

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070921\
 Data File : VY005403.D
 Acq On : 09 Jul 2021 17:12
 Operator : SY/MD
 Sample : M2940-02 5.0PPB
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LOQ-SOIL-02-QT3-2021

Manual Integrations
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Quant Time: Jul 10 08:13:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070921S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 10 08:11:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	310451	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	459960	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	414942	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	215956	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	152972	52.595	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.200%			
35) Dibromofluoromethane	7.722	113	137438	50.914	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.820%			
50) Toluene-d8	10.179	98	573283	49.894	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.780%			
62) 4-Bromofluorobenzene	12.483	95	190967	49.303	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 98.600%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	15063	5.446	ug/l	97
3) Chloromethane	2.113	50	15345	5.453	ug/l	100
4) Vinyl Chloride	2.253	62	19099	5.487	ug/l	97
5) Bromomethane	2.643	94	16351	6.313	ug/l	95
6) Chloroethane	2.796	64	11756	5.385	ug/l	92
7) Trichlorofluoromethane	3.125	101	27709	5.406	ug/l	97
8) Diethyl Ether	3.540	74	9305	5.235	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.905	101	15112	5.244	ug/l	99
10) Methyl Iodide	4.101	142	14857	4.236	ug/l	98
11) Tert butyl alcohol	4.966	59	12229	29.431	ug/l #	86
12) 1,1-Dichloroethene	3.875	96	15582	5.265	ug/l	98
13) Acrolein	3.735	56	7002	32.143	ug/l	99
14) Allyl chloride	4.485	41	22493	5.463	ug/l	99
15) Acrylonitrile	5.180	53	21889	27.058	ug/l	100
16) Acetone	3.960	43	18516	29.733	ug/l	100
17) Carbon Disulfide	4.198	76	49145	5.319	ug/l	98
18) Methyl Acetate	4.491	43	10653	6.173	ug/l	97
19) Methyl tert-butyl Ether	5.228	73	42307	5.282	ug/l	98
20) Methylene Chloride	4.722	84	43377	10.056	ug/l	98
21) trans-1,2-Dichloroethene	5.228	96	17539	5.318	ug/l	95
22) Diisopropyl ether	6.131	45	44207	5.390	ug/l	96
23) Vinyl Acetate	6.070	43	142333	26.226	ug/l	100
24) 1,1-Dichloroethane	6.027	63	28097	5.427	ug/l	98
25) 2-Butanone	7.002	43	25766	26.258	ug/l	94
26) 2,2-Dichloropropane	6.990	77	26231	5.460	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	19279	5.278	ug/l	100
28) Bromochloromethane	7.338	49	11471	5.903	ug/l	92
29) Tetrahydrofuran	7.356	42	17021	26.149	ug/l	98
30) Chloroform	7.515	83	30371	5.473	ug/l	97
31) Cyclohexane	7.789	56	30272	5.873	ug/l #	79
32) 1,1,1-Trichloroethane	7.710	97	27123	5.279	ug/l	98
36) 1,1-Dichloropropene	7.923	75	22849	5.088	ug/l	97
37) Ethyl Acetate	7.082	43	12088	5.354	ug/l	98
38) Carbon Tetrachloride	7.905	117	25159	5.012	ug/l	95
39) Methylcyclohexane	9.185	83	28900	4.891	ug/l	91
40) Benzene	8.167	78	68412	5.198	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	6458	5.015	ug/l #	100
42) 1,2-Dichloroethane	8.246	62	20355	5.355	ug/l	98
43) Isopropyl Acetate	8.283	43	21669	5.232	ug/l	99
44) Trichloroethene	8.947	130	19696	5.085	ug/l	94
45) 1,2-Dichloropropane	9.222	63	16200	5.269	ug/l	99
46) Dibromomethane	9.307	93	9152	5.080	ug/l	100
47) Bromodichloromethane	9.502	83	22110	5.068	ug/l	99
48) Methyl methacrylate	9.295	41	9693	5.063	ug/l	97
49) 1,4-Dioxane	9.301	88	2791	96.686	ug/l #	89
51) 4-Methyl-2-Pentanone	10.075	43	56051	24.491	ug/l	100
52) Toluene	10.246	92	43871	5.064	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	23967	4.919	ug/l	95
54) cis-1,3-Dichloropropene	9.929	75	27149	5.055	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	13479	5.042	ug/l	99
56) Ethyl methacrylate	10.514	69	17997	4.843	ug/l	99
57) 1,3-Dichloropropane	10.794	76	23021	5.101	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	45032	28.346	ug/l	99
59) 2-Hexanone	10.837	43	38790	24.268	ug/l	99
60) Dibromochloromethane	10.983	129	16698	4.999	ug/l	97
61) 1,2-Dibromoethane	11.087	107	12718	4.944	ug/l	96
64) Tetrachloroethene	10.721	164	18017	4.801	ug/l	97
65) Chlorobenzene	11.520	112	47668	5.162	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	17373	5.059	ug/l	99
67) Ethyl Benzene	11.593	91	80552	4.978	ug/l	100
68) m/p-Xylenes	11.703	106	64301	9.932	ug/l	99
69) o-Xylene	12.032	106	30141	4.894	ug/l	99
70) Styrene	12.044	104	50601	4.848	ug/l	100
71) Bromoform	12.209	173	11605	5.112	ug/l #	97
73) Isopropylbenzene	12.331	105	78425	4.990	ug/l	100
74) N-amyl acetate	12.142	43	18640	5.005	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	15625	5.357	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	10754m	5.149	ug/l	
77) Bromobenzene	12.611	156	20473	5.164	ug/l	96
78) n-propylbenzene	12.672	91	93936	5.078	ug/l	99
79) 2-Chlorotoluene	12.757	91	52793	5.079	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	66488	5.071	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	5780	5.145	ug/l	99
82) 4-Chlorotoluene	12.855	91	57035	5.279	ug/l	97
83) tert-Butylbenzene	13.075	119	57274	4.914	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	64593	4.931	ug/l	99
85) sec-Butylbenzene	13.251	105	84494	4.961	ug/l	99
86) p-Isopropyltoluene	13.373	119	72726	4.918	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	39979	5.086	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	41274	5.312	ug/l	97
89) n-Butylbenzene	13.696	91	64950	4.956	ug/l	98
90) Hexachloroethane	13.965	117	13113	4.953	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	35923	5.170	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	3060	5.547	ug/l	90
93) 1,2,4-Trichlorobenzene	15.007	180	23946	5.024	ug/l	99
94) Hexachlorobutadiene	15.111	225	14708	4.940	ug/l	99
95) Naphthalene	15.239	128	43847	4.663	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	20560	4.882	ug/l	99

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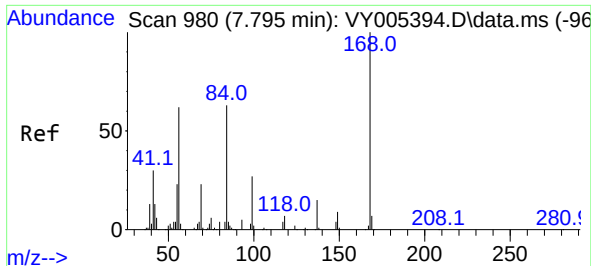
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



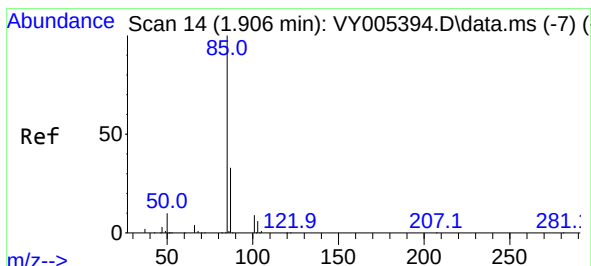
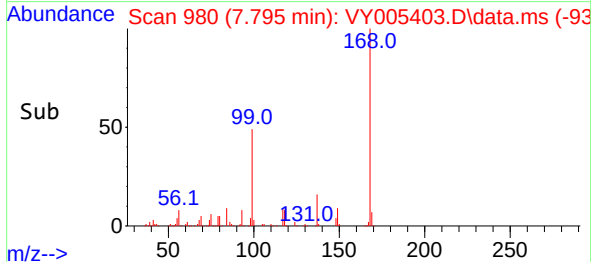
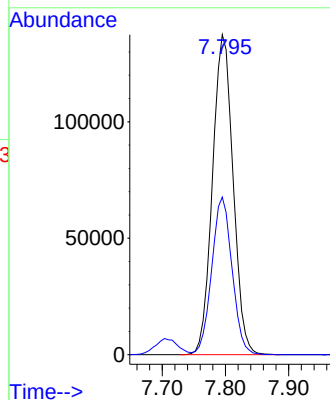
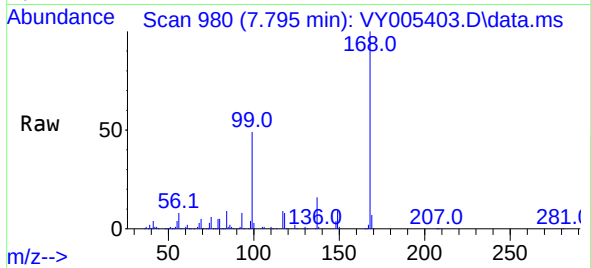
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005403.D
Acq: 09 Jul 2021 17:12

Tgt Ion: 168 Resp: 310451
Ion Ratio Lower Upper
168 100
99 49.3 37.4 56.2

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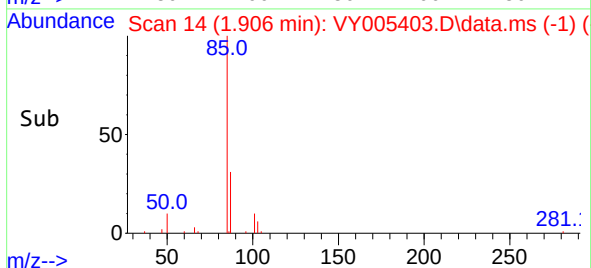
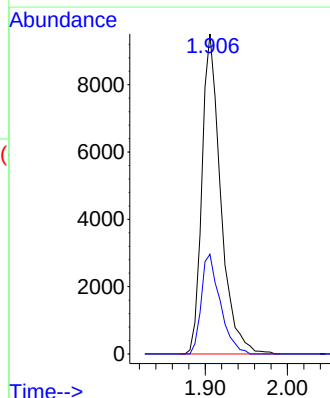
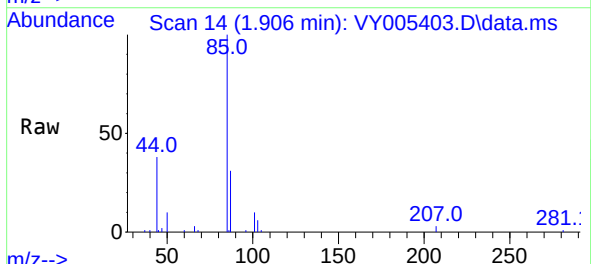
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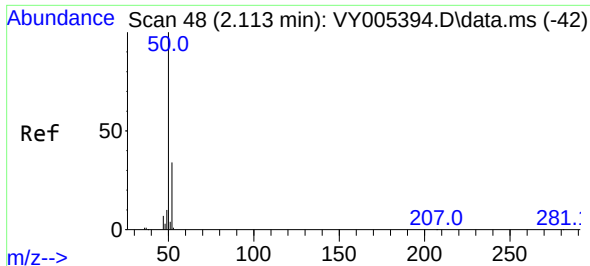
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#2
Dichlorodifluoromethane
Concen: 5.446 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY005403.D
Acq: 09 Jul 2021 17:12

Tgt Ion: 85 Resp: 15063
Ion Ratio Lower Upper
85 100
87 31.1 16.5 49.5





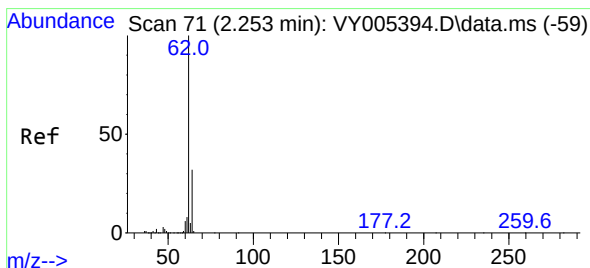
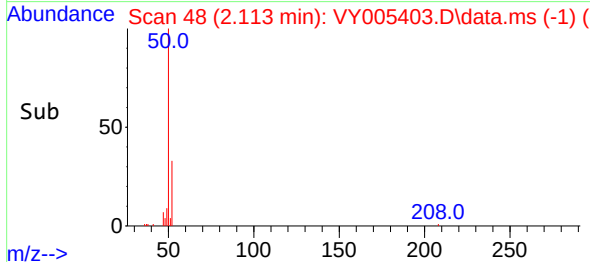
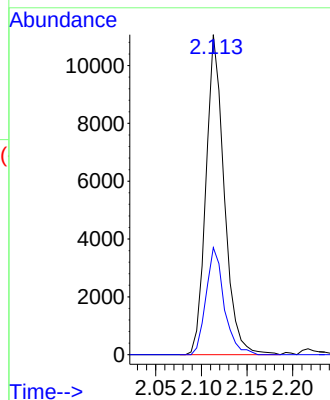
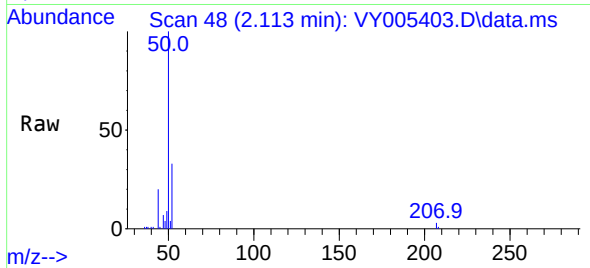
#3
Chloromethane
Concen: 5.453 ug/l
RT: 2.113 min Scan# 48
Delta R.T. -0.000 min
Lab File: VY005403.D
Acq: 09 Jul 2021 17:12

Tgt Ion: 50 Resp: 15345
Ion Ratio Lower Upper
50 100
52 33.5 26.8 40.2

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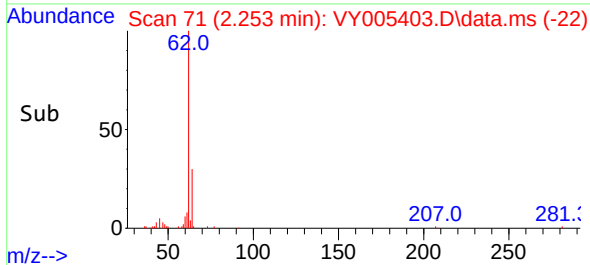
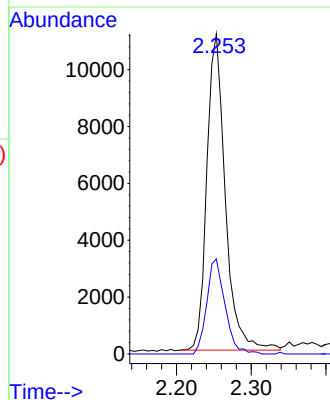
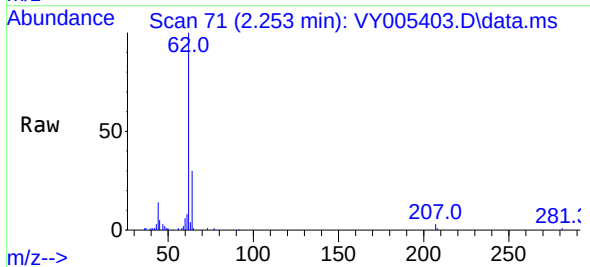
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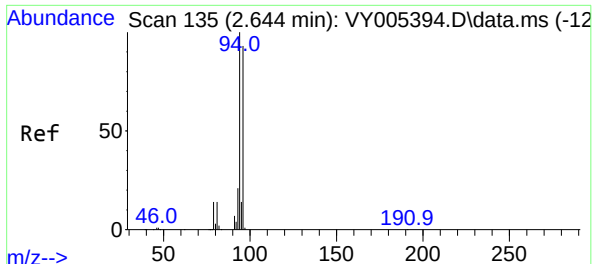
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#4
Vinyl Chloride
Concen: 5.487 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.000 min
Lab File: VY005403.D
Acq: 09 Jul 2021 17:12

Tgt Ion: 62 Resp: 19099
Ion Ratio Lower Upper
62 100
64 30.0 25.4 38.2





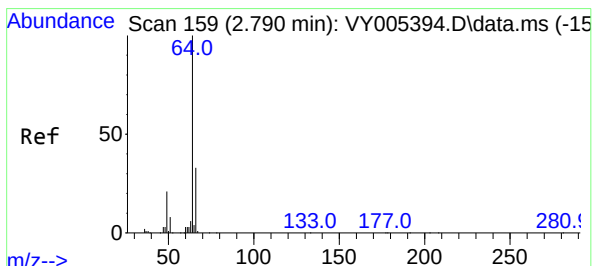
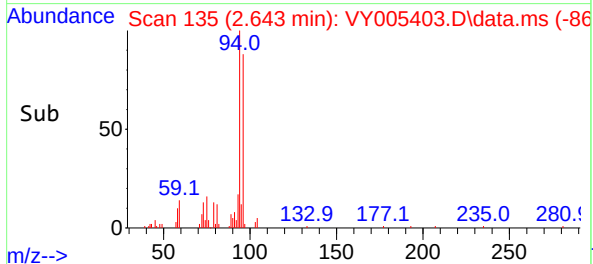
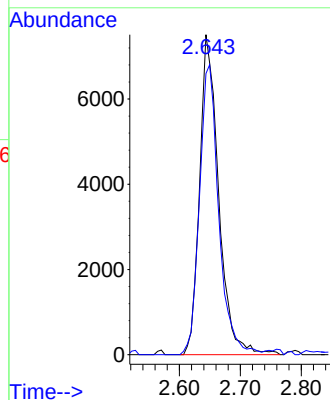
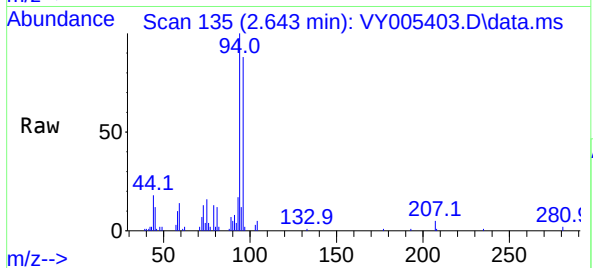
#5
Bromomethane
Concen: 6.313 ug/l
RT: 2.643 min Scan# 135
Delta R.T. -0.000 min
Lab File: VY005403.D
Acq: 09 Jul 2021 17:12

Tgt Ion: 94 Resp: 16351
Ion Ratio Lower Upper
94 100
96 87.8 74.5 111.7

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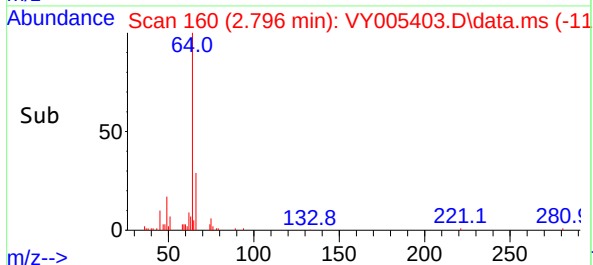
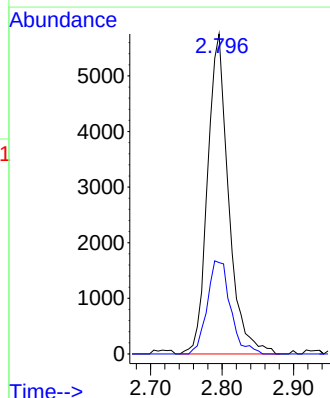
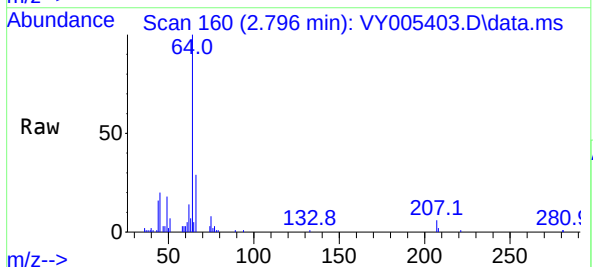
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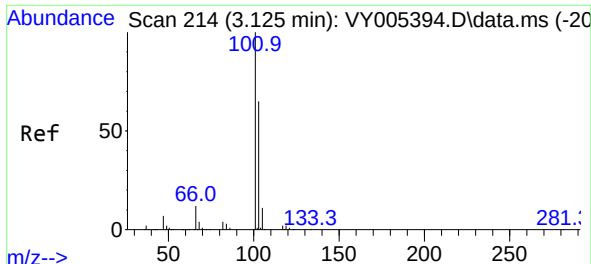
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#6
Chloroethane
Concen: 5.385 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.006 min
Lab File: VY005403.D
Acq: 09 Jul 2021 17:12

Tgt Ion: 64 Resp: 11756
Ion Ratio Lower Upper
64 100
66 28.5 26.5 39.7





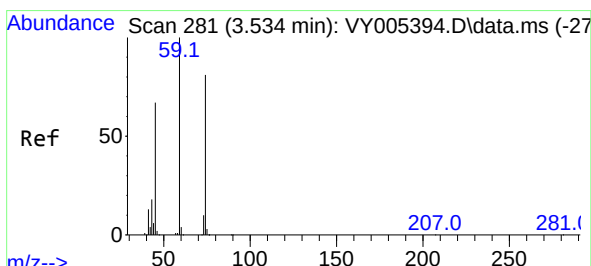
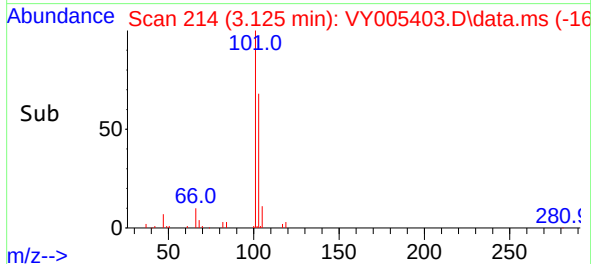
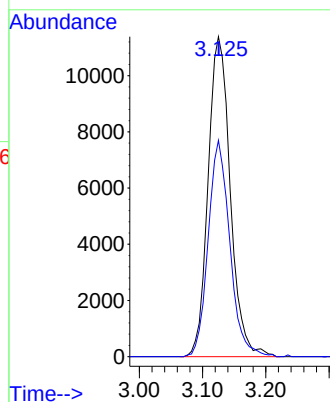
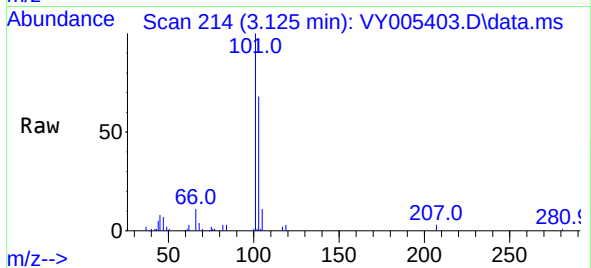
#7
Trichlorofluoromethane
Concen: 5.406 ug/l
RT: 3.125 min Scan# 214
Delta R.T. -0.000 min
Lab File: VY005403.D
Acq: 09 Jul 2021 17:12

Tgt Ion:101 Resp: 27709
Ion Ratio Lower Upper
101 100
103 67.6 52.1 78.1

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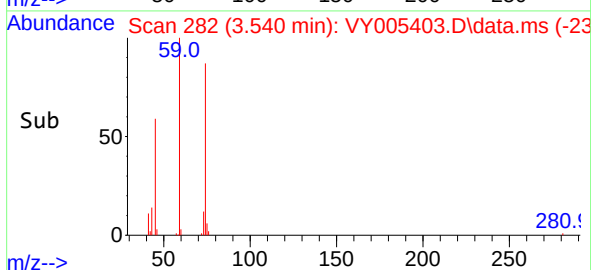
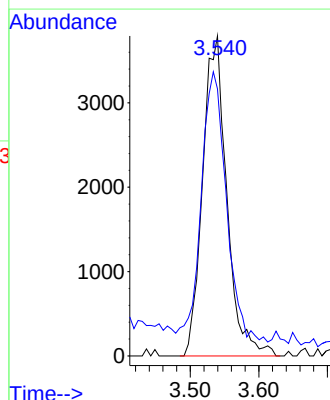
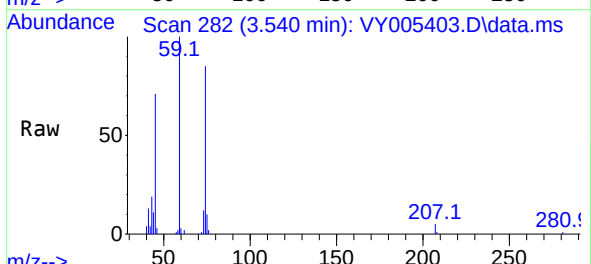
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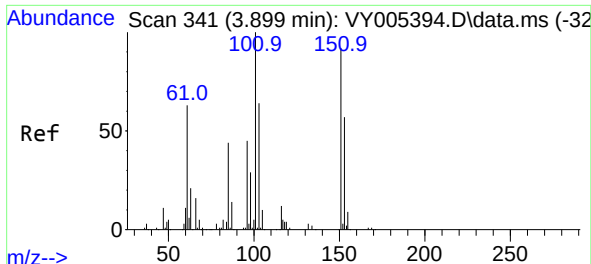
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#8
Diethyl Ether
Concen: 5.235 ug/l
RT: 3.540 min Scan# 282
Delta R.T. 0.006 min
Lab File: VY005403.D
Acq: 09 Jul 2021 17:12

Tgt Ion: 74 Resp: 9305
Ion Ratio Lower Upper
74 100
45 88.1 41.1 123.4





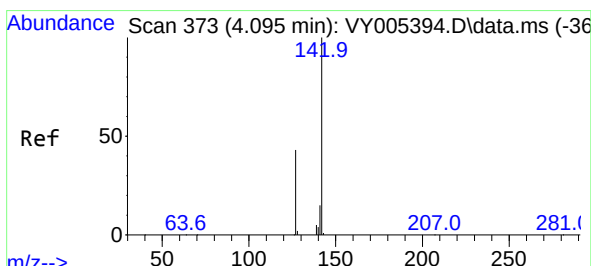
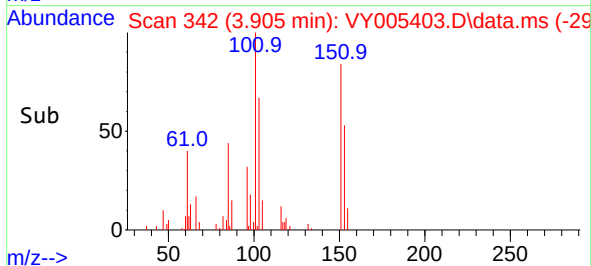
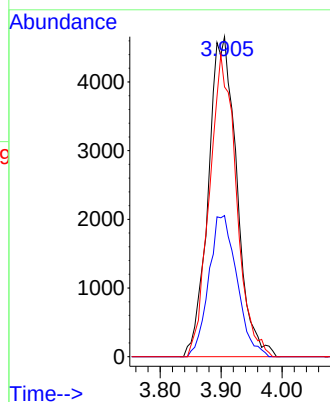
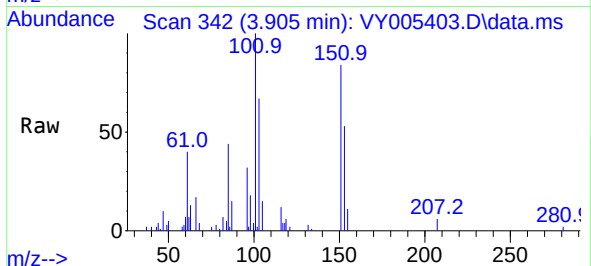
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1,1,2-Trichlorotrifluoroethane
Concen: 5.244 ug/l
RT: 3.905 min Scan# 342
Delta R.T. 0.006 min
Lab File: VY005403.D
Acq: 09 Jul 2021 17:12

Tgt Ion:101 Resp: 15112
Ion Ratio Lower Upper
101 100
85 43.6 34.4 51.6
151 89.2 71.6 107.4

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ClientSampleId :
LOQ-SOIL-02-QT3-2021

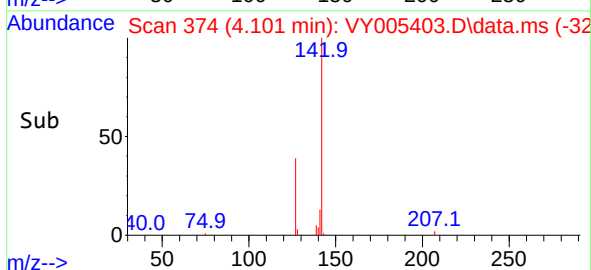
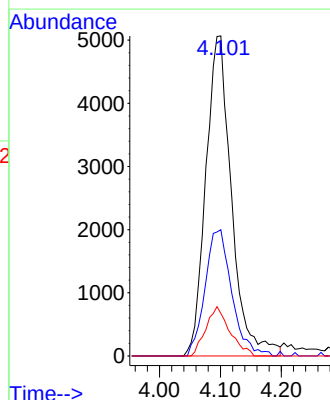
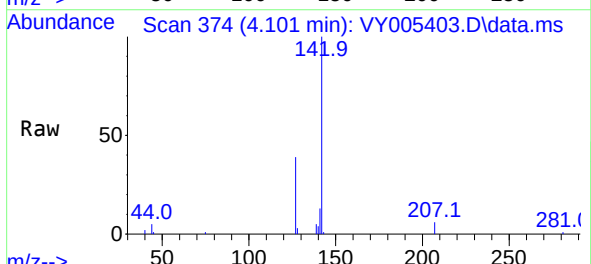
Manual Integrations
APPROVED

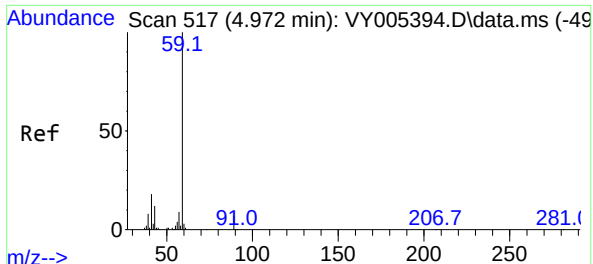
MMDadoda
7/12/2021 5:46:46 PM



#10
Methyl Iodide
Concen: 4.236 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.006 min
Lab File: VY005403.D
Acq: 09 Jul 2021 17:12

Tgt Ion:142 Resp: 14857
Ion Ratio Lower Upper
142 100
127 41.0 34.3 51.5
141 14.3 11.5 17.3





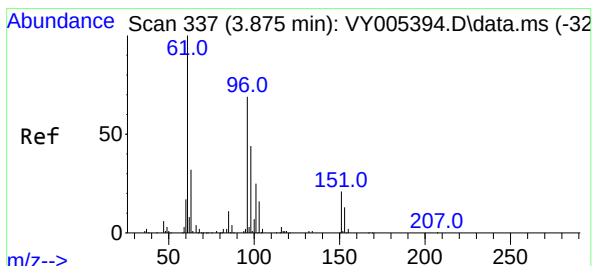
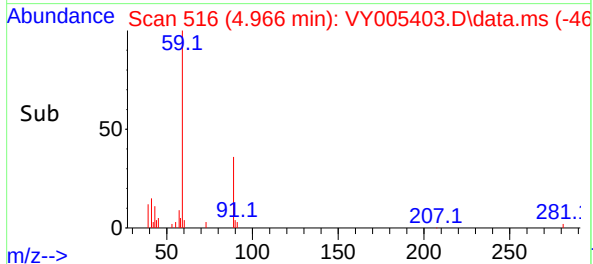
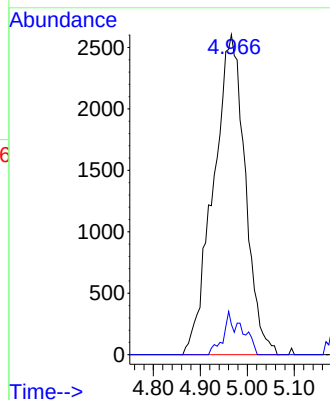
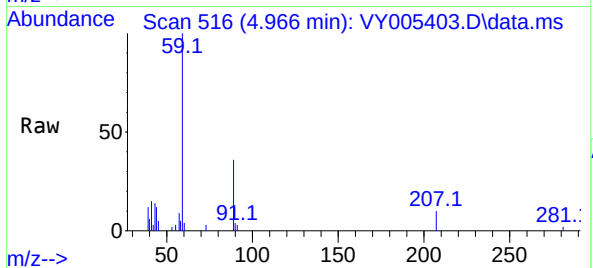
#11
Tert butyl alcohol
Concen: 29.431 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.006 min
Lab File: VY005403.D
Acq: 09 Jul 2021 17:12

Tgt Ion: 59 Resp: 12229
Ion Ratio Lower Upper
59 100
57 4.2 7.5 11.3#

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2021

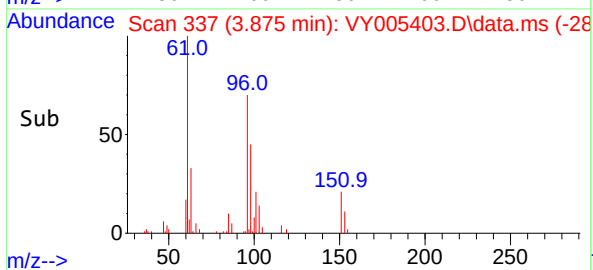
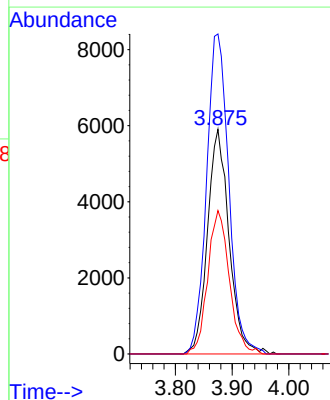
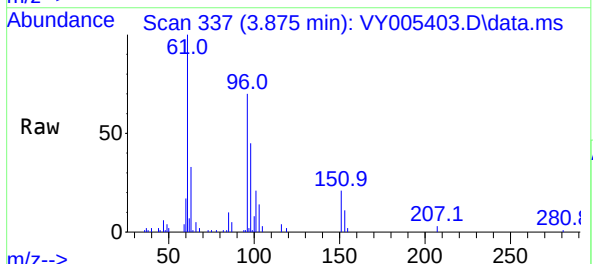
Manual Integrations
APPROVED

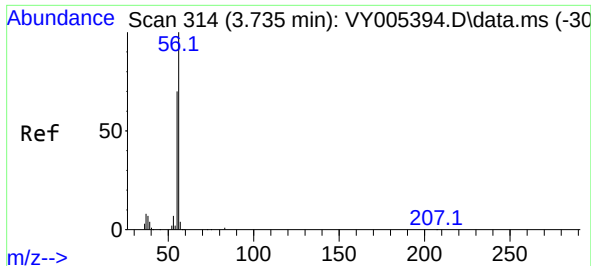
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#12
1,1-Dichloroethene
Concen: 5.265 ug/l
RT: 3.875 min Scan# 337
Delta R.T. -0.000 min
Lab File: VY005403.D
Acq: 09 Jul 2021 17:12

Tgt Ion: 96 Resp: 15582
Ion Ratio Lower Upper
96 100
61 142.5 116.6 174.8
98 63.8 50.8 76.2





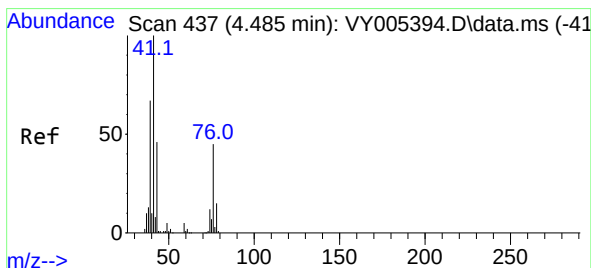
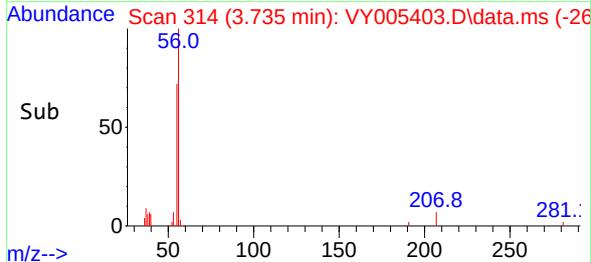
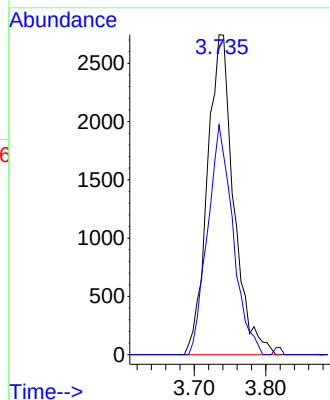
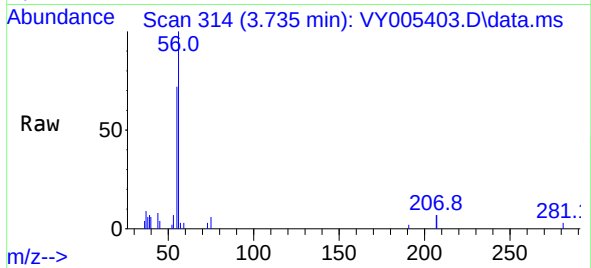
#13
Acrolein
Concen: 32.143 ug/l
RT: 3.735 min Scan# 314
Delta R.T. -0.000 min
Lab File: VY005403.D
Acq: 09 Jul 2021 17:12

Tgt Ion: 56 Resp: 7002
Ion Ratio Lower Upper
56 100
55 69.2 55.9 83.9

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2021

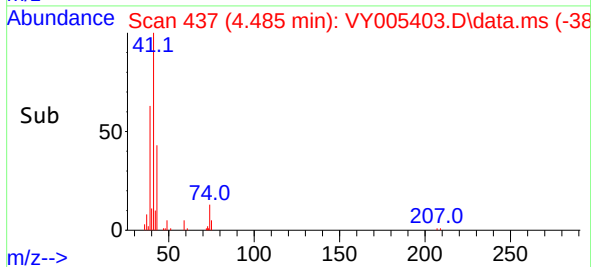
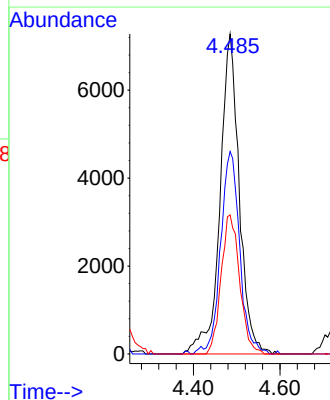
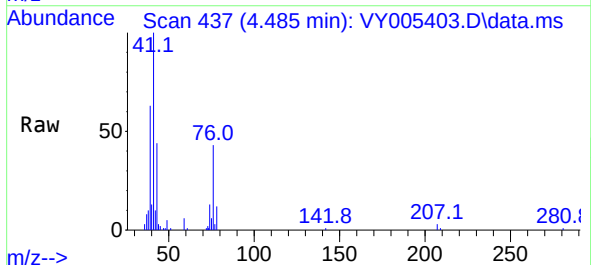
Manual Integrations
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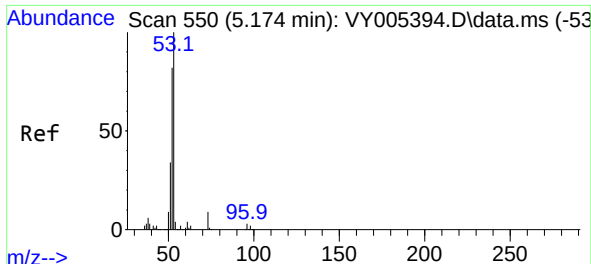
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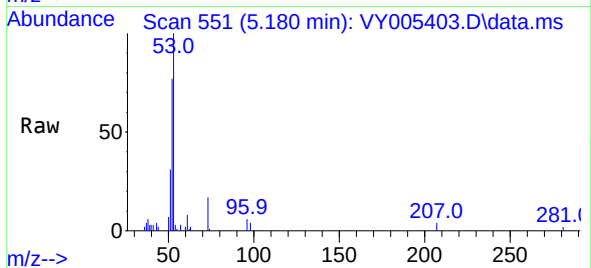
#14
Allyl chloride
Concen: 5.463 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY005403.D
Acq: 09 Jul 2021 17:12

Tgt Ion: 41 Resp: 22493
Ion Ratio Lower Upper
41 100
39 62.7 50.8 76.2
76 41.8 34.5 51.7



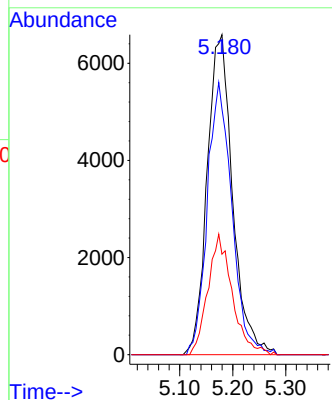


#15
Acrylonitrile
Concen: 27.058 ug/l
RT: 5.180 min Scan# 551
Delta R.T. 0.006 min
Lab File: VY005403.D
Acq: 09 Jul 2021 17:12



Tgt Ion: 53 Resp: 21889

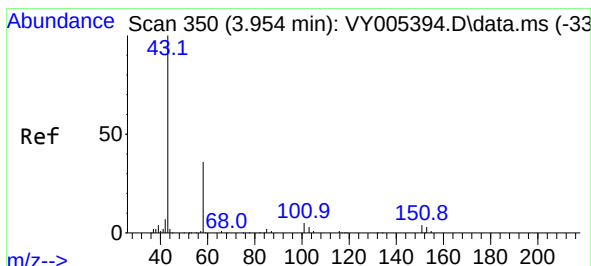
Ion	Ratio	Lower	Upper
53	100		
52	82.5	65.8	98.6
51	36.2	28.8	43.2



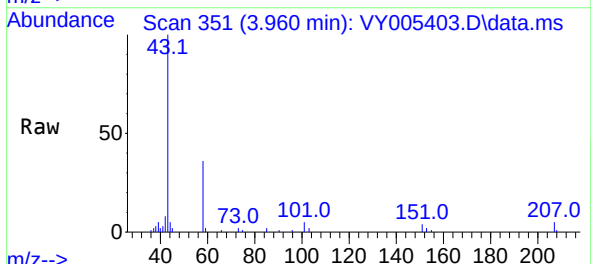
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2021

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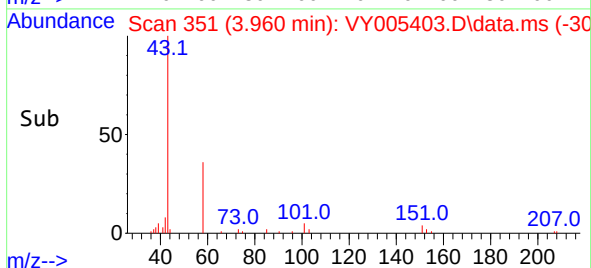
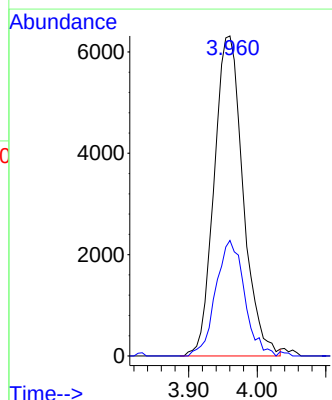


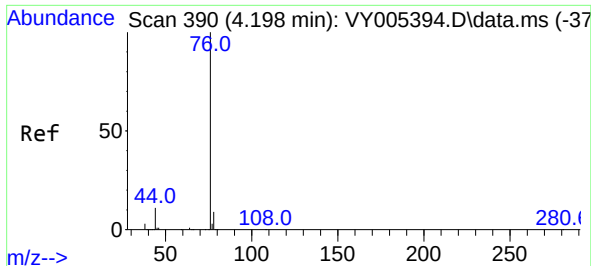
#16
Acetone
Concen: 29.733 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY005403.D
Acq: 09 Jul 2021 17:12



Tgt Ion: 43 Resp: 18516

Ion	Ratio	Lower	Upper
43	100		
58	36.1	28.9	43.3





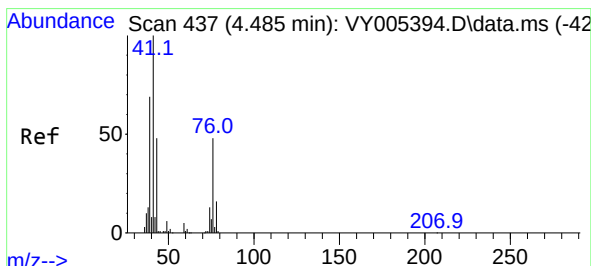
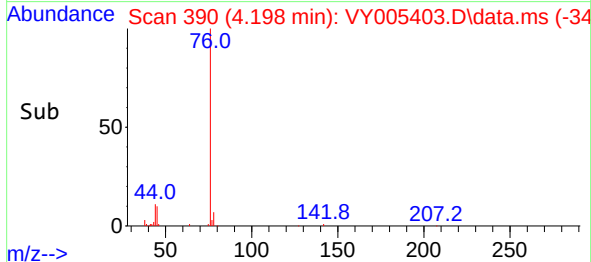
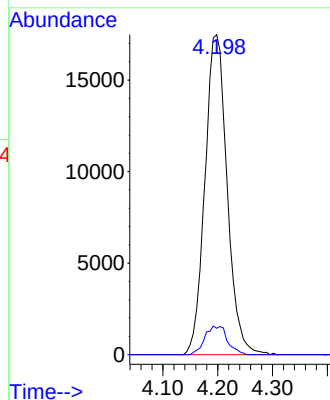
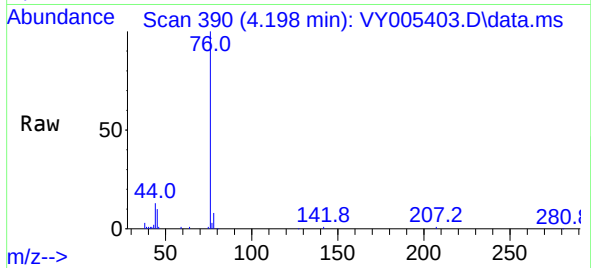
#17
Carbon Disulfide
Concen: 5.319 ug/l
RT: 4.198 min Scan# 390
Delta R.T. -0.000 min
Lab File: VY005403.D
Acq: 09 Jul 2021 17:12

Tgt Ion: 76 Resp: 49145
Ion Ratio Lower Upper
76 100
78 8.3 7.3 10.9

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2021

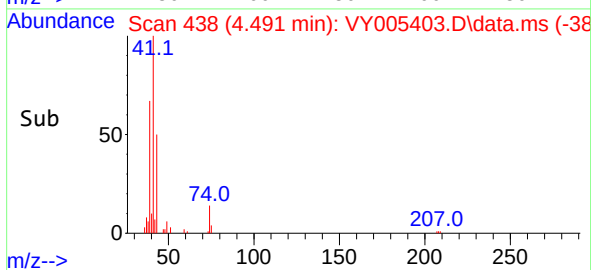
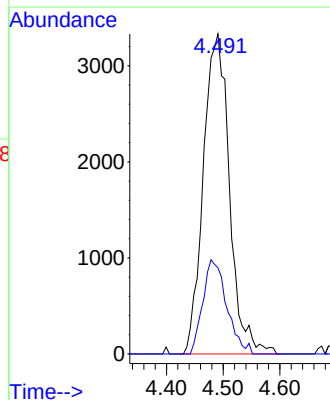
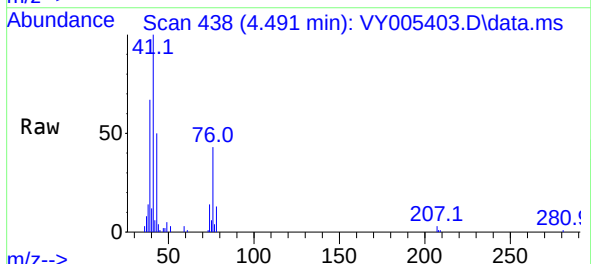
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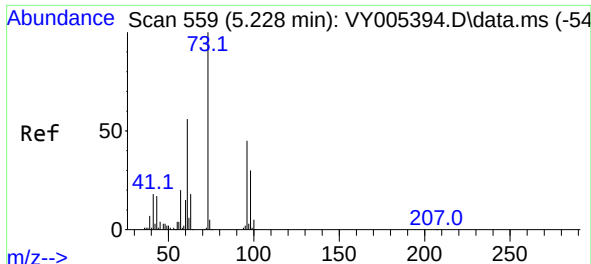
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#18
Methyl Acetate
Concen: 6.173 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY005403.D
Acq: 09 Jul 2021 17:12

Tgt Ion: 43 Resp: 10653
Ion Ratio Lower Upper
43 100
74 26.9 23.0 34.4





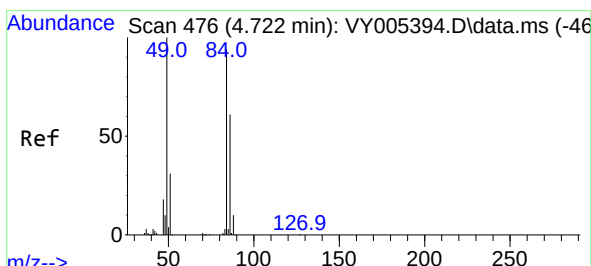
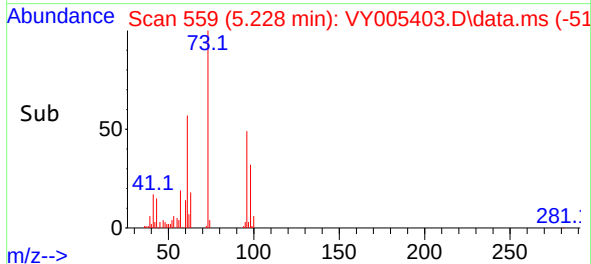
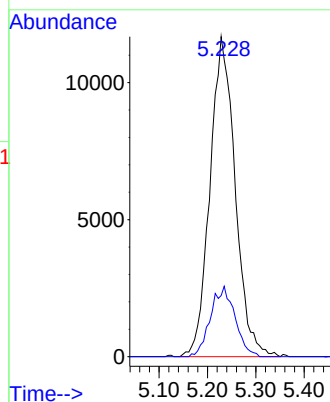
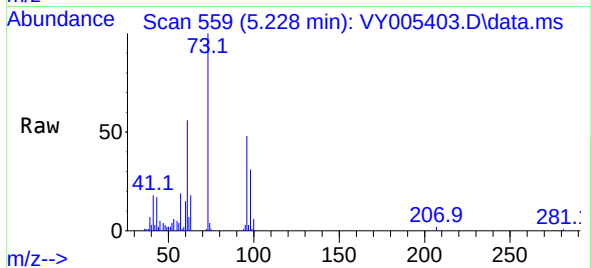
#19
Methyl tert-butyl Ether
Concen: 5.282 ug/l
RT: 5.228 min Scan# 559
Delta R.T. 0.000 min
Lab File: VY005403.D
Acq: 09 Jul 2021 17:12

Tgt Ion: 73 Resp: 42307
Ion Ratio Lower Upper
73 100
57 19.1 16.2 24.2

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2021

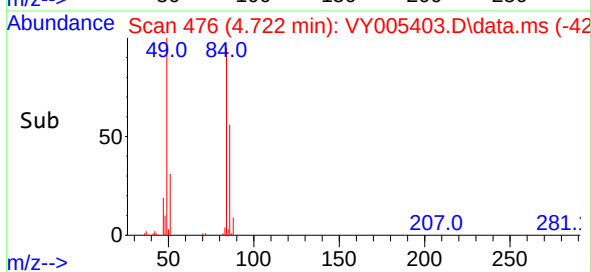
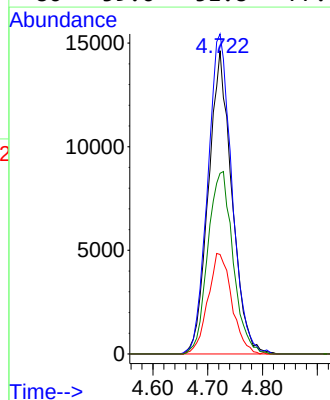
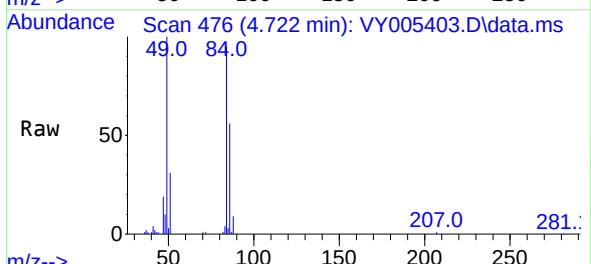
Manual Integrations
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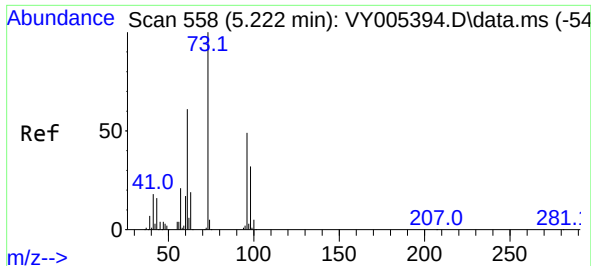
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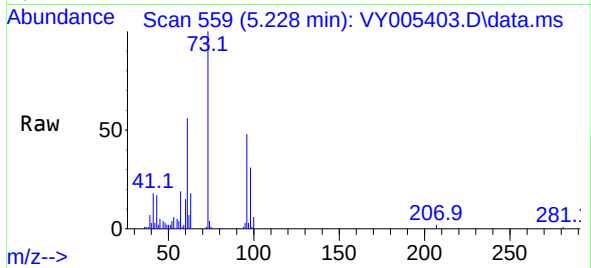
#20
Methylene Chloride
Concen: 10.056 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY005403.D
Acq: 09 Jul 2021 17:12

Tgt Ion: 84 Resp: 43377
Ion Ratio Lower Upper
84 100
49 105.5 84.8 127.2
51 32.8 25.9 38.9
86 59.6 51.8 77.6

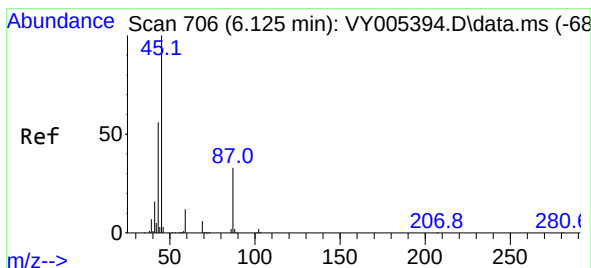
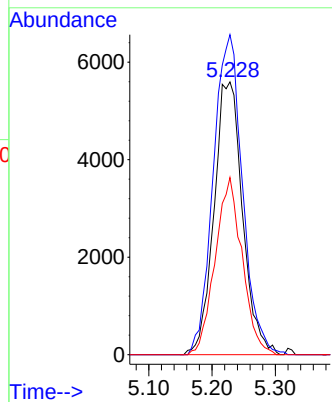
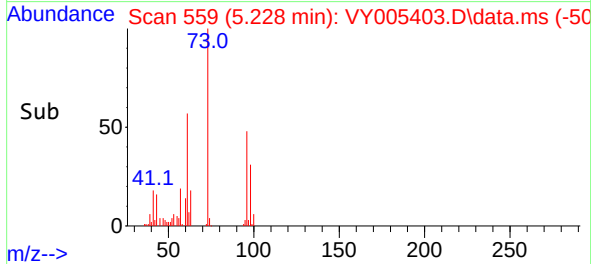




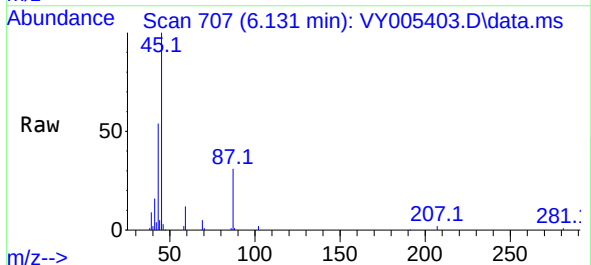
#21
trans-1,2-Dichloroethene
Concen: 5.318 ug/l
RT: 5.228 min Scan# 559
Delta R.T. 0.006 min
Lab File: VY005403.D
Acq: 09 Jul 2021 17:12



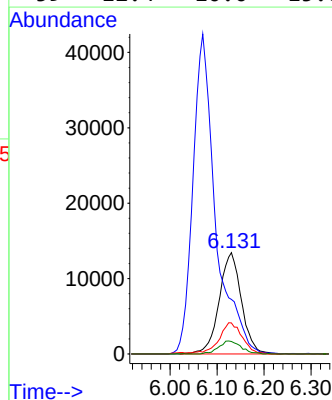
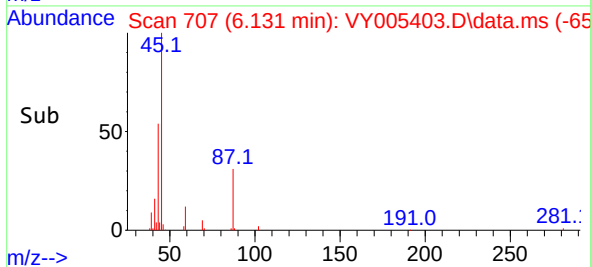
Tgt Ion: 96 Resp: 17539
Ion Ratio Lower Upper
96 100
61 117.3 100.3 150.5
98 64.9 52.2 78.2



#22
Diisopropyl ether
Concen: 5.390 ug/l
RT: 6.131 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY005403.D
Acq: 09 Jul 2021 17:12



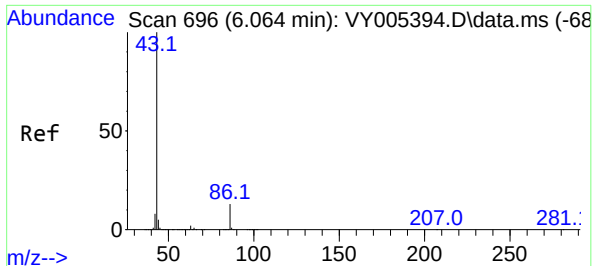
Tgt Ion: 45 Resp: 44207
Ion Ratio Lower Upper
45 100
43 54.0 45.4 68.2
87 30.7 26.9 40.3
59 12.4 10.0 15.0



Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2021

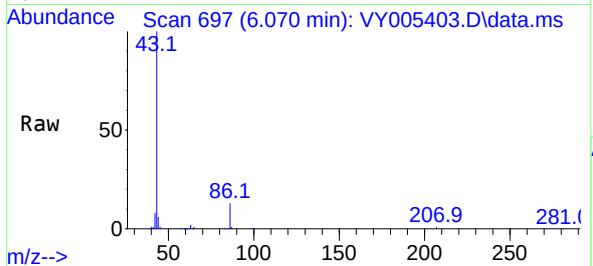
Manual Integrations
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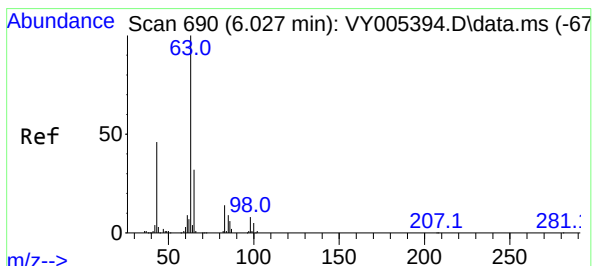
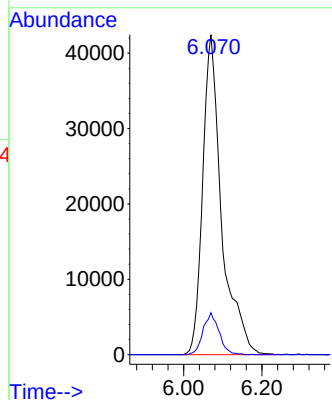
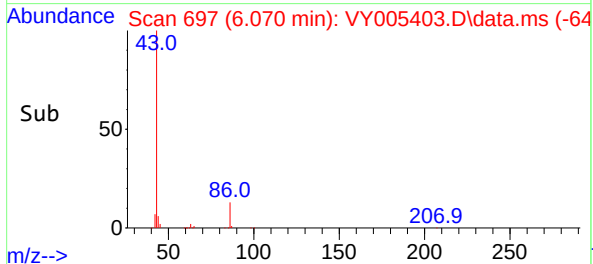


#23
 Vinyl Acetate
 Concen: 26.226 ug/l
 RT: 6.070 min Scan# 697
 Delta R.T. 0.006 min
 Lab File: VY005403.D
 Acq: 09 Jul 2021 17:12

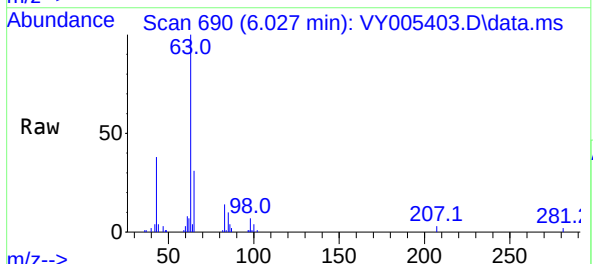
Instrument :
 MSVOA_Y
 ClientSampleId :
 LOQ-SOIL-02-QT3-2021



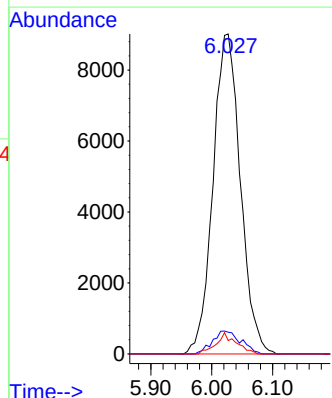
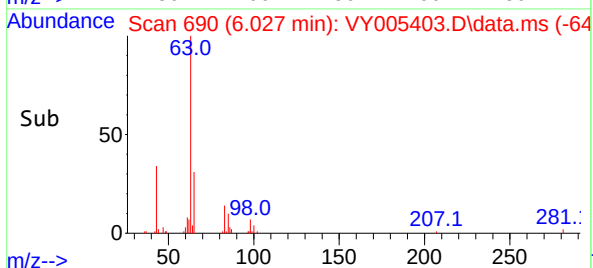
Tgt Ion: 43 Resp: 142333
 Ion Ratio Lower Upper
 43 100
 86 13.1 10.5 15.7

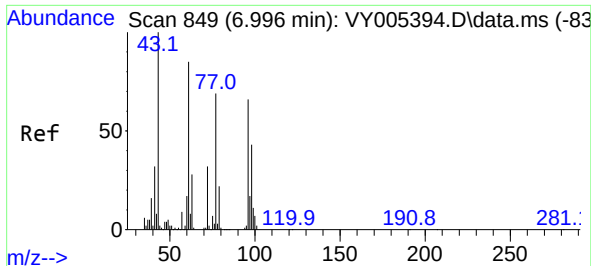


#24
 1,1-Dichloroethane
 Concen: 5.427 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. -0.000 min
 Lab File: VY005403.D
 Acq: 09 Jul 2021 17:12



Tgt Ion: 63 Resp: 28097
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.8 11.4
 100 4.2 2.5 7.4





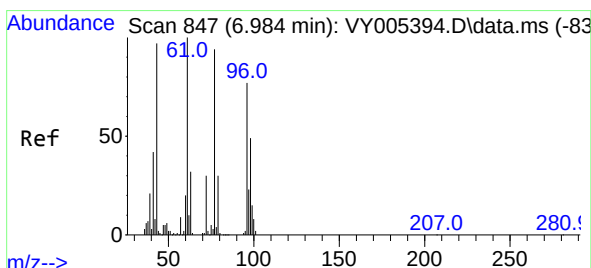
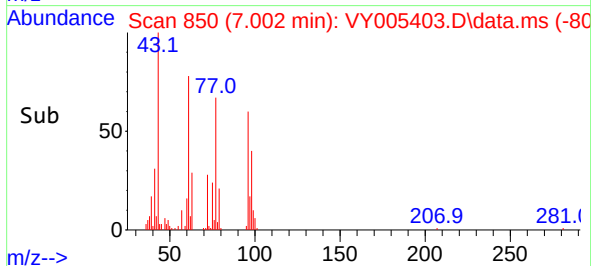
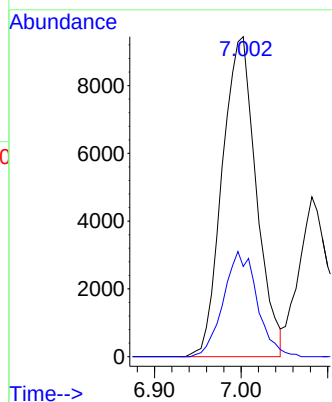
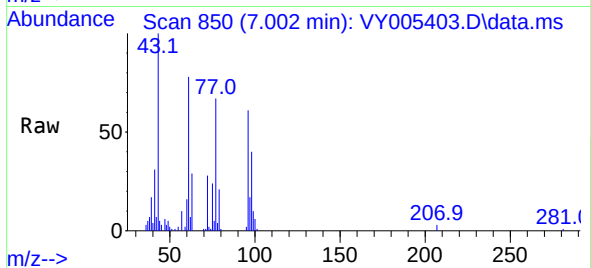
#25
2-Butanone
Concen: 26.258 ug/l
RT: 7.002 min Scan# 850
Delta R.T. 0.006 min
Lab File: VY005403.D
Acq: 09 Jul 2021 17:12

Tgt Ion: 43 Resp: 25766
Ion Ratio Lower Upper
43 100
72 28.2 25.3 37.9

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2021

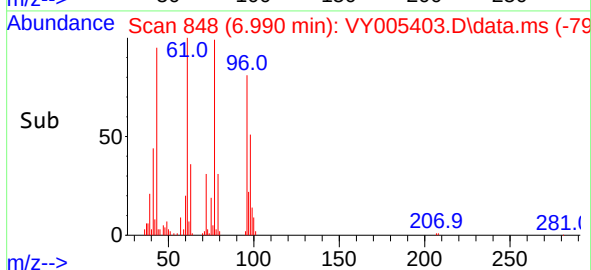
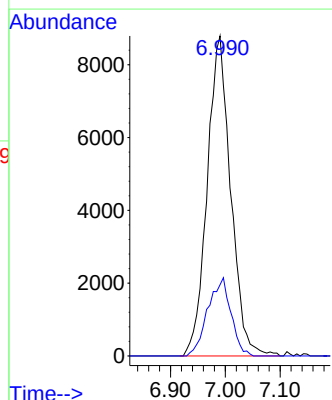
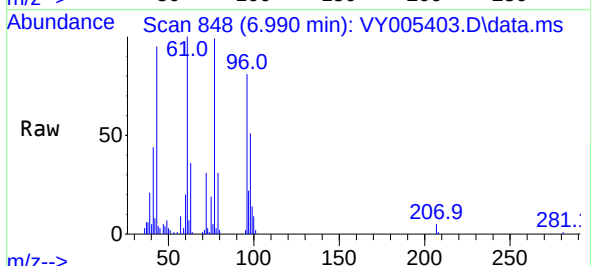
Manual Integrations
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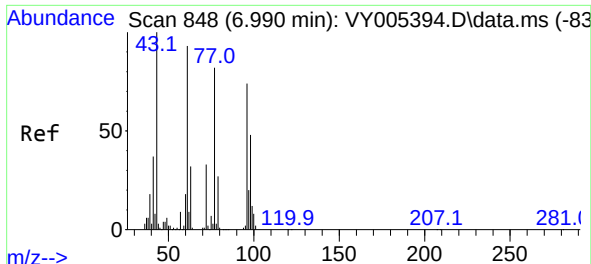
MMDadoda
7/12/2021 5:46:46 PM



#26
2,2-Dichloropropane
Concen: 5.460 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY005403.D
Acq: 09 Jul 2021 17:12

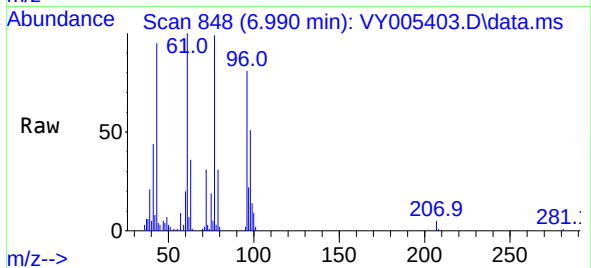
Tgt Ion: 77 Resp: 26231
Ion Ratio Lower Upper
77 100
97 24.0 12.0 36.1





#27
cis-1,2-Dichloroethene
Concen: 5.278 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.000 min
Lab File: VY005403.D
Acq: 09 Jul 2021 17:12

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2021

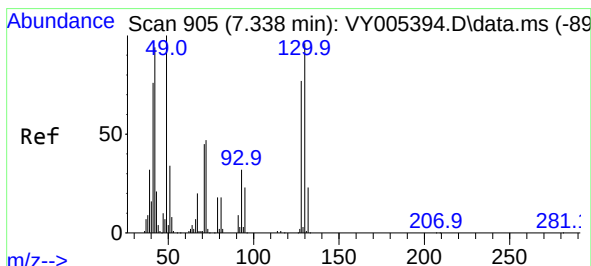
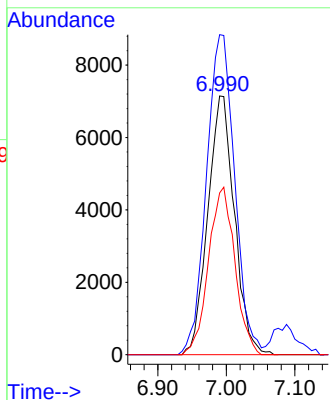
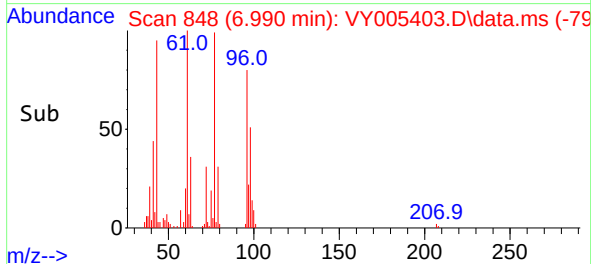


Tgt Ion: 96 Resp: 19279

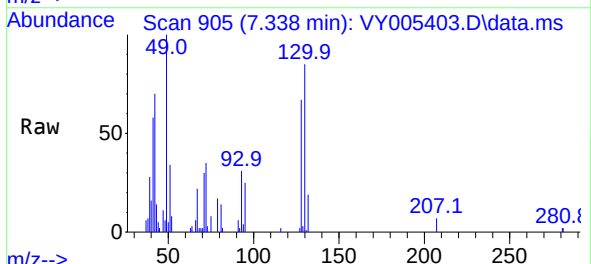
Ion	Ratio	Lower	Upper
96	100		
61	131.2	0.0	261.4
98	64.3	0.0	129.2

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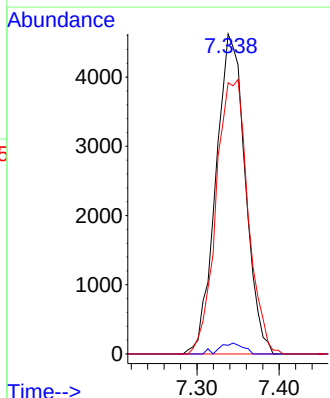
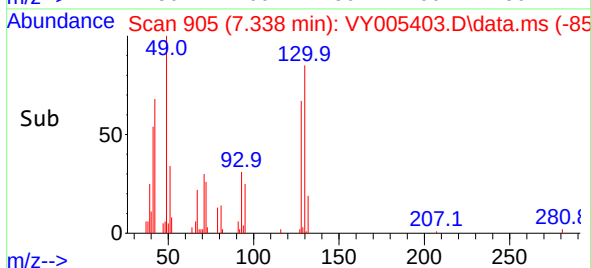


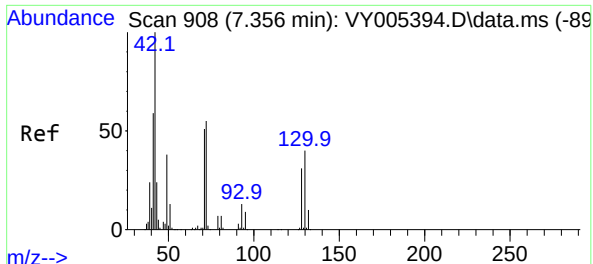
#28
Bromochloromethane
Concen: 5.903 ug/l
RT: 7.338 min Scan# 905
Delta R.T. -0.000 min
Lab File: VY005403.D
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Tgt Ion: 49 Resp: 11471

Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.2
130	92.9	80.6	120.8





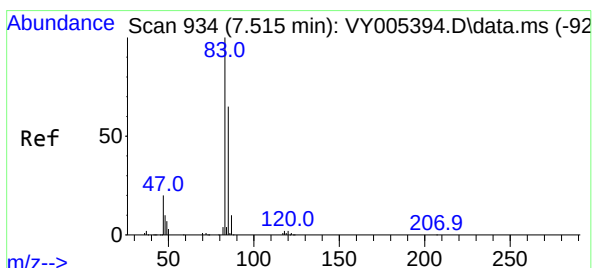
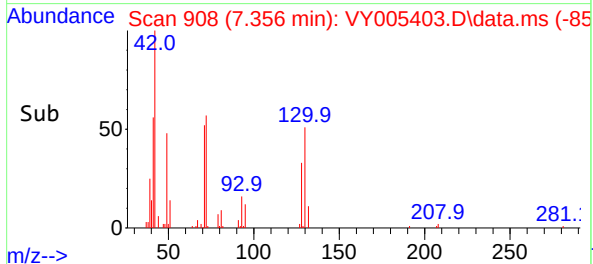
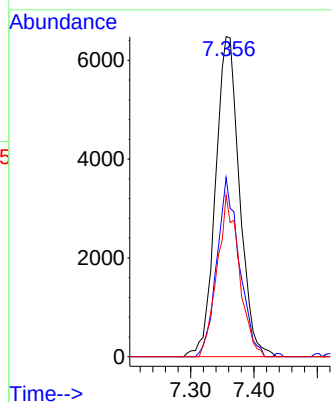
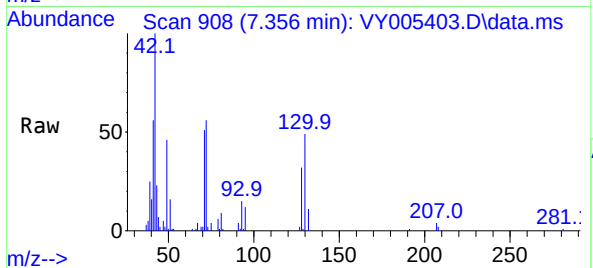
#29
Tetrahydrofuran
Concen: 26.149 ug/l
RT: 7.356 min Scan# 908
Delta R.T. -0.000 min
Lab File: VY005403.D
Acq: 09 Jul 2021 17:12

Tgt Ion:	42	Resp:	17021
Ion	Ratio	Lower	Upper
42	100		
72	51.9	41.8	62.6
71	46.5	39.8	59.6

Instrument :
MSVOA_Y
ClientSampleId :
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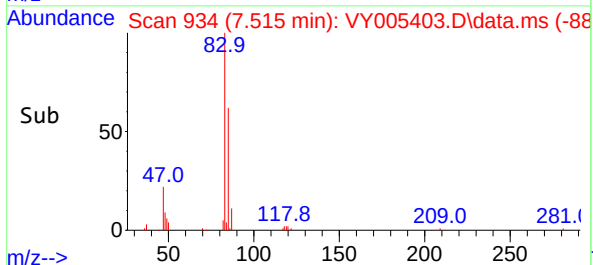
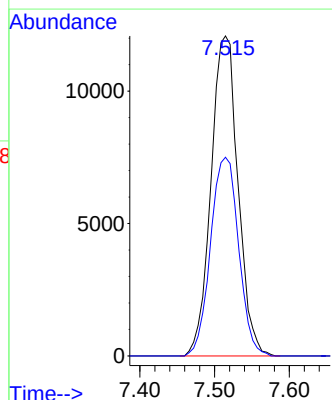
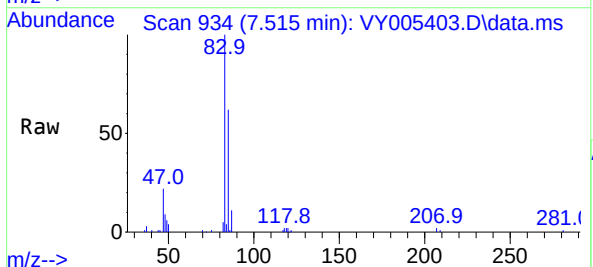
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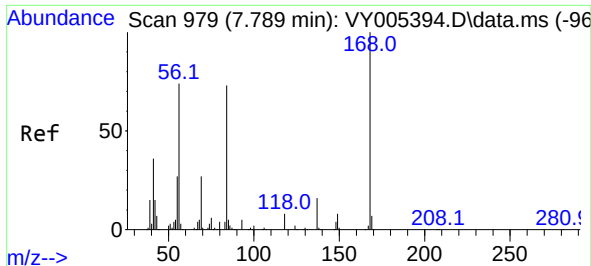
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#30
Chloroform
Concen: 5.473 ug/l
RT: 7.515 min Scan# 934
Delta R.T. -0.000 min
Lab File: VY005403.D
Acq: 09 Jul 2021 17:12

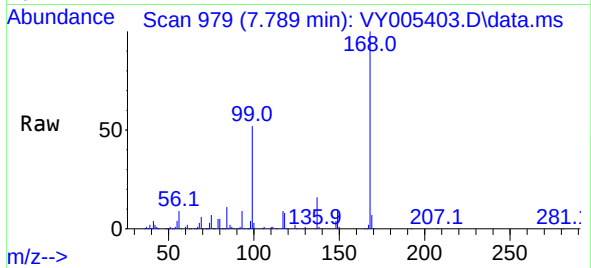
Tgt Ion:	83	Resp:	30371
Ion	Ratio	Lower	Upper
83	100		
85	62.1	51.7	77.5





#31
Cyclohexane
Concen: 5.873 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY005403.D
Acq: 09 Jul 2021 17:12

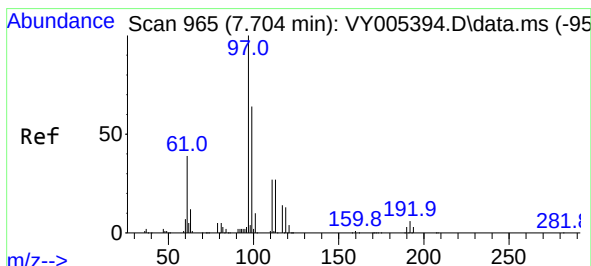
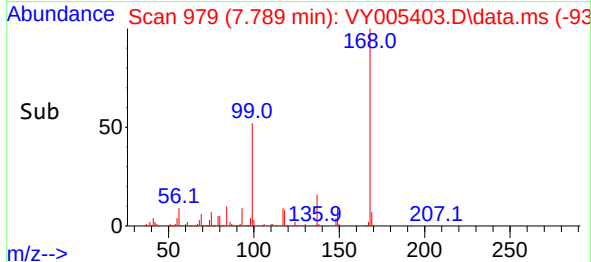
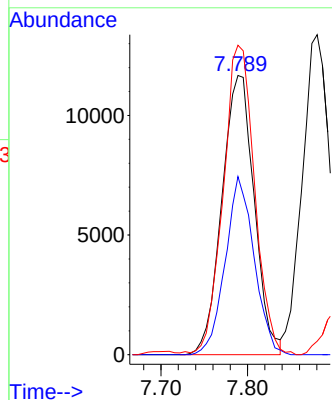
Instrument :
MSVOA_Y
ClientSampleId :
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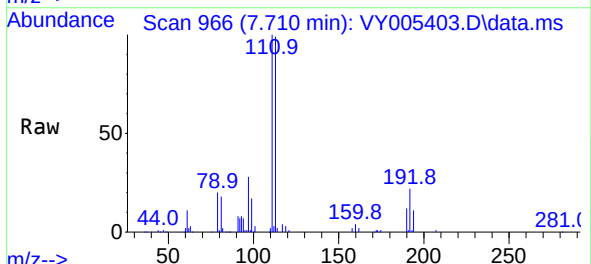
Tgt Ion: 56 Resp: 30272
Ion Ratio Lower Upper
56 100
69 63.8 28.8 43.2#
84 110.2 78.6 118.0

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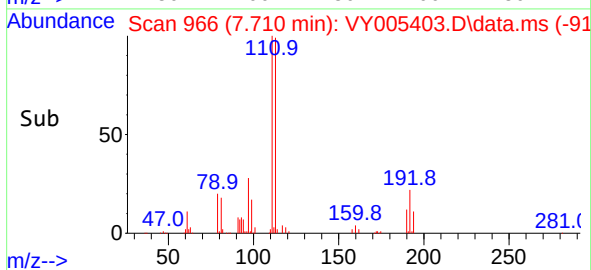
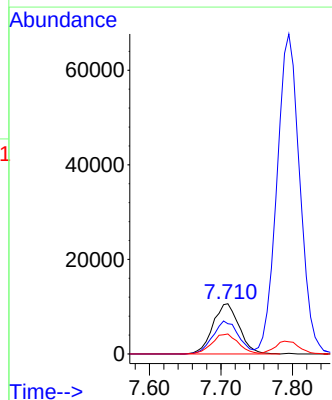
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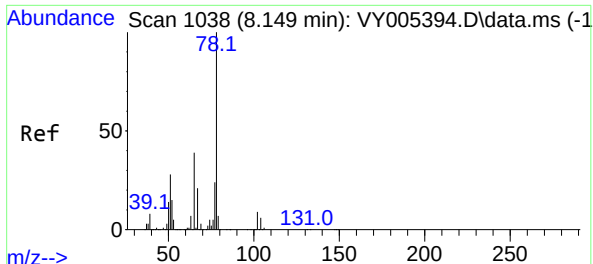


#32
1,1,1-Trichloroethane
Concen: 5.279 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.006 min
Lab File: VY005403.D
Acq: 09 Jul 2021 17:12



Tgt Ion: 97 Resp: 27123
Ion Ratio Lower Upper
97 100
99 64.5 51.0 76.4
61 39.8 30.6 46.0





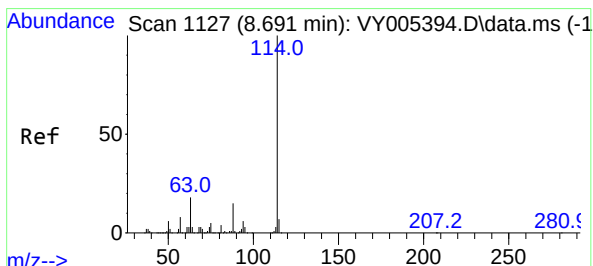
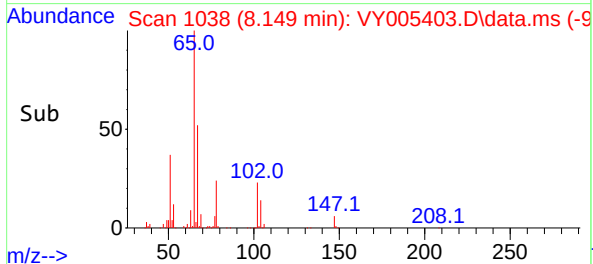
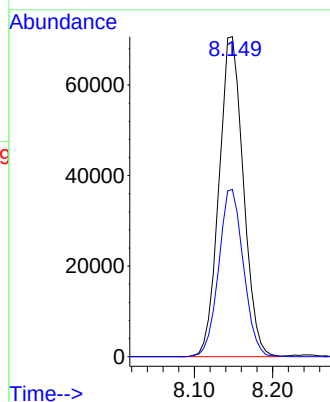
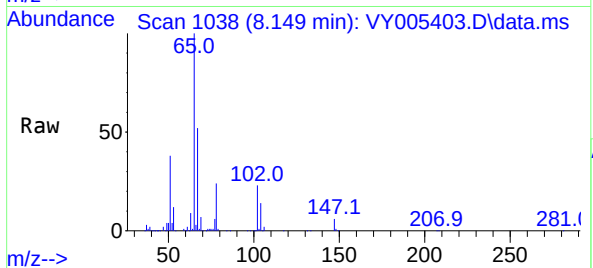
#33
1,2-Dichloroethane-d4
Concen: 52.595 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005403.D
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Tgt Ion: 65 Resp: 152972
Ion Ratio Lower Upper
65 100
67 53.1 0.0 106.0

Instrument :
MSVOA_Y
ClientSampleId :
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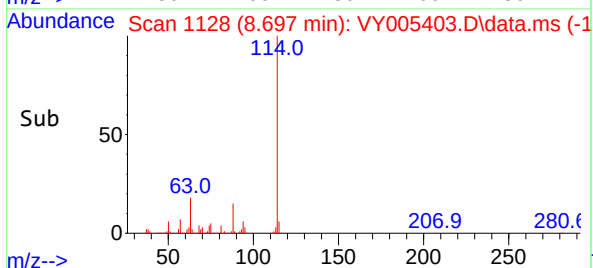
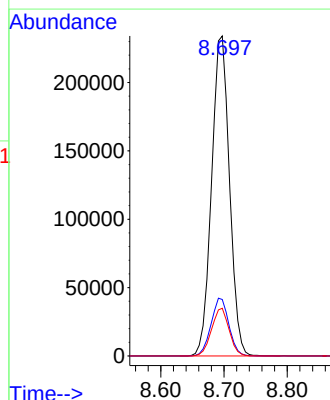
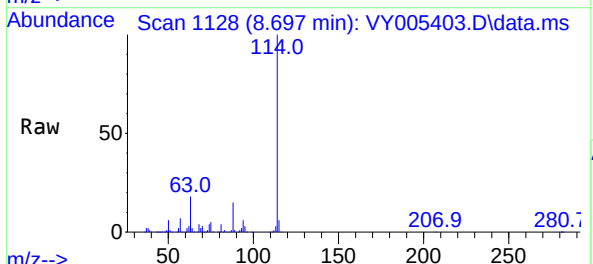
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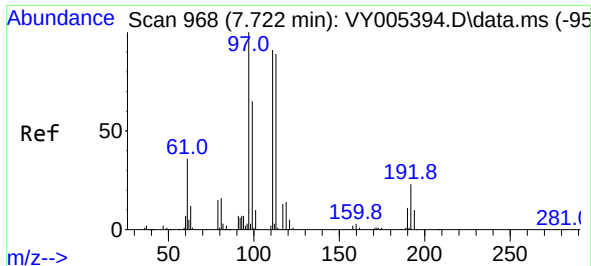
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#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VY005403.D
Acq: 09 Jul 2021 17:12

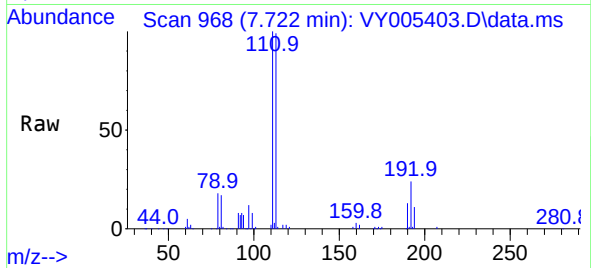
Tgt Ion:114 Resp: 459960
Ion Ratio Lower Upper
114 100
63 17.7 0.0 35.2
88 14.9 0.0 29.4





#35
Dibromofluoromethane
Concen: 50.914 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY005403.D
Acq: 09 Jul 2021 17:12

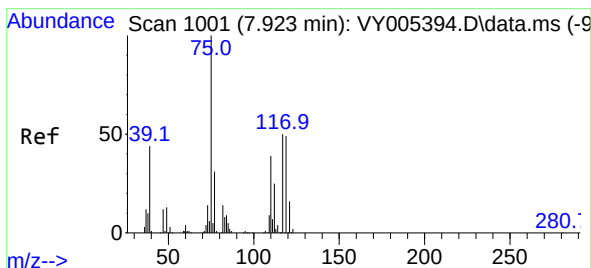
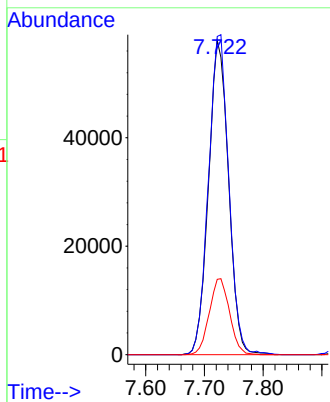
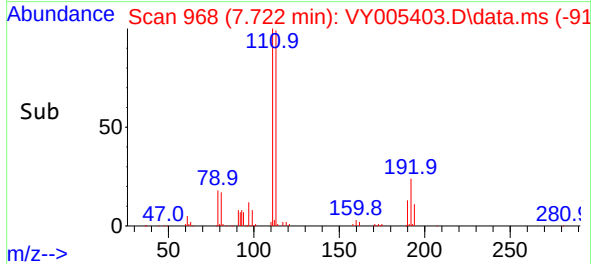
Instrument :
MSVOA_Y
ClientSampleId :
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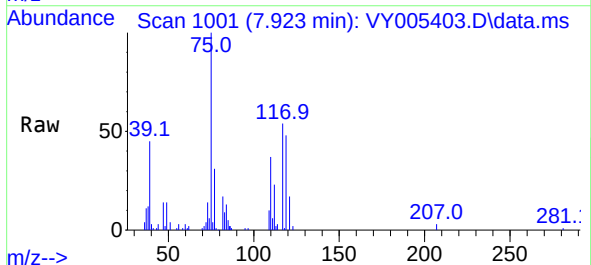
Tgt Ion:113 Resp: 137438
Ion Ratio Lower Upper
113 100
111 103.0 82.7 124.1
192 24.4 19.9 29.9

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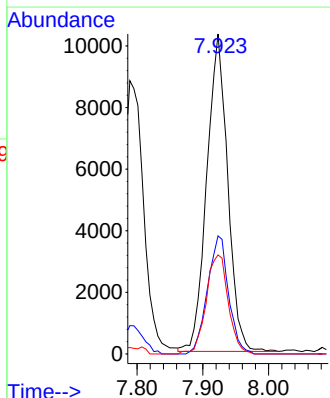
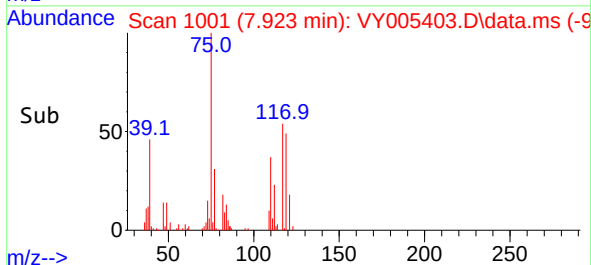
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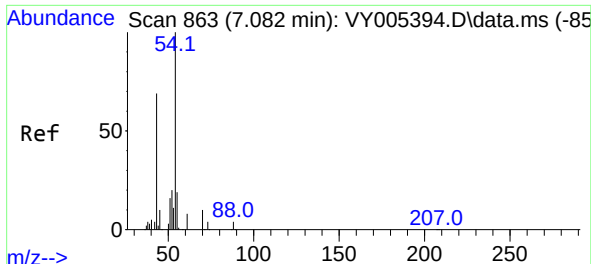


#36
1,1-Dichloropropene
Concen: 5.088 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. -0.000 min
Lab File: VY005403.D
Acq: 09 Jul 2021 17:12



Tgt Ion: 75 Resp: 22849
Ion Ratio Lower Upper
75 100
110 37.4 19.3 57.9
77 32.9 24.7 37.1





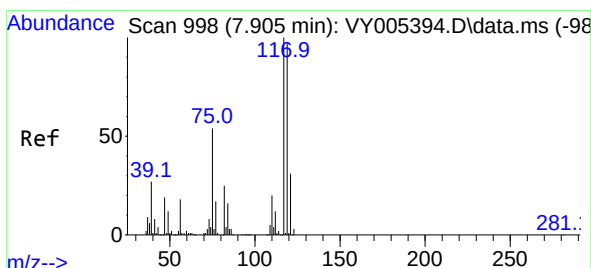
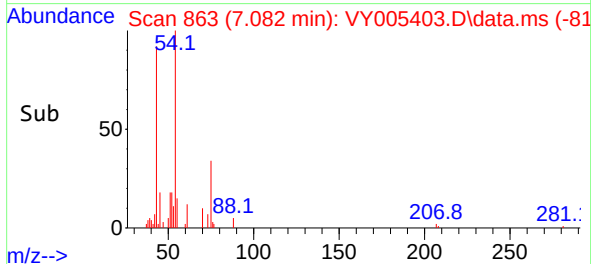
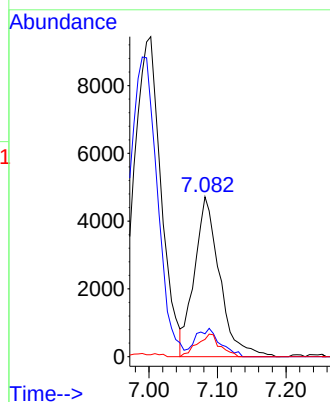
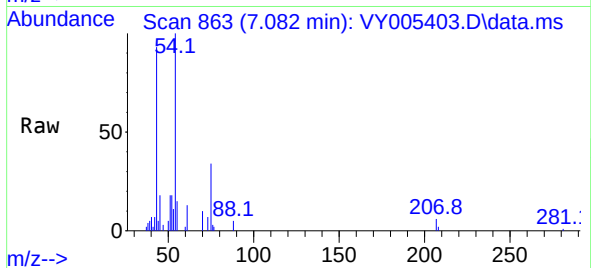
#37
Ethyl Acetate
Concen: 5.354 ug/l
RT: 7.082 min Scan# 863
Delta R.T. -0.000 min
Lab File: VY005403.D
Acq: 09 Jul 2021 17:12

Tgt Ion:	43	Resp:	12088
Ion	Ratio	Lower	Upper
43	100		
61	17.4	12.6	19.0
70	12.7	10.0	15.0

Instrument :
MSVOA_Y
ClientSampleId :
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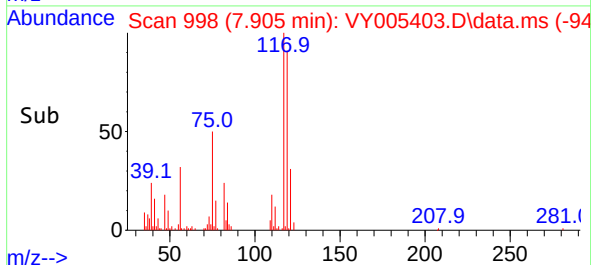
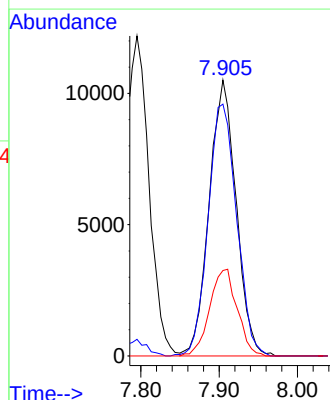
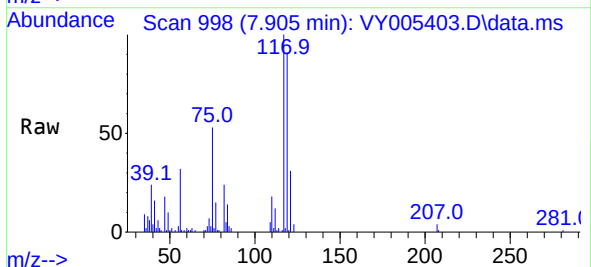
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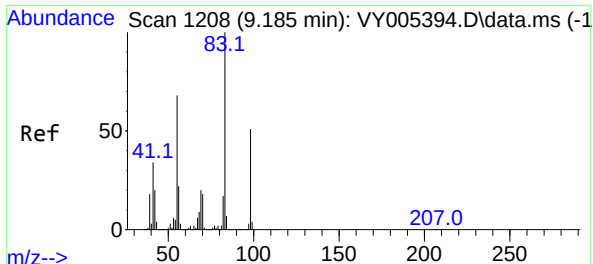
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#38
Carbon Tetrachloride
Concen: 5.012 ug/l
RT: 7.905 min Scan# 998
Delta R.T. -0.000 min
Lab File: VY005403.D
Acq: 09 Jul 2021 17:12

Tgt Ion:	117	Resp:	25159
Ion	Ratio	Lower	Upper
117	100		
119	91.3	77.8	116.6
121	31.0	24.8	37.2





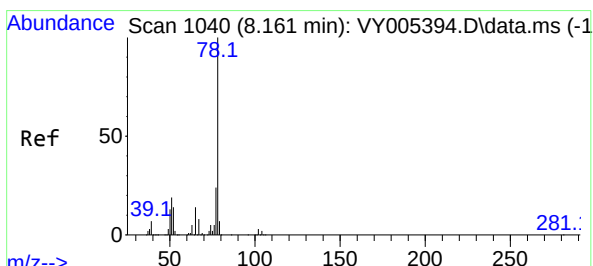
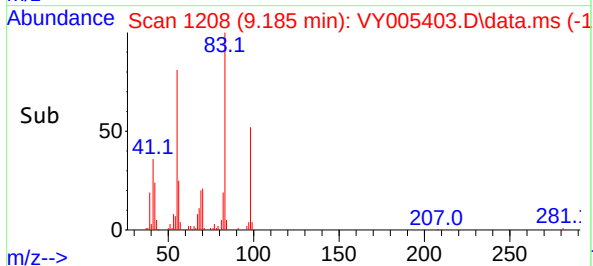
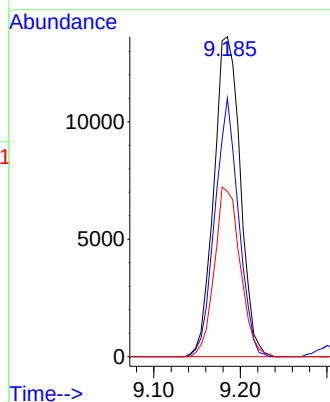
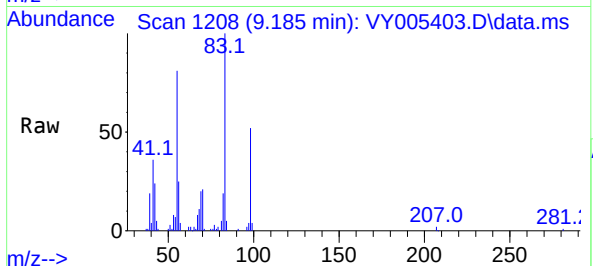
#39
Methylcyclohexane
Concen: 4.891 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. -0.000 min
Lab File: VY005403.D
Acq: 09 Jul 2021 17:12

Tgt Ion: 83 Resp: 28900
Ion Ratio Lower Upper
83 100
55 80.7 54.8 82.2
98 51.7 40.7 61.1

Instrument :
MSVOA_Y
ClientSampleId :
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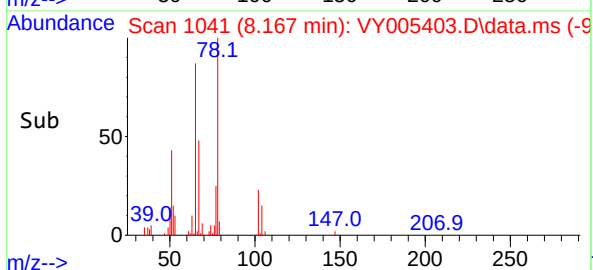
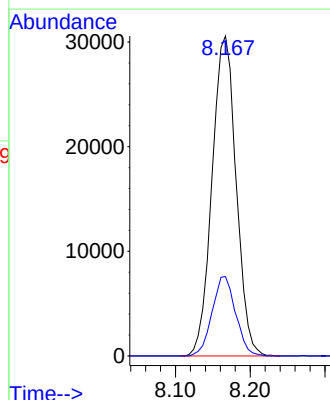
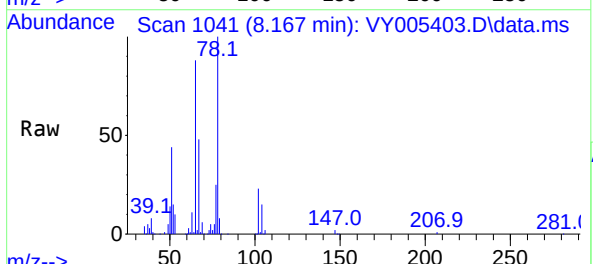
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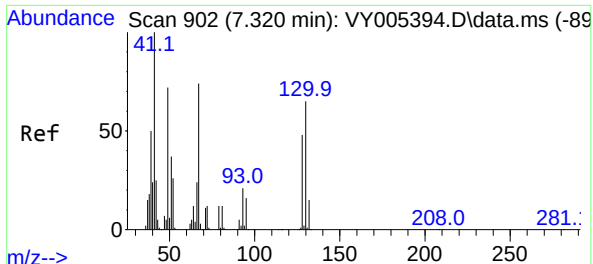
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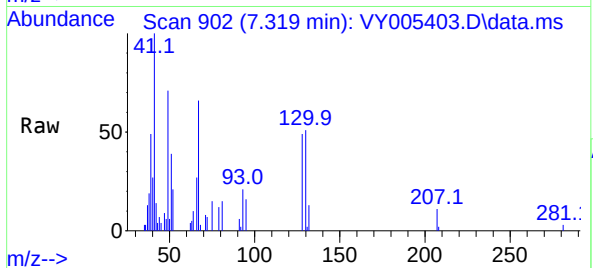
#40
Benzene
Concen: 5.198 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY005403.D
Acq: 09 Jul 2021 17:12

Tgt Ion: 78 Resp: 68412
Ion Ratio Lower Upper
78 100
77 24.8 19.0 28.6

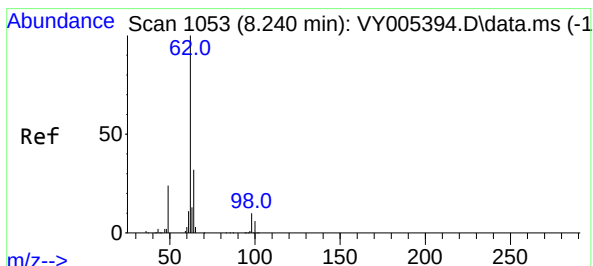
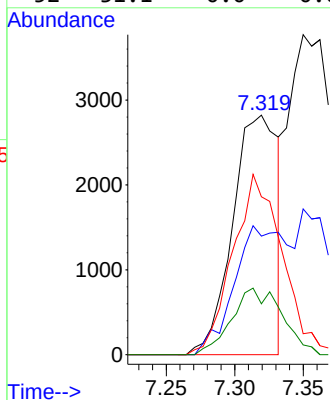
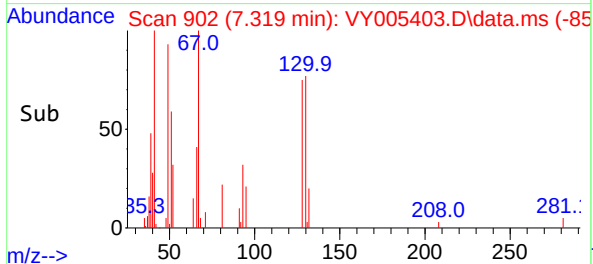




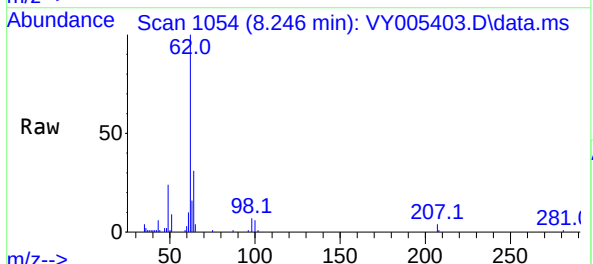
#41
Methacrylonitrile
Concen: 5.015 ug/l
RT: 7.319 min Scan# 902
Delta R.T. -0.000 min
Lab File: VY005403.D
Acq: 09 Jul 2021 17:12



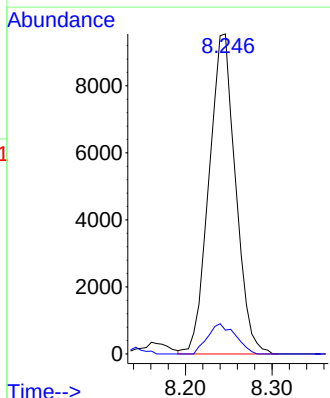
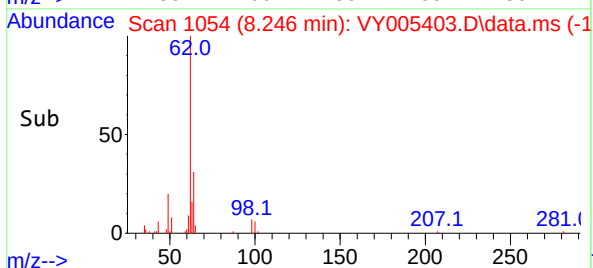
Tgt Ion:	41	Resp:	6458
Ion	Ratio	Lower	Upper
41	100		
39	66.8	0.0	0.0#
67	82.5	0.0	0.0#
52	31.1	0.0	0.0#



#42
1,2-Dichloroethane
Concen: 5.355 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VY005403.D
Acq: 09 Jul 2021 17:12



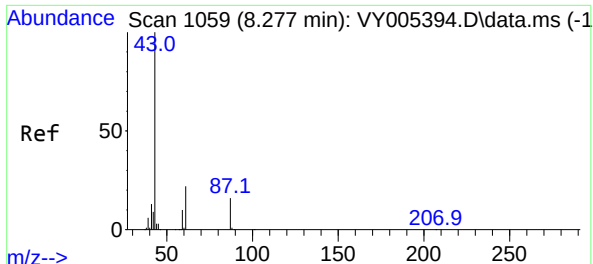
Tgt Ion:	62	Resp:	20355
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	21.0



Instrument :
MSVOA_Y
ClientSampleId :
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#43

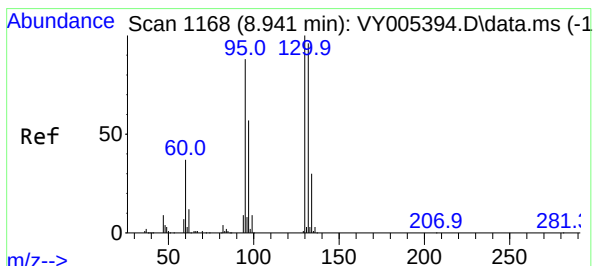
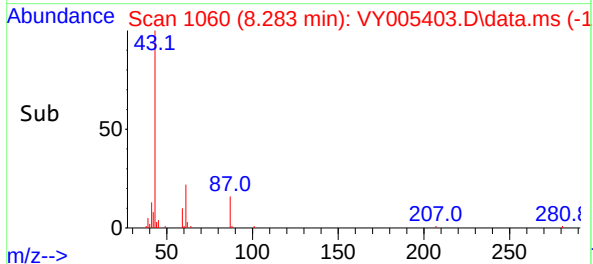
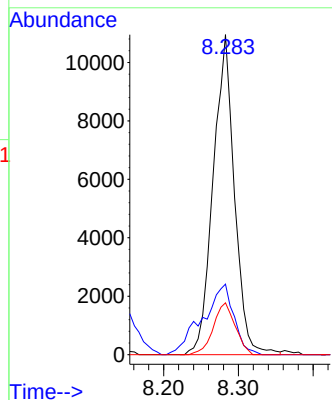
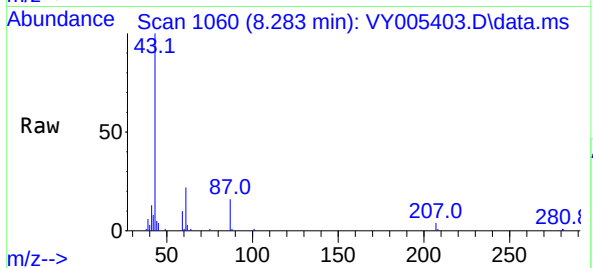
Isopropyl Acetate
Concen: 5.232 ug/l
RT: 8.283 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VY005403.D
Acq: 09 Jul 2021 17:12

Tgt Ion:	43	Resp:	21669
Ion	Ratio	Lower	Upper
43	100		
61	32.5	25.7	38.5
87	16.6	13.0	19.6

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2021

Manual Integrations
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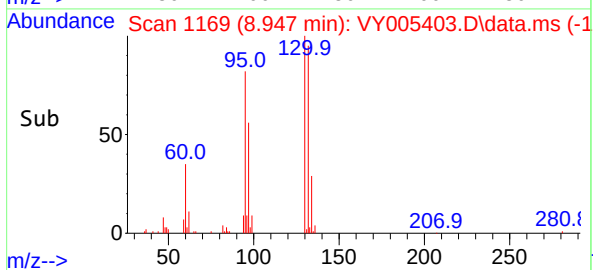
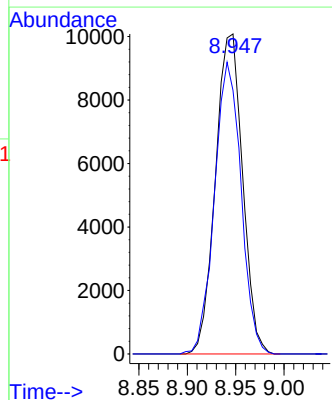
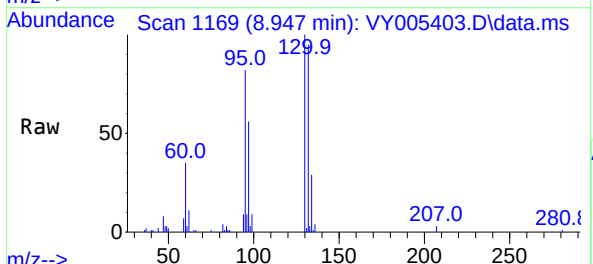
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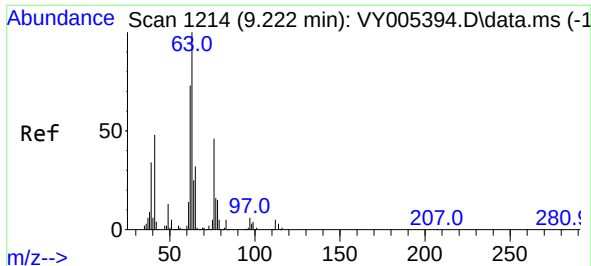


#44

Trichloroethene
Concen: 5.085 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.006 min
Lab File: VY005403.D
Acq: 09 Jul 2021 17:12

Tgt Ion:	130	Resp:	19696
Ion	Ratio	Lower	Upper
130	100		
95	82.4	0.0	175.6





#45

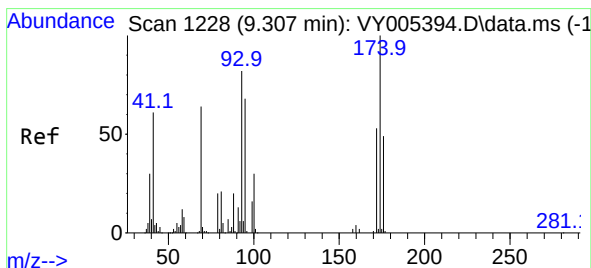
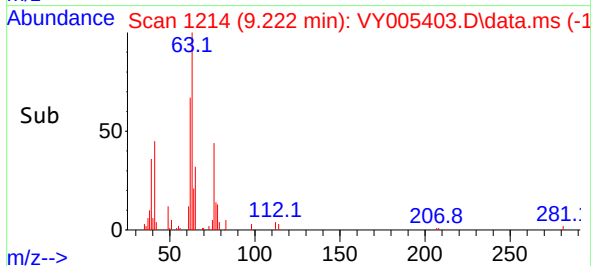
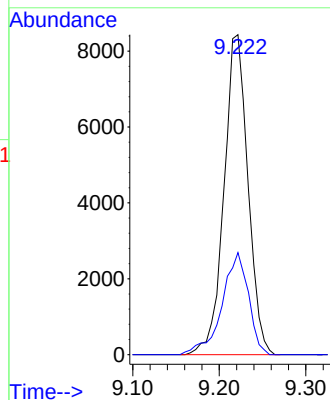
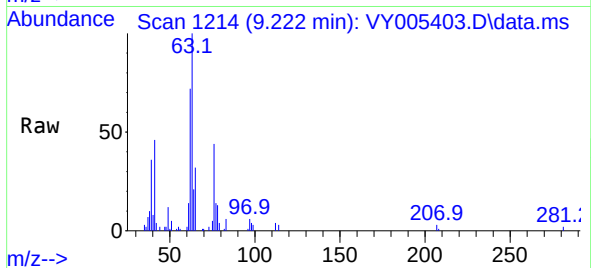
1,2-Dichloropropane
Concen: 5.269 ug/l
RT: 9.222 min Scan# 1214
Delta R.T. -0.000 min
Lab File: VY005403.D
Acq: 09 Jul 2021 17:12

Tgt Ion: 63 Resp: 16200
Ion Ratio Lower Upper
63 100
65 31.9 25.8 38.6

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2021

Manual Integrations
APPROVED

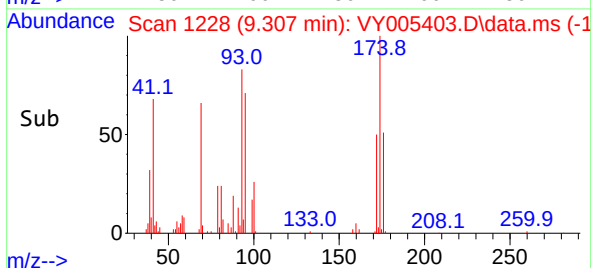
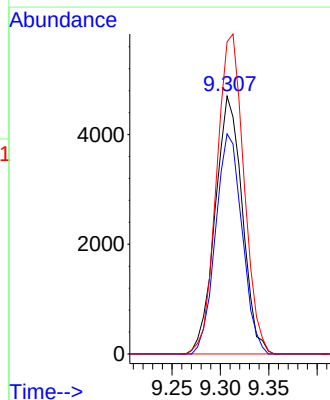
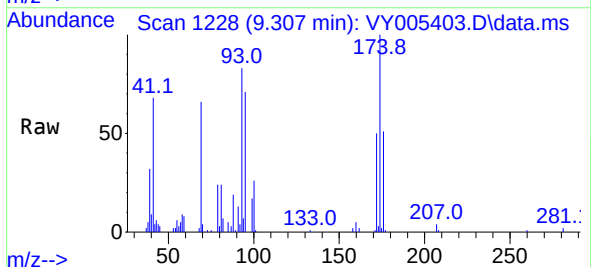
MMDadoda
7/12/2021 5:46:46 PM

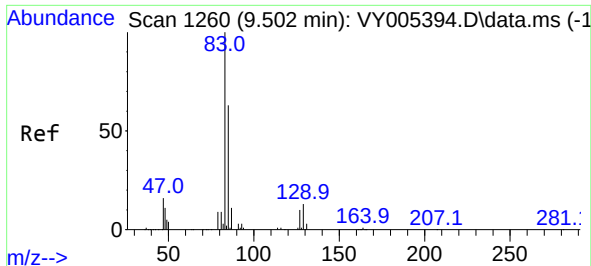


#46

Dibromomethane
Concen: 5.080 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VY005403.D
Acq: 09 Jul 2021 17:12

Tgt Ion: 93 Resp: 9152
Ion Ratio Lower Upper
93 100
95 83.7 66.5 99.7
174 124.8 99.4 149.2





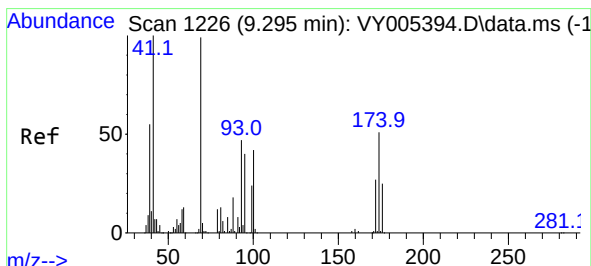
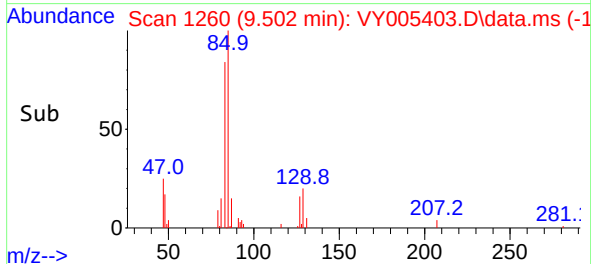
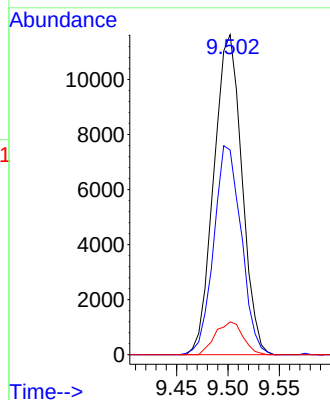
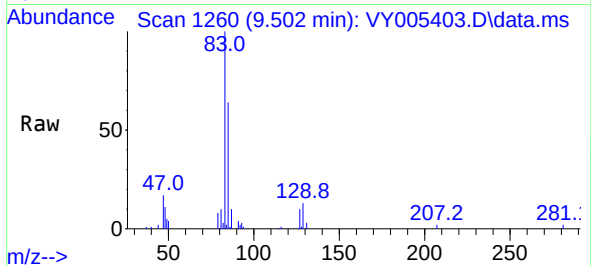
#47
Bromodichloromethane
Concen: 5.068 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. -0.000 min
Lab File: VY005403.D
Acq: 09 Jul 2021 17:12

Tgt Ion: 83 Resp: 22110
Ion Ratio Lower Upper
83 100
85 64.0 50.6 76.0
127 10.2 7.6 11.4

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2021

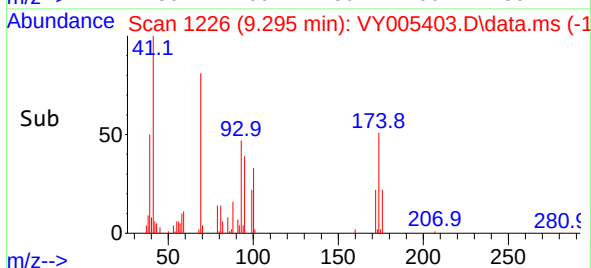
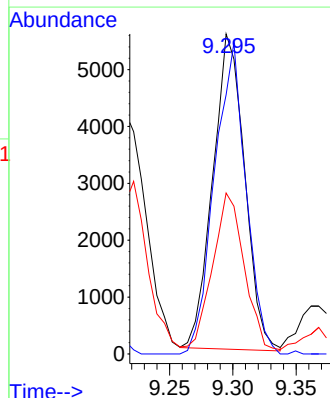
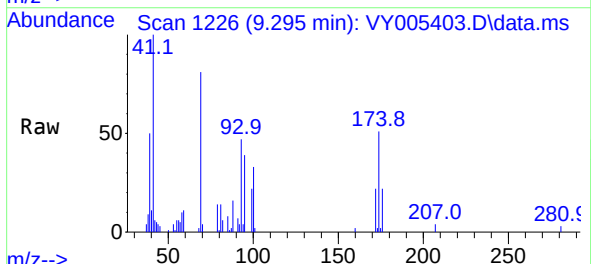
Manual Integrations
APPROVED

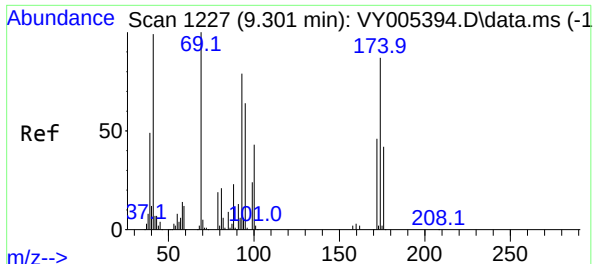
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7/12/2021 5:46:46 PM



#48
Methyl methacrylate
Concen: 5.063 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY005403.D
Acq: 09 Jul 2021 17:12

Tgt Ion: 41 Resp: 9693
Ion Ratio Lower Upper
41 100
69 97.4 80.6 121.0
39 52.6 43.3 64.9





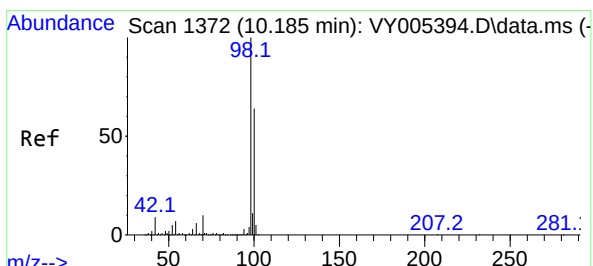
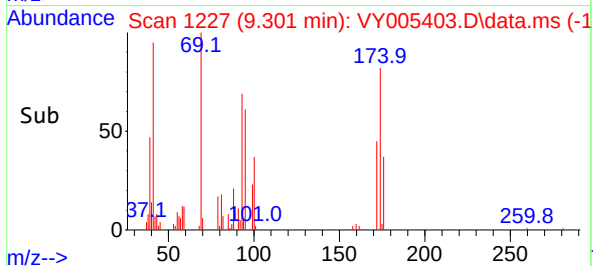
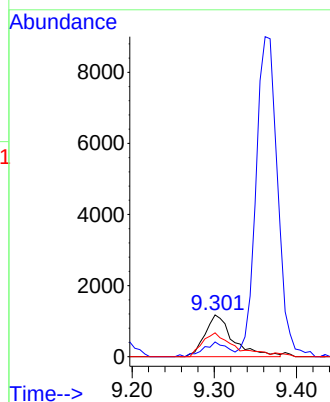
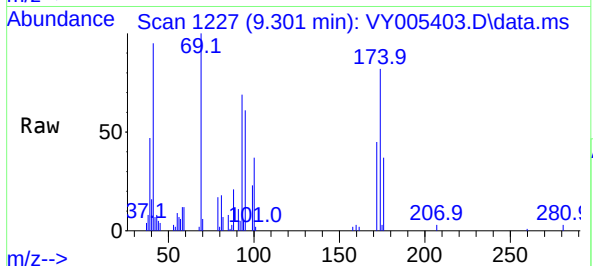
#49
1,4-Dioxane
Concen: 96.686 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VY005403.D
Acq: 09 Jul 2021 17:12

Tgt Ion: 88 Resp: 2791
Ion Ratio Lower Upper
88 100
43 30.0 19.5 29.3#
58 64.2 44.7 67.1

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2021

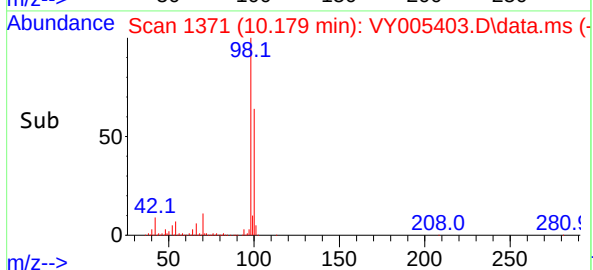
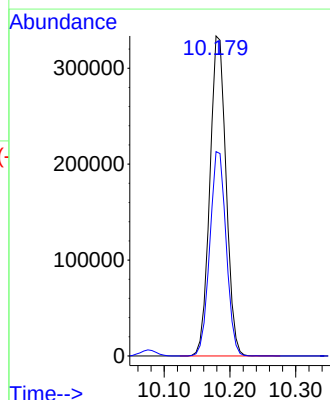
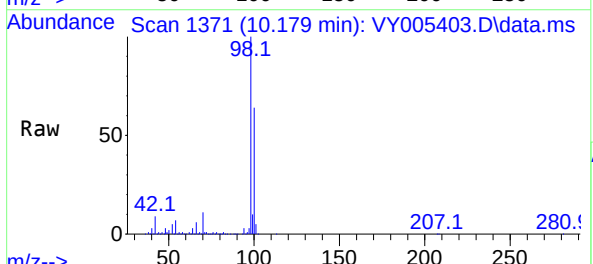
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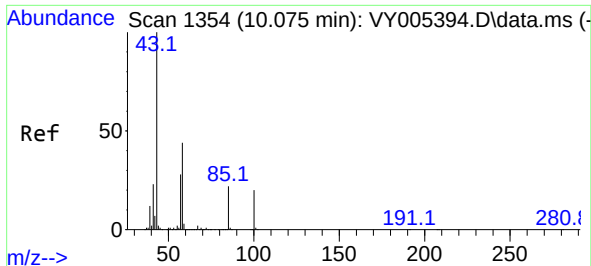
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#50
Toluene-d8
Concen: 49.894 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.006 min
Lab File: VY005403.D
Acq: 09 Jul 2021 17:12

Tgt Ion: 98 Resp: 573283
Ion Ratio Lower Upper
98 100
100 64.3 51.8 77.8





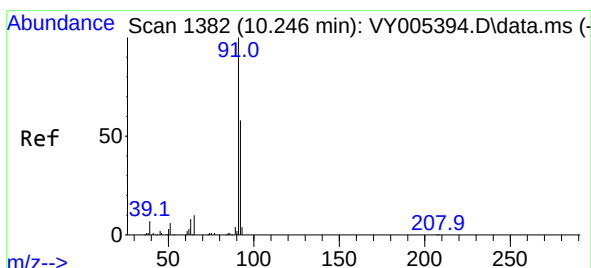
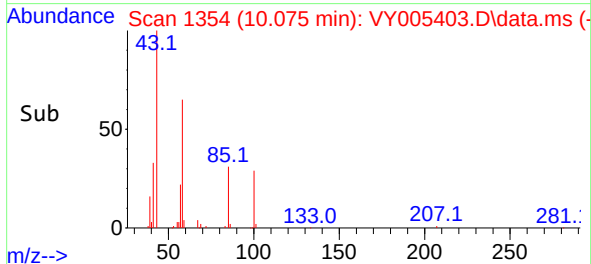
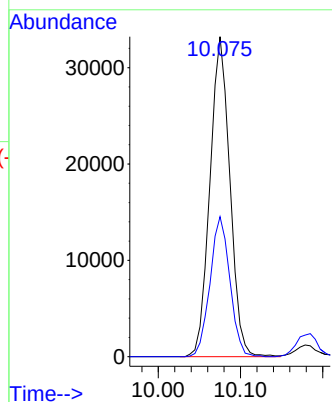
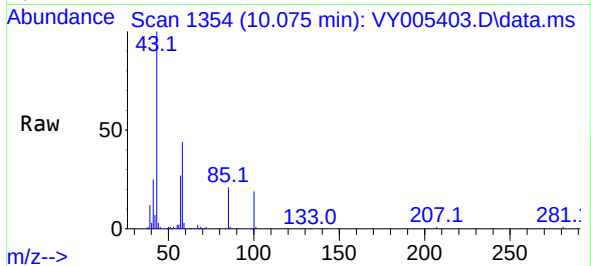
#51
4-Methyl-2-Pentanone
Concen: 24.491 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. -0.000 min
Lab File: VY005403.D
Acq: 09 Jul 2021 17:12

Tgt Ion: 43 Resp: 56051
Ion Ratio Lower Upper
43 100
58 43.5 34.8 52.2

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2021

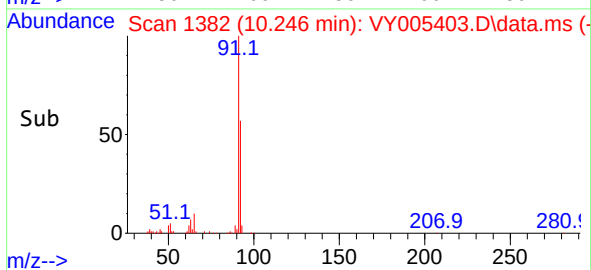
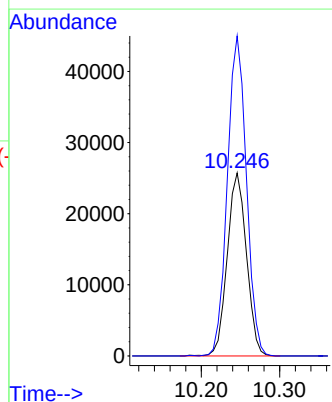
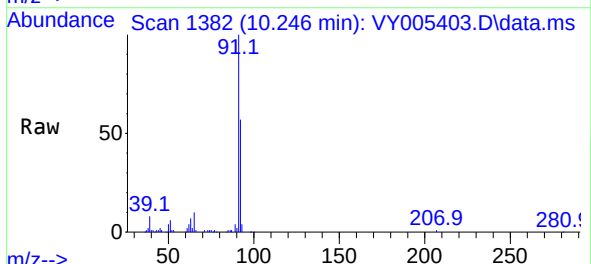
Manual Integrations
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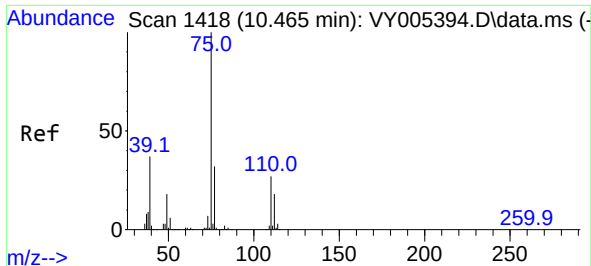
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#52
Toluene
Concen: 5.064 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY005403.D
Acq: 09 Jul 2021 17:12

Tgt Ion: 92 Resp: 43871
Ion Ratio Lower Upper
92 100
91 173.6 138.8 208.2





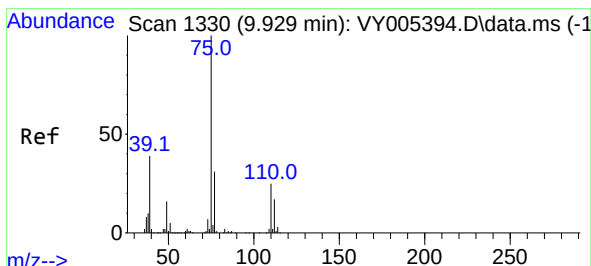
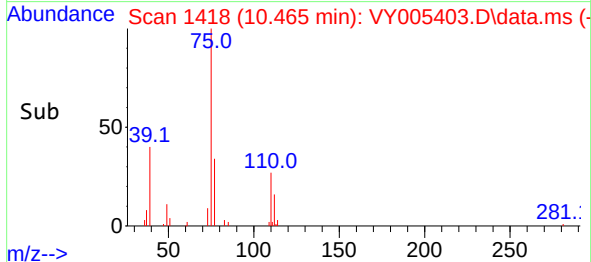
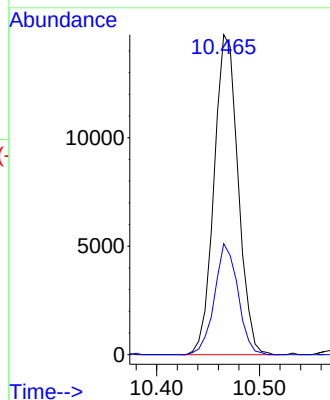
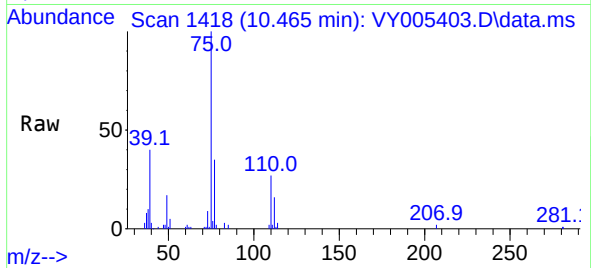
#53
t-1,3-Dichloropropene
Concen: 4.919 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VY005403.D
Acq: 09 Jul 2021 17:12

Tgt Ion: 75 Resp: 23967
Ion Ratio Lower Upper
75 100
77 34.7 25.4 38.0

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2021

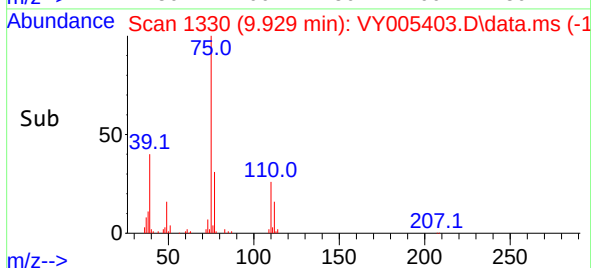
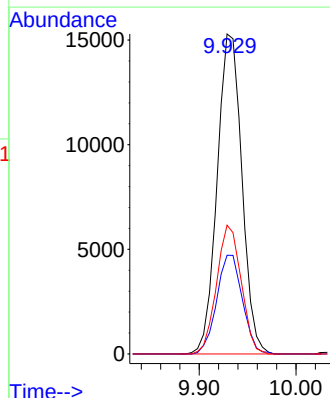
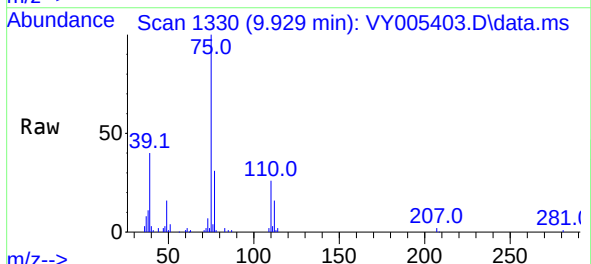
Manual Integrations
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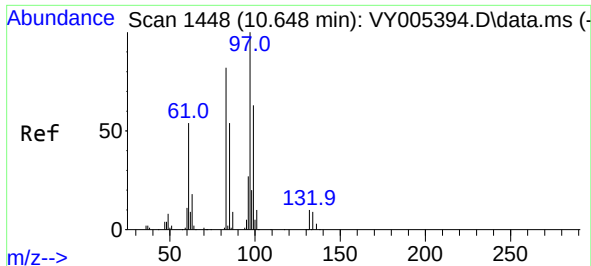
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7/12/2021 5:46:46 PM



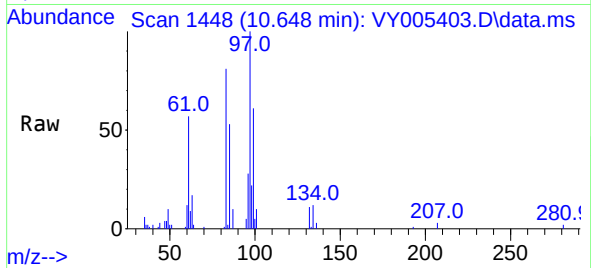
#54
cis-1,3-Dichloropropene
Concen: 5.055 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY005403.D
Acq: 09 Jul 2021 17:12

Tgt Ion: 75 Resp: 27149
Ion Ratio Lower Upper
75 100
77 30.8 25.1 37.7
39 40.2 31.5 47.3



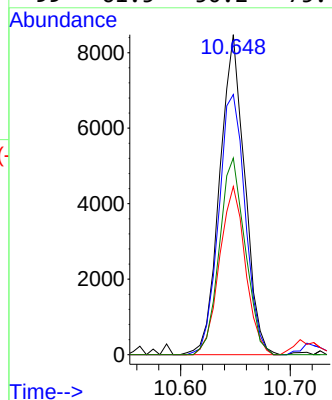


#55
1,1,2-Trichloroethane
Concen: 5.042 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VY005403.D
Acq: 09 Jul 2021 17:12



Tgt Ion: 97 Resp: 13479

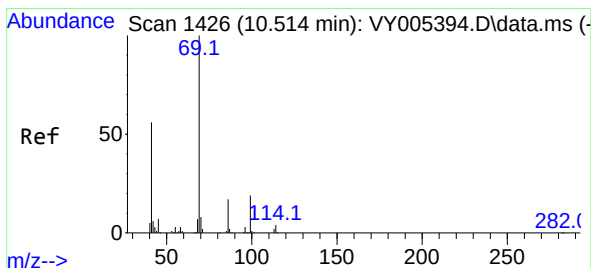
Ion	Ratio	Lower	Upper
97	100		
83	81.3	65.8	98.8
85	52.6	43.0	64.6
99	61.5	50.2	75.4



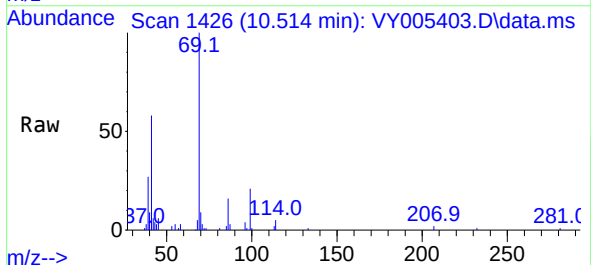
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2021

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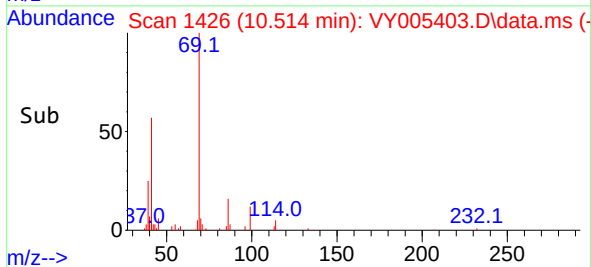
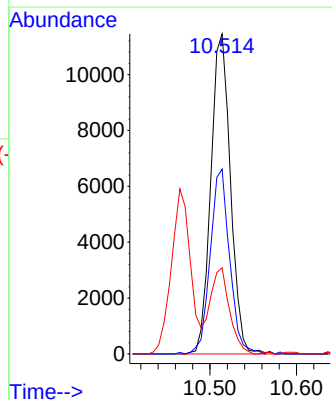


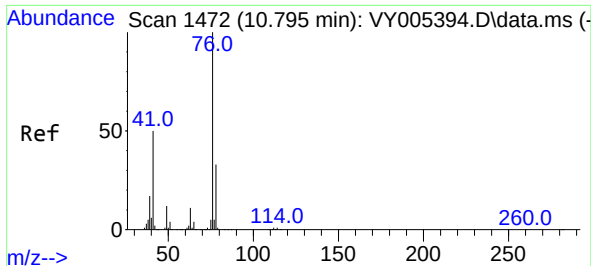
#56
Ethyl methacrylate
Concen: 4.843 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. -0.000 min
Lab File: VY005403.D
Acq: 09 Jul 2021 17:12



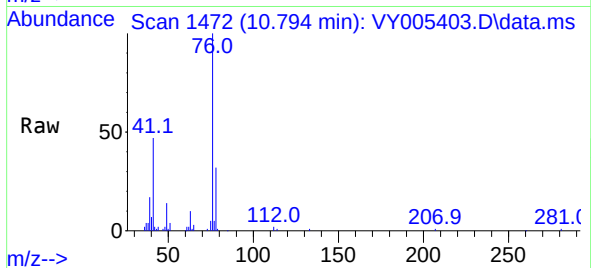
Tgt Ion: 69 Resp: 17997

Ion	Ratio	Lower	Upper
69	100		
41	57.2	45.9	68.9
39	26.9	22.4	33.6

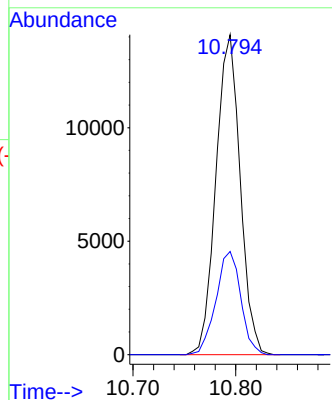
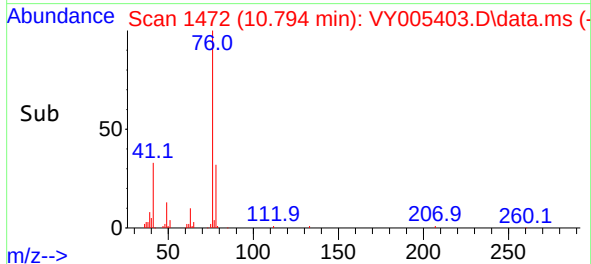




#57
1,3-Dichloropropane
Concen: 5.101 ug/l
RT: 10.794 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VY005403.D
Acq: 09 Jul 2021 17:12



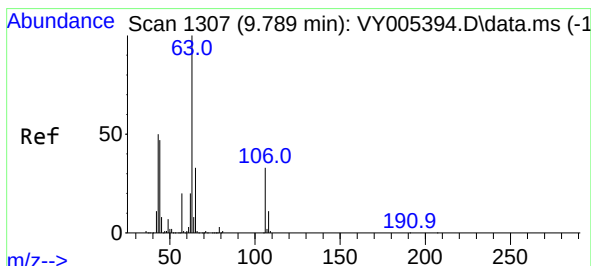
Tgt Ion: 76 Resp: 23021
Ion Ratio Lower Upper
76 100
78 33.1 26.0 39.0



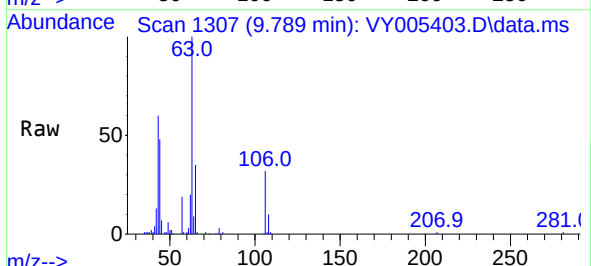
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2021

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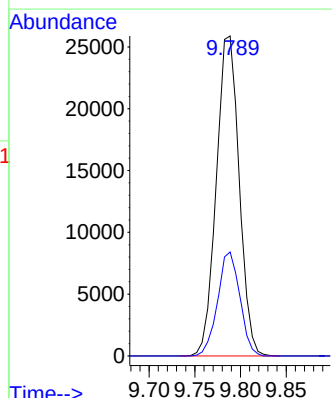
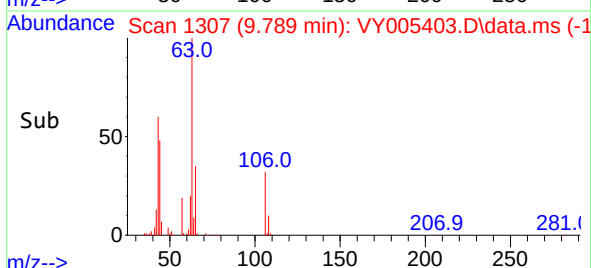
MMDadoda
7/12/2021 5:46:46 PM

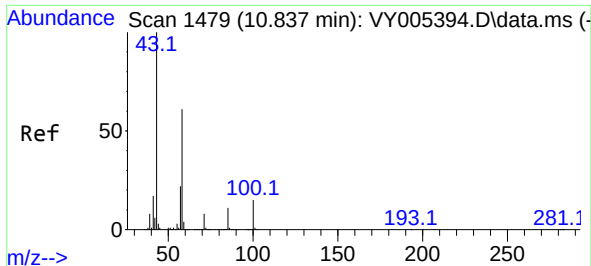


#58
2-Chloroethyl Vinyl ether
Concen: 28.346 ug/l
RT: 9.789 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VY005403.D
Acq: 09 Jul 2021 17:12



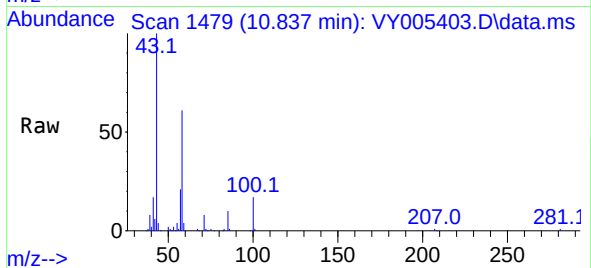
Tgt Ion: 63 Resp: 45032
Ion Ratio Lower Upper
63 100
106 31.6 25.8 38.6





#59
2-Hexanone
Concen: 24.268 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. -0.000 min
Lab File: VY005403.D
Acq: 09 Jul 2021 17:12

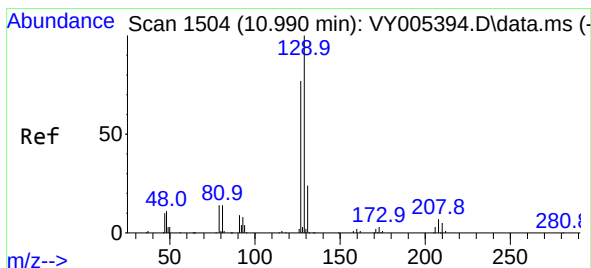
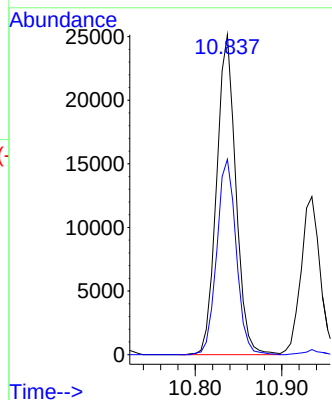
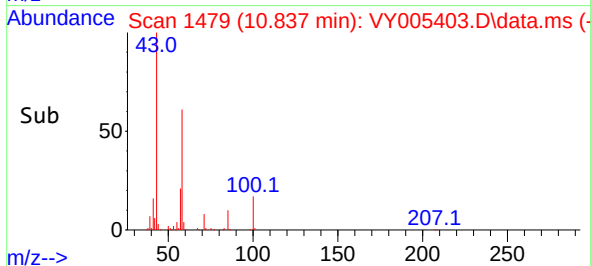
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2021



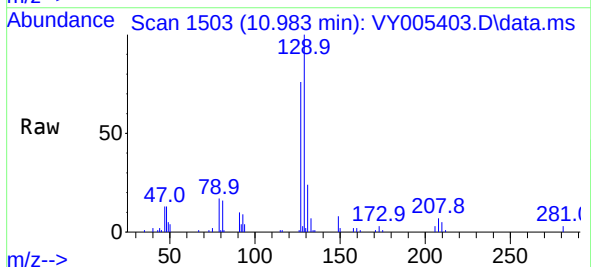
Tgt Ion: 43 Resp: 38790
Ion Ratio Lower Upper
43 100
58 61.5 30.4 91.2

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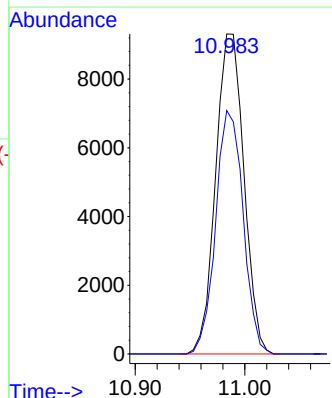
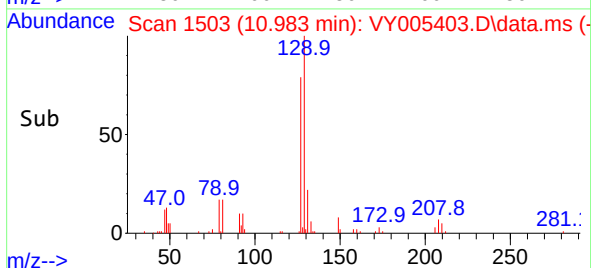
MMDadoda
7/12/2021 5:46:46 PM

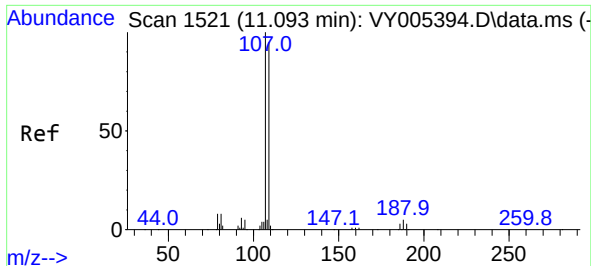


#60
Dibromochloromethane
Concen: 4.999 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.006 min
Lab File: VY005403.D
Acq: 09 Jul 2021 17:12



Tgt Ion: 129 Resp: 16698
Ion Ratio Lower Upper
129 100
127 73.9 38.4 115.1





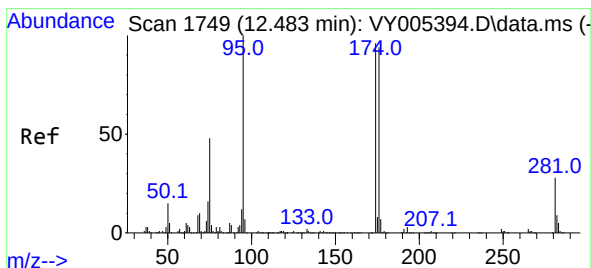
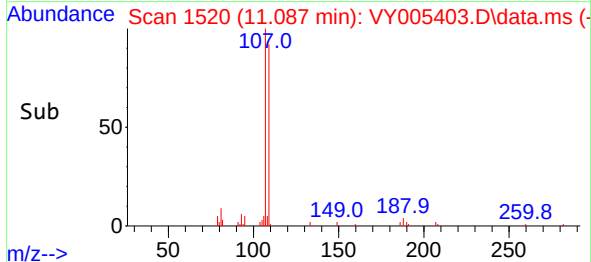
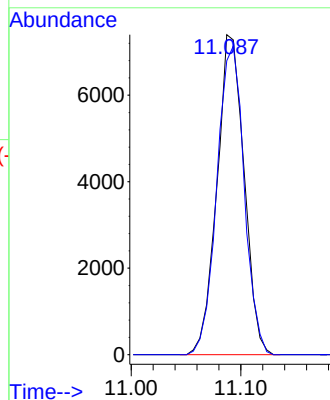
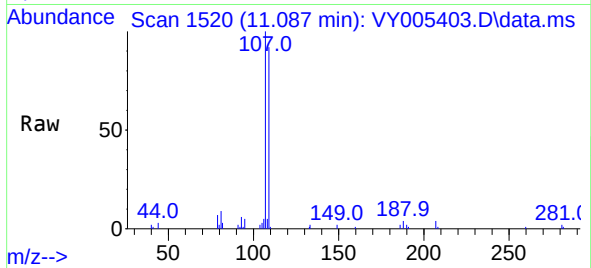
#61
1,2-Dibromoethane
Concen: 4.944 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.006 min
Lab File: VY005403.D
Acq: 09 Jul 2021 17:12

Tgt Ion: 107 Resp: 12718
Ion Ratio Lower Upper
107 100
109 97.1 74.8 112.2

Instrument :
MSVOA_Y
ClientSampleId :
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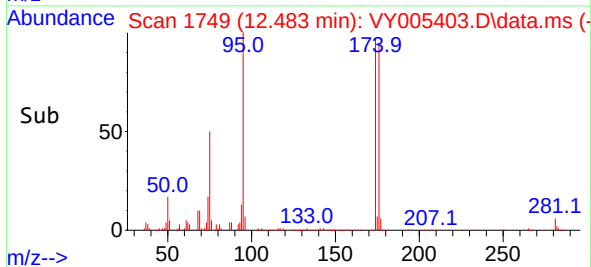
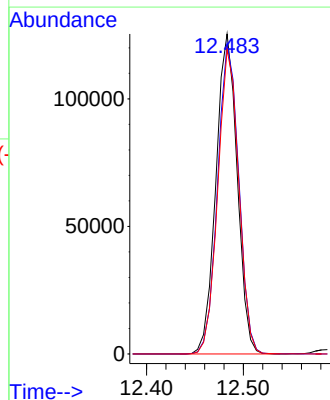
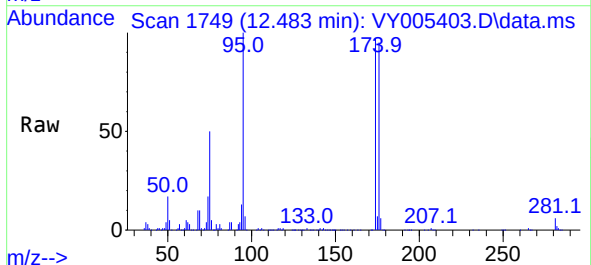
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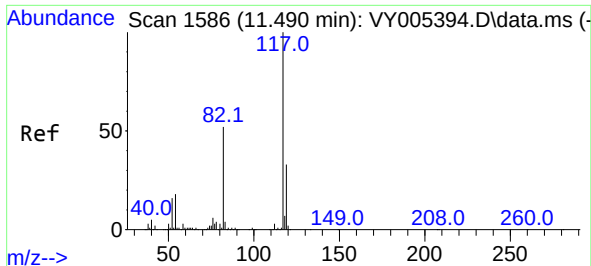
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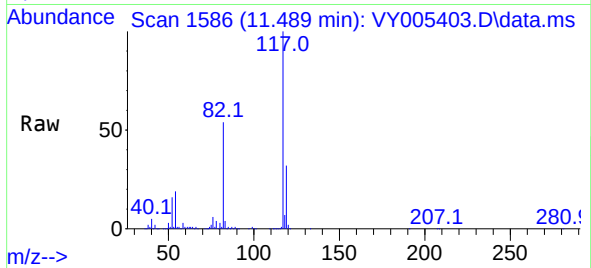
#62
4-Bromofluorobenzene
Concen: 49.303 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005403.D
Acq: 09 Jul 2021 17:12

Tgt Ion: 95 Resp: 190967
Ion Ratio Lower Upper
95 100
174 96.5 0.0 196.2
176 93.8 0.0 189.6

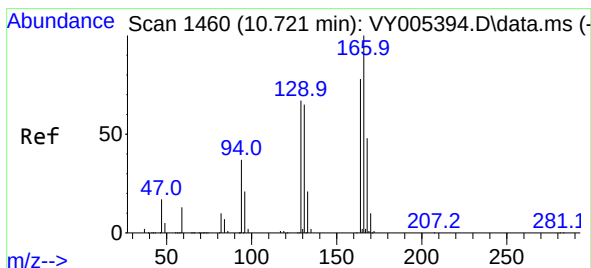
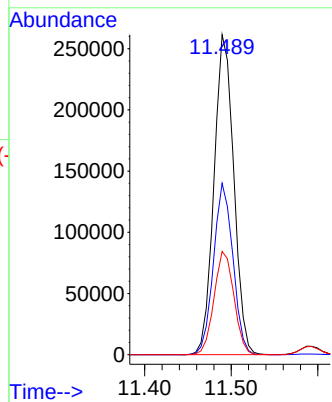
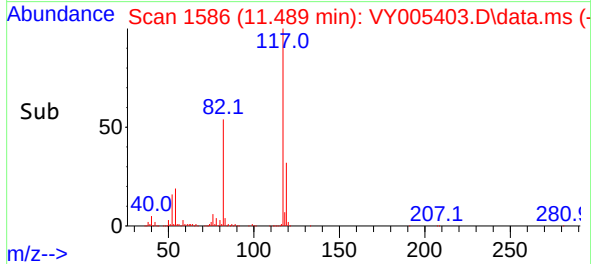




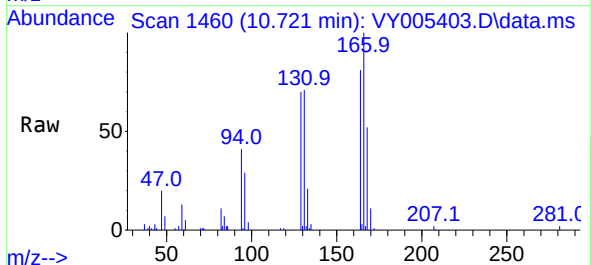
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY005403.D
Acq: 09 Jul 2021 17:12



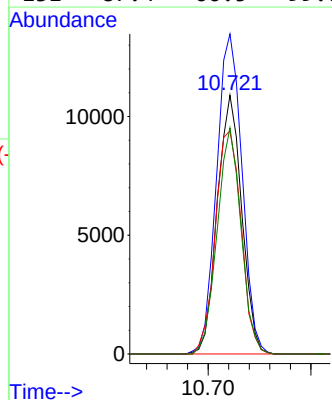
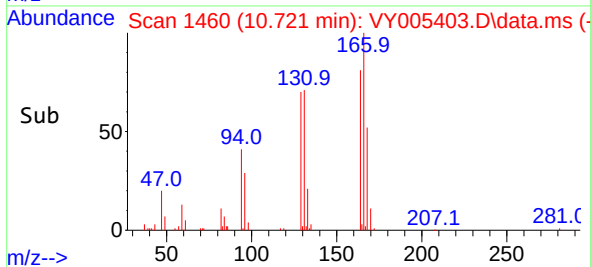
Tgt Ion:117 Resp: 414942
Ion Ratio Lower Upper
117 100
82 53.5 41.6 62.4
119 32.2 26.1 39.1



#64
Tetrachloroethene
Concen: 4.801 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY005403.D
Acq: 09 Jul 2021 17:12



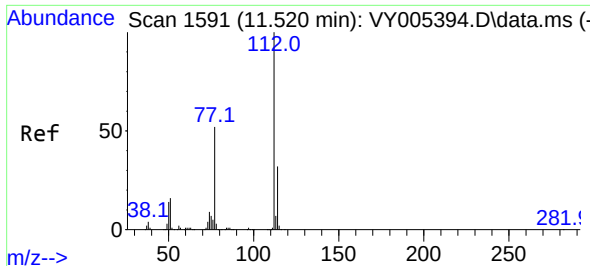
Tgt Ion:164 Resp: 18017
Ion Ratio Lower Upper
164 100
166 123.7 102.6 154.0
129 86.2 68.4 102.6
131 87.4 66.5 99.7



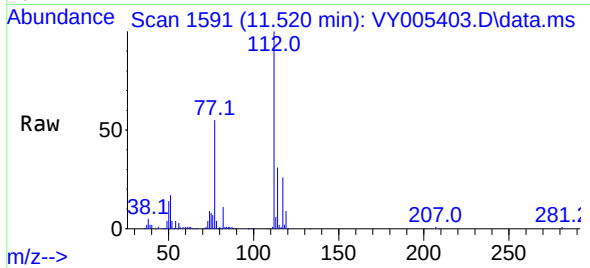
Instrument :
MSVOA_Y
ClientSampleId :
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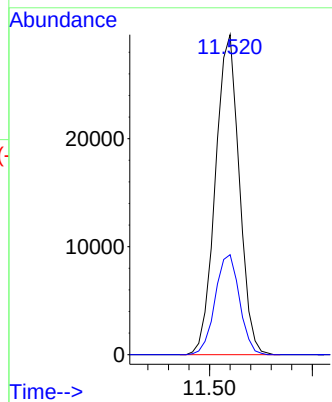
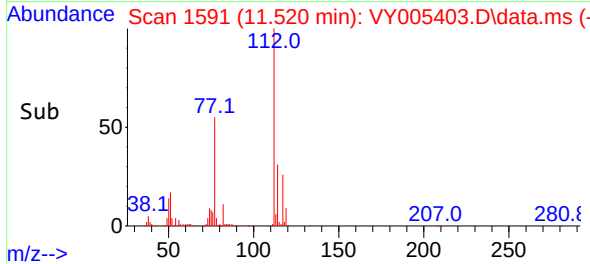
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#65
Chlorobenzene
Concen: 5.162 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY005403.D
Acq: 09 Jul 2021 17:12



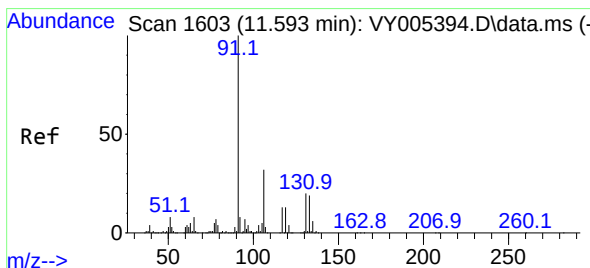
Tgt Ion:112 Resp: 47668
Ion Ratio Lower Upper
112 100
114 31.2 25.8 38.6



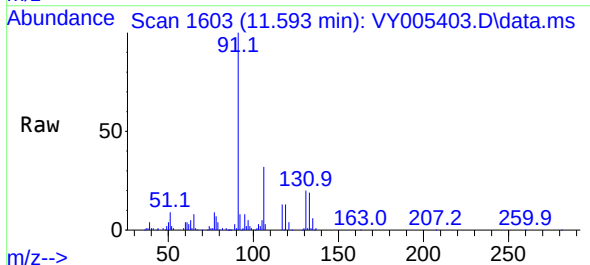
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2021

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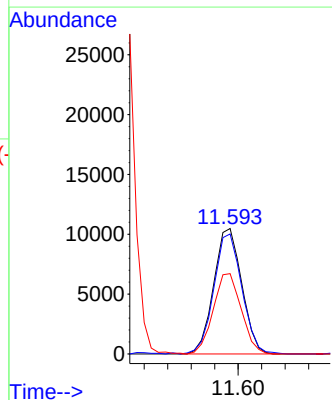
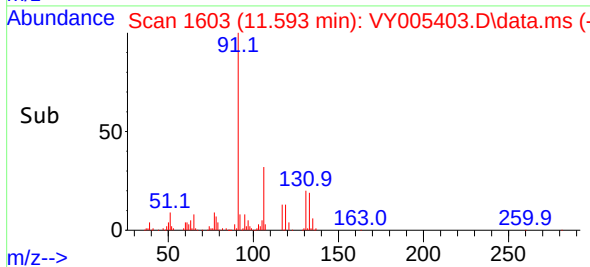
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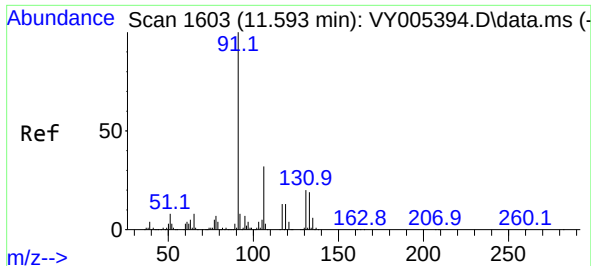


#66
1,1,1,2-Tetrachloroethane
Concen: 5.059 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY005403.D
Acq: 09 Jul 2021 17:12



Tgt Ion:131 Resp: 17373
Ion Ratio Lower Upper
131 100
133 96.1 48.4 145.2
119 64.0 31.8 95.4





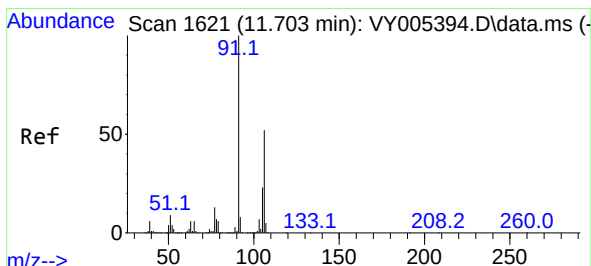
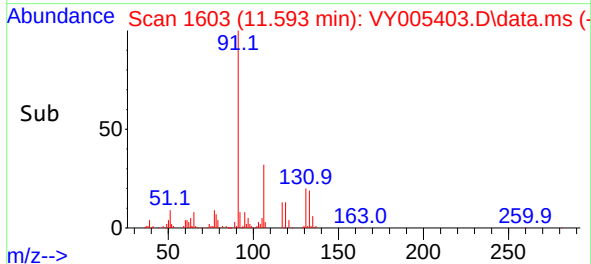
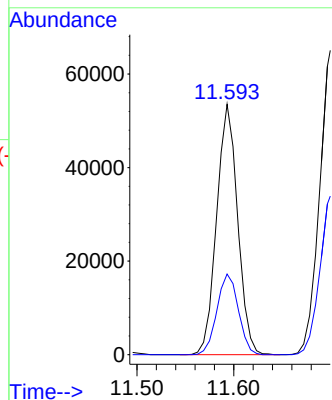
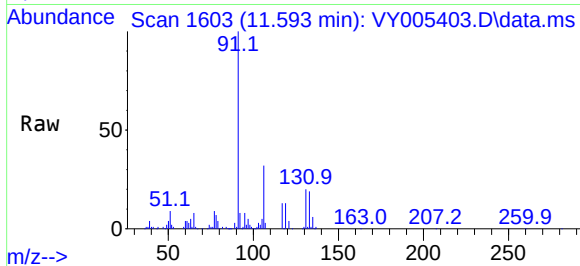
#67
Ethyl Benzene
Concen: 4.978 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY005403.D
Acq: 09 Jul 2021 17:12

Tgt Ion: 91 Resp: 80552
Ion Ratio Lower Upper
91 100
106 32.2 25.8 38.8

Instrument :
MSVOA_Y
ClientSampleId :
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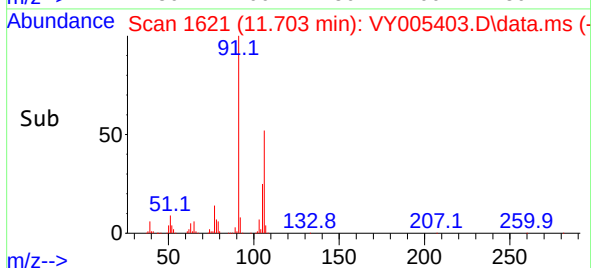
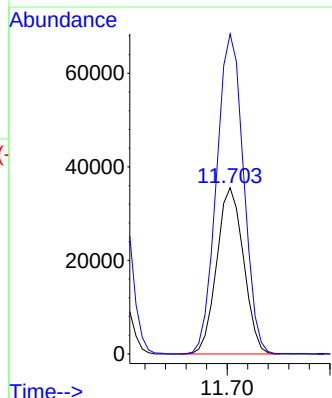
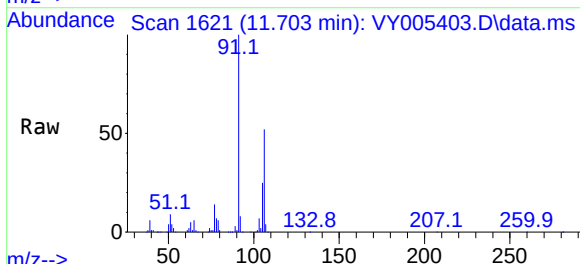
Manual Integrations
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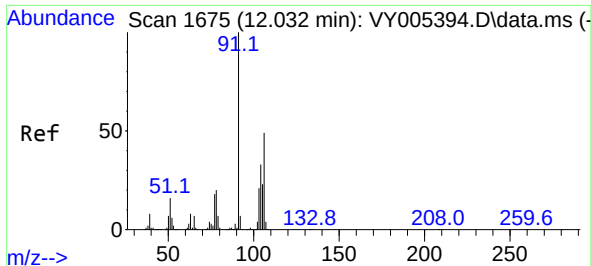
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#68
m/p-Xylenes
Concen: 9.932 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY005403.D
Acq: 09 Jul 2021 17:12

Tgt Ion: 106 Resp: 64301
Ion Ratio Lower Upper
106 100
91 194.4 154.8 232.2





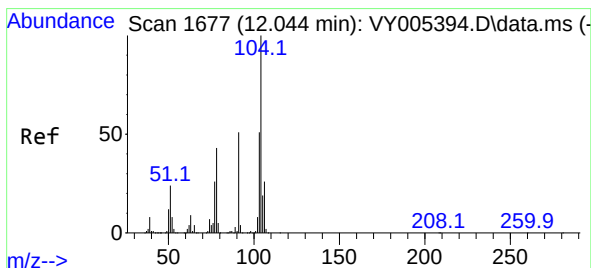
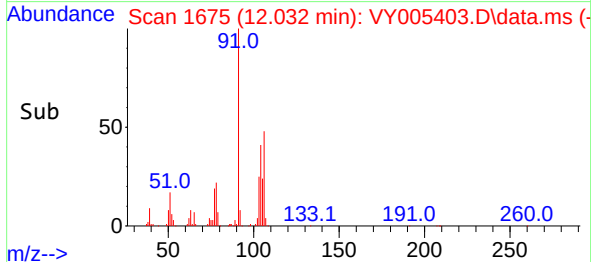
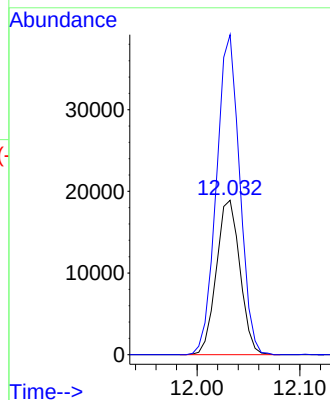
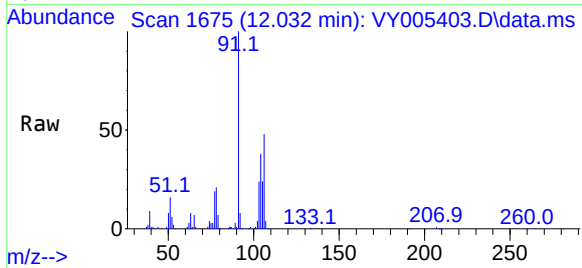
#69
o-Xylene
Concen: 4.894 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY005403.D
Acq: 09 Jul 2021 17:12

Tgt Ion:106 Resp: 30141
Ion Ratio Lower Upper
106 100
91 203.9 102.4 307.2

Instrument :
MSVOA_Y
ClientSampleId :
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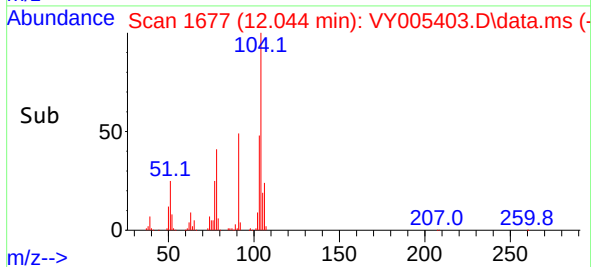
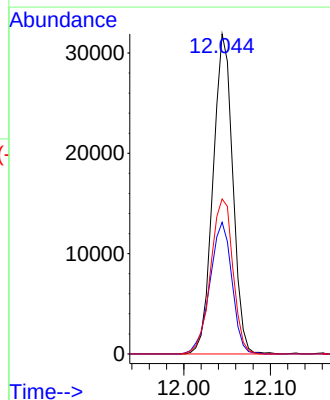
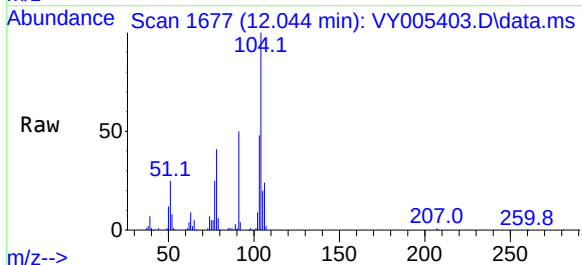
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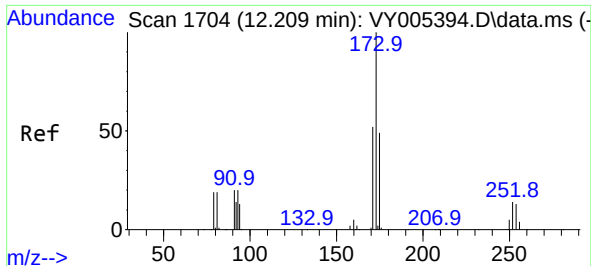
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#70
Styrene
Concen: 4.848 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY005403.D
Acq: 09 Jul 2021 17:12

Tgt Ion:104 Resp: 50601
Ion Ratio Lower Upper
104 100
78 45.8 37.0 55.4
103 54.4 43.6 65.4





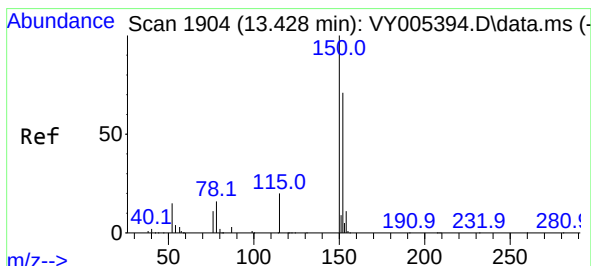
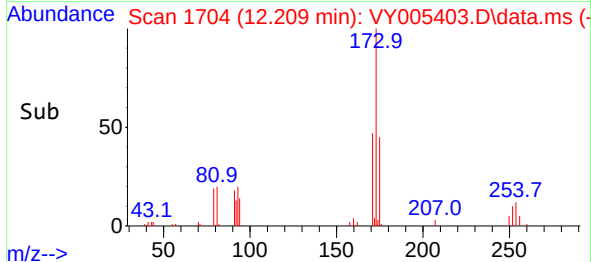
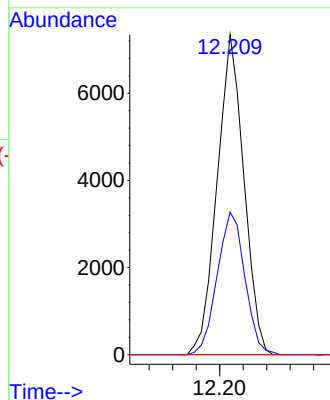
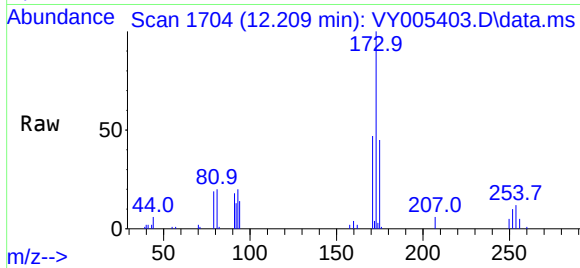
#71
Bromoform
Concen: 5.112 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY005403.D
Acq: 09 Jul 2021 17:12

Tgt Ion:173 Resp: 11605
Ion Ratio Lower Upper
173 100
175 46.1 24.1 72.4
254 0.0 0.1 0.1#

Instrument :
MSVOA_Y
ClientSampleId :
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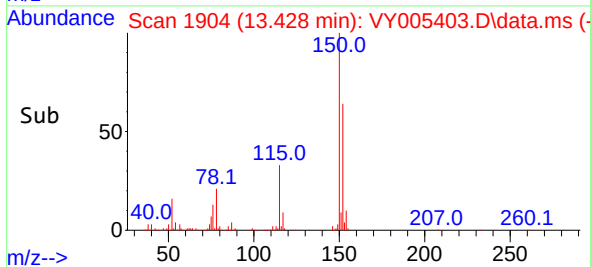
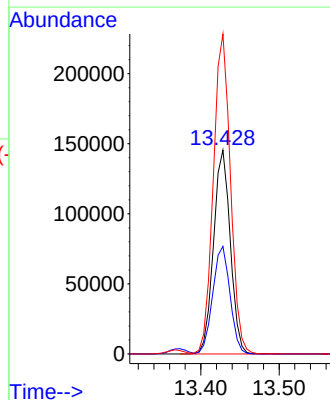
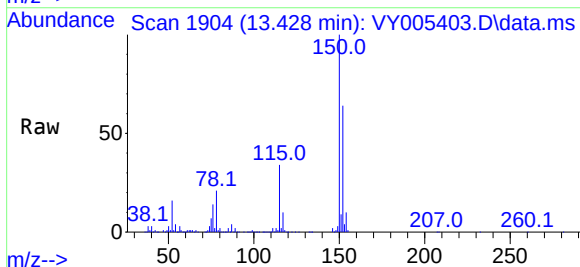
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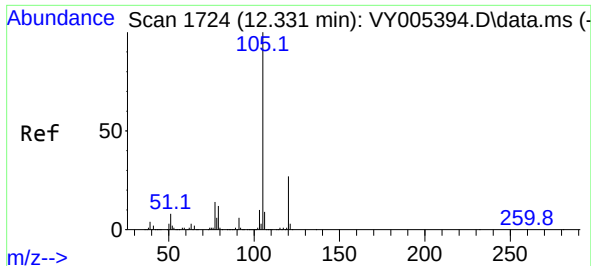
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005403.D
Acq: 09 Jul 2021 17:12

Tgt Ion:152 Resp: 215956
Ion Ratio Lower Upper
152 100
115 54.4 26.8 80.3
150 160.8 0.0 349.8





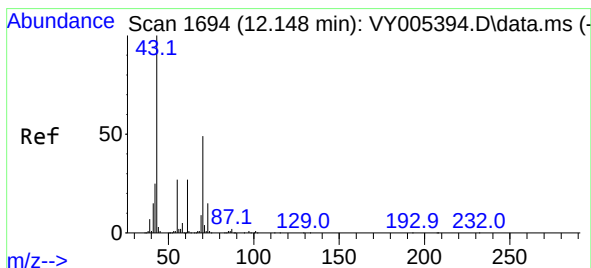
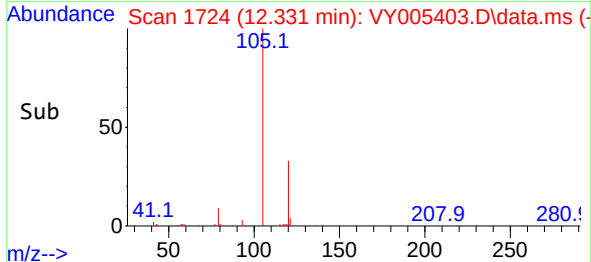
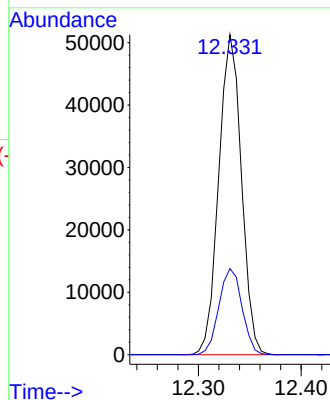
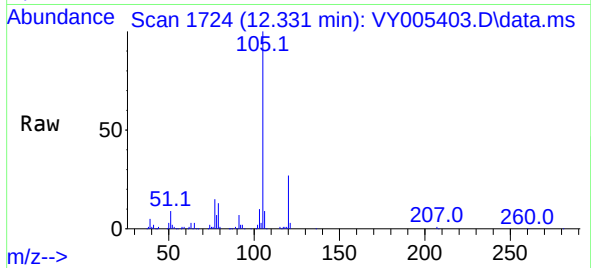
#73
Isopropylbenzene
Concen: 4.990 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY005403.D
Acq: 09 Jul 2021 17:12

Tgt Ion: 105 Resp: 78425
Ion Ratio Lower Upper
105 100
120 27.4 13.7 41.0

Instrument :
MSVOA_Y
ClientSampleId :
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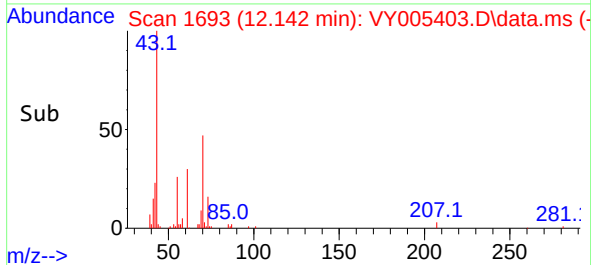
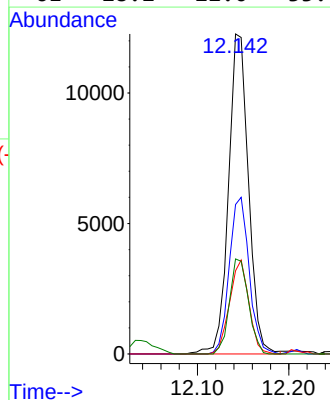
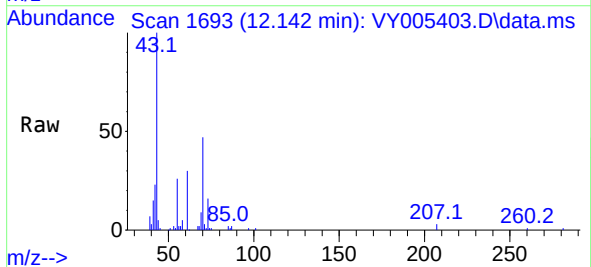
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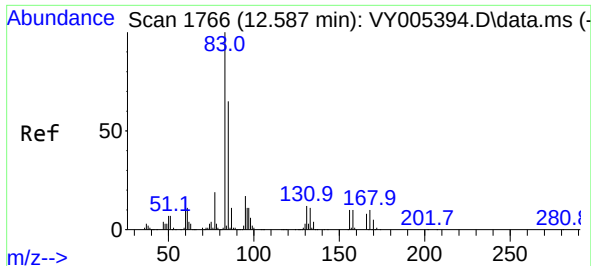
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#74
N-ethyl acetate
Concen: 5.005 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VY005403.D
Acq: 09 Jul 2021 17:12

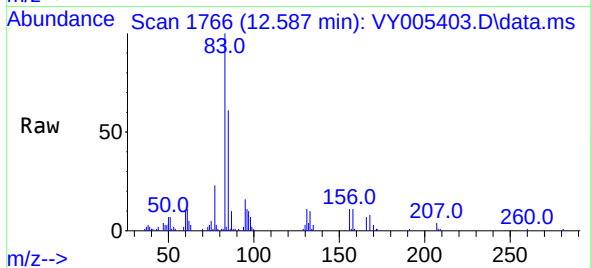
Tgt Ion: 43 Resp: 18640
Ion Ratio Lower Upper
43 100
70 48.9 39.8 59.8
55 28.2 21.2 31.8
61 28.2 22.0 33.0





#75
1,1,2,2-Tetrachloroethane
Concen: 5.357 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. -0.000 min
Lab File: VY005403.D
Acq: 09 Jul 2021 17:12

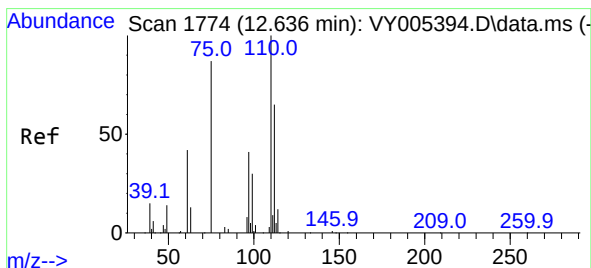
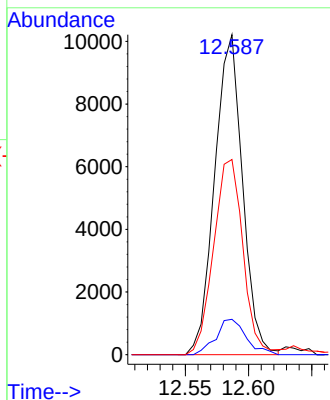
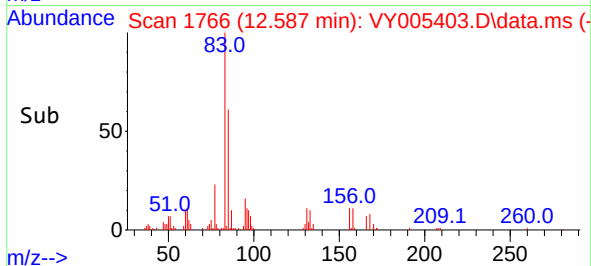
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2021



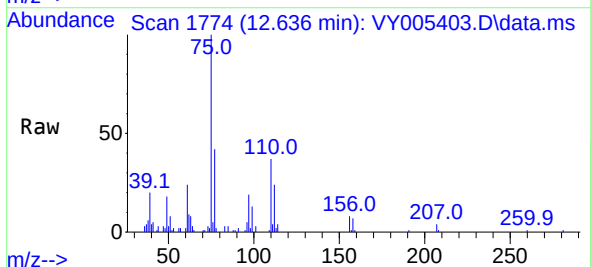
Tgt Ion: 83 Resp: 15625
Ion Ratio Lower Upper
83 100
131 12.0 5.9 17.7
85 64.3 32.4 97.2

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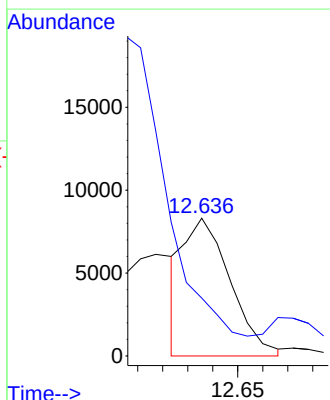
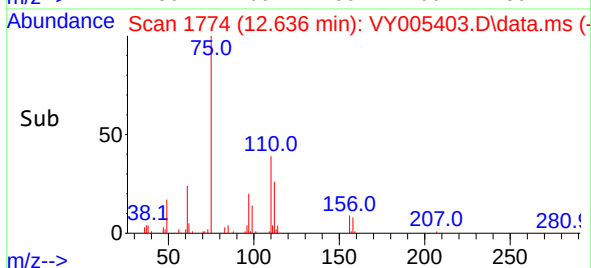
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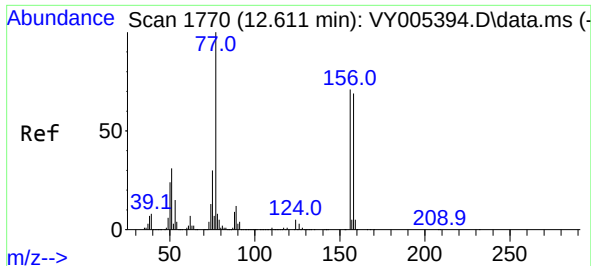


#76
1,2,3-Trichloropropane
Concen: 5.149 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY005403.D
Acq: 09 Jul 2021 17:12



Tgt Ion: 75 Resp: 10754
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





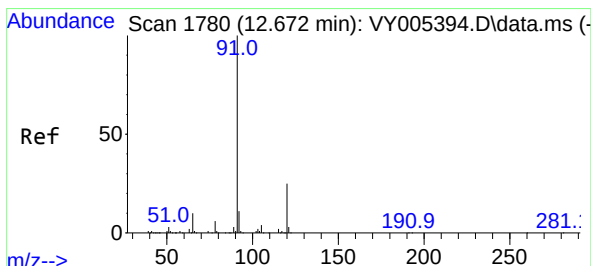
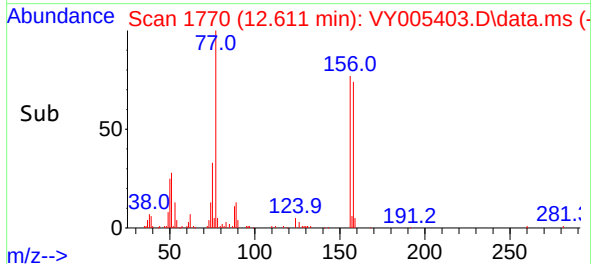
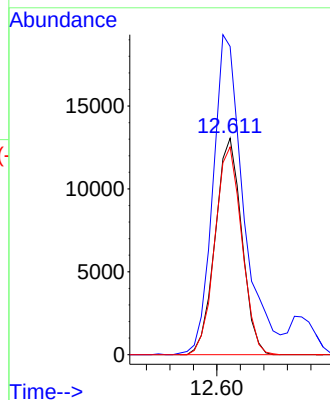
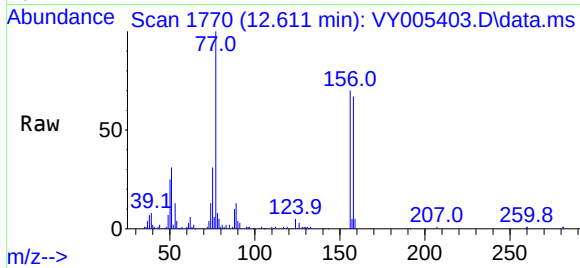
#77
Bromobenzene
Concen: 5.164 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. -0.000 min
Lab File: VY005403.D
Acq: 09 Jul 2021 17:12

Tgt Ion: 156 Resp: 20473
Ion Ratio Lower Upper
156 100
77 169.5 80.7 242.1
158 97.3 48.9 146.8

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2021

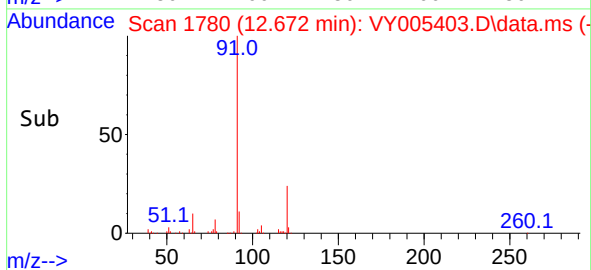
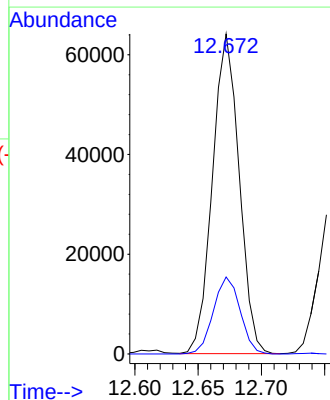
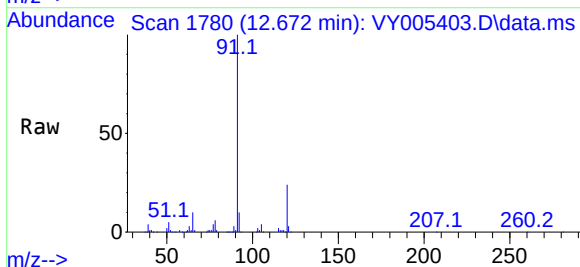
Manual Integrations
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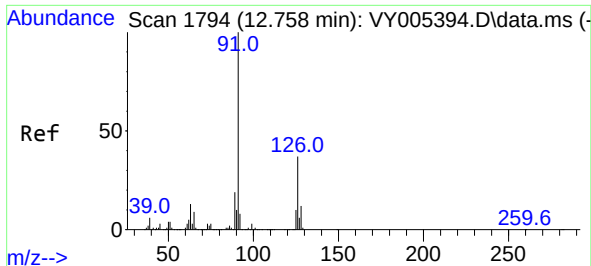
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#78
n-propylbenzene
Concen: 5.078 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY005403.D
Acq: 09 Jul 2021 17:12

Tgt Ion: 91 Resp: 93936
Ion Ratio Lower Upper
91 100
120 24.1 12.3 36.9





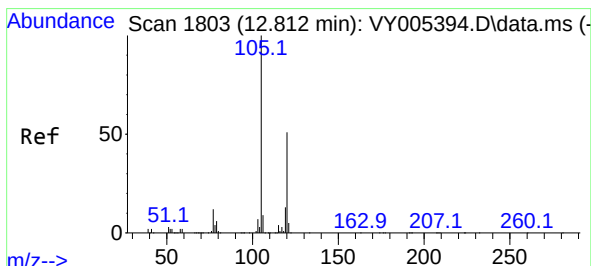
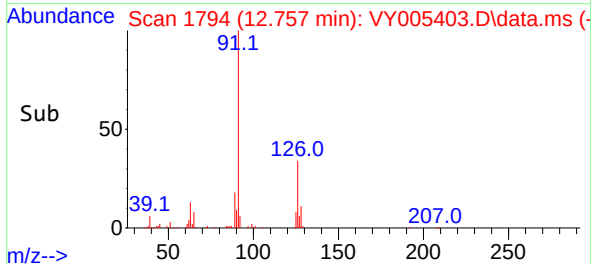
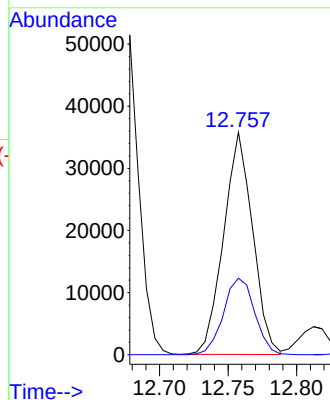
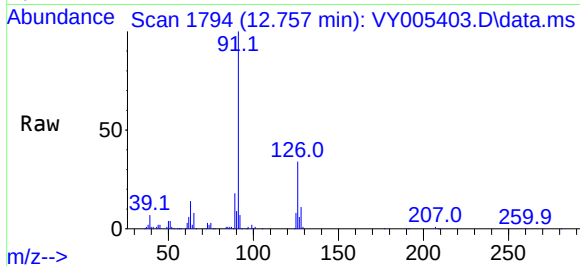
#79
2-Chlorotoluene
Concen: 5.079 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY005403.D
Acq: 09 Jul 2021 17:12

Tgt Ion: 91 Resp: 52793
Ion Ratio Lower Upper
91 100
126 37.0 18.4 55.0

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2021

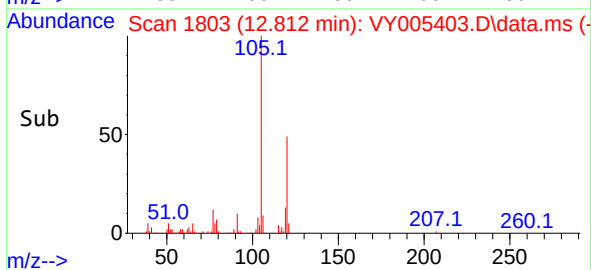
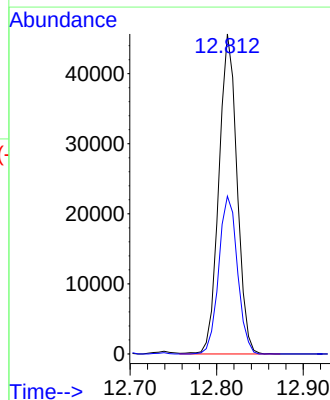
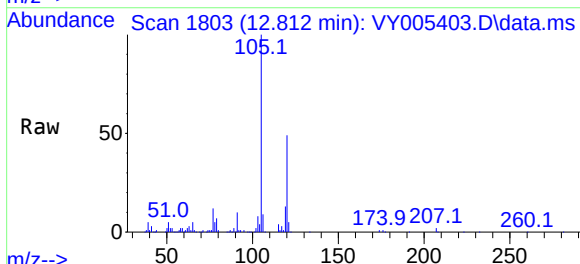
Manual Integrations
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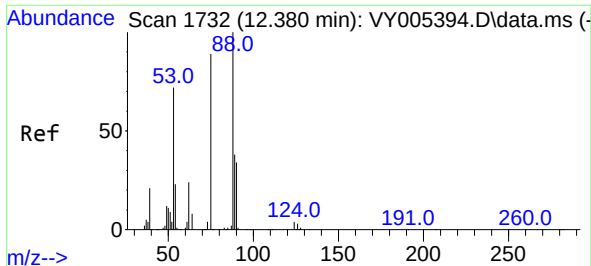
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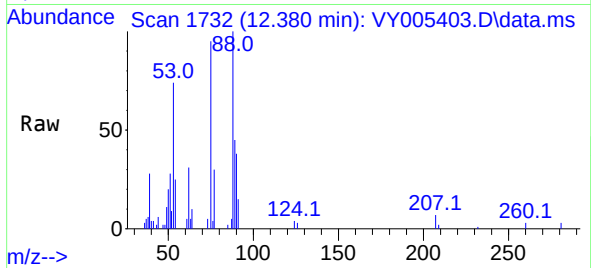
#80
1,3,5-Trimethylbenzene
Concen: 5.071 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY005403.D
Acq: 09 Jul 2021 17:12

Tgt Ion: 105 Resp: 66488
Ion Ratio Lower Upper
105 100
120 50.7 25.4 76.4

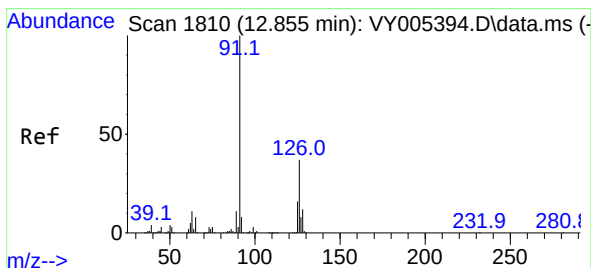
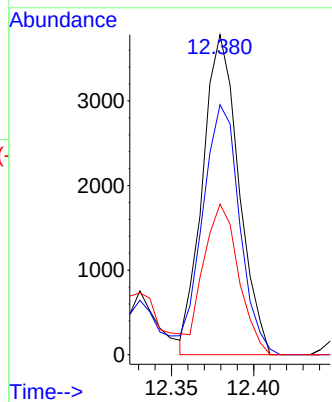
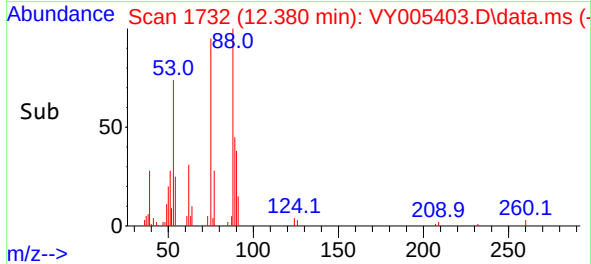




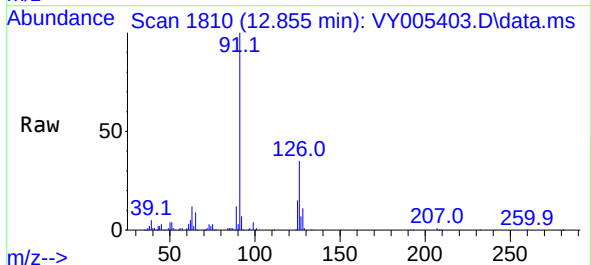
#81
trans-1,4-Dichloro-2-butene
Concen: 5.145 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY005403.D
Acq: 09 Jul 2021 17:12



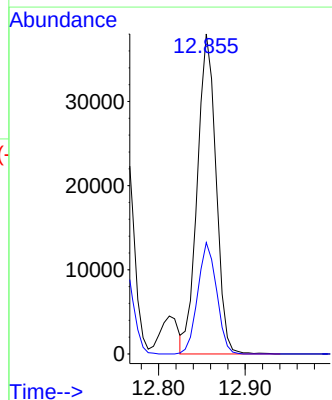
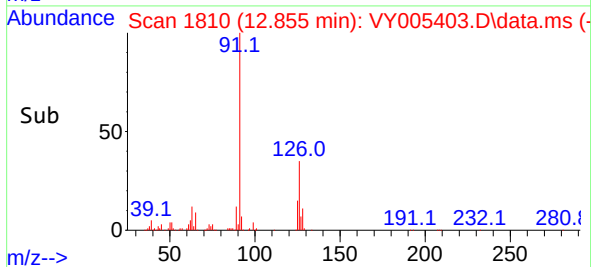
Tgt Ion: 75 Resp: 5780
Ion Ratio Lower Upper
75 100
53 80.8 66.2 99.2
89 46.3 37.2 55.8



#82
4-Chlorotoluene
Concen: 5.279 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY005403.D
Acq: 09 Jul 2021 17:12



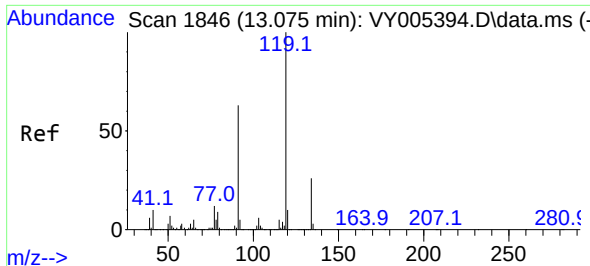
Tgt Ion: 91 Resp: 57035
Ion Ratio Lower Upper
91 100
126 35.0 18.4 55.0



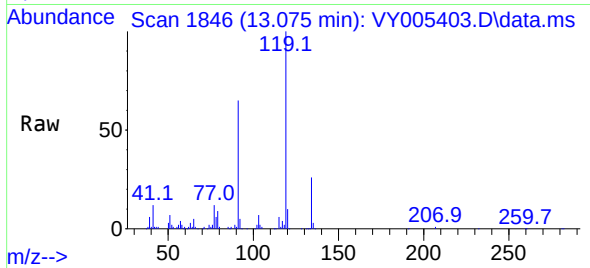
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2021

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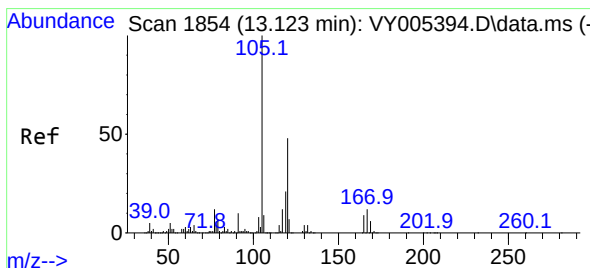
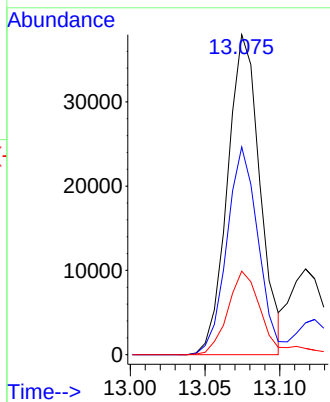
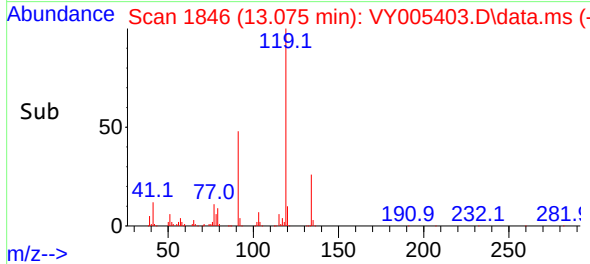
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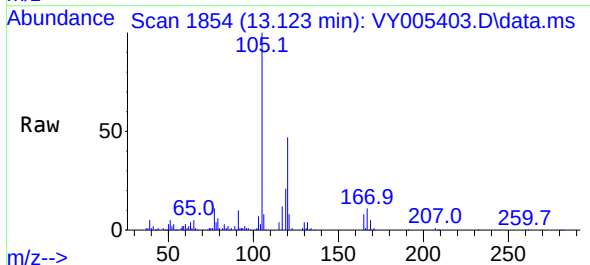
#83
tert-Butylbenzene
Concen: 4.914 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY005403.D
Acq: 09 Jul 2021 17:12



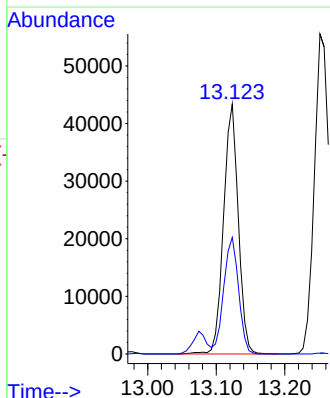
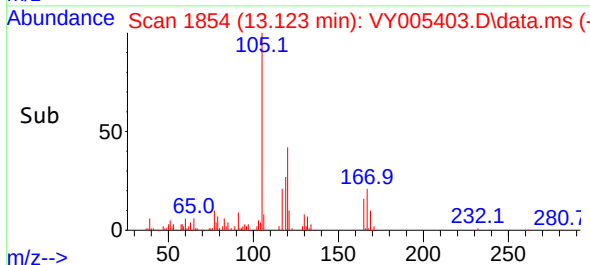
Tgt Ion:119 Resp: 57274
Ion Ratio Lower Upper
119 100
91 63.3 31.1 93.2
134 28.0 13.8 41.4



#84
1,2,4-Trimethylbenzene
Concen: 4.931 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY005403.D
Acq: 09 Jul 2021 17:12



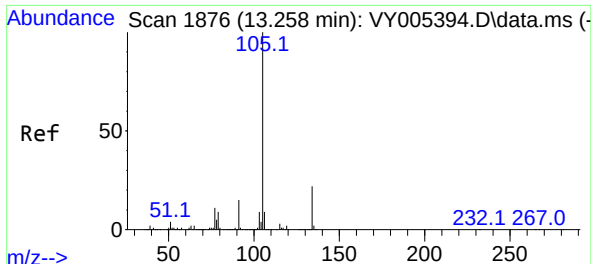
Tgt Ion:105 Resp: 64593
Ion Ratio Lower Upper
105 100
120 46.9 23.6 71.0



Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2021

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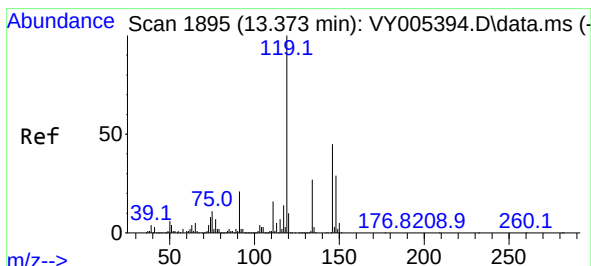
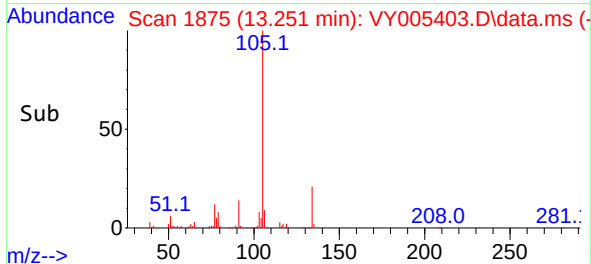
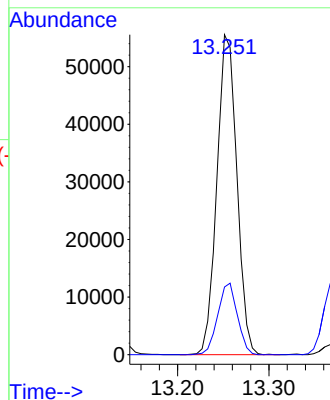
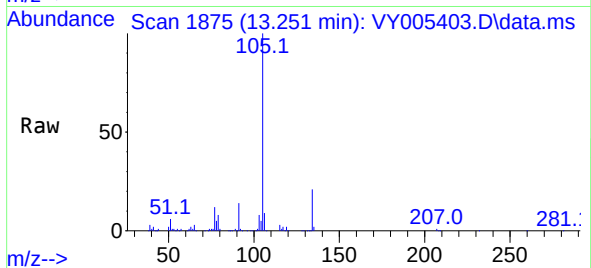
#85
 sec-Butylbenzene
 Concen: 4.961 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.006 min
 Lab File: VY005403.D
 Acq: 09 Jul 2021 17:12

Tgt Ion:105 Resp: 84494
 Ion Ratio Lower Upper
 105 100
 134 22.0 10.9 32.6

Instrument :
 MSVOA_Y
 ClientSampleId :
 LOQ-SOIL-02-QT3-2021

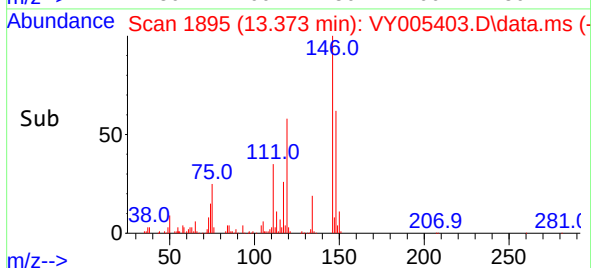
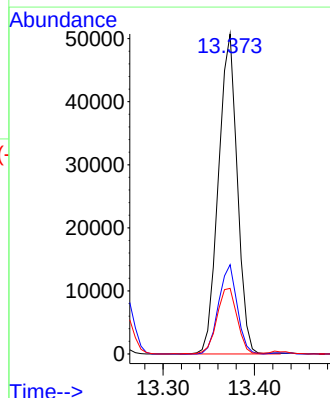
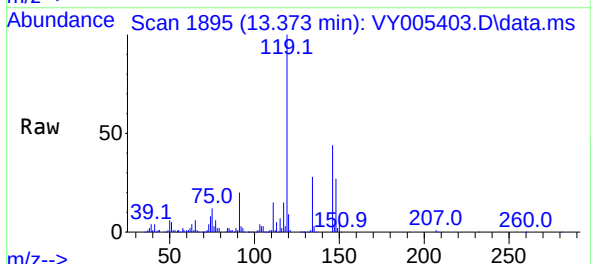
Manual Integrations
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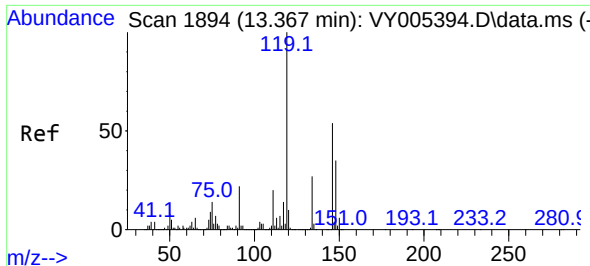
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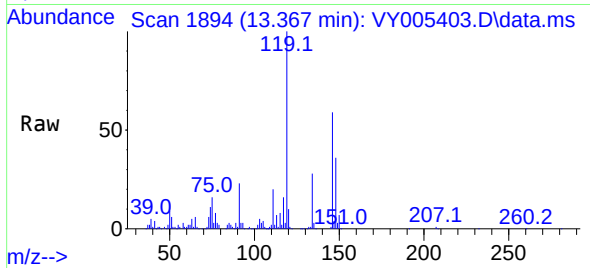
#86
 p-Isopropyltoluene
 Concen: 4.918 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. -0.000 min
 Lab File: VY005403.D
 Acq: 09 Jul 2021 17:12

Tgt Ion:119 Resp: 72726
 Ion Ratio Lower Upper
 119 100
 134 27.4 13.6 40.8
 91 22.0 10.9 32.6

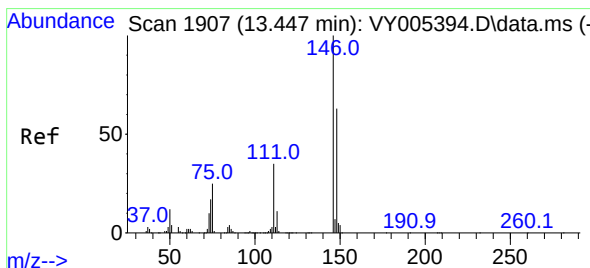
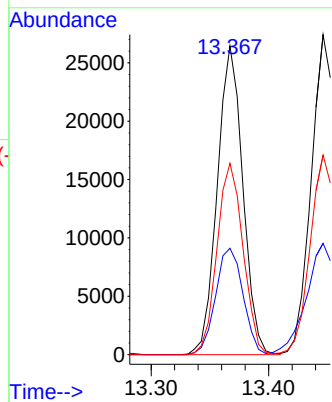
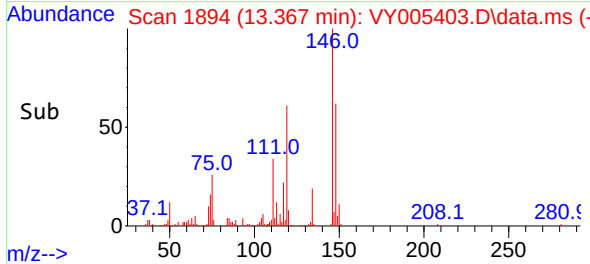




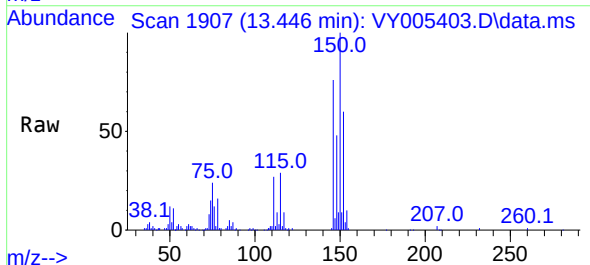
#87
1,3-Dichlorobenzene
Concen: 5.086 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY005403.D
Acq: 09 Jul 2021 17:12



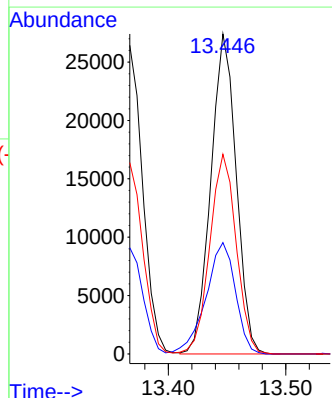
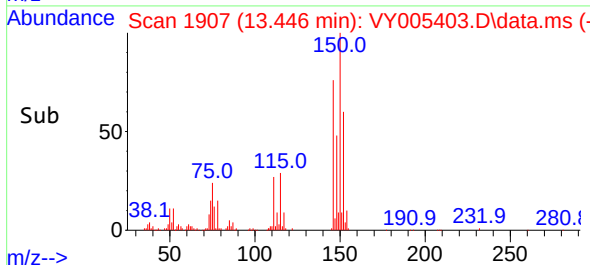
Tgt Ion:146 Resp: 39979
Ion Ratio Lower Upper
146 100
111 37.1 18.4 55.0
148 63.1 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 5.312 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY005403.D
Acq: 09 Jul 2021 17:12



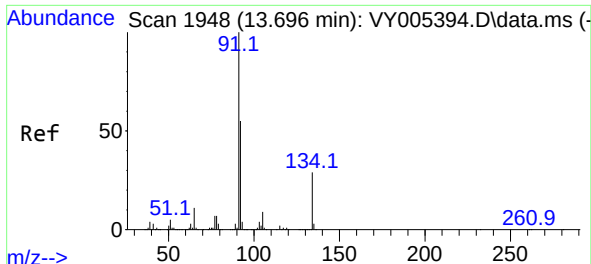
Tgt Ion:146 Resp: 41274
Ion Ratio Lower Upper
146 100
111 40.5 17.9 53.8
148 65.0 32.1 96.5



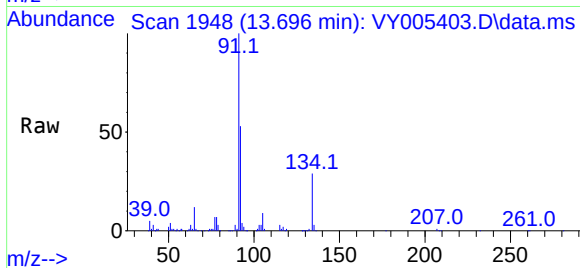
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2021

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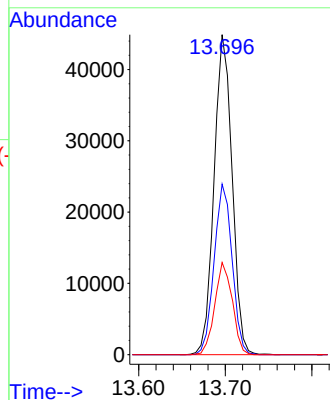
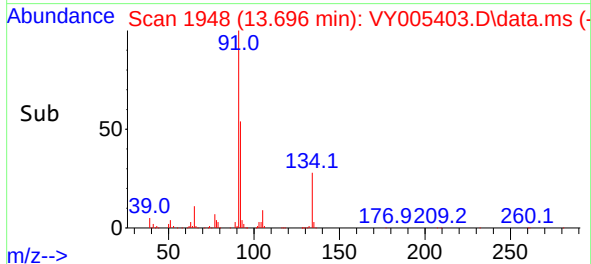
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#89
n-Butylbenzene
Concen: 4.956 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY005403.D
Acq: 09 Jul 2021 17:12



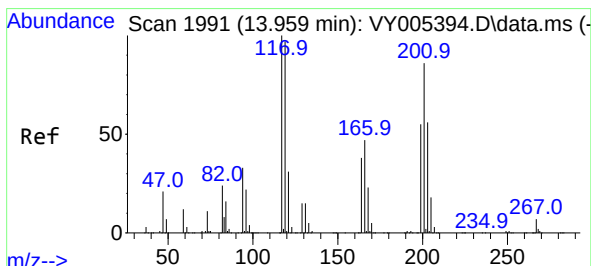
Tgt Ion: 91 Resp: 64950
Ion Ratio Lower Upper
91 100
92 53.1 27.2 81.5
134 28.0 14.5 43.5



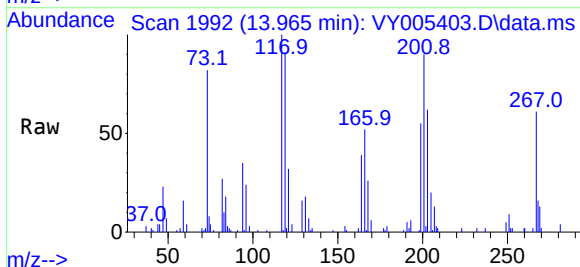
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ClientSampleId :
LOQ-SOIL-02-QT3-2021

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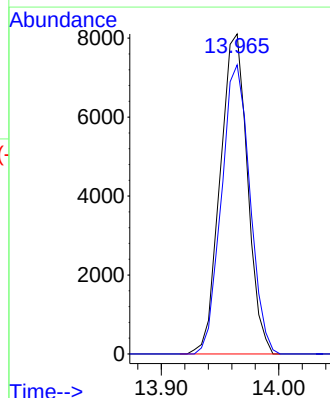
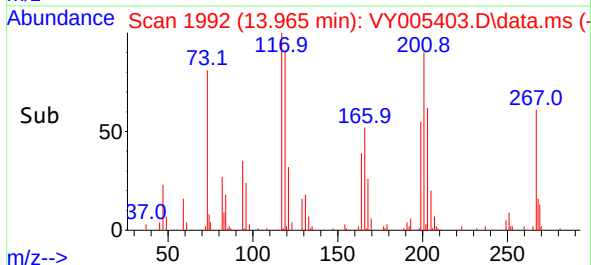
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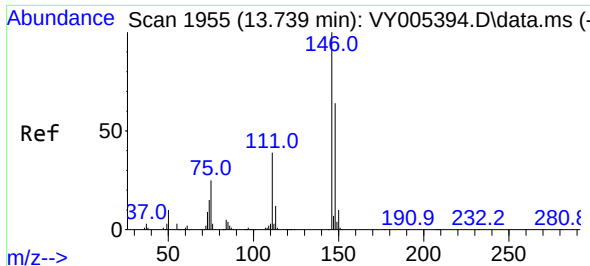


#90
Hexachloroethane
Concen: 4.953 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.006 min
Lab File: VY005403.D
Acq: 09 Jul 2021 17:12



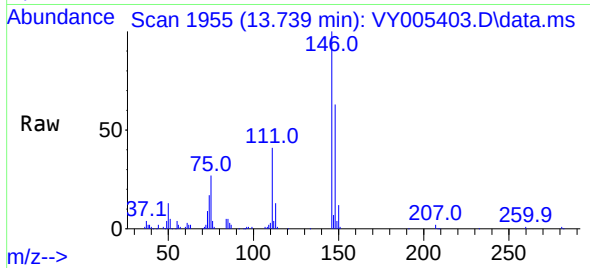
Tgt Ion: 117 Resp: 13113
Ion Ratio Lower Upper
117 100
201 93.7 47.6 142.9





#91
1,2-Dichlorobenzene
Concen: 5.170 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY005403.D
Acq: 09 Jul 2021 17:12

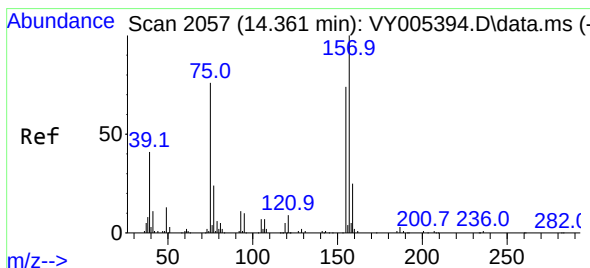
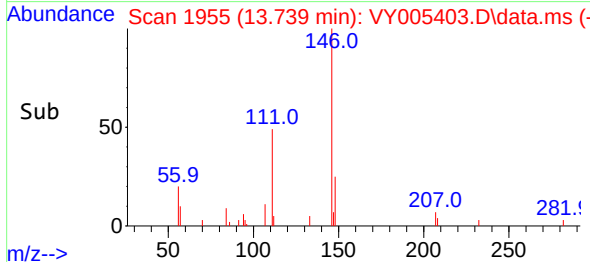
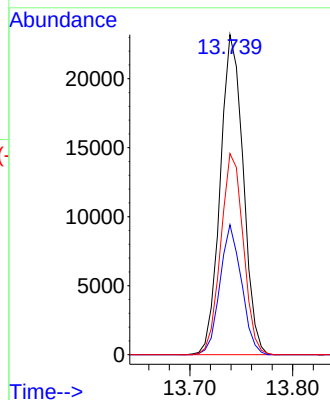
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ClientSampleId :
LOQ-SOIL-02-QT3-2021



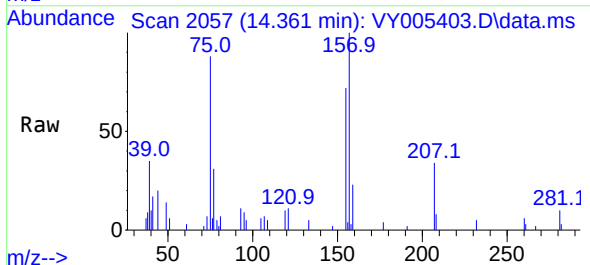
Tgt Ion:146 Resp: 35923
Ion Ratio Lower Upper
146 100
111 38.1 19.0 57.0
148 61.9 31.9 95.7

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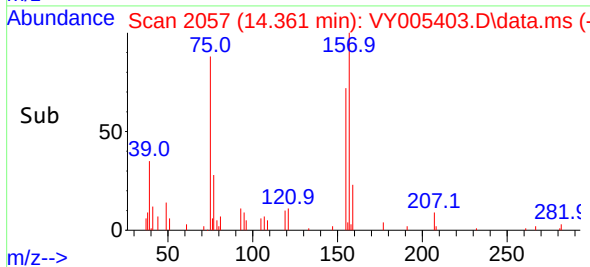
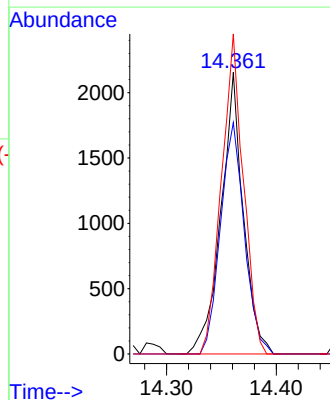
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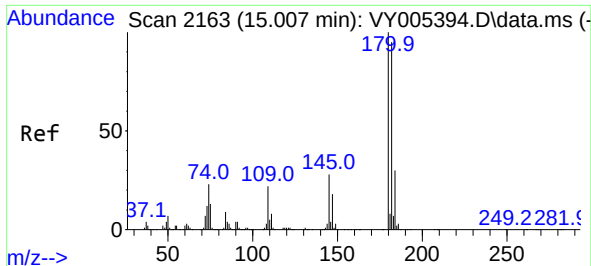


#92
1,2-Dibromo-3-Chloropropane
Concen: 5.547 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VY005403.D
Acq: 09 Jul 2021 17:12



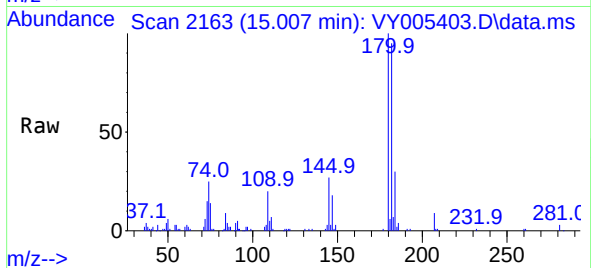
Tgt Ion: 75 Resp: 3060
Ion Ratio Lower Upper
75 100
155 87.3 48.1 144.3
157 111.5 61.8 185.4





#93
1,2,4-Trichlorobenzene
Concen: 5.024 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. -0.000 min
Lab File: VY005403.D
Acq: 09 Jul 2021 17:12

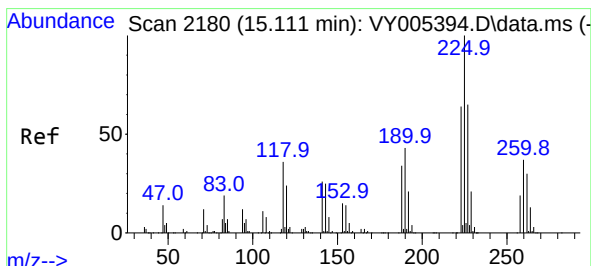
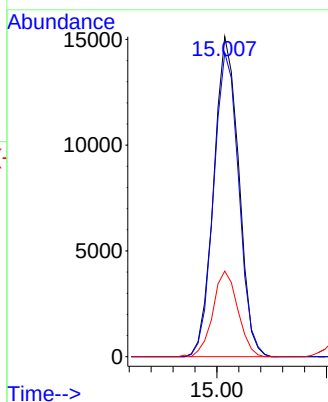
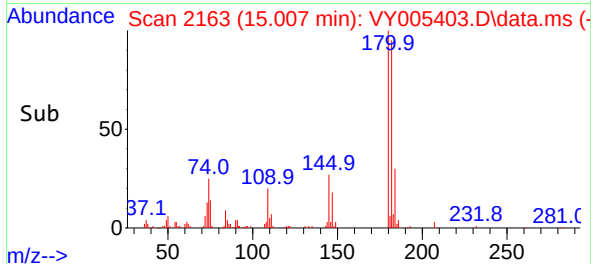
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2021



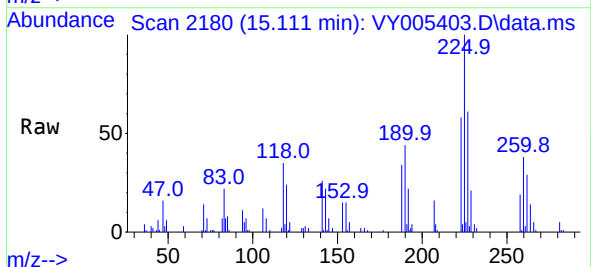
Tgt Ion:	180	Resp:	23946
Ion Ratio	Lower	Upper	
180	100		
182	95.4	47.9	143.7
145	26.8	13.9	41.7

Manual Integrations
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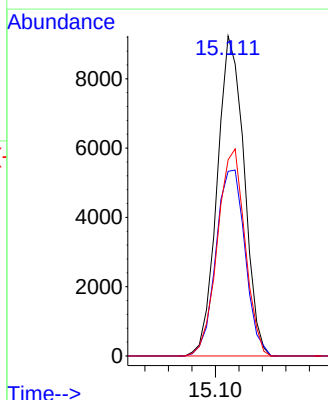
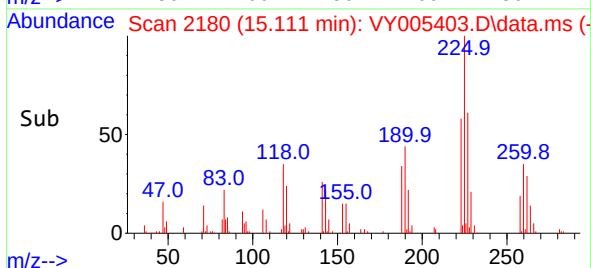
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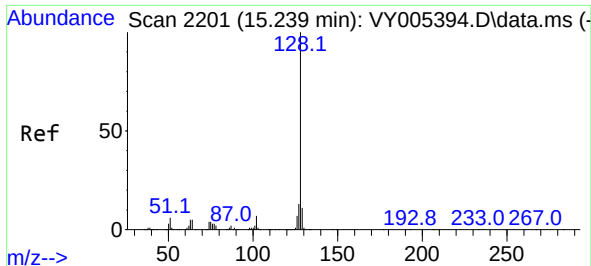


#94
Hexachlorobutadiene
Concen: 4.940 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY005403.D
Acq: 09 Jul 2021 17:12



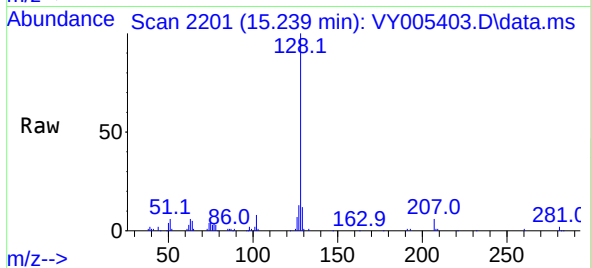
Tgt Ion:	225	Resp:	14708
Ion Ratio	Lower	Upper	
225	100		
223	62.9	31.4	94.2
227	66.1	32.4	97.2





#95
Naphthalene
Concen: 4.663 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY005403.D
Acq: 09 Jul 2021 17:12

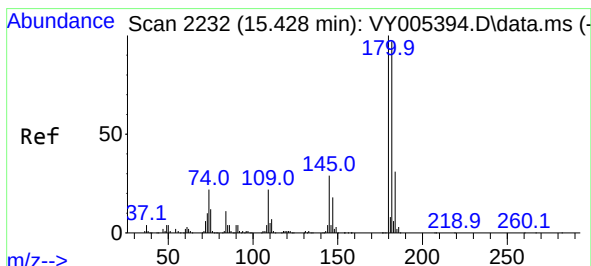
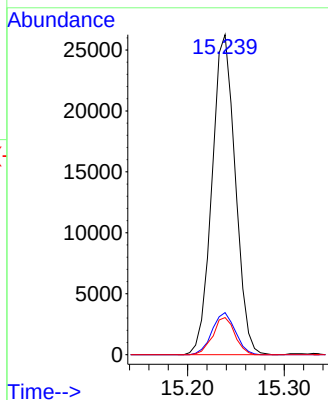
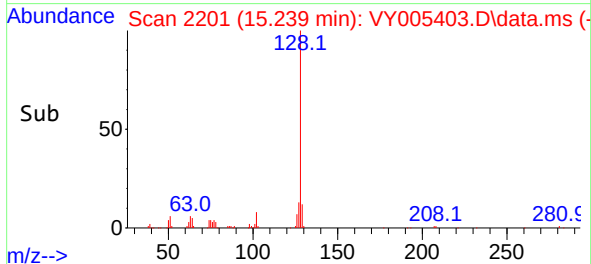
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2021



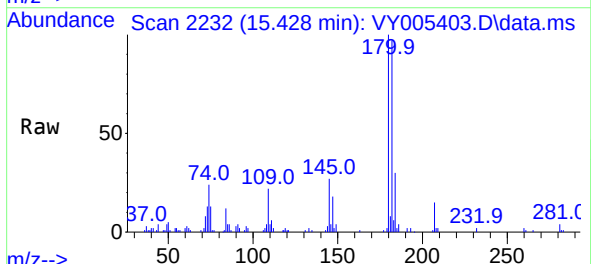
Tgt Ion:	128	Resp:	43847
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.4	15.6
129	11.0	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
7/12/2021 5:46:46 PM



#96
1,2,3-Trichlorobenzene
Concen: 4.882 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY005403.D
Acq: 09 Jul 2021 17:12



Tgt Ion:	180	Resp:	20560
Ion Ratio	Lower	Upper	
180	100		
182	96.4	47.9	143.7
145	27.8	14.6	44.0

