

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051021\
 Data File : VY004733.D
 Acq On : 10 May 2021 16:38
 Operator : SY/MD
 Sample : M2262-02 5PPBLOQ
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LOQ-SOIL-02-QT2-2021

Manual Integrations
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 5/11/2021 10:36:06 AM

Quant Time: May 11 04:34:49 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	181362	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	298739	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	269065	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	126644	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	115245	53.38	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.76%			
35) Dibromofluoromethane	7.728	113	93292	57.04	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 114.08%			
50) Toluene-d8	10.185	98	381064	51.58	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.16%			
62) 4-Bromofluorobenzene	12.483	95	124539	49.95	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 99.90%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	8597	5.18	ug/l	99
3) Chloromethane	2.119	50	13020	4.84	ug/l	99
4) Vinyl Chloride	2.253	62	15217	5.53	ug/l	100
5) Bromomethane	2.656	94	8397	5.98	ug/l	94
6) Chloroethane	2.796	64	8621	5.30	ug/l	99
7) Trichlorofluoromethane	3.131	101	17407	5.32	ug/l	92
8) Diethyl Ether	3.534	74	6384	5.53	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.906	101	9787	5.28	ug/l	98
10) Methyl Iodide	4.107	142	10708	5.40	ug/l	97
11) Tert butyl alcohol	4.966	59	6339	29.22	ug/l #	80
12) 1,1-Dichloroethene	3.881	96	9489	5.29	ug/l	97
13) Acrolein	3.735	56	6959	27.28	ug/l	95
14) Allyl chloride	4.485	41	17021	4.86	ug/l	96
15) Acrylonitrile	5.186	53	14476	25.00	ug/l	99
16) Acetone	3.960	43	14197	29.28	ug/l	95
17) Carbon Disulfide	4.204	76	29063	5.31	ug/l	99
18) Methyl Acetate	4.491	43	8130	5.26	ug/l	98
19) Methyl tert-butyl Ether	5.241	73	24588	4.99	ug/l	97
20) Methylene Chloride	4.729	84	28242	9.09	ug/l	99
21) trans-1,2-Dichloroethene	5.235	96	10683	5.25	ug/l	94
22) Diisopropyl ether	6.131	45	33125	4.92	ug/l	98
23) Vinyl Acetate	6.076	43	118484	23.41	ug/l	99
24) 1,1-Dichloroethane	6.027	63	19708	5.20	ug/l	95
25) 2-Butanone	7.003	43	20699	24.03	ug/l	98
26) 2,2-Dichloropropane	6.996	77	17168	5.18	ug/l	96
27) cis-1,2-Dichloroethene	6.996	96	12026	5.32	ug/l	95
28) Bromochloromethane	7.338	49	9990	5.39	ug/l	100
29) Tetrahydrofuran	7.350	42	12585	22.90	ug/l	98
30) Chloroform	7.515	83	19714	5.28	ug/l	98
31) Cyclohexane	7.789	56	19585	5.60	ug/l #	75
32) 1,1,1-Trichloroethane	7.710	97	17355	5.18	ug/l	99
36) 1,1-Dichloropropene	7.923	75	15577	5.09	ug/l	99
37) Ethyl Acetate	7.088	43	11049	5.27	ug/l #	81
38) Carbon Tetrachloride	7.905	117	12492	4.54	ug/l	97
39) Methylcyclohexane	9.185	83	15644	4.69	ug/l #	92
40) Benzene	8.167	78	44591	5.15	ug/l	98

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	5852	5.10	ug/l #	100
42) 1,2-Dichloroethane	8.246	62	14293	5.23	ug/l	99
43) Isopropyl Acetate	8.283	43	18549	4.76	ug/l	97
44) Trichloroethene	8.941	130	12326	5.30	ug/l	96
45) 1,2-Dichloropropane	9.222	63	11697	5.17	ug/l	93
46) Dibromomethane	9.307	93	6111	4.85	ug/l	98
47) Bromodichloromethane	9.502	83	15023	5.03	ug/l	98
48) Methyl methacrylate	9.295	41	8148	4.60	ug/l	98
49) 1,4-Dioxane	9.307	88	1332	89.83	ug/l	93
51) 4-Methyl-2-Pentanone	10.075	43	47746	22.78	ug/l	98
52) Toluene	10.246	92	26855	4.91	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	16288	4.92	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	18527	5.03	ug/l	96
55) 1,1,2-Trichloroethane	10.648	97	8850	5.11	ug/l	95
56) Ethyl methacrylate	10.514	69	11351	4.53	ug/l	99
57) 1,3-Dichloropropane	10.795	76	15113	4.90	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	28505	22.04	ug/l	97
59) 2-Hexanone	10.837	43	31274	22.02	ug/l	98
60) Dibromochloromethane	10.990	129	10044	4.87	ug/l	97
61) 1,2-Dibromoethane	11.093	107	8267	4.95	ug/l	99
64) Tetrachloroethene	10.721	164	12359	5.08	ug/l	92
65) Chlorobenzene	11.514	112	29519	5.33	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.593	131	10312	5.12	ug/l	96
67) Ethyl Benzene	11.593	91	51741	5.03	ug/l	98
68) m/p-Xylenes	11.703	106	38290	9.91	ug/l	98
69) o-Xylene	12.032	106	17424	4.82	ug/l	98
70) Styrene	12.044	104	28585	4.72	ug/l	98
71) Bromoform	12.209	173	5980	4.90	ug/l #	97
73) Isopropylbenzene	12.331	105	47394	4.96	ug/l	99
74) N-amyl acetate	12.148	43	15125	4.48	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	9723	5.10	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	6668m	4.96	ug/l	
77) Bromobenzene	12.611	156	10887	5.05	ug/l	98
78) n-propylbenzene	12.672	91	58766	5.04	ug/l	100
79) 2-Chlorotoluene	12.758	91	32450	5.07	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	38828	4.89	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	3757	4.84	ug/l	99
82) 4-Chlorotoluene	12.855	91	33385	5.02	ug/l	98
83) tert-Butylbenzene	13.075	119	33543	4.95	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	38400	4.84	ug/l	97
85) sec-Butylbenzene	13.258	105	48839	4.96	ug/l	100
86) p-Isopropyltoluene	13.373	119	40933	4.79	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	21311	5.04	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	22182	5.32	ug/l	93
89) n-Butylbenzene	13.696	91	40271	4.83	ug/l	99
90) Hexachloroethane	13.959	117	6128	5.10	ug/l	100
91) 1,2-Dichlorobenzene	13.745	146	19785	5.30	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	1842	5.17	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	12213	5.08	ug/l	97
94) Hexachlorobutadiene	15.111	225	6707	5.15	ug/l	95
95) Naphthalene	15.239	128	24565	4.72	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	10950	5.15	ug/l	100

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ClientSampleId :
LOQ-SOIL-02-QT2-2021

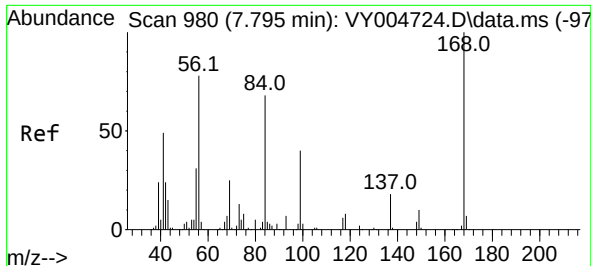
Manual Integrations
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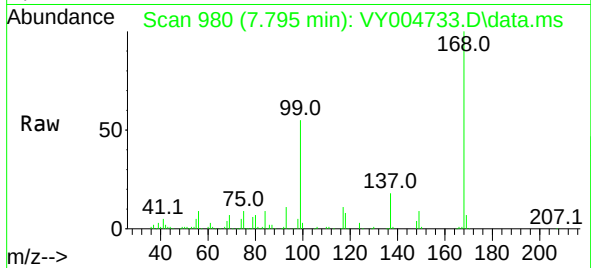
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
Quant Title : SW846 8260
QLast Update : Tue May 11 04:33:19 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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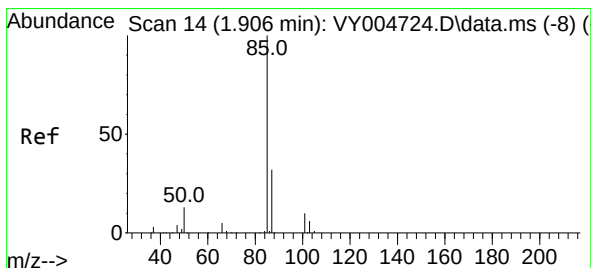
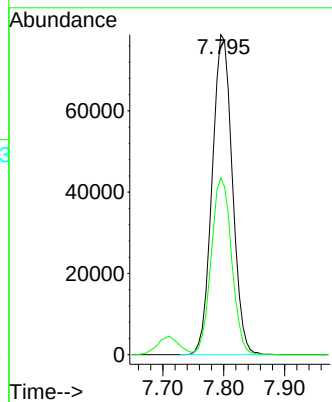
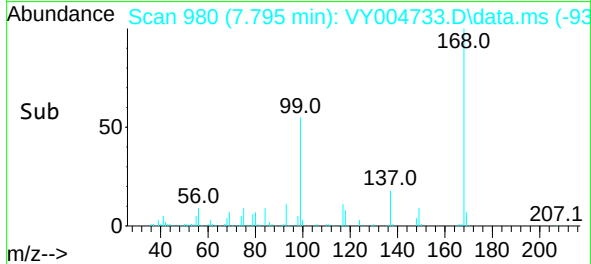
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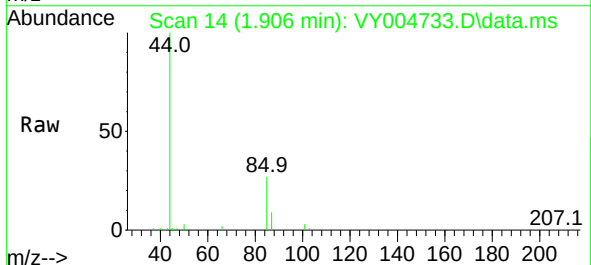
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004733.D
Acq: 10 May 2021 16:38



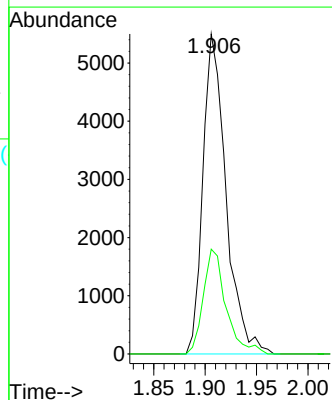
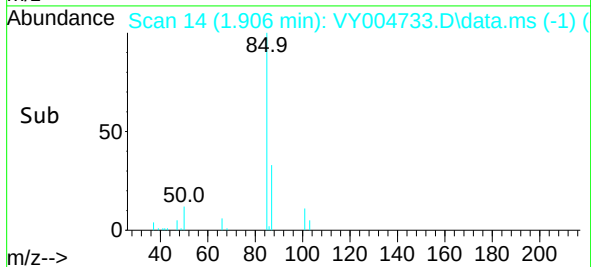
Tgt Ion: 168 Resp: 181362
Ion Ratio Lower Upper
168 100
99 55.2 45.6 68.4



#2
Dichlorodifluoromethane
Concen: 5.18 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY004733.D
Acq: 10 May 2021 16:38



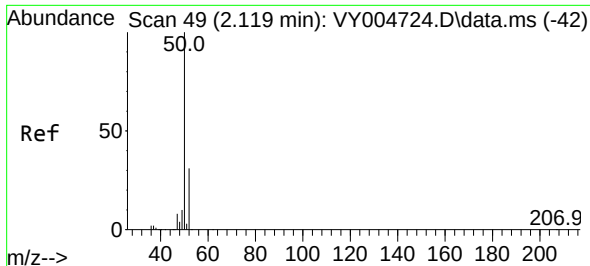
Tgt Ion: 85 Resp: 8597
Ion Ratio Lower Upper
85 100
87 32.7 16.2 48.5



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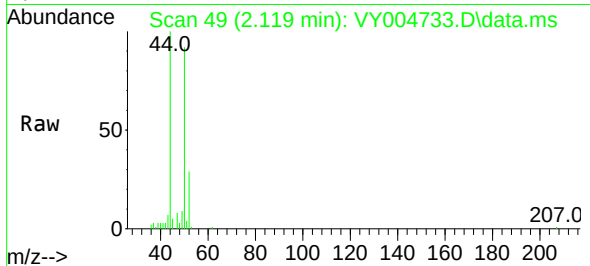
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#3
Chloromethane
Concen: 4.84 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY004733.D
Acq: 10 May 2021 16:38

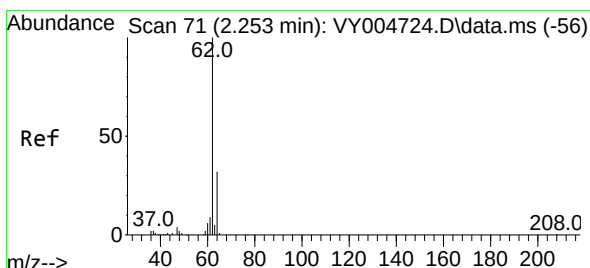
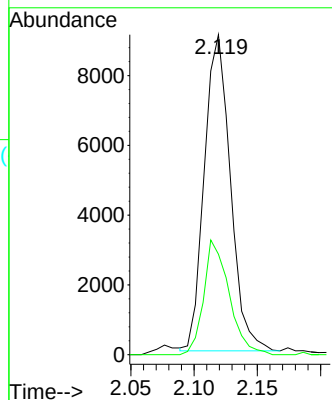
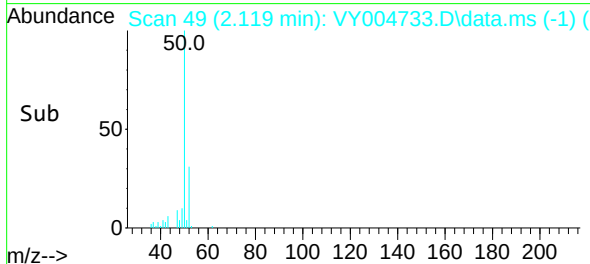
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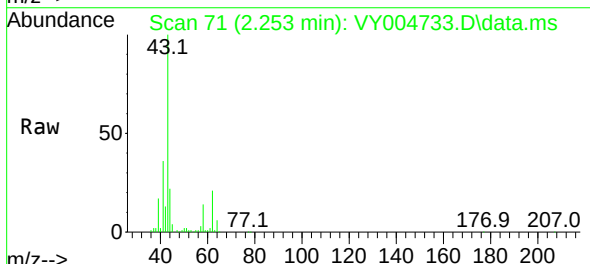
Tgt Ion: 50 Resp: 13020
Ion Ratio Lower Upper
50 100
52 31.8 25.0 37.6

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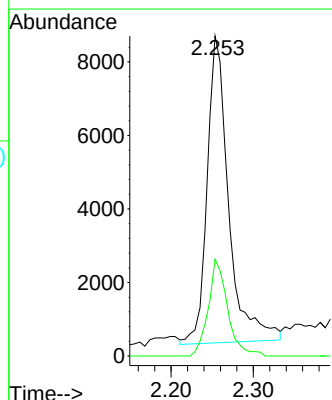
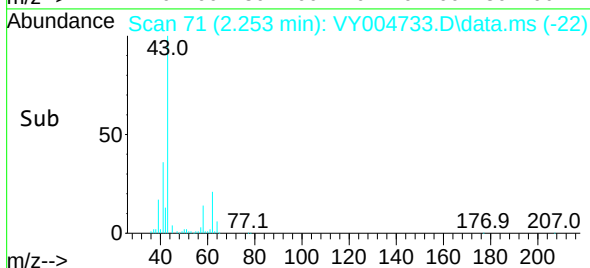
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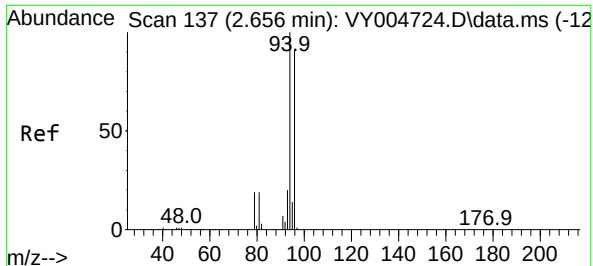


#4
Vinyl Chloride
Concen: 5.53 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY004733.D
Acq: 10 May 2021 16:38

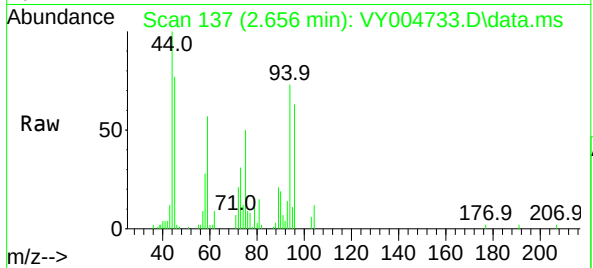


Tgt Ion: 62 Resp: 15217
Ion Ratio Lower Upper
62 100
64 31.9 25.4 38.2

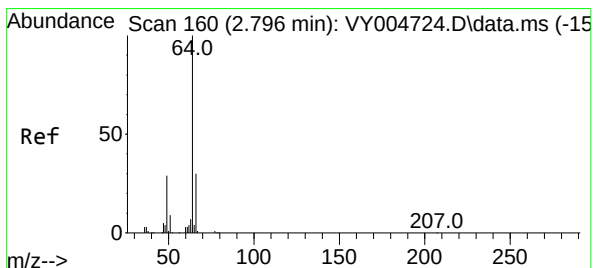
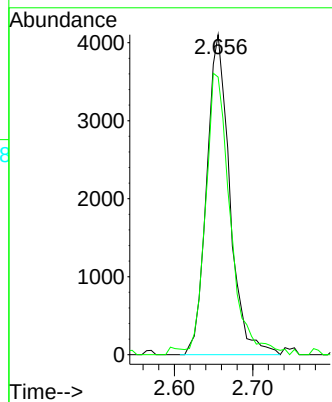
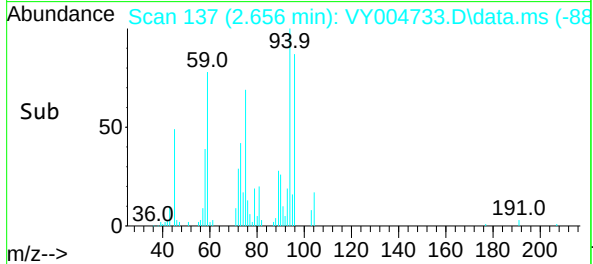




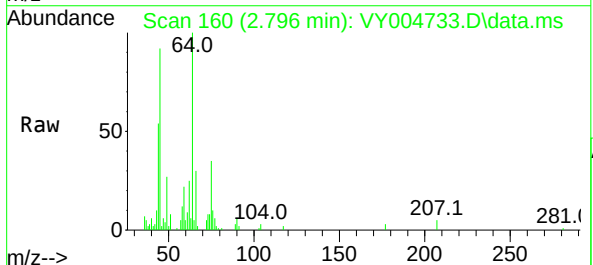
#5
Bromomethane
Concen: 5.98 ug/l
RT: 2.656 min Scan# 137
Delta R.T. 0.000 min
Lab File: VY004733.D
Acq: 10 May 2021 16:38



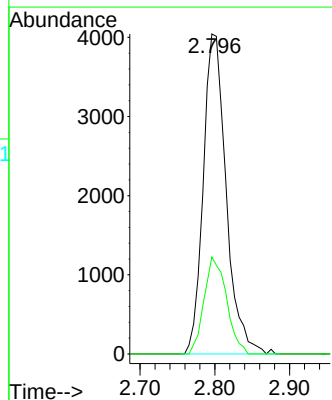
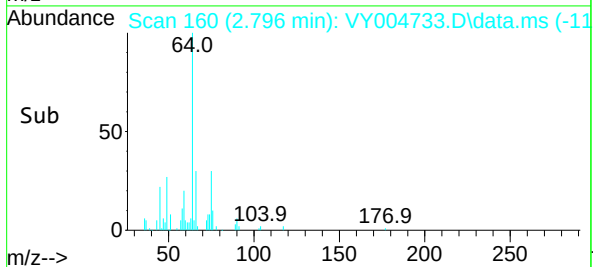
Tgt Ion: 94 Resp: 8397
Ion Ratio Lower Upper
94 100
96 85.4 72.6 109.0



#6
Chloroethane
Concen: 5.30 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.000 min
Lab File: VY004733.D
Acq: 10 May 2021 16:38



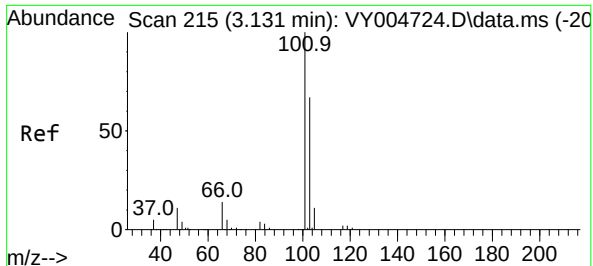
Tgt Ion: 64 Resp: 8621
Ion Ratio Lower Upper
64 100
66 30.3 23.7 35.5



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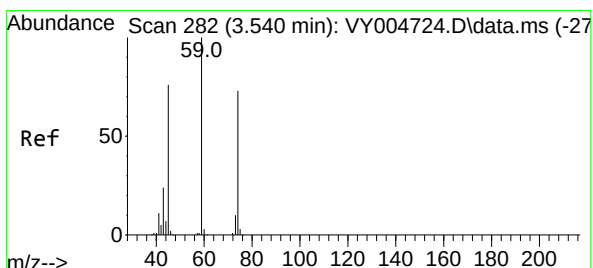
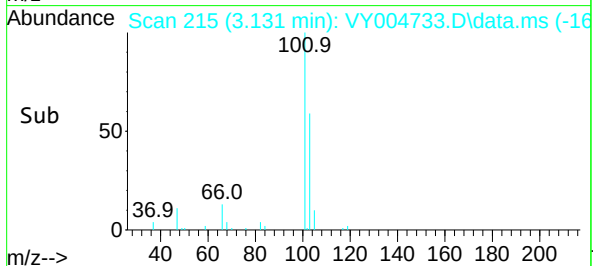
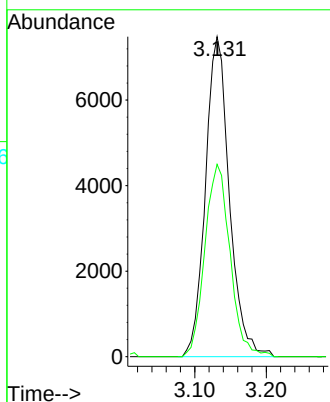
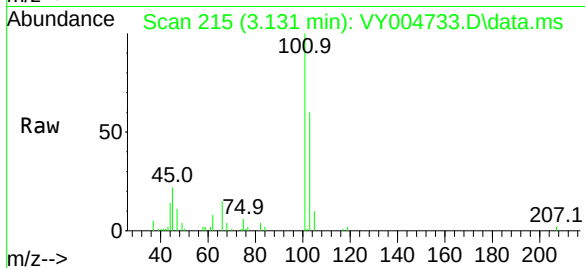
#7
 Trichlorofluoromethane
 Concen: 5.32 ug/l
 RT: 3.131 min Scan# 215
 Delta R.T. 0.000 min
 Lab File: VY004733.D
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Tgt Ion: 101 Resp: 17407
 Ion Ratio Lower Upper
 101 100
 103 60.1 53.4 80.2

Instrument :
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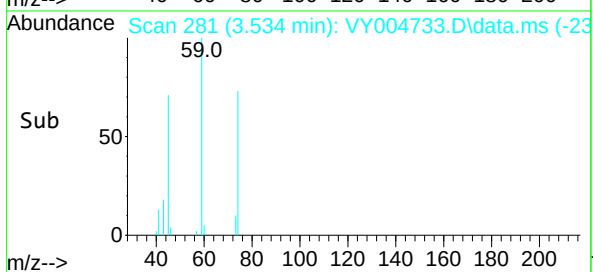
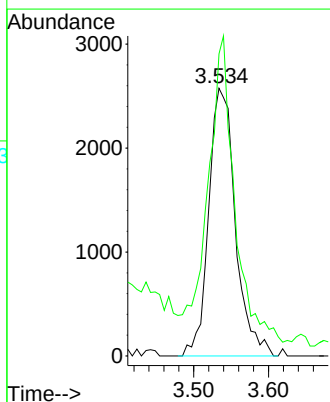
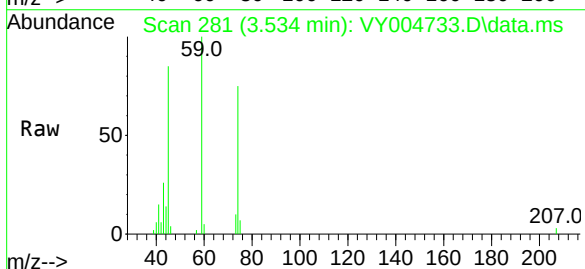
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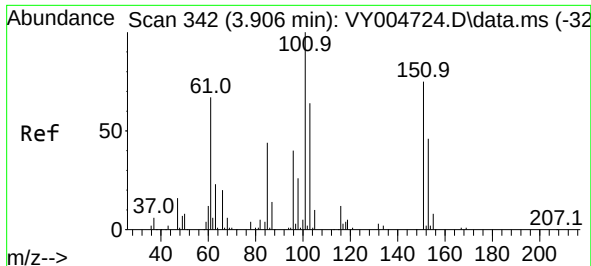
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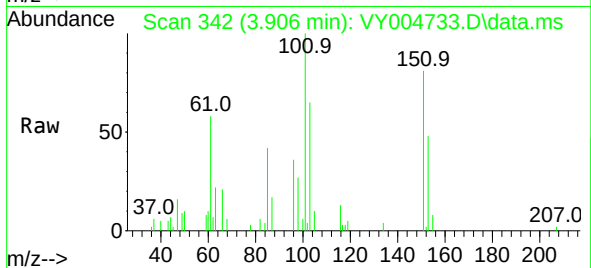
#8
 Diethyl Ether
 Concen: 5.53 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. -0.006 min
 Lab File: VY004733.D
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Tgt Ion: 74 Resp: 6384
 Ion Ratio Lower Upper
 74 100
 45 112.6 53.9 161.8

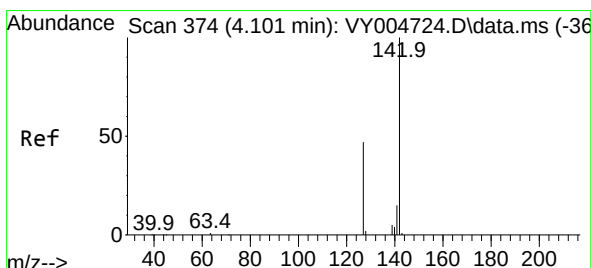
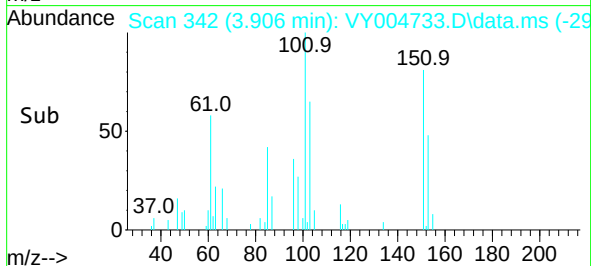
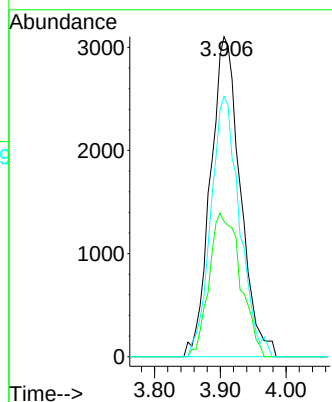




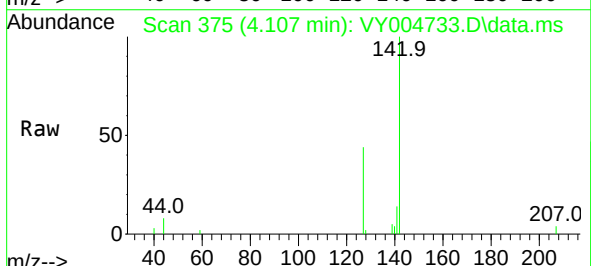
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.28 ug/l
RT: 3.906 min Scan# 342
Delta R.T. 0.000 min
Lab File: VY004733.D
Acq: 10 May 2021 16:38



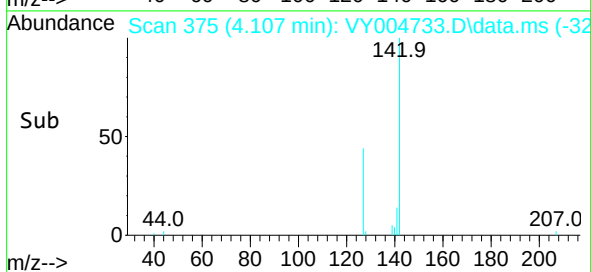
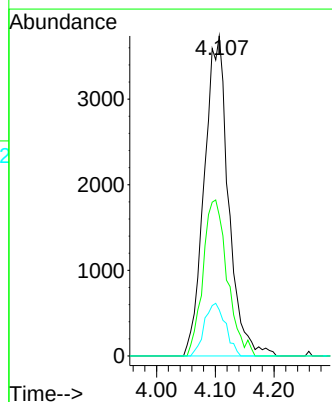
Tgt Ion	Ratio	Lower	Upper
101	100		
85	47.1	38.2	57.4
151	78.6	61.4	92.0



#10
Methyl Iodide
Concen: 5.40 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY004733.D
Acq: 10 May 2021 16:38



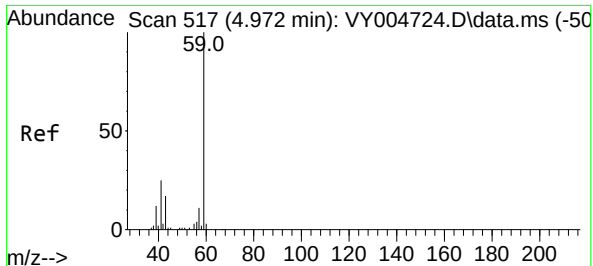
Tgt Ion	Ratio	Lower	Upper
142	100		
127	49.1	37.1	55.7
141	14.4	11.9	17.9



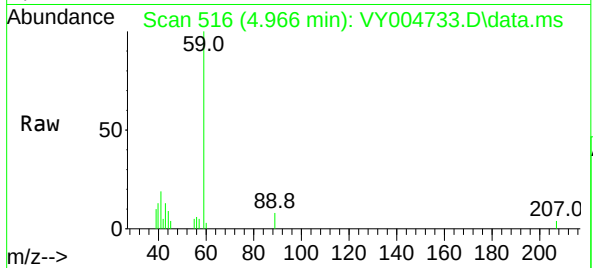
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2021

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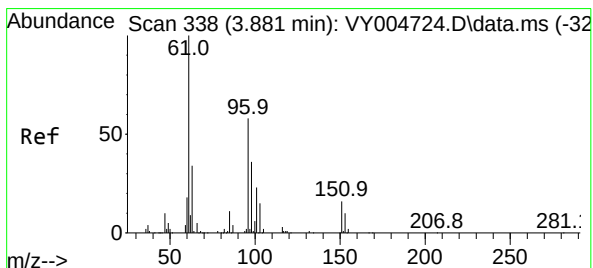
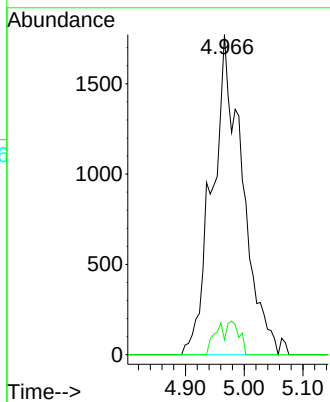
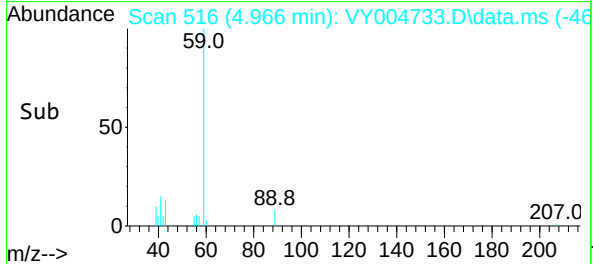
MMDadoda
5/11/2021 10:36:06 AM



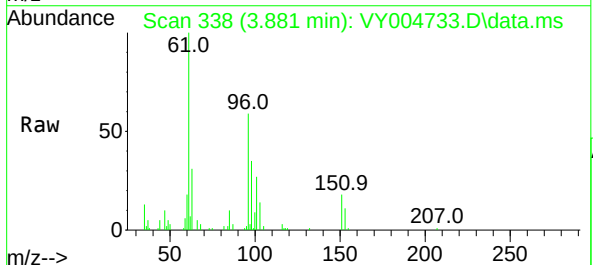
#11
Tert butyl alcohol
Concen: 29.22 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.006 min
Lab File: VY004733.D
Acq: 10 May 2021 16:38



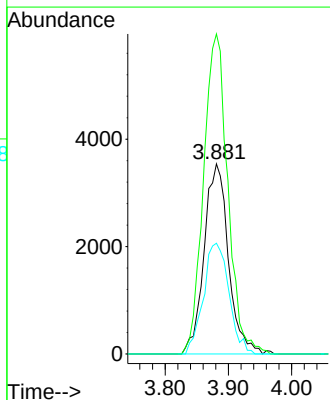
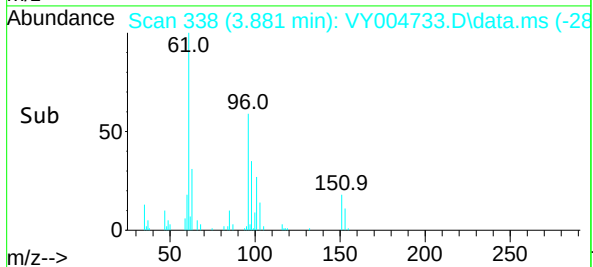
Tgt Ion: 59 Resp: 6339
Ion Ratio Lower Upper
59 100
57 3.4 8.7 13.1#



#12
1,1-Dichloroethene
Concen: 5.29 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.000 min
Lab File: VY004733.D
Acq: 10 May 2021 16:38



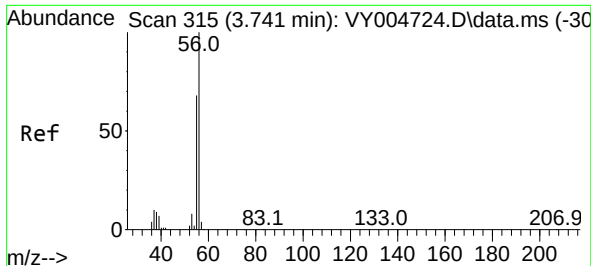
Tgt Ion: 96 Resp: 9489
Ion Ratio Lower Upper
96 100
61 168.4 137.5 206.3
98 58.3 50.2 75.2



Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2021

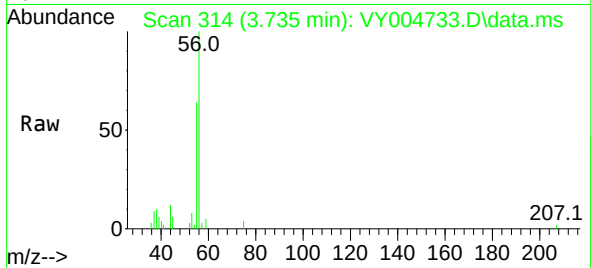
Manual Integrations
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#13
Acrolein
Concen: 27.28 ug/l
RT: 3.735 min Scan# 314
Delta R.T. -0.006 min
Lab File: VY004733.D
Acq: 10 May 2021 16:38

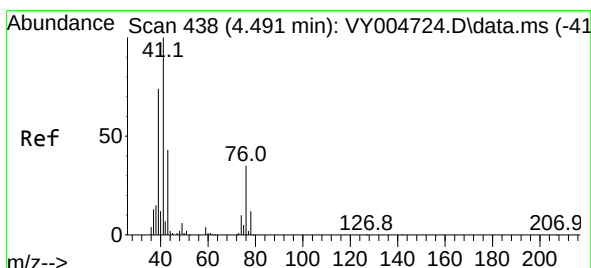
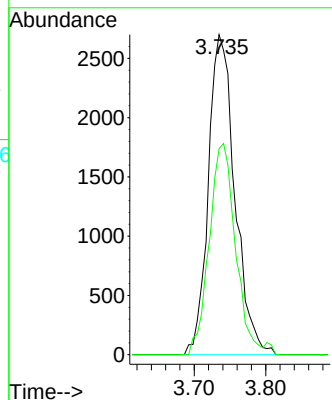
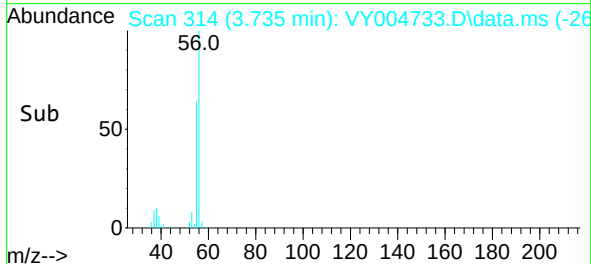
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2021



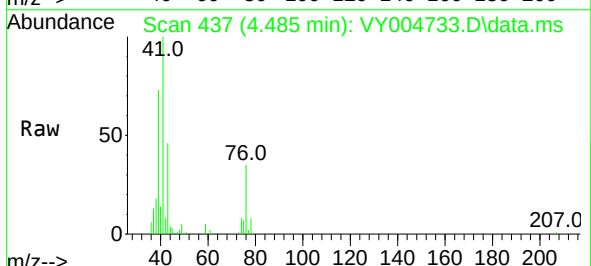
Tgt Ion: 56 Resp: 6959
Ion Ratio Lower Upper
56 100
55 65.0 55.3 82.9

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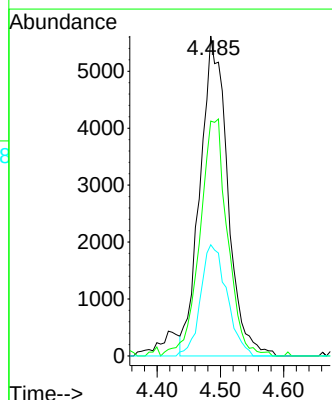
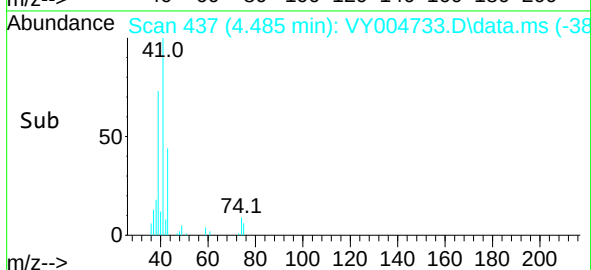
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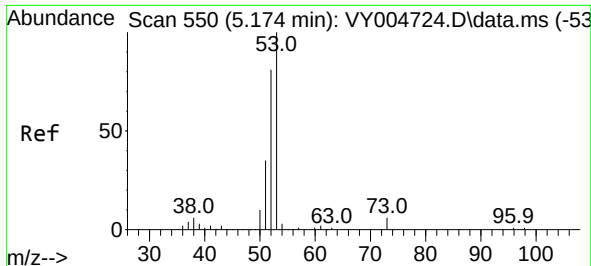


#14
Allyl chloride
Concen: 4.86 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY004733.D
Acq: 10 May 2021 16:38

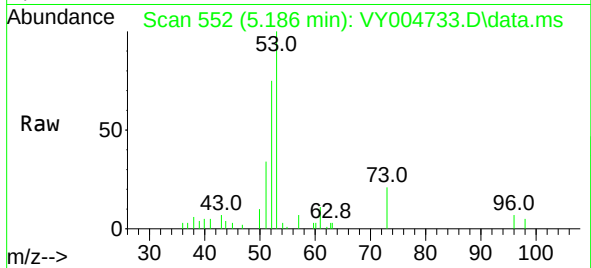


Tgt Ion: 41 Resp: 17021
Ion Ratio Lower Upper
41 100
39 74.3 56.1 84.1
76 33.1 26.2 39.4

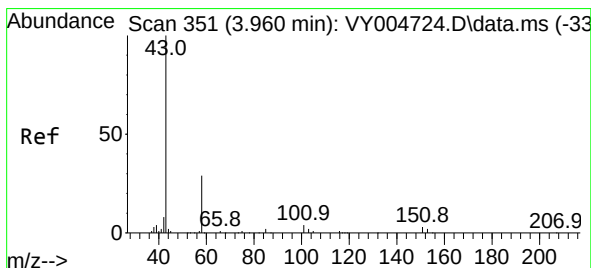
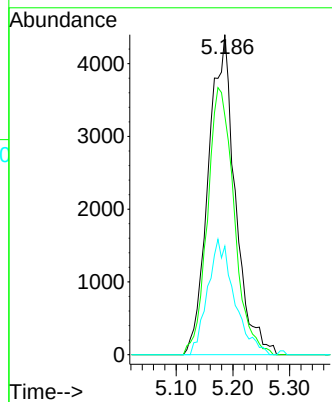
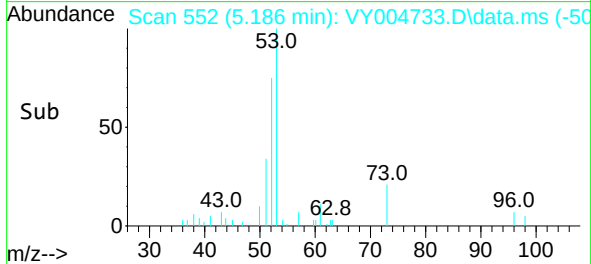




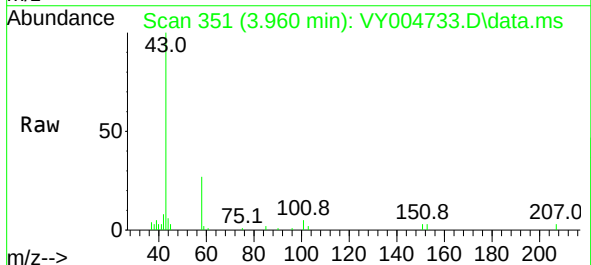
#15
Acrylonitrile
Concen: 25.00 ug/l
RT: 5.186 min Scan# 552
Delta R.T. 0.012 min
Lab File: VY004733.D
Acq: 10 May 2021 16:38



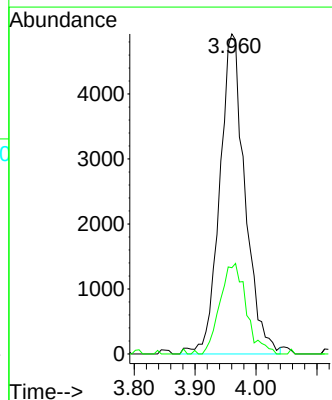
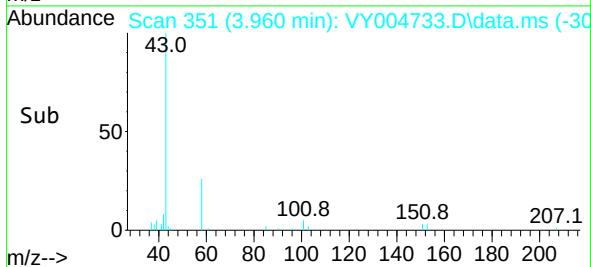
Tgt Ion: 53 Resp: 14476
Ion Ratio Lower Upper
53 100
52 82.5 65.0 97.6
51 35.8 29.3 43.9



#16
Acetone
Concen: 29.28 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004733.D
Acq: 10 May 2021 16:38



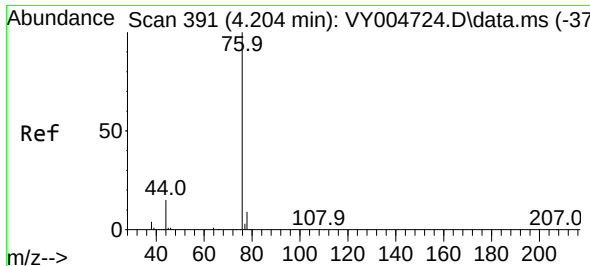
Tgt Ion: 43 Resp: 14197
Ion Ratio Lower Upper
43 100
58 26.9 23.6 35.4



Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2021

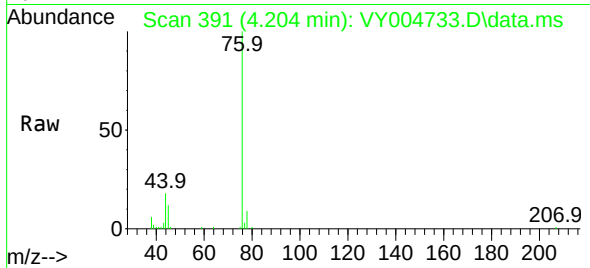
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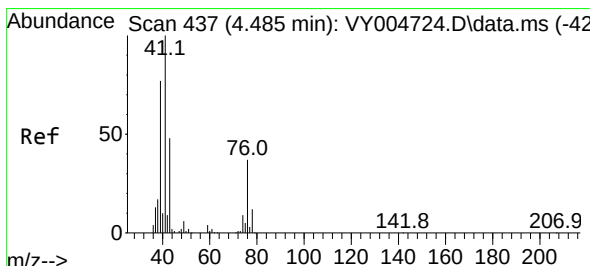
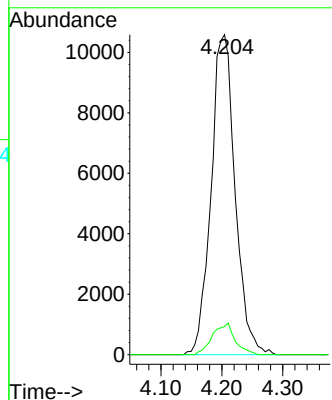
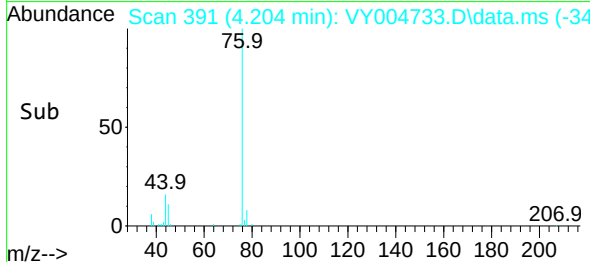


#17
Carbon Disulfide
Concen: 5.31 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY004733.D
Acq: 10 May 2021 16:38

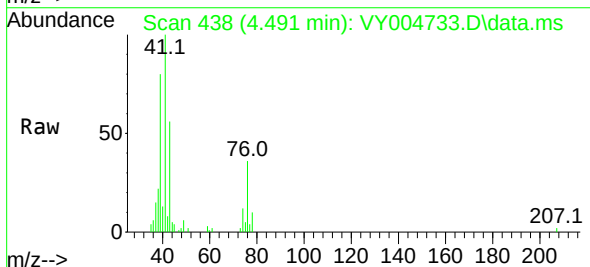
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2021



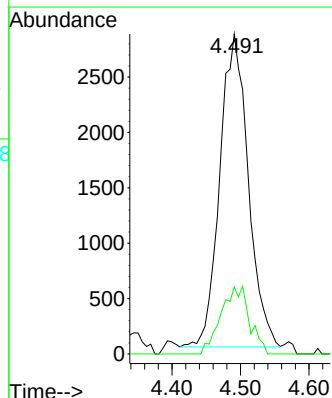
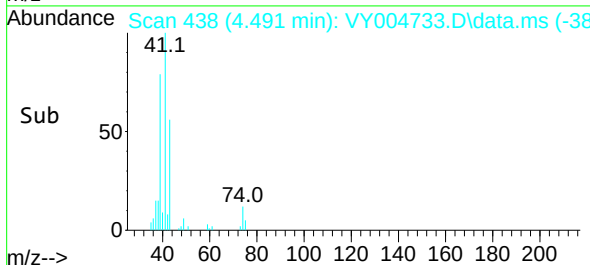
Tgt Ion: 76 Resp: 29063
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8

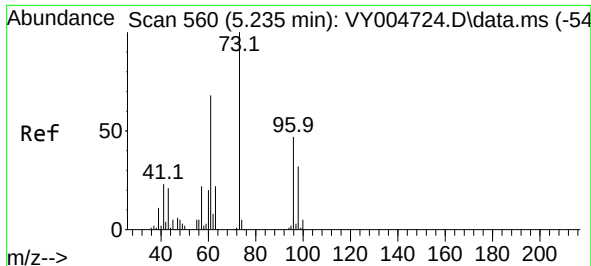


#18
Methyl Acetate
Concen: 5.26 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY004733.D
Acq: 10 May 2021 16:38

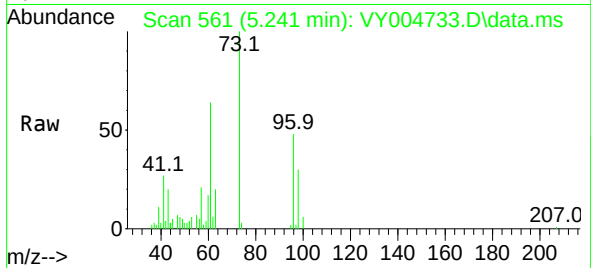


Tgt Ion: 43 Resp: 8130
Ion Ratio Lower Upper
43 100
74 21.6 16.6 24.8

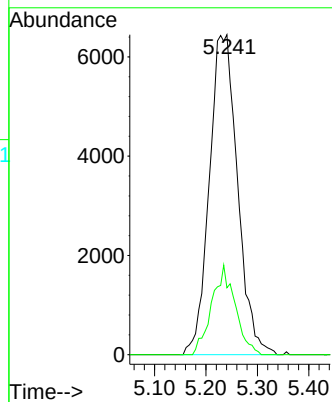
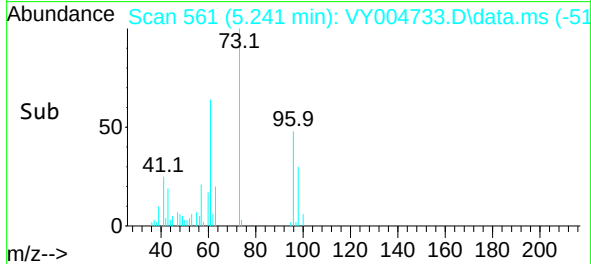




#19
Methyl tert-butyl Ether
Concen: 4.99 ug/l
RT: 5.241 min Scan# 561
Delta R.T. 0.006 min
Lab File: VY004733.D
Acq: 10 May 2021 16:38



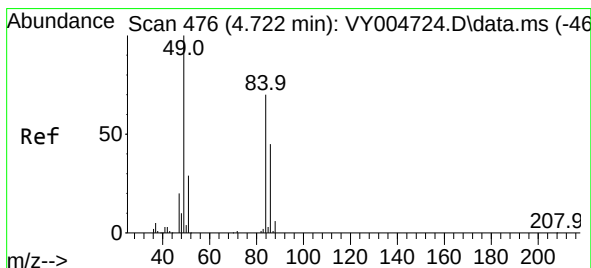
Tgt Ion: 73 Resp: 24588
Ion Ratio Lower Upper
73 100
57 20.9 17.9 26.9



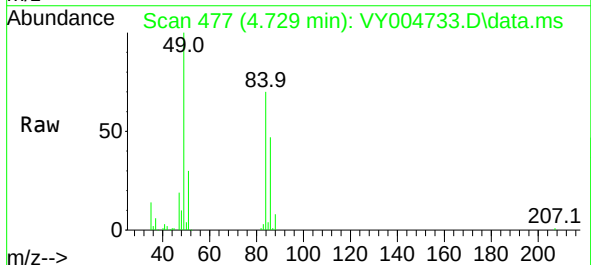
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2021

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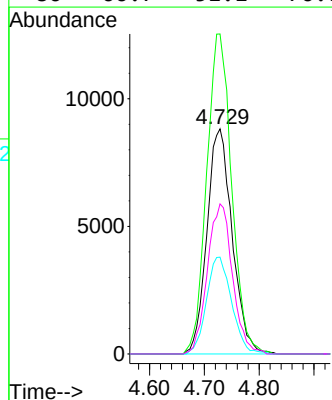
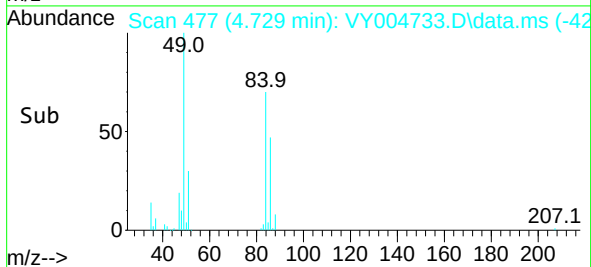
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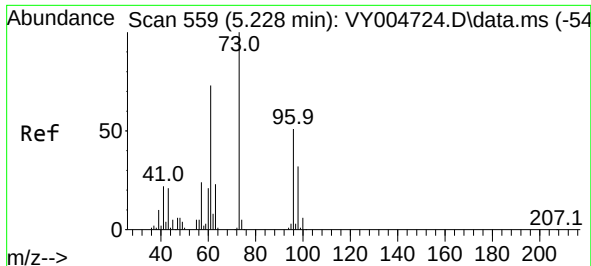


#20
Methylene Chloride
Concen: 9.09 ug/l
RT: 4.729 min Scan# 477
Delta R.T. 0.007 min
Lab File: VY004733.D
Acq: 10 May 2021 16:38



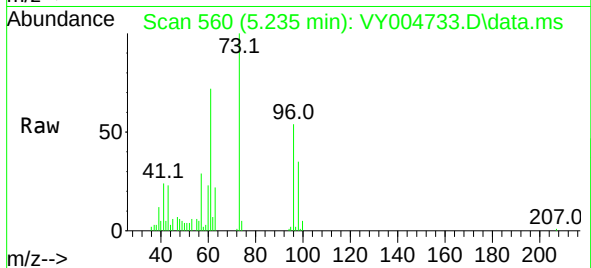
Tgt Ion: 84 Resp: 28242
Ion Ratio Lower Upper
84 100
49 142.1 113.8 170.8
51 43.0 33.5 50.3
86 66.7 51.1 76.7





#21
trans-1,2-Dichloroethene
Concen: 5.25 ug/l
RT: 5.235 min Scan# 560
Delta R.T. 0.006 min
Lab File: VY004733.D
Acq: 10 May 2021 16:38

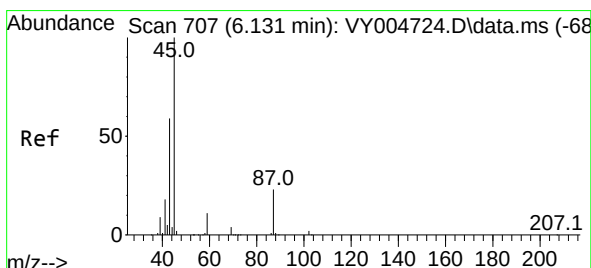
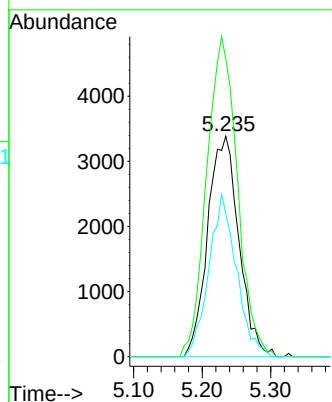
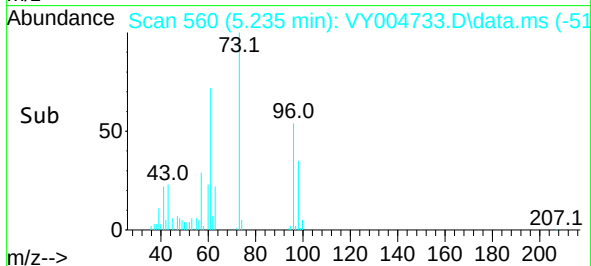
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2021



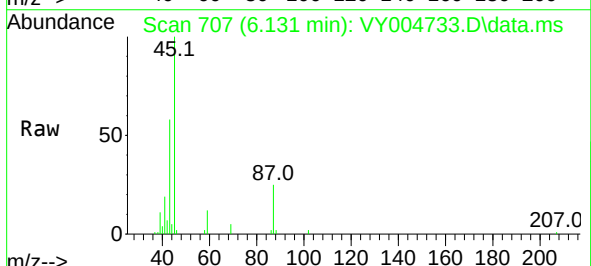
Tgt Ion: 96 Resp: 10683
Ion Ratio Lower Upper
96 100
61 135.0 115.5 173.3
98 64.7 50.6 75.8

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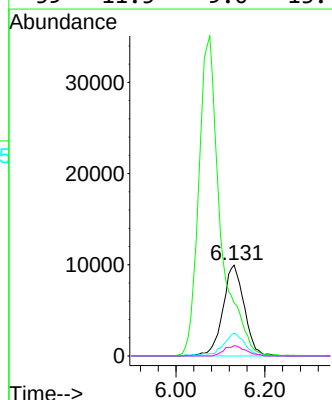
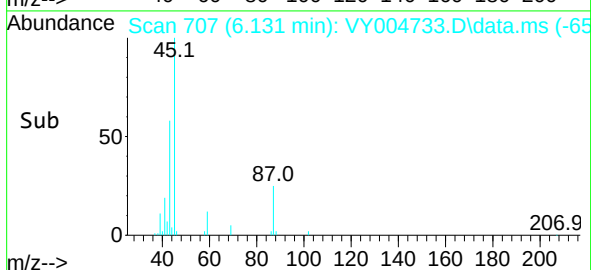
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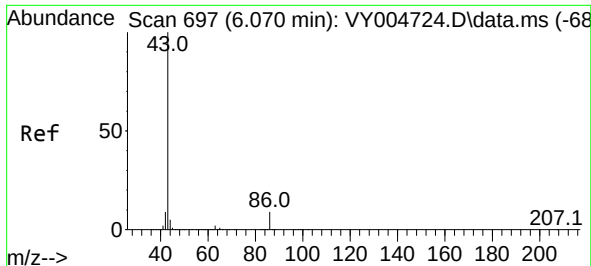


#22
Diisopropyl ether
Concen: 4.92 ug/l
RT: 6.131 min Scan# 707
Delta R.T. 0.000 min
Lab File: VY004733.D
Acq: 10 May 2021 16:38



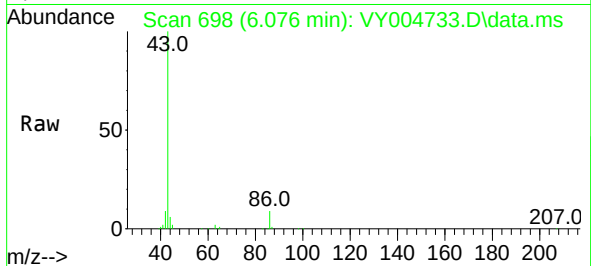
Tgt Ion: 45 Resp: 33125
Ion Ratio Lower Upper
45 100
43 57.9 47.7 71.5
87 25.1 18.9 28.3
59 11.5 9.0 13.4





#23
 Vinyl Acetate
 Concen: 23.41 ug/l
 RT: 6.076 min Scan# 698
 Delta R.T. 0.006 min
 Lab File: VY004733.D
 Acq: 10 May 2021 16:38

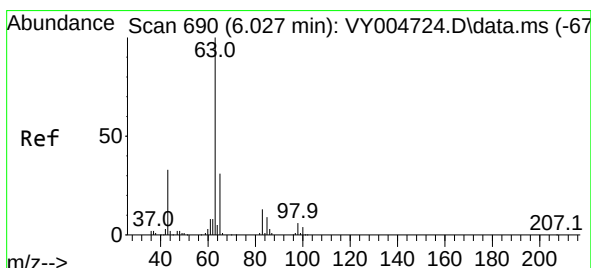
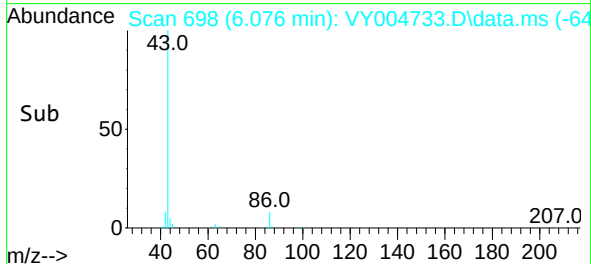
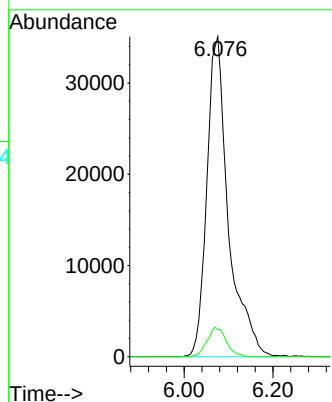
Instrument :
 MSVOA_Y
 ClientSampleId :
 LOQ-SOIL-02-QT2-2021



Tgt Ion: 43 Resp: 118484
 Ion Ratio Lower Upper
 43 100
 86 8.5 7.2 10.8

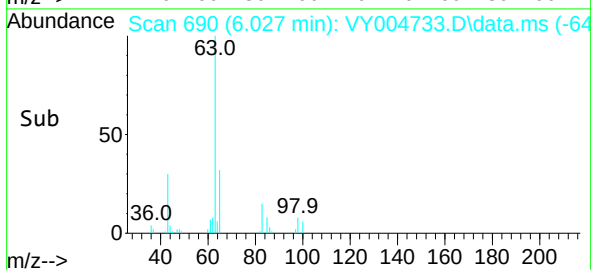
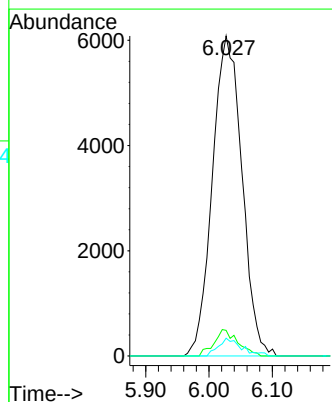
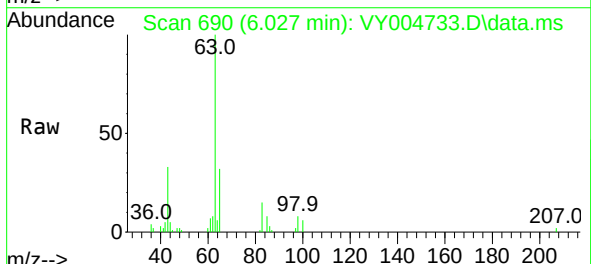
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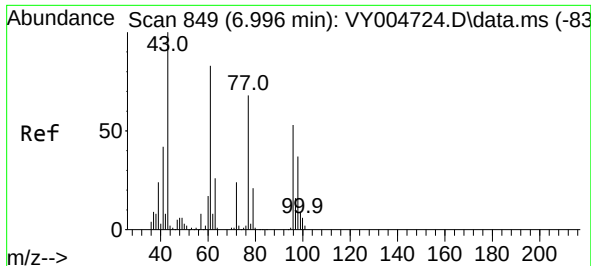
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#24
 1,1-Dichloroethane
 Concen: 5.20 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.000 min
 Lab File: VY004733.D
 Acq: 10 May 2021 16:38

Tgt Ion: 63 Resp: 19708
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.1 9.4
 100 5.5 2.0 6.0





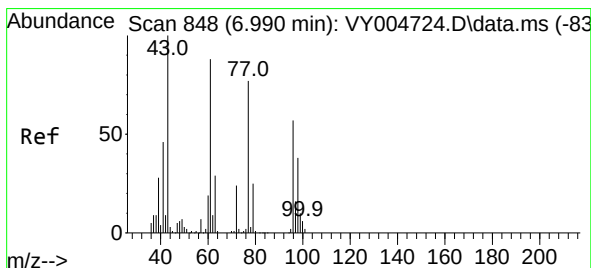
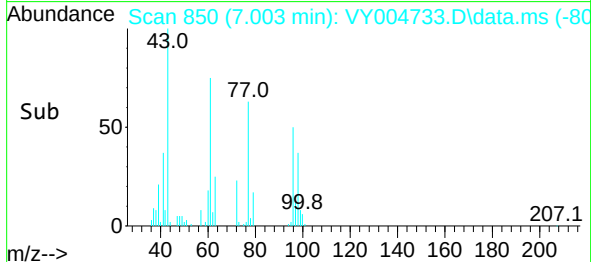
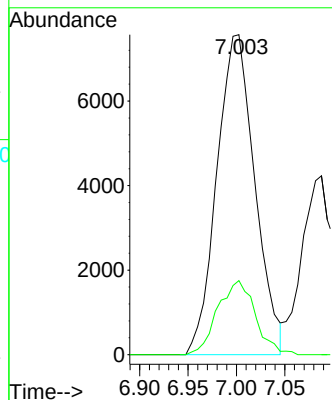
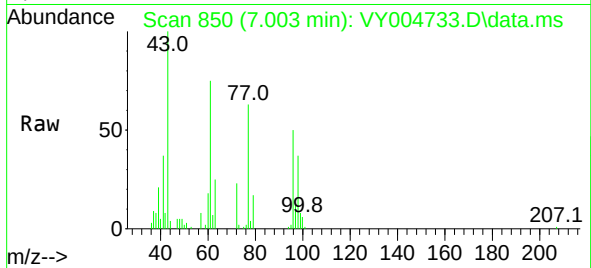
#25
2-Butanone
Concen: 24.03 ug/l
RT: 7.003 min Scan# 850
Delta R.T. 0.006 min
Lab File: VY004733.D
Acq: 10 May 2021 16:38

Tgt Ion: 43 Resp: 20699
Ion Ratio Lower Upper
43 100
72 23.2 19.4 29.0

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2021

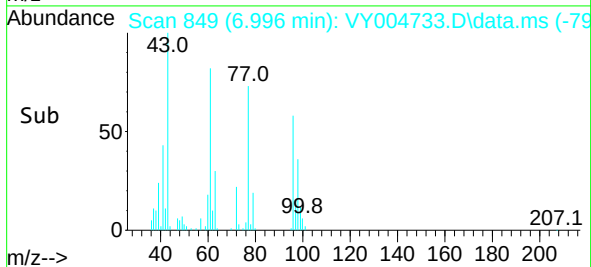
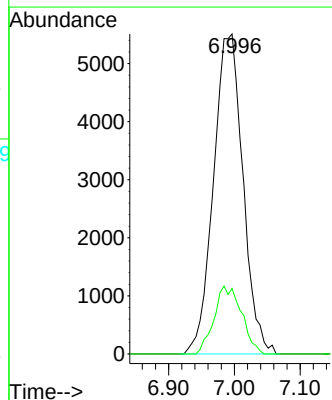
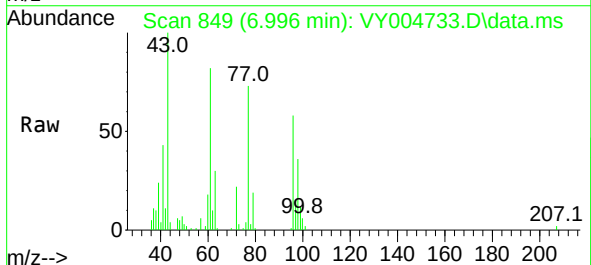
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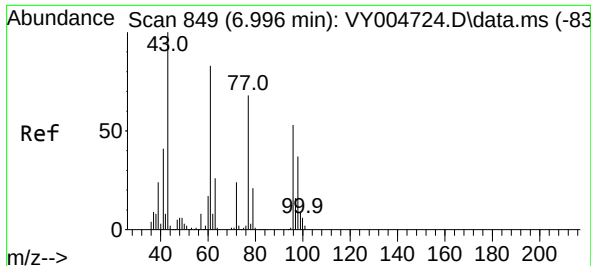
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#26
2,2-Dichloropropane
Concen: 5.18 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY004733.D
Acq: 10 May 2021 16:38

Tgt Ion: 77 Resp: 17168
Ion Ratio Lower Upper
77 100
97 19.8 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 5.32 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY004733.D

Acq: 10 May 2021 16:38

Tgt Ion:	96	Resp:	12026
Ion	Ratio	Lower	Upper
96	100		
61	148.3	0.0	308.4
98	61.6	0.0	132.0

Instrument :

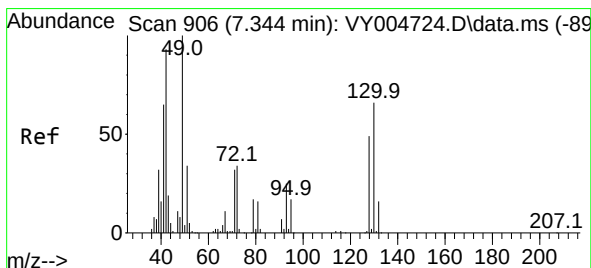
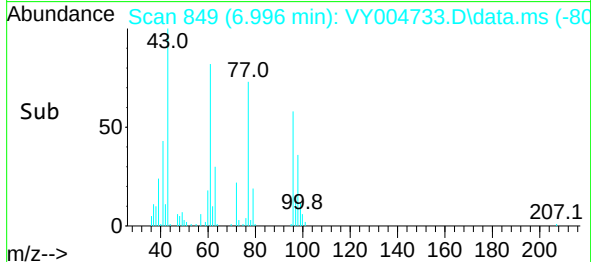
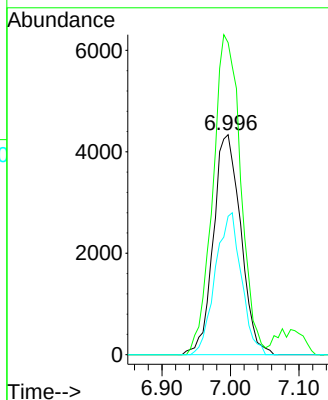
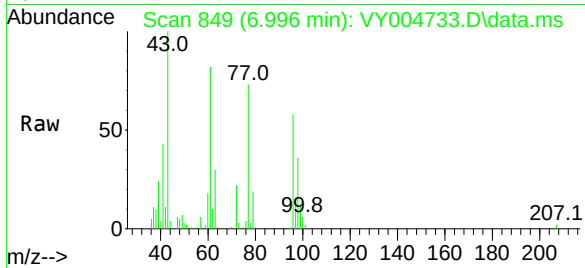
MSVOA_Y

ClientSampleId :

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#28

Bromochloromethane

Concen: 5.39 ug/l

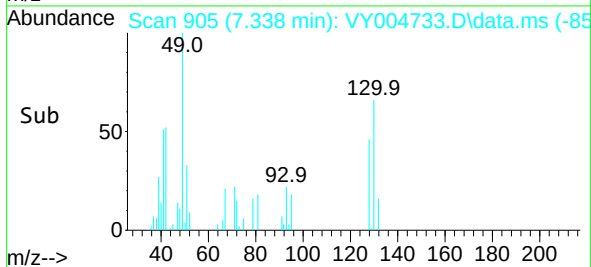
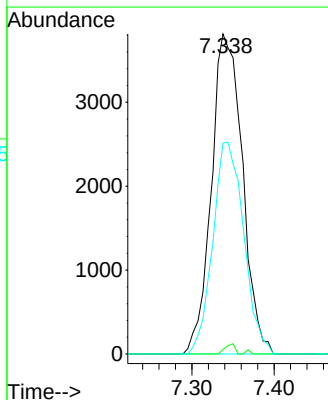
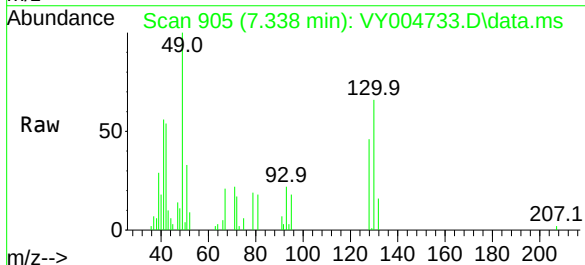
RT: 7.338 min Scan# 905

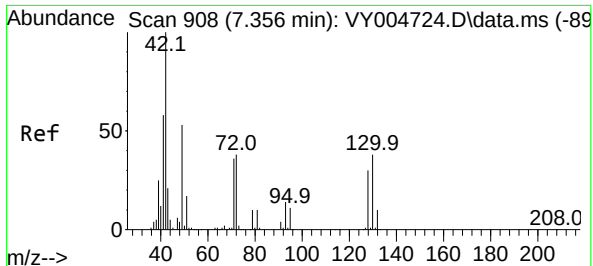
Delta R.T. -0.006 min

Lab File: VY004733.D

Acq: 10 May 2021 16:38

Tgt Ion:	49	Resp:	9990
Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	4.0
130	65.9	52.8	79.2





#29

Tetrahydrofuran

Concen: 22.90 ug/l

RT: 7.350 min Scan# 907

Delta R.T. -0.006 min

Lab File: VY004733.D

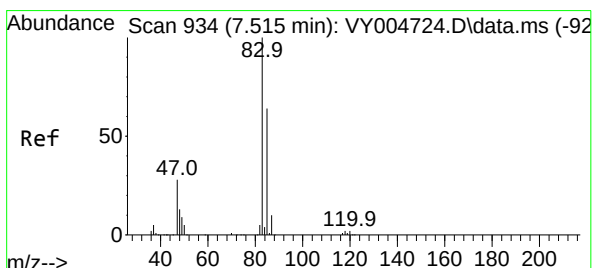
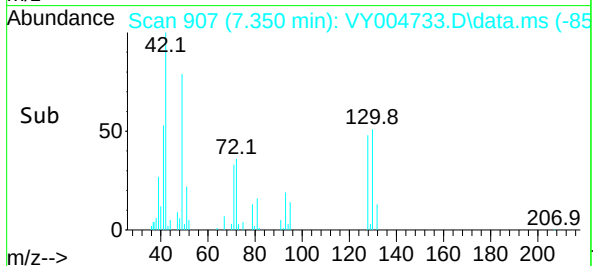
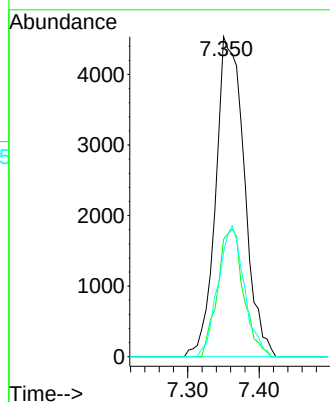
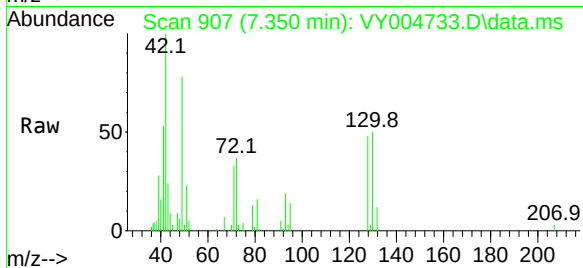
Acq: 10 May 2021 16:38

Tgt Ion:	42	Resp:	12585
Ion	Ratio	Lower	Upper
42	100		
72	36.2	29.4	44.0
71	37.4	28.0	42.0

Instrument :
MSVOA_Y
ClientSampleId :
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#30

Chloroform

Concen: 5.28 ug/l

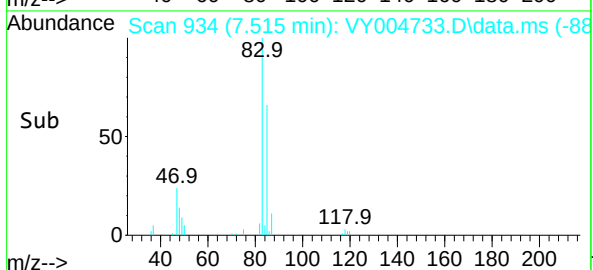
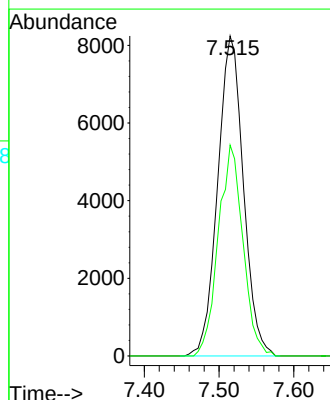
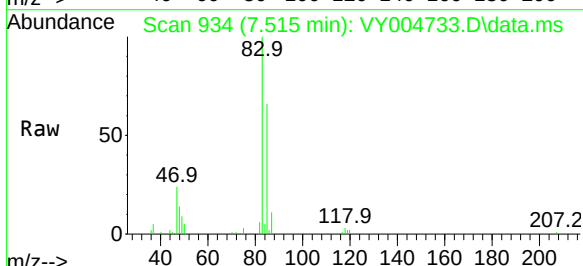
RT: 7.515 min Scan# 934

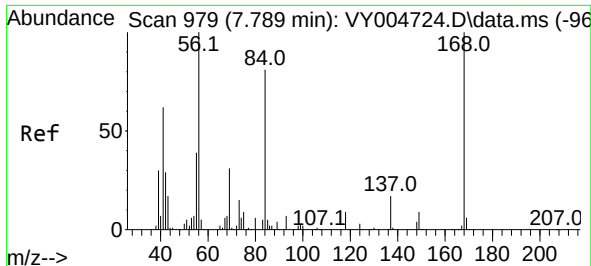
Delta R.T. 0.000 min

Lab File: VY004733.D

Acq: 10 May 2021 16:38

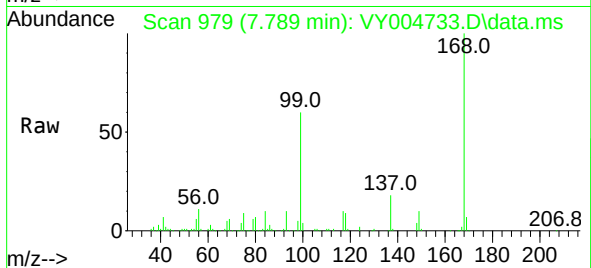
Tgt Ion:	83	Resp:	19714
Ion	Ratio	Lower	Upper
83	100		
85	65.9	51.3	76.9





#31
Cyclohexane
Concen: 5.60 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.000 min
Lab File: VY004733.D
Acq: 10 May 2021 16:38

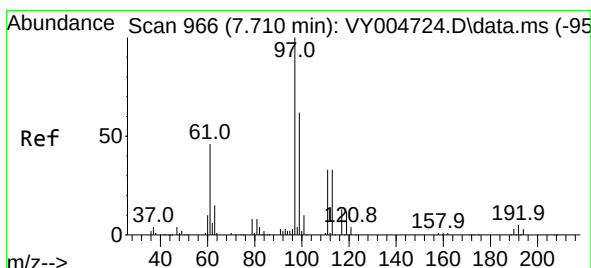
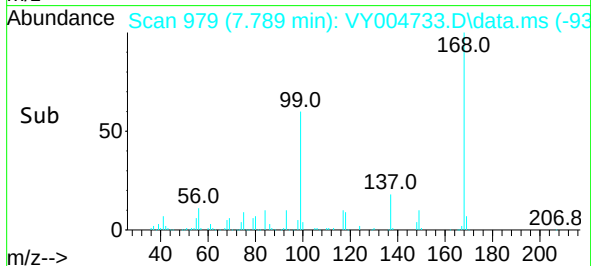
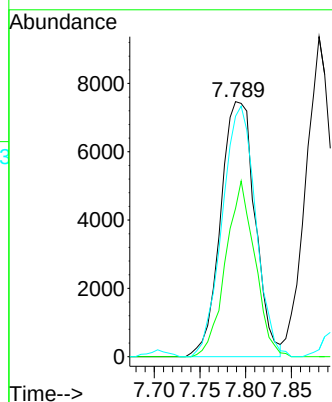
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2021



Tgt Ion	Ratio	Lower	Upper
56	100		
69	58.1	24.4	36.6#
84	94.3	64.8	97.2

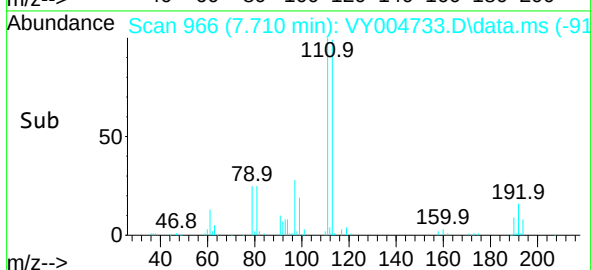
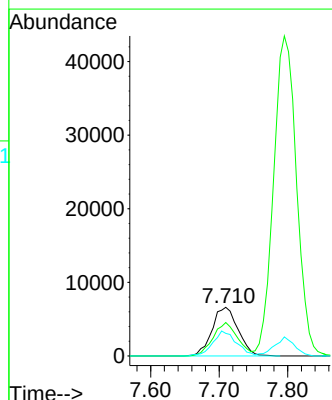
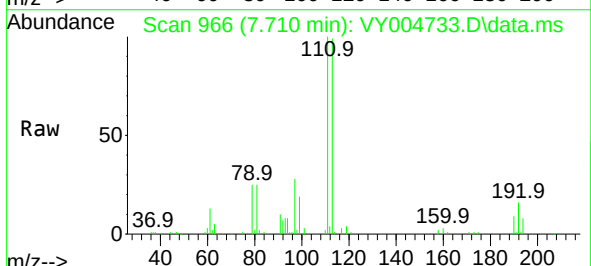
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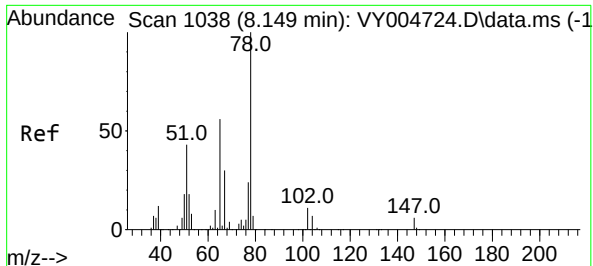
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5/11/2021 10:36:06 AM



#32
1,1,1-Trichloroethane
Concen: 5.18 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY004733.D
Acq: 10 May 2021 16:38

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.8	50.7	76.1
61	46.4	37.0	55.6





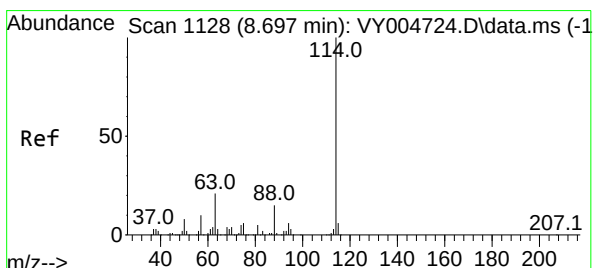
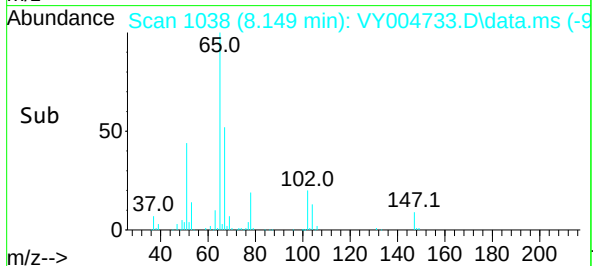
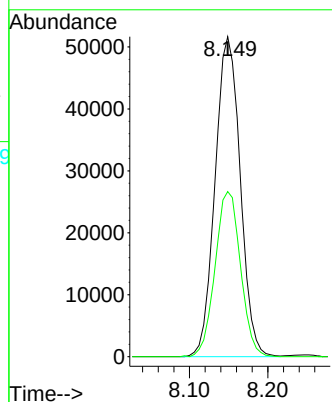
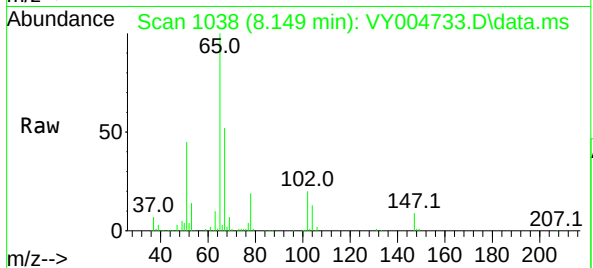
#33
1,2-Dichloroethane-d4
Concen: 53.38 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY004733.D
Acq: 10 May 2021 16:38

Tgt Ion: 65 Resp: 115245
Ion Ratio Lower Upper
65 100
67 52.2 0.0 108.0

Instrument :
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ClientSampleId :
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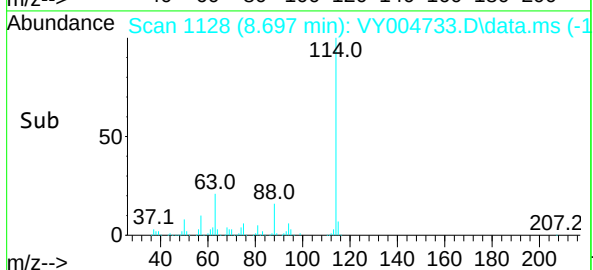
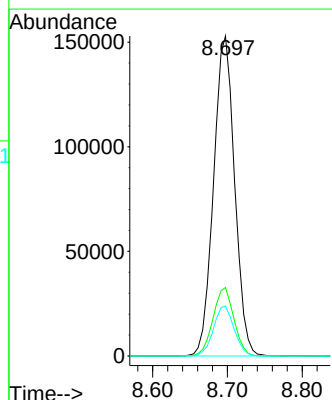
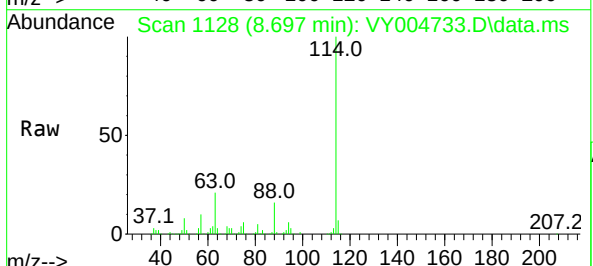
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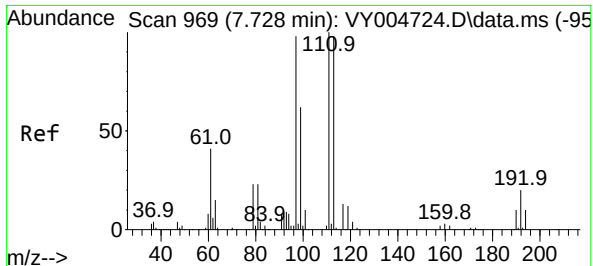
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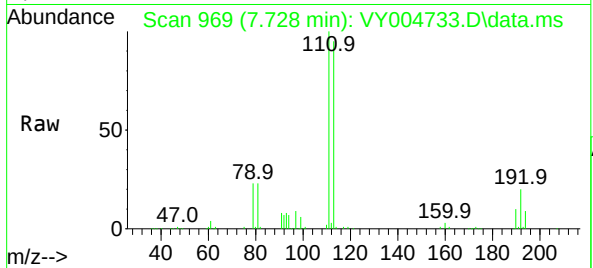
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004733.D
Acq: 10 May 2021 16:38

Tgt Ion: 114 Resp: 298739
Ion Ratio Lower Upper
114 100
63 21.4 0.0 42.8
88 15.6 0.0 31.0

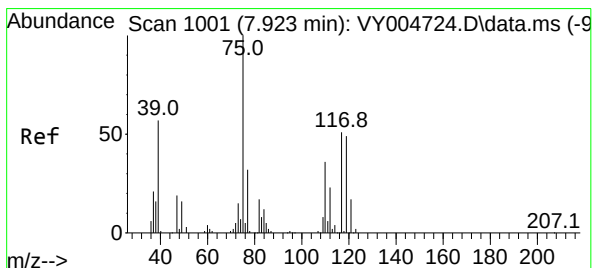
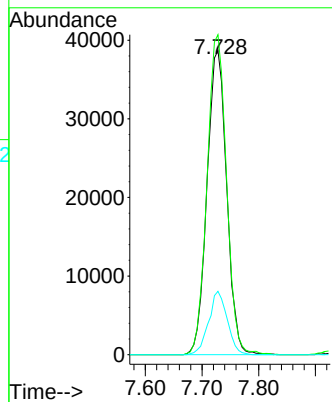
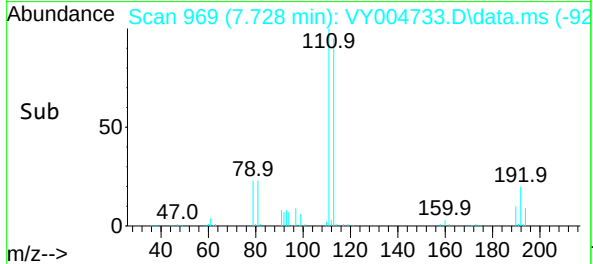




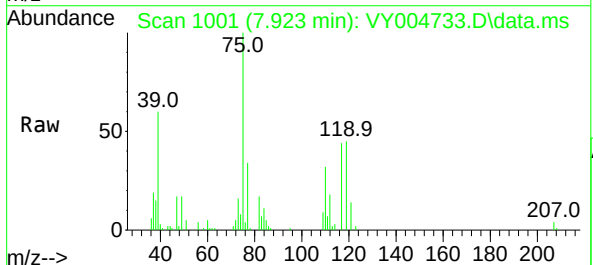
#35
Dibromofluoromethane
Concen: 57.04 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004733.D
Acq: 10 May 2021 16:38



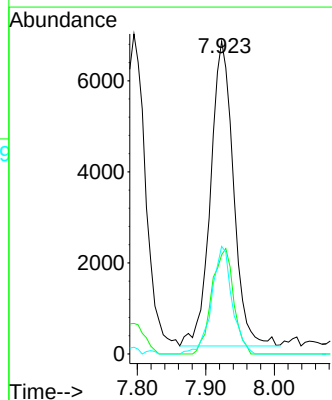
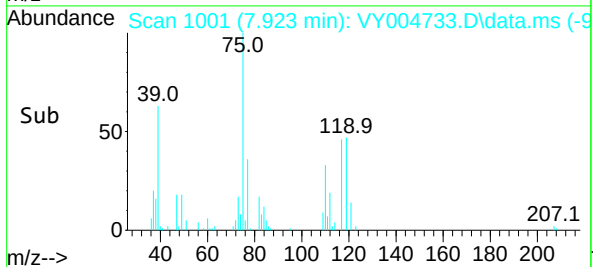
Tgt Ion: 113 Resp: 93292
Ion Ratio Lower Upper
113 100
111 104.3 80.5 120.7
192 19.7 15.0 22.6



#36
1,1-Dichloropropene
Concen: 5.09 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY004733.D
Acq: 10 May 2021 16:38



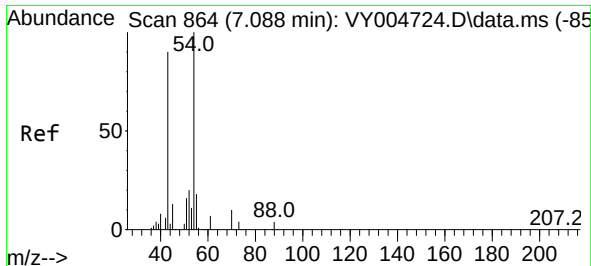
Tgt Ion: 75 Resp: 15577
Ion Ratio Lower Upper
75 100
110 32.7 17.0 50.9
77 31.5 25.0 37.4



Instrument :
MSVOA_Y
ClientSampleId :
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#37

Ethyl Acetate

Concen: 5.27 ug/l

RT: 7.088 min Scan# 864

Delta R.T. 0.000 min

Lab File: VY004733.D

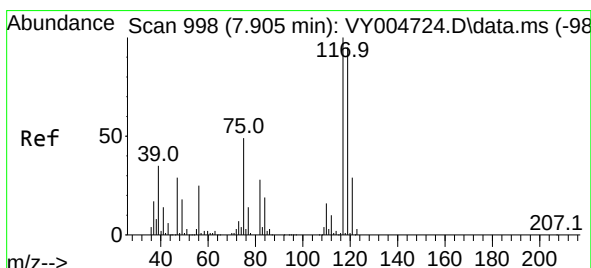
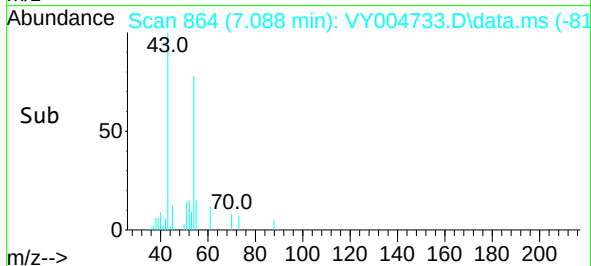
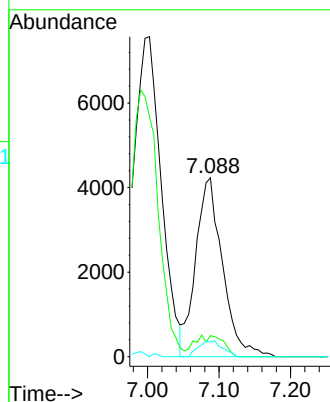
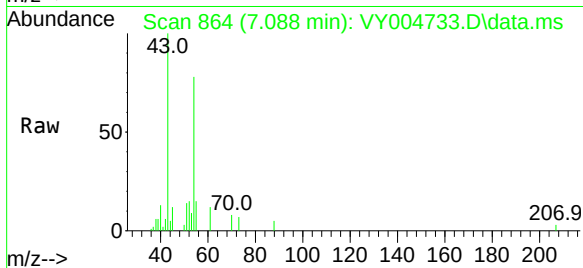
Acq: 10 May 2021 16:38

Tgt Ion:	43	Resp:	11049
Ion	Ratio	Lower	Upper
43	100		
61	0.0	9.9	14.9#
70	7.8	6.7	10.1

Instrument :
MSVOA_Y
ClientSampleId :
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5/11/2021 10:36:06 AM



#38

Carbon Tetrachloride

Concen: 4.54 ug/l

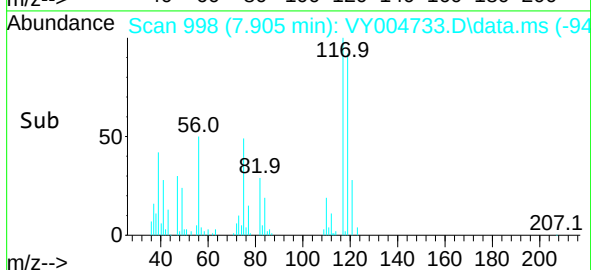
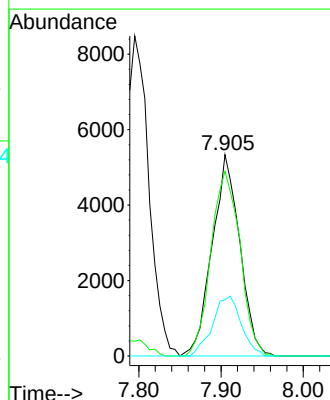
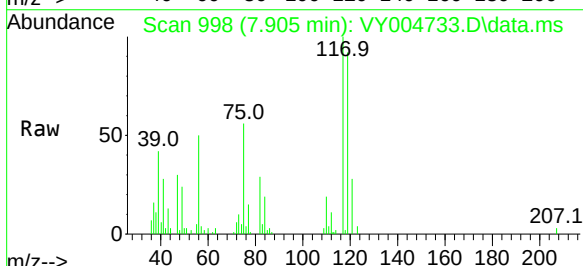
RT: 7.905 min Scan# 998

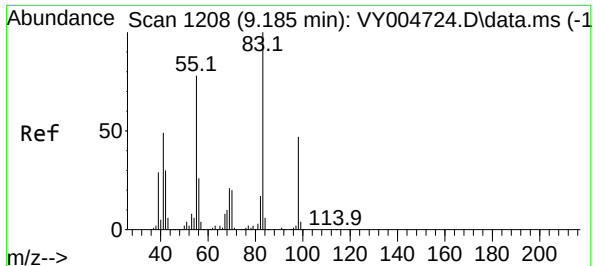
Delta R.T. 0.000 min

Lab File: VY004733.D

Acq: 10 May 2021 16:38

Tgt Ion:	117	Resp:	12492
Ion	Ratio	Lower	Upper
117	100		
119	91.7	76.3	114.5
121	28.0	23.0	34.6





#39

Methylcyclohexane

Concen: 4.69 ug/l

RT: 9.185 min Scan# 1208

Delta R.T. 0.000 min

Lab File: VY004733.D

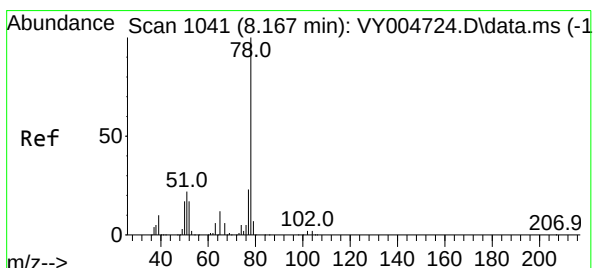
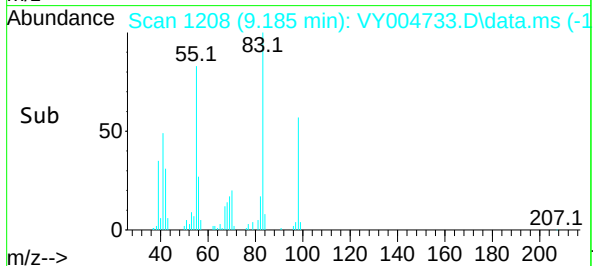
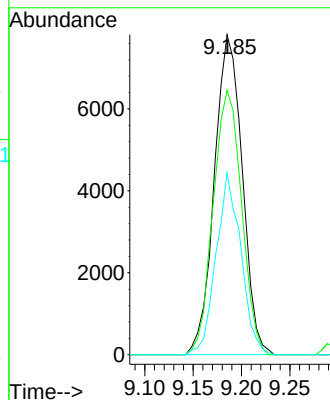
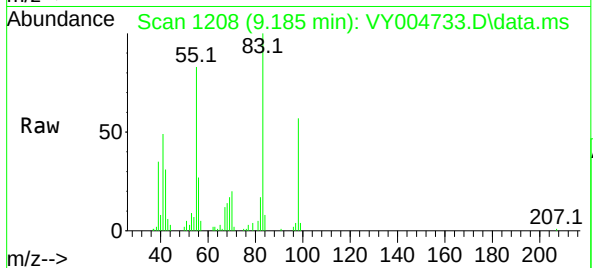
Acq: 10 May 2021 16:38

Tgt Ion:	83	Resp:	15644
Ion	Ratio	Lower	Upper
83	100		
55	82.6	62.6	94.0
98	56.8	37.8	56.6#

Instrument :
MSVOA_Y
ClientSampleId :
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#40

Benzene

Concen: 5.15 ug/l

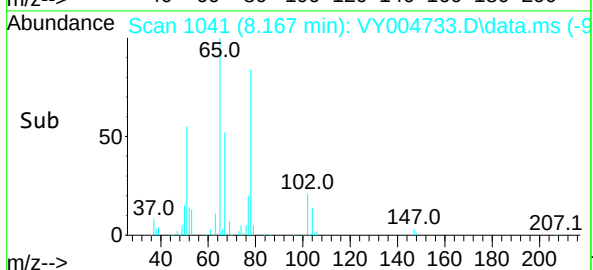
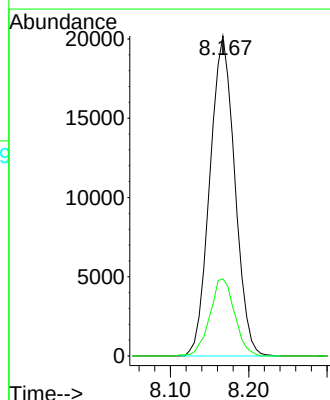
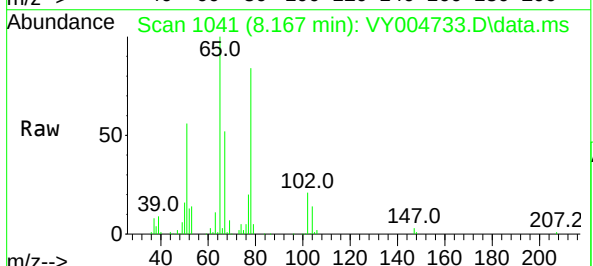
RT: 8.167 min Scan# 1041

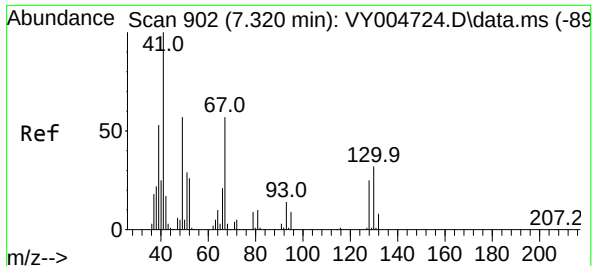
Delta R.T. 0.000 min

Lab File: VY004733.D

Acq: 10 May 2021 16:38

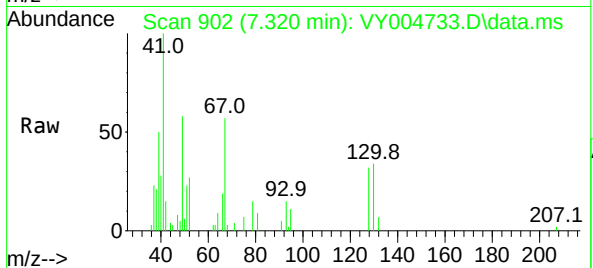
Tgt Ion:	78	Resp:	44591
Ion	Ratio	Lower	Upper
78	100		
77	24.1	18.4	27.6





#41
Methacrylonitrile
Concen: 5.10 ug/l
RT: 7.320 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY004733.D
Acq: 10 May 2021 16:38

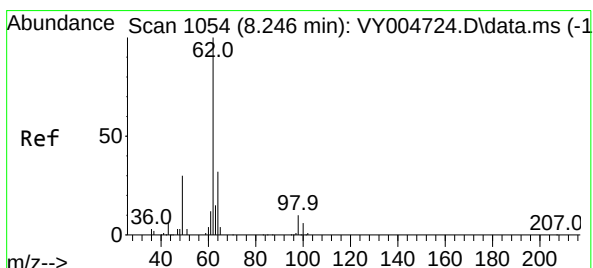
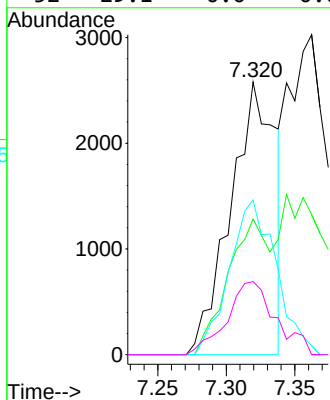
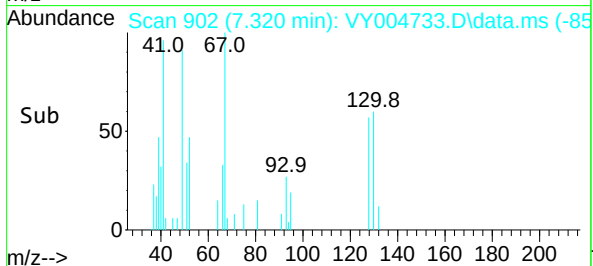
Instrument :
MSVOA_Y
ClientSampleId :
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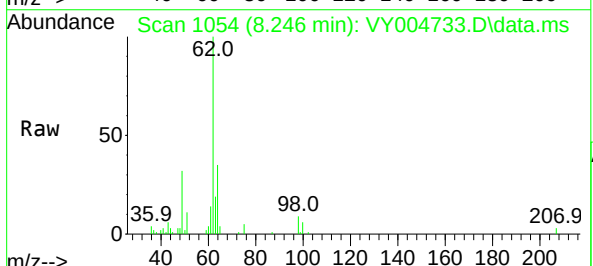
Tgt Ion:	41	Resp:	5852
Ion Ratio	Lower	Upper	
41	100		
39	45.0	0.0	0.0#
67	59.3	0.0	0.0#
52	29.1	0.0	0.0#

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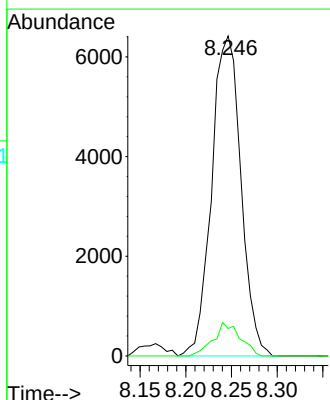
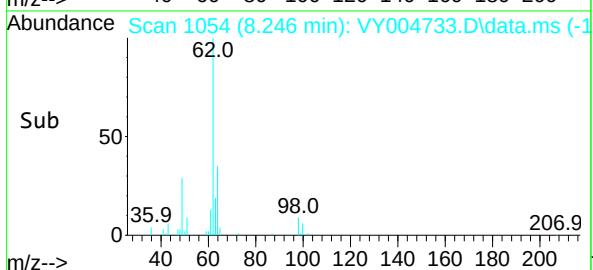
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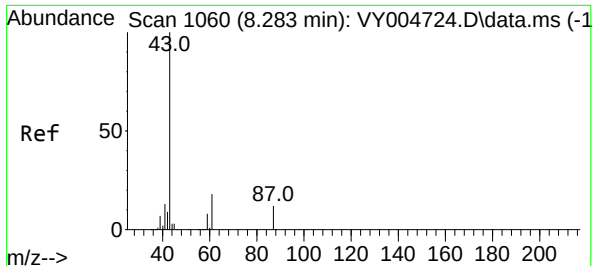


#42
1,2-Dichloroethane
Concen: 5.23 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VY004733.D
Acq: 10 May 2021 16:38



Tgt Ion:	62	Resp:	14293
Ion Ratio	Lower	Upper	
62	100		
98	9.6	0.0	18.2





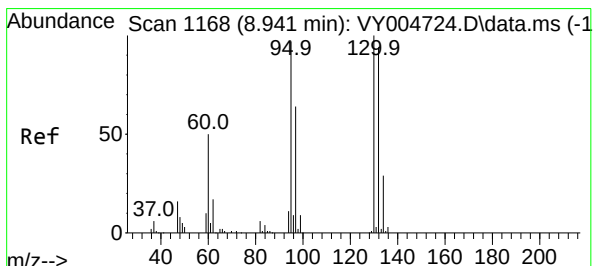
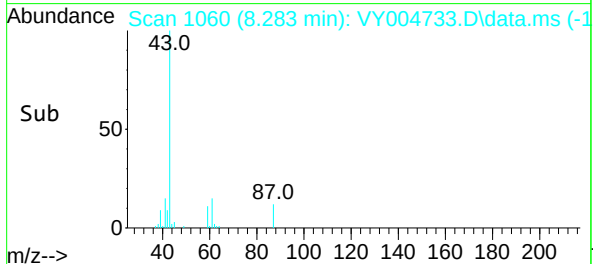
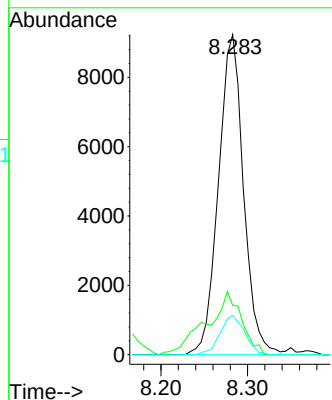
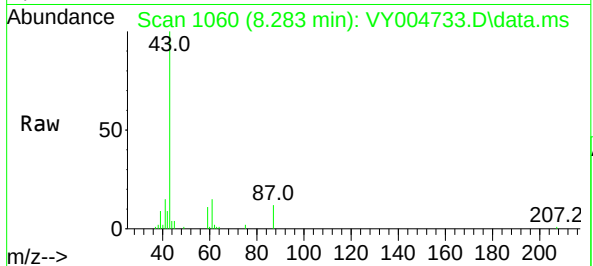
#43
Isopropyl Acetate
Concen: 4.76 ug/l
RT: 8.283 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VY004733.D
Acq: 10 May 2021 16:38

Tgt Ion:	43	Resp:	18549
Ion Ratio	Lower	Upper	
43	100		
61	27.6	20.3	30.5
87	12.1	9.2	13.8

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2021

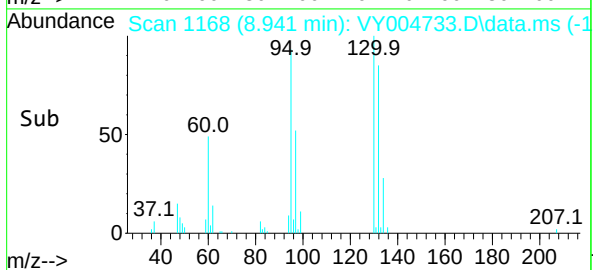
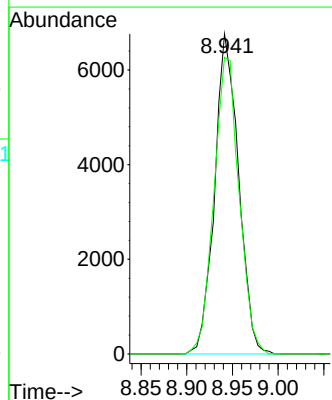
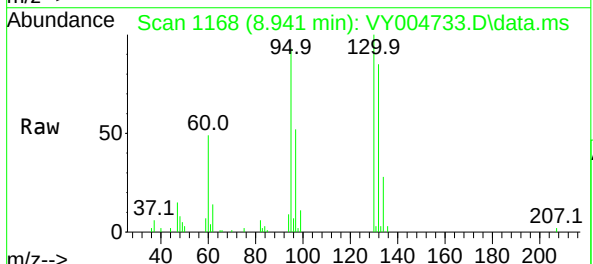
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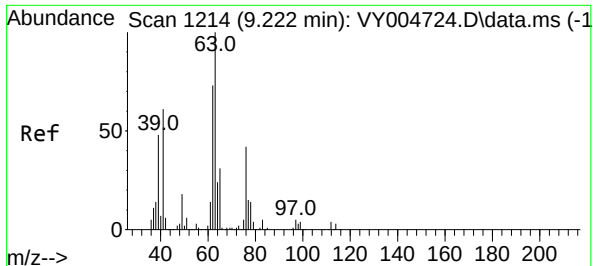
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5/11/2021 10:36:06 AM



#44
Trichloroethene
Concen: 5.30 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY004733.D
Acq: 10 May 2021 16:38

Tgt Ion:	130	Resp:	12326
Ion Ratio	Lower	Upper	
130	100		
95	92.7	0.0	193.6





#45

1,2-Dichloropropane

Concen: 5.17 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. 0.000 min

Lab File: VY004733.D

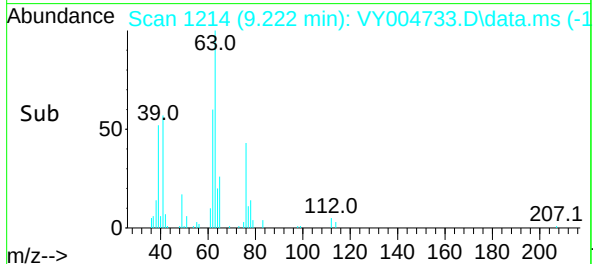
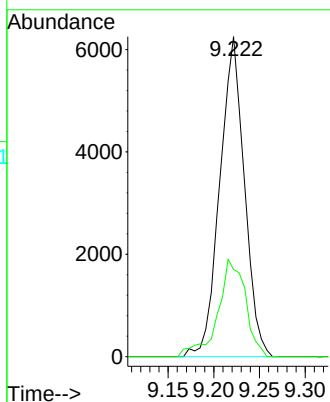
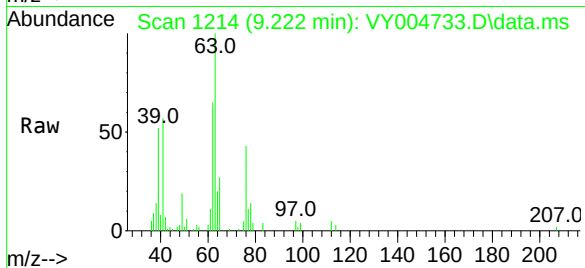
Acq: 10 May 2021 16:38

Tgt Ion: 63 Resp: 11697

Ion Ratio Lower Upper

63 100

65 27.3 25.0 37.4



Instrument :

MSVOA_Y

ClientSampleId :

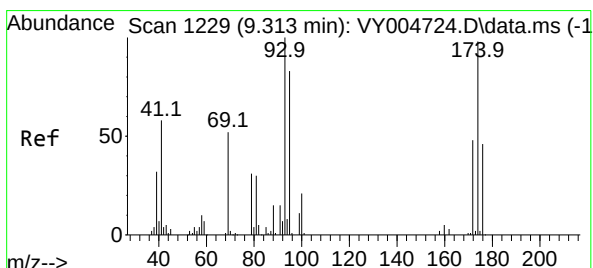
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5/11/2021 10:36:06 AM



#46

Dibromomethane

Concen: 4.85 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.006 min

Lab File: VY004733.D

Acq: 10 May 2021 16:38

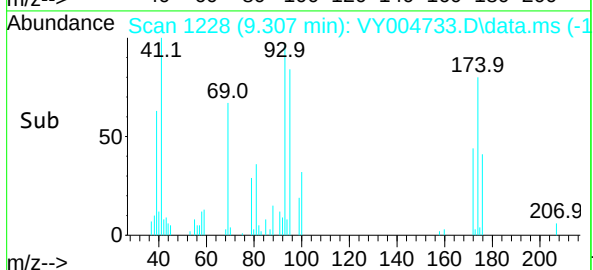
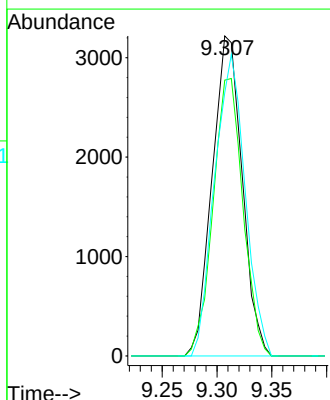
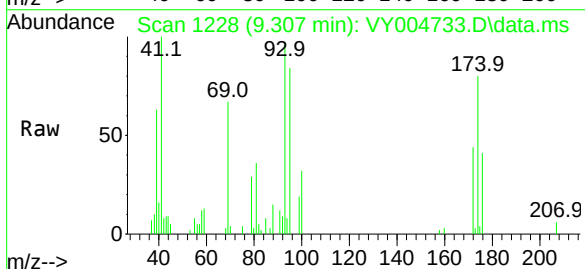
Tgt Ion: 93 Resp: 6111

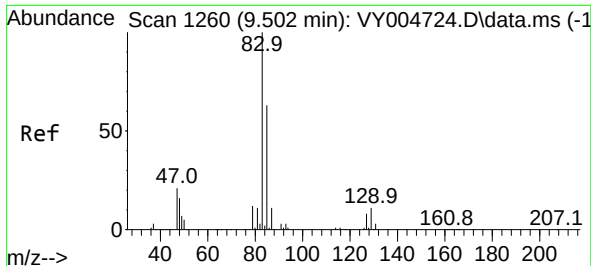
Ion Ratio Lower Upper

93 100

95 86.5 66.8 100.2

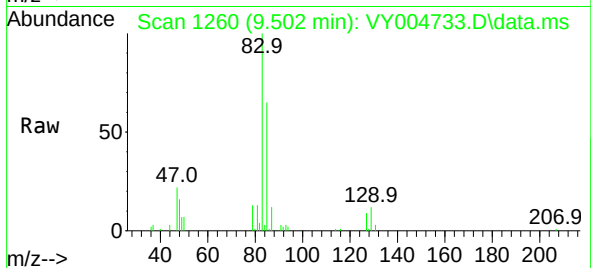
174 96.0 75.9 113.9





#47
Bromodichloromethane
Concen: 5.03 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VY004733.D
Acq: 10 May 2021 16:38

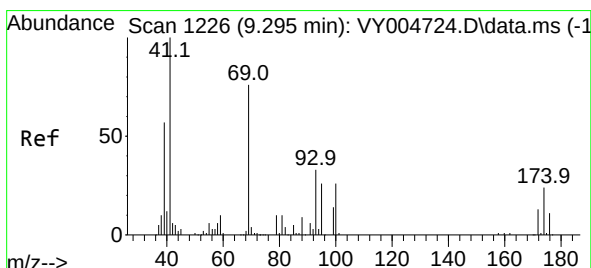
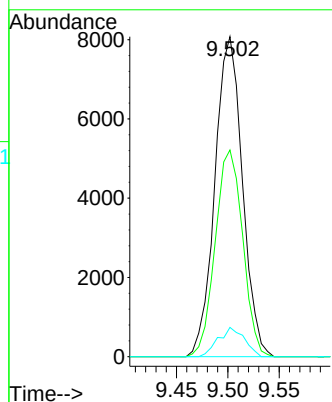
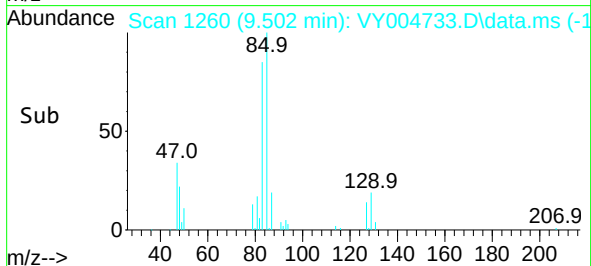
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2021



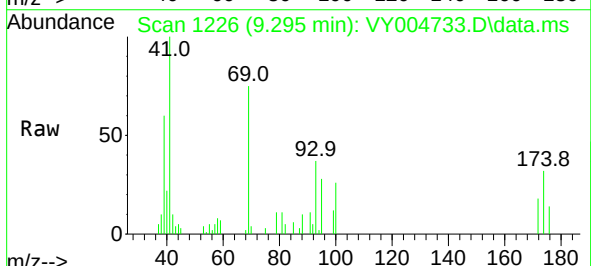
Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	50.4	75.6
127	9.2	6.6	9.8

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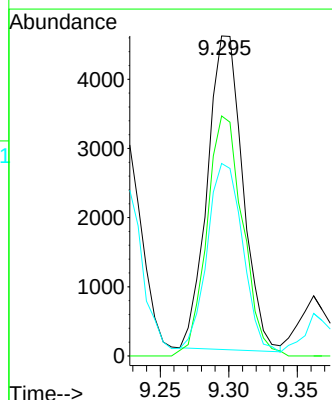
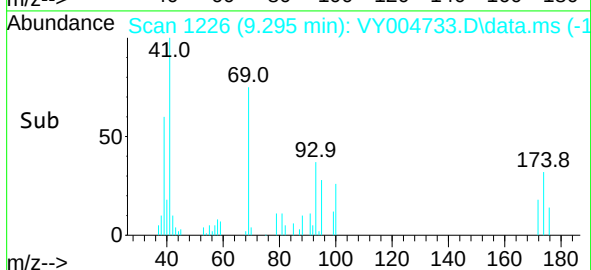
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5/11/2021 10:36:06 AM

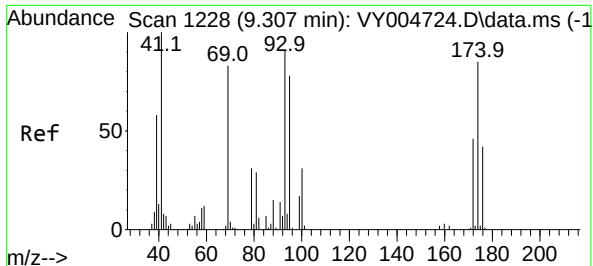


#48
Methyl methacrylate
Concen: 4.60 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY004733.D
Acq: 10 May 2021 16:38



Tgt Ion	Ratio	Lower	Upper
41	100		
69	77.4	62.0	93.0
39	64.0	48.4	72.6





#49

1,4-Dioxane

Concen: 89.83 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY004733.D

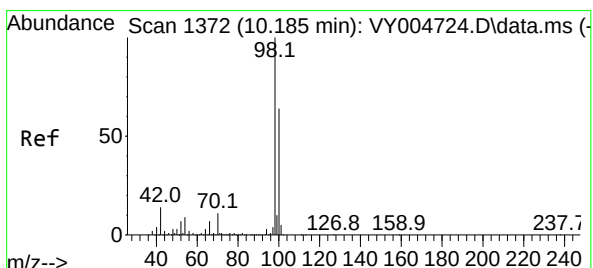
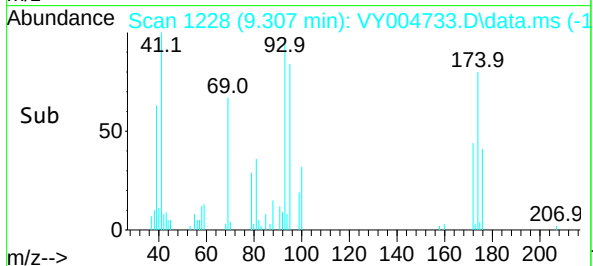
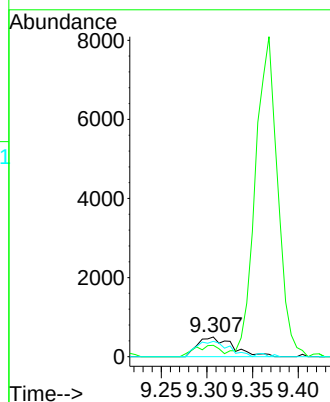
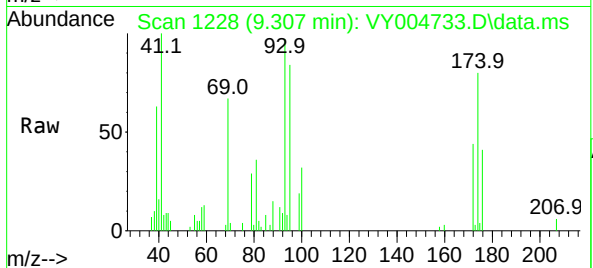
Acq: 10 May 2021 16:38

Tgt Ion:	88	Resp:	1332
Ion	Ratio	Lower	Upper
88	100		
43	40.9	32.1	48.1
58	72.1	64.2	96.4

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2021

Manual Integrations
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5/11/2021 10:36:06 AM



#50

Toluene-d8

Concen: 51.58 ug/l

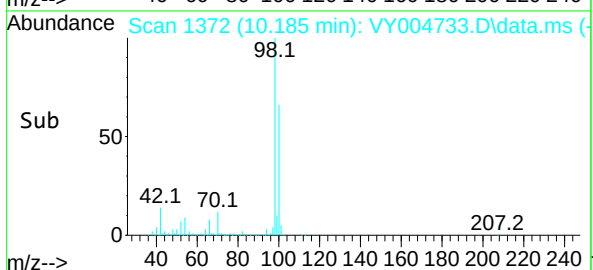
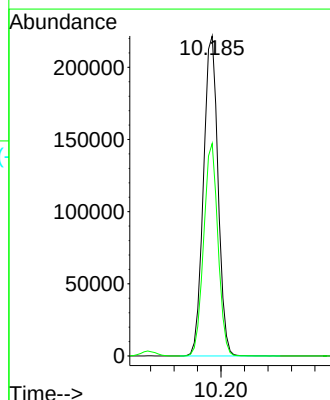
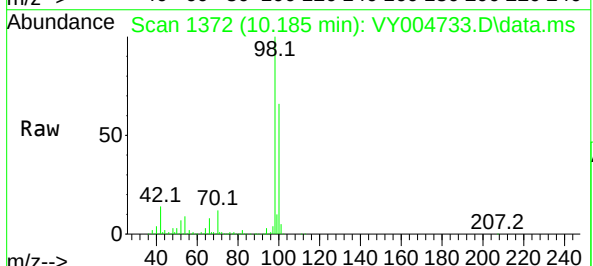
RT: 10.185 min Scan# 1372

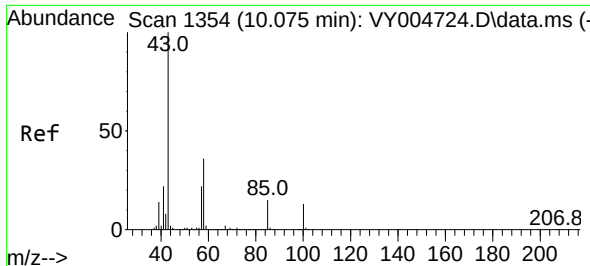
Delta R.T. 0.000 min

Lab File: VY004733.D

Acq: 10 May 2021 16:38

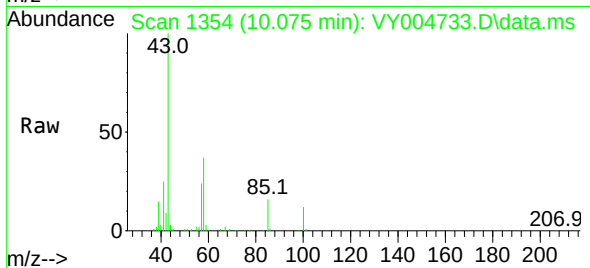
Tgt Ion:	98	Resp:	381064
Ion	Ratio	Lower	Upper
98	100		
100	65.0	51.5	77.3





#51
4-Methyl-2-Pentanone
Concen: 22.78 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY004733.D
Acq: 10 May 2021 16:38

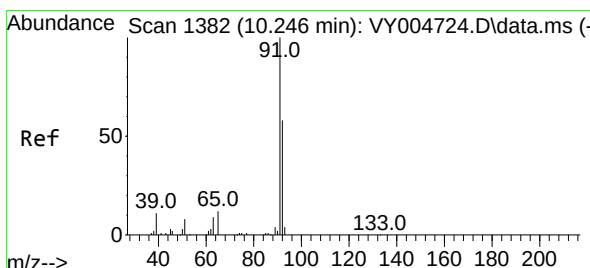
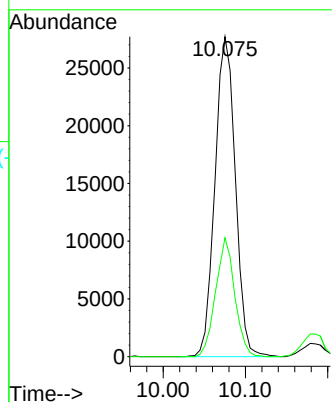
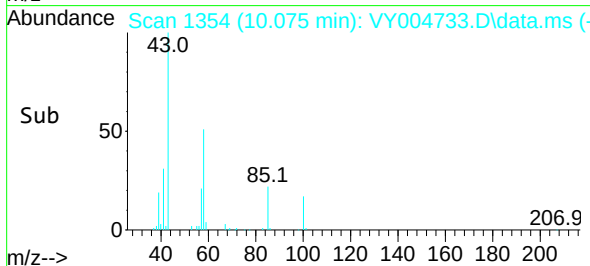
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2021



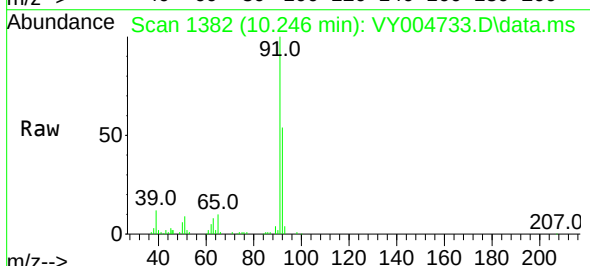
Tgt Ion: 43 Resp: 47746
Ion Ratio Lower Upper
43 100
58 34.7 28.7 43.1

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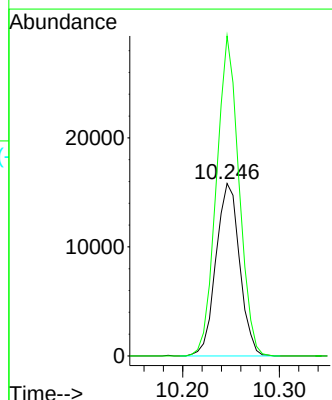
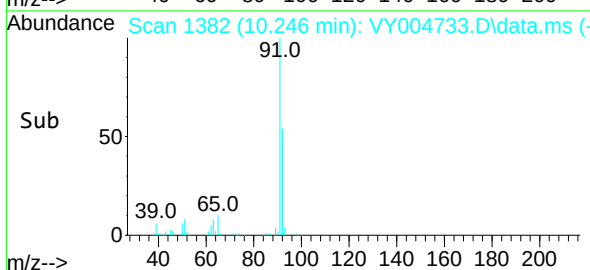
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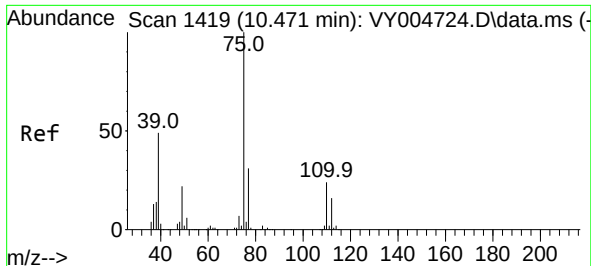


#52
Toluene
Concen: 4.91 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY004733.D
Acq: 10 May 2021 16:38

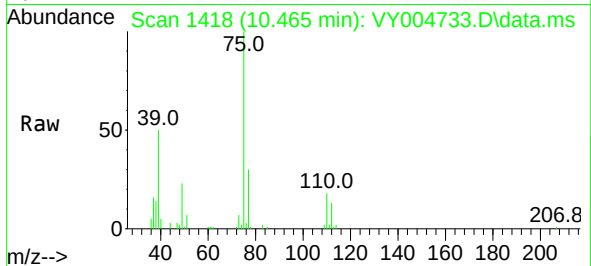


Tgt Ion: 92 Resp: 26855
Ion Ratio Lower Upper
92 100
91 177.0 138.2 207.4

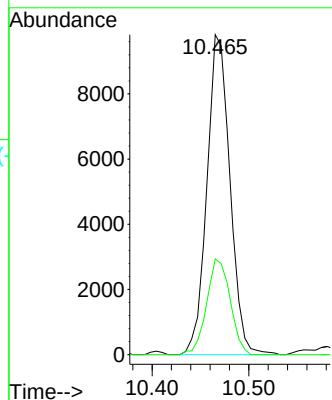
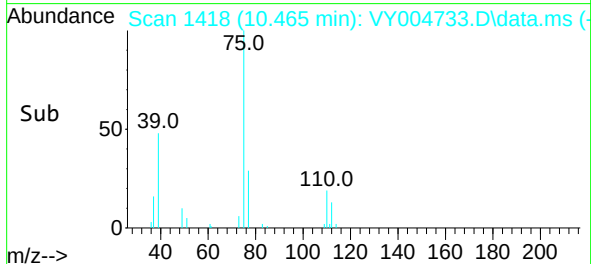




#53
t-1,3-Dichloropropene
Concen: 4.92 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.006 min
Lab File: VY004733.D
Acq: 10 May 2021 16:38



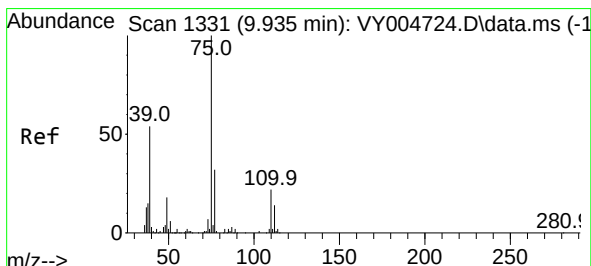
Tgt Ion: 75 Resp: 16288
Ion Ratio Lower Upper
75 100
77 29.9 24.8 37.2



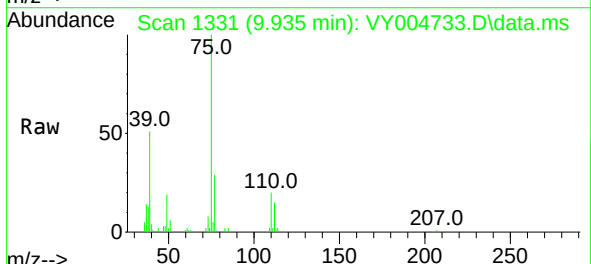
Instrument :
MSVOA_Y
ClientSampleId :
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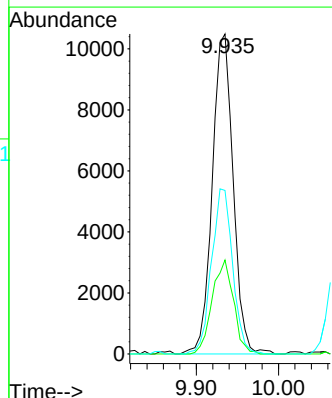
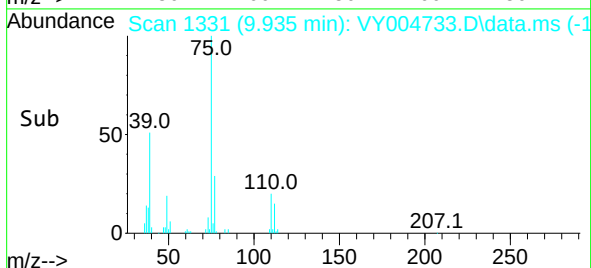
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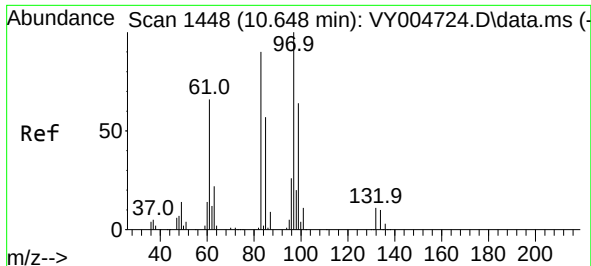


#54
cis-1,3-Dichloropropene
Concen: 5.03 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. 0.000 min
Lab File: VY004733.D
Acq: 10 May 2021 16:38



Tgt Ion: 75 Resp: 18527
Ion Ratio Lower Upper
75 100
77 29.4 25.4 38.0
39 51.1 43.2 64.8





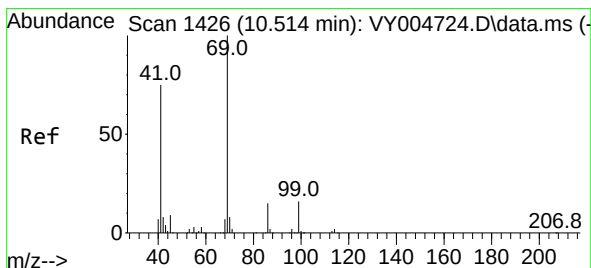
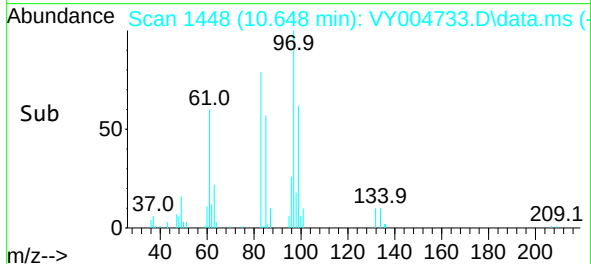
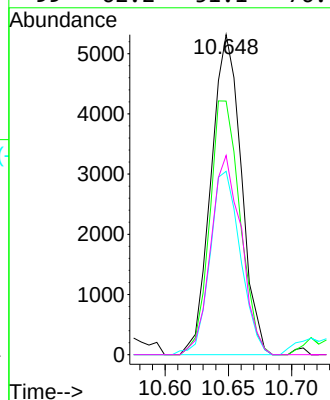
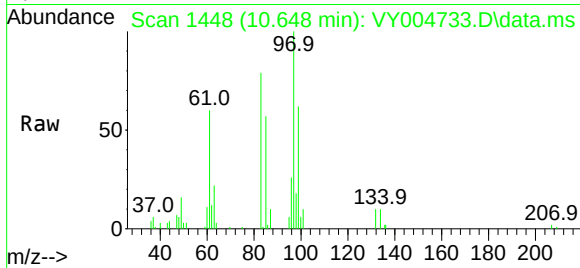
#55
1,1,2-Trichloroethane
Concen: 5.11 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY004733.D
Acq: 10 May 2021 16:38

Tgt Ion	Ratio	Lower	Upper
97	100		
83	79.3	71.9	107.9
85	57.3	45.8	68.6
99	62.2	51.1	76.7

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2021

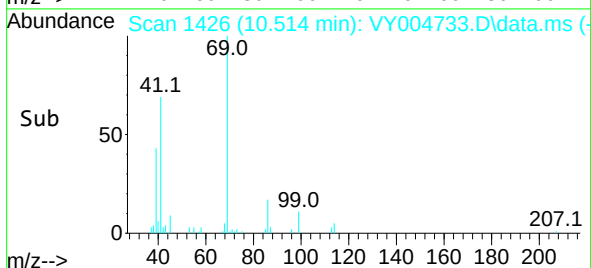
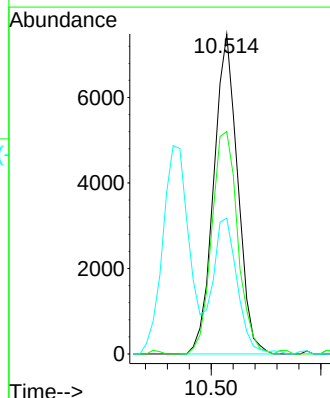
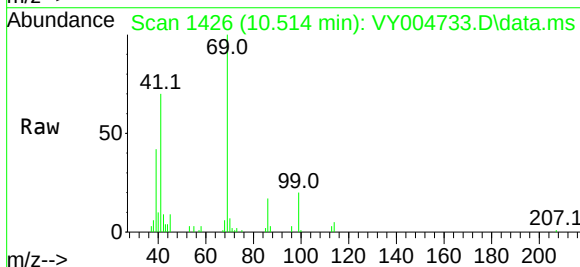
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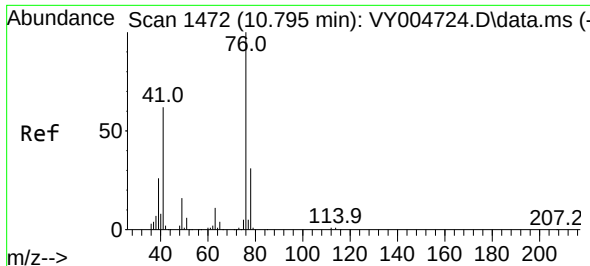
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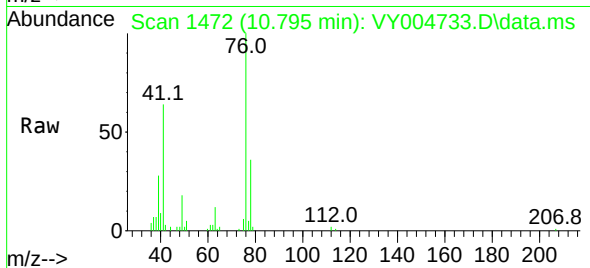
#56
Ethyl methacrylate
Concen: 4.53 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VY004733.D
Acq: 10 May 2021 16:38

Tgt Ion	Ratio	Lower	Upper
69	100		
41	75.5	60.2	90.4
39	43.7	33.5	50.3

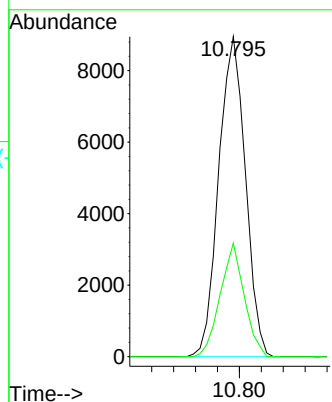
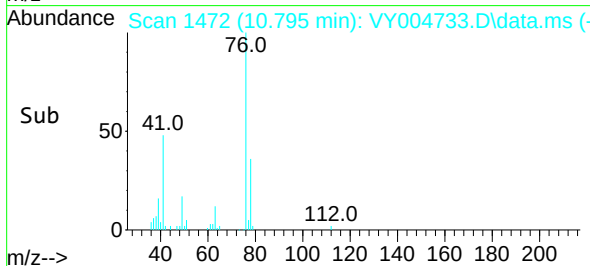




#57
1,3-Dichloropropane
Concen: 4.90 ug/l
RT: 10.795 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VY004733.D
Acq: 10 May 2021 16:38



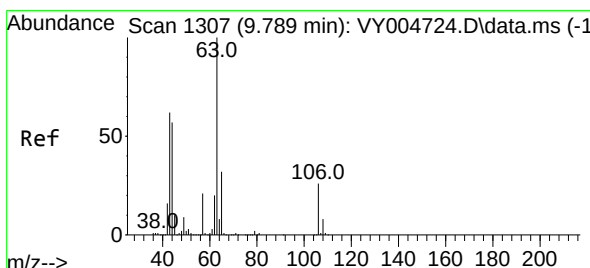
Tgt Ion: 76 Resp: 15113
Ion Ratio Lower Upper
76 100
78 32.0 25.5 38.3



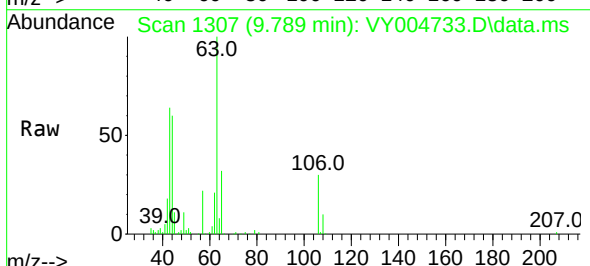
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2021

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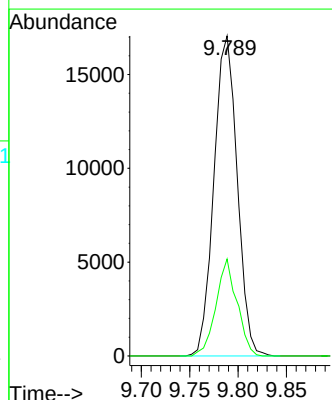
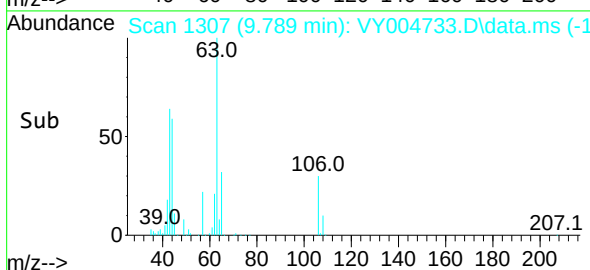
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5/11/2021 10:36:06 AM

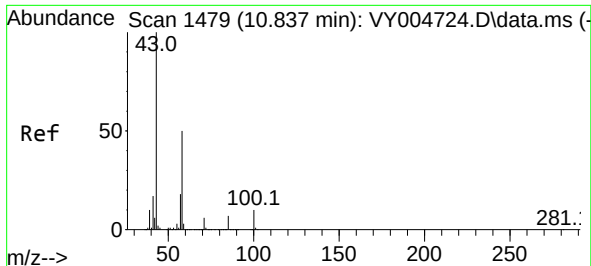


#58
2-Chloroethyl Vinyl ether
Concen: 22.04 ug/l
RT: 9.789 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VY004733.D
Acq: 10 May 2021 16:38



Tgt Ion: 63 Resp: 28505
Ion Ratio Lower Upper
63 100
106 27.4 20.9 31.3





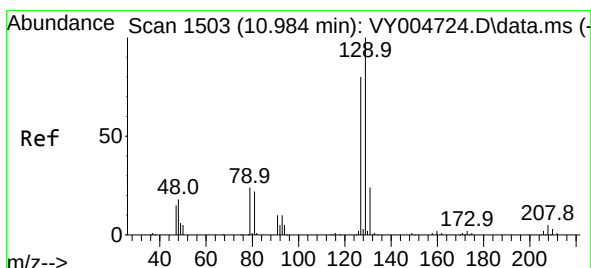
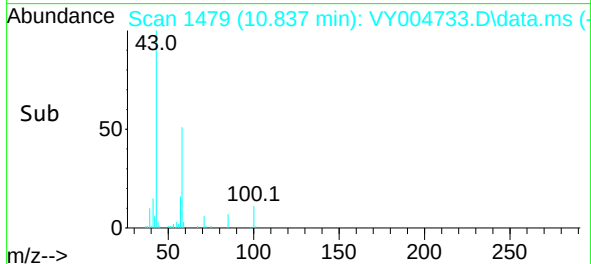
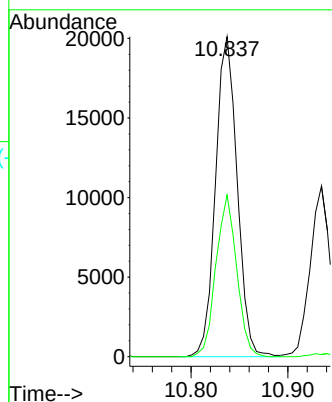
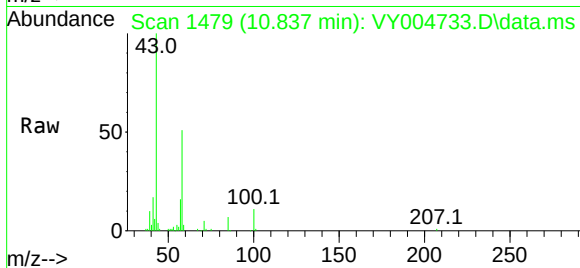
#59
2-Hexanone
Concen: 22.02 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY004733.D
Acq: 10 May 2021 16:38

Tgt Ion: 43 Resp: 31274
Ion Ratio Lower Upper
43 100
58 48.3 24.9 74.8

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2021

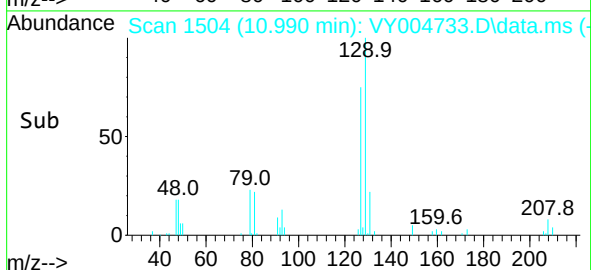
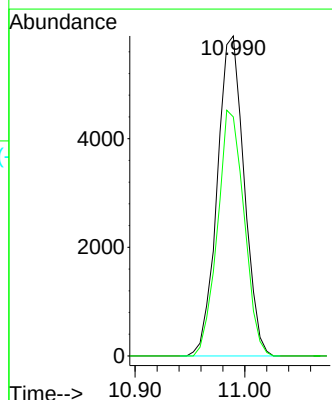
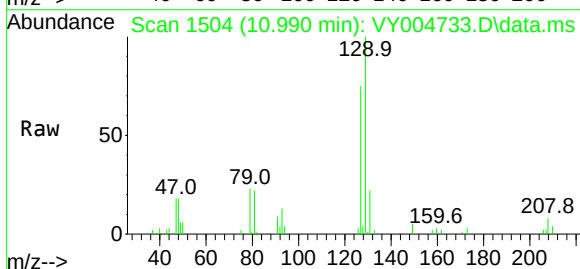
Manual Integrations
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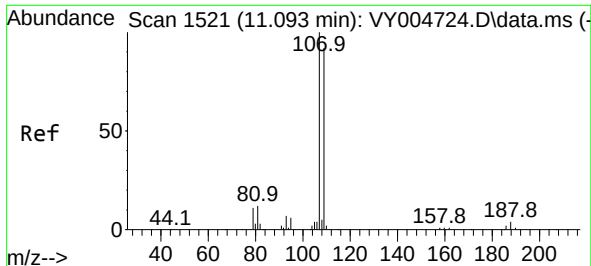
MMDadoda
5/11/2021 10:36:06 AM



#60
Dibromochloromethane
Concen: 4.87 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.006 min
Lab File: VY004733.D
Acq: 10 May 2021 16:38

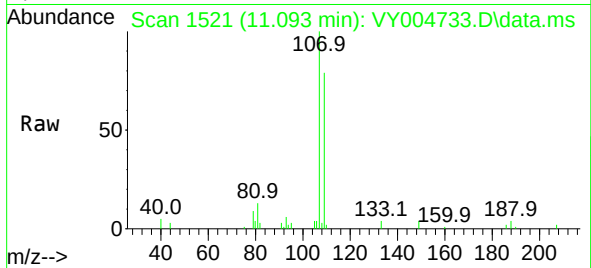
Tgt Ion: 129 Resp: 10044
Ion Ratio Lower Upper
129 100
127 75.9 39.4 118.1





#61
1,2-Dibromoethane
Concen: 4.95 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY004733.D
Acq: 10 May 2021 16:38

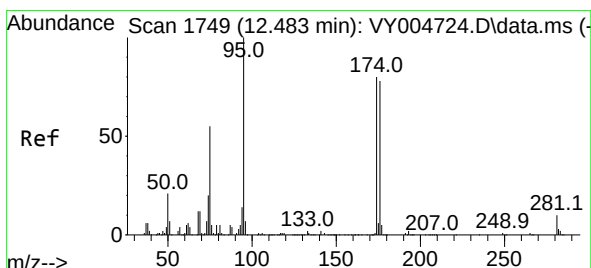
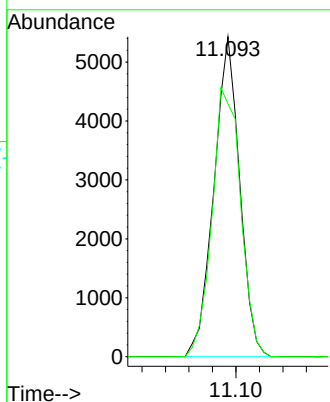
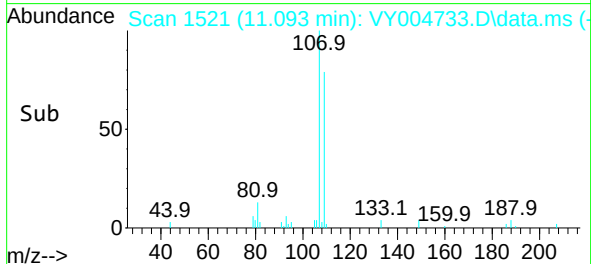
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2021



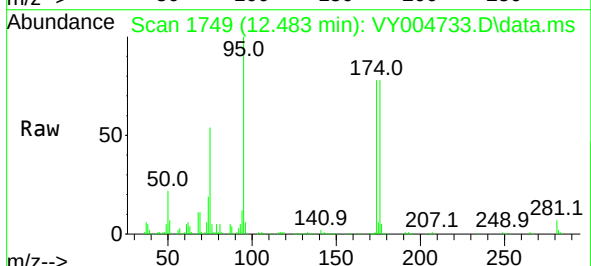
Tgt Ion:107 Resp: 8267
Ion Ratio Lower Upper
107 100
109 93.5 73.8 110.6

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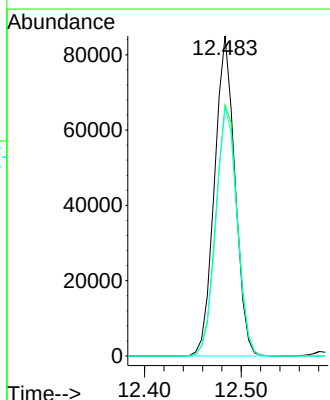
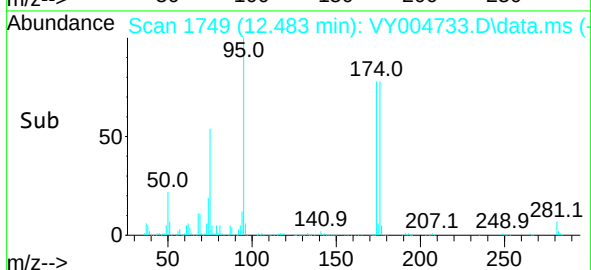
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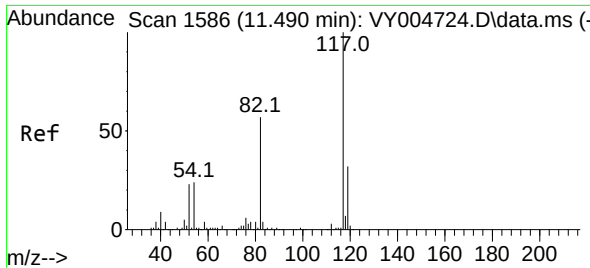


#62
4-Bromofluorobenzene
Concen: 49.95 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004733.D
Acq: 10 May 2021 16:38

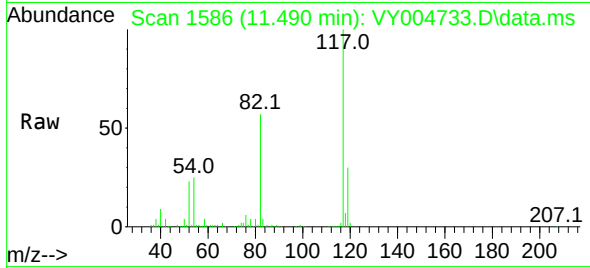


Tgt Ion: 95 Resp: 124539
Ion Ratio Lower Upper
95 100
174 82.4 0.0 164.2
176 80.3 0.0 159.0

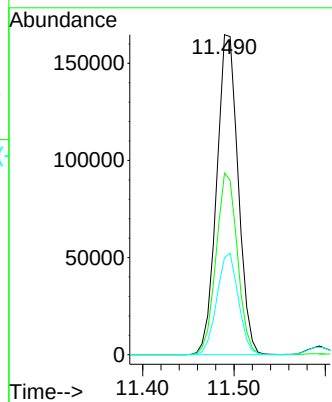
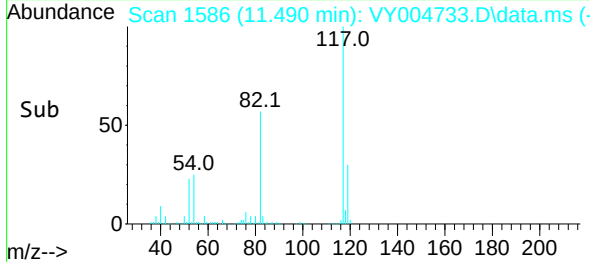




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY004733.D
Acq: 10 May 2021 16:38



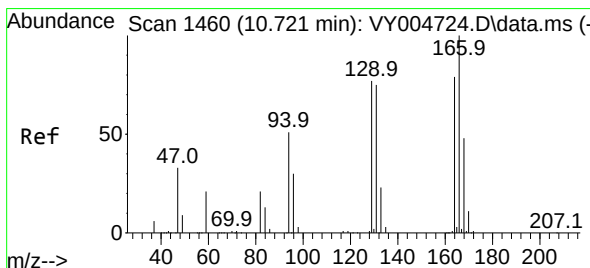
Tgt Ion:117 Resp: 269065
Ion Ratio Lower Upper
117 100
82 56.8 45.4 68.2
119 30.4 25.8 38.6



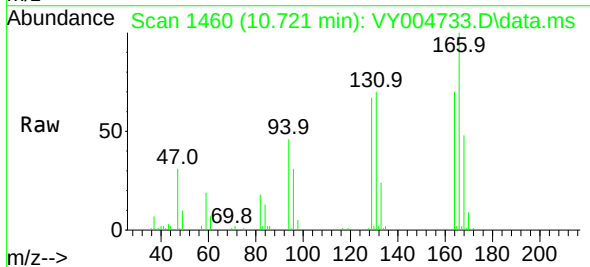
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2021

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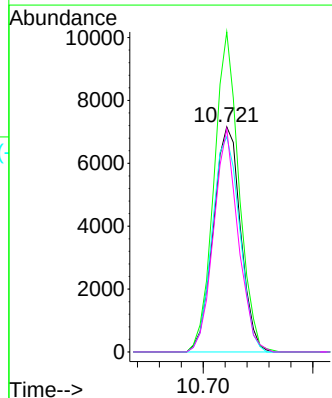
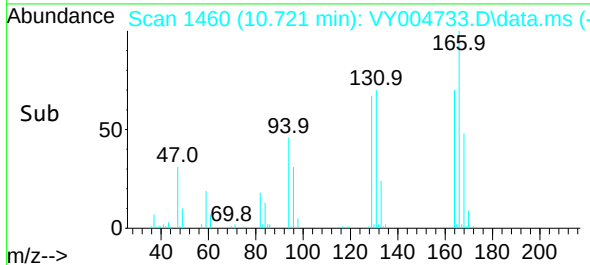
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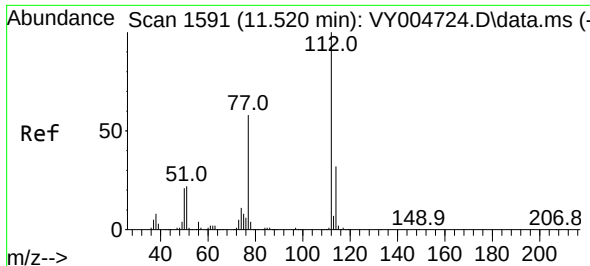


#64
Tetrachloroethene
Concen: 5.08 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY004733.D
Acq: 10 May 2021 16:38



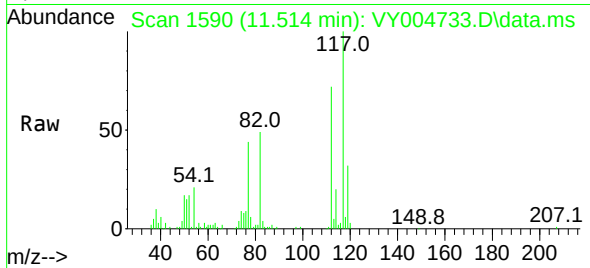
Tgt Ion:164 Resp: 12359
Ion Ratio Lower Upper
164 100
166 142.2 100.8 151.2
129 95.6 77.5 116.3
131 99.2 75.1 112.7





#65
Chlorobenzene
Concen: 5.33 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY004733.D
Acq: 10 May 2021 16:38

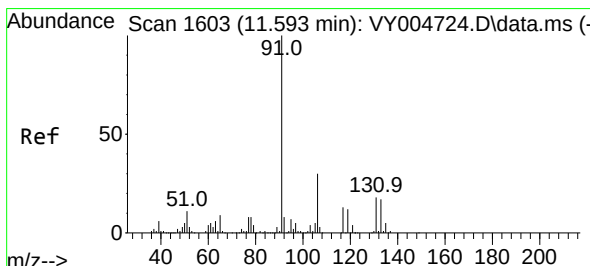
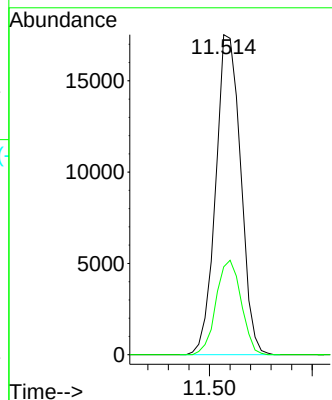
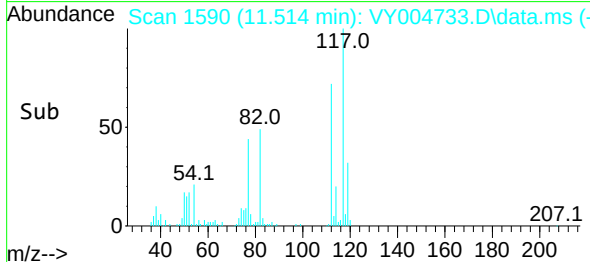
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2021



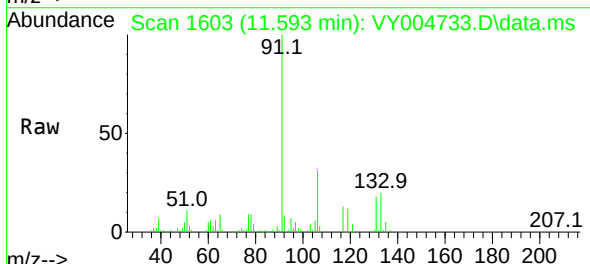
Tgt Ion:112 Resp: 29519
Ion Ratio Lower Upper
112 100
114 27.5 25.4 38.2

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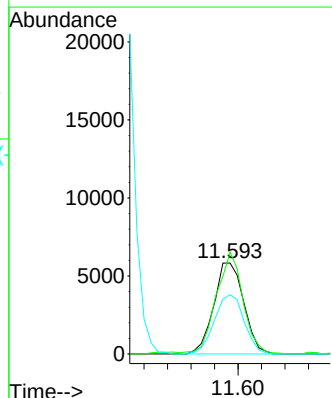
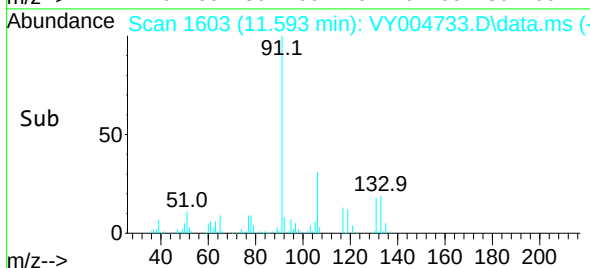
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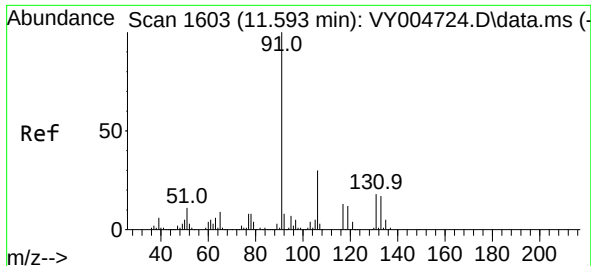


#66
1,1,1,2-Tetrachloroethane
Concen: 5.12 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY004733.D
Acq: 10 May 2021 16:38



Tgt Ion:131 Resp: 10312
Ion Ratio Lower Upper
131 100
133 102.2 47.9 143.7
119 64.7 32.8 98.4





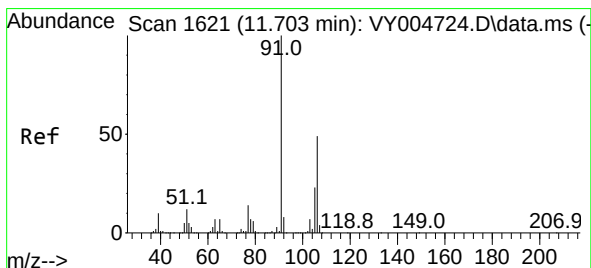
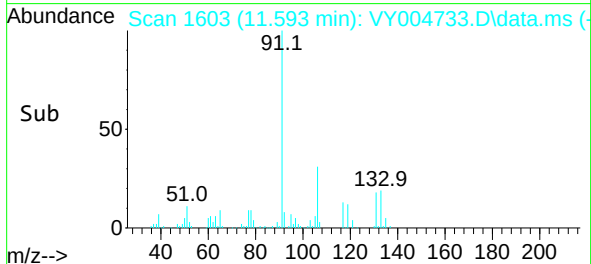
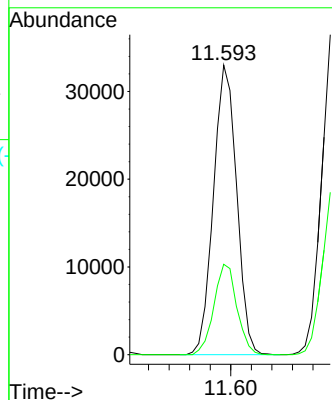
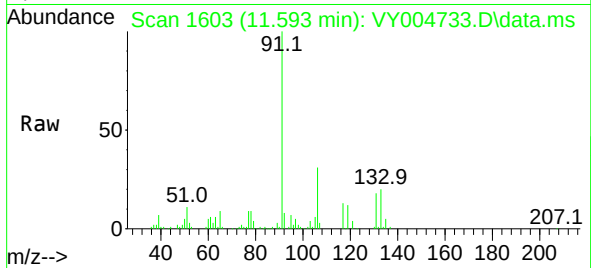
#67
Ethyl Benzene
Concen: 5.03 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY004733.D
Acq: 10 May 2021 16:38

Tgt Ion: 91 Resp: 51741
Ion Ratio Lower Upper
91 100
106 31.2 24.0 36.0

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2021

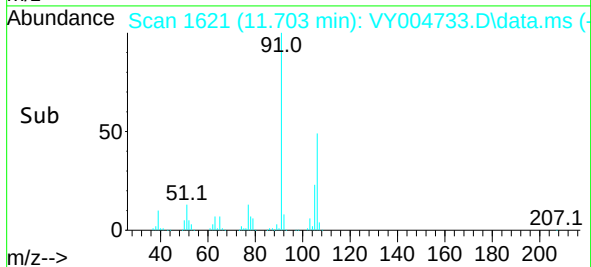
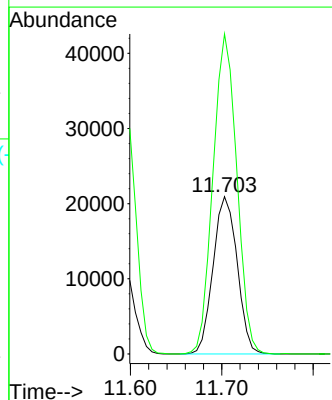
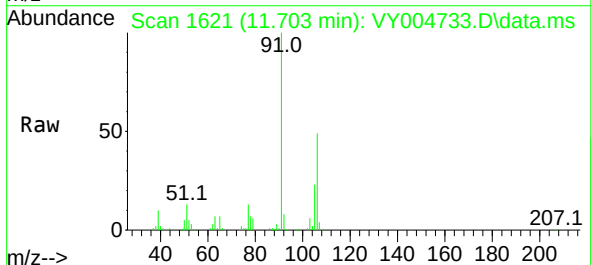
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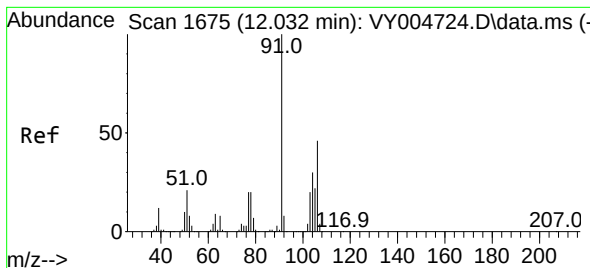
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#68
m/p-Xylenes
Concen: 9.91 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY004733.D
Acq: 10 May 2021 16:38

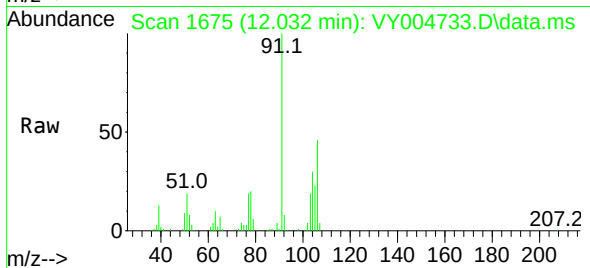
Tgt Ion: 106 Resp: 38290
Ion Ratio Lower Upper
106 100
91 201.3 163.6 245.4





#69
o-Xylene
Concen: 4.82 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY004733.D
Acq: 10 May 2021 16:38

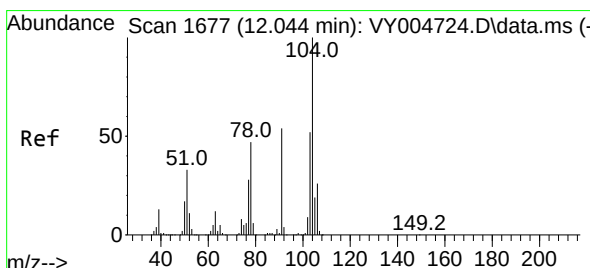
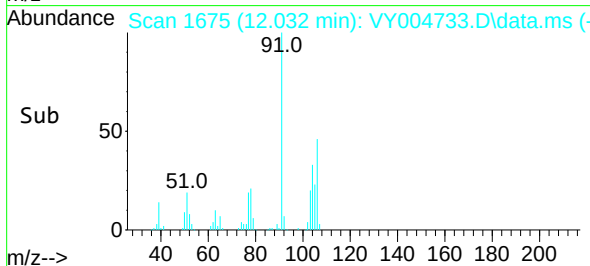
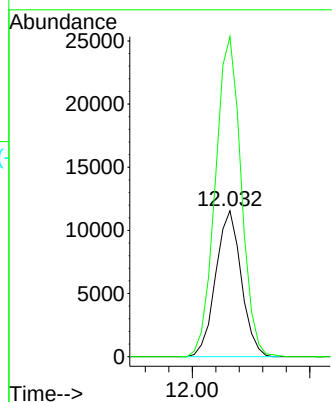
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2021



Tgt Ion:106 Resp: 17424
Ion Ratio Lower Upper
106 100
91 221.6 108.9 326.7

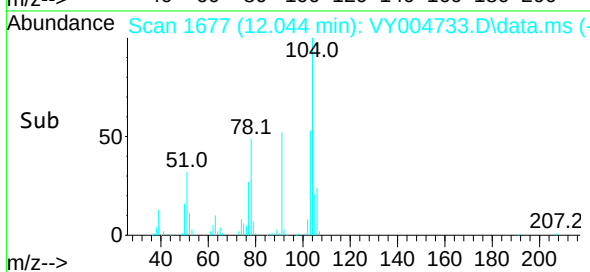
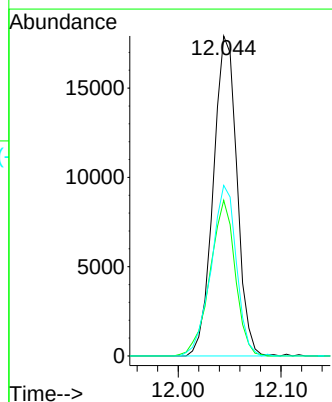
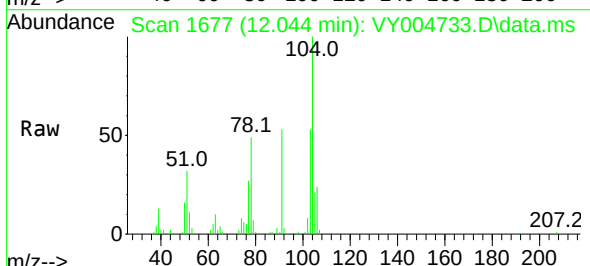
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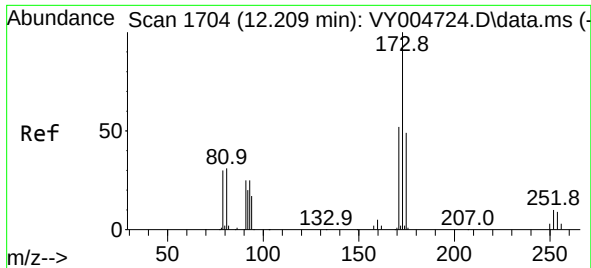
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#70
Styrene
Concen: 4.72 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY004733.D
Acq: 10 May 2021 16:38

Tgt Ion:104 Resp: 28585
Ion Ratio Lower Upper
104 100
78 51.8 40.3 60.5
103 57.0 44.2 66.4





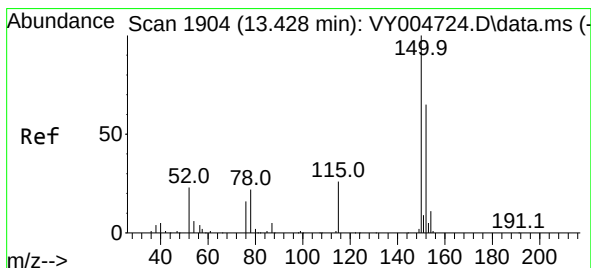
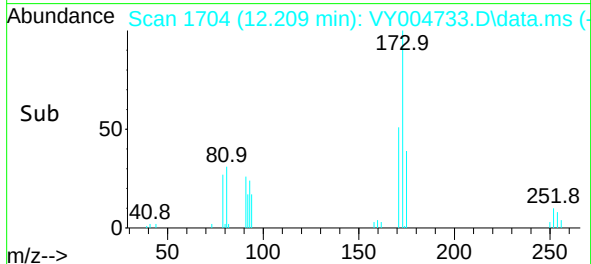
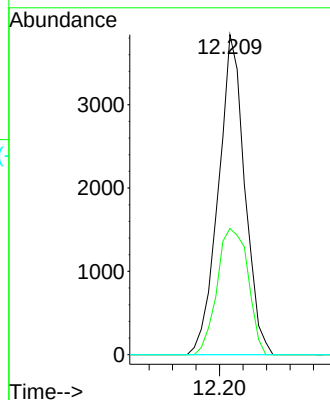
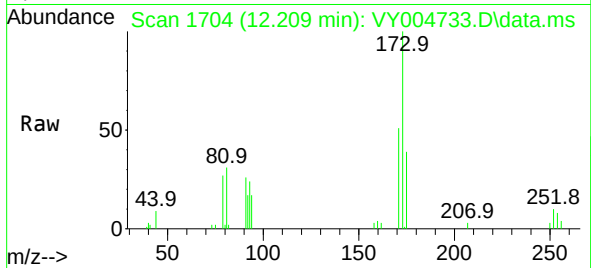
#71
Bromoform
Concen: 4.90 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VY004733.D
Acq: 10 May 2021 16:38

Tgt Ion:173 Resp: 5980
Ion Ratio Lower Upper
173 100
175 46.1 24.1 72.2
254 0.0 0.0 0.0

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2021

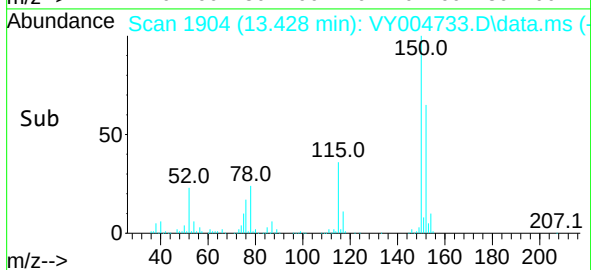
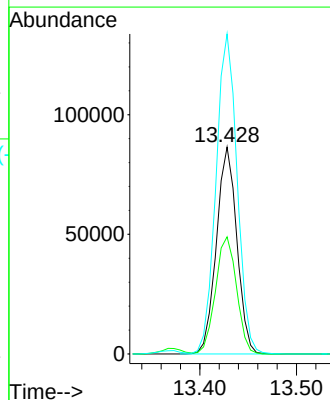
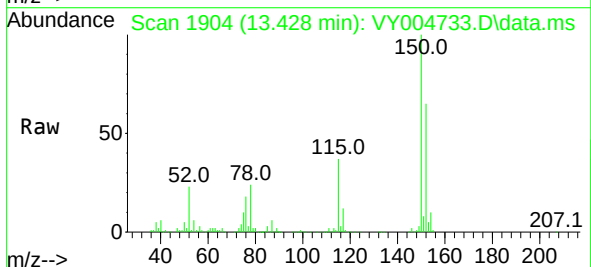
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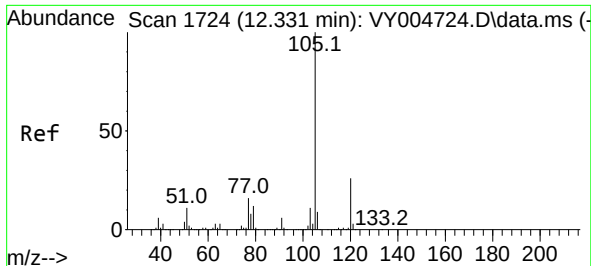
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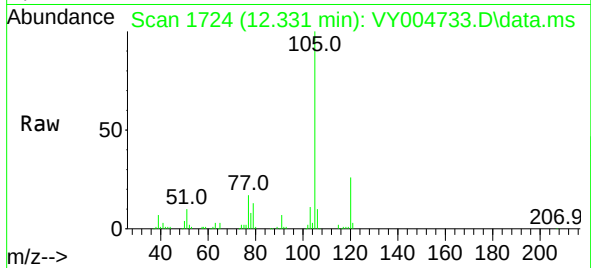
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004733.D
Acq: 10 May 2021 16:38

Tgt Ion:152 Resp: 126644
Ion Ratio Lower Upper
152 100
115 58.4 29.4 88.3
150 159.9 0.0 349.8

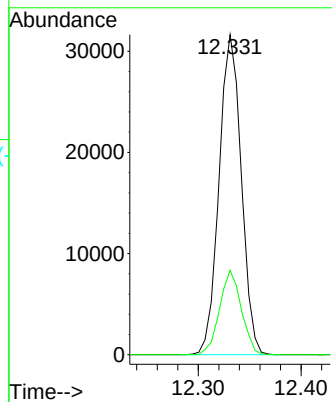
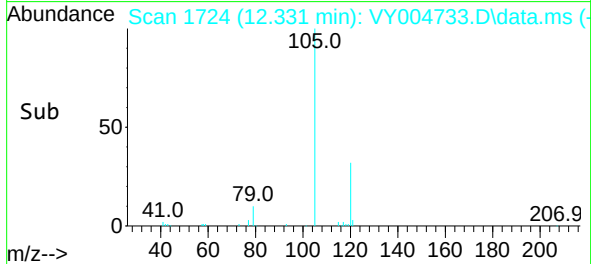




#73
Isopropylbenzene
Concen: 4.96 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY004733.D
Acq: 10 May 2021 16:38



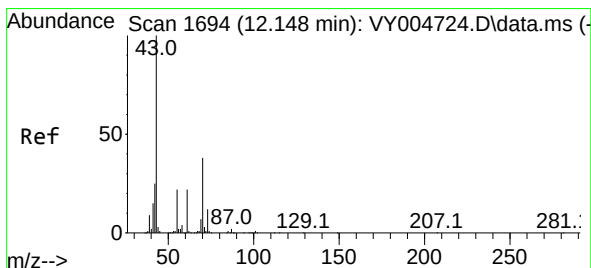
Tgt Ion: 105 Resp: 47394
Ion Ratio Lower Upper
105 100
120 25.8 13.1 39.1



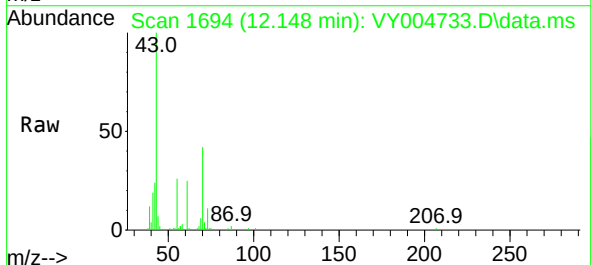
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2021

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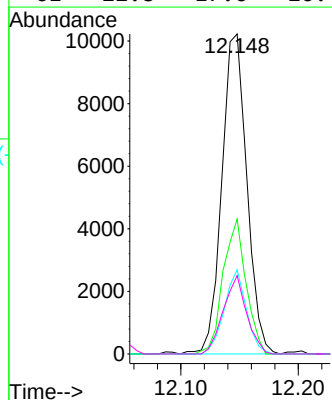
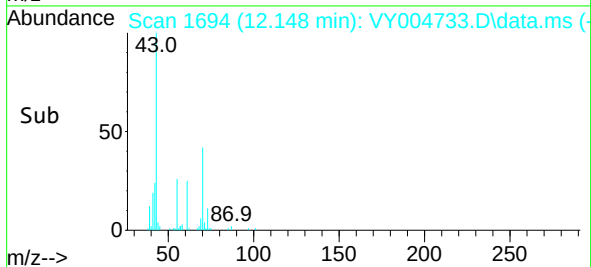
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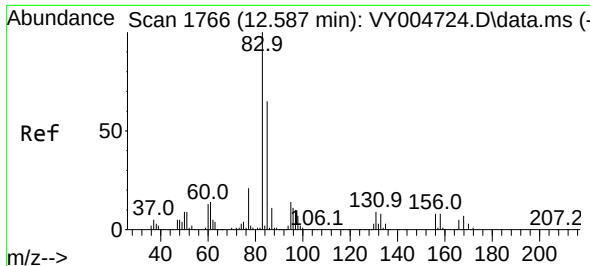


#74
N-ethyl acetate
Concen: 4.48 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VY004733.D
Acq: 10 May 2021 16:38



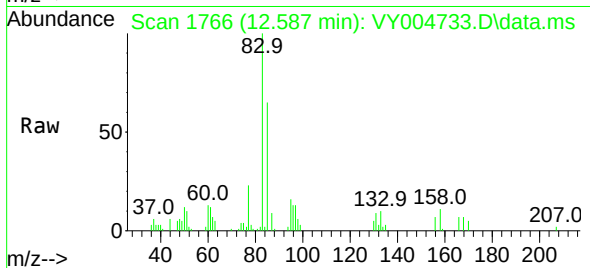
Tgt Ion: 43 Resp: 15125
Ion Ratio Lower Upper
43 100
70 38.7 30.2 45.2
55 23.3 17.8 26.8
61 22.8 17.6 26.4





#75
1,1,2,2-Tetrachloroethane
Concen: 5.10 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. 0.000 min
Lab File: VY004733.D
Acq: 10 May 2021 16:38

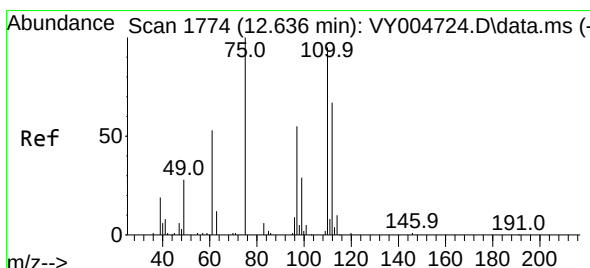
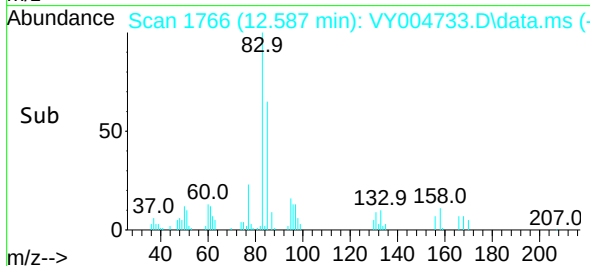
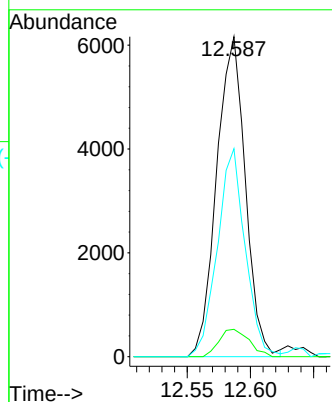
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2021



Tgt Ion	Ratio	Lower	Upper
83	100		
131	9.0	5.0	14.9
85	62.9	32.1	96.5

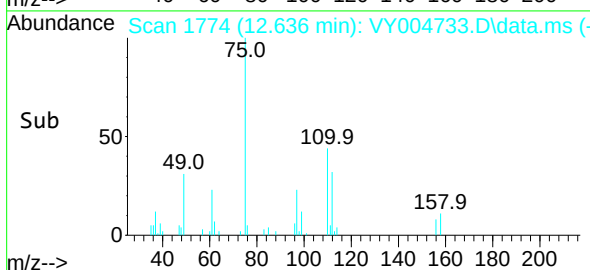
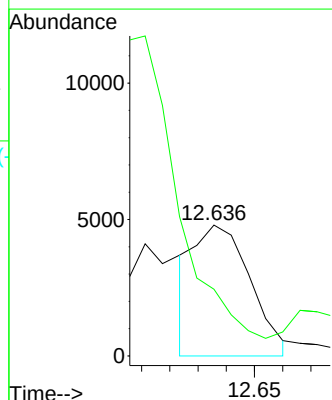
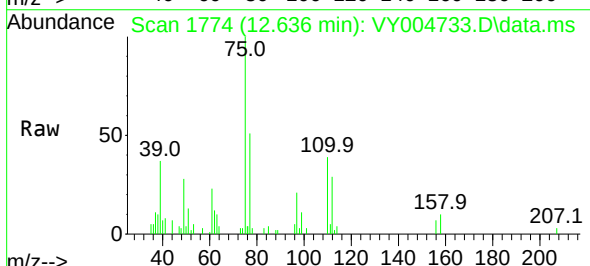
Manual Integrations
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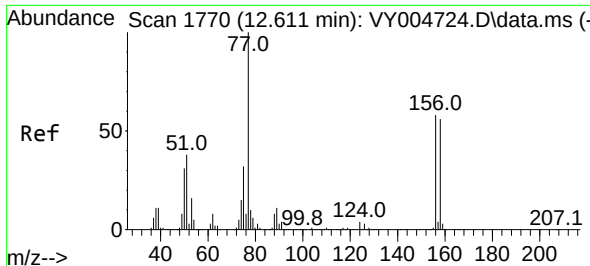
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#76
1,2,3-Trichloropropane
Concen: 4.96 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY004733.D
Acq: 10 May 2021 16:38

Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





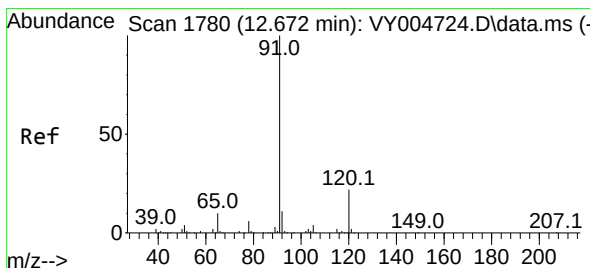
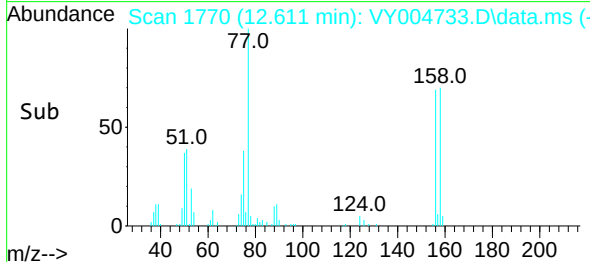
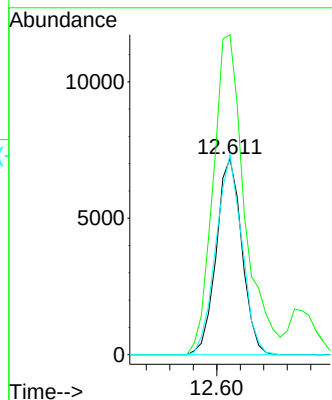
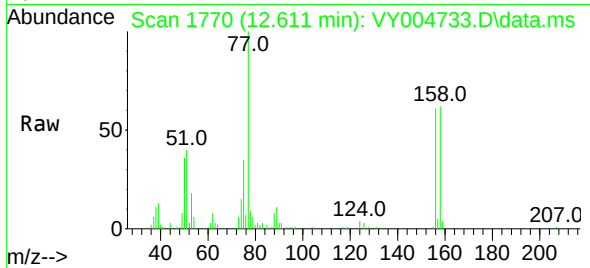
#77
Bromobenzene
Concen: 5.05 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY004733.D
Acq: 10 May 2021 16:38

Tgt Ion	Ratio	Lower	Upper
156	100		
77	200.2	100.6	301.9
158	103.5	48.8	146.3

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2021

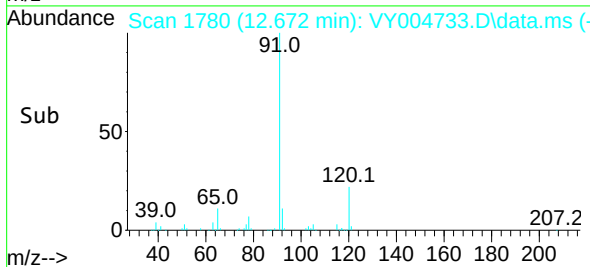
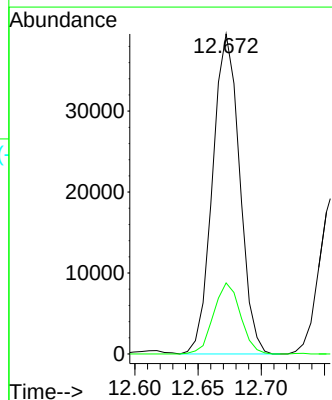
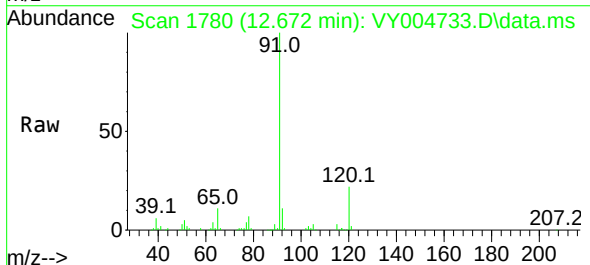
Manual Integrations
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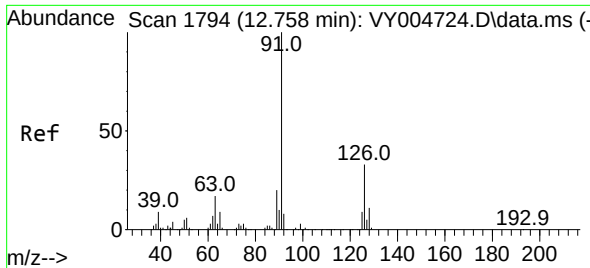
MMDadoda
5/11/2021 10:36:06 AM



#78
n-propylbenzene
Concen: 5.04 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY004733.D
Acq: 10 May 2021 16:38

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.0	11.1	33.3





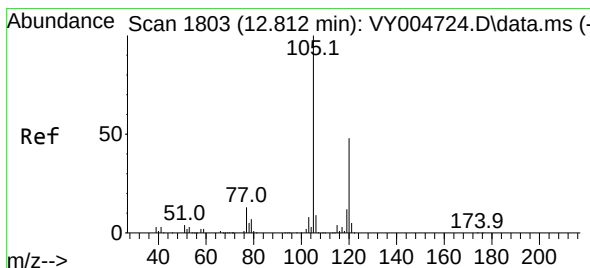
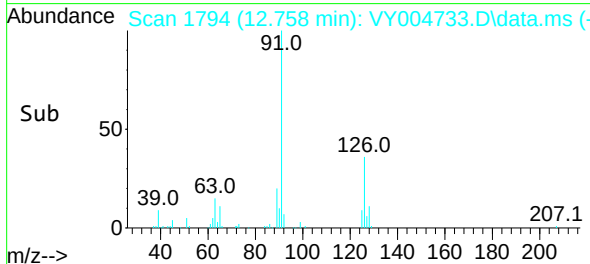
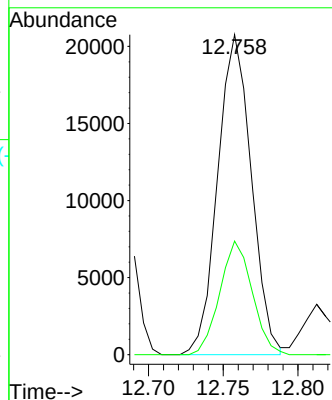
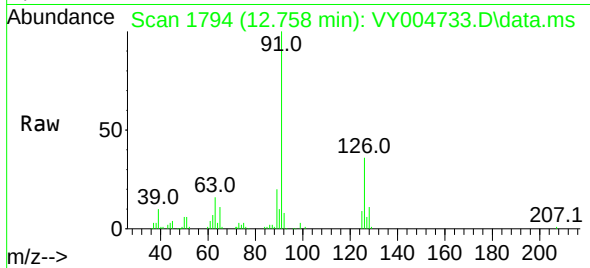
#79
2-Chlorotoluene
Concen: 5.07 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY004733.D
Acq: 10 May 2021 16:38

Tgt Ion: 91 Resp: 32450
Ion Ratio Lower Upper
91 100
126 34.3 16.8 50.3

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2021

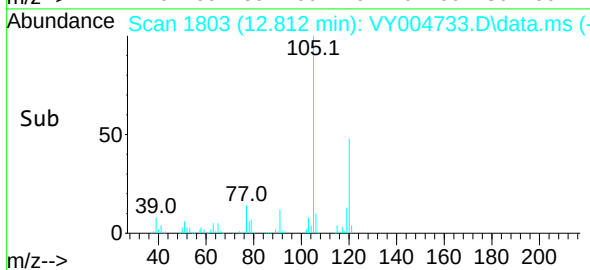
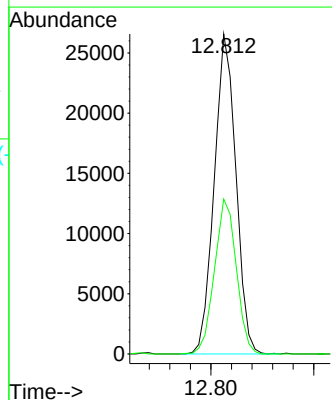
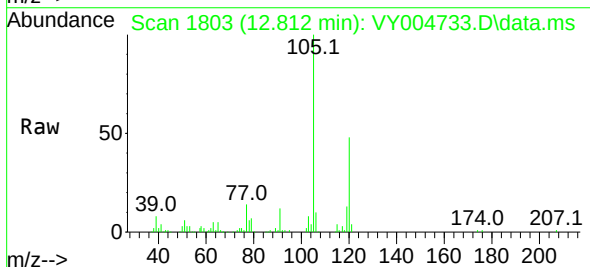
Manual Integrations
APPROVED

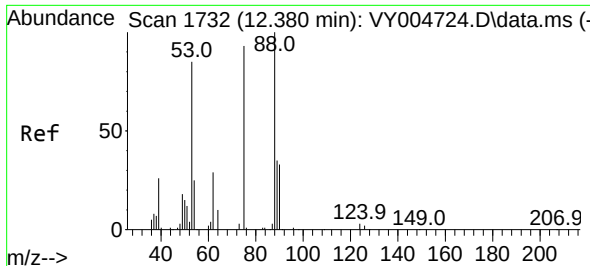
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#80
1,3,5-Trimethylbenzene
Concen: 4.89 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY004733.D
Acq: 10 May 2021 16:38

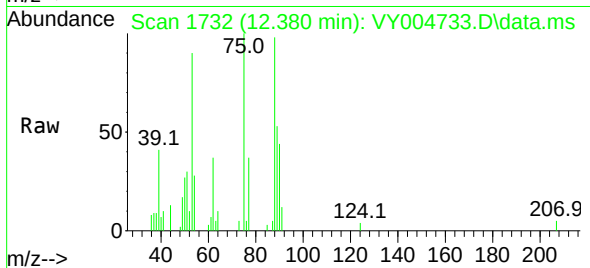
Tgt Ion: 105 Resp: 38828
Ion Ratio Lower Upper
105 100
120 48.7 24.0 72.0





#81
trans-1,4-Dichloro-2-butene
Concen: 4.84 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY004733.D
Acq: 10 May 2021 16:38

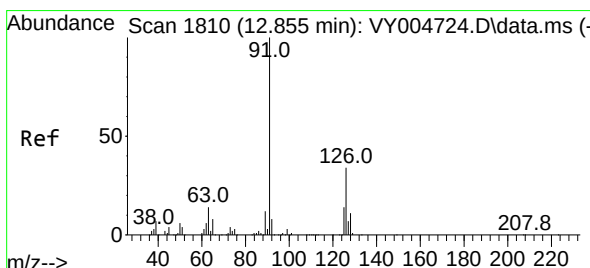
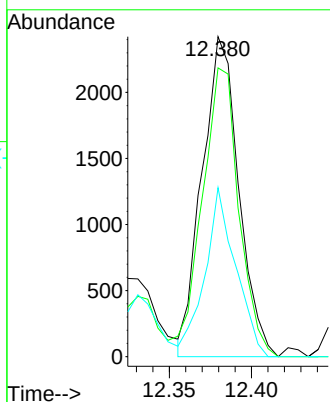
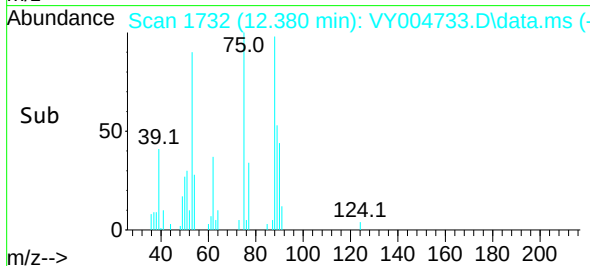
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2021



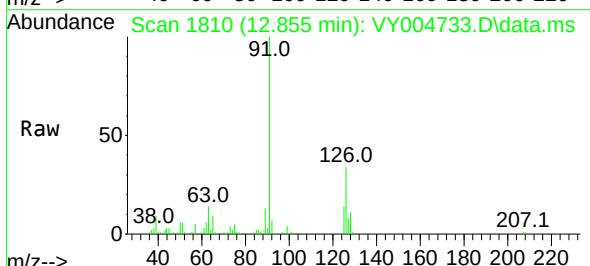
Tgt Ion	Ratio	Lower	Upper
75	100		
53	90.4	73.9	110.9
89	44.3	35.5	53.3

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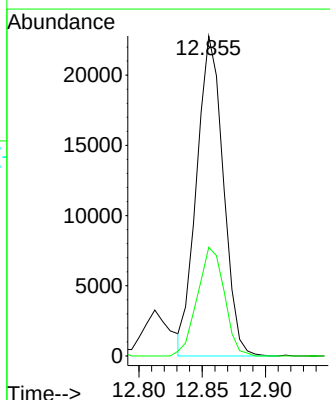
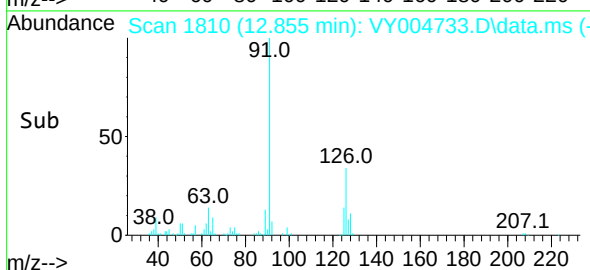
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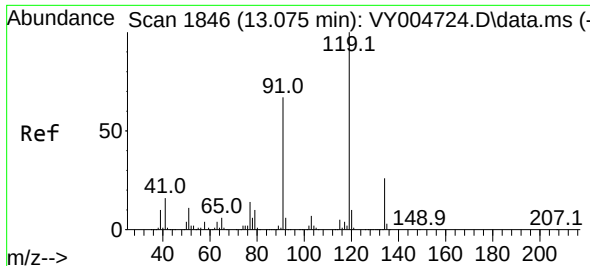


#82
4-Chlorotoluene
Concen: 5.02 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY004733.D
Acq: 10 May 2021 16:38



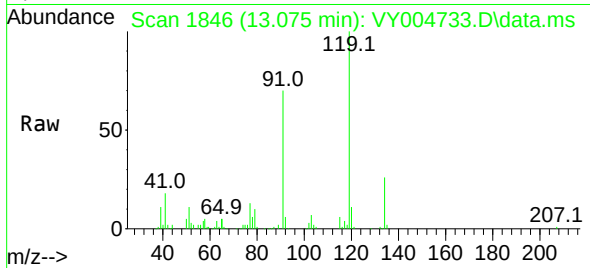
Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.4	16.8	50.3





#83
tert-Butylbenzene
Concen: 4.95 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY004733.D
Acq: 10 May 2021 16:38

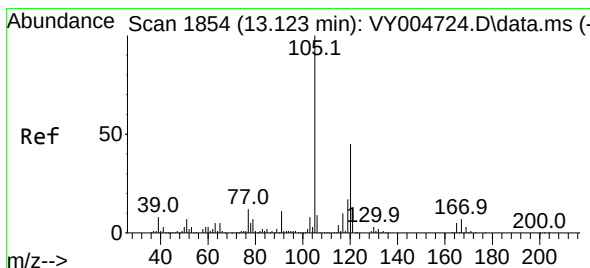
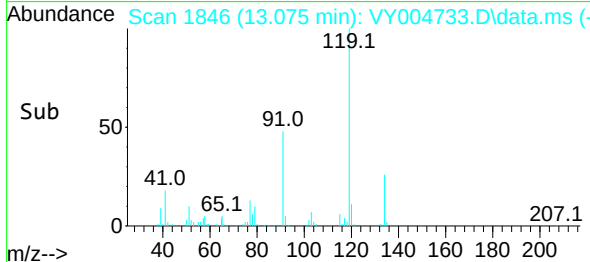
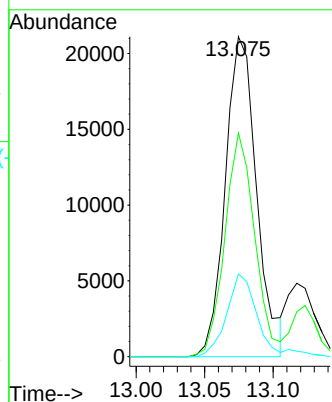
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2021



Tgt Ion:119 Resp: 33543
Ion Ratio Lower Upper
119 100
91 66.7 32.3 96.8
134 25.7 12.9 38.7

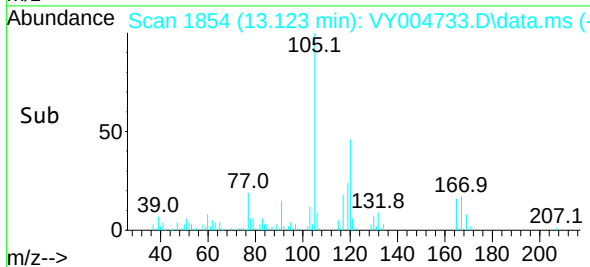
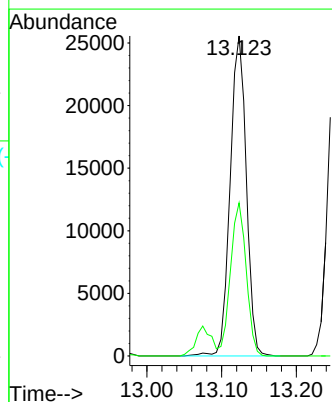
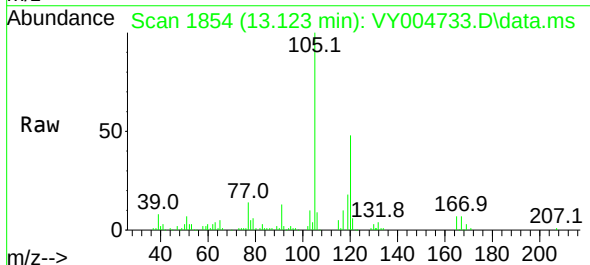
Manual Integrations
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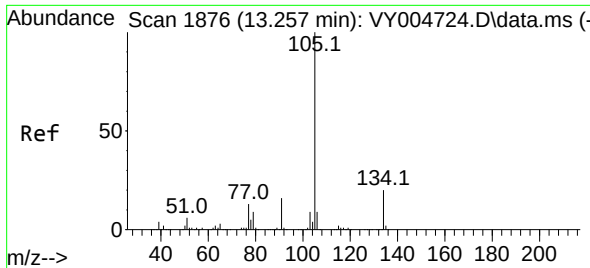
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#84
1,2,4-Trimethylbenzene
Concen: 4.84 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY004733.D
Acq: 10 May 2021 16:38

Tgt Ion:105 Resp: 38400
Ion Ratio Lower Upper
105 100
120 46.8 22.5 67.5





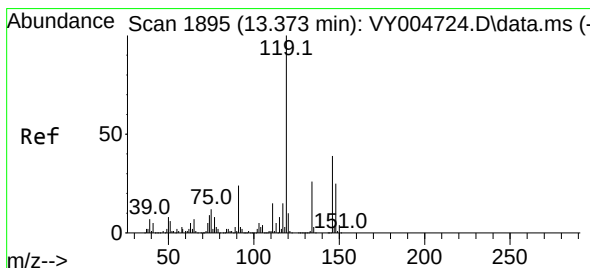
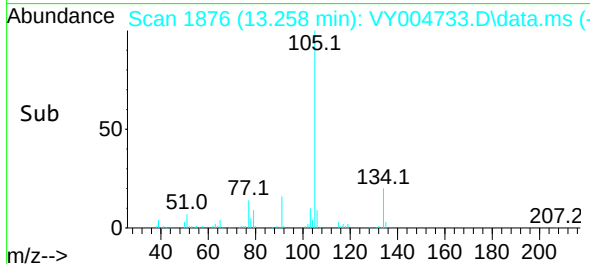
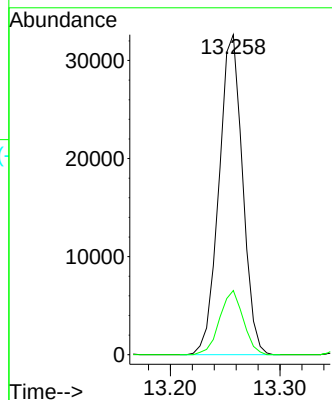
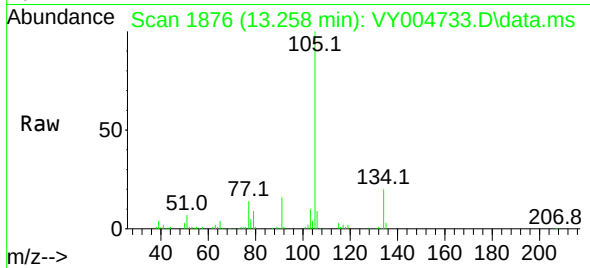
#85
 sec-Butylbenzene
 Concen: 4.96 ug/l
 RT: 13.258 min Scan# 1876
 Delta R.T. 0.000 min
 Lab File: VY004733.D
 Acq: 10 May 2021 16:38

Tgt Ion:105 Resp: 48839
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.0 29.8

Instrument :
 MSVOA_Y
 ClientSampleId :
 LOQ-SOIL-02-QT2-2021

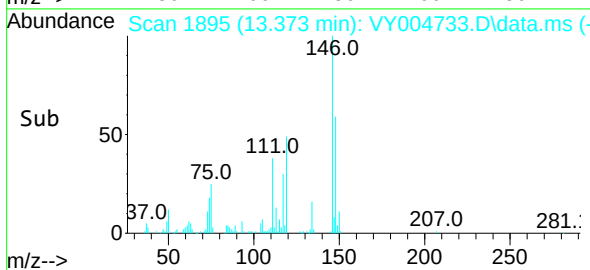
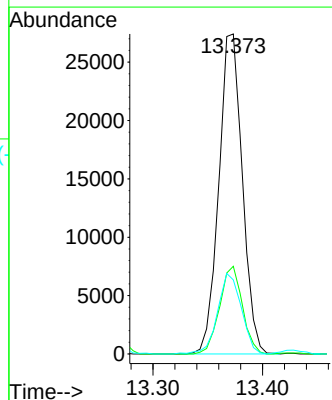
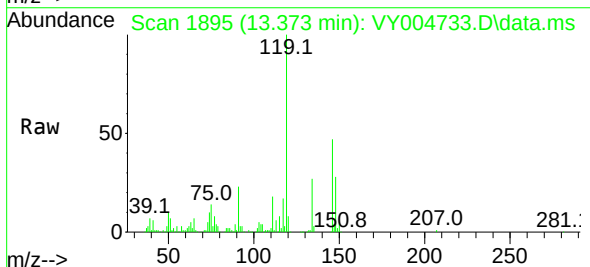
Manual Integrations
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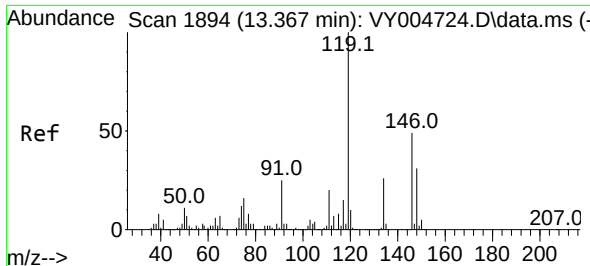
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#86
 p-Isopropyltoluene
 Concen: 4.79 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.000 min
 Lab File: VY004733.D
 Acq: 10 May 2021 16:38

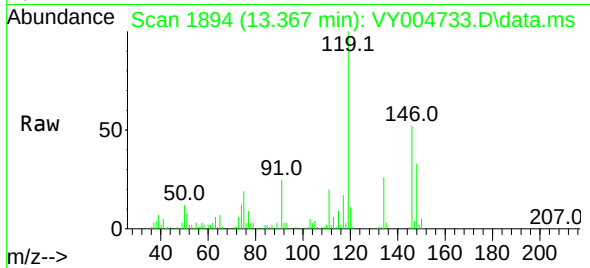
Tgt Ion:119 Resp: 40933
 Ion Ratio Lower Upper
 119 100
 134 26.5 12.9 38.7
 91 25.3 12.0 36.1





#87
1,3-Dichlorobenzene
Concen: 5.04 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY004733.D
Acq: 10 May 2021 16:38

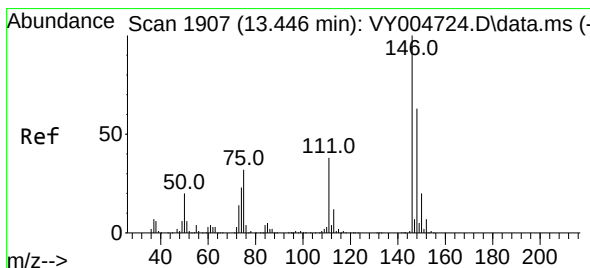
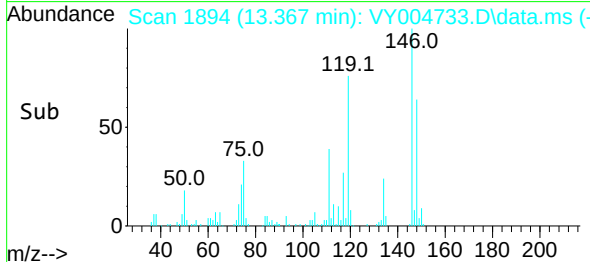
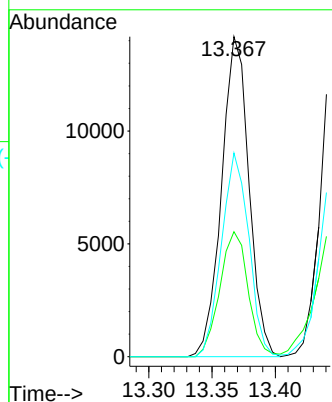
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2021



Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.3	60.9
148	63.5	31.9	95.7

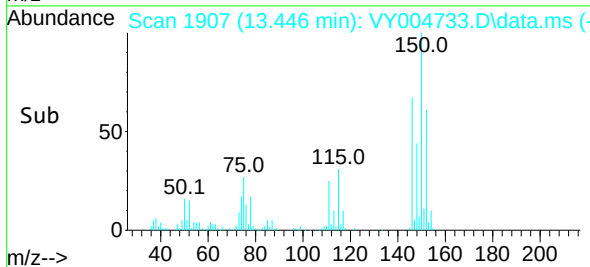
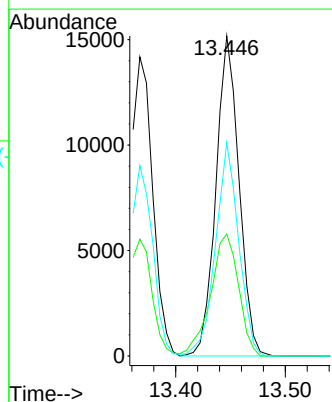
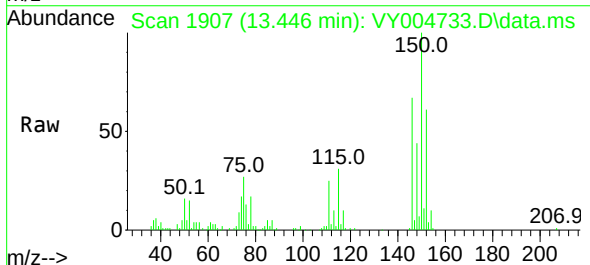
Manual Integrations
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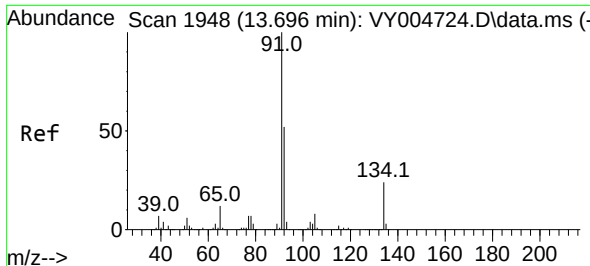
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5/11/2021 10:36:06 AM



#88
1,4-Dichlorobenzene
Concen: 5.32 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY004733.D
Acq: 10 May 2021 16:38

Tgt Ion	Ratio	Lower	Upper
146	100		
111	46.2	19.6	58.8
148	67.0	31.9	95.5





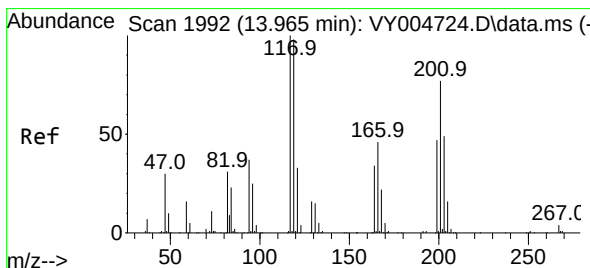
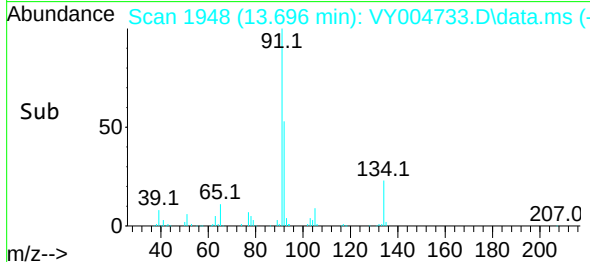
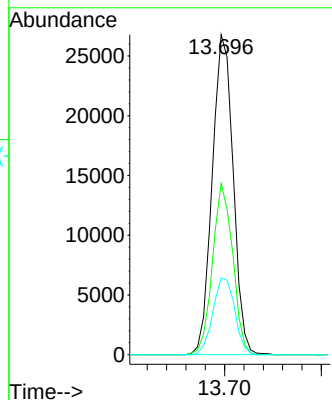
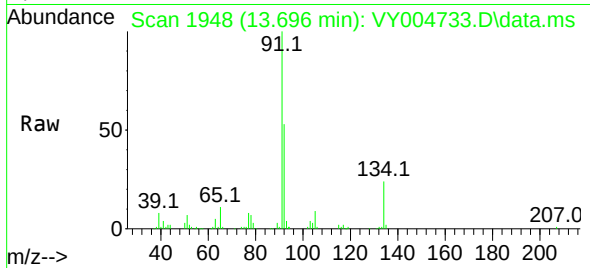
#89
n-Butylbenzene
Concen: 4.83 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY004733.D
Acq: 10 May 2021 16:38

Tgt Ion:	91	Resp:	40271
Ion	Ratio	Lower	Upper
91	100		
92	51.5	26.4	79.0
134	25.0	12.6	37.6

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2021

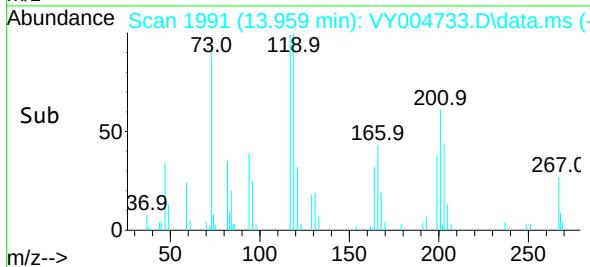
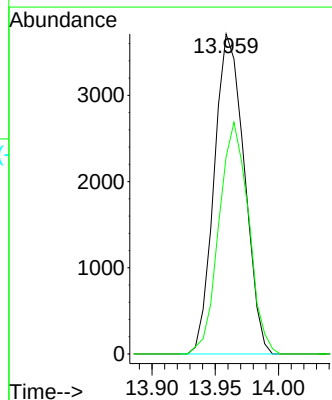
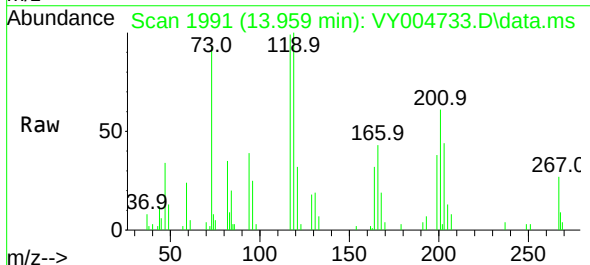
Manual Integrations
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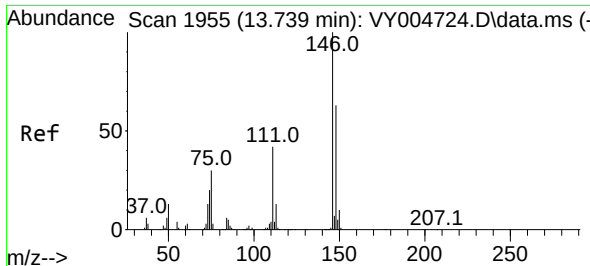
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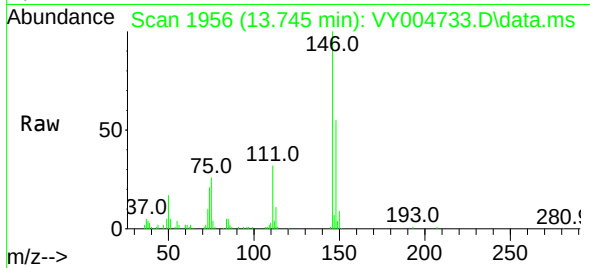
#90
Hexachloroethane
Concen: 5.10 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.006 min
Lab File: VY004733.D
Acq: 10 May 2021 16:38

Tgt Ion:	117	Resp:	6128
Ion	Ratio	Lower	Upper
117	100		
201	71.5	35.9	107.8





#91
1,2-Dichlorobenzene
Concen: 5.30 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. 0.006 min
Lab File: VY004733.D
Acq: 10 May 2021 16:38

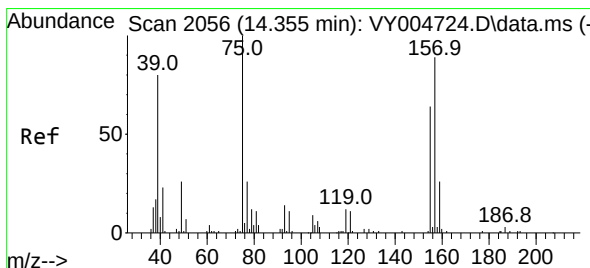
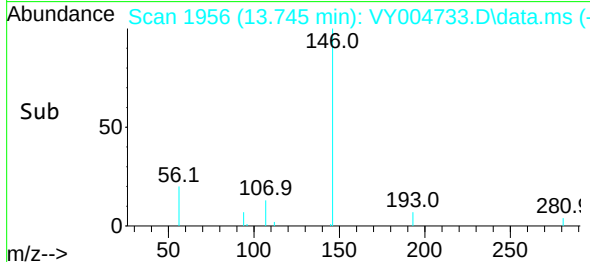
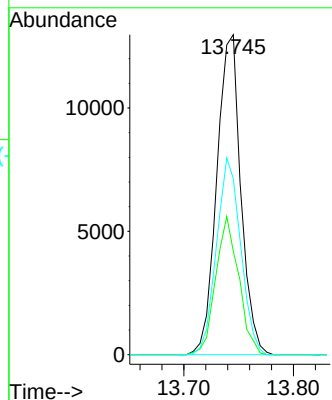


Tgt Ion: 146 Resp: 19785
Ion Ratio Lower Upper
146 100
111 41.3 20.9 62.7
148 61.8 31.8 95.3

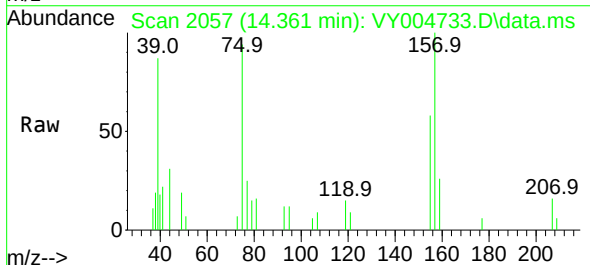
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2021

Manual Integrations
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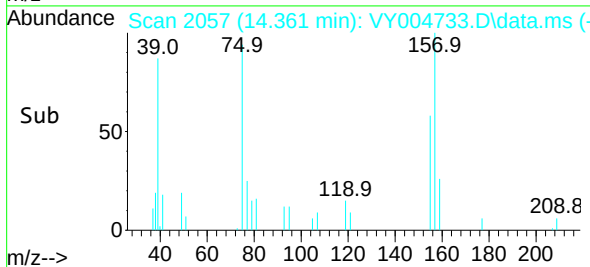
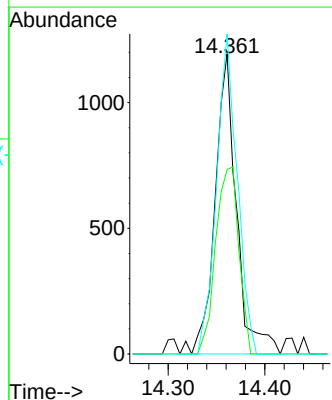
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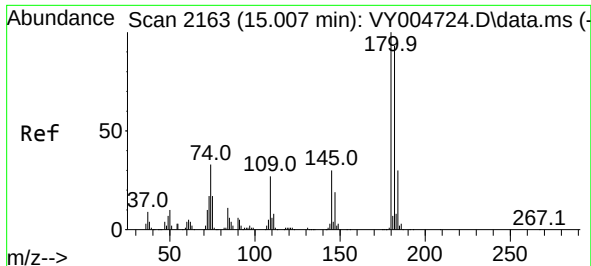


#92
1,2-Dibromo-3-Chloropropane
Concen: 5.17 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY004733.D
Acq: 10 May 2021 16:38



Tgt Ion: 75 Resp: 1842
Ion Ratio Lower Upper
75 100
155 66.9 39.0 117.0
157 102.9 50.2 150.7





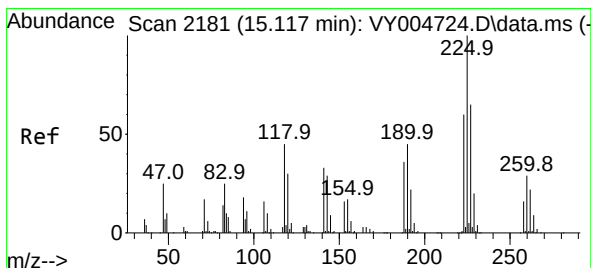
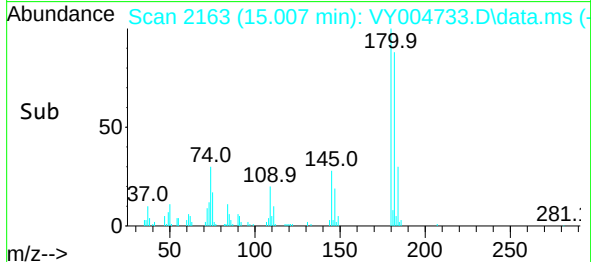
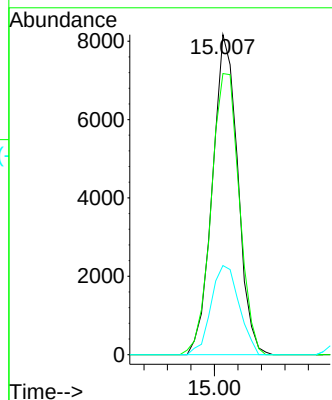
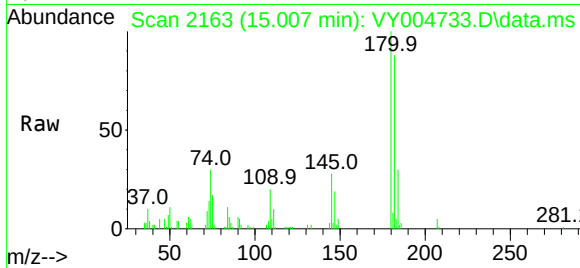
#93
1,2,4-Trichlorobenzene
Concen: 5.08 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY004733.D
Acq: 10 May 2021 16:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.2	46.9	140.8
145	31.0	15.4	46.4

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2021

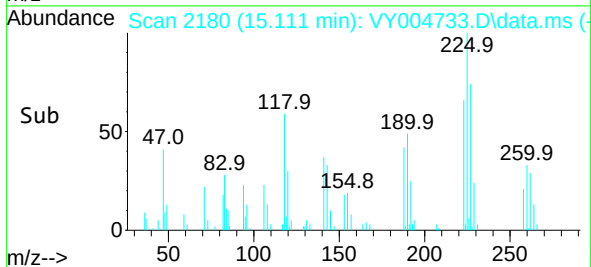
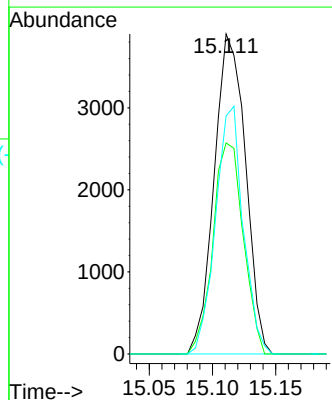
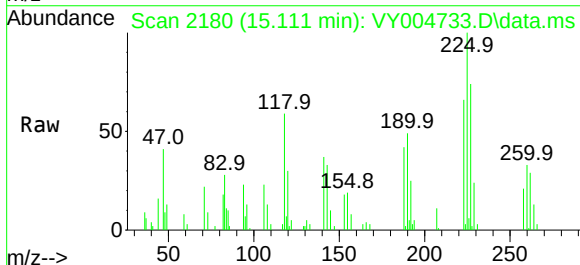
Manual Integrations
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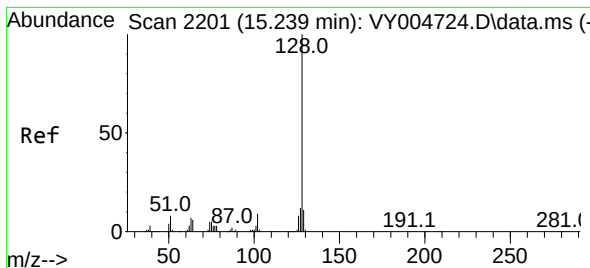
MMDadoda
5/11/2021 10:36:06 AM



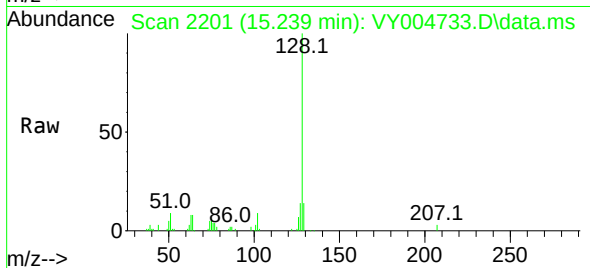
#94
Hexachlorobutadiene
Concen: 5.15 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.006 min
Lab File: VY004733.D
Acq: 10 May 2021 16:38

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	31.1	93.3
227	68.3	31.3	93.9

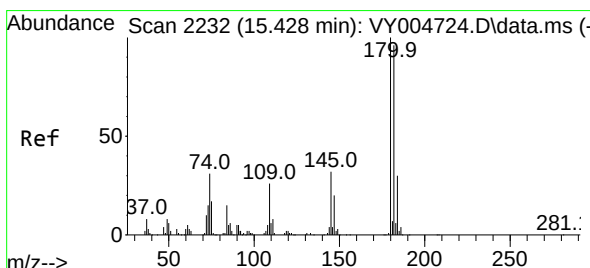
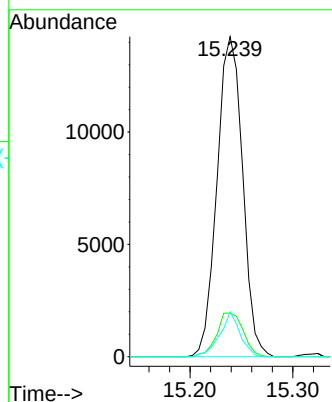
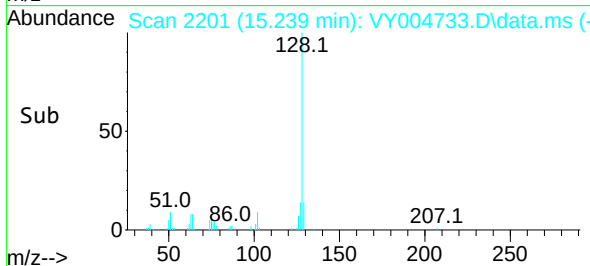




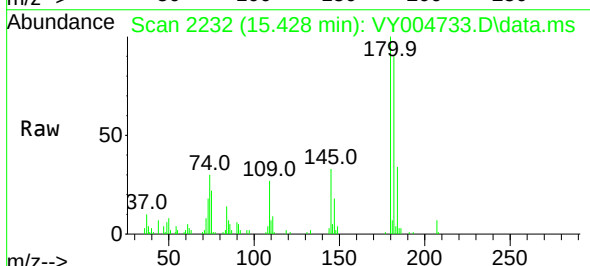
#95
Naphthalene
Concen: 4.72 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY004733.D
Acq: 10 May 2021 16:38



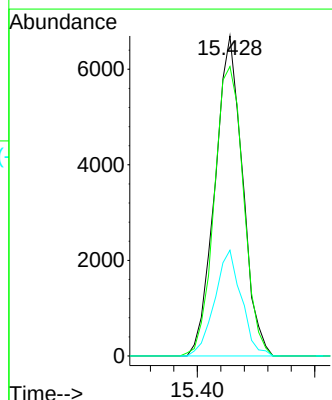
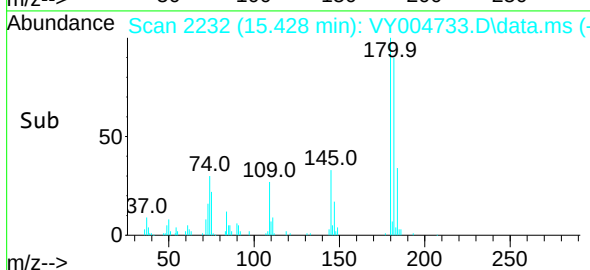
Tgt Ion:128 Resp: 24565
Ion Ratio Lower Upper
128 100
127 14.2 10.2 15.2
129 11.1 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 5.15 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.000 min
Lab File: VY004733.D
Acq: 10 May 2021 16:38



Tgt Ion:180 Resp: 10950
Ion Ratio Lower Upper
180 100
182 95.5 47.9 143.7
145 32.0 16.3 48.8



Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2021

Manual Integrations
APPROVED

MMDadoda
5/11/2021 10:36:06 AM