

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070921\
 Data File : VY005402.D
 Acq On : 09 Jul 2021 16:49
 Operator : SY/MD
 Sample : M2940-01 4.0PPB
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2021

Manual Integrations
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Quant Time: Jul 10 08:12:36 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	324383	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	476332	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	430308	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	221527	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	148806	48.965	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.940%		
35) Dibromofluoromethane	7.722	113	134779	48.213	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.420%		
50) Toluene-d8	10.185	98	562115	47.240	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	94.480%		
62) 4-Bromofluorobenzene	12.483	95	185793	46.318	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	92.640%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	12836	4.441	ug/l	92
3) Chloromethane	2.113	50	12638	4.298	ug/l	97
4) Vinyl Chloride	2.253	62	15542	4.273	ug/l	98
5) Bromomethane	2.649	94	13812	5.104	ug/l	100
6) Chloroethane	2.796	64	9848	4.317	ug/l	97
7) Trichlorofluoromethane	3.125	101	23446	4.378	ug/l	98
8) Diethyl Ether	3.533	74	7937	4.273	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.905	101	12547	4.167	ug/l	98
10) Methyl Iodide	4.094	142	12385	3.379	ug/l	97
11) Tert butyl alcohol	4.972	59	9504	21.890	ug/l #	86
12) 1,1-Dichloroethene	3.881	96	13464	4.354	ug/l	95
13) Acrolein	3.735	56	5564	24.445	ug/l	99
14) Allyl chloride	4.485	41	18381	4.273	ug/l	99
15) Acrylonitrile	5.173	53	16813	19.891	ug/l	100
16) Acetone	3.960	43	15018	23.080	ug/l	96
17) Carbon Disulfide	4.198	76	41283	4.277	ug/l	99
18) Methyl Acetate	4.485	43	8106	4.495	ug/l	99
19) Methyl tert-butyl Ether	5.228	73	33743	4.032	ug/l	98
20) Methylene Chloride	4.722	84	39458	8.755	ug/l	98
21) trans-1,2-Dichloroethene	5.222	96	14348	4.163	ug/l	98
22) Diisopropyl ether	6.131	45	35412	4.132	ug/l	98
23) Vinyl Acetate	6.070	43	111845	19.723	ug/l	99
24) 1,1-Dichloroethane	6.021	63	23045	4.260	ug/l	97
25) 2-Butanone	6.996	43	20167	19.669	ug/l	96
26) 2,2-Dichloropropane	6.984	77	22115	4.405	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	15615	4.091	ug/l	99
28) Bromochloromethane	7.344	49	9339	4.599	ug/l	94
29) Tetrahydrofuran	7.356	42	13486	19.829	ug/l	99
30) Chloroform	7.514	83	24845	4.285	ug/l	99
31) Cyclohexane	7.789	56	25710	4.774	ug/l #	85
32) 1,1,1-Trichloroethane	7.703	97	22779	4.243	ug/l	99
36) 1,1-Dichloropropene	7.923	75	20058	4.313	ug/l	99
37) Ethyl Acetate	7.082	43	9765	4.176	ug/l	95
38) Carbon Tetrachloride	7.899	117	21002	4.040	ug/l	90
39) Methylcyclohexane	9.185	83	23609	3.858	ug/l	98
40) Benzene	8.167	78	55247	4.053	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	5916	4.436	ug/l #	100
42) 1,2-Dichloroethane	8.240	62	16615	4.221	ug/l	99
43) Isopropyl Acetate	8.277	43	16842	3.927	ug/l	98
44) Trichloroethene	8.941	130	16200	4.039	ug/l	99
45) 1,2-Dichloropropane	9.215	63	13208	4.148	ug/l	92
46) Dibromomethane	9.313	93	7687	4.120	ug/l	98
47) Bromodichloromethane	9.496	83	18361	4.064	ug/l	92
48) Methyl methacrylate	9.295	41	7295	3.679	ug/l	99
49) 1,4-Dioxane	9.301	88	2166	72.456	ug/l #	85
51) 4-Methyl-2-Pentanone	10.075	43	44533	18.790	ug/l	99
52) Toluene	10.246	92	36484	4.067	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	19889	3.942	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	22247	4.000	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	11131	4.020	ug/l	98
56) Ethyl methacrylate	10.514	69	14100	3.664	ug/l	98
57) 1,3-Dichloropropane	10.794	76	18966	4.058	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.788	63	37971	23.080	ug/l	98
59) 2-Hexanone	10.837	43	30180	18.232	ug/l	100
60) Dibromochloromethane	10.989	129	13443	3.886	ug/l	99
61) 1,2-Dibromoethane	11.093	107	10448	3.922	ug/l	97
64) Tetrachloroethene	10.721	164	15242	3.917	ug/l	92
65) Chlorobenzene	11.520	112	38847	4.057	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.593	131	14098	3.959	ug/l	98
67) Ethyl Benzene	11.593	91	65582	3.908	ug/l	99
68) m/p-Xylenes	11.703	106	53156	7.917	ug/l	98
69) o-Xylene	12.032	106	24504	3.837	ug/l	98
70) Styrene	12.044	104	41220	3.808	ug/l	99
71) Bromoform	12.209	173	9536	4.050	ug/l #	98
73) Isopropylbenzene	12.331	105	63959	3.967	ug/l	100
74) N-amyl acetate	12.142	43	14892	3.898	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	12561	4.198	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	10859m	5.068	ug/l	
77) Bromobenzene	12.611	156	16055	3.947	ug/l	92
78) n-propylbenzene	12.672	91	77539	4.086	ug/l	98
79) 2-Chlorotoluene	12.757	91	42979	4.031	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	52596	3.911	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	4734	4.108	ug/l	96
82) 4-Chlorotoluene	12.855	91	44597	4.024	ug/l	98
83) tert-Butylbenzene	13.074	119	46241	3.868	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	52633	3.917	ug/l	99
85) sec-Butylbenzene	13.257	105	68853	3.941	ug/l	100
86) p-Isopropyltoluene	13.373	119	57352	3.781	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	32136	3.985	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	33134	4.157	ug/l	95
89) n-Butylbenzene	13.696	91	51034	3.796	ug/l	99
90) Hexachloroethane	13.958	117	10591	3.900	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	28727	4.030	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	2294	4.054	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	19133	3.913	ug/l	99
94) Hexachlorobutadiene	15.111	225	11839	3.876	ug/l	98
95) Naphthalene	15.239	128	35682	3.700	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	17062	3.950	ug/l	98

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

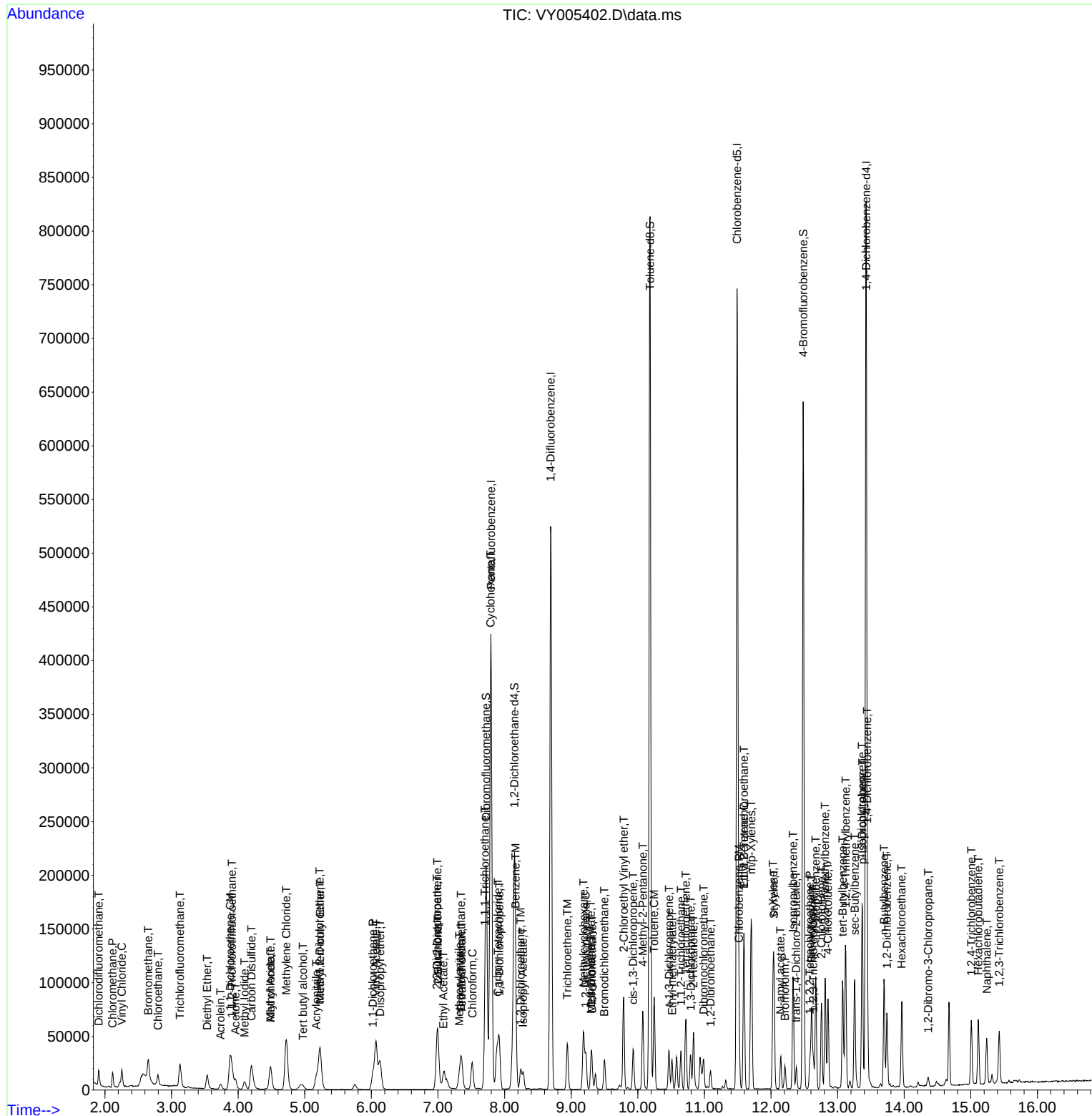
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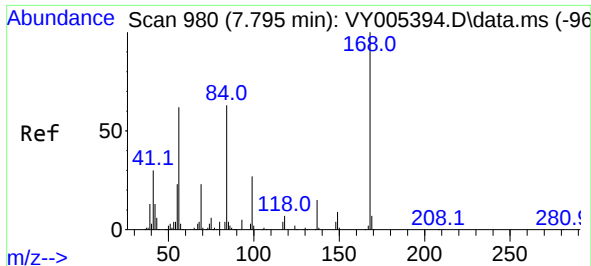
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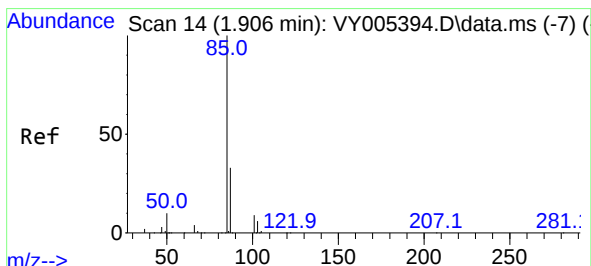
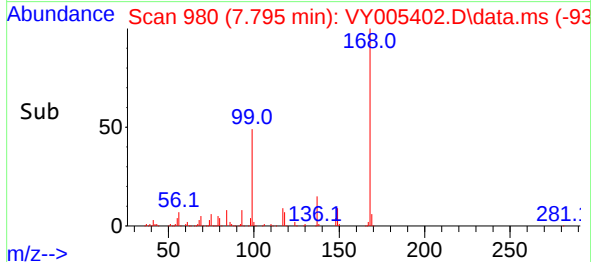
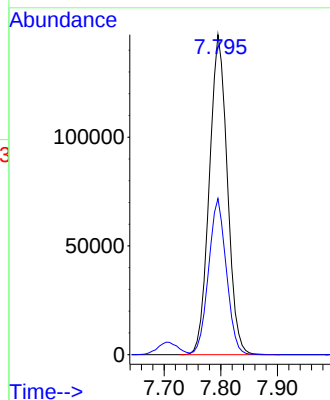
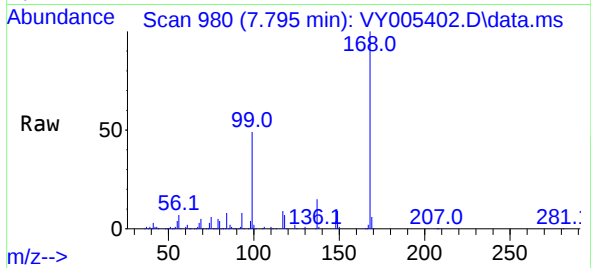
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005402.D
Acq: 09 Jul 2021 16:49

Tgt Ion: 168 Resp: 324383
Ion Ratio Lower Upper
168 100
99 48.8 37.4 56.2

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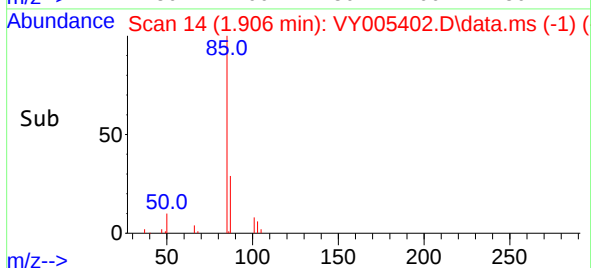
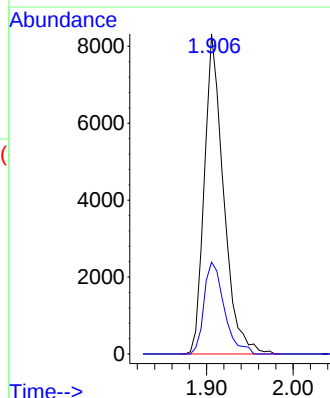
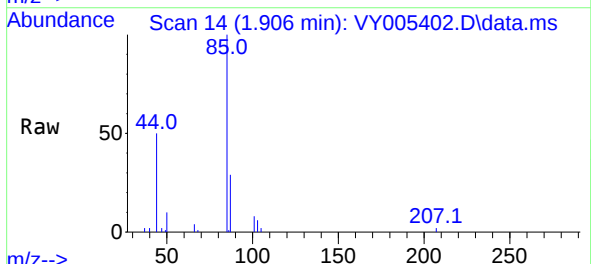
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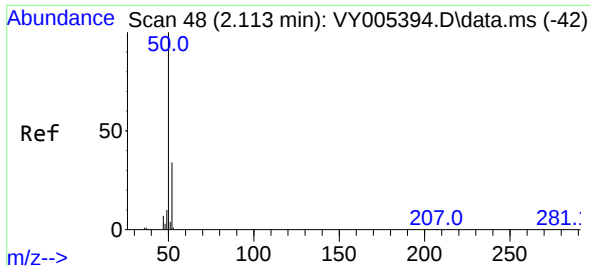
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#2
Dichlorodifluoromethane
Concen: 4.441 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY005402.D
Acq: 09 Jul 2021 16:49

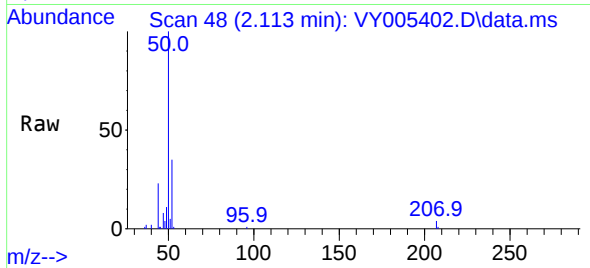
Tgt Ion: 85 Resp: 12836
Ion Ratio Lower Upper
85 100
87 28.7 16.5 49.5





#3
Chloromethane
Concen: 4.298 ug/l
RT: 2.113 min Scan# 48
Delta R.T. -0.000 min
Lab File: VY005402.D
Acq: 09 Jul 2021 16:49

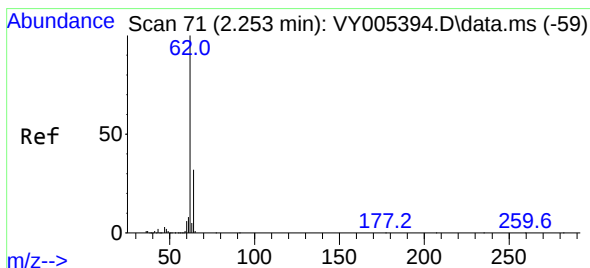
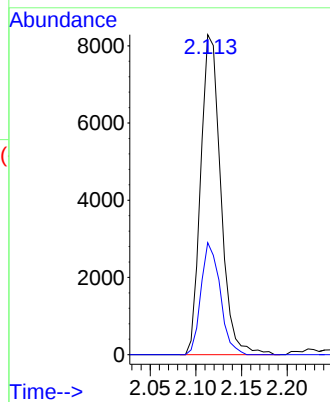
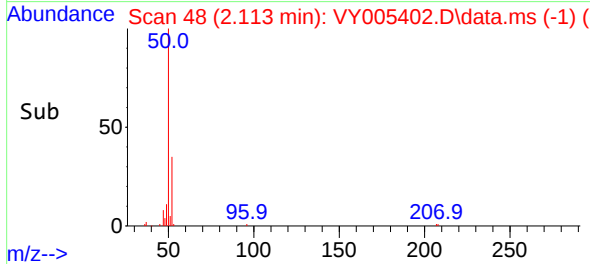
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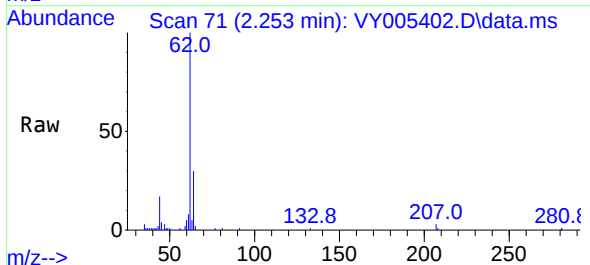
Tgt Ion: 50 Resp: 12638
Ion Ratio Lower Upper
50 100
52 35.0 26.8 40.2

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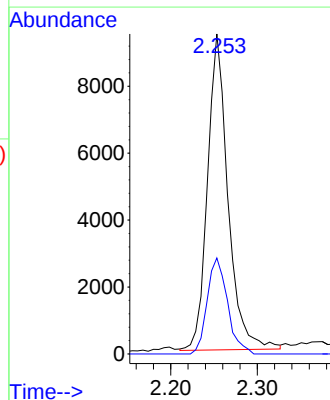
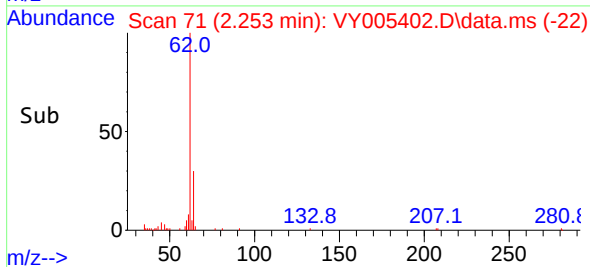
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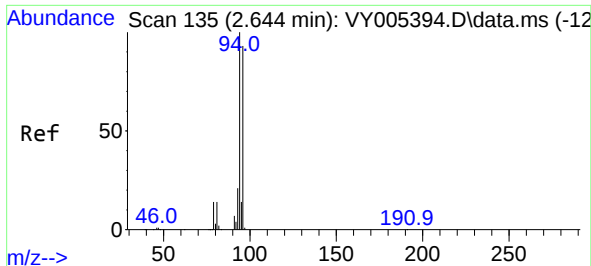


#4
Vinyl Chloride
Concen: 4.273 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.000 min
Lab File: VY005402.D
Acq: 09 Jul 2021 16:49



Tgt Ion: 62 Resp: 15542
Ion Ratio Lower Upper
62 100
64 30.4 25.4 38.2





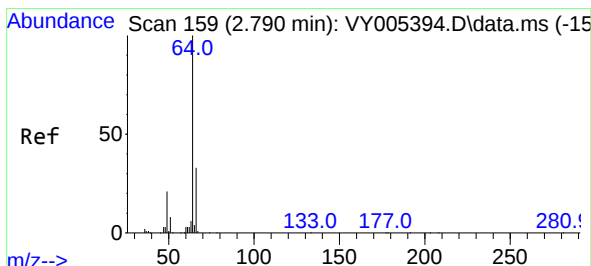
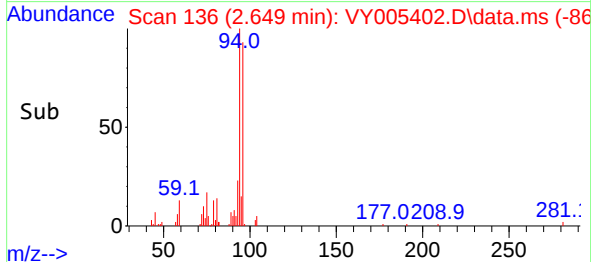
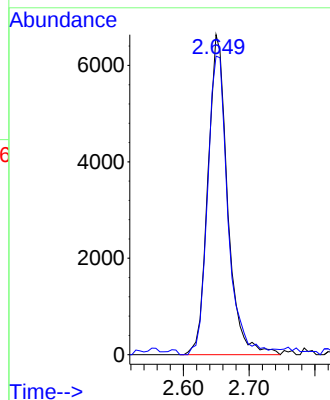
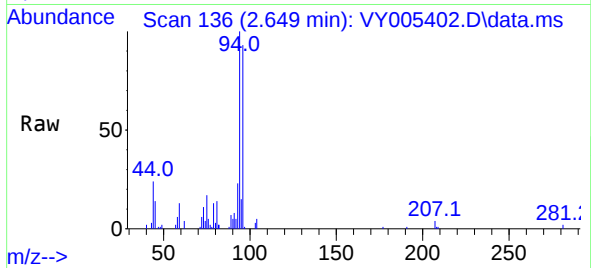
#5
Bromomethane
Concen: 5.104 ug/l
RT: 2.649 min Scan# 136
Delta R.T. 0.006 min
Lab File: VY005402.D
Acq: 09 Jul 2021 16:49

Tgt Ion: 94 Resp: 13812
Ion Ratio Lower Upper
94 100
96 93.3 74.5 111.7

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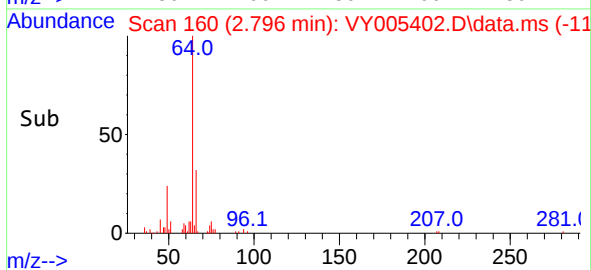
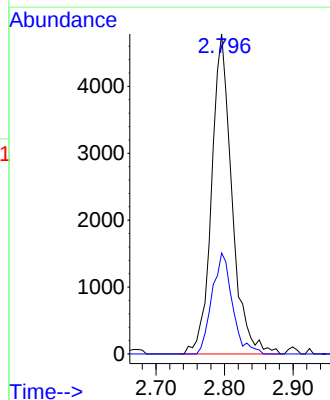
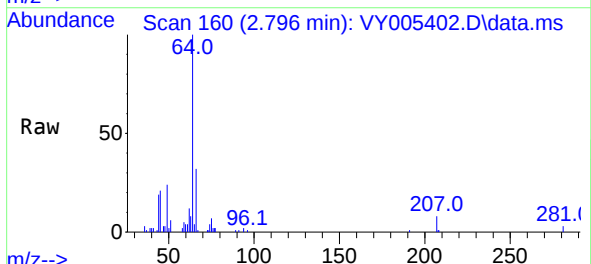
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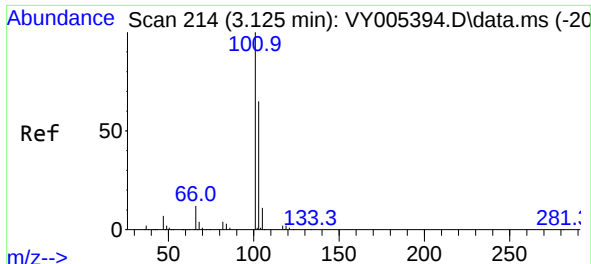
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#6
Chloroethane
Concen: 4.317 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.006 min
Lab File: VY005402.D
Acq: 09 Jul 2021 16:49

Tgt Ion: 64 Resp: 9848
Ion Ratio Lower Upper
64 100
66 31.5 26.5 39.7





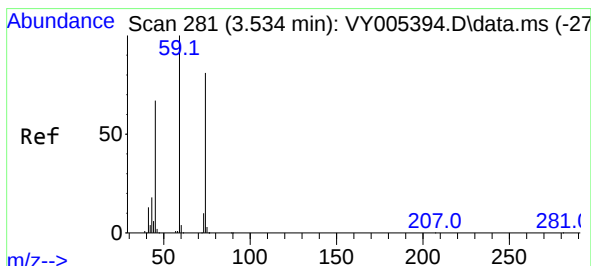
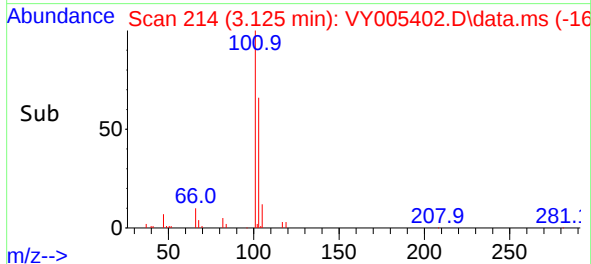
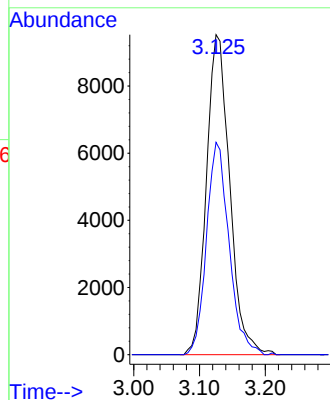
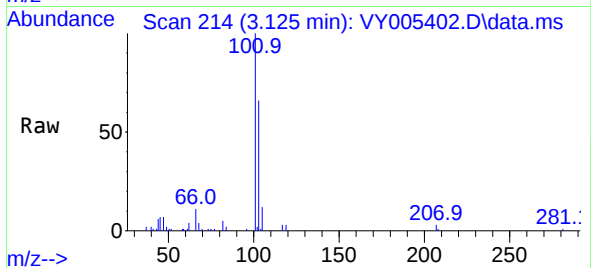
#7
Trichlorofluoromethane
Concen: 4.378 ug/l
RT: 3.125 min Scan# 214
Delta R.T. -0.000 min
Lab File: VY005402.D
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Tgt Ion: 101 Resp: 23446
Ion Ratio Lower Upper
101 100
103 66.3 52.1 78.1

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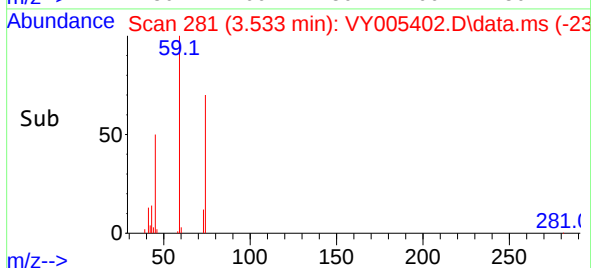
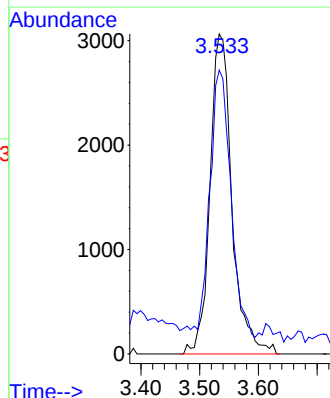
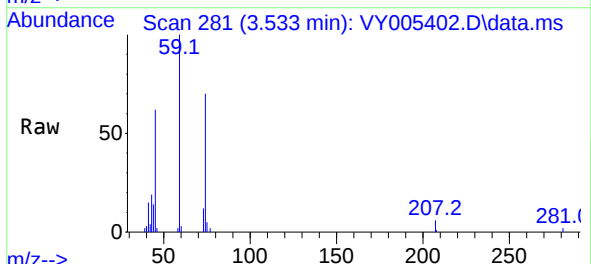
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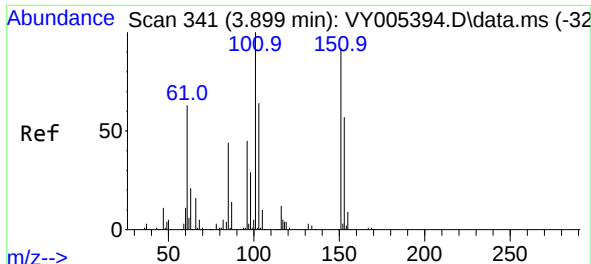
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#8
Diethyl Ether
Concen: 4.273 ug/l
RT: 3.533 min Scan# 281
Delta R.T. -0.000 min
Lab File: VY005402.D
Acq: 09 Jul 2021 16:49

Tgt Ion: 74 Resp: 7937
Ion Ratio Lower Upper
74 100
45 80.0 41.1 123.4





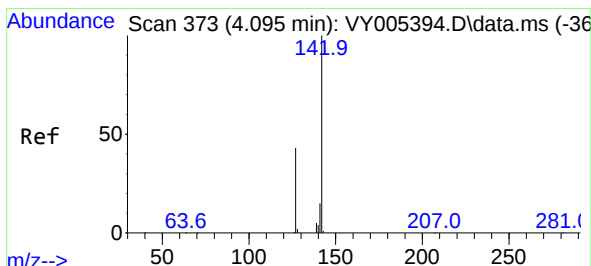
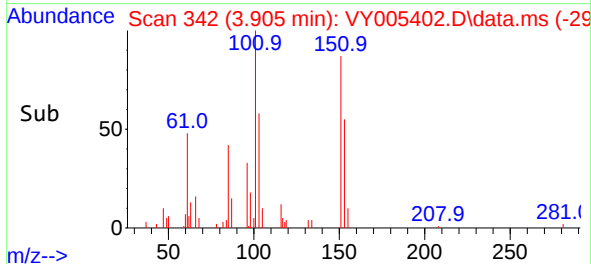
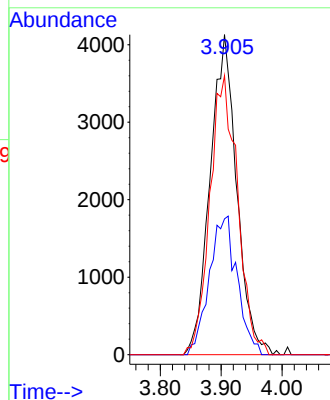
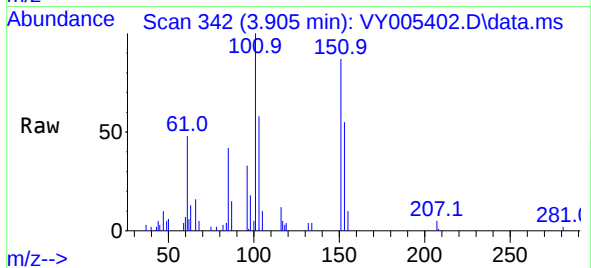
#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.167 ug/l
RT: 3.905 min Scan# 342
Delta R.T. 0.006 min
Lab File: VY005402.D
Acq: 09 Jul 2021 16:49

Tgt Ion:	101	Resp:	12547
Ion	Ratio	Lower	Upper
101	100		
85	45.2	34.4	51.6
151	90.6	71.6	107.4

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

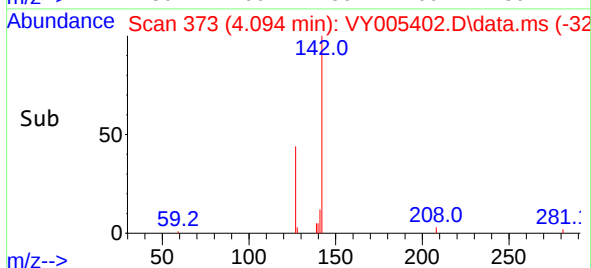
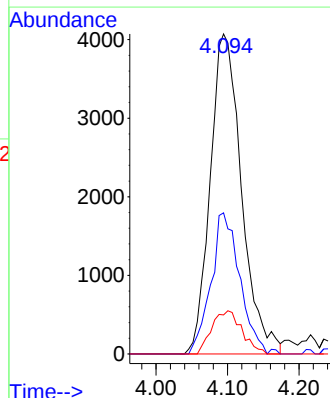
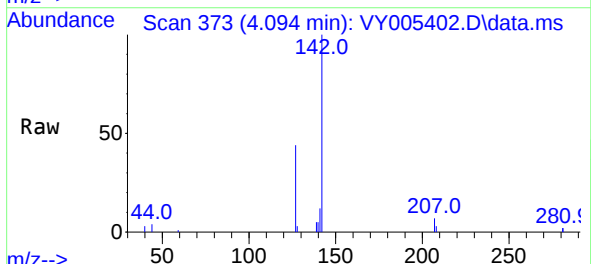
Manual Integrations
APPROVED

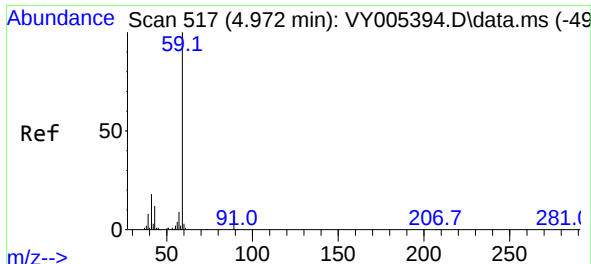
MMDadoda
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#10
Methyl Iodide
Concen: 3.379 ug/l
RT: 4.094 min Scan# 373
Delta R.T. -0.000 min
Lab File: VY005402.D
Acq: 09 Jul 2021 16:49

Tgt Ion:	142	Resp:	12385
Ion	Ratio	Lower	Upper
142	100		
127	40.7	34.3	51.5
141	13.0	11.5	17.3





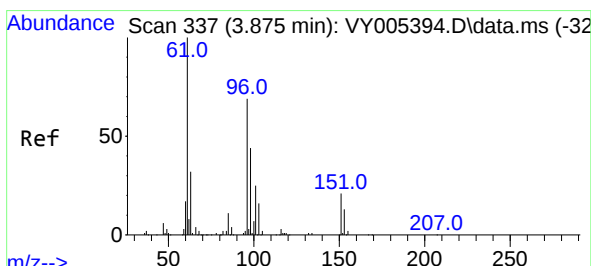
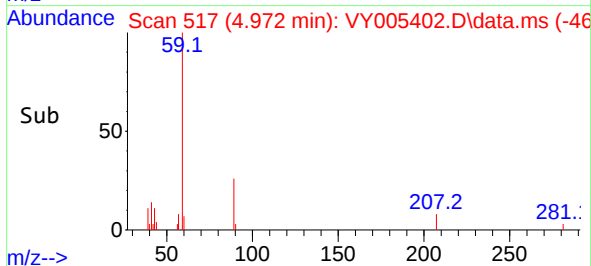
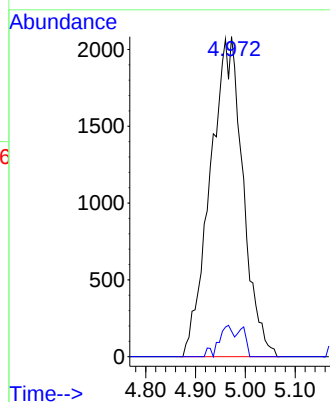
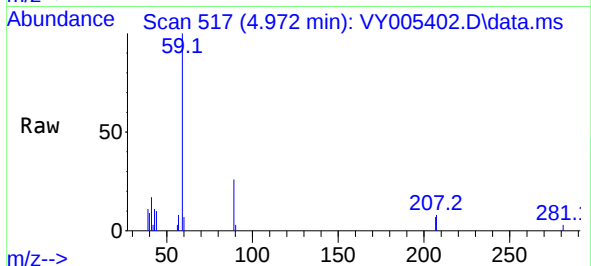
#11
Tert butyl alcohol
Concen: 21.890 ug/l
RT: 4.972 min Scan# 517
Delta R.T. 0.000 min
Lab File: VY005402.D
Acq: 09 Jul 2021 16:49

Tgt Ion: 59 Resp: 9504
Ion Ratio Lower Upper
59 100
57 4.5 7.5 11.3#

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

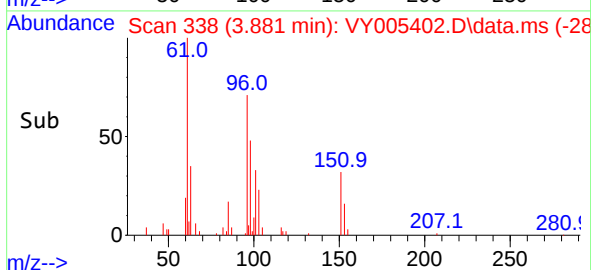
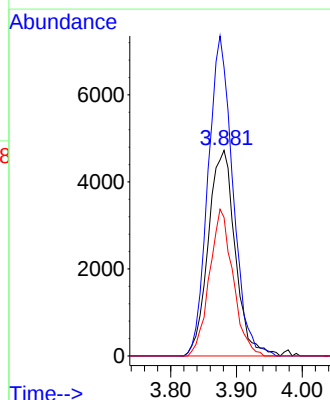
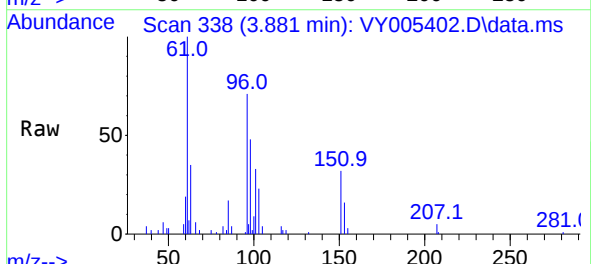
Manual Integrations
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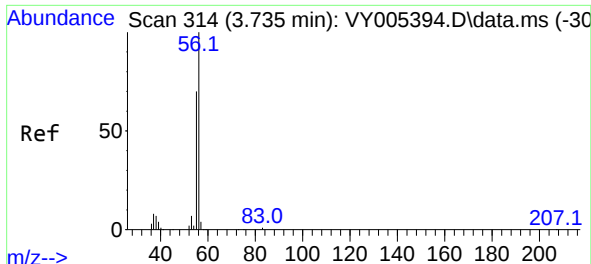
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#12
1,1-Dichloroethene
Concen: 4.354 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.006 min
Lab File: VY005402.D
Acq: 09 Jul 2021 16:49

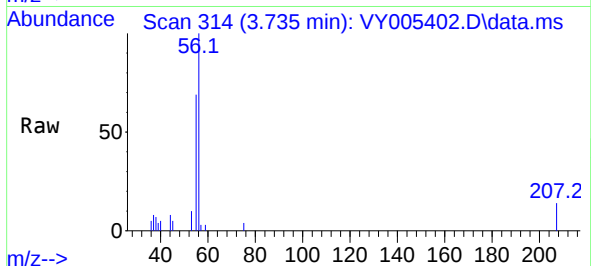
Tgt Ion: 96 Resp: 13464
Ion Ratio Lower Upper
96 100
61 140.3 116.6 174.8
98 67.4 50.8 76.2





#13
Acrolein
Concen: 24.445 ug/l
RT: 3.735 min Scan# 314
Delta R.T. -0.000 min
Lab File: VY005402.D
Acq: 09 Jul 2021 16:49

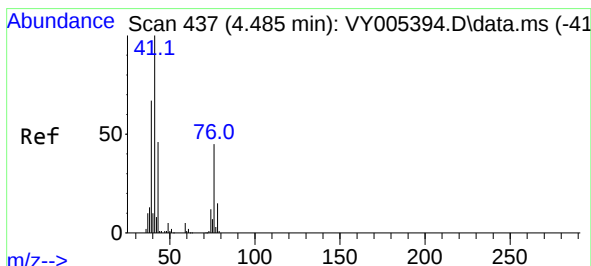
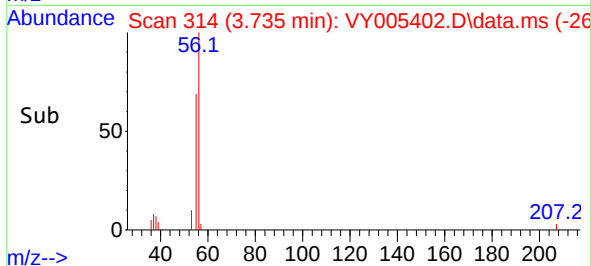
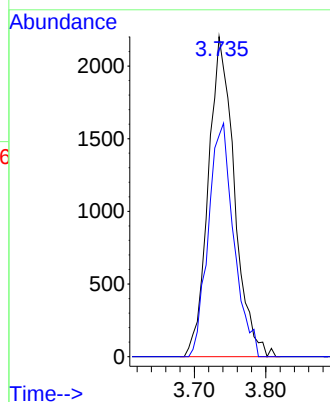
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



Tgt Ion: 56 Resp: 5564
Ion Ratio Lower Upper
56 100
55 71.0 55.9 83.9

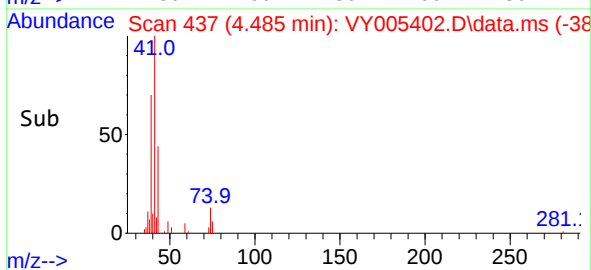
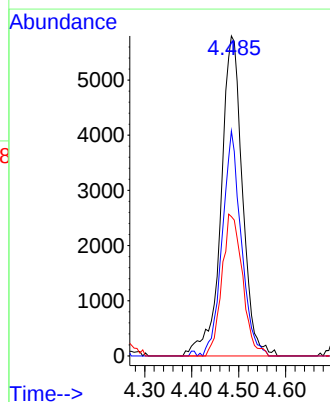
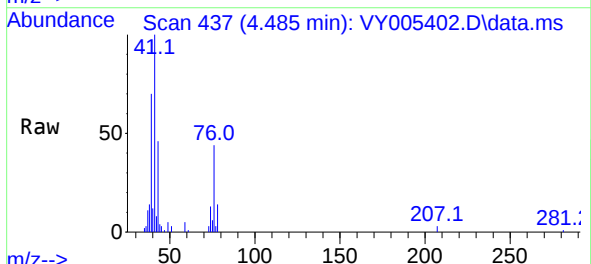
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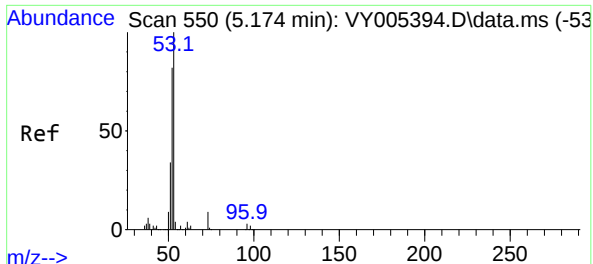
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#14
Allyl chloride
Concen: 4.273 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY005402.D
Acq: 09 Jul 2021 16:49

Tgt Ion: 41 Resp: 18381
Ion Ratio Lower Upper
41 100
39 62.4 50.8 76.2
76 42.7 34.5 51.7





#15

Acrylonitrile

Concen: 19.891 ug/l

RT: 5.173 min Scan# 550

Delta R.T. -0.000 min

Lab File: VY005402.D

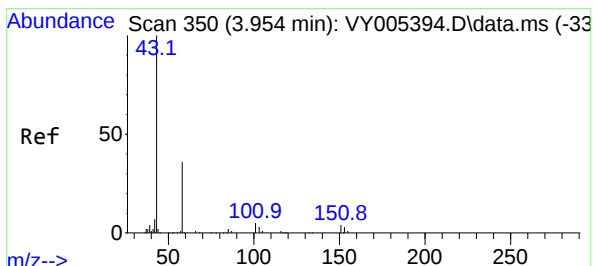
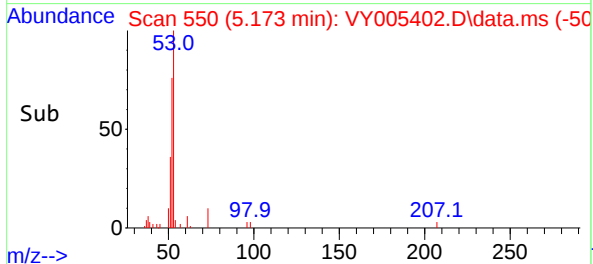
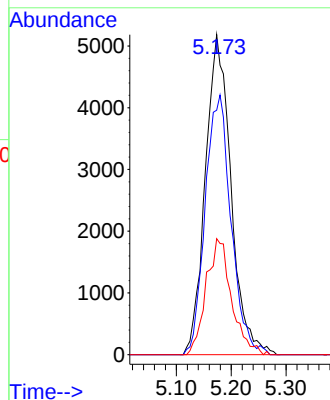
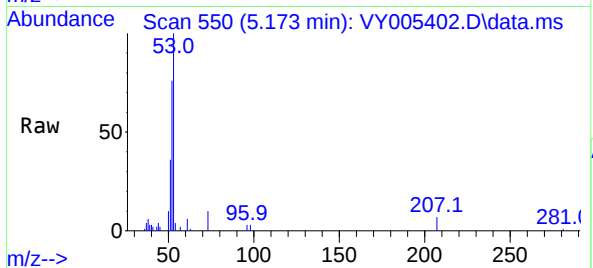
Acq: 09 Jul 2021 16:49

Tgt Ion:	53	Resp:	16813
Ion	Ratio	Lower	Upper
53	100		
52	82.0	65.8	98.6
51	35.9	28.8	43.2

Instrument :
MSVOA_Y
ClientSampleId :
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#16

Acetone

Concen: 23.080 ug/l

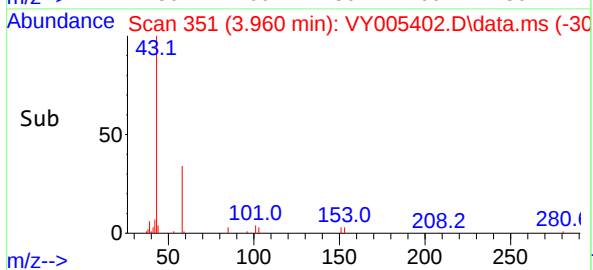
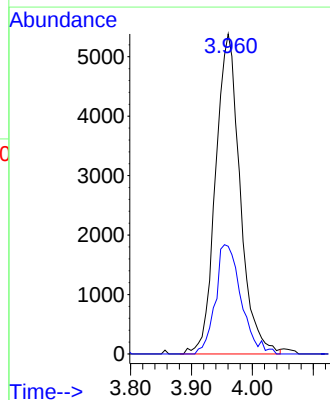
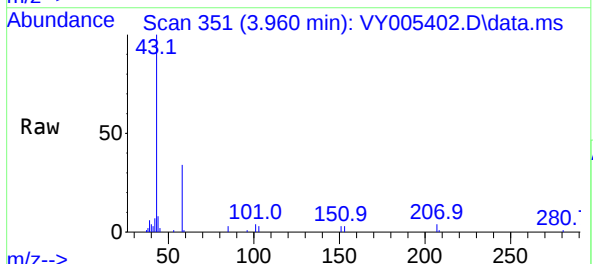
RT: 3.960 min Scan# 351

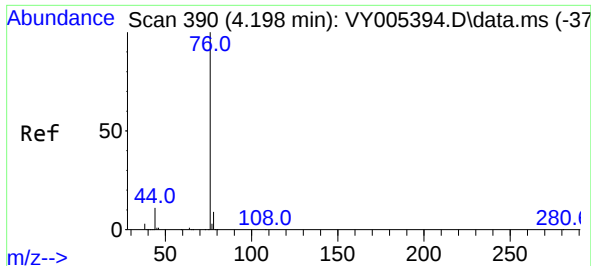
Delta R.T. 0.006 min

Lab File: VY005402.D

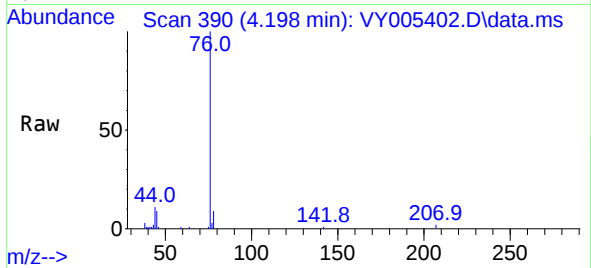
Acq: 09 Jul 2021 16:49

Tgt Ion:	43	Resp:	15018
Ion	Ratio	Lower	Upper
43	100		
58	33.6	28.9	43.3

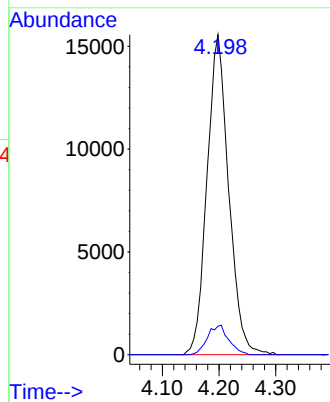
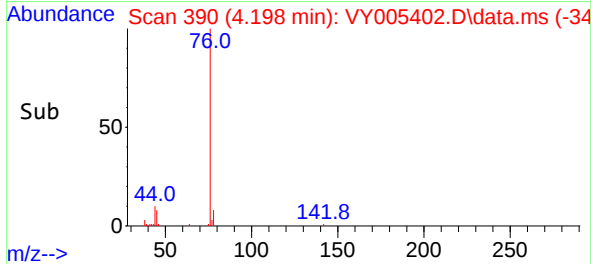




#17
Carbon Disulfide
Concen: 4.277 ug/l
RT: 4.198 min Scan# 390
Delta R.T. -0.000 min
Lab File: VY005402.D
Acq: 09 Jul 2021 16:49



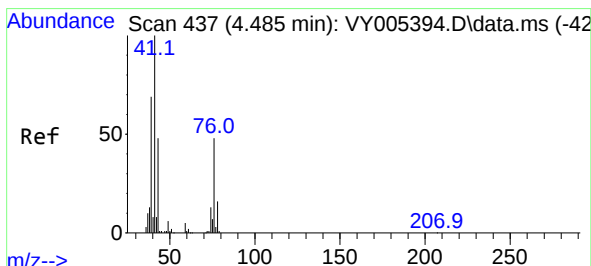
Tgt Ion: 76 Resp: 41283
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9



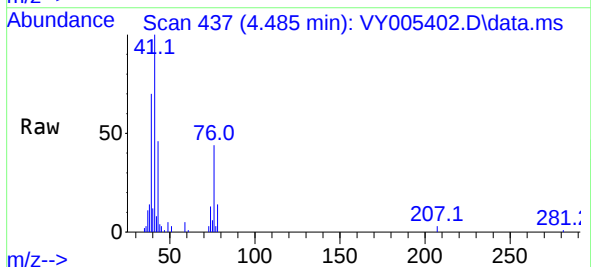
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

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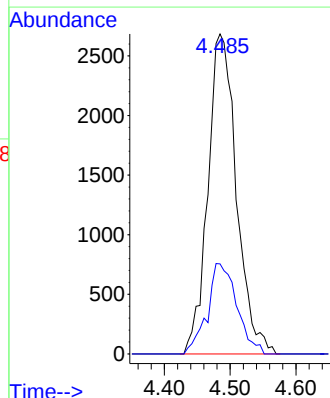
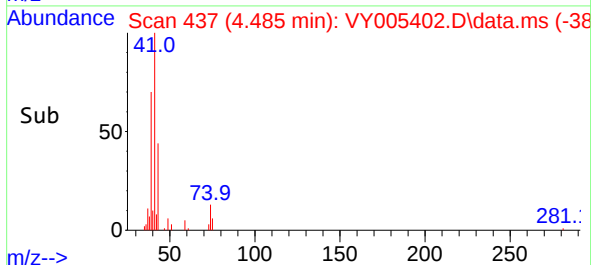
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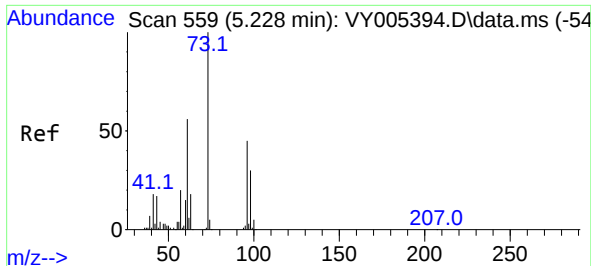


#18
Methyl Acetate
Concen: 4.495 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY005402.D
Acq: 09 Jul 2021 16:49



Tgt Ion: 43 Resp: 8106
Ion Ratio Lower Upper
43 100
74 29.2 23.0 34.4





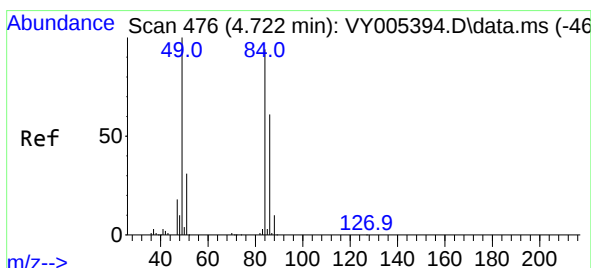
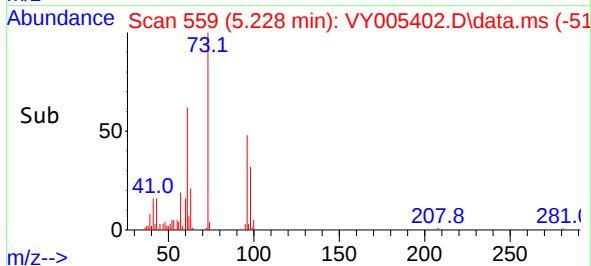
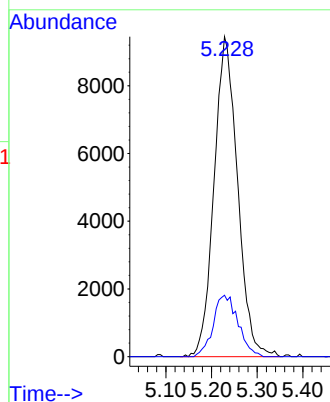
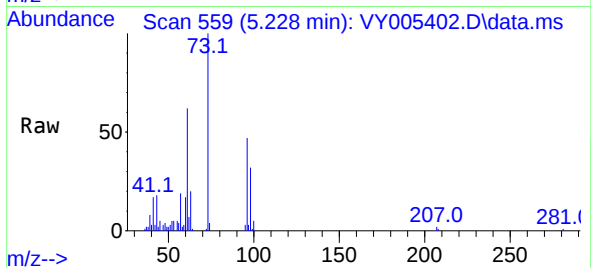
#19
Methyl tert-butyl Ether
Concen: 4.032 ug/l
RT: 5.228 min Scan# 559
Delta R.T. 0.000 min
Lab File: VY005402.D
Acq: 09 Jul 2021 16:49

Tgt Ion: 73 Resp: 33743
Ion Ratio Lower Upper
73 100
57 19.2 16.2 24.2

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

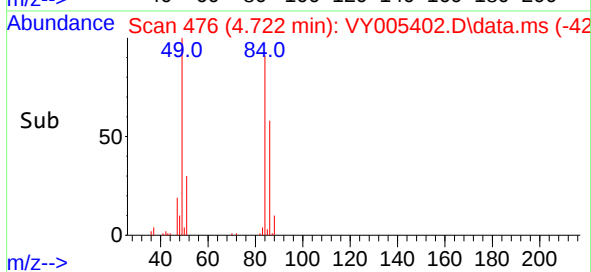
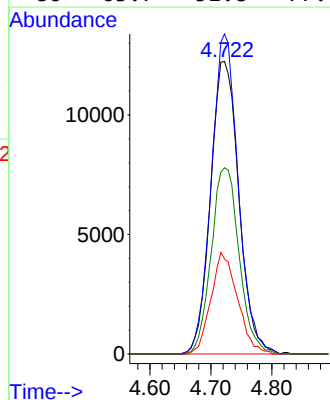
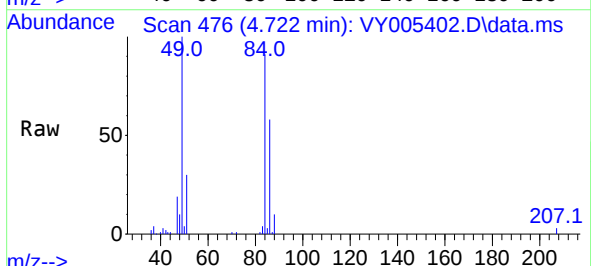
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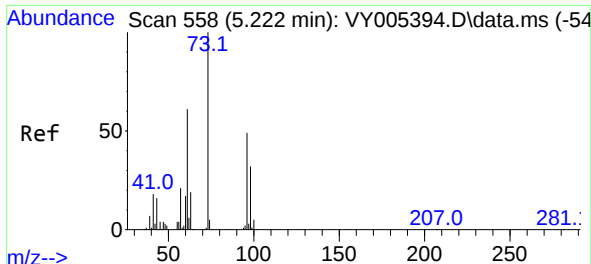
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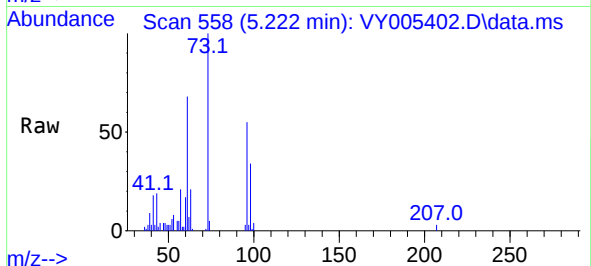
#20
Methylene Chloride
Concen: 8.755 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY005402.D
Acq: 09 Jul 2021 16:49

Tgt Ion: 84 Resp: 39458
Ion Ratio Lower Upper
84 100
49 109.4 84.8 127.2
51 32.5 25.9 38.9
86 63.7 51.8 77.6



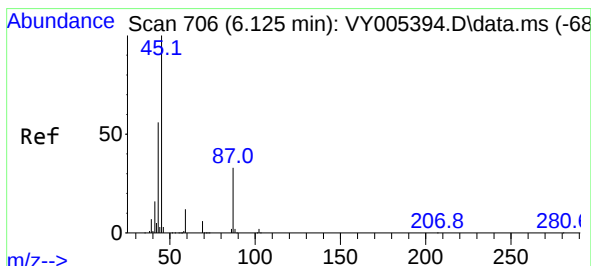
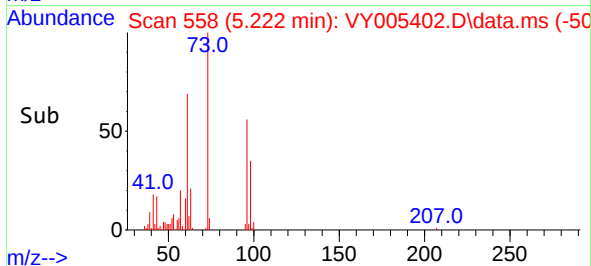
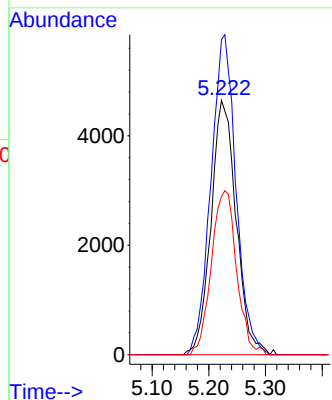


#21
trans-1,2-Dichloroethene
Concen: 4.163 ug/l
RT: 5.222 min Scan# 558
Delta R.T. -0.000 min
Lab File: VY005402.D
Acq: 09 Jul 2021 16:49

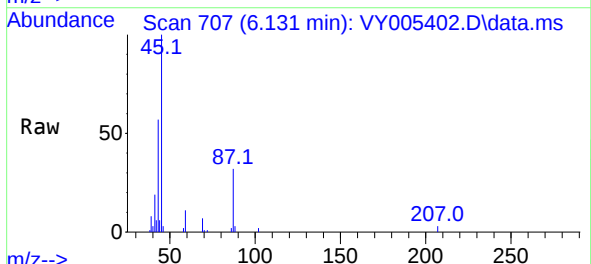


Tgt Ion: 96 Resp: 14348

Ion	Ratio	Lower	Upper
96	100		
61	123.9	100.3	150.5
98	62.2	52.2	78.2

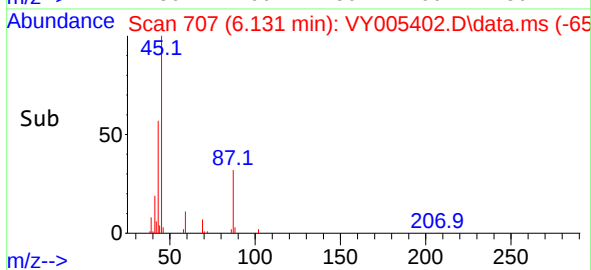
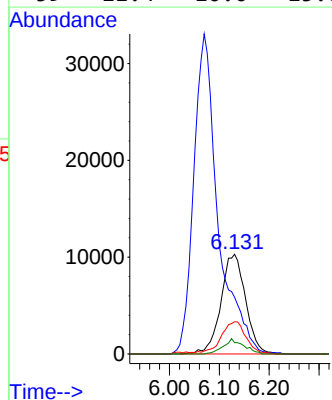


#22
Diisopropyl ether
Concen: 4.132 ug/l
RT: 6.131 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY005402.D
Acq: 09 Jul 2021 16:49



Tgt Ion: 45 Resp: 35412

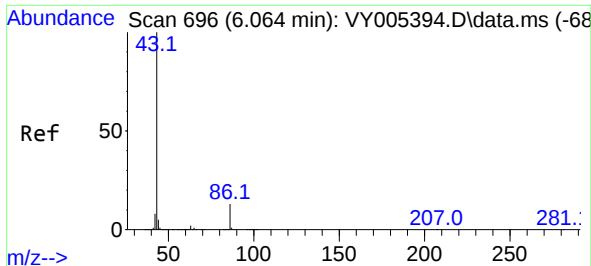
Ion	Ratio	Lower	Upper
45	100		
43	55.5	45.4	68.2
87	32.3	26.9	40.3
59	11.4	10.0	15.0



Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

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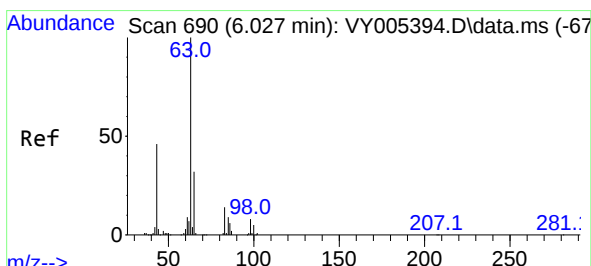
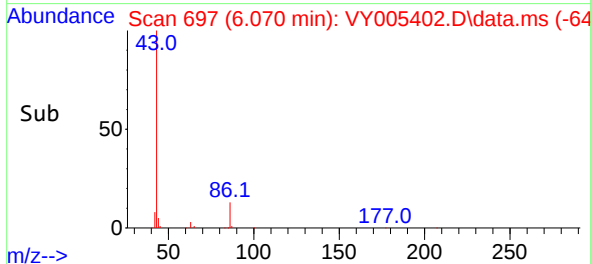
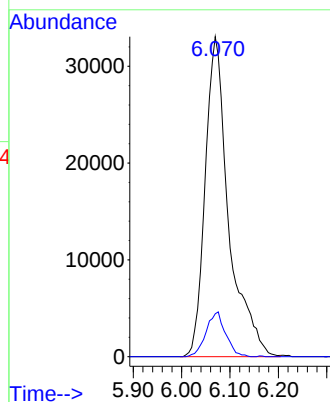
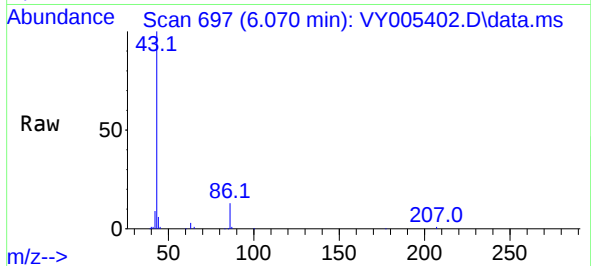
#23
 Vinyl Acetate
 Concen: 19.723 ug/l
 RT: 6.070 min Scan# 697
 Delta R.T. 0.006 min
 Lab File: VY005402.D
 Acq: 09 Jul 2021 16:49

Tgt Ion: 43 Resp: 111845
 Ion Ratio Lower Upper
 43 100
 86 13.4 10.5 15.7

Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2021

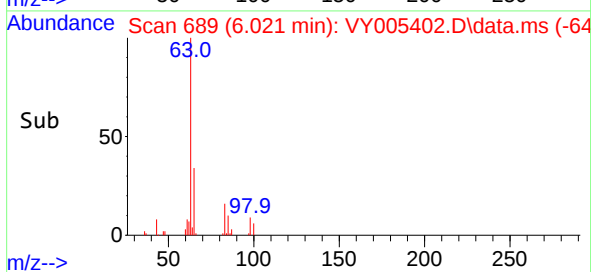
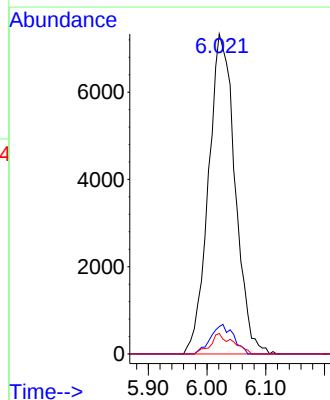
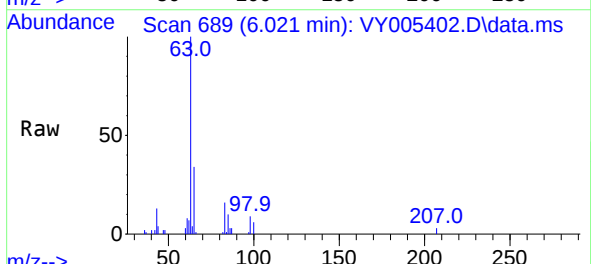
Manual Integrations
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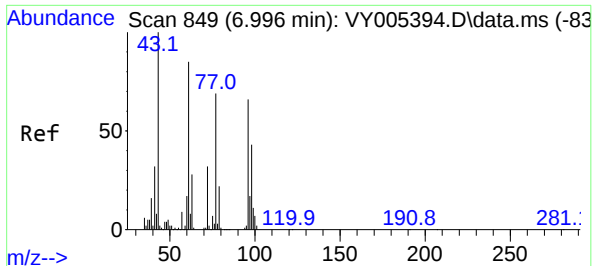
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#24
 1,1-Dichloroethane
 Concen: 4.260 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. -0.006 min
 Lab File: VY005402.D
 Acq: 09 Jul 2021 16:49

Tgt Ion: 63 Resp: 23045
 Ion Ratio Lower Upper
 63 100
 98 8.5 3.8 11.4
 100 6.4 2.5 7.4





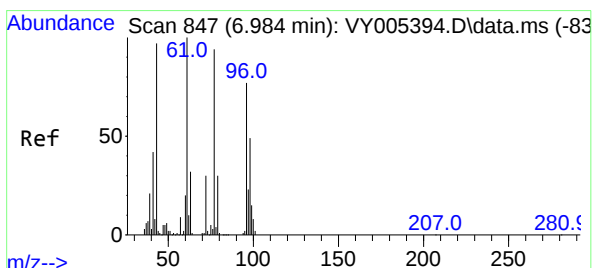
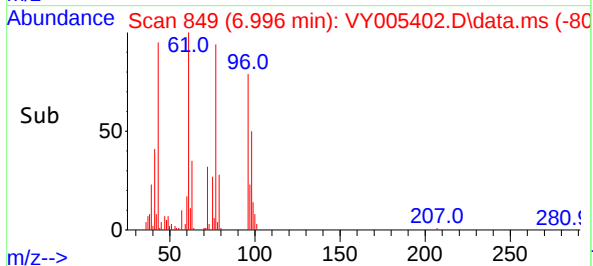
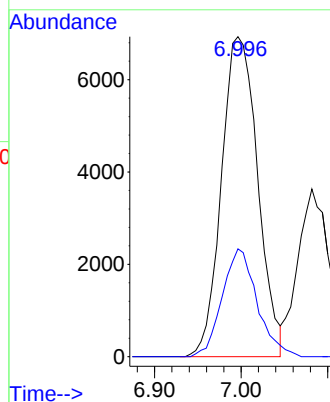
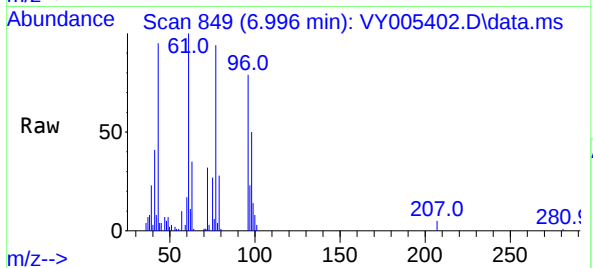
#25
2-Butanone
Concen: 19.669 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY005402.D
Acq: 09 Jul 2021 16:49

Tgt Ion: 43 Resp: 20167
Ion Ratio Lower Upper
43 100
72 33.7 25.3 37.9

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

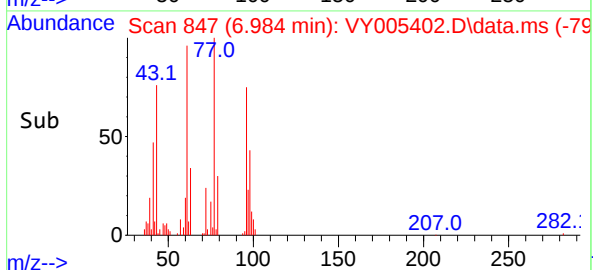
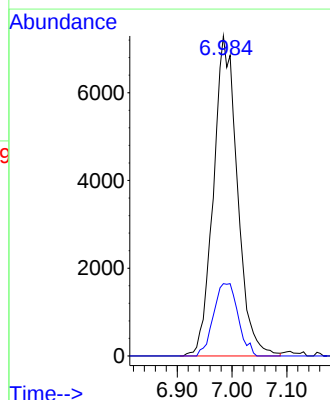
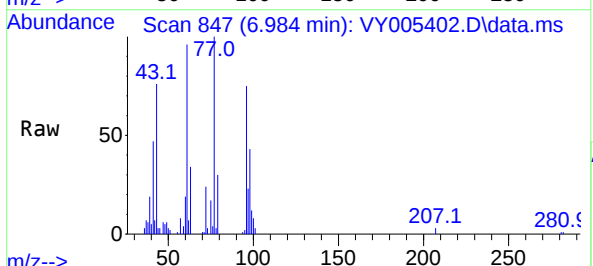
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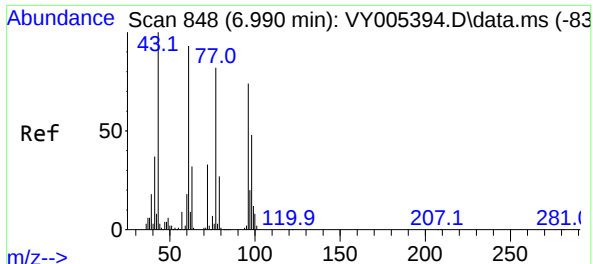
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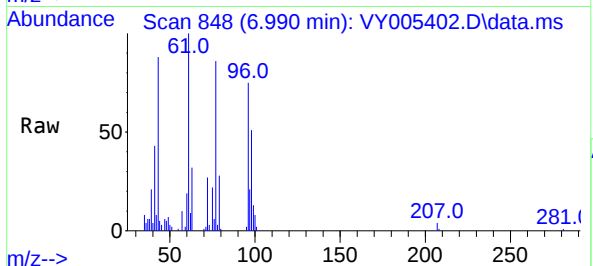
#26
2,2-Dichloropropane
Concen: 4.405 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY005402.D
Acq: 09 Jul 2021 16:49

Tgt Ion: 77 Resp: 22115
Ion Ratio Lower Upper
77 100
97 23.2 12.0 36.1



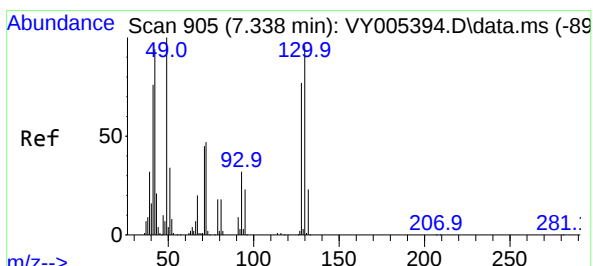
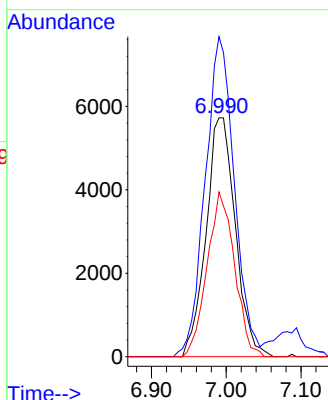
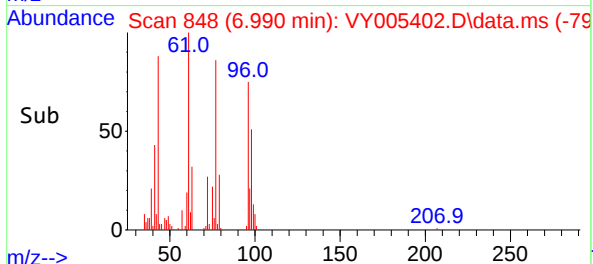


#27
 cis-1,2-Dichloroethene
 Concen: 4.091 ug/l
 RT: 6.990 min Scan# 848
 Delta R.T. -0.000 min
 Lab File: VY005402.D
 Acq: 09 Jul 2021 16:49

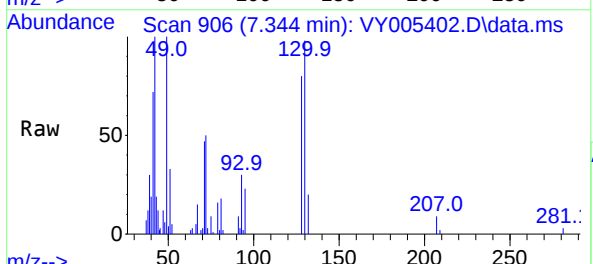


Tgt Ion: 96 Resp: 15615

Ion	Ratio	Lower	Upper
96	100		
61	133.2	0.0	261.4
98	64.5	0.0	129.2

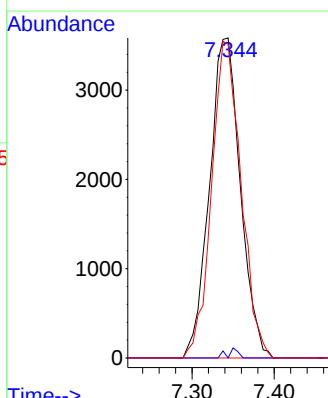
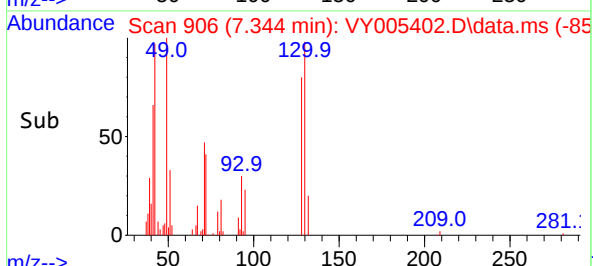


#28
 Bromochloromethane
 Concen: 4.599 ug/l
 RT: 7.344 min Scan# 906
 Delta R.T. 0.006 min
 Lab File: VY005402.D
 Acq: 09 Jul 2021 16:49



Tgt Ion: 49 Resp: 9339

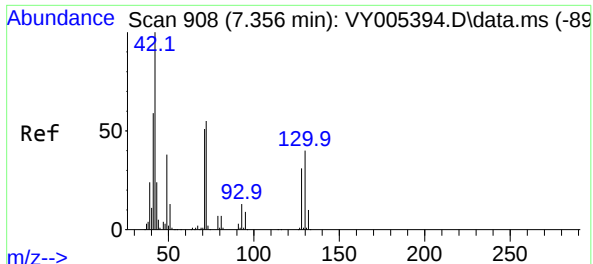
Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	5.2
130	94.6	80.6	120.8



Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2021

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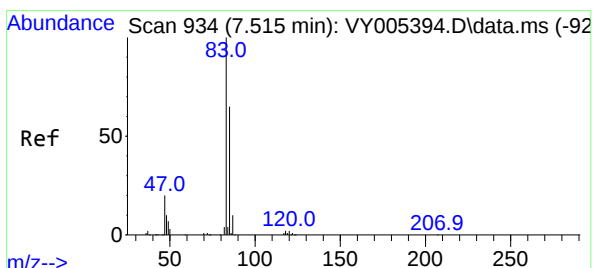
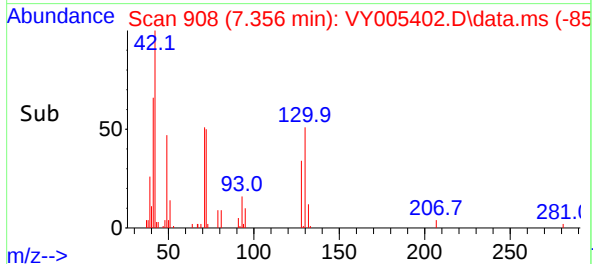
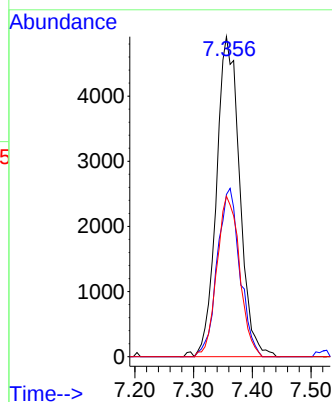
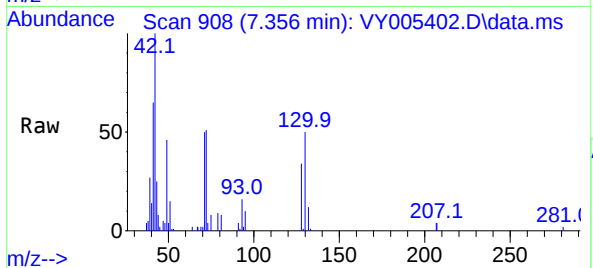
#29
Tetrahydrofuran
Concen: 19.829 ug/l
RT: 7.356 min Scan# 908
Delta R.T. -0.000 min
Lab File: VY005402.D
Acq: 09 Jul 2021 16:49

Tgt Ion:	42	Resp:	13486
Ion	Ratio	Lower	Upper
42	100		
72	51.3	41.8	62.6
71	49.0	39.8	59.6

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

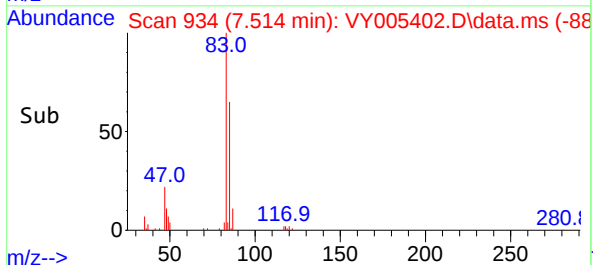
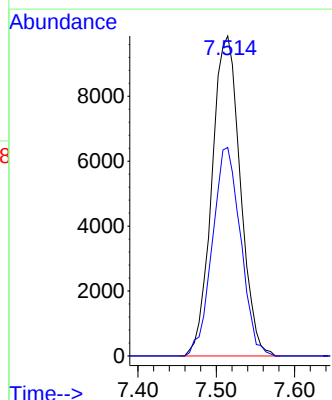
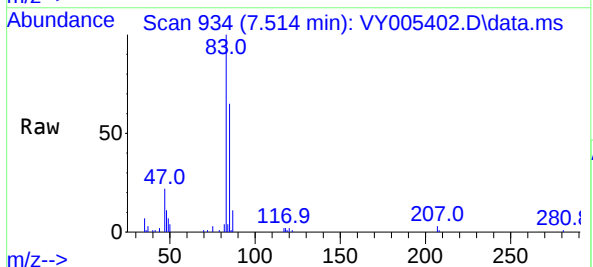
Manual Integrations
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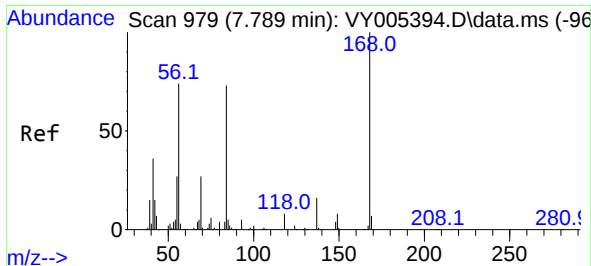
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#30
Chloroform
Concen: 4.285 ug/l
RT: 7.514 min Scan# 934
Delta R.T. -0.000 min
Lab File: VY005402.D
Acq: 09 Jul 2021 16:49

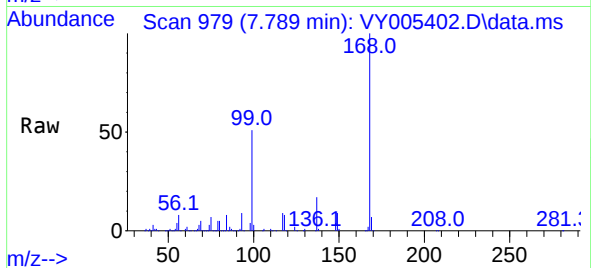
Tgt Ion:	83	Resp:	24845
Ion	Ratio	Lower	Upper
83	100		
85	65.1	51.7	77.5





#31
Cyclohexane
Concen: 4.774 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY005402.D
Acq: 09 Jul 2021 16:49

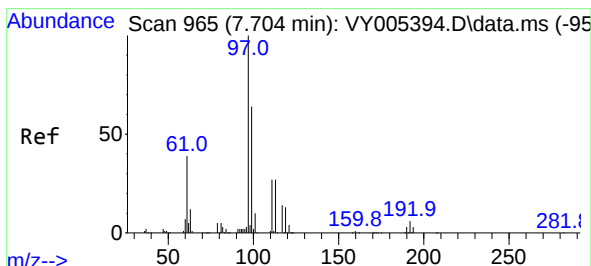
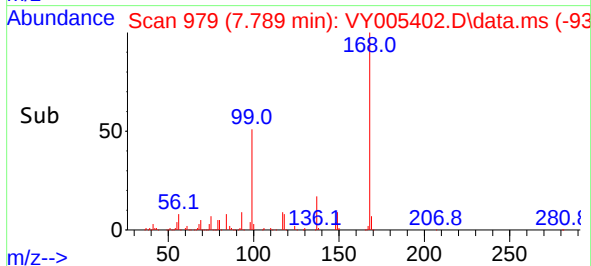
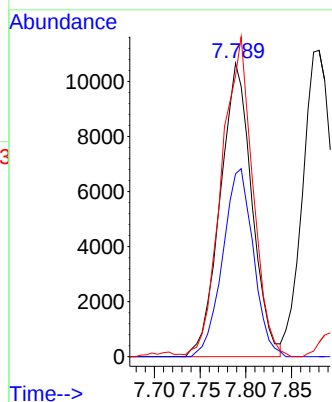
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



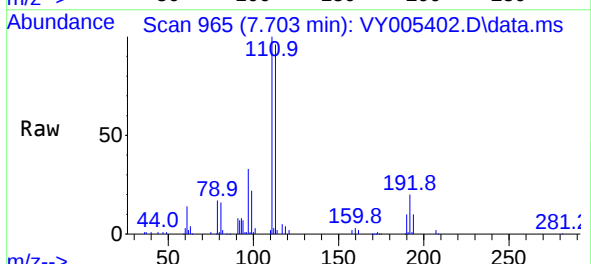
Tgt Ion: 56 Resp: 25710
Ion Ratio Lower Upper
56 100
69 62.3 28.8 43.2#
84 94.9 78.6 118.0

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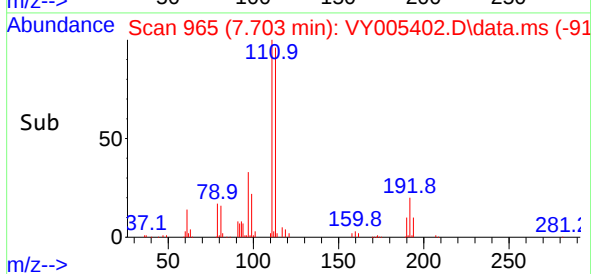
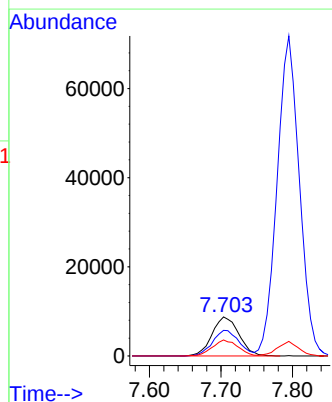
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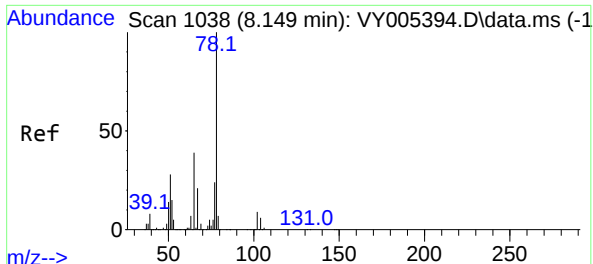


#32
1,1,1-Trichloroethane
Concen: 4.243 ug/l
RT: 7.703 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY005402.D
Acq: 09 Jul 2021 16:49



Tgt Ion: 97 Resp: 22779
Ion Ratio Lower Upper
97 100
99 64.8 51.0 76.4
61 39.1 30.6 46.0





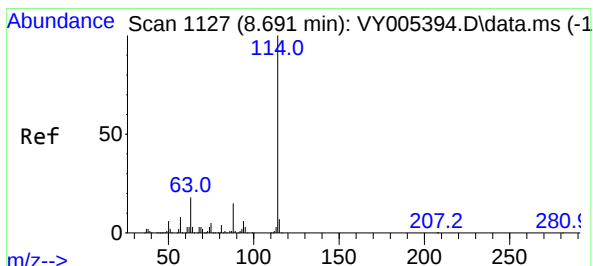
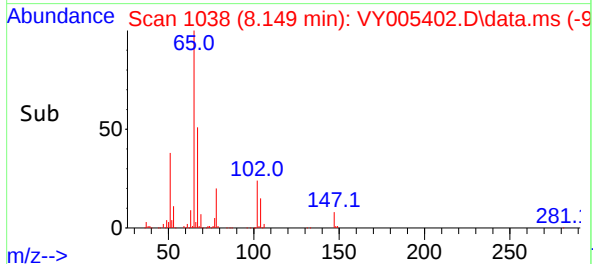
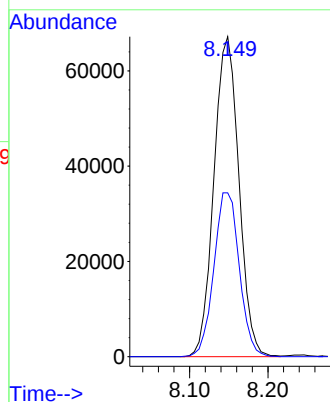
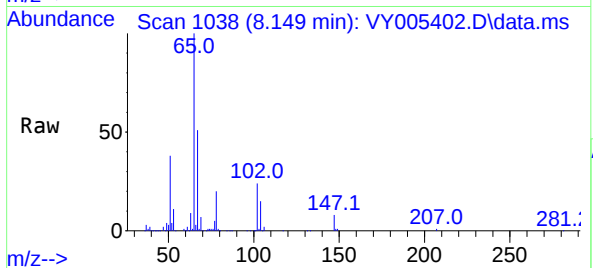
#33
1,2-Dichloroethane-d4
Concen: 48.965 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005402.D
Acq: 09 Jul 2021 16:49

Tgt Ion: 65 Resp: 148806
Ion Ratio Lower Upper
65 100
67 52.3 0.0 106.0

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

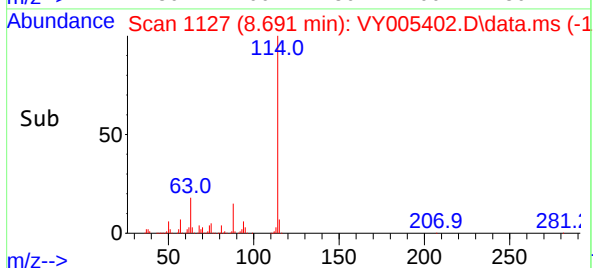
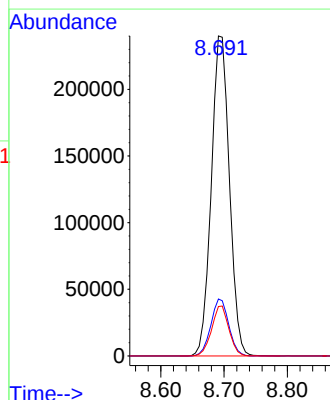
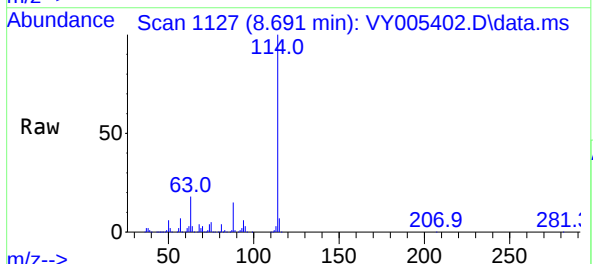
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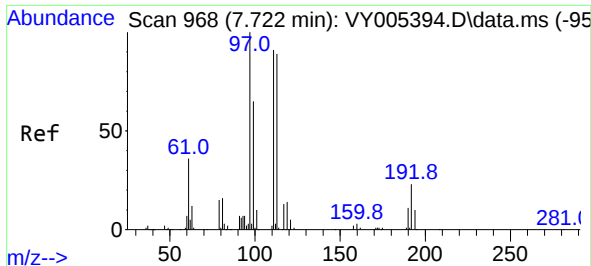
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#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY005402.D
Acq: 09 Jul 2021 16:49

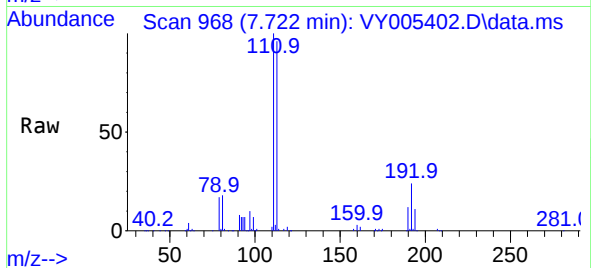
Tgt Ion: 114 Resp: 476332
Ion Ratio Lower Upper
114 100
63 17.8 0.0 35.2
88 15.5 0.0 29.4





#35
Dibromofluoromethane
Concen: 48.213 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY005402.D
Acq: 09 Jul 2021 16:49

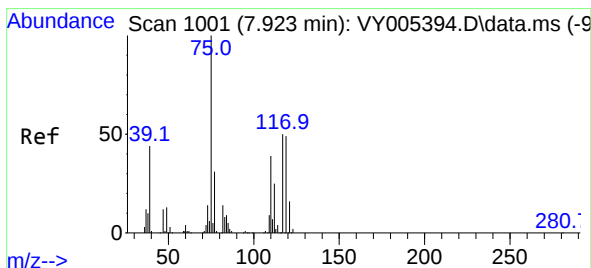
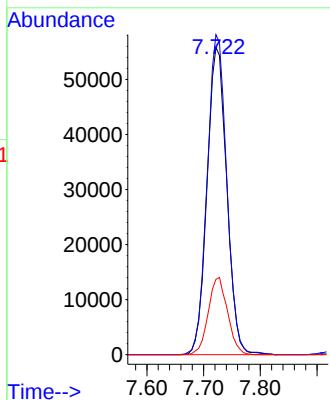
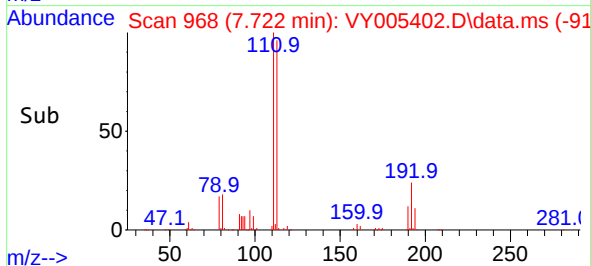
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



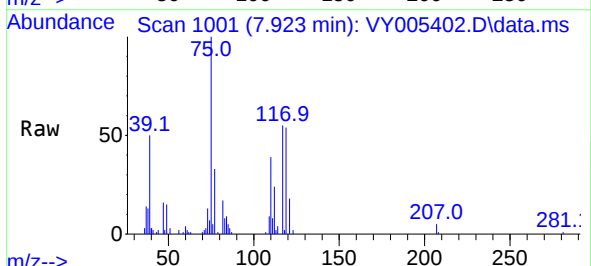
Tgt Ion:113 Resp: 134779
Ion Ratio Lower Upper
113 100
111 103.8 82.7 124.1
192 24.6 19.9 29.9

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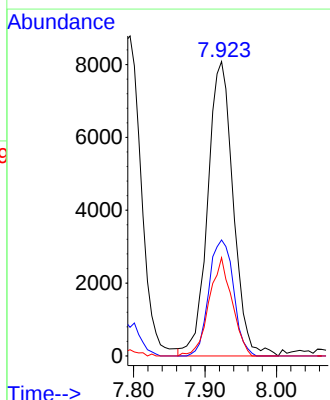
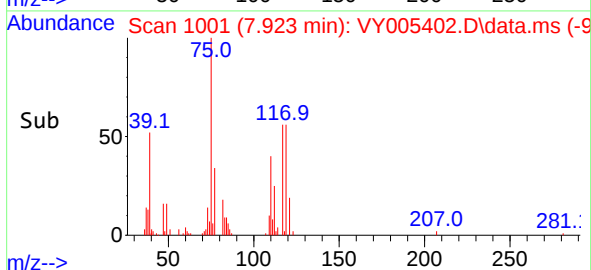
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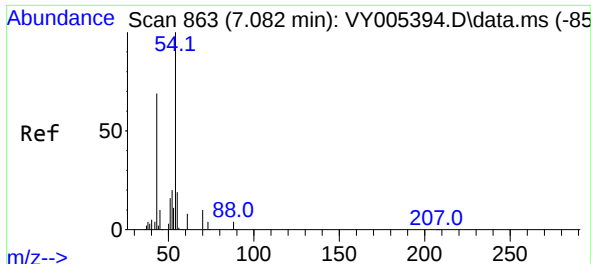


#36
1,1-Dichloropropene
Concen: 4.313 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. -0.000 min
Lab File: VY005402.D
Acq: 09 Jul 2021 16:49



Tgt Ion: 75 Resp: 20058
Ion Ratio Lower Upper
75 100
110 37.9 19.3 57.9
77 29.8 24.7 37.1





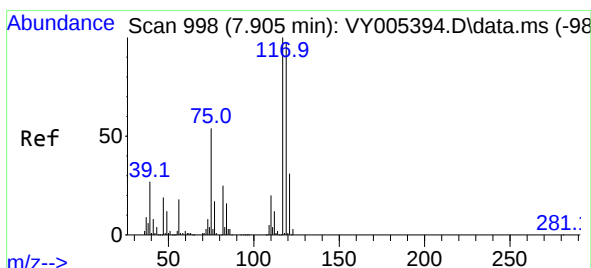
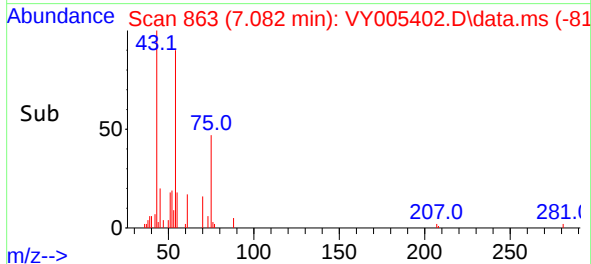
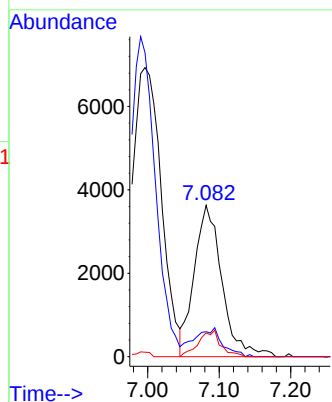
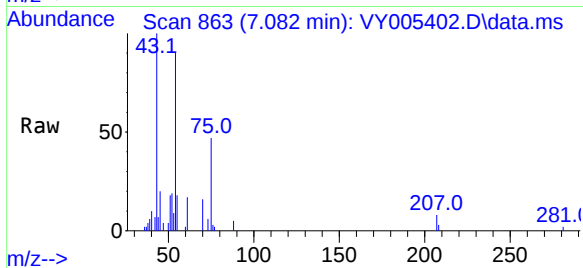
#37
Ethyl Acetate
Concen: 4.176 ug/l
RT: 7.082 min Scan# 863
Delta R.T. -0.000 min
Lab File: VY005402.D
Acq: 09 Jul 2021 16:49

Tgt Ion:	43	Resp:	9765
Ion	Ratio	Lower	Upper
43	100		
61	18.6	12.6	19.0
70	13.9	10.0	15.0

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

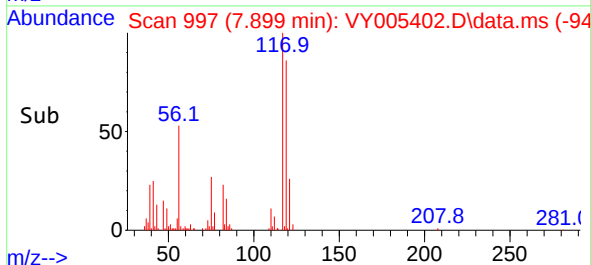
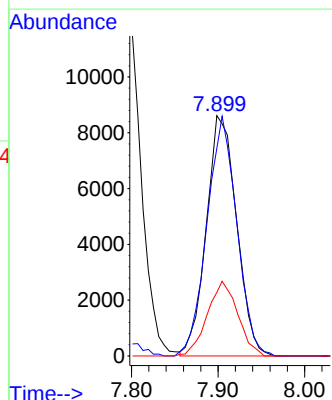
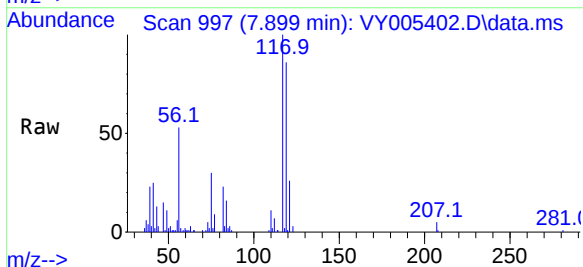
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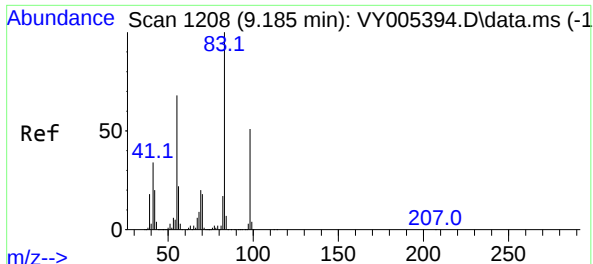
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#38
Carbon Tetrachloride
Concen: 4.040 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.006 min
Lab File: VY005402.D
Acq: 09 Jul 2021 16:49

Tgt Ion:	117	Resp:	21002
Ion	Ratio	Lower	Upper
117	100		
119	86.4	77.8	116.6
121	26.4	24.8	37.2





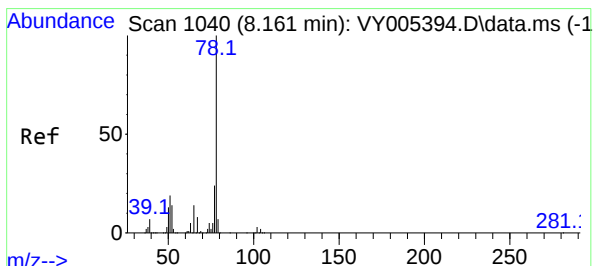
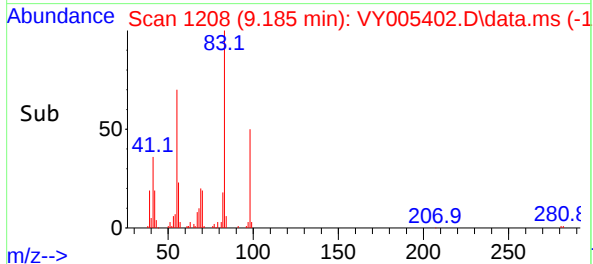
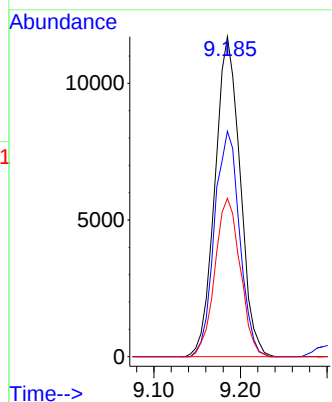
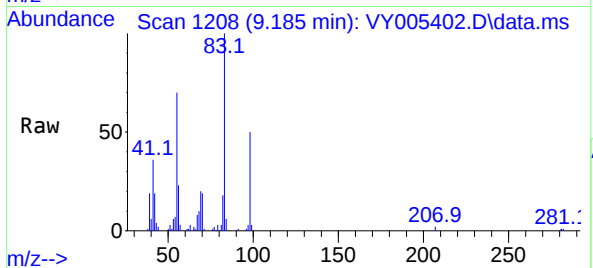
#39
Methylcyclohexane
Concen: 3.858 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. -0.000 min
Lab File: VY005402.D
Acq: 09 Jul 2021 16:49

Tgt Ion: 83 Resp: 23609
Ion Ratio Lower Upper
83 100
55 70.5 54.8 82.2
98 49.5 40.7 61.1

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

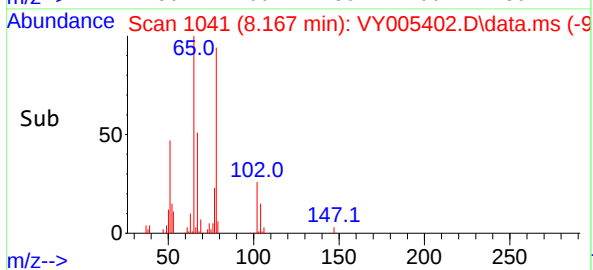
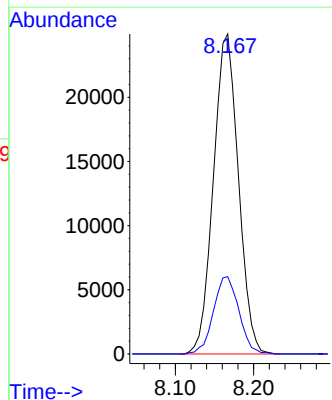
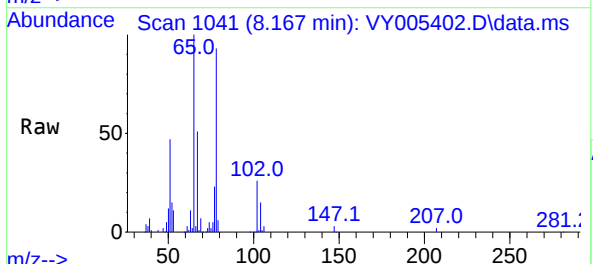
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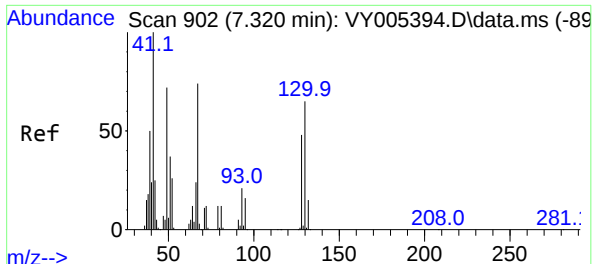
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#40
Benzene
Concen: 4.053 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY005402.D
Acq: 09 Jul 2021 16:49

Tgt Ion: 78 Resp: 55247
Ion Ratio Lower Upper
78 100
77 24.1 19.0 28.6





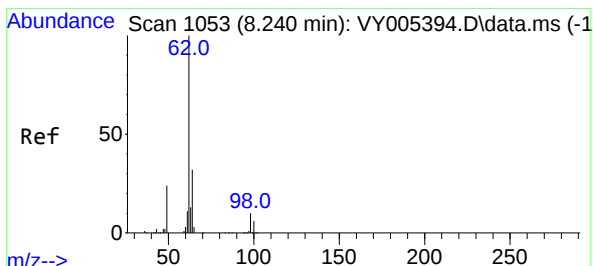
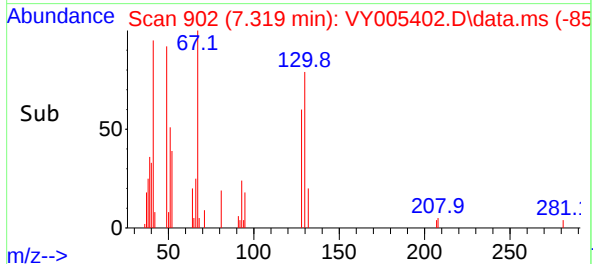
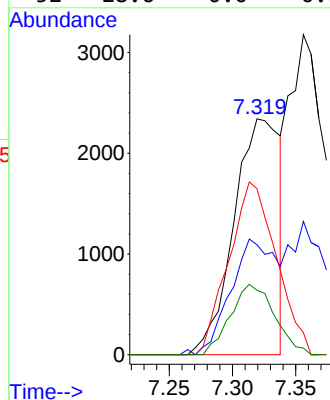
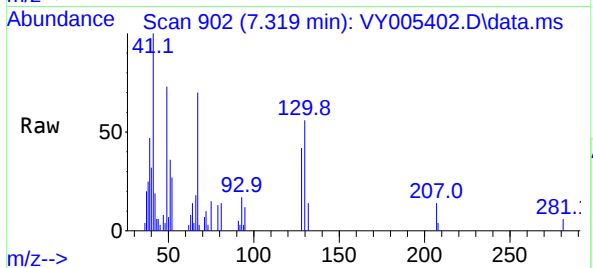
#41
Methacrylonitrile
Concen: 4.436 ug/l
RT: 7.319 min Scan# 902
Delta R.T. -0.000 min
Lab File: VY005402.D
Acq: 09 Jul 2021 16:49

Tgt Ion:	41	Resp:	5916
Ion	Ratio	Lower	Upper
41	100		
39	48.9	0.0	0.0#
67	75.7	0.0	0.0#
52	28.6	0.0	0.0#

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

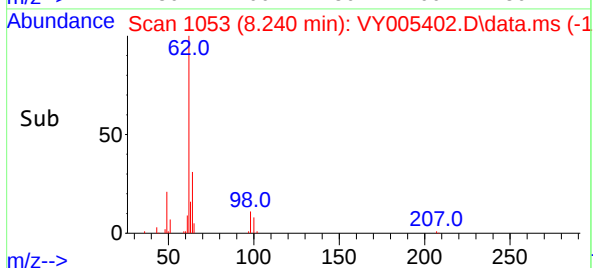
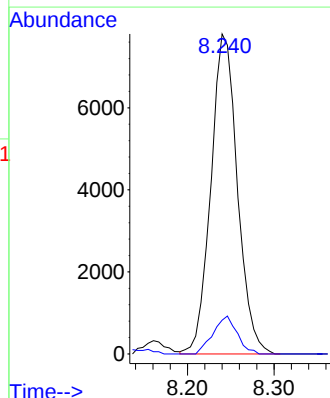
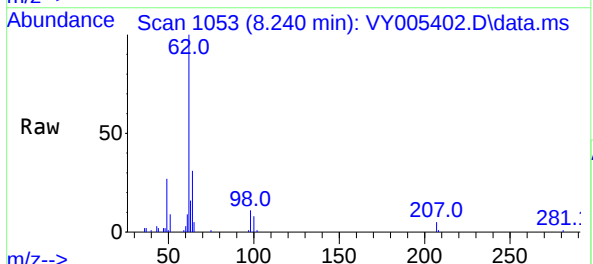
Manual Integrations
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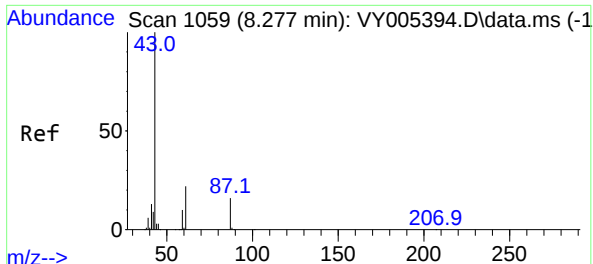
MMDadoda
7/12/2021 5:46:44 PM



#42
1,2-Dichloroethane
Concen: 4.221 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VY005402.D
Acq: 09 Jul 2021 16:49

Tgt Ion:	62	Resp:	16615
Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	21.0





#43

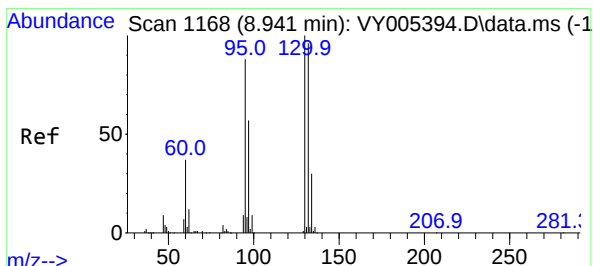
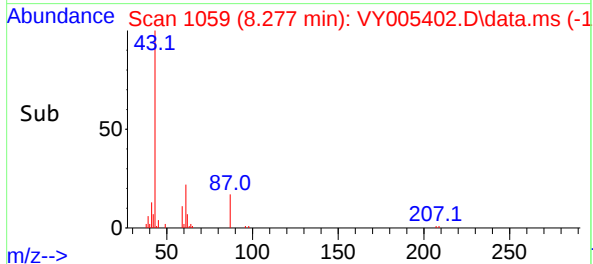
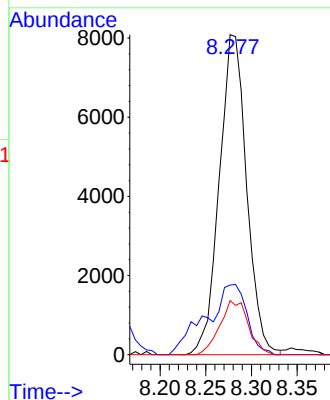
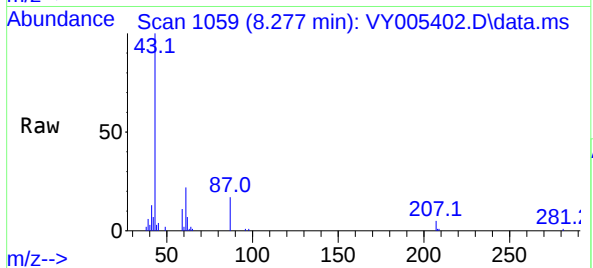
Isopropyl Acetate
Concen: 3.927 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VY005402.D
Acq: 09 Jul 2021 16:49

Tgt Ion:	43	Resp:	16842
Ion	Ratio	Lower	Upper
43	100		
61	32.9	25.7	38.5
87	17.6	13.0	19.6

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

Manual Integrations
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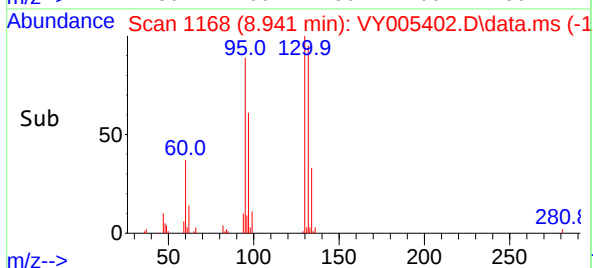
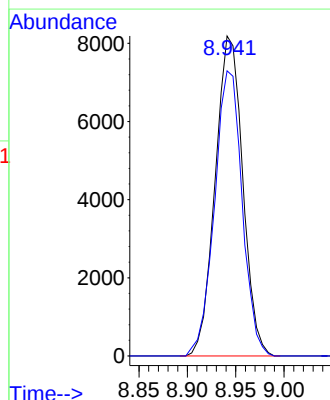
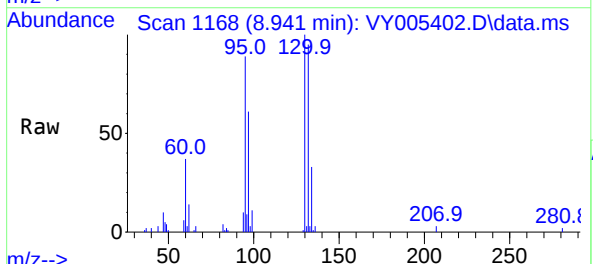
MMDadoda
7/12/2021 5:46:44 PM

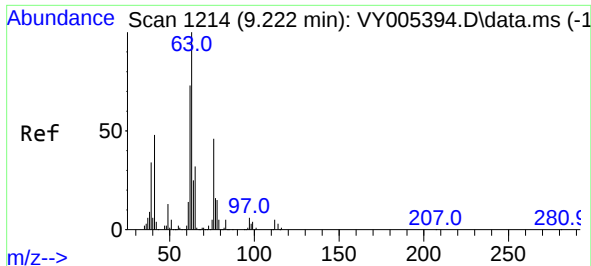


#44

Trichloroethene
Concen: 4.039 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY005402.D
Acq: 09 Jul 2021 16:49

Tgt Ion:	130	Resp:	16200
Ion	Ratio	Lower	Upper
130	100		
95	89.1	0.0	175.6





#45

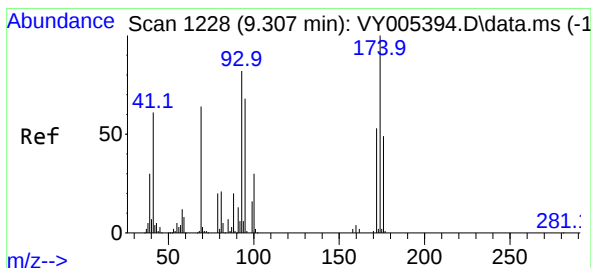
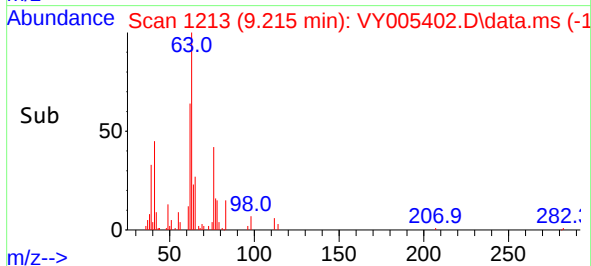
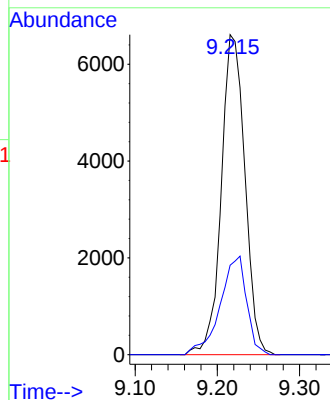
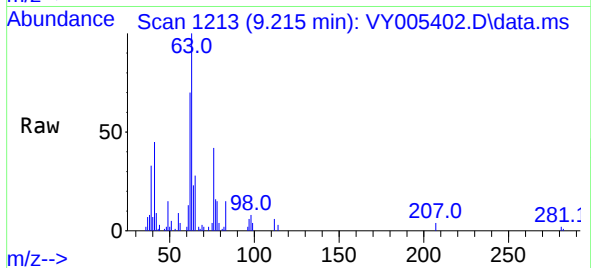
1,2-Dichloropropane
Concen: 4.148 ug/l
RT: 9.215 min Scan# 1213
Delta R.T. -0.006 min
Lab File: VY005402.D
Acq: 09 Jul 2021 16:49

Tgt Ion: 63 Resp: 13208
Ion Ratio Lower Upper
63 100
65 28.0 25.8 38.6

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

Manual Integrations
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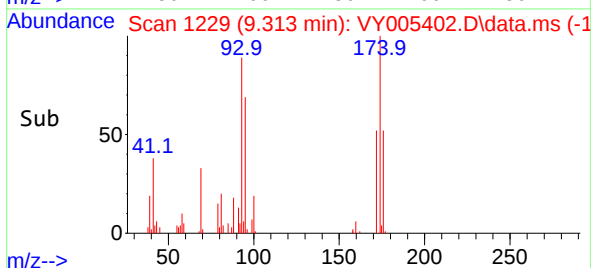
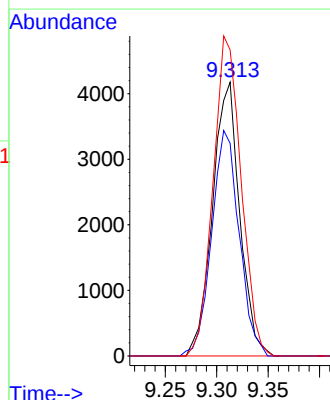
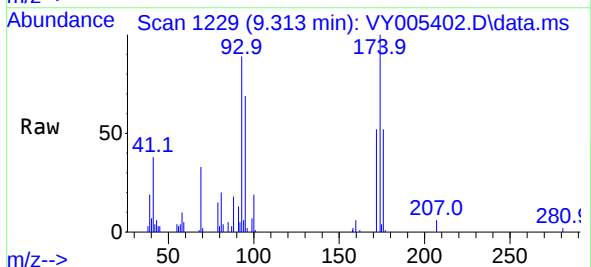
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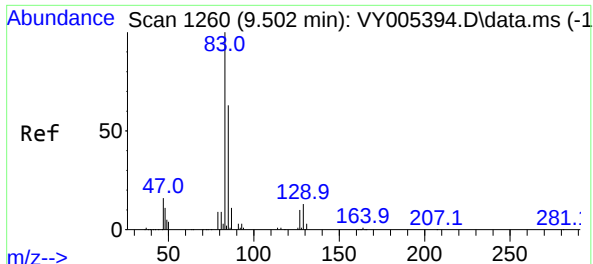


#46

Dibromomethane
Concen: 4.120 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VY005402.D
Acq: 09 Jul 2021 16:49

Tgt Ion: 93 Resp: 7687
Ion Ratio Lower Upper
93 100
95 83.4 66.5 99.7
174 120.1 99.4 149.2





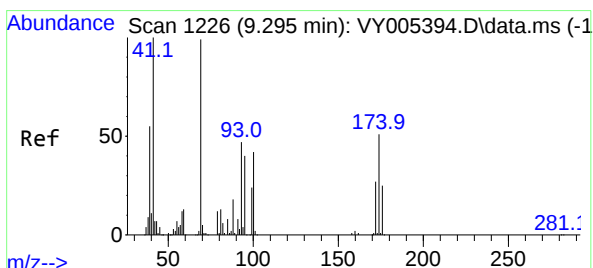
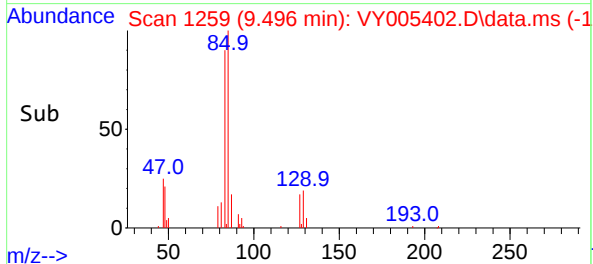
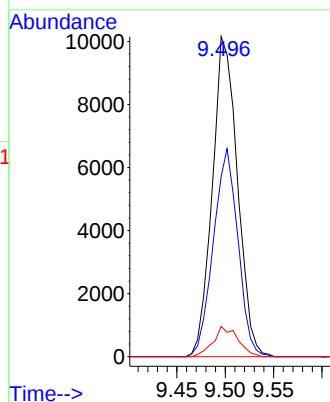
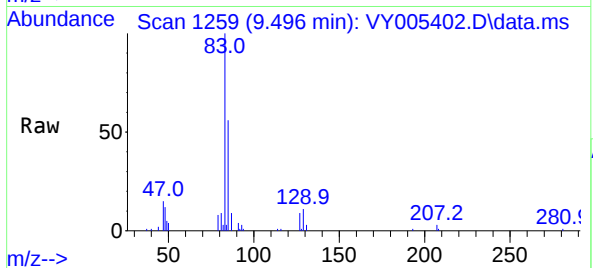
#47
Bromodichloromethane
Concen: 4.064 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.006 min
Lab File: VY005402.D
Acq: 09 Jul 2021 16:49

Tgt Ion: 83 Resp: 18361
Ion Ratio Lower Upper
83 100
85 56.3 50.6 76.0
127 9.4 7.6 11.4

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

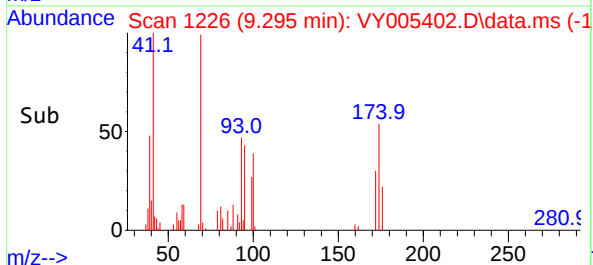
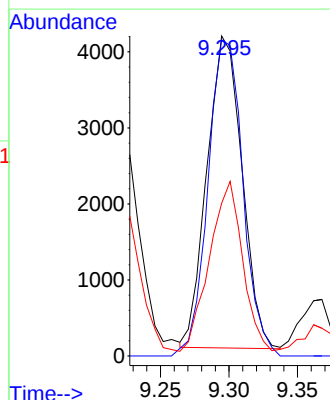
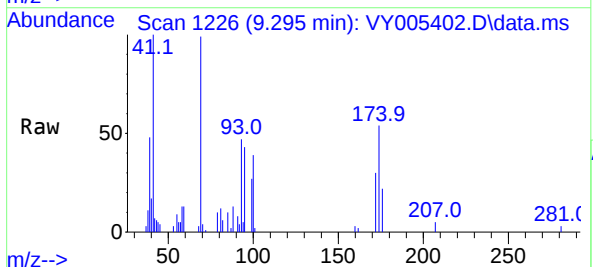
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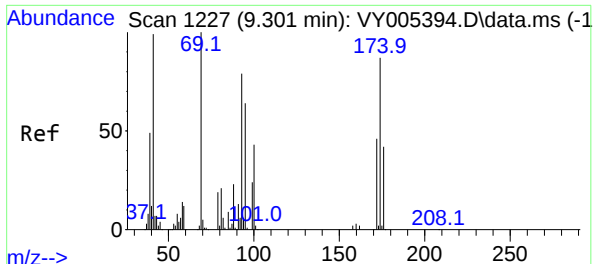
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#48
Methyl methacrylate
Concen: 3.679 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY005402.D
Acq: 09 Jul 2021 16:49

Tgt Ion: 41 Resp: 7295
Ion Ratio Lower Upper
41 100
69 101.0 80.6 121.0
39 52.1 43.3 64.9





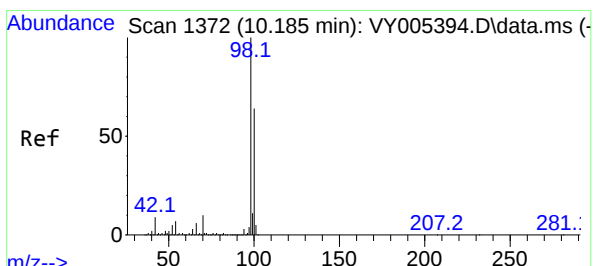
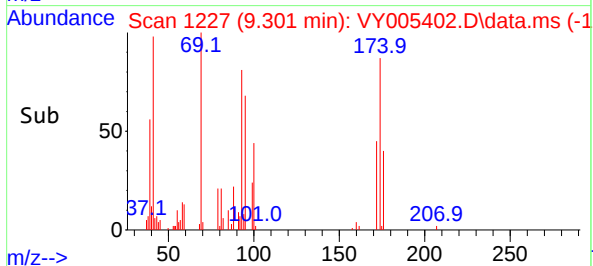
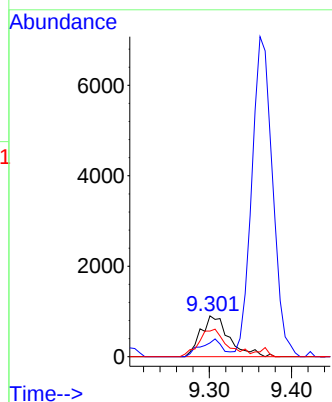
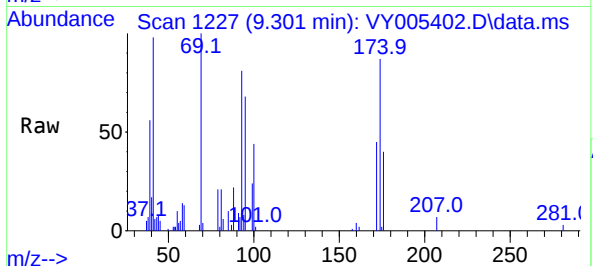
#49
1,4-Dioxane
Concen: 72.456 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VY005402.D
Acq: 09 Jul 2021 16:49

Tgt Ion: 88 Resp: 2166
Ion Ratio Lower Upper
88 100
43 32.6 19.5 29.3#
58 66.5 44.7 67.1

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

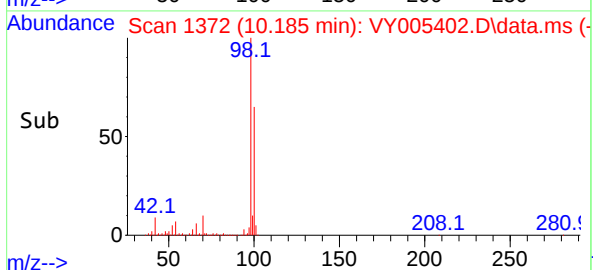
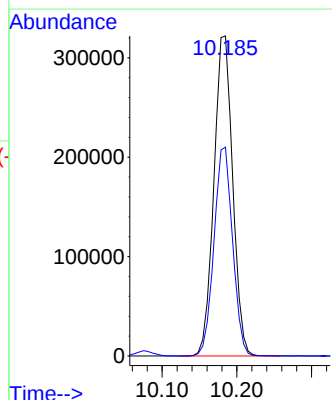
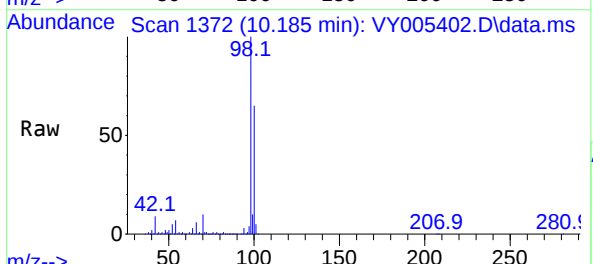
Manual Integrations
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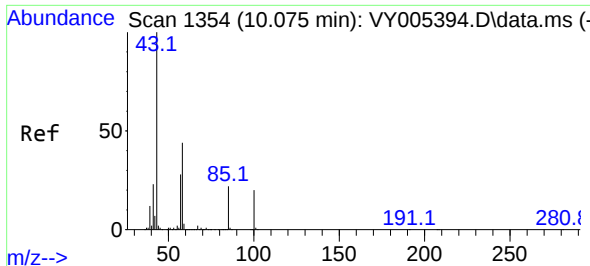
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#50
Toluene-d8
Concen: 47.240 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005402.D
Acq: 09 Jul 2021 16:49

Tgt Ion: 98 Resp: 562115
Ion Ratio Lower Upper
98 100
100 64.5 51.8 77.8





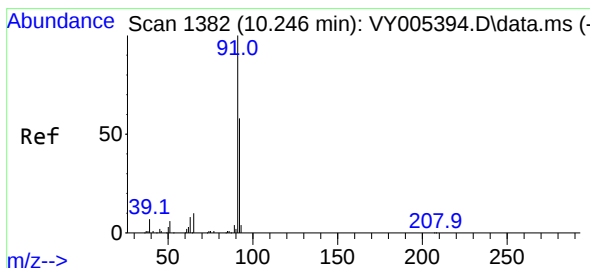
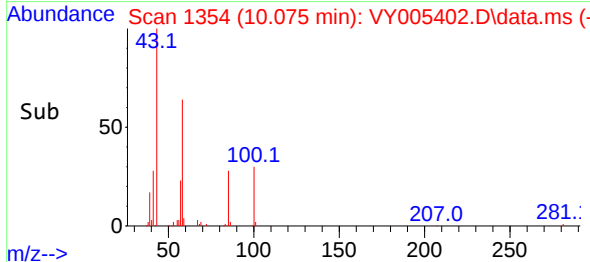
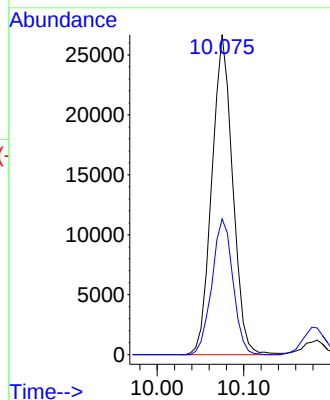
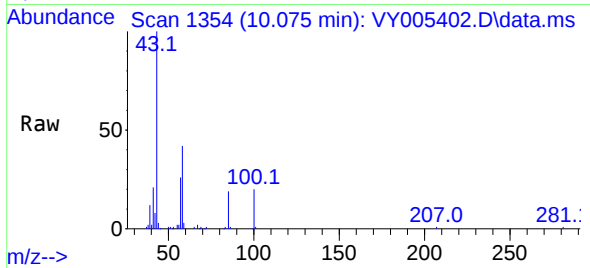
#51
4-Methyl-2-Pentanone
Concen: 18.790 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. -0.000 min
Lab File: VY005402.D
Acq: 09 Jul 2021 16:49

Tgt Ion: 43 Resp: 44533
Ion Ratio Lower Upper
43 100
58 42.7 34.8 52.2

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

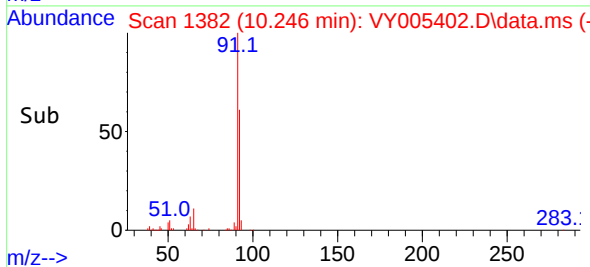
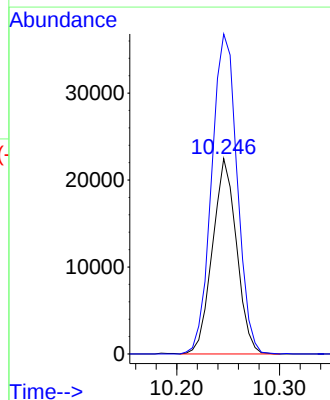
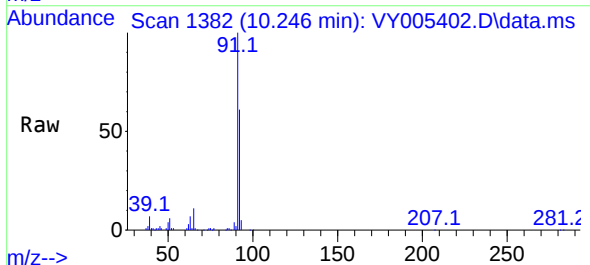
Manual Integrations
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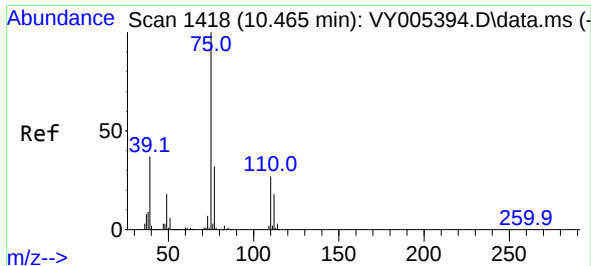
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#52
Toluene
Concen: 4.067 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY005402.D
Acq: 09 Jul 2021 16:49

Tgt Ion: 92 Resp: 36484
Ion Ratio Lower Upper
92 100
91 173.7 138.8 208.2





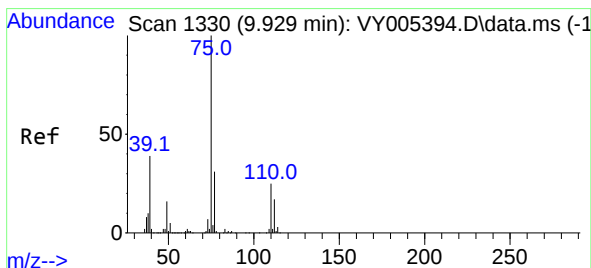
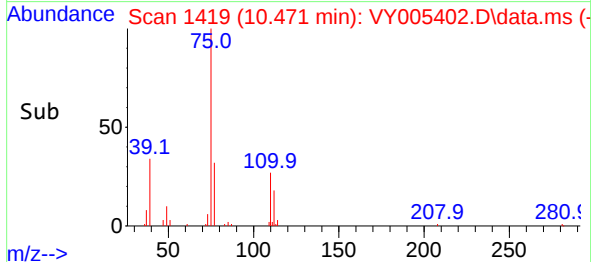
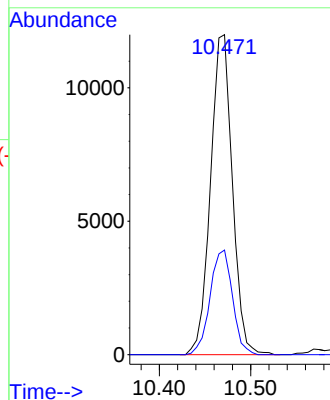
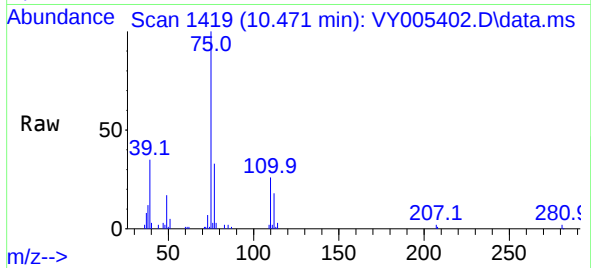
#53
t-1,3-Dichloropropene
Concen: 3.942 ug/l
RT: 10.471 min Scan# 1419
Delta R.T. 0.006 min
Lab File: VY005402.D
Acq: 09 Jul 2021 16:49

Tgt Ion: 75 Resp: 19889
Ion Ratio Lower Upper
75 100
77 32.7 25.4 38.0

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

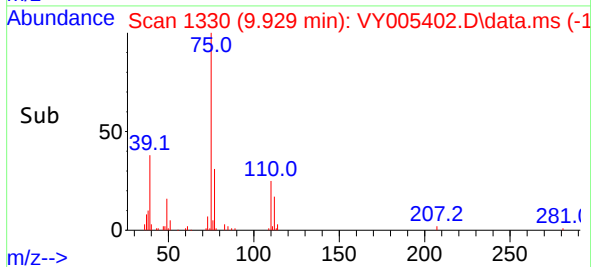
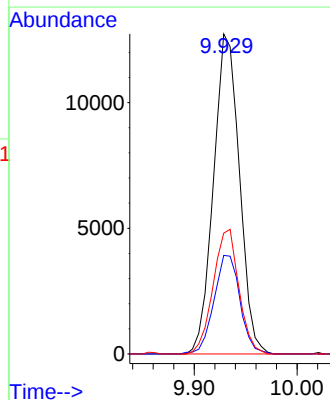
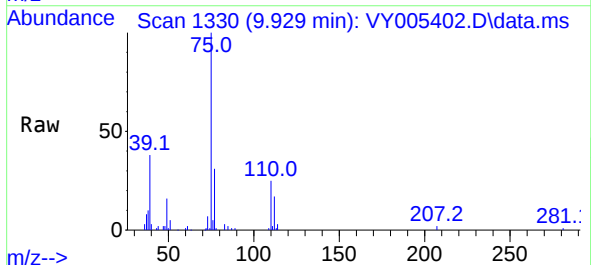
Manual Integrations
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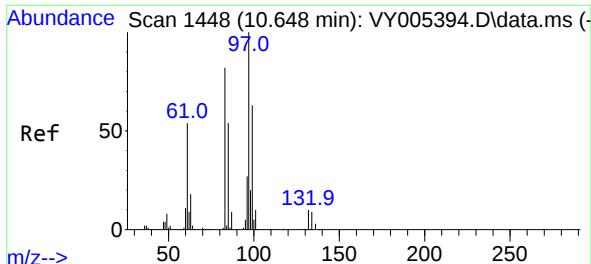
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#54
cis-1,3-Dichloropropene
Concen: 4.000 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY005402.D
Acq: 09 Jul 2021 16:49

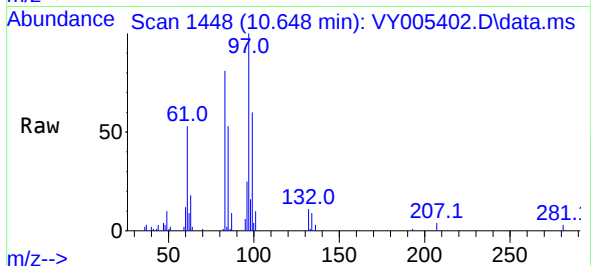
Tgt Ion: 75 Resp: 22247
Ion Ratio Lower Upper
75 100
77 30.8 25.1 37.7
39 37.7 31.5 47.3





#55
1,1,2-Trichloroethane
Concen: 4.020 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VY005402.D
Acq: 09 Jul 2021 16:49

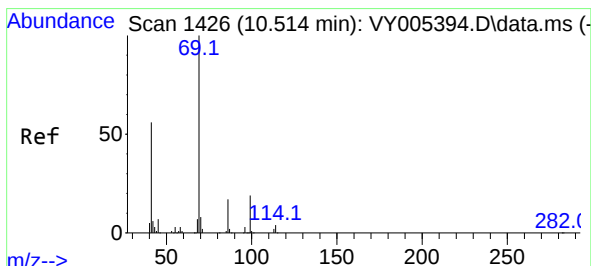
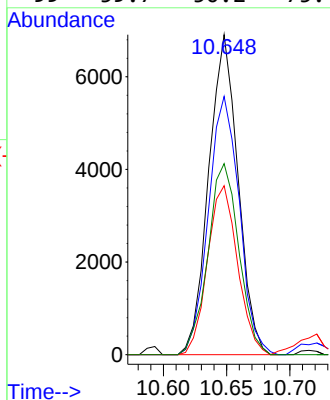
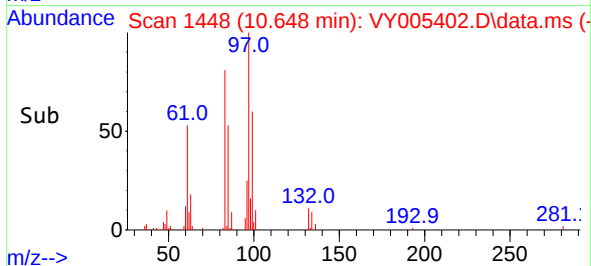
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



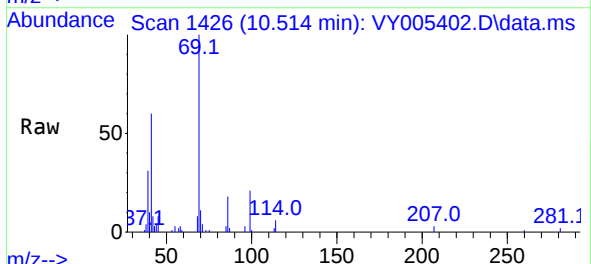
Tgt Ion:	97	Resp:	11131
Ion	Ratio	Lower	Upper
97	100		
83	80.7	65.8	98.8
85	52.8	43.0	64.6
99	59.7	50.2	75.4

Manual Integrations
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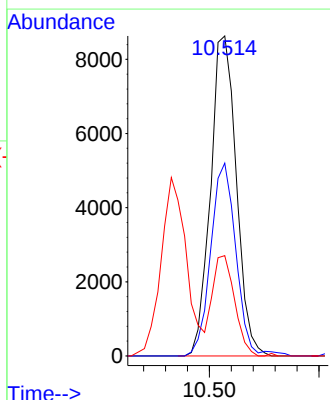
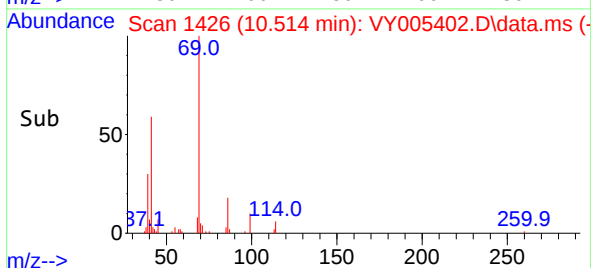
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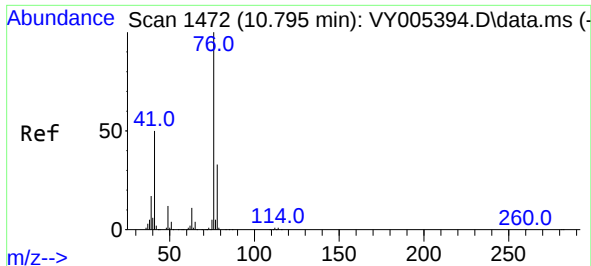


#56
Ethyl methacrylate
Concen: 3.664 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. -0.000 min
Lab File: VY005402.D
Acq: 09 Jul 2021 16:49



Tgt Ion:	69	Resp:	14100
Ion	Ratio	Lower	Upper
69	100		
41	59.0	45.9	68.9
39	27.0	22.4	33.6





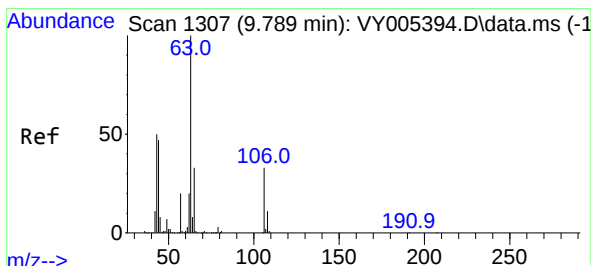
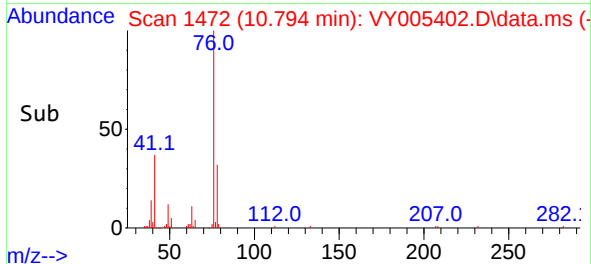
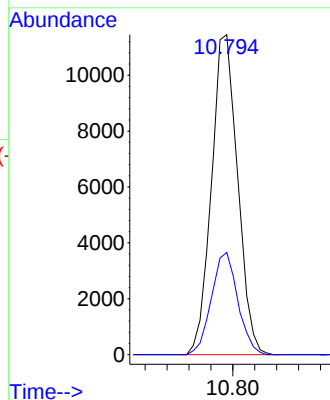
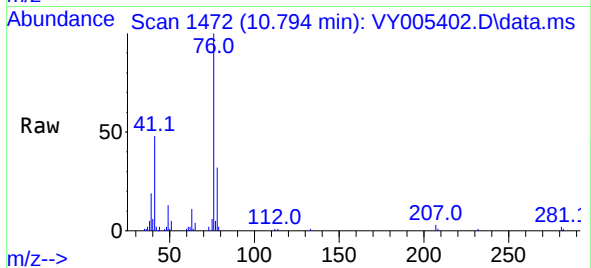
#57
1,3-Dichloropropane
Concen: 4.058 ug/l
RT: 10.794 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VY005402.D
Acq: 09 Jul 2021 16:49

Tgt Ion: 76 Resp: 18966
Ion Ratio Lower Upper
76 100
78 32.3 26.0 39.0

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

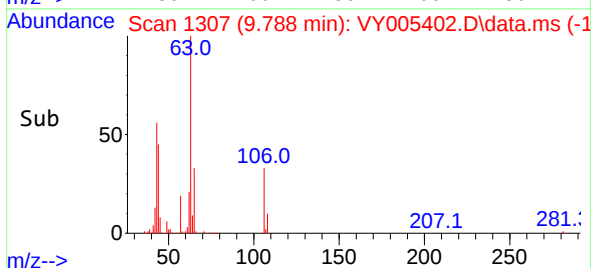
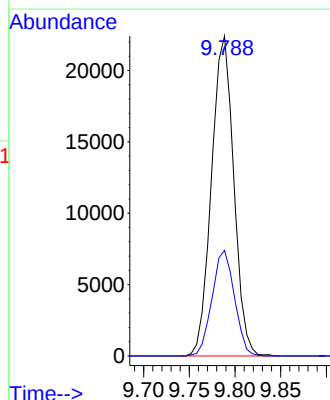
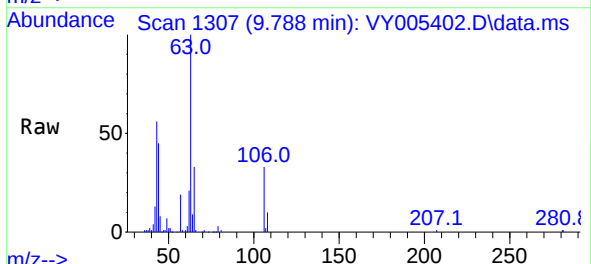
Manual Integrations
APPROVED

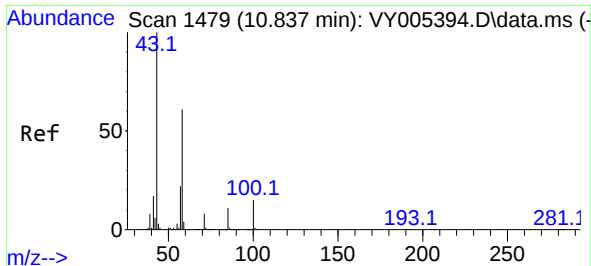
MMDadoda
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#58
2-Chloroethyl Vinyl ether
Concen: 23.080 ug/l
RT: 9.788 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VY005402.D
Acq: 09 Jul 2021 16:49

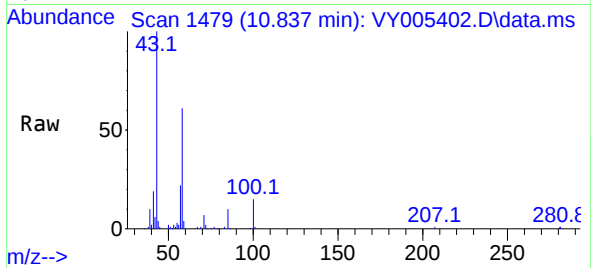
Tgt Ion: 63 Resp: 37971
Ion Ratio Lower Upper
63 100
106 33.1 25.8 38.6





#59
2-Hexanone
Concen: 18.232 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. -0.000 min
Lab File: VY005402.D
Acq: 09 Jul 2021 16:49

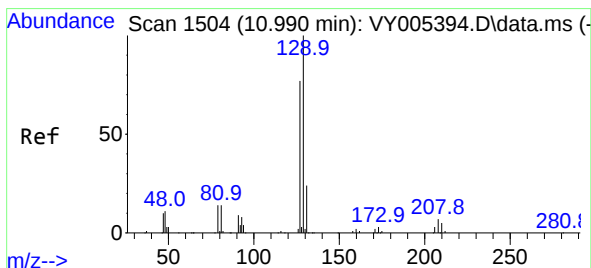
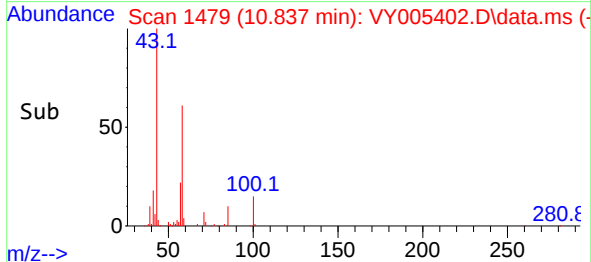
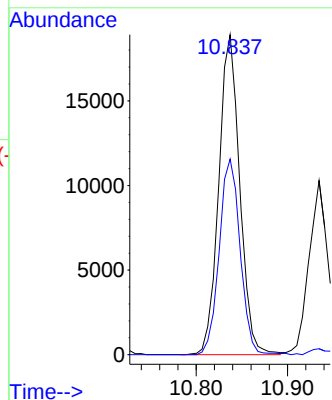
Instrument :
MSVOA_Y
ClientSampleId :
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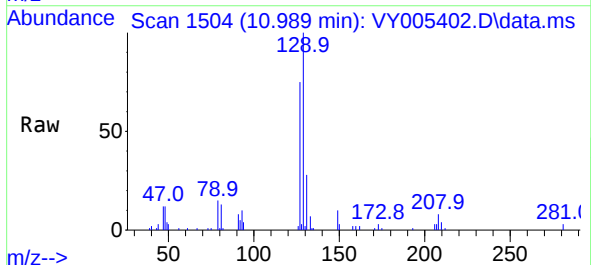
Tgt Ion: 43 Resp: 30180
Ion Ratio Lower Upper
43 100
58 60.9 30.4 91.2

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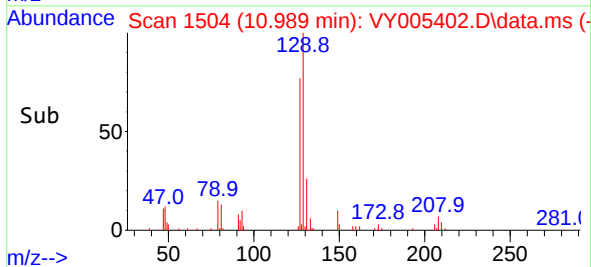
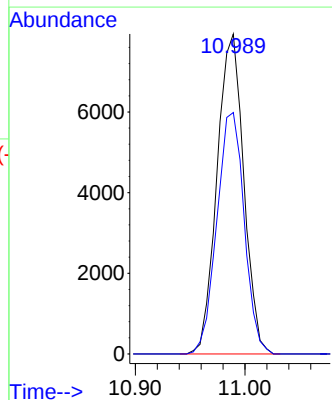
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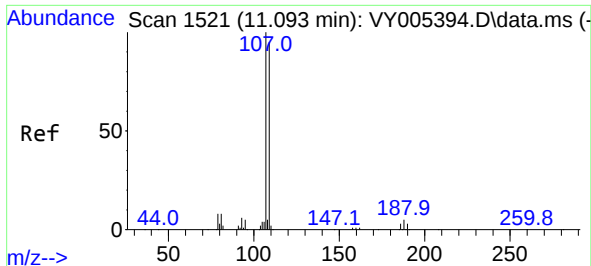


#60
Dibromochloromethane
Concen: 3.886 ug/l
RT: 10.989 min Scan# 1504
Delta R.T. -0.000 min
Lab File: VY005402.D
Acq: 09 Jul 2021 16:49



Tgt Ion: 129 Resp: 13443
Ion Ratio Lower Upper
129 100
127 77.2 38.4 115.1





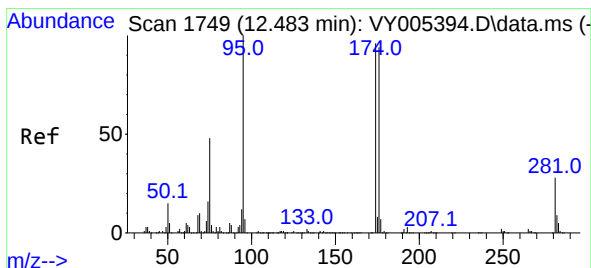
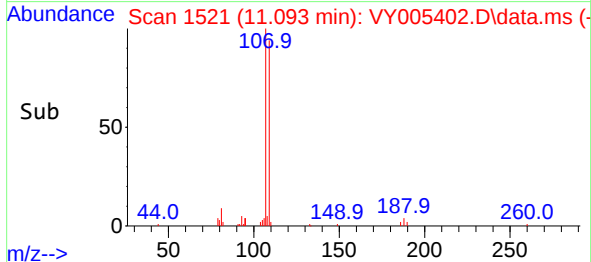
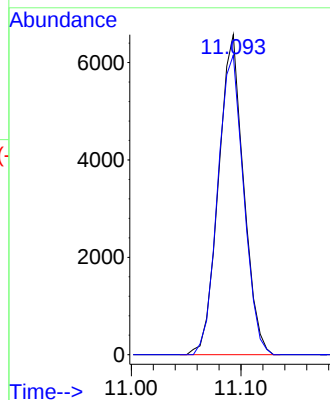
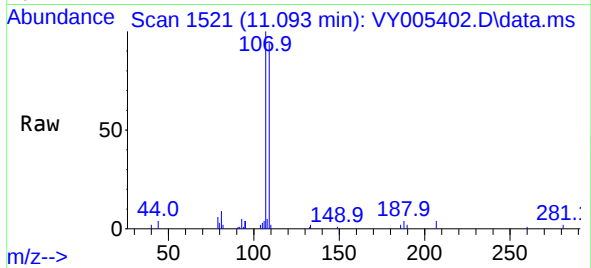
#61
1,2-Dibromoethane
Concen: 3.922 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. -0.000 min
Lab File: VY005402.D
Acq: 09 Jul 2021 16:49

Tgt Ion: 107 Resp: 10448
Ion Ratio Lower Upper
107 100
109 96.7 74.8 112.2

Instrument :
MSVOA_Y
ClientSampleId :
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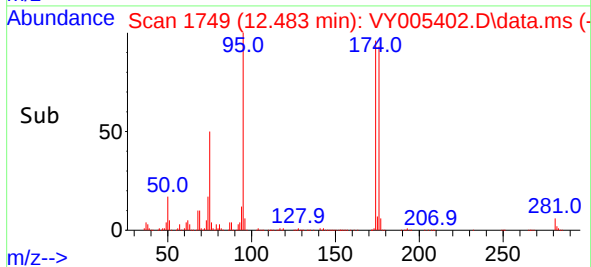
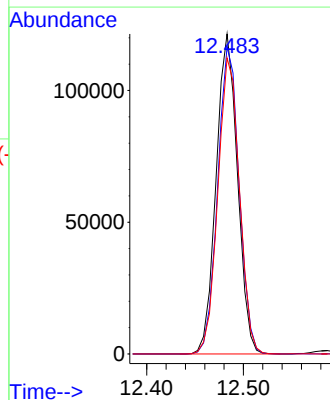
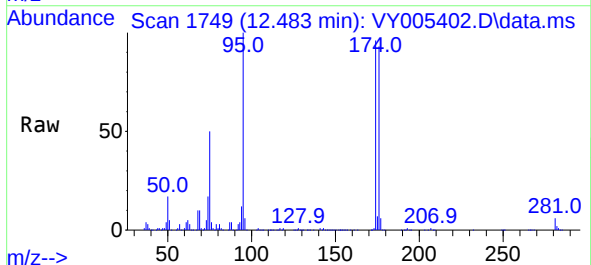
Manual Integrations
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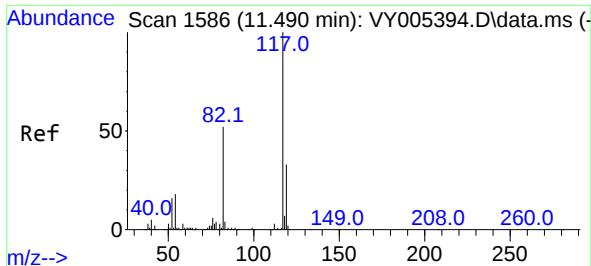
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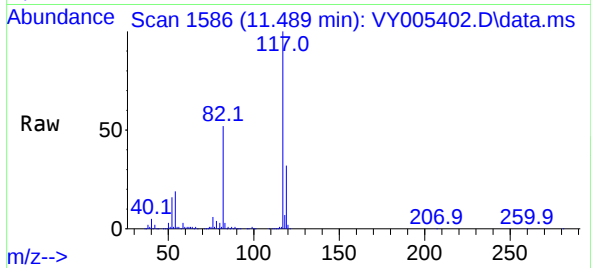
#62
4-Bromofluorobenzene
Concen: 46.318 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005402.D
Acq: 09 Jul 2021 16:49

Tgt Ion: 95 Resp: 185793
Ion Ratio Lower Upper
95 100
174 96.2 0.0 196.2
176 93.3 0.0 189.6

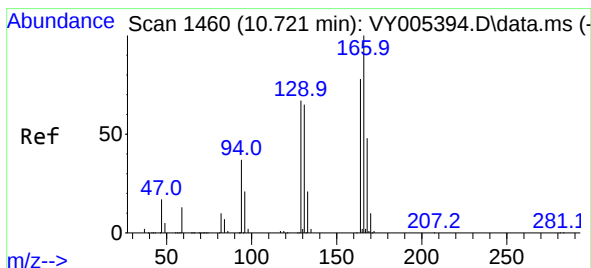
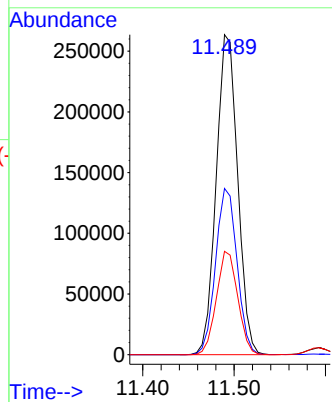
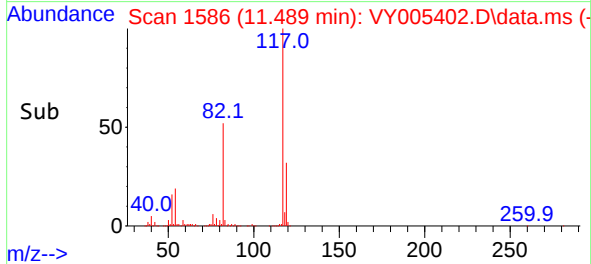




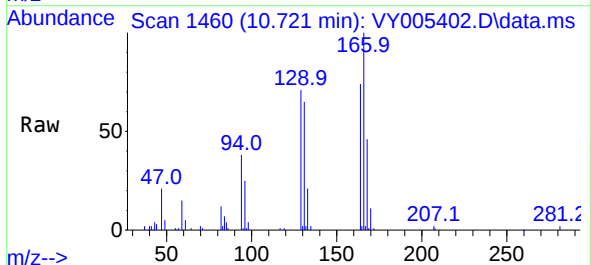
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY005402.D
Acq: 09 Jul 2021 16:49



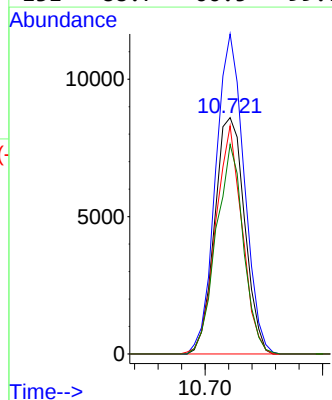
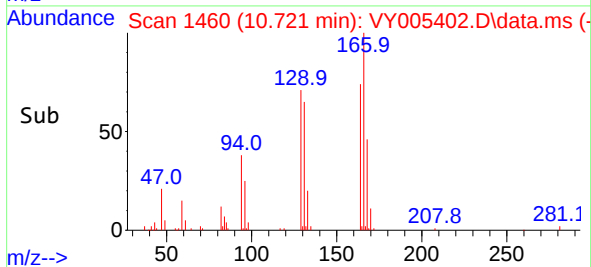
Tgt Ion:117 Resp: 430308
Ion Ratio Lower Upper
117 100
82 52.0 41.6 62.4
119 32.3 26.1 39.1



#64
Tetrachloroethene
Concen: 3.917 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY005402.D
Acq: 09 Jul 2021 16:49



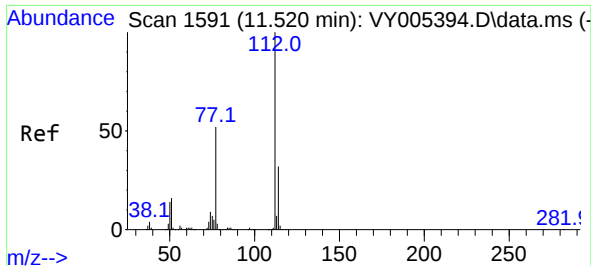
Tgt Ion:164 Resp: 15242
Ion Ratio Lower Upper
164 100
166 135.4 102.6 154.0
129 96.6 68.4 102.6
131 88.7 66.5 99.7



Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

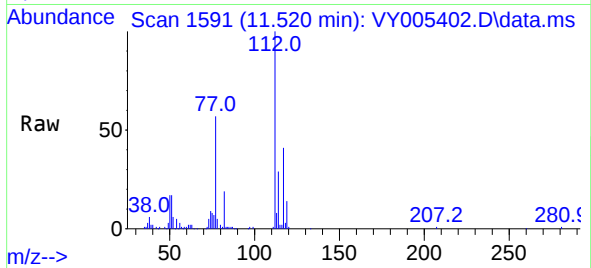
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#65
Chlorobenzene
Concen: 4.057 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY005402.D
Acq: 09 Jul 2021 16:49

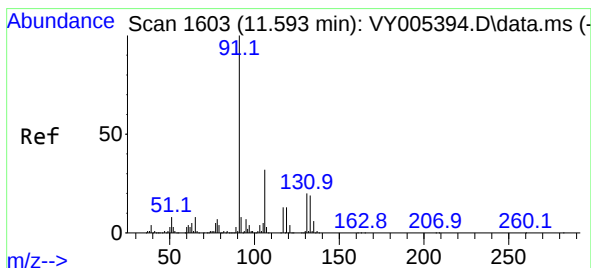
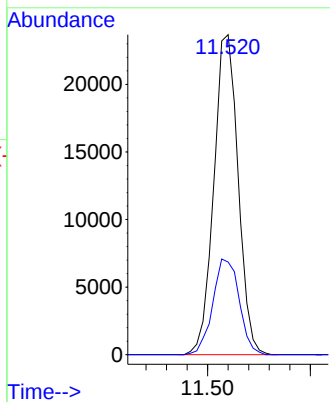
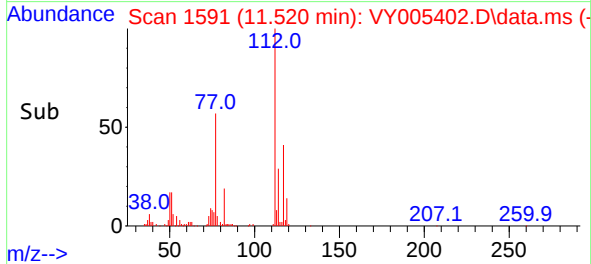
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



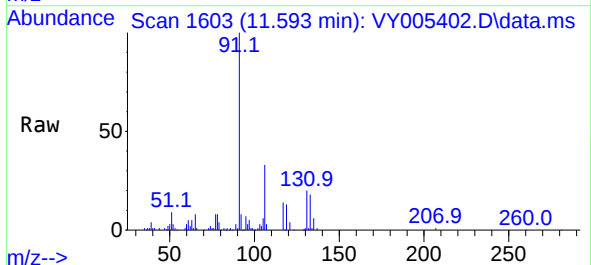
Tgt Ion:112 Resp: 38847
Ion Ratio Lower Upper
112 100
114 29.0 25.8 38.6

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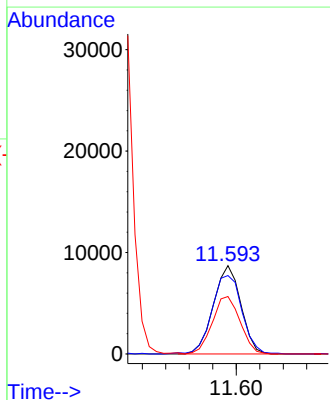
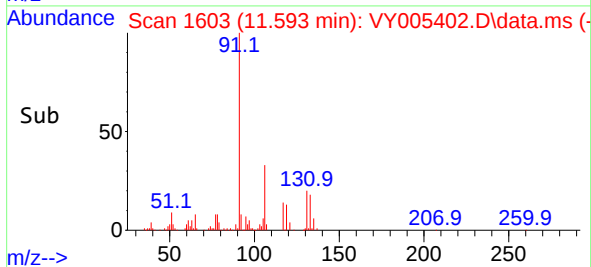
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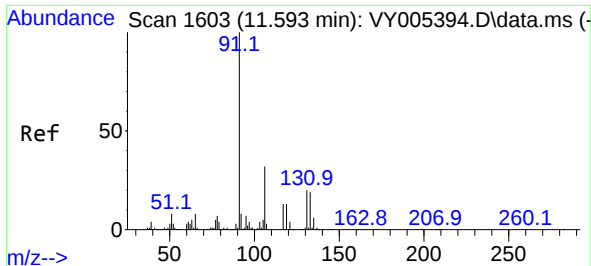


#66
1,1,1,2-Tetrachloroethane
Concen: 3.959 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY005402.D
Acq: 09 Jul 2021 16:49



Tgt Ion:131 Resp: 14098
Ion Ratio Lower Upper
131 100
133 98.0 48.4 145.2
119 66.0 31.8 95.4





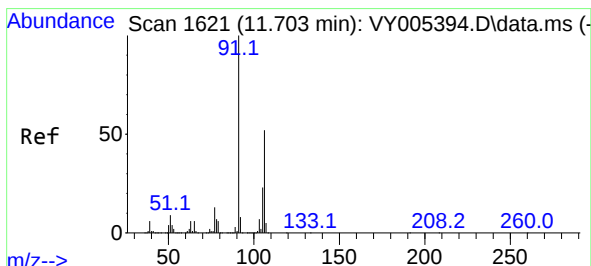
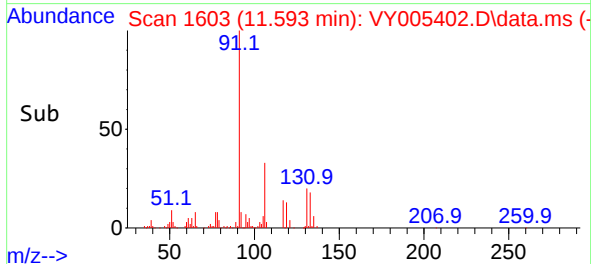
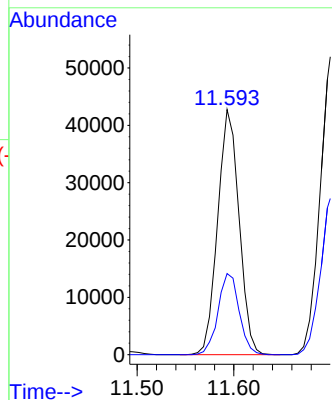
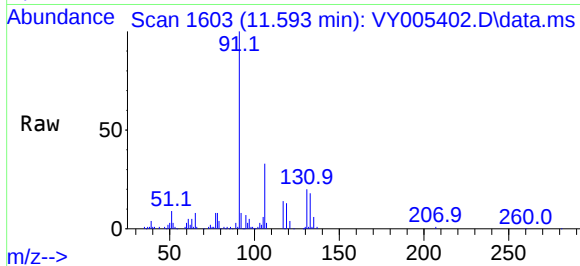
#67
Ethyl Benzene
Concen: 3.908 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY005402.D
Acq: 09 Jul 2021 16:49

Tgt Ion: 91 Resp: 65582
Ion Ratio Lower Upper
91 100
106 33.1 25.8 38.8

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

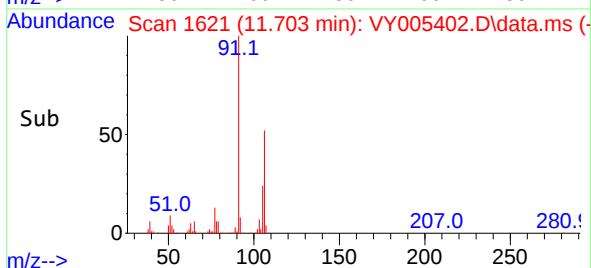
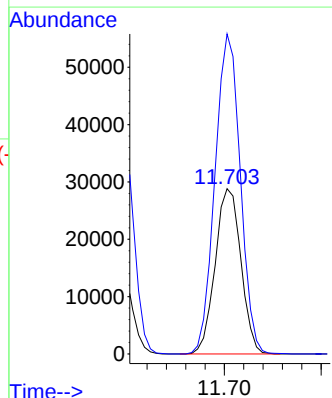
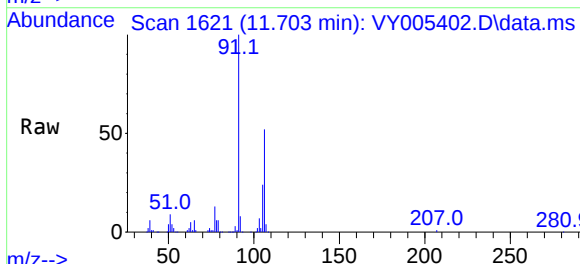
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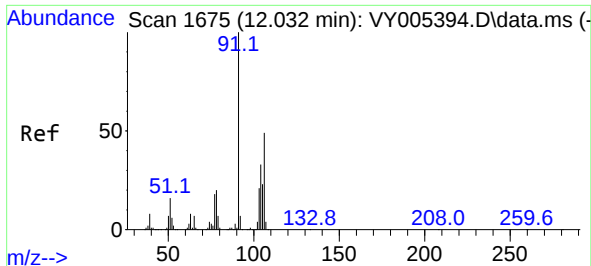
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#68
m/p-Xylenes
Concen: 7.917 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY005402.D
Acq: 09 Jul 2021 16:49

Tgt Ion: 106 Resp: 53156
Ion Ratio Lower Upper
106 100
91 190.5 154.8 232.2





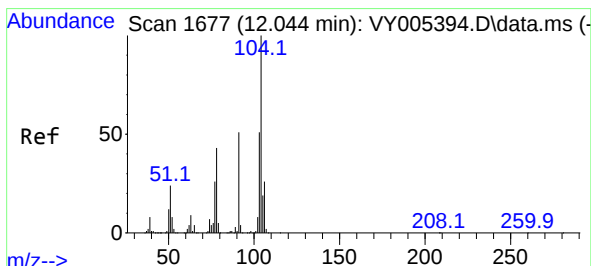
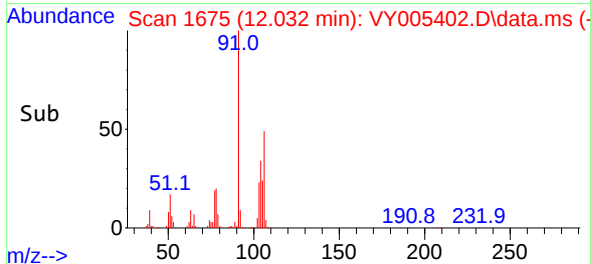
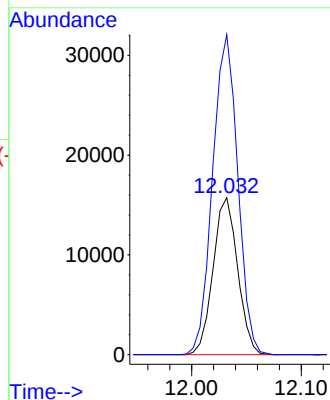
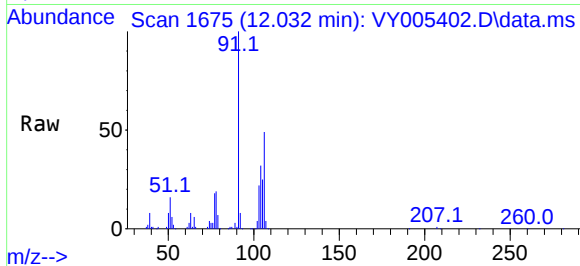
#69
o-Xylene
Concen: 3.837 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY005402.D
Acq: 09 Jul 2021 16:49

Tgt Ion:106 Resp: 24504
Ion Ratio Lower Upper
106 100
91 208.6 102.4 307.2

Instrument :
MSVOA_Y
ClientSampleId :
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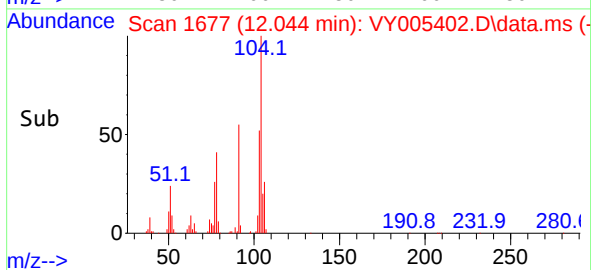
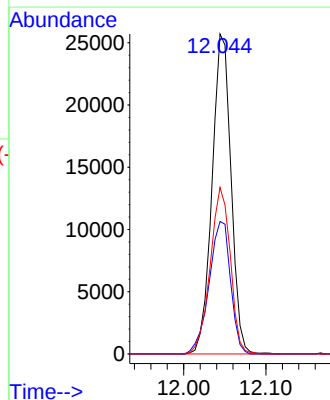
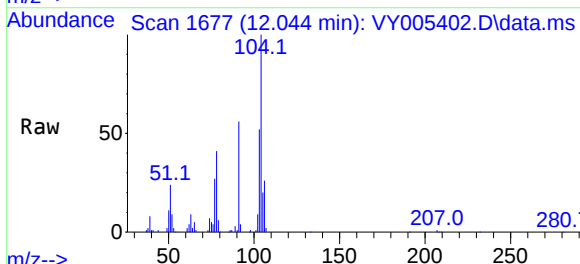
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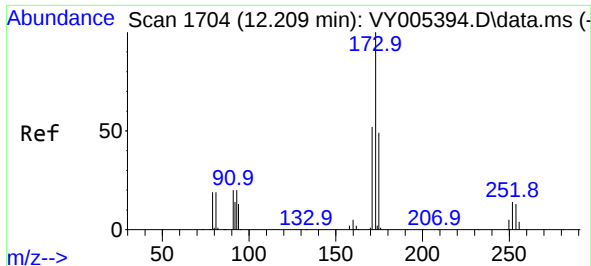
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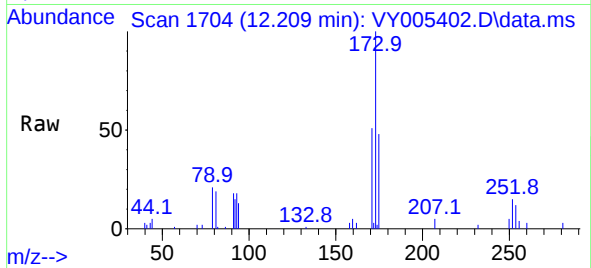
#70
Styrene
Concen: 3.808 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY005402.D
Acq: 09 Jul 2021 16:49

Tgt Ion:104 Resp: 41220
Ion Ratio Lower Upper
104 100
78 46.6 37.0 55.4
103 55.1 43.6 65.4

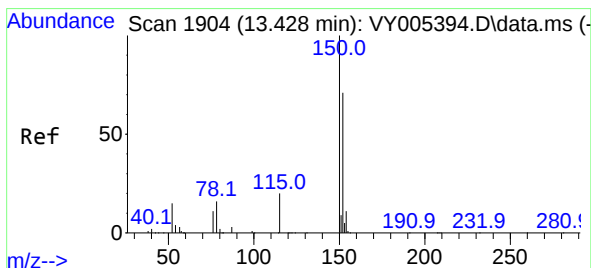
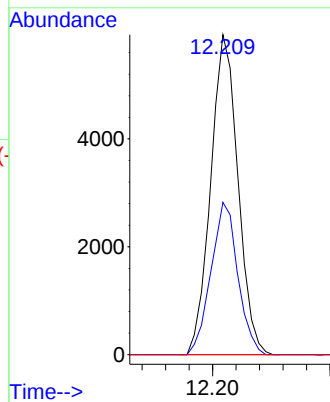
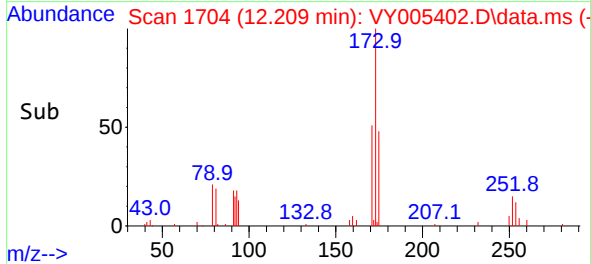




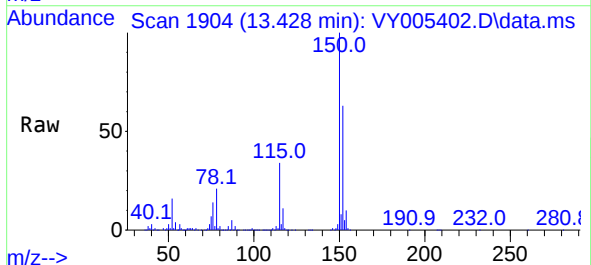
#71
Bromoform
Concen: 4.050 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY005402.D
Acq: 09 Jul 2021 16:49



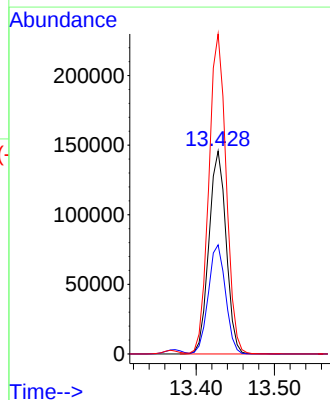
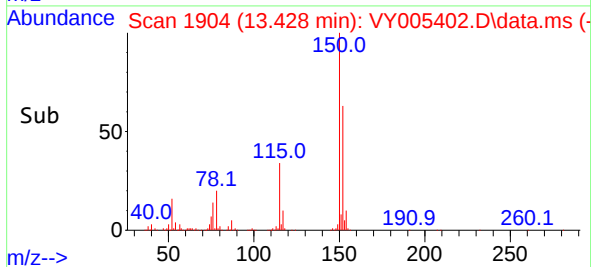
Tgt Ion:173 Resp: 9536
Ion Ratio Lower Upper
173 100
175 47.0 24.1 72.4
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005402.D
Acq: 09 Jul 2021 16:49



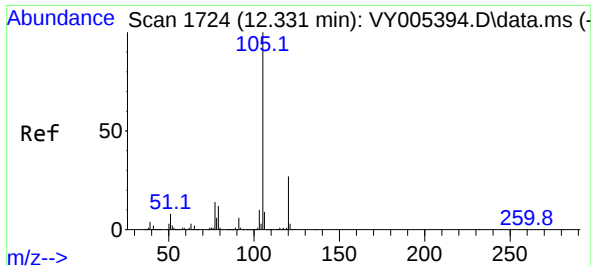
Tgt Ion:152 Resp: 221527
Ion Ratio Lower Upper
152 100
115 53.9 26.8 80.3
150 159.1 0.0 349.8



Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

Manual Integrations
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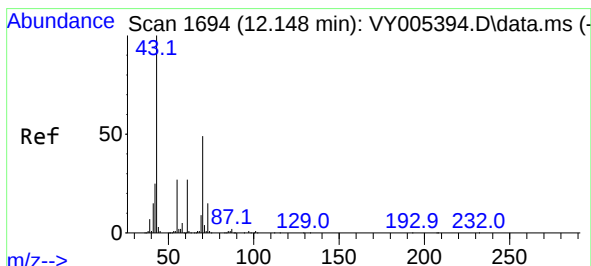
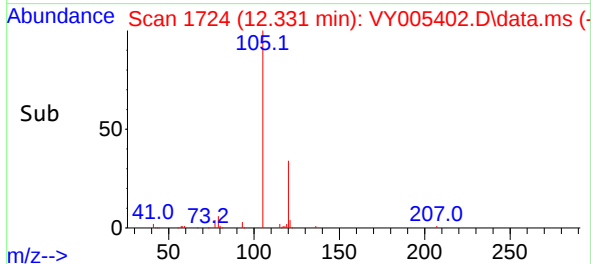
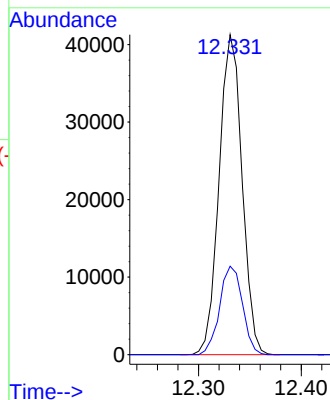
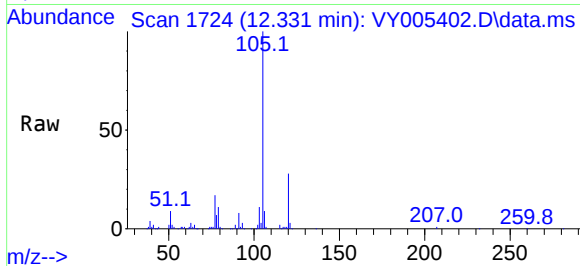
#73
Isopropylbenzene
Concen: 3.967 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY005402.D
Acq: 09 Jul 2021 16:49

Tgt Ion: 105 Resp: 63959
Ion Ratio Lower Upper
105 100
120 27.5 13.7 41.0

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

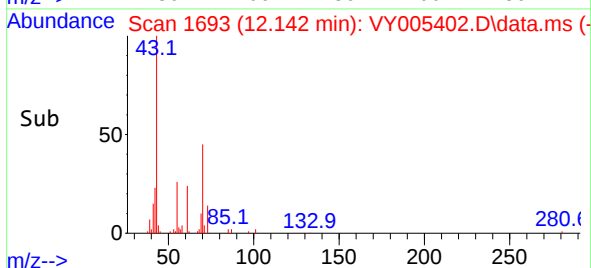
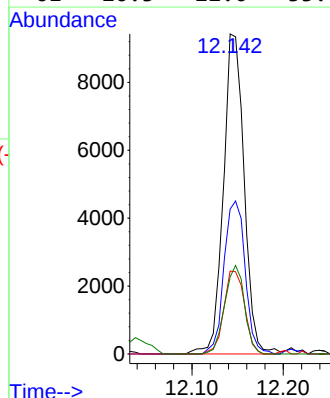
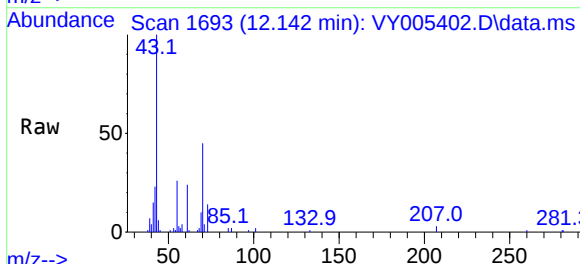
Manual Integrations
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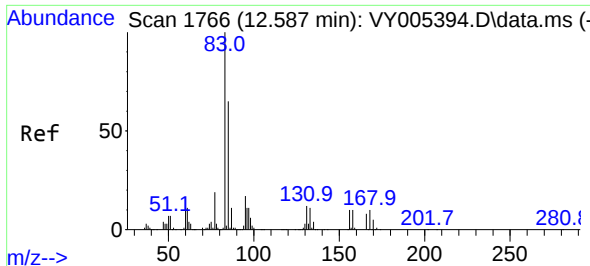
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#74
N-ethyl acetate
Concen: 3.898 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VY005402.D
Acq: 09 Jul 2021 16:49

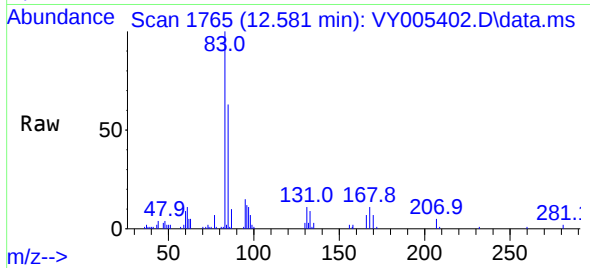
Tgt Ion: 43 Resp: 14892
Ion Ratio Lower Upper
43 100
70 48.7 39.8 59.8
55 25.9 21.2 31.8
61 26.3 22.0 33.0





#75
1,1,2,2-Tetrachloroethane
Concen: 4.198 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.006 min
Lab File: VY005402.D
Acq: 09 Jul 2021 16:49

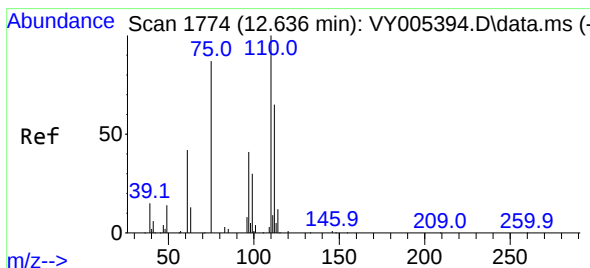
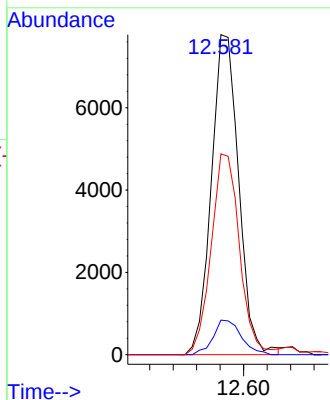
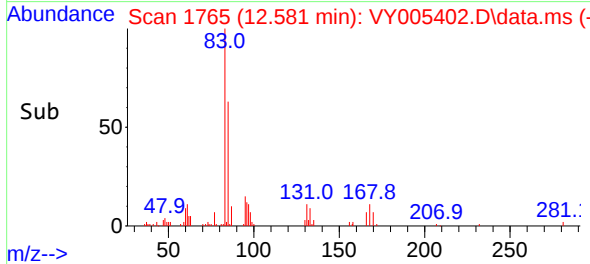
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



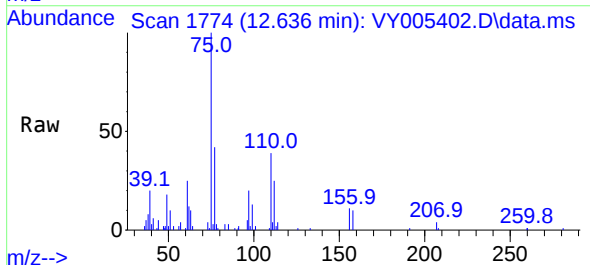
Tgt Ion: 83 Resp: 12561
Ion Ratio Lower Upper
83 100
131 11.1 5.9 17.7
85 64.8 32.4 97.2

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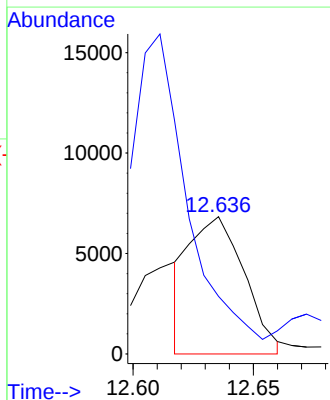
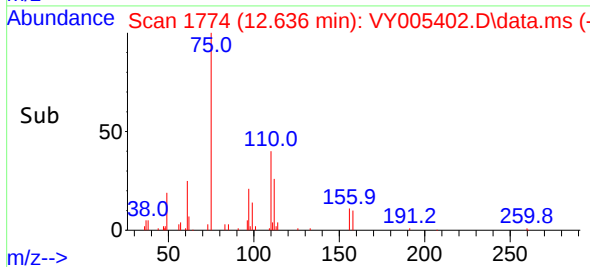
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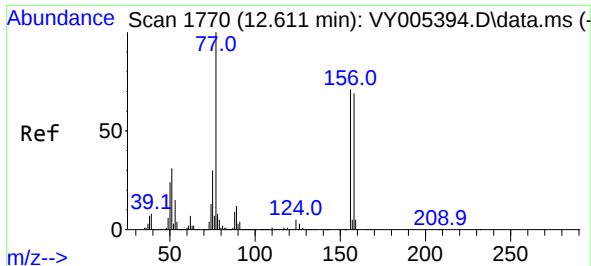


#76
1,2,3-Trichloropropane
Concen: 5.068 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY005402.D
Acq: 09 Jul 2021 16:49



Tgt Ion: 75 Resp: 10859
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





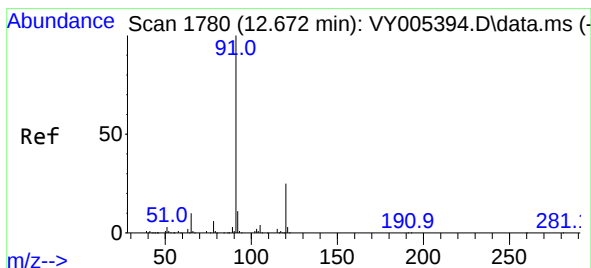
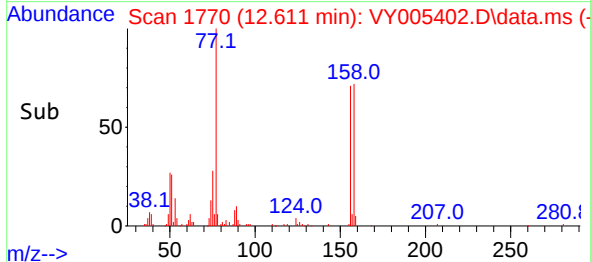
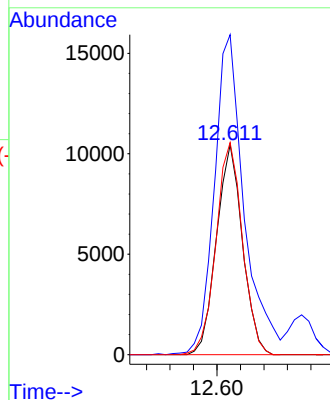
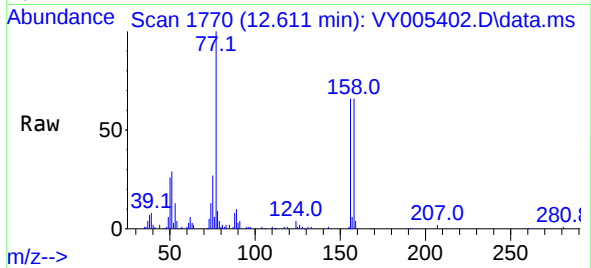
#77
Bromobenzene
Concen: 3.947 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. -0.000 min
Lab File: VY005402.D
Acq: 09 Jul 2021 16:49

Tgt Ion: 156 Resp: 16055
Ion Ratio Lower Upper
156 100
77 174.2 80.7 242.1
158 103.0 48.9 146.8

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

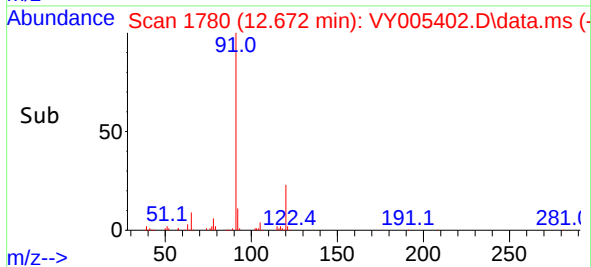
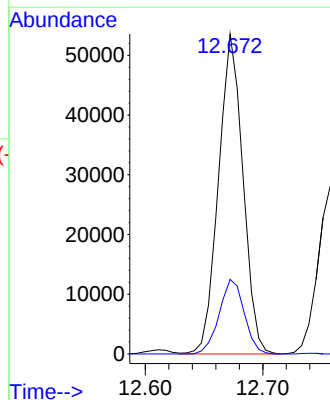
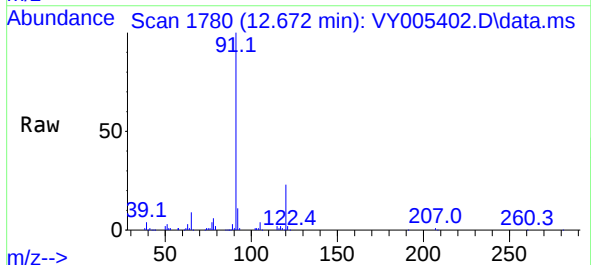
Manual Integrations
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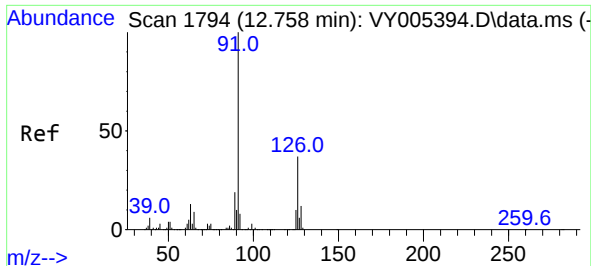
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#78
n-propylbenzene
Concen: 4.086 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VY005402.D
Acq: 09 Jul 2021 16:49

Tgt Ion: 91 Resp: 77539
Ion Ratio Lower Upper
91 100
120 23.7 12.3 36.9





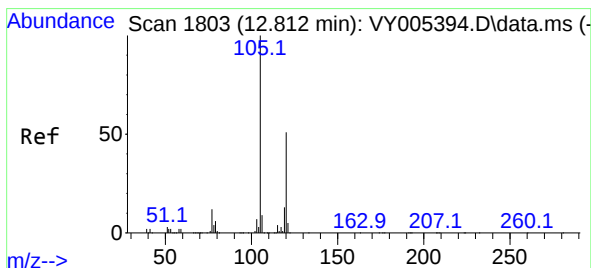
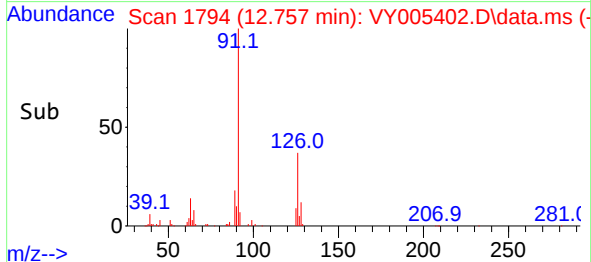
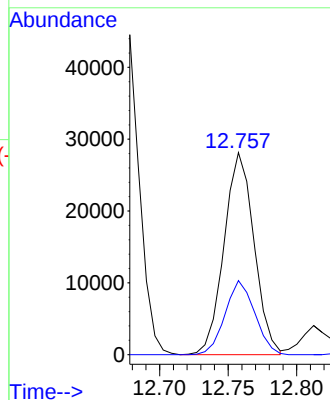
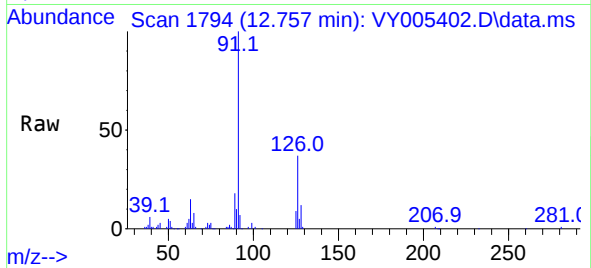
#79
2-Chlorotoluene
Concen: 4.031 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY005402.D
Acq: 09 Jul 2021 16:49

Tgt Ion: 91 Resp: 42979
Ion Ratio Lower Upper
91 100
126 36.2 18.4 55.0

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

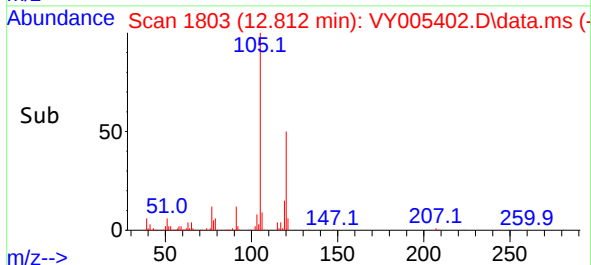
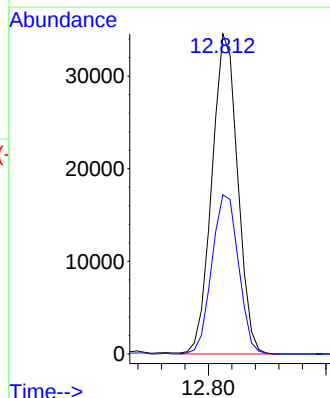
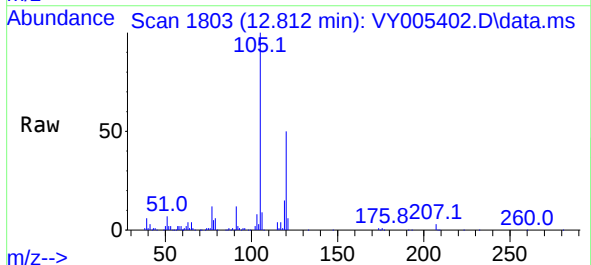
Manual Integrations
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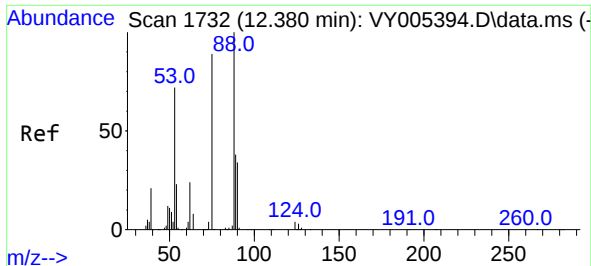
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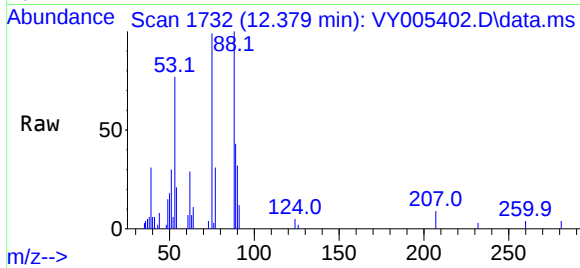
#80
1,3,5-Trimethylbenzene
Concen: 3.911 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY005402.D
Acq: 09 Jul 2021 16:49

Tgt Ion: 105 Resp: 52596
Ion Ratio Lower Upper
105 100
120 51.5 25.4 76.4

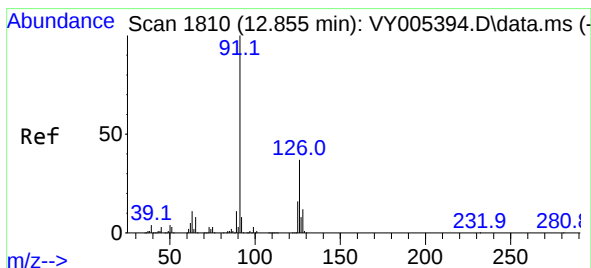
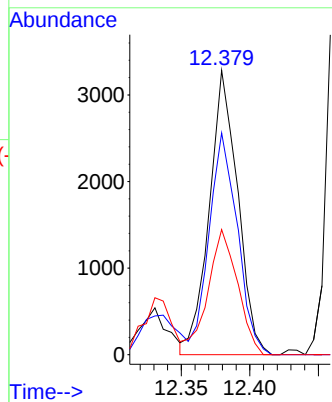
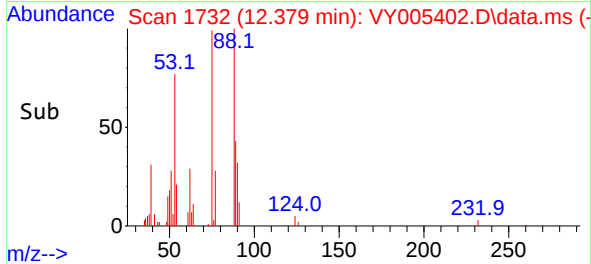




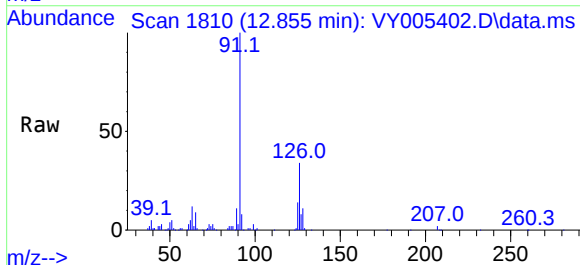
#81
trans-1,4-Dichloro-2-butene
Concen: 4.108 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY005402.D
Acq: 09 Jul 2021 16:49



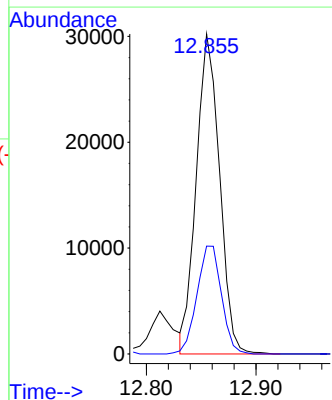
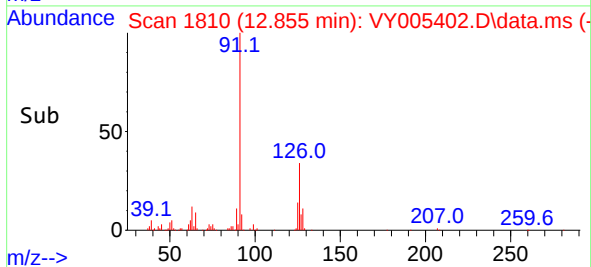
Tgt Ion: 75 Resp: 4734
Ion Ratio Lower Upper
75 100
53 77.5 66.2 99.2
89 46.1 37.2 55.8



#82
4-Chlorotoluene
Concen: 4.024 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY005402.D
Acq: 09 Jul 2021 16:49



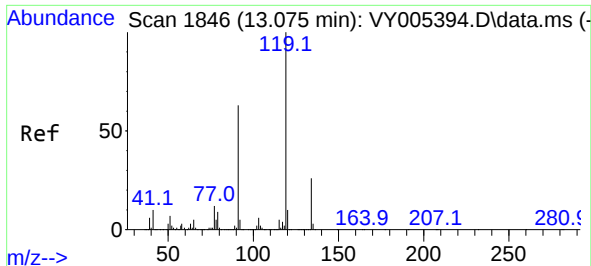
Tgt Ion: 91 Resp: 44597
Ion Ratio Lower Upper
91 100
126 35.6 18.4 55.0



Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

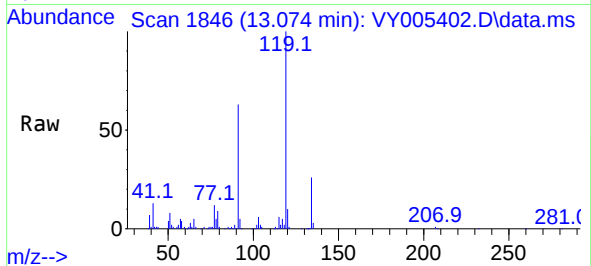
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#83
tert-Butylbenzene
Concen: 3.868 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY005402.D
Acq: 09 Jul 2021 16:49

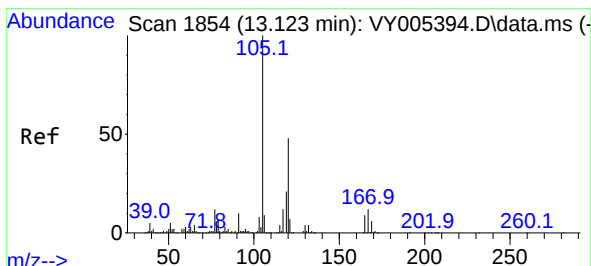
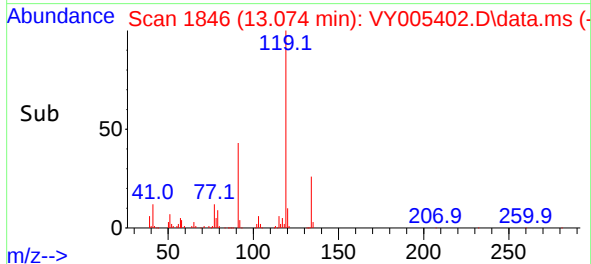
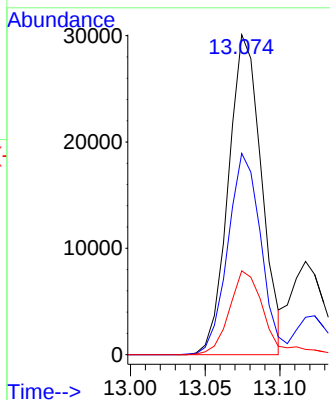
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



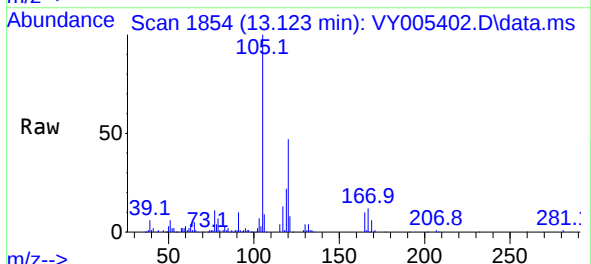
Tgt Ion:119 Resp: 46241
Ion Ratio Lower Upper
119 100
91 63.1 31.1 93.2
134 27.8 13.8 41.4

Manual Integrations
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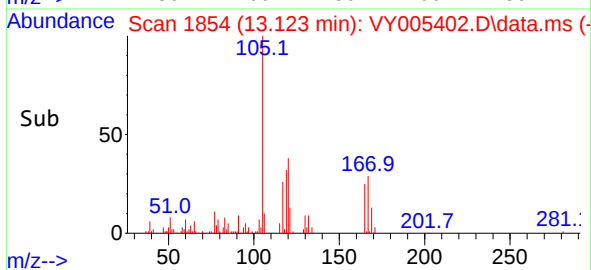
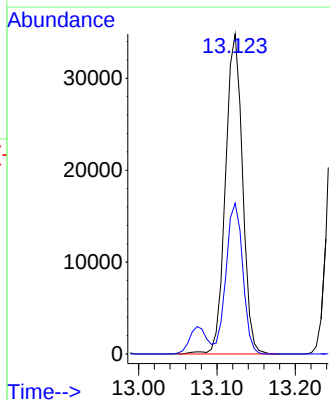
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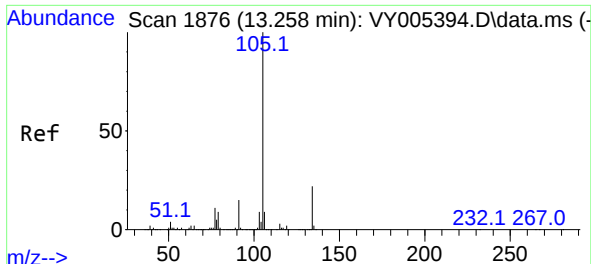


#84
1,2,4-Trimethylbenzene
Concen: 3.917 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY005402.D
Acq: 09 Jul 2021 16:49



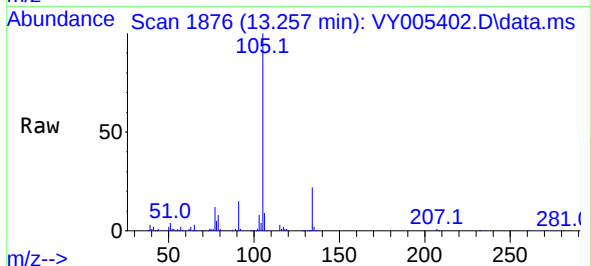
Tgt Ion:105 Resp: 52633
Ion Ratio Lower Upper
105 100
120 46.5 23.6 71.0





#85
sec-Butylbenzene
Concen: 3.941 ug/l
RT: 13.257 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VY005402.D
Acq: 09 Jul 2021 16:49

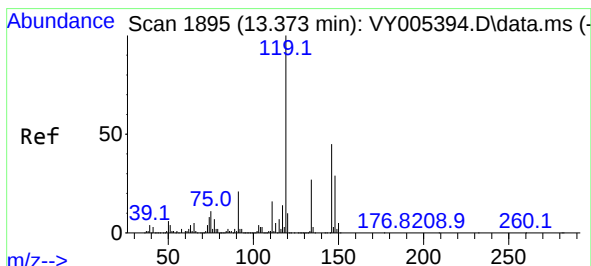
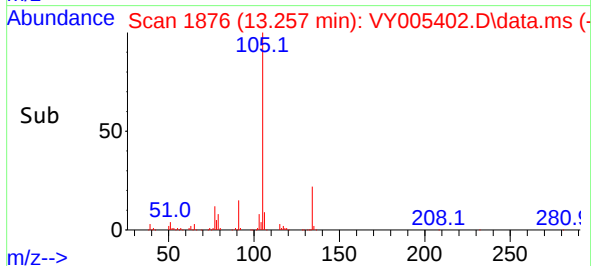
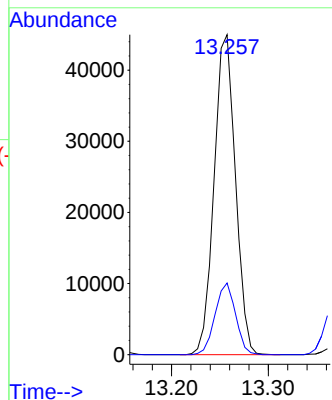
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



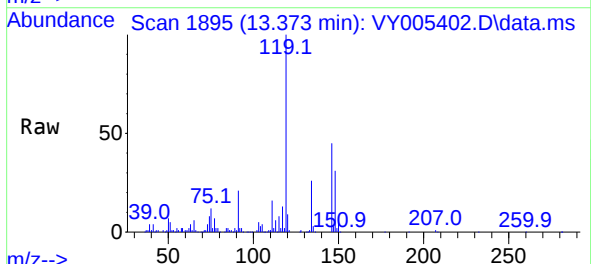
Tgt Ion:105 Resp: 68853
Ion Ratio Lower Upper
105 100
134 21.5 10.9 32.6

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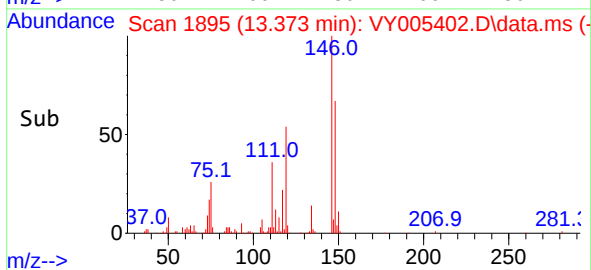
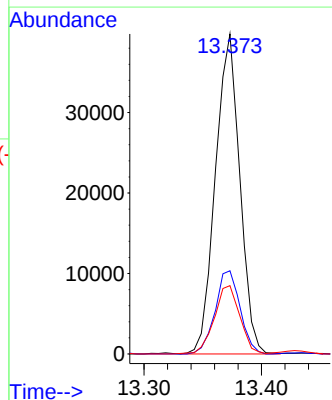
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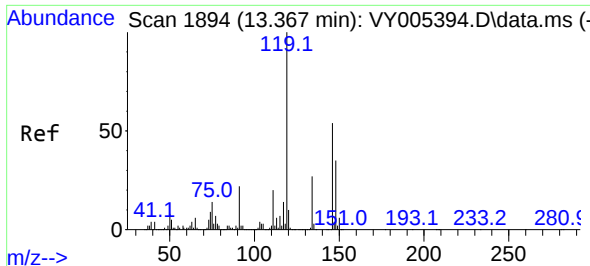


#86
p-Isopropyltoluene
Concen: 3.781 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. -0.000 min
Lab File: VY005402.D
Acq: 09 Jul 2021 16:49



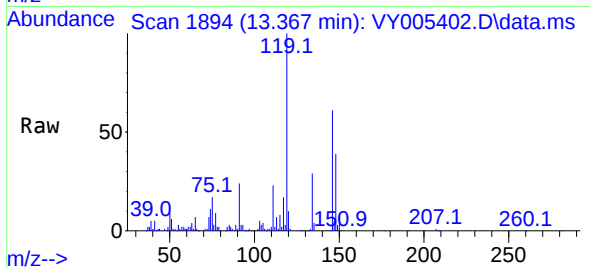
Tgt Ion:119 Resp: 57352
Ion Ratio Lower Upper
119 100
134 26.6 13.6 40.8
91 22.4 10.9 32.6





#87
1,3-Dichlorobenzene
Concen: 3.985 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY005402.D
Acq: 09 Jul 2021 16:49

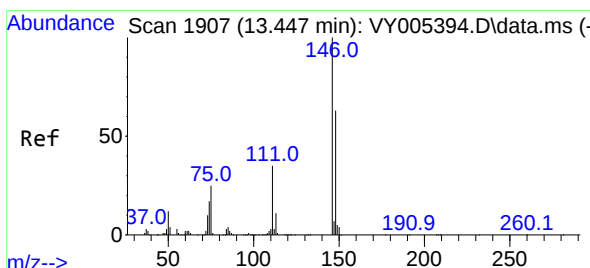
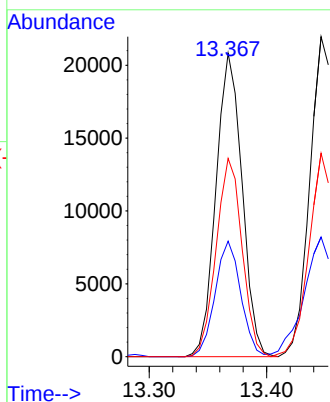
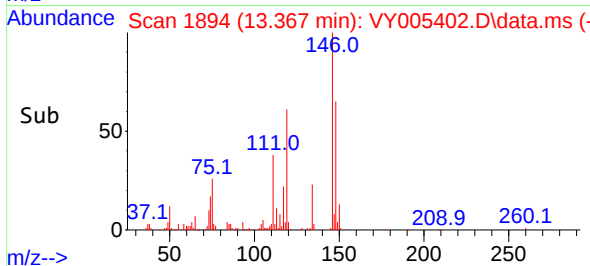
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



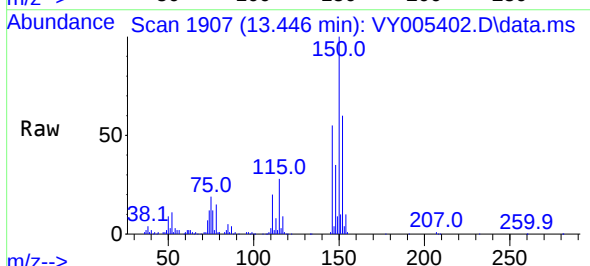
Tgt Ion:146 Resp: 32136
Ion Ratio Lower Upper
146 100
111 37.5 18.4 55.0
148 64.9 32.0 96.0

Manual Integrations
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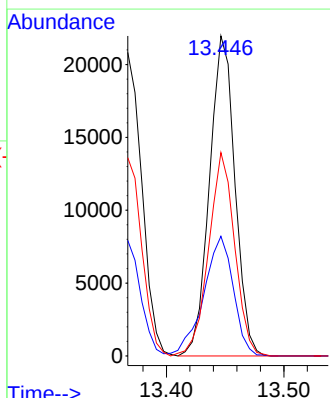
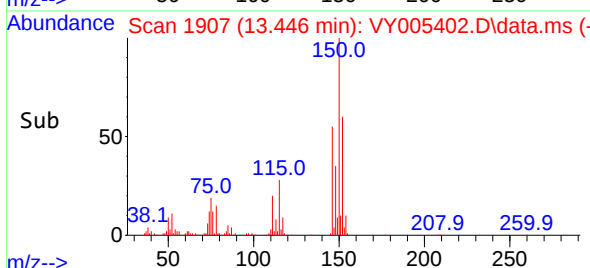
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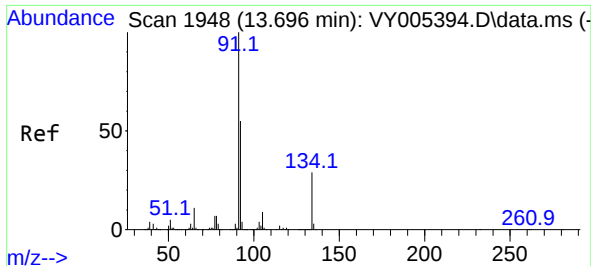


#88
1,4-Dichlorobenzene
Concen: 4.157 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY005402.D
Acq: 09 Jul 2021 16:49

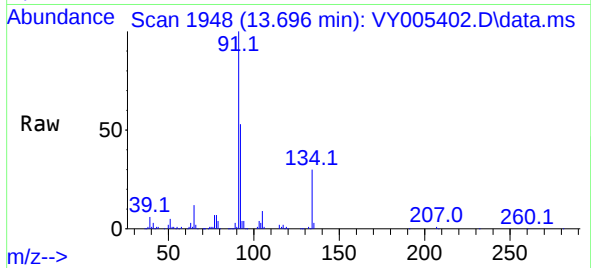


Tgt Ion:146 Resp: 33134
Ion Ratio Lower Upper
146 100
111 43.7 17.9 53.8
148 64.9 32.1 96.5



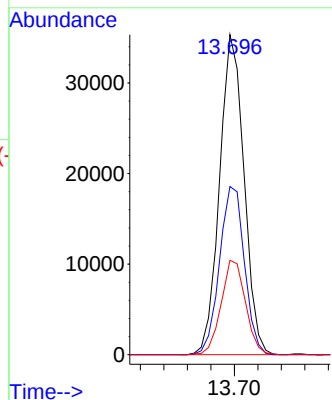


#89
n-Butylbenzene
Concen: 3.796 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY005402.D
Acq: 09 Jul 2021 16:49



Tgt Ion: 91 Resp: 51034

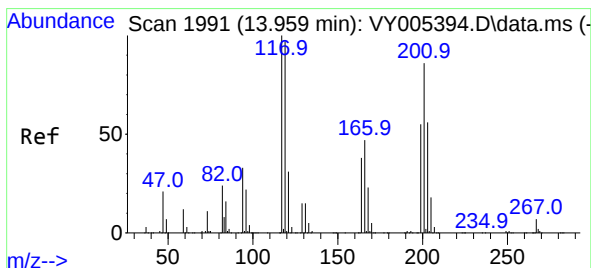
Ion	Ratio	Lower	Upper
91	100		
92	53.6	27.2	81.5
134	29.4	14.5	43.5



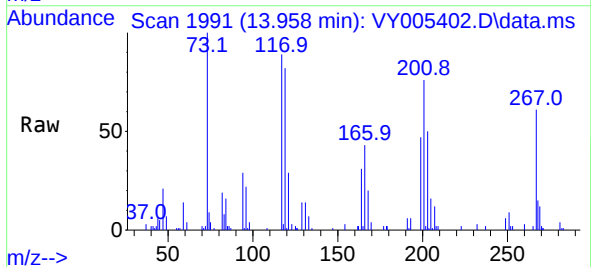
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

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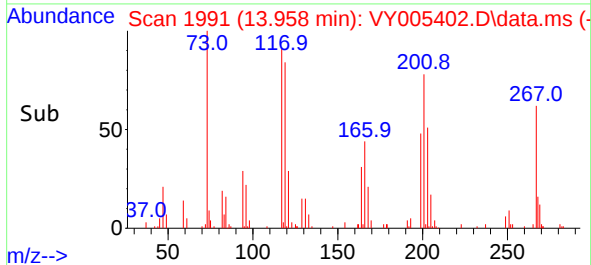
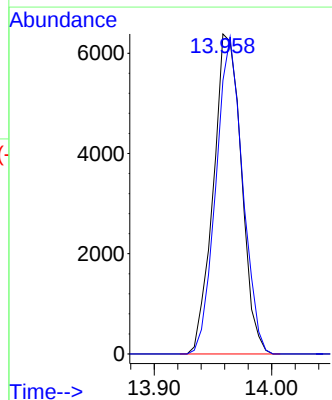


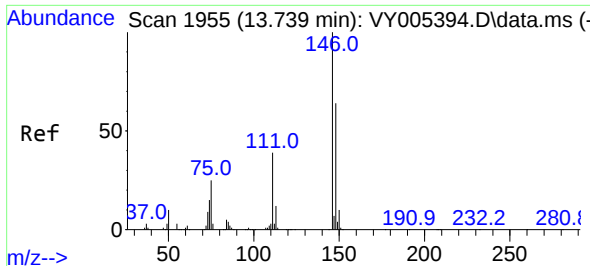
#90
Hexachloroethane
Concen: 3.900 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY005402.D
Acq: 09 Jul 2021 16:49



Tgt Ion: 117 Resp: 10591

Ion	Ratio	Lower	Upper
117	100		
201	94.1	47.6	142.9





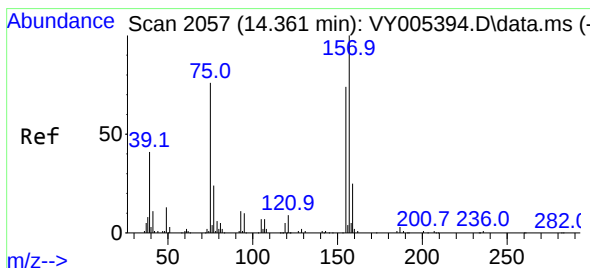
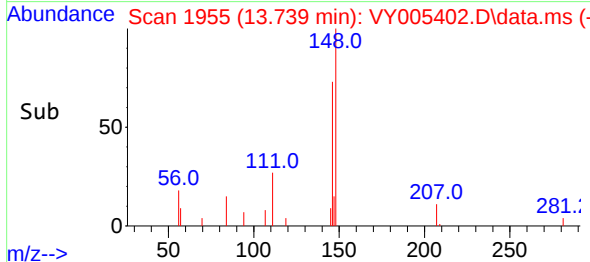
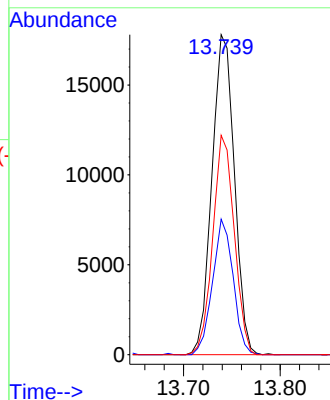
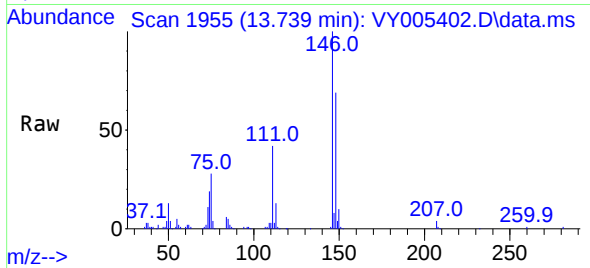
#91
1,2-Dichlorobenzene
Concen: 4.030 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY005402.D
Acq: 09 Jul 2021 16:49

Tgt Ion: 146 Resp: 28727
Ion Ratio Lower Upper
146 100
111 38.8 19.0 57.0
148 65.6 31.9 95.7

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

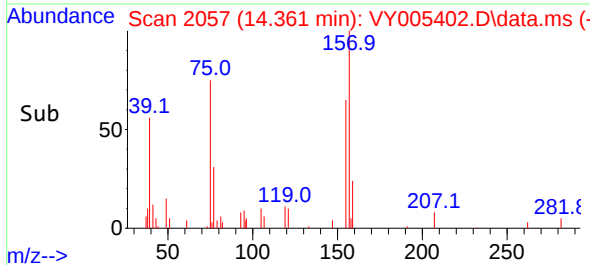
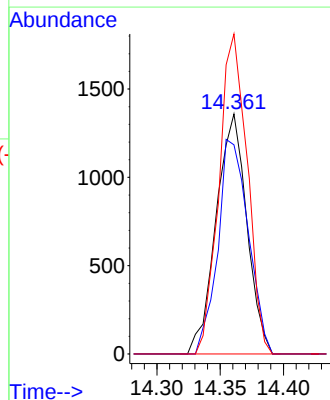
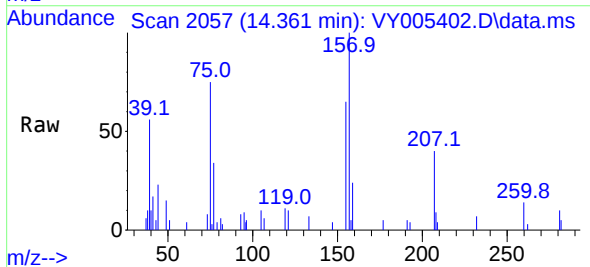
Manual Integrations
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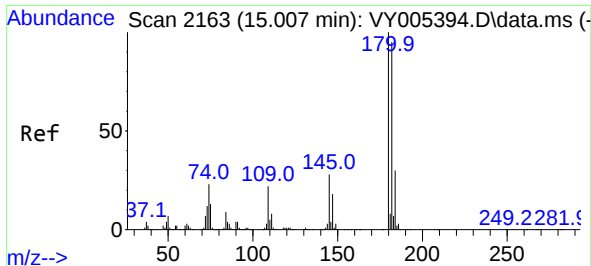
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#92
1,2-Dibromo-3-Chloropropane
Concen: 4.054 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VY005402.D
Acq: 09 Jul 2021 16:49

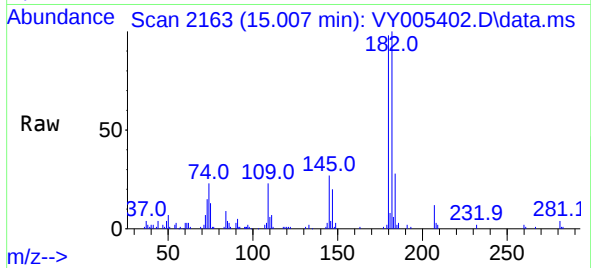
Tgt Ion: 75 Resp: 2294
Ion Ratio Lower Upper
75 100
155 88.7 48.1 144.3
157 122.5 61.8 185.4





#93
1,2,4-Trichlorobenzene
Concen: 3.913 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. -0.000 min
Lab File: VY005402.D
Acq: 09 Jul 2021 16:49

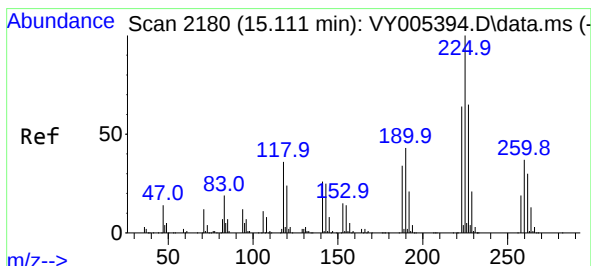
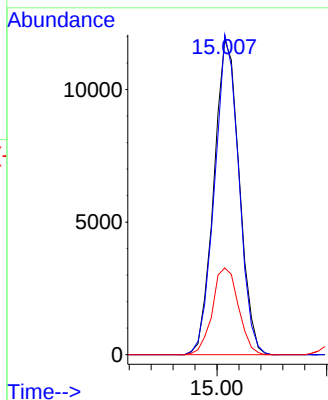
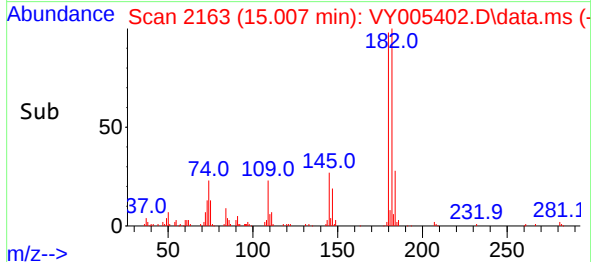
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



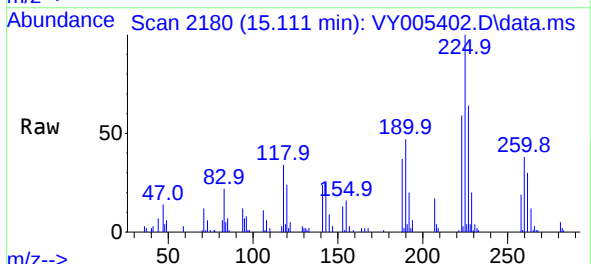
Tgt Ion:180 Resp: 19133
Ion Ratio Lower Upper
180 100
182 96.6 47.9 143.7
145 28.2 13.9 41.7

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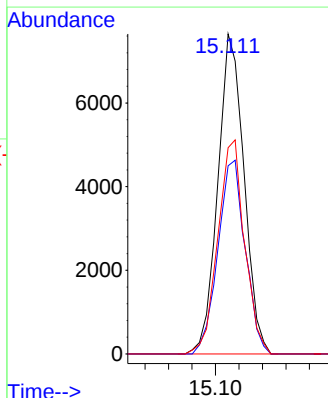
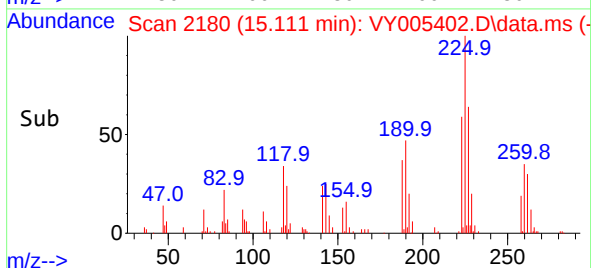
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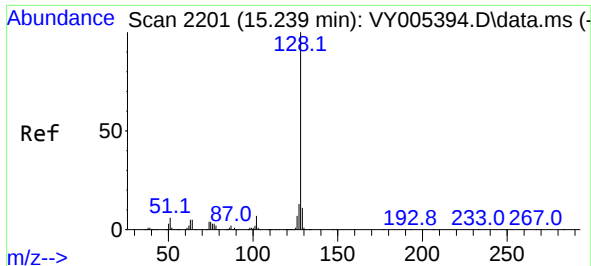


#94
Hexachlorobutadiene
Concen: 3.876 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY005402.D
Acq: 09 Jul 2021 16:49



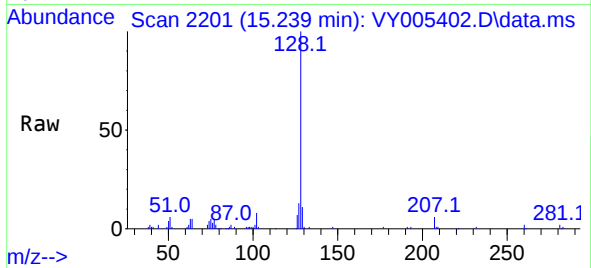
Tgt Ion:225 Resp: 11839
Ion Ratio Lower Upper
225 100
223 63.0 31.4 94.2
227 68.1 32.4 97.2





#95
Naphthalene
Concen: 3.700 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY005402.D
Acq: 09 Jul 2021 16:49

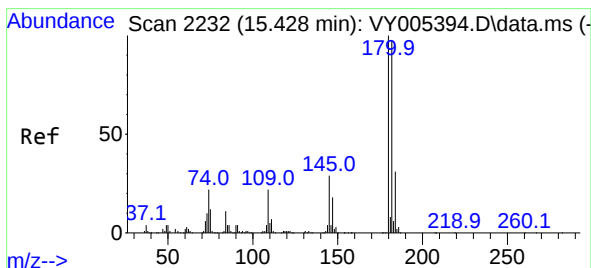
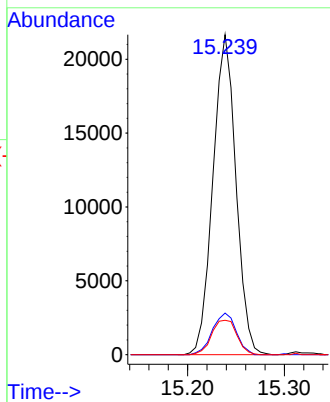
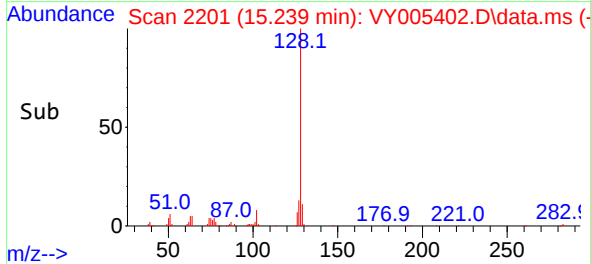
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



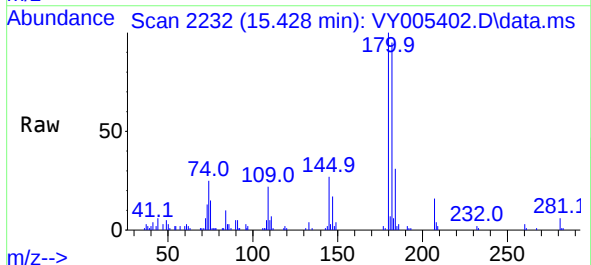
Tgt Ion:128 Resp: 35682
Ion Ratio Lower Upper
128 100
127 13.5 10.4 15.6
129 11.9 8.6 13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 3.950 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY005402.D
Acq: 09 Jul 2021 16:49



Tgt Ion:180 Resp: 17062
Ion Ratio Lower Upper
180 100
182 93.7 47.9 143.7
145 29.9 14.6 44.0

