

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031621\
 Data File : VY004090.D
 Acq On : 16 Mar 2021 12:07
 Operator : SY/MD
 Sample : M1458-01 4PPBLOD
 Misc : 5.00g/5mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2021

Manual Integrations
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 3/17/2021 11:46:22 AM

Quant Time: Mar 17 01:56:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 17 01:54:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	228581	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	359029	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	321729	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	161994	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	103951	46.08	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.16%		
35) Dibromofluoromethane	7.728	113	98357	48.58	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.16%		
50) Toluene-d8	10.185	98	376029	47.37	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	94.74%		
62) 4-Bromofluorobenzene	12.483	95	136553	46.58	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	93.16%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	8122	4.42	ug/l	99
3) Chloromethane	2.119	50	10839	4.39	ug/l	95
4) Vinyl Chloride	2.259	62	12050	4.36	ug/l	99
5) Bromomethane	2.662	94	9105	5.16	ug/l	95
6) Chloroethane	2.808	64	7271	4.32	ug/l	95
7) Trichlorofluoromethane	3.131	101	15341	4.18	ug/l	87
8) Diethyl Ether	3.540	74	4917	4.18	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.912	101	8399	4.09	ug/l	98
10) Methyl Iodide	4.107	142	7819	3.73	ug/l	99
11) Tert butyl alcohol	4.966	59	4490	22.02	ug/l #	83
12) 1,1-Dichloroethene	3.893	96	8376	4.17	ug/l	82
13) Acrolein	3.741	56	3378	16.70	ug/l	89
14) Allyl chloride	4.497	41	12273	3.69	ug/l	91
15) Acrylonitrile	5.192	53	10707	18.31	ug/l	99
16) Acetone	3.960	43	9457	17.37	ug/l #	86
17) Carbon Disulfide	4.210	76	24163	4.09	ug/l	97
18) Methyl Acetate	4.491	43	6264	4.66	ug/l	98
19) Methyl tert-butyl Ether	5.234	73	22887	4.00	ug/l	98
20) Methylene Chloride	4.735	84	12512	4.76	ug/l	91
21) trans-1,2-Dichloroethene	5.241	96	9475	4.20	ug/l	93
22) Diisopropyl ether	6.131	45	25948	3.70	ug/l	92
23) Vinyl Acetate	6.076	43	80507	17.43	ug/l	96
24) 1,1-Dichloroethane	6.033	63	14785	3.80	ug/l	96
25) 2-Butanone	7.009	43	13851	17.65	ug/l	96
26) 2,2-Dichloropropane	6.990	77	14199	3.82	ug/l	98
27) cis-1,2-Dichloroethene	6.996	96	10190	3.96	ug/l	94
28) Bromochloromethane	7.344	49	6414	3.77	ug/l #	82
29) Tetrahydrofuran	7.362	42	8937	17.53	ug/l	88
30) Chloroform	7.521	83	16215	4.02	ug/l	87
31) Cyclohexane	7.795	56	18351	4.64	ug/l #	63
32) 1,1,1-Trichloroethane	7.716	97	14964	4.00	ug/l	99
36) 1,1-Dichloropropene	7.929	75	12904	4.09	ug/l	95
37) Ethyl Acetate	7.088	43	6201	3.65	ug/l #	93
38) Carbon Tetrachloride	7.917	117	13260	3.96	ug/l	96
39) Methylcyclohexane	9.191	83	16425	4.03	ug/l	91
40) Benzene	8.173	78	36301	4.09	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	3758m	3.57	ug/l	
42) 1,2-Dichloroethane	8.246	62	10804	3.98	ug/l	96
43) Isopropyl Acetate	8.283	43	12711	3.73	ug/l	98
44) Trichloroethene	8.947	130	11034	4.29	ug/l	84
45) 1,2-Dichloropropane	9.228	63	8864	4.00	ug/l	99
46) Dibromomethane	9.313	93	5140	4.05	ug/l	96
47) Bromodichloromethane	9.508	83	12459	3.93	ug/l #	92
48) Methyl methacrylate	9.301	41	5416	3.34	ug/l	89
49) 1,4-Dioxane	9.313	88	1277	79.09	ug/l	98
51) 4-Methyl-2-Pentanone	10.075	43	30160	17.47	ug/l	96
52) Toluene	10.252	92	23097	4.01	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	12465	3.73	ug/l	96
54) cis-1,3-Dichloropropene	9.935	75	14365	3.84	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	7472	4.19	ug/l	96
56) Ethyl methacrylate	10.514	69	9524	3.82	ug/l	91
57) 1,3-Dichloropropane	10.794	76	11997	3.93	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.789	63	25489	23.04	ug/l	93
59) 2-Hexanone	10.837	43	20708	17.07	ug/l	98
60) Dibromochloromethane	10.990	129	8844	3.95	ug/l	98
61) 1,2-Dibromoethane	11.093	107	7000	4.03	ug/l	99
64) Tetrachloroethene	10.721	164	13002	4.83	ug/l	95
65) Chlorobenzene	11.520	112	26103	4.23	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.593	131	9170	3.98	ug/l	98
67) Ethyl Benzene	11.593	91	45404	4.01	ug/l	97
68) m/p-Xylenes	11.703	106	34794	8.06	ug/l	94
69) o-Xylene	12.032	106	16327	4.00	ug/l	96
70) Styrene	12.050	104	26981	3.86	ug/l	97
71) Bromoform	12.209	173	5355	3.88	ug/l #	98
73) Isopropylbenzene	12.331	105	45334	4.03	ug/l	98
74) N-amyl acetate	12.148	43	10251	3.18	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.587	83	6902	3.53	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	6091m	3.92	ug/l	
77) Bromobenzene	12.611	156	11137	4.28	ug/l	93
78) n-propylbenzene	12.672	91	52204	3.94	ug/l	97
79) 2-Chlorotoluene	12.757	91	29973	4.03	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	37693	3.95	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	2766	3.51	ug/l	97
82) 4-Chlorotoluene	12.861	91	31852	4.04	ug/l	98
83) tert-Butylbenzene	13.075	119	33792	4.11	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	39439	4.12	ug/l	99
85) sec-Butylbenzene	13.257	105	45218	3.99	ug/l	97
86) p-Isopropyltoluene	13.373	119	42259	4.02	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	20937	4.17	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	21517	4.29	ug/l	91
89) n-Butylbenzene	13.696	91	39099	3.91	ug/l	99
90) Hexachloroethane	13.965	117	7423	3.93	ug/l	82
91) 1,2-Dichlorobenzene	13.739	146	19070	4.28	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	1493	4.04	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	12534	4.15	ug/l	97
94) Hexachlorobutadiene	15.111	225	6842	4.04	ug/l	96
95) Naphthalene	15.239	128	24026	4.02	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	11238	4.43	ug/l	98

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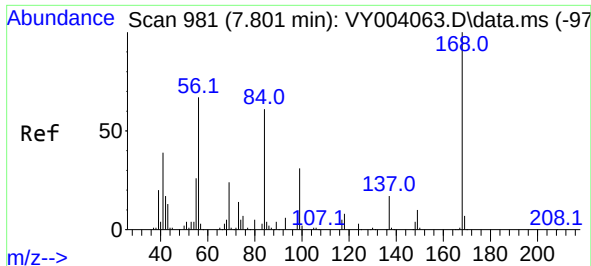
Manual Integrations
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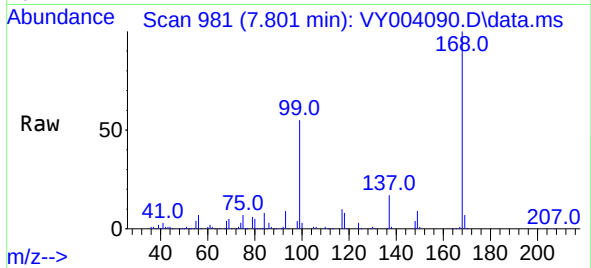
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Response via : Initial Calibration

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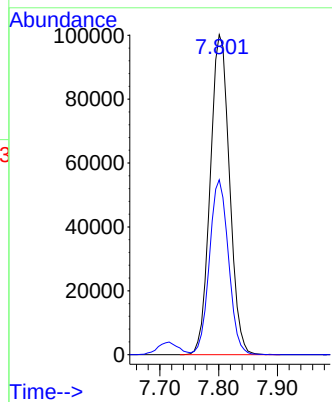
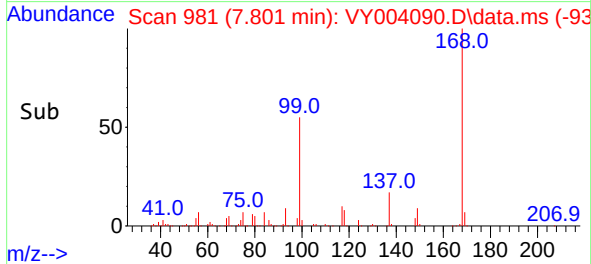
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004090.D
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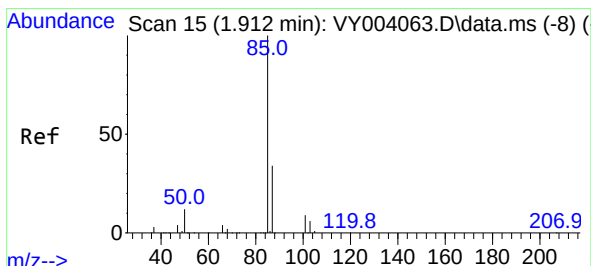
Tgt Ion:168 Resp: 228581
Ion Ratio Lower Upper
168 100
99 54.6 41.2 61.8



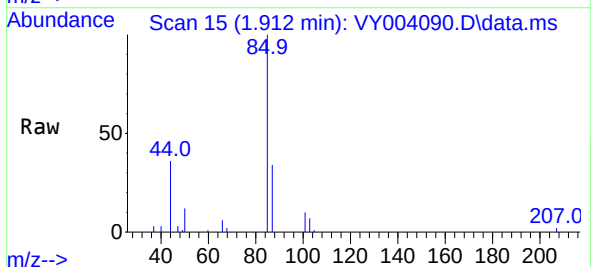
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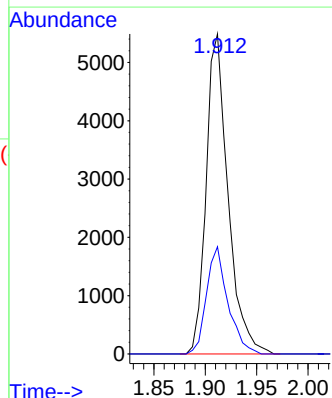
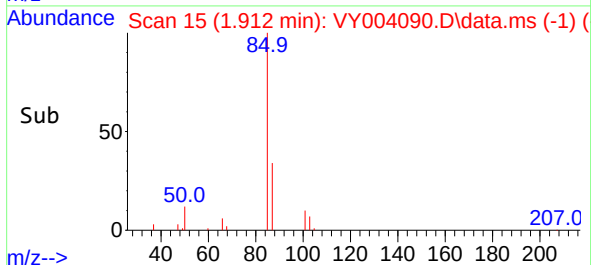
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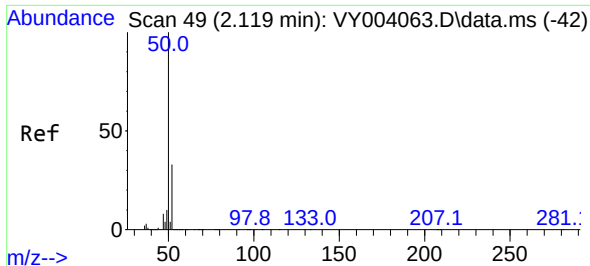


#2
Dichlorodifluoromethane
Concen: 4.42 ug/l
RT: 1.912 min Scan# 15
Delta R.T. -0.000 min
Lab File: VY004090.D
Acq: 16 Mar 2021 12:07



Tgt Ion: 85 Resp: 8122
Ion Ratio Lower Upper
85 100
87 33.5 17.0 51.0





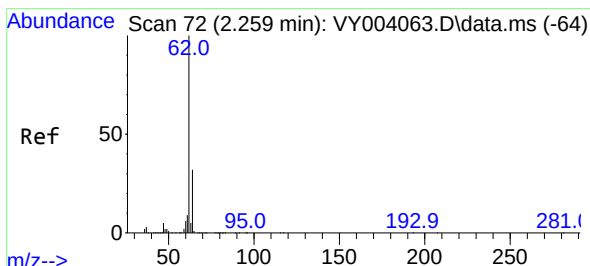
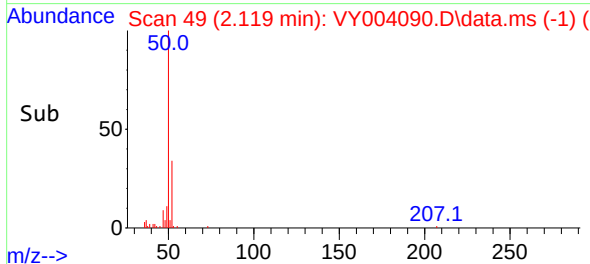
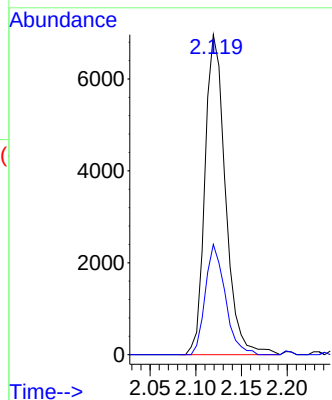
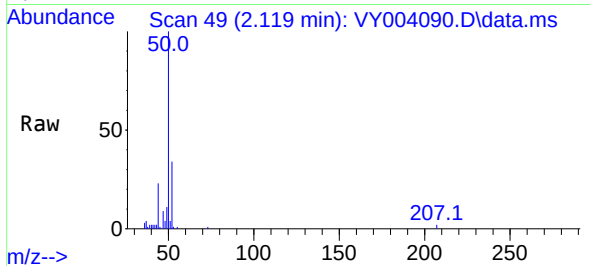
#3
Chloromethane
Concen: 4.39 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY004090.D
Acq: 16 Mar 2021 12:07

Tgt Ion: 50 Resp: 10839
Ion Ratio Lower Upper
50 100
52 34.5 25.4 38.2

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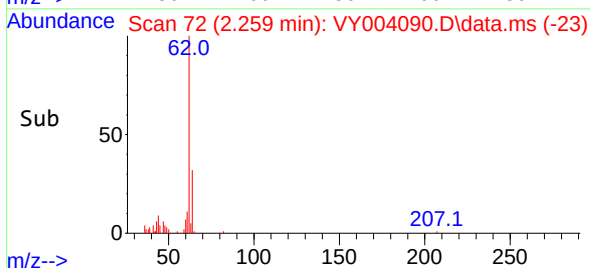
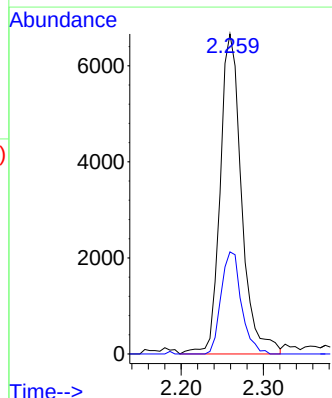
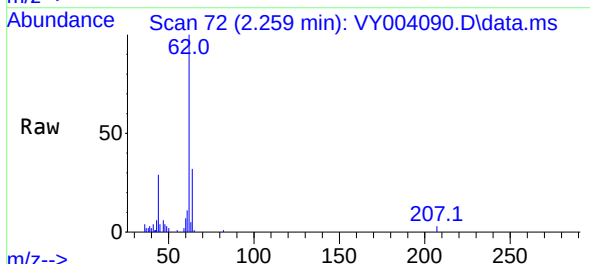
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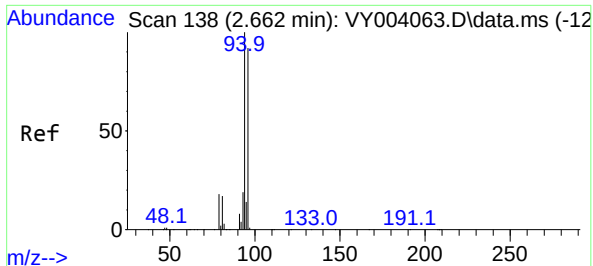
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#4
Vinyl Chloride
Concen: 4.36 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.000 min
Lab File: VY004090.D
Acq: 16 Mar 2021 12:07

Tgt Ion: 62 Resp: 12050
Ion Ratio Lower Upper
62 100
64 31.9 25.3 37.9





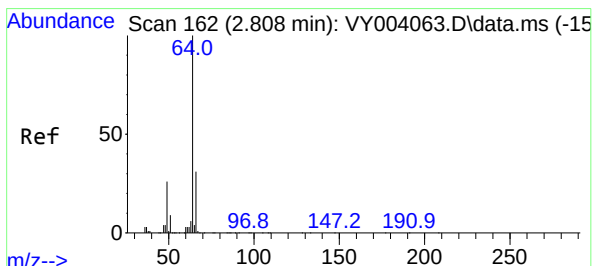
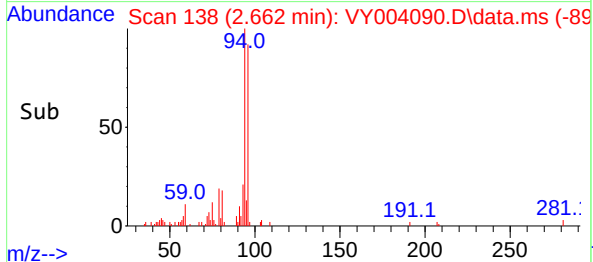
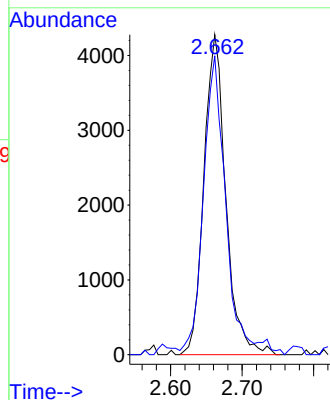
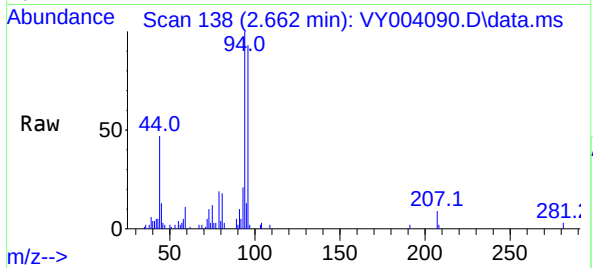
#5
Bromomethane
Concen: 5.16 ug/l
RT: 2.662 min Scan# 138
Delta R.T. -0.000 min
Lab File: VY004090.D
Acq: 16 Mar 2021 12:07

Tgt Ion: 94 Resp: 9105
Ion Ratio Lower Upper
94 100
96 92.1 77.4 116.2

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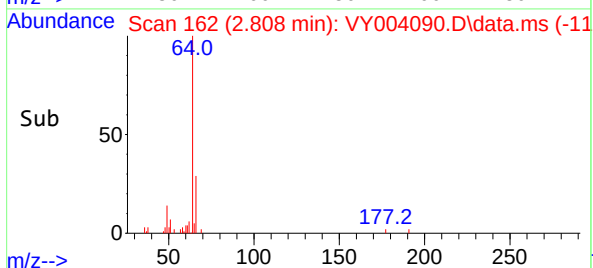
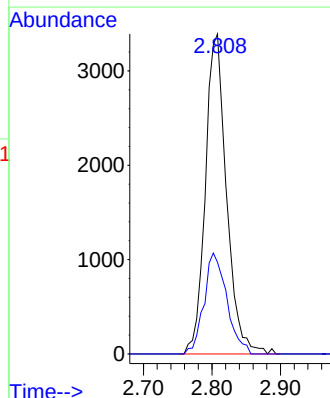
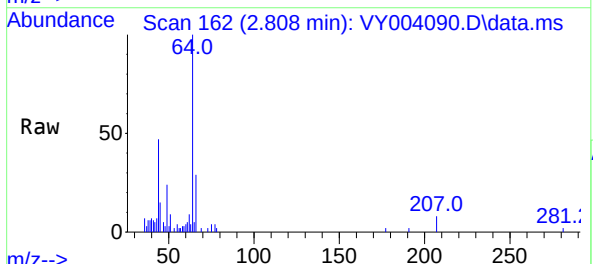
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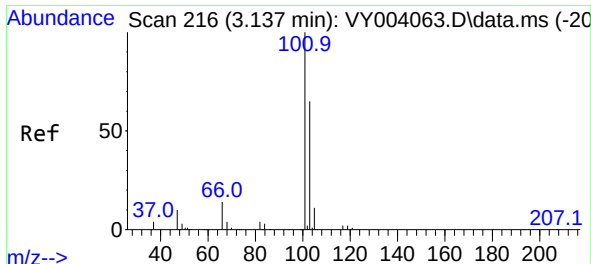
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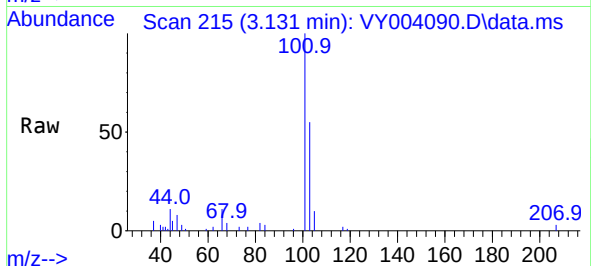
#6
Chloroethane
Concen: 4.32 ug/l
RT: 2.808 min Scan# 162
Delta R.T. 0.000 min
Lab File: VY004090.D
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Tgt Ion: 64 Resp: 7271
Ion Ratio Lower Upper
64 100
66 28.7 25.0 37.6

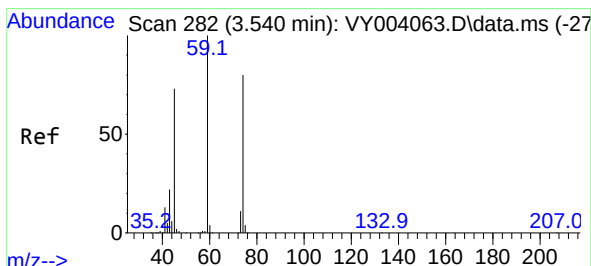
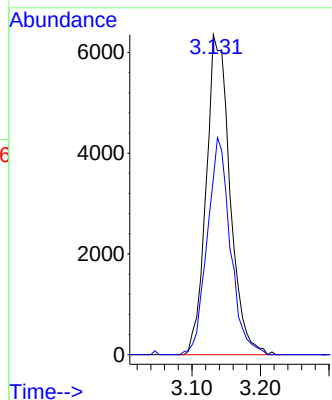
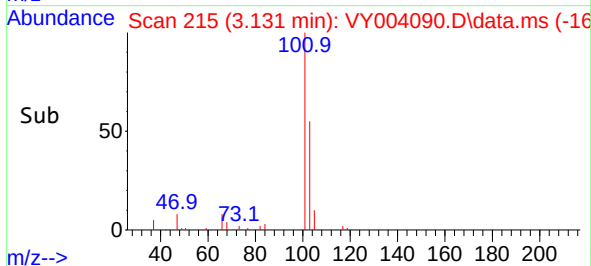




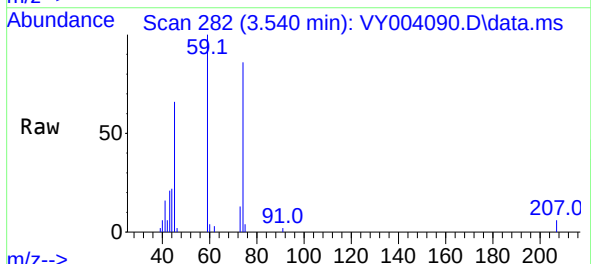
#7
Trichlorofluoromethane
Concen: 4.18 ug/l
RT: 3.131 min Scan# 215
Delta R.T. -0.006 min
Lab File: VY004090.D
Acq: 16 Mar 2021 12:07



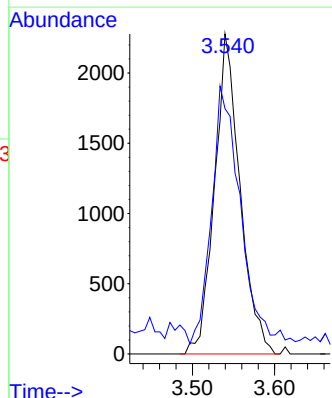
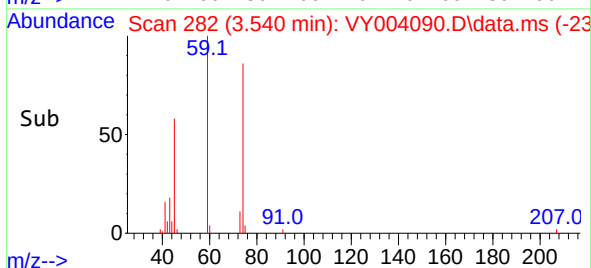
Tgt Ion:101 Resp: 15341
Ion Ratio Lower Upper
101 100
103 54.9 52.2 78.2



#8
Diethyl Ether
Concen: 4.18 ug/l
RT: 3.540 min Scan# 282
Delta R.T. -0.000 min
Lab File: VY004090.D
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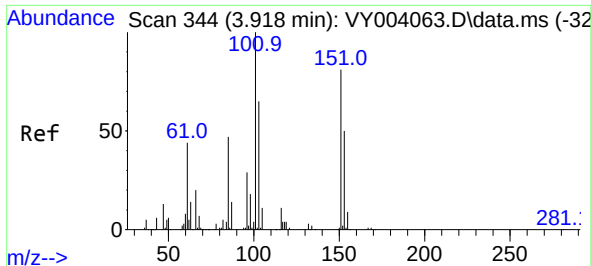
Tgt Ion: 74 Resp: 4917
Ion Ratio Lower Upper
74 100
45 90.5 52.6 157.8



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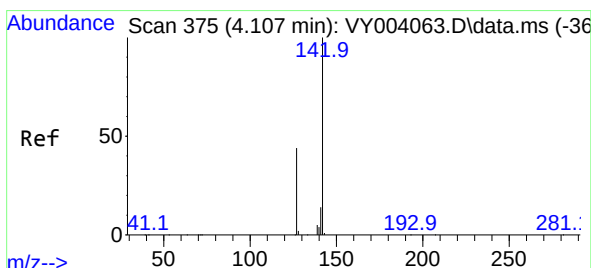
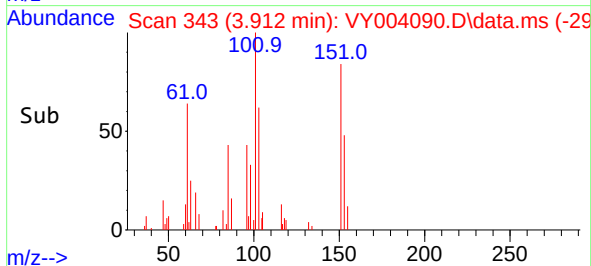
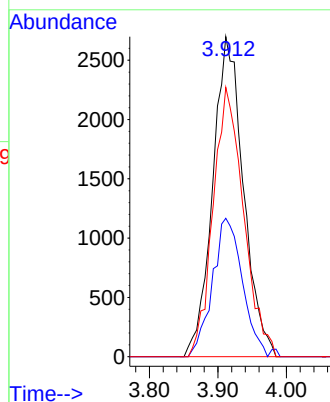
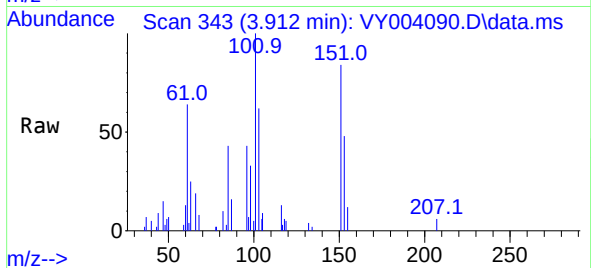
#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.09 ug/l
RT: 3.912 min Scan# 343
Delta R.T. -0.006 min
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Tgt Ion:101 Resp: 8399
Ion Ratio Lower Upper
101 100
85 42.1 36.1 54.1
151 83.4 66.9 100.3

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MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

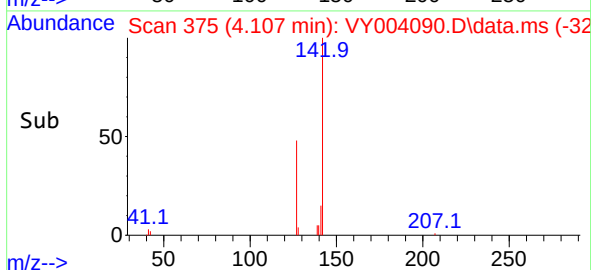
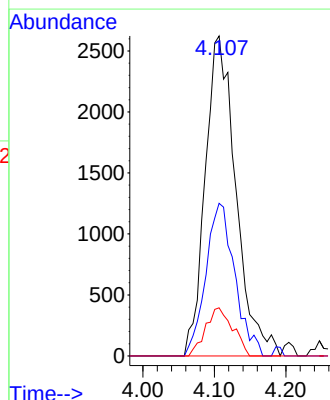
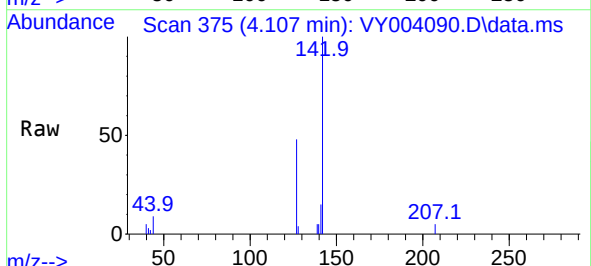
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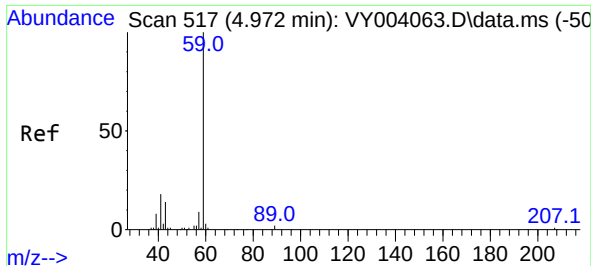
MMDadoda
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#10
Methyl Iodide
Concen: 3.73 ug/l
RT: 4.107 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY004090.D
Acq: 16 Mar 2021 12:07

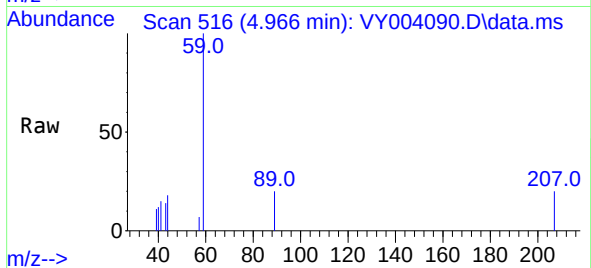
Tgt Ion:142 Resp: 7819
Ion Ratio Lower Upper
142 100
127 44.9 35.4 53.0
141 13.3 11.5 17.3



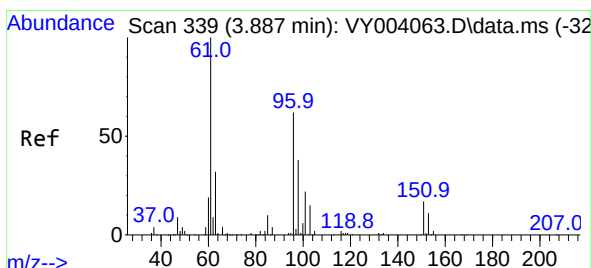
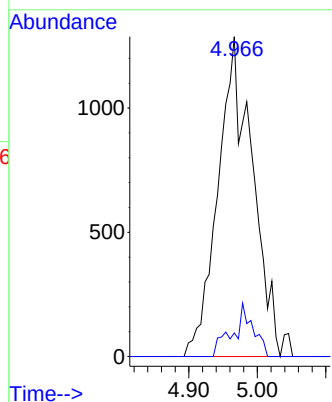
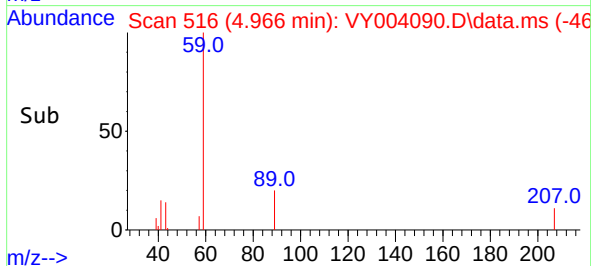


#11
Tert butyl alcohol
Concen: 22.02 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.006 min
Lab File: VY004090.D
Acq: 16 Mar 2021 12:07

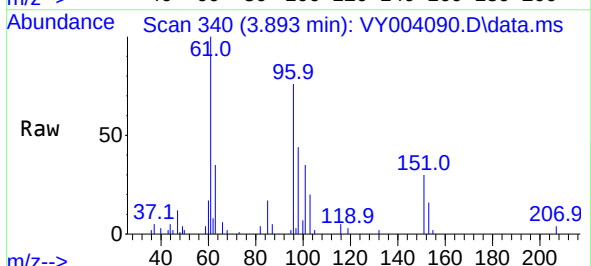
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



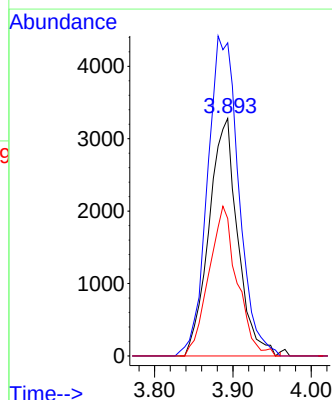
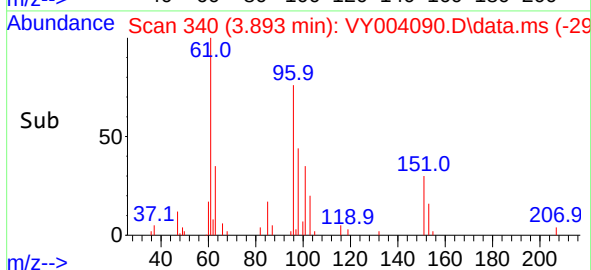
Tgt Ion: 59 Resp: 4490
Ion Ratio Lower Upper
59 100
57 2.7 6.9 10.3#

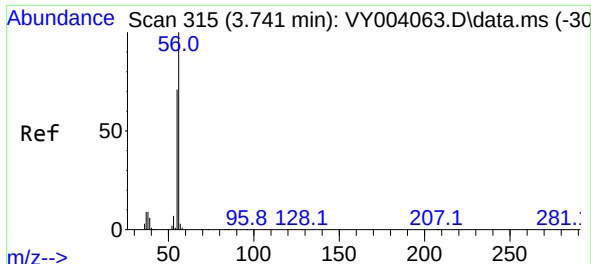


#12
1,1-Dichloroethene
Concen: 4.17 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY004090.D
Acq: 16 Mar 2021 12:07

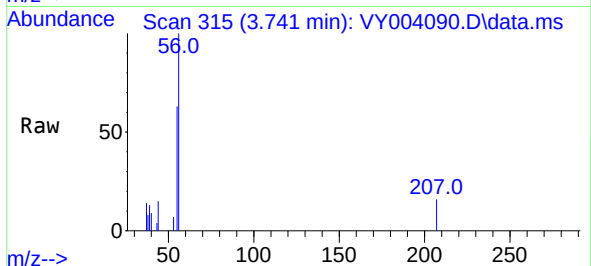


Tgt Ion: 96 Resp: 8376
Ion Ratio Lower Upper
96 100
61 131.7 130.7 196.1
98 57.8 48.9 73.3

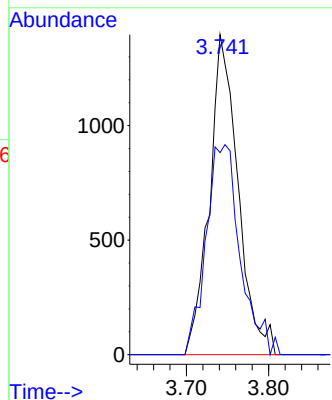
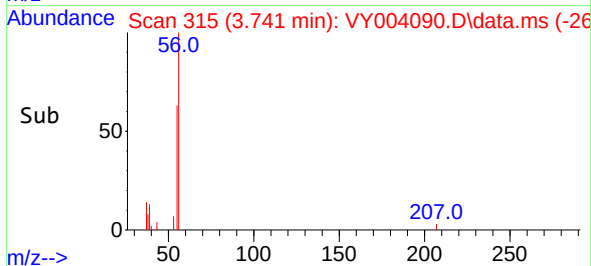




#13
Acrolein
Concen: 16.70 ug/l
RT: 3.741 min Scan# 315
Delta R.T. -0.000 min
Lab File: VY004090.D
Acq: 16 Mar 2021 12:07



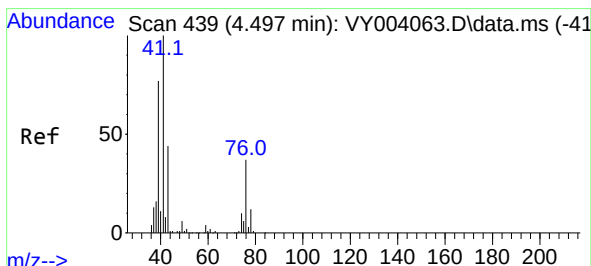
Tgt Ion: 56 Resp: 3378
Ion Ratio Lower Upper
56 100
55 78.1 55.4 83.0



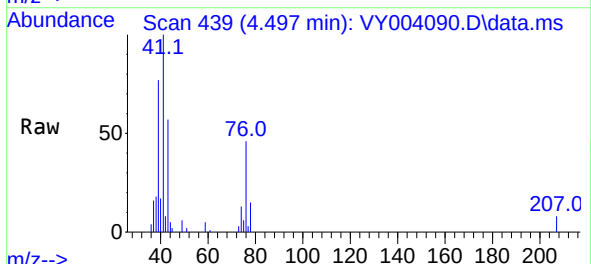
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

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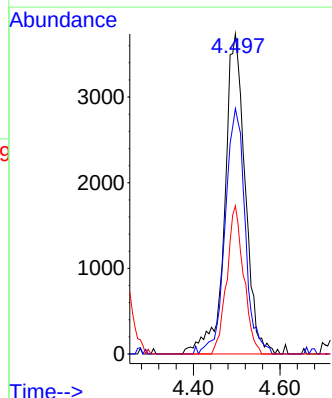
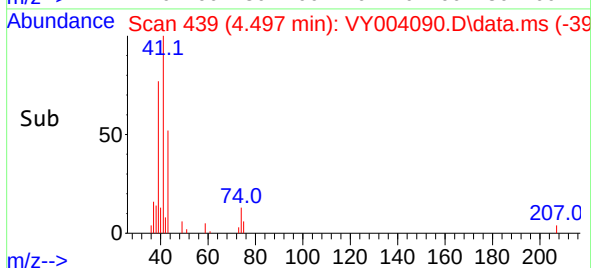
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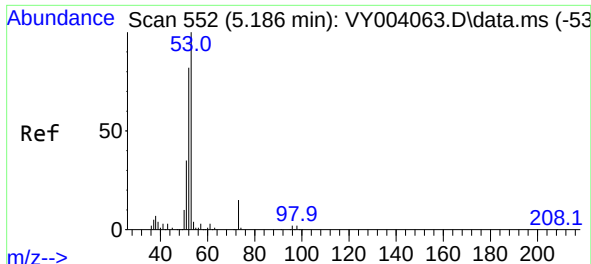


#14
Allyl chloride
Concen: 3.69 ug/l
RT: 4.497 min Scan# 439
Delta R.T. -0.000 min
Lab File: VY004090.D
Acq: 16 Mar 2021 12:07



Tgt Ion: 41 Resp: 12273
Ion Ratio Lower Upper
41 100
39 74.8 54.0 81.0
76 38.2 26.1 39.1





#15

Acrylonitrile

Concen: 18.31 ug/l

RT: 5.192 min Scan# 553

Delta R.T. 0.006 min

Lab File: VY004090.D

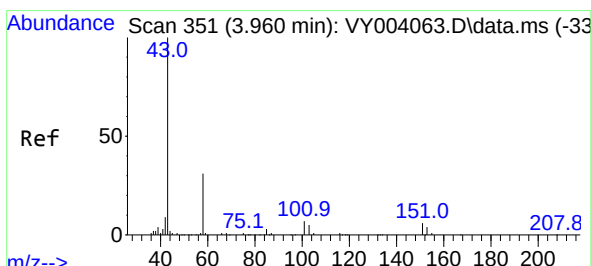
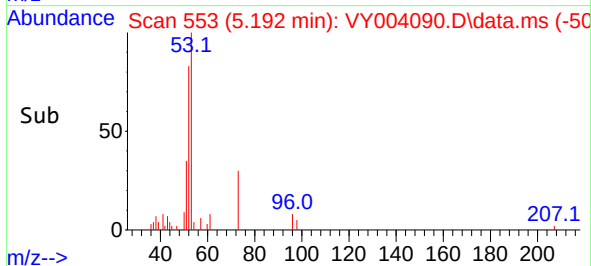
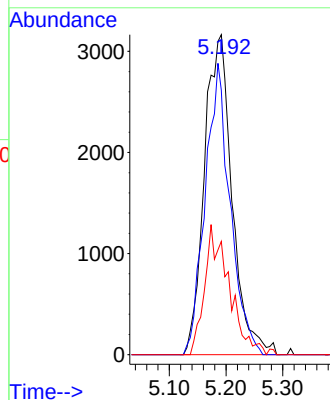
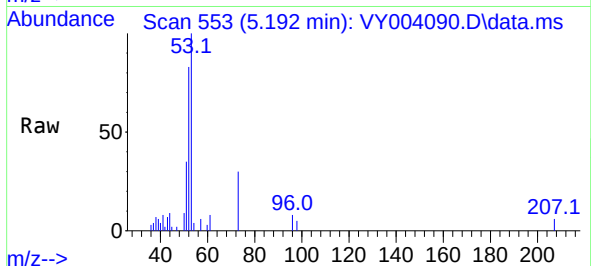
Acq: 16 Mar 2021 12:07

Tgt Ion:	53	Resp:	10707
Ion	Ratio	Lower	Upper
53	100		
52	82.3	66.2	99.4
51	36.0	29.5	44.3

Instrument :
MSVOA_Y
ClientSampleId :
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#16

Acetone

Concen: 17.37 ug/l

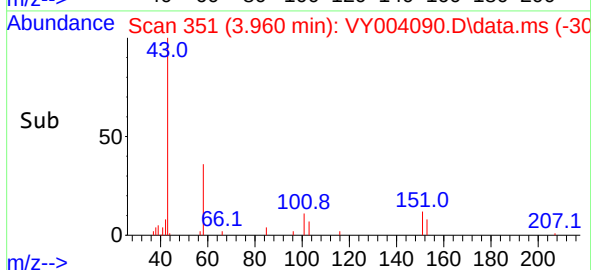
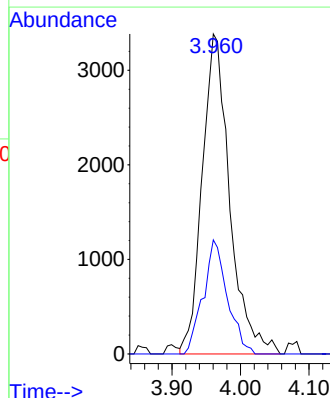
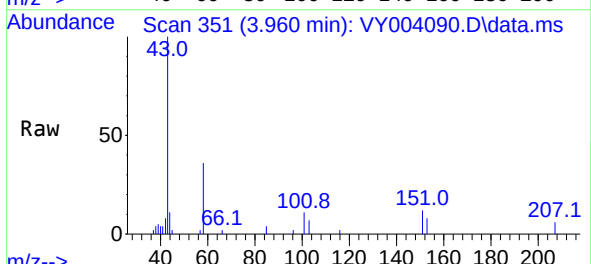
RT: 3.960 min Scan# 351

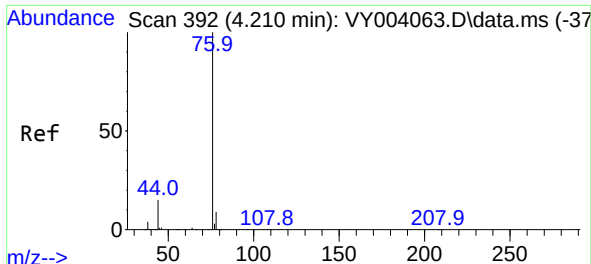
Delta R.T. 0.000 min

Lab File: VY004090.D

Acq: 16 Mar 2021 12:07

Tgt Ion:	43	Resp:	9457
Ion	Ratio	Lower	Upper
43	100		
58	35.7	22.6	34.0#





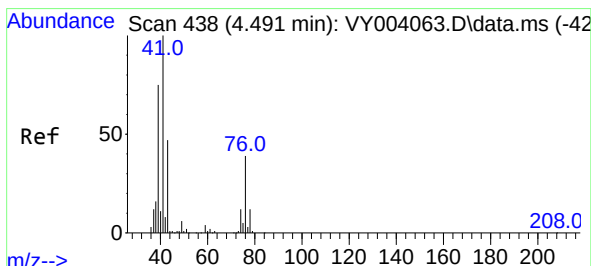
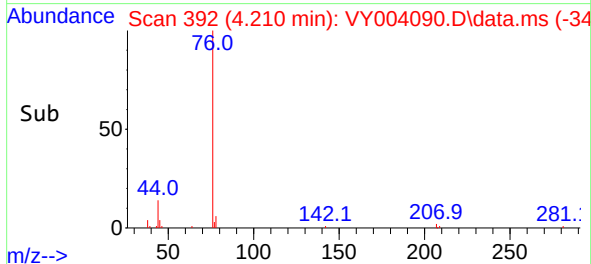
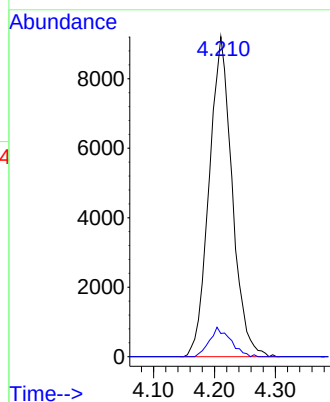
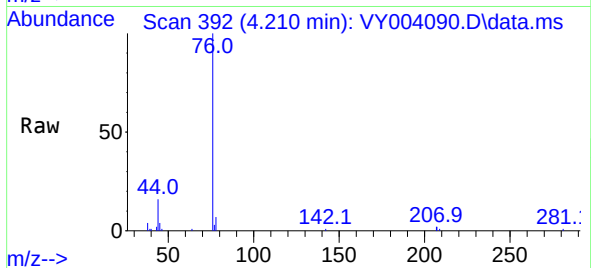
#17
Carbon Disulfide
Concen: 4.09 ug/l
RT: 4.210 min Scan# 392
Delta R.T. 0.000 min
Lab File: VY004090.D
Acq: 16 Mar 2021 12:07

Tgt Ion: 76 Resp: 24163
Ion Ratio Lower Upper
76 100
78 7.3 6.8 10.2

Instrument :
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ClientSampleId :
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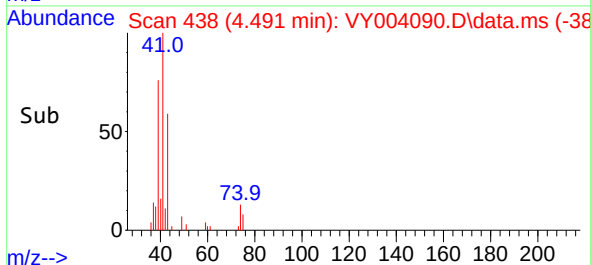
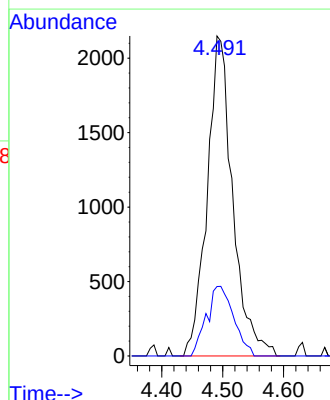
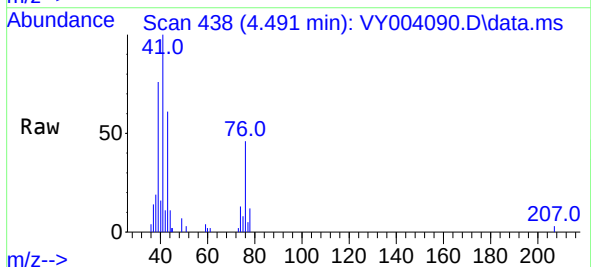
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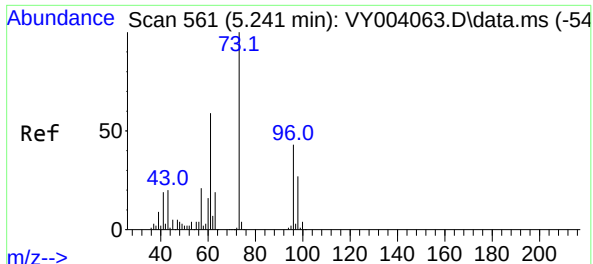
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#18
Methyl Acetate
Concen: 4.66 ug/l
RT: 4.491 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY004090.D
Acq: 16 Mar 2021 12:07

Tgt Ion: 43 Resp: 6264
Ion Ratio Lower Upper
43 100
74 23.1 17.6 26.4





#19

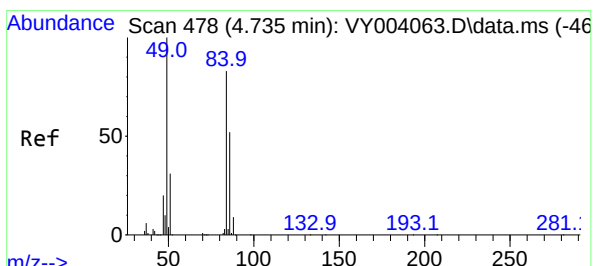
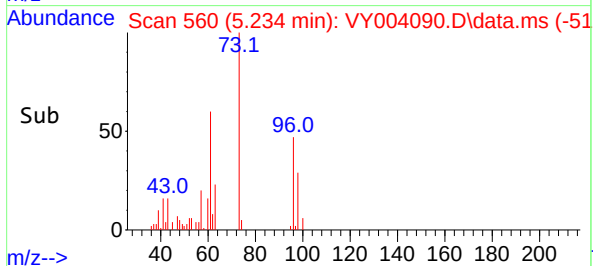
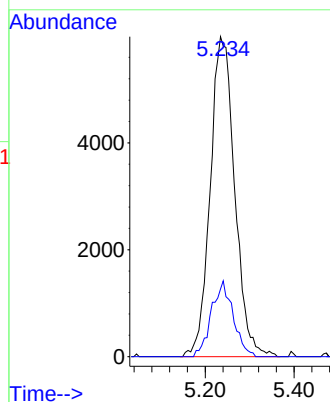
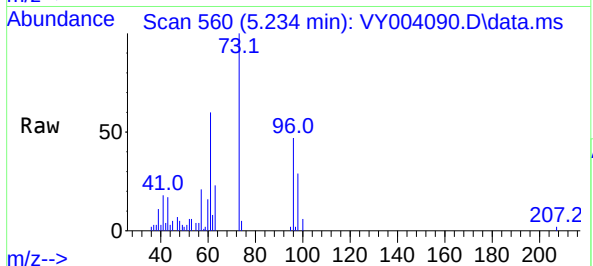
Methyl tert-butyl Ether
Concen: 4.00 ug/l
RT: 5.234 min Scan# 560
Delta R.T. -0.007 min
Lab File: VY004090.D
Acq: 16 Mar 2021 12:07

Tgt Ion: 73 Resp: 22887
Ion Ratio Lower Upper
73 100
57 21.2 17.5 26.3

Instrument :
MSVOA_Y
ClientSampleId :
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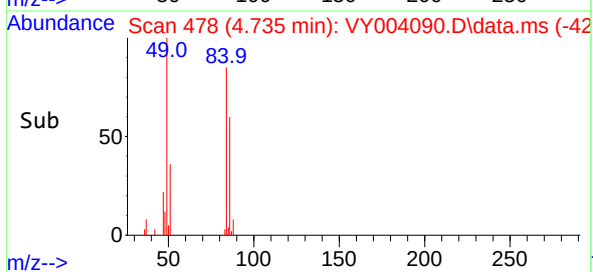
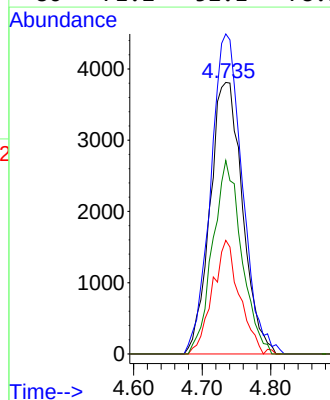
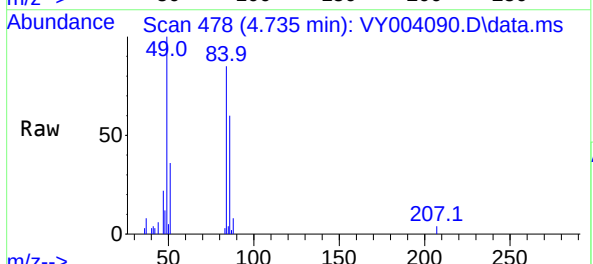
MMDadoda
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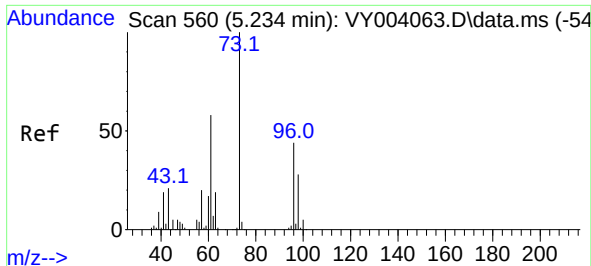


#20

Methylene Chloride
Concen: 4.76 ug/l
RT: 4.735 min Scan# 478
Delta R.T. -0.000 min
Lab File: VY004090.D
Acq: 16 Mar 2021 12:07

Tgt Ion: 84 Resp: 12512
Ion Ratio Lower Upper
84 100
49 117.9 105.8 158.6
51 41.9 32.6 48.8
86 71.2 52.1 78.1





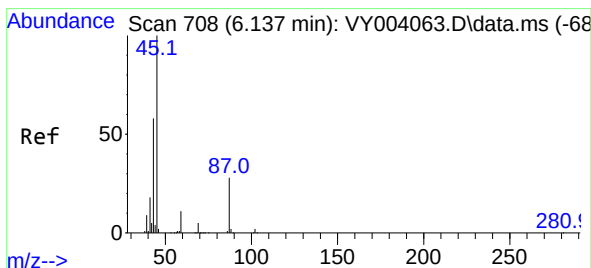
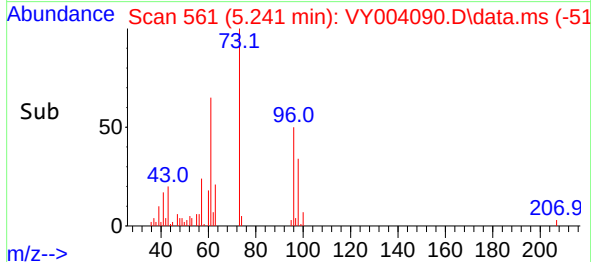
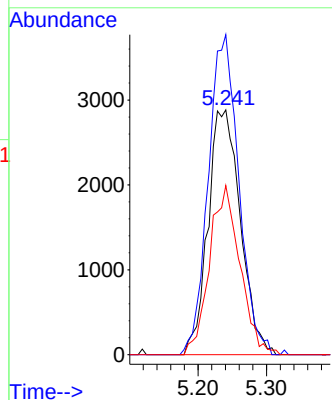
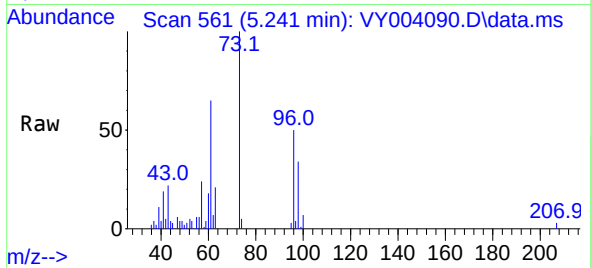
#21
trans-1,2-Dichloroethene
Concen: 4.20 ug/l
RT: 5.241 min Scan# 561
Delta R.T. 0.007 min
Lab File: VY004090.D
Acq: 16 Mar 2021 12:07

Tgt Ion: 96 Resp: 9475
Ion Ratio Lower Upper
96 100
61 130.7 110.8 166.2
98 69.1 51.0 76.6

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

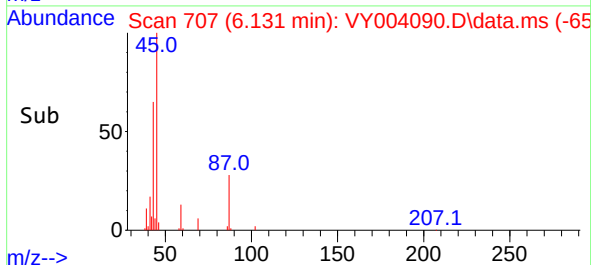
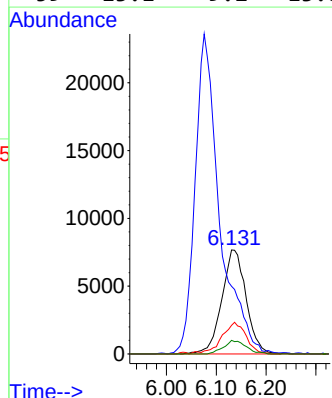
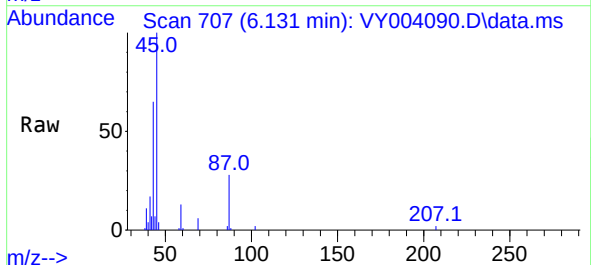
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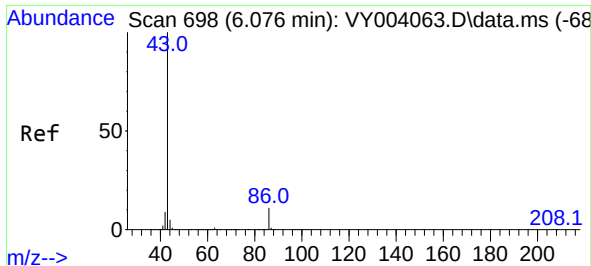
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#22
Diisopropyl ether
Concen: 3.70 ug/l
RT: 6.131 min Scan# 707
Delta R.T. -0.006 min
Lab File: VY004090.D
Acq: 16 Mar 2021 12:07

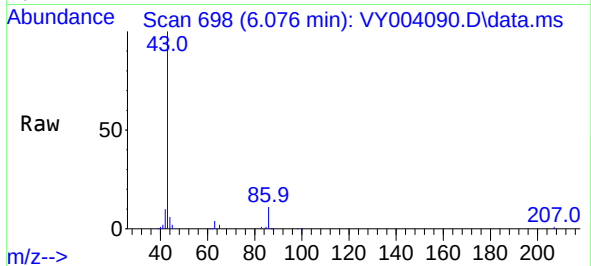
Tgt Ion: 45 Resp: 25948
Ion Ratio Lower Upper
45 100
43 64.0 45.1 67.7
87 27.6 21.0 31.4
59 13.1 9.2 13.8





#23
 Vinyl Acetate
 Concen: 17.43 ug/l
 RT: 6.076 min Scan# 698
 Delta R.T. -0.000 min
 Lab File: VY004090.D
 Acq: 16 Mar 2021 12:07

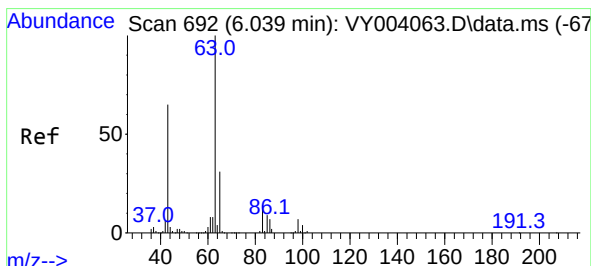
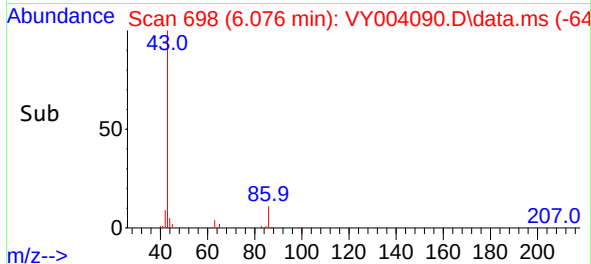
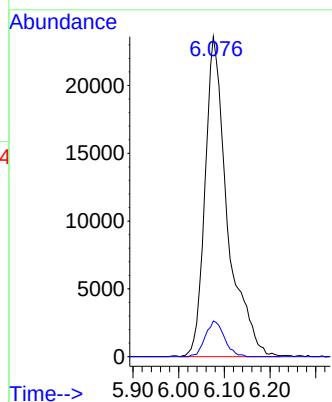
Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2021



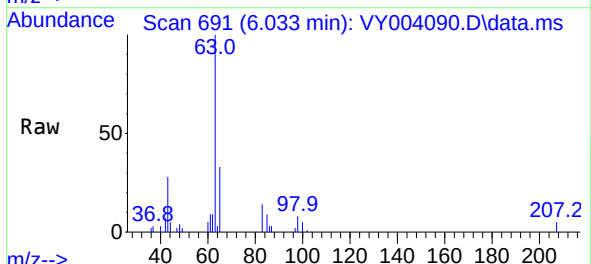
Tgt Ion: 43 Resp: 80507
 Ion Ratio Lower Upper
 43 100
 86 11.1 7.8 11.6

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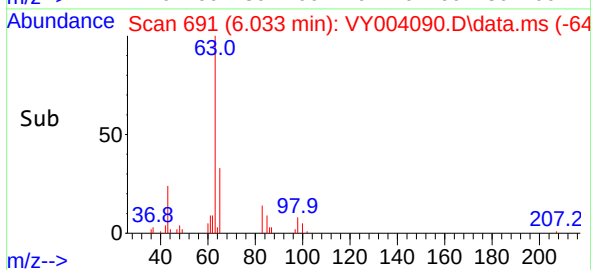
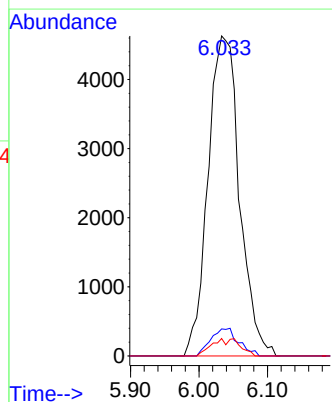
MMDadoda
 3/17/2021 11:46:22 AM

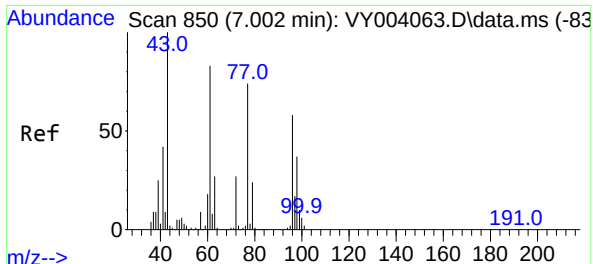


#24
 1,1-Dichloroethane
 Concen: 3.80 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. -0.006 min
 Lab File: VY004090.D
 Acq: 16 Mar 2021 12:07



Tgt Ion: 63 Resp: 14785
 Ion Ratio Lower Upper
 63 100
 98 8.4 3.5 10.4
 100 5.4 2.3 6.9





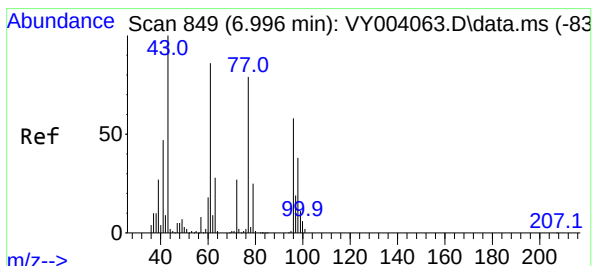
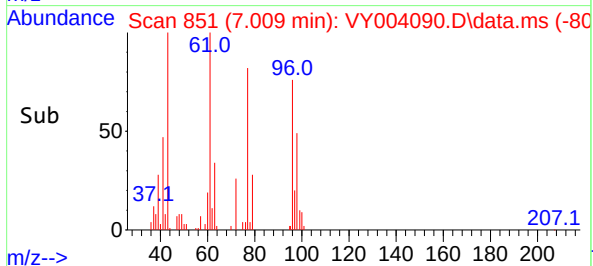
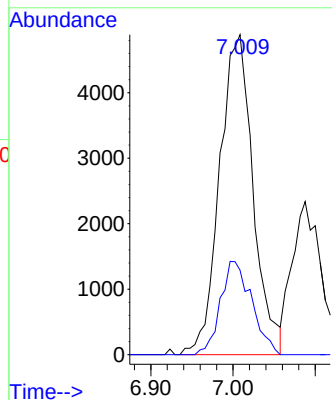
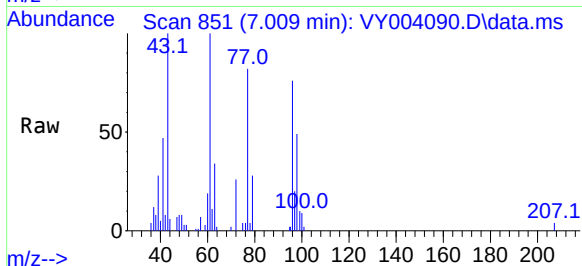
#25
2-Butanone
Concen: 17.65 ug/l
RT: 7.009 min Scan# 851
Delta R.T. 0.007 min
Lab File: VY004090.D
Acq: 16 Mar 2021 12:07

Tgt Ion: 43 Resp: 13851
Ion Ratio Lower Upper
43 100
72 26.4 19.4 29.0

Instrument :
MSVOA_Y
ClientSampleId :
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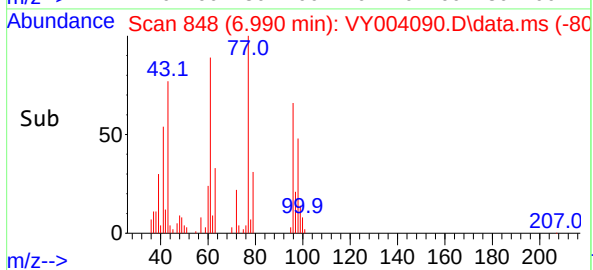
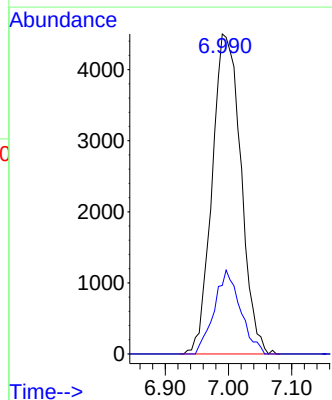
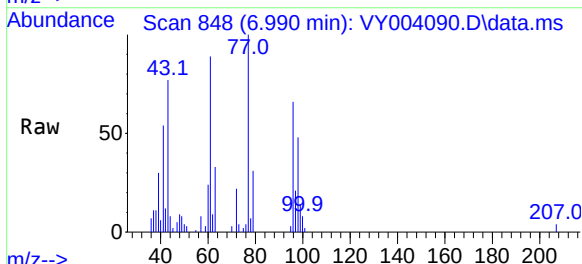
Manual Integrations
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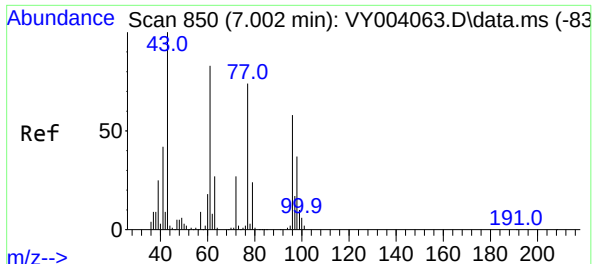
MMDadoda
3/17/2021 11:46:22 AM



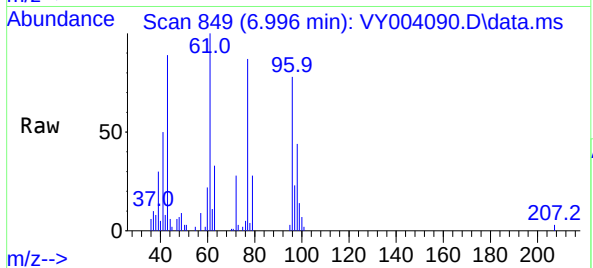
#26
2,2-Dichloropropane
Concen: 3.82 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.006 min
Lab File: VY004090.D
Acq: 16 Mar 2021 12:07

Tgt Ion: 77 Resp: 14199
Ion Ratio Lower Upper
77 100
97 23.9 11.4 34.1

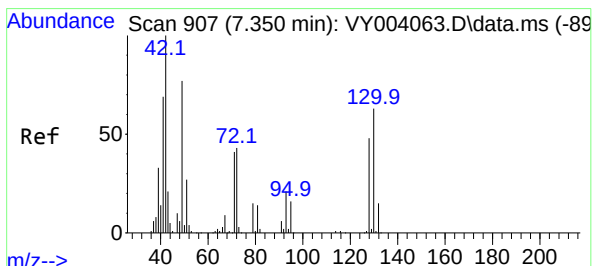
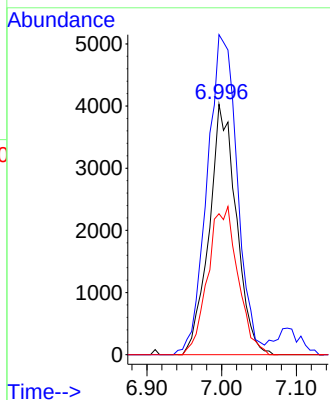
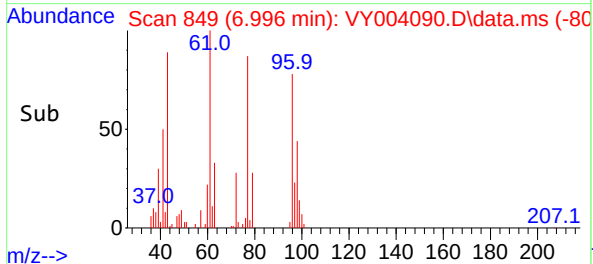




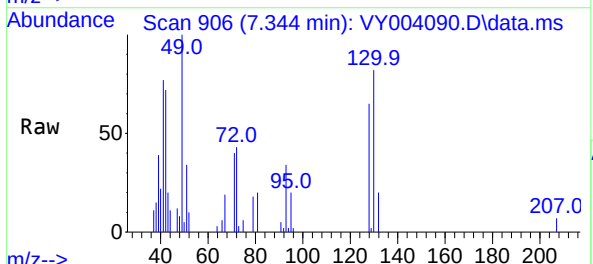
#27
cis-1,2-Dichloroethene
Concen: 3.96 ug/l
RT: 6.996 min Scan# 849
Delta R.T. -0.006 min
Lab File: VY004090.D
Acq: 16 Mar 2021 12:07



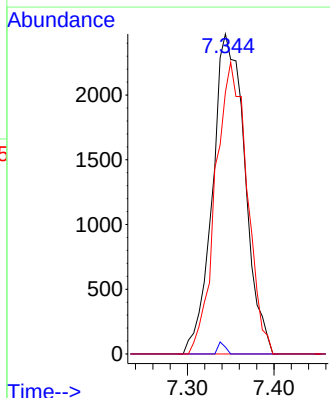
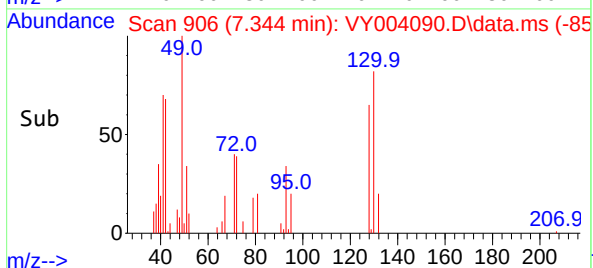
Tgt Ion:	96	Resp:	10190
Ion	Ratio	Lower	Upper
96	100		
61	141.6	0.0	303.6
98	65.4	0.0	130.6



#28
Bromochloromethane
Concen: 3.77 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.006 min
Lab File: VY004090.D
Acq: 16 Mar 2021 12:07



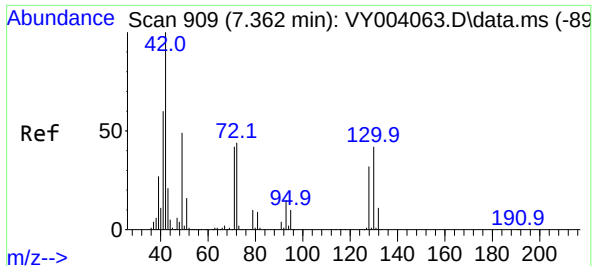
Tgt Ion:	49	Resp:	6414
Ion	Ratio	Lower	Upper
49	100		
129	0.8	0.0	4.4
130	88.9	59.0	88.4#



Instrument :
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ClientSampleId :
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#29

Tetrahydrofuran

Concen: 17.53 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY004090.D

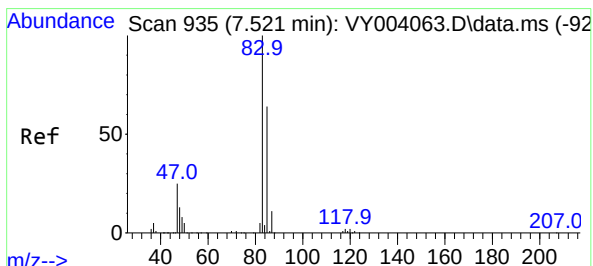
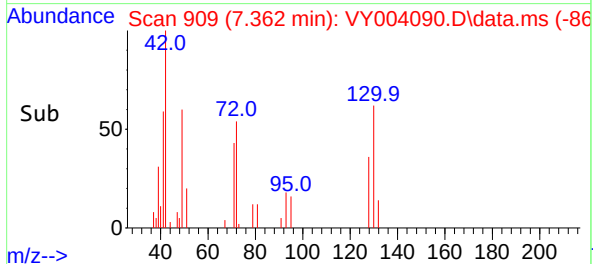
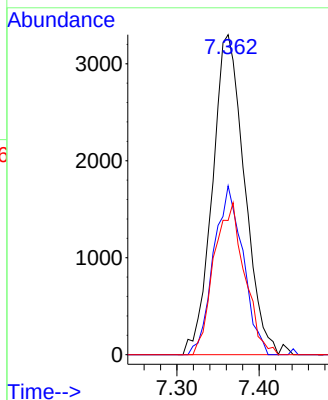
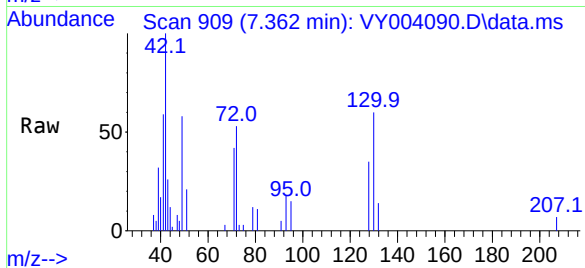
Acq: 16 Mar 2021 12:07

Tgt Ion:	42	Resp:	8937
Ion	Ratio	Lower	Upper
42	100		
72	48.4	32.6	48.8
71	45.6	31.0	46.6

Instrument :
MSVOA_Y
ClientSampleId :
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#30

Chloroform

Concen: 4.02 ug/l

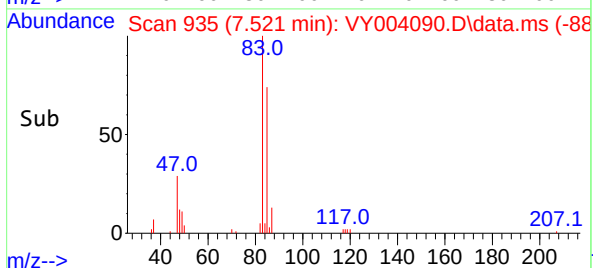
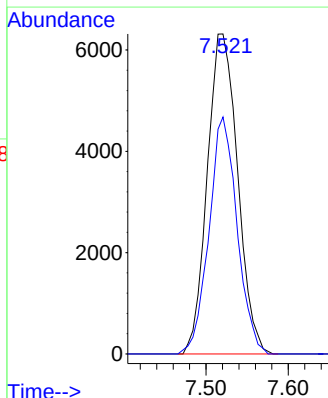
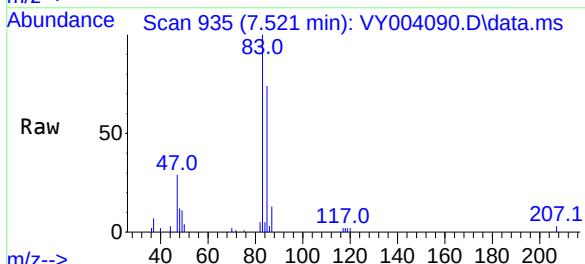
RT: 7.521 min Scan# 935

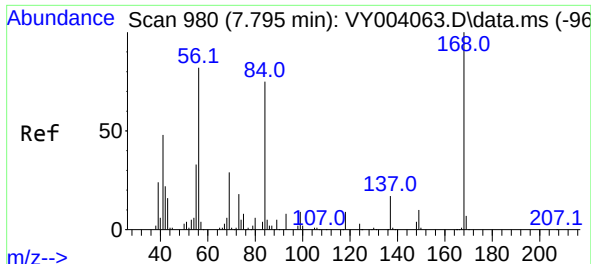
Delta R.T. -0.000 min

Lab File: VY004090.D

Acq: 16 Mar 2021 12:07

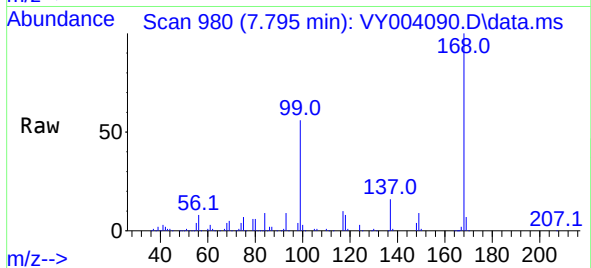
Tgt Ion:	83	Resp:	16215
Ion	Ratio	Lower	Upper
83	100		
85	74.1	51.0	76.6





#31
Cyclohexane
Concen: 4.64 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY004090.D
Acq: 16 Mar 2021 12:07

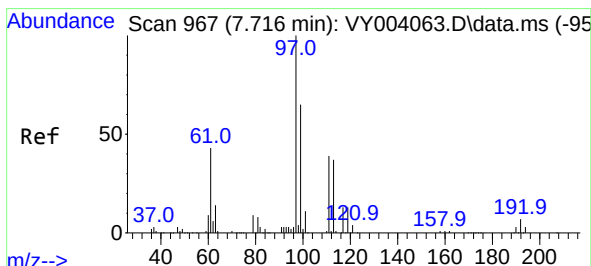
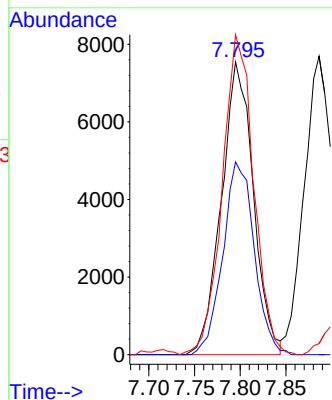
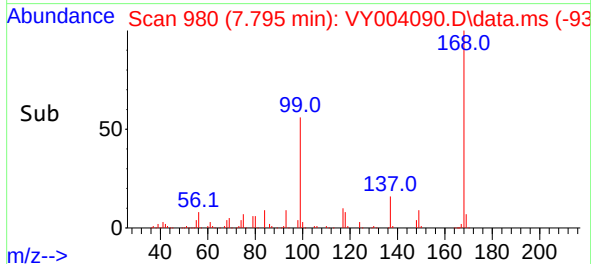
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



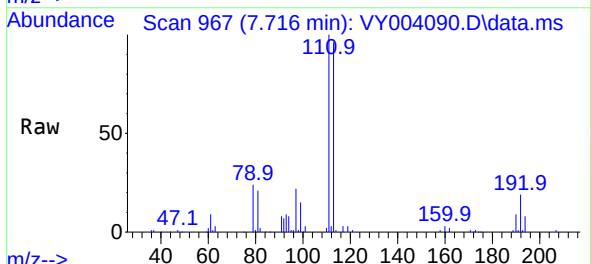
Tgt Ion: 56 Resp: 18351
Ion Ratio Lower Upper
56 100
69 65.9 25.3 37.9#
84 109.3 67.3 100.9#

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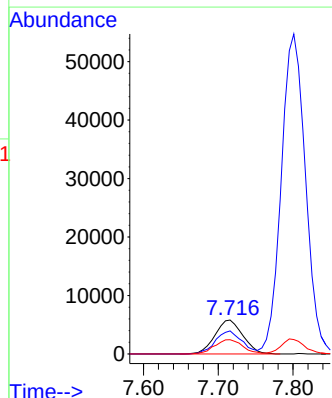
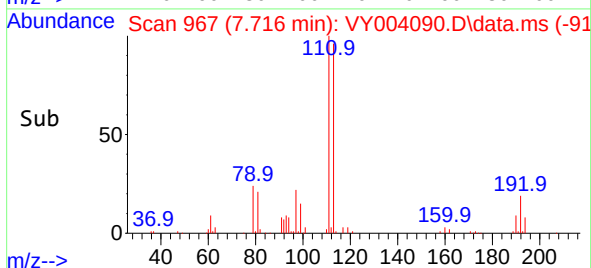
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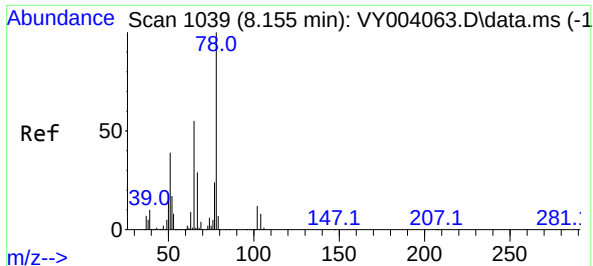


#32
1,1,1-Trichloroethane
Concen: 4.00 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY004090.D
Acq: 16 Mar 2021 12:07



Tgt Ion: 97 Resp: 14964
Ion Ratio Lower Upper
97 100
99 65.6 51.8 77.6
61 42.4 34.5 51.7





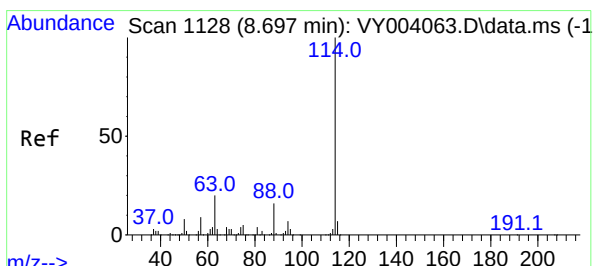
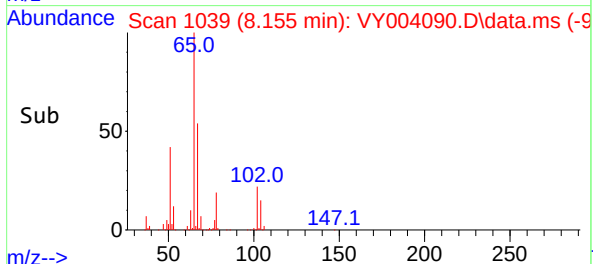
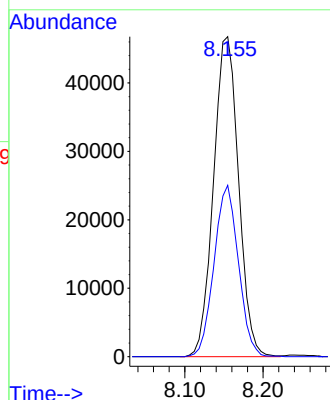
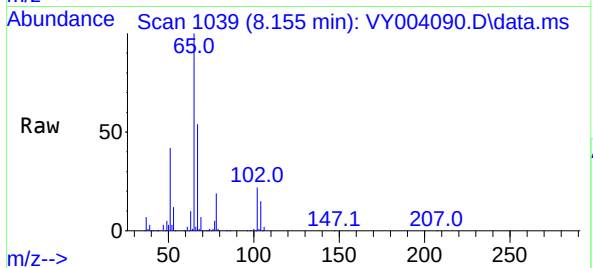
#33
1,2-Dichloroethane-d4
Concen: 46.08 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY004090.D
Acq: 16 Mar 2021 12:07

Tgt Ion: 65 Resp: 103951
Ion Ratio Lower Upper
65 100
67 52.0 0.0 101.4

Instrument :
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ClientSampleId :
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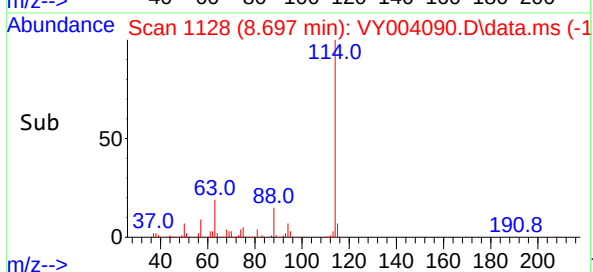
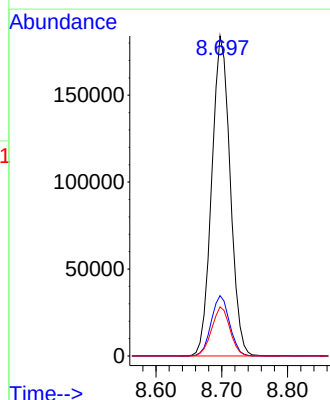
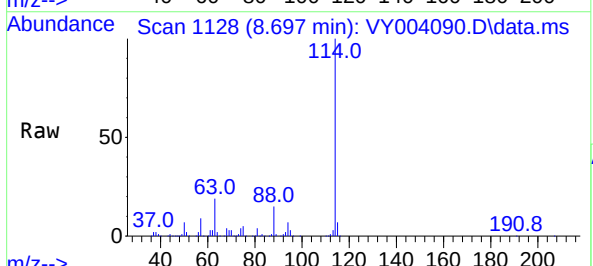
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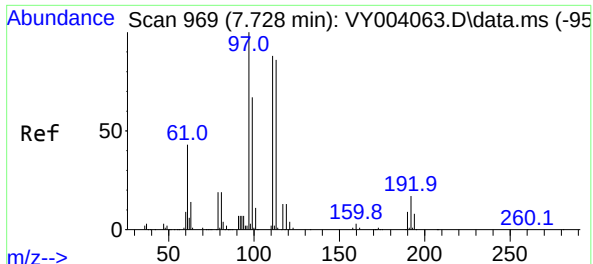
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#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004090.D
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Tgt Ion: 114 Resp: 359029
Ion Ratio Lower Upper
114 100
63 18.9 0.0 41.6
88 15.4 0.0 31.4





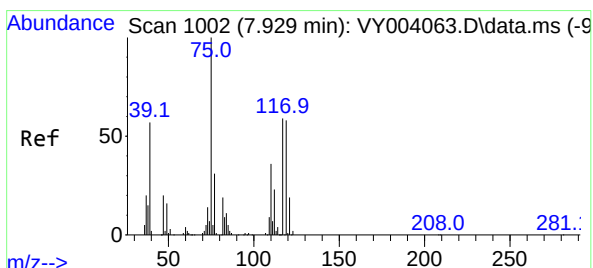
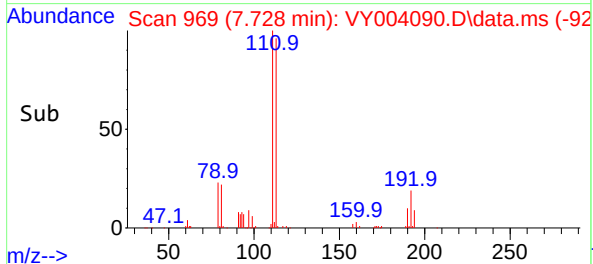
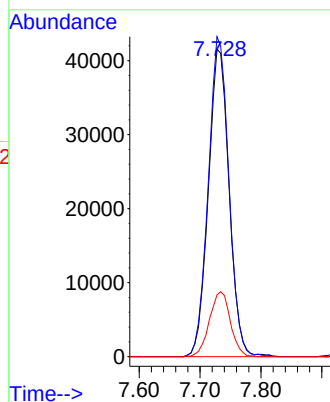
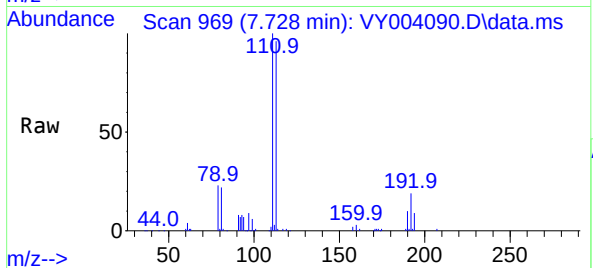
#35
Dibromofluoromethane
Concen: 48.58 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004090.D
Acq: 16 Mar 2021 12:07

Tgt Ion:	113	Resp:	98357
Ion	Ratio	Lower	Upper
113	100		
111	103.6	83.2	124.8
192	21.3	18.5	27.7

Instrument :
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ClientSampleId :
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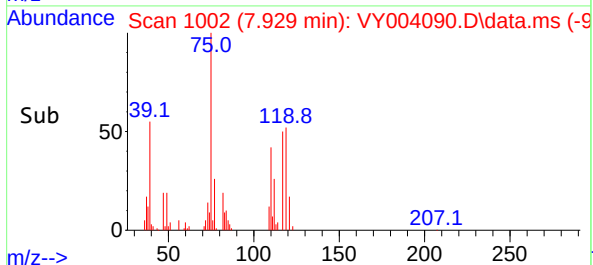
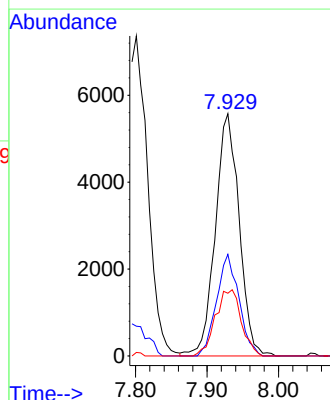
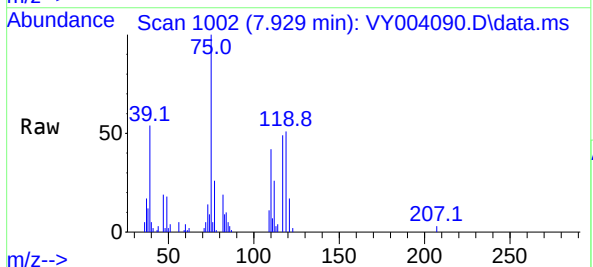
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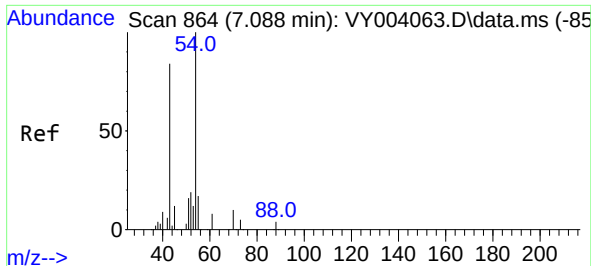
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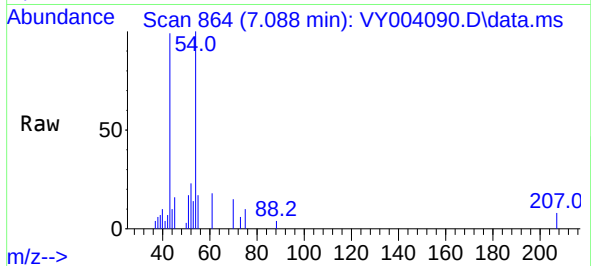
#36
1,1-Dichloropropene
Concen: 4.09 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VY004090.D
Acq: 16 Mar 2021 12:07

Tgt Ion:	75	Resp:	12904
Ion	Ratio	Lower	Upper
75	100		
110	39.3	17.4	52.3
77	29.7	24.5	36.7



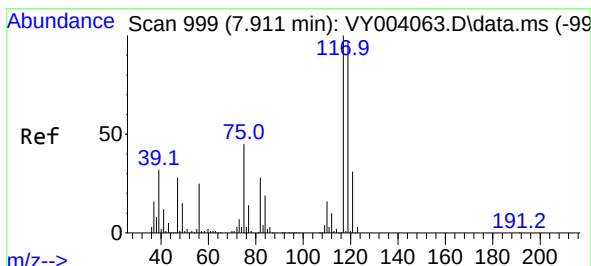
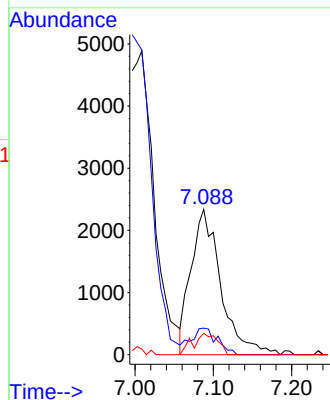
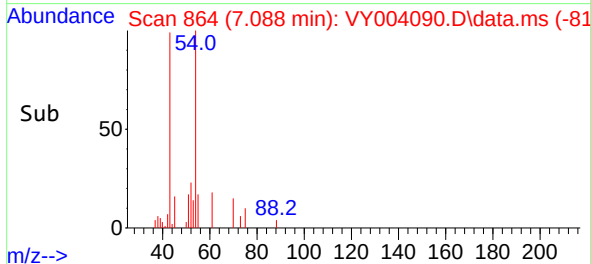


#37
Ethyl Acetate
Concen: 3.65 ug/l
RT: 7.088 min Scan# 864
Delta R.T. -0.000 min
Lab File: VY004090.D
Acq: 16 Mar 2021 12:07

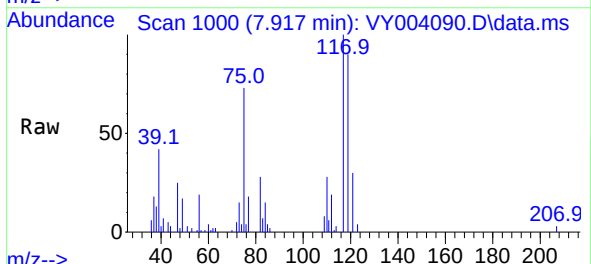


Tgt Ion: 43 Resp: 6201

Ion	Ratio	Lower	Upper
43	100		
61	16.3	10.7	16.1#
70	12.1	7.7	11.5#

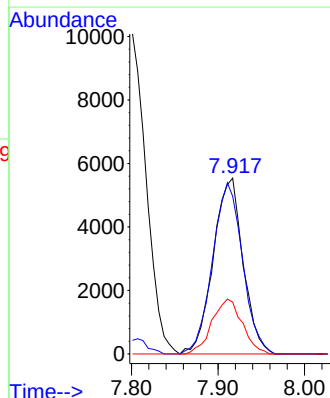
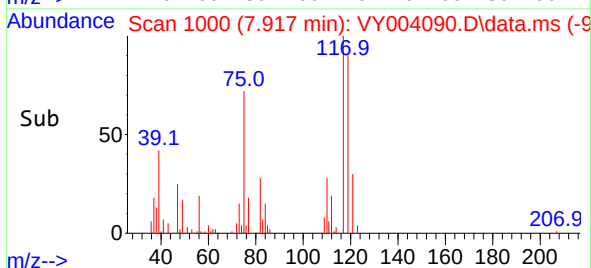


#38
Carbon Tetrachloride
Concen: 3.96 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY004090.D
Acq: 16 Mar 2021 12:07



Tgt Ion: 117 Resp: 13260

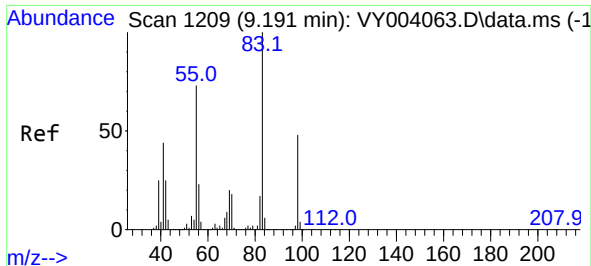
Ion	Ratio	Lower	Upper
117	100		
119	89.7	75.4	113.0
121	29.5	24.2	36.2



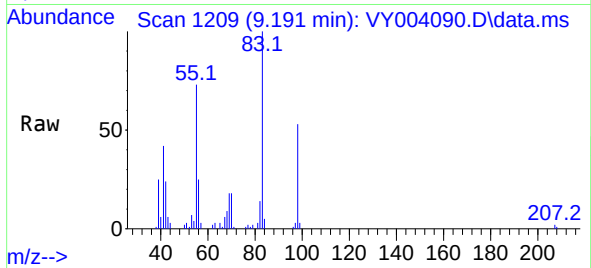
Instrument :
MSVOA_Y
ClientSampleId :
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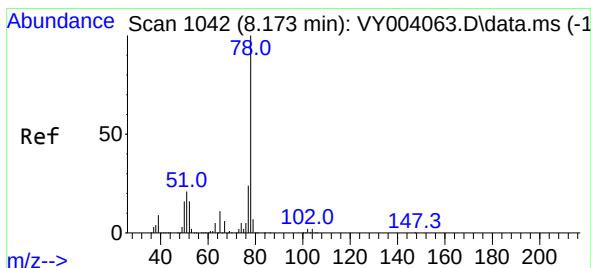
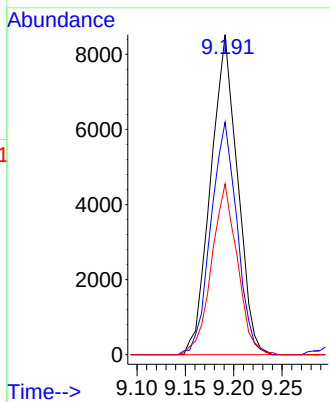
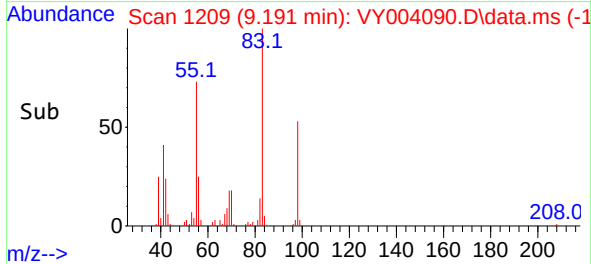
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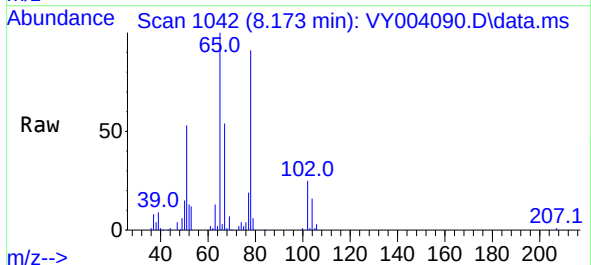
#39
Methylcyclohexane
Concen: 4.03 ug/l
RT: 9.191 min Scan# 1209
Delta R.T. 0.000 min
Lab File: VY004090.D
Acq: 16 Mar 2021 12:07



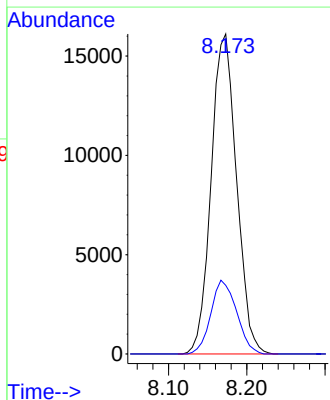
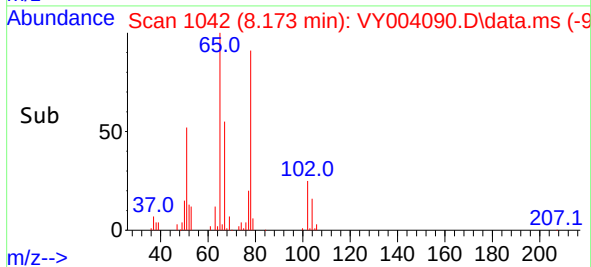
Tgt Ion: 83 Resp: 16425
Ion Ratio Lower Upper
83 100
55 72.7 65.6 98.4
98 53.4 39.5 59.3



#40
Benzene
Concen: 4.09 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VY004090.D
Acq: 16 Mar 2021 12:07



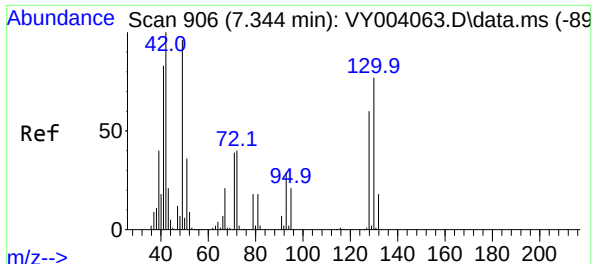
Tgt Ion: 78 Resp: 36301
Ion Ratio Lower Upper
78 100
77 21.5 20.1 30.1



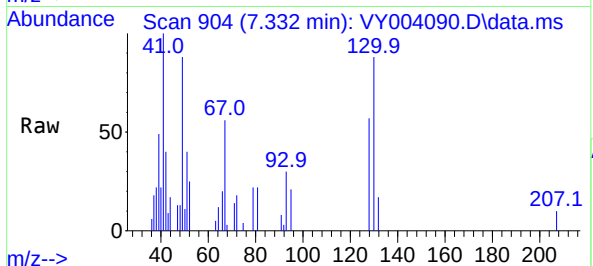
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

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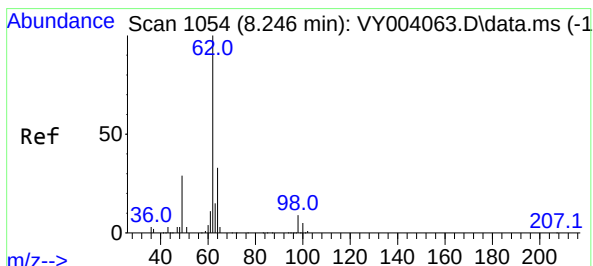
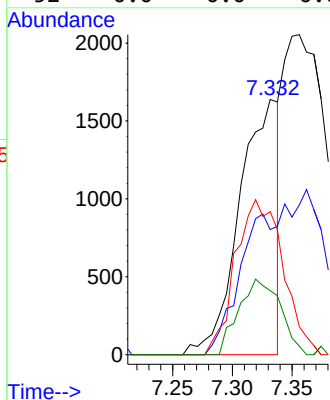
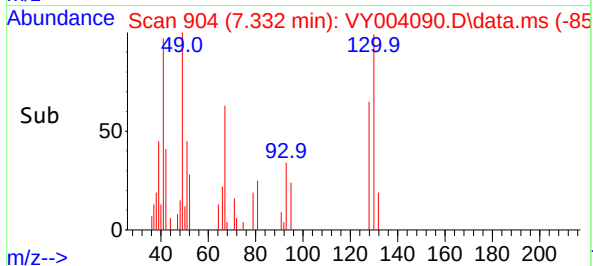
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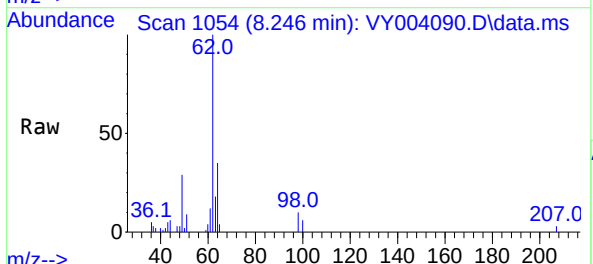
#41
Methacrylonitrile
Concen: 3.57 ug/l m
RT: 7.332 min Scan# 904
Delta R.T. -0.012 min
Lab File: VY004090.D
Acq: 16 Mar 2021 12:07



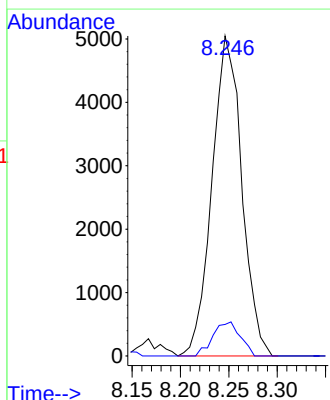
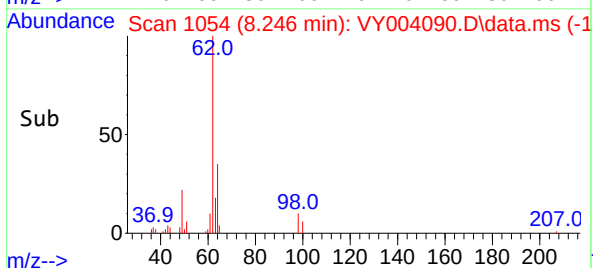
Tgt Ion: 41 Resp: 3758
Ion Ratio Lower Upper
41 100
39 0.0 91.2 136.8#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 3.98 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VY004090.D
Acq: 16 Mar 2021 12:07



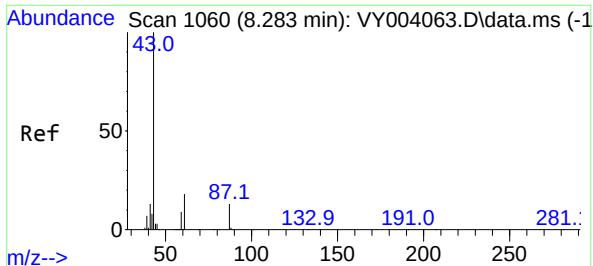
Tgt Ion: 62 Resp: 10804
Ion Ratio Lower Upper
62 100
98 9.8 0.0 17.0



Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

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#43

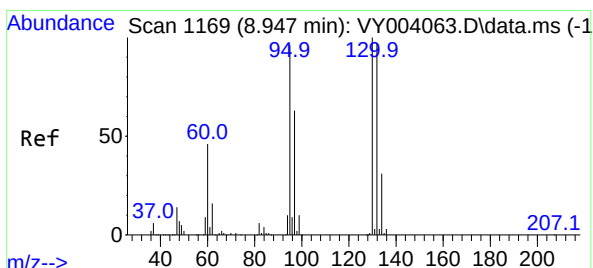
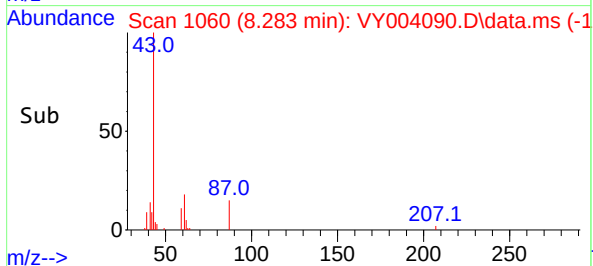
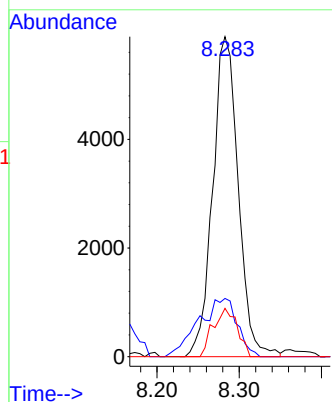
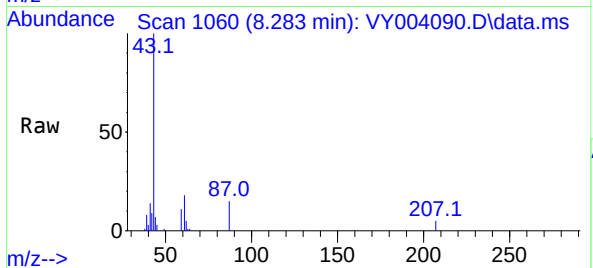
Isopropyl Acetate
Concen: 3.73 ug/l
RT: 8.283 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VY004090.D
Acq: 16 Mar 2021 12:07

Tgt Ion:	43	Resp:	12711
Ion	Ratio	Lower	Upper
43	100		
61	27.7	22.1	33.1
87	14.3	9.8	14.8

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

Manual Integrations
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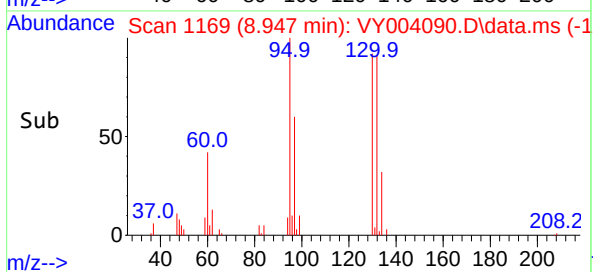
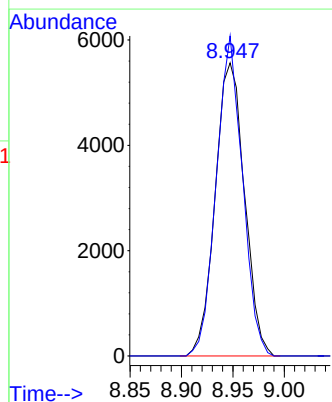
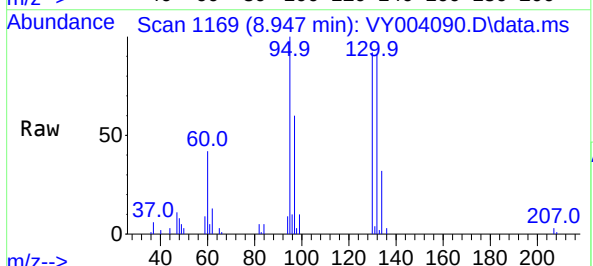
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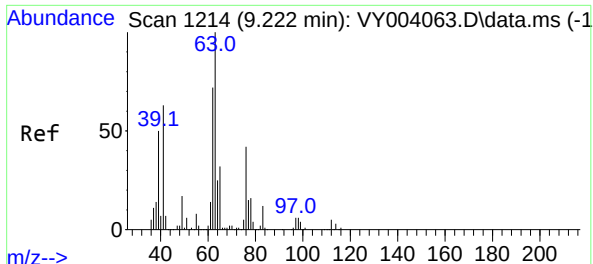


#44

Trichloroethene
Concen: 4.29 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VY004090.D
Acq: 16 Mar 2021 12:07

Tgt Ion:	130	Resp:	11034
Ion	Ratio	Lower	Upper
130	100		
95	109.2	0.0	188.0





#45

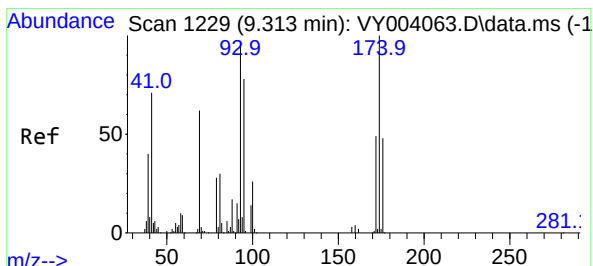
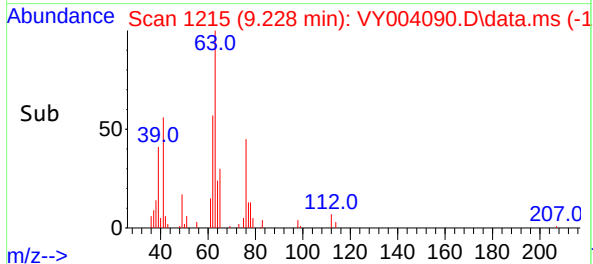
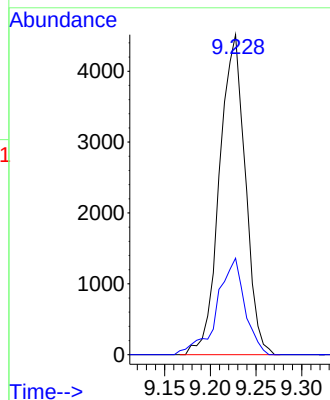
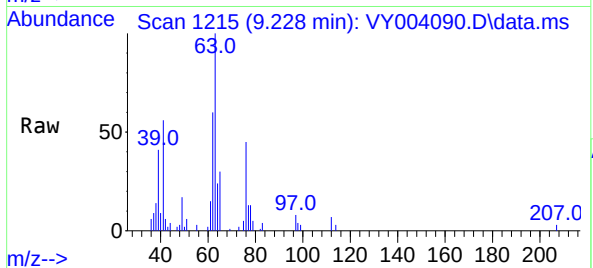
1,2-Dichloropropane
Concen: 4.00 ug/l
RT: 9.228 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VY004090.D
Acq: 16 Mar 2021 12:07

Tgt Ion: 63 Resp: 8864
Ion Ratio Lower Upper
63 100
65 30.2 24.4 36.6

Instrument :
MSVOA_Y
ClientSampleId :
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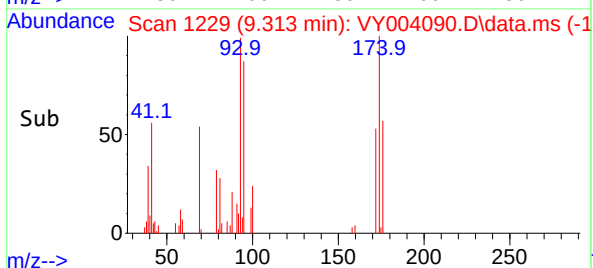
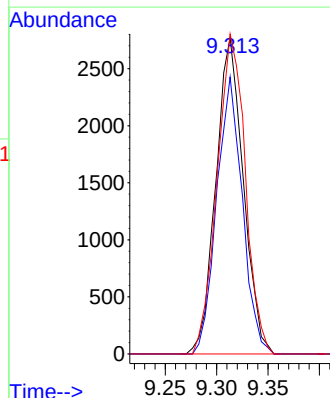
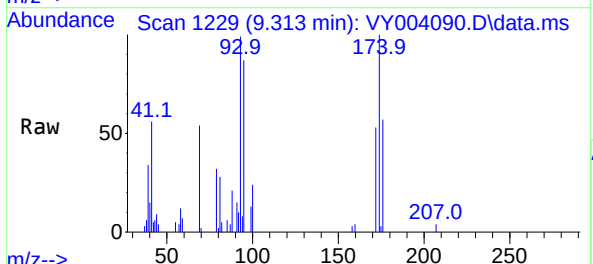
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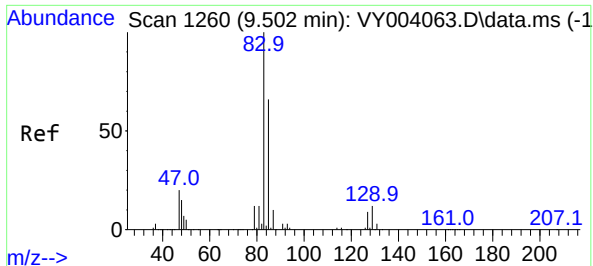


#46

Dibromomethane
Concen: 4.05 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VY004090.D
Acq: 16 Mar 2021 12:07

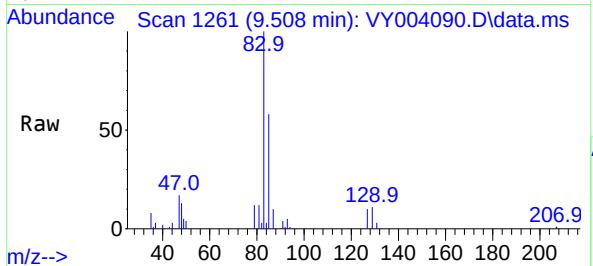
Tgt Ion: 93 Resp: 5140
Ion Ratio Lower Upper
93 100
95 81.7 66.3 99.5
174 103.7 88.1 132.1





#47
Bromodichloromethane
Concen: 3.93 ug/l
RT: 9.508 min Scan# 1261
Delta R.T. 0.006 min
Lab File: VY004090.D
Acq: 16 Mar 2021 12:07

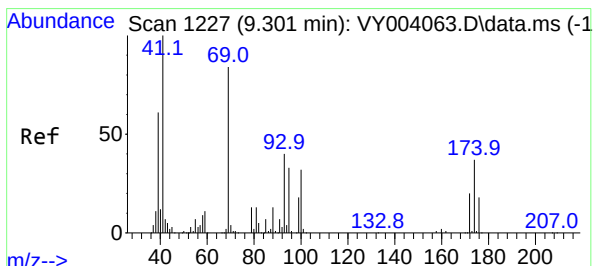
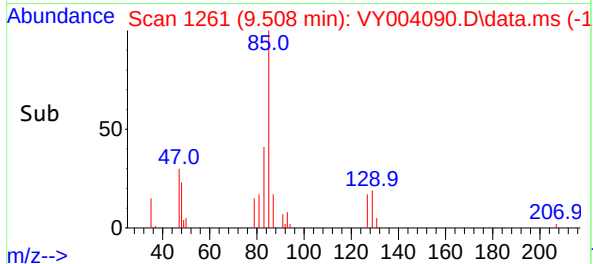
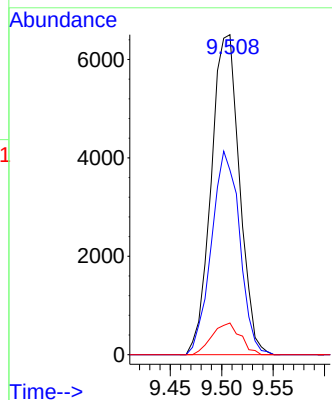
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



Tgt Ion: 83 Resp: 12459
Ion Ratio Lower Upper
83 100
85 57.7 51.6 77.4
127 9.9 6.5 9.7#

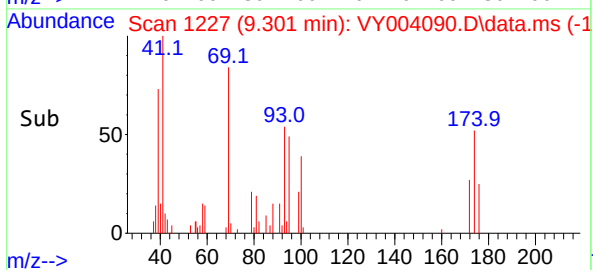
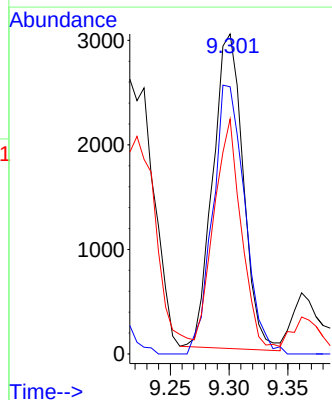
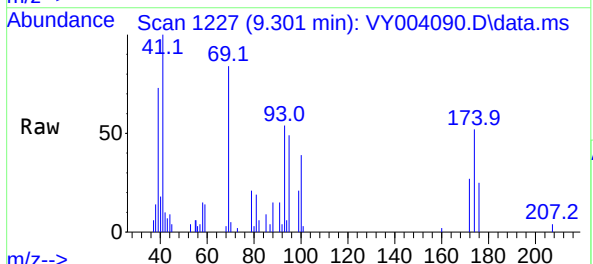
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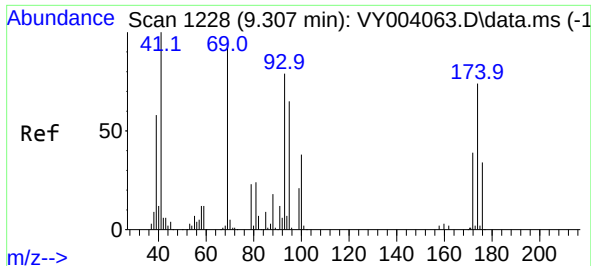
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#48
Methyl methacrylate
Concen: 3.34 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VY004090.D
Acq: 16 Mar 2021 12:07

Tgt Ion: 41 Resp: 5416
Ion Ratio Lower Upper
41 100
69 90.0 65.1 97.7
39 64.6 44.2 66.2





#49
1,4-Dioxane
Concen: 79.09 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VY004090.D
Acq: 16 Mar 2021 12:07

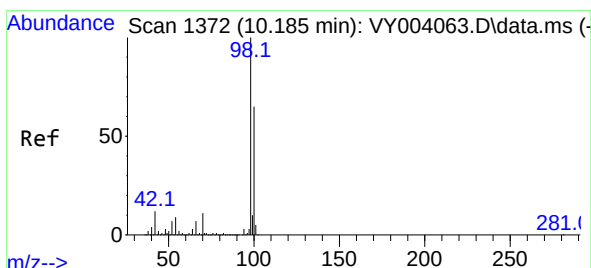
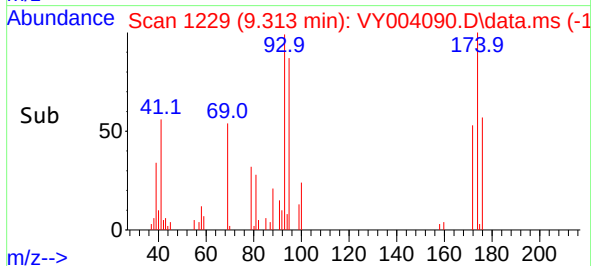
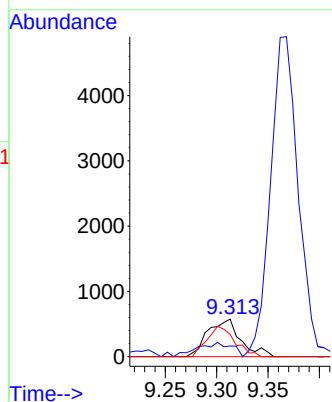
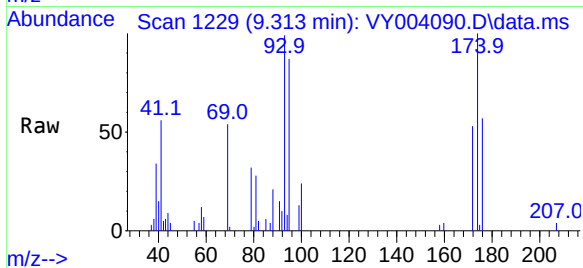
Tgt Ion: 88 Resp: 1277

Ion	Ratio	Lower	Upper
88	100		
43	39.9	32.0	48.0
58	68.6	56.5	84.7

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

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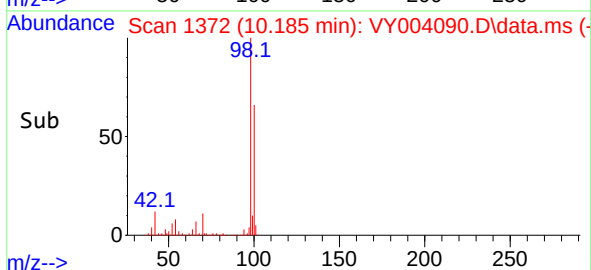
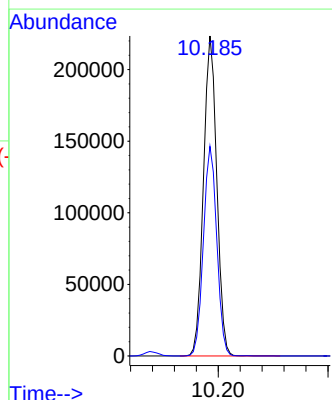
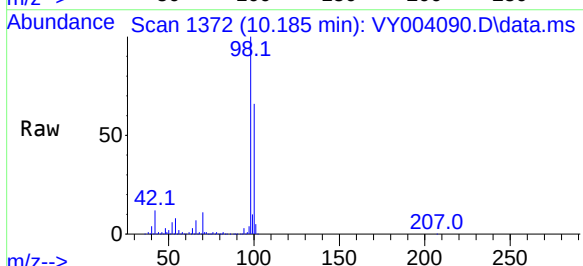
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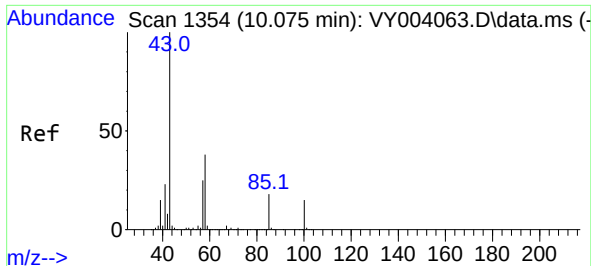


#50
Toluene-d8
Concen: 47.37 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004090.D
Acq: 16 Mar 2021 12:07

Tgt Ion: 98 Resp: 376029

Ion	Ratio	Lower	Upper
98	100		
100	65.7	51.8	77.6





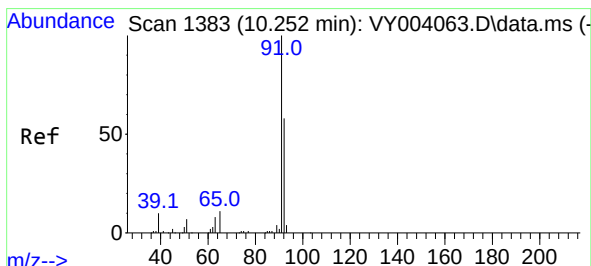
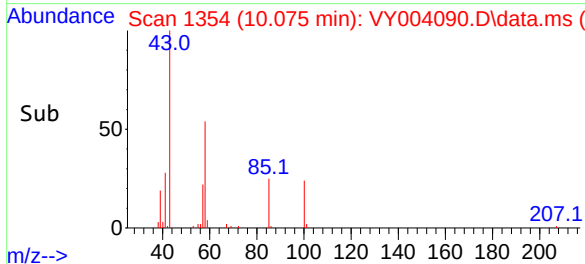
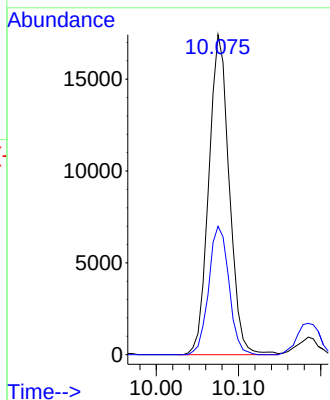
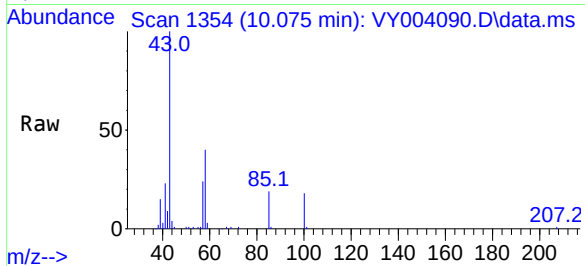
#51
4-Methyl-2-Pentanone
Concen: 17.47 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY004090.D
Acq: 16 Mar 2021 12:07

Tgt Ion: 43 Resp: 30160
Ion Ratio Lower Upper
43 100
58 39.5 29.8 44.8

Instrument :
MSVOA_Y
ClientSampleId :
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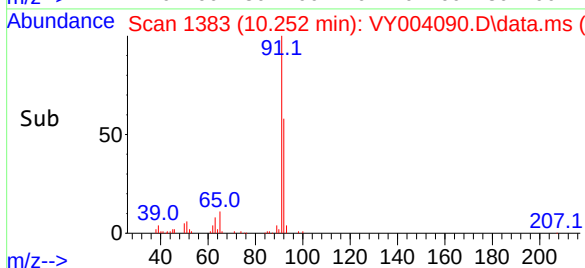
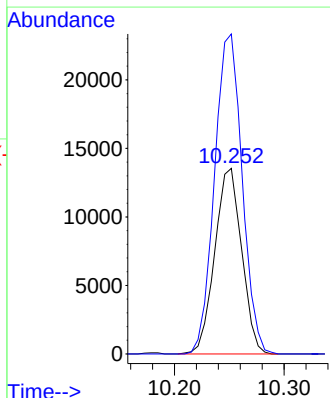
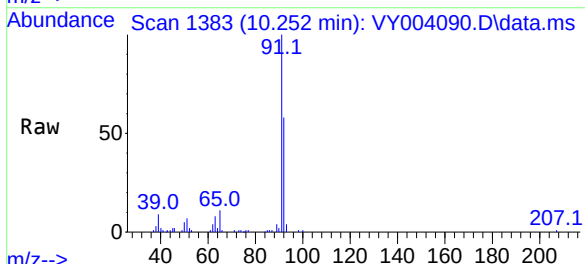
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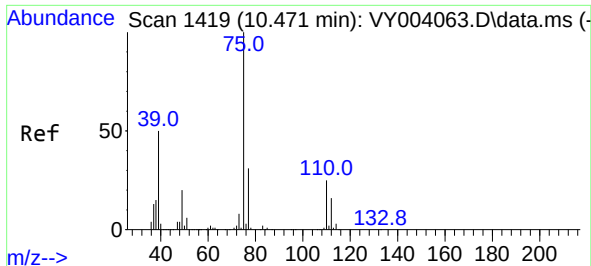
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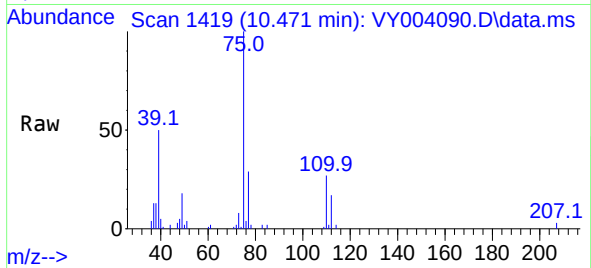
#52
Toluene
Concen: 4.01 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. -0.000 min
Lab File: VY004090.D
Acq: 16 Mar 2021 12:07

Tgt Ion: 92 Resp: 23097
Ion Ratio Lower Upper
92 100
91 177.1 141.0 211.4

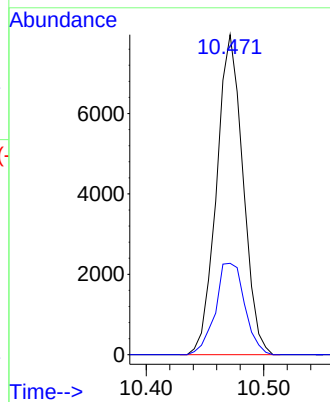
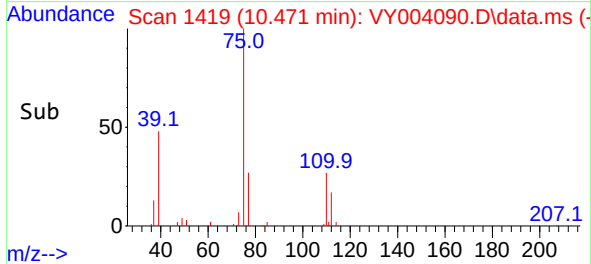




#53
t-1,3-Dichloropropene
Concen: 3.73 ug/l
RT: 10.471 min Scan# 1419
Delta R.T. 0.000 min
Lab File: VY004090.D
Acq: 16 Mar 2021 12:07



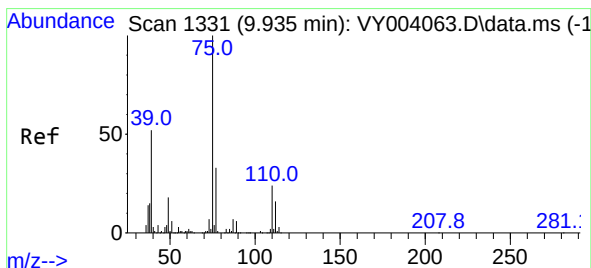
Tgt Ion: 75 Resp: 12465
Ion Ratio Lower Upper
75 100
77 28.5 24.5 36.7



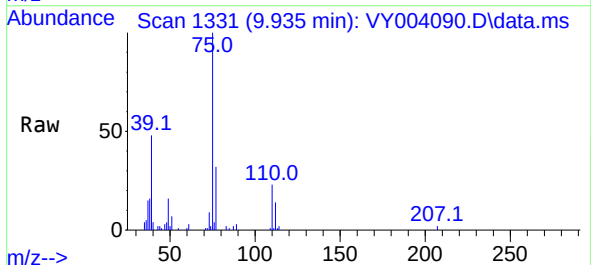
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

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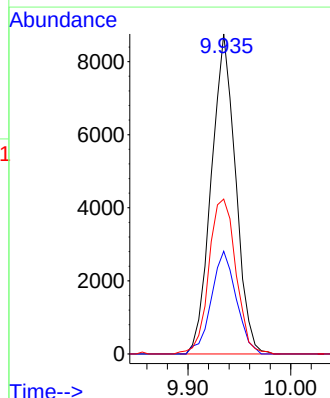
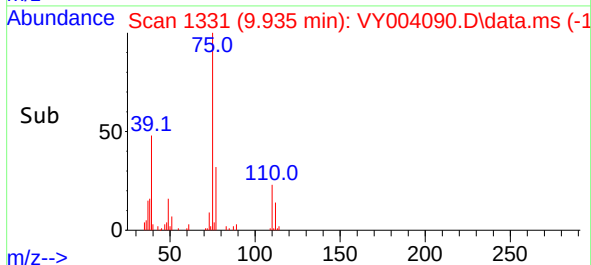
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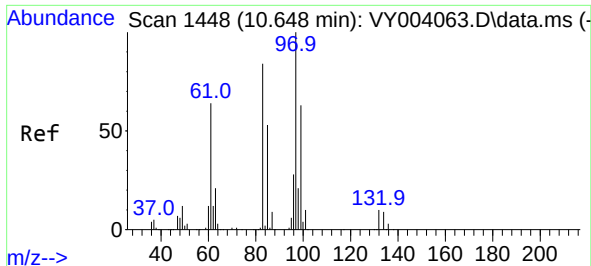


#54
cis-1,3-Dichloropropene
Concen: 3.84 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. -0.000 min
Lab File: VY004090.D
Acq: 16 Mar 2021 12:07

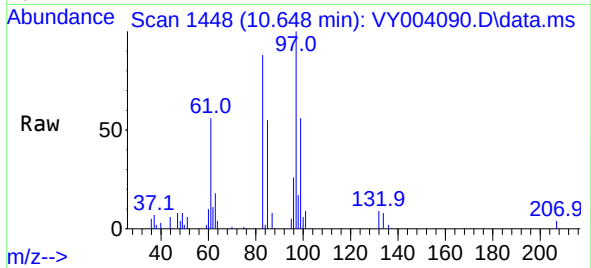


Tgt Ion: 75 Resp: 14365
Ion Ratio Lower Upper
75 100
77 32.1 24.2 36.4
39 48.4 40.4 60.6

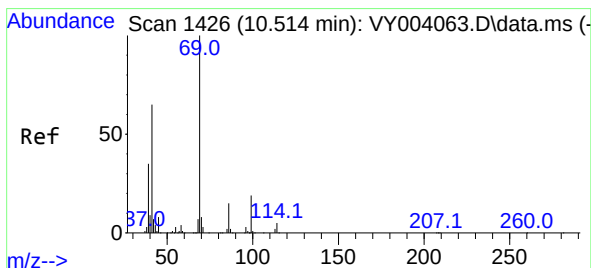
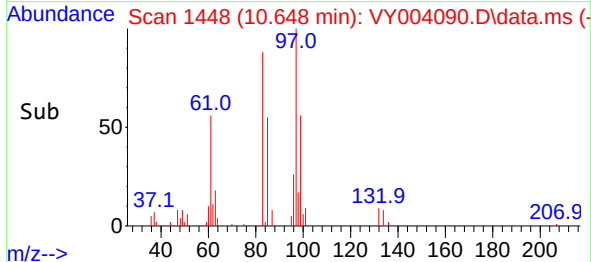
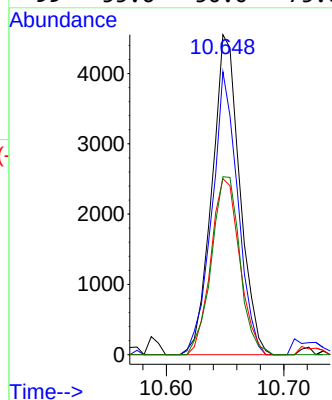




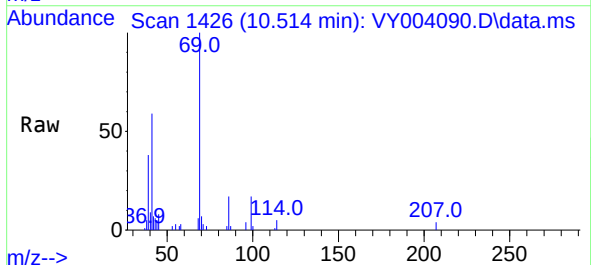
#55
1,1,2-Trichloroethane
Concen: 4.19 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY004090.D
Acq: 16 Mar 2021 12:07



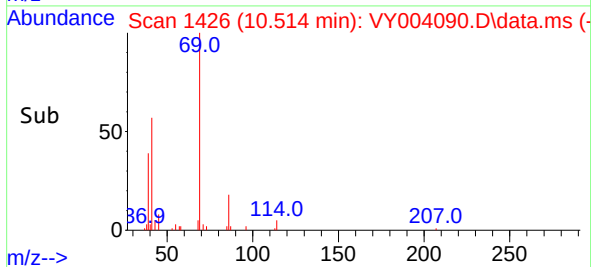
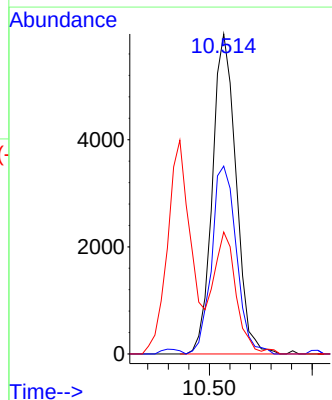
Tgt Ion:	97	Resp:	7472
Ion	Ratio	Lower	Upper
97	100		
83	88.4	69.4	104.0
85	55.0	43.4	65.0
99	55.6	50.0	75.0



#56
Ethyl methacrylate
Concen: 3.82 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. -0.000 min
Lab File: VY004090.D
Acq: 16 Mar 2021 12:07



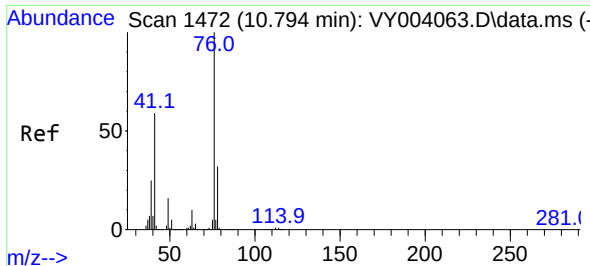
Tgt Ion:	69	Resp:	9524
Ion	Ratio	Lower	Upper
69	100		
41	61.6	57.2	85.8
39	36.2	27.8	41.6



Instrument :
MSVOA_Y
ClientSampleId :
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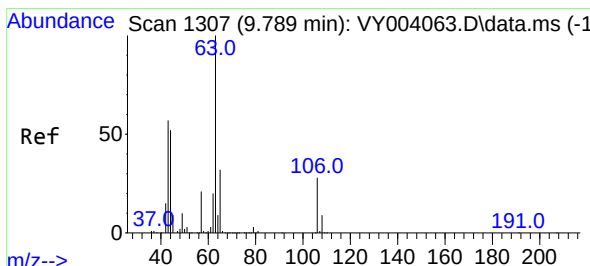
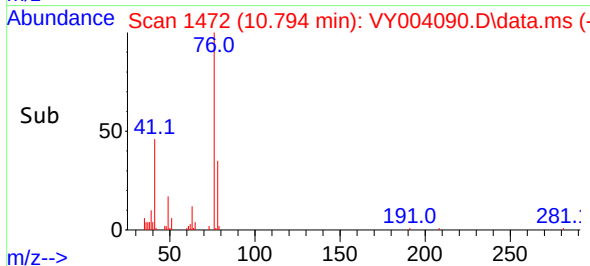
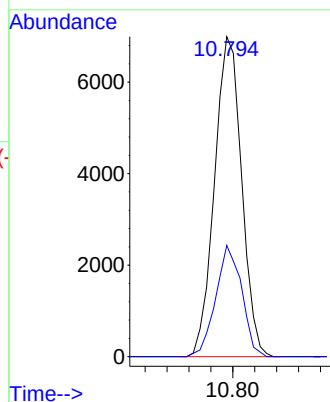
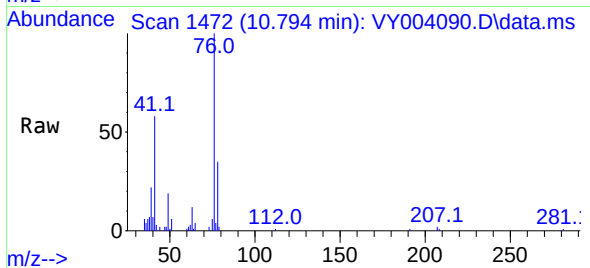
#57
1,3-Dichloropropane
Concen: 3.93 ug/l
RT: 10.794 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VY004090.D
Acq: 16 Mar 2021 12:07

Tgt Ion: 76 Resp: 11997
Ion Ratio Lower Upper
76 100
78 33.3 25.5 38.3

Instrument :
MSVOA_Y
ClientSampleId :
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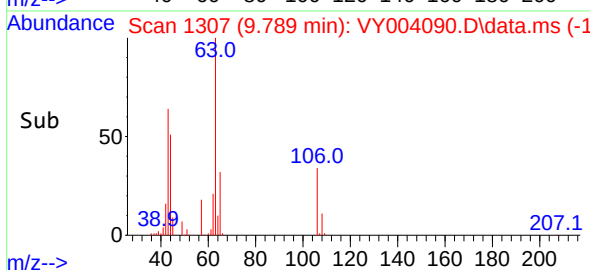
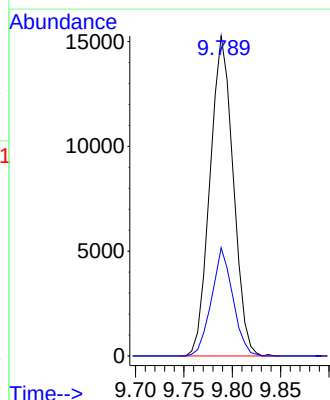
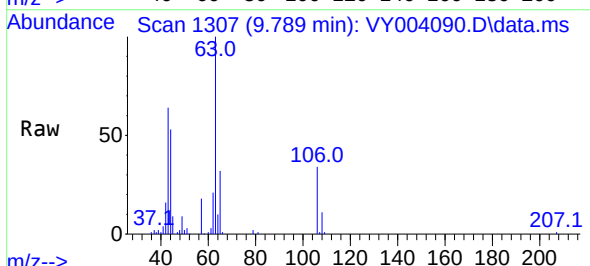
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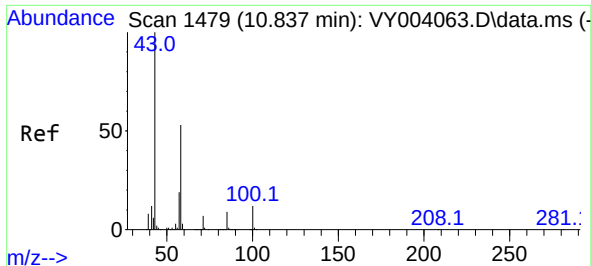
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#58
2-Chloroethyl Vinyl ether
Concen: 23.04 ug/l
RT: 9.789 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VY004090.D
Acq: 16 Mar 2021 12:07

Tgt Ion: 63 Resp: 25489
Ion Ratio Lower Upper
63 100
106 31.1 22.1 33.1





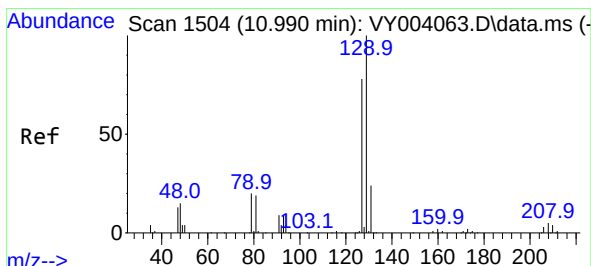
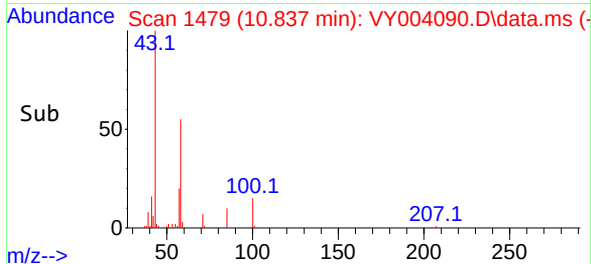
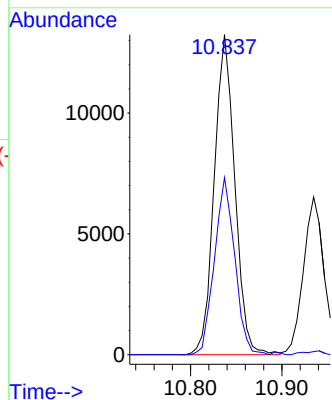
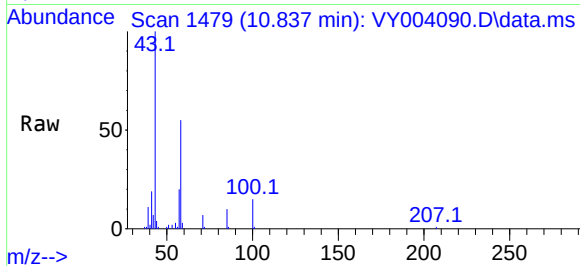
#59
2-Hexanone
Concen: 17.07 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY004090.D
Acq: 16 Mar 2021 12:07

Tgt Ion: 43 Resp: 20708
Ion Ratio Lower Upper
43 100
58 54.5 26.5 79.4

Instrument :
MSVOA_Y
ClientSampleId :
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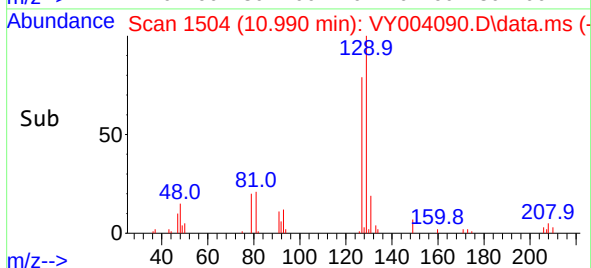
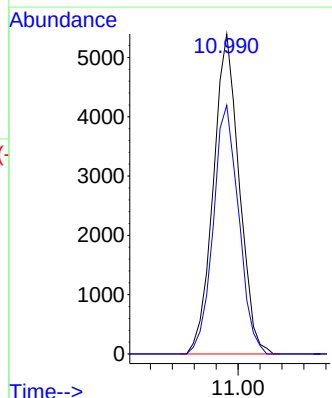
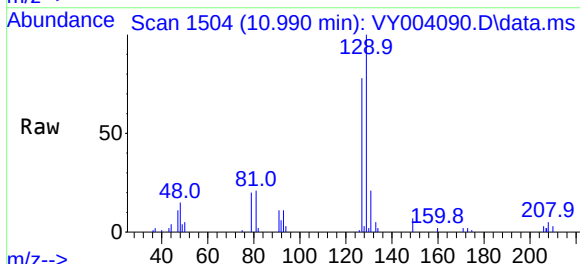
Manual Integrations
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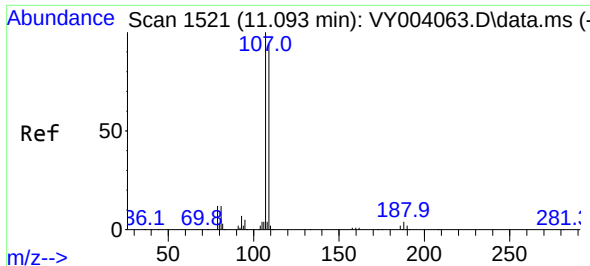
MMDadoda
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#60
Dibromochloromethane
Concen: 3.95 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. -0.000 min
Lab File: VY004090.D
Acq: 16 Mar 2021 12:07

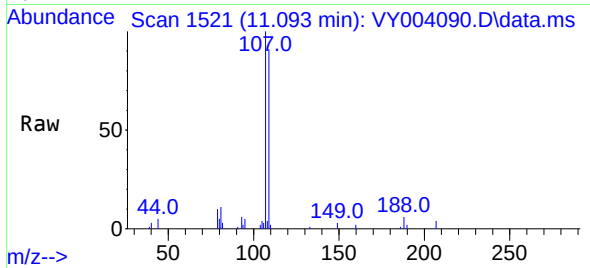
Tgt Ion: 129 Resp: 8844
Ion Ratio Lower Upper
129 100
127 76.3 39.0 117.0





#61
1,2-Dibromoethane
Concen: 4.03 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY004090.D
Acq: 16 Mar 2021 12:07

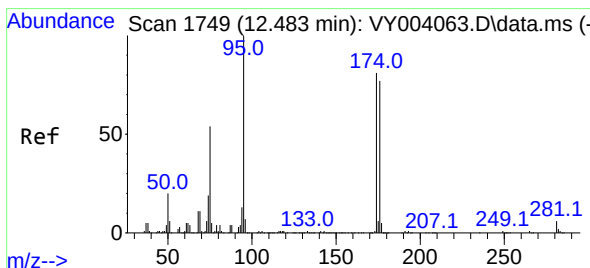
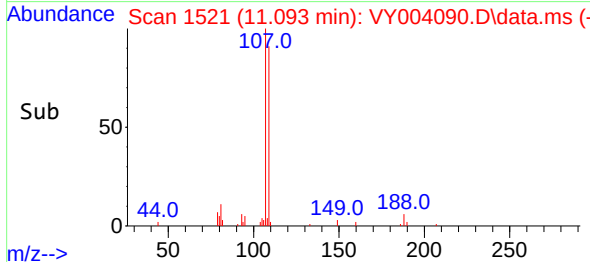
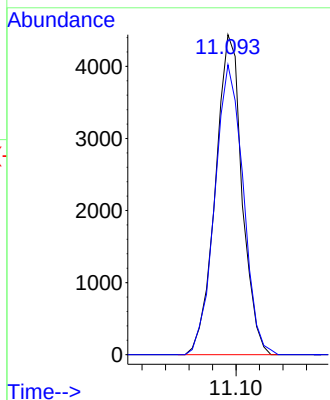
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



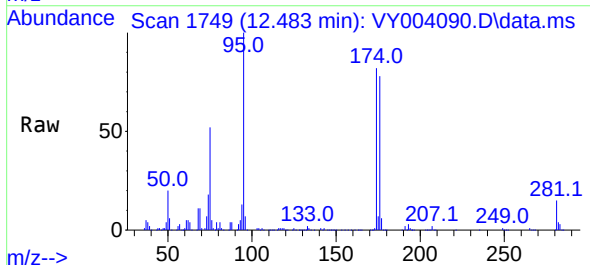
Tgt Ion:107 Resp: 7000
Ion Ratio Lower Upper
107 100
109 96.5 76.7 115.1

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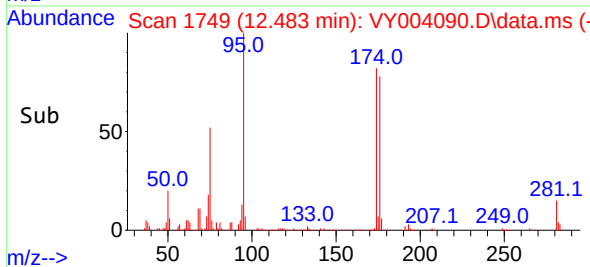
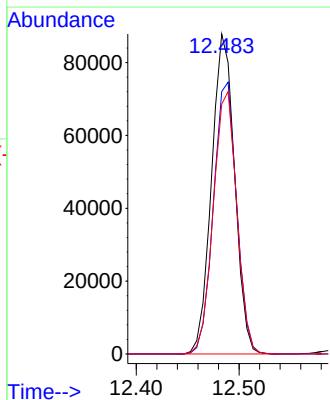
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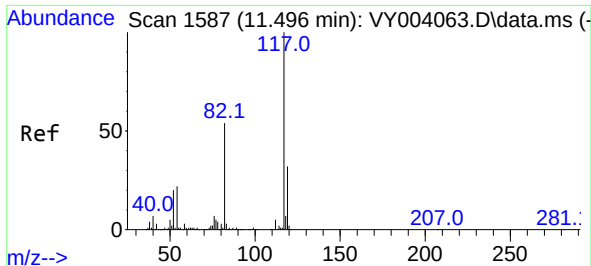


#62
4-Bromofluorobenzene
Concen: 46.58 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004090.D
Acq: 16 Mar 2021 12:07

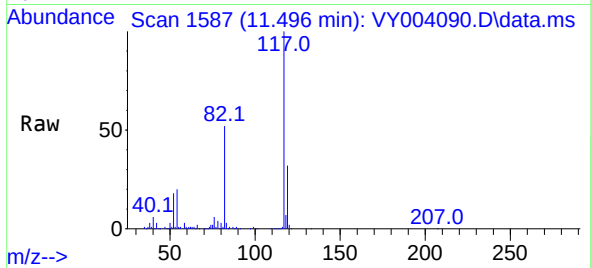


Tgt Ion: 95 Resp: 136553
Ion Ratio Lower Upper
95 100
174 85.4 0.0 179.0
176 83.7 0.0 174.4

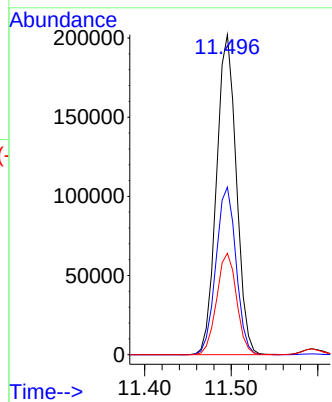
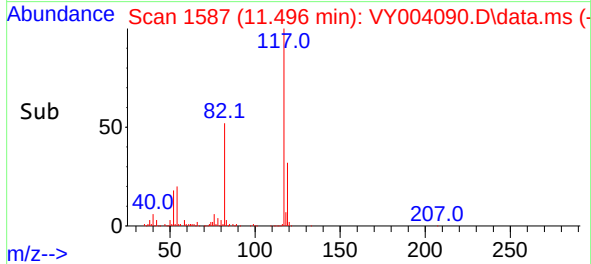




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004090.D
Acq: 16 Mar 2021 12:07



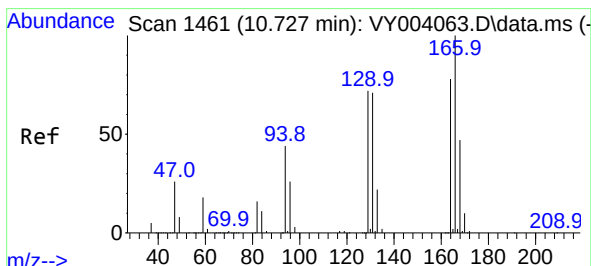
Tgt Ion:117 Resp: 321729
Ion Ratio Lower Upper
117 100
82 52.4 43.8 65.6
119 31.7 26.2 39.2



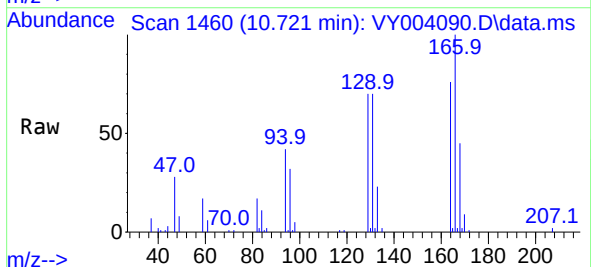
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

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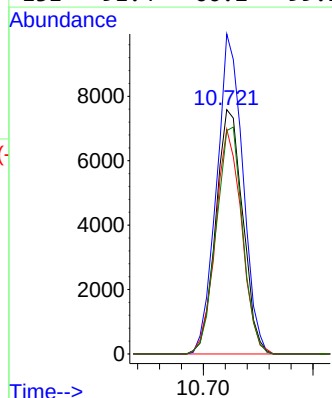
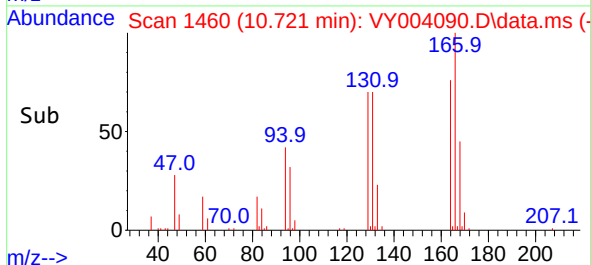
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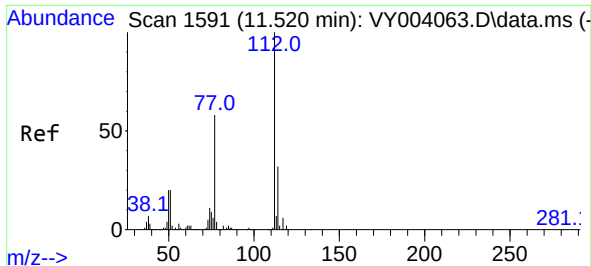


#64
Tetrachloroethene
Concen: 4.83 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VY004090.D
Acq: 16 Mar 2021 12:07



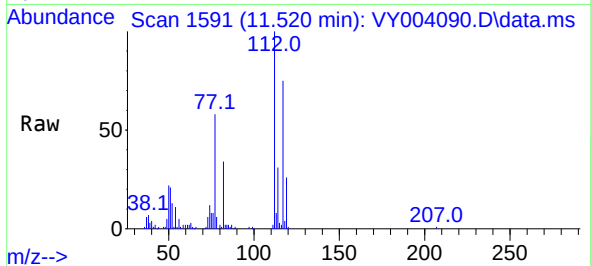
Tgt Ion:164 Resp: 13002
Ion Ratio Lower Upper
164 100
166 131.0 102.7 154.1
129 92.0 70.6 105.8
131 91.4 66.2 99.2



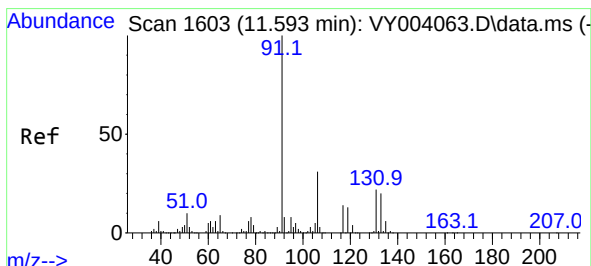
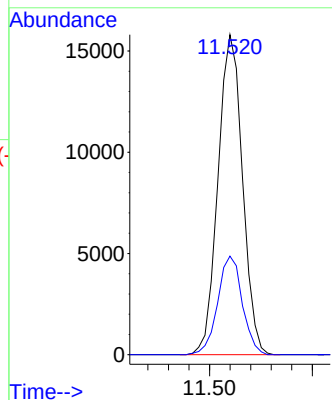
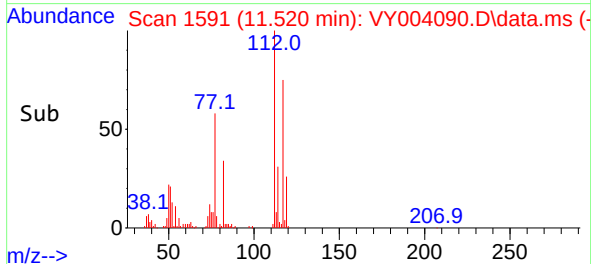


#65
Chlorobenzene
Concen: 4.23 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY004090.D
Acq: 16 Mar 2021 12:07

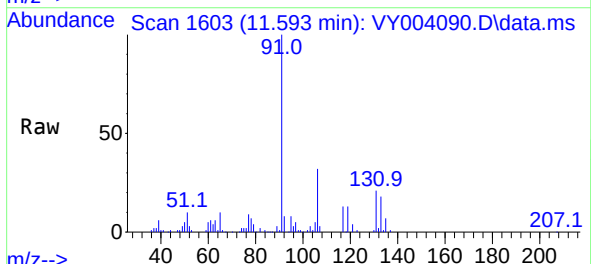
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



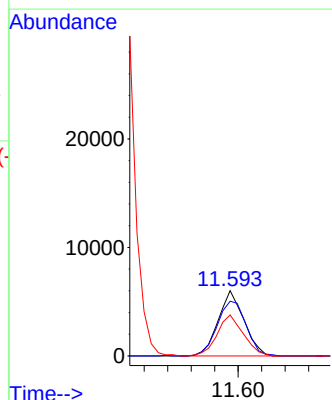
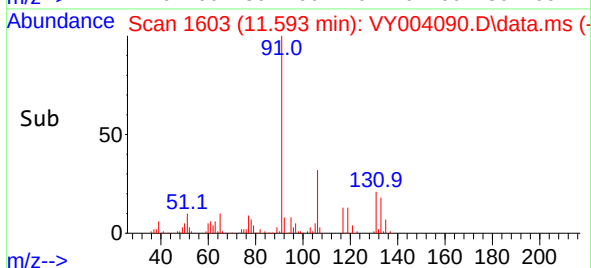
Tgt Ion:112 Resp: 26103
Ion Ratio Lower Upper
112 100
114 30.8 26.5 39.7

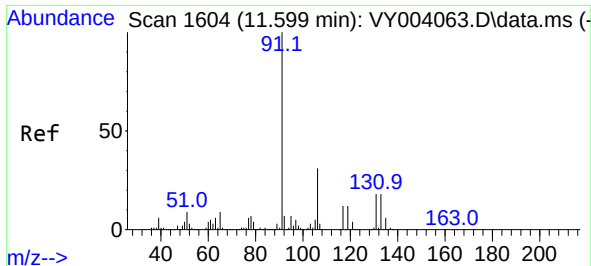


#66
1,1,1,2-Tetrachloroethane
Concen: 3.98 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY004090.D
Acq: 16 Mar 2021 12:07



Tgt Ion:131 Resp: 9170
Ion Ratio Lower Upper
131 100
133 94.4 48.1 144.3
119 64.0 31.5 94.5





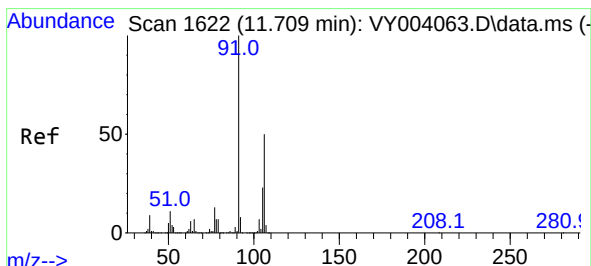
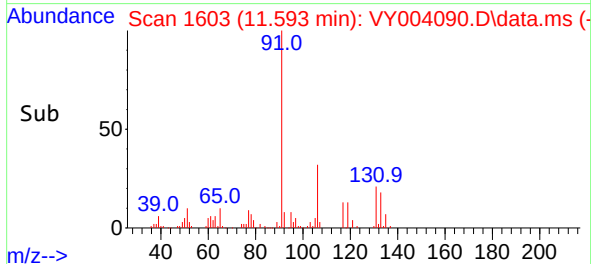
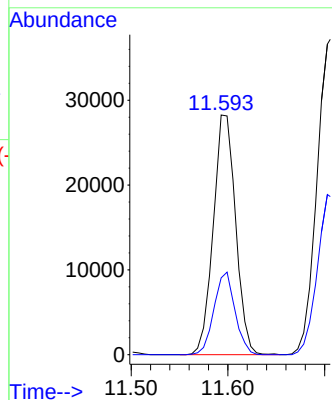
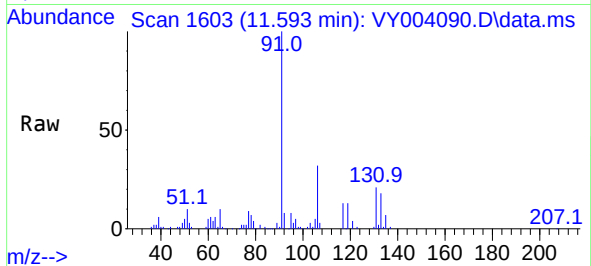
#67
Ethyl Benzene
Concen: 4.01 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.006 min
Lab File: VY004090.D
Acq: 16 Mar 2021 12:07

Tgt Ion: 91 Resp: 45404
Ion Ratio Lower Upper
91 100
106 32.0 24.5 36.7

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

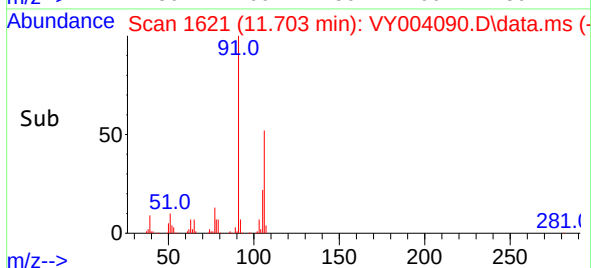
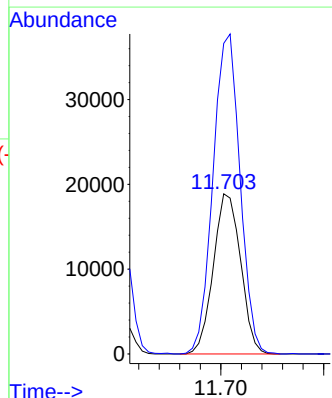
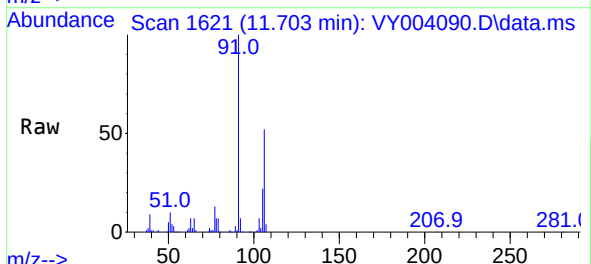
Manual Integrations
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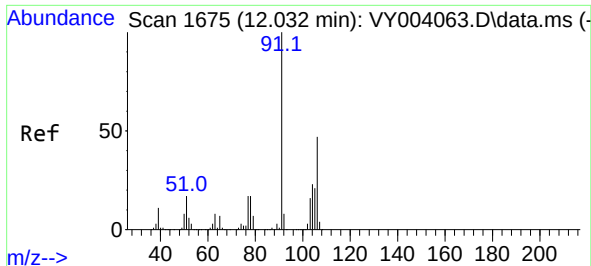
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#68
m/p-Xylenes
Concen: 8.06 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.006 min
Lab File: VY004090.D
Acq: 16 Mar 2021 12:07

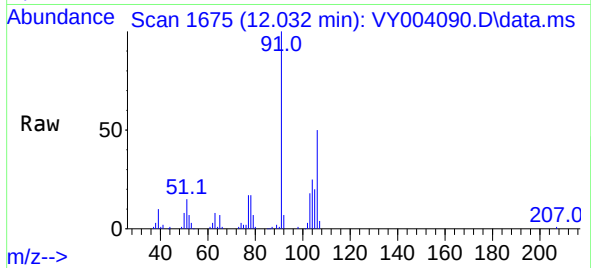
Tgt Ion: 106 Resp: 34794
Ion Ratio Lower Upper
106 100
91 197.9 165.4 248.0





#69
o-Xylene
Concen: 4.00 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY004090.D
Acq: 16 Mar 2021 12:07

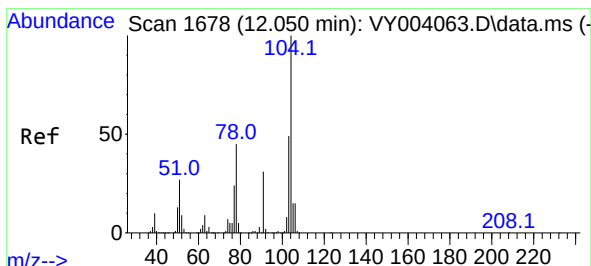
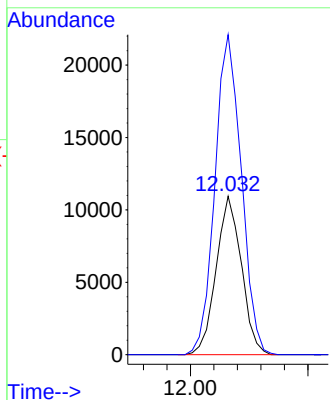
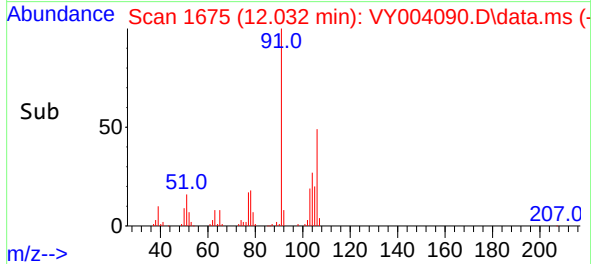
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



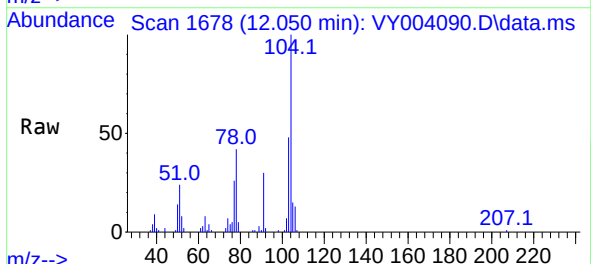
Tgt Ion:106 Resp: 16327
Ion Ratio Lower Upper
106 100
91 211.1 108.9 326.7

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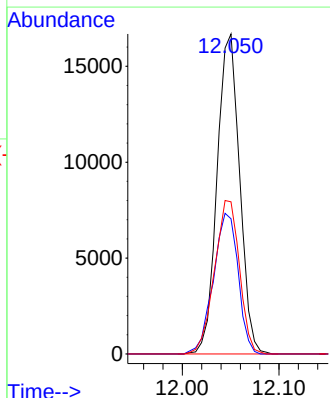
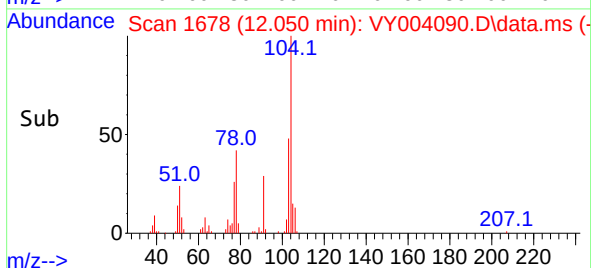
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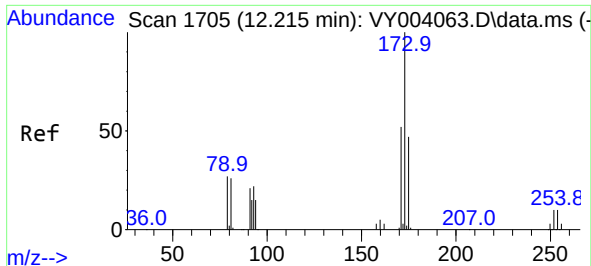


#70
Styrene
Concen: 3.86 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY004090.D
Acq: 16 Mar 2021 12:07



Tgt Ion:104 Resp: 26981
Ion Ratio Lower Upper
104 100
78 48.3 41.1 61.7
103 53.0 43.9 65.9





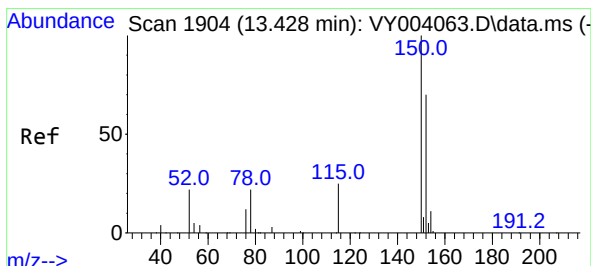
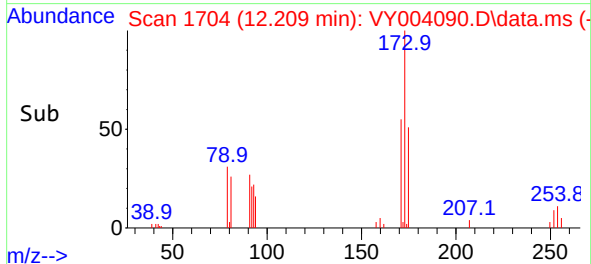
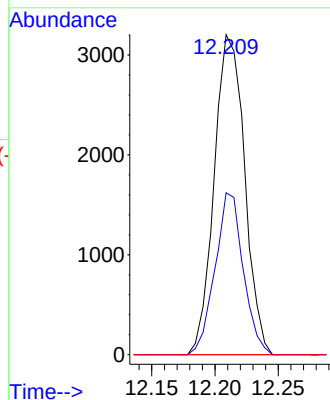
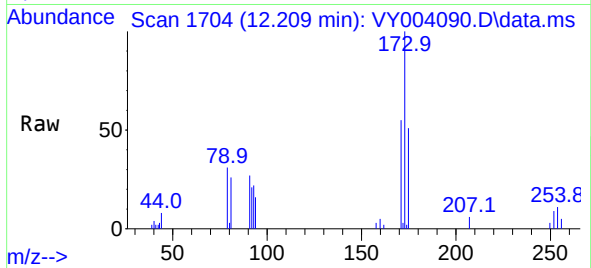
#71
Bromoform
Concen: 3.88 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.006 min
Lab File: VY004090.D
Acq: 16 Mar 2021 12:07

Tgt Ion:	173	Resp:	5355
Ion Ratio	Lower	Upper	
173	100		
175	46.9	24.1	72.4
254	0.0	0.1	0.1#

Instrument :
MSVOA_Y
ClientSampleId :
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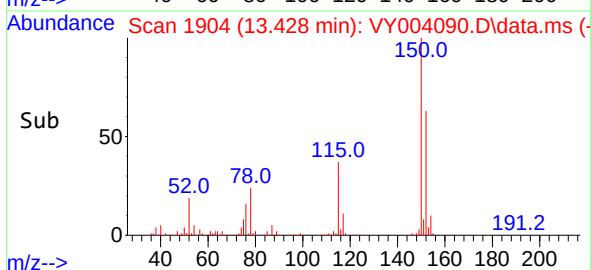
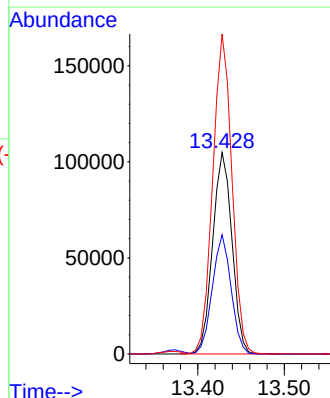
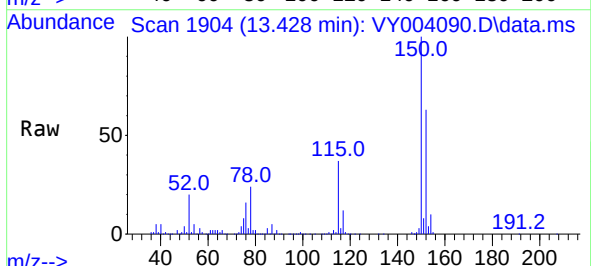
Manual Integrations
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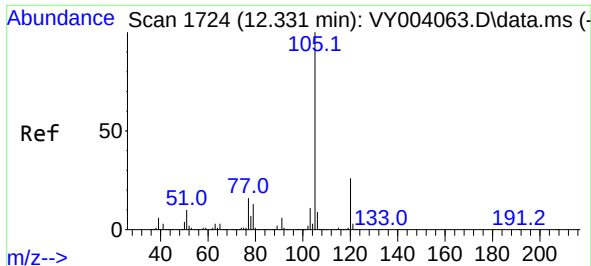
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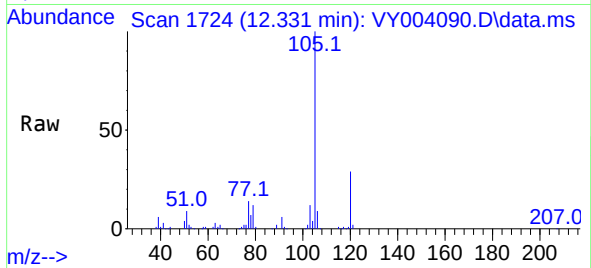
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004090.D
Acq: 16 Mar 2021 12:07

Tgt Ion:	152	Resp:	161994
Ion Ratio	Lower	Upper	
152	100		
115	57.6	28.2	84.6
150	158.0	0.0	347.2

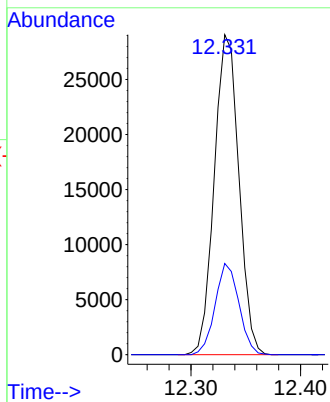
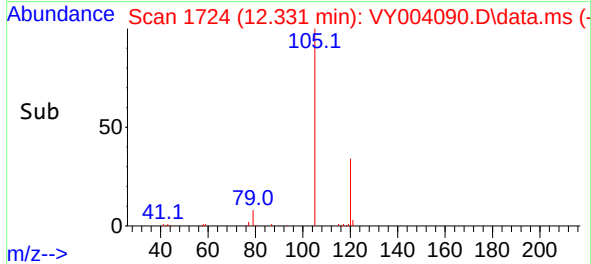




#73
Isopropylbenzene
Concen: 4.03 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY004090.D
Acq: 16 Mar 2021 12:07



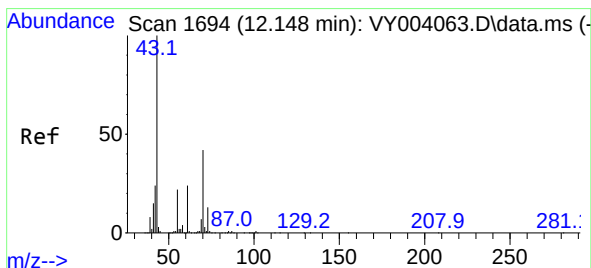
Tgt Ion: 105 Resp: 45334
Ion Ratio Lower Upper
105 100
120 27.5 13.3 39.9



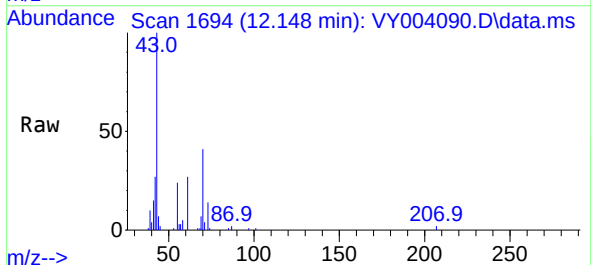
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

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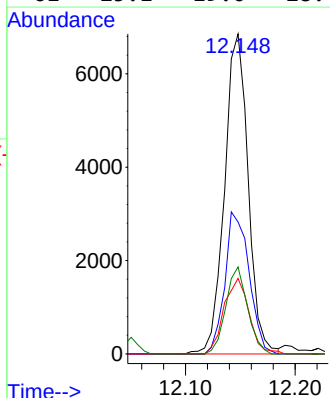
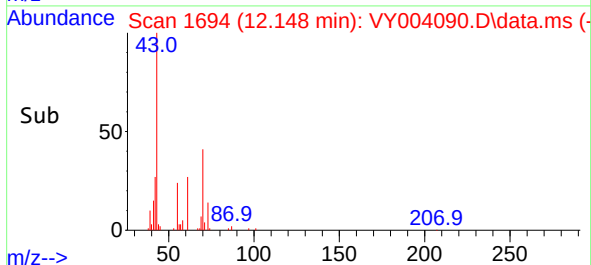
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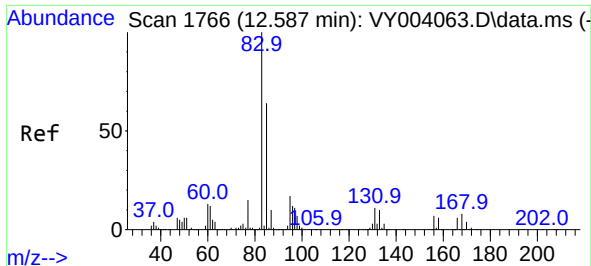


#74
N-ethyl acetate
Concen: 3.18 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VY004090.D
Acq: 16 Mar 2021 12:07



Tgt Ion: 43 Resp: 10251
Ion Ratio Lower Upper
43 100
70 45.5 32.3 48.5
55 25.1 18.4 27.6
61 25.1 19.0 28.4





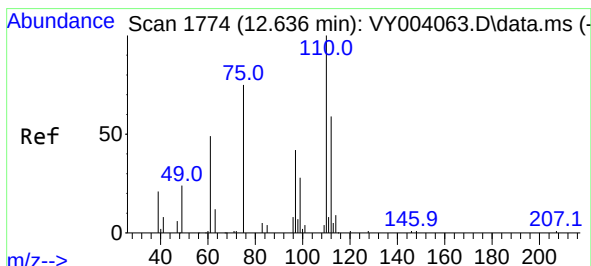
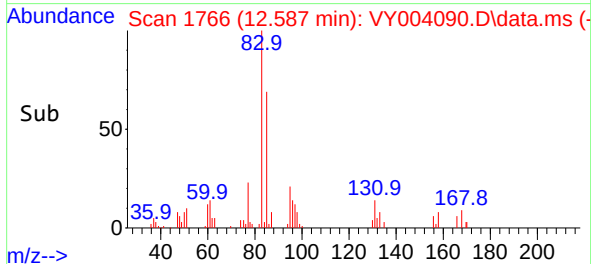
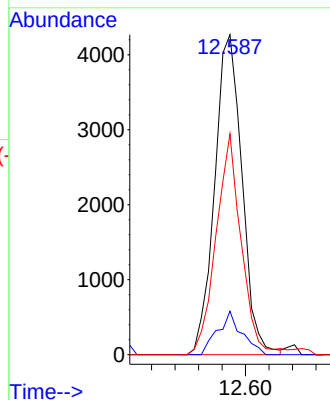
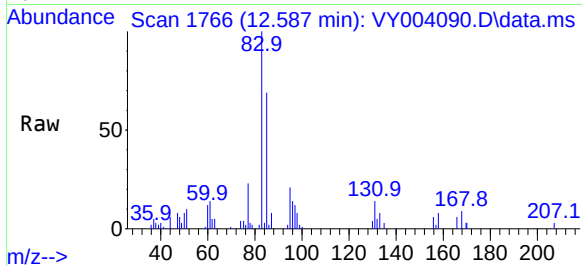
#75
1,1,2,2-Tetrachloroethane
Concen: 3.53 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. -0.000 min
Lab File: VY004090.D
Acq: 16 Mar 2021 12:07

Tgt Ion: 83 Resp: 6902
Ion Ratio Lower Upper
83 100
131 12.0 5.5 16.4
85 63.7 31.6 95.0

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

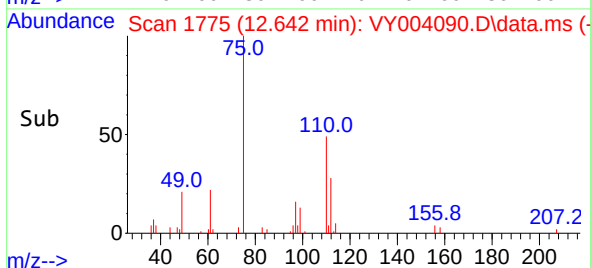
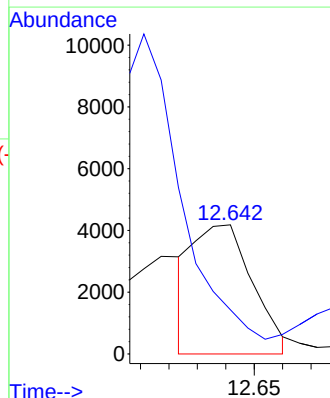
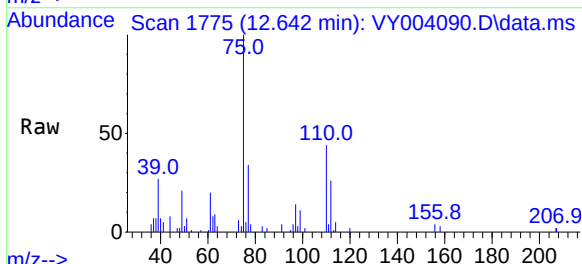
Manual Integrations
APPROVED

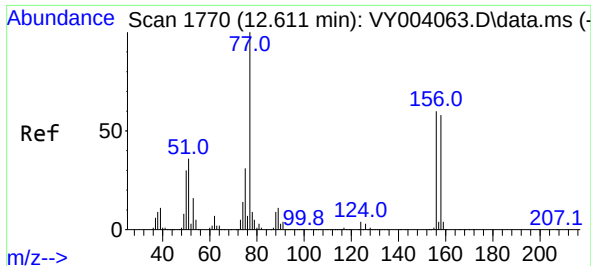
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3/17/2021 11:46:22 AM



#76
1,2,3-Trichloropropane
Concen: 3.92 ug/l m
RT: 12.642 min Scan# 1775
Delta R.T. 0.006 min
Lab File: VY004090.D
Acq: 16 Mar 2021 12:07

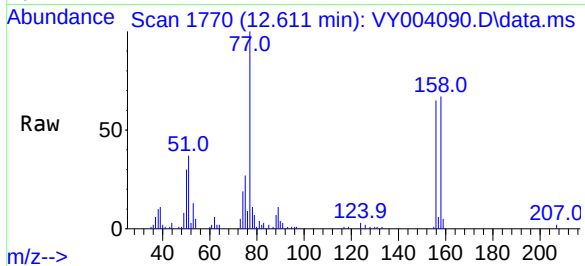
Tgt Ion: 75 Resp: 6091
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 4.28 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY004090.D
Acq: 16 Mar 2021 12:07

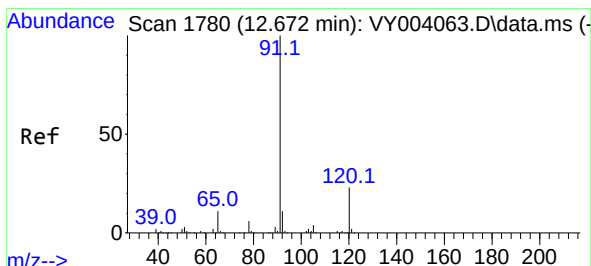
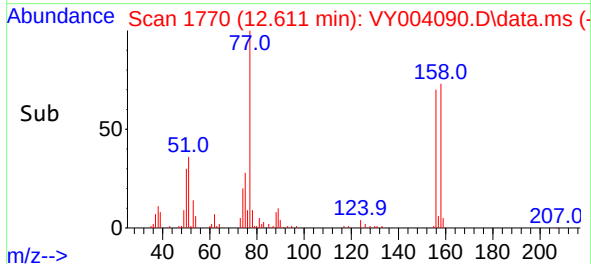
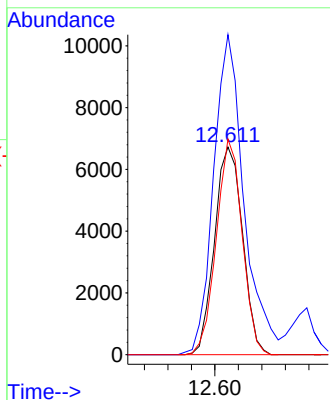
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



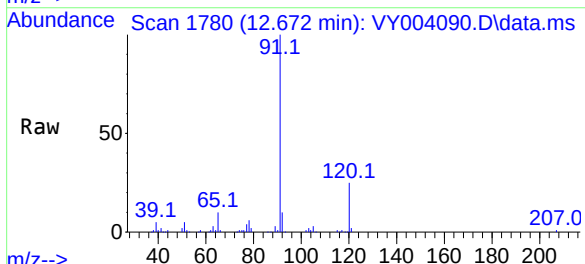
Tgt Ion:156 Resp: 11137
Ion Ratio Lower Upper
156 100
77 167.0 90.5 271.3
158 95.7 48.9 146.6

Manual Integrations
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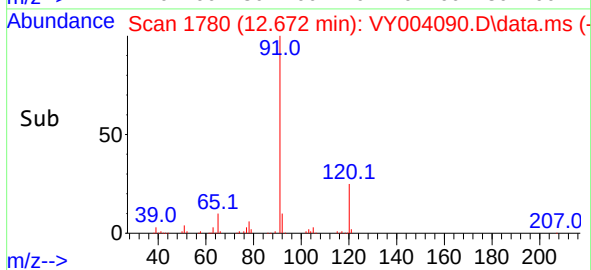
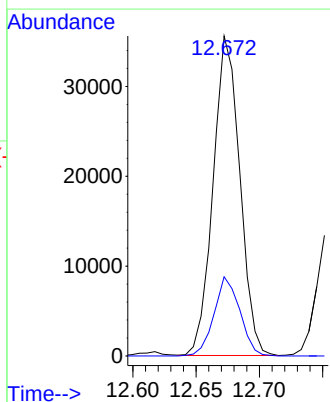
MMDadoda
3/17/2021 11:46:22 AM

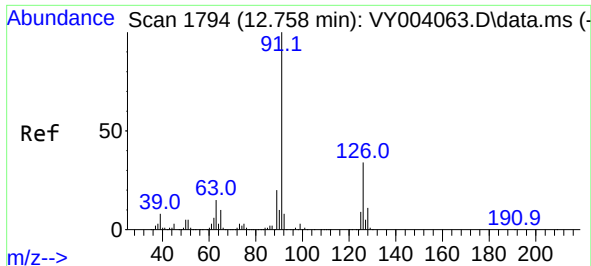


#78
n-propylbenzene
Concen: 3.94 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY004090.D
Acq: 16 Mar 2021 12:07



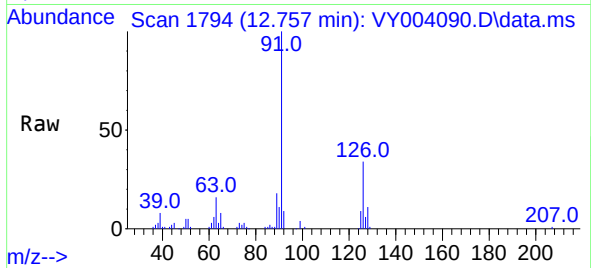
Tgt Ion: 91 Resp: 52204
Ion Ratio Lower Upper
91 100
120 23.9 11.3 33.9





#79
2-Chlorotoluene
Concen: 4.03 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. -0.001 min
Lab File: VY004090.D
Acq: 16 Mar 2021 12:07

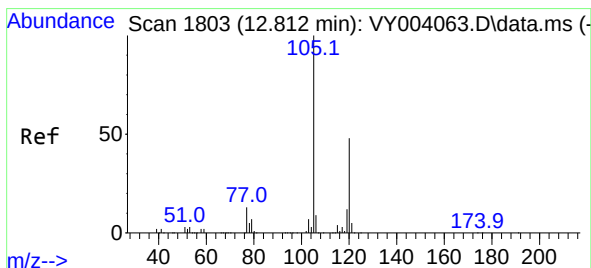
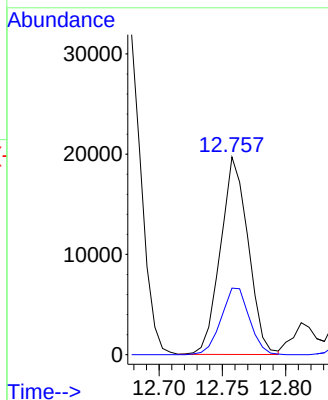
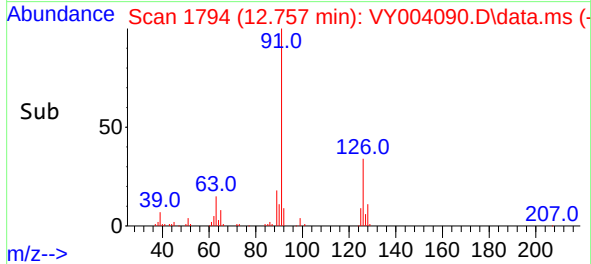
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



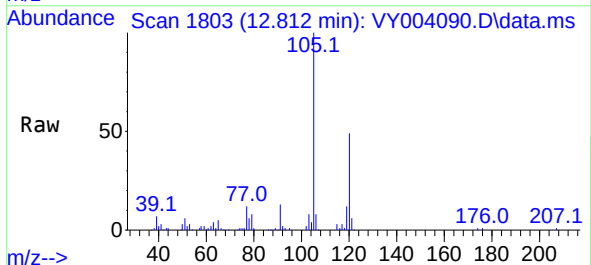
Tgt Ion: 91 Resp: 29973
Ion Ratio Lower Upper
91 100
126 34.5 17.0 51.0

Manual Integrations
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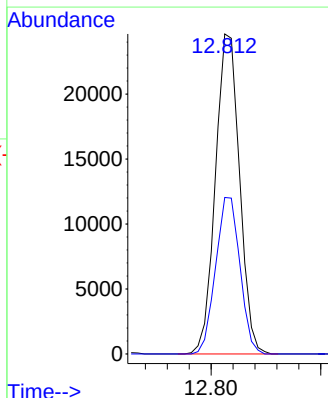
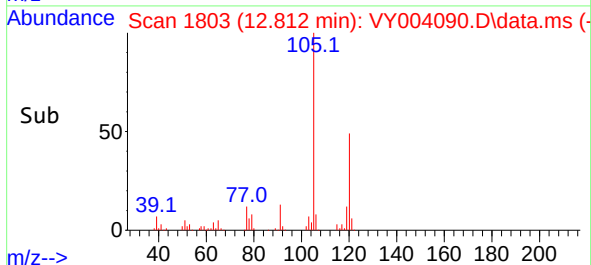
MMDadoda
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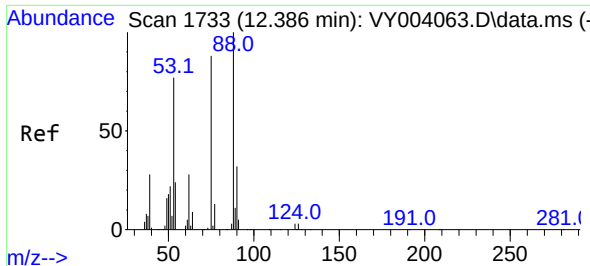


#80
1,3,5-Trimethylbenzene
Concen: 3.95 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY004090.D
Acq: 16 Mar 2021 12:07

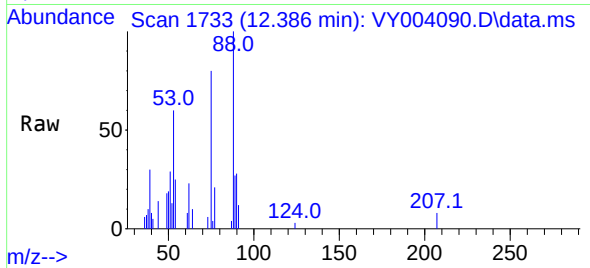


Tgt Ion: 105 Resp: 37693
Ion Ratio Lower Upper
105 100
120 49.3 24.1 72.2

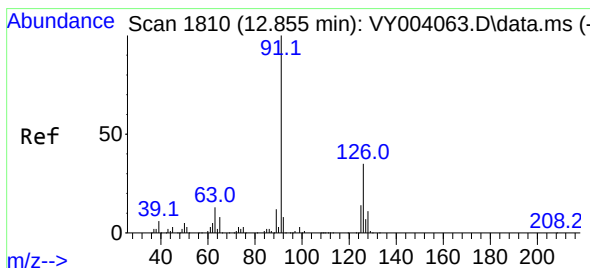
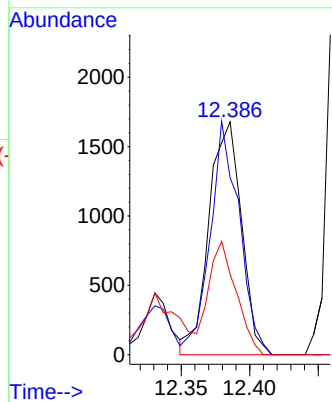
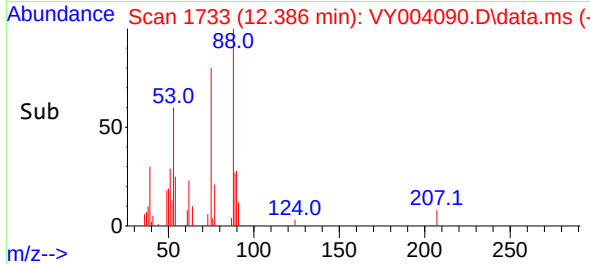




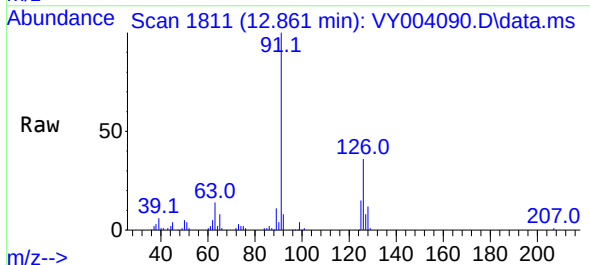
#81
trans-1,4-Dichloro-2-butene
Concen: 3.51 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. -0.000 min
Lab File: VY004090.D
Acq: 16 Mar 2021 12:07



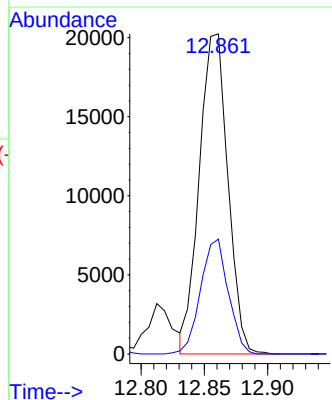
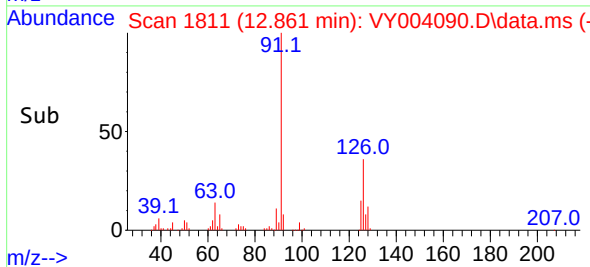
Tgt Ion: 75 Resp: 2766
Ion Ratio Lower Upper
75 100
53 89.7 73.5 110.3
89 41.0 35.7 53.5



#82
4-Chlorotoluene
Concen: 4.04 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VY004090.D
Acq: 16 Mar 2021 12:07



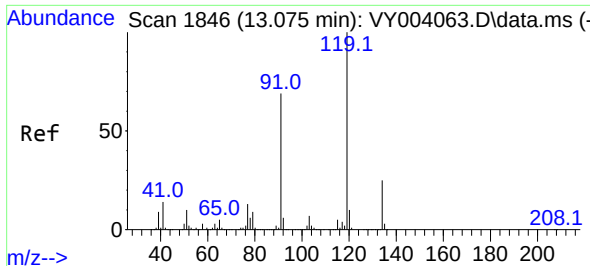
Tgt Ion: 91 Resp: 31852
Ion Ratio Lower Upper
91 100
126 34.7 16.8 50.4



Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

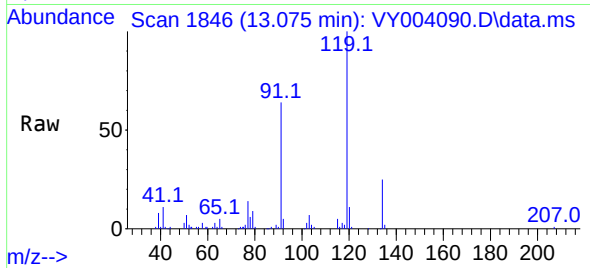
Manual Integrations
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#83
tert-Butylbenzene
Concen: 4.11 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY004090.D
Acq: 16 Mar 2021 12:07

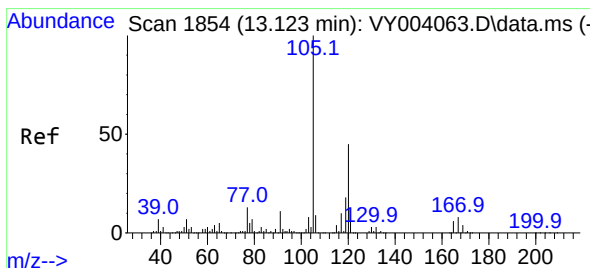
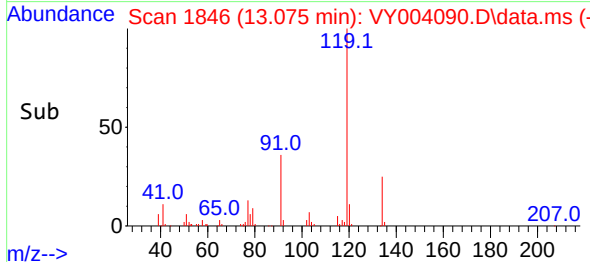
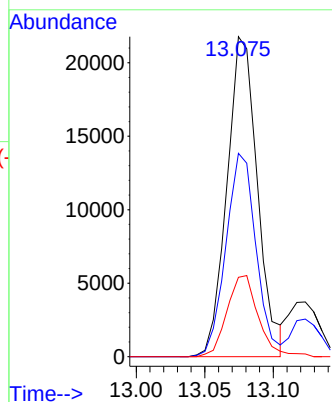
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



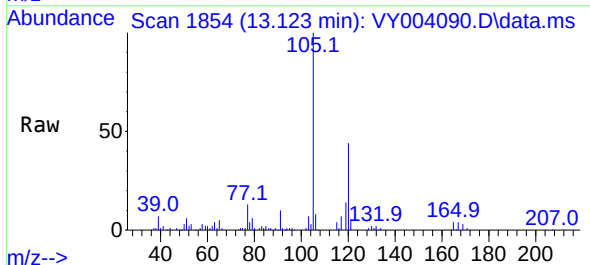
Tgt Ion:119 Resp: 33792
Ion Ratio Lower Upper
119 100
91 62.8 33.0 99.0
134 26.1 12.9 38.7

Manual Integrations
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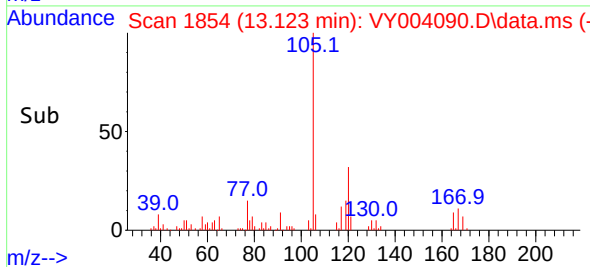
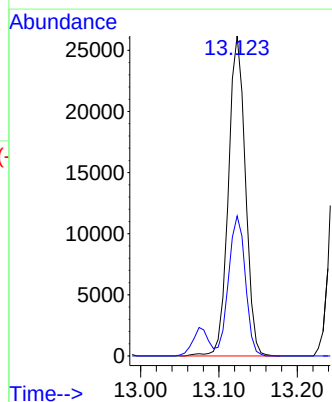
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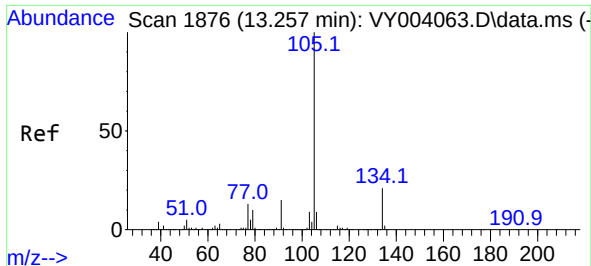


#84
1,2,4-Trimethylbenzene
Concen: 4.12 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY004090.D
Acq: 16 Mar 2021 12:07



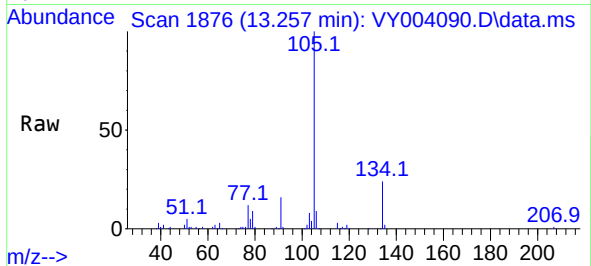
Tgt Ion:105 Resp: 39439
Ion Ratio Lower Upper
105 100
120 43.3 22.1 66.3





#85
 sec-Butylbenzene
 Concen: 3.99 ug/l
 RT: 13.257 min Scan# 1876
 Delta R.T. 0.000 min
 Lab File: VY004090.D
 Acq: 16 Mar 2021 12:07

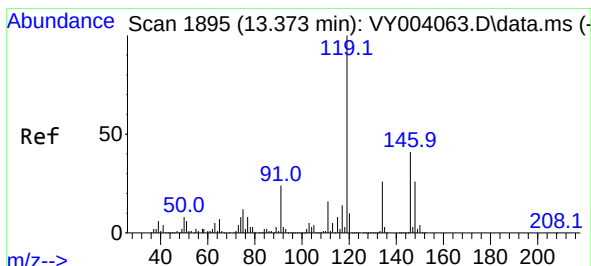
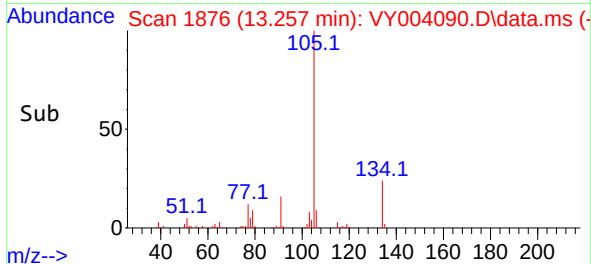
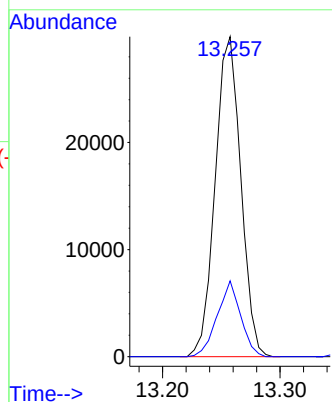
Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2021



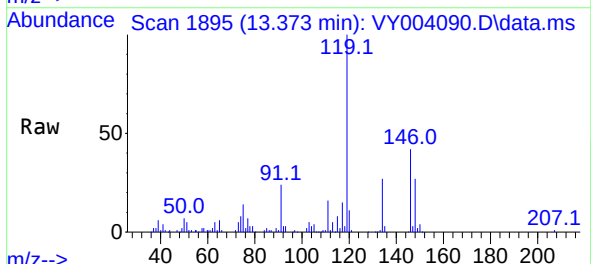
Tgt Ion:105 Resp: 45218
 Ion Ratio Lower Upper
 105 100
 134 21.7 10.2 30.4

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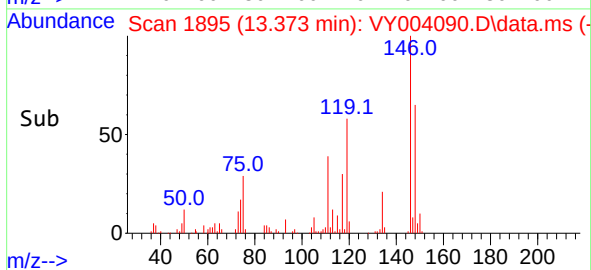
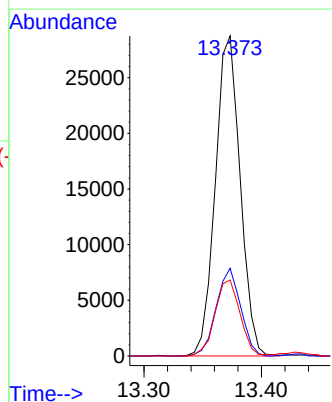
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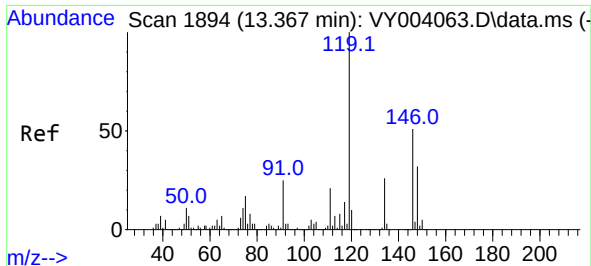


#86
 p-Isopropyltoluene
 Concen: 4.02 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.000 min
 Lab File: VY004090.D
 Acq: 16 Mar 2021 12:07

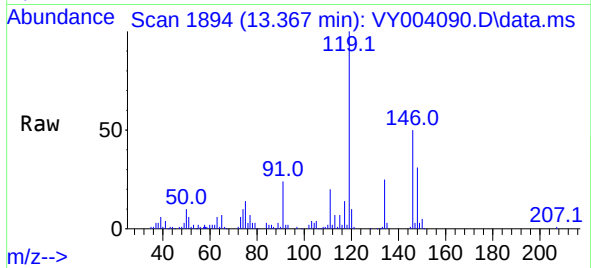


Tgt Ion:119 Resp: 42259
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.2 39.5
 91 24.0 12.1 36.3

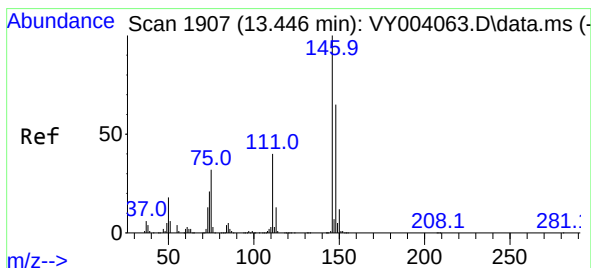
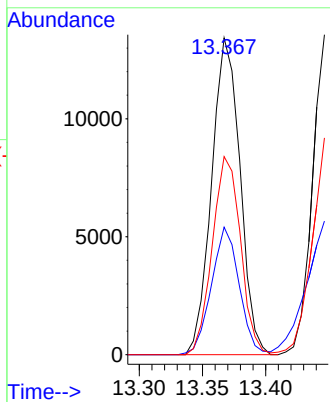
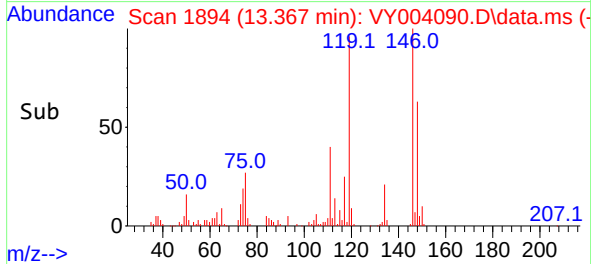




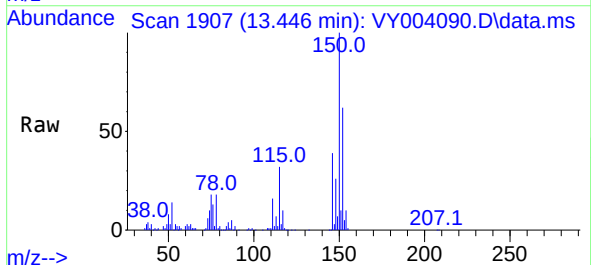
#87
1,3-Dichlorobenzene
Concen: 4.17 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY004090.D
Acq: 16 Mar 2021 12:07



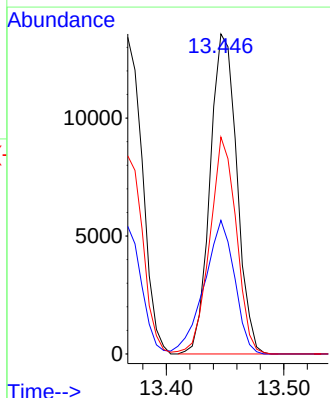
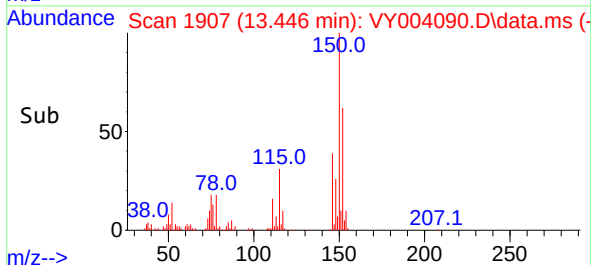
Tgt Ion:	146	Resp:	20937
Ion Ratio	Lower	Upper	
146	100		
111	39.6	18.9	56.7
148	62.3	31.9	95.9



#88
1,4-Dichlorobenzene
Concen: 4.29 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY004090.D
Acq: 16 Mar 2021 12:07



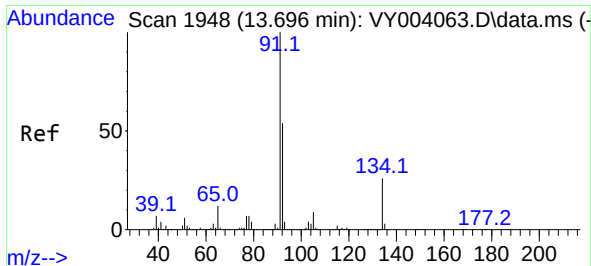
Tgt Ion:	146	Resp:	21517
Ion Ratio	Lower	Upper	
146	100		
111	47.3	18.6	55.8
148	67.3	31.8	95.4



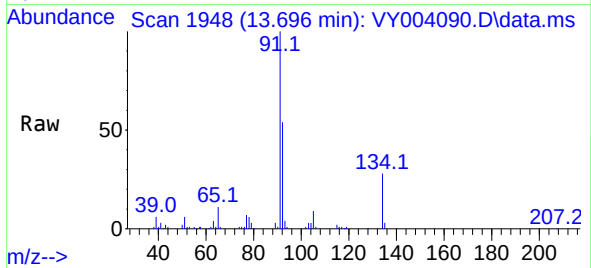
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

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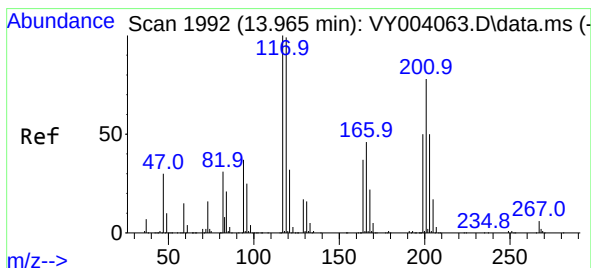
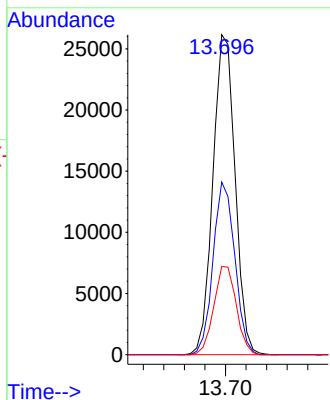
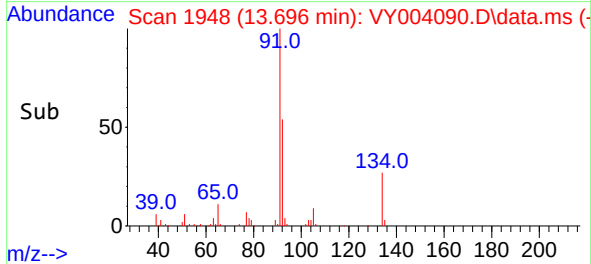
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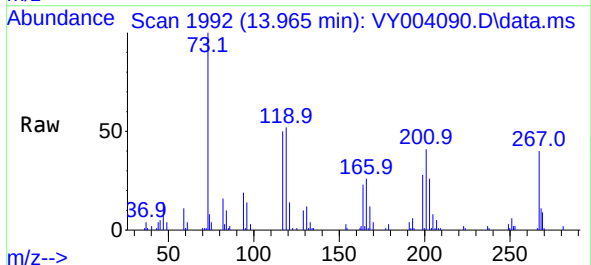
#89
n-Butylbenzene
Concen: 3.91 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY004090.D
Acq: 16 Mar 2021 12:07



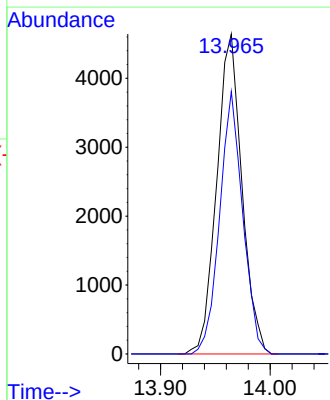
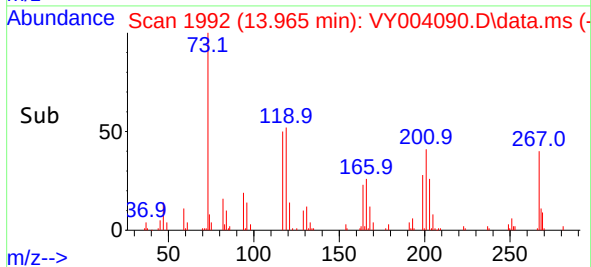
Tgt Ion:	91	Resp:	39099
Ion	Ratio	Lower	Upper
91	100		
92	53.0	26.5	79.4
134	28.0	13.2	39.5



#90
Hexachloroethane
Concen: 3.93 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. -0.000 min
Lab File: VY004090.D
Acq: 16 Mar 2021 12:07



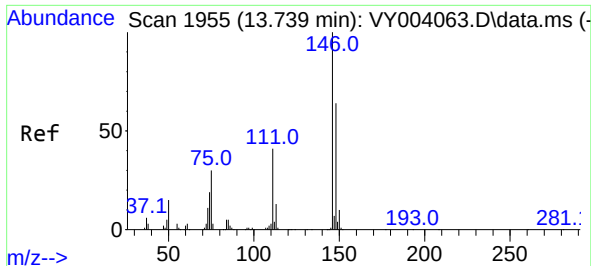
Tgt Ion:	117	Resp:	7423
Ion	Ratio	Lower	Upper
117	100		
201	75.1	46.0	138.0



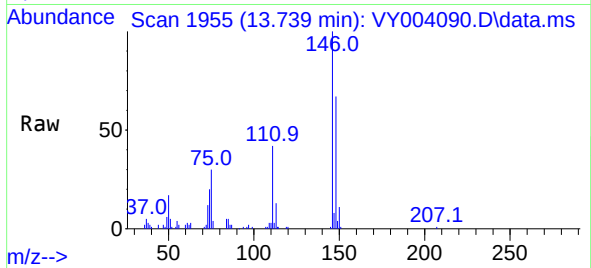
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

Manual Integrations
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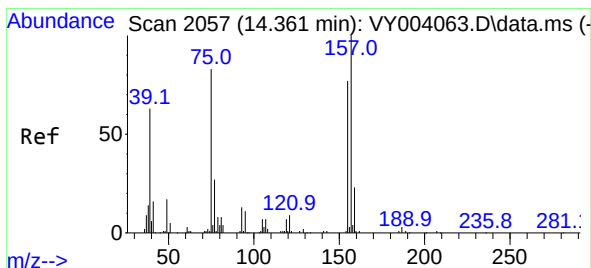
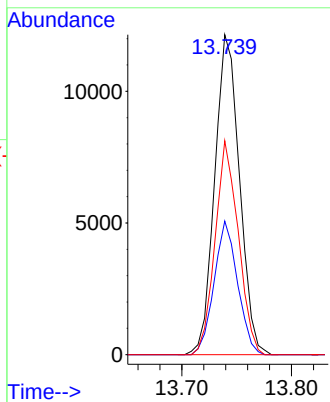
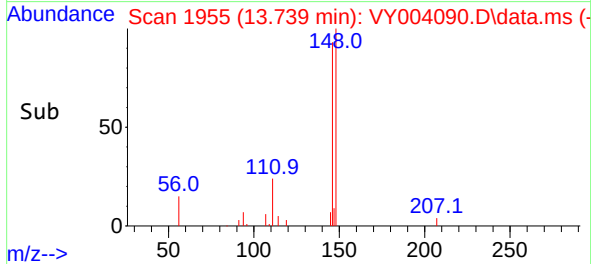
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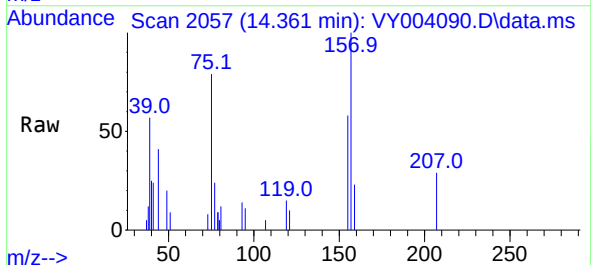
#91
1,2-Dichlorobenzene
Concen: 4.28 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY004090.D
Acq: 16 Mar 2021 12:07



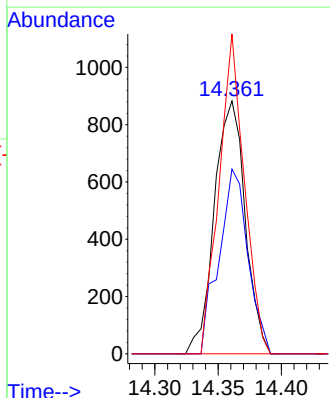
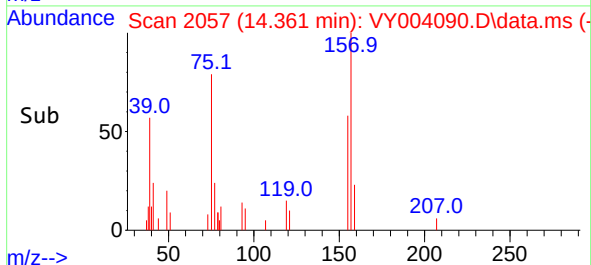
Tgt Ion: 146 Resp: 19070
Ion Ratio Lower Upper
146 100
111 39.7 19.6 58.8
148 62.7 31.9 95.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.04 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VY004090.D
Acq: 16 Mar 2021 12:07



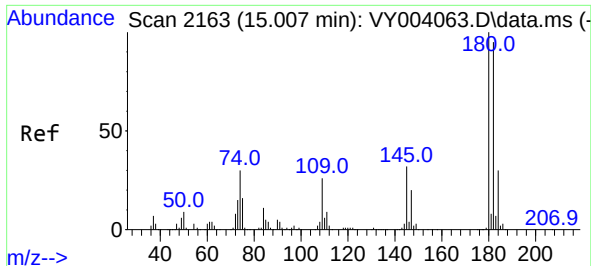
Tgt Ion: 75 Resp: 1493
Ion Ratio Lower Upper
75 100
155 69.0 42.8 128.4
157 104.1 52.4 157.3



Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

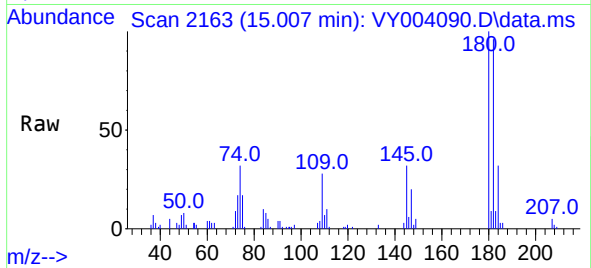
Manual Integrations
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#93
1,2,4-Trichlorobenzene
Concen: 4.15 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY004090.D
Acq: 16 Mar 2021 12:07

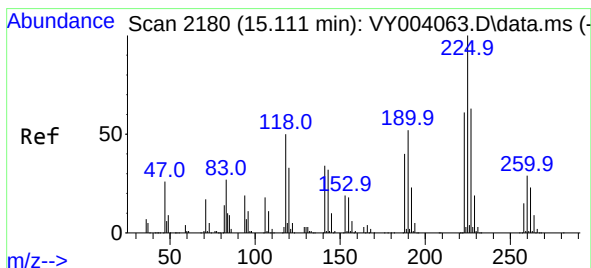
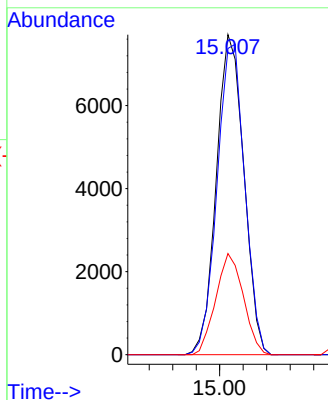
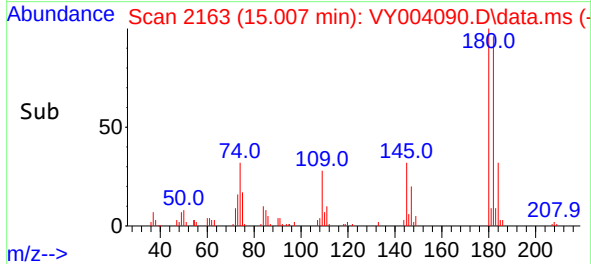
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



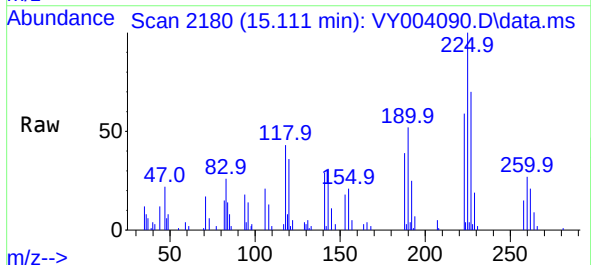
Tgt Ion:180 Resp: 12534
Ion Ratio Lower Upper
180 100
182 97.4 48.0 144.0
145 31.8 14.1 42.2

Manual Integrations
APPROVED

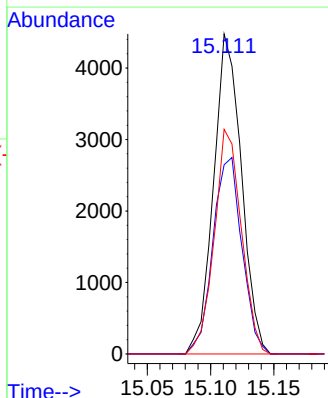
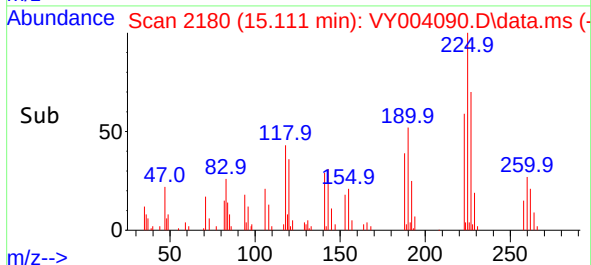
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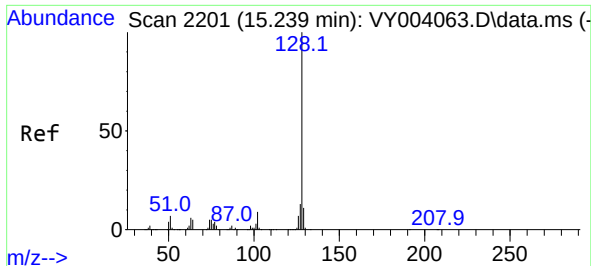


#94
Hexachlorobutadiene
Concen: 4.04 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY004090.D
Acq: 16 Mar 2021 12:07



Tgt Ion:225 Resp: 6842
Ion Ratio Lower Upper
225 100
223 64.2 31.5 94.5
227 68.5 32.1 96.3





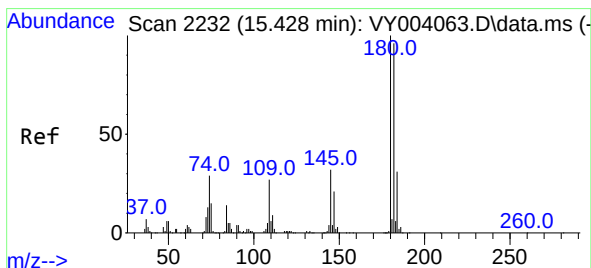
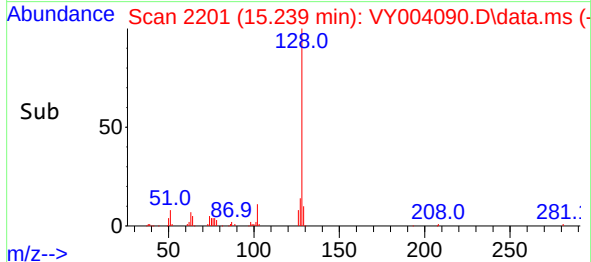
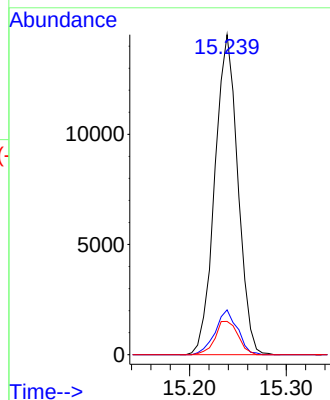
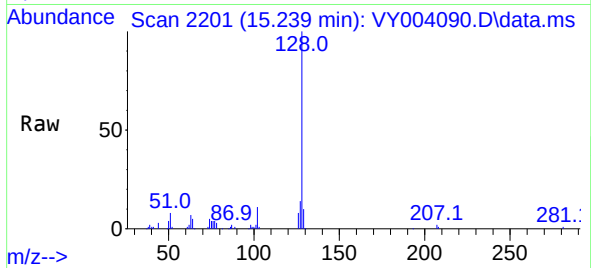
#95
Naphthalene
Concen: 4.02 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY004090.D
Acq: 16 Mar 2021 12:07

Tgt Ion:	128	Resp:	24026
Ion Ratio	Lower	Upper	
128	100		
127	13.5	10.6	16.0
129	10.4	8.7	13.1

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

Manual Integrations
APPROVED

MMDadoda
3/17/2021 11:46:22 AM



#96
1,2,3-Trichlorobenzene
Concen: 4.43 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY004090.D
Acq: 16 Mar 2021 12:07

Tgt Ion:	180	Resp:	11238
Ion Ratio	Lower	Upper	
180	100		
182	94.3	47.6	142.8
145	33.2	15.3	45.9

