

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051021\
 Data File : VY004731.D
 Acq On : 10 May 2021 15:53
 Operator : SY/MD
 Sample : M2262-01 2.5PPBLOD
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

MMDadoda
 5/11/2021 10:36:03 AM

Quant Time: May 11 04:33:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 11 04:33:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	181642	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	300463	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	272362	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	127062	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	122159	56.50	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.00%			
35) Dibromofluoromethane	7.728	113	97983	59.57	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 119.14%			
50) Toluene-d8	10.185	98	400845	53.95	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.90%			
62) 4-Bromofluorobenzene	12.483	95	131256	52.34	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 104.68%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	4160	2.50	ug/l	95
3) Chloromethane	2.119	50	8218	3.05	ug/l	93
4) Vinyl Chloride	2.253	62	7216	2.62	ug/l	96
5) Bromomethane	2.662	94	4656	3.31	ug/l	99
6) Chloroethane	2.802	64	4189	2.57	ug/l	89
7) Trichlorofluoromethane	3.131	101	8933	2.73	ug/l	94
8) Diethyl Ether	3.540	74	3335	2.88	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.905	101	5152	2.77	ug/l	98
10) Methyl Iodide	4.100	142	6188	3.12	ug/l	97
11) Tert butyl alcohol	4.978	59	4268	19.64	ug/l #	86
12) 1,1-Dichloroethene	3.875	96	4736	2.64	ug/l	95
13) Acrolein	3.735	56	3361	13.16	ug/l	98
14) Allyl chloride	4.485	41	9683	2.76	ug/l	95
15) Acrylonitrile	5.180	53	7574	13.06	ug/l #	88
16) Acetone	3.960	43	8500	17.50	ug/l	90
17) Carbon Disulfide	4.198	76	15489	2.82	ug/l	96
18) Methyl Acetate	4.491	43	4735	3.06	ug/l	100
19) Methyl tert-butyl Ether	5.228	73	12583	2.55	ug/l	95
20) Methylene Chloride	4.728	84	23408	7.52	ug/l	94
21) trans-1,2-Dichloroethene	5.228	96	5541	2.72	ug/l	94
22) Diisopropyl ether	6.131	45	16777	2.49	ug/l	95
23) Vinyl Acetate	6.076	43	59638	11.77	ug/l	99
24) 1,1-Dichloroethane	6.027	63	10123	2.67	ug/l	98
25) 2-Butanone	6.996	43	11378	13.19	ug/l	94
26) 2,2-Dichloropropane	6.996	77	8537	2.57	ug/l	98
27) cis-1,2-Dichloroethene	6.996	96	6292	2.78	ug/l	93
28) Bromochloromethane	7.344	49	4453	2.40	ug/l #	96
29) Tetrahydrofuran	7.362	42	6718	12.21	ug/l	99
30) Chloroform	7.514	83	9918	2.65	ug/l	93
31) Cyclohexane	7.795	56	12370	3.53	ug/l #	60
32) 1,1,1-Trichloroethane	7.716	97	9084	2.71	ug/l	98
36) 1,1-Dichloropropene	7.923	75	8923	2.90	ug/l	93
37) Ethyl Acetate	7.082	43	5984	2.84	ug/l	99
38) Carbon Tetrachloride	7.911	117	5840	2.11	ug/l #	89
39) Methylcyclohexane	9.185	83	8538	2.54	ug/l	95
40) Benzene	8.167	78	23031	2.65	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.325	41	2516m	2.18	ug/l	
42) 1,2-Dichloroethane	8.246	62	7417	2.70	ug/l	99
43) Isopropyl Acetate	8.277	43	9840	2.51	ug/l	93
44) Trichloroethene	8.947	130	6453	2.76	ug/l	94
45) 1,2-Dichloropropane	9.222	63	5720	2.51	ug/l	96
46) Dibromomethane	9.313	93	3261	2.57	ug/l	95
47) Bromodichloromethane	9.502	83	7354	2.45	ug/l	97
48) Methyl methacrylate	9.295	41	4014	2.25	ug/l	96
49) 1,4-Dioxane	9.295	88	738	49.49	ug/l #	80
51) 4-Methyl-2-Pentanone	10.075	43	24909	11.82	ug/l	99
52) Toluene	10.246	92	14688	2.67	ug/l	96
53) t-1,3-Dichloropropene	10.471	75	8781	2.64	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	9495	2.56	ug/l	96
55) 1,1,2-Trichloroethane	10.648	97	4238	2.43	ug/l	91
56) Ethyl methacrylate	10.514	69	5262	2.09	ug/l	91
57) 1,3-Dichloropropane	10.794	76	7489	2.42	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	14303	10.99	ug/l	97
59) 2-Hexanone	10.837	43	16280	11.40	ug/l	100
60) Dibromochloromethane	10.989	129	5020	2.42	ug/l	95
61) 1,2-Dibromoethane	11.093	107	4097	2.44	ug/l	96
64) Tetrachloroethene	10.721	164	6904	2.81	ug/l	94
65) Chlorobenzene	11.520	112	15404	2.75	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	4887	2.40	ug/l	89
67) Ethyl Benzene	11.593	91	27490	2.64	ug/l	96
68) m/p-Xylenes	11.703	106	19617	5.01	ug/l	98
69) o-Xylene	12.032	106	8974	2.45	ug/l	98
70) Styrene	12.044	104	14124	2.30	ug/l	98
71) Bromoform	12.209	173	2927	2.37	ug/l #	98
73) Isopropylbenzene	12.331	105	24543	2.56	ug/l	100
74) N-amyl acetate	12.148	43	7574	2.23	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.587	83	4916	2.57	ug/l	94
76) 1,2,3-Trichloropropane	12.629	75	3854m	2.86	ug/l	
77) Bromobenzene	12.611	156	5928	2.74	ug/l	100
78) n-propylbenzene	12.672	91	31157	2.66	ug/l	99
79) 2-Chlorotoluene	12.757	91	17848	2.78	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	20207	2.54	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	2080m	2.67	ug/l	
82) 4-Chlorotoluene	12.855	91	18473	2.77	ug/l	99
83) tert-Butylbenzene	13.074	119	18044	2.66	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	19966	2.51	ug/l	96
85) sec-Butylbenzene	13.257	105	26576	2.69	ug/l	99
86) p-Isopropyltoluene	13.373	119	21989	2.57	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	12146	2.86	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	12877	3.08	ug/l	90
89) n-Butylbenzene	13.696	91	22174	2.65	ug/l	99
90) Hexachloroethane	13.958	117	3149	2.61	ug/l	98
91) 1,2-Dichlorobenzene	13.745	146	10812	2.89	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	1245m	3.48	ug/l	
93) 1,2,4-Trichlorobenzene	15.013	180	7218	2.99	ug/l	96
94) Hexachlorobutadiene	15.117	225	4175	3.19	ug/l	96
95) Naphthalene	15.239	128	15409	2.95	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	6492	3.04	ug/l	94

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Manual Integrations
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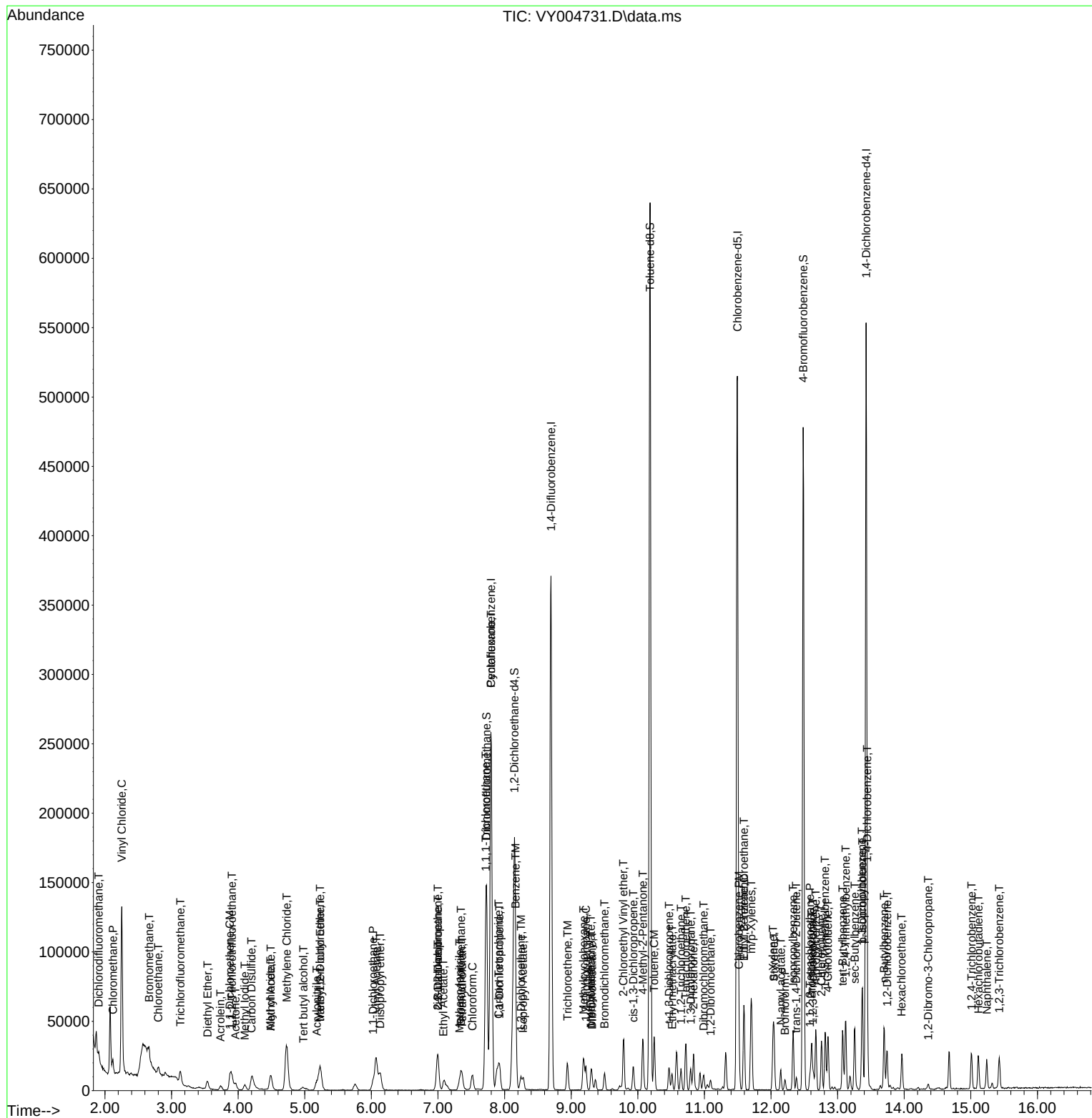
Quant Time: May 11 04:33:34 2021
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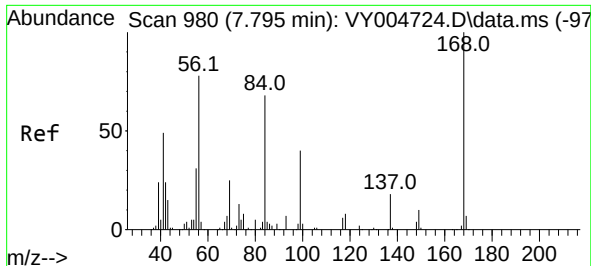
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

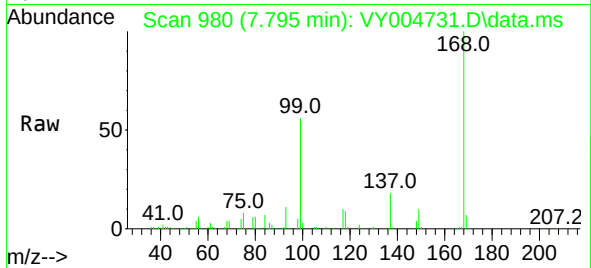
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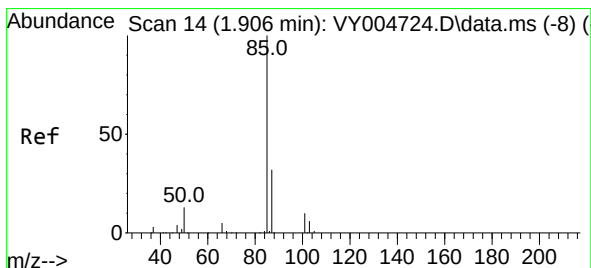
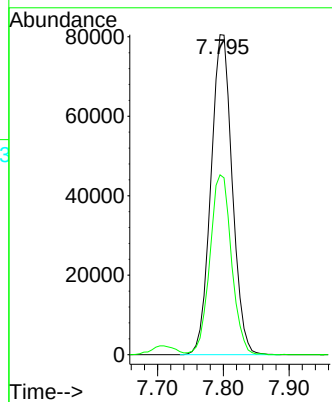
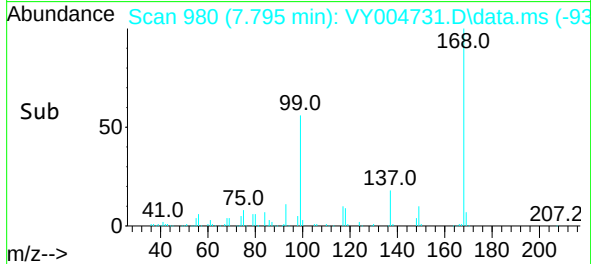




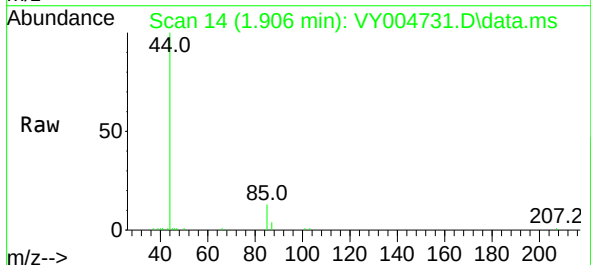
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY004731.D
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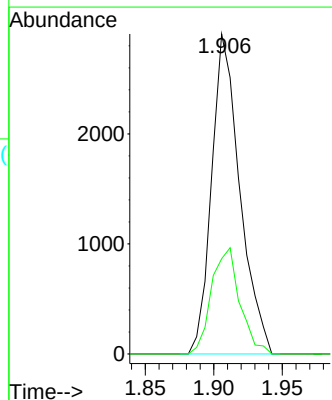
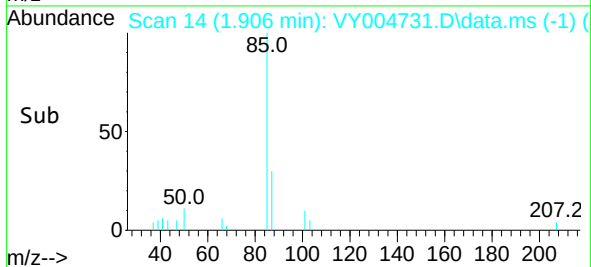
Tgt Ion: 168 Resp: 181642
Ion Ratio Lower Upper
168 100
99 56.2 45.6 68.4



#2
Dichlorodifluoromethane
Concen: 2.50 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY004731.D
Acq: 10 May 2021 15:53



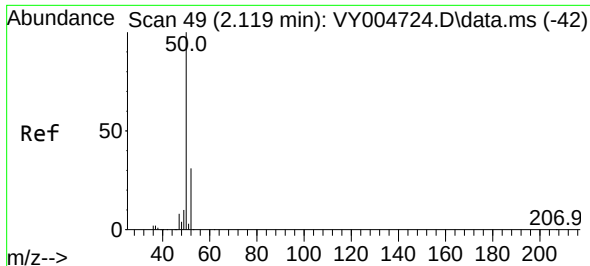
Tgt Ion: 85 Resp: 4160
Ion Ratio Lower Upper
85 100
87 29.8 16.2 48.5



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

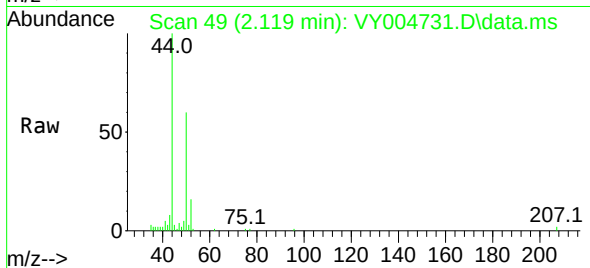
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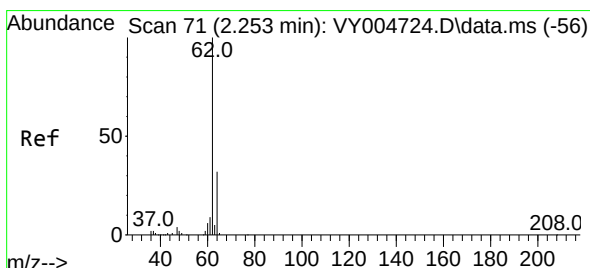
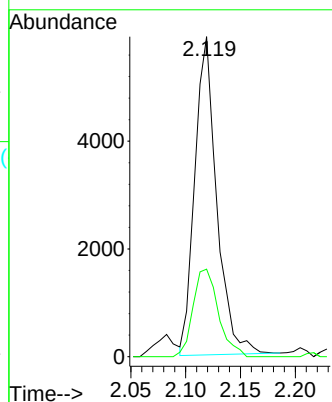
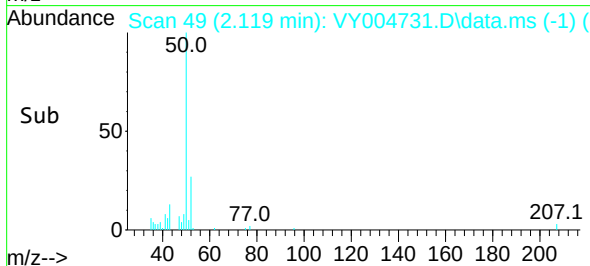


#3
Chloromethane
Concen: 3.05 ug/l
RT: 2.119 min Scan# 49
Delta R.T. -0.000 min
Lab File: VY004731.D
Acq: 10 May 2021 15:53

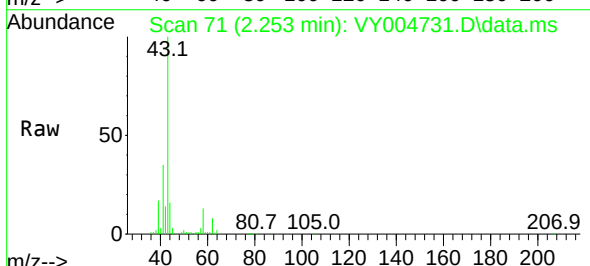
Instrument :
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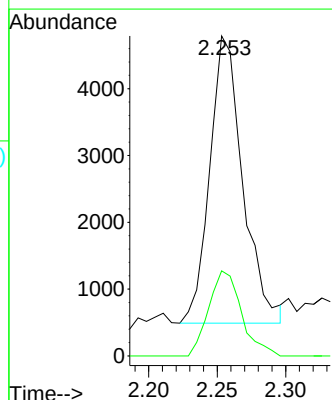
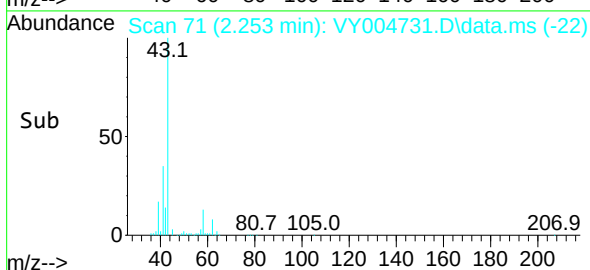
Tgt Ion: 50 Resp: 8218
Ion Ratio Lower Upper
50 100
52 27.7 25.0 37.6

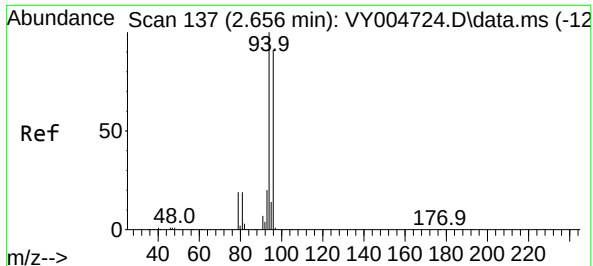


#4
Vinyl Chloride
Concen: 2.62 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.000 min
Lab File: VY004731.D
Acq: 10 May 2021 15:53



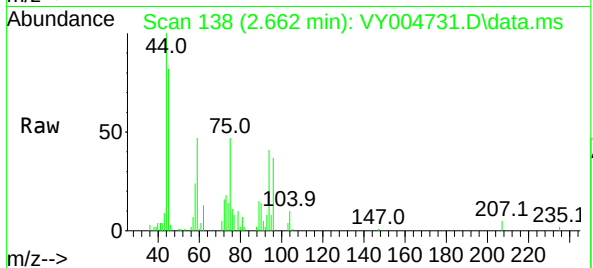
Tgt Ion: 62 Resp: 7216
Ion Ratio Lower Upper
62 100
64 29.6 25.4 38.2





#5
Bromomethane
Concen: 3.31 ug/l
RT: 2.662 min Scan# 138
Delta R.T. 0.006 min
Lab File: VY004731.D
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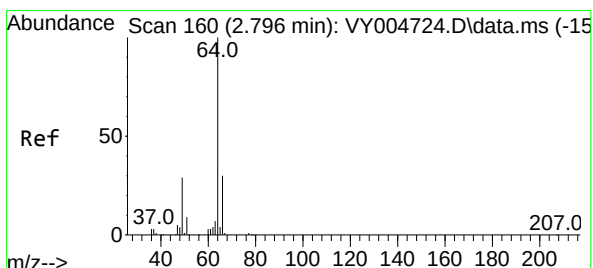
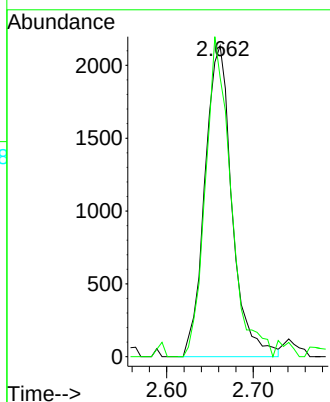
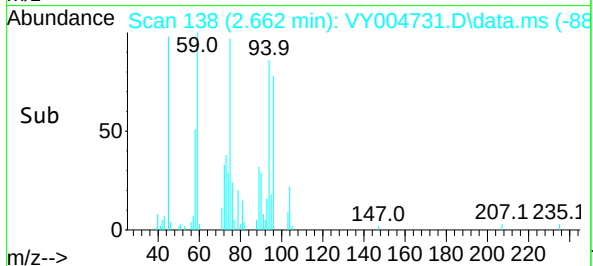
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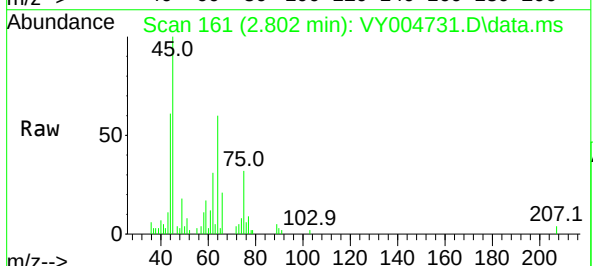
Tgt Ion: 94 Resp: 4656
Ion Ratio Lower Upper
94 100
96 89.8 72.6 109.0

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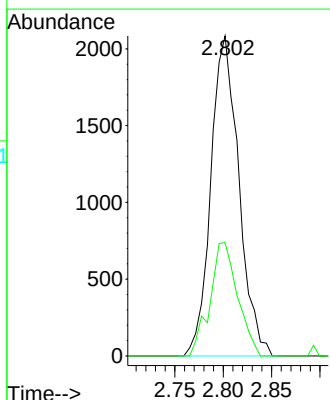
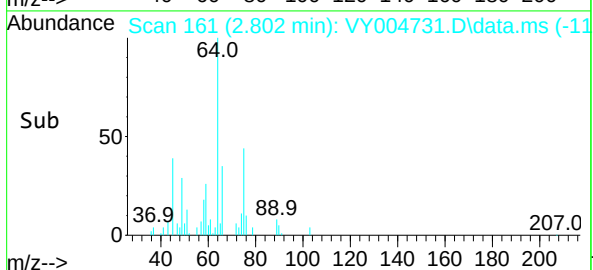
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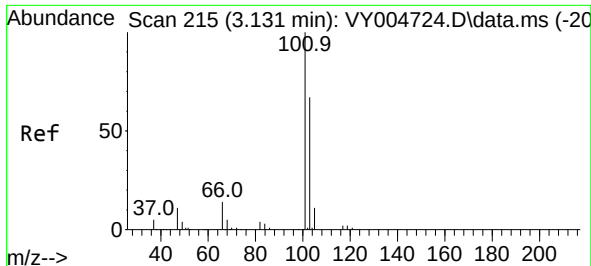


#6
Chloroethane
Concen: 2.57 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.006 min
Lab File: VY004731.D
Acq: 10 May 2021 15:53



Tgt Ion: 64 Resp: 4189
Ion Ratio Lower Upper
64 100
66 35.5 23.7 35.5





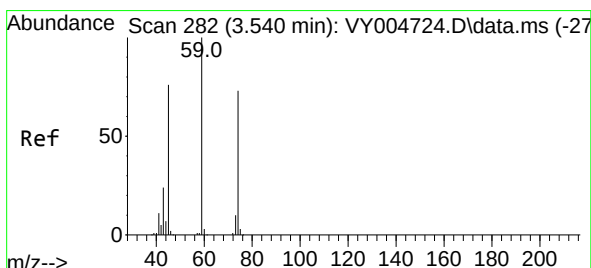
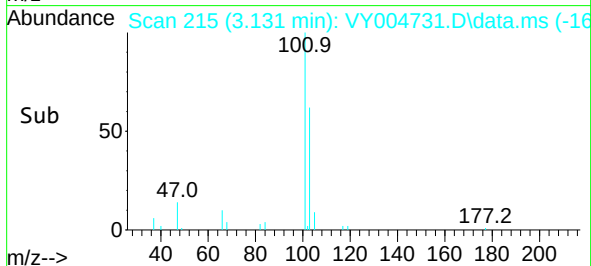
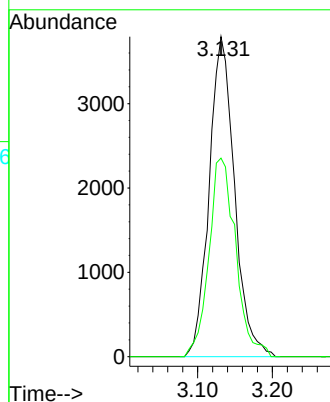
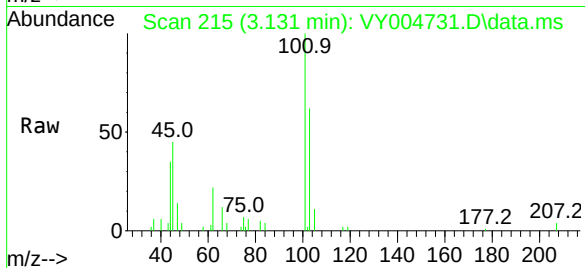
#7
Trichlorofluoromethane
Concen: 2.73 ug/l
RT: 3.131 min Scan# 215
Delta R.T. -0.000 min
Lab File: VY004731.D
Acq: 10 May 2021 15:53

Tgt Ion: 101 Resp: 8933
Ion Ratio Lower Upper
101 100
103 62.1 53.4 80.2

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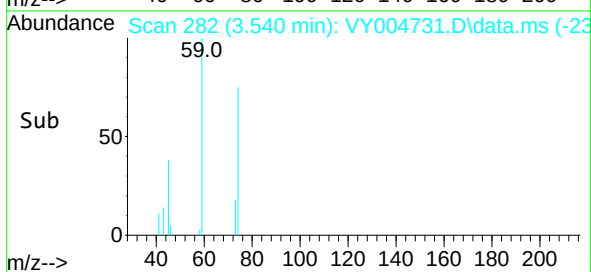
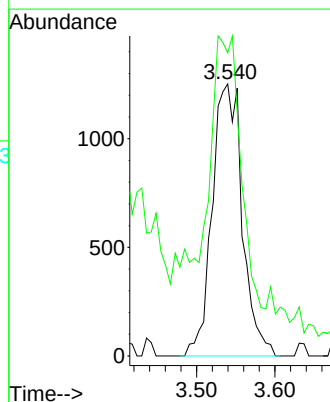
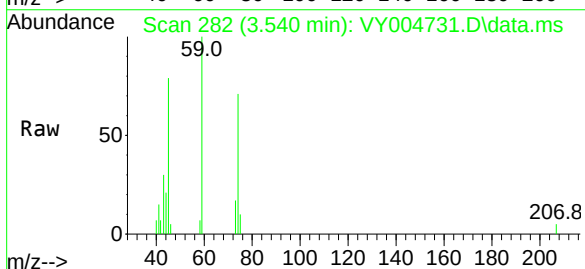
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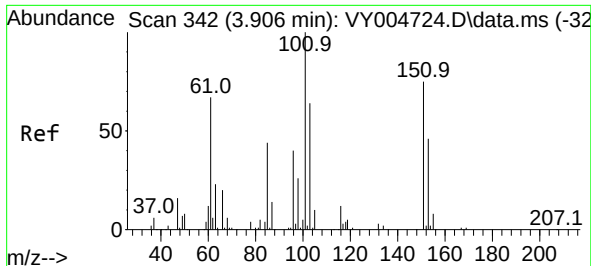
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#8
Diethyl Ether
Concen: 2.88 ug/l
RT: 3.540 min Scan# 282
Delta R.T. -0.000 min
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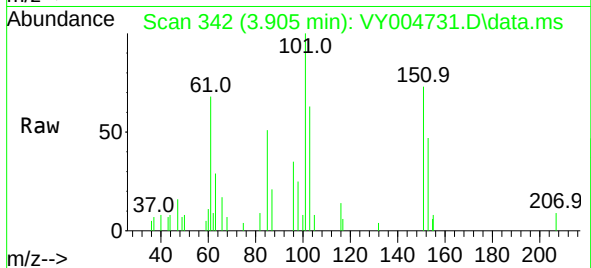
Tgt Ion: 74 Resp: 3335
Ion Ratio Lower Upper
74 100
45 96.5 53.9 161.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.77 ug/l
RT: 3.905 min Scan# 342
Delta R.T. -0.000 min
Lab File: VY004731.D
Acq: 10 May 2021 15:53

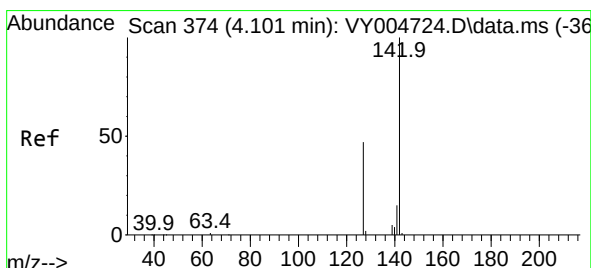
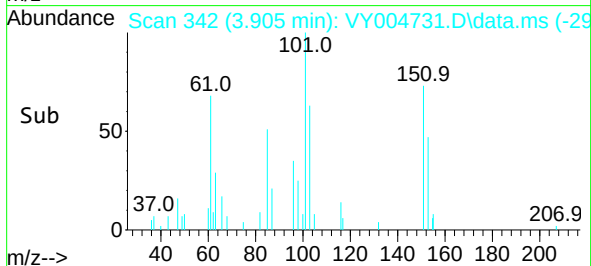
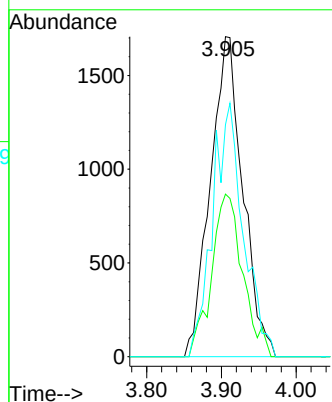
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



Tgt Ion	Ratio	Lower	Upper
101	100		
85	48.8	38.2	57.4
151	75.3	61.4	92.0

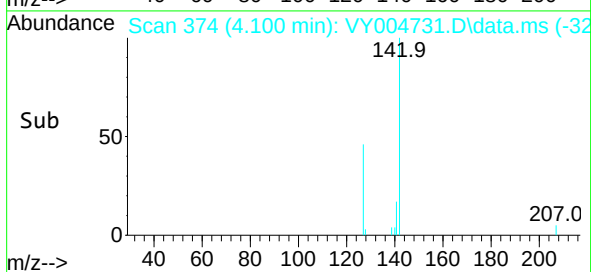
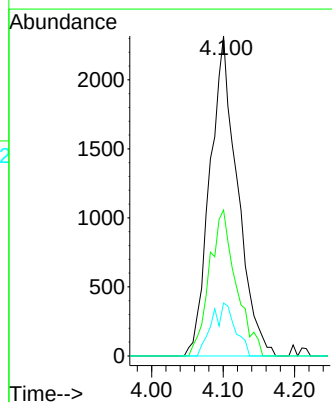
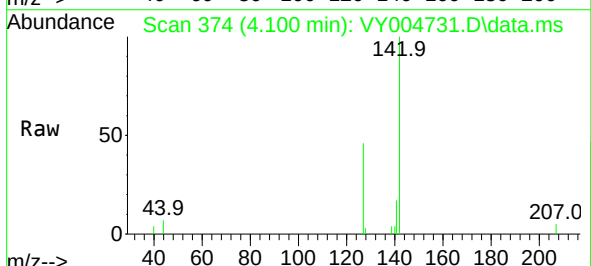
Manual Integrations
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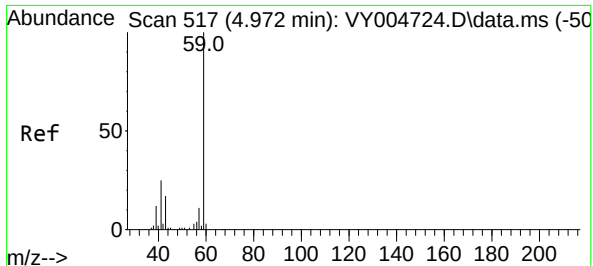
MMDadoda
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#10
Methyl Iodide
Concen: 3.12 ug/l
RT: 4.100 min Scan# 374
Delta R.T. -0.000 min
Lab File: VY004731.D
Acq: 10 May 2021 15:53

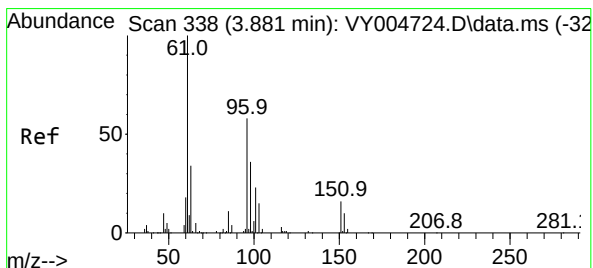
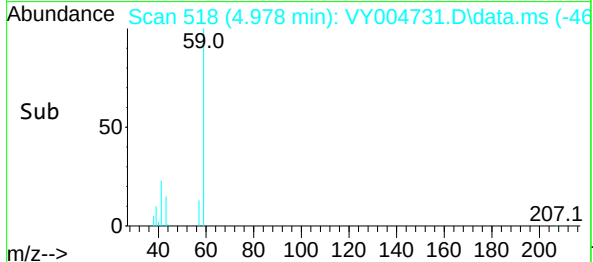
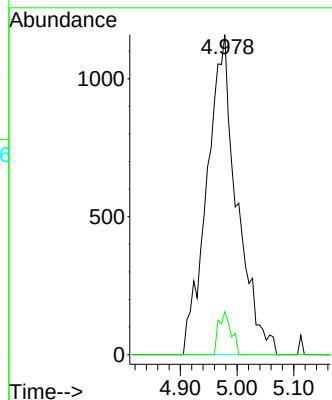
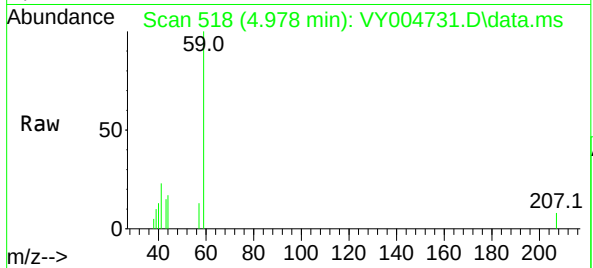
Tgt Ion	Ratio	Lower	Upper
142	100		
127	44.3	37.1	55.7
141	14.1	11.9	17.9





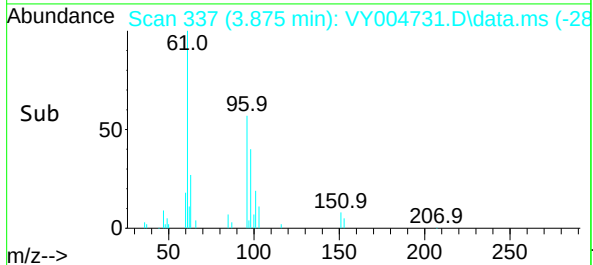
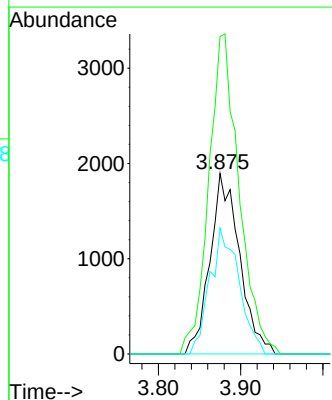
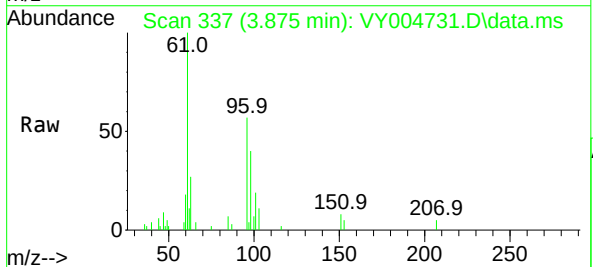
#11
Tert butyl alcohol
Concen: 19.64 ug/l
RT: 4.978 min Scan# 518
Delta R.T. 0.006 min
Lab File: VY004731.D
Acq: 10 May 2021 15:53

Tgt Ion: 59 Resp: 4268
Ion Ratio Lower Upper
59 100
57 5.6 8.7 13.1#



#12
1,1-Dichloroethene
Concen: 2.64 ug/l
RT: 3.875 min Scan# 337
Delta R.T. -0.006 min
Lab File: VY004731.D
Acq: 10 May 2021 15:53

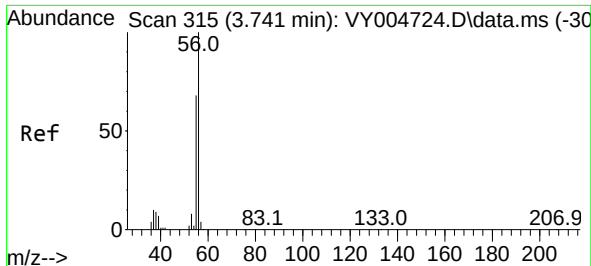
Tgt Ion: 96 Resp: 4736
Ion Ratio Lower Upper
96 100
61 175.9 137.5 206.3
98 69.8 50.2 75.2



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

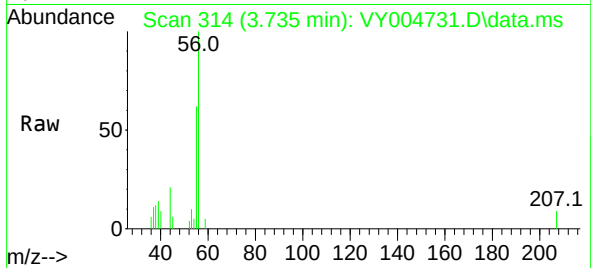
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#13
Acrolein
Concen: 13.16 ug/l
RT: 3.735 min Scan# 314
Delta R.T. -0.006 min
Lab File: VY004731.D
Acq: 10 May 2021 15:53

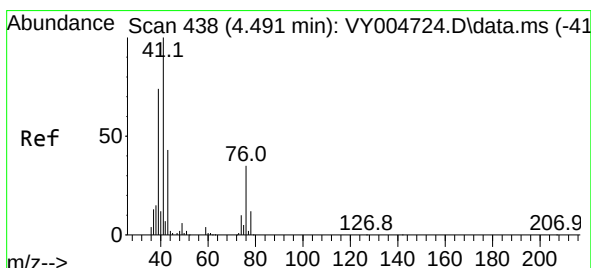
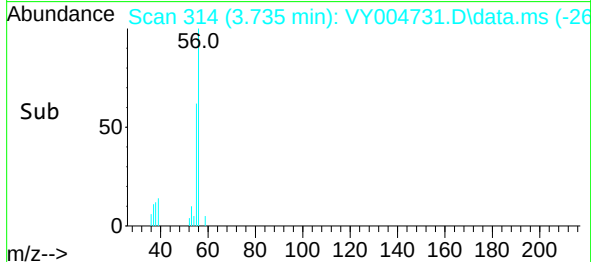
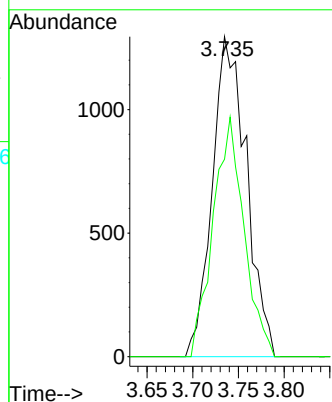
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



Tgt Ion: 56 Resp: 3361
Ion Ratio Lower Upper
56 100
55 67.8 55.3 82.9

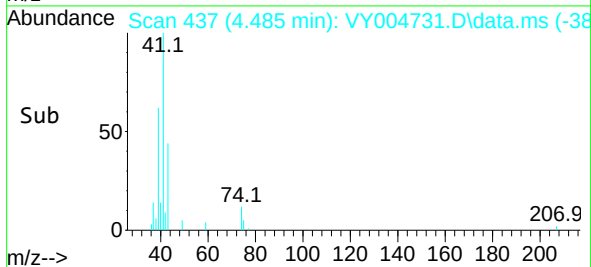
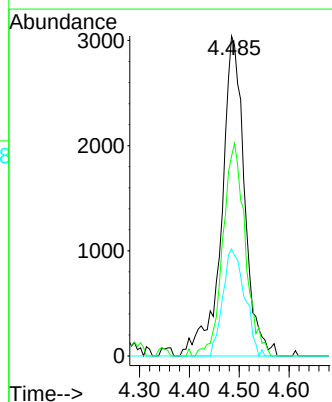
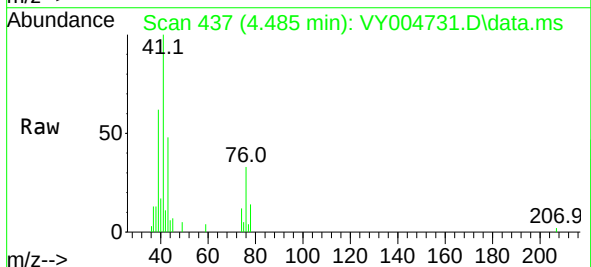
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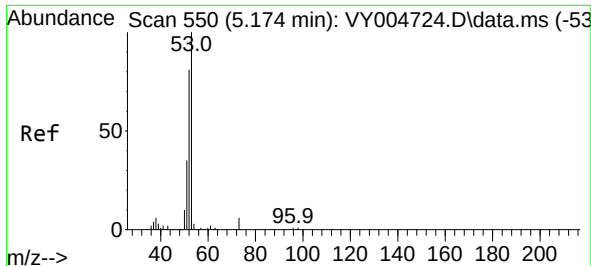
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#14
Allyl chloride
Concen: 2.76 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY004731.D
Acq: 10 May 2021 15:53

Tgt Ion: 41 Resp: 9683
Ion Ratio Lower Upper
41 100
39 65.1 56.1 84.1
76 32.0 26.2 39.4





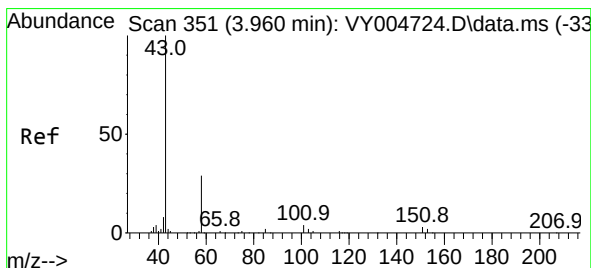
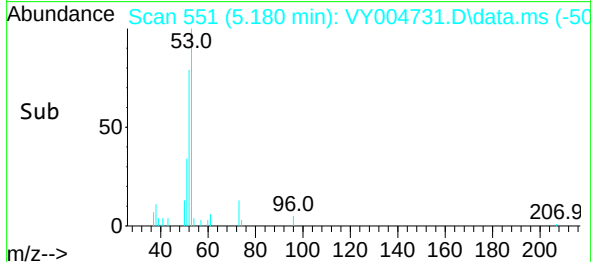
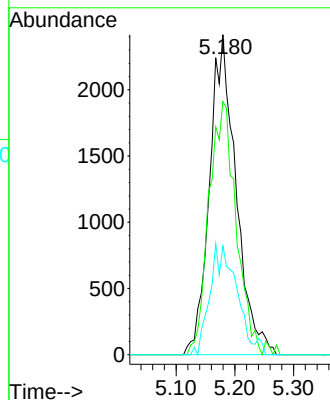
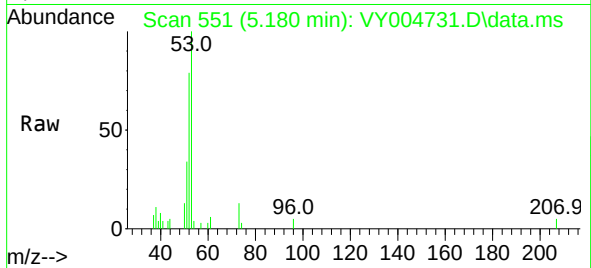
#15
Acrylonitrile
Concen: 13.06 ug/l
RT: 5.180 min Scan# 551
Delta R.T. 0.006 min
Lab File: VY004731.D
Acq: 10 May 2021 15:53

Tgt Ion: 53	Resp: 7574		
Ion Ratio	Lower	Upper	
53 100			
52 80.6	65.0	97.6	
51 14.0	29.3	43.9#	

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

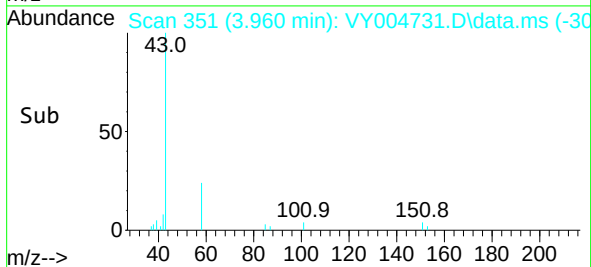
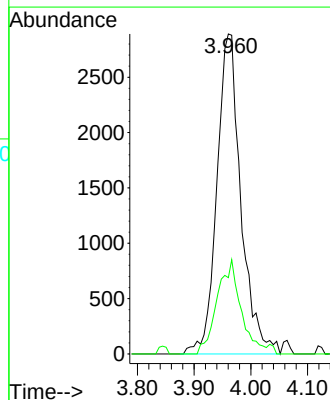
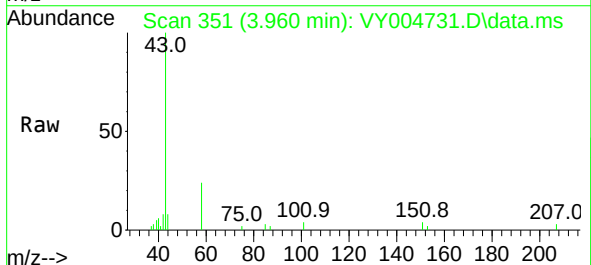
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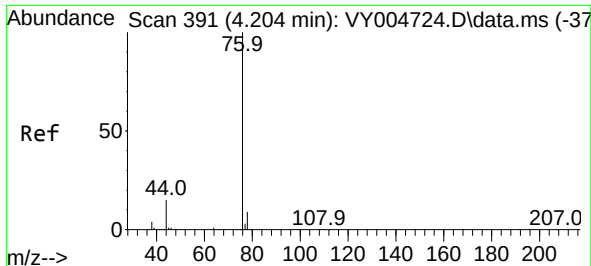
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#16
Acetone
Concen: 17.50 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY004731.D
Acq: 10 May 2021 15:53

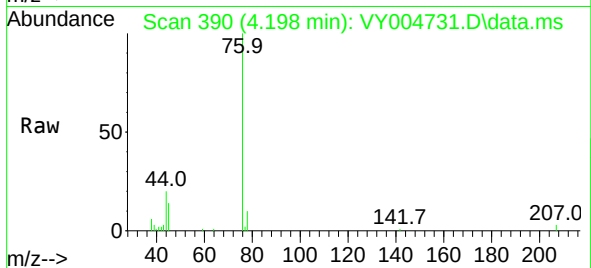
Tgt Ion: 43	Resp: 8500		
Ion Ratio	Lower	Upper	
43 100			
58 23.9	23.6	35.4	





#17
Carbon Disulfide
Concen: 2.82 ug/l
RT: 4.198 min Scan# 390
Delta R.T. -0.006 min
Lab File: VY004731.D
Acq: 10 May 2021 15:53

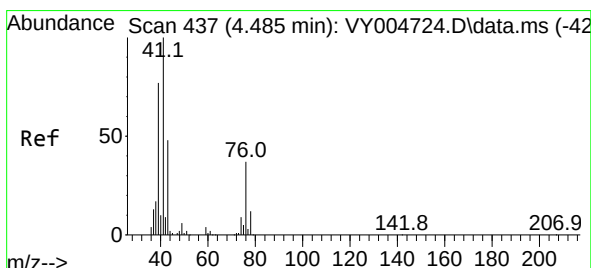
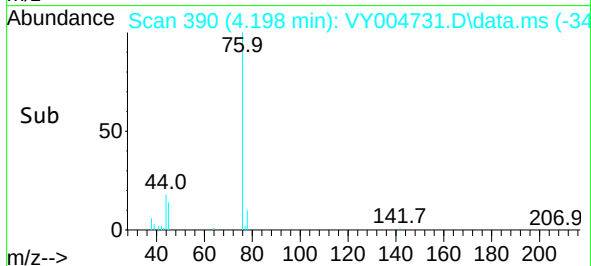
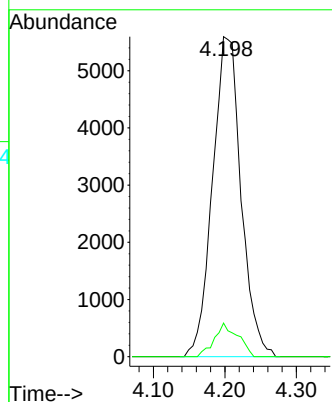
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



Tgt Ion: 76 Resp: 15489
Ion Ratio Lower Upper
76 100
78 10.5 7.2 10.8

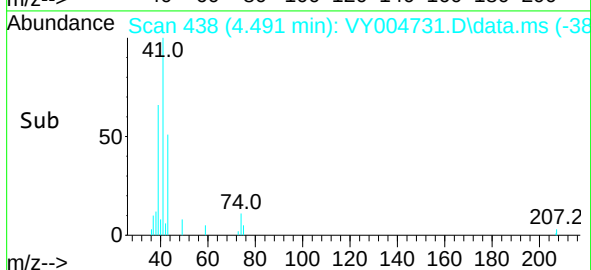
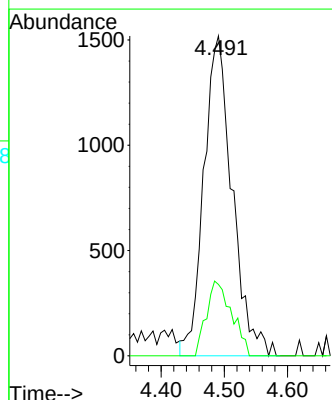
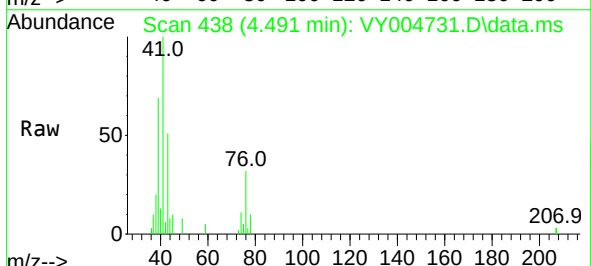
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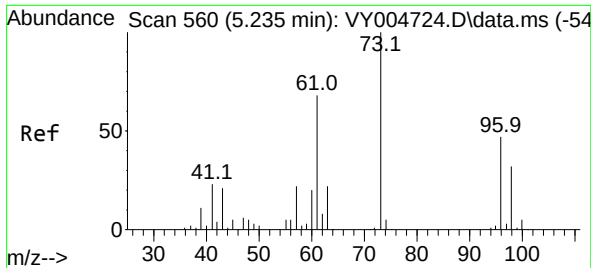
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#18
Methyl Acetate
Concen: 3.06 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY004731.D
Acq: 10 May 2021 15:53

Tgt Ion: 43 Resp: 4735
Ion Ratio Lower Upper
43 100
74 20.8 16.6 24.8





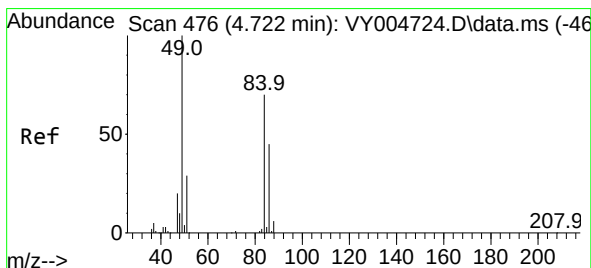
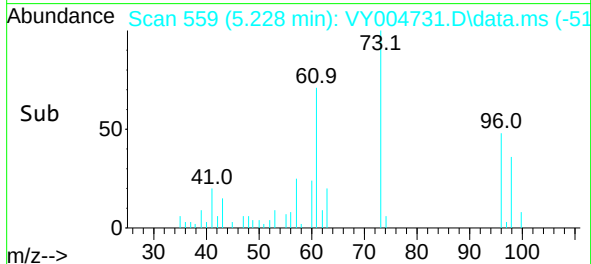
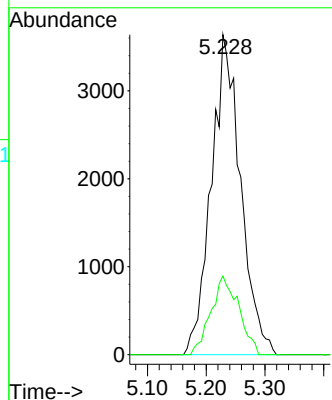
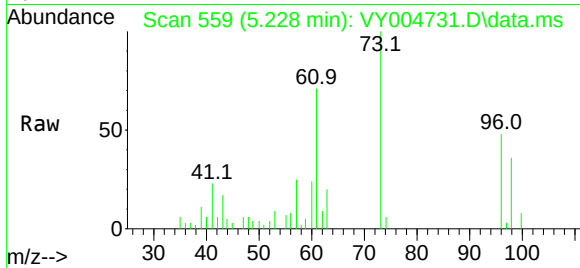
#19
Methyl tert-butyl Ether
Concen: 2.55 ug/l
RT: 5.228 min Scan# 559
Delta R.T. -0.006 min
Lab File: VY004731.D
Acq: 10 May 2021 15:53

Tgt Ion: 73 Resp: 12583
Ion Ratio Lower Upper
73 100
57 24.6 17.9 26.9

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

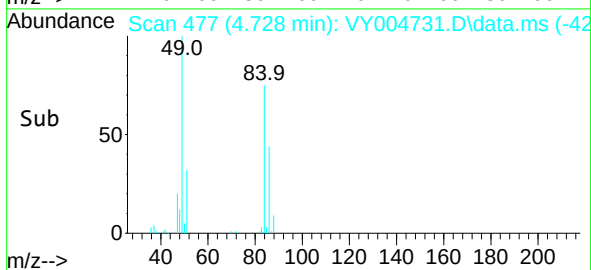
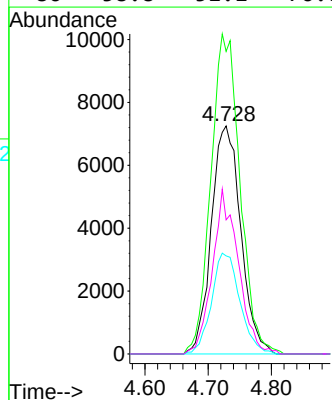
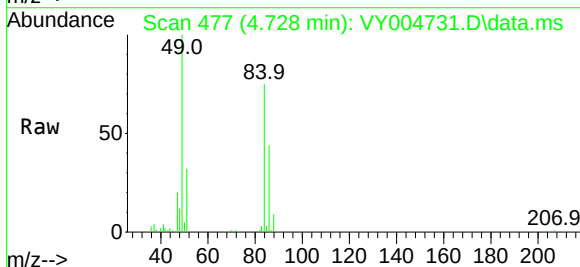
Manual Integrations
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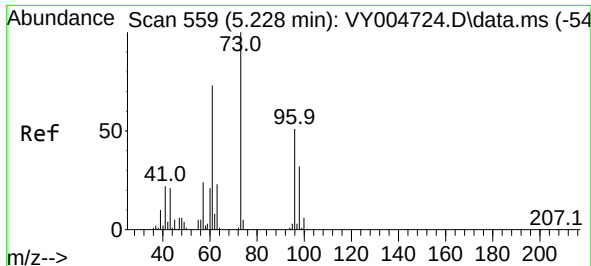
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#20
Methylene Chloride
Concen: 7.52 ug/l
RT: 4.728 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY004731.D
Acq: 10 May 2021 15:53

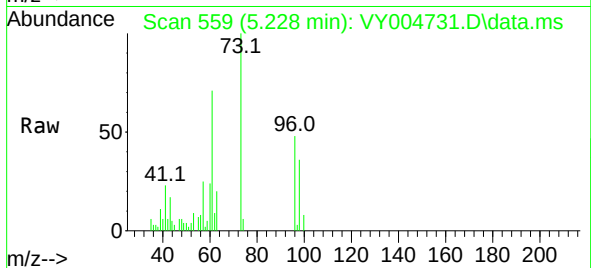
Tgt Ion: 84 Resp: 23408
Ion Ratio Lower Upper
84 100
49 132.7 113.8 170.8
51 43.0 33.5 50.3
86 58.8 51.1 76.7





#21
trans-1,2-Dichloroethene
Concen: 2.72 ug/l
RT: 5.228 min Scan# 559
Delta R.T. -0.000 min
Lab File: VY004731.D
Acq: 10 May 2021 15:53

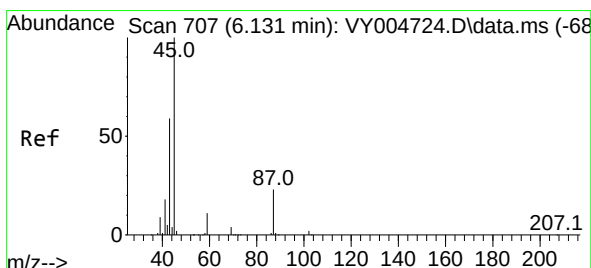
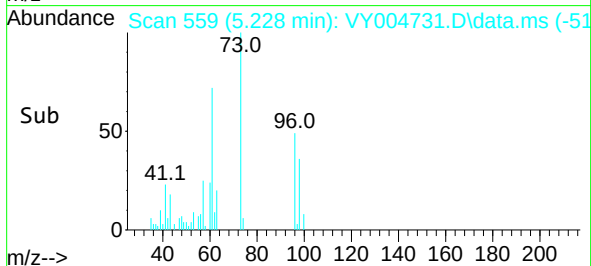
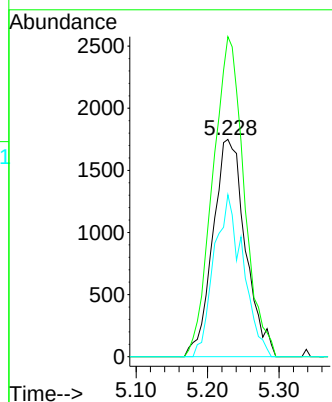
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



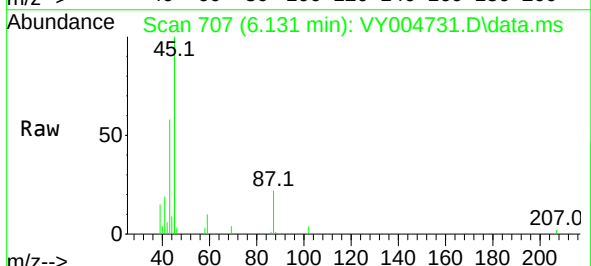
Tgt Ion: 96 Resp: 5541
Ion Ratio Lower Upper
96 100
61 147.3 115.5 173.3
98 74.5 50.6 75.8

Manual Integrations
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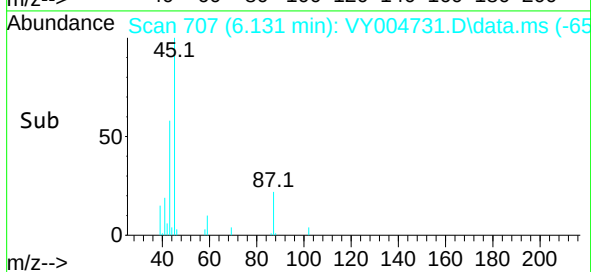
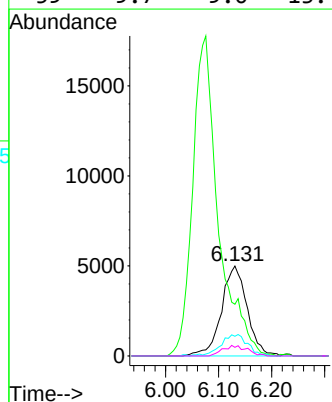
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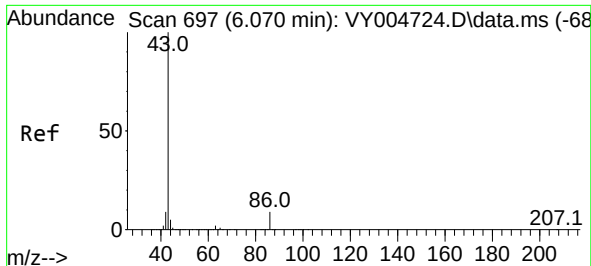


#22
Diisopropyl ether
Concen: 2.49 ug/l
RT: 6.131 min Scan# 707
Delta R.T. -0.000 min
Lab File: VY004731.D
Acq: 10 May 2021 15:53



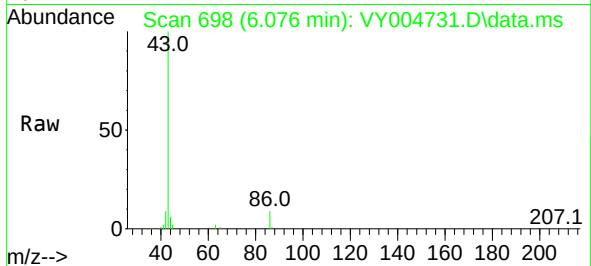
Tgt Ion: 45 Resp: 16777
Ion Ratio Lower Upper
45 100
43 55.8 47.7 71.5
87 21.9 18.9 28.3
59 9.7 9.0 13.4





#23
 Vinyl Acetate
 Concen: 11.77 ug/l
 RT: 6.076 min Scan# 698
 Delta R.T. 0.006 min
 Lab File: VY004731.D
 Acq: 10 May 2021 15:53

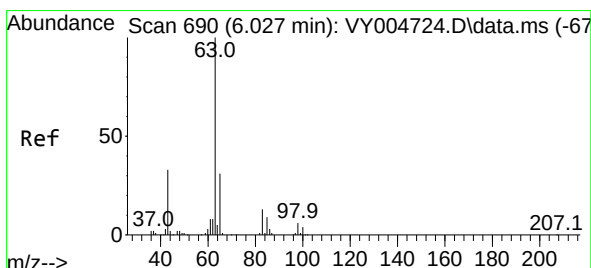
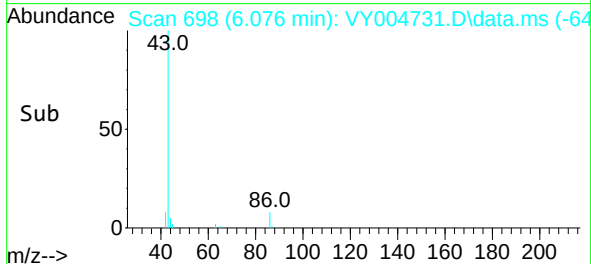
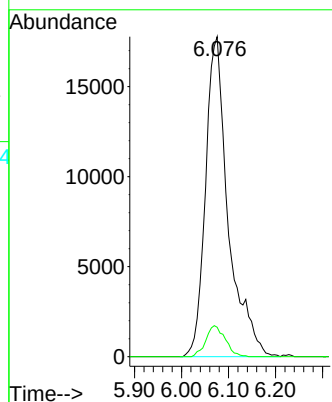
Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2021



Tgt Ion: 43 Resp: 59638
 Ion Ratio Lower Upper
 43 100
 86 9.2 7.2 10.8

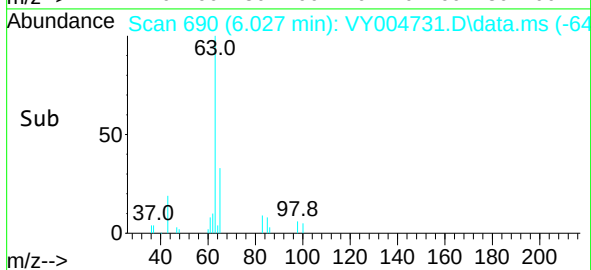
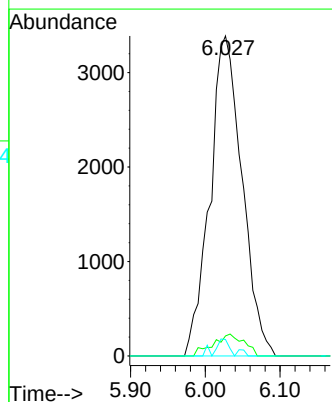
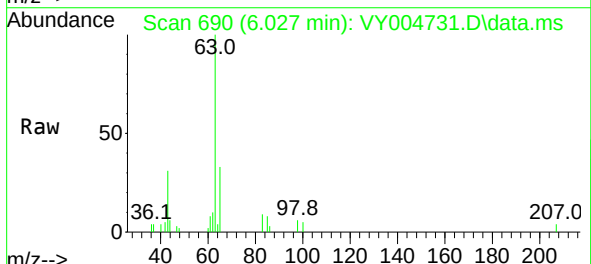
Manual Integrations
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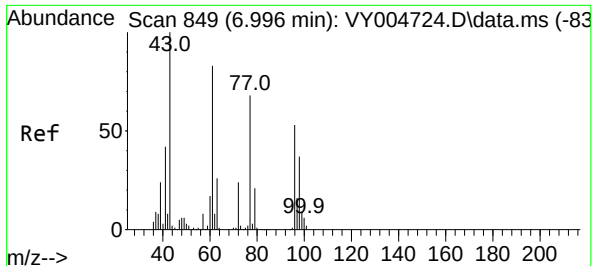
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#24
 1,1-Dichloroethane
 Concen: 2.67 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. -0.000 min
 Lab File: VY004731.D
 Acq: 10 May 2021 15:53

Tgt Ion: 63 Resp: 10123
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.1 9.4
 100 5.2 2.0 6.0





#25

2-Butanone

Concen: 13.19 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY004731.D

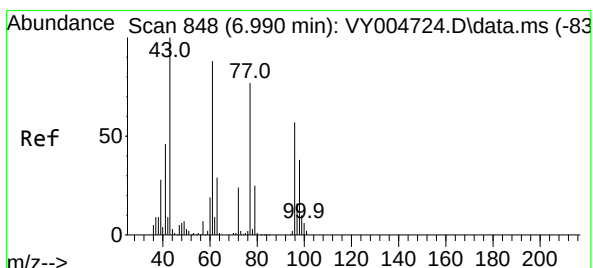
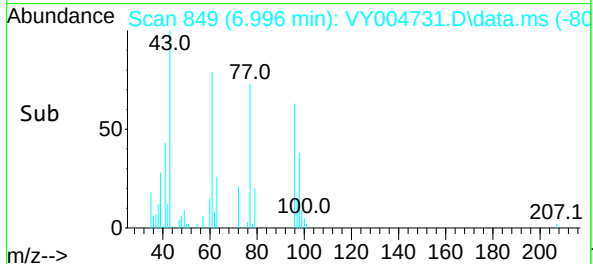
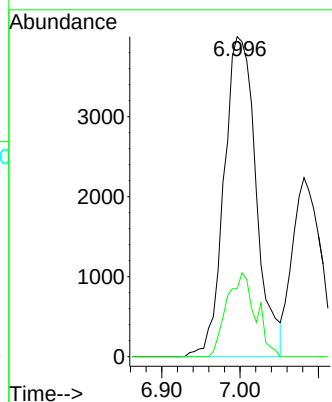
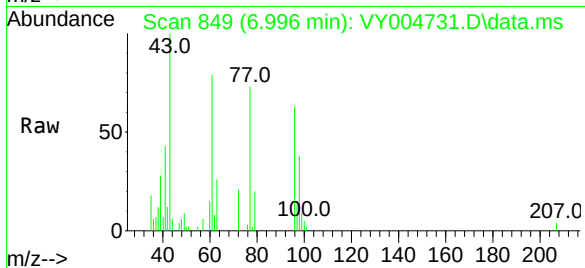
Acq: 10 May 2021 15:53

Tgt Ion: 43 Resp: 11378

Ion Ratio Lower Upper

43 100

72 21.2 19.4 29.0



#26

2,2-Dichloropropane

Concen: 2.57 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY004731.D

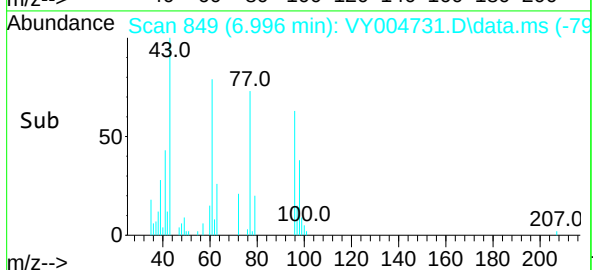
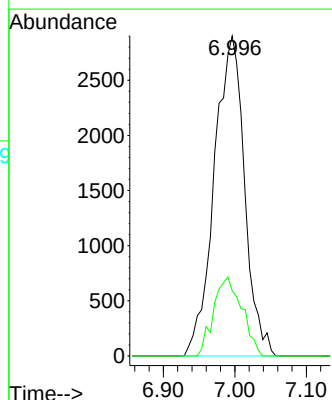
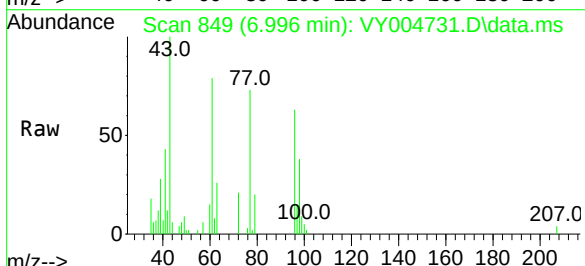
Acq: 10 May 2021 15:53

Tgt Ion: 77 Resp: 8537

Ion Ratio Lower Upper

77 100

97 23.1 10.9 32.9



Instrument :

MSVOA_Y

ClientSampleId :

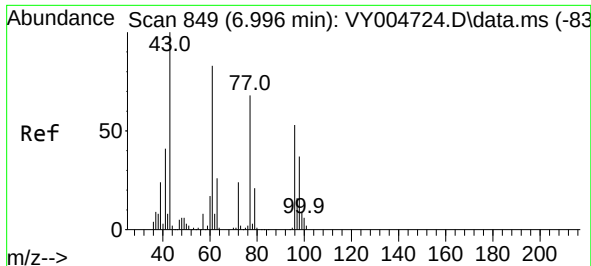
LOD-MDL-SOIL-01-QT2-2021

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#27

cis-1,2-Dichloroethene

Concen: 2.78 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.000 min

Lab File: VY004731.D

Acq: 10 May 2021 15:53

Tgt Ion:	96	Resp:	6292
Ion	Ratio	Lower	Upper
96	100		
61	144.0	0.0	308.4
98	61.3	0.0	132.0

Instrument :

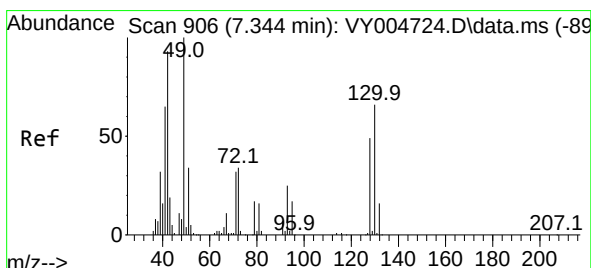
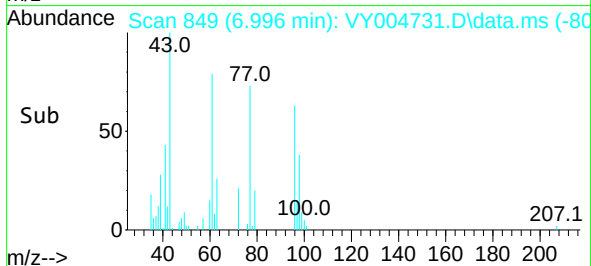
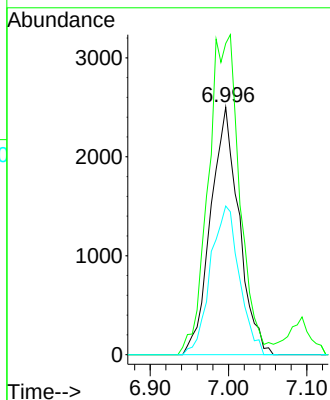
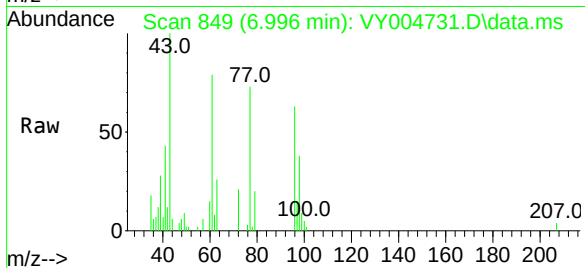
MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2021

Manual Integrations
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#28

Bromochloromethane

Concen: 2.40 ug/l

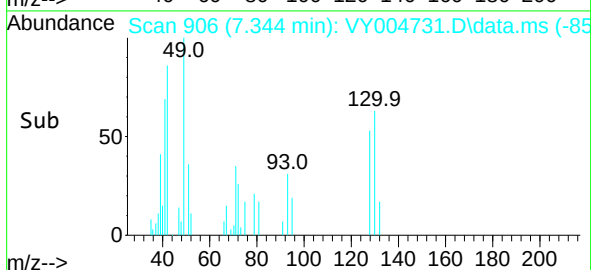
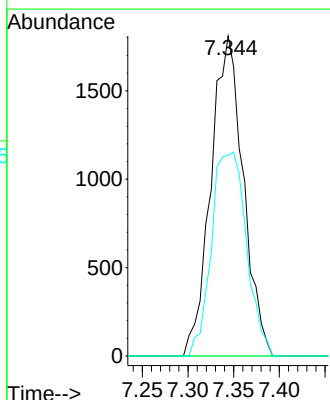
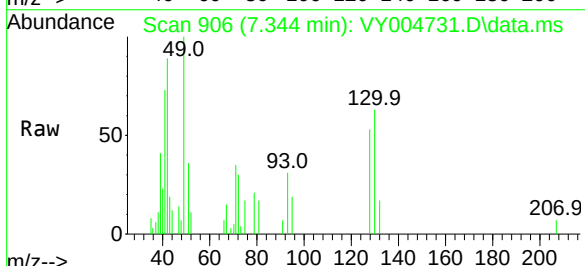
RT: 7.344 min Scan# 906

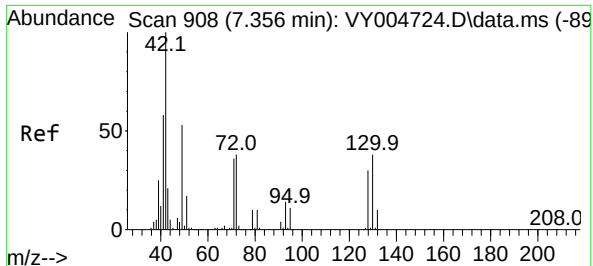
Delta R.T. -0.000 min

Lab File: VY004731.D

Acq: 10 May 2021 15:53

Tgt Ion:	49	Resp:	4453
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.0
130	68.8	52.8	79.2





#29

Tetrahydrofuran

Concen: 12.21 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.006 min

Lab File: VY004731.D

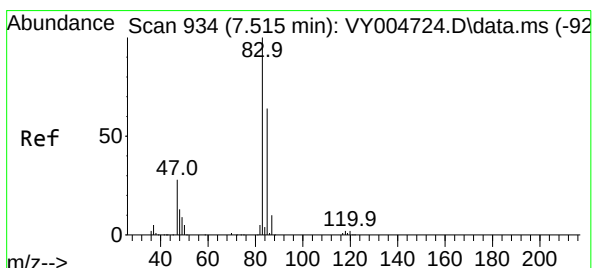
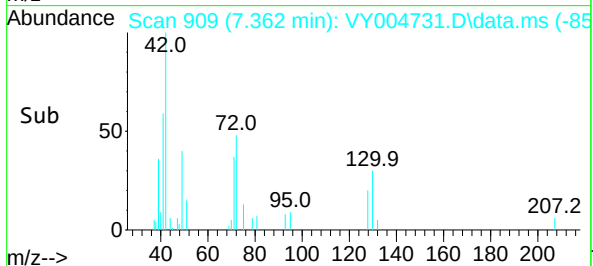
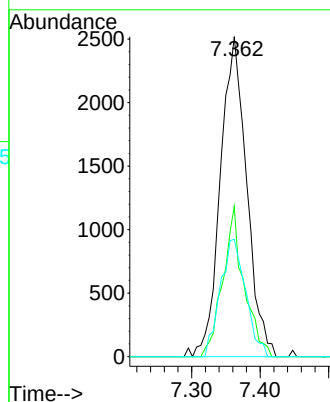
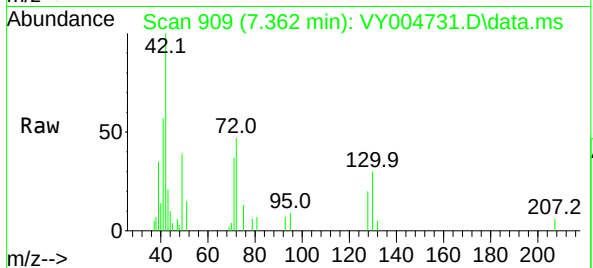
Acq: 10 May 2021 15:53

Tgt Ion:	42	Resp:	6718
Ion	Ratio	Lower	Upper
42	100		
72	38.0	29.4	44.0
71	35.2	28.0	42.0

Instrument :
MSVOA_Y
ClientSampleId :
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#30

Chloroform

Concen: 2.65 ug/l

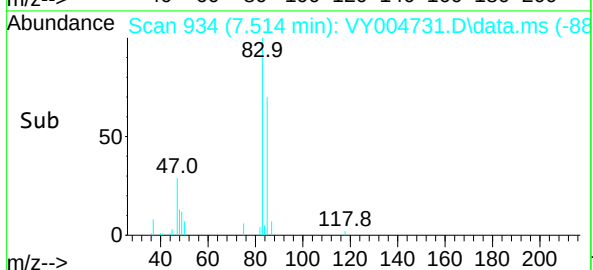
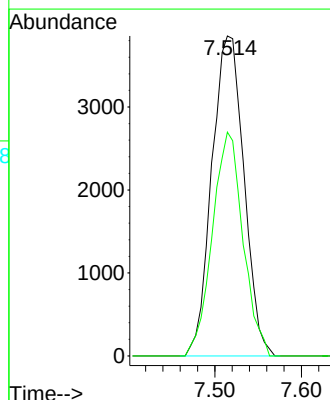
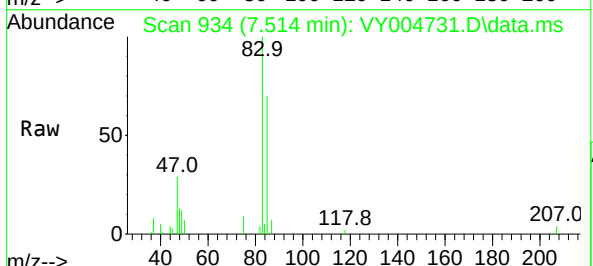
RT: 7.514 min Scan# 934

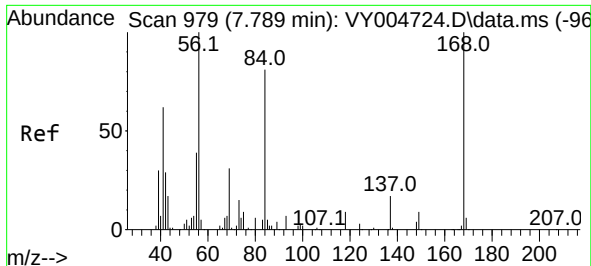
Delta R.T. -0.000 min

Lab File: VY004731.D

Acq: 10 May 2021 15:53

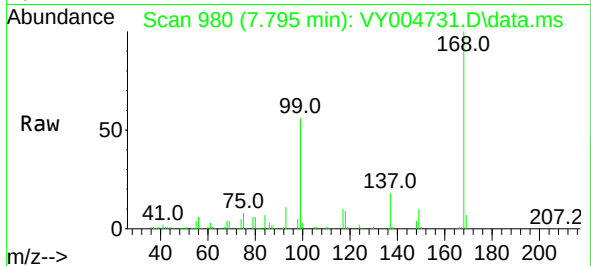
Tgt Ion:	83	Resp:	9918
Ion	Ratio	Lower	Upper
83	100		
85	69.9	51.3	76.9





#31
Cyclohexane
Concen: 3.53 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY004731.D
Acq: 10 May 2021 15:53

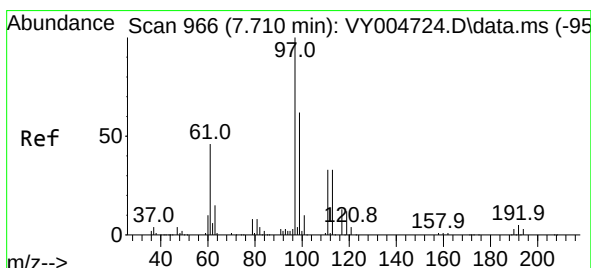
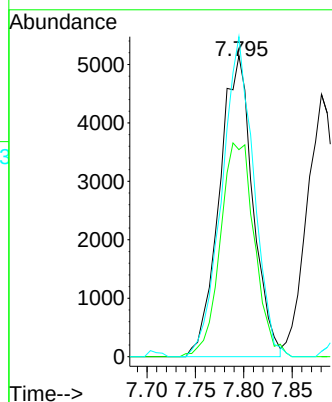
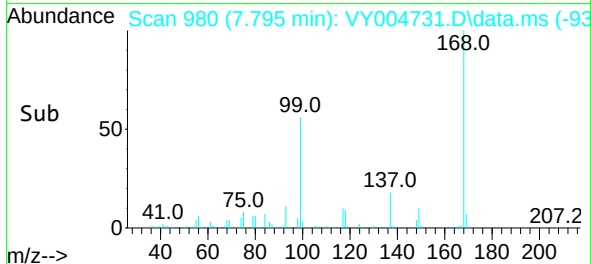
Instrument :
MSVOA_Y
ClientSampleId :
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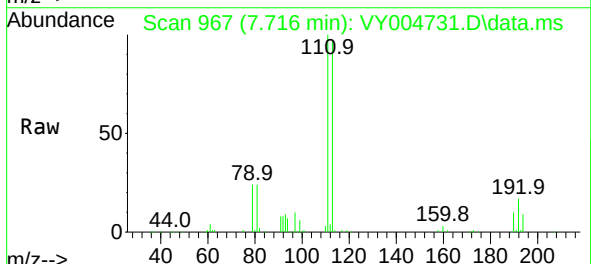
Tgt Ion: 56 Resp: 12370
Ion Ratio Lower Upper
56 100
69 68.8 24.4 36.6#
84 106.4 64.8 97.2#

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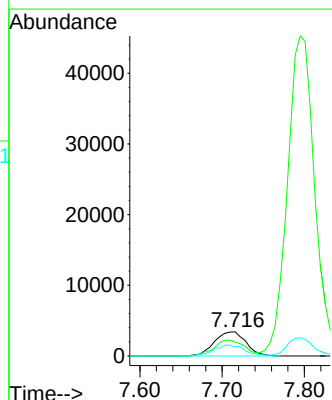
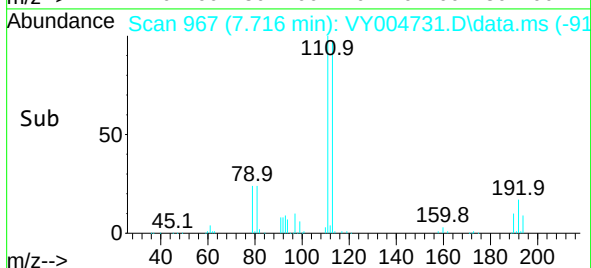
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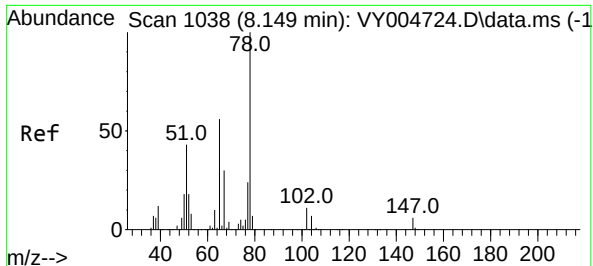


#32
1,1,1-Trichloroethane
Concen: 2.71 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY004731.D
Acq: 10 May 2021 15:53



Tgt Ion: 97 Resp: 9084
Ion Ratio Lower Upper
97 100
99 62.5 50.7 76.1
61 44.8 37.0 55.6





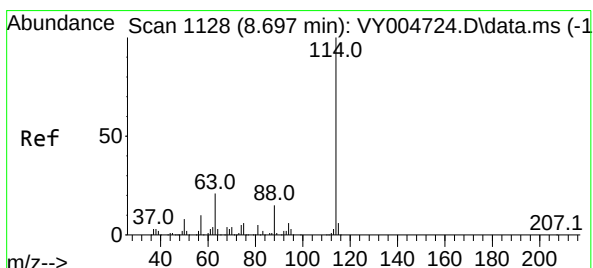
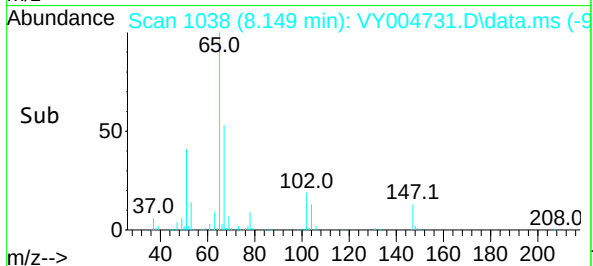
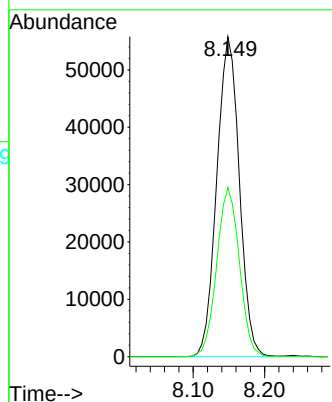
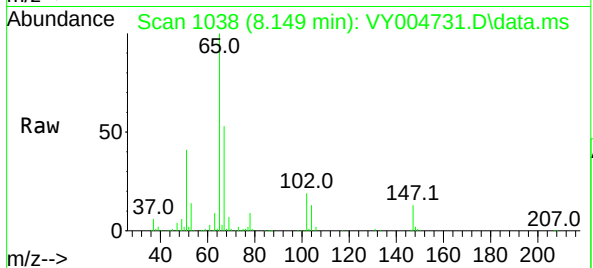
#33
1,2-Dichloroethane-d4
Concen: 56.50 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004731.D
Acq: 10 May 2021 15:53

Tgt Ion: 65 Resp: 122159
Ion Ratio Lower Upper
65 100
67 53.1 0.0 108.0

Instrument :
MSVOA_Y
ClientSampleId :
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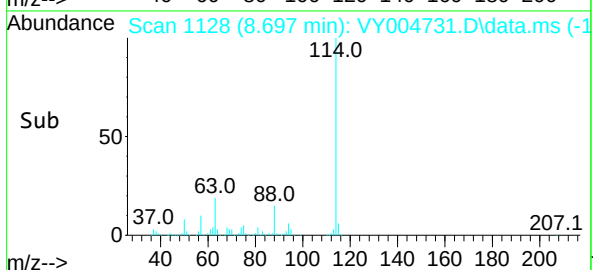
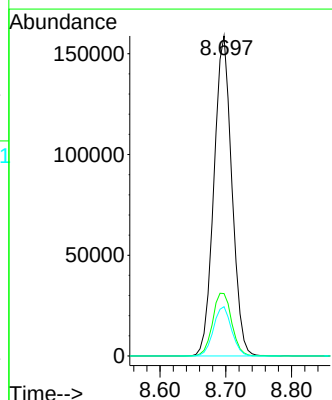
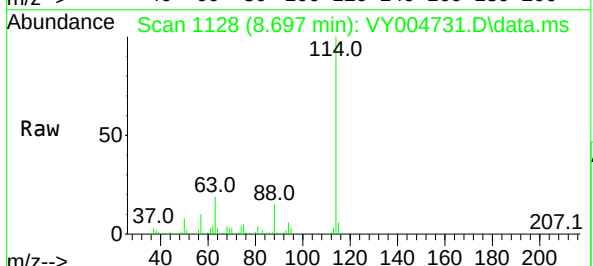
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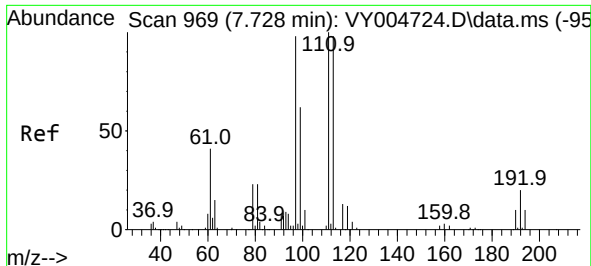
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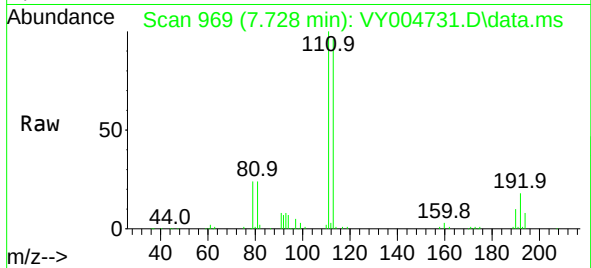
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004731.D
Acq: 10 May 2021 15:53

Tgt Ion: 114 Resp: 300463
Ion Ratio Lower Upper
114 100
63 19.5 0.0 42.8
88 15.4 0.0 31.0

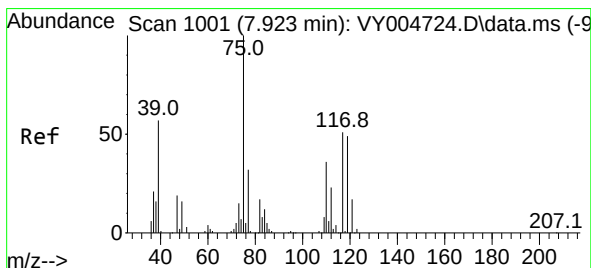
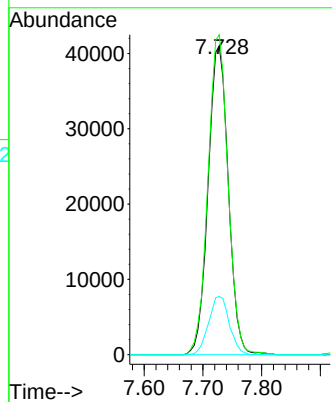
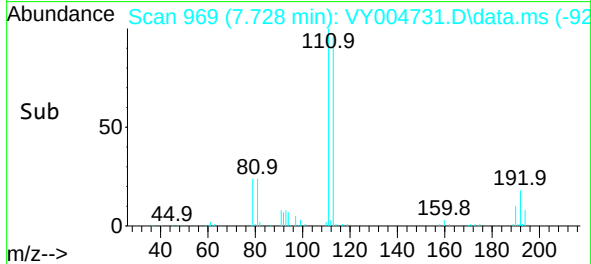




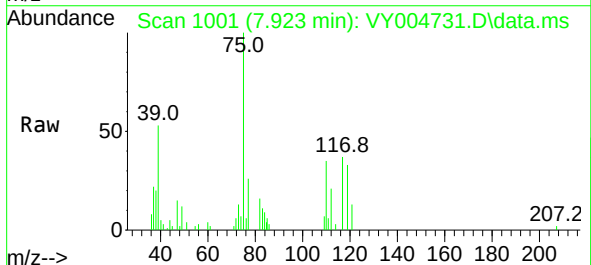
#35
Dibromofluoromethane
Concen: 59.57 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004731.D
Acq: 10 May 2021 15:53



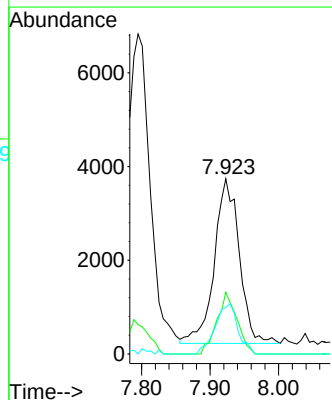
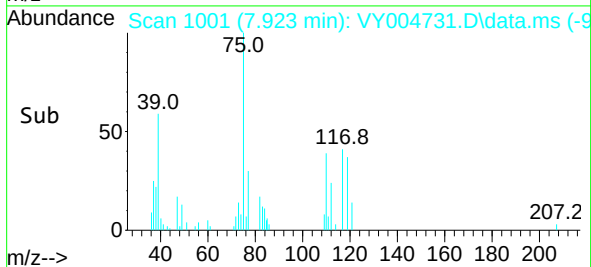
Tgt Ion: 113 Resp: 97983
Ion Ratio Lower Upper
113 100
111 103.3 80.5 120.7
192 19.3 15.0 22.6



#36
1,1-Dichloropropene
Concen: 2.90 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. -0.000 min
Lab File: VY004731.D
Acq: 10 May 2021 15:53



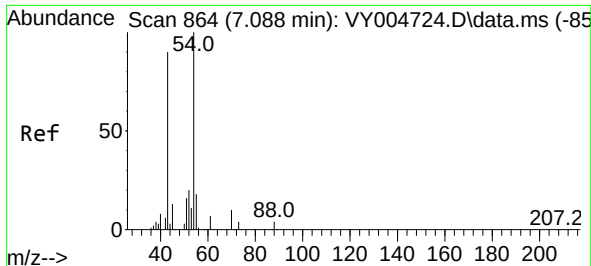
Tgt Ion: 75 Resp: 8923
Ion Ratio Lower Upper
75 100
110 30.0 17.0 50.9
77 27.5 25.0 37.4



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

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#37

Ethyl Acetate

Concen: 2.84 ug/l

RT: 7.082 min Scan# 863

Delta R.T. -0.006 min

Lab File: VY004731.D

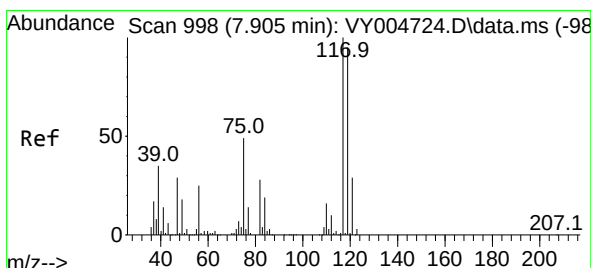
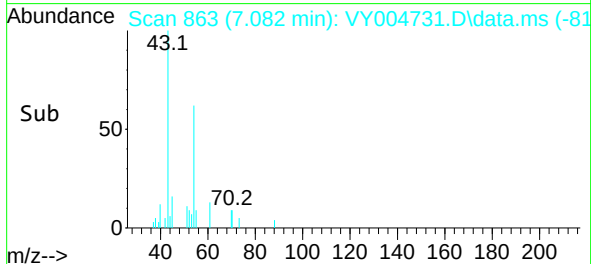
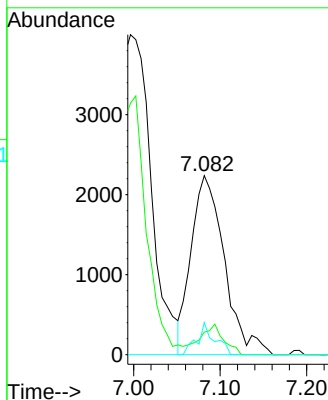
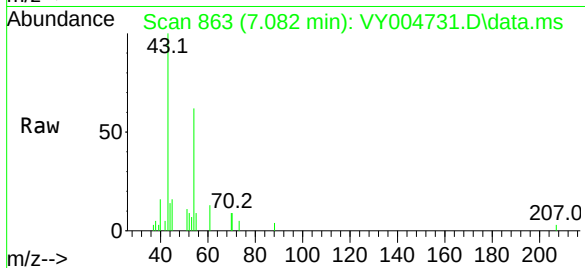
Acq: 10 May 2021 15:53

Tgt Ion:	43	Resp:	5984
Ion	Ratio	Lower	Upper
43	100		
61	12.3	9.9	14.9
70	9.4	6.7	10.1

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

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#38

Carbon Tetrachloride

Concen: 2.11 ug/l

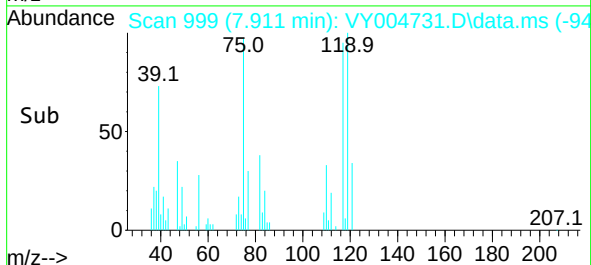
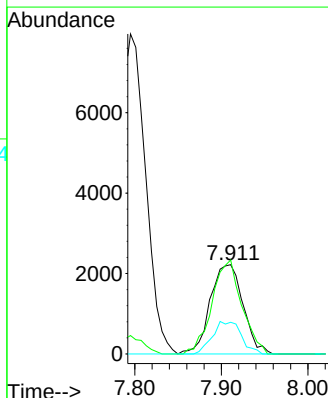
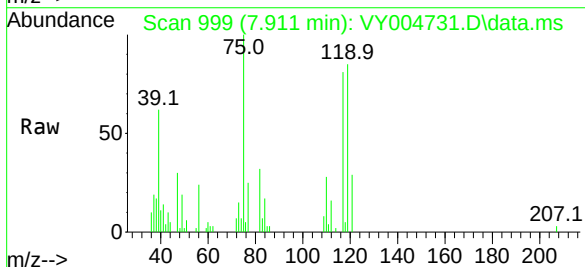
RT: 7.911 min Scan# 999

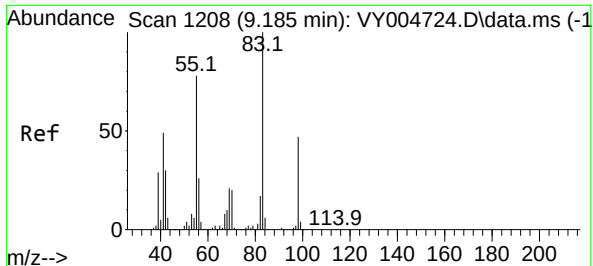
Delta R.T. 0.006 min

Lab File: VY004731.D

Acq: 10 May 2021 15:53

Tgt Ion:	117	Resp:	5840
Ion	Ratio	Lower	Upper
117	100		
119	105.2	76.3	114.5
121	35.4	23.0	34.6





#39

Methylcyclohexane

Concen: 2.54 ug/l

RT: 9.185 min Scan# 1208

Delta R.T. -0.000 min

Lab File: VY004731.D

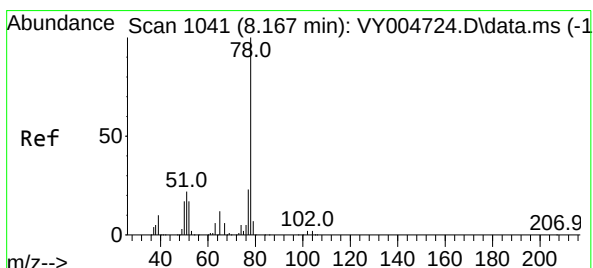
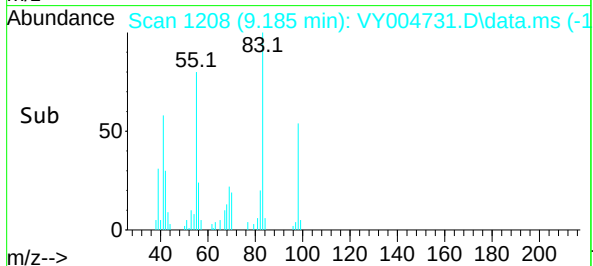
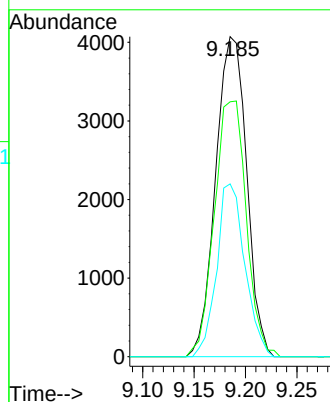
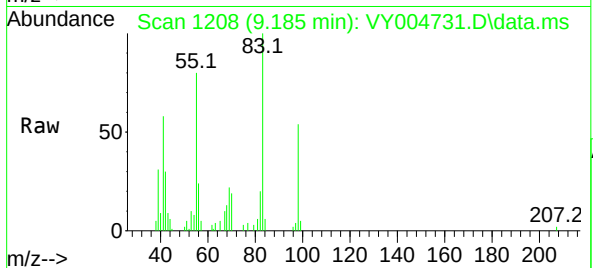
Acq: 10 May 2021 15:53

Tgt Ion:	83	Resp:	8538
Ion	Ratio	Lower	Upper
83	100		
55	79.6	62.6	94.0
98	54.0	37.8	56.6

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

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#40

Benzene

Concen: 2.65 ug/l

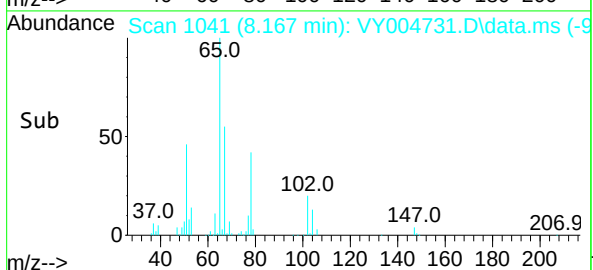
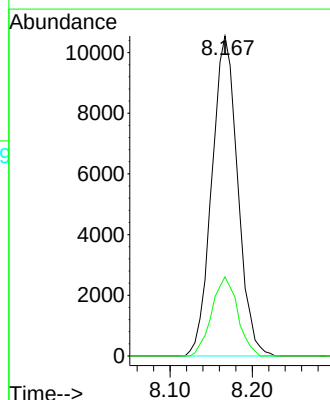
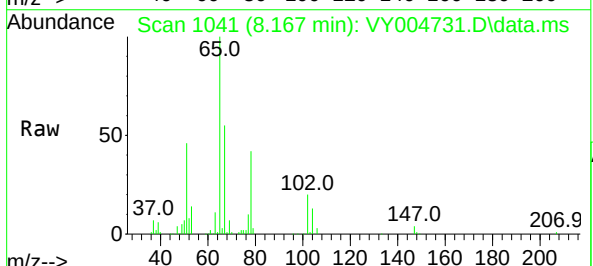
RT: 8.167 min Scan# 1041

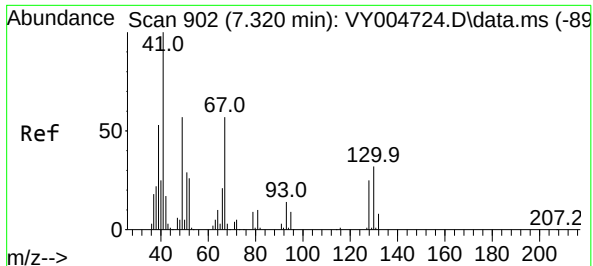
Delta R.T. -0.000 min

Lab File: VY004731.D

Acq: 10 May 2021 15:53

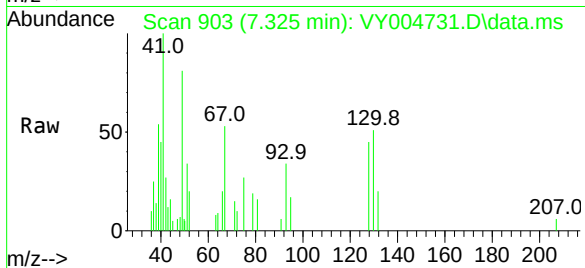
Tgt Ion:	78	Resp:	23031
Ion	Ratio	Lower	Upper
78	100		
77	24.7	18.4	27.6





#41
Methacrylonitrile
Concen: 2.18 ug/l m
RT: 7.325 min Scan# 903
Delta R.T. 0.006 min
Lab File: VY004731.D
Acq: 10 May 2021 15:53

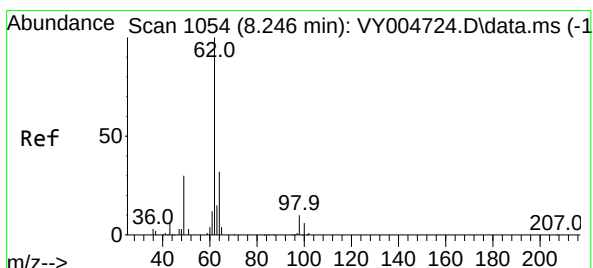
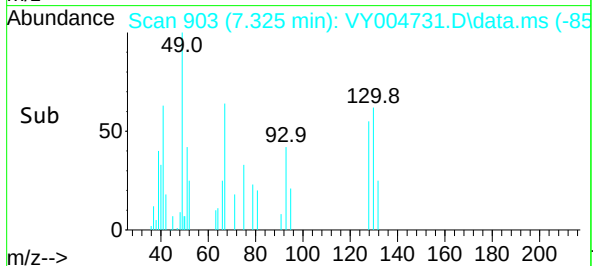
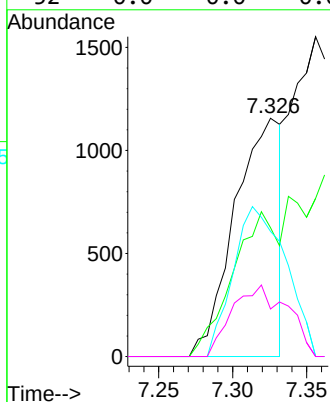
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



Tgt Ion	Ratio	Lower	Upper
41	100		
39	85.9	0.0	0.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

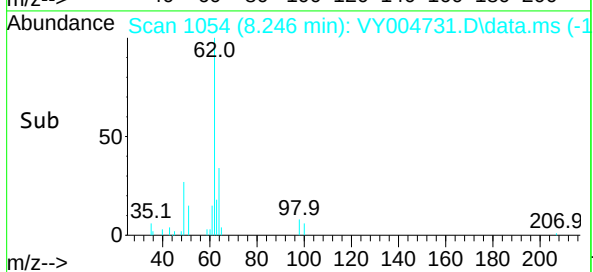
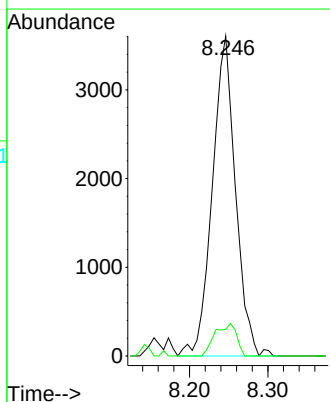
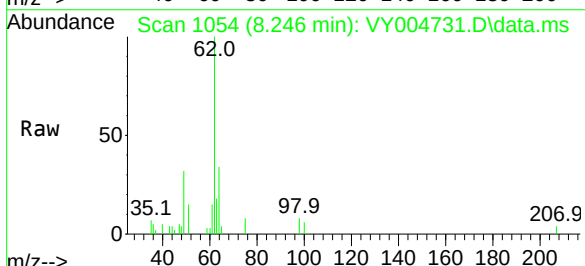
Manual Integrations
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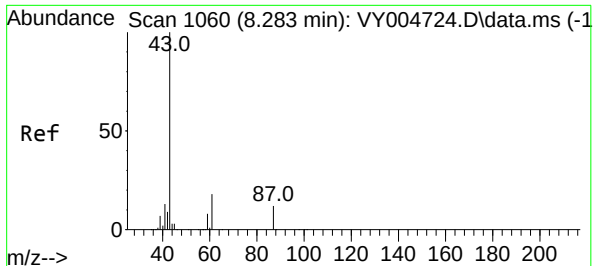
MMDadoda
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#42
1,2-Dichloroethane
Concen: 2.70 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VY004731.D
Acq: 10 May 2021 15:53

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.2





#43

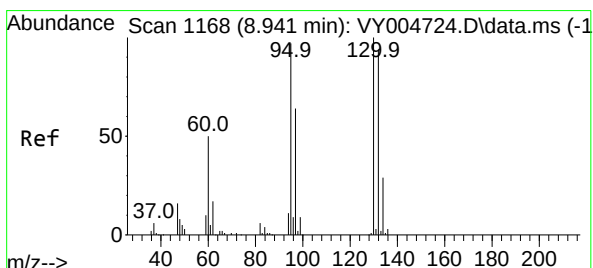
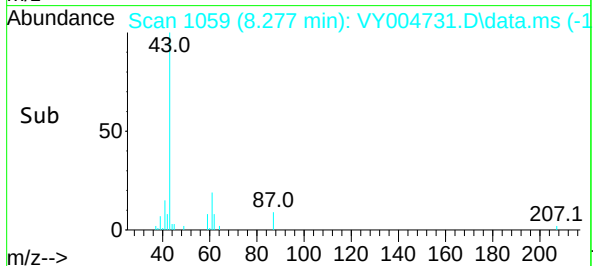
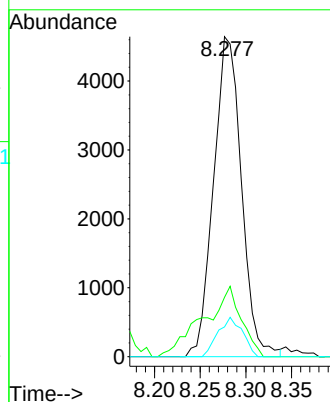
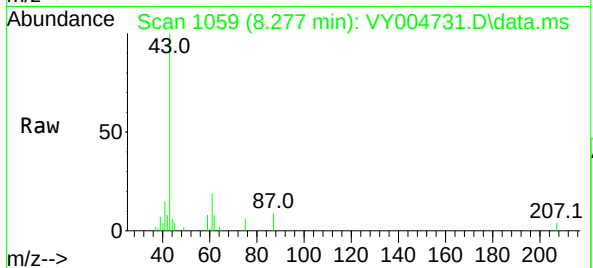
Isopropyl Acetate
Concen: 2.51 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. -0.006 min
Lab File: VY004731.D
Acq: 10 May 2021 15:53

Tgt Ion:	43	Resp:	9840
Ion Ratio	Lower	Upper	
43	100		
61	30.2	20.3	30.5
87	10.9	9.2	13.8

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

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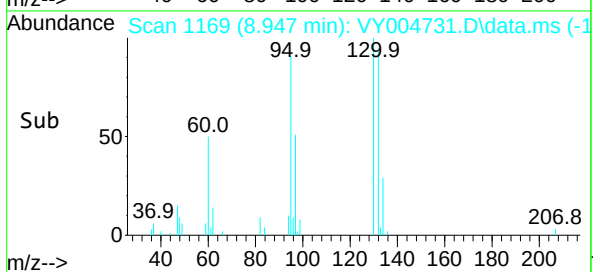
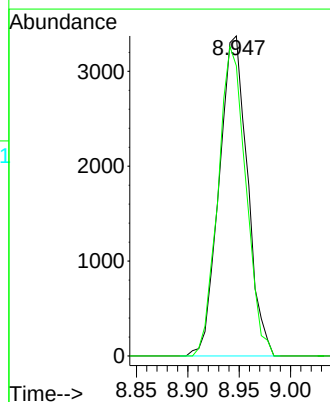
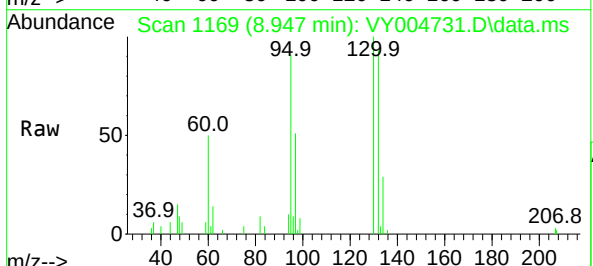
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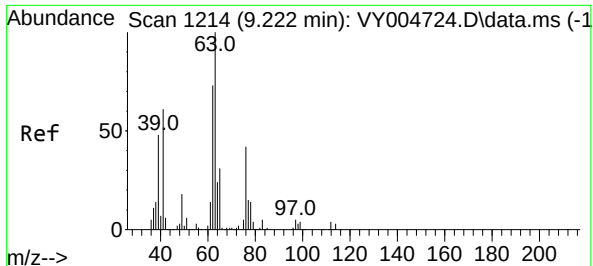


#44

Trichloroethene
Concen: 2.76 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.006 min
Lab File: VY004731.D
Acq: 10 May 2021 15:53

Tgt Ion:	130	Resp:	6453
Ion Ratio	Lower	Upper	
130	100		
95	90.7	0.0	193.6





#45

1,2-Dichloropropane

Concen: 2.51 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. -0.000 min

Lab File: VY004731.D

Acq: 10 May 2021 15:53

Tgt Ion: 63 Resp: 5720

Ion Ratio Lower Upper

63 100

65 28.8 25.0 37.4

Instrument :

MSVOA_Y

ClientSampleId :

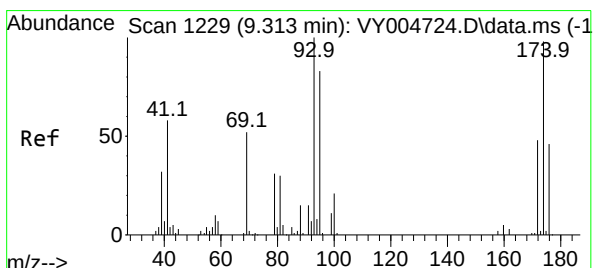
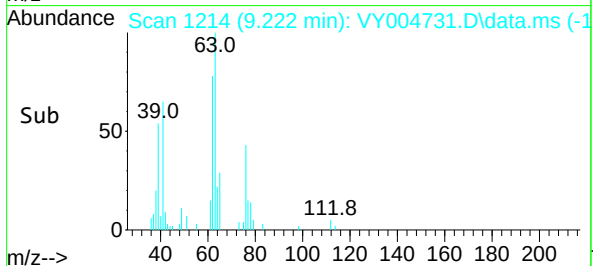
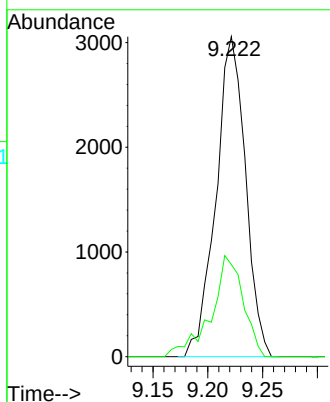
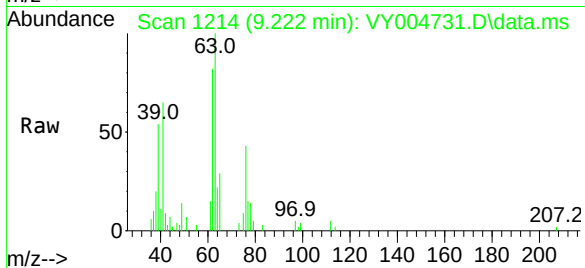
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#46

Dibromomethane

Concen: 2.57 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VY004731.D

Acq: 10 May 2021 15:53

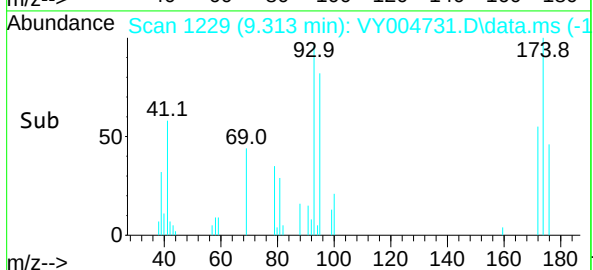
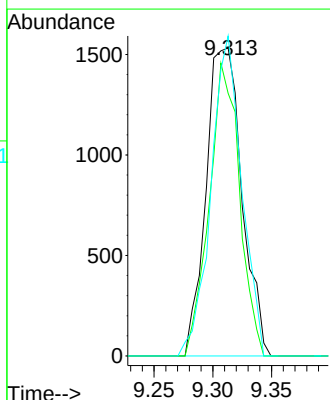
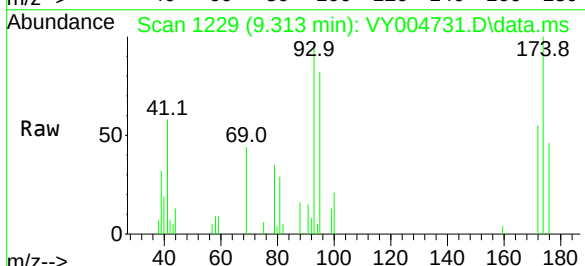
Tgt Ion: 93 Resp: 3261

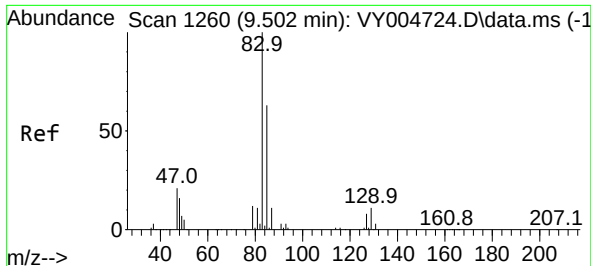
Ion Ratio Lower Upper

93 100

95 80.1 66.8 100.2

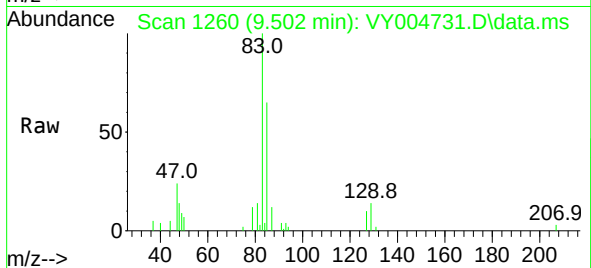
174 88.6 75.9 113.9





#47
Bromodichloromethane
Concen: 2.45 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. -0.000 min
Lab File: VY004731.D
Acq: 10 May 2021 15:53

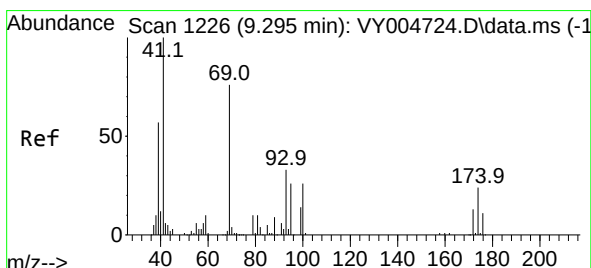
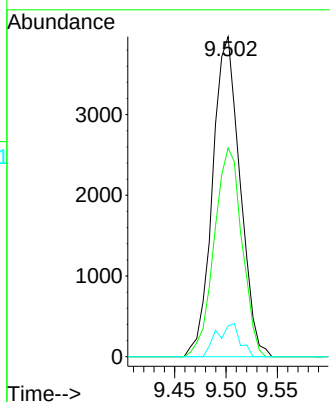
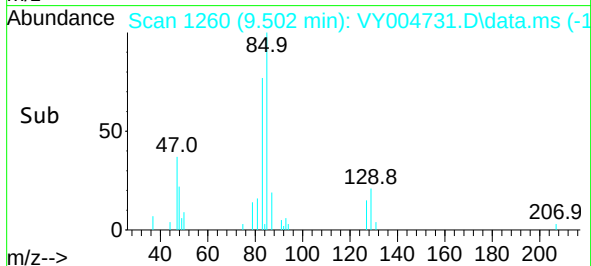
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



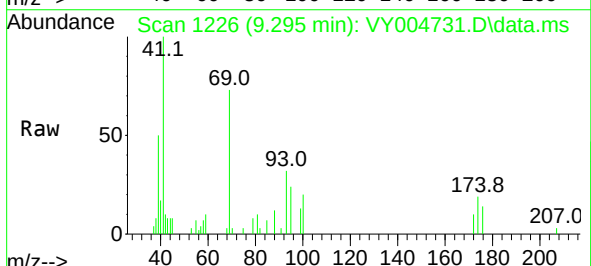
Tgt Ion: 83 Resp: 7354
Ion Ratio Lower Upper
83 100
85 65.3 50.4 75.6
127 9.7 6.6 9.8

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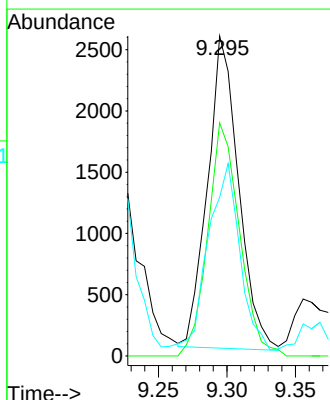
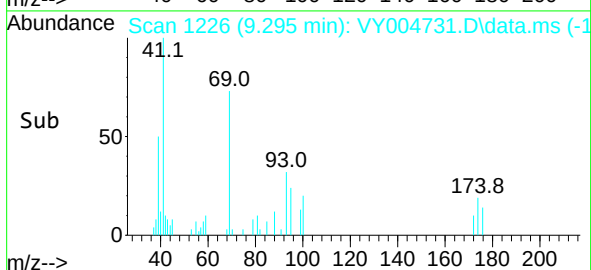
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5/11/2021 10:36:03 AM

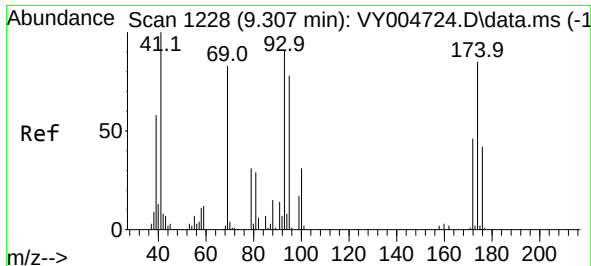


#48
Methyl methacrylate
Concen: 2.25 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY004731.D
Acq: 10 May 2021 15:53

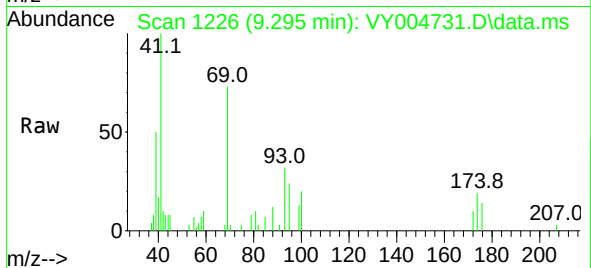


Tgt Ion: 41 Resp: 4014
Ion Ratio Lower Upper
41 100
69 76.4 62.0 93.0
39 66.6 48.4 72.6

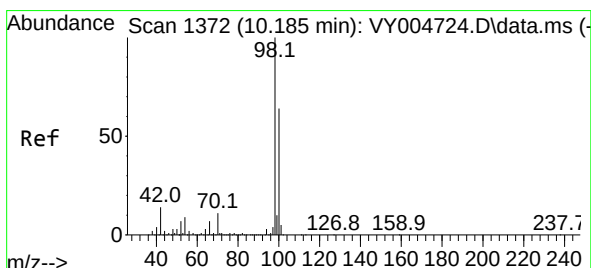
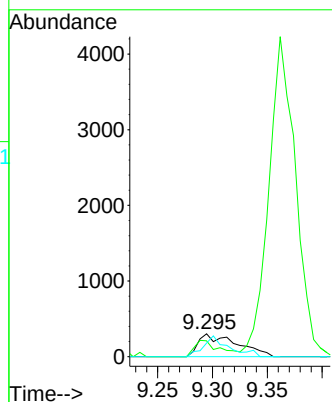
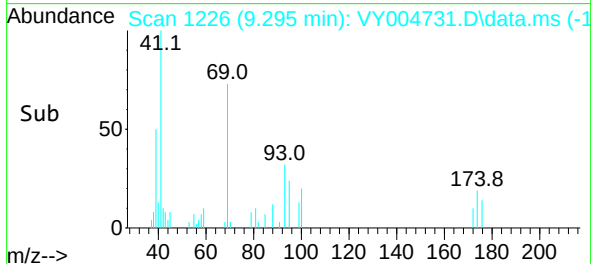




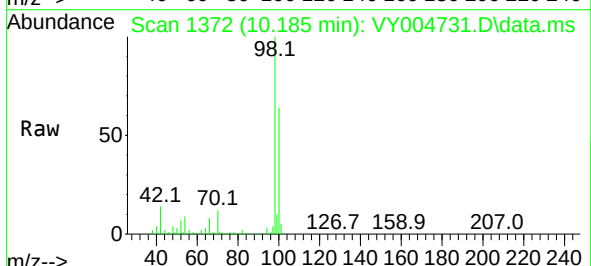
#49
1,4-Dioxane
Concen: 49.49 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.012 min
Lab File: VY004731.D
Acq: 10 May 2021 15:53



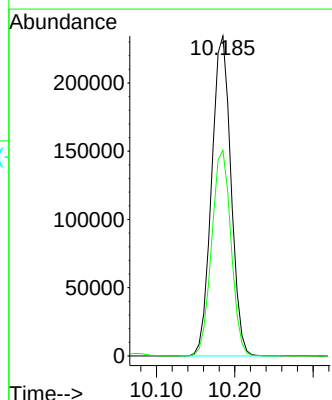
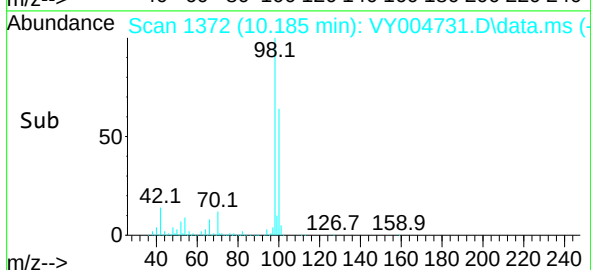
Tgt Ion: 88 Resp: 738
Ion Ratio Lower Upper
88 100
43 48.1 32.1 48.1
58 59.6 64.2 96.4#



#50
Toluene-d8
Concen: 53.95 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004731.D
Acq: 10 May 2021 15:53



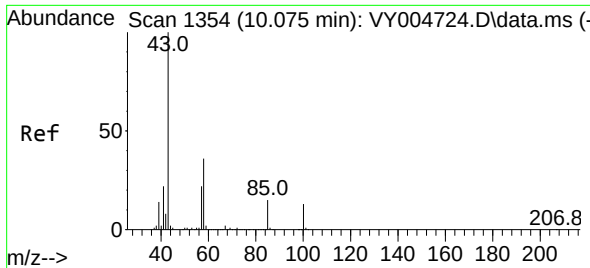
Tgt Ion: 98 Resp: 400845
Ion Ratio Lower Upper
98 100
100 64.5 51.5 77.3



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

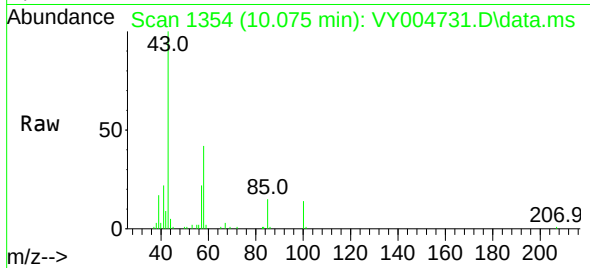
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#51
4-Methyl-2-Pentanone
Concen: 11.82 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. -0.000 min
Lab File: VY004731.D
Acq: 10 May 2021 15:53

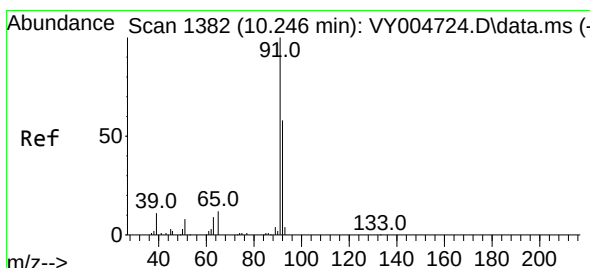
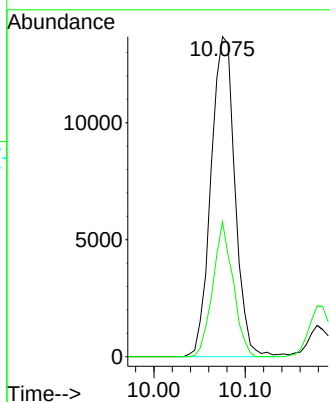
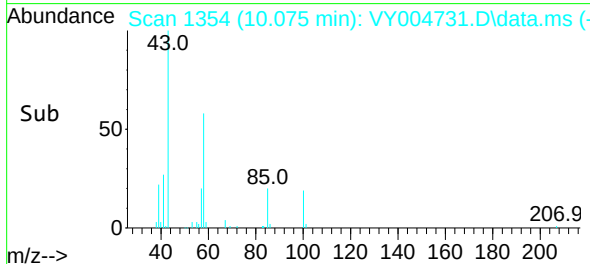
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



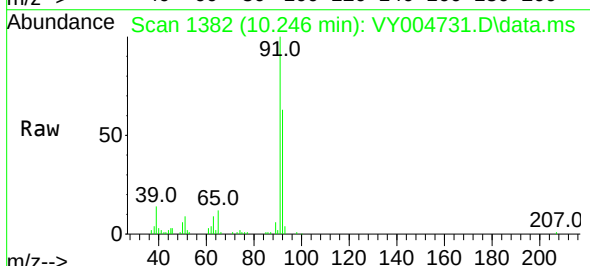
Tgt Ion: 43 Resp: 24909
Ion Ratio Lower Upper
43 100
58 35.6 28.7 43.1

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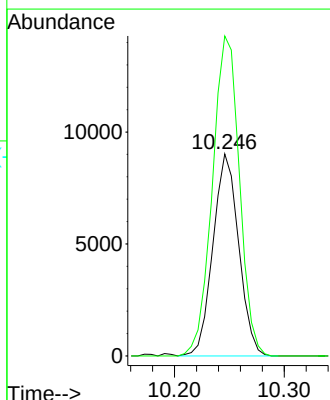
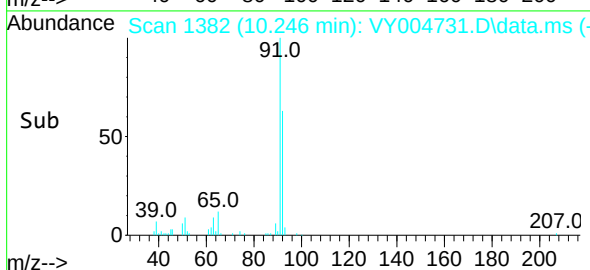
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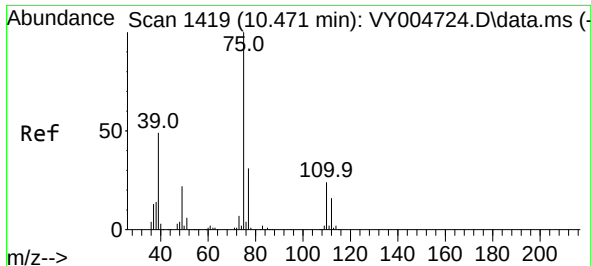


#52
Toluene
Concen: 2.67 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY004731.D
Acq: 10 May 2021 15:53

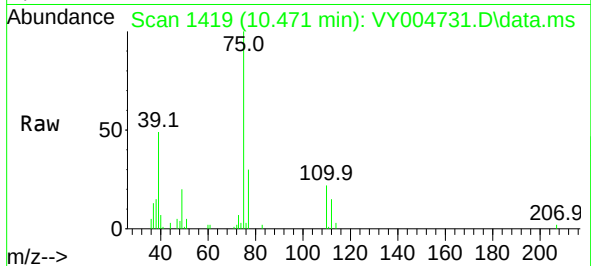


Tgt Ion: 92 Resp: 14688
Ion Ratio Lower Upper
92 100
91 166.6 138.2 207.4

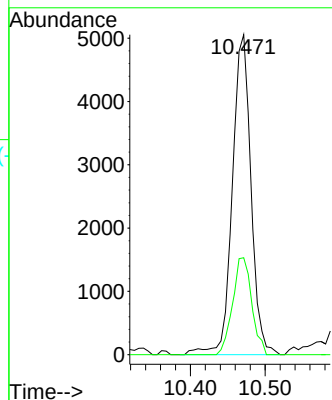
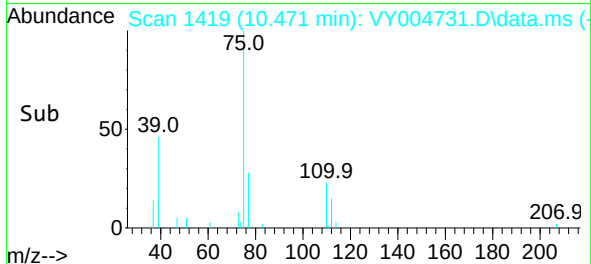




#53
t-1,3-Dichloropropene
Concen: 2.64 ug/l
RT: 10.471 min Scan# 1419
Delta R.T. -0.000 min
Lab File: VY004731.D
Acq: 10 May 2021 15:53



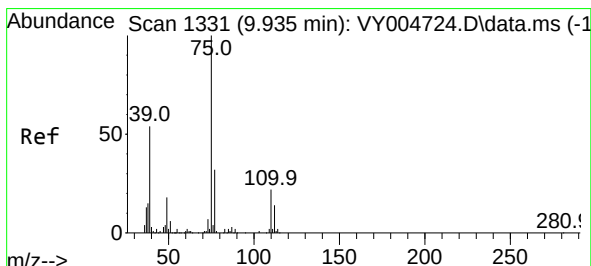
Tgt Ion: 75 Resp: 8781
Ion Ratio Lower Upper
75 100
77 30.3 24.8 37.2



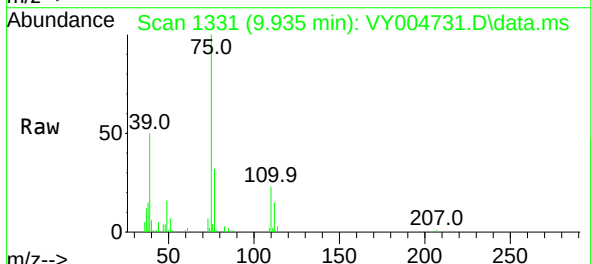
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

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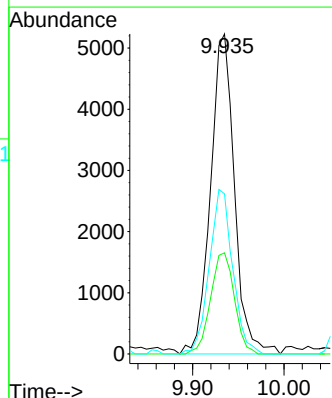
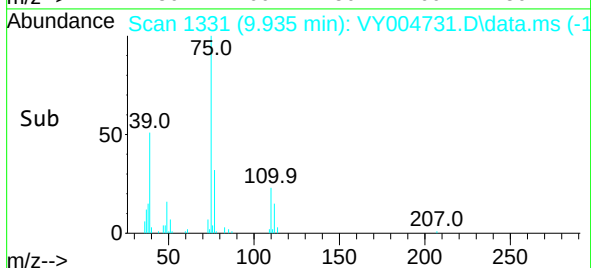
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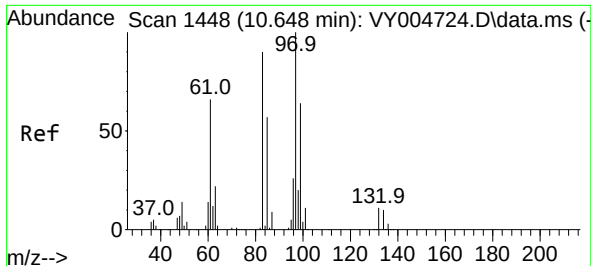


#54
cis-1,3-Dichloropropene
Concen: 2.56 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. -0.000 min
Lab File: VY004731.D
Acq: 10 May 2021 15:53



Tgt Ion: 75 Resp: 9495
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.0
39 50.1 43.2 64.8





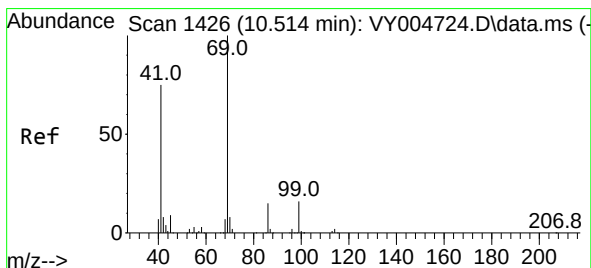
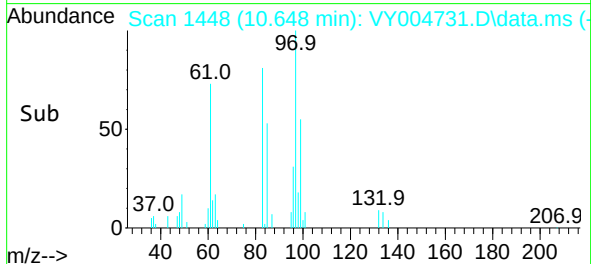
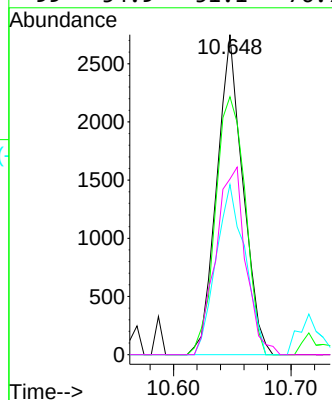
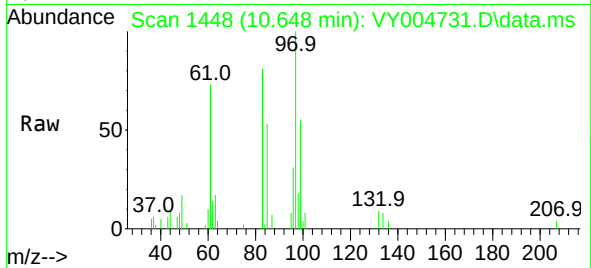
#55
1,1,2-Trichloroethane
Concen: 2.43 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VY004731.D
Acq: 10 May 2021 15:53

Tgt Ion	Ratio	Lower	Upper
97	100		
83	80.6	71.9	107.9
85	53.2	45.8	68.6
99	54.9	51.1	76.7

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

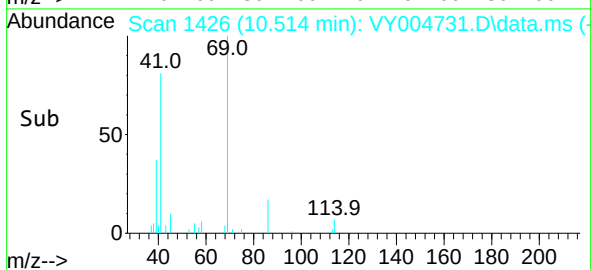
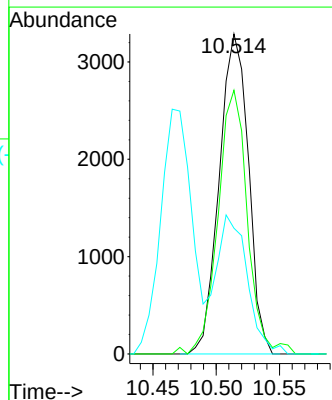
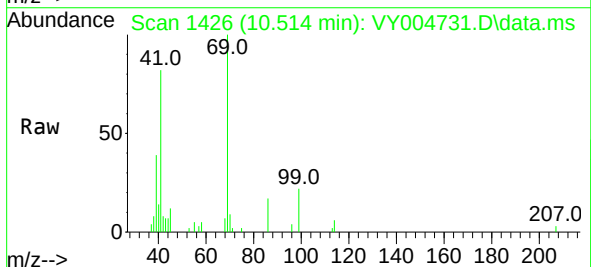
Manual Integrations
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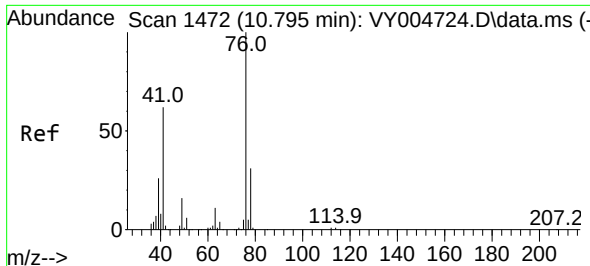
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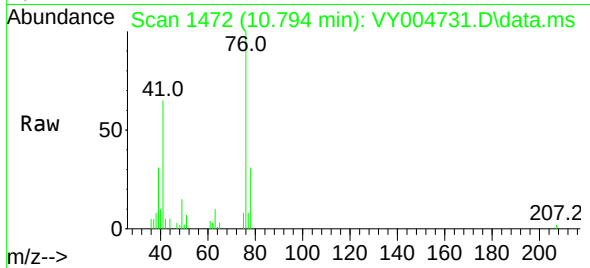
#56
Ethyl methacrylate
Concen: 2.09 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. -0.000 min
Lab File: VY004731.D
Acq: 10 May 2021 15:53

Tgt Ion	Ratio	Lower	Upper
69	100		
41	83.4	60.2	90.4
39	46.8	33.5	50.3

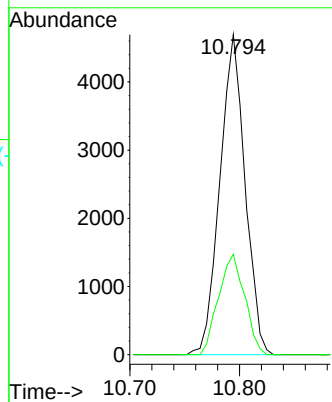
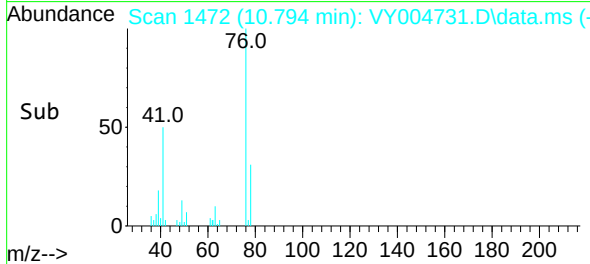




#57
1,3-Dichloropropane
Concen: 2.42 ug/l
RT: 10.794 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VY004731.D
Acq: 10 May 2021 15:53



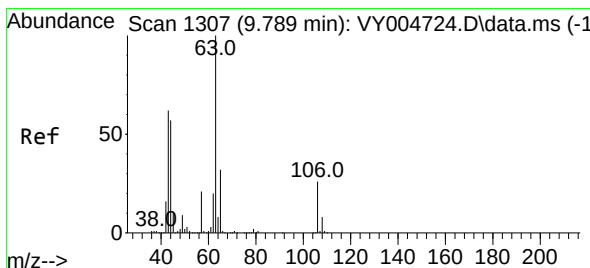
Tgt Ion: 76 Resp: 7489
Ion Ratio Lower Upper
76 100
78 32.6 25.5 38.3



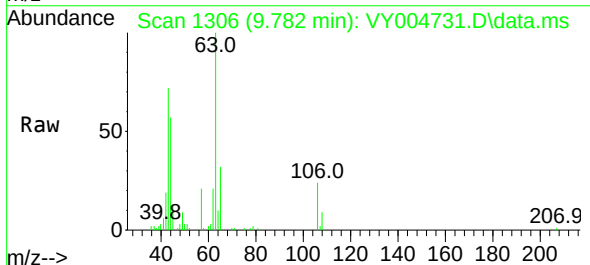
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

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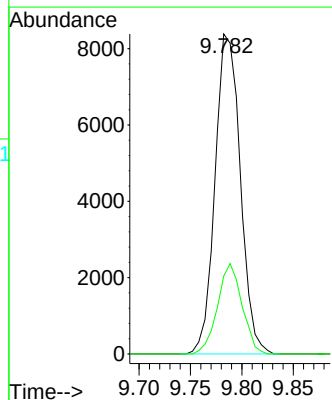
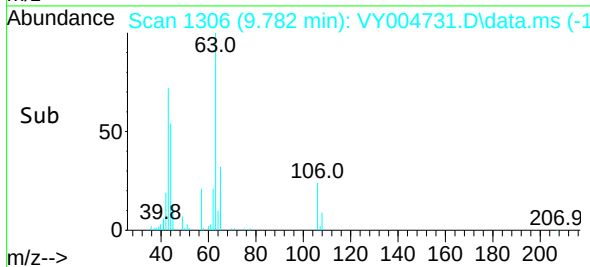
MMDadoda
5/11/2021 10:36:03 AM

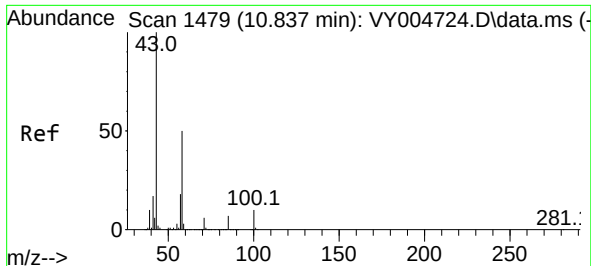


#58
2-Chloroethyl Vinyl ether
Concen: 10.99 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. -0.006 min
Lab File: VY004731.D
Acq: 10 May 2021 15:53



Tgt Ion: 63 Resp: 14303
Ion Ratio Lower Upper
63 100
106 27.4 20.9 31.3





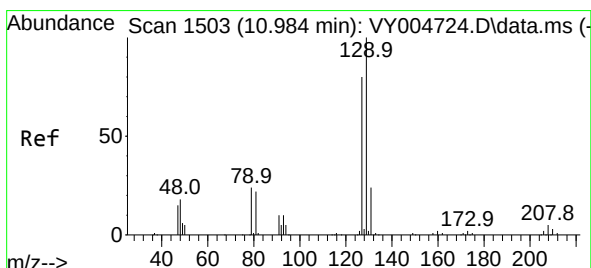
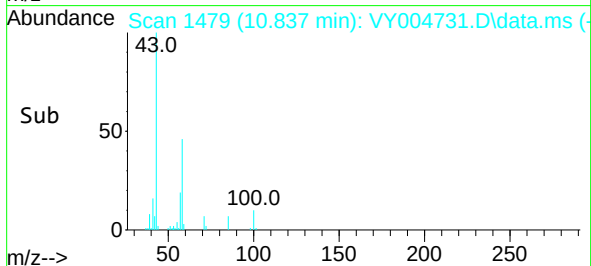
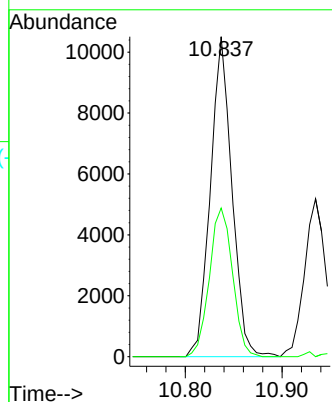
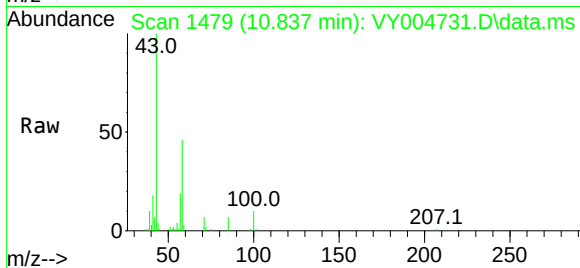
#59
2-Hexanone
Concen: 11.40 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. -0.000 min
Lab File: VY004731.D
Acq: 10 May 2021 15:53

Tgt Ion: 43 Resp: 16280
Ion Ratio Lower Upper
43 100
58 49.9 24.9 74.8

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

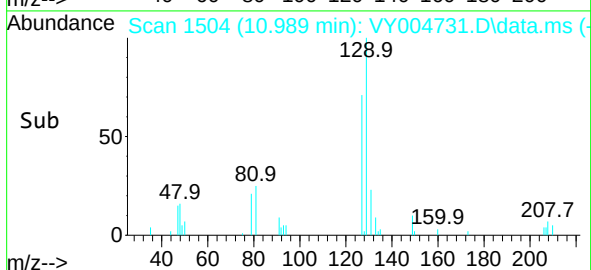
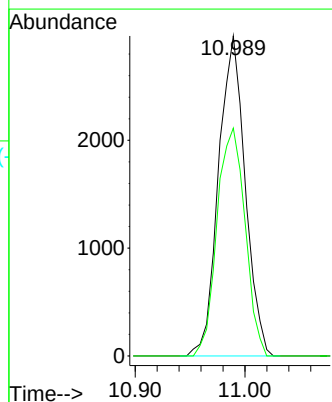
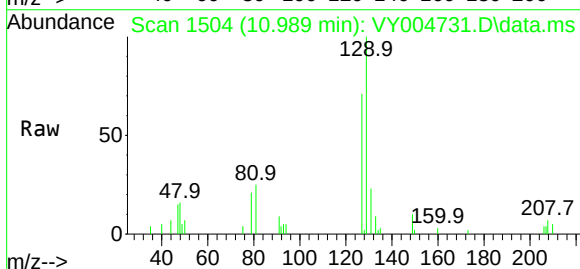
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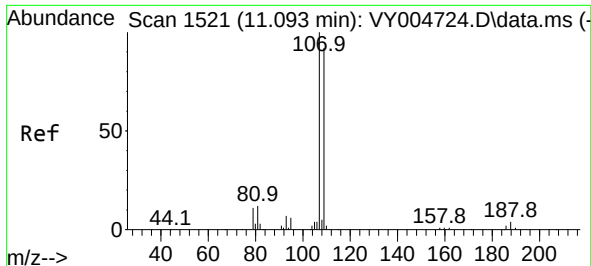
MMDadoda
5/11/2021 10:36:03 AM



#60
Dibromochloromethane
Concen: 2.42 ug/l
RT: 10.989 min Scan# 1504
Delta R.T. 0.006 min
Lab File: VY004731.D
Acq: 10 May 2021 15:53

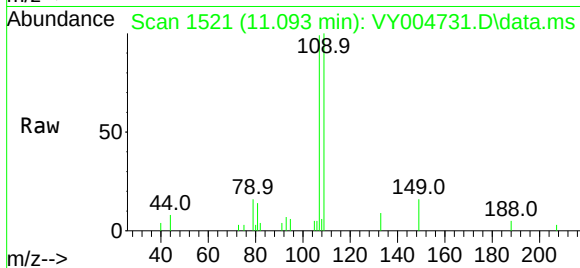
Tgt Ion: 129 Resp: 5020
Ion Ratio Lower Upper
129 100
127 74.6 39.4 118.1





#61
1,2-Dibromoethane
Concen: 2.44 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. -0.000 min
Lab File: VY004731.D
Acq: 10 May 2021 15:53

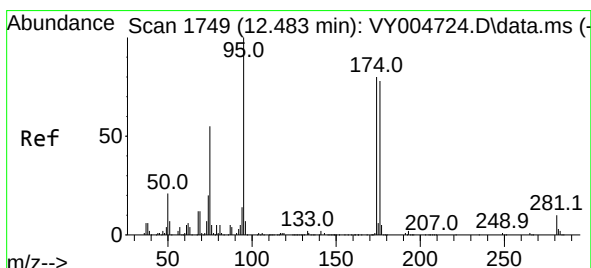
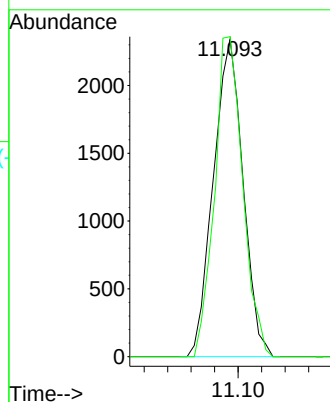
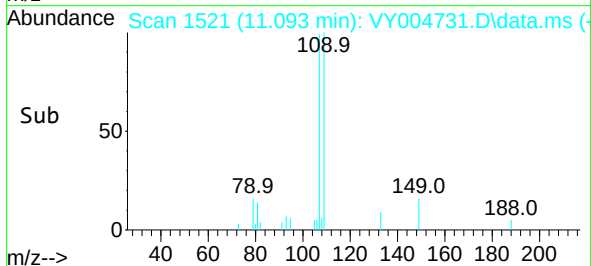
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



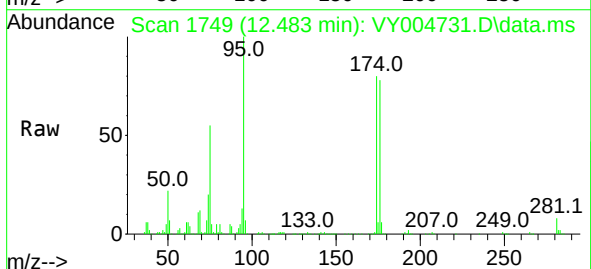
Tgt Ion:107 Resp: 4097
Ion Ratio Lower Upper
107 100
109 95.9 73.8 110.6

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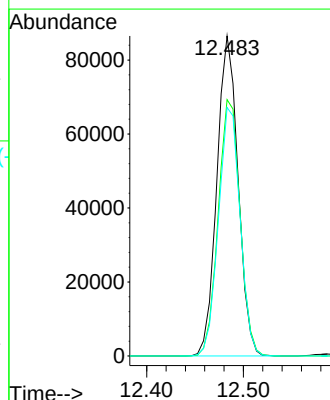
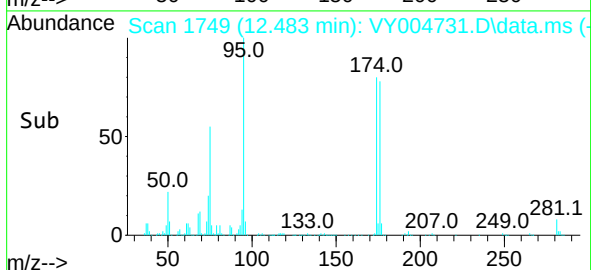
MMDadoda
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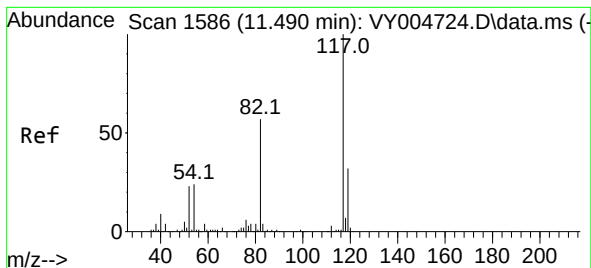


#62
4-Bromofluorobenzene
Concen: 52.34 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004731.D
Acq: 10 May 2021 15:53



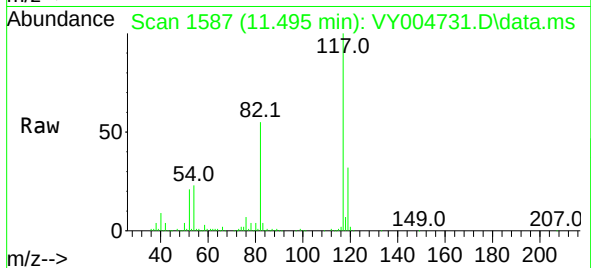
Tgt Ion: 95 Resp: 131256
Ion Ratio Lower Upper
95 100
174 82.5 0.0 164.2
176 79.4 0.0 159.0





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY004731.D
Acq: 10 May 2021 15:53

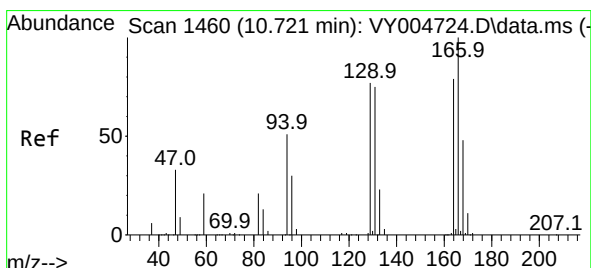
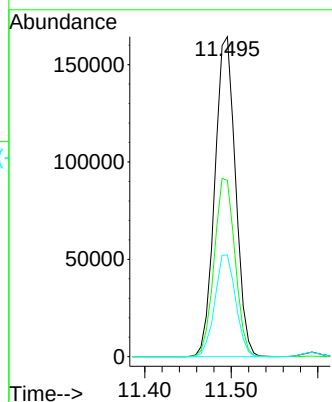
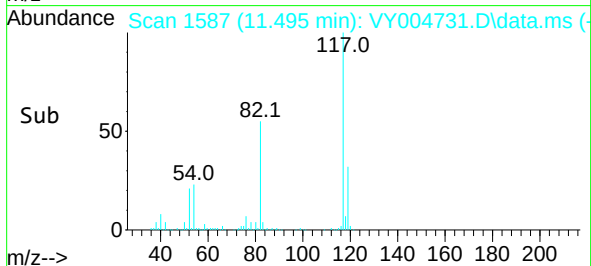
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



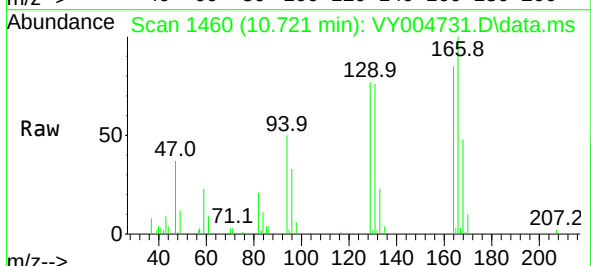
Tgt Ion:117 Resp: 272362
Ion Ratio Lower Upper
117 100
82 55.1 45.4 68.2
119 31.7 25.8 38.6

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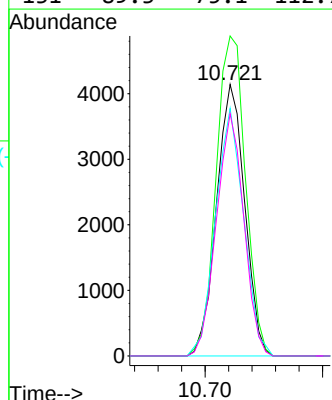
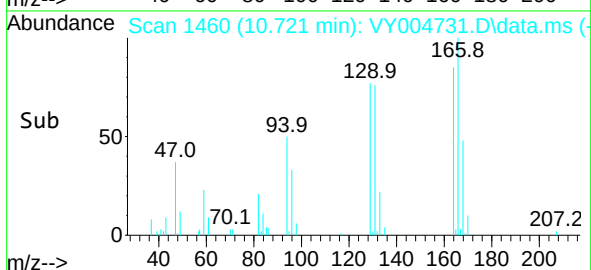
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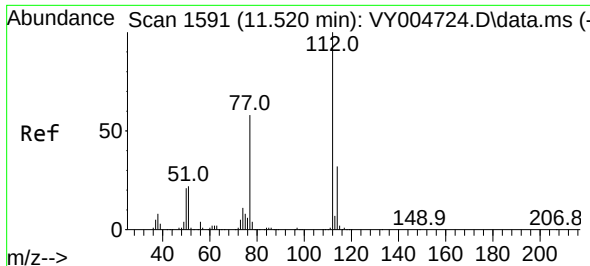


#64
Tetrachloroethene
Concen: 2.81 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY004731.D
Acq: 10 May 2021 15:53



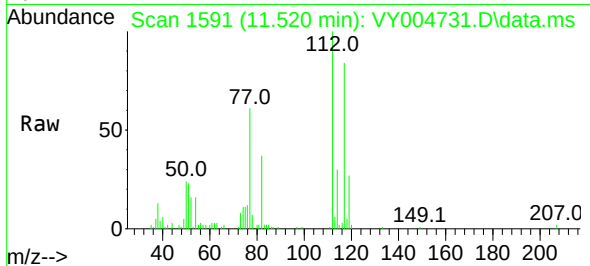
Tgt Ion:164 Resp: 6904
Ion Ratio Lower Upper
164 100
166 117.9 100.8 151.2
129 91.2 77.5 116.3
131 89.3 75.1 112.7





#65
Chlorobenzene
Concen: 2.75 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY004731.D
Acq: 10 May 2021 15:53

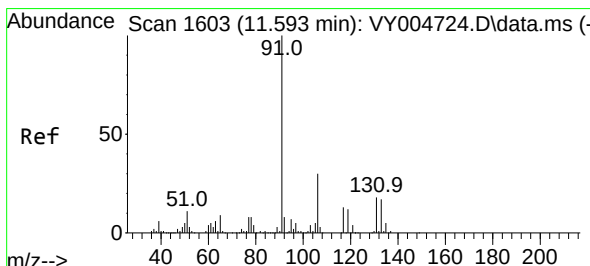
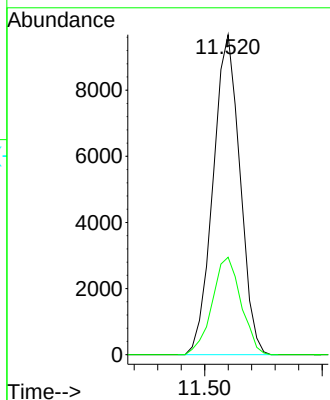
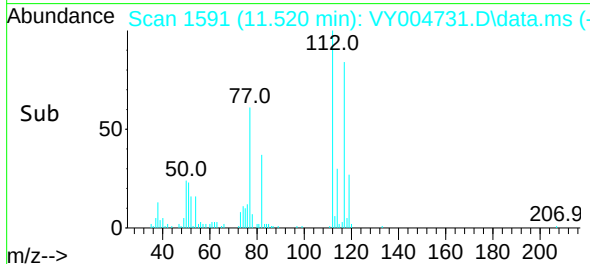
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



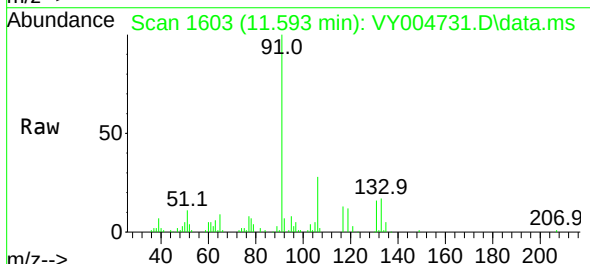
Tgt Ion:112 Resp: 15404
Ion Ratio Lower Upper
112 100
114 30.4 25.4 38.2

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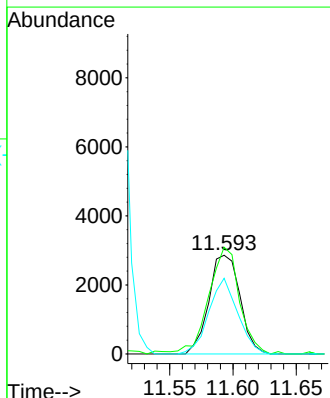
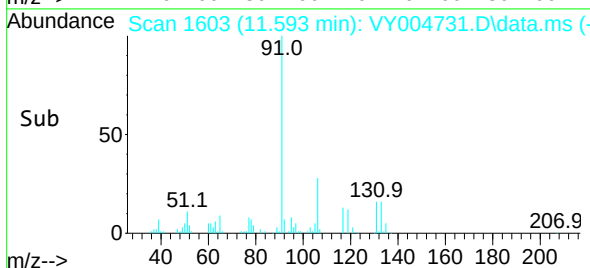
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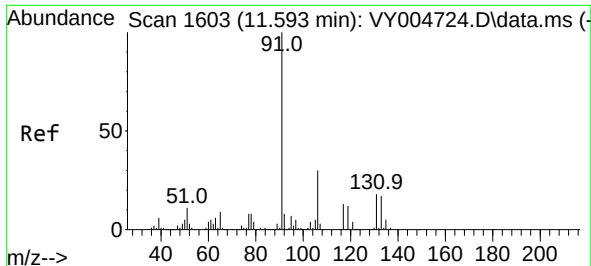


#66
1,1,1,2-Tetrachloroethane
Concen: 2.40 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY004731.D
Acq: 10 May 2021 15:53



Tgt Ion:131 Resp: 4887
Ion Ratio Lower Upper
131 100
133 108.5 47.9 143.7
119 71.5 32.8 98.4





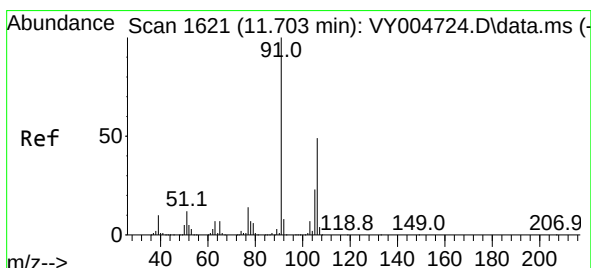
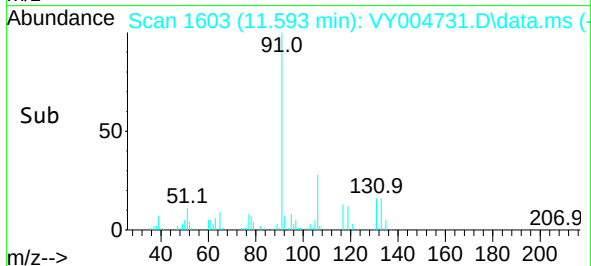
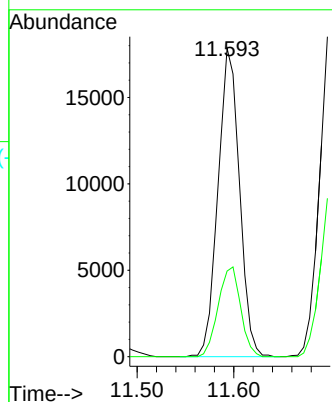
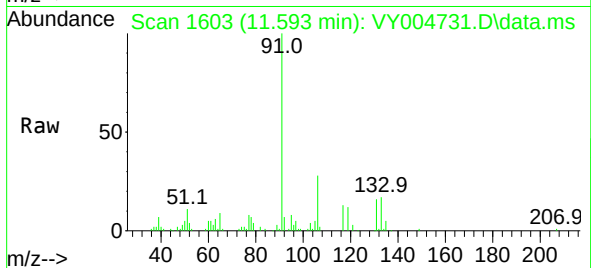
#67
Ethyl Benzene
Concen: 2.64 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY004731.D
Acq: 10 May 2021 15:53

Tgt Ion: 91 Resp: 27490
Ion Ratio Lower Upper
91 100
106 27.8 24.0 36.0

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

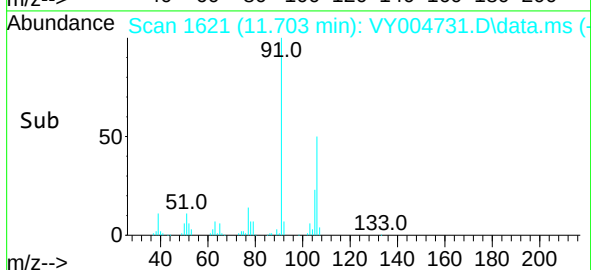
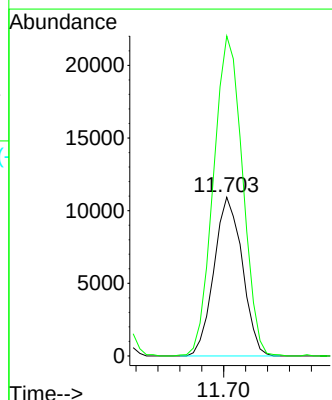
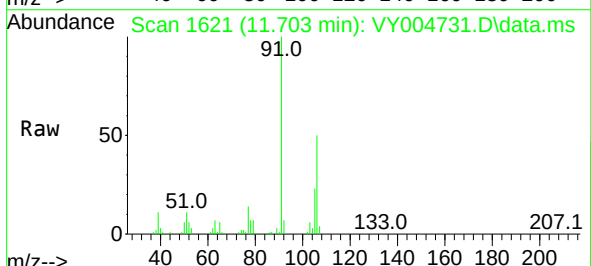
Manual Integrations
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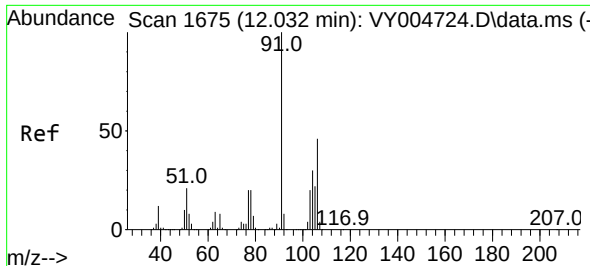
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#68
m/p-Xylenes
Concen: 5.01 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY004731.D
Acq: 10 May 2021 15:53

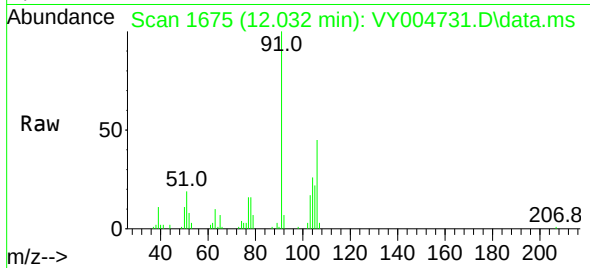
Tgt Ion: 106 Resp: 19617
Ion Ratio Lower Upper
106 100
91 207.0 163.6 245.4





#69
o-Xylene
Concen: 2.45 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY004731.D
Acq: 10 May 2021 15:53

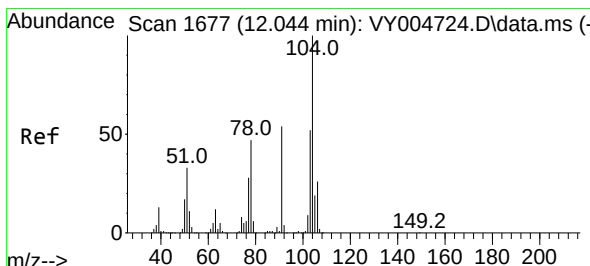
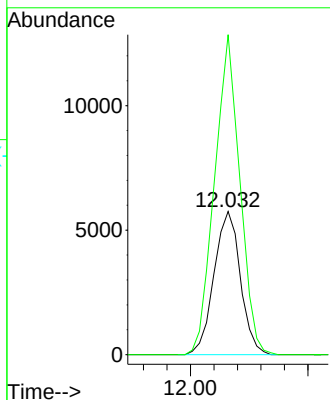
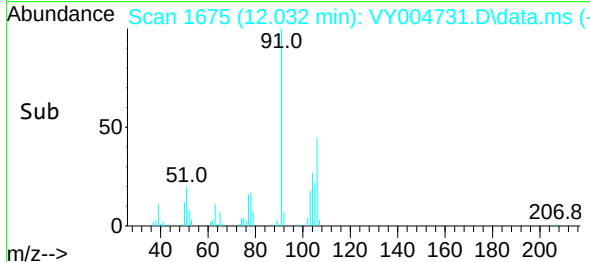
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



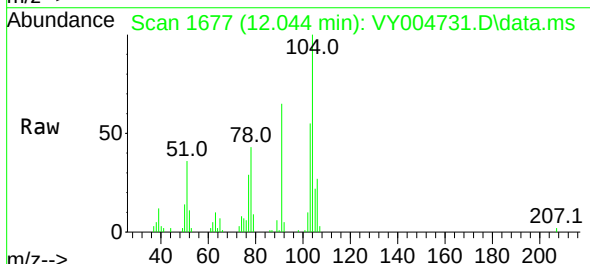
Tgt Ion:106 Resp: 8974
Ion Ratio Lower Upper
106 100
91 214.3 108.9 326.7

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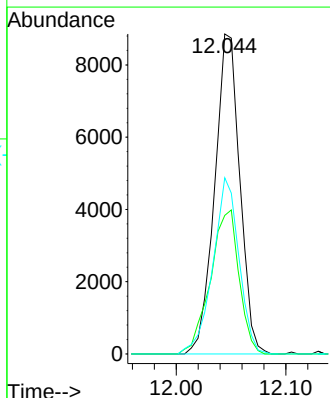
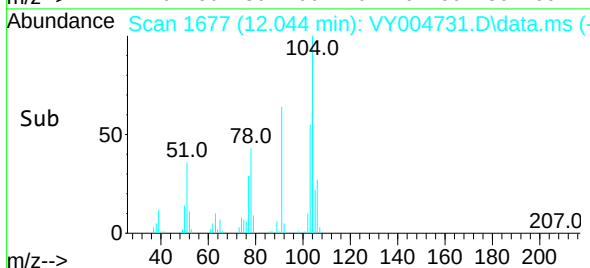
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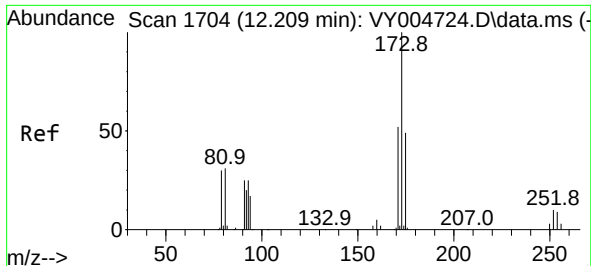


#70
Styrene
Concen: 2.30 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY004731.D
Acq: 10 May 2021 15:53

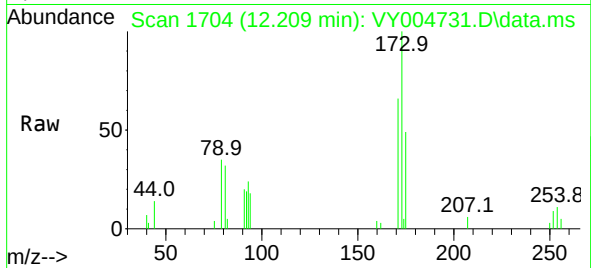


Tgt Ion:104 Resp: 14124
Ion Ratio Lower Upper
104 100
78 51.3 40.3 60.5
103 57.0 44.2 66.4

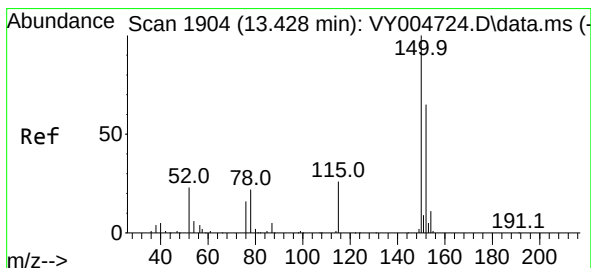
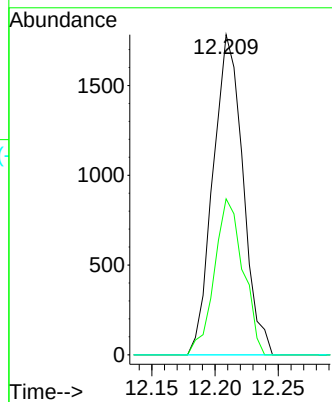
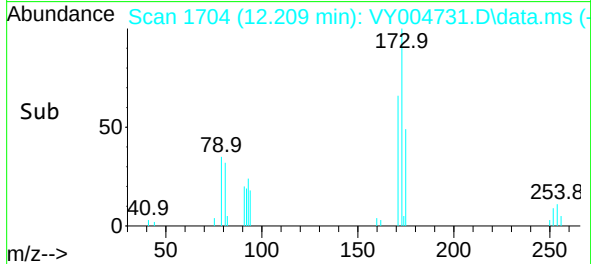




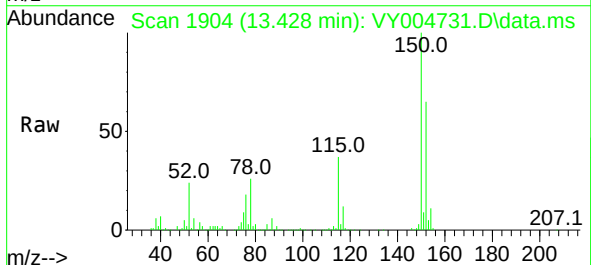
#71
Bromoform
Concen: 2.37 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY004731.D
Acq: 10 May 2021 15:53



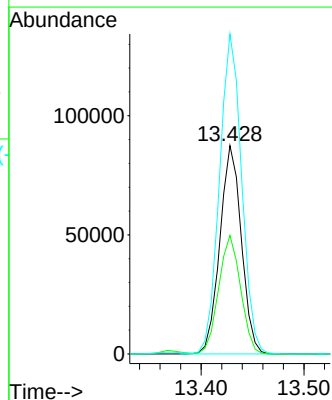
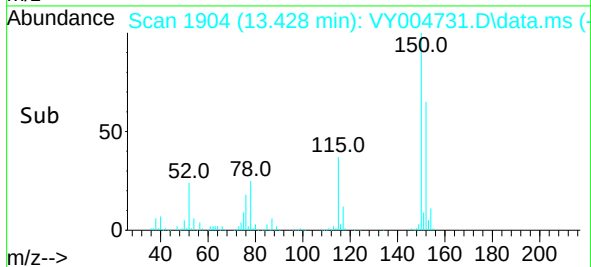
Tgt Ion:173 Resp: 2927
Ion Ratio Lower Upper
173 100
175 47.0 24.1 72.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004731.D
Acq: 10 May 2021 15:53



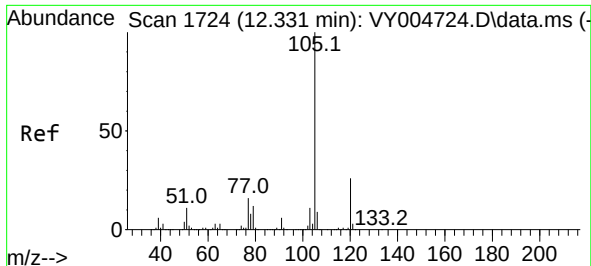
Tgt Ion:152 Resp: 127062
Ion Ratio Lower Upper
152 100
115 57.8 29.4 88.3
150 157.9 0.0 349.8



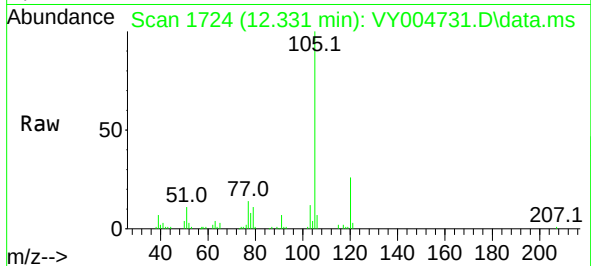
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

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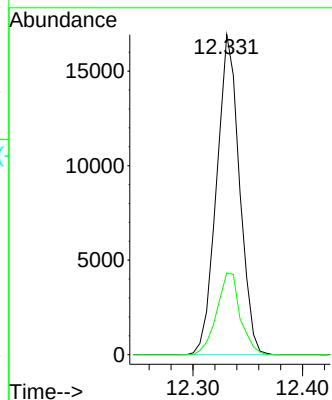
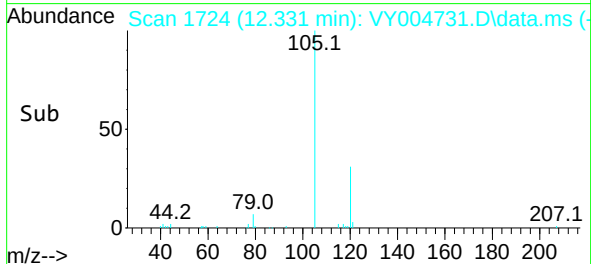
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#73
Isopropylbenzene
Concen: 2.56 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY004731.D
Acq: 10 May 2021 15:53



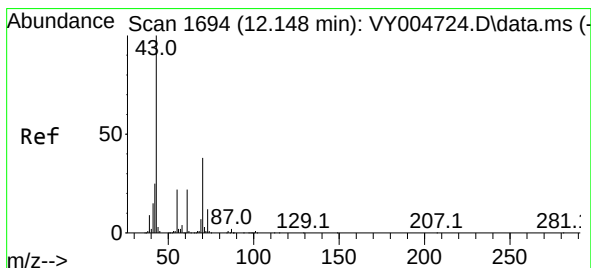
Tgt Ion: 105 Resp: 24543
Ion Ratio Lower Upper
105 100
120 26.1 13.1 39.1



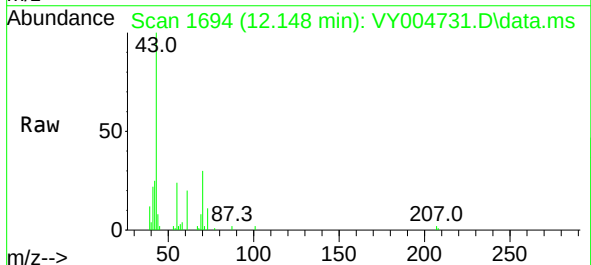
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

Manual Integrations
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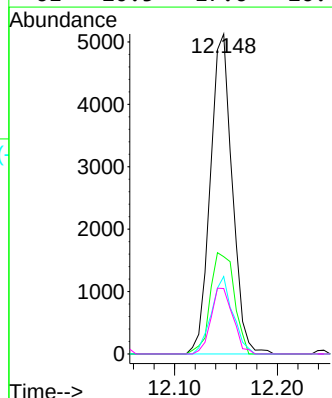
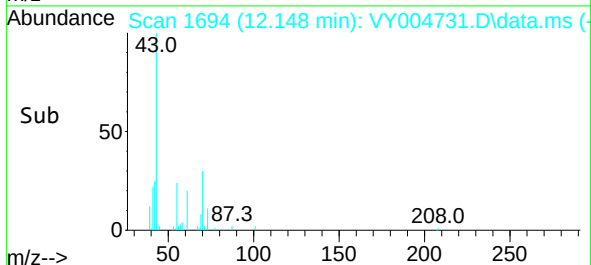
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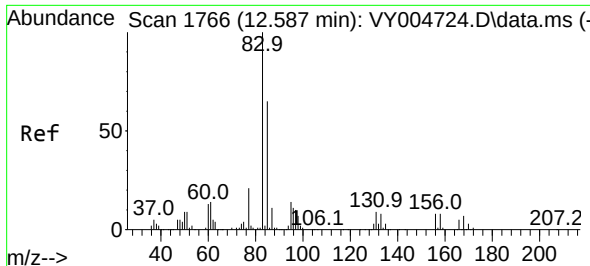


#74
N-ethyl acetate
Concen: 2.23 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VY004731.D
Acq: 10 May 2021 15:53



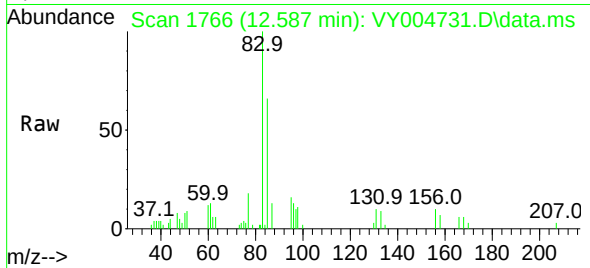
Tgt Ion: 43 Resp: 7574
Ion Ratio Lower Upper
43 100
70 34.8 30.2 45.2
55 23.6 17.8 26.8
61 20.5 17.6 26.4





#75
1,1,2,2-Tetrachloroethane
Concen: 2.57 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. -0.000 min
Lab File: VY004731.D
Acq: 10 May 2021 15:53

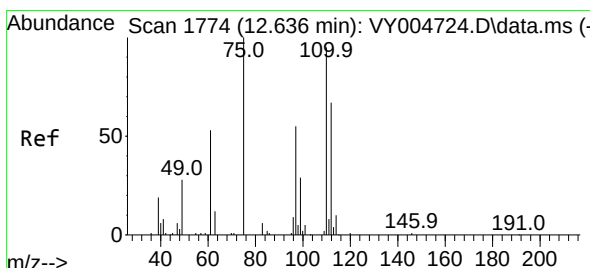
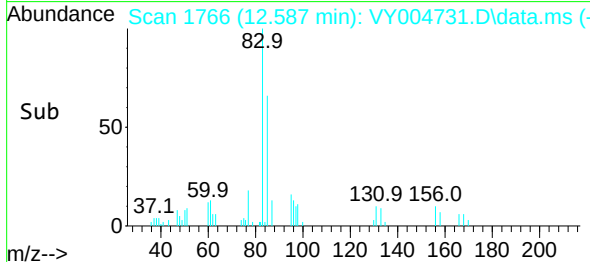
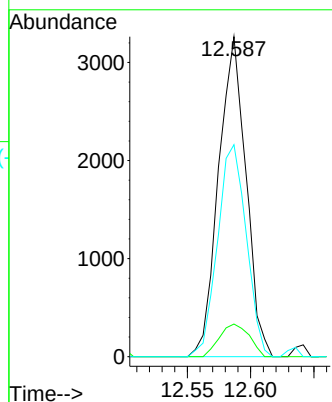
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



Tgt Ion	Ratio	Lower	Upper
83	100		
131	11.1	5.0	14.9
85	69.4	32.1	96.5

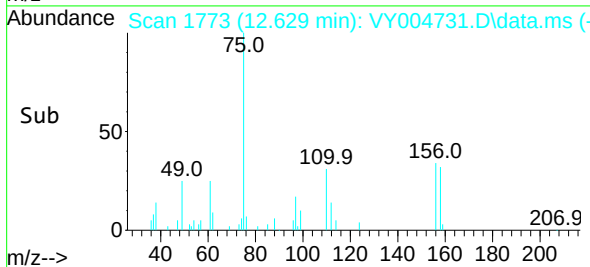
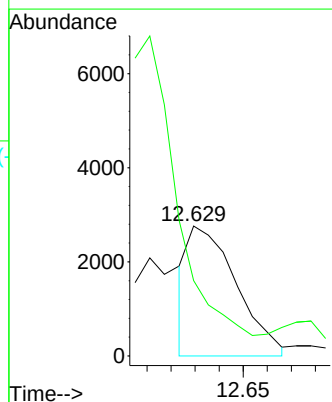
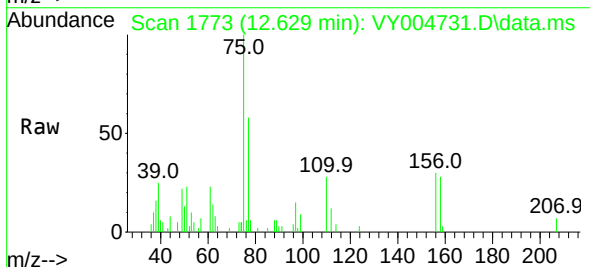
Manual Integrations
APPROVED

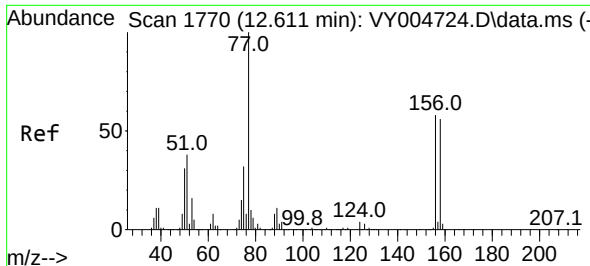
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5/11/2021 10:36:03 AM



#76
1,2,3-Trichloropropane
Concen: 2.86 ug/l m
RT: 12.629 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY004731.D
Acq: 10 May 2021 15:53

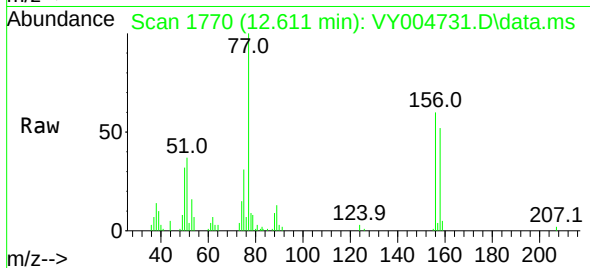
Tgt Ion	Ratio	Lower	Upper
75	100		
77	309.4	0.0	0.0#





#77
Bromobenzene
Concen: 2.74 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. -0.000 min
Lab File: VY004731.D
Acq: 10 May 2021 15:53

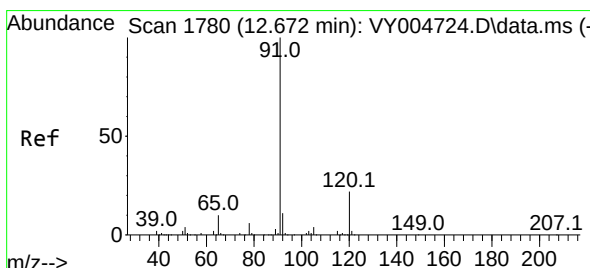
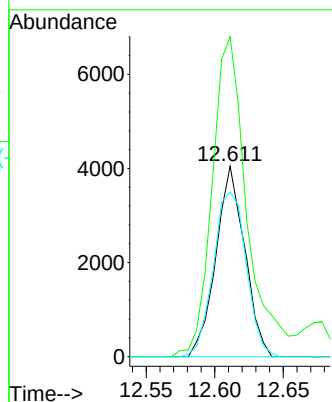
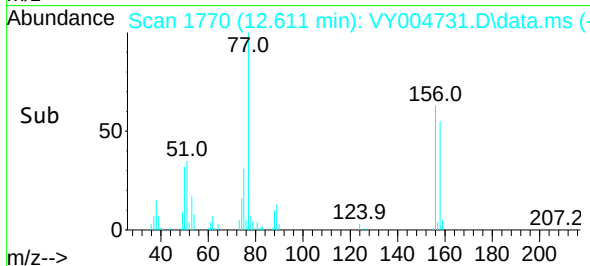
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



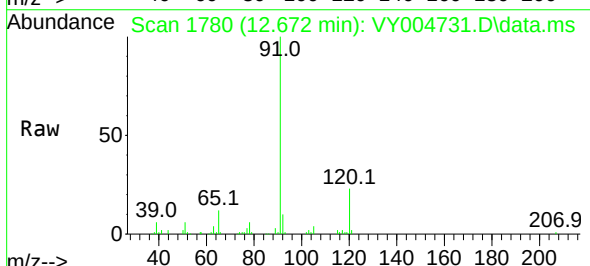
Tgt Ion: 156 Resp: 5928
Ion Ratio Lower Upper
156 100
77 201.2 100.6 301.9
158 98.4 48.8 146.3

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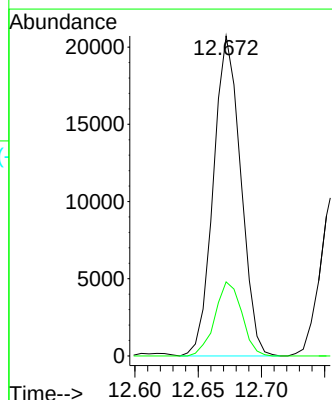
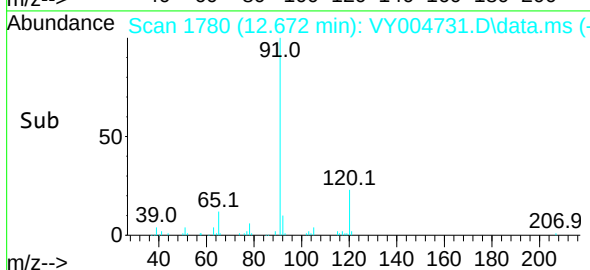
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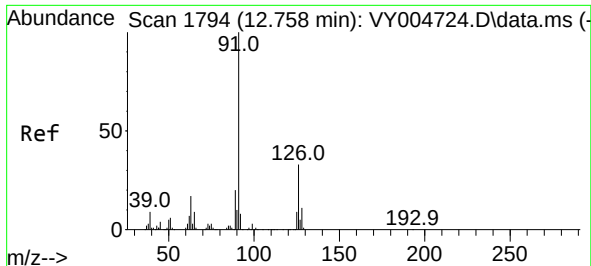


#78
n-propylbenzene
Concen: 2.66 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY004731.D
Acq: 10 May 2021 15:53



Tgt Ion: 91 Resp: 31157
Ion Ratio Lower Upper
91 100
120 22.7 11.1 33.3





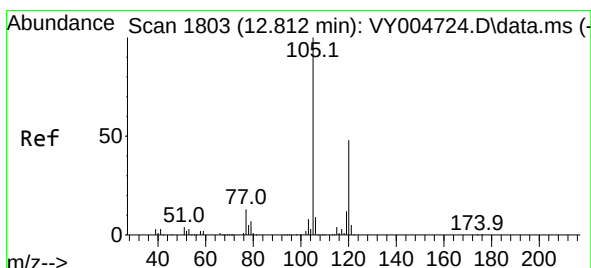
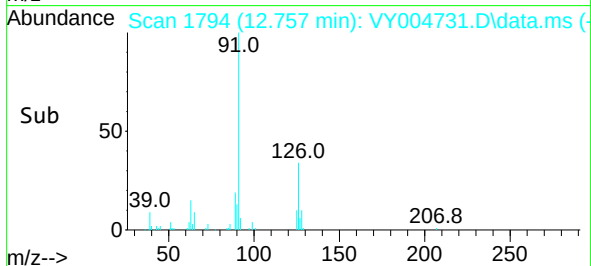
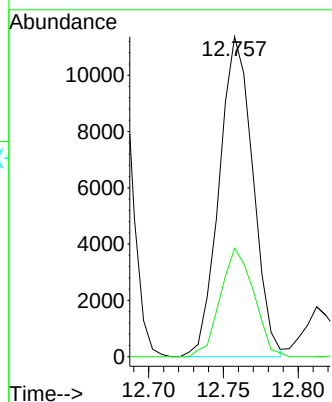
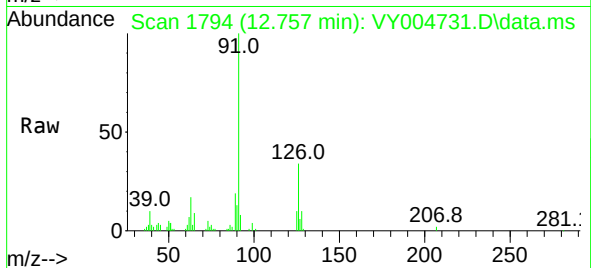
#79
2-Chlorotoluene
Concen: 2.78 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY004731.D
Acq: 10 May 2021 15:53

Tgt Ion: 91 Resp: 17848
Ion Ratio Lower Upper
91 100
126 33.4 16.8 50.3

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

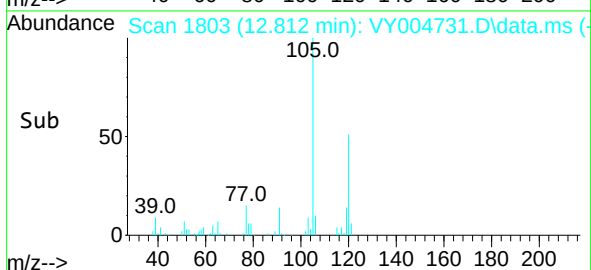
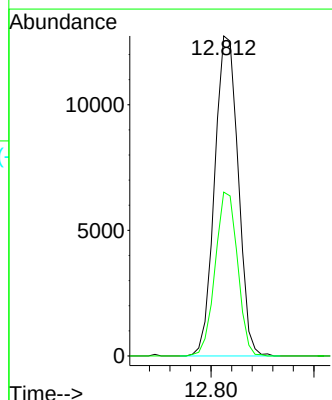
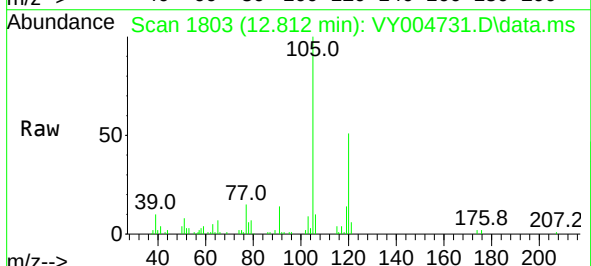
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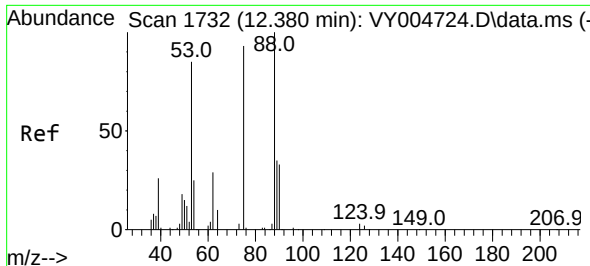
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#80
1,3,5-Trimethylbenzene
Concen: 2.54 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY004731.D
Acq: 10 May 2021 15:53

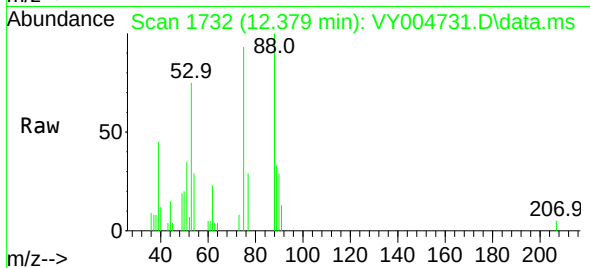
Tgt Ion: 105 Resp: 20207
Ion Ratio Lower Upper
105 100
120 48.7 24.0 72.0





#81
trans-1,4-Dichloro-2-butene
Concen: 2.67 ug/l m
RT: 12.379 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY004731.D
Acq: 10 May 2021 15:53

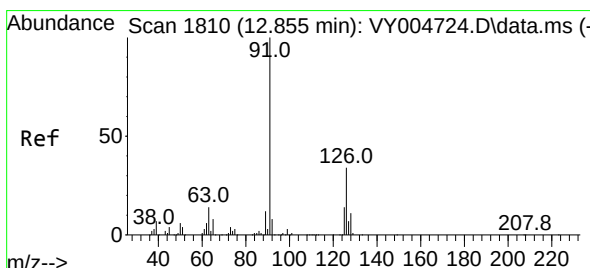
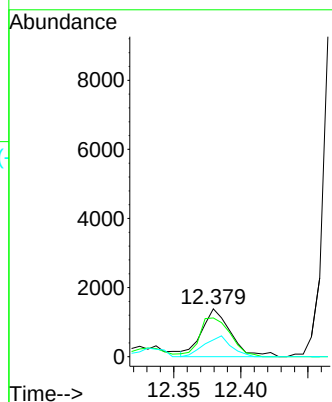
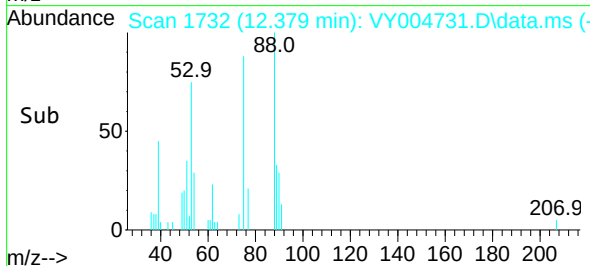
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



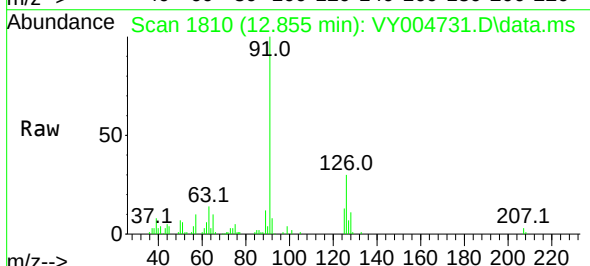
Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	73.9	110.9#
89	5.4	35.5	53.3#

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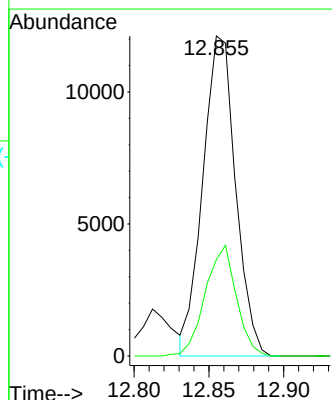
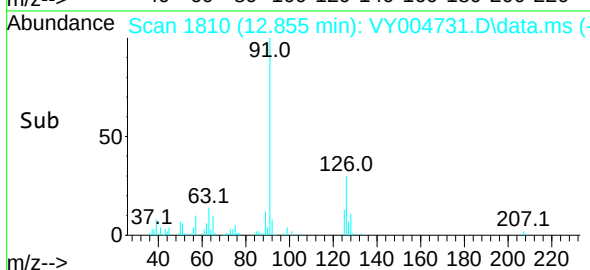
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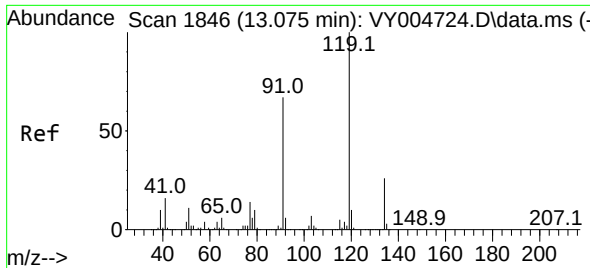


#82
4-Chlorotoluene
Concen: 2.77 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY004731.D
Acq: 10 May 2021 15:53



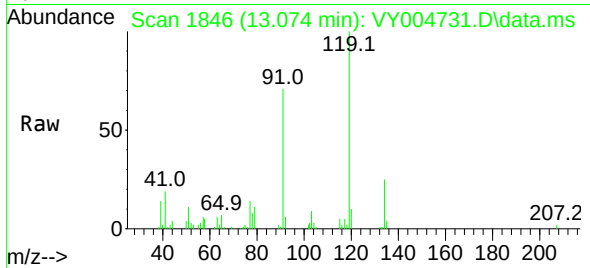
Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.8	16.8	50.3





#83
tert-Butylbenzene
Concen: 2.66 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY004731.D
Acq: 10 May 2021 15:53

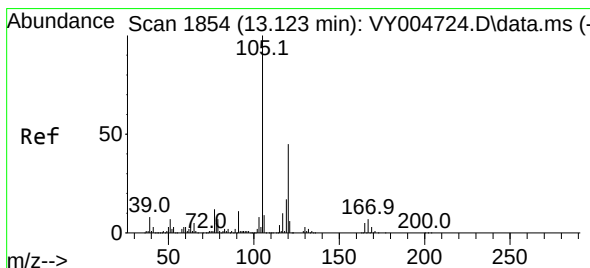
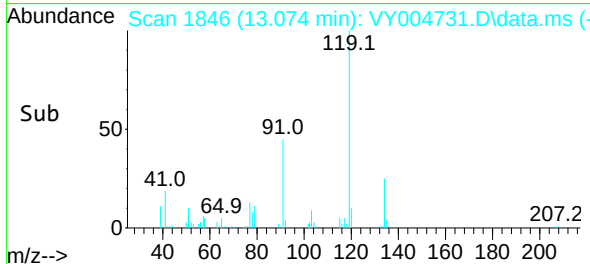
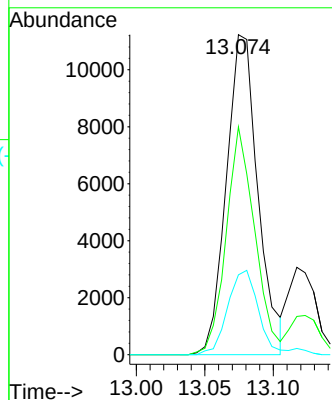
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



Tgt Ion:119 Resp: 18044
Ion Ratio Lower Upper
119 100
91 64.4 32.3 96.8
134 25.5 12.9 38.7

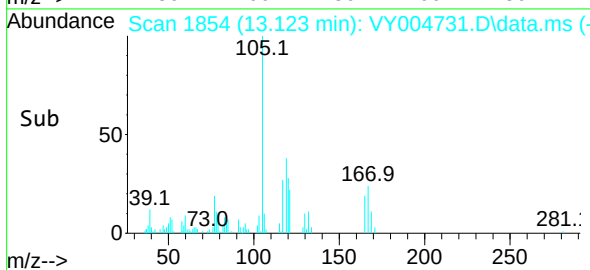
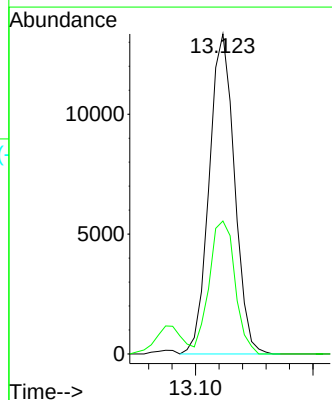
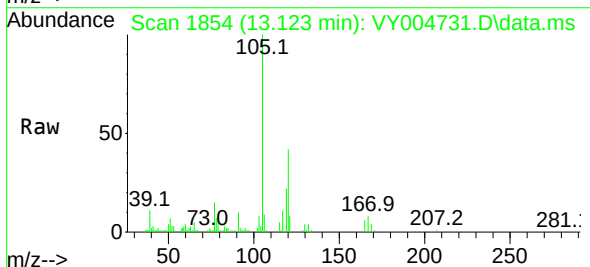
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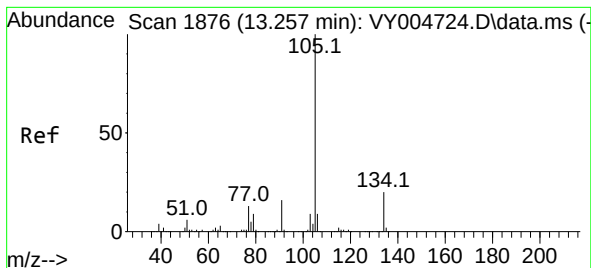
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#84
1,2,4-Trimethylbenzene
Concen: 2.51 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY004731.D
Acq: 10 May 2021 15:53

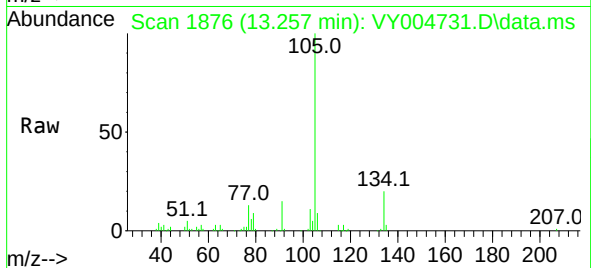
Tgt Ion:105 Resp: 19966
Ion Ratio Lower Upper
105 100
120 42.2 22.5 67.5





#85
 sec-Butylbenzene
 Concen: 2.69 ug/l
 RT: 13.257 min Scan# 1876
 Delta R.T. -0.000 min
 Lab File: VY004731.D
 Acq: 10 May 2021 15:53

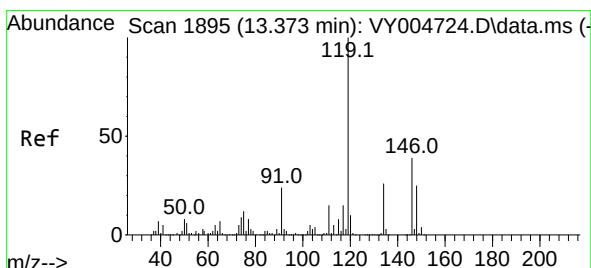
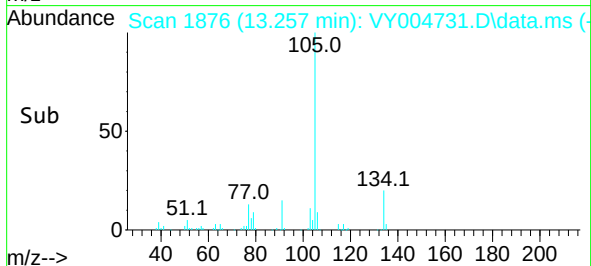
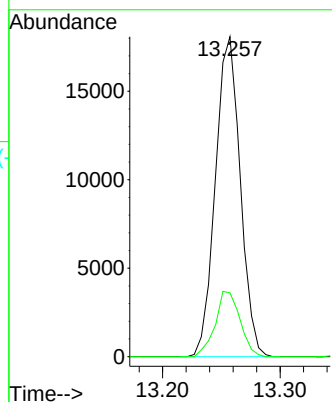
Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2021



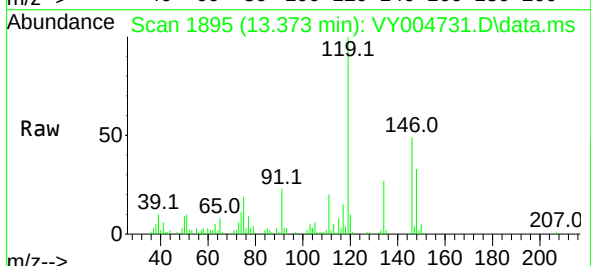
Tgt Ion:105 Resp: 26576
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.0 29.8

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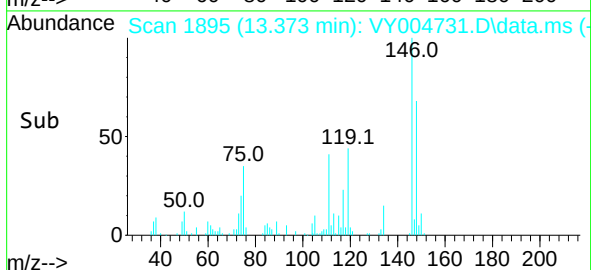
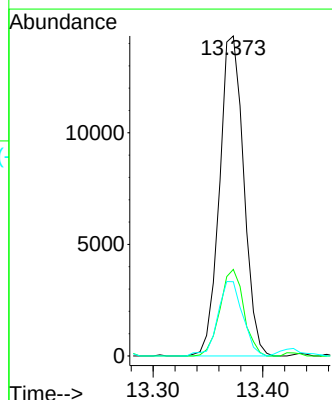
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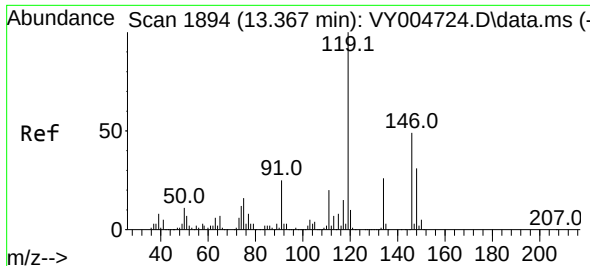


#86
 p-Isopropyltoluene
 Concen: 2.57 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. -0.000 min
 Lab File: VY004731.D
 Acq: 10 May 2021 15:53

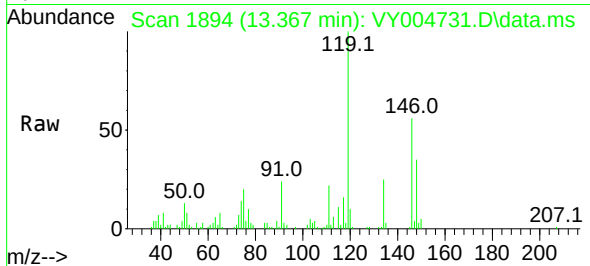


Tgt Ion:119 Resp: 21989
 Ion Ratio Lower Upper
 119 100
 134 26.6 12.9 38.7
 91 23.9 12.0 36.1

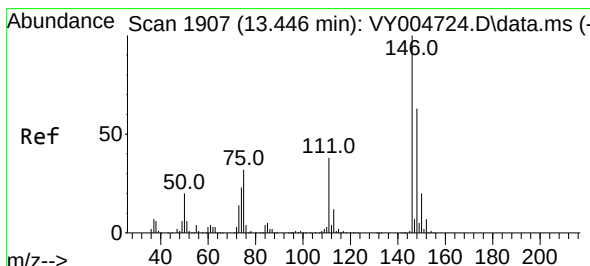
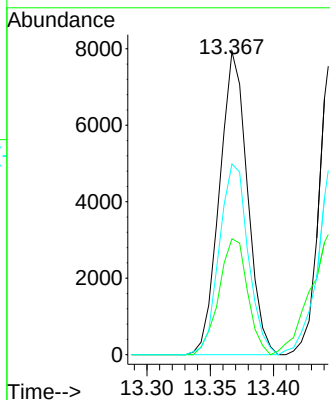
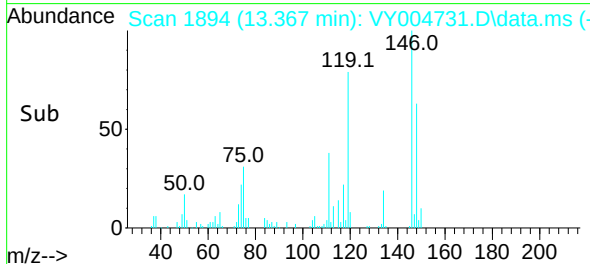




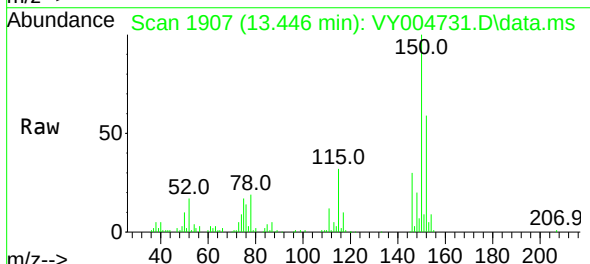
#87
1,3-Dichlorobenzene
Concen: 2.86 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY004731.D
Acq: 10 May 2021 15:53



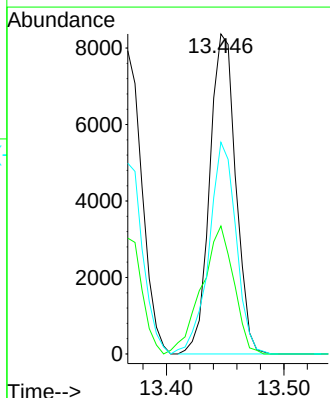
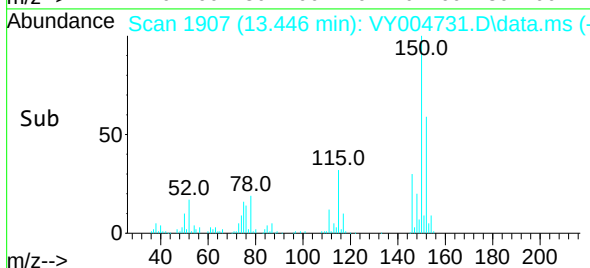
Tgt Ion:146 Resp: 12146
Ion Ratio Lower Upper
146 100
111 39.1 20.3 60.9
148 65.2 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 3.08 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY004731.D
Acq: 10 May 2021 15:53



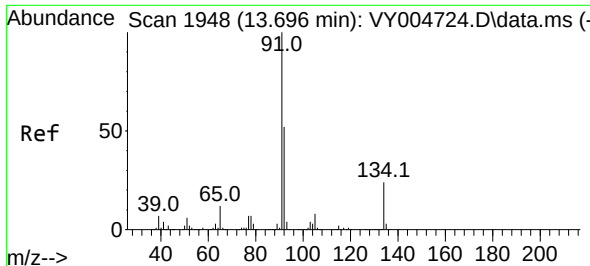
Tgt Ion:146 Resp: 12877
Ion Ratio Lower Upper
146 100
111 49.1 19.6 58.8
148 69.0 31.9 95.5



Instrument :
MSVOA_Y
ClientSampleId :
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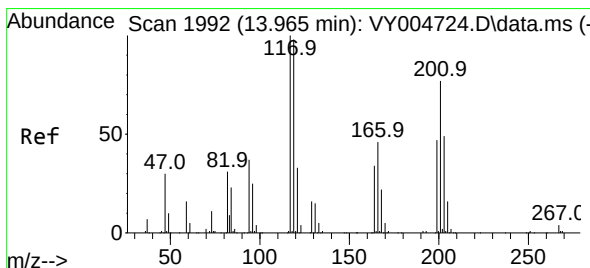
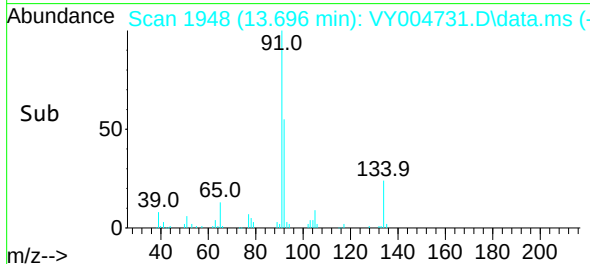
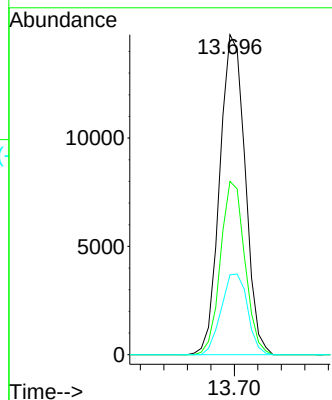
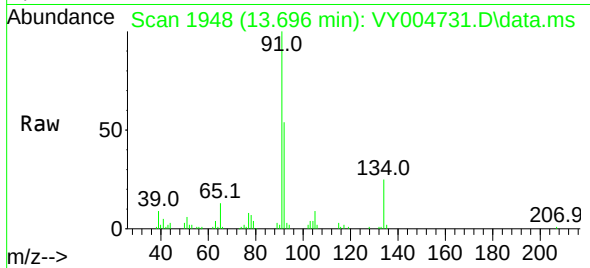
#89
n-Butylbenzene
Concen: 2.65 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY004731.D
Acq: 10 May 2021 15:53

Tgt Ion:	91	Resp:	22174
Ion	Ratio	Lower	Upper
91	100		
92	51.9	26.4	79.0
134	26.1	12.6	37.6

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

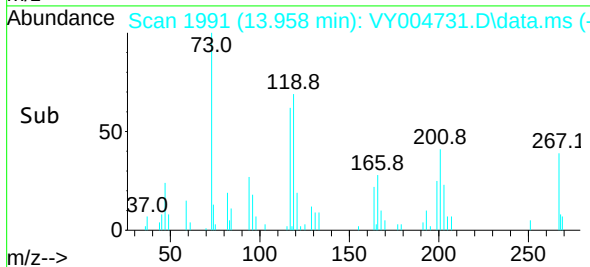
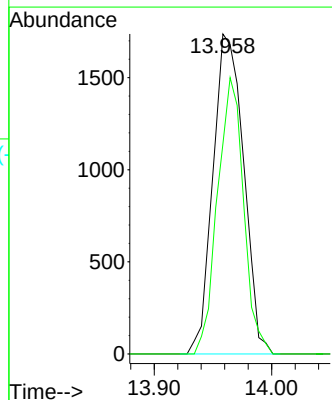
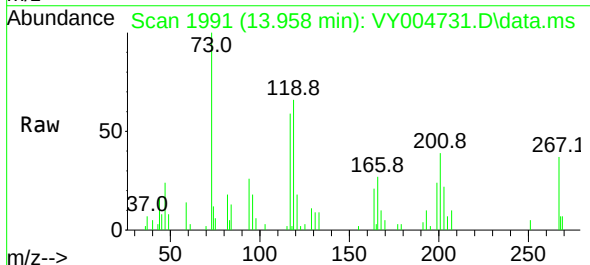
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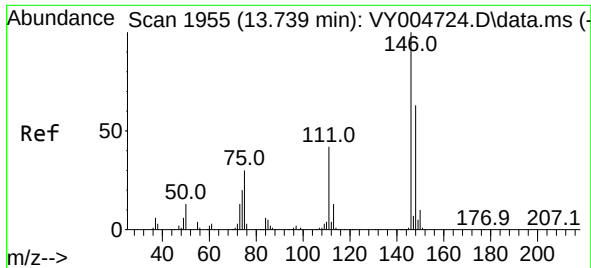
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#90
Hexachloroethane
Concen: 2.61 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. -0.006 min
Lab File: VY004731.D
Acq: 10 May 2021 15:53

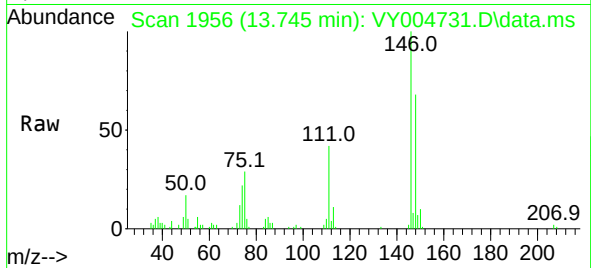
Tgt Ion:	117	Resp:	3149
Ion	Ratio	Lower	Upper
117	100		
201	73.5	35.9	107.8





#91
1,2-Dichlorobenzene
Concen: 2.89 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. 0.006 min
Lab File: VY004731.D
Acq: 10 May 2021 15:53

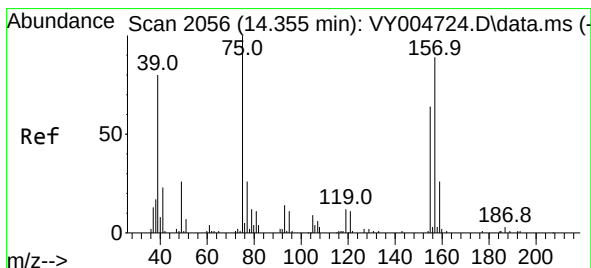
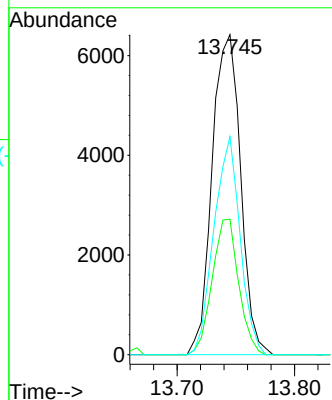
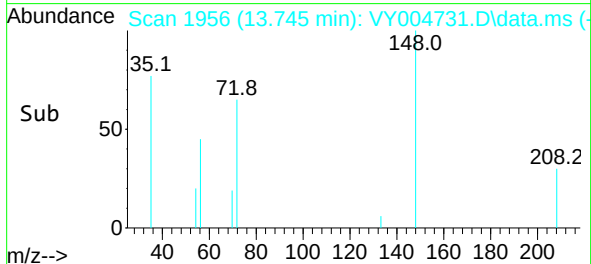
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



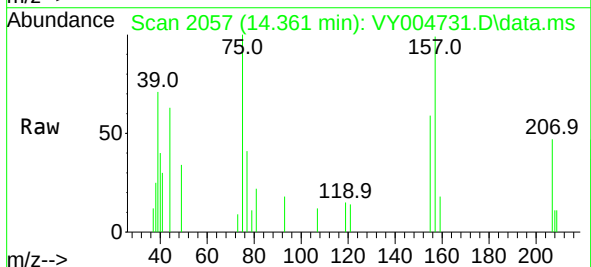
Tgt Ion:146 Resp: 10812
Ion Ratio Lower Upper
146 100
111 39.4 20.9 62.7
148 62.6 31.8 95.3

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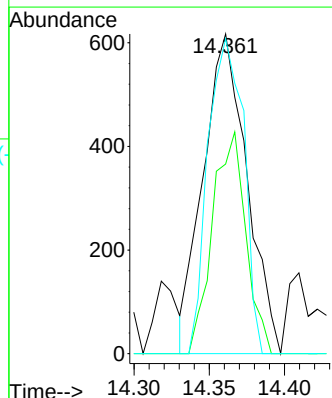
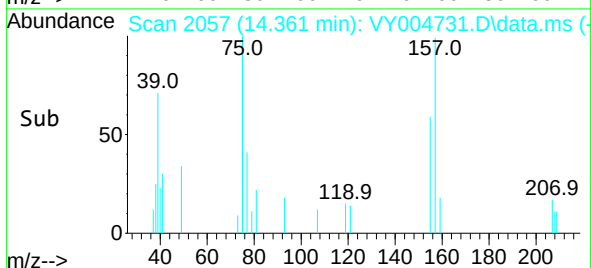
MMDadoda
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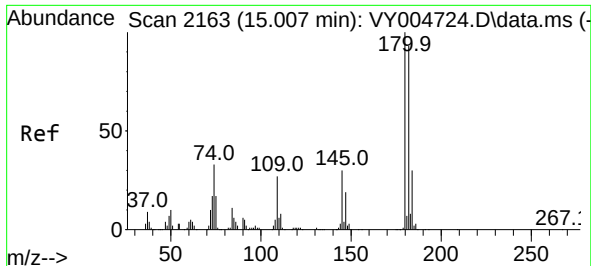


#92
1,2-Dibromo-3-Chloropropane
Concen: 3.48 ug/l m
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY004731.D
Acq: 10 May 2021 15:53



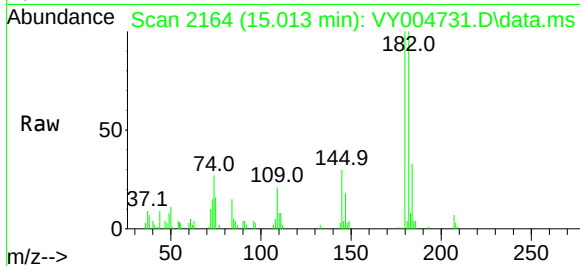
Tgt Ion: 75 Resp: 1245
Ion Ratio Lower Upper
75 100
155 53.0 39.0 117.0
157 80.6 50.2 150.7





#93
1,2,4-Trichlorobenzene
Concen: 2.99 ug/l
RT: 15.013 min Scan# 2164
Delta R.T. 0.006 min
Lab File: VY004731.D
Acq: 10 May 2021 15:53

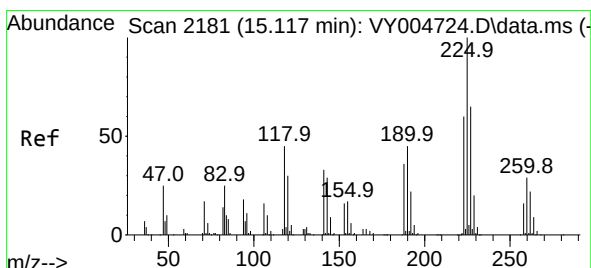
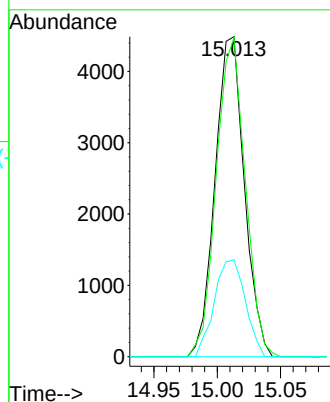
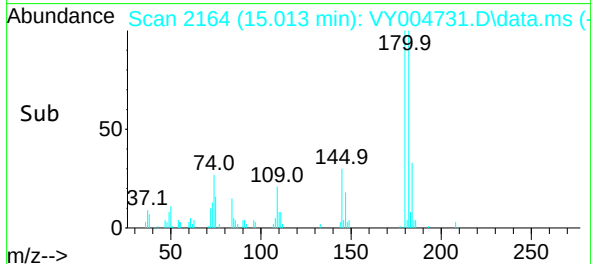
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



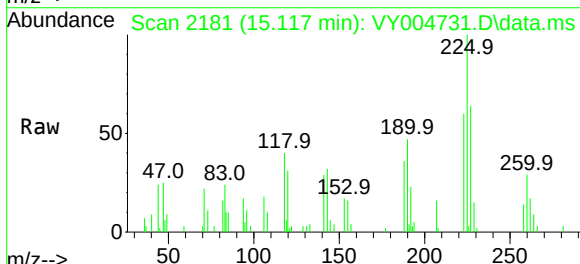
Tgt Ion:180 Resp: 7218
Ion Ratio Lower Upper
180 100
182 98.5 46.9 140.8
145 32.0 15.4 46.4

Manual Integrations
APPROVED

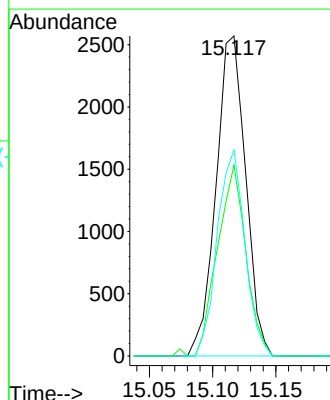
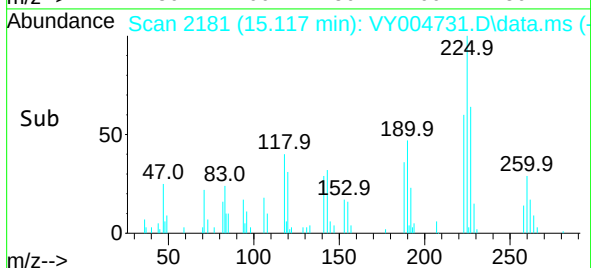
MMDadoda
5/11/2021 10:36:03 AM

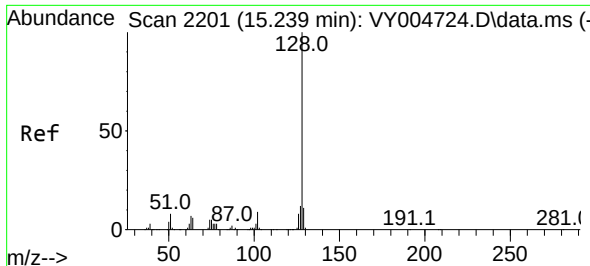


#94
Hexachlorobutadiene
Concen: 3.19 ug/l
RT: 15.117 min Scan# 2181
Delta R.T. -0.000 min
Lab File: VY004731.D
Acq: 10 May 2021 15:53



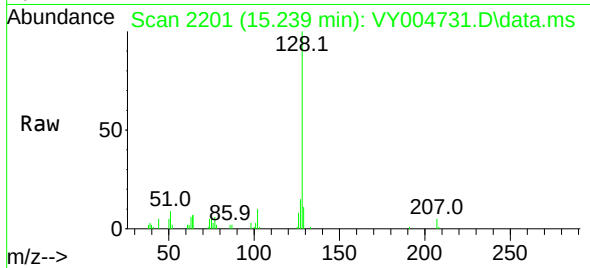
Tgt Ion:225 Resp: 4175
Ion Ratio Lower Upper
225 100
223 57.6 31.1 93.3
227 60.3 31.3 93.9





#95
Naphthalene
Concen: 2.95 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY004731.D
Acq: 10 May 2021 15:53

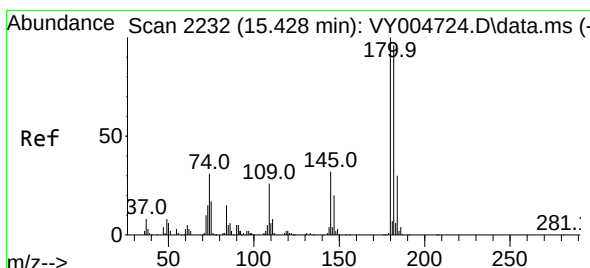
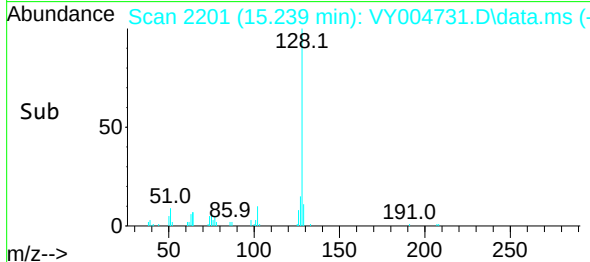
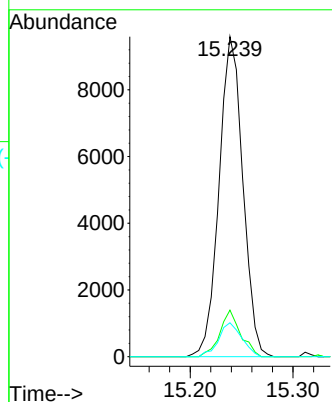
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



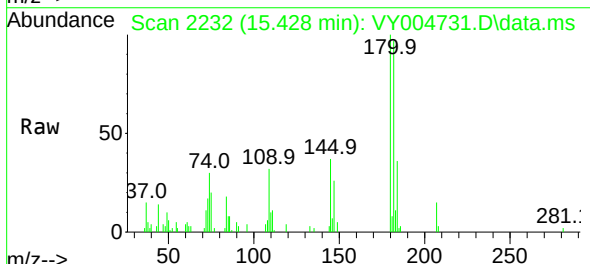
Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.2	15.2
129	10.3	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
5/11/2021 10:36:03 AM



#96
1,2,3-Trichlorobenzene
Concen: 3.04 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY004731.D
Acq: 10 May 2021 15:53



Tgt Ion	Ratio	Lower	Upper
180	100		
182	101.7	47.9	143.7
145	35.6	16.3	48.8

