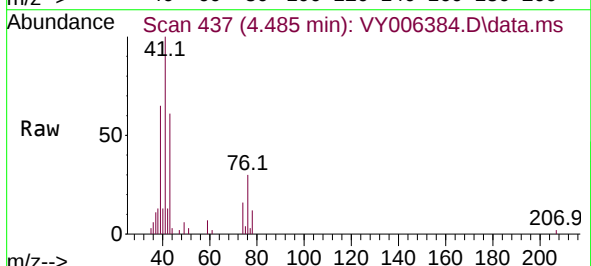
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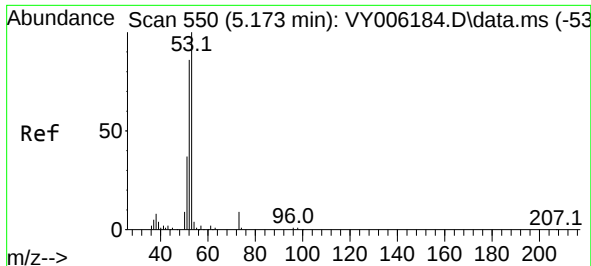
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#14
Allyl chloride
Concen: 4.076 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY006384.D
Acq: 13 Oct 2021 13:45

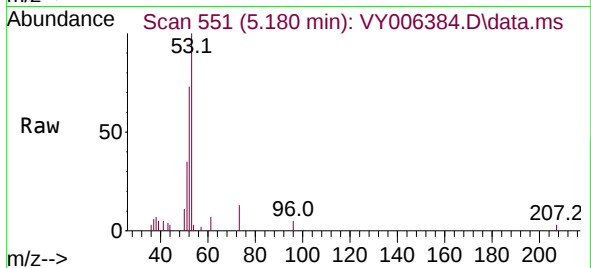
Tgt Ion: 41 Resp: 9751
Ion Ratio Lower Upper
41 100
39 72.5 58.8 88.2
76 33.0 25.1 37.7





#15
Acrylonitrile
Concen: 21.975 ug/l
RT: 5.180 min Scan# 551
Delta R.T. 0.007 min
Lab File: VY006384.D
Acq: 13 Oct 2021 13:45

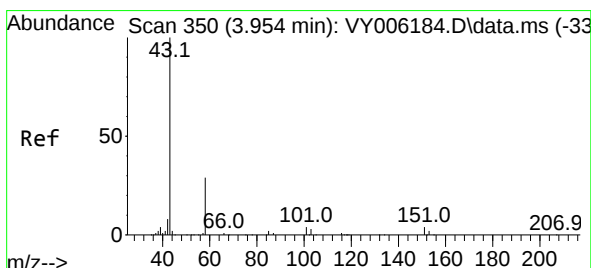
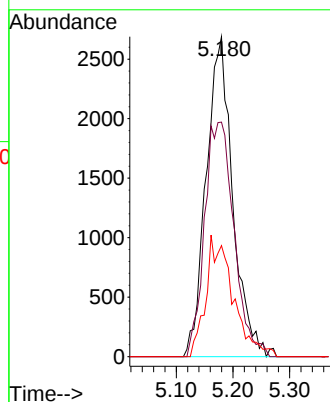
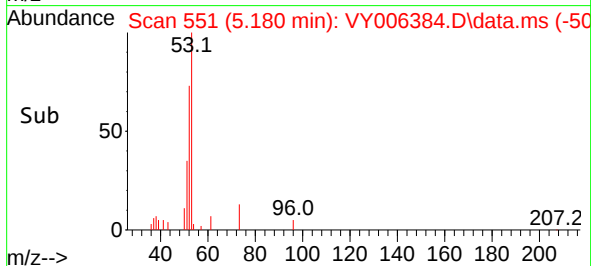
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



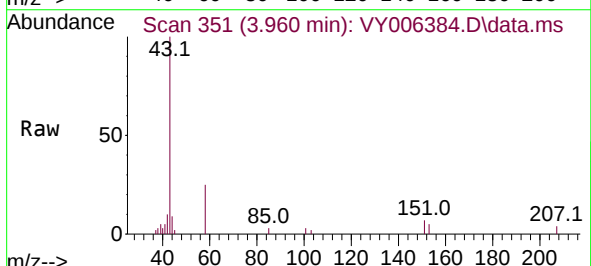
Tgt Ion	Ratio	Lower	Upper
53	100		
52	81.3	67.0	100.4
51	17.8	29.8	44.6#

Manual Integrations
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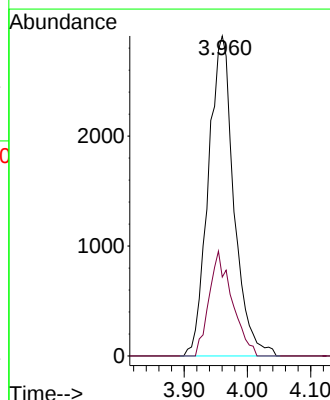
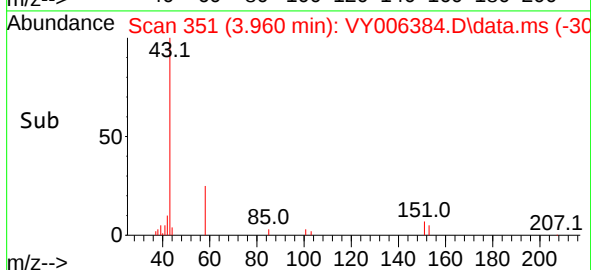
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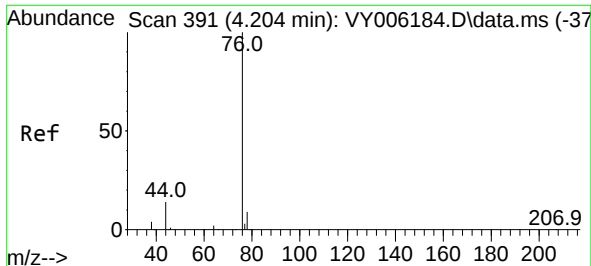


#16
Acetone
Concen: 20.572 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY006384.D
Acq: 13 Oct 2021 13:45



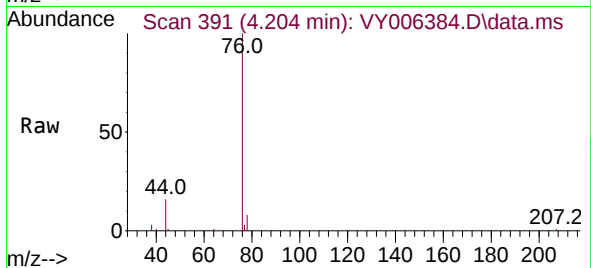
Tgt Ion	Ratio	Lower	Upper
43	100		
58	24.7	22.0	33.0



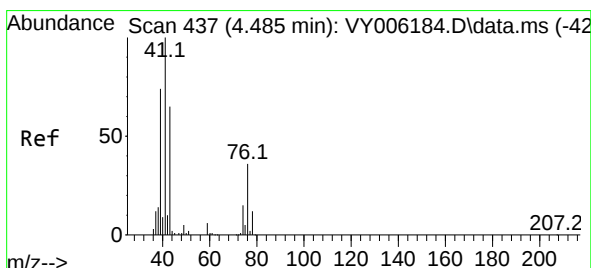
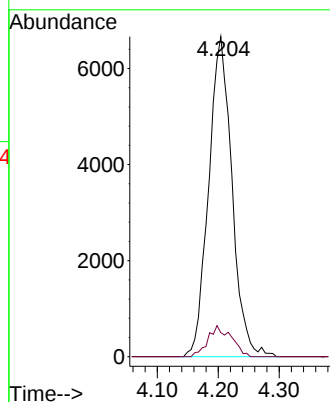
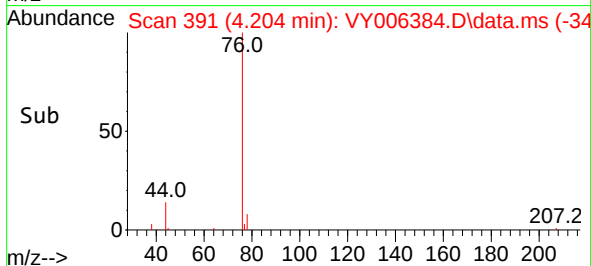


#17
Carbon Disulfide
Concen: 4.264 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY006384.D
Acq: 13 Oct 2021 13:45

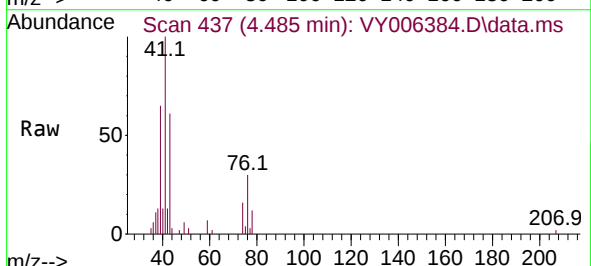
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



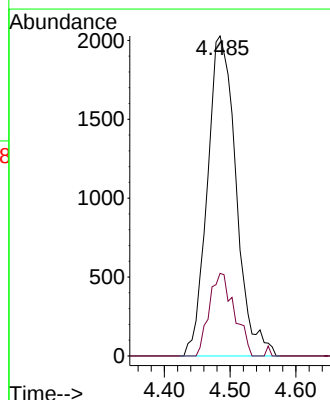
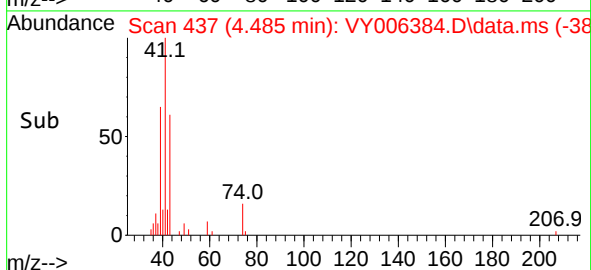
Tgt Ion: 76 Resp: 17740
Ion Ratio Lower Upper
76 100
78 7.5 7.4 11.0

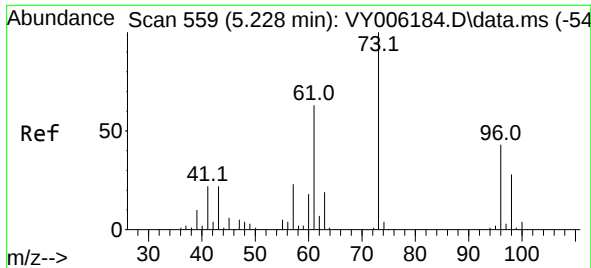


#18
Methyl Acetate
Concen: 4.599 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY006384.D
Acq: 13 Oct 2021 13:45



Tgt Ion: 43 Resp: 6157
Ion Ratio Lower Upper
43 100
74 22.6 16.6 24.8





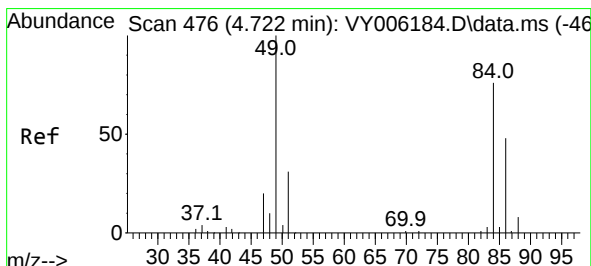
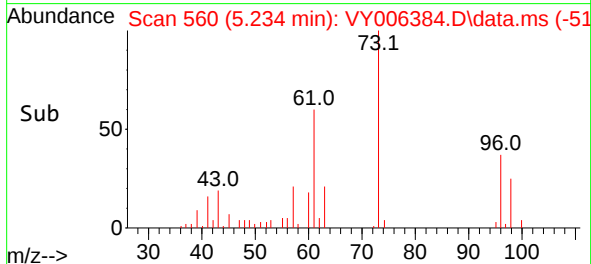
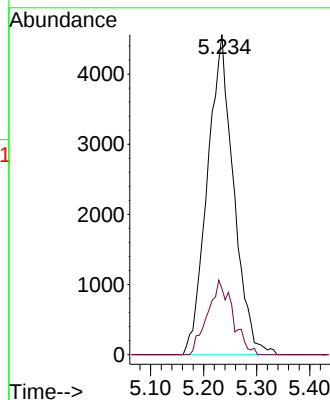
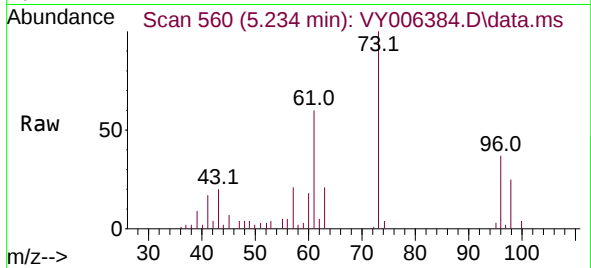
#19
Methyl tert-butyl Ether
Concen: 4.325 ug/l
RT: 5.234 min Scan# 560
Delta R.T. 0.006 min
Lab File: VY006384.D
Acq: 13 Oct 2021 13:45

Tgt Ion: 73 Resp: 15713
Ion Ratio Lower Upper
73 100
57 20.6 18.6 27.8

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

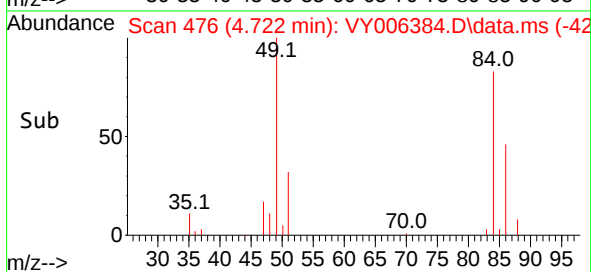
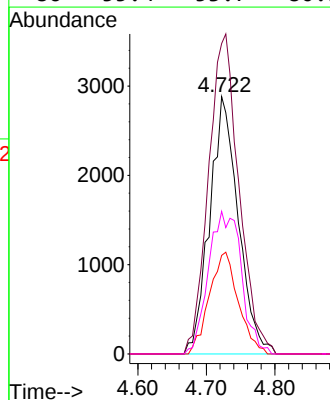
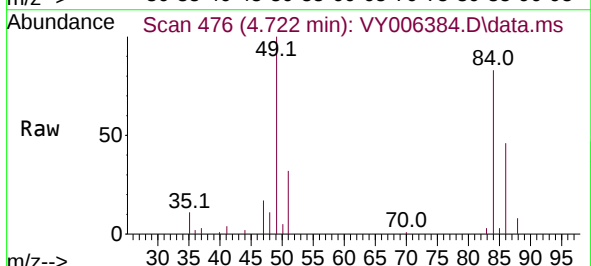
Manual Integrations
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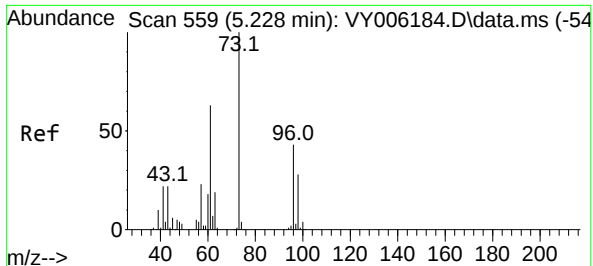
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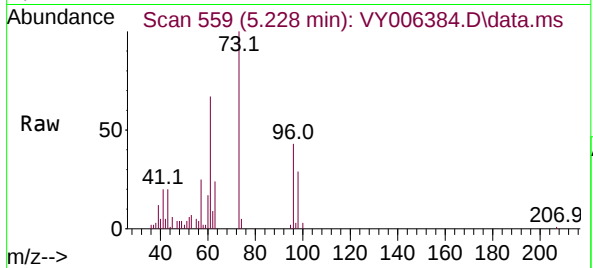
#20
Methylene Chloride
Concen: 5.409 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY006384.D
Acq: 13 Oct 2021 13:45

Tgt Ion: 84 Resp: 8358
Ion Ratio Lower Upper
84 100
49 120.7 114.4 171.6
51 38.3 35.3 52.9
86 55.4 53.7 80.5



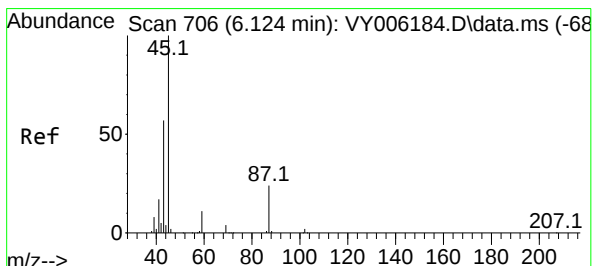
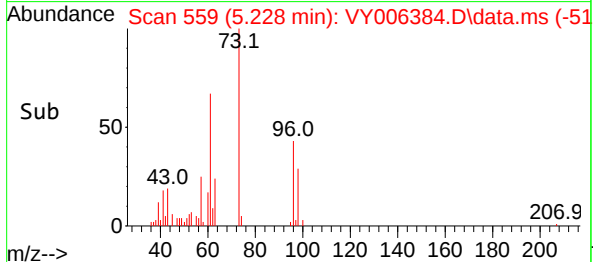
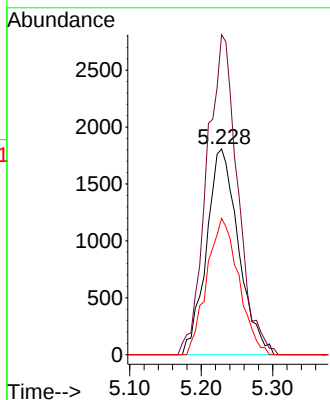


#21
trans-1,2-Dichloroethene
Concen: 4.083 ug/l
RT: 5.228 min Scan# 559
Delta R.T. 0.000 min
Lab File: VY006384.D
Acq: 13 Oct 2021 13:45

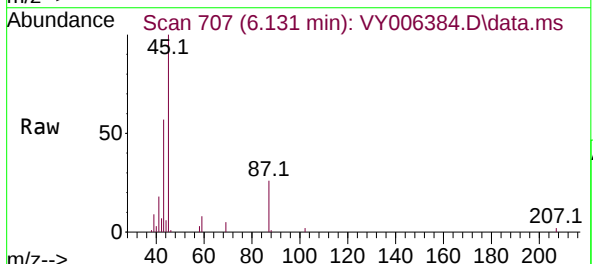


Tgt Ion: 96 Resp: 5631

Ion	Ratio	Lower	Upper
96	100		
61	155.5	120.5	180.7
98	66.3	49.8	74.8

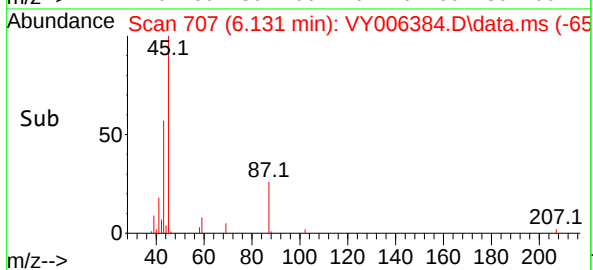
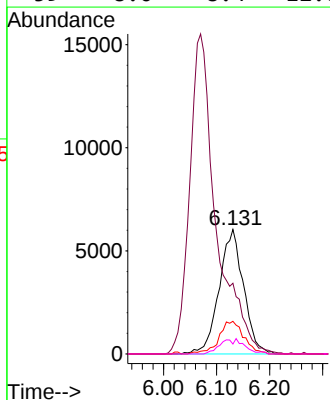


#22
Diisopropyl ether
Concen: 4.074 ug/l
RT: 6.131 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY006384.D
Acq: 13 Oct 2021 13:45



Tgt Ion: 45 Resp: 19281

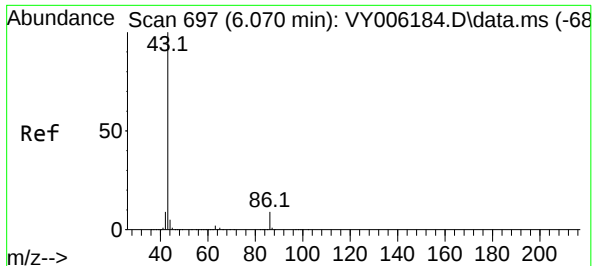
Ion	Ratio	Lower	Upper
45	100		
43	55.9	49.3	73.9
87	26.2	19.2	28.8
59	8.0	8.4	12.6



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

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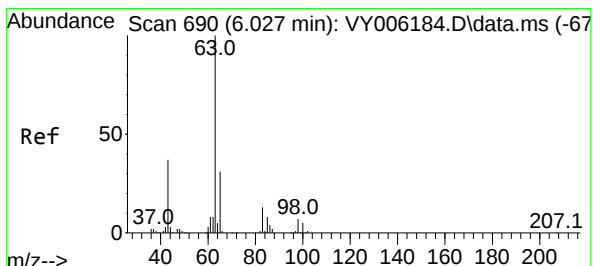
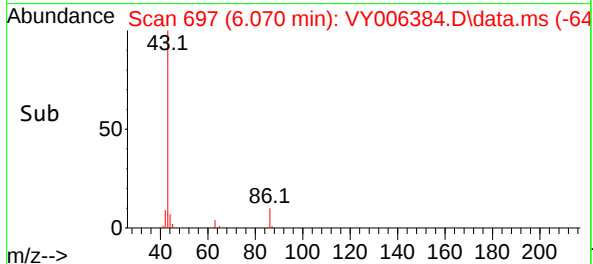
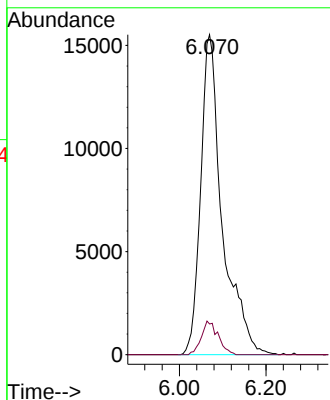
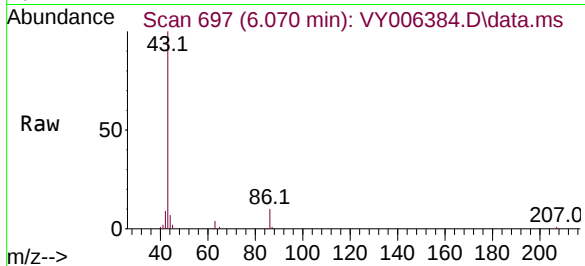
#23
 Vinyl Acetate
 Concen: 18.951 ug/l
 RT: 6.070 min Scan# 697
 Delta R.T. 0.000 min
 Lab File: VY006384.D
 Acq: 13 Oct 2021 13:45

Tgt Ion: 43 Resp: 53760
 Ion Ratio Lower Upper
 43 100
 86 9.6 7.1 10.7

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

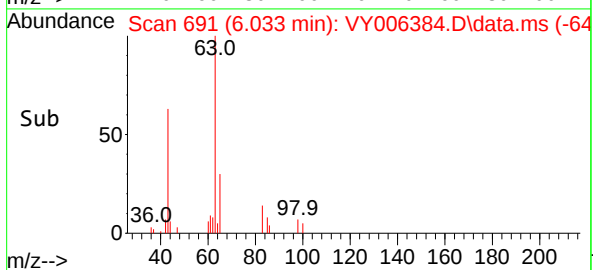
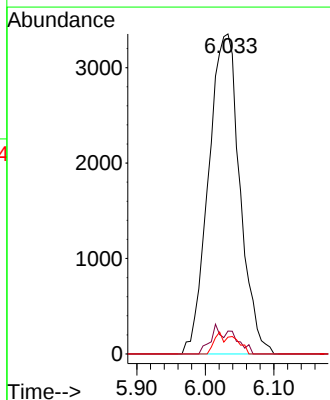
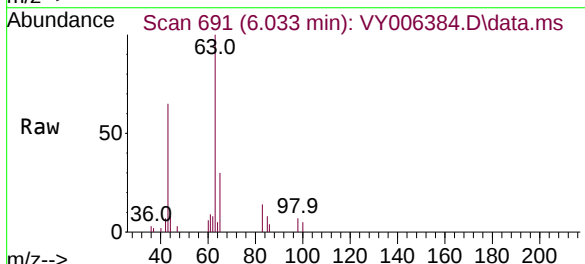
Manual Integrations
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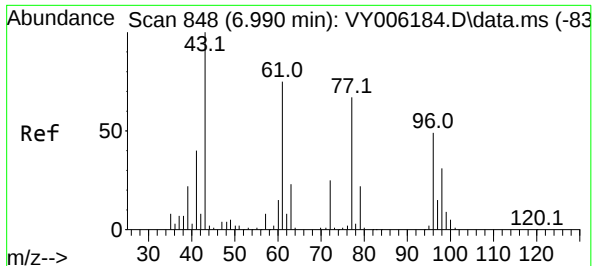
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#24
 1,1-Dichloroethane
 Concen: 4.195 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. 0.006 min
 Lab File: VY006384.D
 Acq: 13 Oct 2021 13:45

Tgt Ion: 63 Resp: 10659
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.6 10.8
 100 5.2 2.0 5.8





#25

2-Butanone

Concen: 19.802 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY006384.D

Acq: 13 Oct 2021 13:45

Tgt Ion: 43 Resp: 10952

Ion Ratio Lower Upper

43 100

72 23.3 17.7 26.5

Instrument :

MSVOA_Y

ClientSampleId :

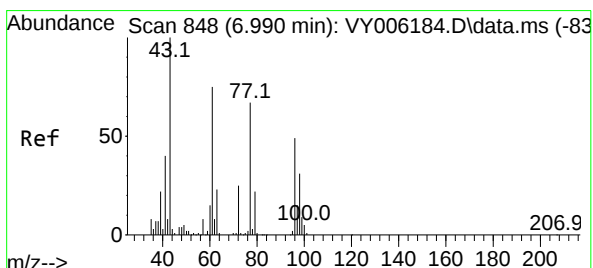
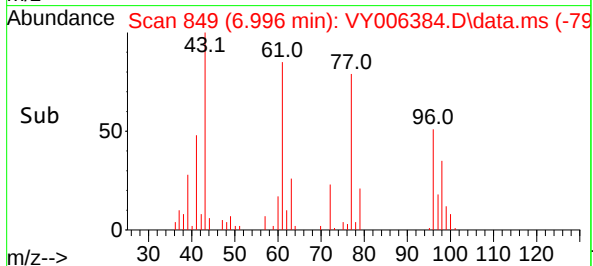
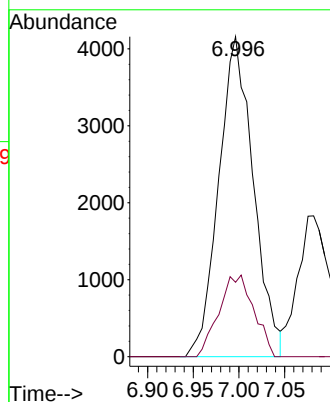
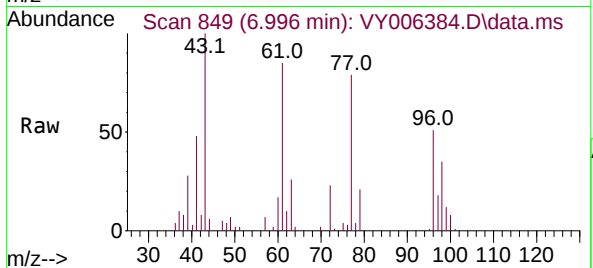
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Manual Integrations

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#26

2,2-Dichloropropane

Concen: 4.356 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.000 min

Lab File: VY006384.D

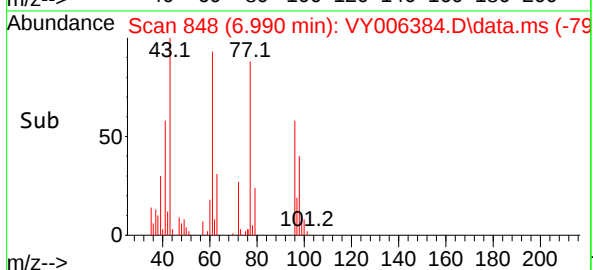
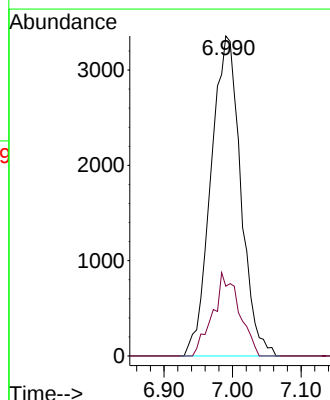
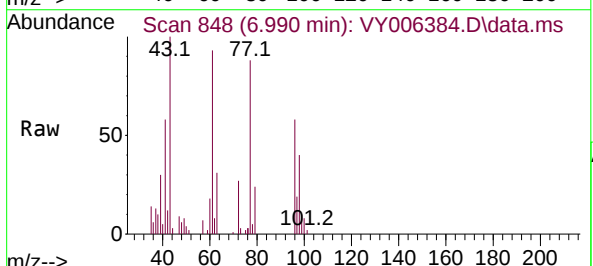
Acq: 13 Oct 2021 13:45

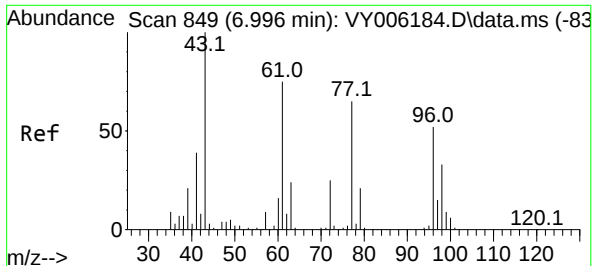
Tgt Ion: 77 Resp: 10121

Ion Ratio Lower Upper

77 100

97 23.0 10.4 31.4





#27

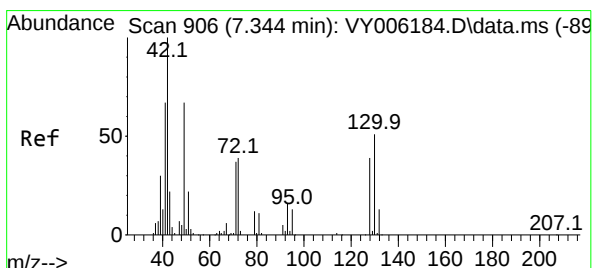
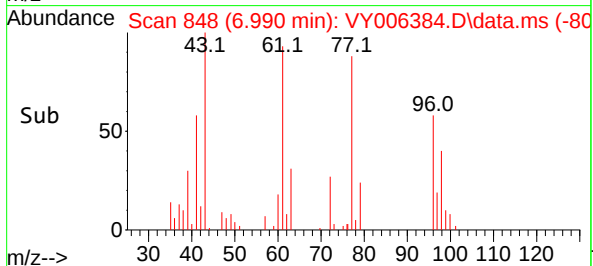
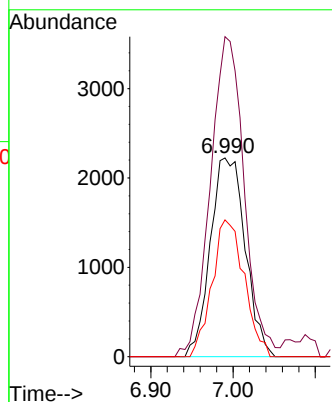
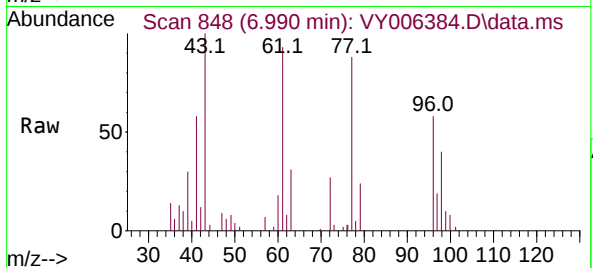
cis-1,2-Dichloroethene
Concen: 4.252 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.006 min
Lab File: VY006384.D
Acq: 13 Oct 2021 13:45

Tgt Ion:	96	Resp:	6568
Ion	Ratio	Lower	Upper
96	100		
61	156.0	0.0	319.8
98	63.4	0.0	127.0

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

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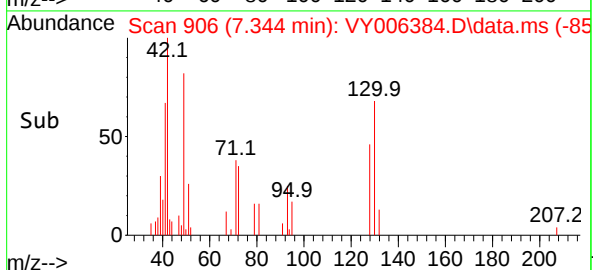
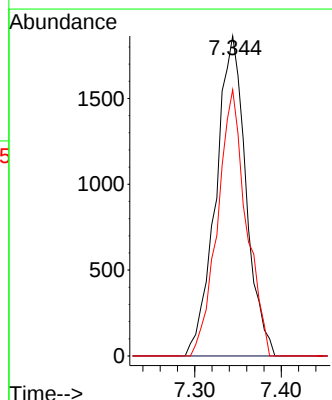
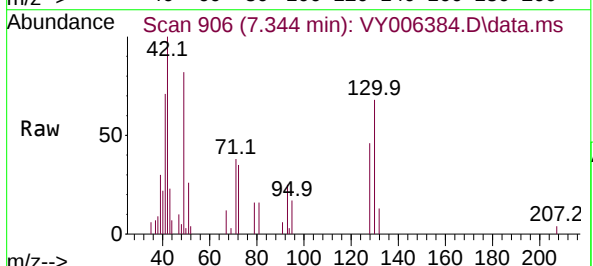
MMDadoda
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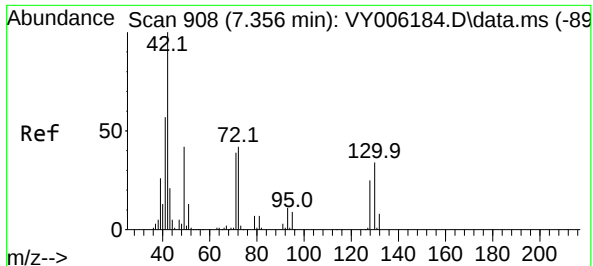


#28

Bromochloromethane
Concen: 4.256 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.000 min
Lab File: VY006384.D
Acq: 13 Oct 2021 13:45

Tgt Ion:	49	Resp:	4502
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	2.2
130	79.2	55.4	83.0





#29

Tetrahydrofuran

Concen: 20.702 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.000 min

Lab File: VY006384.D

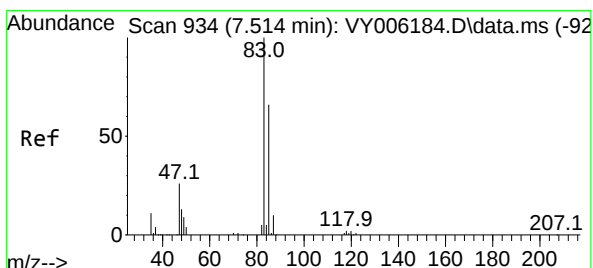
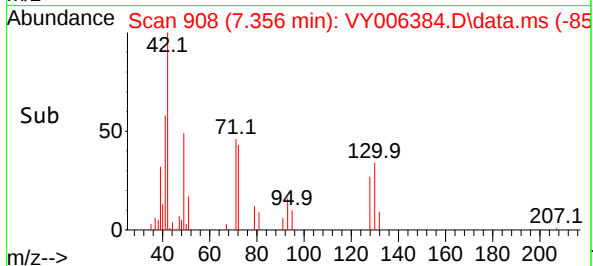
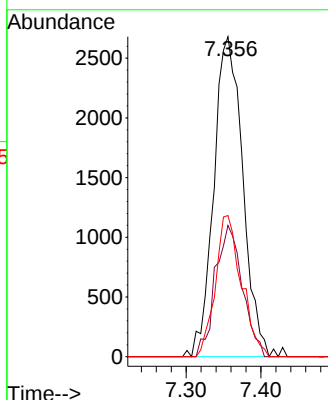
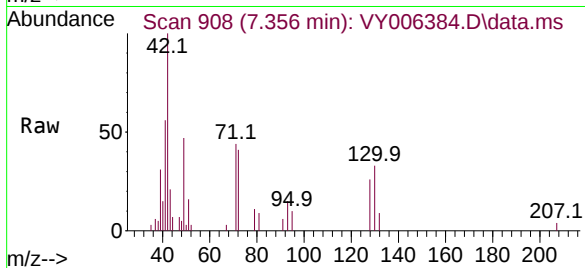
Acq: 13 Oct 2021 13:45

Tgt Ion:	42	Resp:	7232
Ion	Ratio	Lower	Upper
42	100		
72	38.3	30.3	45.5
71	39.6	29.0	43.4

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

Manual Integrations
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#30

Chloroform

Concen: 4.378 ug/l

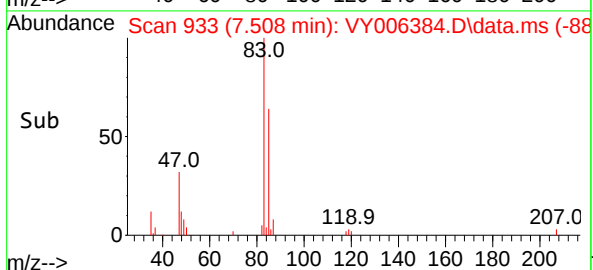
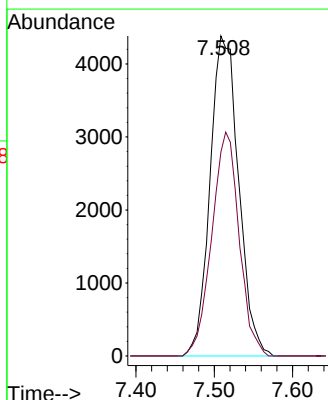
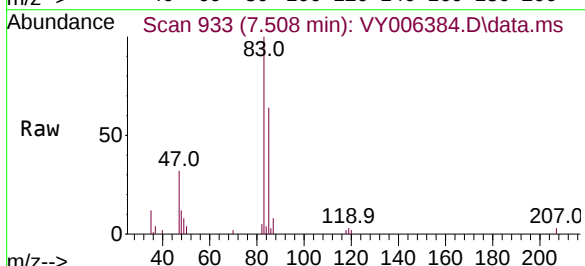
RT: 7.508 min Scan# 933

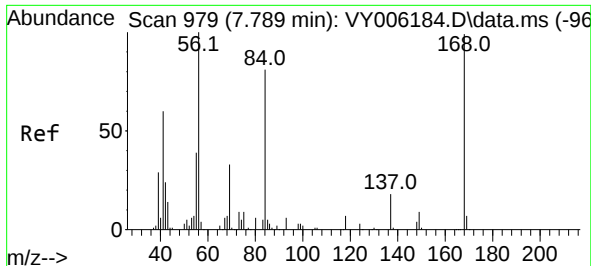
Delta R.T. -0.006 min

Lab File: VY006384.D

Acq: 13 Oct 2021 13:45

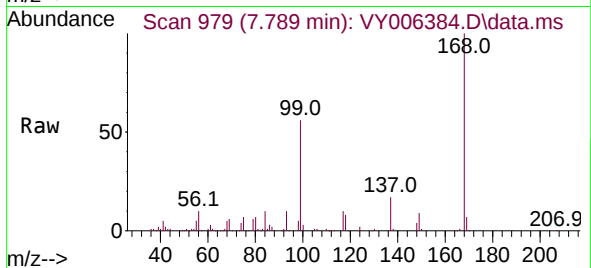
Tgt Ion:	83	Resp:	11095
Ion	Ratio	Lower	Upper
83	100		
85	63.8	51.8	77.6





#31
Cyclohexane
Concen: 4.824 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.000 min
Lab File: VY006384.D
Acq: 13 Oct 2021 13:45

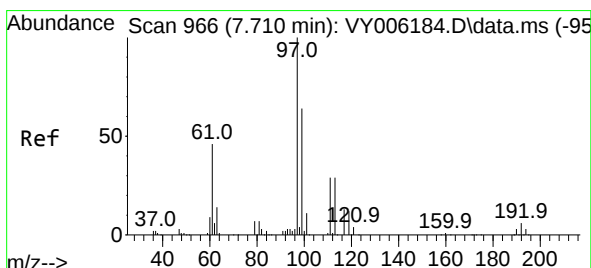
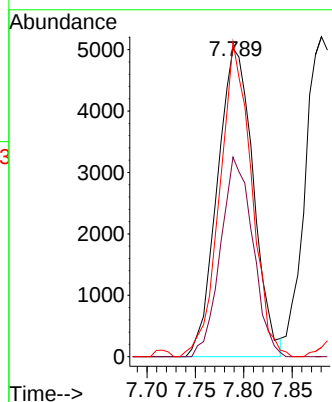
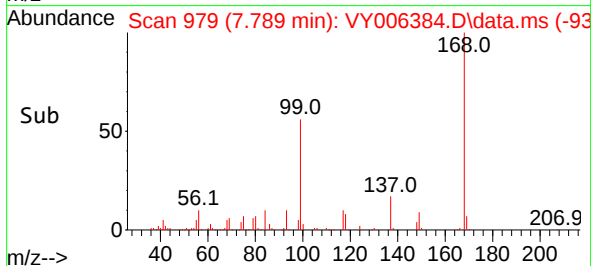
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



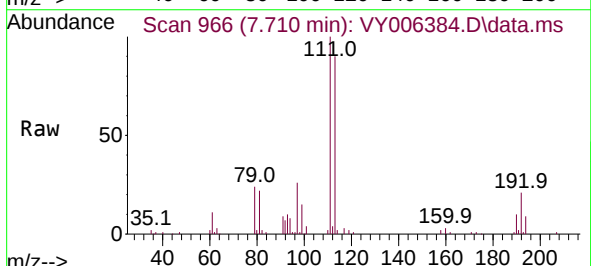
Tgt Ion: 56 Resp: 12993
Ion Ratio Lower Upper
56 100
69 64.7 26.7 40.1#
84 102.2 67.2 100.8#

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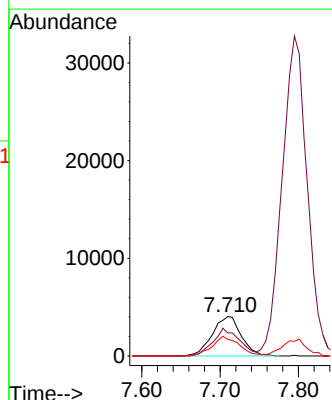
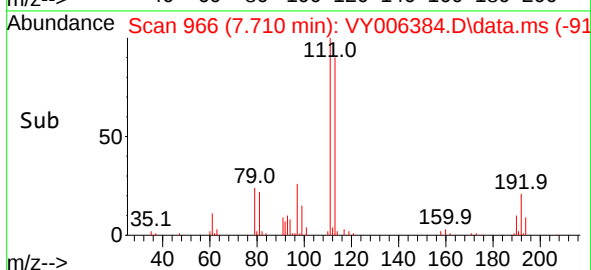
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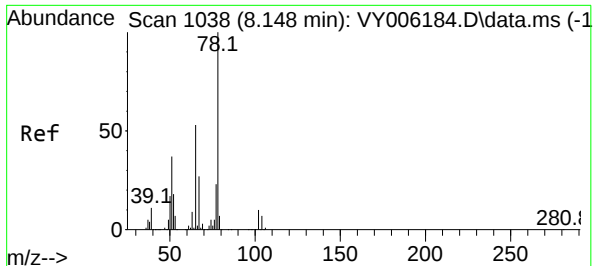


#32
1,1,1-Trichloroethane
Concen: 4.420 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY006384.D
Acq: 13 Oct 2021 13:45



Tgt Ion: 97 Resp: 10343
Ion Ratio Lower Upper
97 100
99 64.1 50.7 76.1
61 46.4 37.6 56.4





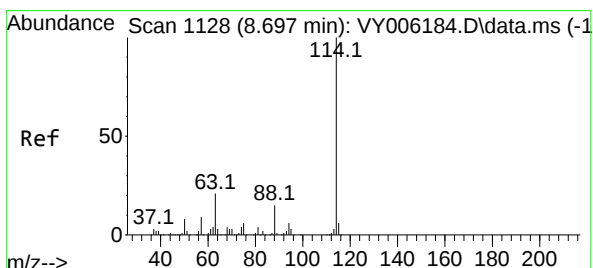
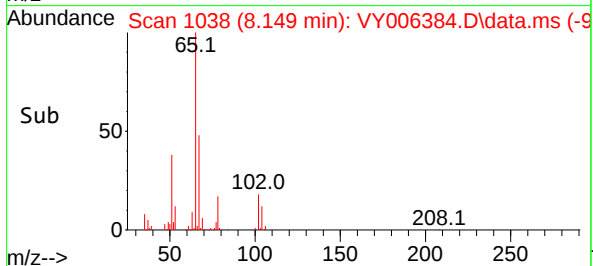
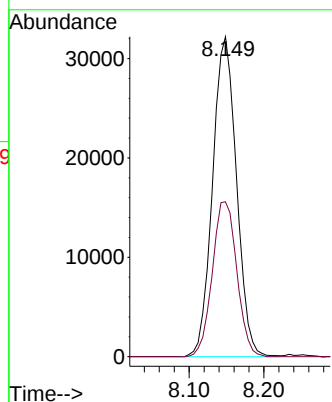
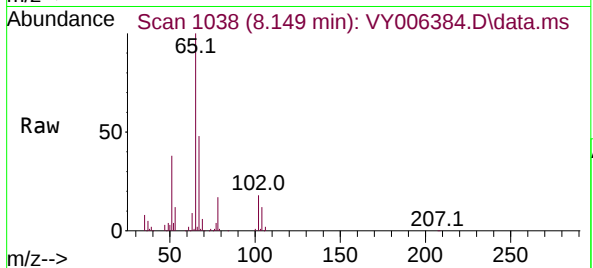
#33
1,2-Dichloroethane-d4
Concen: 50.418 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006384.D
Acq: 13 Oct 2021 13:45

Tgt Ion: 65 Resp: 71671
Ion Ratio Lower Upper
65 100
67 49.7 0.0 99.4

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

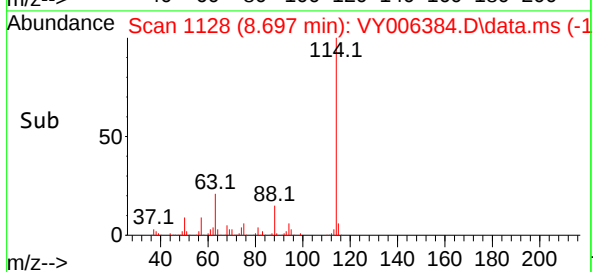
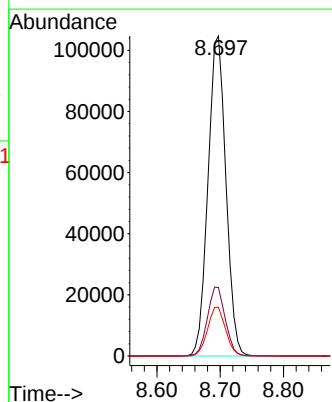
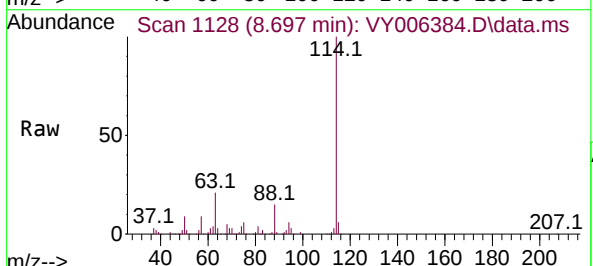
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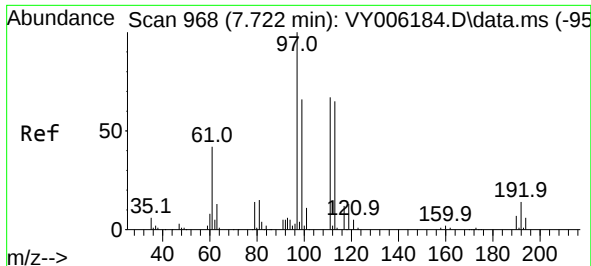
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#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006384.D
Acq: 13 Oct 2021 13:45

Tgt Ion: 114 Resp: 206022
Ion Ratio Lower Upper
114 100
63 21.4 0.0 43.2
88 15.2 0.0 31.8





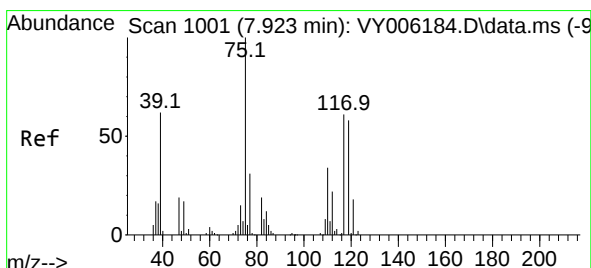
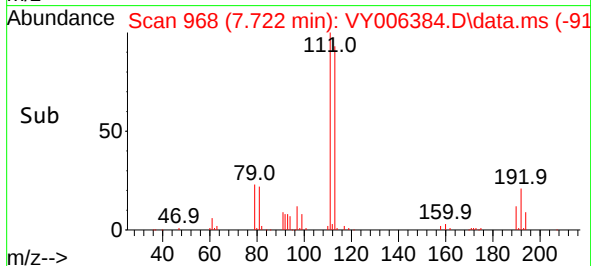
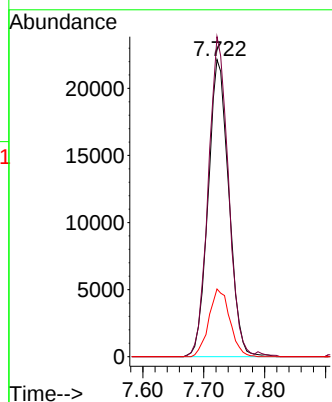
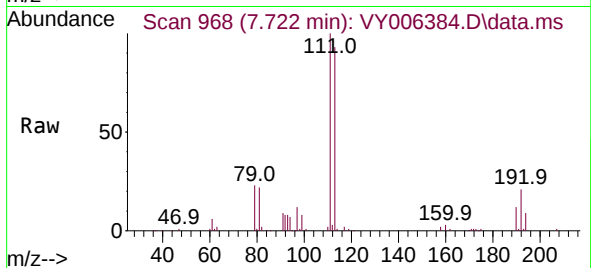
#35
Dibromofluoromethane
Concen: 47.375 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY006384.D
Acq: 13 Oct 2021 13:45

Tgt Ion:	113	Resp:	52145
Ion Ratio	Lower	Upper	
113	100		
111	104.6	82.6	124.0
192	23.1	17.6	26.4

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

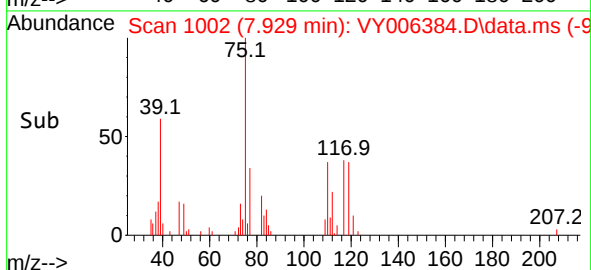
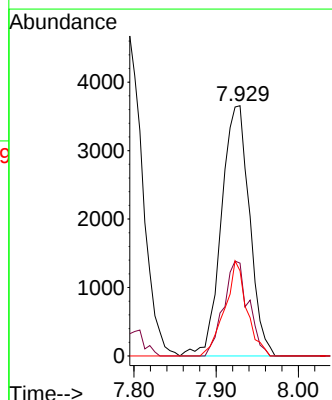
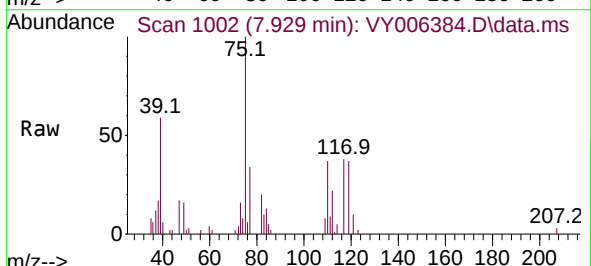
Manual Integrations
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#36
1,1-Dichloropropene
Concen: 4.252 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.006 min
Lab File: VY006384.D
Acq: 13 Oct 2021 13:45

Tgt Ion:	75	Resp:	8715
Ion Ratio	Lower	Upper	
75	100		
110	33.4	17.1	51.2
77	29.8	24.4	36.6





#37

Ethyl Acetate

Concen: 3.965 ug/l

RT: 7.082 min Scan# 863

Delta R.T. 0.000 min

Lab File: VY006384.D

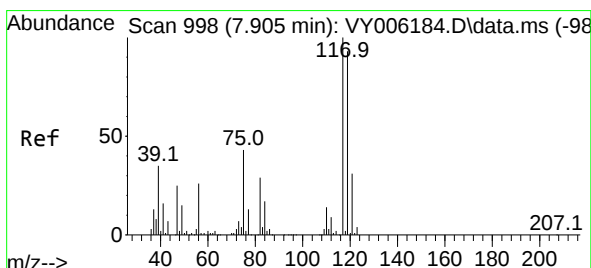
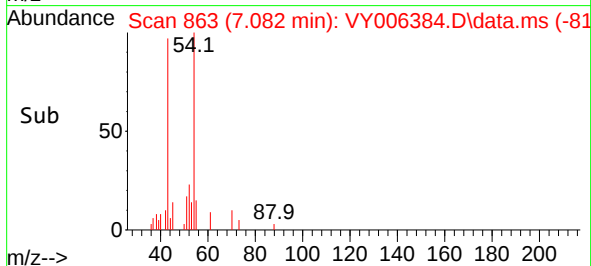
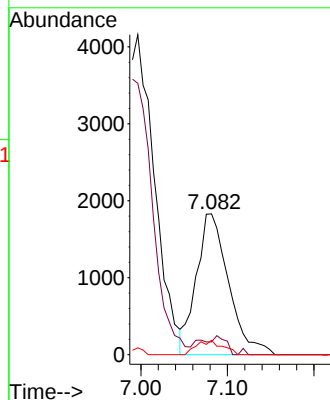
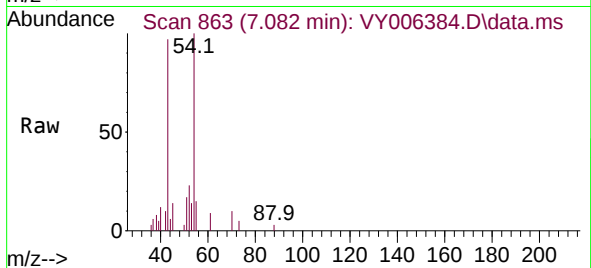
Acq: 13 Oct 2021 13:45

Tgt Ion:	43	Resp:	4735
Ion	Ratio	Lower	Upper
43	100		
61	0.0	9.7	14.5#
70	8.1	7.1	10.7

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

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 4.403 ug/l

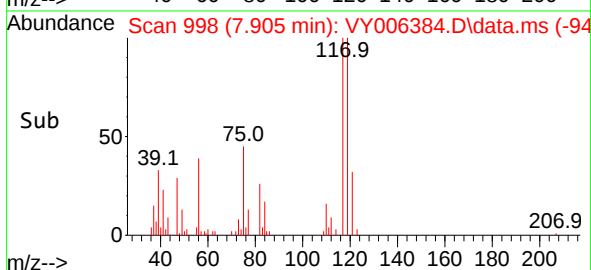
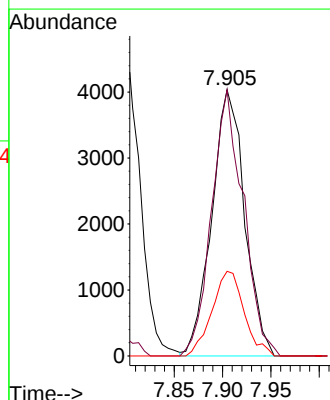
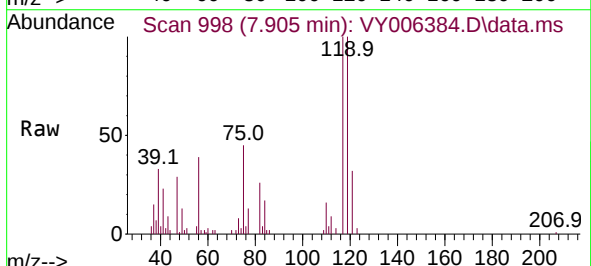
RT: 7.905 min Scan# 998

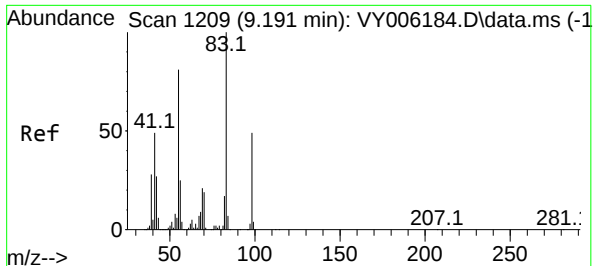
Delta R.T. 0.000 min

Lab File: VY006384.D

Acq: 13 Oct 2021 13:45

Tgt Ion:	117	Resp:	9530
Ion	Ratio	Lower	Upper
117	100		
119	99.9	77.9	116.9
121	31.8	24.8	37.2





#39

Methylcyclohexane

Concen: 4.169 ug/l

RT: 9.185 min Scan# 1208

Delta R.T. -0.006 min

Lab File: VY006384.D

Acq: 13 Oct 2021 13:45

Tgt Ion:	83	Resp:	10734
Ion	Ratio	Lower	Upper
83	100		
55	78.8	66.5	99.7
98	46.8	37.9	56.9

Instrument :

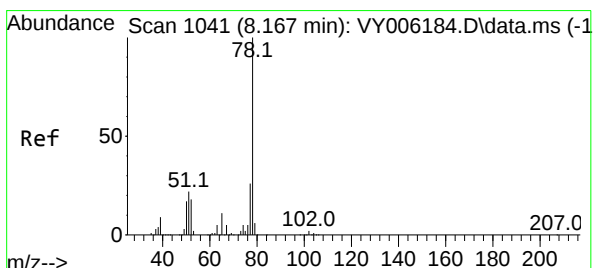
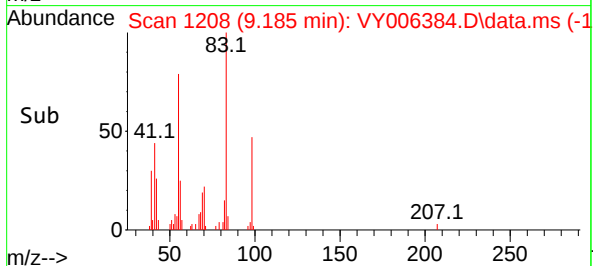
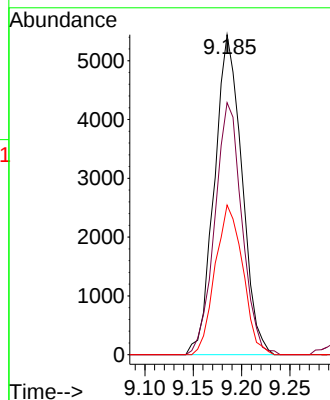
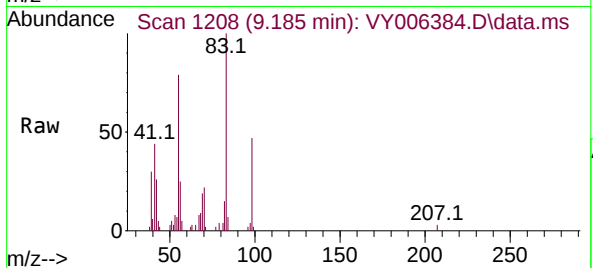
MSVOA_Y

ClientSampleId :

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#40

Benzene

Concen: 4.271 ug/l

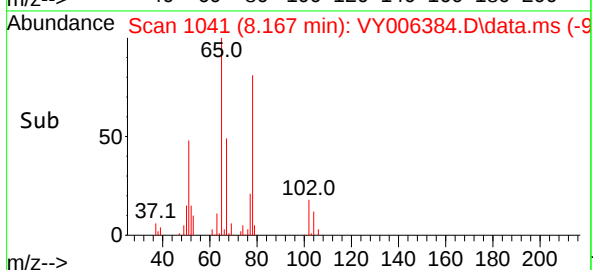
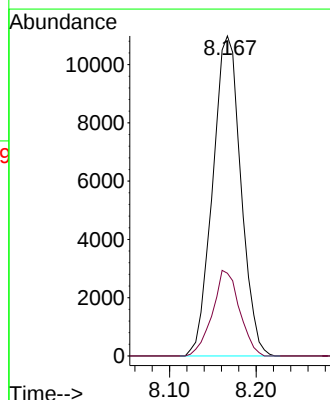
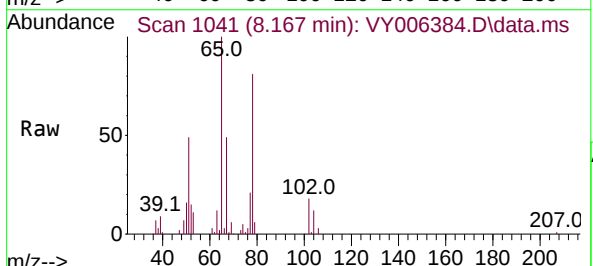
RT: 8.167 min Scan# 1041

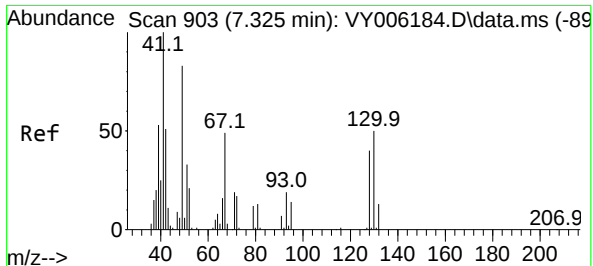
Delta R.T. 0.000 min

Lab File: VY006384.D

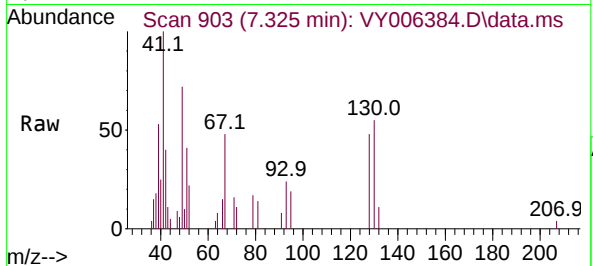
Acq: 13 Oct 2021 13:45

Tgt Ion:	78	Resp:	24839
Ion	Ratio	Lower	Upper
78	100		
77	25.9	20.4	30.6

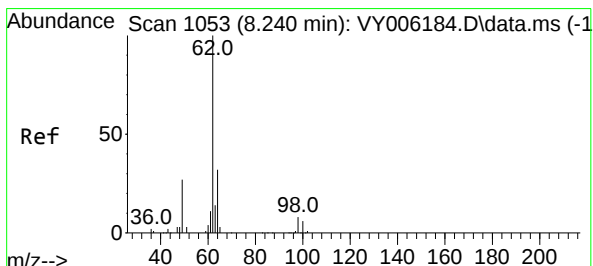
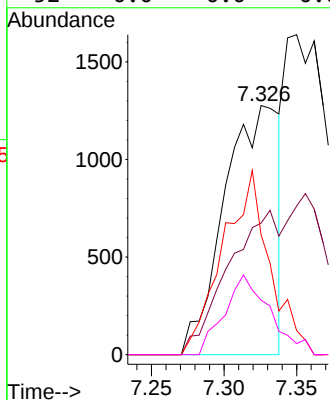
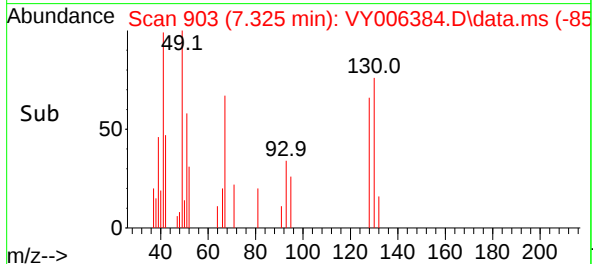




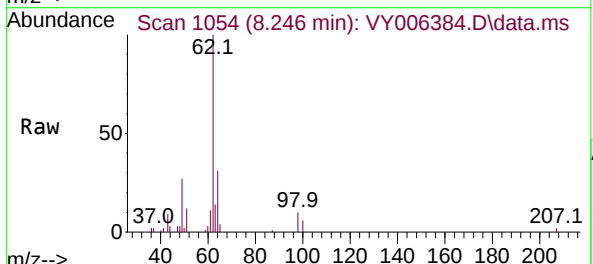
#41
Methacrylonitrile
Concen: 4.331 ug/l m
RT: 7.325 min Scan# 903
Delta R.T. 0.000 min
Lab File: VY006384.D
Acq: 13 Oct 2021 13:45



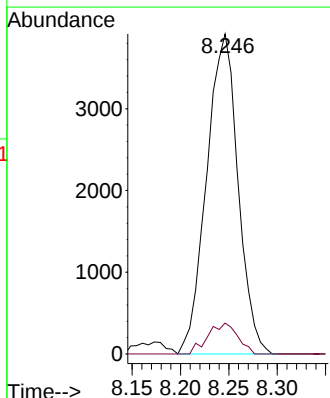
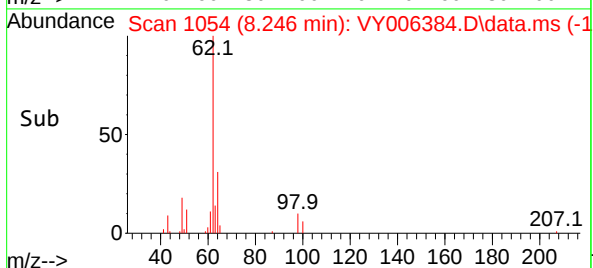
Tgt Ion: 41 Resp: 3355
Ion Ratio Lower Upper
41 100
39 53.6 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 4.723 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VY006384.D
Acq: 13 Oct 2021 13:45



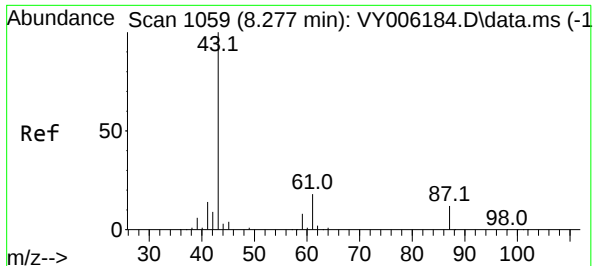
Tgt Ion: 62 Resp: 8849
Ion Ratio Lower Upper
62 100
98 9.2 0.0 14.8



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

Manual Integrations
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#43

Isopropyl Acetate

Concen: 4.154 ug/l

RT: 8.277 min Scan# 1059

Delta R.T. 0.000 min

Lab File: VY006384.D

Acq: 13 Oct 2021 13:45

Tgt Ion:	43	Resp:	9514
Ion	Ratio	Lower	Upper
43	100		
61	27.9	20.2	30.2
87	13.6	8.9	13.3#

Instrument :

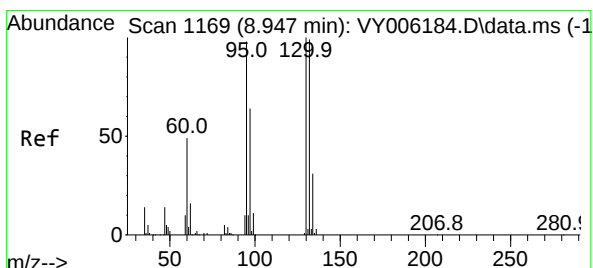
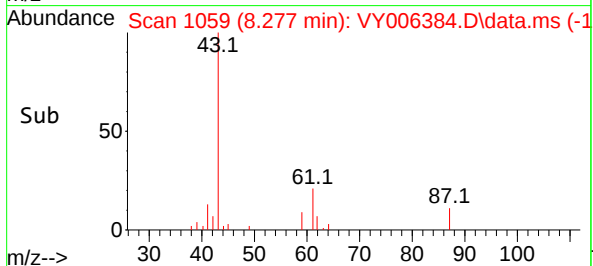
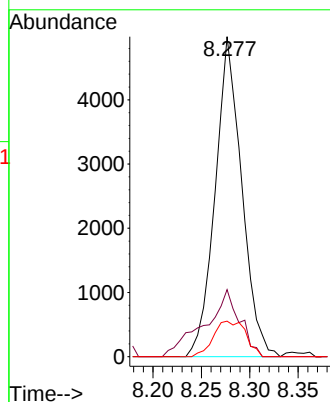
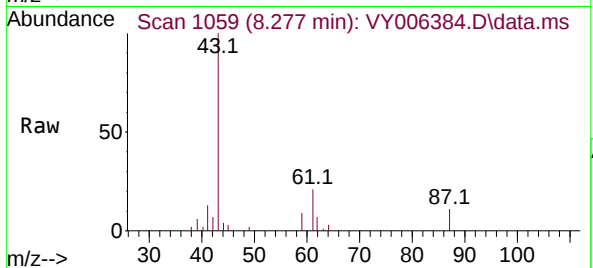
MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2021

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#44

Trichloroethene

Concen: 4.271 ug/l

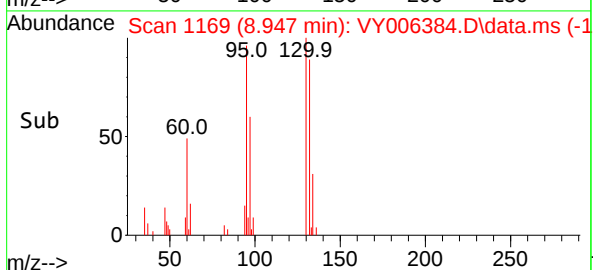
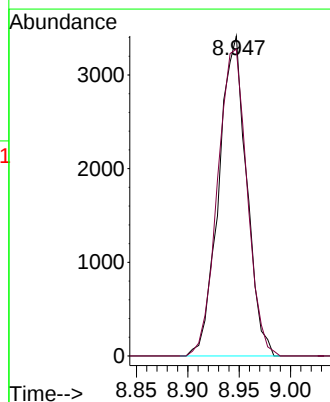
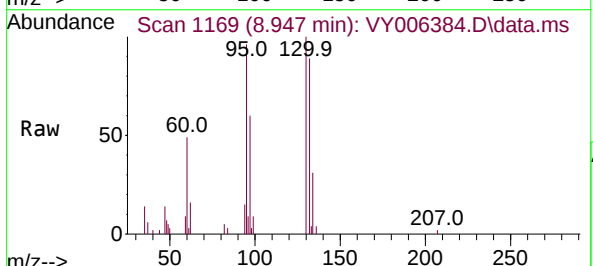
RT: 8.947 min Scan# 1169

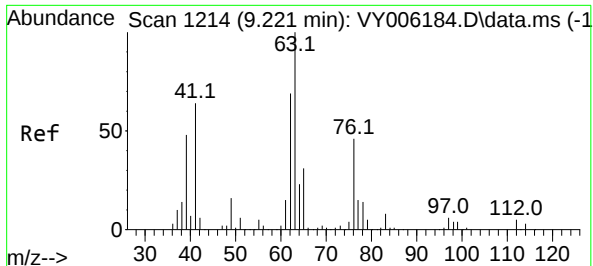
Delta R.T. 0.000 min

Lab File: VY006384.D

Acq: 13 Oct 2021 13:45

Tgt Ion:	130	Resp:	6415
Ion	Ratio	Lower	Upper
130	100		
95	95.8	0.0	188.2





#45

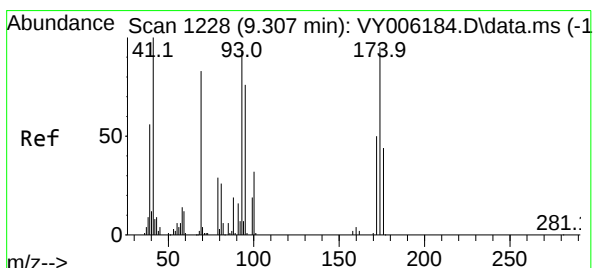
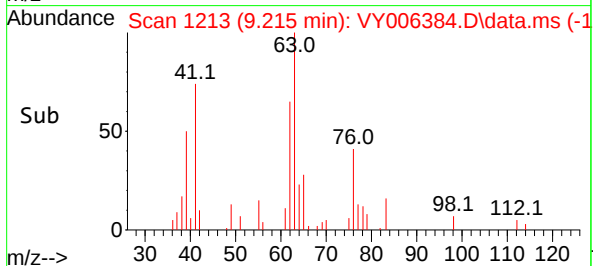
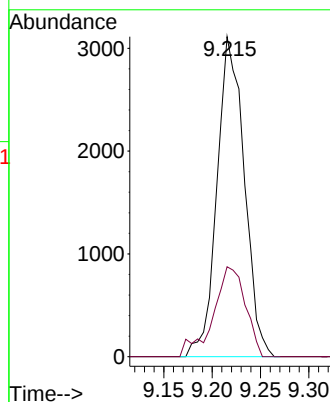
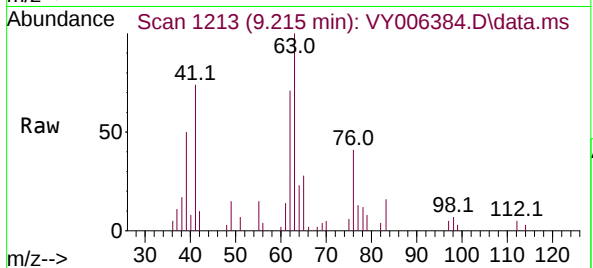
1,2-Dichloropropane
Concen: 4.259 ug/l
RT: 9.215 min Scan# 1213
Delta R.T. -0.006 min
Lab File: VY006384.D
Acq: 13 Oct 2021 13:45

Tgt Ion: 63 Resp: 6097
Ion Ratio Lower Upper
63 100
65 28.1 23.0 34.6

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

Manual Integrations
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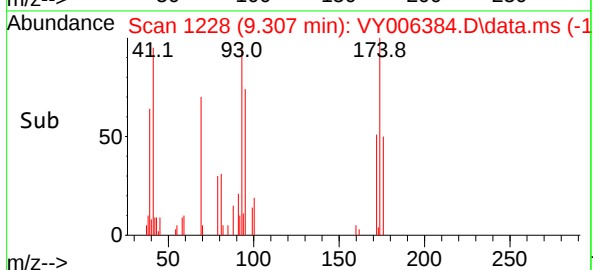
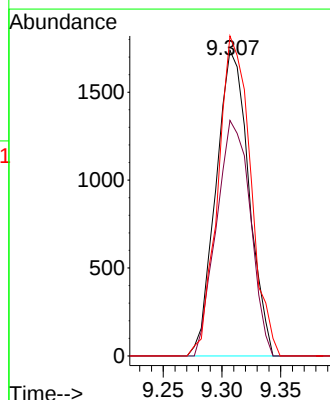
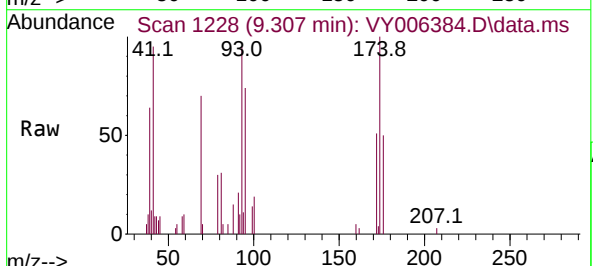
MMDadoda
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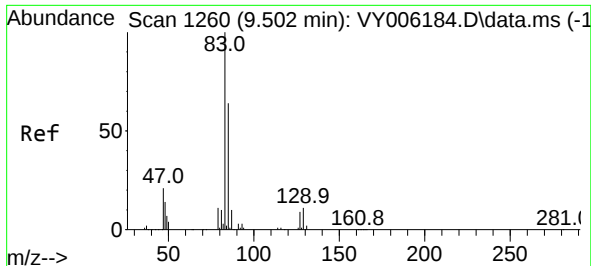


#46

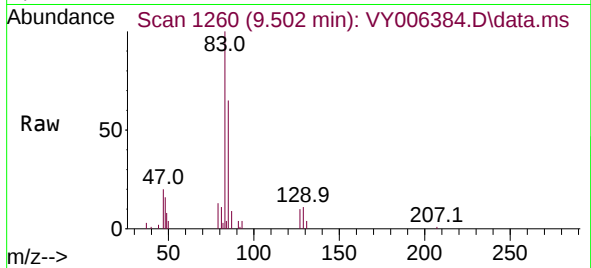
Dibromomethane
Concen: 4.426 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VY006384.D
Acq: 13 Oct 2021 13:45

Tgt Ion: 93 Resp: 3374
Ion Ratio Lower Upper
93 100
95 79.2 64.3 96.5
174 104.1 83.4 125.0



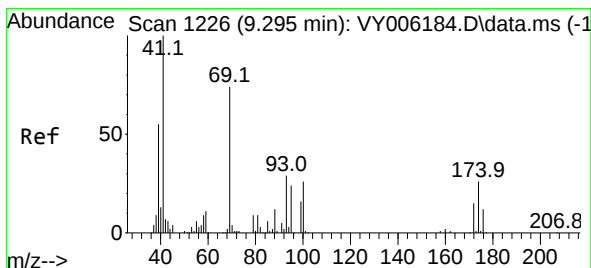
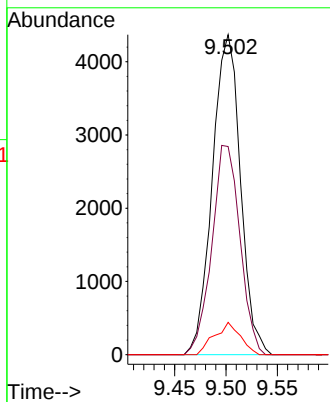
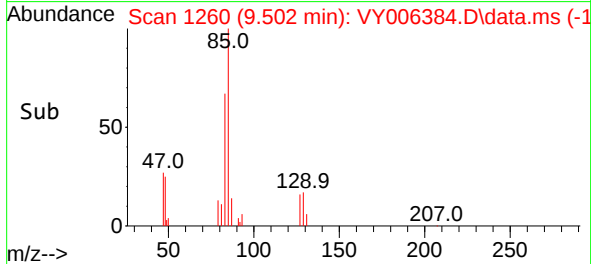


#47
Bromodichloromethane
Concen: 4.235 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VY006384.D
Acq: 13 Oct 2021 13:45

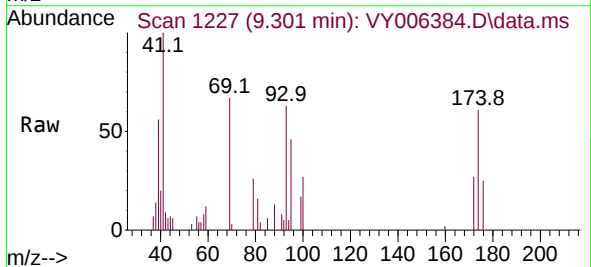


Tgt Ion: 83 Resp: 8312

Ion	Ratio	Lower	Upper
83	100		
85	65.0	51.9	77.9
127	10.1	6.6	10.0#

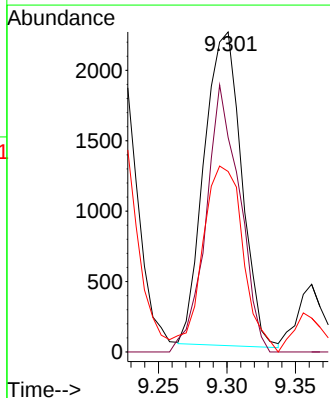
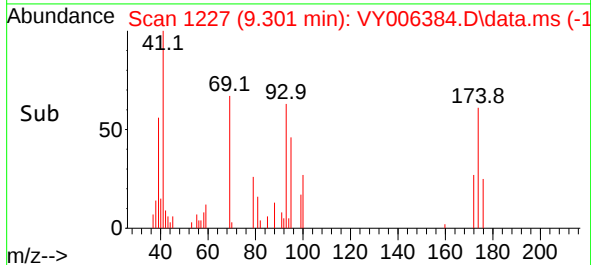


#48
Methyl methacrylate
Concen: 3.848 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY006384.D
Acq: 13 Oct 2021 13:45



Tgt Ion: 41 Resp: 4228

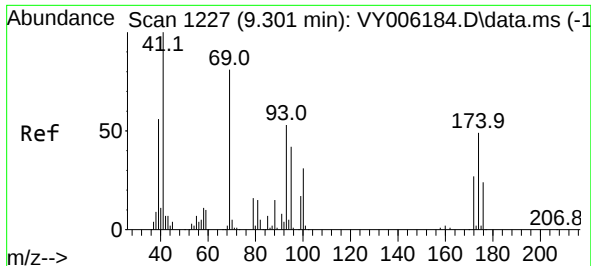
Ion	Ratio	Lower	Upper
41	100		
69	76.3	58.2	87.2
39	64.3	47.4	71.0



Instrument :
MSVOA_Y
ClientSampleId :
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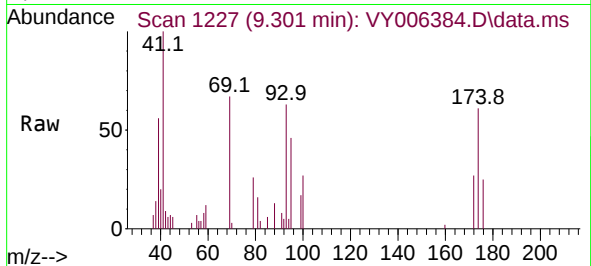
Manual Integrations
APPROVED

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#49
1,4-Dioxane
Concen: 64.145 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VY006384.D
Acq: 13 Oct 2021 13:45

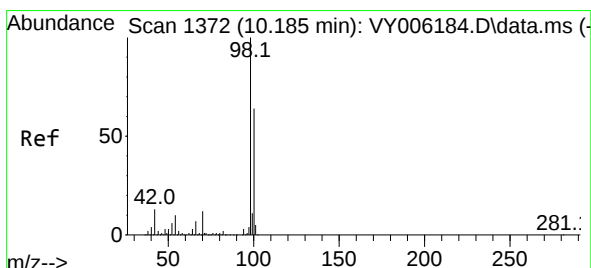
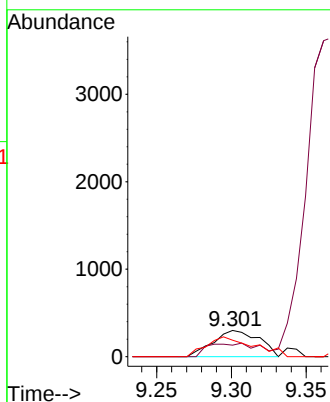
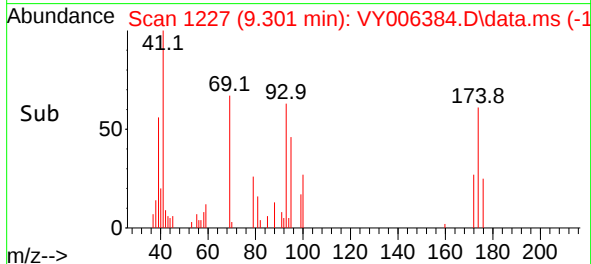
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



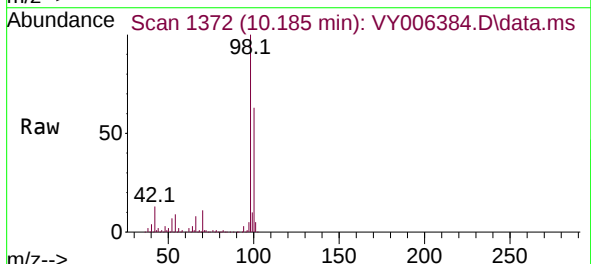
Tgt Ion: 88 Resp: 638
Ion Ratio Lower Upper
88 100
43 56.3 32.8 49.2#
58 78.2 59.8 89.6

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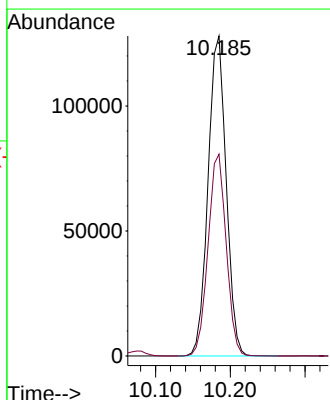
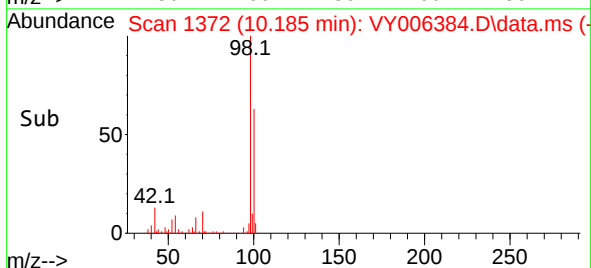
MMDadoda
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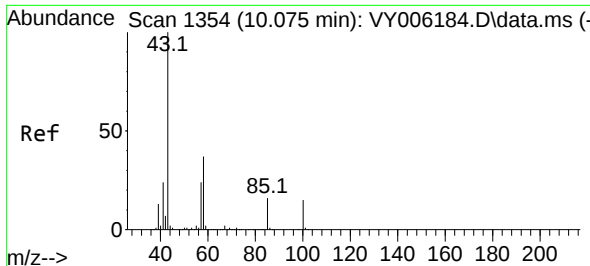


#50
Toluene-d8
Concen: 46.860 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006384.D
Acq: 13 Oct 2021 13:45



Tgt Ion: 98 Resp: 215864
Ion Ratio Lower Upper
98 100
100 63.3 50.2 75.2





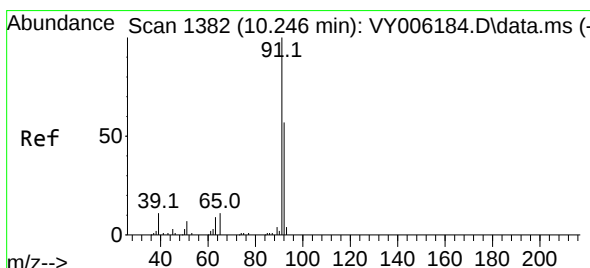
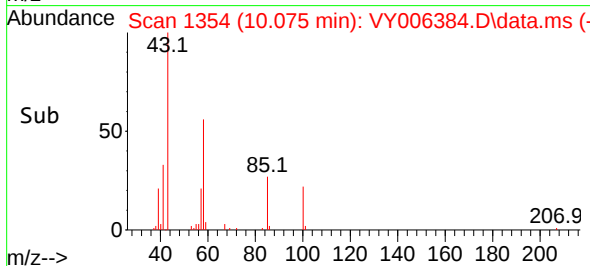
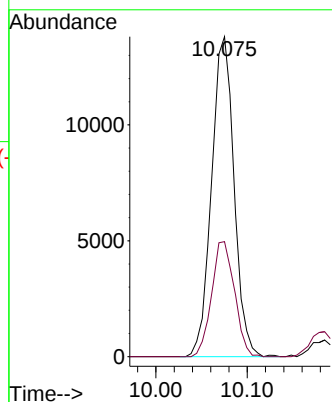
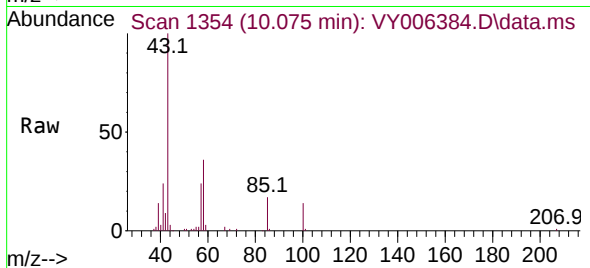
#51
4-Methyl-2-Pentanone
Concen: 19.877 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY006384.D
Acq: 13 Oct 2021 13:45

Tgt Ion: 43 Resp: 23638
Ion Ratio Lower Upper
43 100
58 36.6 28.1 42.1

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

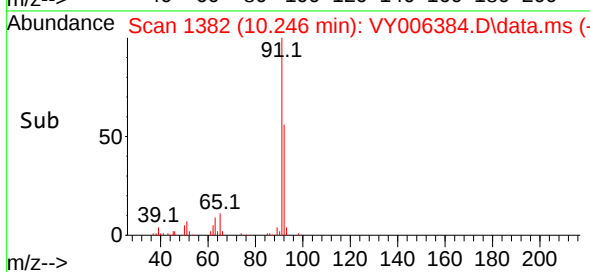
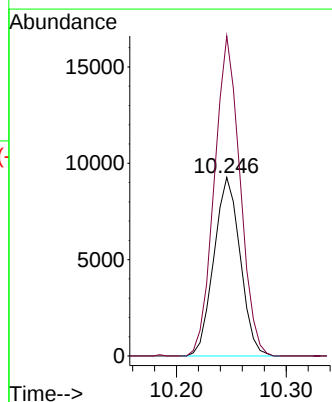
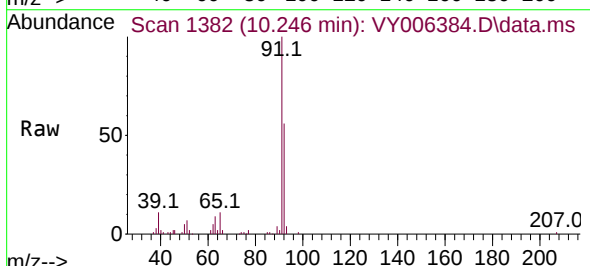
Manual Integrations
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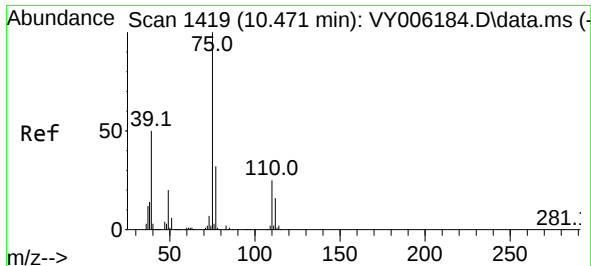
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#52
Toluene
Concen: 4.284 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY006384.D
Acq: 13 Oct 2021 13:45

Tgt Ion: 92 Resp: 15454
Ion Ratio Lower Upper
92 100
91 175.2 142.6 213.8





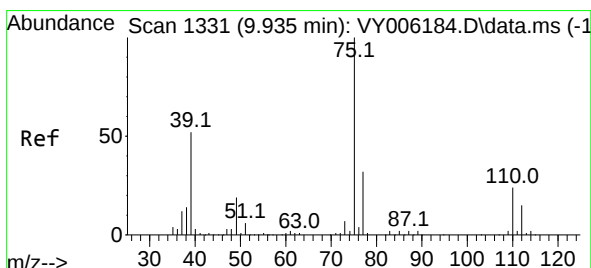
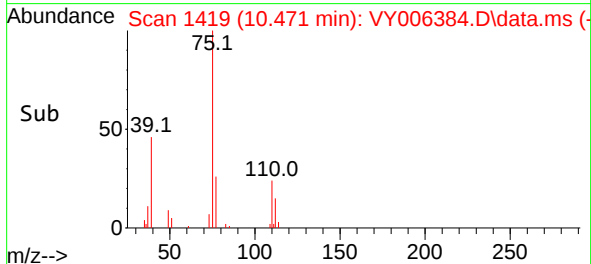
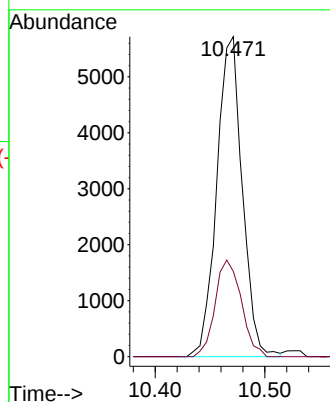
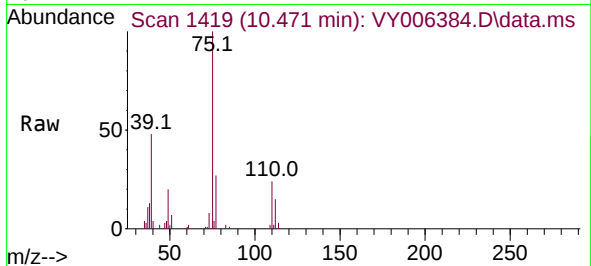
#53
 t-1,3-Dichloropropene
 Concen: 4.321 ug/l
 RT: 10.471 min Scan# 1419
 Delta R.T. 0.000 min
 Lab File: VY006384.D
 Acq: 13 Oct 2021 13:45

Tgt Ion: 75 Resp: 9248
 Ion Ratio Lower Upper
 75 100
 77 26.7 25.4 38.2

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

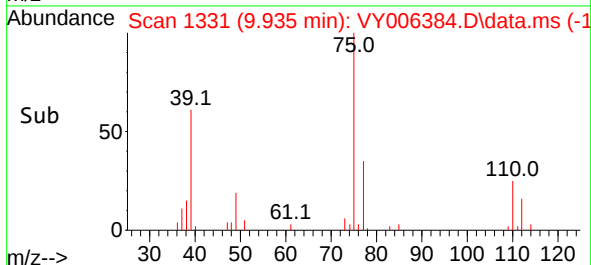
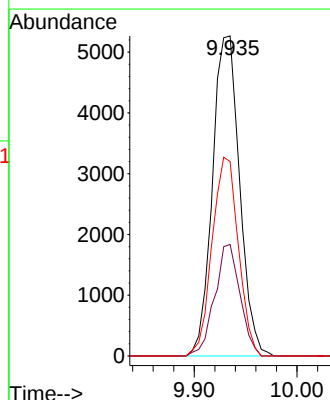
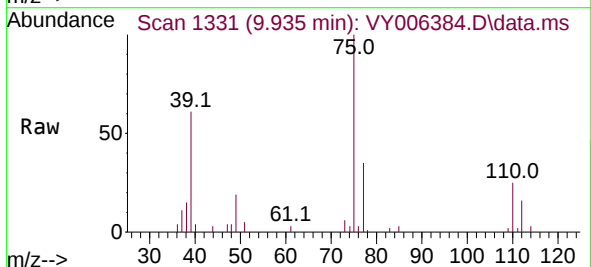
Manual Integrations
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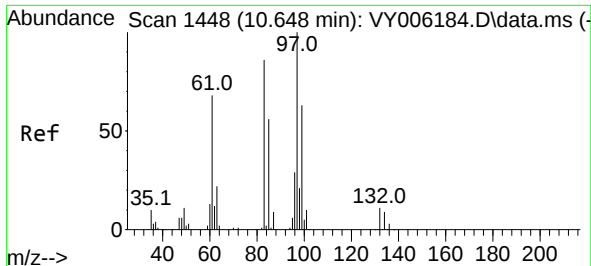
MMDadoda
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#54
 cis-1,3-Dichloropropene
 Concen: 4.101 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. 0.000 min
 Lab File: VY006384.D
 Acq: 13 Oct 2021 13:45

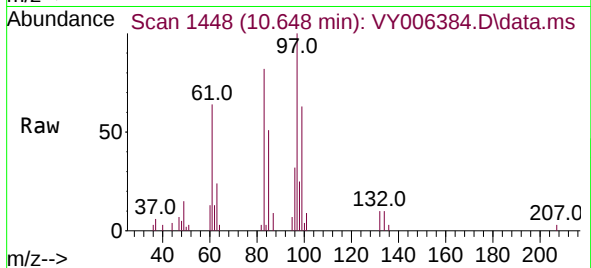
Tgt Ion: 75 Resp: 9648
 Ion Ratio Lower Upper
 75 100
 77 34.9 25.6 38.4
 39 60.8 47.6 71.4





#55
1,1,2-Trichloroethane
Concen: 4.237 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY006384.D
Acq: 13 Oct 2021 13:45

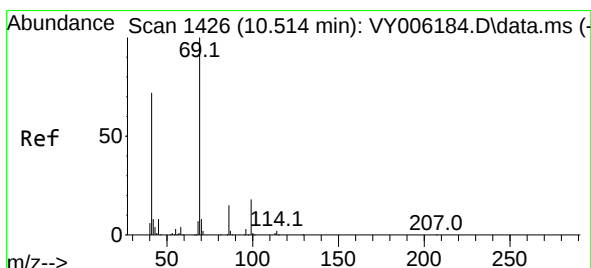
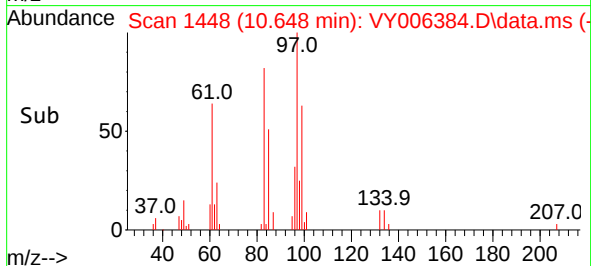
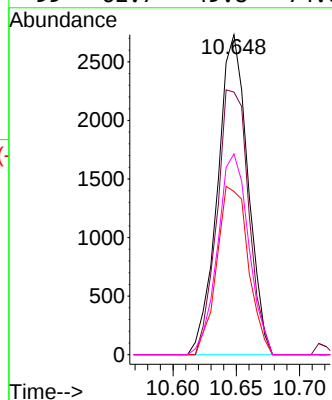
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.0	69.8	104.8
85	51.0	44.3	66.5
99	62.7	49.8	74.6

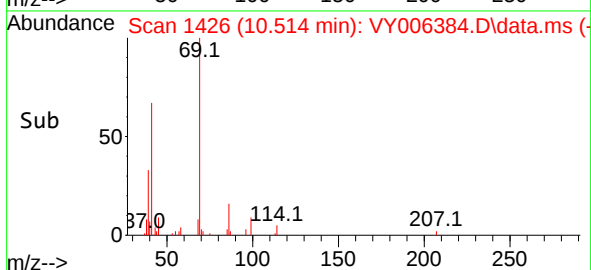
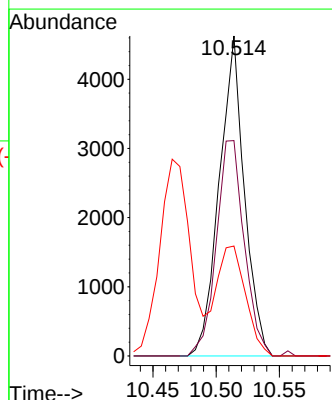
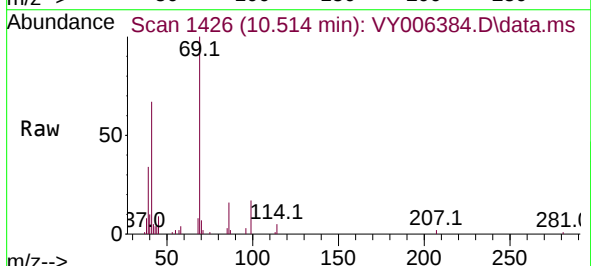
Manual Integrations
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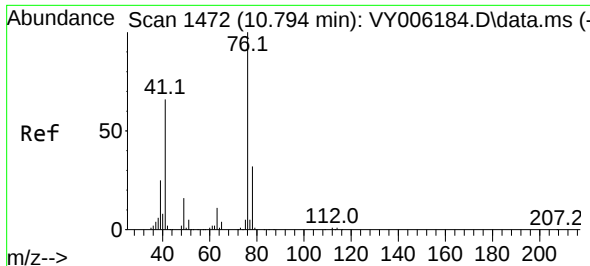
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#56
Ethyl methacrylate
Concen: 3.915 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VY006384.D
Acq: 13 Oct 2021 13:45

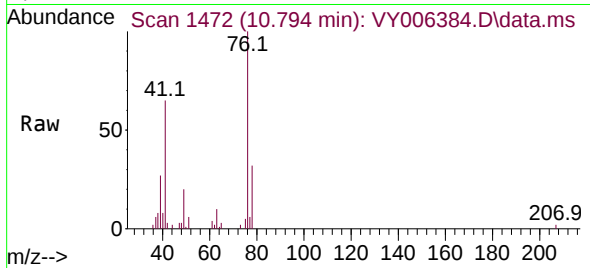
Tgt Ion	Ratio	Lower	Upper
69	100		
41	74.8	63.4	95.0
39	40.8	35.8	53.8



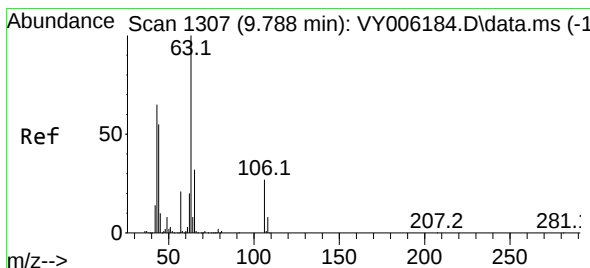
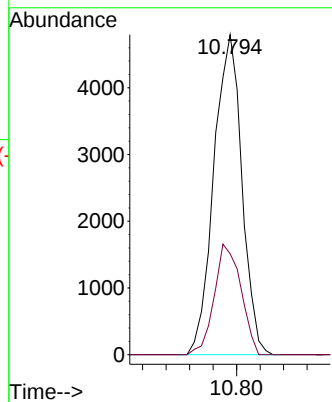
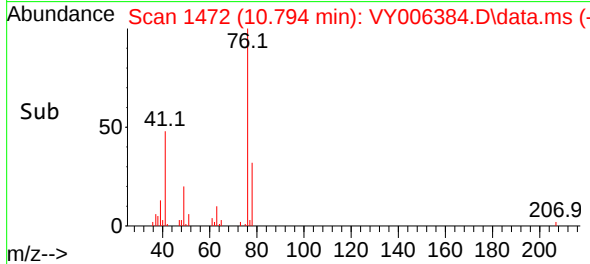


#57
1,3-Dichloropropane
Concen: 4.094 ug/l
RT: 10.794 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VY006384.D
Acq: 13 Oct 2021 13:45

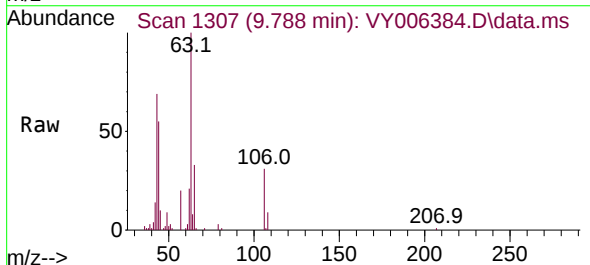
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



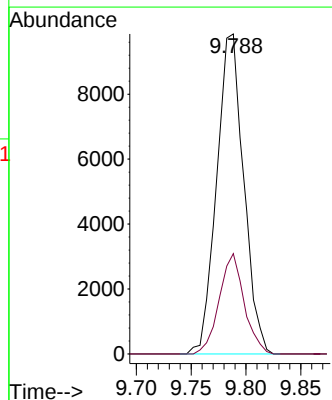
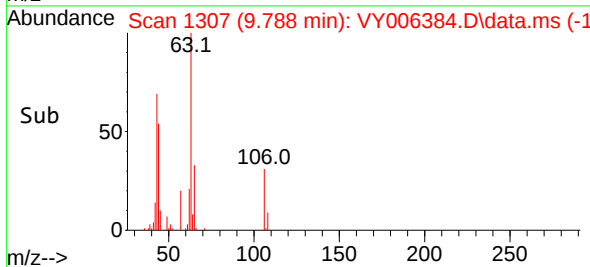
Tgt Ion: 76 Resp: 7946
Ion Ratio Lower Upper
76 100
78 32.8 25.0 37.6

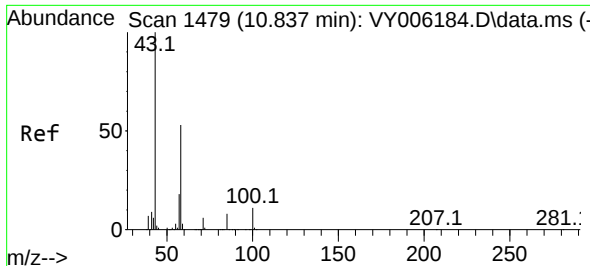


#58
2-Chloroethyl Vinyl ether
Concen: 21.151 ug/l
RT: 9.788 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VY006384.D
Acq: 13 Oct 2021 13:45



Tgt Ion: 63 Resp: 16897
Ion Ratio Lower Upper
63 100
106 28.9 21.5 32.3





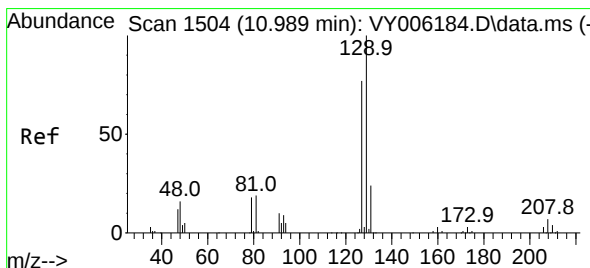
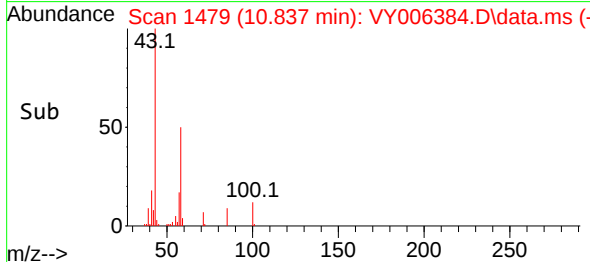
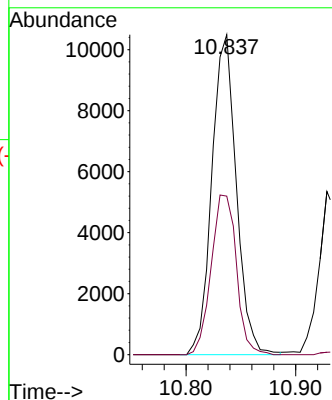
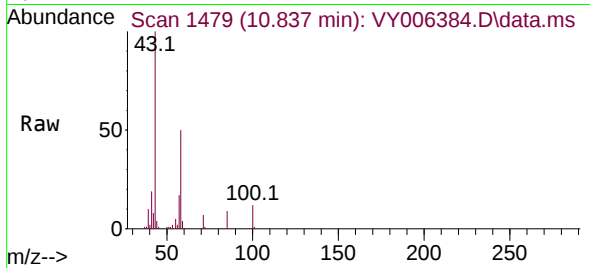
#59
2-Hexanone
Concen: 19.206 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY006384.D
Acq: 13 Oct 2021 13:45

Tgt Ion: 43 Resp: 16267
Ion Ratio Lower Upper
43 100
58 51.5 24.4 73.4

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

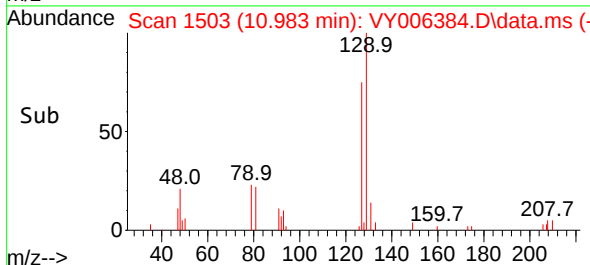
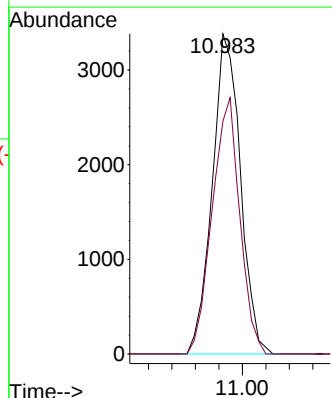
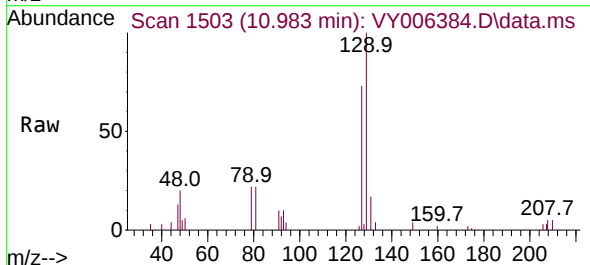
Manual Integrations
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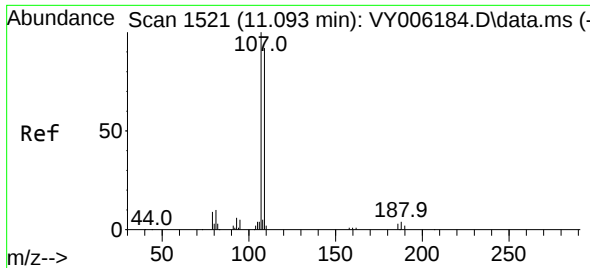
MMDadoda
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#60
Dibromochloromethane
Concen: 4.314 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.006 min
Lab File: VY006384.D
Acq: 13 Oct 2021 13:45

Tgt Ion: 129 Resp: 5622
Ion Ratio Lower Upper
129 100
127 78.5 38.7 116.1





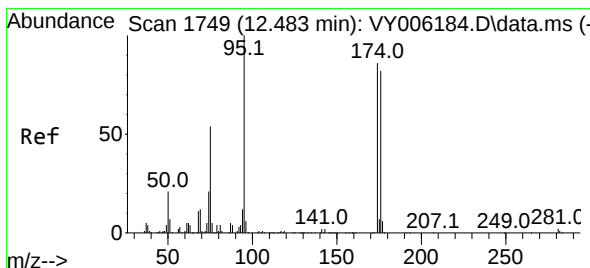
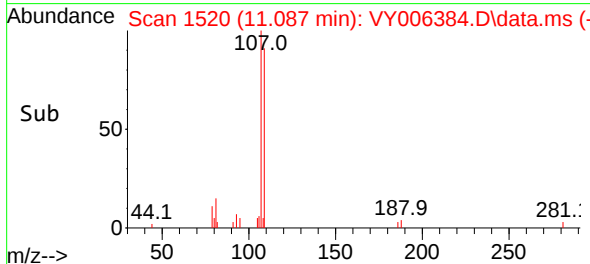
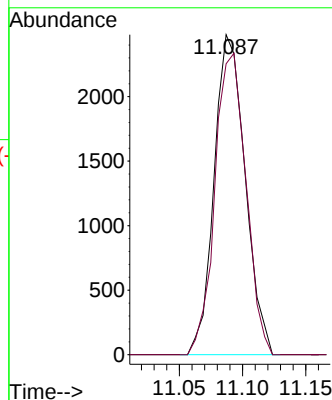
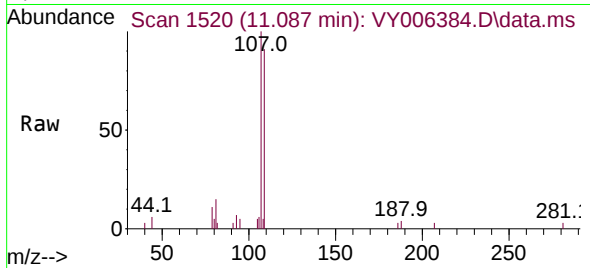
#61
1,2-Dibromoethane
Concen: 4.158 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.006 min
Lab File: VY006384.D
Acq: 13 Oct 2021 13:45

Tgt Ion: 107 Resp: 4223
Ion Ratio Lower Upper
107 100
109 94.5 75.4 113.2

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

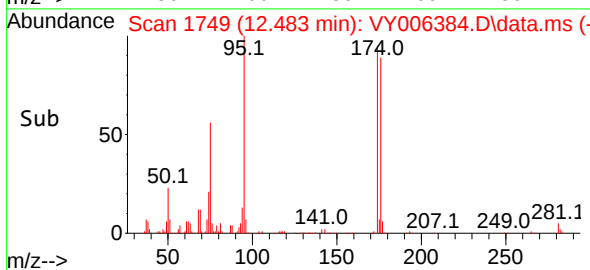
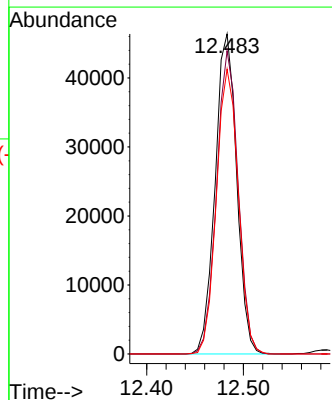
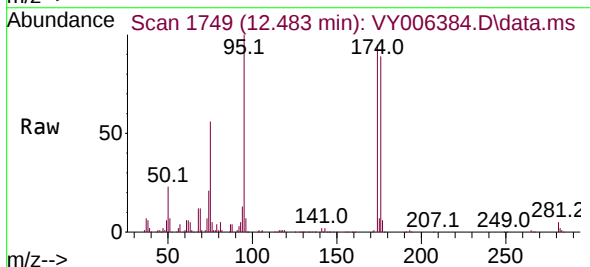
Manual Integrations
APPROVED

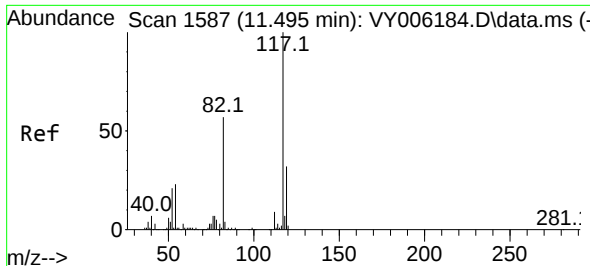
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#62
4-Bromofluorobenzene
Concen: 45.858 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006384.D
Acq: 13 Oct 2021 13:45

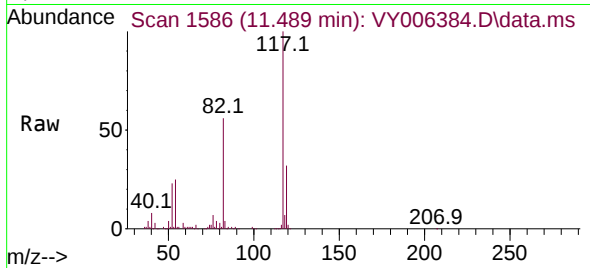
Tgt Ion: 95 Resp: 71765
Ion Ratio Lower Upper
95 100
174 94.7 0.0 177.0
176 90.2 0.0 175.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY006384.D
Acq: 13 Oct 2021 13:45

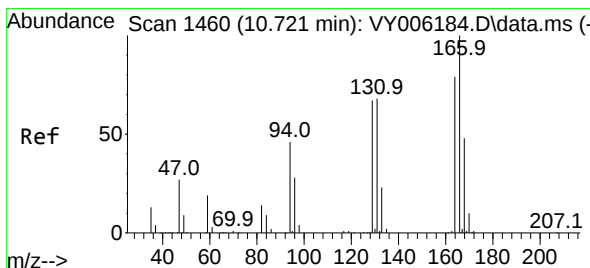
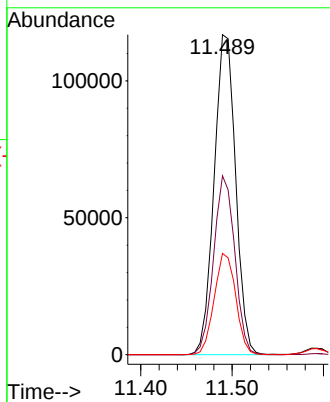
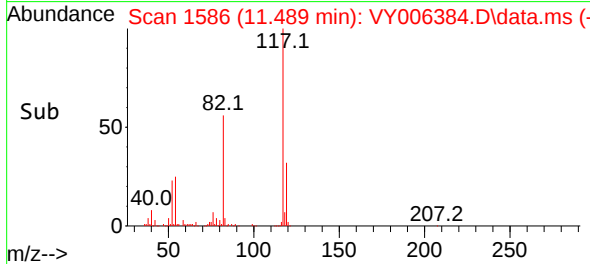
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



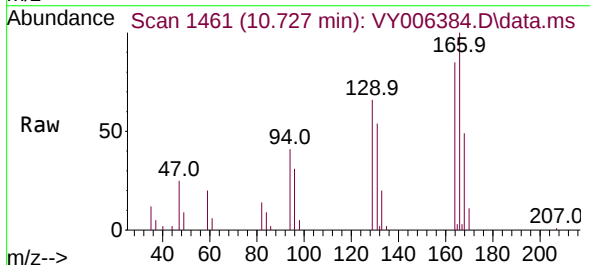
Tgt Ion:117 Resp: 191420
Ion Ratio Lower Upper
117 100
82 55.9 43.0 64.4
119 31.7 25.4 38.0

Manual Integrations
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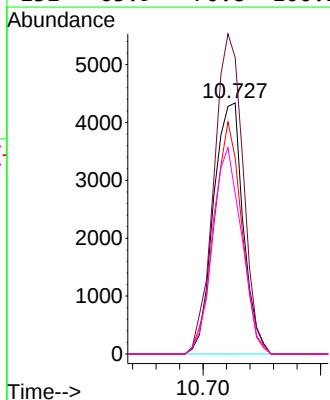
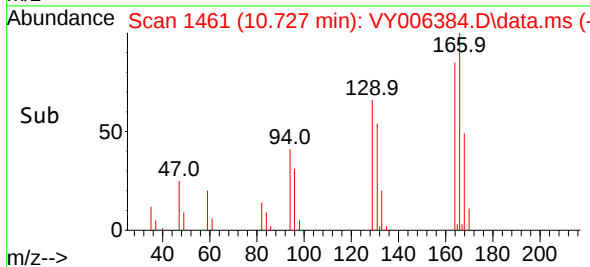
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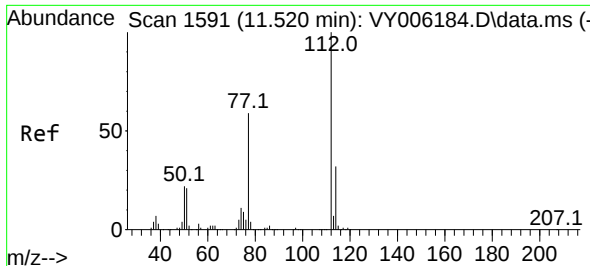


#64
Tetrachloroethene
Concen: 4.932 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. 0.006 min
Lab File: VY006384.D
Acq: 13 Oct 2021 13:45



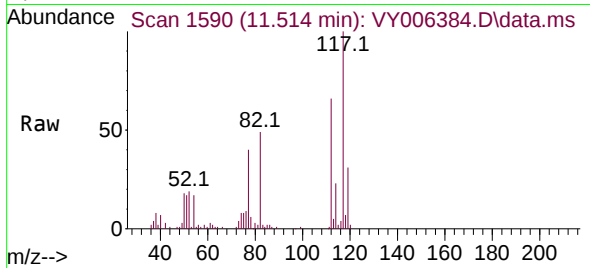
Tgt Ion:164 Resp: 7603
Ion Ratio Lower Upper
164 100
166 118.1 100.4 150.6
129 78.1 71.4 107.0
131 63.9 70.8 106.2#





#65
Chlorobenzene
Concen: 4.256 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY006384.D
Acq: 13 Oct 2021 13:45

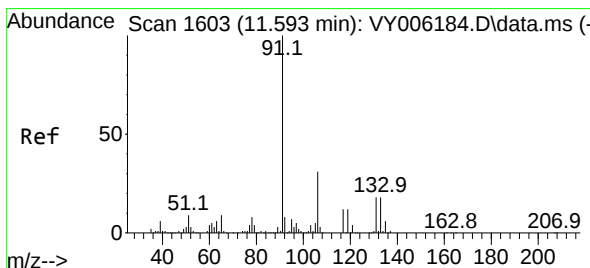
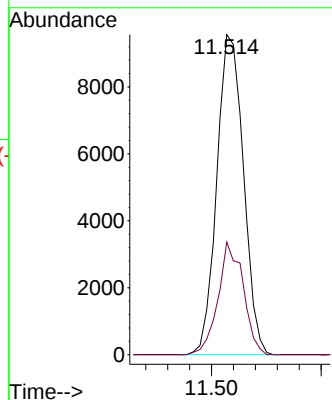
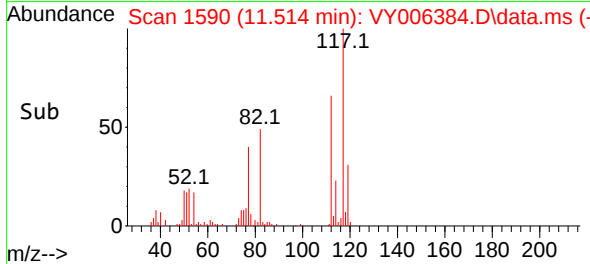
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



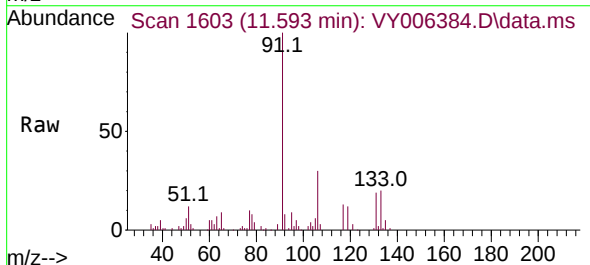
Tgt Ion:112 Resp: 16143
Ion Ratio Lower Upper
112 100
114 35.2 25.8 38.6

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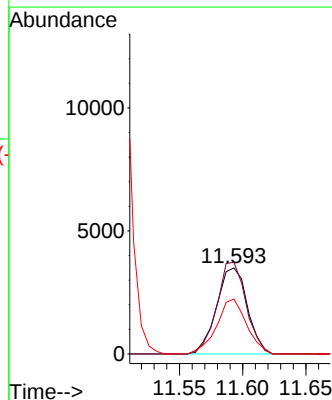
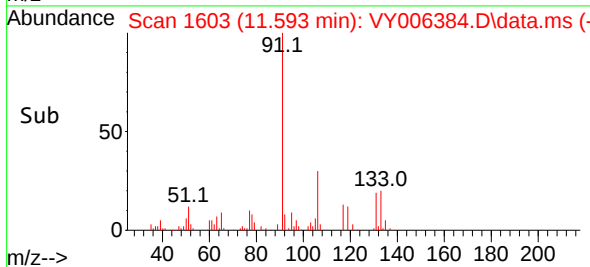
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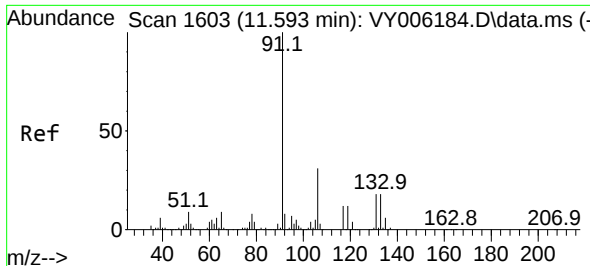


#66
1,1,1,2-Tetrachloroethane
Concen: 4.237 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY006384.D
Acq: 13 Oct 2021 13:45



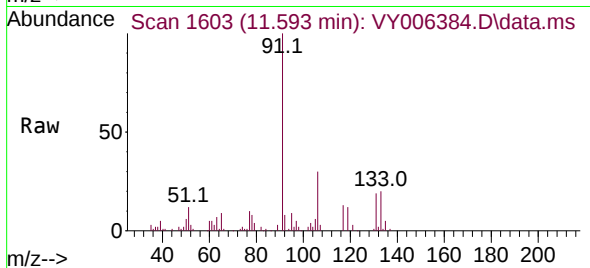
Tgt Ion:131 Resp: 5922
Ion Ratio Lower Upper
131 100
133 101.0 47.9 143.6
119 62.0 30.8 92.3





#67
Ethyl Benzene
Concen: 4.039 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY006384.D
Acq: 13 Oct 2021 13:45

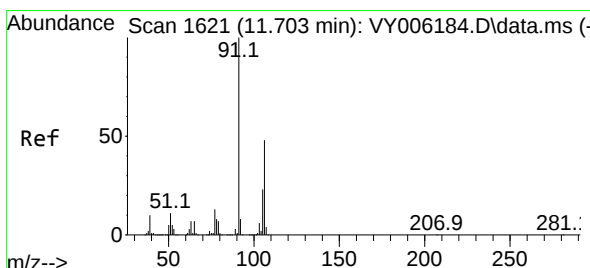
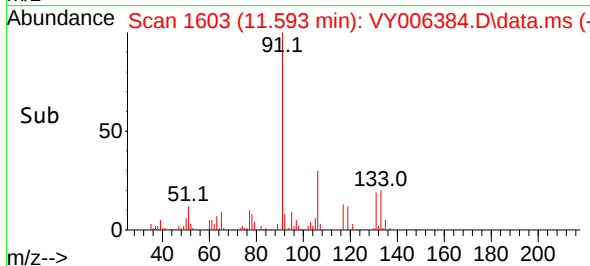
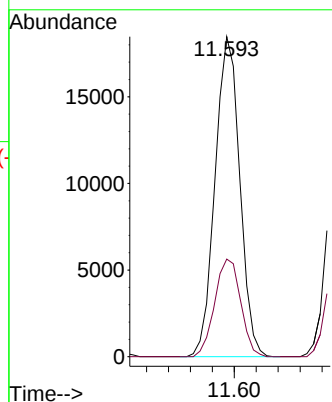
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



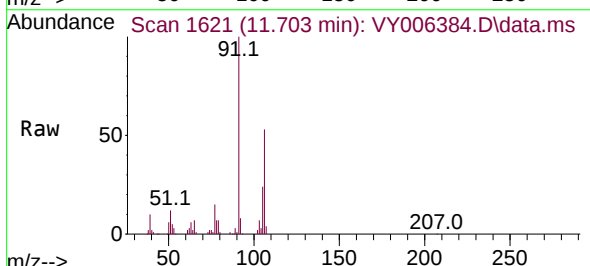
Tgt Ion: 91 Resp: 28878
Ion Ratio Lower Upper
91 100
106 30.5 24.5 36.7

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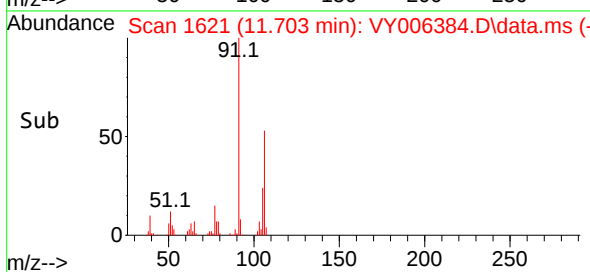
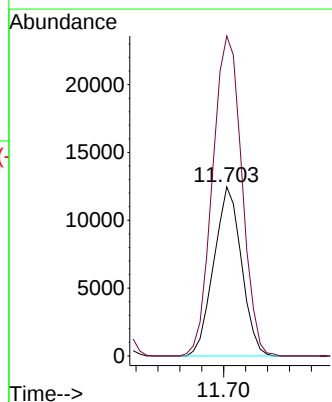
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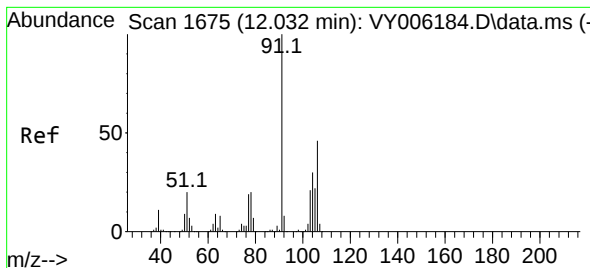


#68
m/p-Xylenes
Concen: 8.043 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY006384.D
Acq: 13 Oct 2021 13:45



Tgt Ion: 106 Resp: 21820
Ion Ratio Lower Upper
106 100
91 200.7 166.6 249.8





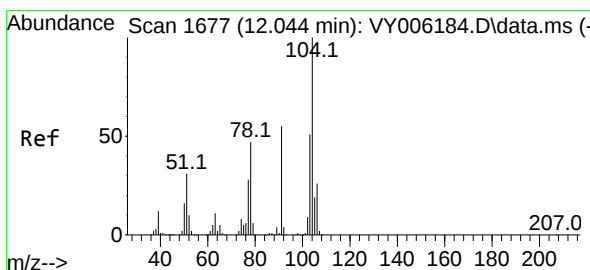
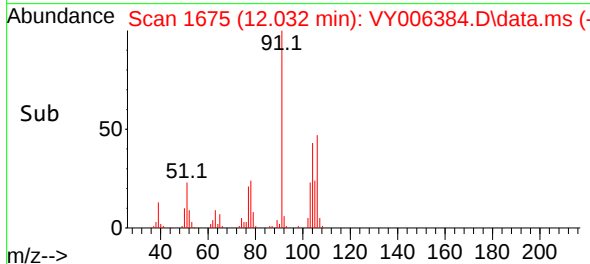
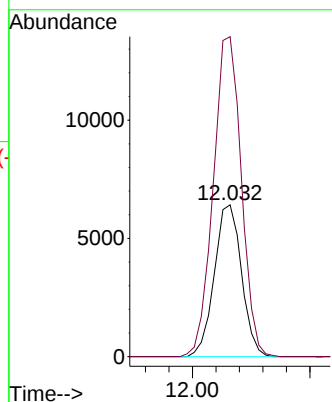
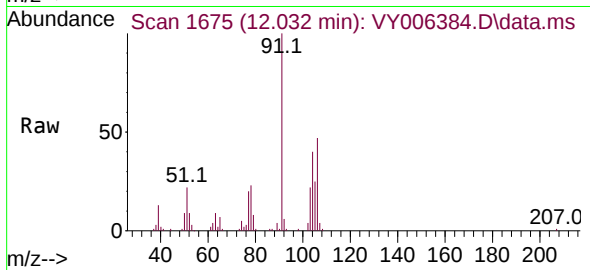
#69
o-Xylene
Concen: 4.022 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY006384.D
Acq: 13 Oct 2021 13:45

Tgt Ion:106 Resp: 10305
Ion Ratio Lower Upper
106 100
91 217.4 110.3 331.0

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

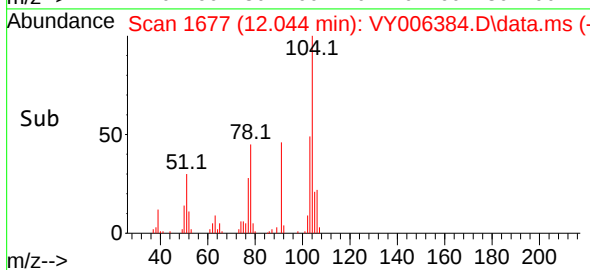
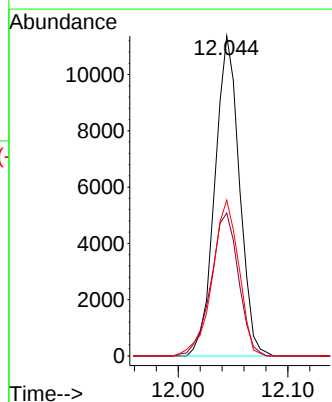
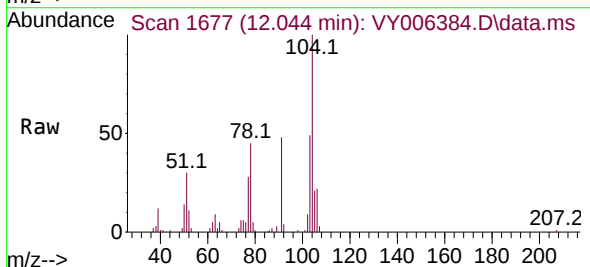
Manual Integrations
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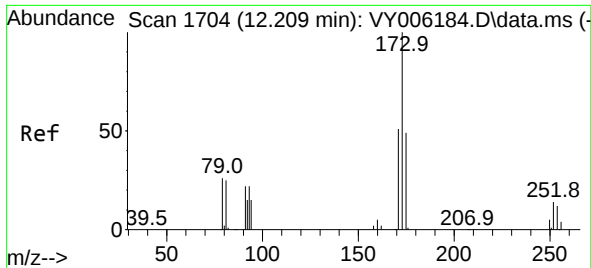
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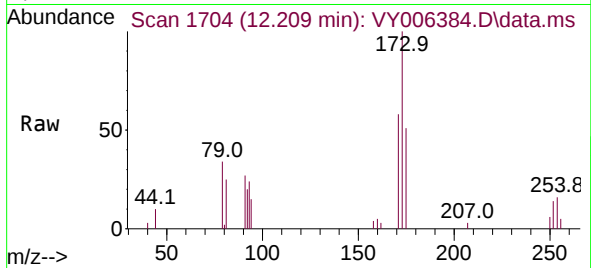
#70
Styrene
Concen: 4.063 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY006384.D
Acq: 13 Oct 2021 13:45

Tgt Ion:104 Resp: 17680
Ion Ratio Lower Upper
104 100
78 50.1 42.4 63.6
103 52.4 44.4 66.6

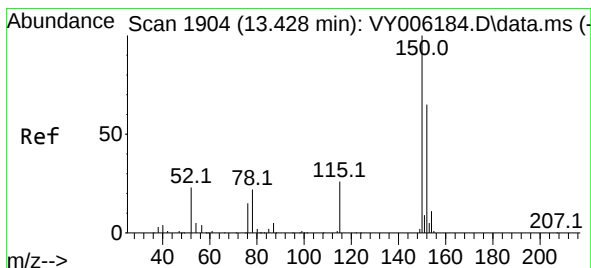
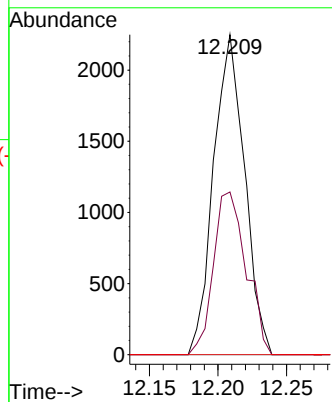
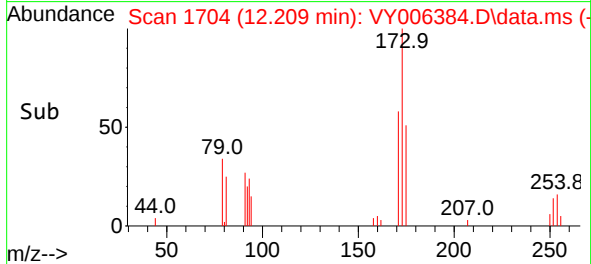




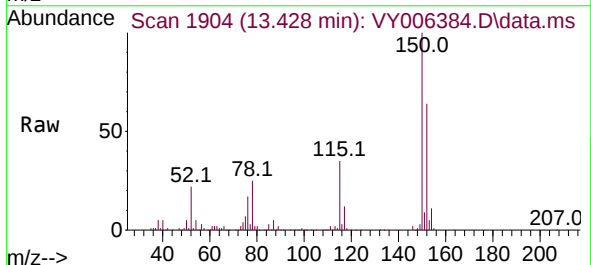
#71
Bromoform
Concen: 4.074 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VY006384.D
Acq: 13 Oct 2021 13:45



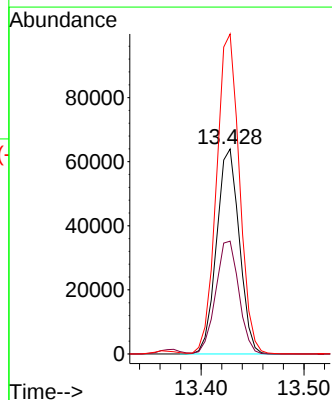
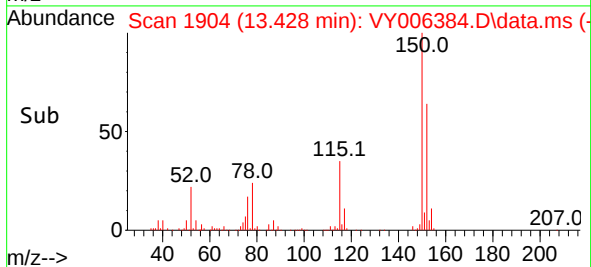
Tgt Ion:173 Resp: 3541
Ion Ratio Lower Upper
173 100
175 53.9 24.6 74.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006384.D
Acq: 13 Oct 2021 13:45



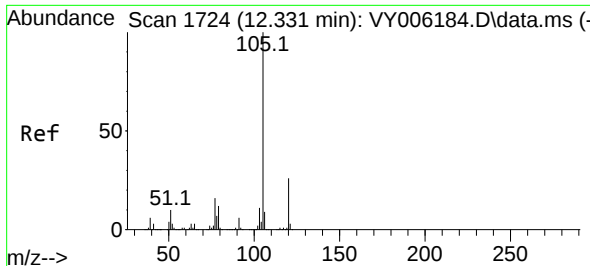
Tgt Ion:152 Resp: 98056
Ion Ratio Lower Upper
152 100
115 56.0 28.2 84.7
150 157.6 0.0 347.6



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

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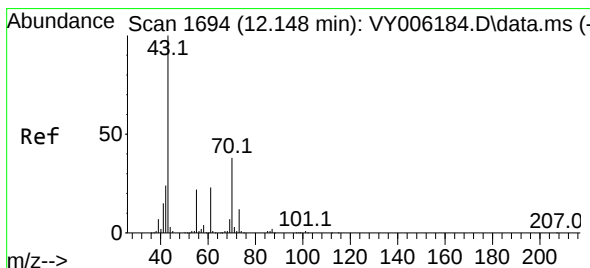
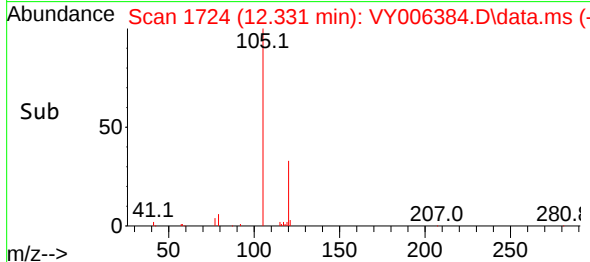
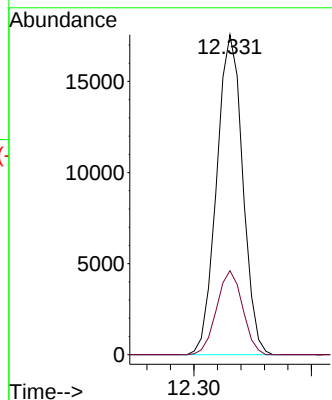
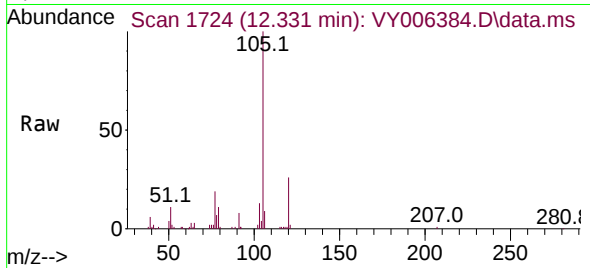
#73
Isopropylbenzene
Concen: 3.860 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY006384.D
Acq: 13 Oct 2021 13:45

Tgt Ion: 105 Resp: 27112
Ion Ratio Lower Upper
105 100
120 26.1 13.4 40.2

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

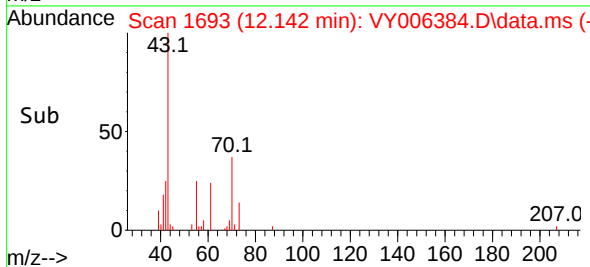
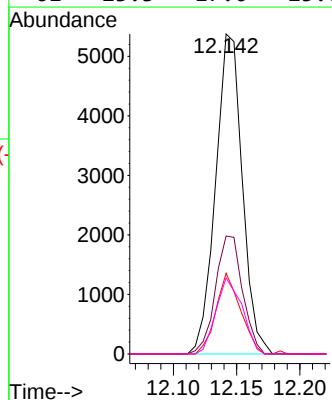
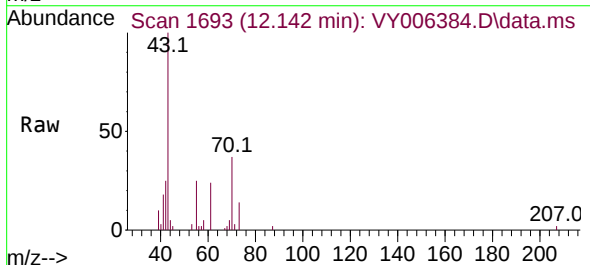
Manual Integrations
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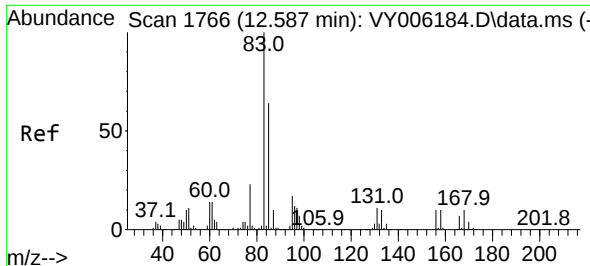
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#74
N-ethyl acetate
Concen: 3.615 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VY006384.D
Acq: 13 Oct 2021 13:45

Tgt Ion: 43 Resp: 7880
Ion Ratio Lower Upper
43 100
70 37.4 28.7 43.1
55 23.2 17.3 25.9
61 23.3 17.0 25.6





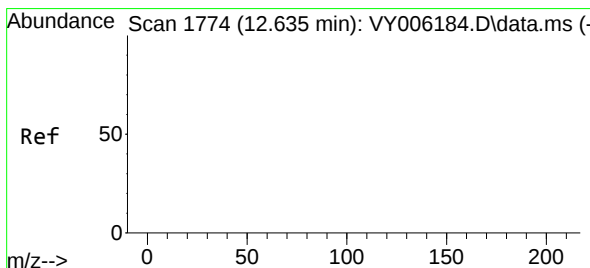
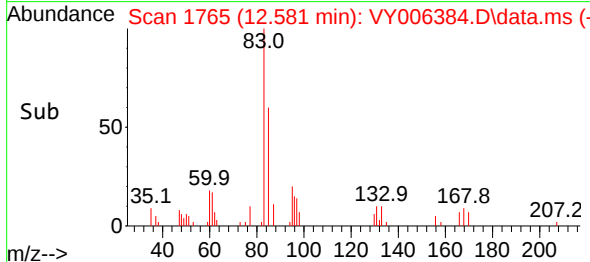
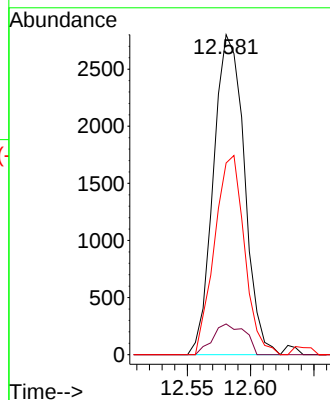
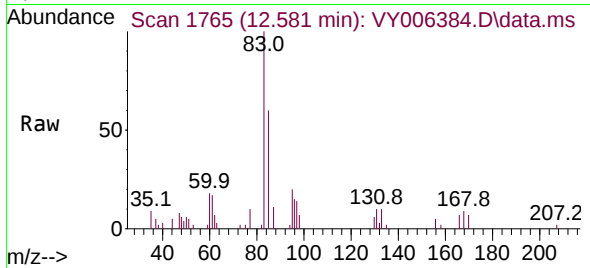
#75
1,1,2,2-Tetrachloroethane
Concen: 3.748 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.006 min
Lab File: VY006384.D
Acq: 13 Oct 2021 13:45

Tgt Ion: 83 Resp: 4755
Ion Ratio Lower Upper
83 100
131 10.0 5.6 16.8
85 60.3 32.3 96.8

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

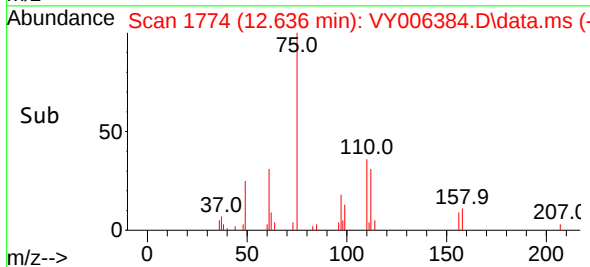
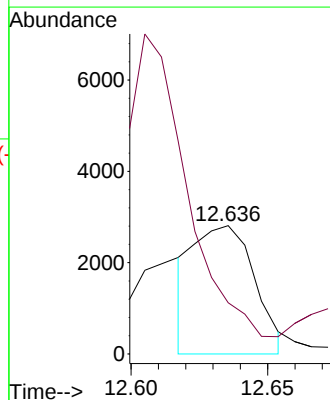
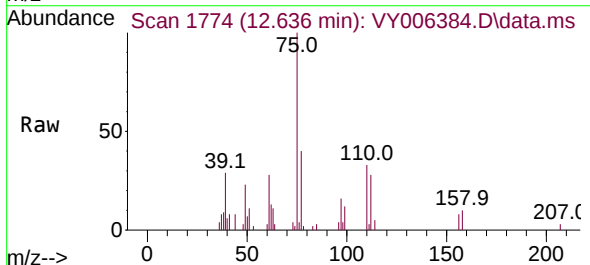
Manual Integrations
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#76
1,2,3-Trichloropropane
Concen: 4.588 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY006384.D
Acq: 13 Oct 2021 13:45

Tgt Ion: 75 Resp: 4373
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





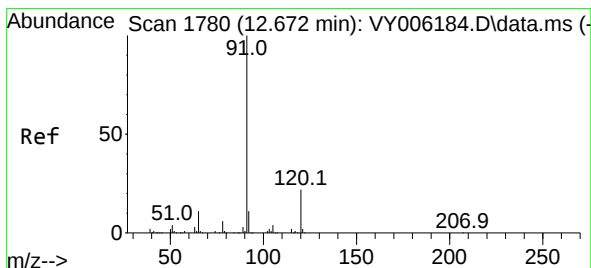
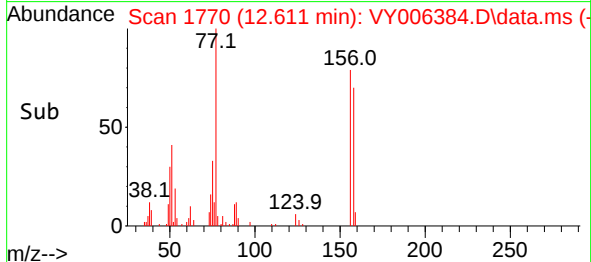
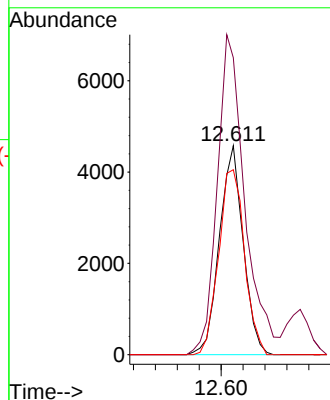
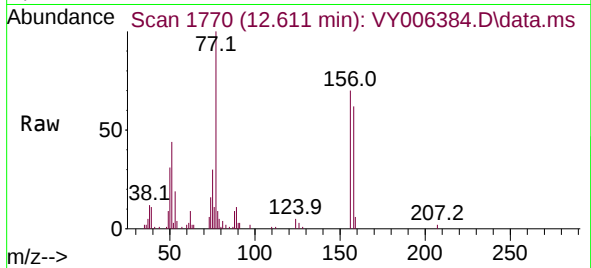
#77
Bromobenzene
Concen: 4.186 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY006384.D
Acq: 13 Oct 2021 13:45

Tgt Ion: 156 Resp: 6894
Ion Ratio Lower Upper
156 100
77 178.1 95.5 286.4
158 96.4 48.0 144.0

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

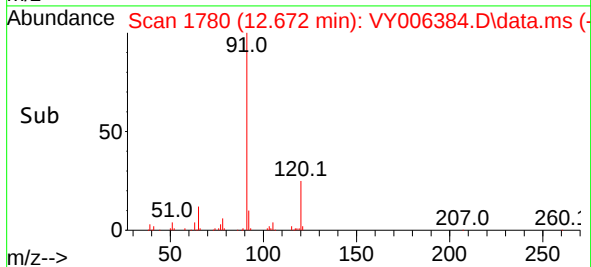
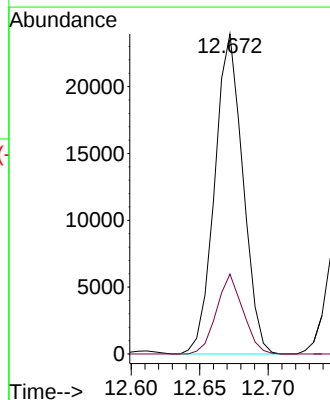
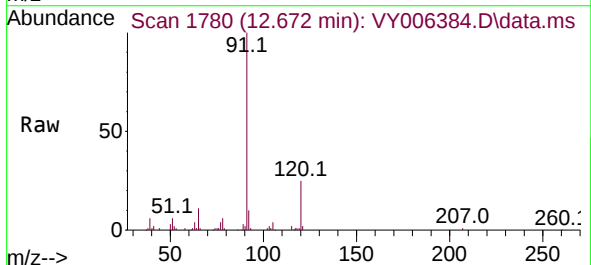
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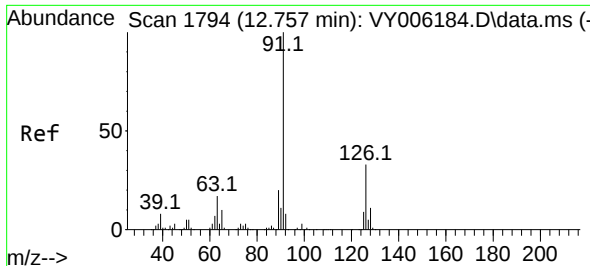
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#78
n-propylbenzene
Concen: 3.958 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY006384.D
Acq: 13 Oct 2021 13:45

Tgt Ion: 91 Resp: 34224
Ion Ratio Lower Upper
91 100
120 23.4 11.3 33.9





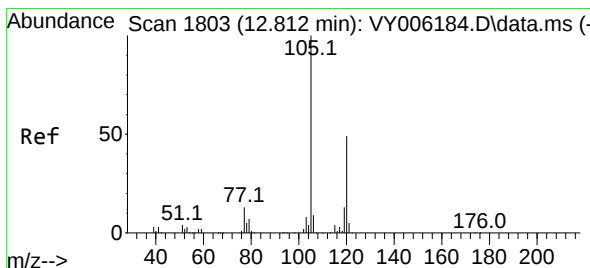
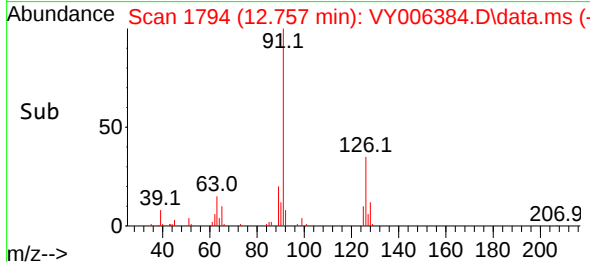
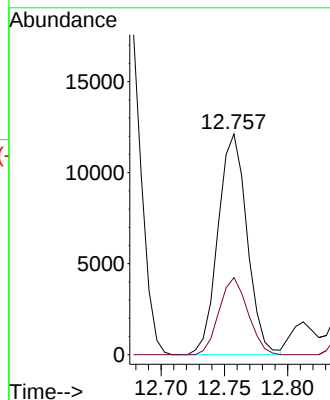
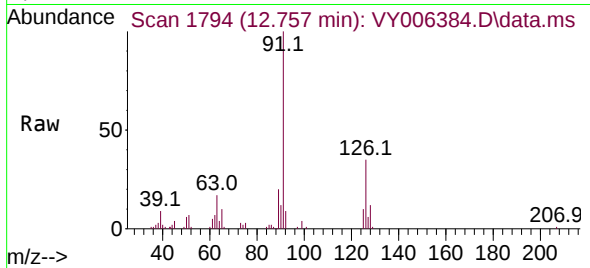
#79
2-Chlorotoluene
Concen: 4.049 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY006384.D
Acq: 13 Oct 2021 13:45

Tgt Ion: 91 Resp: 19372
Ion Ratio Lower Upper
91 100
126 34.5 16.9 50.6

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

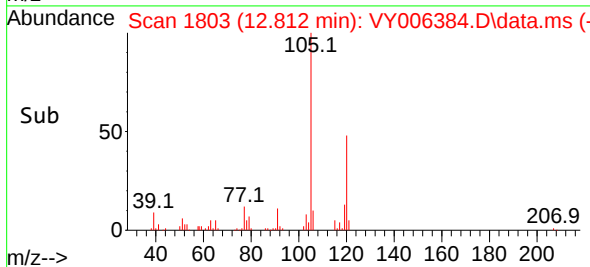
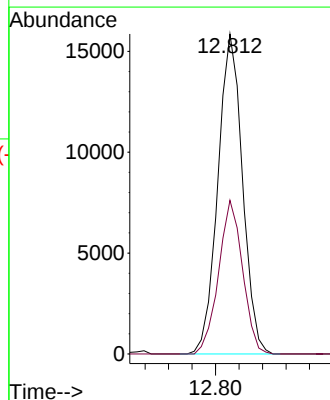
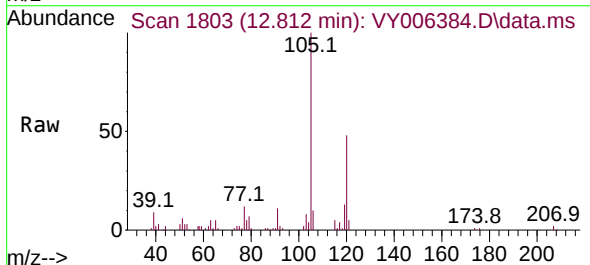
Manual Integrations
APPROVED

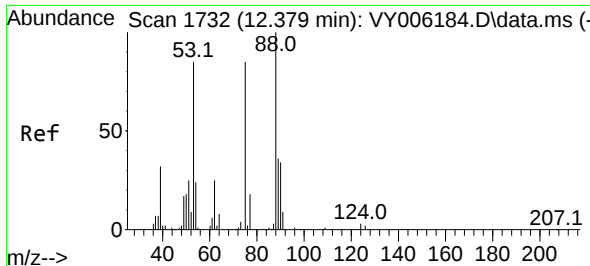
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#80
1,3,5-Trimethylbenzene
Concen: 3.926 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY006384.D
Acq: 13 Oct 2021 13:45

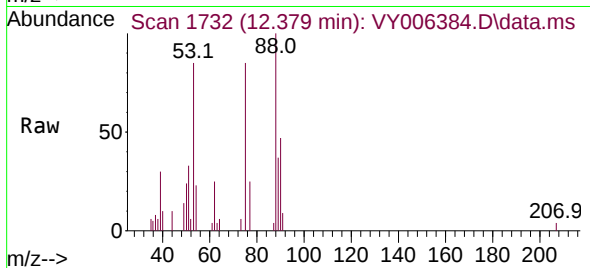
Tgt Ion: 105 Resp: 23058
Ion Ratio Lower Upper
105 100
120 46.8 24.4 73.4





#81
trans-1,4-Dichloro-2-butene
Concen: 3.949 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY006384.D
Acq: 13 Oct 2021 13:45

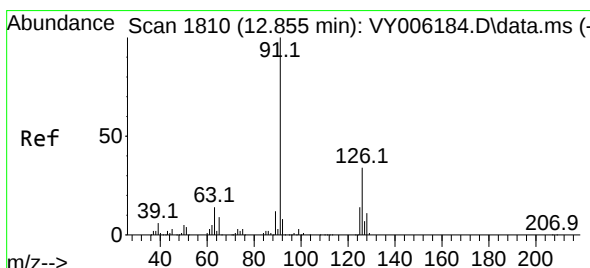
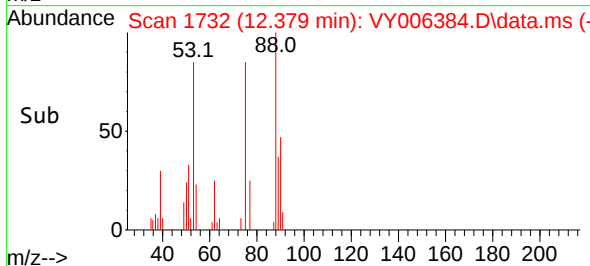
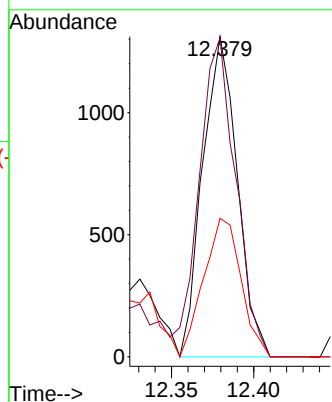
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



Tgt Ion	Ratio	Lower	Upper
75	100		
53	105.2	85.3	127.9
89	46.6	37.0	55.4

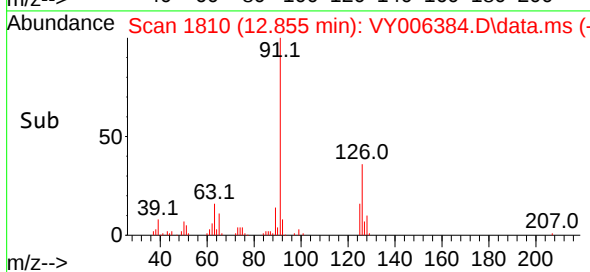
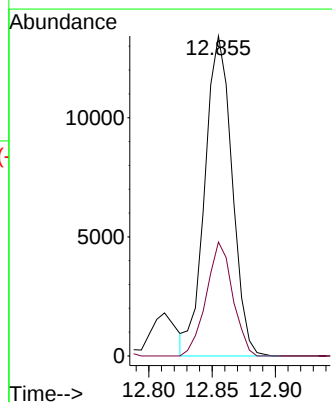
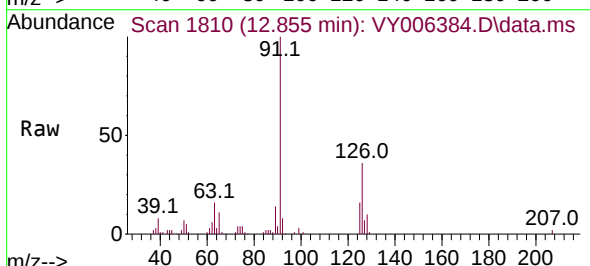
Manual Integrations
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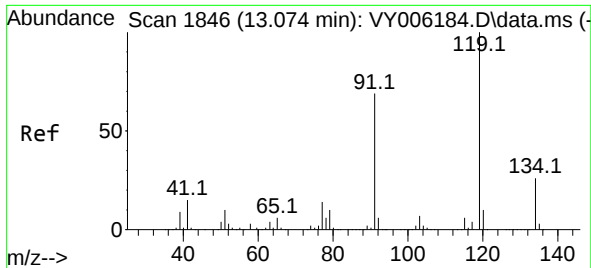
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#82
4-Chlorotoluene
Concen: 4.065 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY006384.D
Acq: 13 Oct 2021 13:45

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.4	17.0	51.0





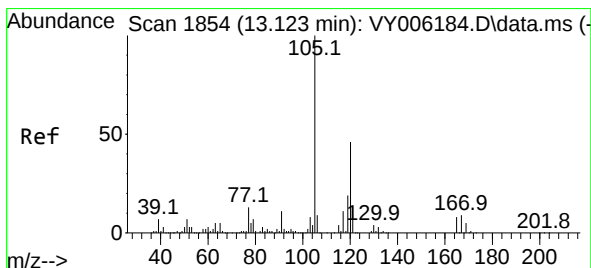
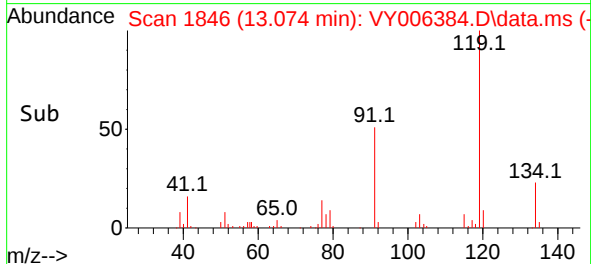
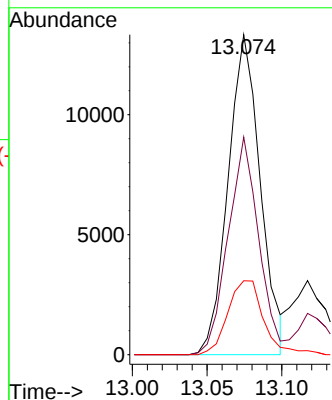
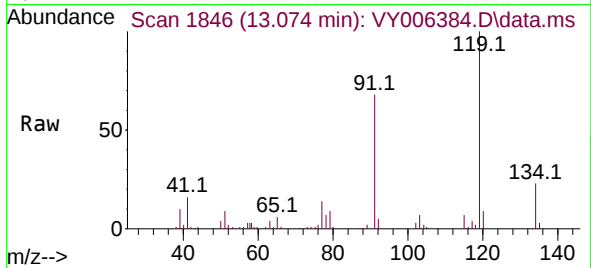
#83
tert-Butylbenzene
Concen: 3.982 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY006384.D
Acq: 13 Oct 2021 13:45

Tgt Ion:119 Resp: 19992
Ion Ratio Lower Upper
119 100
91 65.6 34.8 104.4
134 25.9 13.3 39.9

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

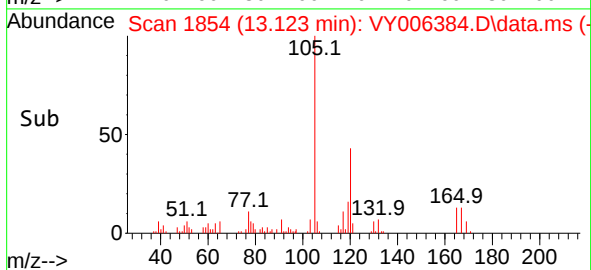
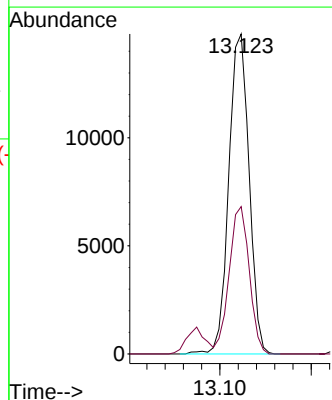
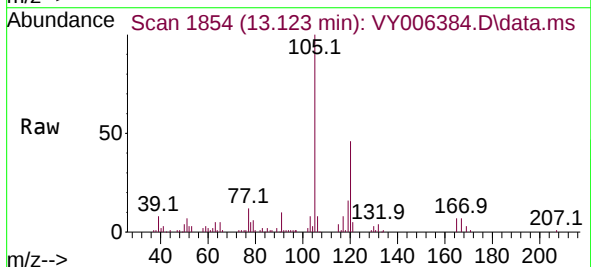
Manual Integrations
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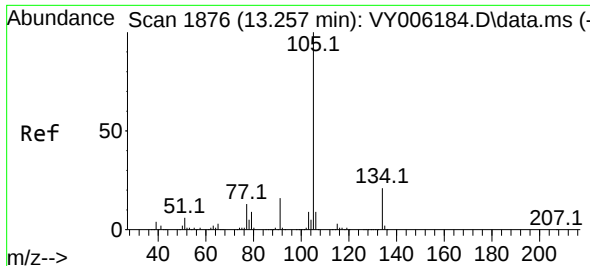
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#84
1,2,4-Trimethylbenzene
Concen: 3.941 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY006384.D
Acq: 13 Oct 2021 13:45

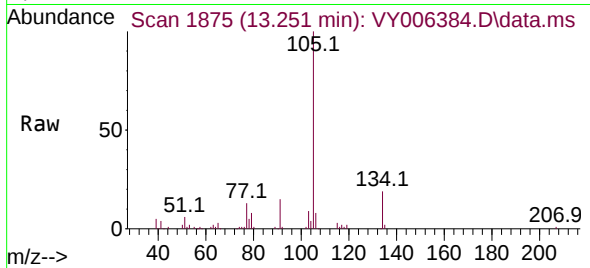
Tgt Ion:105 Resp: 22854
Ion Ratio Lower Upper
105 100
120 45.6 22.3 66.9





#85
 sec-Butylbenzene
 Concen: 3.966 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.006 min
 Lab File: VY006384.D
 Acq: 13 Oct 2021 13:45

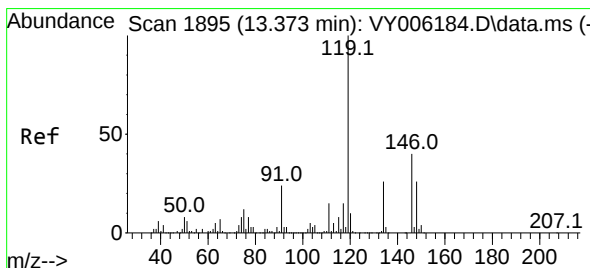
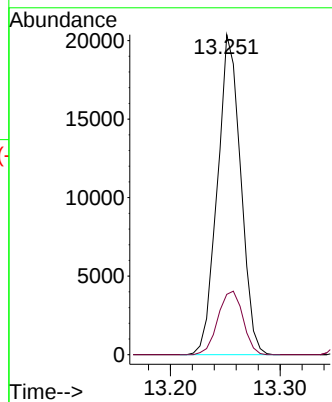
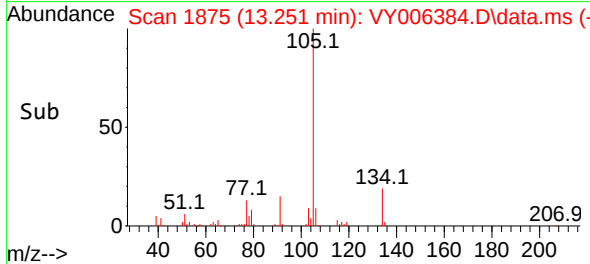
Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2021



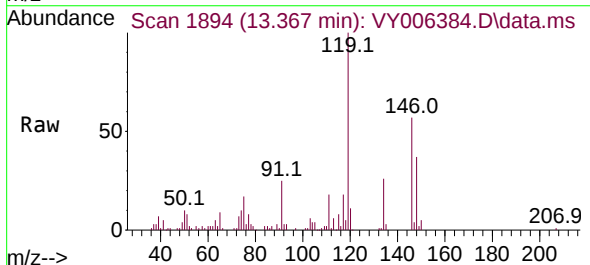
Tgt Ion:105 Resp: 30093
 Ion Ratio Lower Upper
 105 100
 134 21.3 10.2 30.4

Manual Integrations
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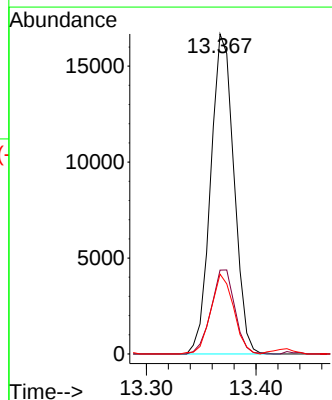
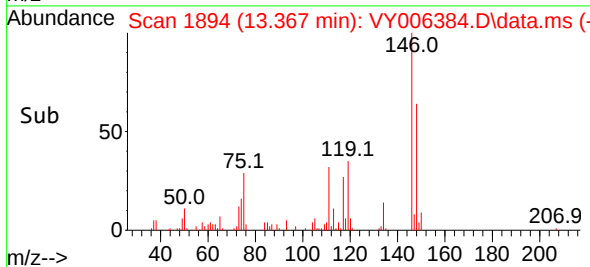
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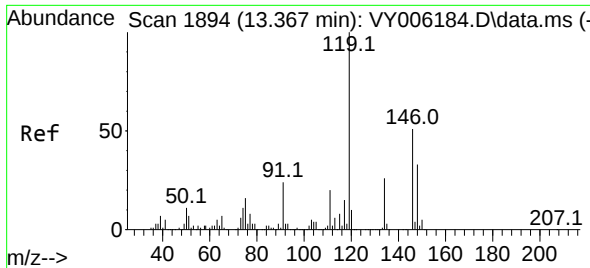


#86
 p-Isopropyltoluene
 Concen: 3.839 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.006 min
 Lab File: VY006384.D
 Acq: 13 Oct 2021 13:45



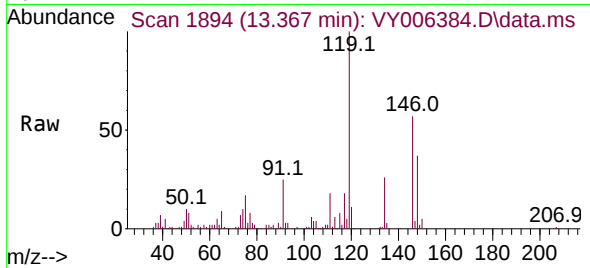
Tgt Ion:119 Resp: 24585
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.2 39.5
 91 24.5 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 4.239 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY006384.D
Acq: 13 Oct 2021 13:45

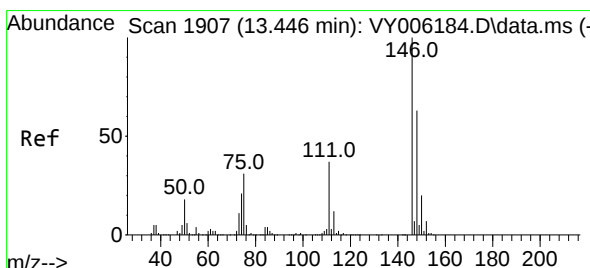
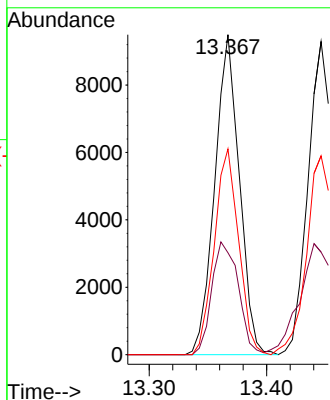
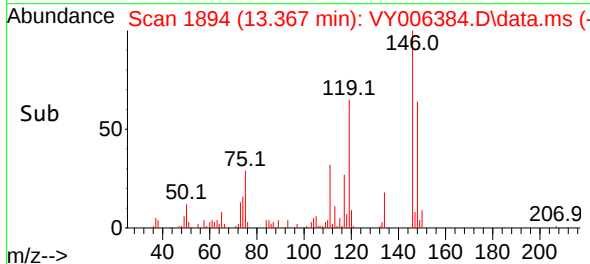
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



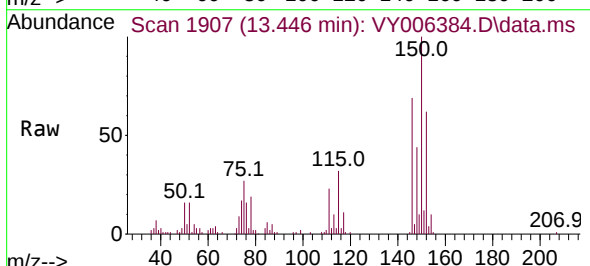
Tgt Ion:146 Resp: 13832
Ion Ratio Lower Upper
146 100
111 38.0 19.5 58.5
148 63.6 31.6 95.0

Manual Integrations
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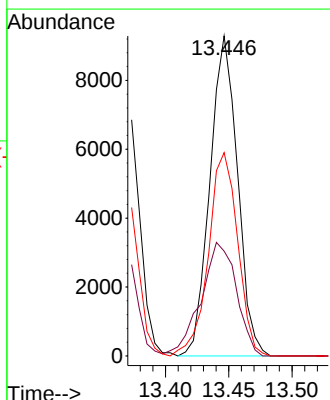
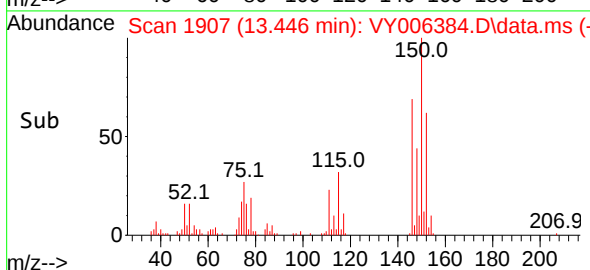
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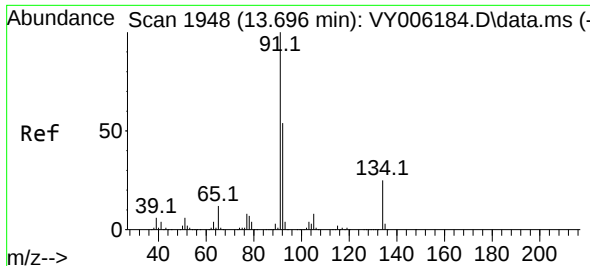


#88
1,4-Dichlorobenzene
Concen: 4.378 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY006384.D
Acq: 13 Oct 2021 13:45



Tgt Ion:146 Resp: 14086
Ion Ratio Lower Upper
146 100
111 45.6 19.3 57.8
148 67.2 32.6 97.8





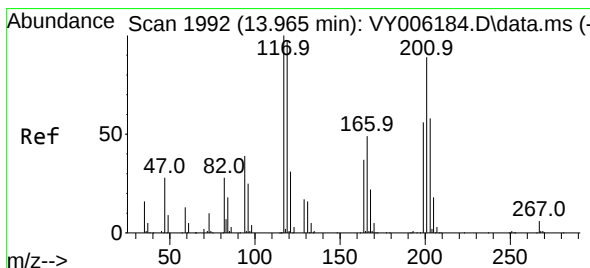
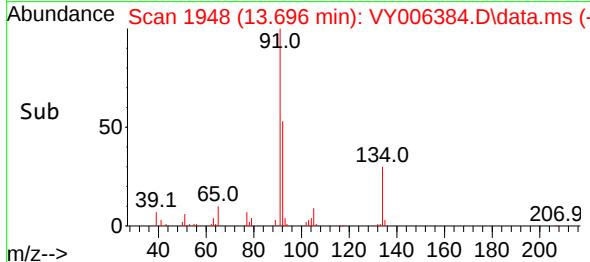
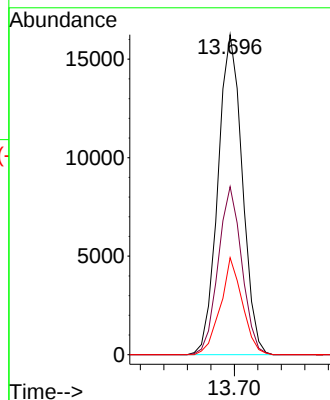
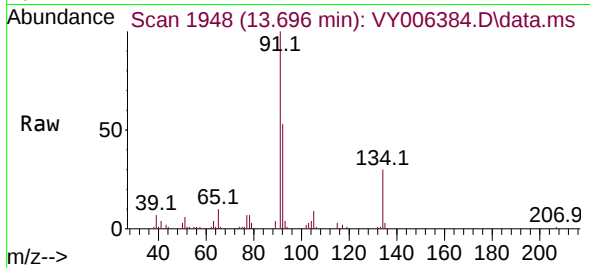
#89
n-Butylbenzene
Concen: 3.843 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY006384.D
Acq: 13 Oct 2021 13:45

Tgt Ion:	91	Resp:	23381
Ion	Ratio	Lower	Upper
91	100		
92	51.1	26.3	78.9
134	27.4	13.0	38.9

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

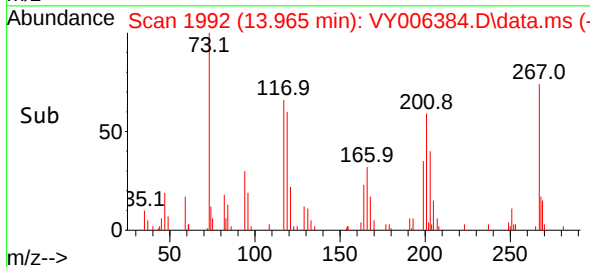
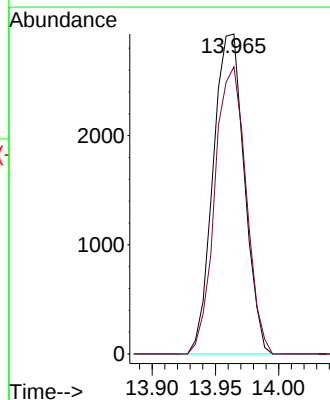
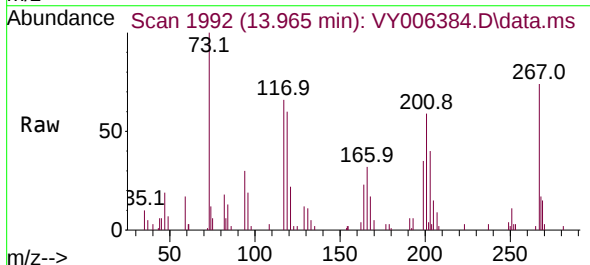
Manual Integrations
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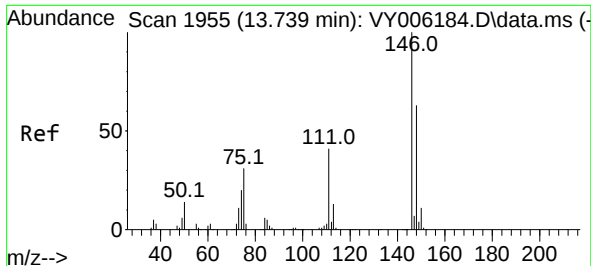
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#90
Hexachloroethane
Concen: 4.326 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.000 min
Lab File: VY006384.D
Acq: 13 Oct 2021 13:45

Tgt Ion:	117	Resp:	5030
Ion	Ratio	Lower	Upper
117	100		
201	89.6	43.0	128.8





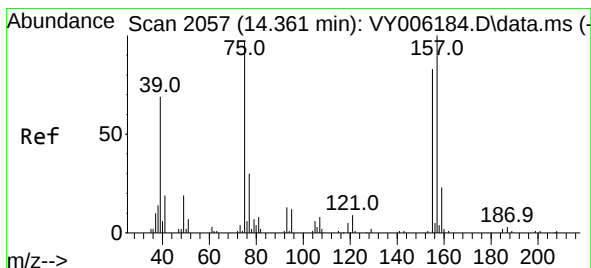
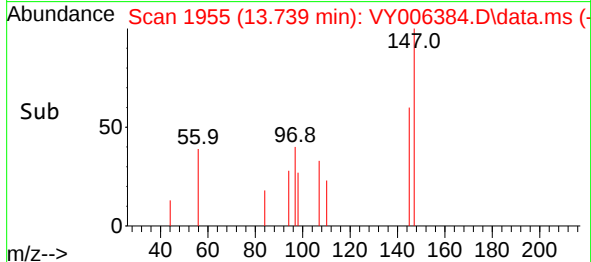
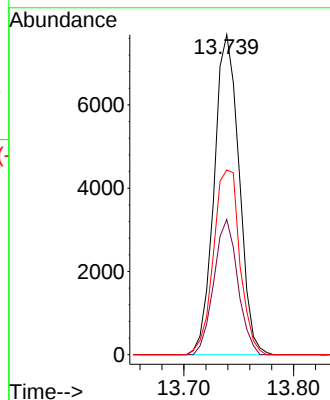
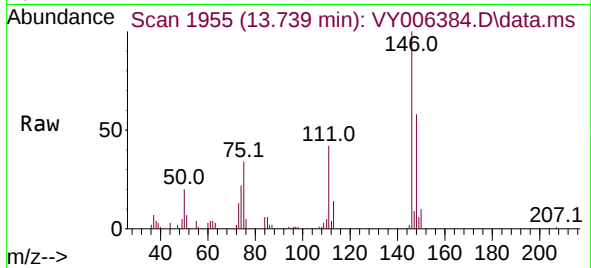
#91
1,2-Dichlorobenzene
Concen: 4.257 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY006384.D
Acq: 13 Oct 2021 13:45

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.3	60.9
148	61.2	32.3	96.9

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

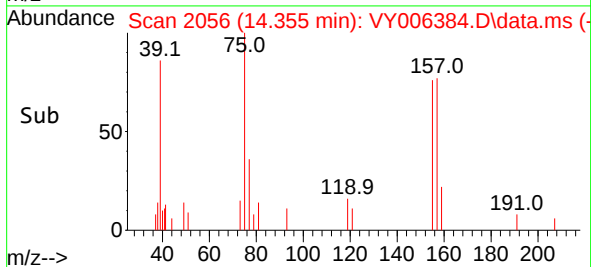
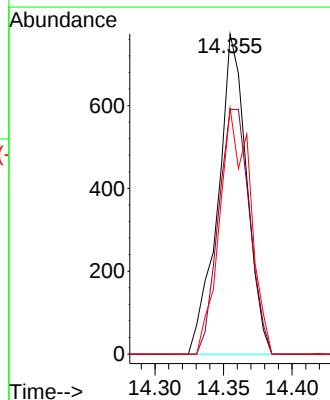
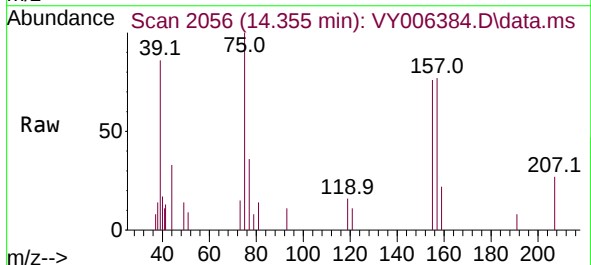
Manual Integrations
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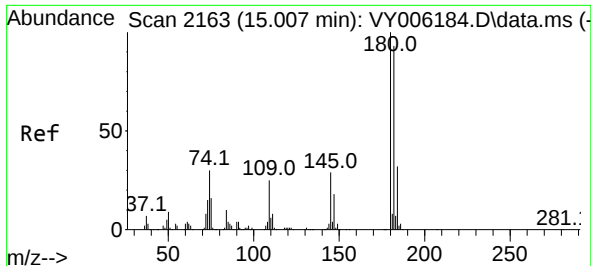
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#92
1,2-Dibromo-3-Chloropropane
Concen: 4.663 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.006 min
Lab File: VY006384.D
Acq: 13 Oct 2021 13:45

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.7	38.0	113.9
157	81.6	47.8	143.3





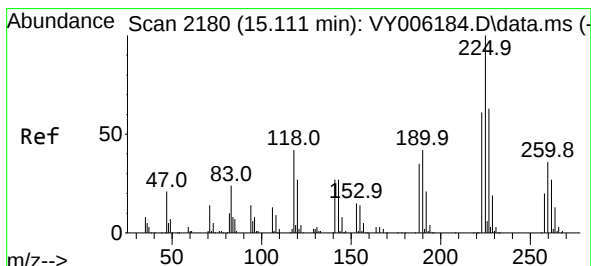
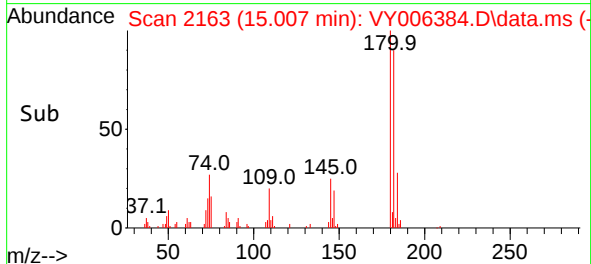
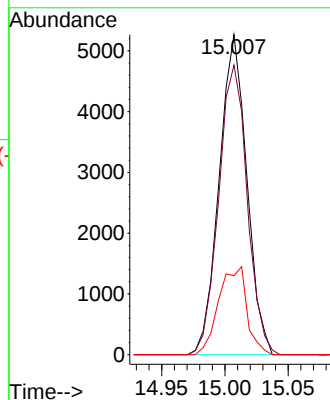
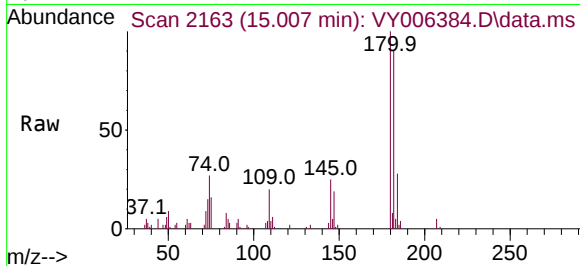
#93
1,2,4-Trichlorobenzene
Concen: 4.239 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY006384.D
Acq: 13 Oct 2021 13:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.4	47.3	141.9
145	28.0	14.6	43.8

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

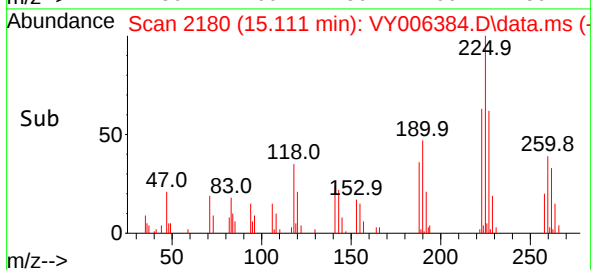
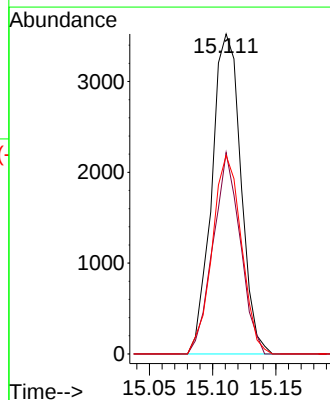
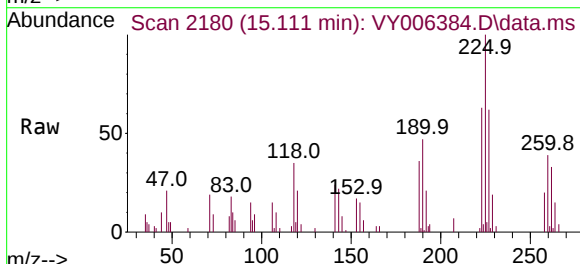
Manual Integrations
APPROVED

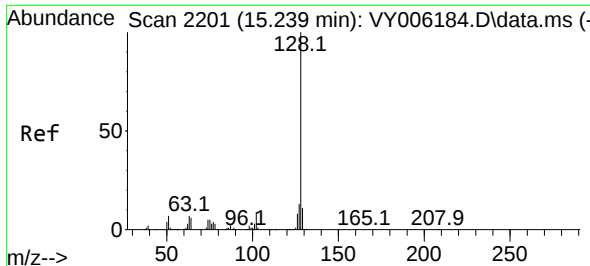
MMDadoda
10/18/2021 5:21:35 PM



#94
Hexachlorobutadiene
Concen: 4.577 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. 0.000 min
Lab File: VY006384.D
Acq: 13 Oct 2021 13:45

Tgt Ion	Ratio	Lower	Upper
225	100		
223	58.8	30.8	92.3
227	62.3	31.6	94.7





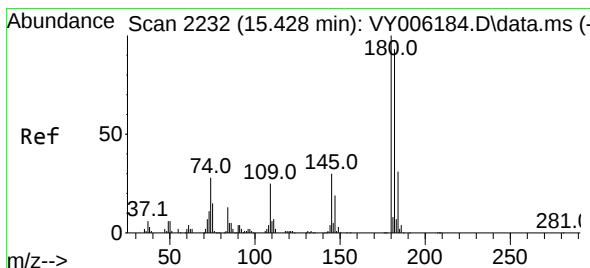
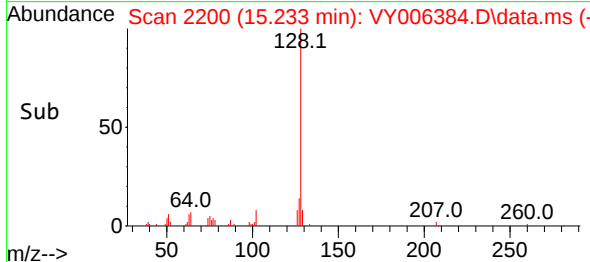
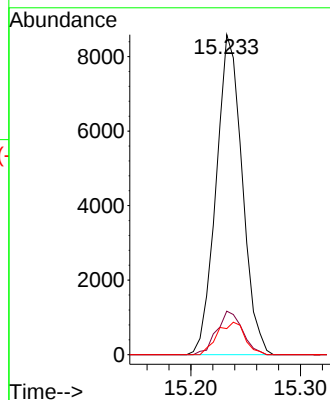
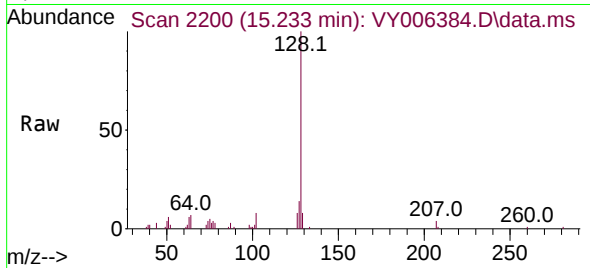
#95
Naphthalene
Concen: 3.793 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.006 min
Lab File: VY006384.D
Acq: 13 Oct 2021 13:45

Tgt Ion:	128	Resp:	14206
Ion Ratio	Lower	Upper	
128	100		
127	13.4	11.0	16.4
129	10.7	8.4	12.6

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

Manual Integrations
APPROVED

MMDadoda
10/18/2021 5:21:35 PM



#96
1,2,3-Trichlorobenzene
Concen: 4.251 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.006 min
Lab File: VY006384.D
Acq: 13 Oct 2021 13:45

Tgt Ion:	180	Resp:	7104
Ion Ratio	Lower	Upper	
180	100		
182	95.5	47.3	141.9
145	28.9	15.3	45.9

