

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022221\
 Data File : VY004041.D
 Acq On : 22 Feb 2021 17:45
 Operator : SY/MD
 Sample : M1458-02 5PPBLOQ
 Misc : 5.00g/5mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LOQ-SOIL-02-QT1-2021

Manual Integrations
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Quant Time: Feb 23 04:16:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 23 04:14:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	63296	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	97864	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	89387	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	46295	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	39657	56.15	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.30%			
35) Dibromofluoromethane	7.722	113	30994	52.53	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.06%			
50) Toluene-d8	10.179	98	125950	53.24	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.48%			
62) 4-Bromofluorobenzene	12.477	95	44022	52.67	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 105.34%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	3394	5.65	ug/l	100
3) Chloromethane	2.113	50	5570	6.21	ug/l	95
4) Vinyl Chloride	2.253	62	5327	6.12	ug/l	98
5) Bromomethane	2.650	94	3619	6.20	ug/l	92
6) Chloroethane	2.790	64	3124	5.94	ug/l	98
7) Trichlorofluoromethane	3.131	101	5753	5.29	ug/l	91
8) Diethyl Ether	3.527	74	1864	5.35	ug/l	64
9) 1,1,2-Trichlorotrifluo...	3.899	101	3017	5.18	ug/l	96
10) Methyl Iodide	4.094	142	3256	4.45	ug/l	97
11) Tert butyl alcohol	4.960	59	2038m	19.45	ug/l	
12) 1,1-Dichloroethene	3.881	96	3012	5.15	ug/l	92
13) Acrolein	3.735	56	1755	24.98	ug/l	100
14) Allyl chloride	4.485	41	6204	5.60	ug/l	100
15) Acrylonitrile	5.161	53	4887	26.62	ug/l	99
16) Acetone	3.954	43	4186	23.45	ug/l	96
17) Carbon Disulfide	4.198	76	10143	5.37	ug/l	99
18) Methyl Acetate	4.491	43	2432	5.80	ug/l	94
19) Methyl tert-butyl Ether	5.222	73	9130	5.32	ug/l	92
20) Methylene Chloride	4.716	84	7295	10.11	ug/l	96
21) trans-1,2-Dichloroethene	5.228	96	3600	5.48	ug/l	92
22) Diisopropyl ether	6.125	45	11840	5.44	ug/l #	96
23) Vinyl Acetate	6.064	43	38896	26.38	ug/l	99
24) 1,1-Dichloroethane	6.021	63	6307	5.42	ug/l	97
25) 2-Butanone	6.990	43	6453	25.37	ug/l	95
26) 2,2-Dichloropropane	6.984	77	5452	5.06	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	3921	5.43	ug/l	99
28) Bromochloromethane	7.338	49	2596	5.05	ug/l #	99
29) Tetrahydrofuran	7.344	42	4338	26.42	ug/l	97
30) Chloroform	7.502	83	6566	5.56	ug/l	95
31) Cyclohexane	7.789	56	7166	6.05	ug/l #	88
32) 1,1,1-Trichloroethane	7.704	97	6063	5.59	ug/l	98
36) 1,1-Dichloropropene	7.923	75	4956	5.06	ug/l	98
37) Ethyl Acetate	7.076	43	3064	5.29	ug/l	98
38) Carbon Tetrachloride	7.899	117	5306	5.24	ug/l	95
39) Methylcyclohexane	9.185	83	5929	5.01	ug/l	98
40) Benzene	8.161	78	14420	5.30	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	1860m	6.07	ug/l	
42) 1,2-Dichloroethane	8.234	62	5044	5.64	ug/l	100
43) Isopropyl Acetate	8.277	43	5414	4.96	ug/l	97
44) Trichloroethene	8.941	130	3994	5.31	ug/l	93
45) 1,2-Dichloropropane	9.215	63	3677	5.51	ug/l	99
46) Dibromomethane	9.307	93	1900	5.09	ug/l	98
47) Bromodichloromethane	9.496	83	5137	5.38	ug/l	98
48) Methyl methacrylate	9.289	41	2790	5.22	ug/l	94
49) 1,4-Dioxane	9.295	88	416	92.48	ug/l #	94
51) 4-Methyl-2-Pentanone	10.069	43	13648	24.20	ug/l	100
52) Toluene	10.240	92	8927	5.25	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	5339	5.20	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	5917	5.15	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	2764	5.23	ug/l	95
56) Ethyl methacrylate	10.508	69	3776	5.00	ug/l	97
57) 1,3-Dichloropropane	10.788	76	4986	5.33	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	9470	27.65	ug/l	98
59) 2-Hexanone	10.831	43	9569	24.08	ug/l	97
60) Dibromochloromethane	10.983	129	3419	5.12	ug/l	98
61) 1,2-Dibromoethane	11.087	107	2611	5.04	ug/l	100
64) Tetrachloroethene	10.715	164	4349	5.28	ug/l	94
65) Chlorobenzene	11.514	112	9203	5.11	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	3409	4.96	ug/l	99
67) Ethyl Benzene	11.593	91	16999	5.03	ug/l	99
68) m/p-Xylenes	11.703	106	12858	10.32	ug/l	98
69) o-Xylene	12.026	106	5953	5.08	ug/l	98
70) Styrene	12.044	104	9948	4.95	ug/l	98
71) Bromoform	12.203	173	2175	4.94	ug/l #	94
73) Isopropylbenzene	12.325	105	16488	5.02	ug/l	100
74) N-amyl acetate	12.142	43	4869	4.90	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	3121	5.22	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	2399m	5.16	ug/l	
77) Bromobenzene	12.605	156	4132	5.11	ug/l	98
78) n-propylbenzene	12.666	91	19954	5.07	ug/l	99
79) 2-Chlorotoluene	12.751	91	11550	5.17	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	14155	5.05	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.373	75	1156	4.62	ug/l	90
82) 4-Chlorotoluene	12.849	91	12204	5.21	ug/l	99
83) tert-Butylbenzene	13.075	119	11886	4.95	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	13953	4.97	ug/l	100
85) sec-Butylbenzene	13.251	105	16787	5.10	ug/l	99
86) p-Isopropyltoluene	13.367	119	14883	4.86	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	7992	5.19	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	8162	5.33	ug/l	95
89) n-Butylbenzene	13.696	91	13768	4.84	ug/l	99
90) Hexachloroethane	13.959	117	2778	5.09	ug/l	99
91) 1,2-Dichlorobenzene	13.733	146	6908	5.07	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	634	5.53	ug/l	92
93) 1,2,4-Trichlorobenzene	15.001	180	4808	4.91	ug/l	95
94) Hexachlorobutadiene	15.111	225	3179	5.14	ug/l	95
95) Naphthalene	15.233	128	8646	4.84	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	4377	5.24	ug/l	97

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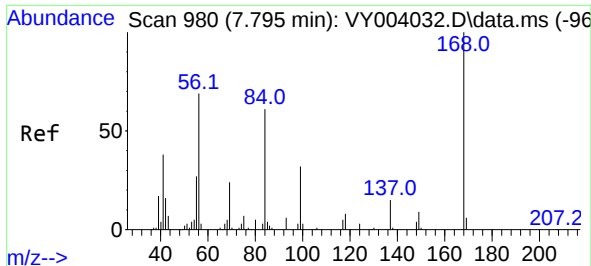
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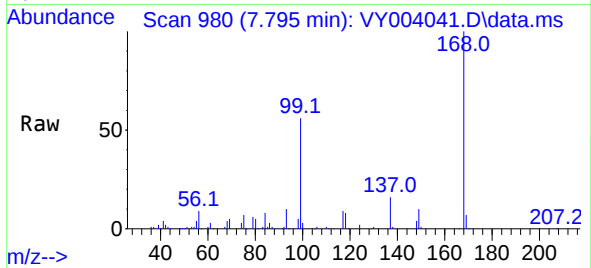
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 Response via : Initial Calibration

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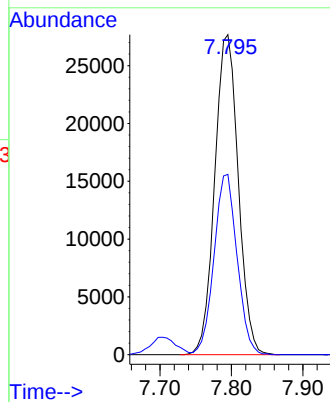
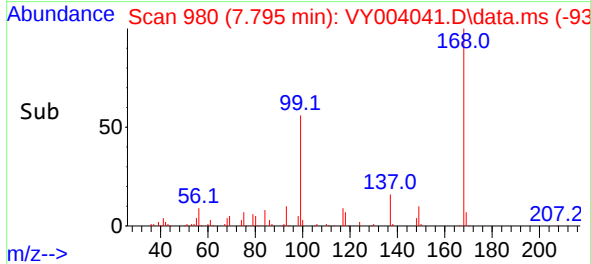
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY004041.D
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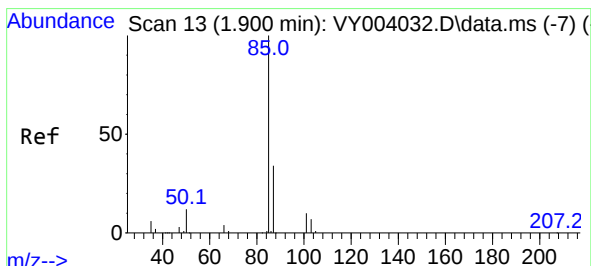
Tgt Ion: 168 Resp: 63296
Ion Ratio Lower Upper
168 100
99 56.4 41.2 61.8



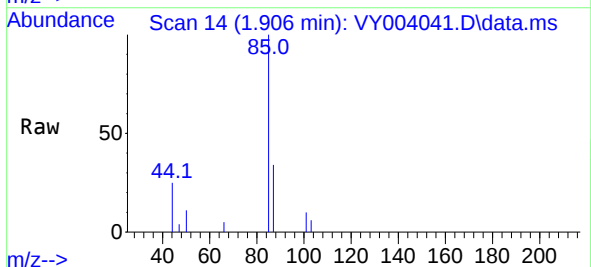
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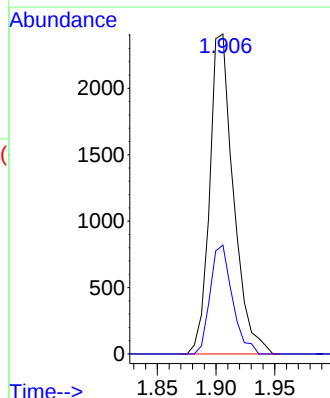
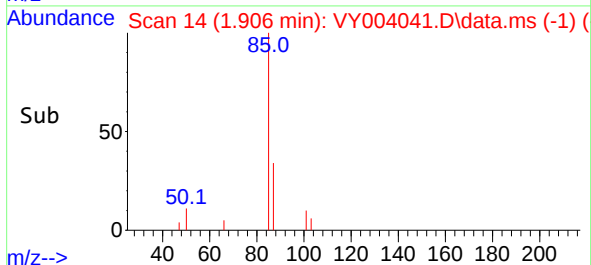
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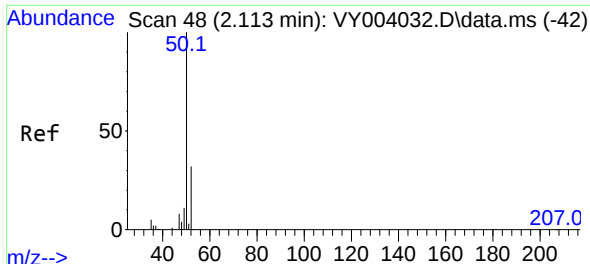


#2
Dichlorodifluoromethane
Concen: 5.65 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY004041.D
Acq: 22 Feb 2021 17:45



Tgt Ion: 85 Resp: 3394
Ion Ratio Lower Upper
85 100
87 34.0 17.0 51.0





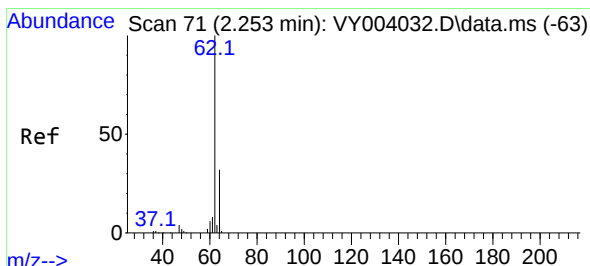
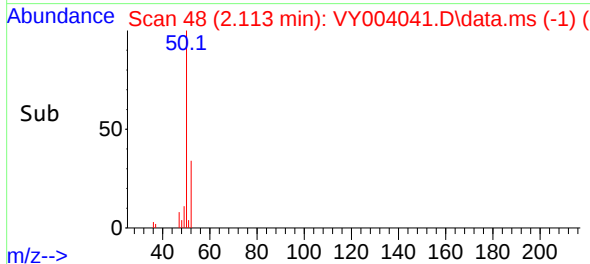
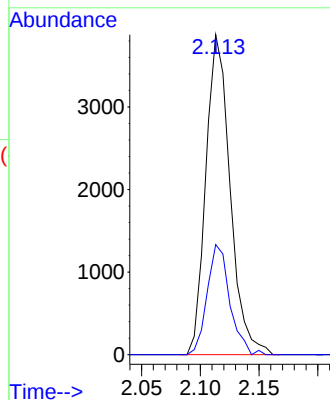
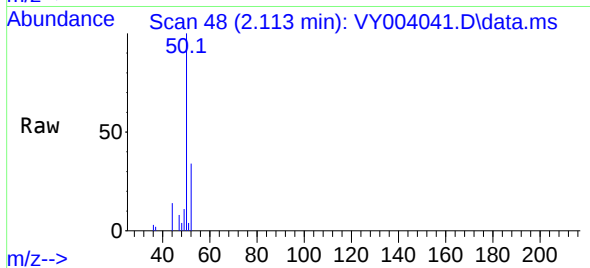
#3
Chloromethane
Concen: 6.21 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY004041.D
Acq: 22 Feb 2021 17:45

Tgt Ion: 50 Resp: 5570
Ion Ratio Lower Upper
50 100
52 34.4 25.4 38.2

Instrument :
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ClientSampleId :
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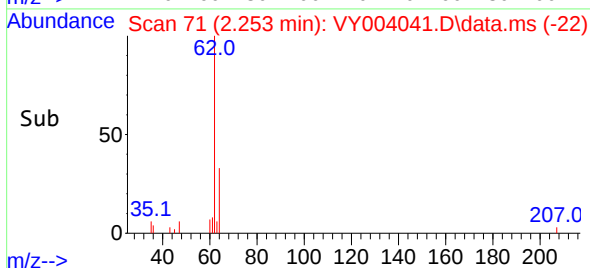
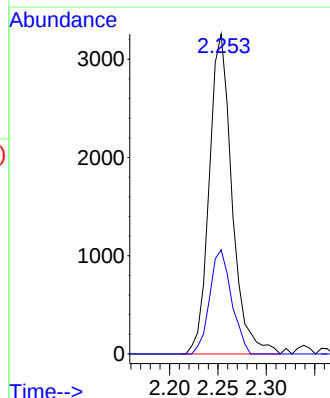
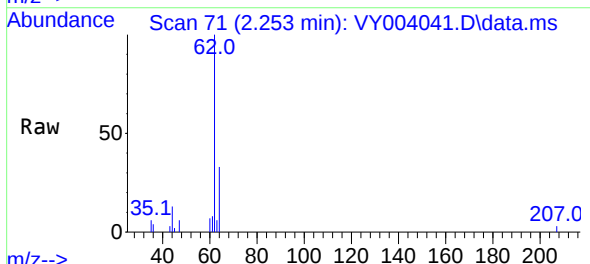
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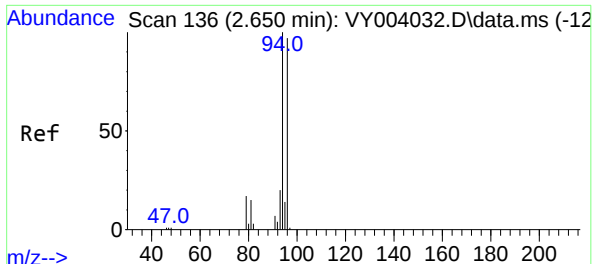
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#4
Vinyl Chloride
Concen: 6.12 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY004041.D
Acq: 22 Feb 2021 17:45

Tgt Ion: 62 Resp: 5327
Ion Ratio Lower Upper
62 100
64 32.6 25.3 37.9





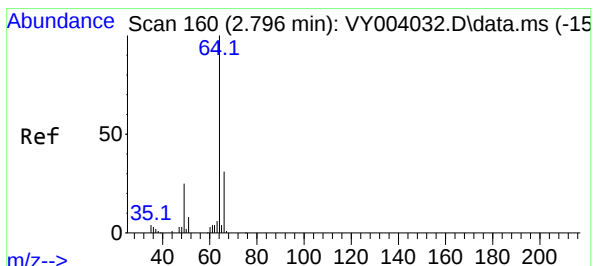
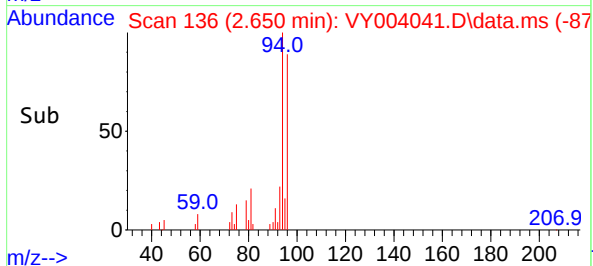
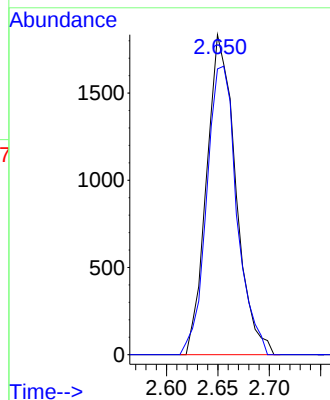
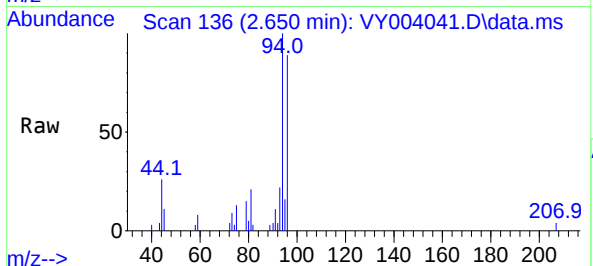
#5
Bromomethane
Concen: 6.20 ug/l
RT: 2.650 min Scan# 136
Delta R.T. 0.000 min
Lab File: VY004041.D
Acq: 22 Feb 2021 17:45

Tgt Ion: 94 Resp: 3619
Ion Ratio Lower Upper
94 100
96 89.3 77.4 116.2

Instrument :
MSVOA_Y
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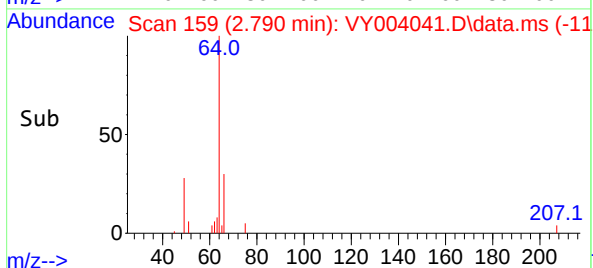
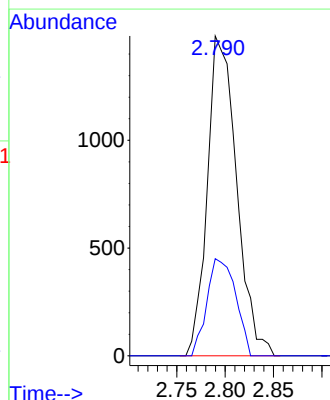
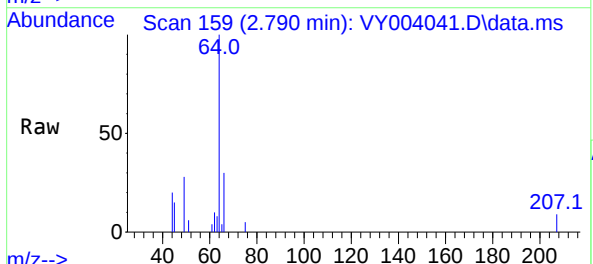
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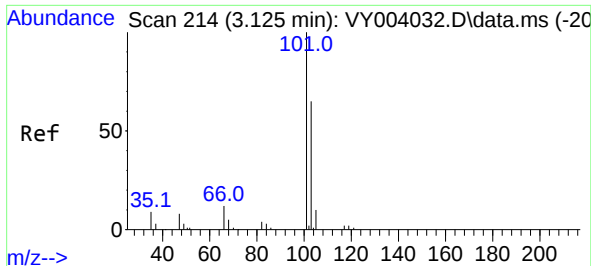
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#6
Chloroethane
Concen: 5.94 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY004041.D
Acq: 22 Feb 2021 17:45

Tgt Ion: 64 Resp: 3124
Ion Ratio Lower Upper
64 100
66 30.4 25.0 37.6





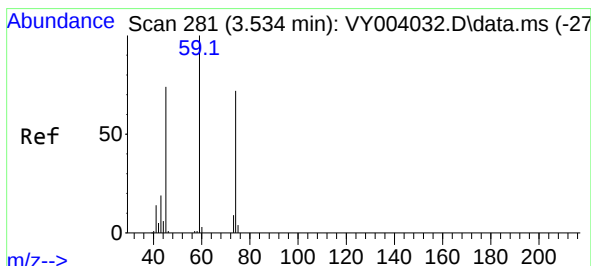
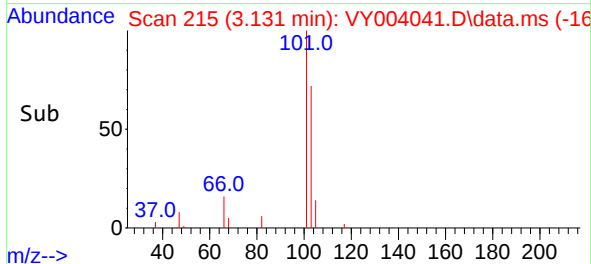
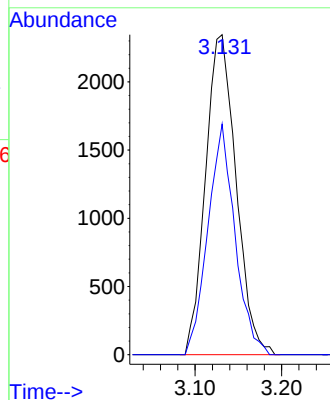
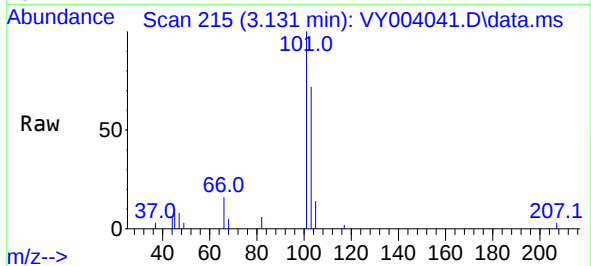
#7
Trichlorofluoromethane
Concen: 5.29 ug/l
RT: 3.131 min Scan# 215
Delta R.T. 0.006 min
Lab File: VY004041.D
Acq: 22 Feb 2021 17:45

Tgt Ion: 101 Resp: 5753
Ion Ratio Lower Upper
101 100
103 72.1 52.2 78.2

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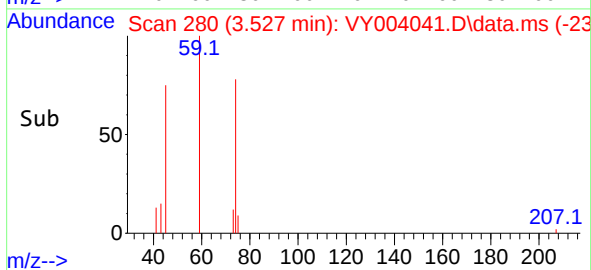
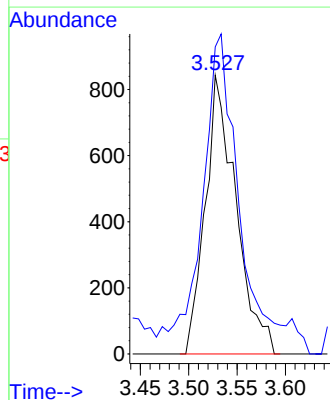
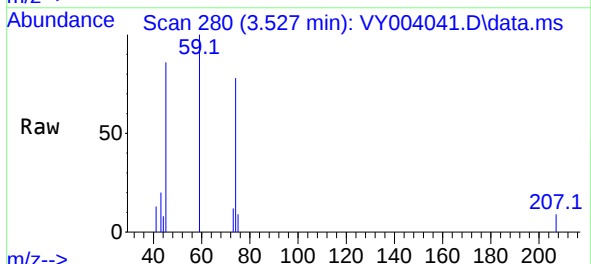
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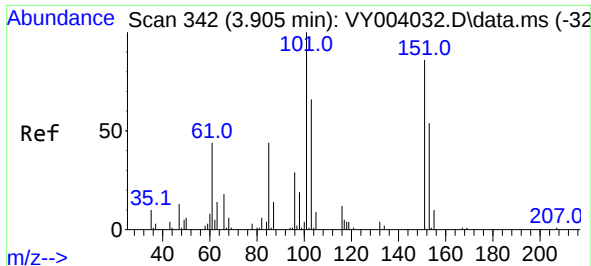
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#8
Diethyl Ether
Concen: 5.35 ug/l
RT: 3.527 min Scan# 280
Delta R.T. -0.006 min
Lab File: VY004041.D
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Tgt Ion: 74 Resp: 1864
Ion Ratio Lower Upper
74 100
45 142.4 52.6 157.8





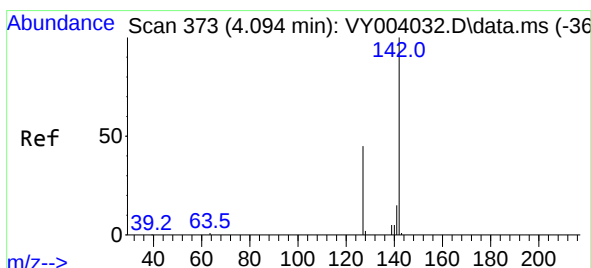
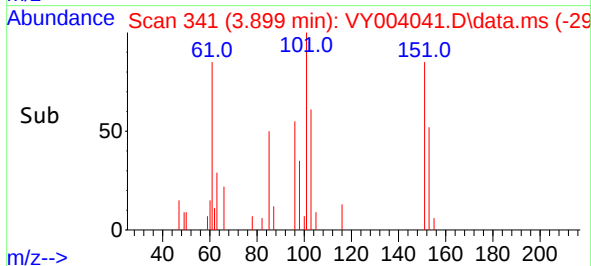
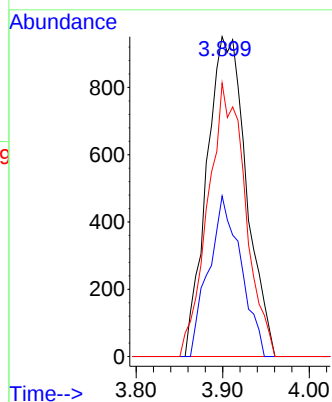
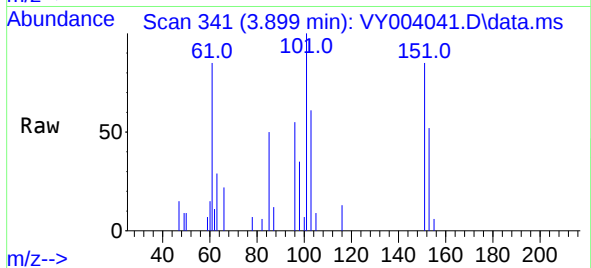
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1,1,2-Trichlorotrifluoroethane
Concen: 5.18 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY004041.D
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Tgt Ion:	101	Resp:	3017
Ion	Ratio	Lower	Upper
101	100		
85	40.8	36.1	54.1
151	80.5	66.9	100.3

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2021

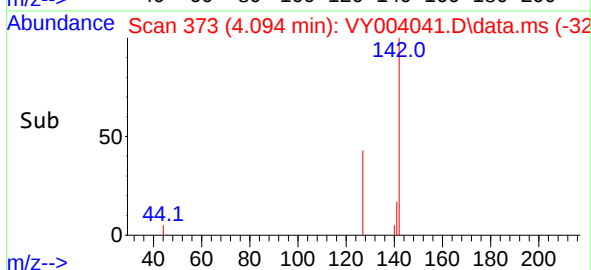
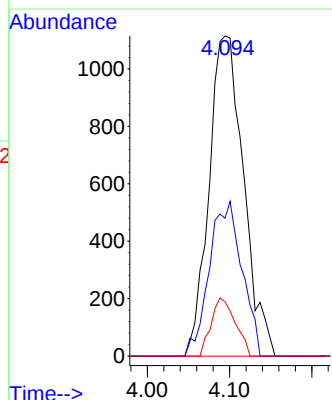
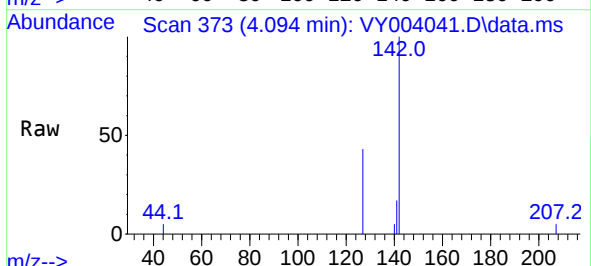
Manual Integrations
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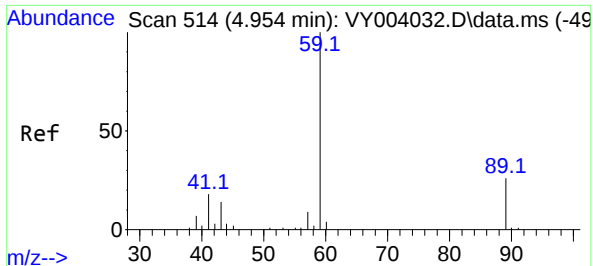
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#10
Methyl Iodide
Concen: 4.45 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.000 min
Lab File: VY004041.D
Acq: 22 Feb 2021 17:45

Tgt Ion:	142	Resp:	3256
Ion	Ratio	Lower	Upper
142	100		
127	45.6	35.4	53.0
141	12.7	11.5	17.3





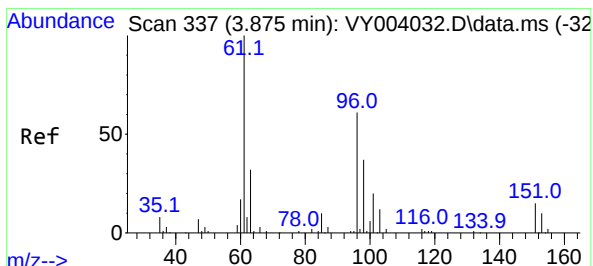
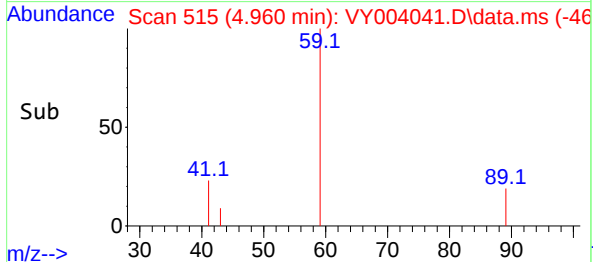
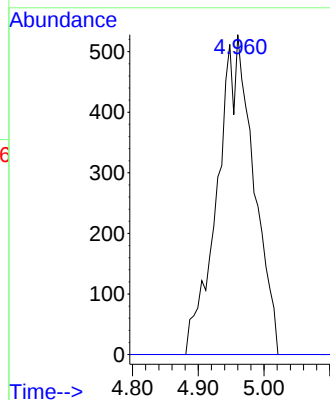
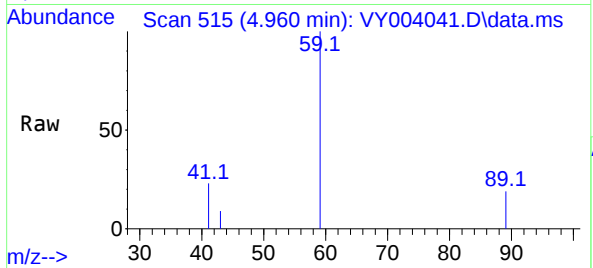
#11
Tert butyl alcohol
Concen: 19.45 ug/l m
RT: 4.960 min Scan# 515
Delta R.T. 0.006 min
Lab File: VY004041.D
Acq: 22 Feb 2021 17:45

Tgt Ion: 59 Resp: 2038
Ion Ratio Lower Upper
59 100
57 0.0 6.9 10.3#

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2021

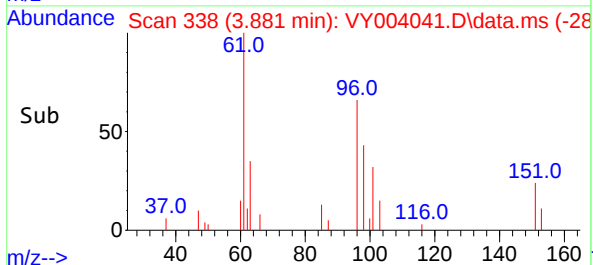
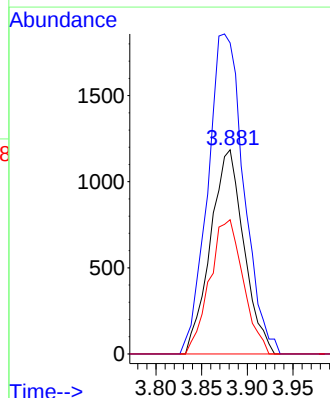
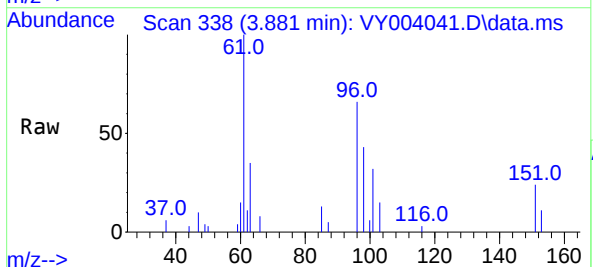
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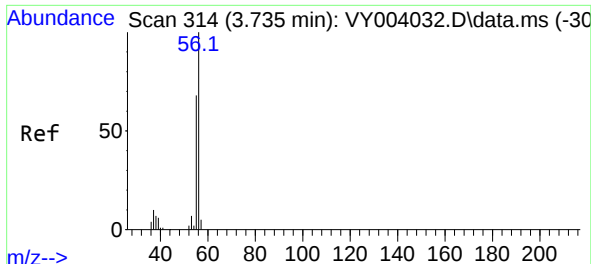
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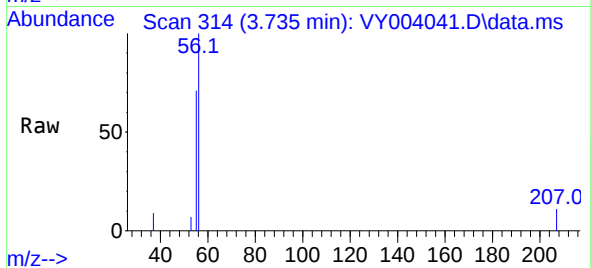
#12
1,1-Dichloroethene
Concen: 5.15 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.006 min
Lab File: VY004041.D
Acq: 22 Feb 2021 17:45

Tgt Ion: 96 Resp: 3012
Ion Ratio Lower Upper
96 100
61 152.4 130.7 196.1
98 65.7 48.9 73.3

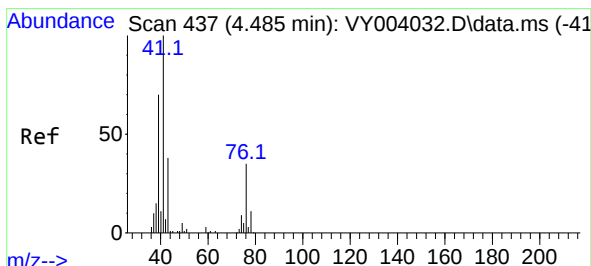
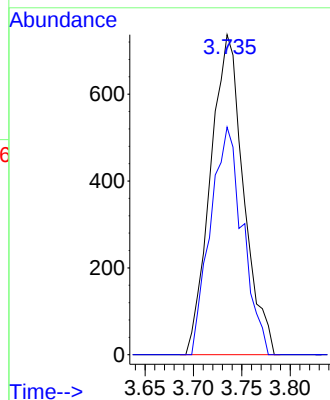
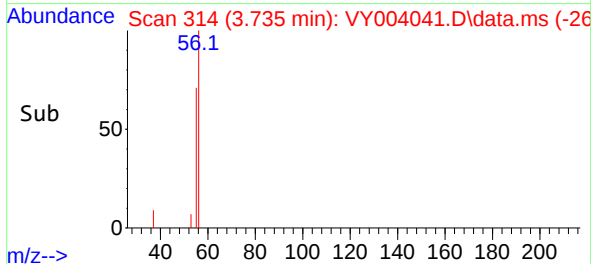




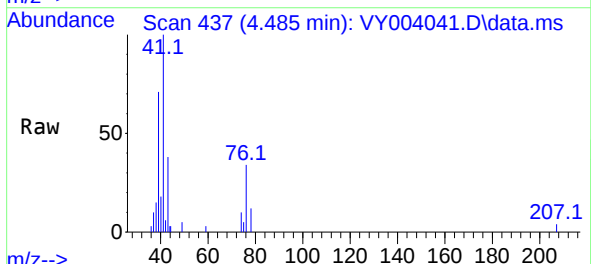
#13
Acrolein
Concen: 24.98 ug/l
RT: 3.735 min Scan# 314
Delta R.T. 0.000 min
Lab File: VY004041.D
Acq: 22 Feb 2021 17:45



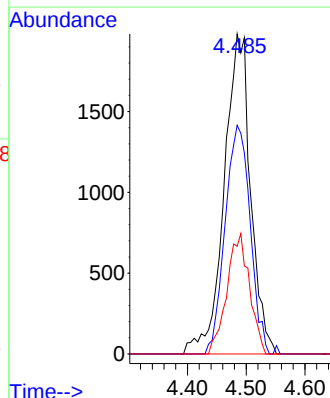
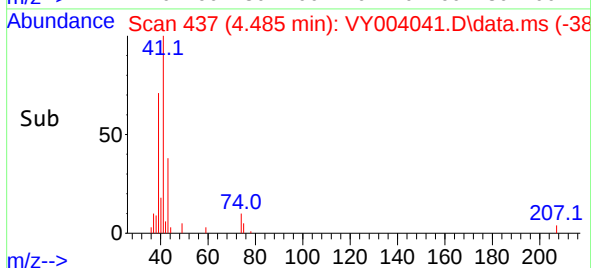
Tgt Ion: 56 Resp: 1755
Ion Ratio Lower Upper
56 100
55 69.3 55.4 83.0



#14
Allyl chloride
Concen: 5.60 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY004041.D
Acq: 22 Feb 2021 17:45



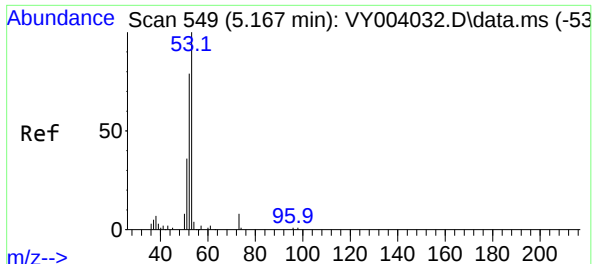
Tgt Ion: 41 Resp: 6204
Ion Ratio Lower Upper
41 100
39 67.4 54.0 81.0
76 32.1 26.1 39.1



Instrument :
MSVOA_Y
ClientSampleId :
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#15

Acrylonitrile

Concen: 26.62 ug/l

RT: 5.161 min Scan# 548

Delta R.T. -0.006 min

Lab File: VY004041.D

Acq: 22 Feb 2021 17:45

Tgt Ion:	53	Resp:	4887
Ion	Ratio	Lower	Upper
53	100		
52	83.9	66.2	99.4
51	37.3	29.5	44.3

Instrument :

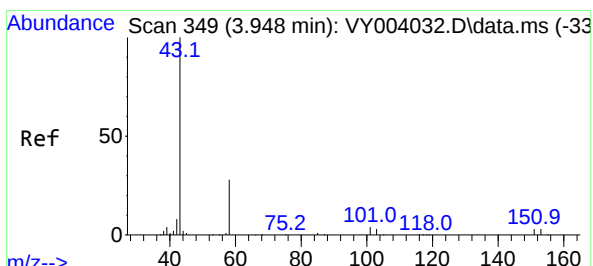
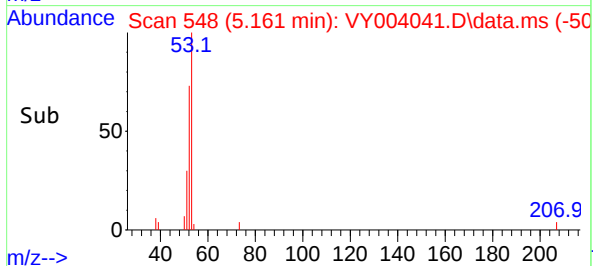
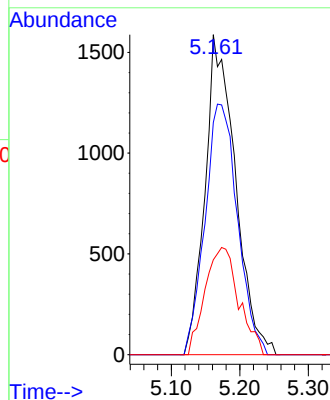
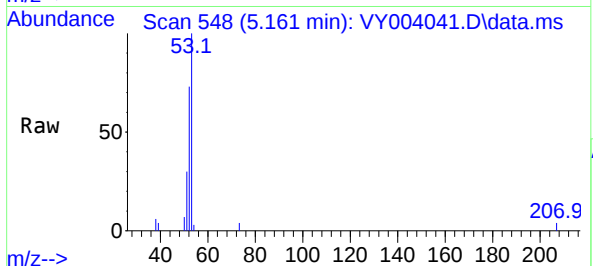
MSVOA_Y

ClientSampleId :

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#16

Acetone

Concen: 23.45 ug/l

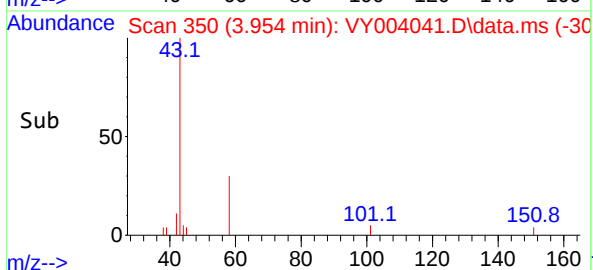
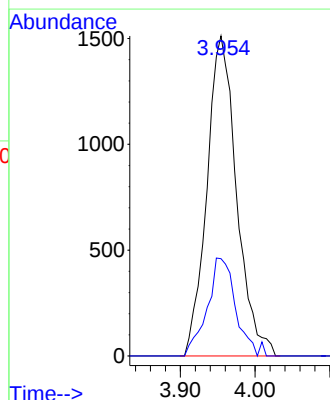
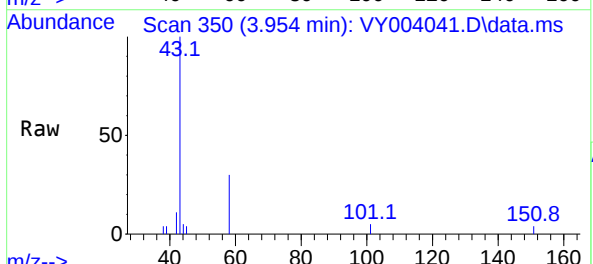
RT: 3.954 min Scan# 350

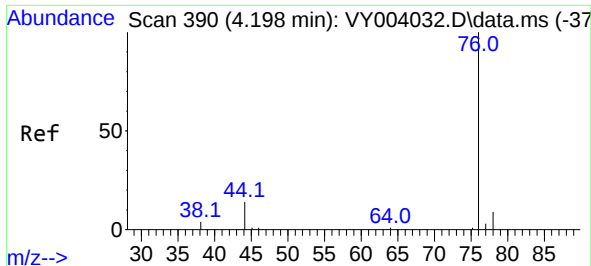
Delta R.T. 0.006 min

Lab File: VY004041.D

Acq: 22 Feb 2021 17:45

Tgt Ion:	43	Resp:	4186
Ion	Ratio	Lower	Upper
43	100		
58	30.4	22.6	34.0





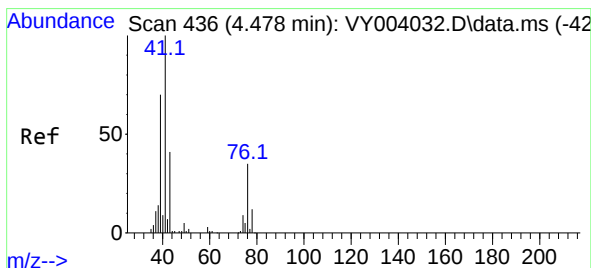
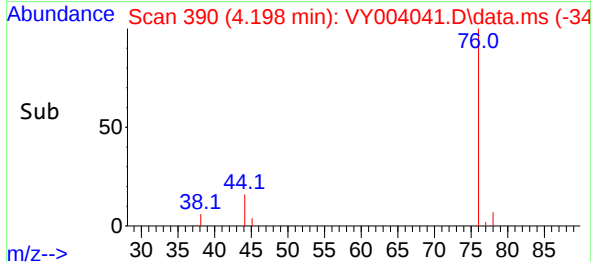
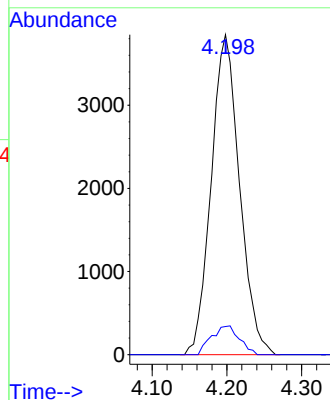
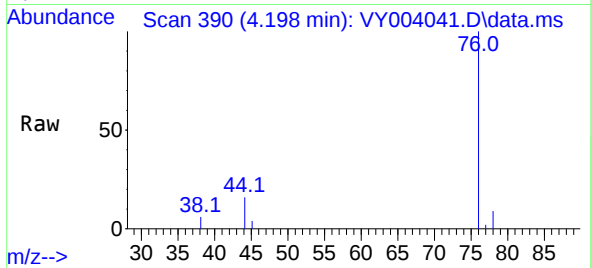
#17
Carbon Disulfide
Concen: 5.37 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY004041.D
Acq: 22 Feb 2021 17:45

Tgt Ion: 76 Resp: 10143
Ion Ratio Lower Upper
76 100
78 8.8 6.8 10.2

Instrument :
MSVOA_Y
ClientSampleId :
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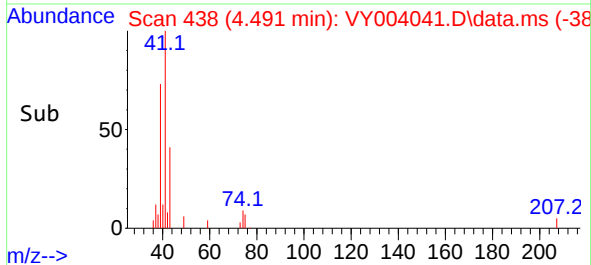
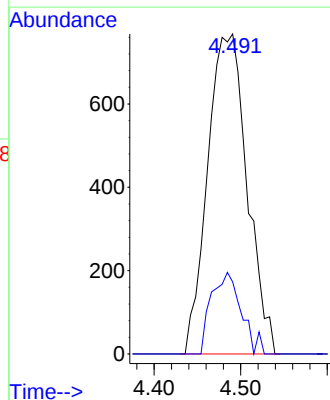
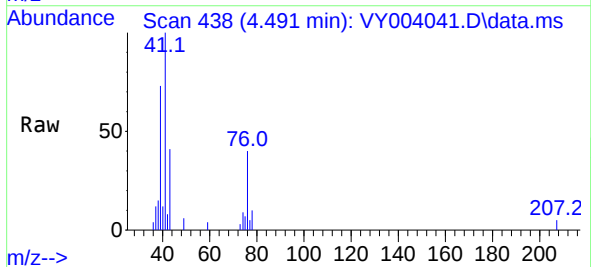
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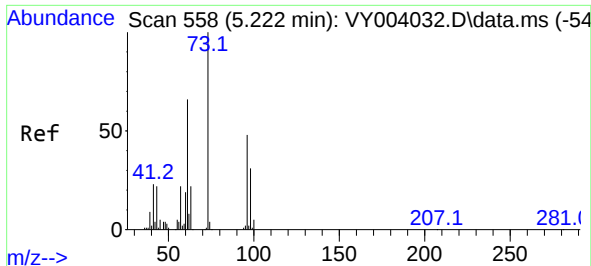
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#18
Methyl Acetate
Concen: 5.80 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.012 min
Lab File: VY004041.D
Acq: 22 Feb 2021 17:45

Tgt Ion: 43 Resp: 2432
Ion Ratio Lower Upper
43 100
74 19.3 17.6 26.4





#19

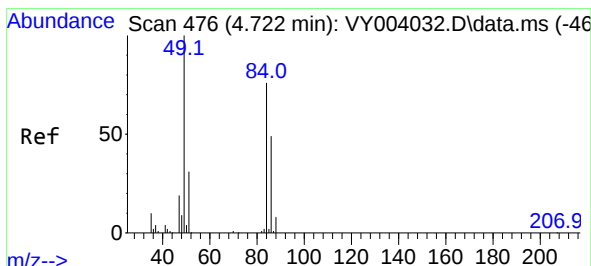
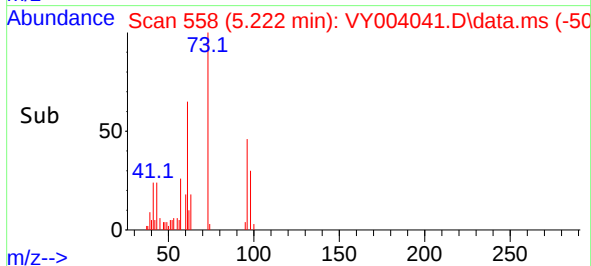
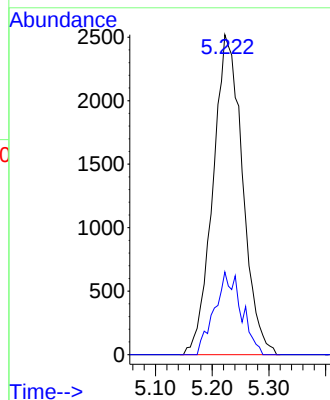
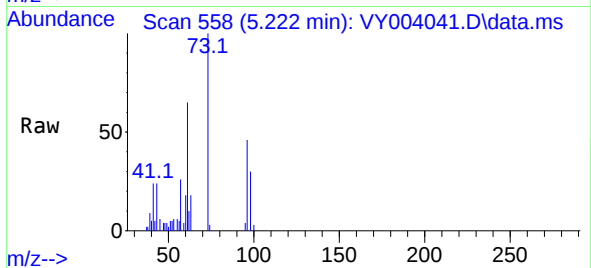
Methyl tert-butyl Ether
Concen: 5.32 ug/l
RT: 5.222 min Scan# 558
Delta R.T. 0.000 min
Lab File: VY004041.D
Acq: 22 Feb 2021 17:45

Tgt Ion: 73 Resp: 9130
Ion Ratio Lower Upper
73 100
57 25.8 17.5 26.3

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2021

Manual Integrations
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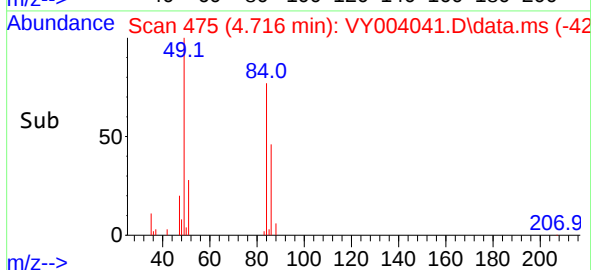
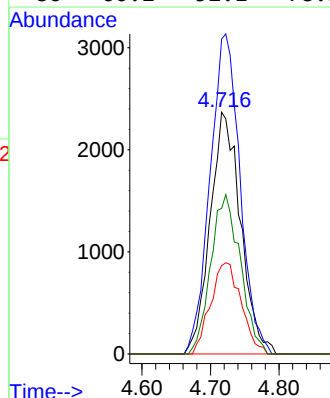
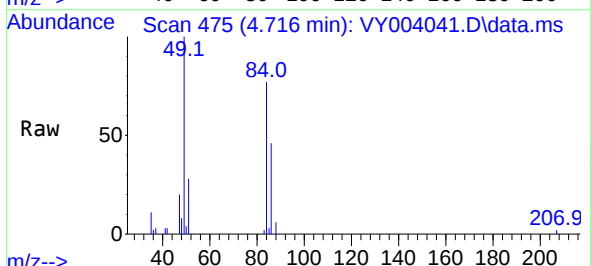
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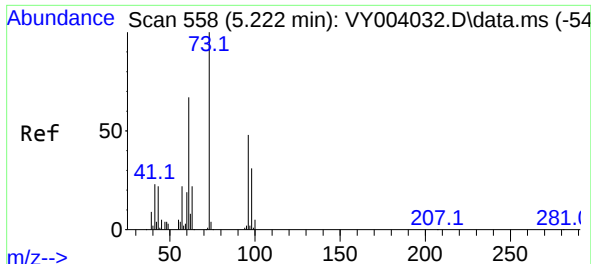


#20

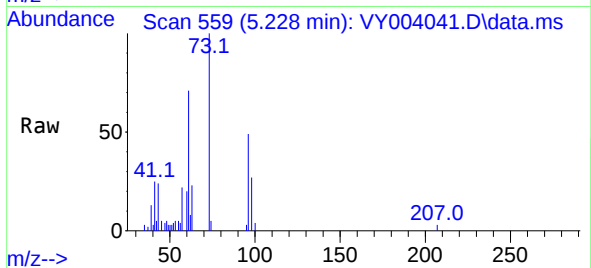
Methylene Chloride
Concen: 10.11 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY004041.D
Acq: 22 Feb 2021 17:45

Tgt Ion: 84 Resp: 7295
Ion Ratio Lower Upper
84 100
49 130.3 105.8 158.6
51 36.5 32.6 48.8
86 60.2 52.1 78.1

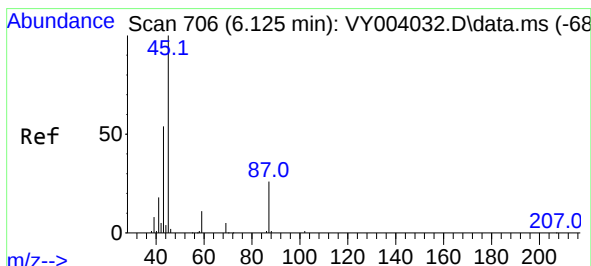
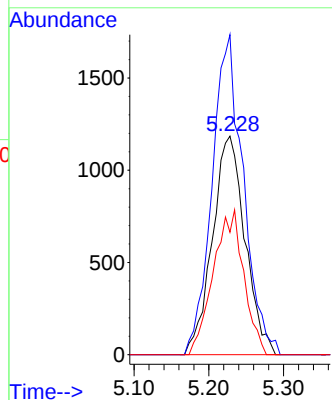
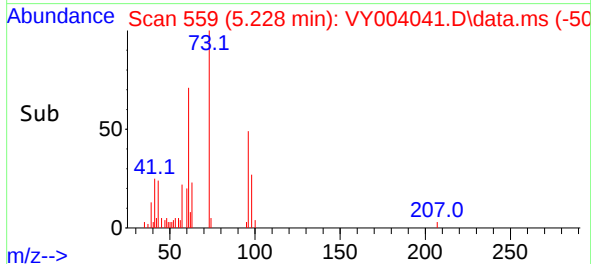




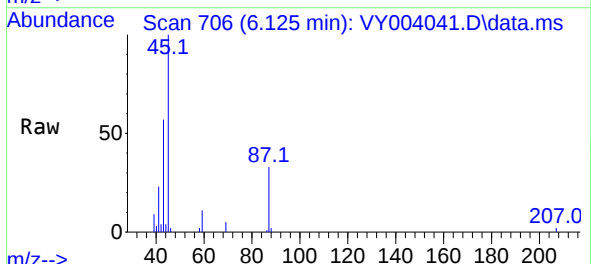
#21
trans-1,2-Dichloroethene
Concen: 5.48 ug/l
RT: 5.228 min Scan# 559
Delta R.T. 0.006 min
Lab File: VY004041.D
Acq: 22 Feb 2021 17:45



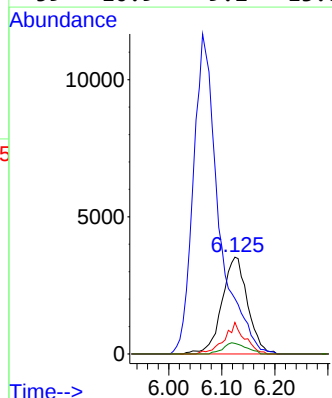
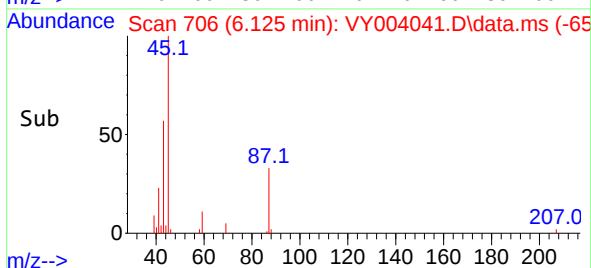
Tgt Ion: 96 Resp: 3600
Ion Ratio Lower Upper
96 100
61 146.4 110.8 166.2
98 56.0 51.0 76.6



#22
Diisopropyl ether
Concen: 5.44 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY004041.D
Acq: 22 Feb 2021 17:45



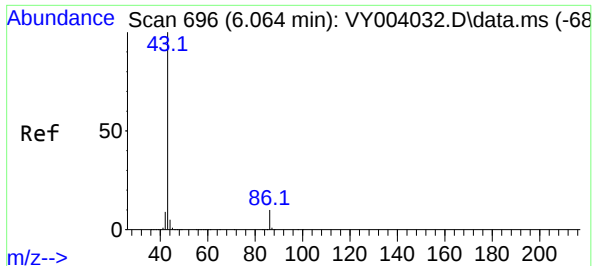
Tgt Ion: 45 Resp: 11840
Ion Ratio Lower Upper
45 100
43 57.1 45.1 67.7
87 32.6 21.0 31.4#
59 10.9 9.2 13.8



Instrument :
MSVOA_Y
ClientSampleId :
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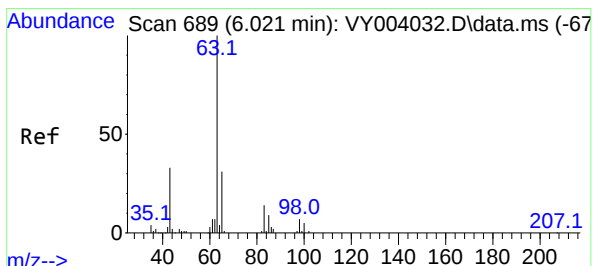
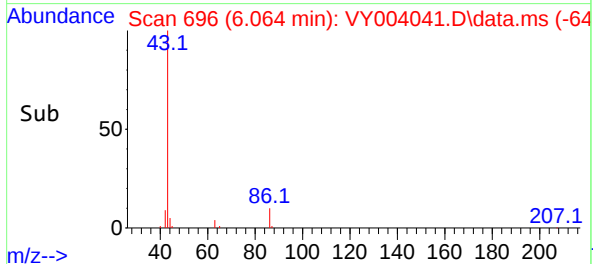
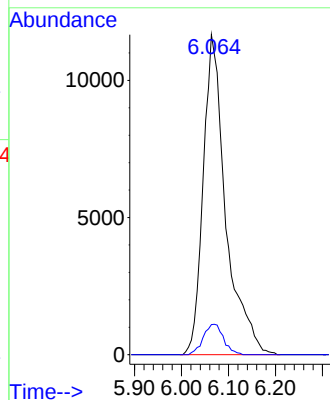
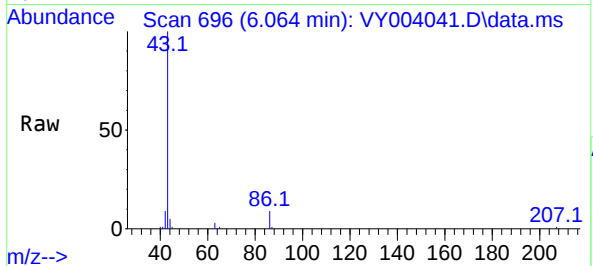
#23
 Vinyl Acetate
 Concen: 26.38 ug/l
 RT: 6.064 min Scan# 696
 Delta R.T. 0.000 min
 Lab File: VY004041.D
 Acq: 22 Feb 2021 17:45

Tgt Ion: 43 Resp: 38896
 Ion Ratio Lower Upper
 43 100
 86 9.4 7.8 11.6

Instrument :
 MSVOA_Y
 ClientSampleId :
 LOQ-SOIL-02-QT1-2021

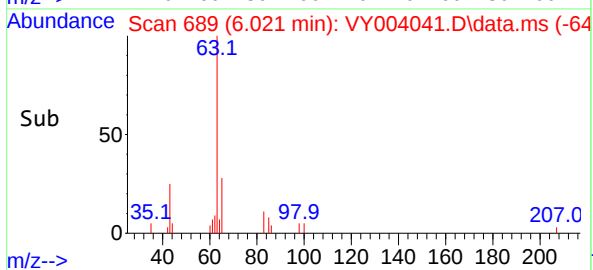
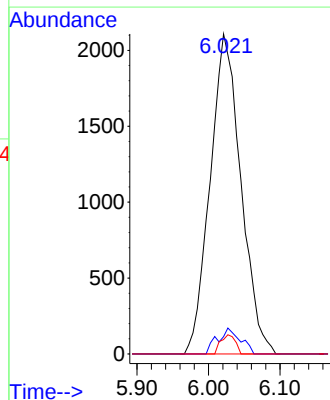
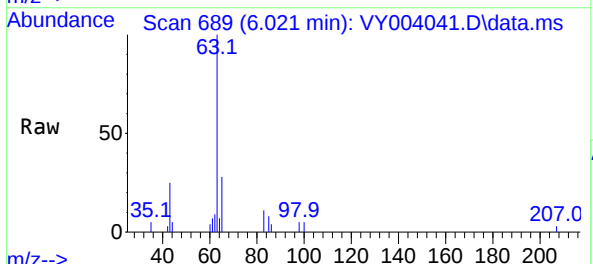
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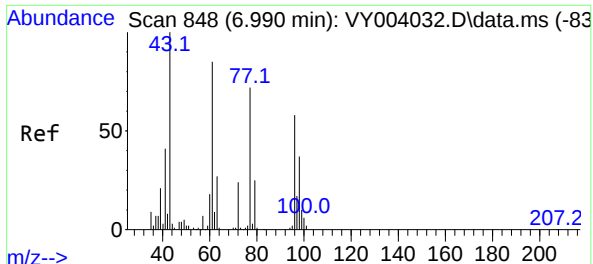
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#24
 1,1-Dichloroethane
 Concen: 5.42 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.000 min
 Lab File: VY004041.D
 Acq: 22 Feb 2021 17:45

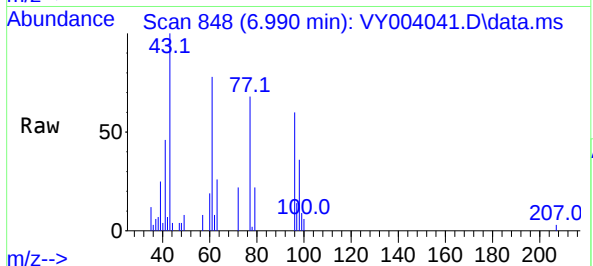
Tgt Ion: 63 Resp: 6307
 Ion Ratio Lower Upper
 63 100
 98 5.4 3.5 10.4
 100 4.5 2.3 6.9





#25
2-Butanone
Concen: 25.37 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY004041.D
Acq: 22 Feb 2021 17:45

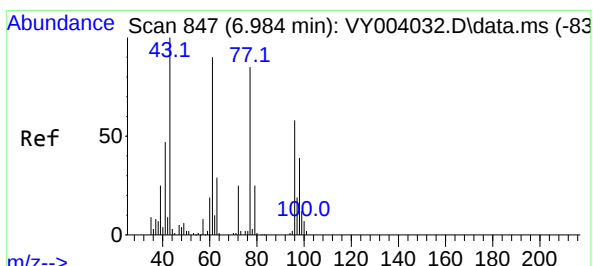
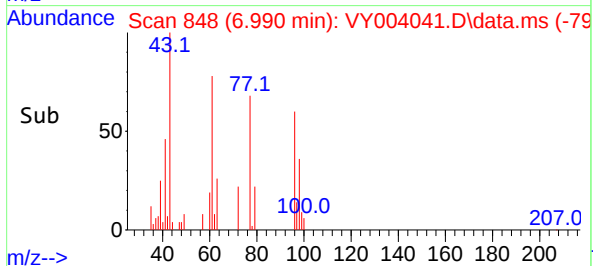
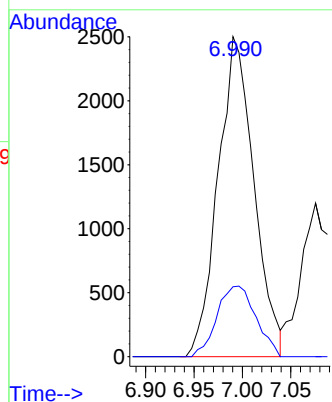
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2021



Tgt Ion: 43 Resp: 6453
Ion Ratio Lower Upper
43 100
72 21.8 19.4 29.0

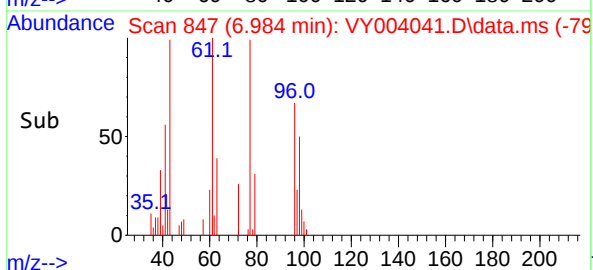
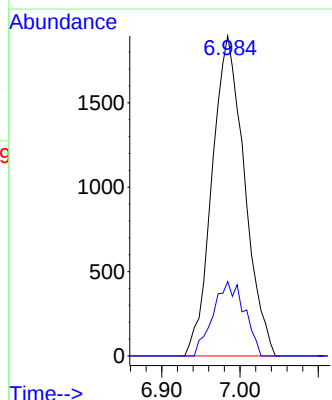
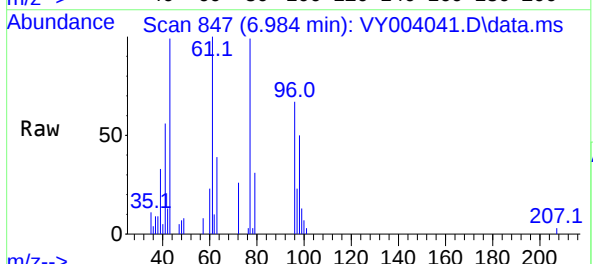
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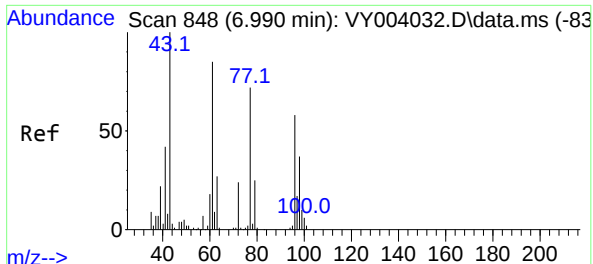
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#26
2,2-Dichloropropane
Concen: 5.06 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY004041.D
Acq: 22 Feb 2021 17:45

Tgt Ion: 77 Resp: 5452
Ion Ratio Lower Upper
77 100
97 22.5 11.4 34.1





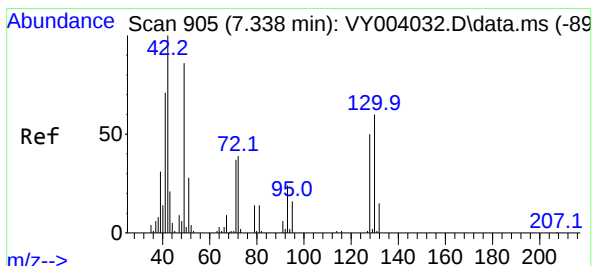
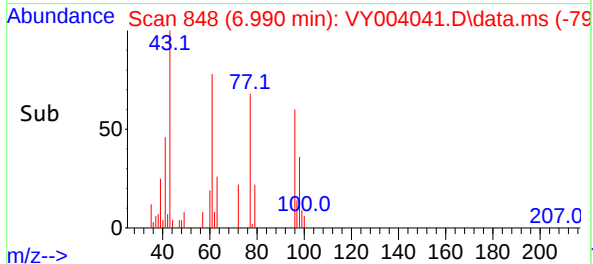
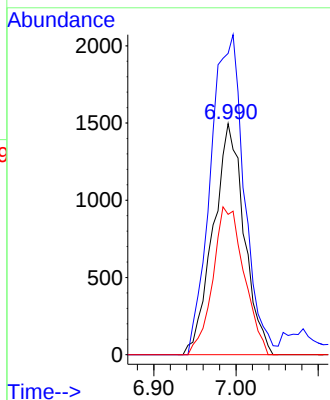
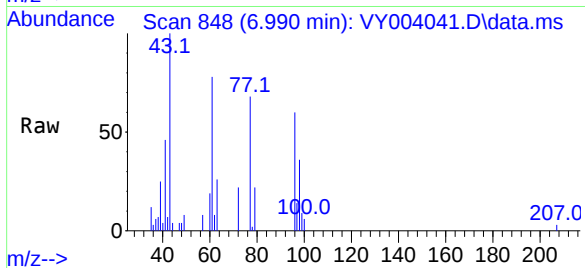
#27
cis-1,2-Dichloroethene
Concen: 5.43 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY004041.D
Acq: 22 Feb 2021 17:45

Tgt Ion:	96	Resp:	3921
Ion	Ratio	Lower	Upper
96	100		
61	150.6	0.0	303.6
98	64.4	0.0	130.6

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2021

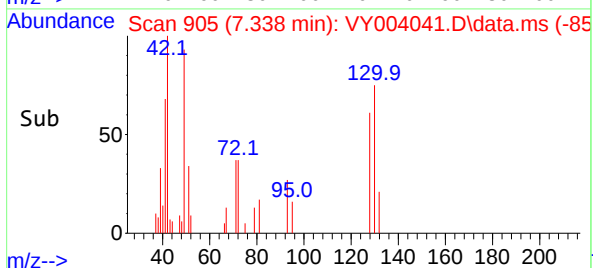
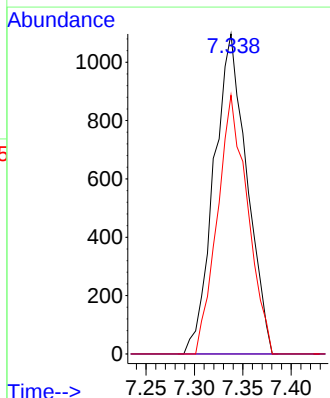
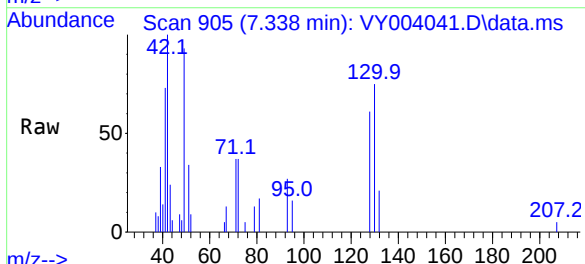
Manual Integrations
APPROVED

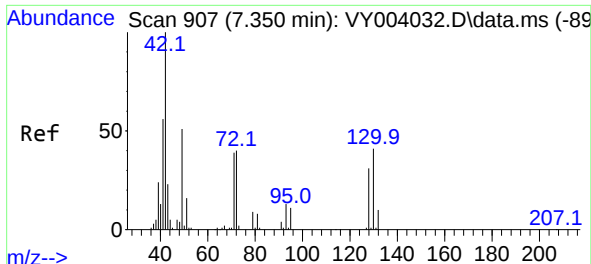
MMDadoda
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#28
Bromochloromethane
Concen: 5.05 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.000 min
Lab File: VY004041.D
Acq: 22 Feb 2021 17:45

Tgt Ion:	49	Resp:	2596
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.4
130	74.3	59.0	88.4





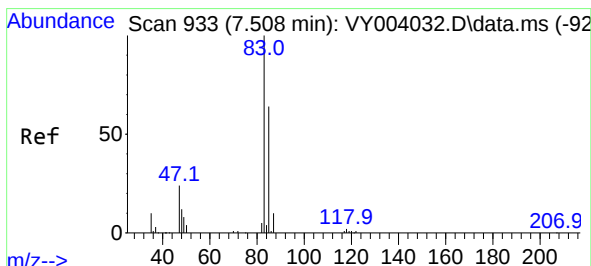
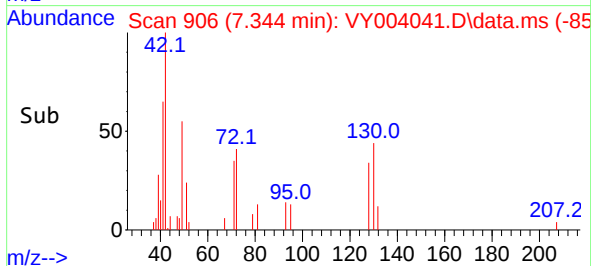
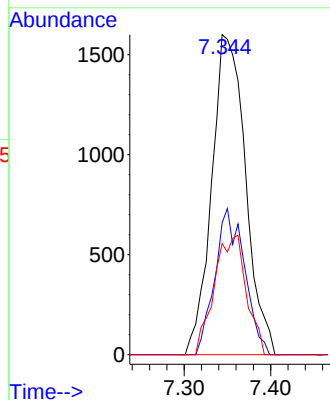
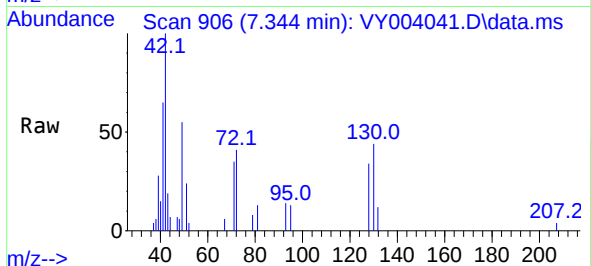
#29
Tetrahydrofuran
Concen: 26.42 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.006 min
Lab File: VY004041.D
Acq: 22 Feb 2021 17:45

Tgt Ion:	42	Resp:	4338
Ion	Ratio	Lower	Upper
42	100		
72	40.0	32.6	48.8
71	35.3	31.0	46.6

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2021

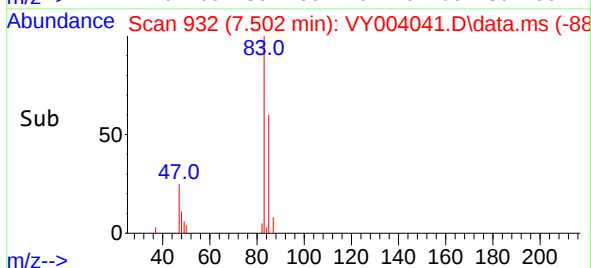
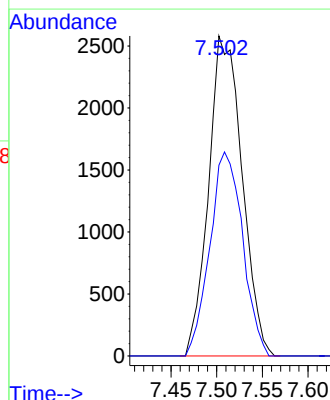
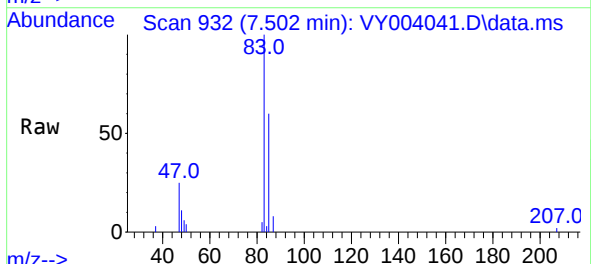
Manual Integrations
APPROVED

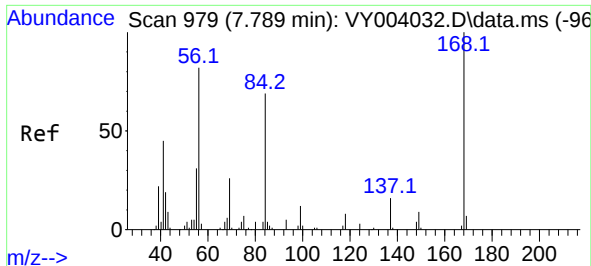
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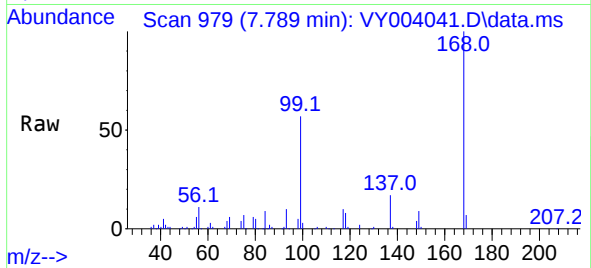
#30
Chloroform
Concen: 5.56 ug/l
RT: 7.502 min Scan# 932
Delta R.T. -0.006 min
Lab File: VY004041.D
Acq: 22 Feb 2021 17:45

Tgt Ion:	83	Resp:	6566
Ion	Ratio	Lower	Upper
83	100		
85	59.6	51.0	76.6

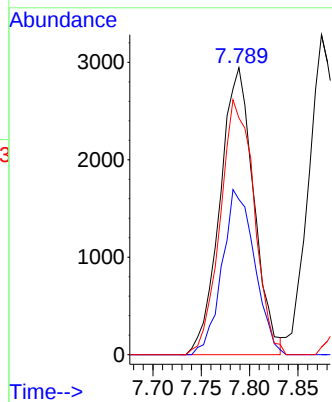
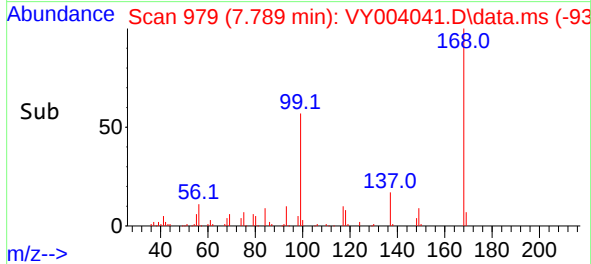




#31
Cyclohexane
Concen: 6.05 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.000 min
Lab File: VY004041.D
Acq: 22 Feb 2021 17:45



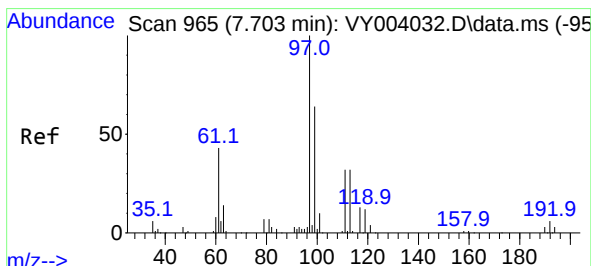
Tgt Ion: 56 Resp: 7166
Ion Ratio Lower Upper
56 100
69 54.0 25.3 37.9#
84 82.5 67.3 100.9



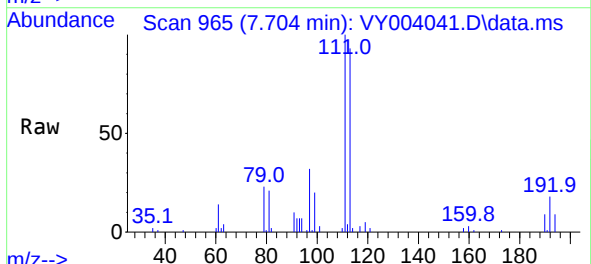
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2021

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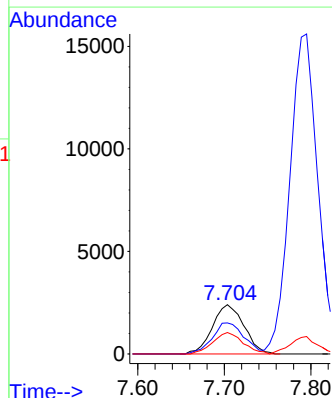
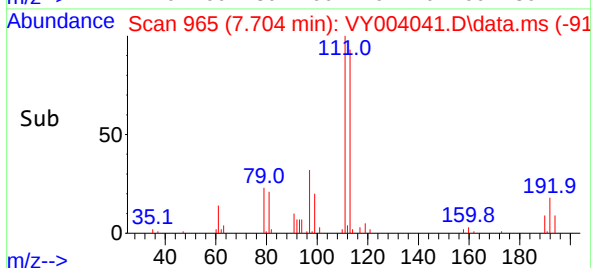
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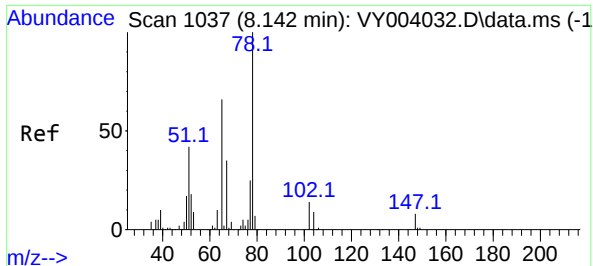


#32
1,1,1-Trichloroethane
Concen: 5.59 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.000 min
Lab File: VY004041.D
Acq: 22 Feb 2021 17:45



Tgt Ion: 97 Resp: 6063
Ion Ratio Lower Upper
97 100
99 63.1 51.8 77.6
61 41.5 34.5 51.7





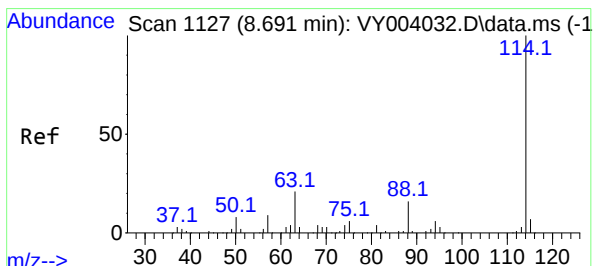
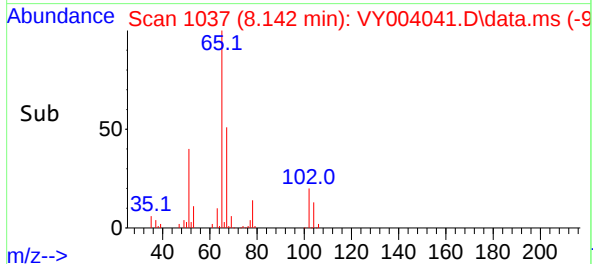
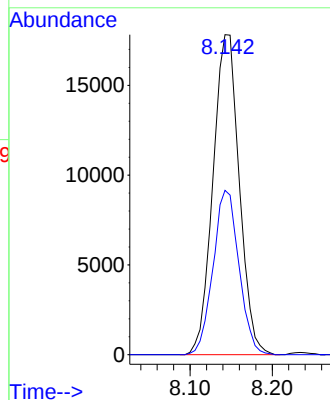
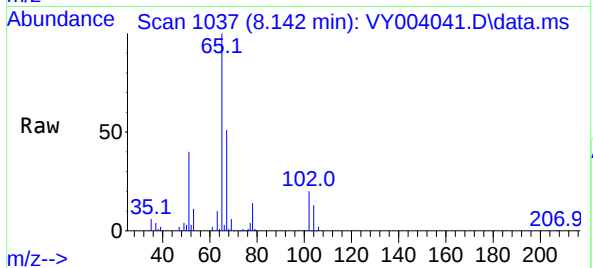
#33
1,2-Dichloroethane-d4
Concen: 56.15 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY004041.D
Acq: 22 Feb 2021 17:45

Tgt Ion: 65 Resp: 39657
Ion Ratio Lower Upper
65 100
67 50.4 0.0 101.4

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2021

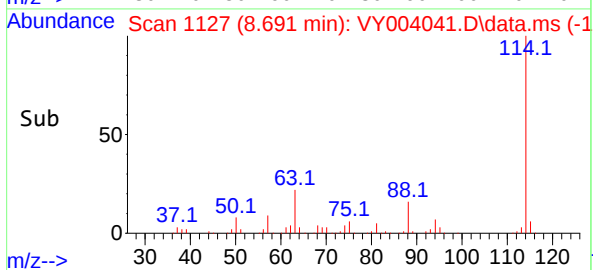
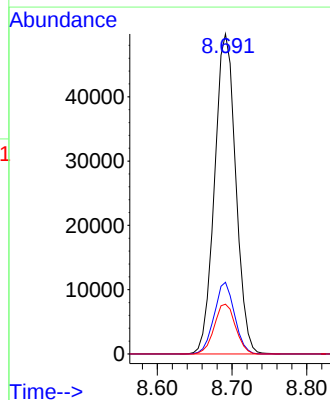
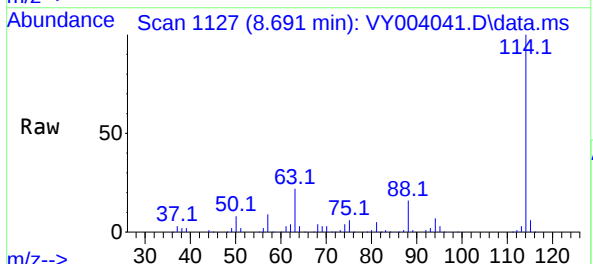
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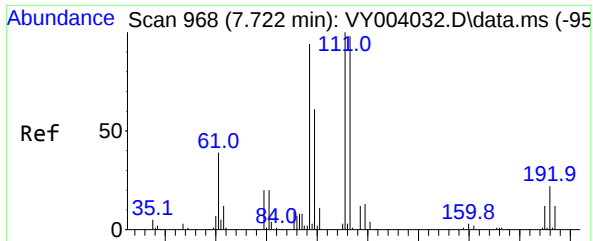
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#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY004041.D
Acq: 22 Feb 2021 17:45

Tgt Ion: 114 Resp: 97864
Ion Ratio Lower Upper
114 100
63 22.4 0.0 41.6
88 15.5 0.0 31.4





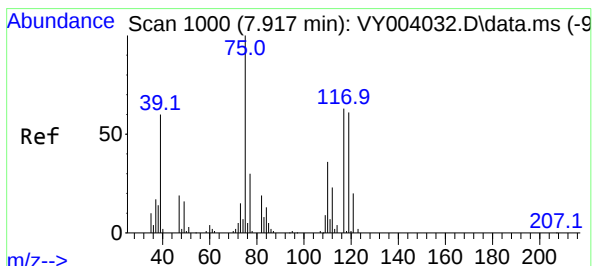
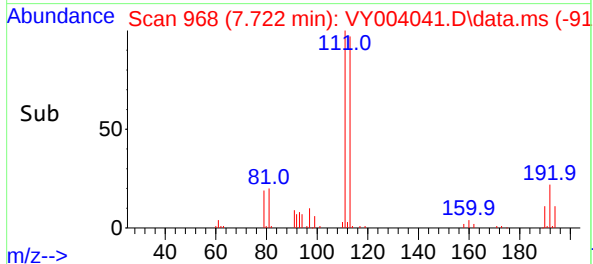
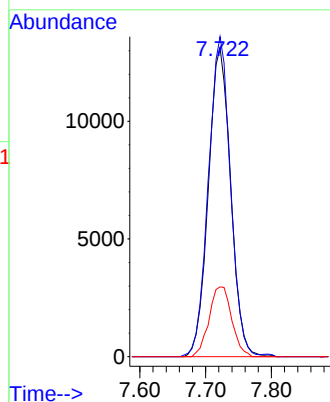
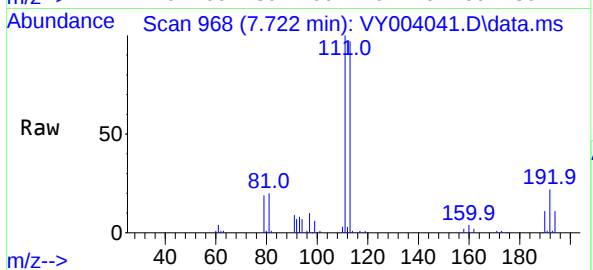
#35
Dibromofluoromethane
Concen: 52.53 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY004041.D
Acq: 22 Feb 2021 17:45

Tgt Ion:	113	Resp:	30994
Ion	Ratio	Lower	Upper
113	100		
111	102.2	83.2	124.8
192	22.9	18.5	27.7

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2021

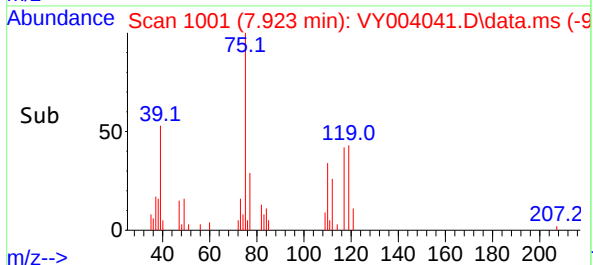
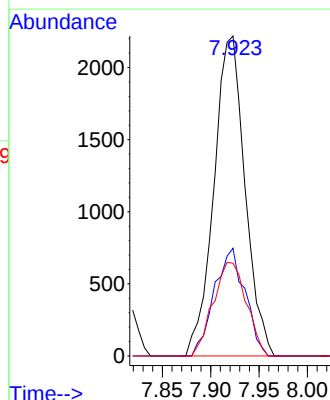
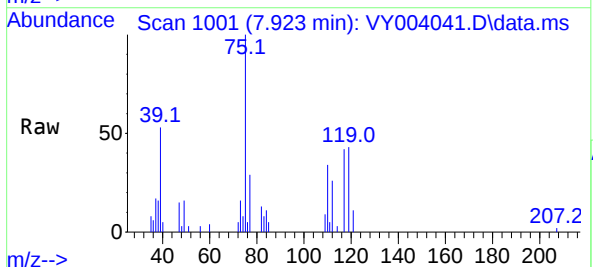
Manual Integrations
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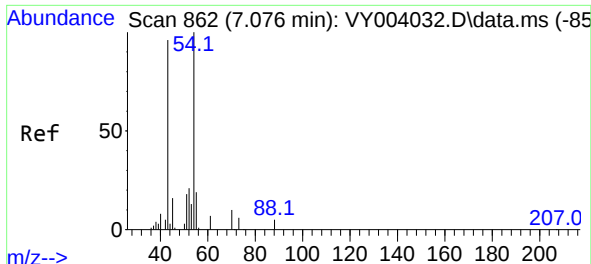
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#36
1,1-Dichloropropene
Concen: 5.06 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY004041.D
Acq: 22 Feb 2021 17:45

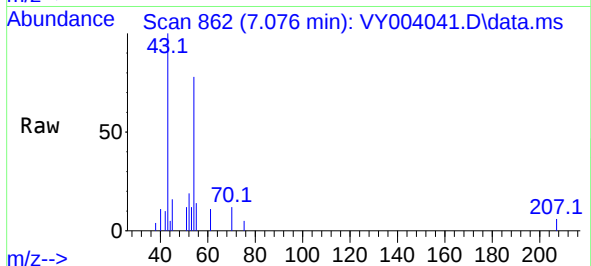
Tgt Ion:	75	Resp:	4956
Ion	Ratio	Lower	Upper
75	100		
110	33.3	17.4	52.3
77	31.2	24.5	36.7





#37
Ethyl Acetate
Concen: 5.29 ug/l
RT: 7.076 min Scan# 862
Delta R.T. 0.000 min
Lab File: VY004041.D
Acq: 22 Feb 2021 17:45

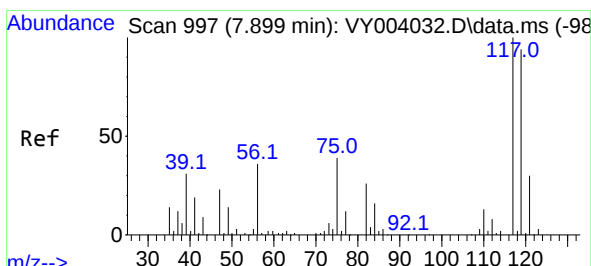
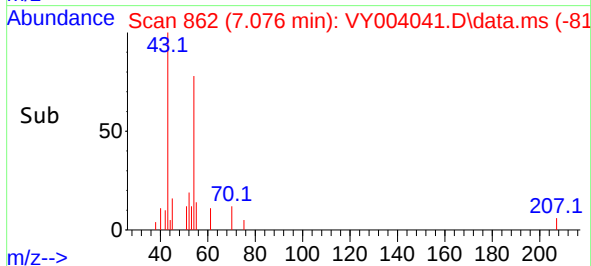
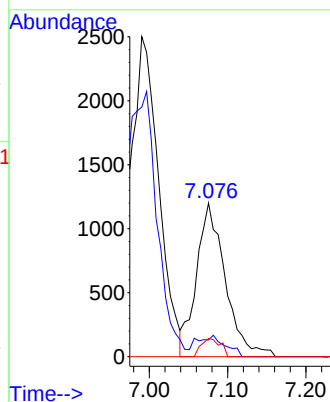
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2021



Tgt Ion: 43	Resp: 3064
Ion Ratio	Lower Upper
43 100	
61 13.3	10.7 16.1
70 7.9	7.7 11.5

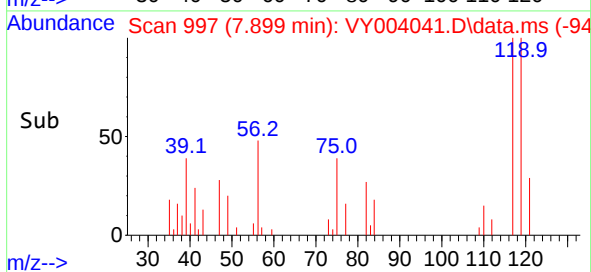
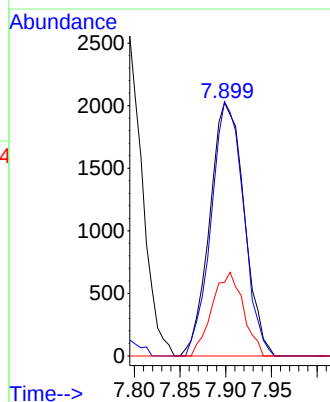
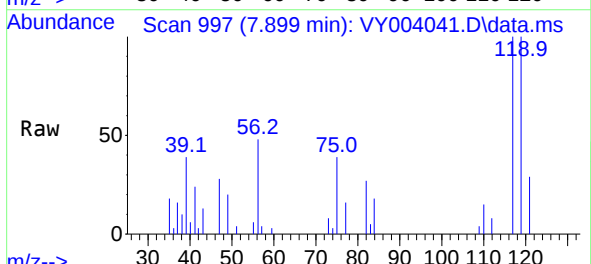
Manual Integrations
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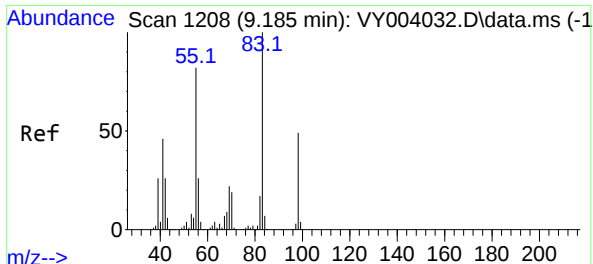
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#38
Carbon Tetrachloride
Concen: 5.24 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.000 min
Lab File: VY004041.D
Acq: 22 Feb 2021 17:45

Tgt Ion:117	Resp:	5306	
Ion	Ratio	Lower	Upper
117	100		
119	100.3	75.4	113.0
121	29.1	24.2	36.2





#39

Methylcyclohexane

Concen: 5.01 ug/l

RT: 9.185 min Scan# 1208

Delta R.T. 0.000 min

Lab File: VY004041.D

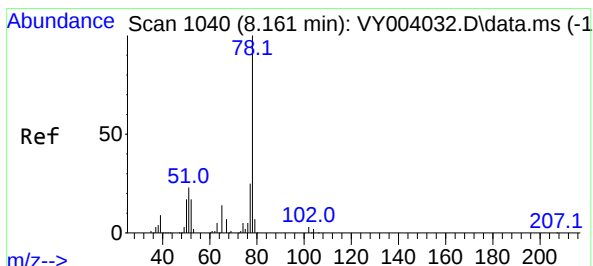
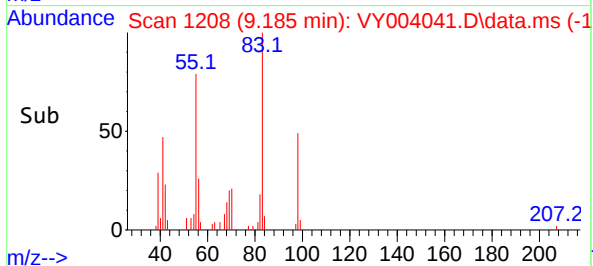
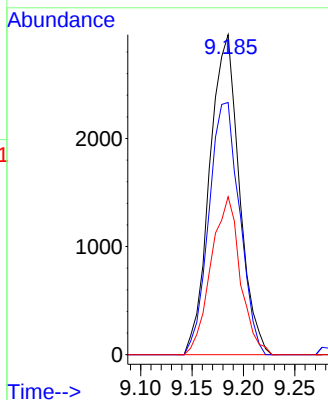
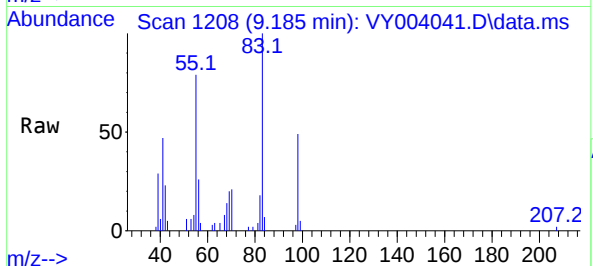
Acq: 22 Feb 2021 17:45

Tgt Ion:	83	Resp:	5929
Ion	Ratio	Lower	Upper
83	100		
55	78.8	65.6	98.4
98	49.3	39.5	59.3

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2021

Manual Integrations
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#40

Benzene

Concen: 5.30 ug/l

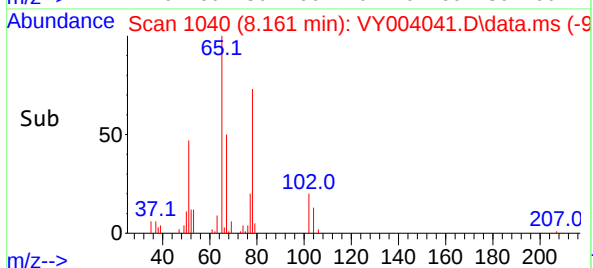
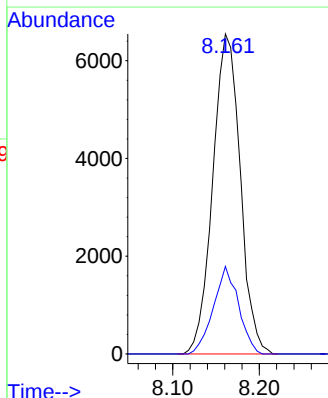
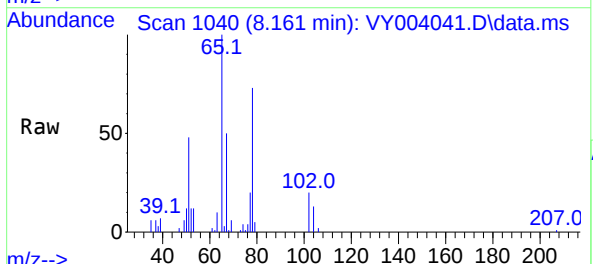
RT: 8.161 min Scan# 1040

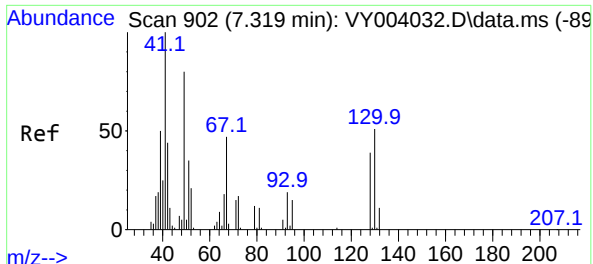
Delta R.T. 0.000 min

Lab File: VY004041.D

Acq: 22 Feb 2021 17:45

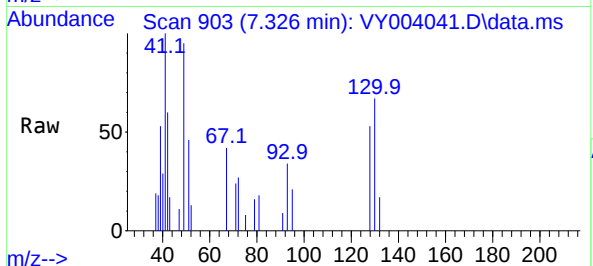
Tgt Ion:	78	Resp:	14420
Ion	Ratio	Lower	Upper
78	100		
77	27.4	20.1	30.1





#41
Methacrylonitrile
Concen: 6.07 ug/l m
RT: 7.326 min Scan# 903
Delta R.T. 0.006 min
Lab File: VY004041.D
Acq: 22 Feb 2021 17:45

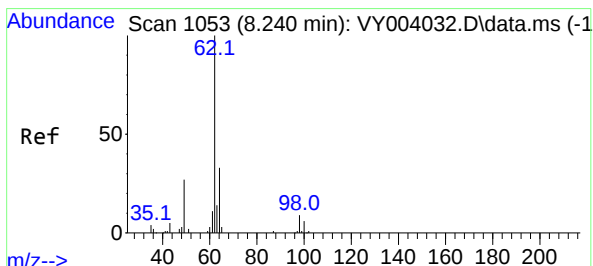
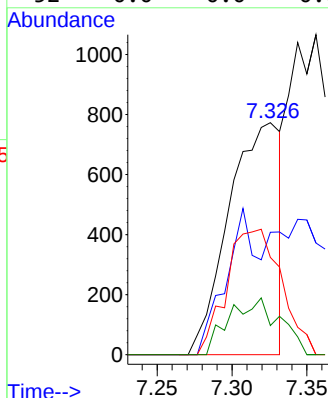
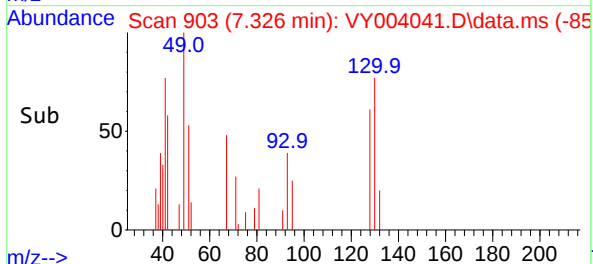
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2021



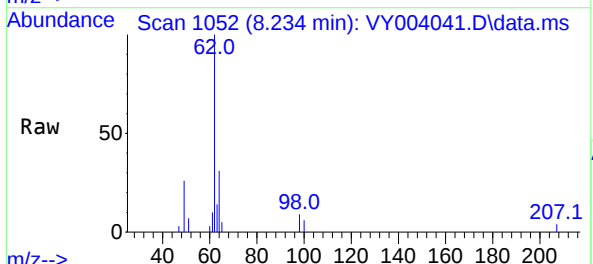
Tgt Ion: 41 Resp: 1860
Ion Ratio Lower Upper
41 100
39 68.9 91.2 136.8#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

Manual Integrations
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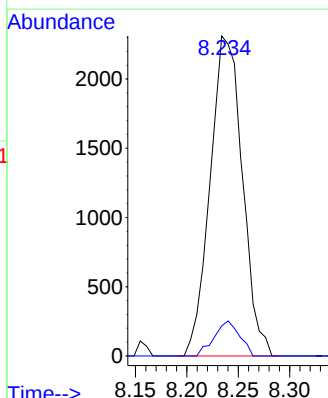
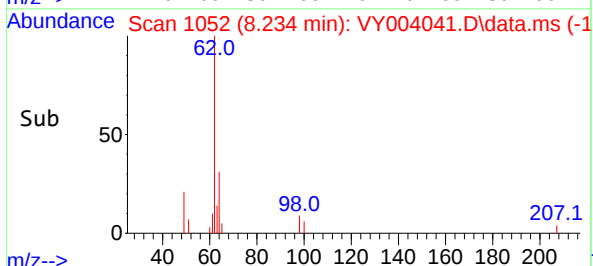
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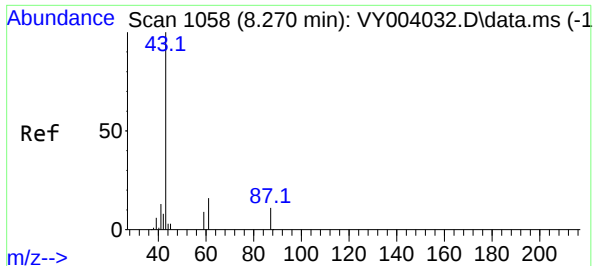


#42
1,2-Dichloroethane
Concen: 5.64 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY004041.D
Acq: 22 Feb 2021 17:45



Tgt Ion: 62 Resp: 5044
Ion Ratio Lower Upper
62 100
98 8.6 0.0 17.0





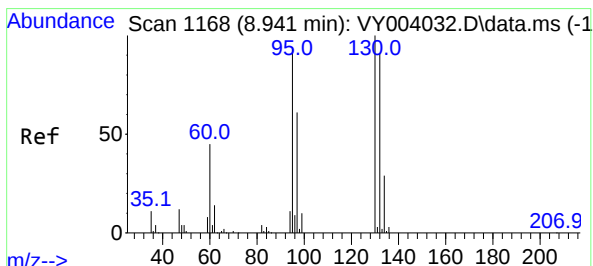
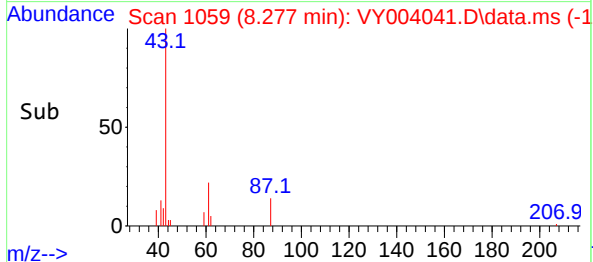
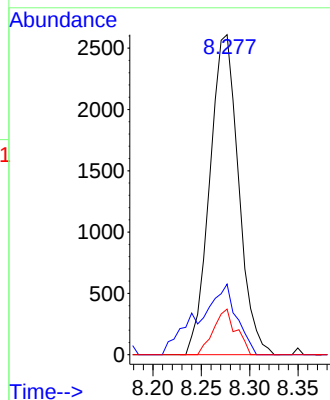
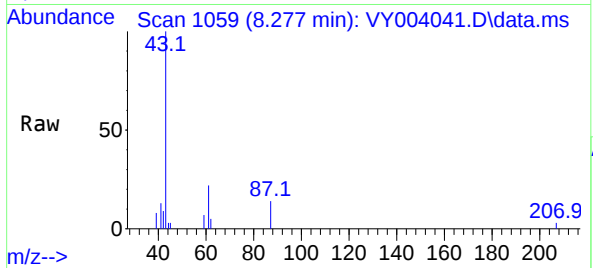
#43
Isopropyl Acetate
Concen: 4.96 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.006 min
Lab File: VY004041.D
Acq: 22 Feb 2021 17:45

Tgt Ion:	43	Resp:	5414
Ion	Ratio	Lower	Upper
43	100		
61	29.6	22.1	33.1
87	11.2	9.8	14.8

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2021

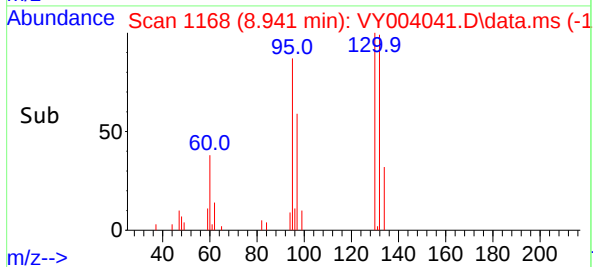
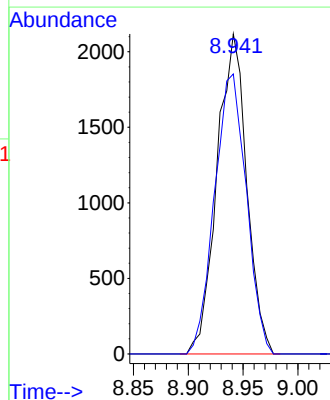
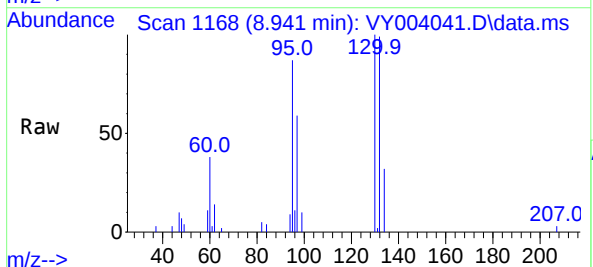
Manual Integrations
APPROVED

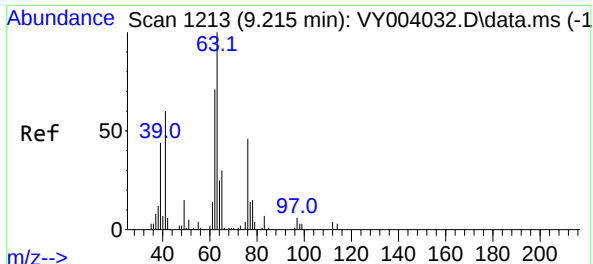
MMDadoda
2/23/2021 1:06:51 PM



#44
Trichloroethene
Concen: 5.31 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY004041.D
Acq: 22 Feb 2021 17:45

Tgt Ion:	130	Resp:	3994
Ion	Ratio	Lower	Upper
130	100		
95	87.5	0.0	188.0





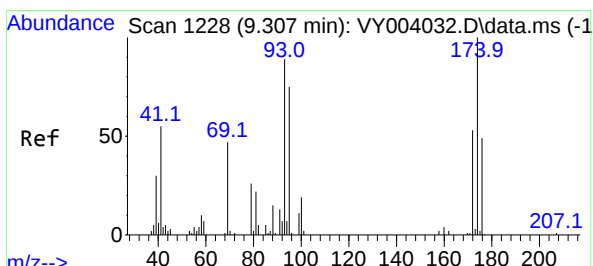
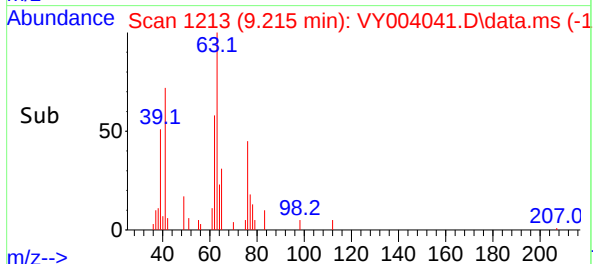
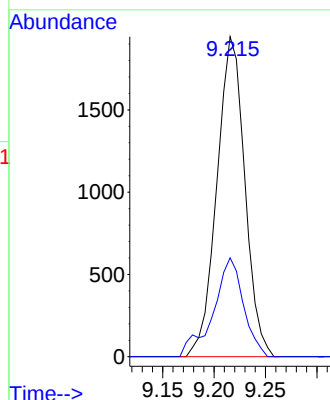
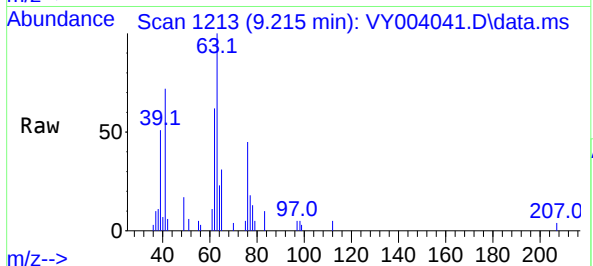
#45
1,2-Dichloropropane
Concen: 5.51 ug/l
RT: 9.215 min Scan# 1213
Delta R.T. 0.000 min
Lab File: VY004041.D
Acq: 22 Feb 2021 17:45

Tgt Ion: 63 Resp: 3677
Ion Ratio Lower Upper
63 100
65 30.9 24.4 36.6

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2021

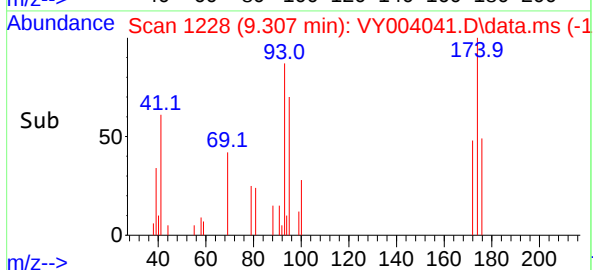
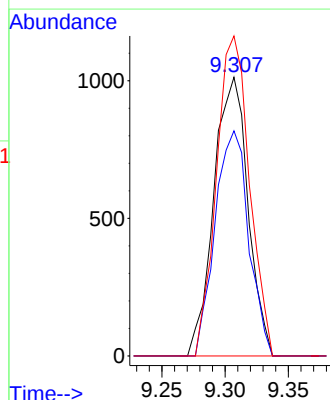
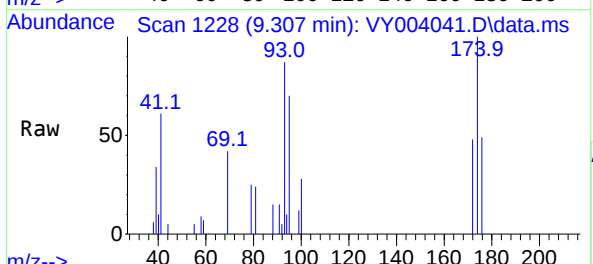
Manual Integrations
APPROVED

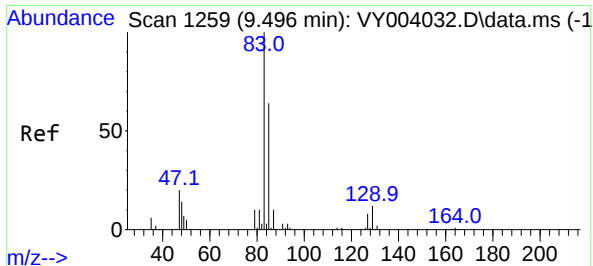
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#46
Dibromomethane
Concen: 5.09 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VY004041.D
Acq: 22 Feb 2021 17:45

Tgt Ion: 93 Resp: 1900
Ion Ratio Lower Upper
93 100
95 79.3 66.3 99.5
174 111.1 88.1 132.1





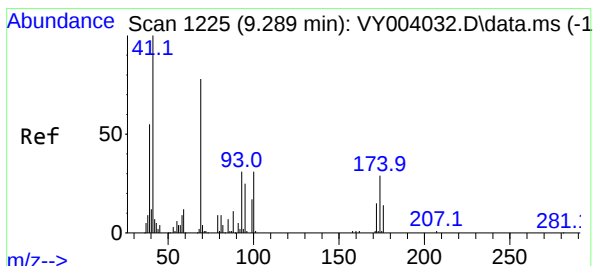
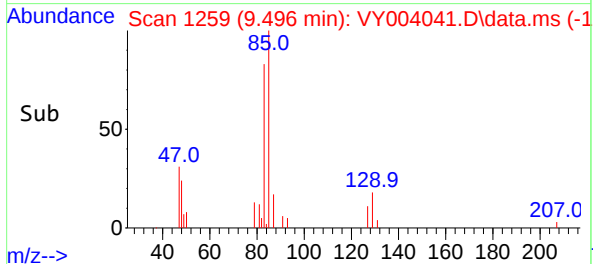
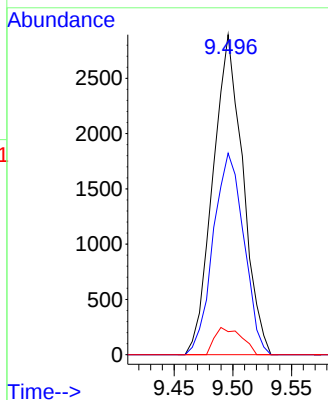
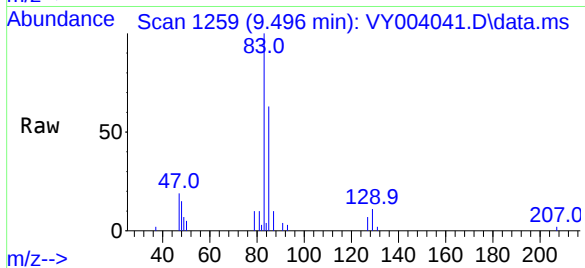
#47
Bromodichloromethane
Concen: 5.38 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY004041.D
Acq: 22 Feb 2021 17:45

Tgt Ion:	83	Resp:	5137
Ion	Ratio	Lower	Upper
83	100		
85	63.0	51.6	77.4
127	7.2	6.5	9.7

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2021

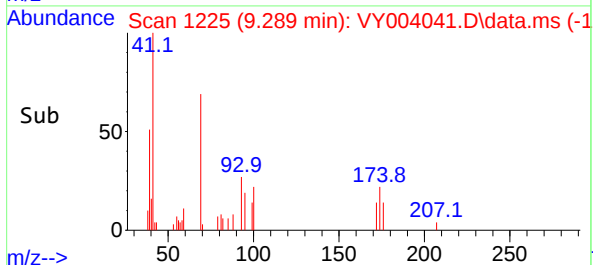
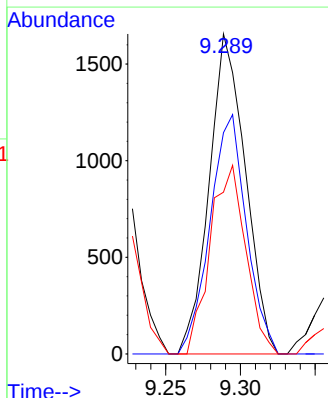
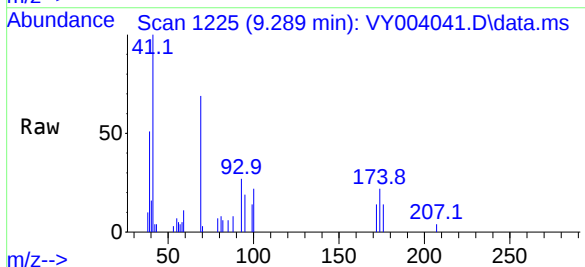
Manual Integrations
APPROVED

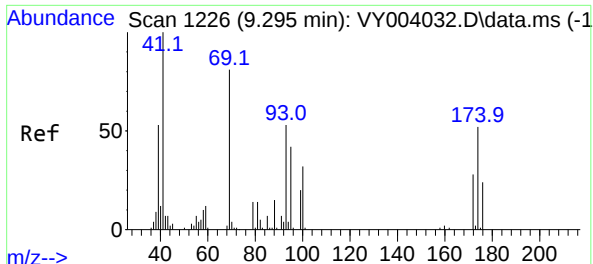
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#48
Methyl methacrylate
Concen: 5.22 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY004041.D
Acq: 22 Feb 2021 17:45

Tgt Ion:	41	Resp:	2790
Ion	Ratio	Lower	Upper
41	100		
69	75.2	65.1	97.7
39	57.9	44.2	66.2





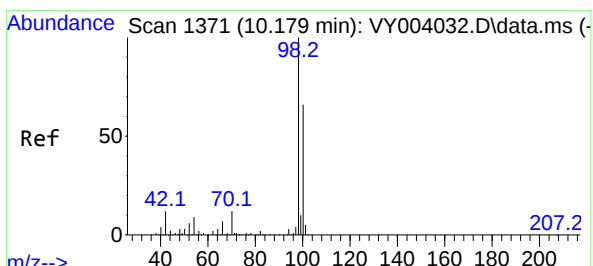
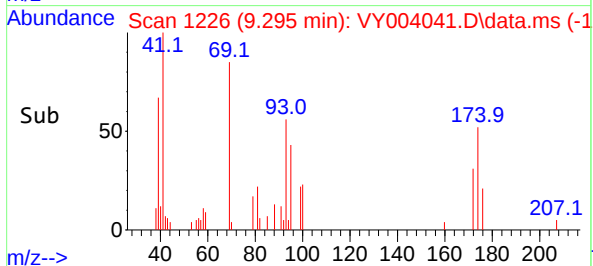
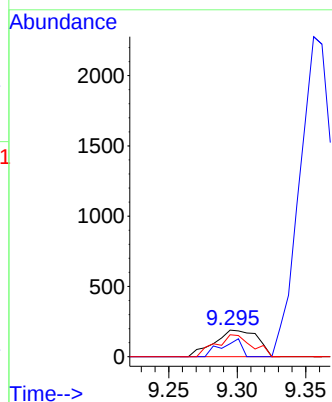
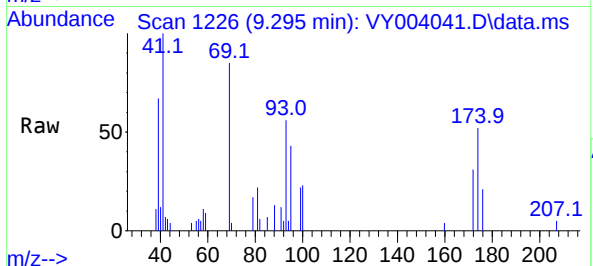
#49
1,4-Dioxane
Concen: 92.48 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY004041.D
Acq: 22 Feb 2021 17:45

Tgt Ion: 88 Resp: 416
Ion Ratio Lower Upper
88 100
43 31.5 32.0 48.0#
58 68.8 56.5 84.7

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2021

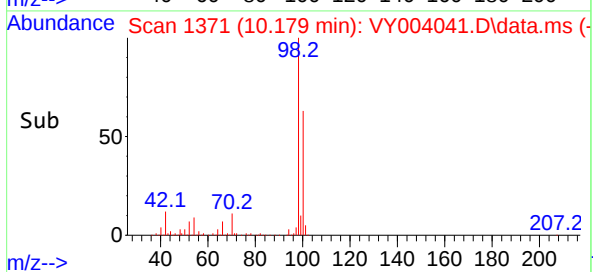
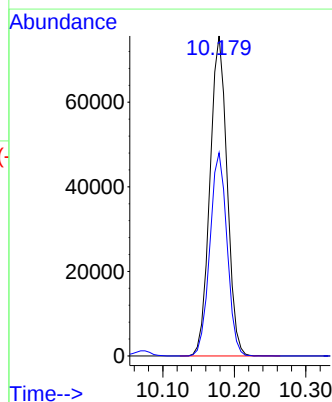
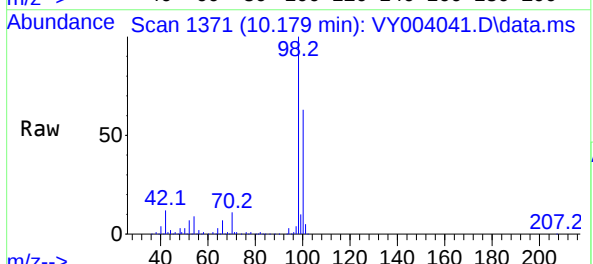
Manual Integrations
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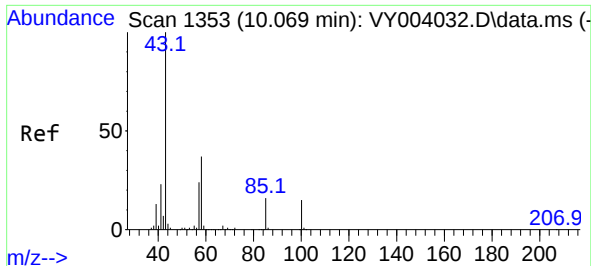
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#50
Toluene-d8
Concen: 53.24 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY004041.D
Acq: 22 Feb 2021 17:45

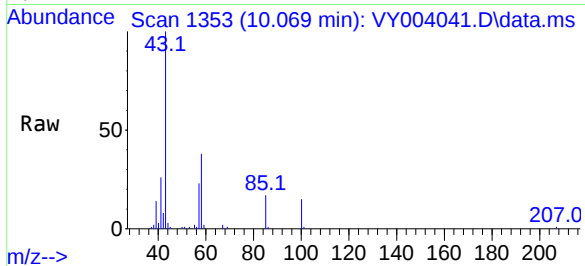
Tgt Ion: 98 Resp: 125950
Ion Ratio Lower Upper
98 100
100 63.5 51.8 77.6





#51
4-Methyl-2-Pentanone
Concen: 24.20 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY004041.D
Acq: 22 Feb 2021 17:45

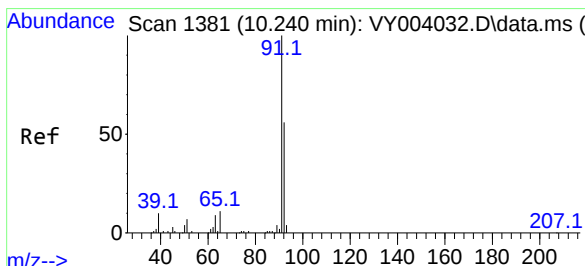
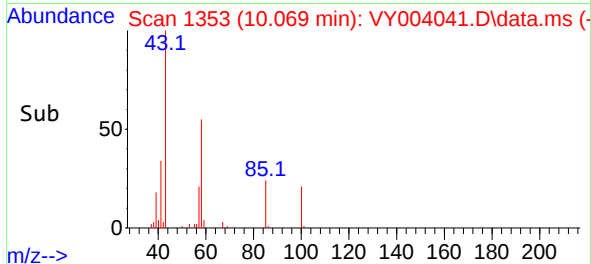
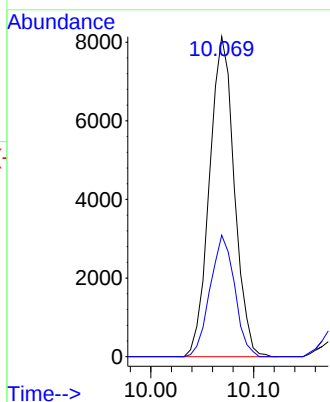
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2021



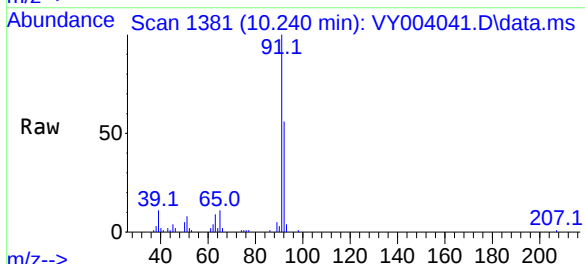
Tgt Ion: 43 Resp: 13648
Ion Ratio Lower Upper
43 100
58 37.5 29.8 44.8

Manual Integrations
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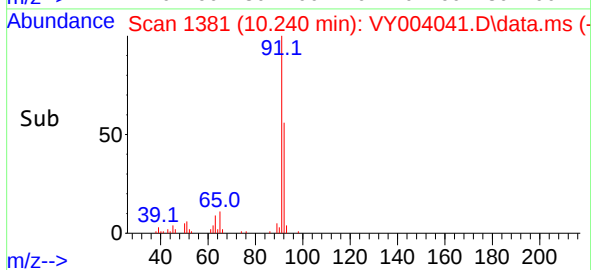
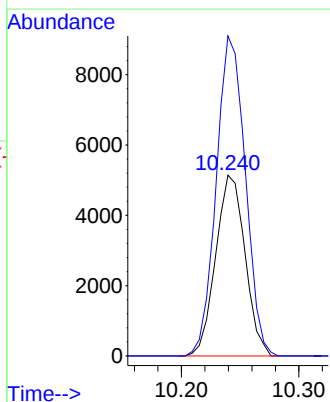
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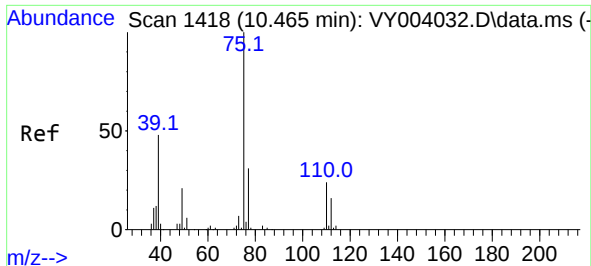


#52
Toluene
Concen: 5.25 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY004041.D
Acq: 22 Feb 2021 17:45



Tgt Ion: 92 Resp: 8927
Ion Ratio Lower Upper
92 100
91 175.5 141.0 211.4





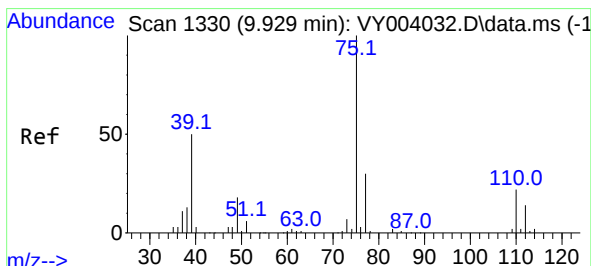
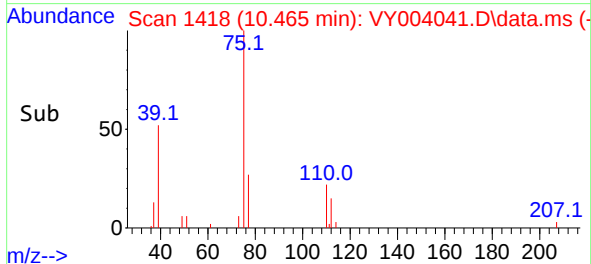
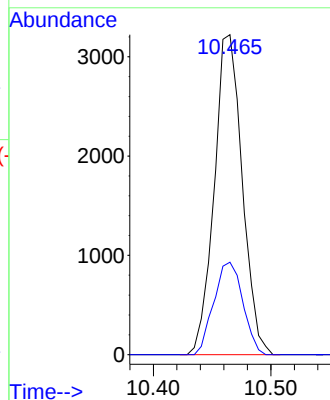
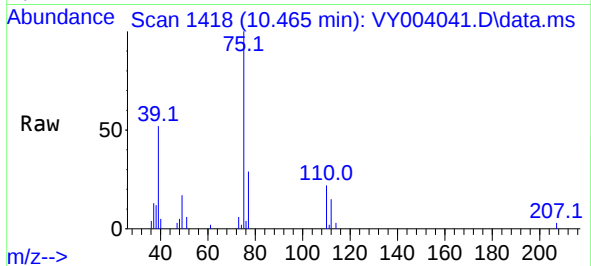
#53
t-1,3-Dichloropropene
Concen: 5.20 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY004041.D
Acq: 22 Feb 2021 17:45

Tgt Ion: 75 Resp: 5339
Ion Ratio Lower Upper
75 100
77 28.9 24.5 36.7

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2021

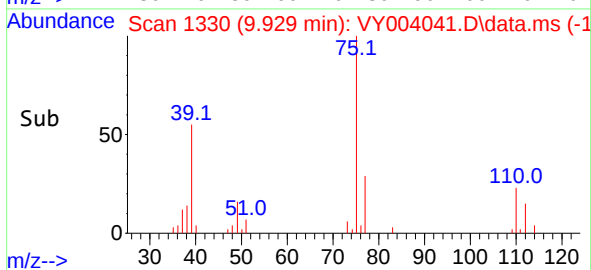
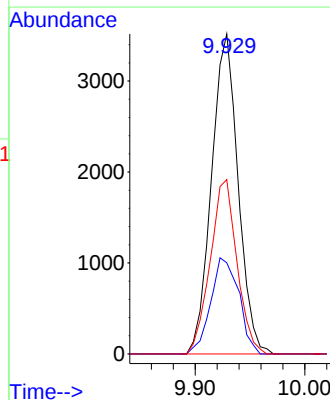
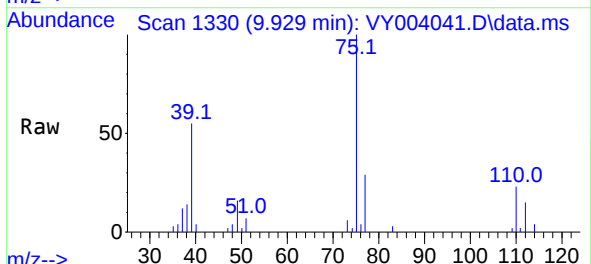
Manual Integrations
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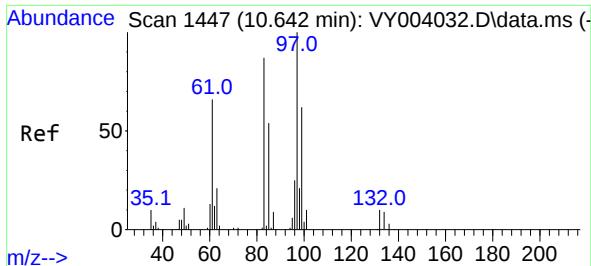
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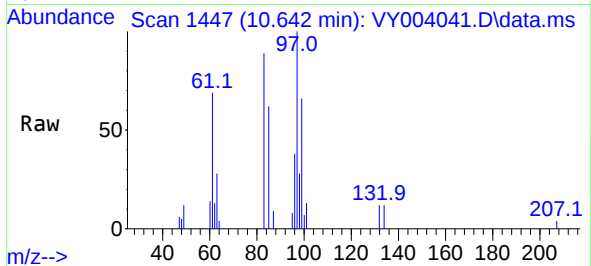
#54
cis-1,3-Dichloropropene
Concen: 5.15 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY004041.D
Acq: 22 Feb 2021 17:45

Tgt Ion: 75 Resp: 5917
Ion Ratio Lower Upper
75 100
77 28.5 24.2 36.4
39 54.5 40.4 60.6



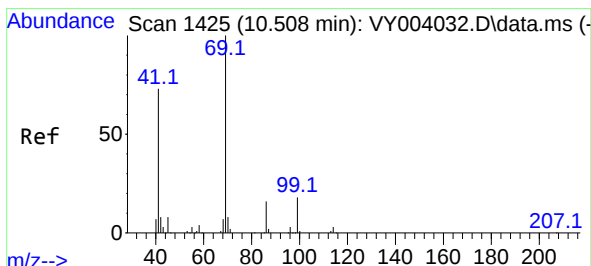
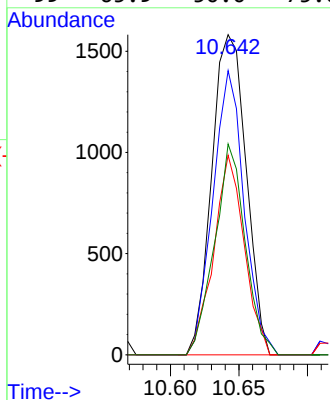
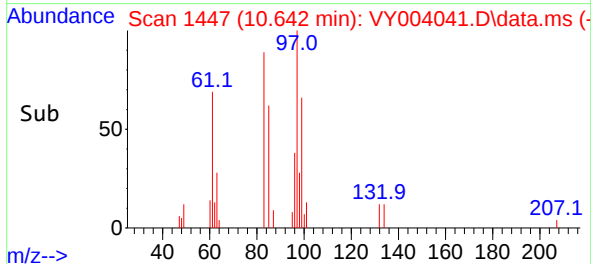


#55
1,1,2-Trichloroethane
Concen: 5.23 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY004041.D
Acq: 22 Feb 2021 17:45

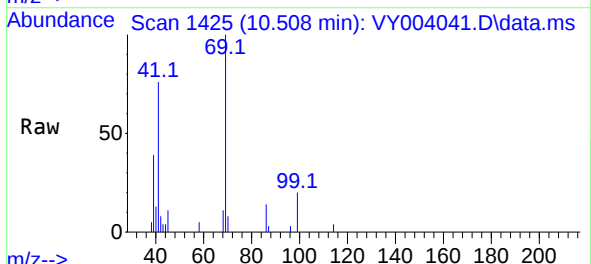


Tgt Ion: 97 Resp: 2764

Ion	Ratio	Lower	Upper
97	100		
83	88.7	69.4	104.0
85	62.3	43.4	65.0
99	65.9	50.0	75.0

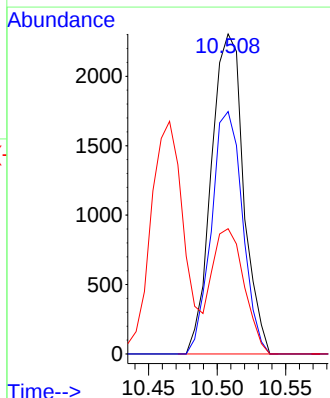
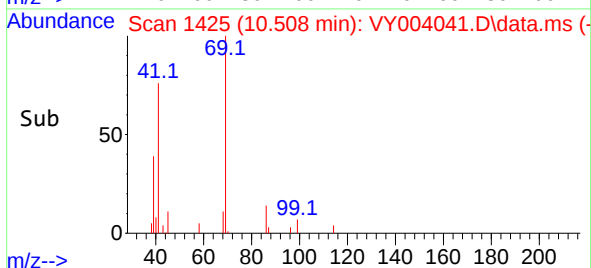


#56
Ethyl methacrylate
Concen: 5.00 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY004041.D
Acq: 22 Feb 2021 17:45



Tgt Ion: 69 Resp: 3776

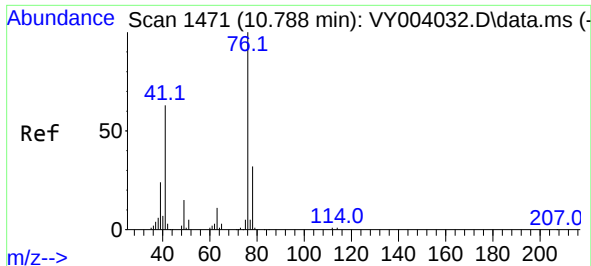
Ion	Ratio	Lower	Upper
69	100		
41	73.1	57.2	85.8
39	38.3	27.8	41.6



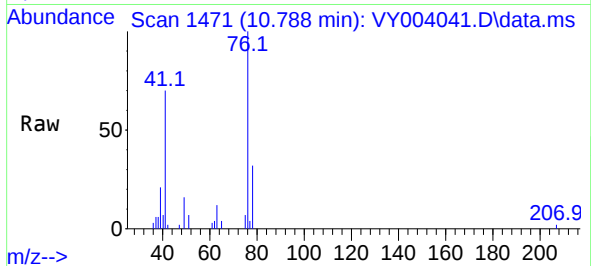
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2021

Manual Integrations
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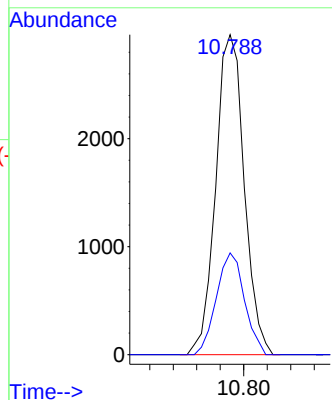
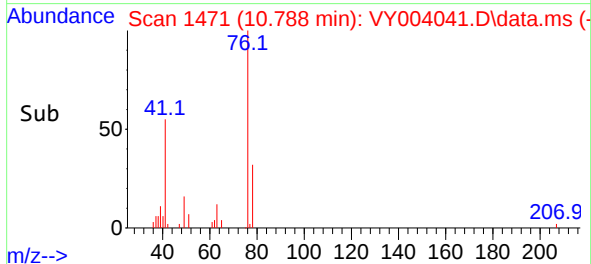
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#57
1,3-Dichloropropane
Concen: 5.33 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY004041.D
Acq: 22 Feb 2021 17:45



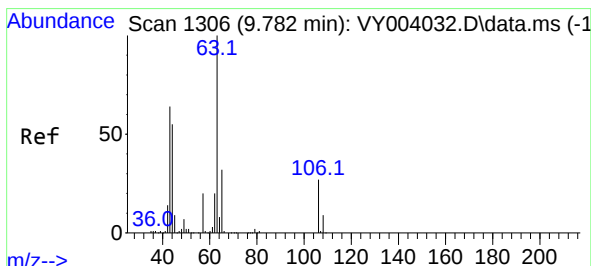
Tgt Ion: 76 Resp: 4986
Ion Ratio Lower Upper
76 100
78 31.3 25.5 38.3



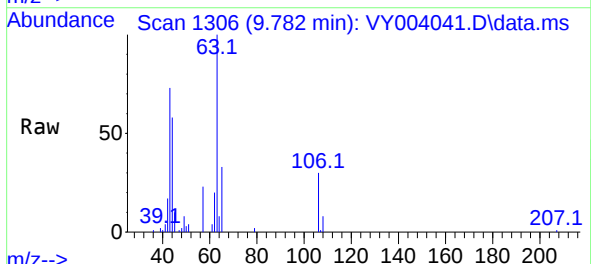
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2021

Manual Integrations
APPROVED

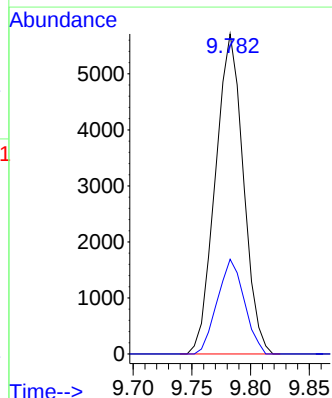
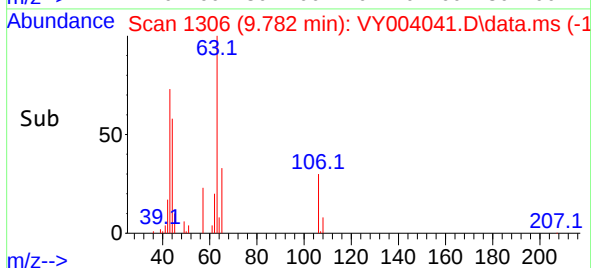
MMDadoda
2/23/2021 1:06:51 PM

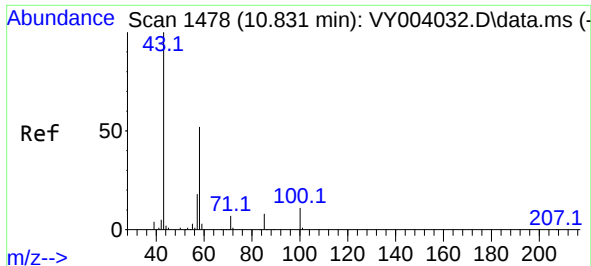


#58
2-Chloroethyl Vinyl ether
Concen: 27.65 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. 0.000 min
Lab File: VY004041.D
Acq: 22 Feb 2021 17:45

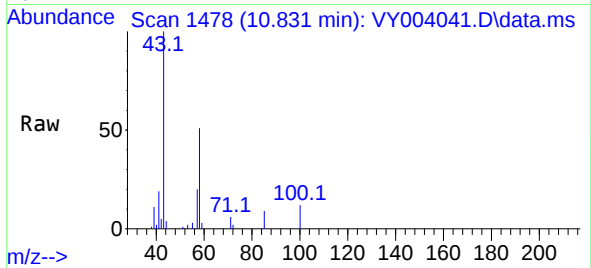


Tgt Ion: 63 Resp: 9470
Ion Ratio Lower Upper
63 100
106 28.5 22.1 33.1

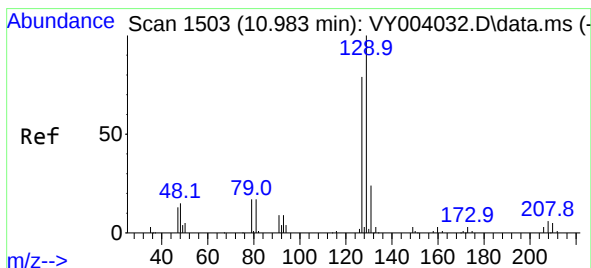
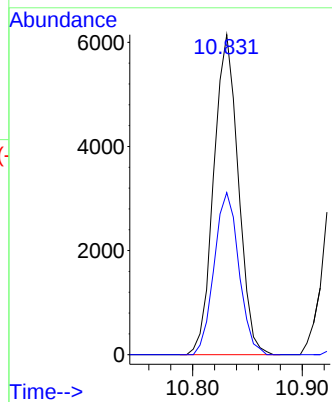
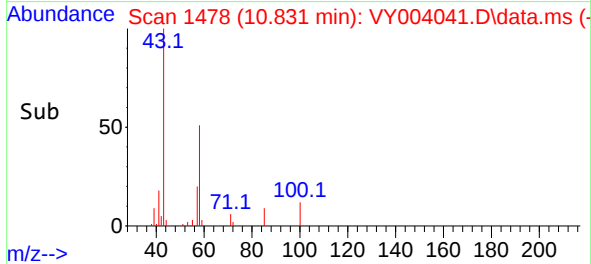




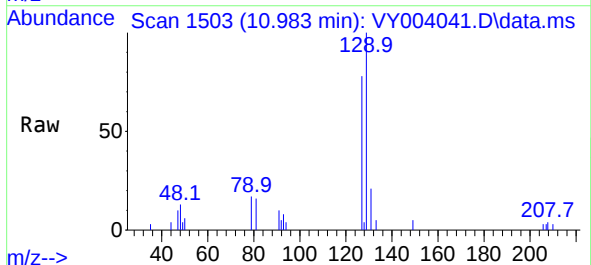
#59
2-Hexanone
Concen: 24.08 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY004041.D
Acq: 22 Feb 2021 17:45



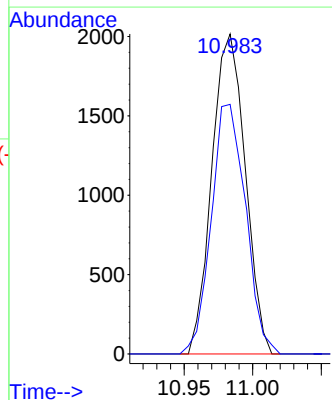
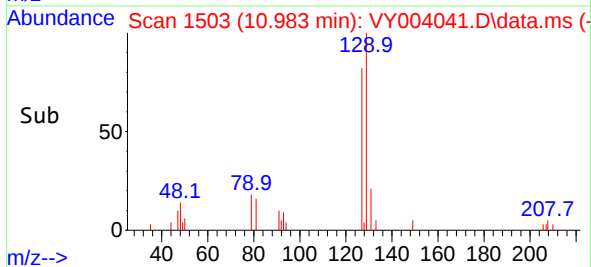
Tgt Ion: 43 Resp: 9569
Ion Ratio Lower Upper
43 100
58 51.0 26.5 79.4



#60
Dibromochloromethane
Concen: 5.12 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY004041.D
Acq: 22 Feb 2021 17:45



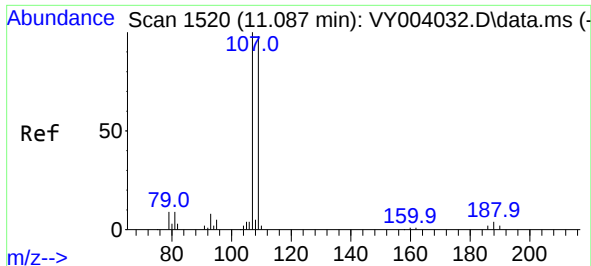
Tgt Ion: 129 Resp: 3419
Ion Ratio Lower Upper
129 100
127 80.0 39.0 117.0



Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2021

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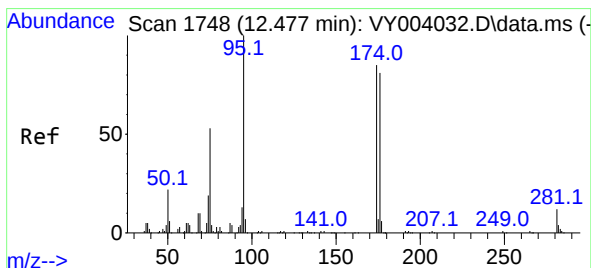
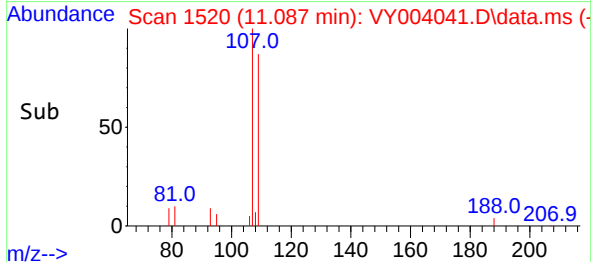
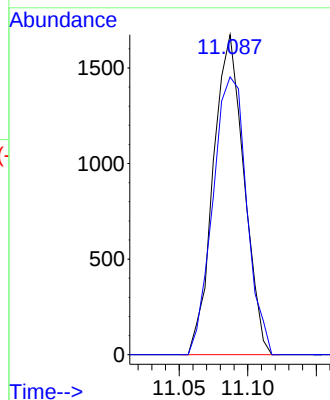
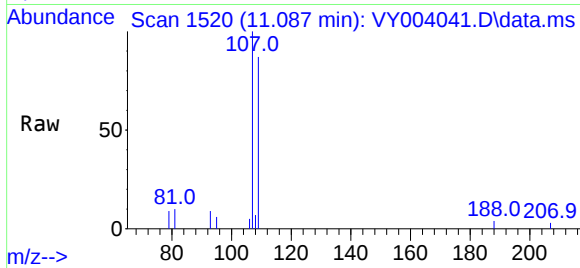
#61
1,2-Dibromoethane
Concen: 5.04 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY004041.D
Acq: 22 Feb 2021 17:45

Tgt Ion: 107 Resp: 2611
Ion Ratio Lower Upper
107 100
109 95.5 76.7 115.1

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2021

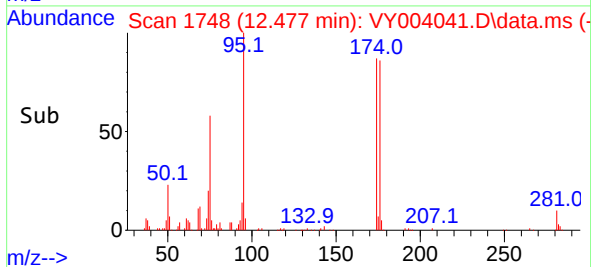
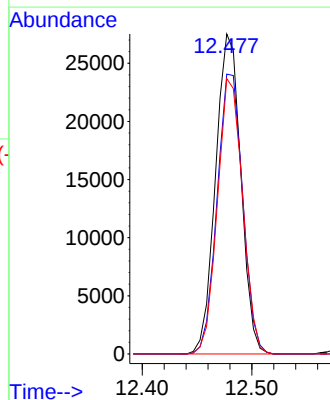
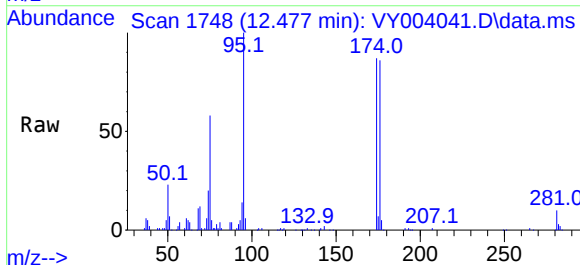
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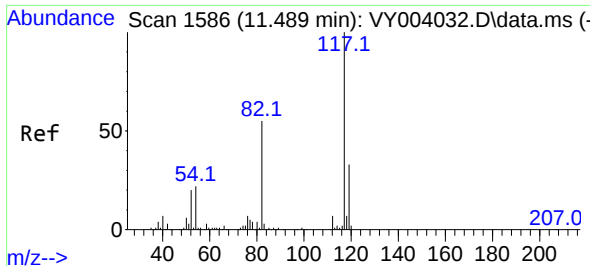
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#62
4-Bromofluorobenzene
Concen: 52.67 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY004041.D
Acq: 22 Feb 2021 17:45

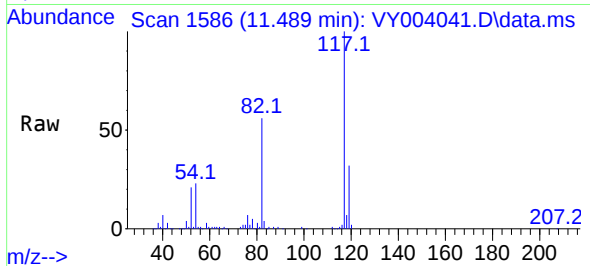
Tgt Ion: 95 Resp: 44022
Ion Ratio Lower Upper
95 100
174 88.6 0.0 179.0
176 85.7 0.0 174.4





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY004041.D
Acq: 22 Feb 2021 17:45

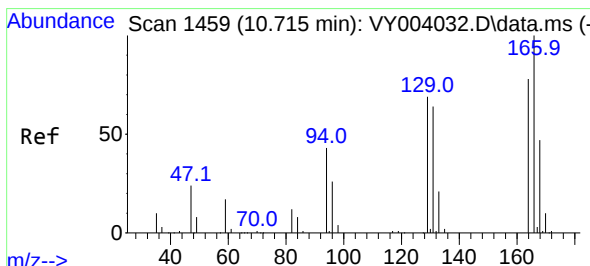
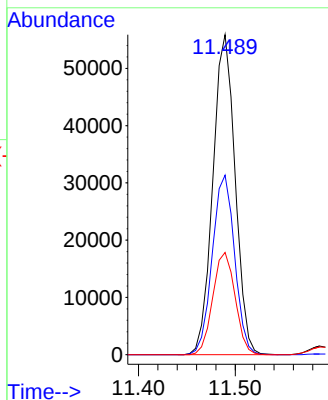
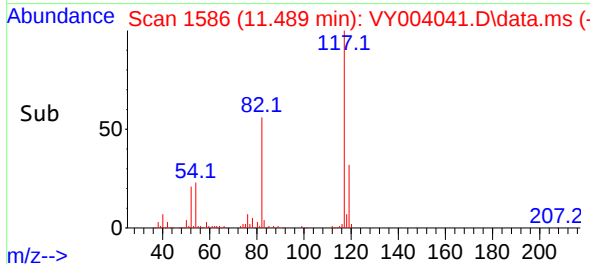
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2021



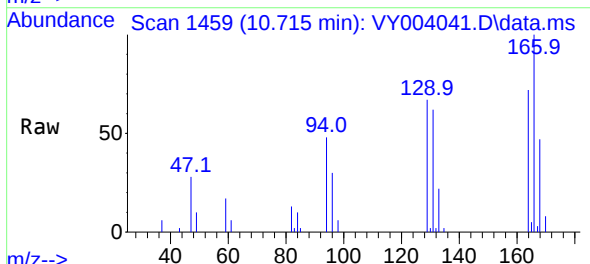
Tgt Ion:117 Resp: 89387
Ion Ratio Lower Upper
117 100
82 56.1 43.8 65.6
119 31.9 26.2 39.2

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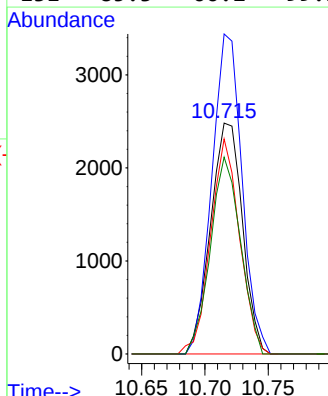
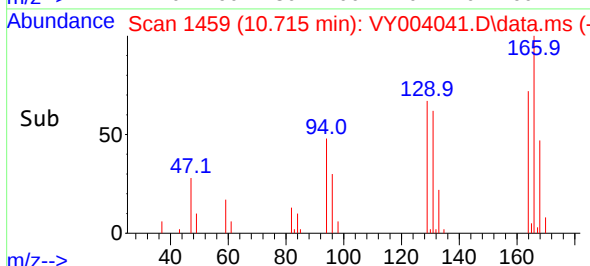
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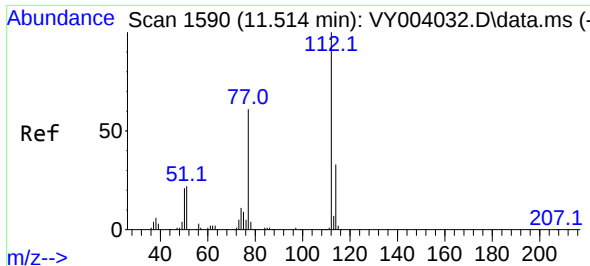


#64
Tetrachloroethene
Concen: 5.28 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY004041.D
Acq: 22 Feb 2021 17:45



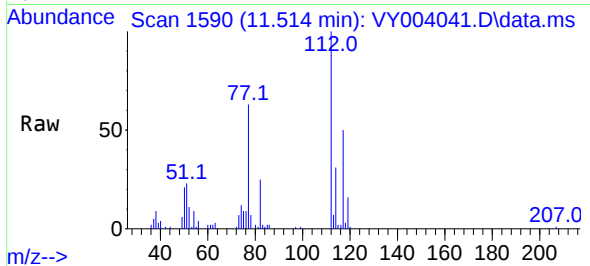
Tgt Ion:164 Resp: 4349
Ion Ratio Lower Upper
164 100
166 138.6 102.7 154.1
129 93.1 70.6 105.8
131 85.3 66.2 99.2





#65
Chlorobenzene
Concen: 5.11 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY004041.D
Acq: 22 Feb 2021 17:45

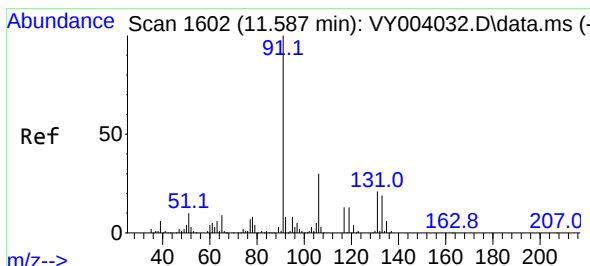
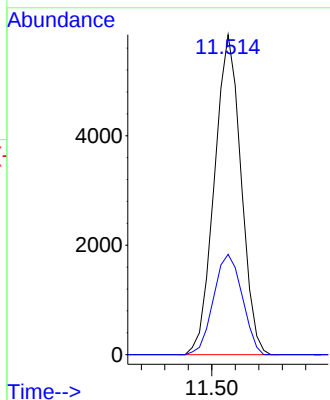
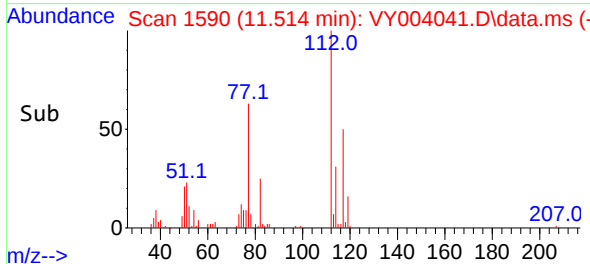
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2021



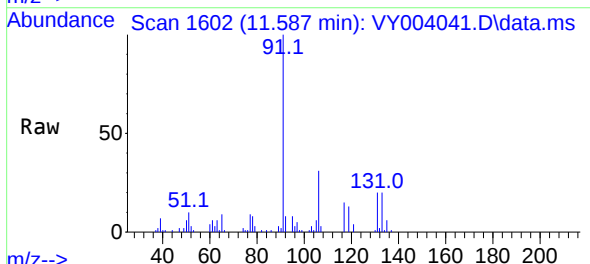
Tgt Ion:112 Resp: 9203
Ion Ratio Lower Upper
112 100
114 31.4 26.5 39.7

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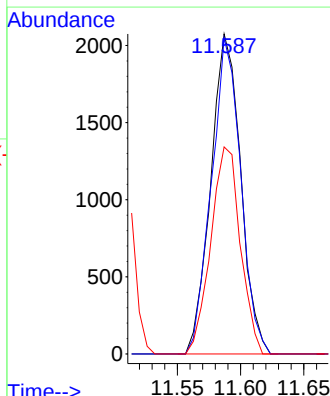
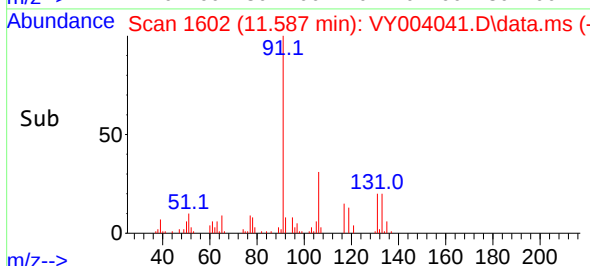
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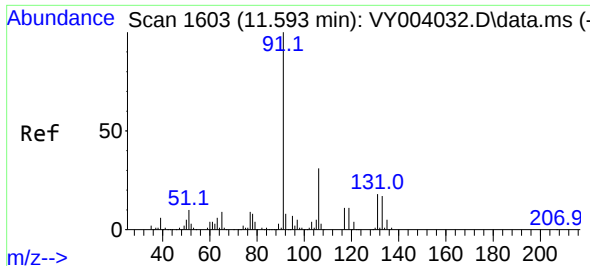


#66
1,1,1,2-Tetrachloroethane
Concen: 4.96 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY004041.D
Acq: 22 Feb 2021 17:45



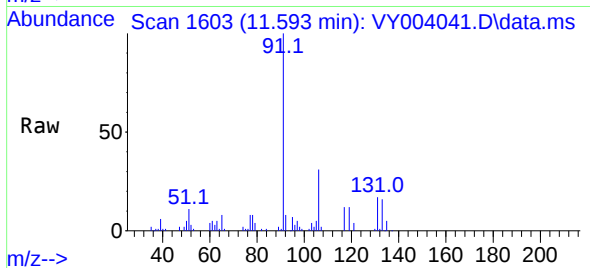
Tgt Ion:131 Resp: 3409
Ion Ratio Lower Upper
131 100
133 96.6 48.1 144.3
119 63.8 31.5 94.5





#67
Ethyl Benzene
Concen: 5.03 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY004041.D
Acq: 22 Feb 2021 17:45

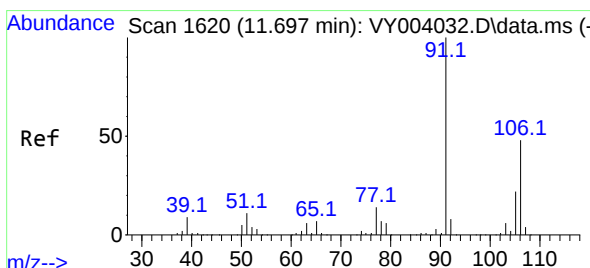
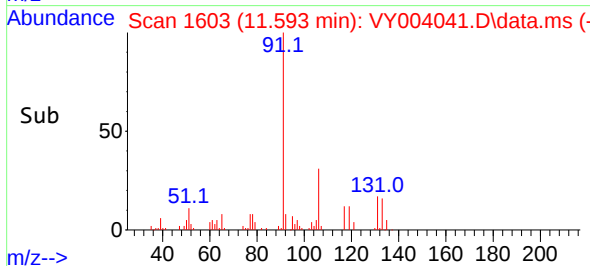
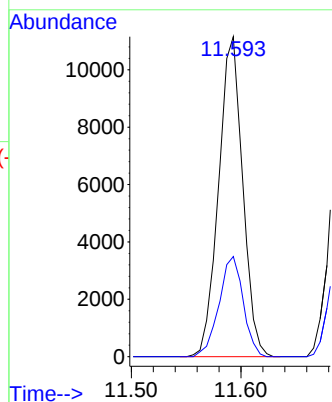
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2021



Tgt Ion: 91 Resp: 16999
Ion Ratio Lower Upper
91 100
106 31.3 24.5 36.7

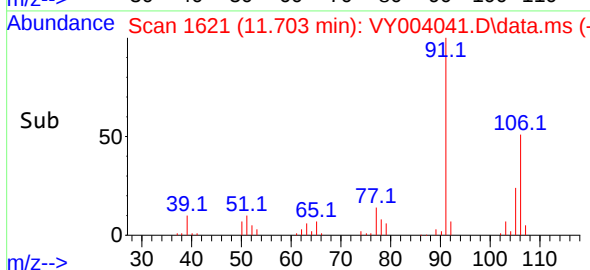
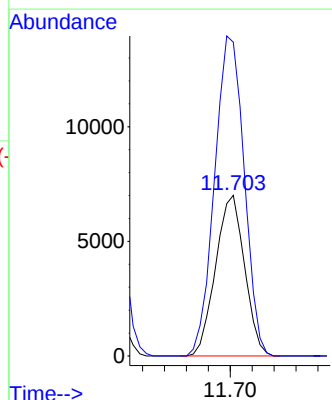
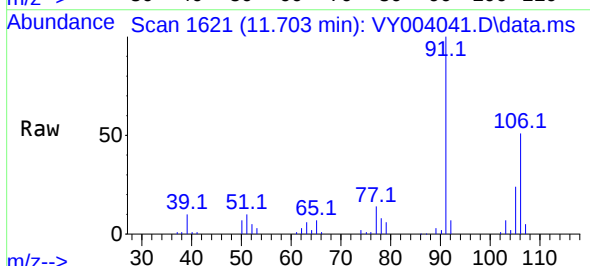
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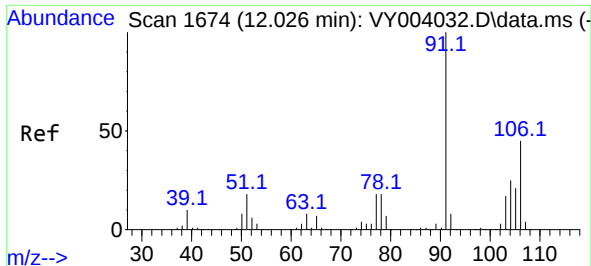
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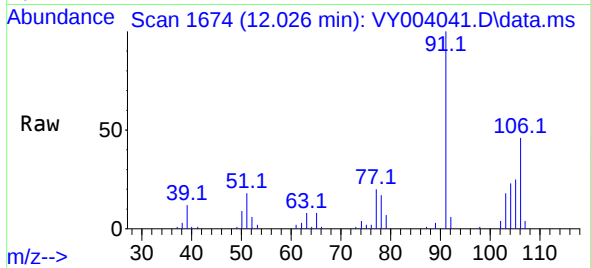
#68
m/p-Xylenes
Concen: 10.32 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.006 min
Lab File: VY004041.D
Acq: 22 Feb 2021 17:45

Tgt Ion: 106 Resp: 12858
Ion Ratio Lower Upper
106 100
91 203.8 165.4 248.0

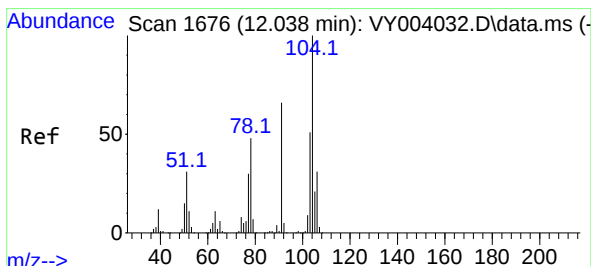
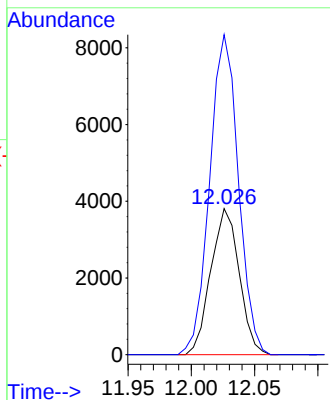
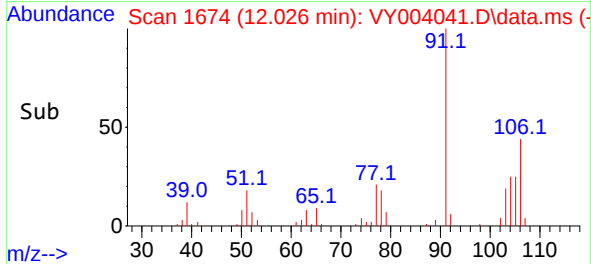




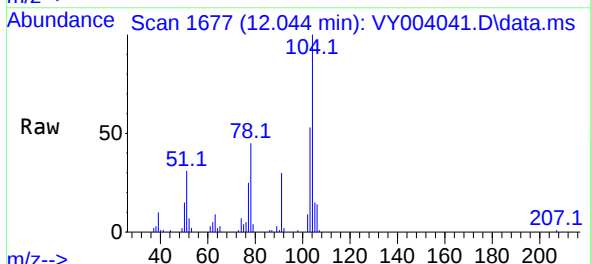
#69
o-Xylene
Concen: 5.08 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY004041.D
Acq: 22 Feb 2021 17:45



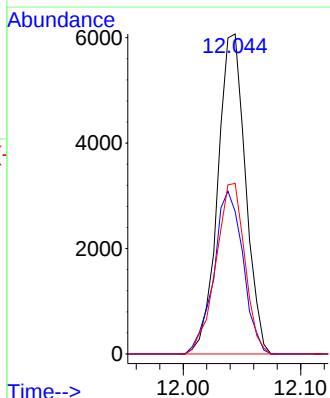
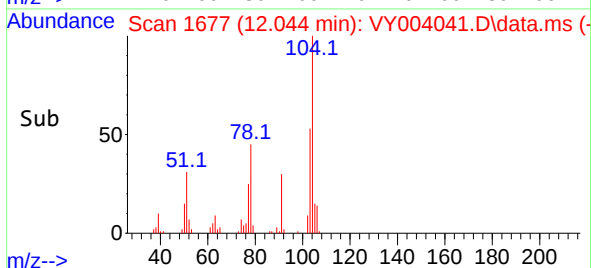
Tgt Ion:106 Resp: 5953
Ion Ratio Lower Upper
106 100
91 221.3 108.9 326.7



#70
Styrene
Concen: 4.95 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VY004041.D
Acq: 22 Feb 2021 17:45



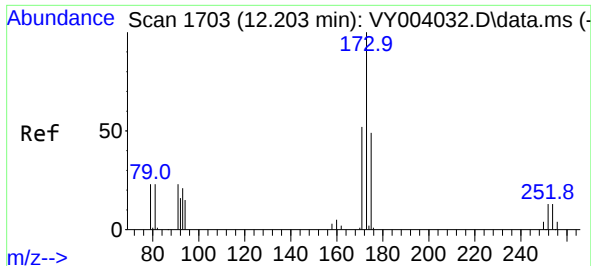
Tgt Ion:104 Resp: 9948
Ion Ratio Lower Upper
104 100
78 53.7 41.1 61.7
103 55.7 43.9 65.9



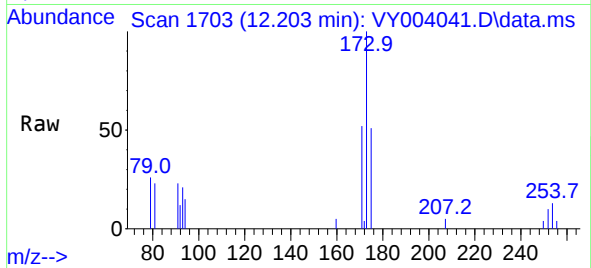
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2021

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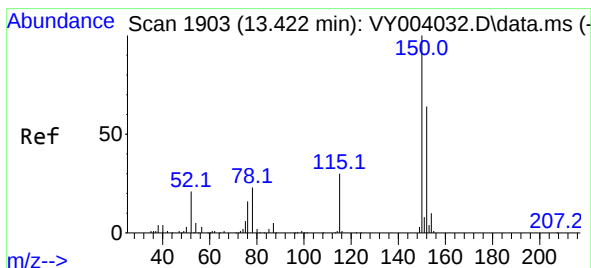
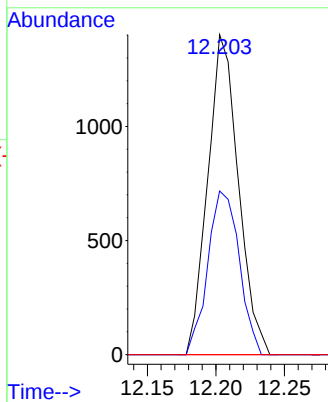
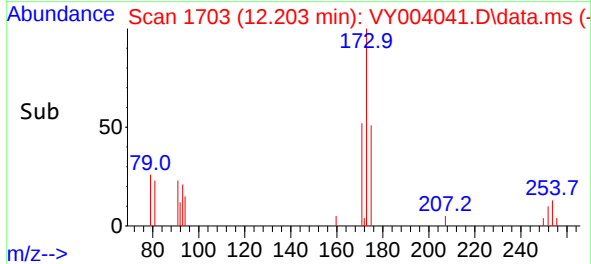
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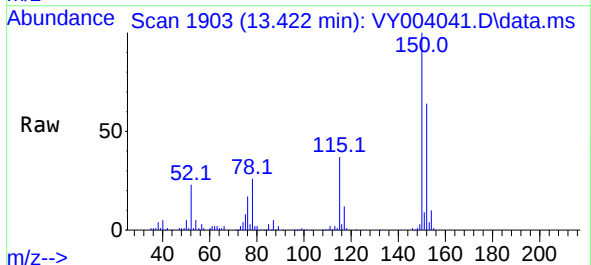
#71
Bromoform
Concen: 4.94 ug/l
RT: 12.203 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VY004041.D
Acq: 22 Feb 2021 17:45



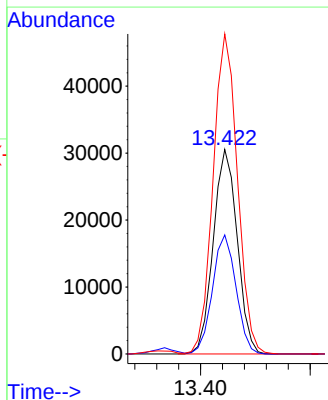
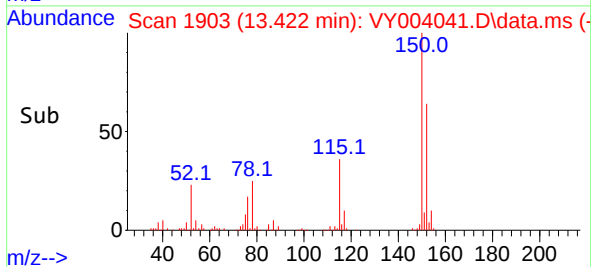
Tgt Ion:173 Resp: 2175
Ion Ratio Lower Upper
173 100
175 52.5 24.1 72.4
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY004041.D
Acq: 22 Feb 2021 17:45



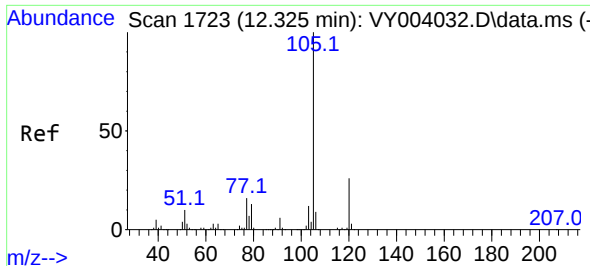
Tgt Ion:152 Resp: 46295
Ion Ratio Lower Upper
152 100
115 57.4 28.2 84.6
150 159.2 0.0 347.2



Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2021

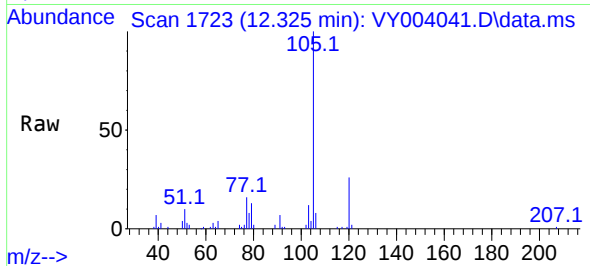
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#73
Isopropylbenzene
Concen: 5.02 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VY004041.D
Acq: 22 Feb 2021 17:45

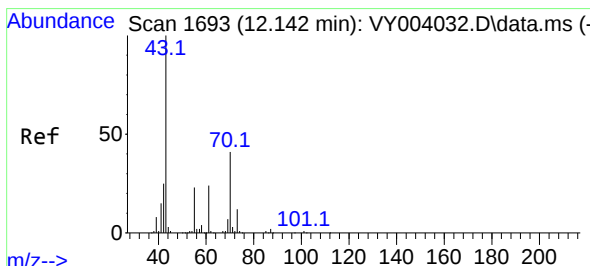
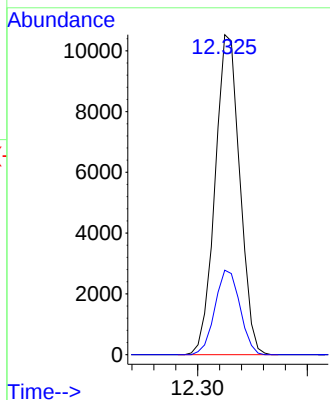
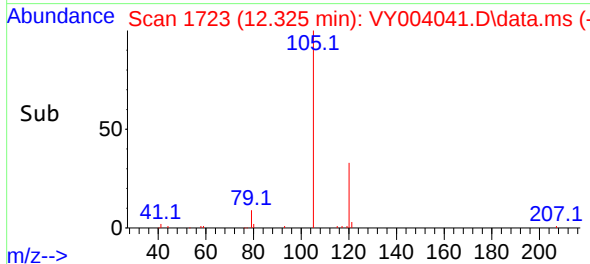
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2021



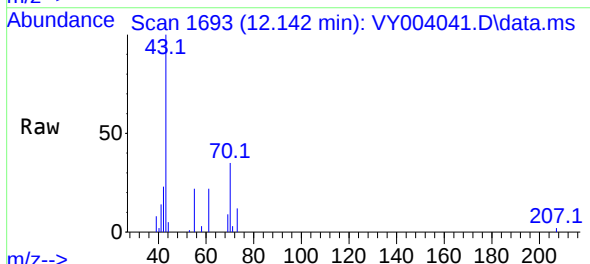
Tgt Ion: 105 Resp: 16488
Ion Ratio Lower Upper
105 100
120 26.7 13.3 39.9

Manual Integrations
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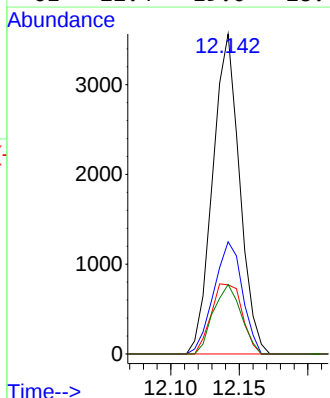
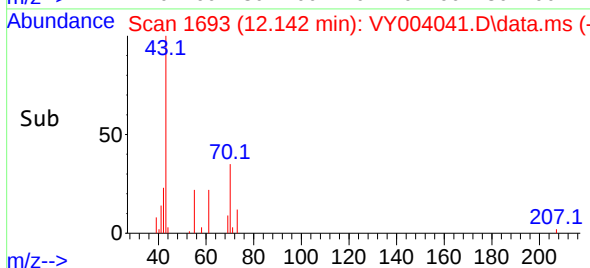
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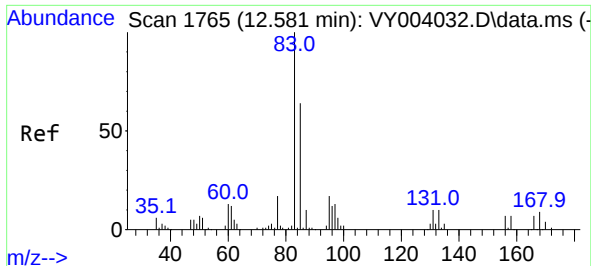


#74
N-ethyl acetate
Concen: 4.90 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY004041.D
Acq: 22 Feb 2021 17:45



Tgt Ion: 43 Resp: 4869
Ion Ratio Lower Upper
43 100
70 37.2 32.3 48.5
55 25.1 18.4 27.6
61 22.4 19.0 28.4





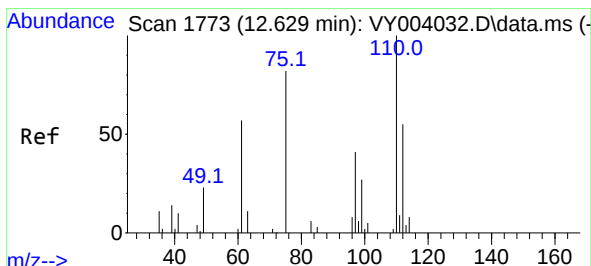
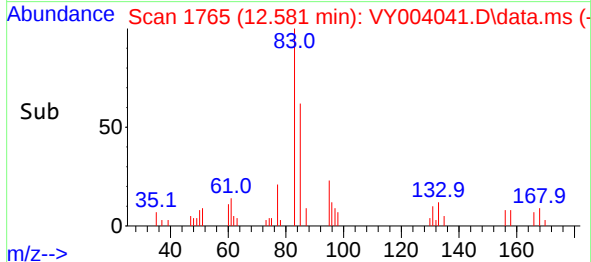
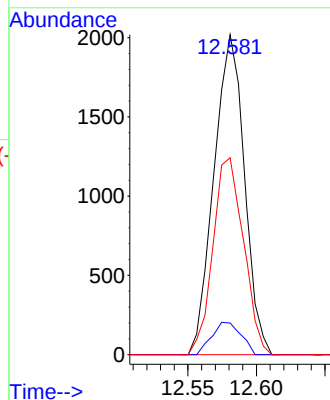
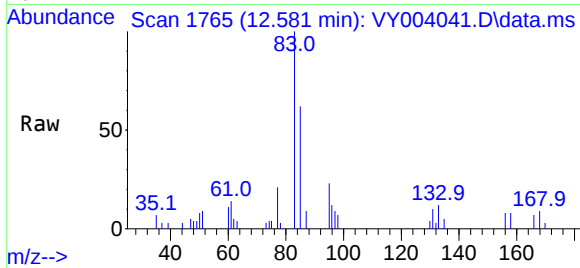
#75
1,1,2,2-Tetrachloroethane
Concen: 5.22 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY004041.D
Acq: 22 Feb 2021 17:45

Tgt Ion:	83	Resp:	3121
Ion	Ratio	Lower	Upper
83	100		
131	9.7	5.5	16.4
85	61.7	31.6	95.0

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2021

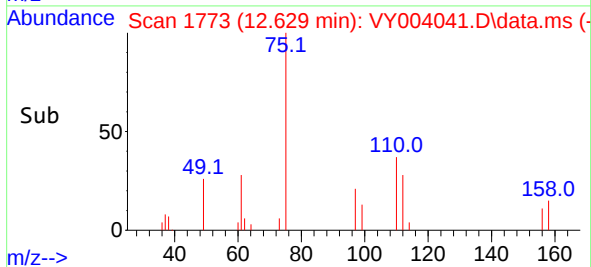
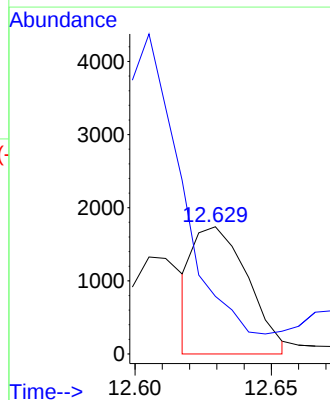
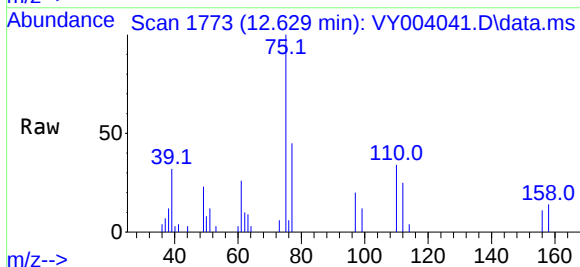
Manual Integrations
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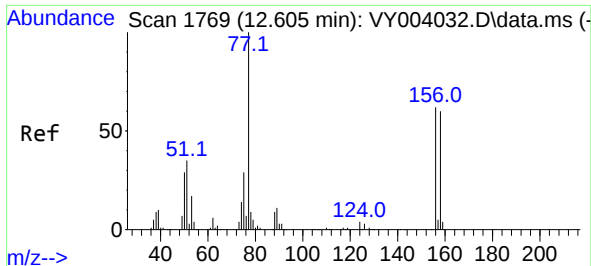
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#76
1,2,3-Trichloropropane
Concen: 5.16 ug/l m
RT: 12.629 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY004041.D
Acq: 22 Feb 2021 17:45

Tgt Ion:	75	Resp:	2399
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





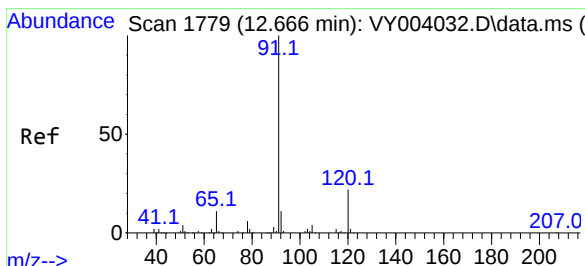
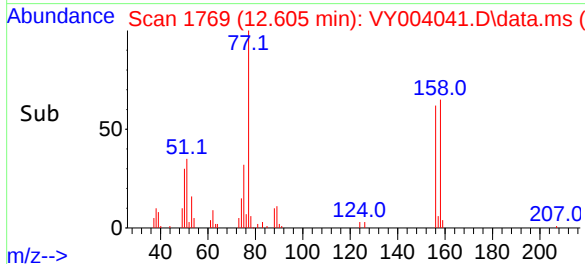
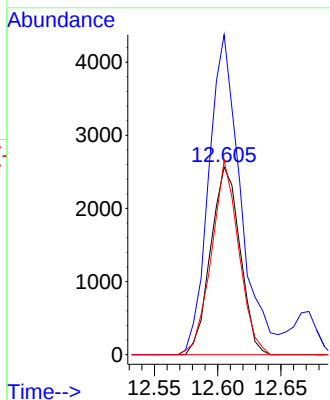
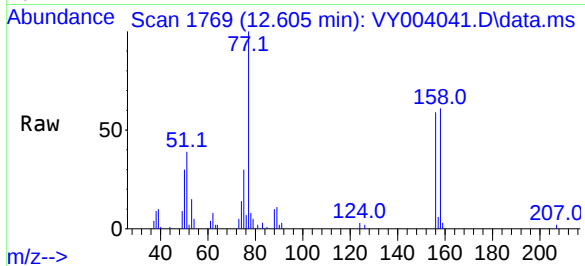
#77
Bromobenzene
Concen: 5.11 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY004041.D
Acq: 22 Feb 2021 17:45

Tgt Ion:	156	Resp:	4132
Ion Ratio	Lower	Upper	
156	100		
77	185.5	90.5	271.3
158	96.7	48.9	146.6

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2021

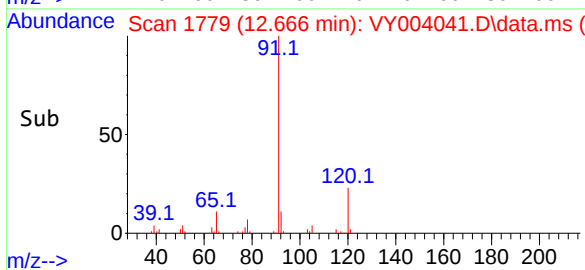
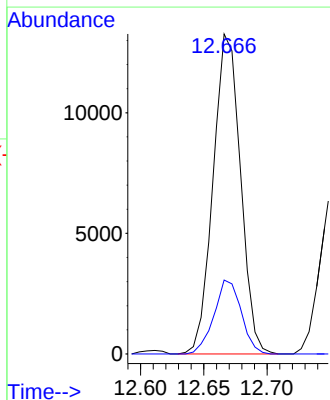
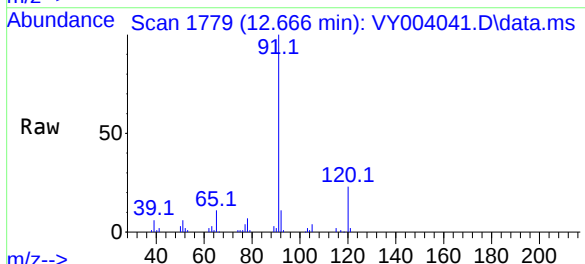
Manual Integrations
APPROVED

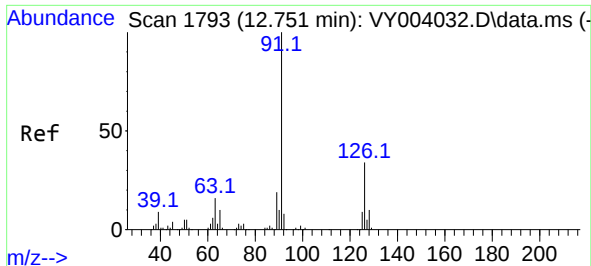
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#78
n-propylbenzene
Concen: 5.07 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VY004041.D
Acq: 22 Feb 2021 17:45

Tgt Ion:	91	Resp:	19954
Ion Ratio	Lower	Upper	
91	100		
120	23.0	11.3	33.9





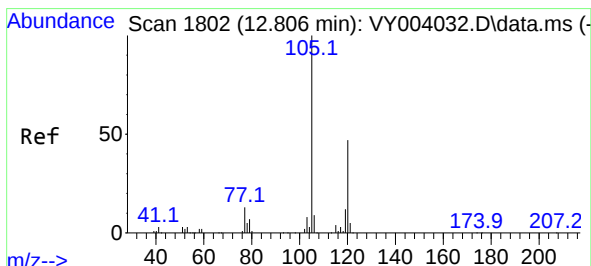
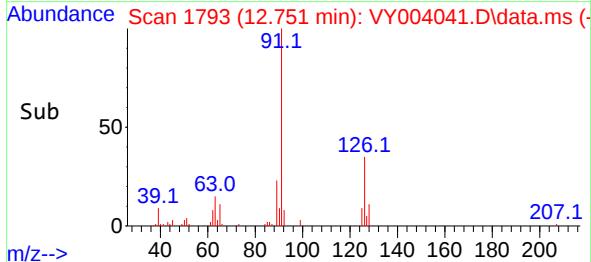
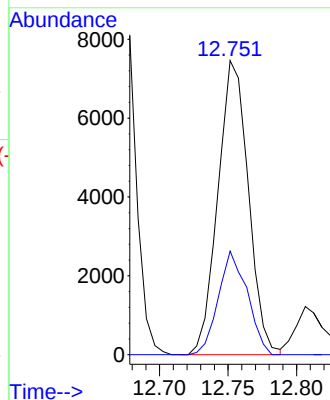
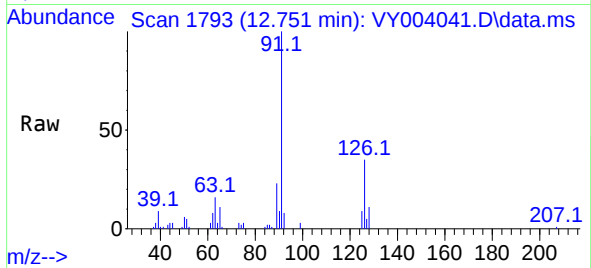
#79
2-Chlorotoluene
Concen: 5.17 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VY004041.D
Acq: 22 Feb 2021 17:45

Tgt Ion: 91 Resp: 11550
Ion Ratio Lower Upper
91 100
126 33.5 17.0 51.0

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2021

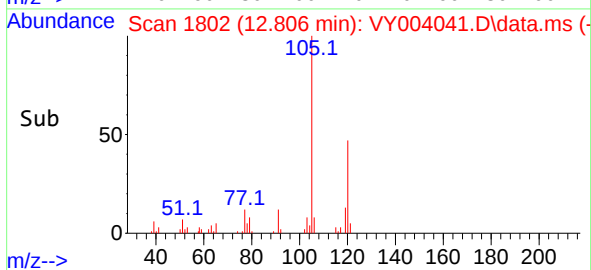
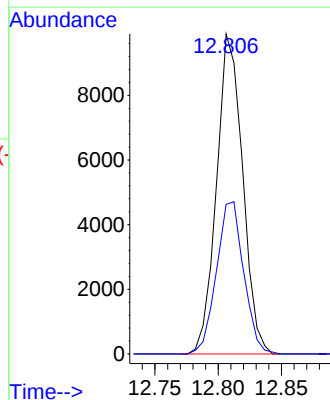
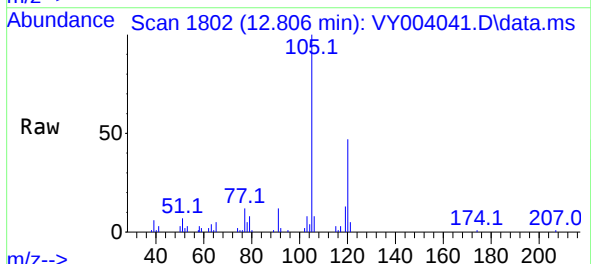
Manual Integrations
APPROVED

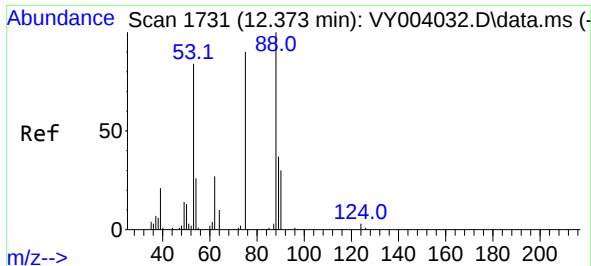
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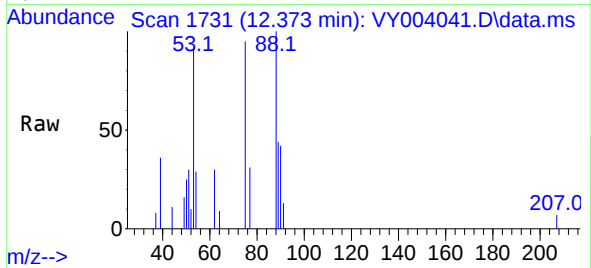
#80
1,3,5-Trimethylbenzene
Concen: 5.05 ug/l
RT: 12.806 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VY004041.D
Acq: 22 Feb 2021 17:45

Tgt Ion: 105 Resp: 14155
Ion Ratio Lower Upper
105 100
120 49.8 24.1 72.2

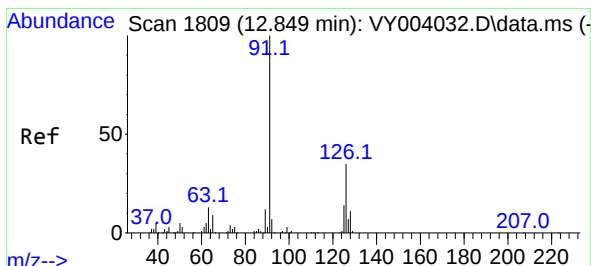
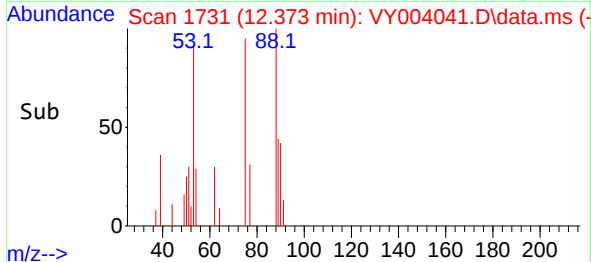
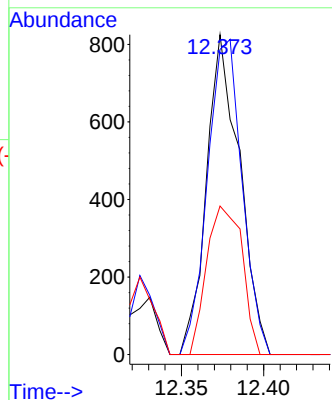




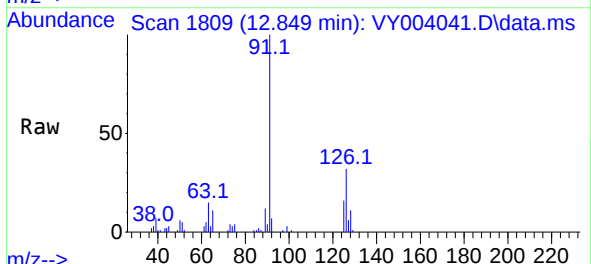
#81
trans-1,4-Dichloro-2-butene
Concen: 4.62 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. 0.000 min
Lab File: VY004041.D
Acq: 22 Feb 2021 17:45



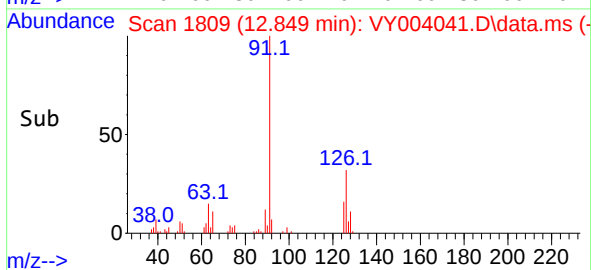
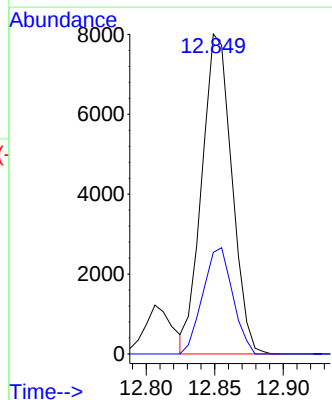
Tgt Ion:	75	Resp:	1156
Ion	Ratio	Lower	Upper
75	100		
53	102.7	73.5	110.3
89	49.7	35.7	53.5



#82
4-Chlorotoluene
Concen: 5.21 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VY004041.D
Acq: 22 Feb 2021 17:45



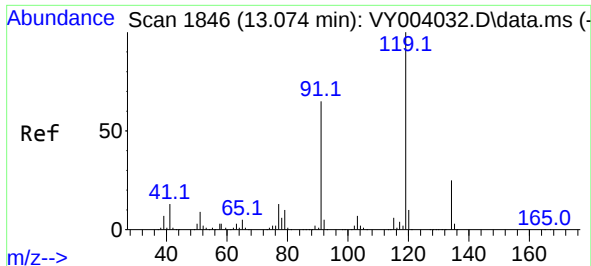
Tgt Ion:	91	Resp:	12204
Ion	Ratio	Lower	Upper
91	100		
126	33.0	16.8	50.4



Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2021

Manual Integrations
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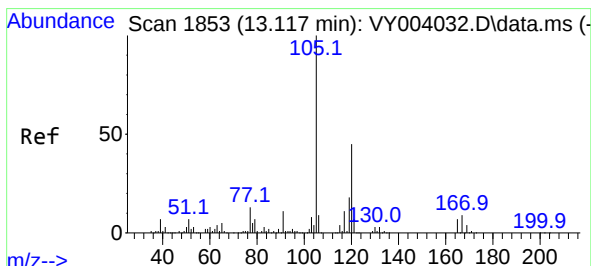
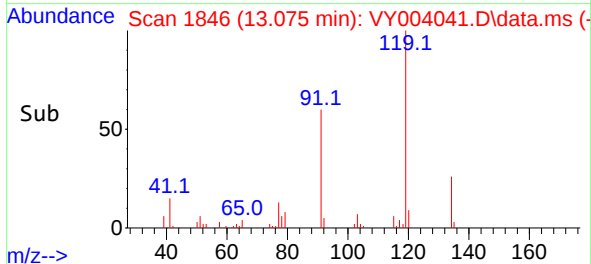
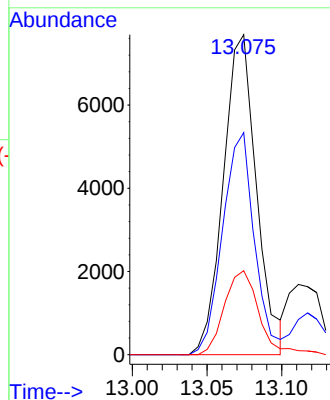
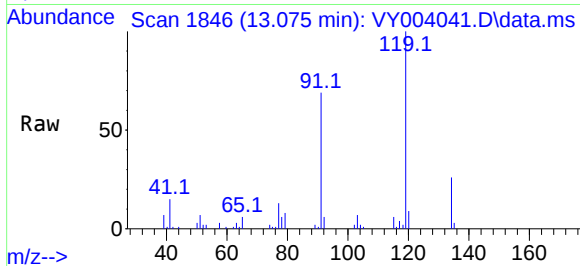
#83
tert-Butylbenzene
Concen: 4.95 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY004041.D
Acq: 22 Feb 2021 17:45

Tgt Ion:119 Resp: 11886
Ion Ratio Lower Upper
119 100
91 66.7 33.0 99.0
134 27.4 12.9 38.7

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2021

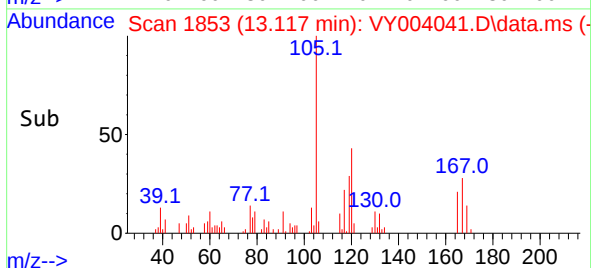
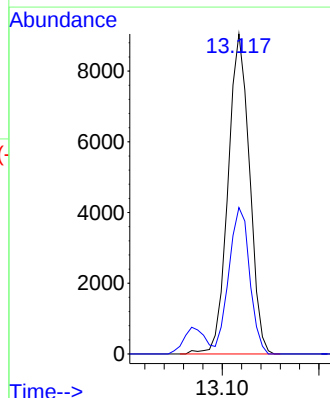
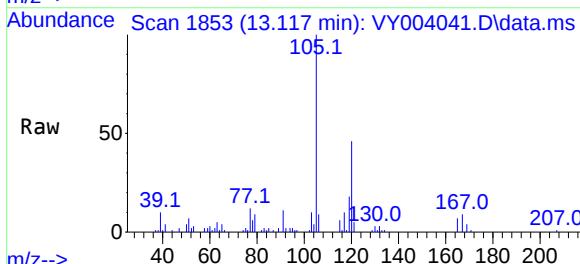
Manual Integrations
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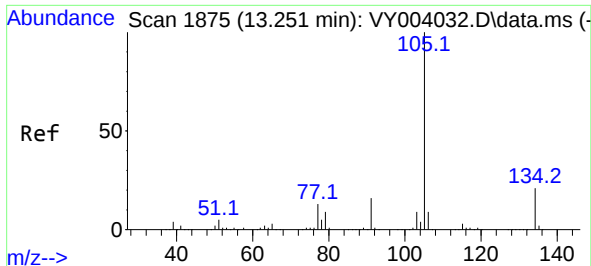
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#84
1,2,4-Trimethylbenzene
Concen: 4.97 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY004041.D
Acq: 22 Feb 2021 17:45

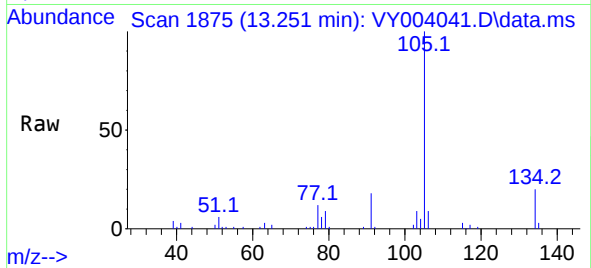
Tgt Ion:105 Resp: 13953
Ion Ratio Lower Upper
105 100
120 44.0 22.1 66.3





#85
 sec-Butylbenzene
 Concen: 5.10 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY004041.D
 Acq: 22 Feb 2021 17:45

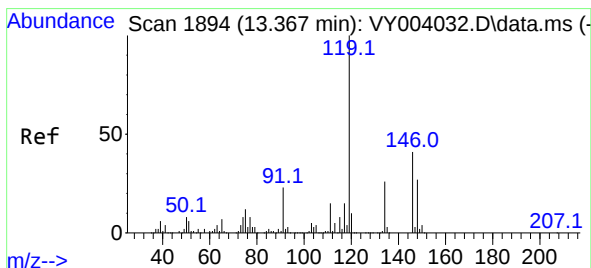
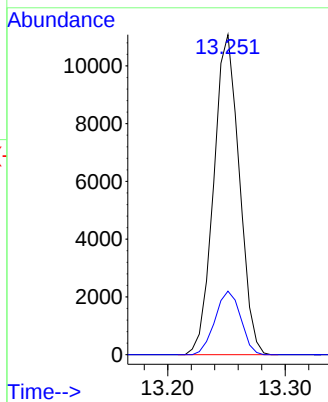
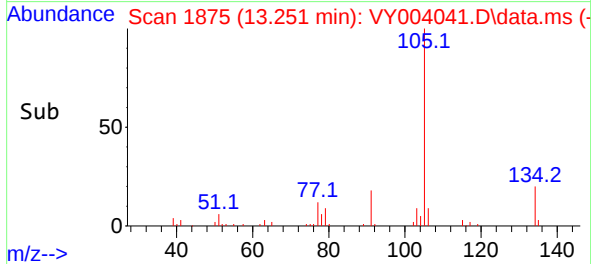
Instrument :
 MSVOA_Y
 ClientSampleId :
 LOQ-SOIL-02-QT1-2021



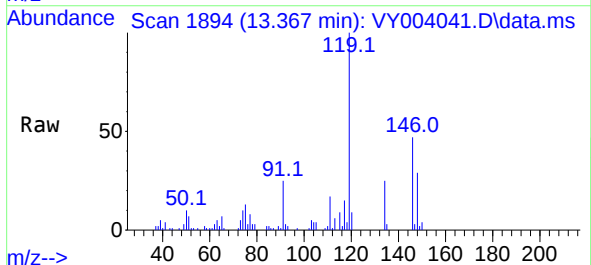
Tgt Ion:105 Resp: 16787
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.2 30.4

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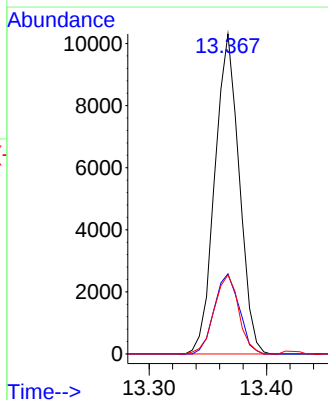
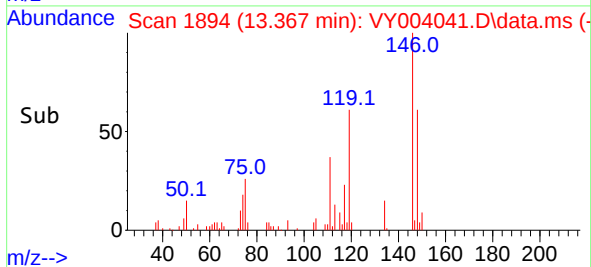
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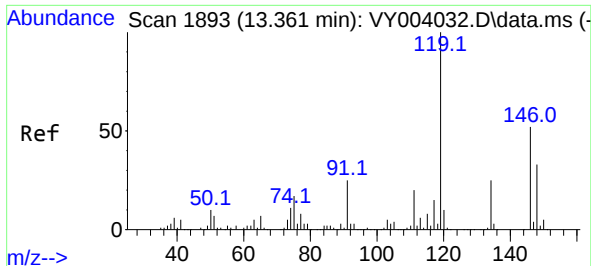


#86
 p-Isopropyltoluene
 Concen: 4.86 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY004041.D
 Acq: 22 Feb 2021 17:45

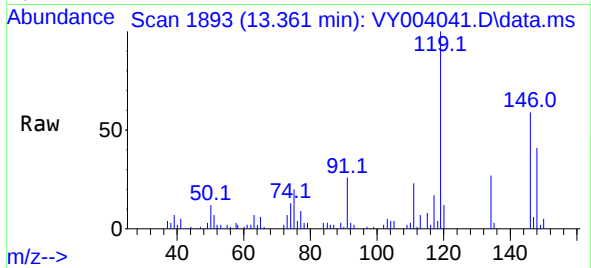


Tgt Ion:119 Resp: 14883
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.2 39.5
 91 24.9 12.1 36.3

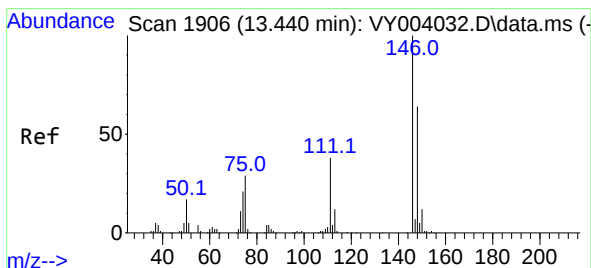
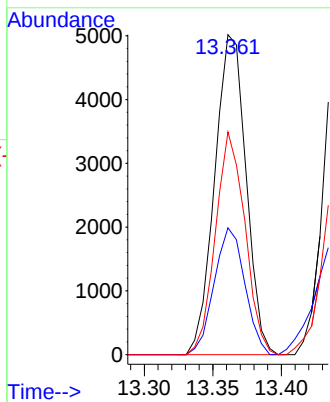
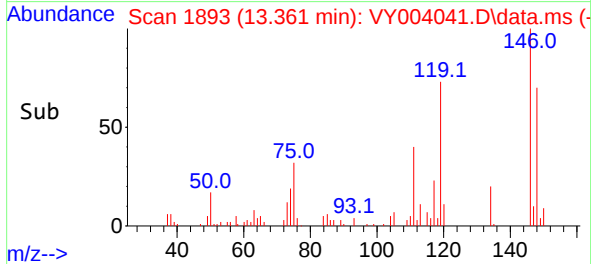




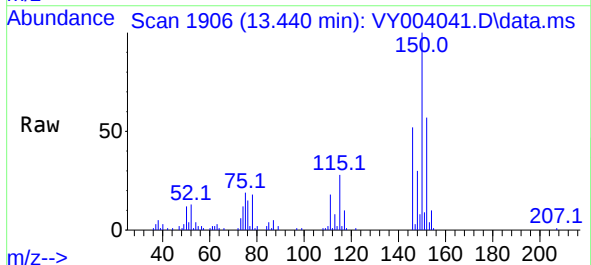
#87
1,3-Dichlorobenzene
Concen: 5.19 ug/l
RT: 13.361 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VY004041.D
Acq: 22 Feb 2021 17:45



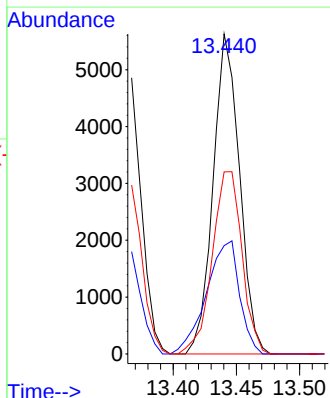
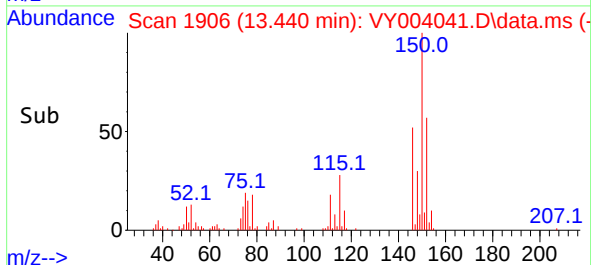
Tgt Ion:146 Resp: 7992
Ion Ratio Lower Upper
146 100
111 38.7 18.9 56.7
148 65.4 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 5.33 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. 0.000 min
Lab File: VY004041.D
Acq: 22 Feb 2021 17:45



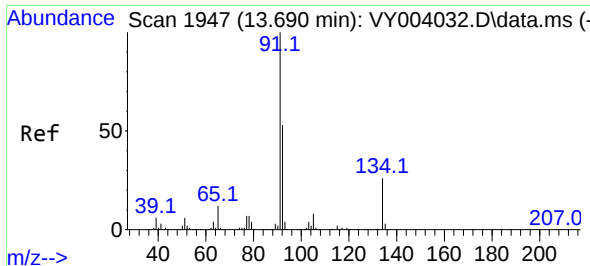
Tgt Ion:146 Resp: 8162
Ion Ratio Lower Upper
146 100
111 44.3 18.6 55.8
148 64.3 31.8 95.4



Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2021

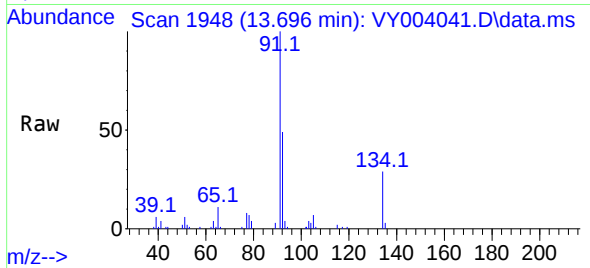
Manual Integrations
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#89
n-Butylbenzene
Concen: 4.84 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.006 min
Lab File: VY004041.D
Acq: 22 Feb 2021 17:45

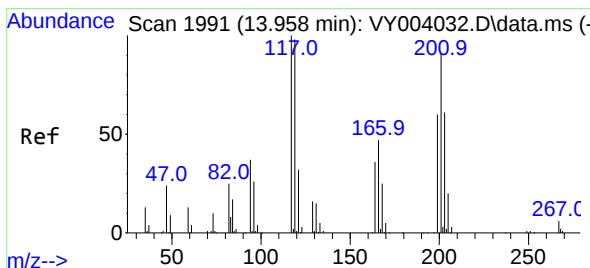
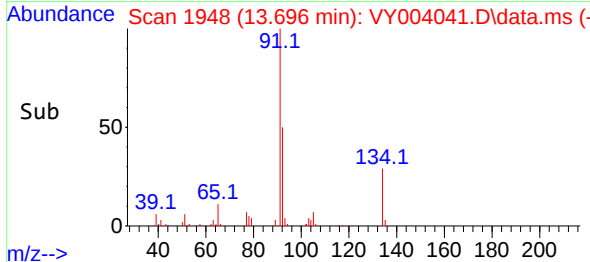
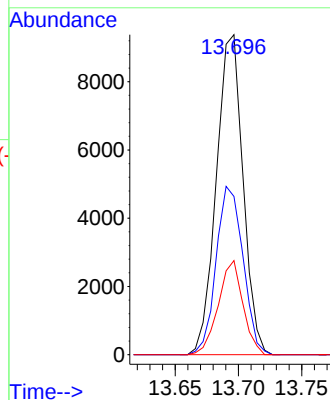
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2021



Tgt Ion: 91 Resp: 13768
Ion Ratio Lower Upper
91 100
92 52.9 26.5 79.4
134 27.1 13.2 39.5

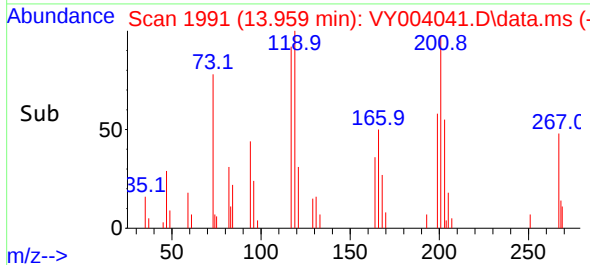
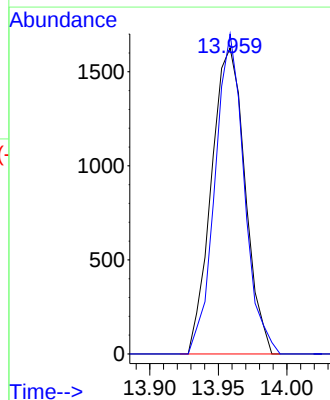
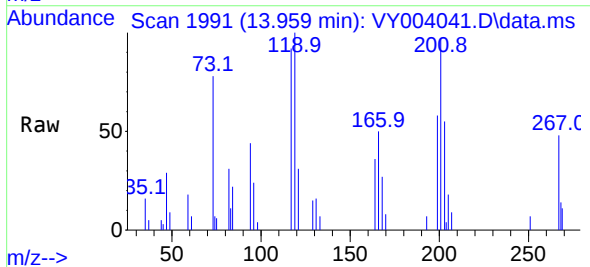
Manual Integrations
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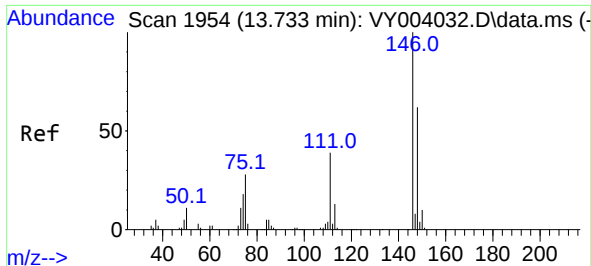
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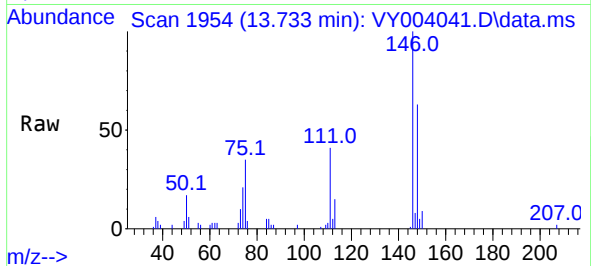
#90
Hexachloroethane
Concen: 5.09 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY004041.D
Acq: 22 Feb 2021 17:45

Tgt Ion: 117 Resp: 2778
Ion Ratio Lower Upper
117 100
201 90.9 46.0 138.0



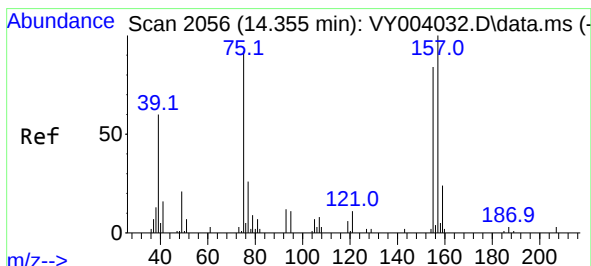
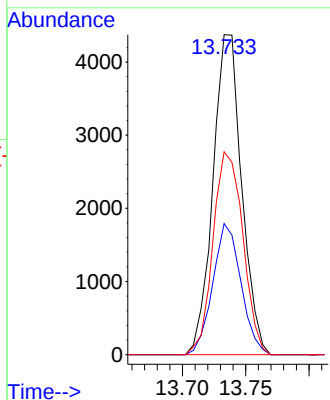
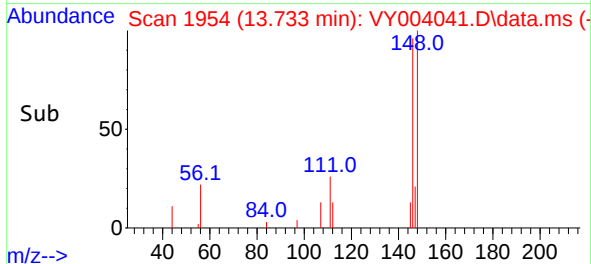


#91
1,2-Dichlorobenzene
Concen: 5.07 ug/l
RT: 13.733 min Scan# 1954
Delta R.T. 0.000 min
Lab File: VY004041.D
Acq: 22 Feb 2021 17:45

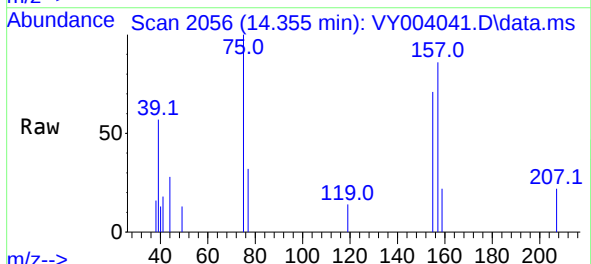


Tgt Ion: 146 Resp: 6908

Ion	Ratio	Lower	Upper
146	100		
111	40.2	19.6	58.8
148	65.8	31.9	95.7

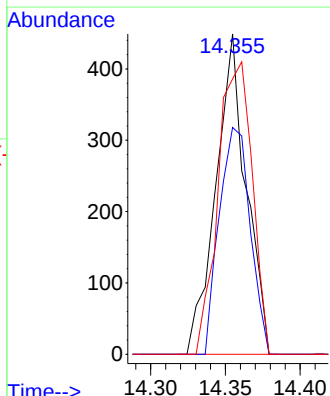
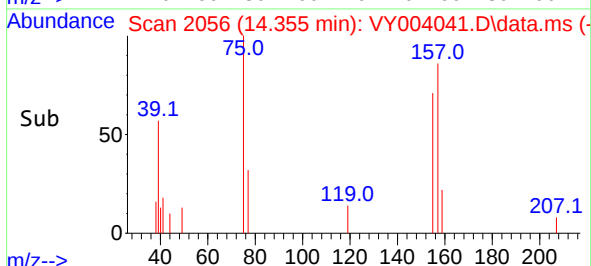


#92
1,2-Dibromo-3-Chloropropane
Concen: 5.53 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY004041.D
Acq: 22 Feb 2021 17:45



Tgt Ion: 75 Resp: 634

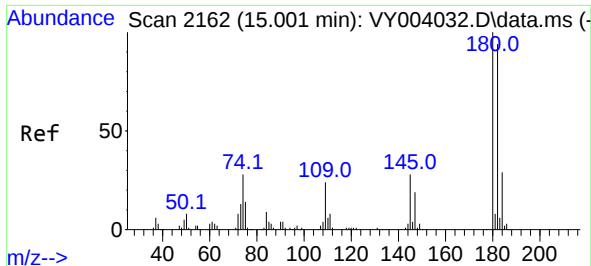
Ion	Ratio	Lower	Upper
75	100		
155	71.9	42.8	128.4
157	102.5	52.4	157.3



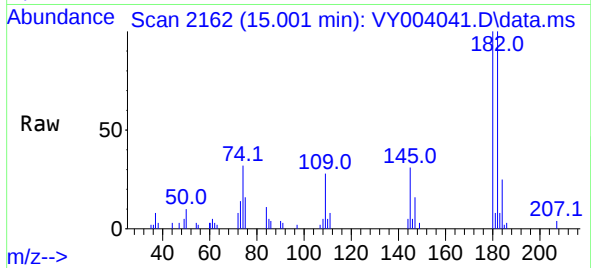
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2021

Manual Integrations
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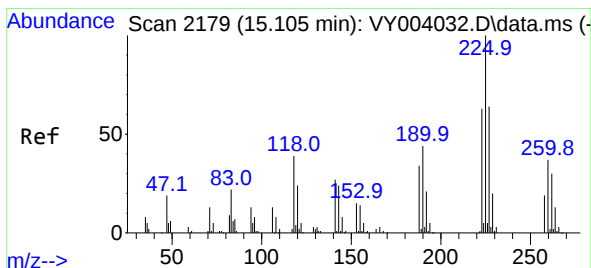
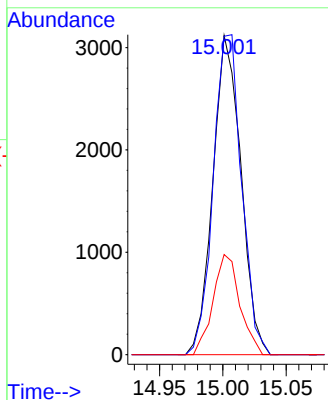
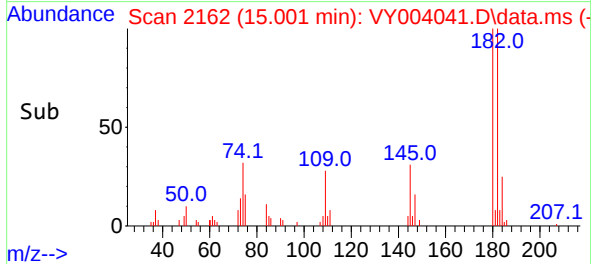
MMDadoda
2/23/2021 1:06:51 PM



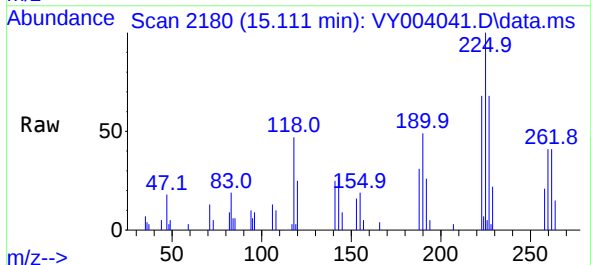
#93
1,2,4-Trichlorobenzene
Concen: 4.91 ug/l
RT: 15.001 min Scan# 2162
Delta R.T. 0.000 min
Lab File: VY004041.D
Acq: 22 Feb 2021 17:45



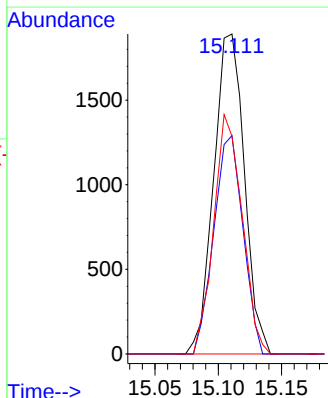
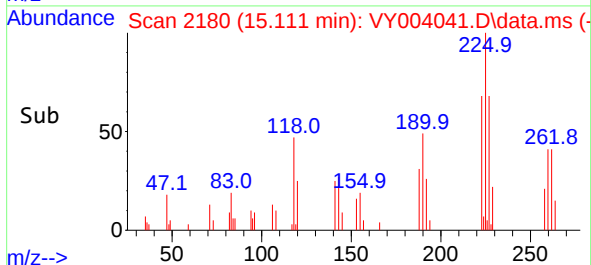
Tgt Ion:	180	Resp:	4808
Ion Ratio	Lower	Upper	
180	100		
182	100.9	48.0	144.0
145	30.0	14.1	42.2



#94
Hexachlorobutadiene
Concen: 5.14 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. 0.006 min
Lab File: VY004041.D
Acq: 22 Feb 2021 17:45



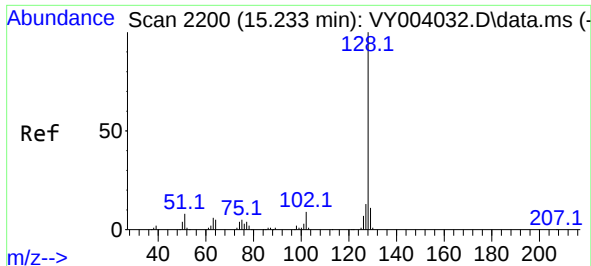
Tgt Ion:	225	Resp:	3179
Ion Ratio	Lower	Upper	
225	100		
223	65.1	31.5	94.5
227	69.4	32.1	96.3



Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2021

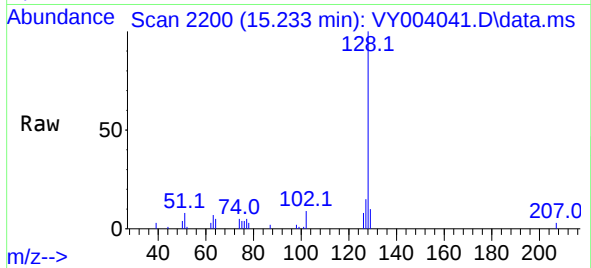
Manual Integrations
APPROVED

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2/23/2021 1:06:51 PM



#95
Naphthalene
Concen: 4.84 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. 0.000 min
Lab File: VY004041.D
Acq: 22 Feb 2021 17:45

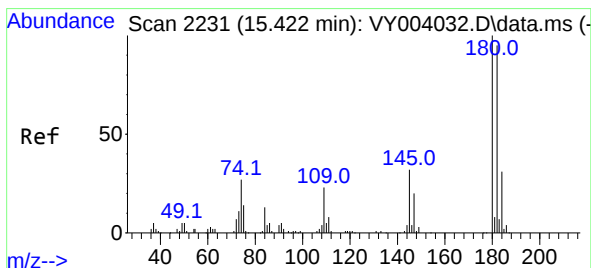
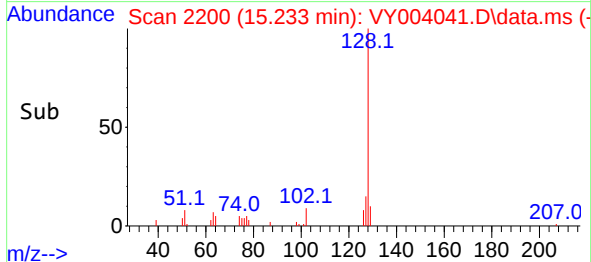
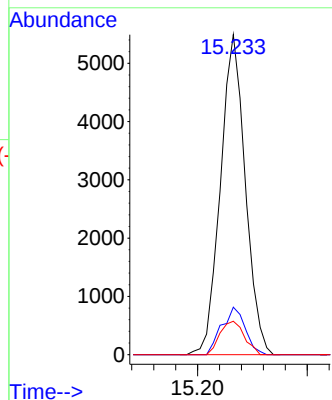
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2021



Tgt Ion	Ratio	Lower	Upper
128	100		
127	14.0	10.6	16.0
129	10.2	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
2/23/2021 1:06:51 PM



#96
1,2,3-Trichlorobenzene
Concen: 5.24 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. 0.000 min
Lab File: VY004041.D
Acq: 22 Feb 2021 17:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	91.6	47.6	142.8
145	30.2	15.3	45.9

