

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022221\
 Data File : VY004040.D
 Acq On : 22 Feb 2021 17:22
 Operator : SY/MD
 Sample : M1458-01 4PPBLOD
 Misc : 5.00g/5mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: Feb 23 04:15:24 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	7.789	168	64330	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	98284	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	90159	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	44002	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	39583	55.14	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.28%	
35) Dibromofluoromethane	7.722	113	31048	52.40	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.80%	
50) Toluene-d8	10.178	98	126283	53.15	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.30%	
62) 4-Bromofluorobenzene	12.477	95	42703	50.88	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 101.76%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.899	85	2653	4.35	ug/l	97
3) Chloromethane	2.113	50	4718	5.17	ug/l	97
4) Vinyl Chloride	2.253	62	4185	4.73	ug/l	99
5) Bromomethane	2.649	94	2971	5.01	ug/l	92
6) Chloroethane	2.796	64	2415	4.52	ug/l	95
7) Trichlorofluoromethane	3.125	101	4903	4.43	ug/l	95
8) Diethyl Ether	3.527	74	1518	4.29	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.899	101	2358	3.99	ug/l	96
10) Methyl Iodide	4.088	142	2783	3.75	ug/l	98
11) Tert butyl alcohol	4.954	59	1451	13.62	ug/l #	76
12) 1,1-Dichloroethene	3.875	96	2590	4.36	ug/l	97
13) Acrolein	3.735	56	1530	21.43	ug/l	98
14) Allyl chloride	4.484	41	4816	4.28	ug/l	99
15) Acrylonitrile	5.173	53	3919	21.00	ug/l	99
16) Acetone	3.954	43	3473	19.14	ug/l	95
17) Carbon Disulfide	4.192	76	8392	4.37	ug/l #	93
18) Methyl Acetate	4.490	43	1850	4.34	ug/l #	90
19) Methyl tert-butyl Ether	5.228	73	7457	4.28	ug/l	96
20) Methylene Chloride	4.722	84	5783	7.89	ug/l	98
21) trans-1,2-Dichloroethene	5.222	96	2857	4.28	ug/l	91
22) Diisopropyl ether	6.124	45	9463	4.28	ug/l	97
23) Vinyl Acetate	6.063	43	30715	20.50	ug/l	99
24) 1,1-Dichloroethane	6.027	63	5312	4.49	ug/l #	92
25) 2-Butanone	6.990	43	4926	19.05	ug/l	92
26) 2,2-Dichloropropane	6.984	77	4809	4.39	ug/l	95
27) cis-1,2-Dichloroethene	6.990	96	3291	4.49	ug/l	98
28) Bromochloromethane	7.338	49	2124	4.06	ug/l #	95
29) Tetrahydrofuran	7.350	42	3301	19.78	ug/l	96
30) Chloroform	7.508	83	5270	4.39	ug/l	96
31) Cyclohexane	7.789	56	6228	5.17	ug/l #	75
32) 1,1,1-Trichloroethane	7.703	97	4748	4.31	ug/l	98
36) 1,1-Dichloropropene	7.917	75	4077	4.14	ug/l	98
37) Ethyl Acetate	7.081	43	2084	3.58	ug/l #	90
38) Carbon Tetrachloride	7.904	117	4239	4.17	ug/l	98
39) Methylcyclohexane	9.185	83	4823	4.06	ug/l	98
40) Benzene	8.161	78	12126	4.44	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	1288	4.19	ug/l #	43
42) 1,2-Dichloroethane	8.234	62	3941	4.39	ug/l	98
43) Isopropyl Acetate	8.276	43	4255	3.88	ug/l	98
44) Trichloroethene	8.935	130	3324	4.40	ug/l	94
45) 1,2-Dichloropropane	9.215	63	3038	4.53	ug/l	97
46) Dibromomethane	9.307	93	1598	4.26	ug/l	98
47) Bromodichloromethane	9.496	83	4066	4.24	ug/l	97
48) Methyl methacrylate	9.288	41	2151	4.01	ug/l	99
49) 1,4-Dioxane	9.294	88	295	65.30	ug/l #	70
51) 4-Methyl-2-Pentanone	10.069	43	10650	18.81	ug/l	99
52) Toluene	10.239	92	7524	4.40	ug/l	95
53) t-1,3-Dichloropropene	10.459	75	4120	4.00	ug/l	95
54) cis-1,3-Dichloropropene	9.929	75	4875	4.23	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	2127	4.01	ug/l	96
56) Ethyl methacrylate	10.508	69	2912	3.84	ug/l	98
57) 1,3-Dichloropropane	10.788	76	3918	4.17	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	7369	21.43	ug/l	98
59) 2-Hexanone	10.831	43	7336	18.38	ug/l	100
60) Dibromochloromethane	10.983	129	2701	4.03	ug/l	100
61) 1,2-Dibromoethane	11.087	107	2072	3.98	ug/l	98
64) Tetrachloroethene	10.715	164	3417	4.11	ug/l	97
65) Chlorobenzene	11.514	112	7668	4.22	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	2990	4.31	ug/l	97
67) Ethyl Benzene	11.593	91	14218	4.17	ug/l	95
68) m/p-Xylenes	11.696	106	10622	8.45	ug/l	99
69) o-Xylene	12.026	106	4823	4.08	ug/l	100
70) Styrene	12.044	104	7963	3.93	ug/l	98
71) Bromoform	12.203	173	1636	3.69	ug/l #	93
73) Isopropylbenzene	12.324	105	13031	4.17	ug/l	99
74) N-amyl acetate	12.142	43	3679	3.90	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.580	83	2297	4.04	ug/l	97
76) 1,2,3-Trichloropropane	12.629	75	1853m	4.20	ug/l	
77) Bromobenzene	12.605	156	3438	4.47	ug/l	95
78) n-propylbenzene	12.666	91	15843	4.24	ug/l	98
79) 2-Chlorotoluene	12.751	91	9322	4.39	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	11320	4.25	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.373	75	819	3.44	ug/l	94
82) 4-Chlorotoluene	12.849	91	9744	4.38	ug/l	99
83) tert-Butylbenzene	13.074	119	9427	4.13	ug/l	96
84) 1,2,4-Trimethylbenzene	13.117	105	10890	4.08	ug/l	98
85) sec-Butylbenzene	13.251	105	12841	4.11	ug/l	98
86) p-Isopropyltoluene	13.367	119	11468	3.94	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	6343	4.33	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	6302	4.33	ug/l	92
89) n-Butylbenzene	13.690	91	11204	4.14	ug/l	99
90) Hexachloroethane	13.958	117	2185	4.21	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	5540	4.28	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.355	75	416	3.82	ug/l	91
93) 1,2,4-Trichlorobenzene	15.001	180	4057	4.36	ug/l	97
94) Hexachlorobutadiene	15.111	225	2561	4.36	ug/l	95
95) Naphthalene	15.232	128	7023	4.14	ug/l	98
96) 1,2,3-Trichlorobenzene	15.421	180	3399	4.28	ug/l	97

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

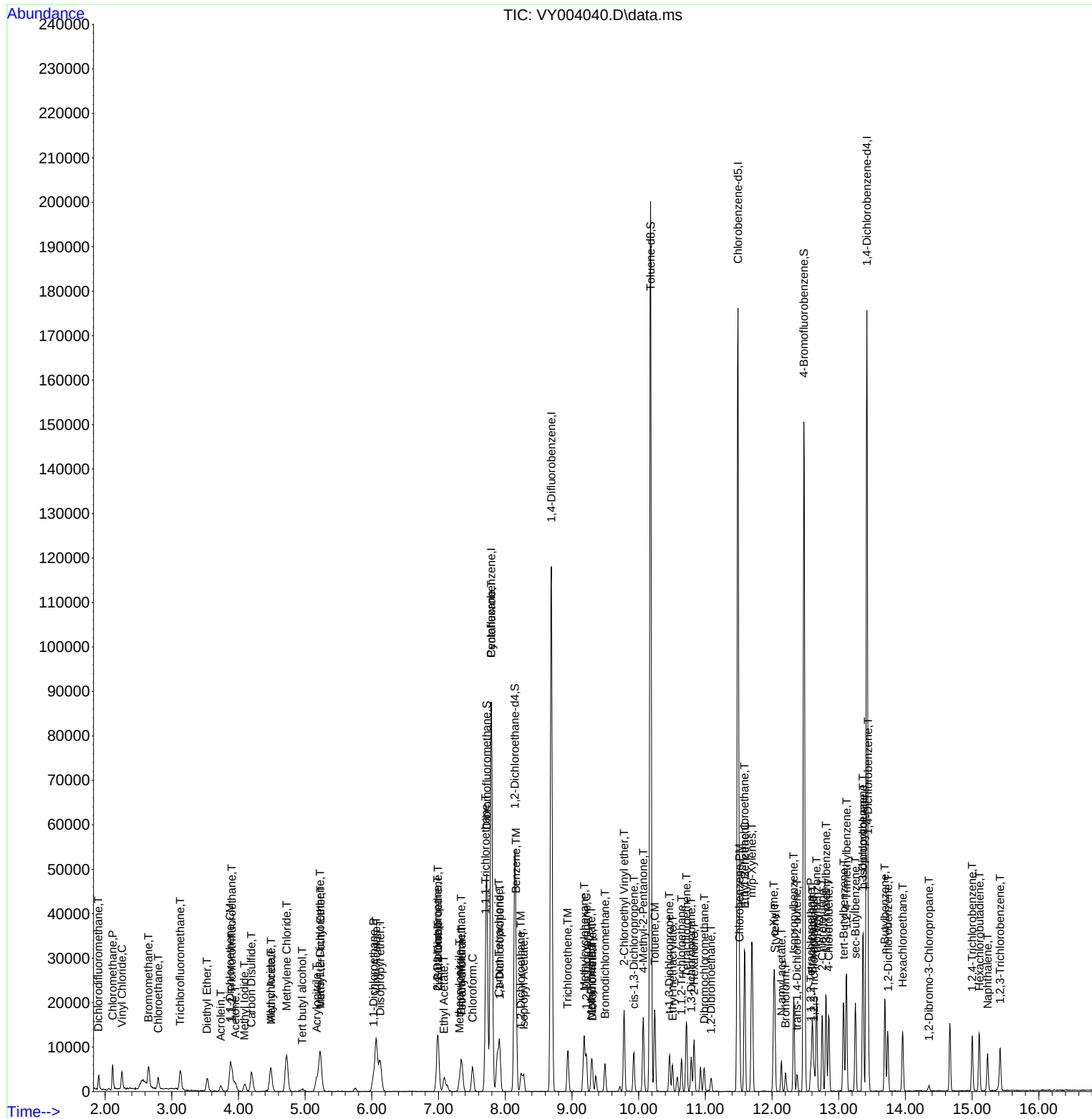
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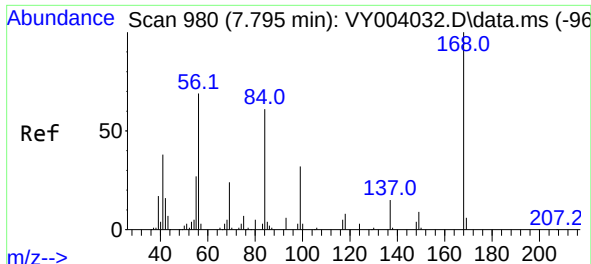
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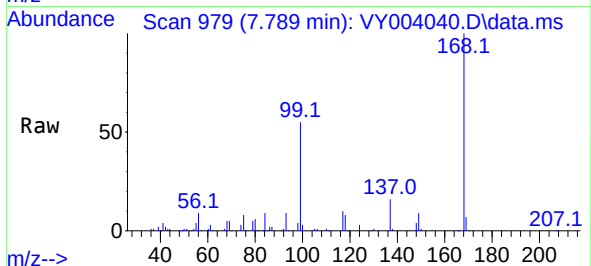
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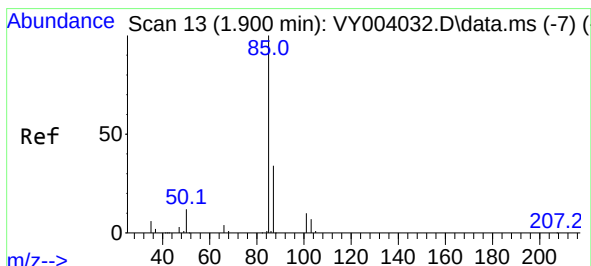
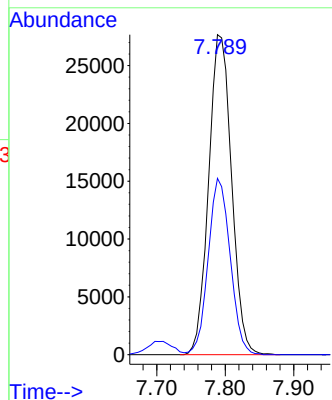
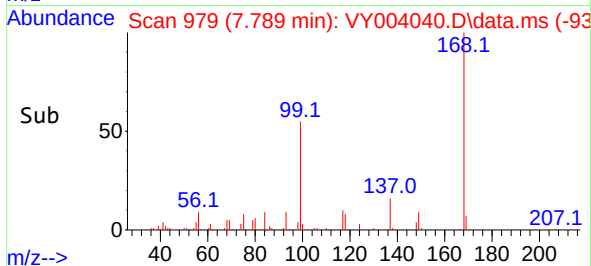




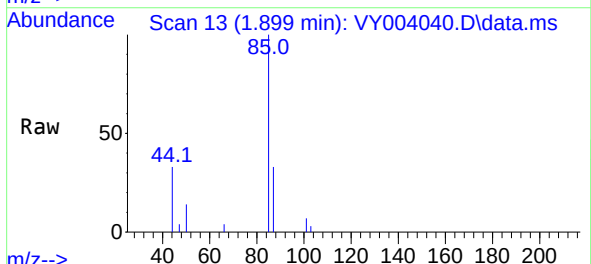
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.006 min
Lab File: VY004040.D
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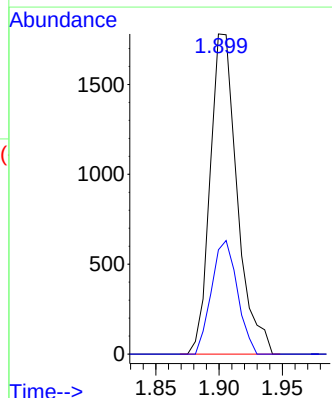
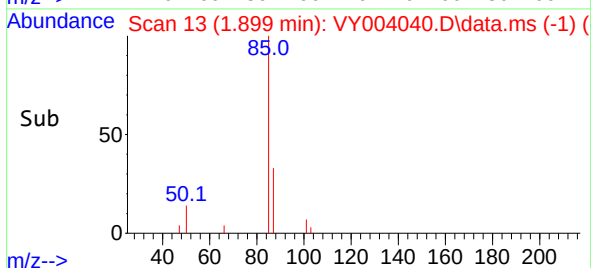
Tgt Ion:168 Resp: 64330
Ion Ratio Lower Upper
168 100
99 55.1 41.2 61.8



#2
Dichlorodifluoromethane
Concen: 4.35 ug/l
RT: 1.899 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY004040.D
Acq: 22 Feb 2021 17:22



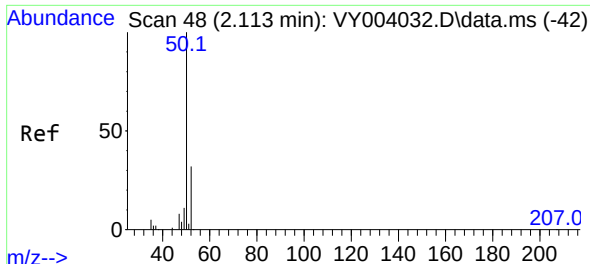
Tgt Ion: 85 Resp: 2653
Ion Ratio Lower Upper
85 100
87 32.6 17.0 51.0



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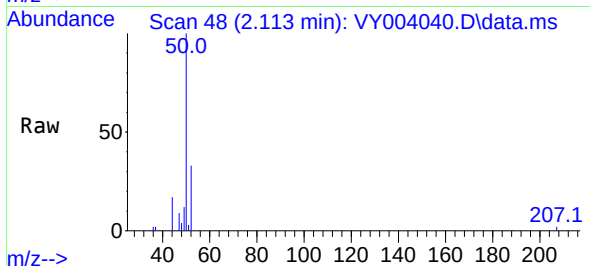
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#3
Chloromethane
Concen: 5.17 ug/l
RT: 2.113 min Scan# 48
Delta R.T. -0.000 min
Lab File: VY004040.D
Acq: 22 Feb 2021 17:22

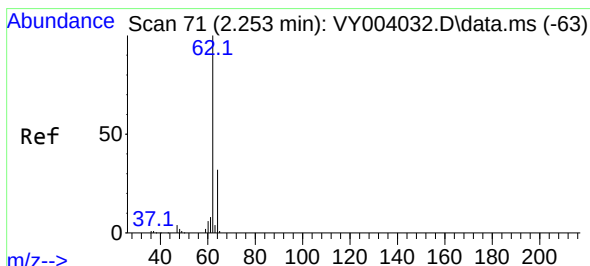
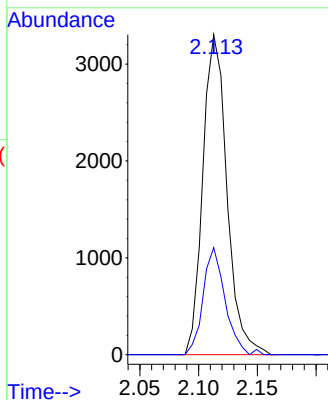
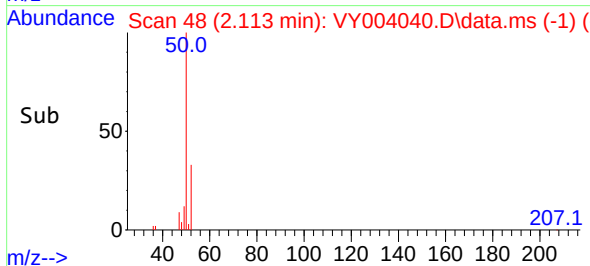
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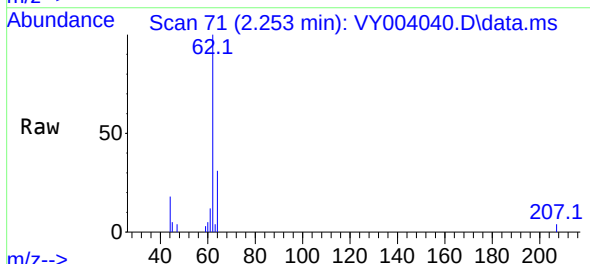
Tgt Ion: 50 Resp: 4718
Ion Ratio Lower Upper
50 100
52 33.4 25.4 38.2

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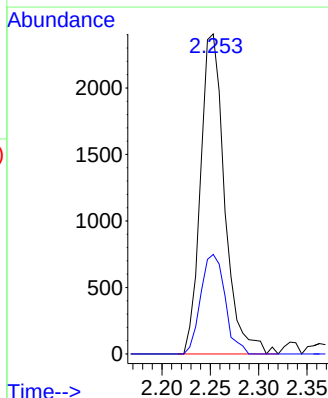
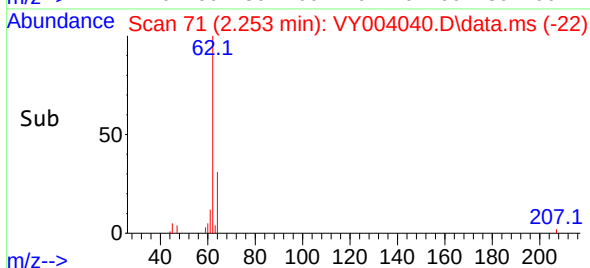
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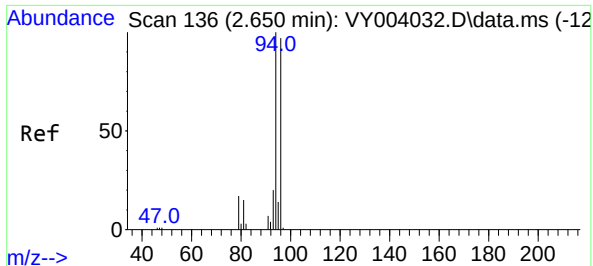


#4
Vinyl Chloride
Concen: 4.73 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.000 min
Lab File: VY004040.D
Acq: 22 Feb 2021 17:22



Tgt Ion: 62 Resp: 4185
Ion Ratio Lower Upper
62 100
64 31.1 25.3 37.9





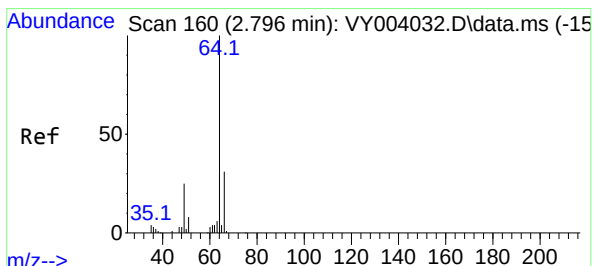
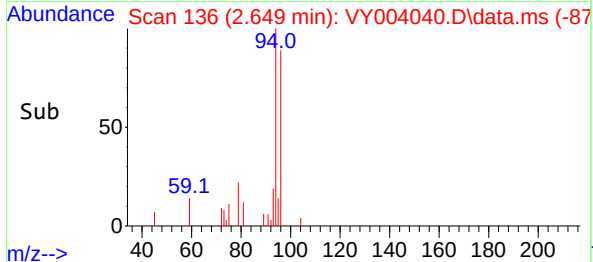
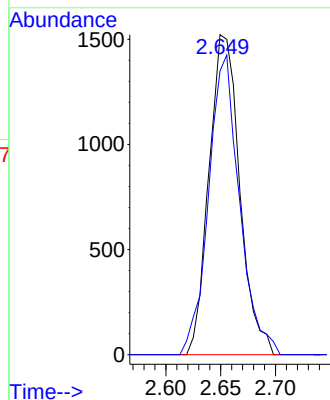
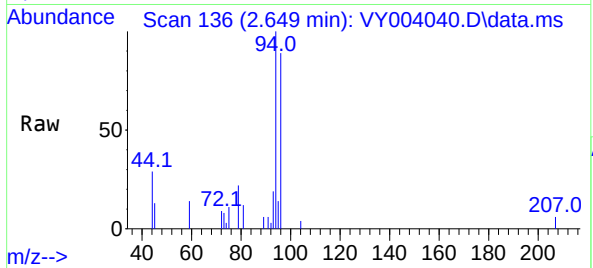
#5
Bromomethane
Concen: 5.01 ug/l
RT: 2.649 min Scan# 136
Delta R.T. -0.000 min
Lab File: VY004040.D
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Tgt Ion: 94 Resp: 2971
Ion Ratio Lower Upper
94 100
96 88.7 77.4 116.2

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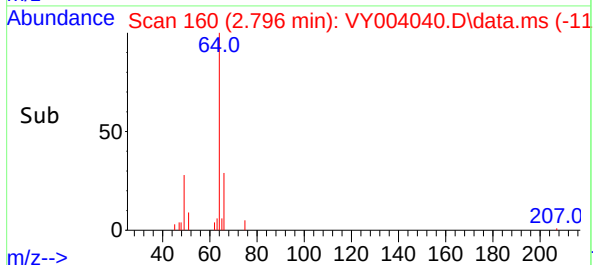
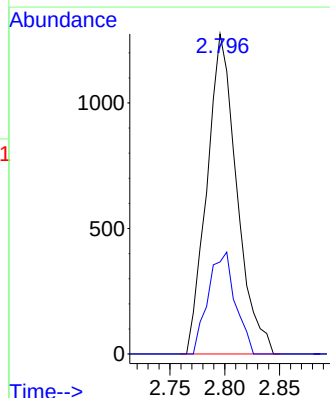
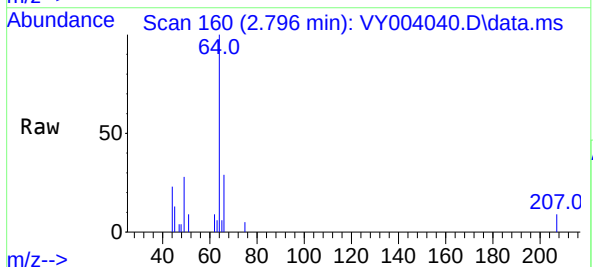
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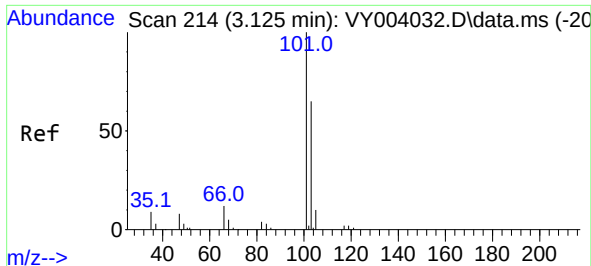
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#6
Chloroethane
Concen: 4.52 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.000 min
Lab File: VY004040.D
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Tgt Ion: 64 Resp: 2415
Ion Ratio Lower Upper
64 100
66 28.8 25.0 37.6





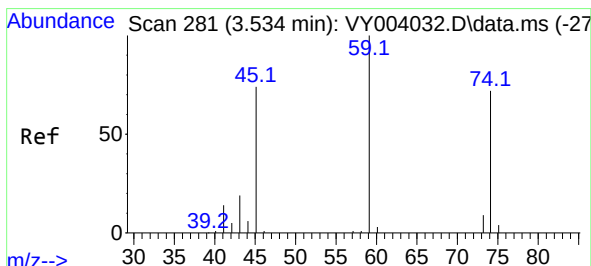
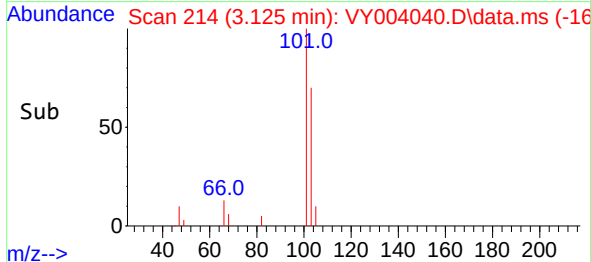
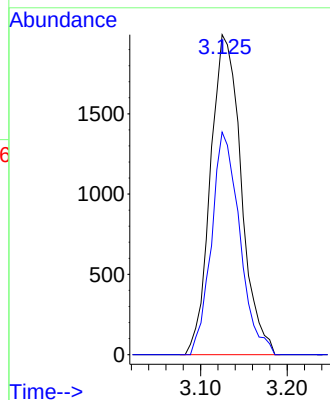
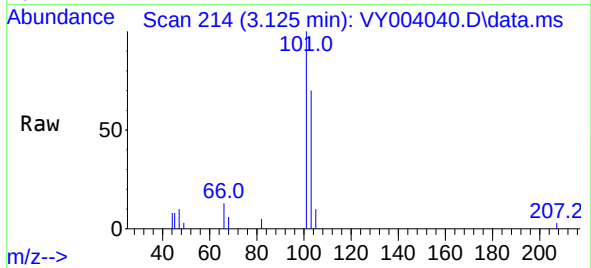
#7
Trichlorofluoromethane
Concen: 4.43 ug/l
RT: 3.125 min Scan# 214
Delta R.T. -0.000 min
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Tgt Ion:101 Resp: 4903
Ion Ratio Lower Upper
101 100
103 69.5 52.2 78.2

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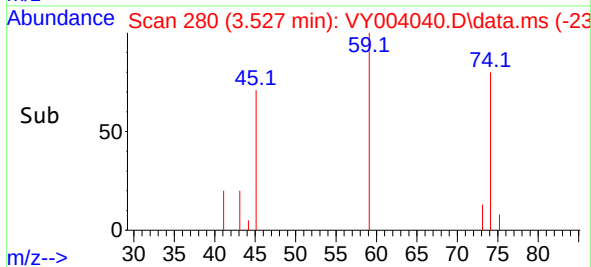
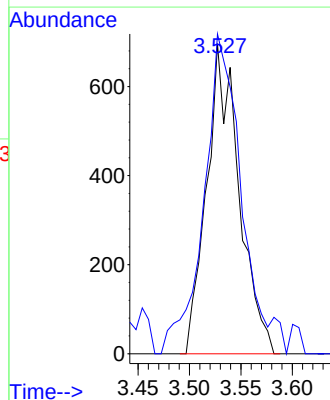
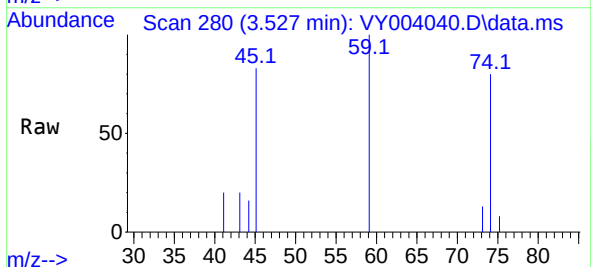
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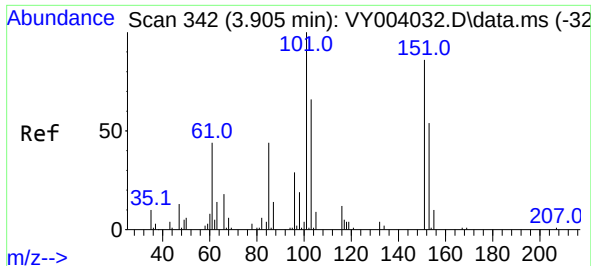
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#8
Diethyl Ether
Concen: 4.29 ug/l
RT: 3.527 min Scan# 280
Delta R.T. -0.006 min
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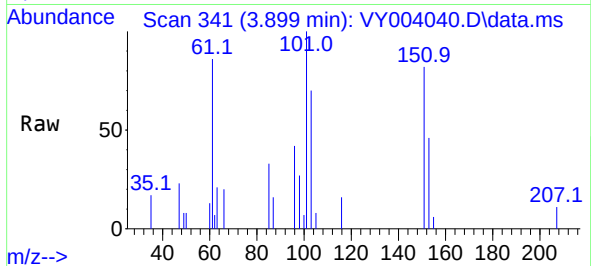
Tgt Ion: 74 Resp: 1518
Ion Ratio Lower Upper
74 100
45 120.2 52.6 157.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.99 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY004040.D
Acq: 22 Feb 2021 17:22

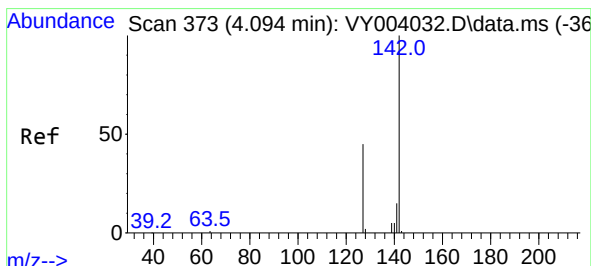
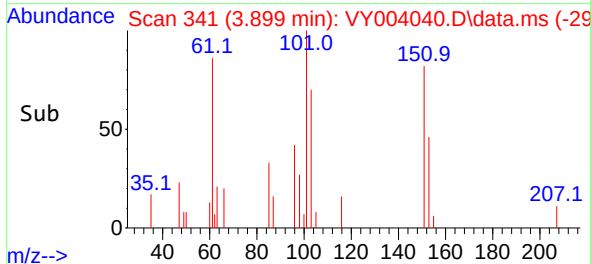
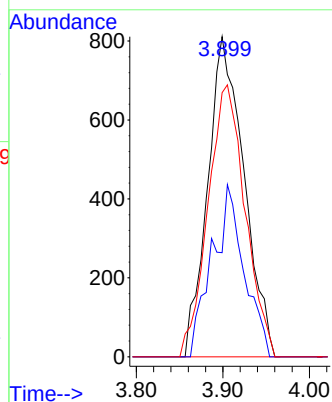
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



Tgt Ion:101 Resp: 2358
Ion Ratio Lower Upper
101 100
85 47.5 36.1 54.1
151 87.0 66.9 100.3

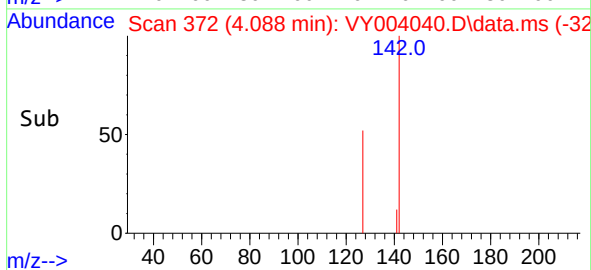
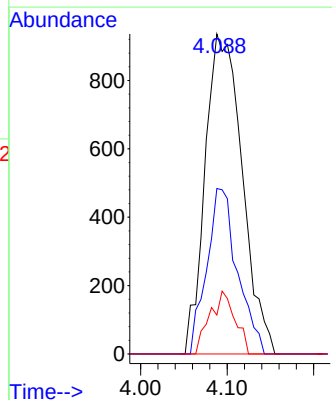
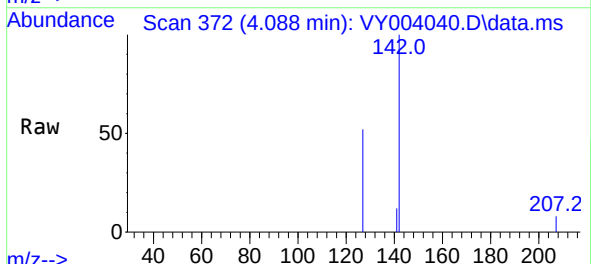
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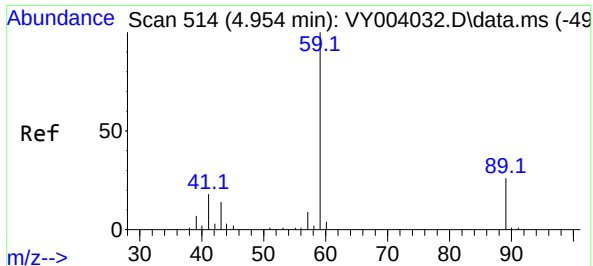
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#10
Methyl Iodide
Concen: 3.75 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.006 min
Lab File: VY004040.D
Acq: 22 Feb 2021 17:22

Tgt Ion:142 Resp: 2783
Ion Ratio Lower Upper
142 100
127 42.7 35.4 53.0
141 13.4 11.5 17.3





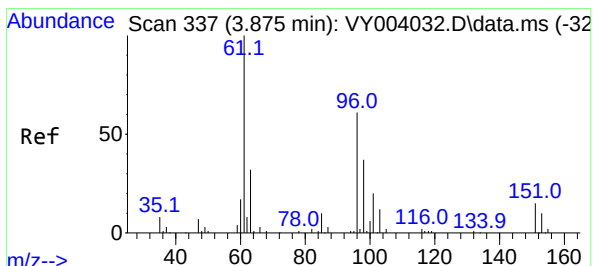
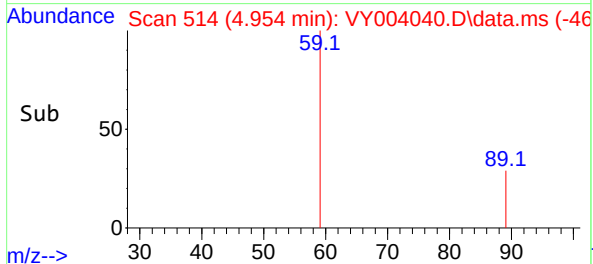
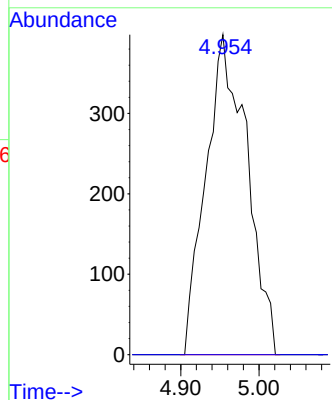
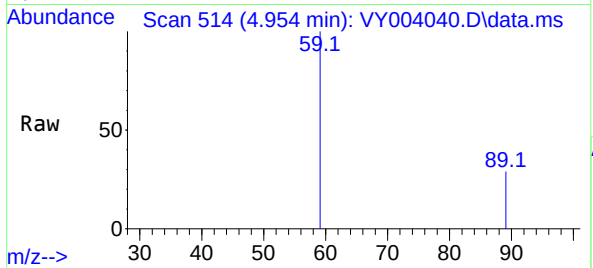
#11
Tert butyl alcohol
Concen: 13.62 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.000 min
Lab File: VY004040.D
Acq: 22 Feb 2021 17:22

Tgt Ion: 59 Resp: 1451
Ion Ratio Lower Upper
59 100
57 0.0 6.9 10.3#

Instrument :
MSVOA_Y
ClientSampleId :
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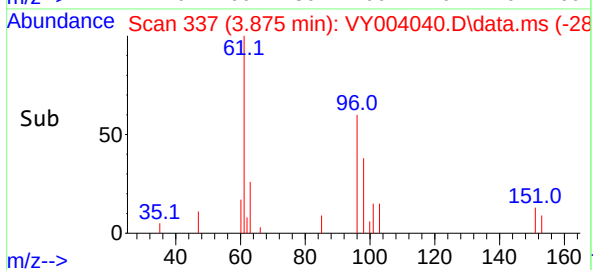
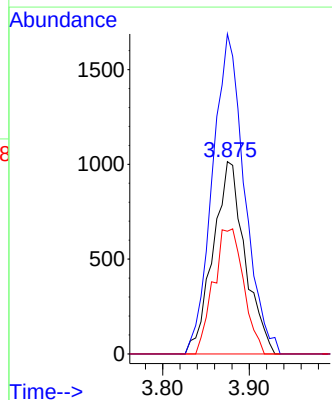
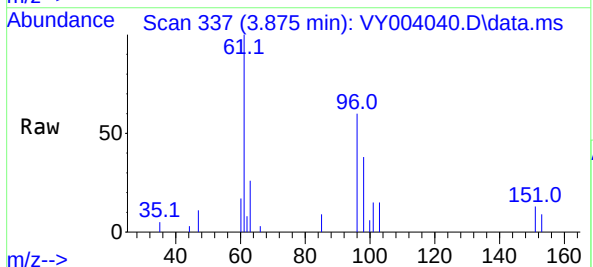
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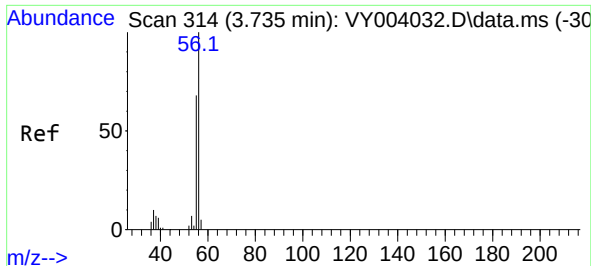
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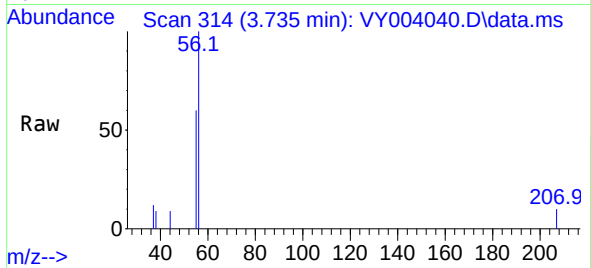
#12
1,1-Dichloroethene
Concen: 4.36 ug/l
RT: 3.875 min Scan# 337
Delta R.T. -0.000 min
Lab File: VY004040.D
Acq: 22 Feb 2021 17:22

Tgt Ion: 96 Resp: 2590
Ion Ratio Lower Upper
96 100
61 166.5 130.7 196.1
98 63.8 48.9 73.3

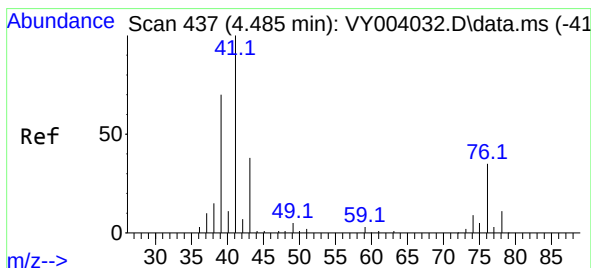
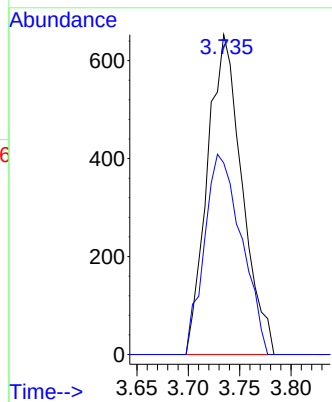
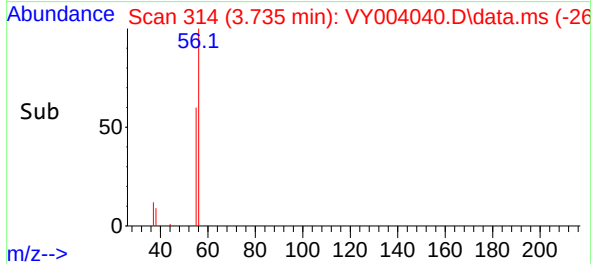




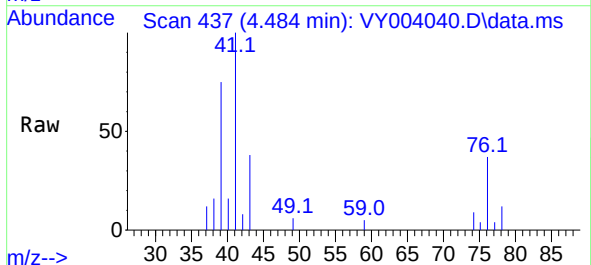
#13
Acrolein
Concen: 21.43 ug/l
RT: 3.735 min Scan# 314
Delta R.T. -0.000 min
Lab File: VY004040.D
Acq: 22 Feb 2021 17:22



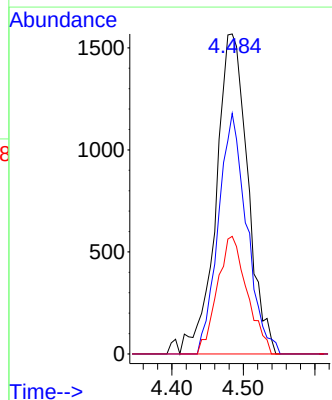
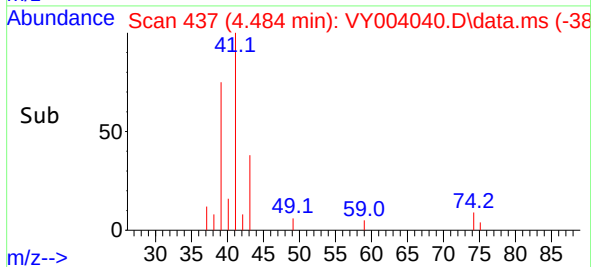
Tgt Ion: 56 Resp: 1530
Ion Ratio Lower Upper
56 100
55 67.3 55.4 83.0



#14
Allyl chloride
Concen: 4.28 ug/l
RT: 4.484 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY004040.D
Acq: 22 Feb 2021 17:22



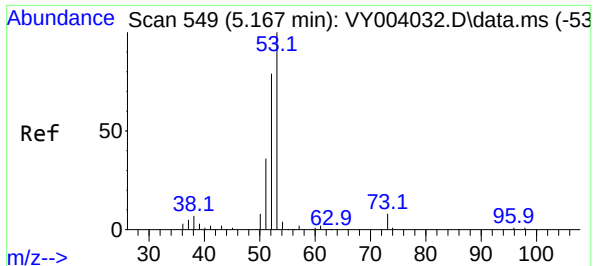
Tgt Ion: 41 Resp: 4816
Ion Ratio Lower Upper
41 100
39 67.6 54.0 81.0
76 34.7 26.1 39.1



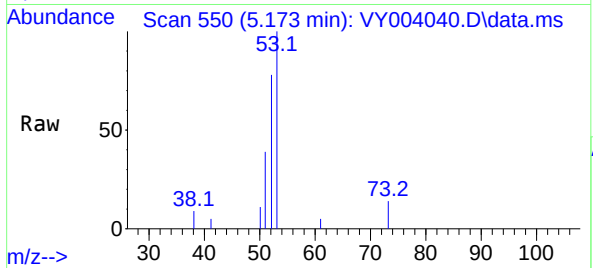
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

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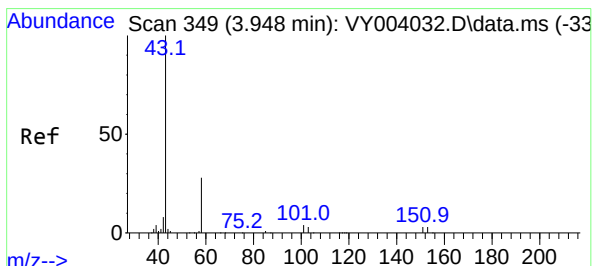
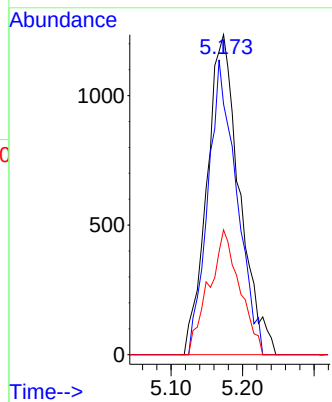
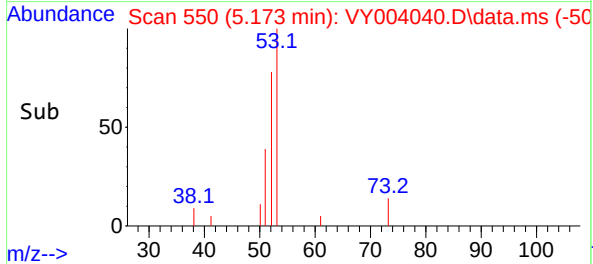
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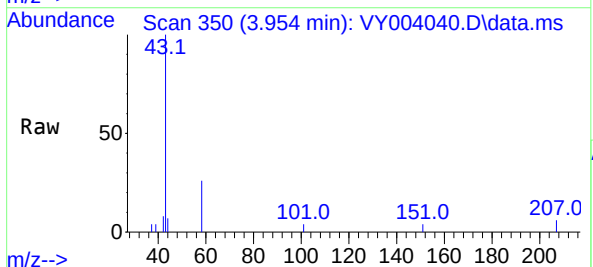
#15
Acrylonitrile
Concen: 21.00 ug/l
RT: 5.173 min Scan# 550
Delta R.T. 0.006 min
Lab File: VY004040.D
Acq: 22 Feb 2021 17:22



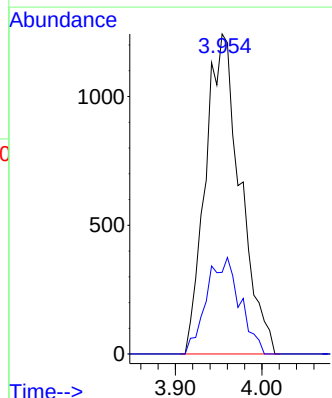
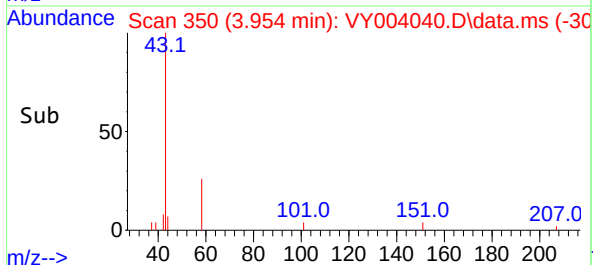
Tgt Ion: 53 Resp: 3919
Ion Ratio Lower Upper
53 100
52 81.1 66.2 99.4
51 36.6 29.5 44.3



#16
Acetone
Concen: 19.14 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY004040.D
Acq: 22 Feb 2021 17:22



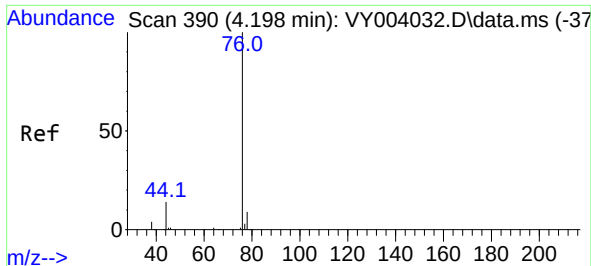
Tgt Ion: 43 Resp: 3473
Ion Ratio Lower Upper
43 100
58 25.5 22.6 34.0



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

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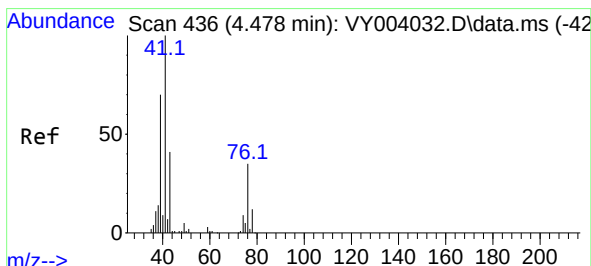
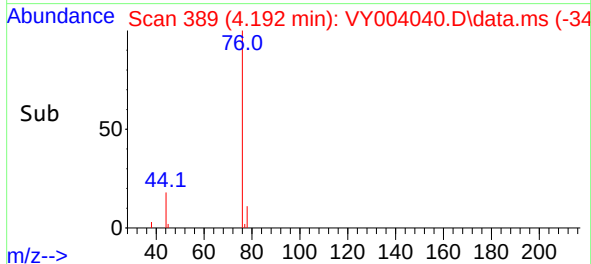
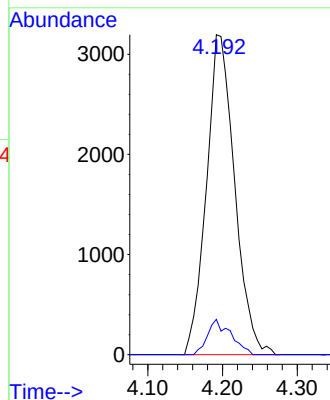
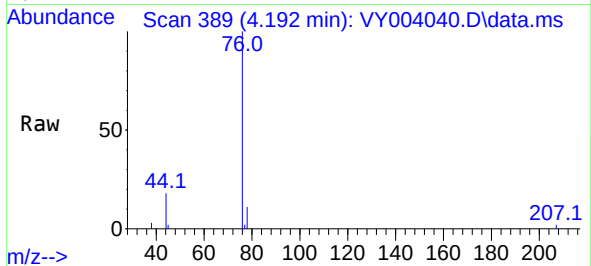
#17
Carbon Disulfide
Concen: 4.37 ug/l
RT: 4.192 min Scan# 389
Delta R.T. -0.006 min
Lab File: VY004040.D
Acq: 22 Feb 2021 17:22

Tgt Ion: 76 Resp: 8392
Ion Ratio Lower Upper
76 100
78 11.0 6.8 10.2#

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

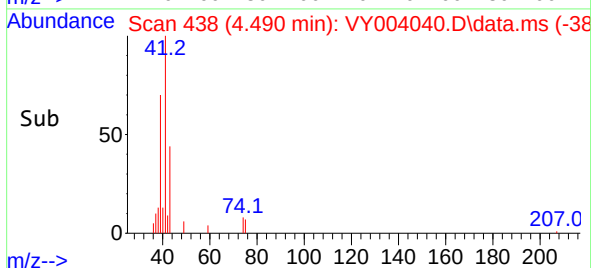
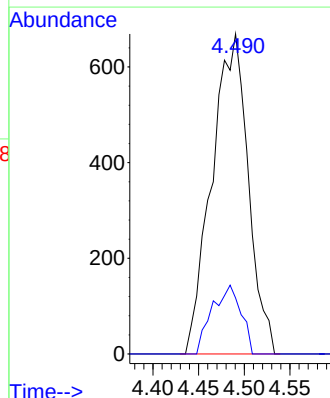
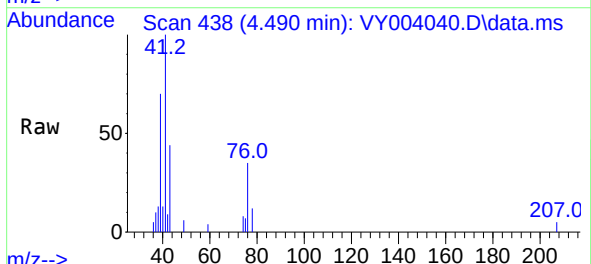
Manual Integrations
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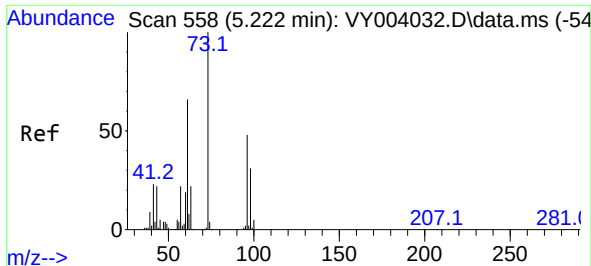
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#18
Methyl Acetate
Concen: 4.34 ug/l
RT: 4.490 min Scan# 438
Delta R.T. 0.012 min
Lab File: VY004040.D
Acq: 22 Feb 2021 17:22

Tgt Ion: 43 Resp: 1850
Ion Ratio Lower Upper
43 100
74 17.1 17.6 26.4#





#19

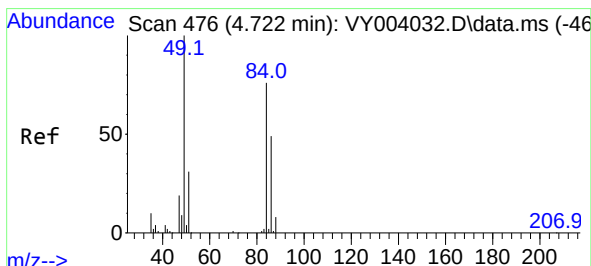
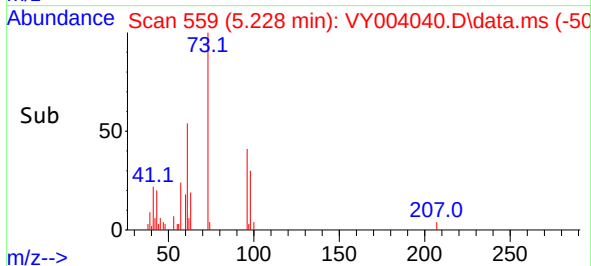
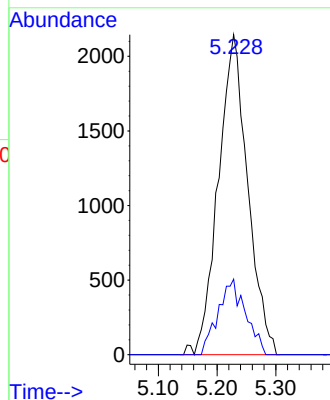
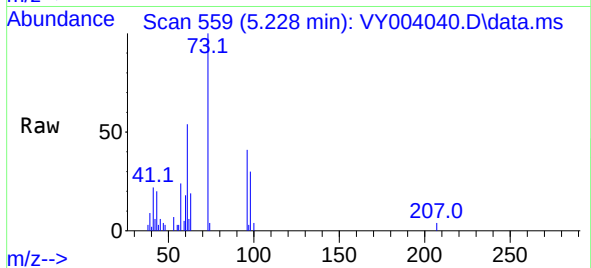
Methyl tert-butyl Ether
Concen: 4.28 ug/l
RT: 5.228 min Scan# 559
Delta R.T. 0.006 min
Lab File: VY004040.D
Acq: 22 Feb 2021 17:22

Tgt Ion: 73 Resp: 7457
Ion Ratio Lower Upper
73 100
57 23.6 17.5 26.3

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

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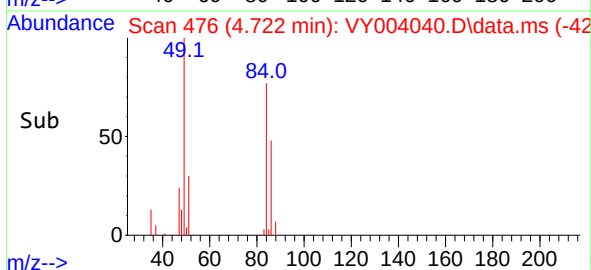
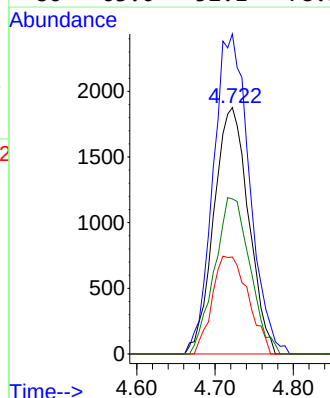
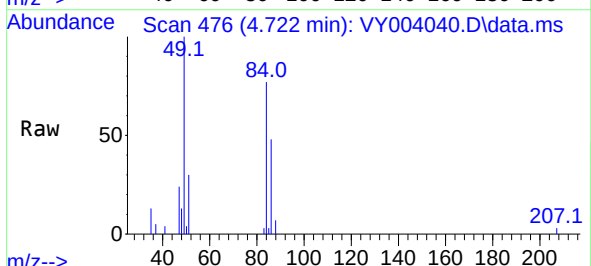
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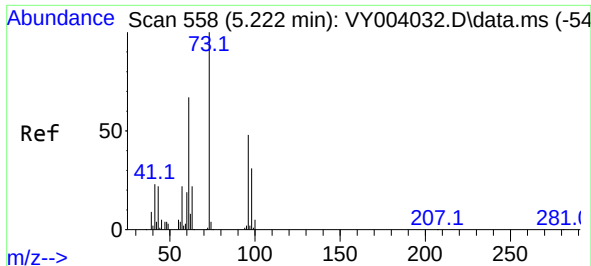


#20

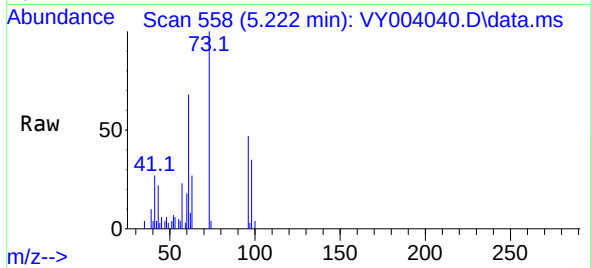
Methylene Chloride
Concen: 7.89 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.000 min
Lab File: VY004040.D
Acq: 22 Feb 2021 17:22

Tgt Ion: 84 Resp: 5783
Ion Ratio Lower Upper
84 100
49 129.9 105.8 158.6
51 39.4 32.6 48.8
86 63.0 52.1 78.1



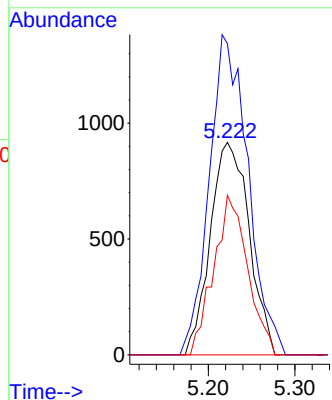


#21
trans-1,2-Dichloroethene
Concen: 4.28 ug/l
RT: 5.222 min Scan# 558
Delta R.T. -0.000 min
Lab File: VY004040.D
Acq: 22 Feb 2021 17:22



Tgt Ion: 96 Resp: 2857

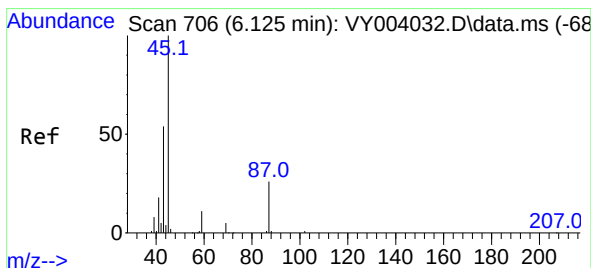
Ion	Ratio	Lower	Upper
96	100		
61	146.5	110.8	166.2
98	75.1	51.0	76.6



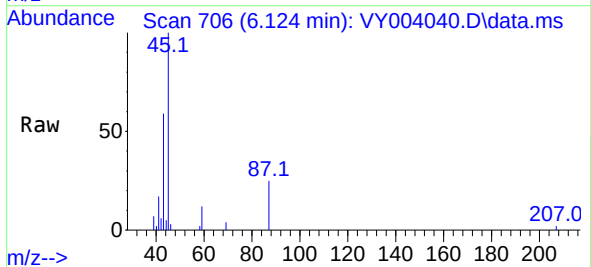
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

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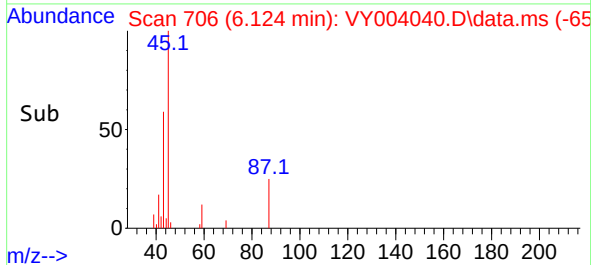
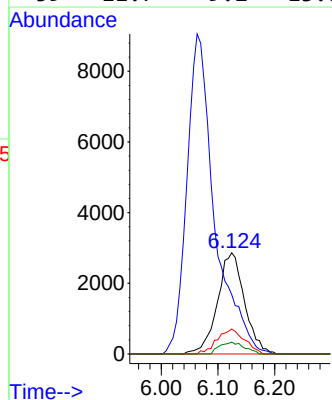


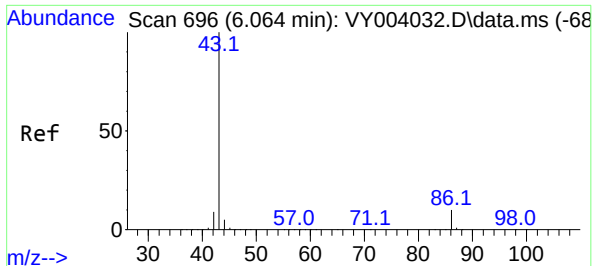
#22
Diisopropyl ether
Concen: 4.28 ug/l
RT: 6.124 min Scan# 706
Delta R.T. -0.000 min
Lab File: VY004040.D
Acq: 22 Feb 2021 17:22



Tgt Ion: 45 Resp: 9463

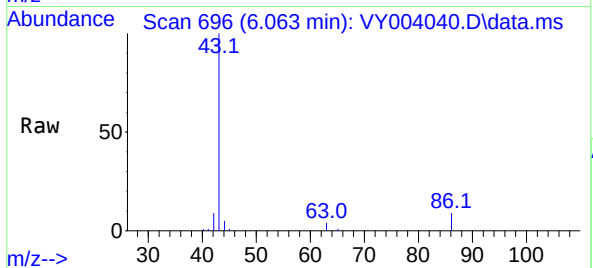
Ion	Ratio	Lower	Upper
45	100		
43	58.8	45.1	67.7
87	24.7	21.0	31.4
59	11.7	9.2	13.8





#23
 Vinyl Acetate
 Concen: 20.50 ug/l
 RT: 6.063 min Scan# 696
 Delta R.T. -0.000 min
 Lab File: VY004040.D
 Acq: 22 Feb 2021 17:22

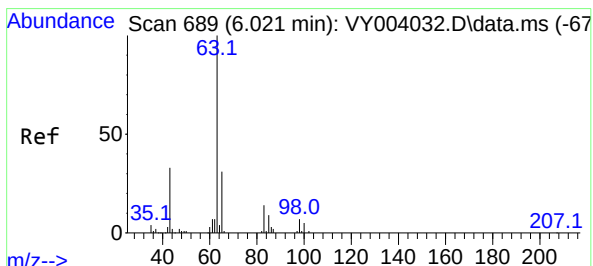
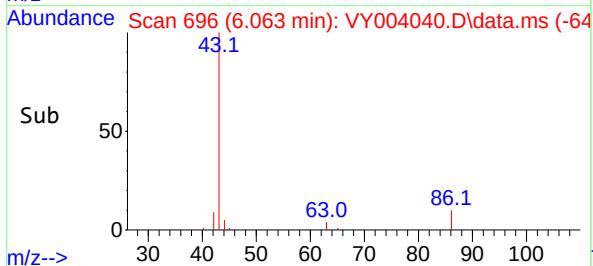
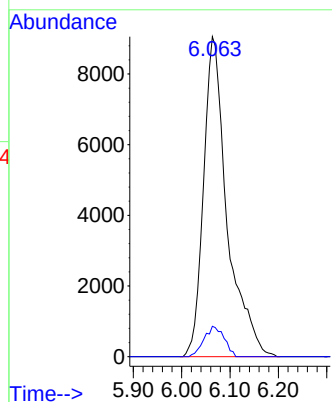
Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2021



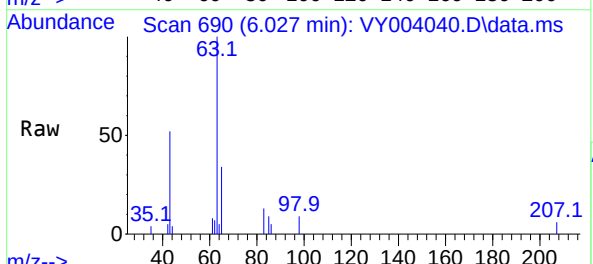
Tgt Ion: 43 Resp: 30715
 Ion Ratio Lower Upper
 43 100
 86 9.5 7.8 11.6

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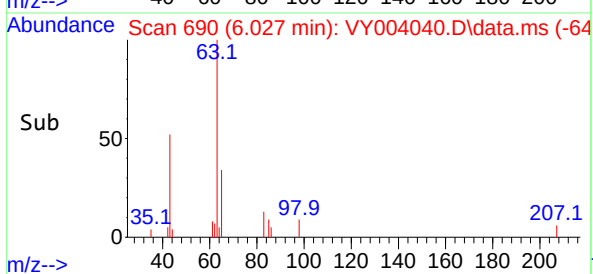
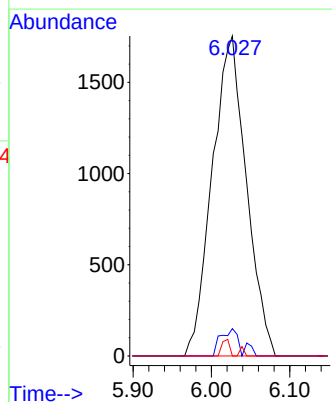
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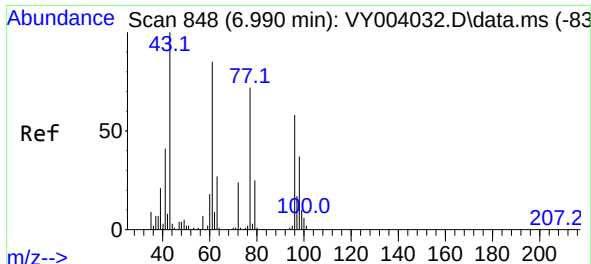


#24
 1,1-Dichloroethane
 Concen: 4.49 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.006 min
 Lab File: VY004040.D
 Acq: 22 Feb 2021 17:22



Tgt Ion: 63 Resp: 5312
 Ion Ratio Lower Upper
 63 100
 98 8.6 3.5 10.4
 100 0.0 2.3 6.9#





#25

2-Butanone

Concen: 19.05 ug/l

RT: 6.990 min Scan# 848

Delta R.T. -0.000 min

Lab File: VY004040.D

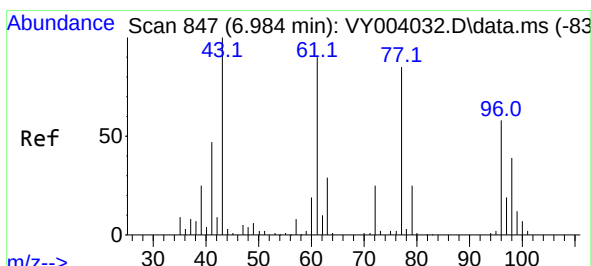
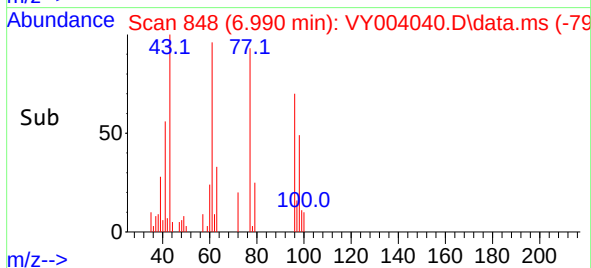
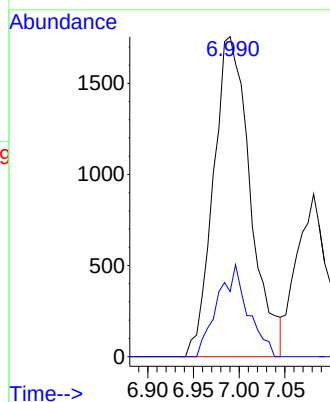
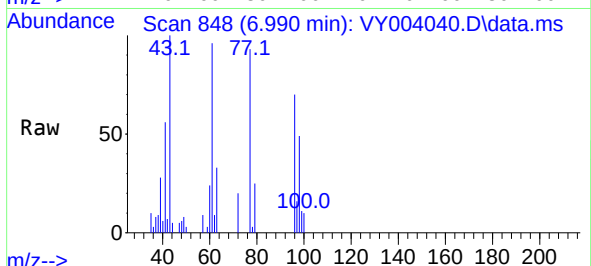
Acq: 22 Feb 2021 17:22

Tgt Ion: 43 Resp: 4926

Ion Ratio Lower Upper

43 100

72 20.3 19.4 29.0



#26

2,2-Dichloropropane

Concen: 4.39 ug/l

RT: 6.984 min Scan# 847

Delta R.T. -0.000 min

Lab File: VY004040.D

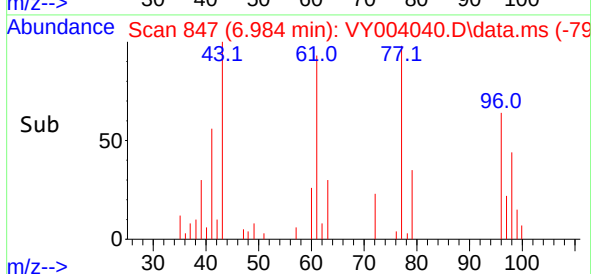
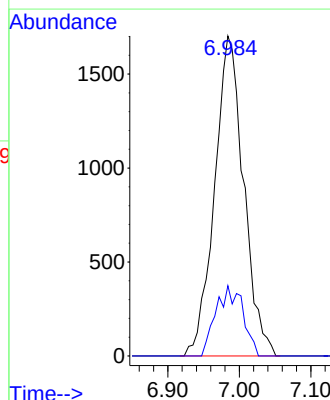
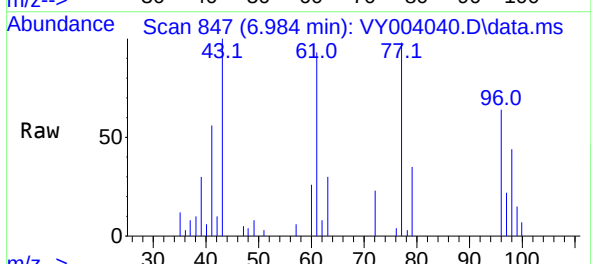
Acq: 22 Feb 2021 17:22

Tgt Ion: 77 Resp: 4809

Ion Ratio Lower Upper

77 100

97 20.3 11.4 34.1



Instrument :

MSVOA_Y

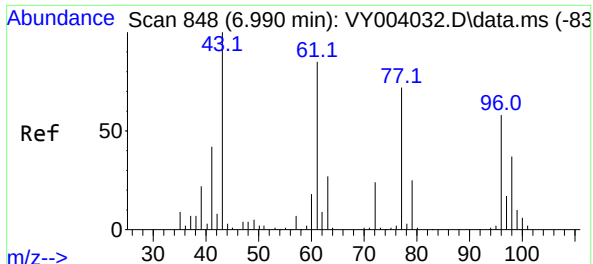
ClientSampleId :

LOD-MDL-SOIL-01-QT1-2021

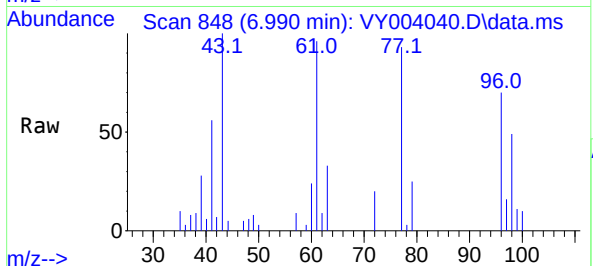
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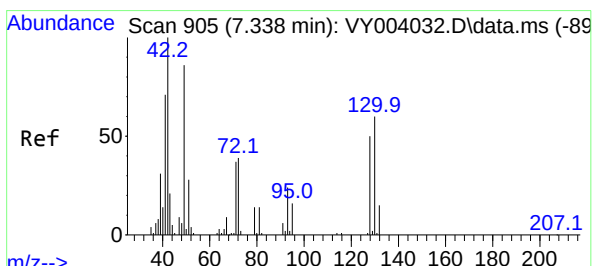
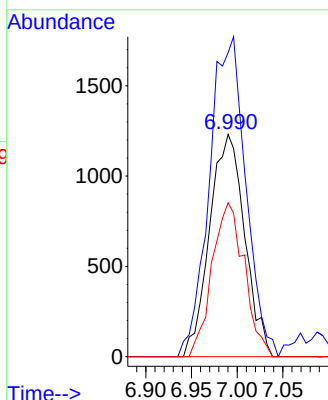
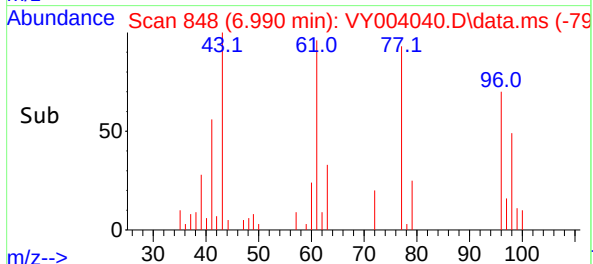


#27
cis-1,2-Dichloroethene
Concen: 4.49 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.000 min
Lab File: VY004040.D
Acq: 22 Feb 2021 17:22

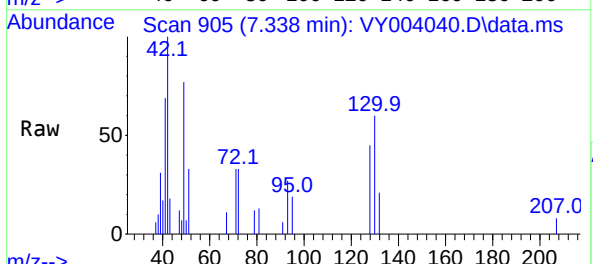


Tgt Ion: 96 Resp: 3291

Ion	Ratio	Lower	Upper
96	100		
61	149.5	0.0	303.6
98	63.6	0.0	130.6

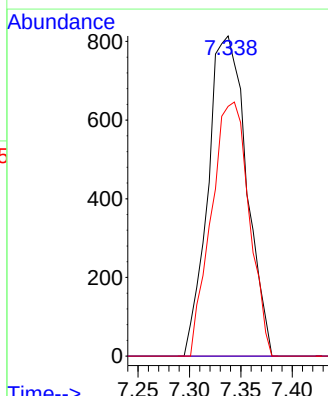
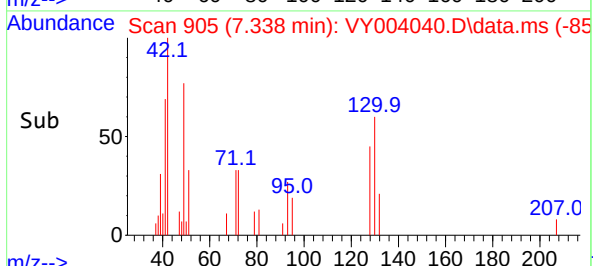


#28
Bromochloromethane
Concen: 4.06 ug/l
RT: 7.338 min Scan# 905
Delta R.T. -0.000 min
Lab File: VY004040.D
Acq: 22 Feb 2021 17:22



Tgt Ion: 49 Resp: 2124

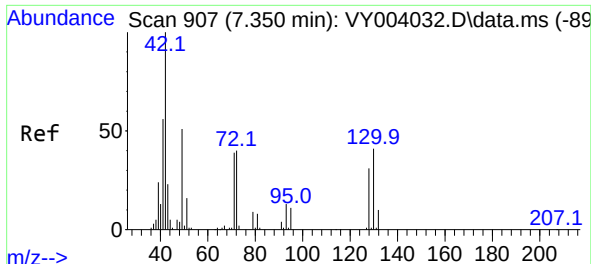
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.4
130	77.7	59.0	88.4



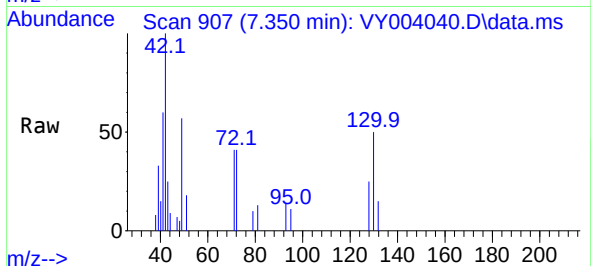
Instrument :
MSVOA_Y
ClientSampleId :
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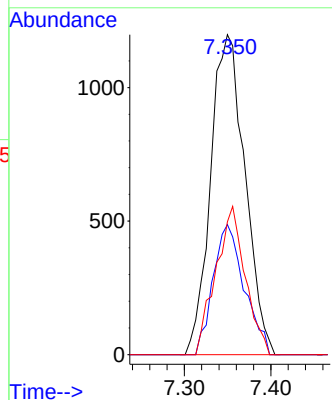


#29
Tetrahydrofuran
Concen: 19.78 ug/l
RT: 7.350 min Scan# 907
Delta R.T. -0.000 min
Lab File: VY004040.D
Acq: 22 Feb 2021 17:22



Tgt Ion: 42 Resp: 3301

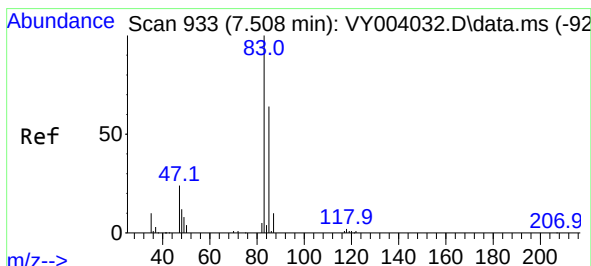
Ion	Ratio	Lower	Upper
42	100		
72	37.0	32.6	48.8
71	39.8	31.0	46.6



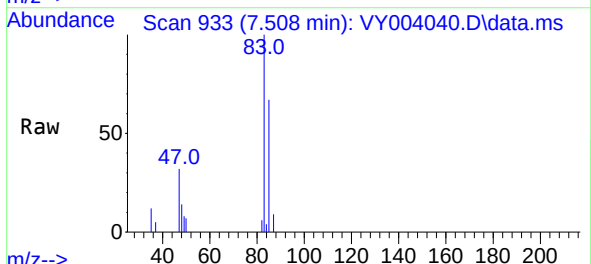
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

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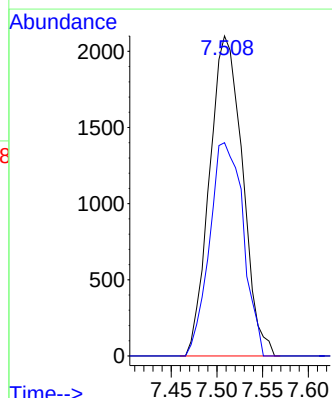
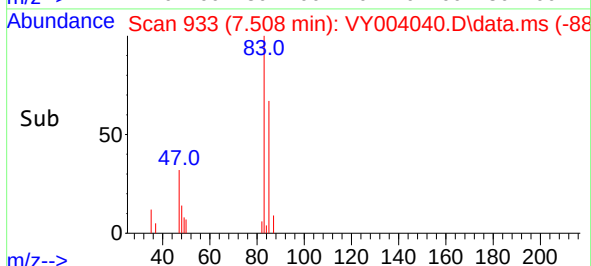


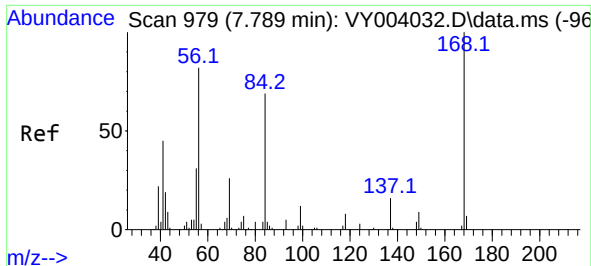
#30
Chloroform
Concen: 4.39 ug/l
RT: 7.508 min Scan# 933
Delta R.T. -0.000 min
Lab File: VY004040.D
Acq: 22 Feb 2021 17:22



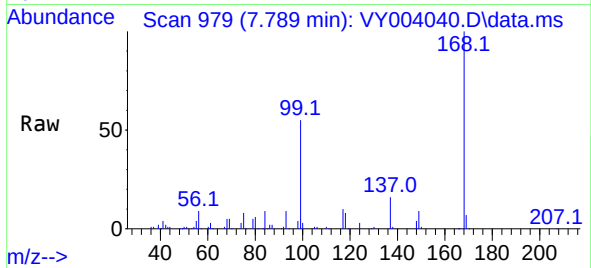
Tgt Ion: 83 Resp: 5270

Ion	Ratio	Lower	Upper
83	100		
85	66.6	51.0	76.6

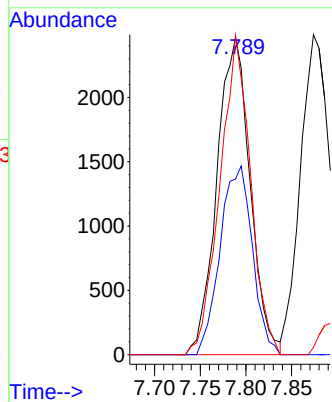
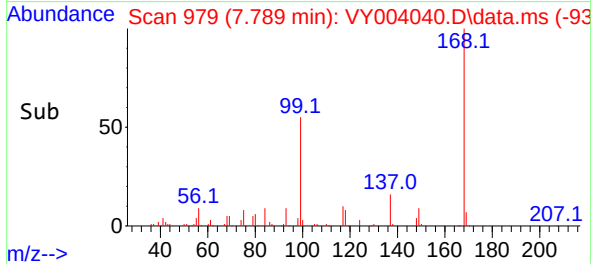




#31
Cyclohexane
Concen: 5.17 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY004040.D
Acq: 22 Feb 2021 17:22



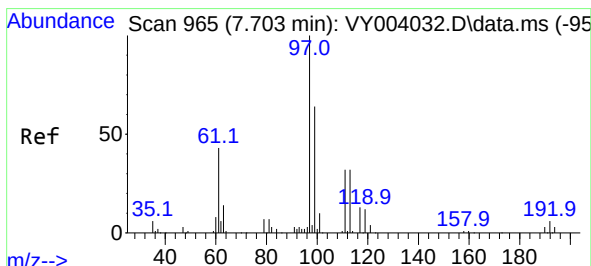
Tgt Ion: 56 Resp: 6228
Ion Ratio Lower Upper
56 100
69 55.5 25.3 37.9#
84 100.8 67.3 100.9



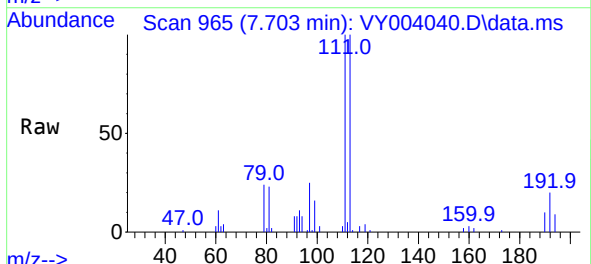
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

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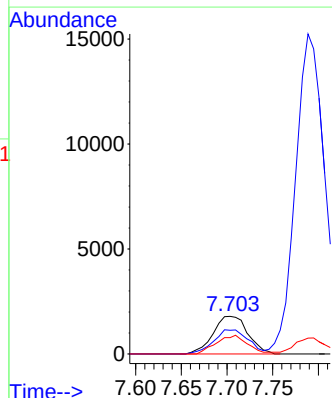
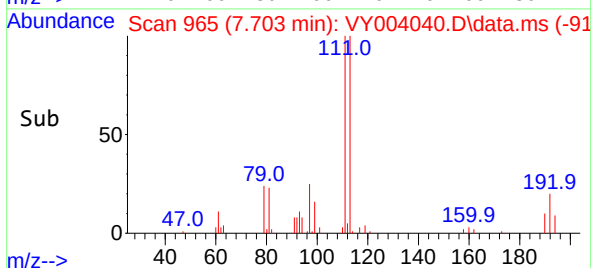
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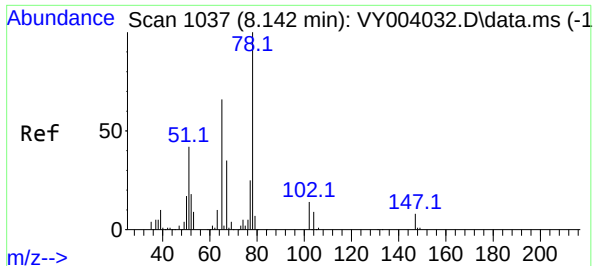


#32
1,1,1-Trichloroethane
Concen: 4.31 ug/l
RT: 7.703 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY004040.D
Acq: 22 Feb 2021 17:22



Tgt Ion: 97 Resp: 4748
Ion Ratio Lower Upper
97 100
99 63.7 51.8 77.6
61 45.3 34.5 51.7





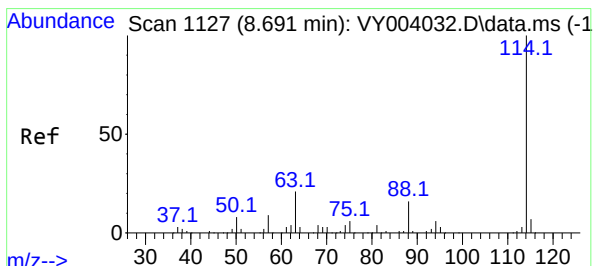
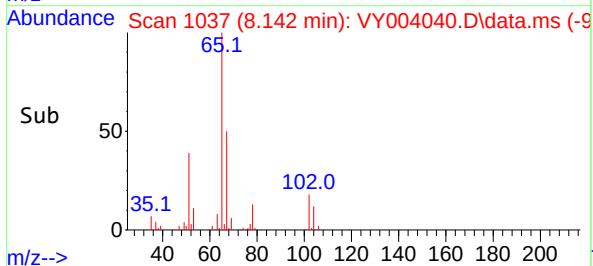
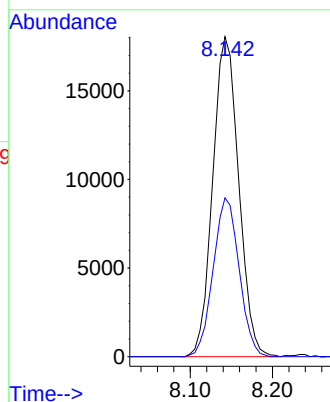
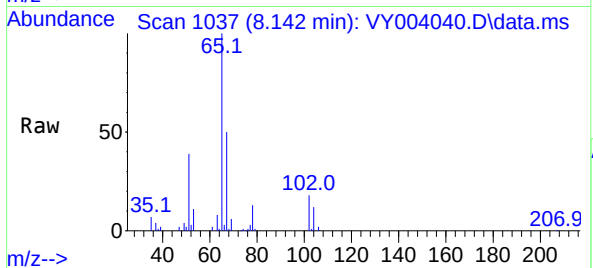
#33
1,2-Dichloroethane-d4
Concen: 55.14 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY004040.D
Acq: 22 Feb 2021 17:22

Tgt Ion: 65 Resp: 39583
Ion Ratio Lower Upper
65 100
67 49.7 0.0 101.4

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

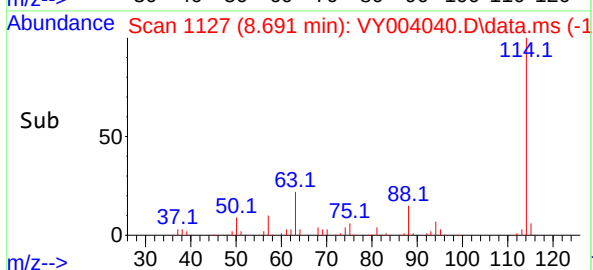
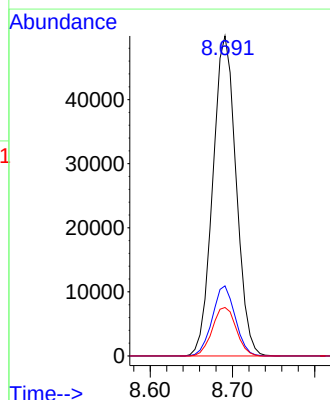
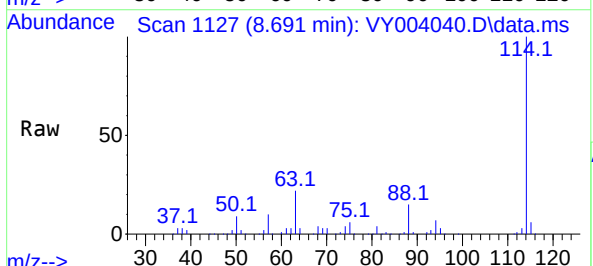
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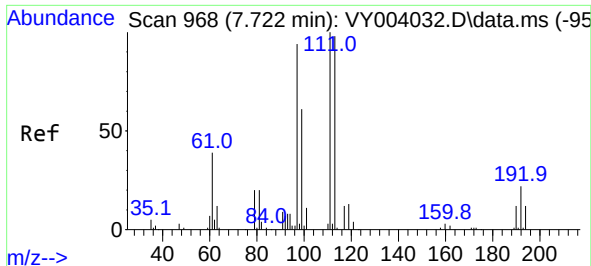
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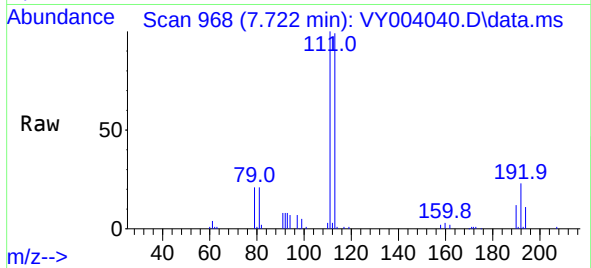
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY004040.D
Acq: 22 Feb 2021 17:22

Tgt Ion: 114 Resp: 98284
Ion Ratio Lower Upper
114 100
63 21.9 0.0 41.6
88 15.1 0.0 31.4



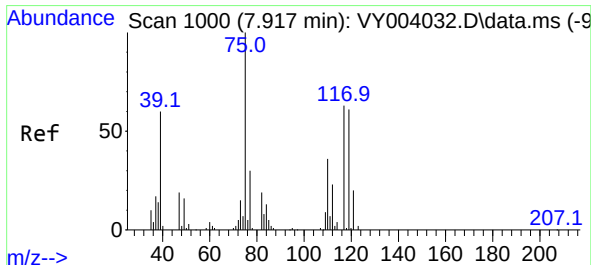
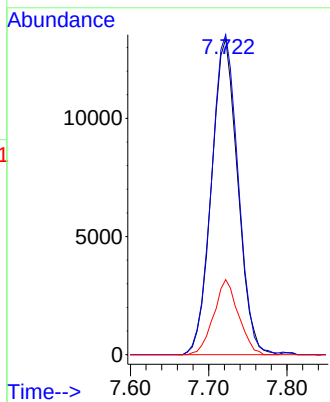
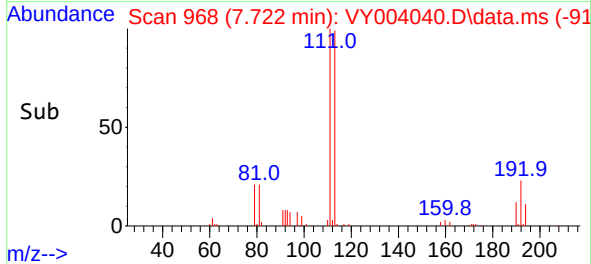


#35
Dibromofluoromethane
Concen: 52.40 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.000 min
Lab File: VY004040.D
Acq: 22 Feb 2021 17:22

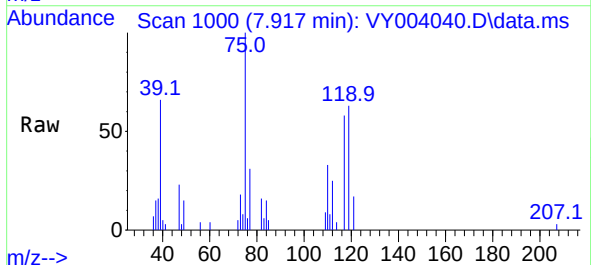


Tgt Ion: 113 Resp: 31048

Ion	Ratio	Lower	Upper
113	100		
111	103.1	83.2	124.8
192	22.4	18.5	27.7

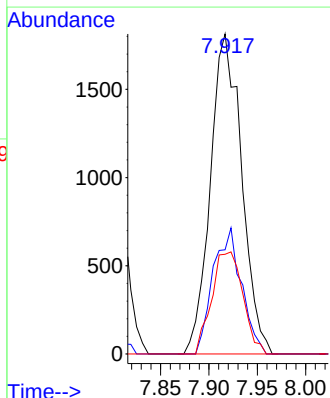
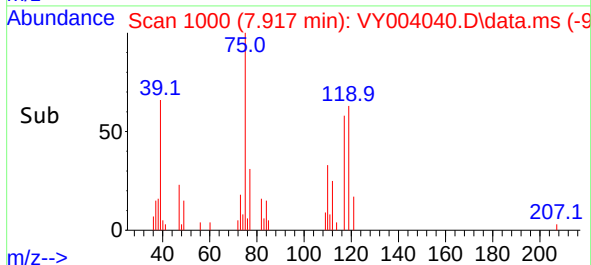


#36
1,1-Dichloropropene
Concen: 4.14 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY004040.D
Acq: 22 Feb 2021 17:22



Tgt Ion: 75 Resp: 4077

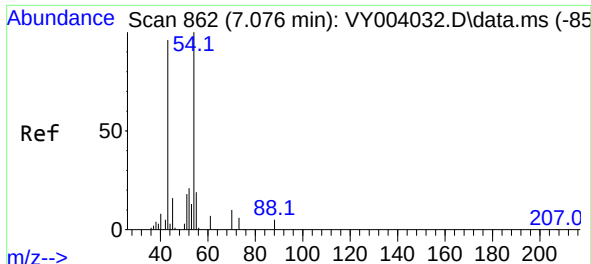
Ion	Ratio	Lower	Upper
75	100		
110	35.7	17.4	52.3
77	31.8	24.5	36.7



Instrument :
MSVOA_Y
ClientSampleId :
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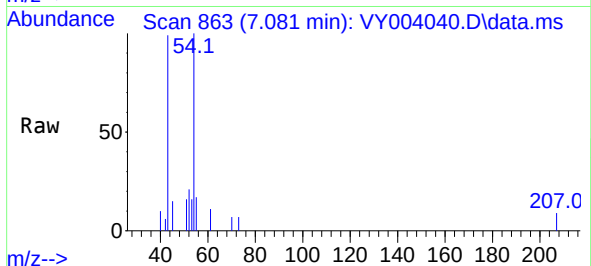
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#37
Ethyl Acetate
Concen: 3.58 ug/l
RT: 7.081 min Scan# 863
Delta R.T. 0.006 min
Lab File: VY004040.D
Acq: 22 Feb 2021 17:22

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

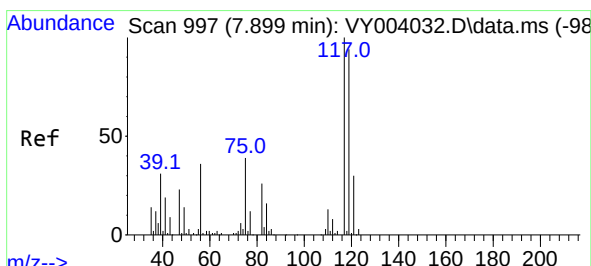
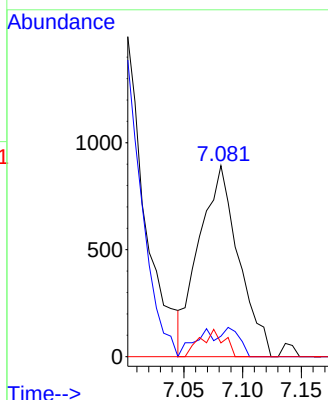
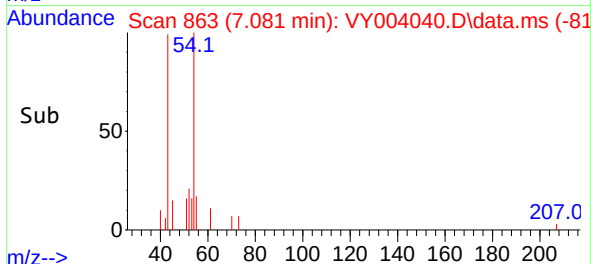


Tgt Ion: 43 Resp: 2084

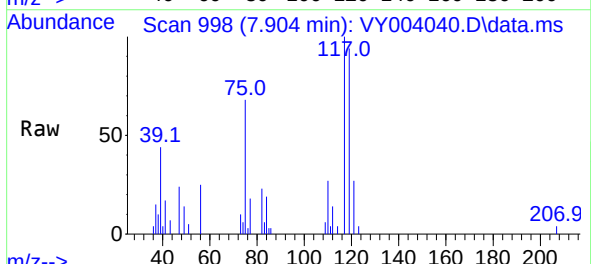
Ion	Ratio	Lower	Upper
43	100		
61	7.4	10.7	16.1#
70	8.6	7.7	11.5

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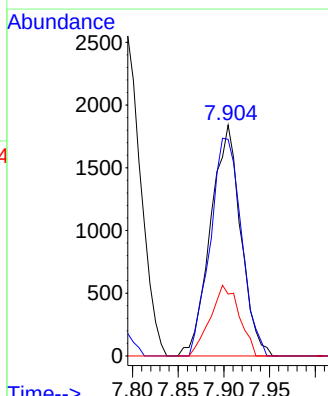
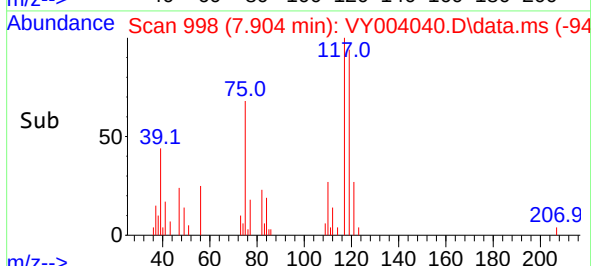


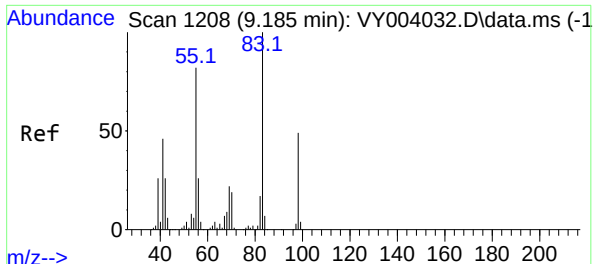
#38
Carbon Tetrachloride
Concen: 4.17 ug/l
RT: 7.904 min Scan# 998
Delta R.T. 0.006 min
Lab File: VY004040.D
Acq: 22 Feb 2021 17:22



Tgt Ion: 117 Resp: 4239

Ion	Ratio	Lower	Upper
117	100		
119	93.9	75.4	113.0
121	26.8	24.2	36.2





#39

Methylcyclohexane

Concen: 4.06 ug/l

RT: 9.185 min Scan# 1208

Delta R.T. -0.000 min

Lab File: VY004040.D

Acq: 22 Feb 2021 17:22

Tgt Ion:	83	Resp:	4823
Ion	Ratio	Lower	Upper
83	100		
55	80.5	65.6	98.4
98	47.6	39.5	59.3

Instrument :

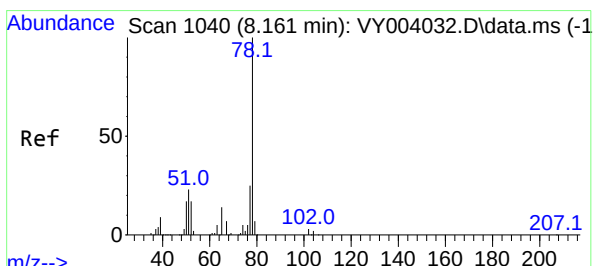
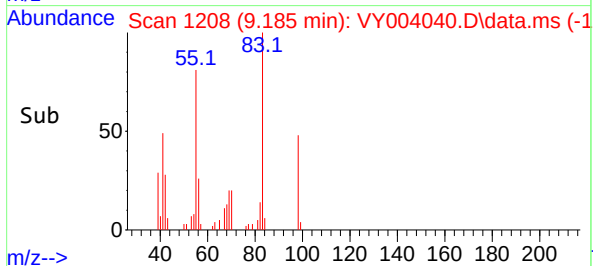
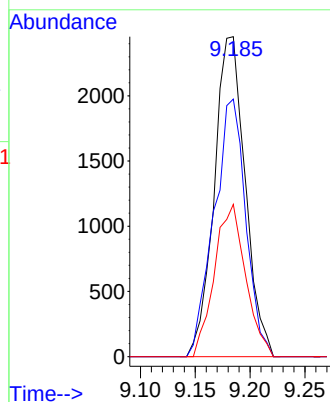
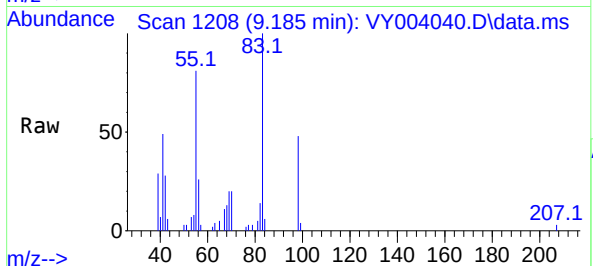
MSVOA_Y

ClientSampleId :

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#40

Benzene

Concen: 4.44 ug/l

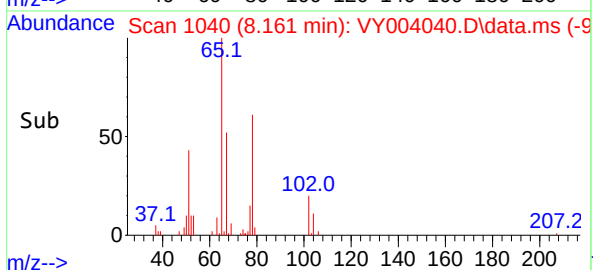
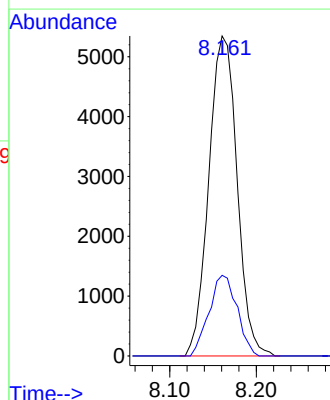
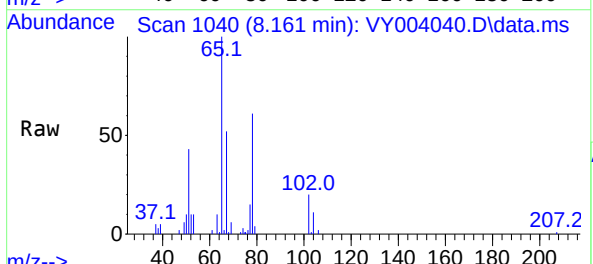
RT: 8.161 min Scan# 1040

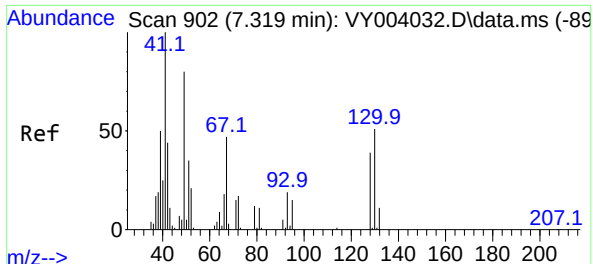
Delta R.T. -0.000 min

Lab File: VY004040.D

Acq: 22 Feb 2021 17:22

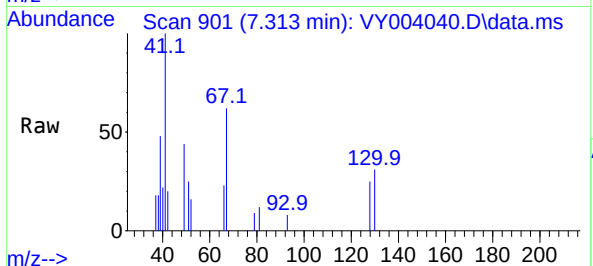
Tgt Ion:	78	Resp:	12126
Ion	Ratio	Lower	Upper
78	100		
77	25.2	20.1	30.1





#41
Methacrylonitrile
Concen: 4.19 ug/l
RT: 7.313 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY004040.D
Acq: 22 Feb 2021 17:22

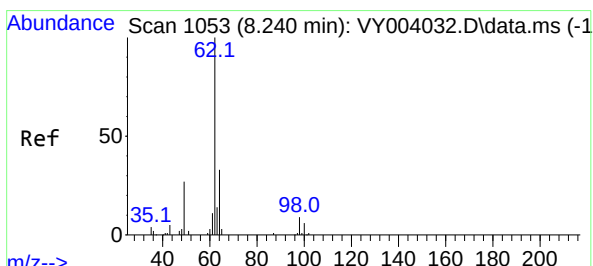
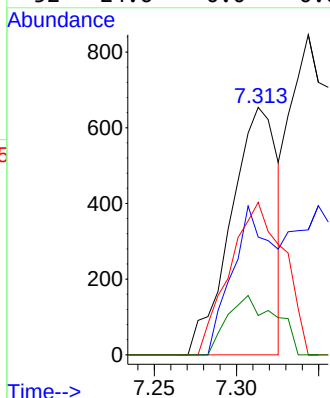
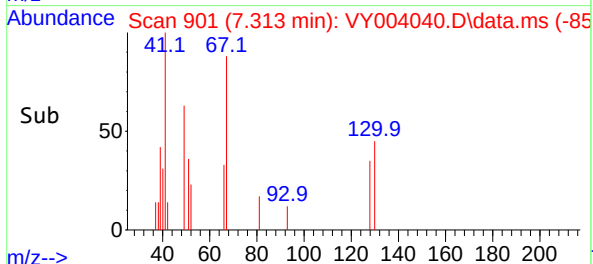
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



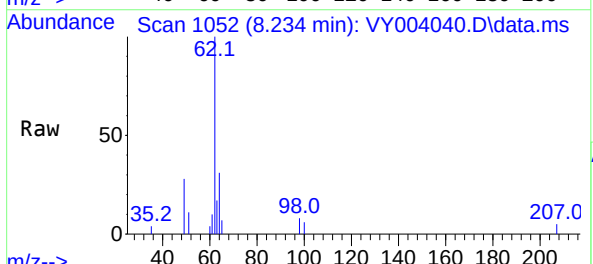
Tgt Ion: 41 Resp: 1288
Ion Ratio Lower Upper
41 100
39 52.5 91.2 136.8#
67 71.5 0.0 0.0#
52 24.6 0.0 0.0#

Manual Integrations
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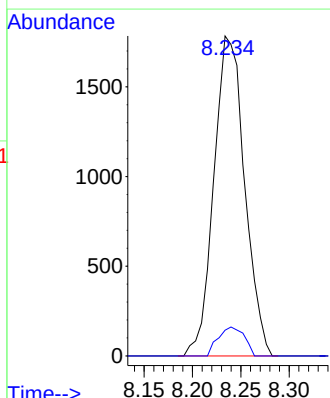
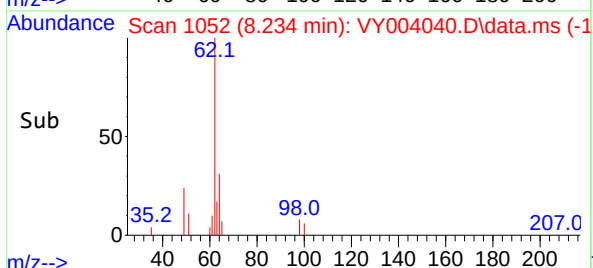
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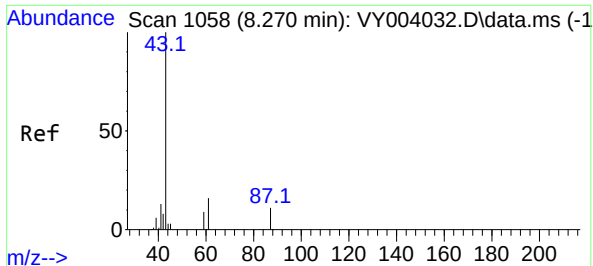


#42
1,2-Dichloroethane
Concen: 4.39 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY004040.D
Acq: 22 Feb 2021 17:22



Tgt Ion: 62 Resp: 3941
Ion Ratio Lower Upper
62 100
98 7.6 0.0 17.0





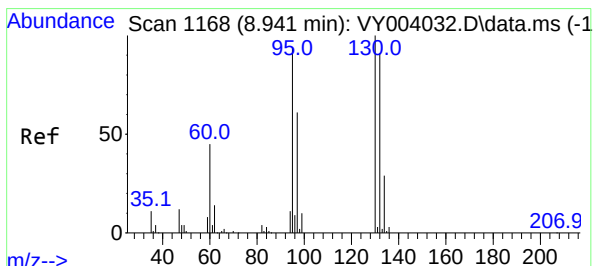
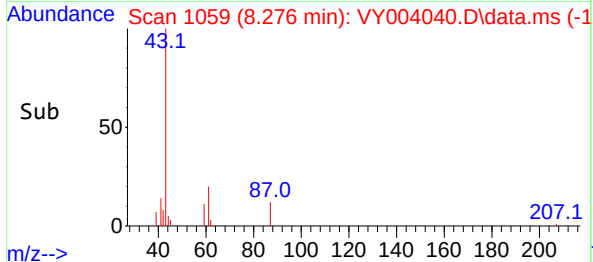
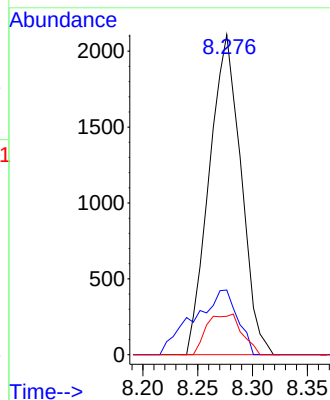
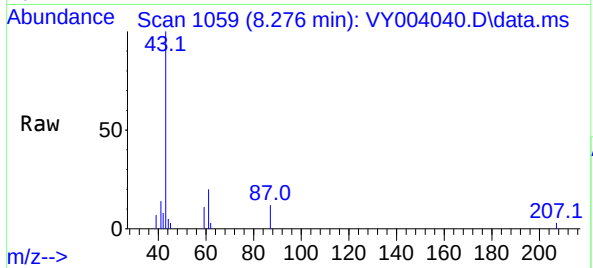
#43
Isopropyl Acetate
Concen: 3.88 ug/l
RT: 8.276 min Scan# 1059
Delta R.T. 0.006 min
Lab File: VY004040.D
Acq: 22 Feb 2021 17:22

Tgt Ion:	43	Resp:	4255
Ion	Ratio	Lower	Upper
43	100		
61	27.8	22.1	33.1
87	13.9	9.8	14.8

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

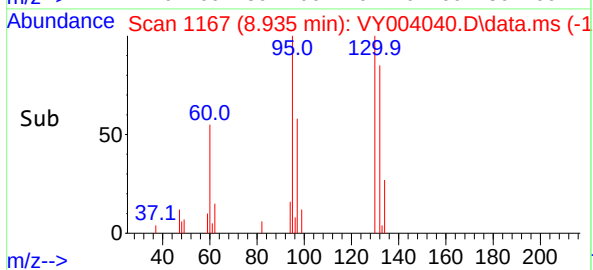
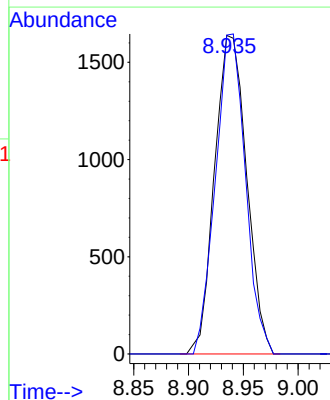
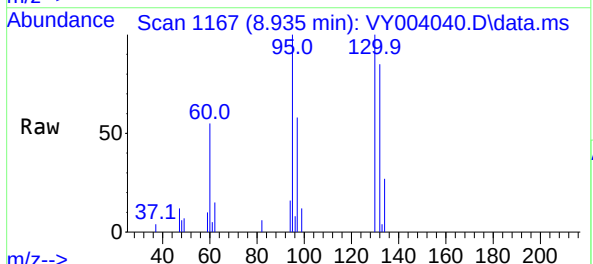
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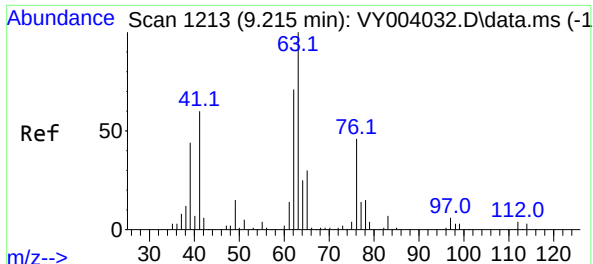
MMDadoda
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#44
Trichloroethene
Concen: 4.40 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY004040.D
Acq: 22 Feb 2021 17:22

Tgt Ion:	130	Resp:	3324
Ion	Ratio	Lower	Upper
130	100		
95	100.1	0.0	188.0





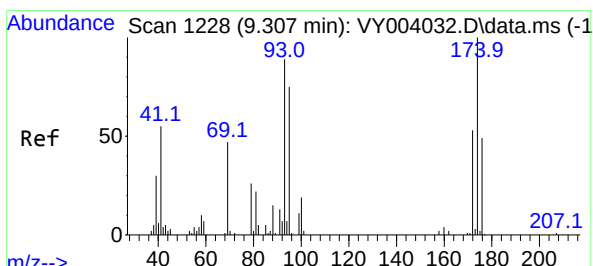
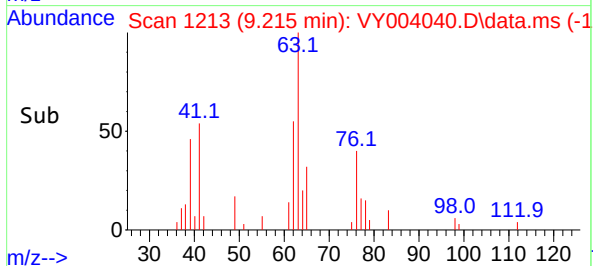
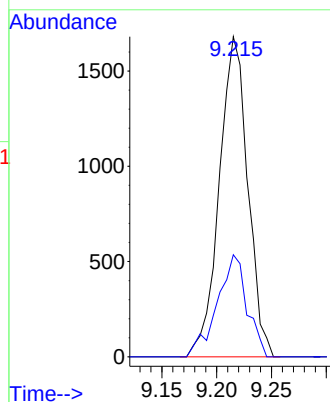
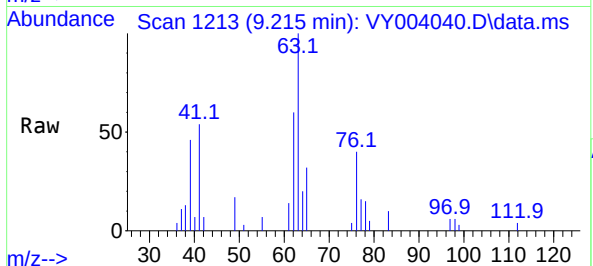
#45
1,2-Dichloropropane
Concen: 4.53 ug/l
RT: 9.215 min Scan# 1213
Delta R.T. -0.000 min
Lab File: VY004040.D
Acq: 22 Feb 2021 17:22

Tgt Ion: 63 Resp: 3038
Ion Ratio Lower Upper
63 100
65 31.9 24.4 36.6

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

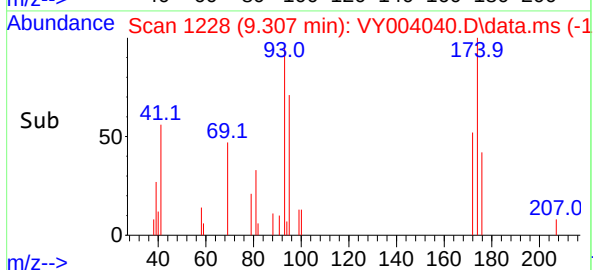
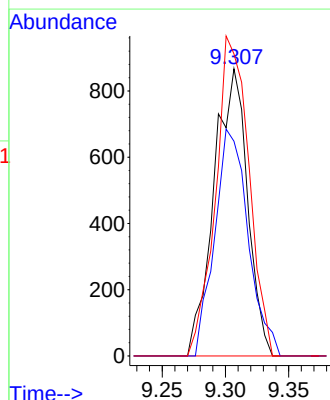
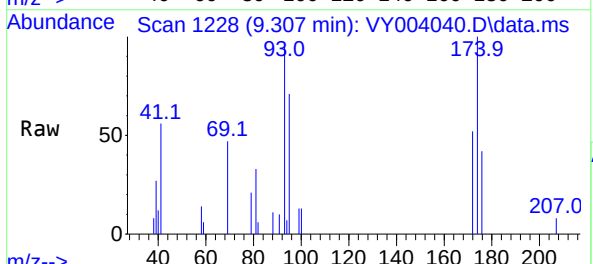
Manual Integrations
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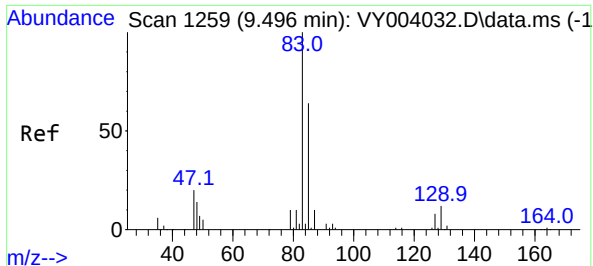
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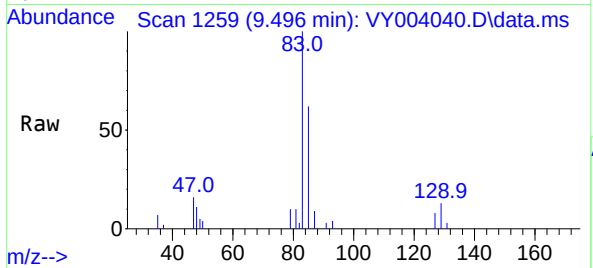
#46
Dibromomethane
Concen: 4.26 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VY004040.D
Acq: 22 Feb 2021 17:22

Tgt Ion: 93 Resp: 1598
Ion Ratio Lower Upper
93 100
95 78.8 66.3 99.5
174 110.5 88.1 132.1

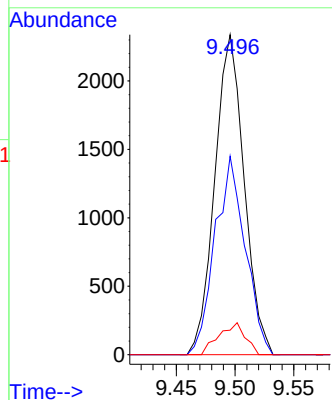




#47
Bromodichloromethane
Concen: 4.24 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY004040.D
Acq: 22 Feb 2021 17:22



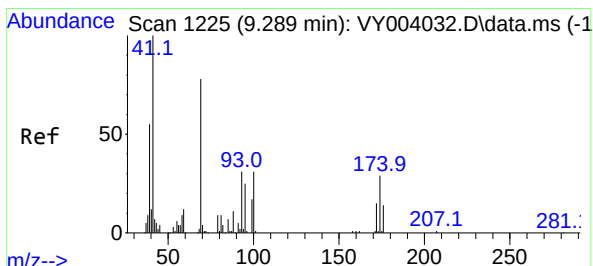
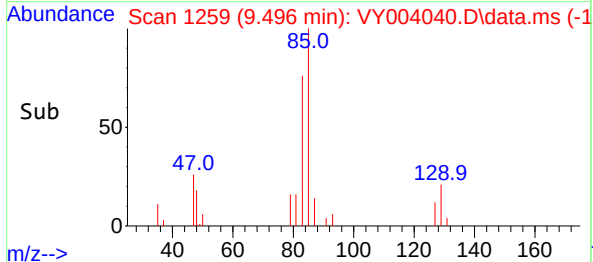
Tgt Ion: 83 Resp: 4066
Ion Ratio Lower Upper
83 100
85 62.0 51.6 77.4
127 7.7 6.5 9.7



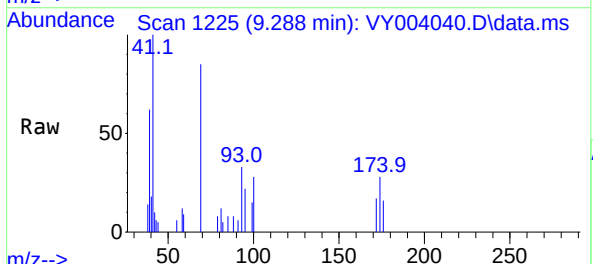
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

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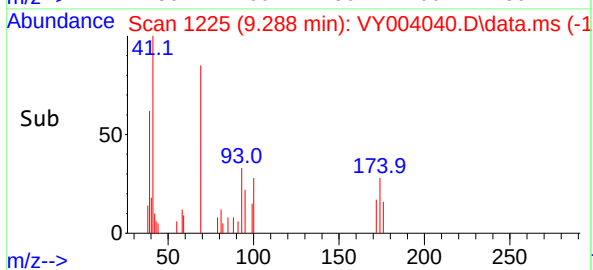
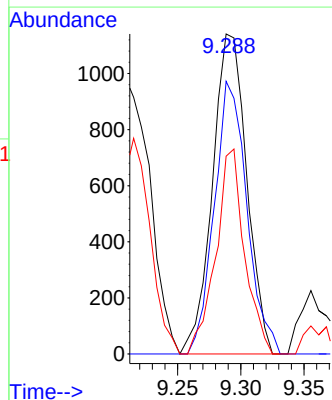
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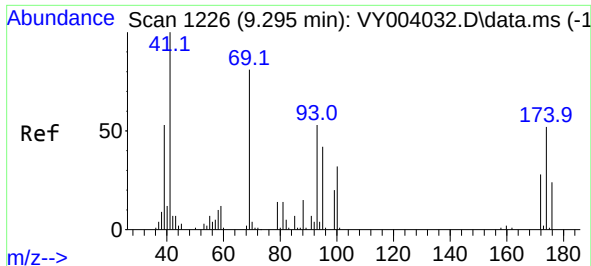


#48
Methyl methacrylate
Concen: 4.01 ug/l
RT: 9.288 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY004040.D
Acq: 22 Feb 2021 17:22



Tgt Ion: 41 Resp: 2151
Ion Ratio Lower Upper
41 100
69 81.1 65.1 97.7
39 53.7 44.2 66.2





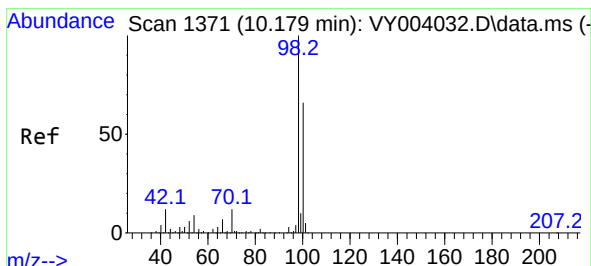
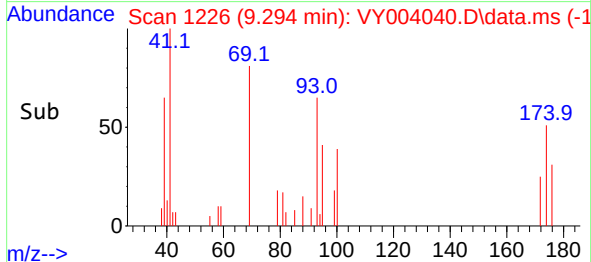
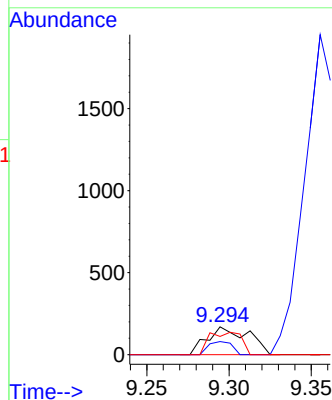
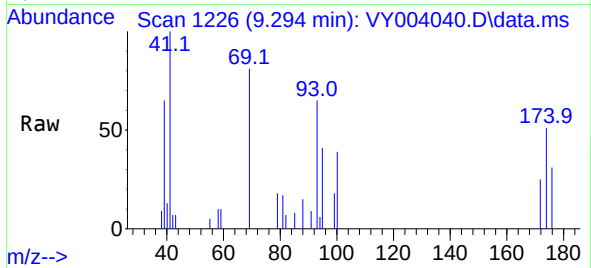
#49
1,4-Dioxane
Concen: 65.30 ug/l
RT: 9.294 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY004040.D
Acq: 22 Feb 2021 17:22

Tgt Ion: 88 Resp: 295
Ion Ratio Lower Upper
88 100
43 0.0 32.0 48.0#
58 62.7 56.5 84.7

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

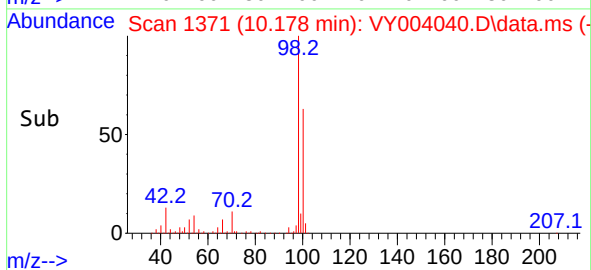
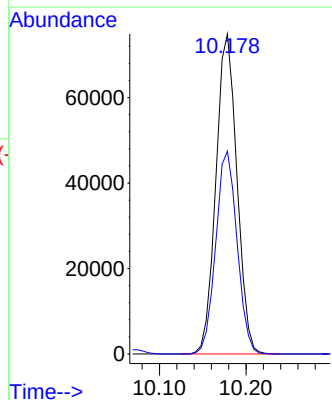
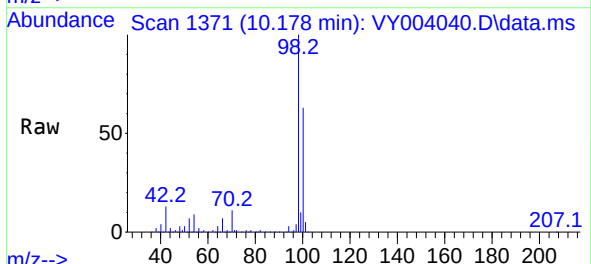
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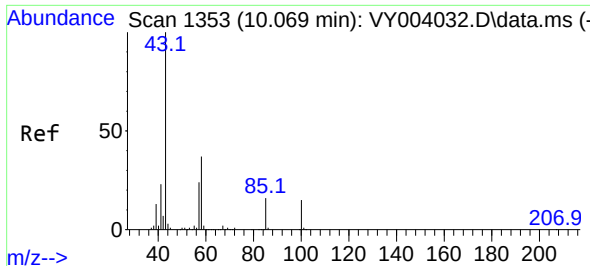
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#50
Toluene-d8
Concen: 53.15 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY004040.D
Acq: 22 Feb 2021 17:22

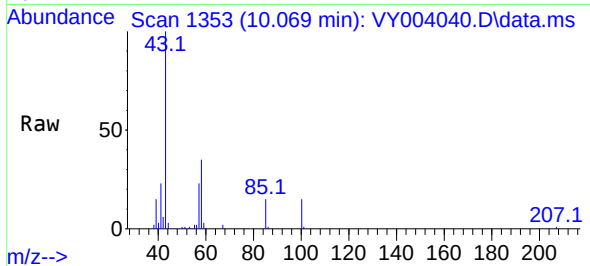
Tgt Ion: 98 Resp: 126283
Ion Ratio Lower Upper
98 100
100 64.1 51.8 77.6





#51
4-Methyl-2-Pentanone
Concen: 18.81 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY004040.D
Acq: 22 Feb 2021 17:22

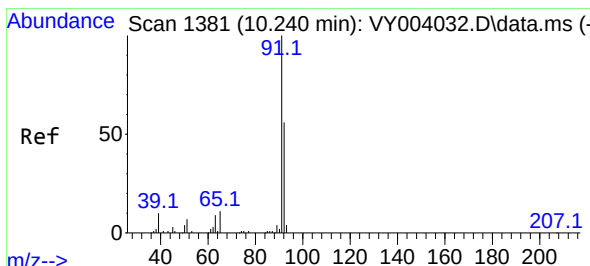
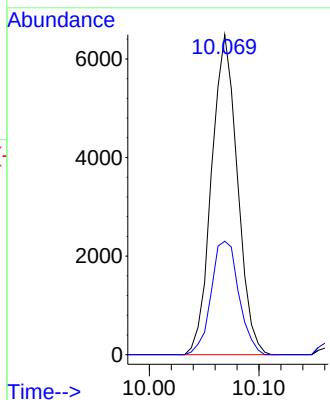
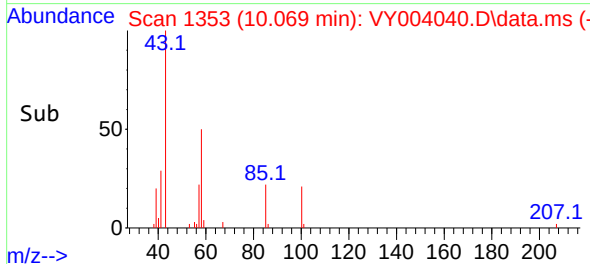
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



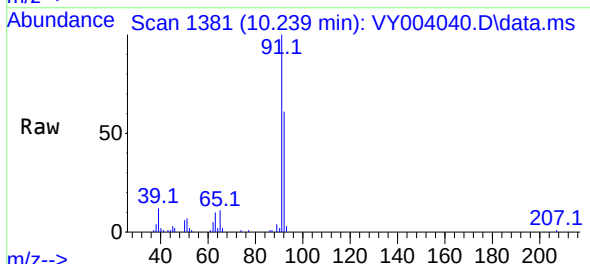
Tgt Ion: 43 Resp: 10650
Ion Ratio Lower Upper
43 100
58 37.9 29.8 44.8

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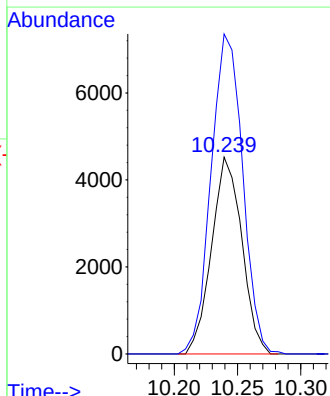
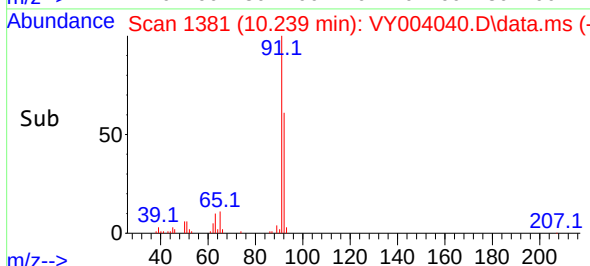
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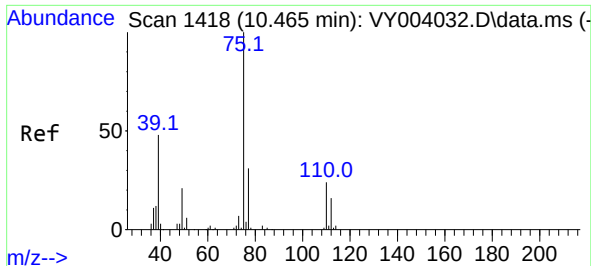


#52
Toluene
Concen: 4.40 ug/l
RT: 10.239 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY004040.D
Acq: 22 Feb 2021 17:22



Tgt Ion: 92 Resp: 7524
Ion Ratio Lower Upper
92 100
91 169.7 141.0 211.4





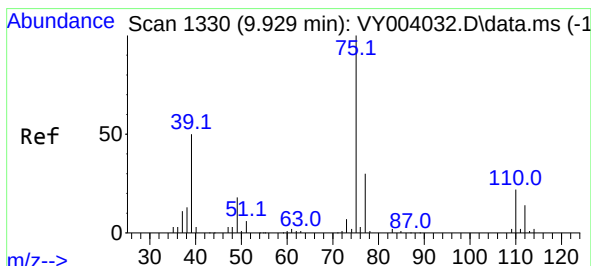
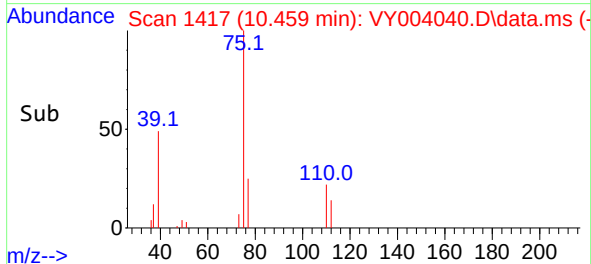
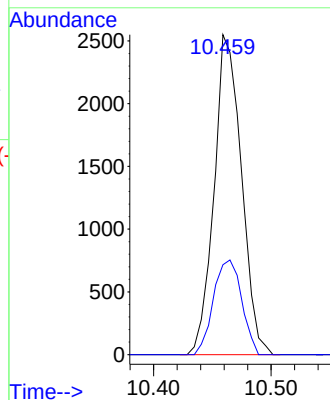
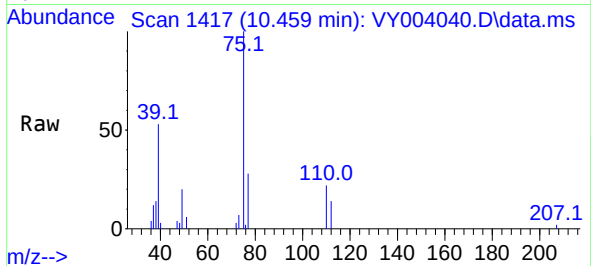
#53
t-1,3-Dichloropropene
Concen: 4.00 ug/l
RT: 10.459 min Scan# 1417
Delta R.T. -0.006 min
Lab File: VY004040.D
Acq: 22 Feb 2021 17:22

Tgt Ion: 75 Resp: 4120
Ion Ratio Lower Upper
75 100
77 28.1 24.5 36.7

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

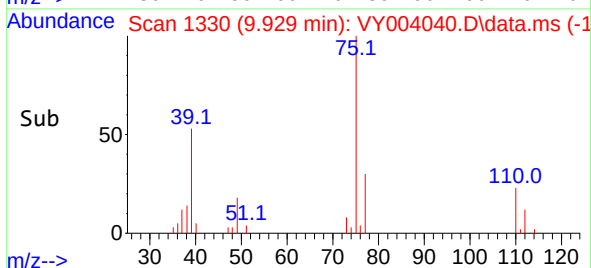
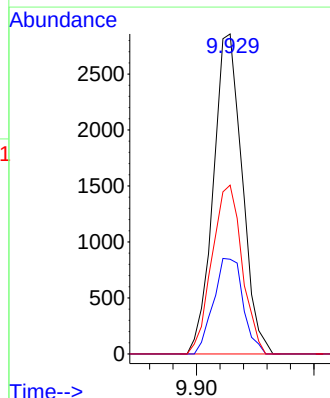
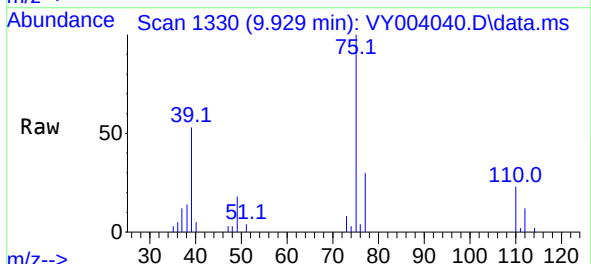
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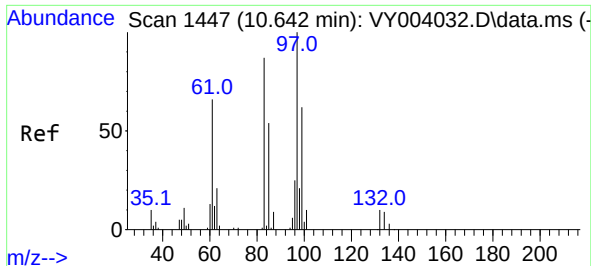
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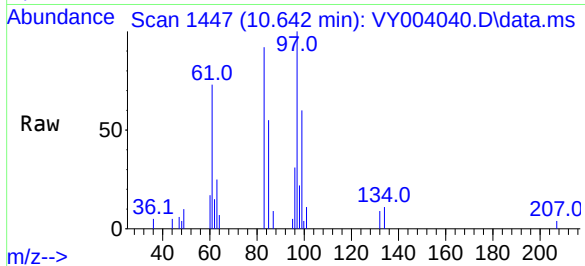
#54
cis-1,3-Dichloropropene
Concen: 4.23 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY004040.D
Acq: 22 Feb 2021 17:22

Tgt Ion: 75 Resp: 4875
Ion Ratio Lower Upper
75 100
77 29.6 24.2 36.4
39 52.8 40.4 60.6

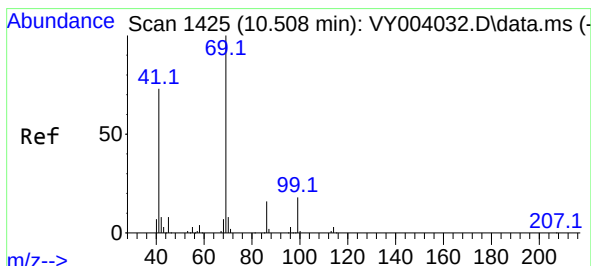
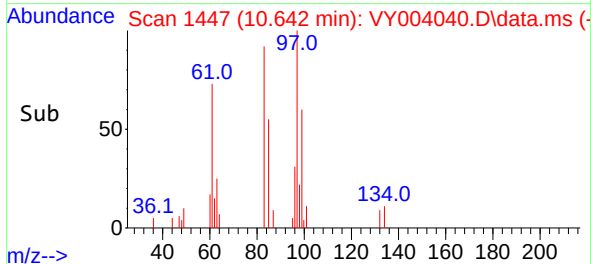
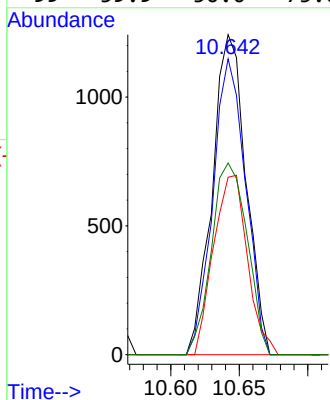




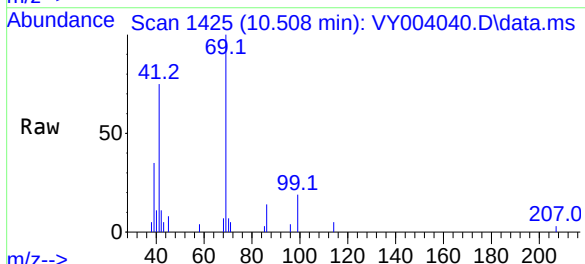
#55
1,1,2-Trichloroethane
Concen: 4.01 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY004040.D
Acq: 22 Feb 2021 17:22



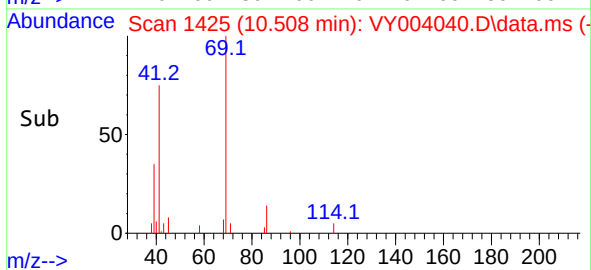
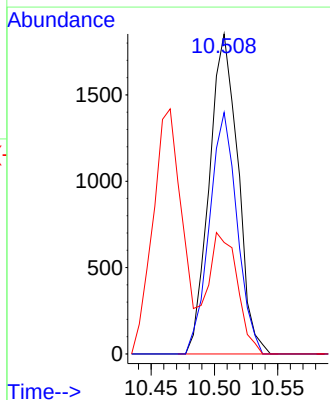
Tgt Ion:	97	Resp:	2127
Ion	Ratio	Lower	Upper
97	100		
83	92.4	69.4	104.0
85	55.5	43.4	65.0
99	59.9	50.0	75.0



#56
Ethyl methacrylate
Concen: 3.84 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY004040.D
Acq: 22 Feb 2021 17:22



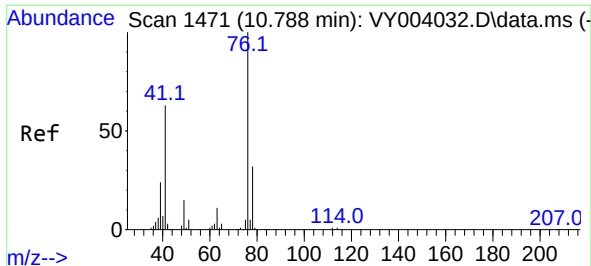
Tgt Ion:	69	Resp:	2912
Ion	Ratio	Lower	Upper
69	100		
41	73.2	57.2	85.8
39	36.2	27.8	41.6



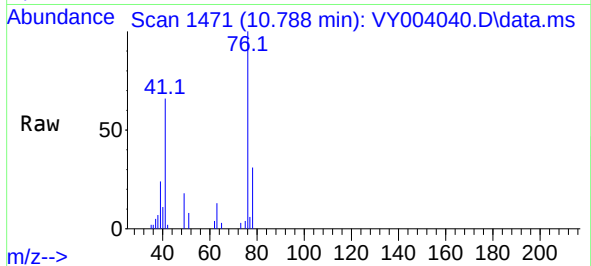
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

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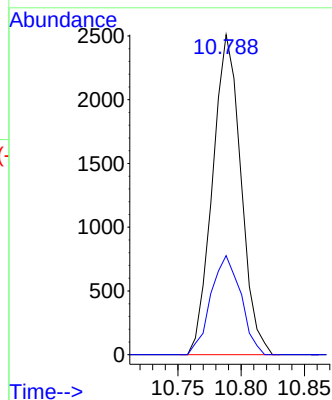
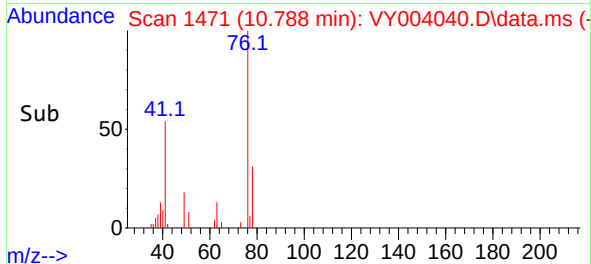
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#57
1,3-Dichloropropane
Concen: 4.17 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VY004040.D
Acq: 22 Feb 2021 17:22



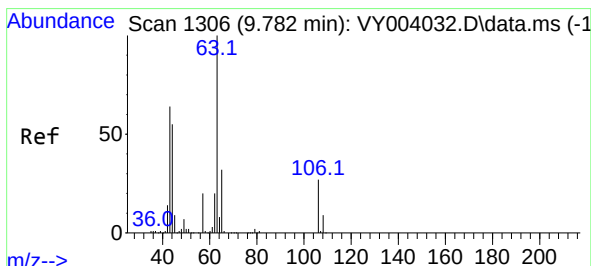
Tgt Ion: 76 Resp: 3918
Ion Ratio Lower Upper
76 100
78 32.8 25.5 38.3



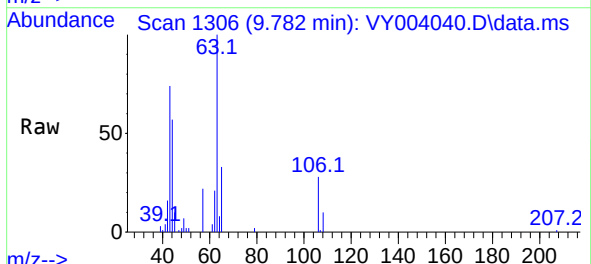
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

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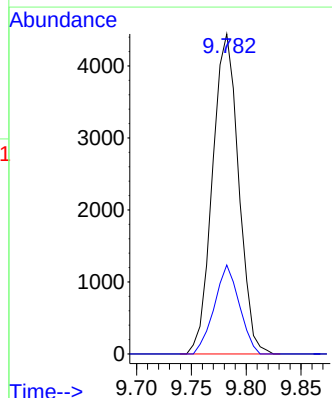
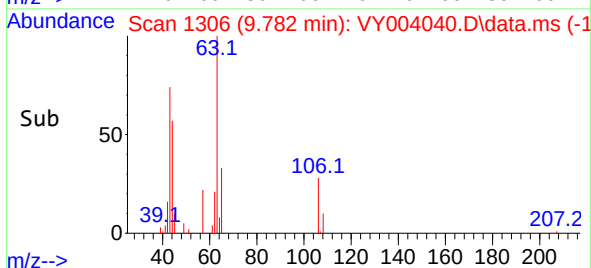
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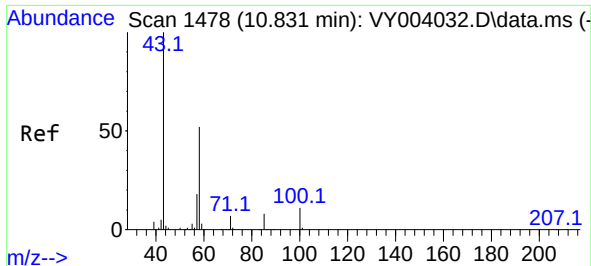


#58
2-Chloroethyl Vinyl ether
Concen: 21.43 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. -0.000 min
Lab File: VY004040.D
Acq: 22 Feb 2021 17:22

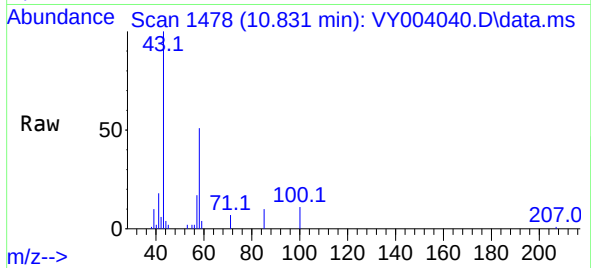


Tgt Ion: 63 Resp: 7369
Ion Ratio Lower Upper
63 100
106 26.6 22.1 33.1

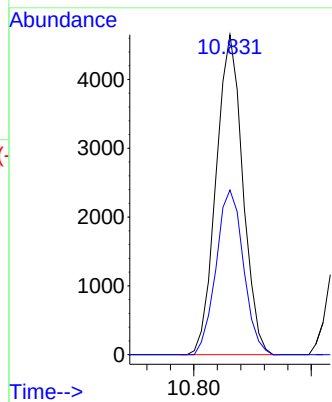
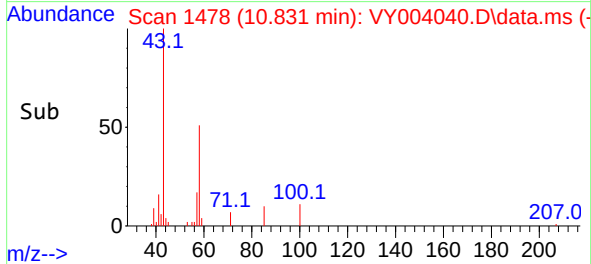




#59
2-Hexanone
Concen: 18.38 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY004040.D
Acq: 22 Feb 2021 17:22



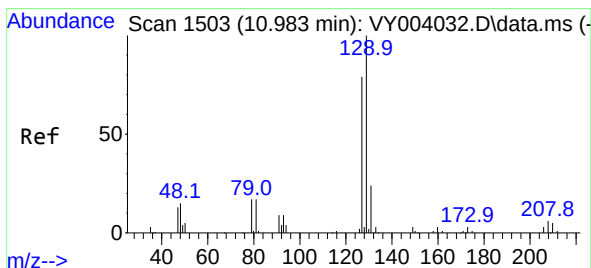
Tgt Ion: 43 Resp: 7336
Ion Ratio Lower Upper
43 100
58 52.7 26.5 79.4



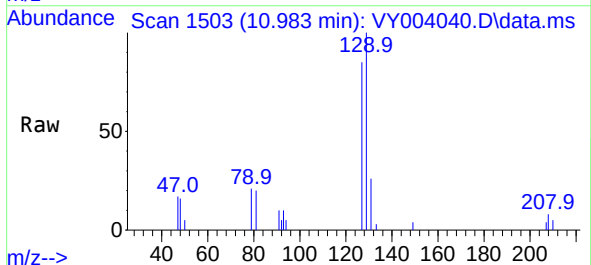
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

Manual Integrations
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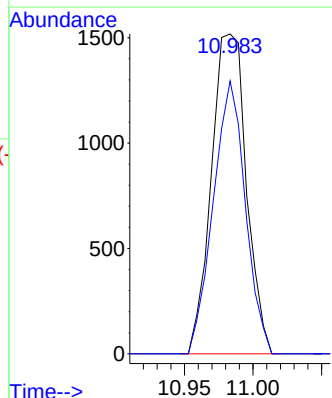
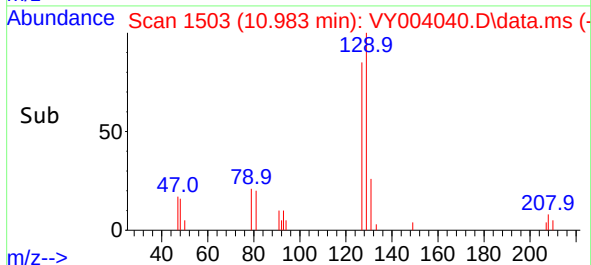
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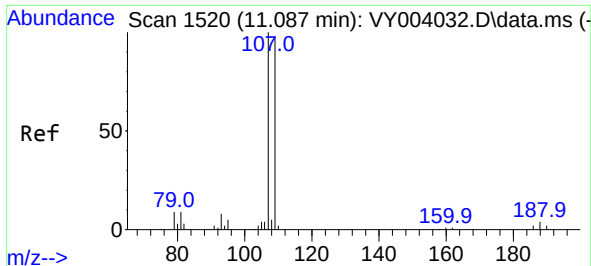


#60
Dibromochloromethane
Concen: 4.03 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY004040.D
Acq: 22 Feb 2021 17:22

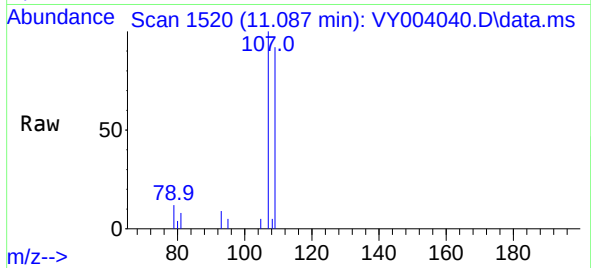


Tgt Ion: 129 Resp: 2701
Ion Ratio Lower Upper
129 100
127 78.0 39.0 117.0

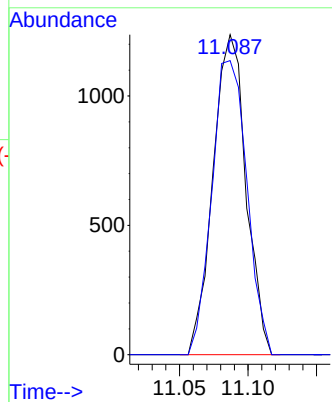
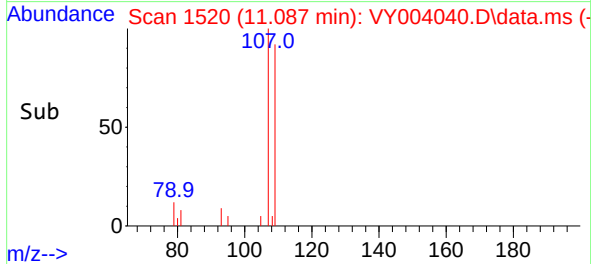




#61
1,2-Dibromoethane
Concen: 3.98 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY004040.D
Acq: 22 Feb 2021 17:22



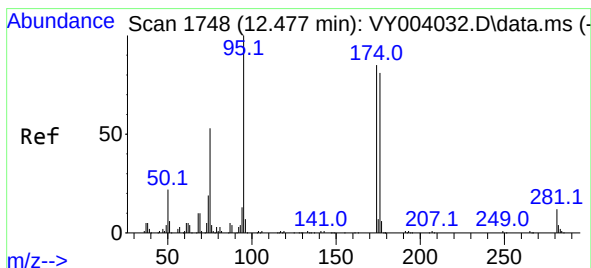
Tgt Ion:107 Resp: 2072
Ion Ratio Lower Upper
107 100
109 97.8 76.7 115.1



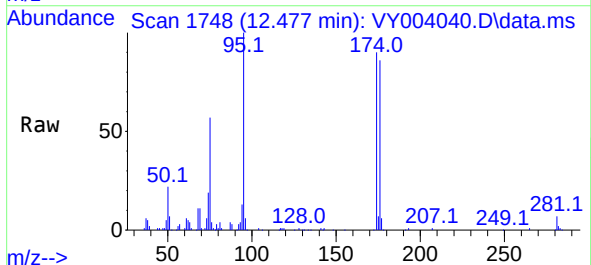
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

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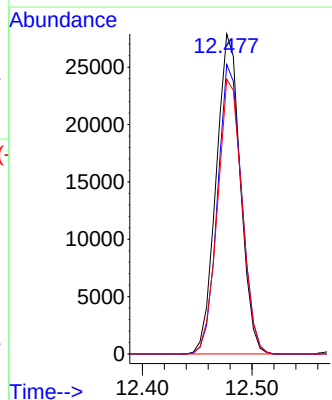
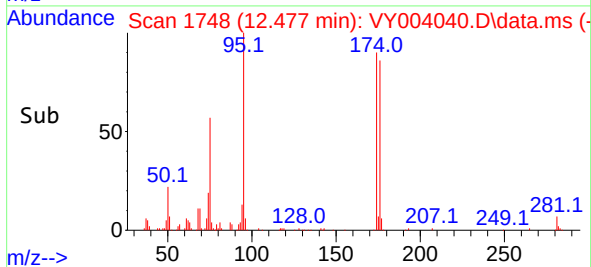
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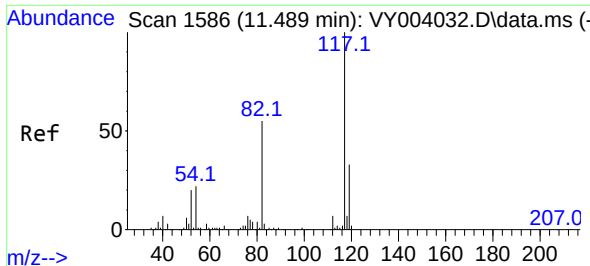


#62
4-Bromofluorobenzene
Concen: 50.88 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY004040.D
Acq: 22 Feb 2021 17:22



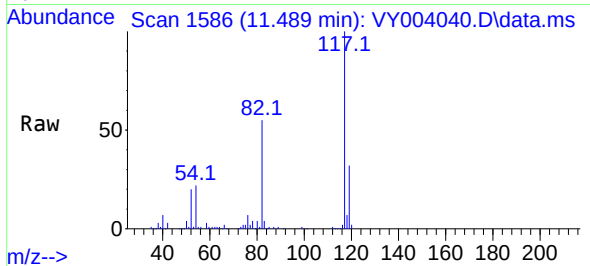
Tgt Ion: 95 Resp: 42703
Ion Ratio Lower Upper
95 100
174 89.9 0.0 179.0
176 86.9 0.0 174.4





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY004040.D
Acq: 22 Feb 2021 17:22

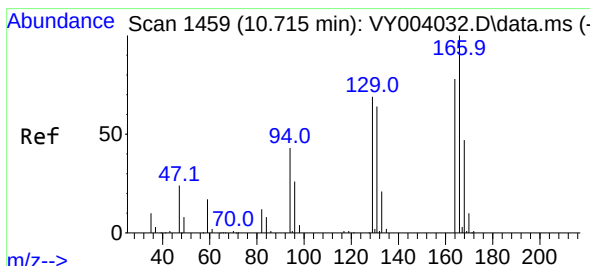
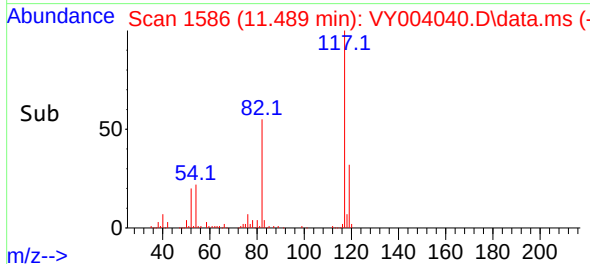
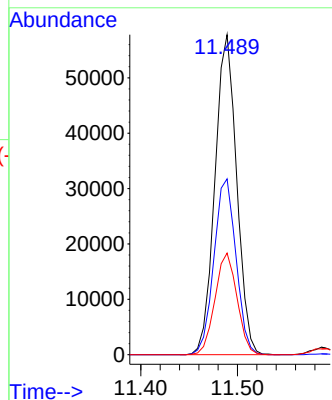
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



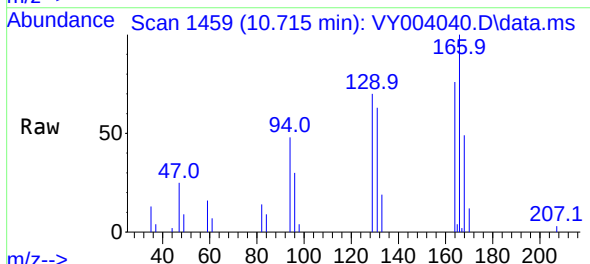
Tgt Ion:	117	Resp:	90159
Ion	Ratio	Lower	Upper
117	100		
82	54.9	43.8	65.6
119	31.7	26.2	39.2

Manual Integrations
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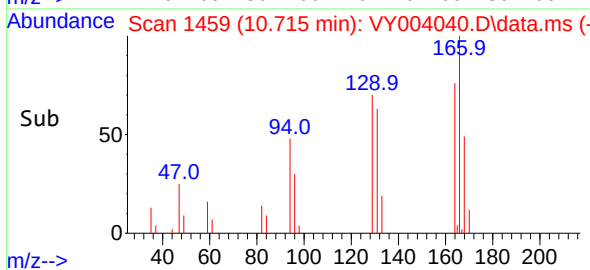
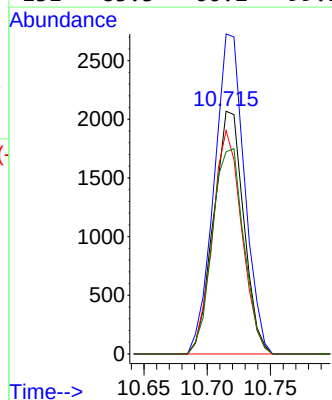
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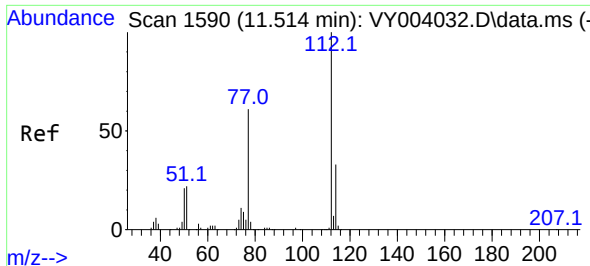


#64
Tetrachloroethene
Concen: 4.11 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VY004040.D
Acq: 22 Feb 2021 17:22



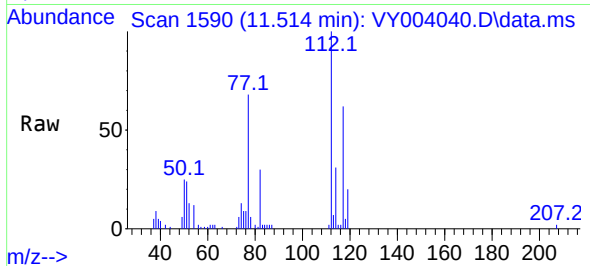
Tgt Ion:	164	Resp:	3417
Ion	Ratio	Lower	Upper
164	100		
166	131.8	102.7	154.1
129	92.0	70.6	105.8
131	83.3	66.2	99.2





#65
Chlorobenzene
Concen: 4.22 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY004040.D
Acq: 22 Feb 2021 17:22

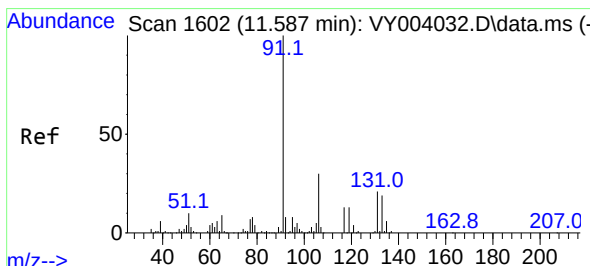
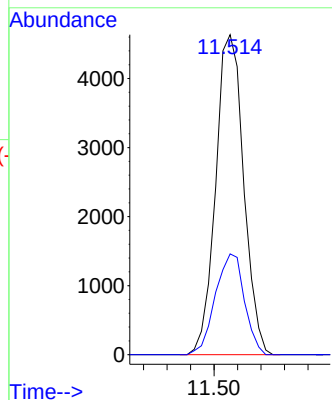
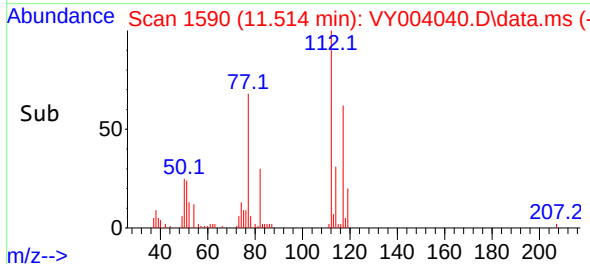
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



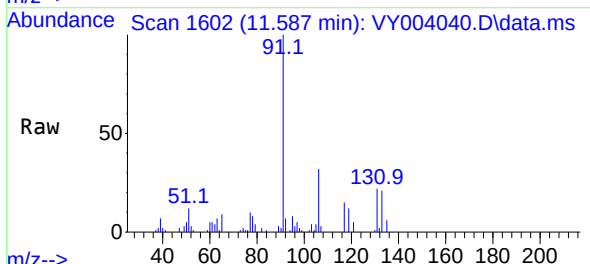
Tgt Ion:112 Resp: 7668
Ion Ratio Lower Upper
112 100
114 31.5 26.5 39.7

Manual Integrations
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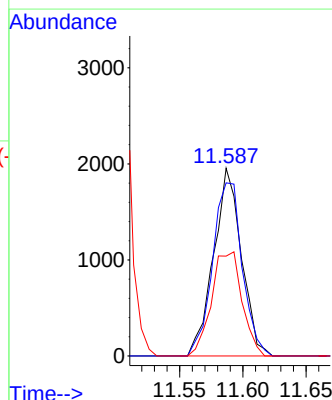
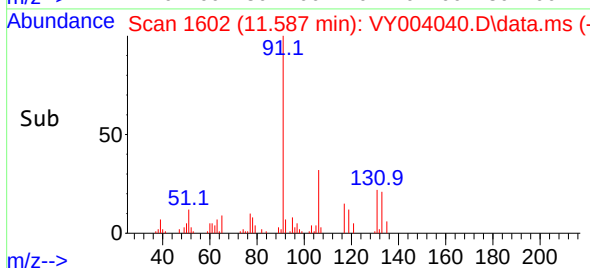
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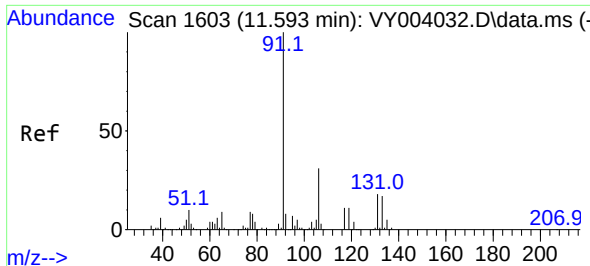


#66
1,1,1,2-Tetrachloroethane
Concen: 4.31 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY004040.D
Acq: 22 Feb 2021 17:22



Tgt Ion:131 Resp: 2990
Ion Ratio Lower Upper
131 100
133 98.7 48.1 144.3
119 60.7 31.5 94.5





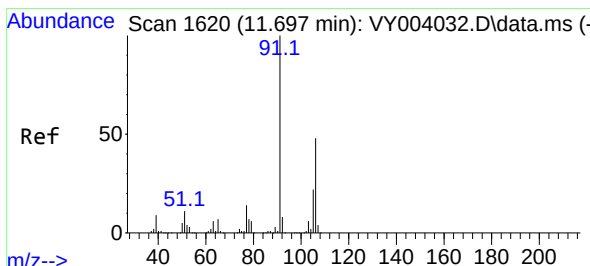
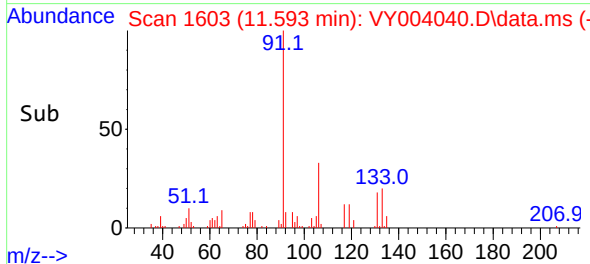
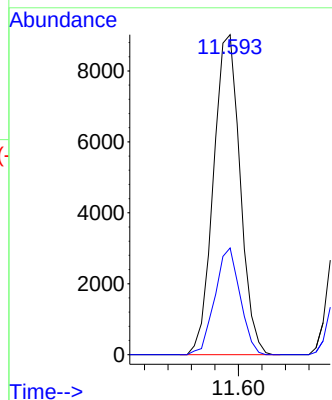
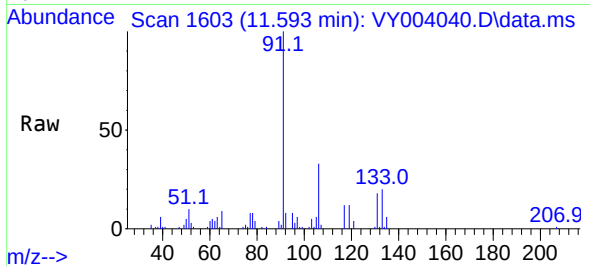
#67
Ethyl Benzene
Concen: 4.17 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY004040.D
Acq: 22 Feb 2021 17:22

Tgt Ion: 91 Resp: 14218
Ion Ratio Lower Upper
91 100
106 33.3 24.5 36.7

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

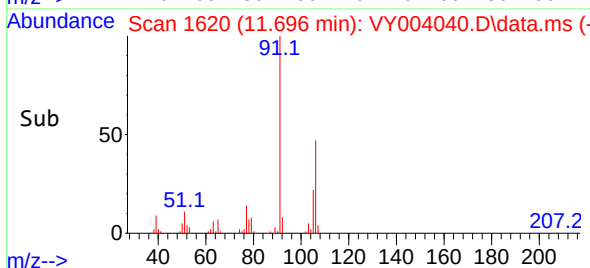
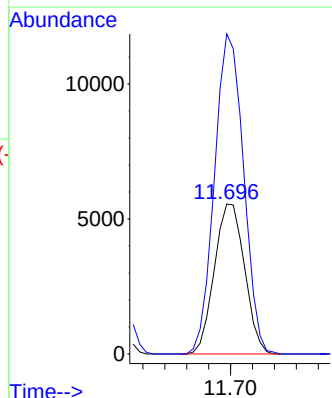
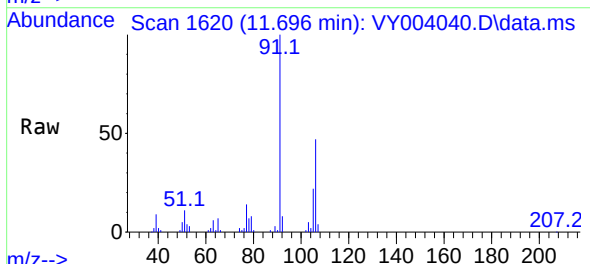
Manual Integrations
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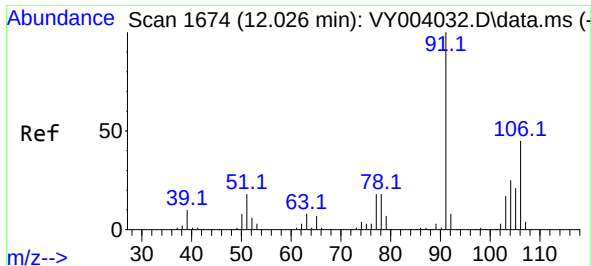
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#68
m/p-Xylenes
Concen: 8.45 ug/l
RT: 11.696 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VY004040.D
Acq: 22 Feb 2021 17:22

Tgt Ion:106 Resp: 10622
Ion Ratio Lower Upper
106 100
91 205.8 165.4 248.0





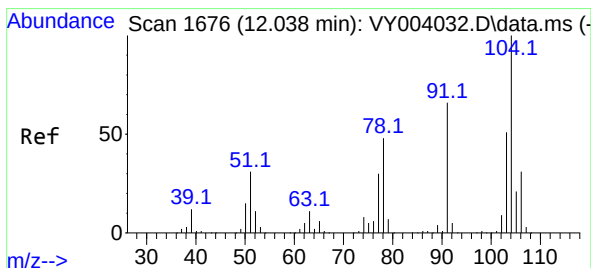
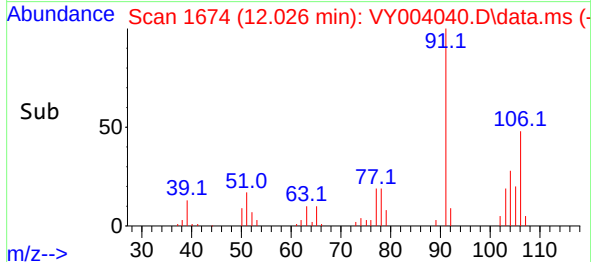
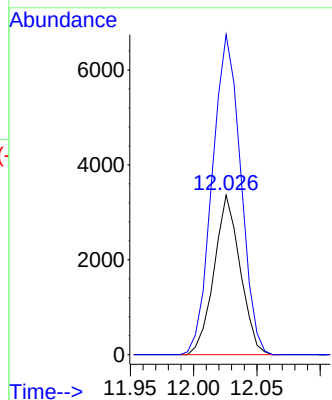
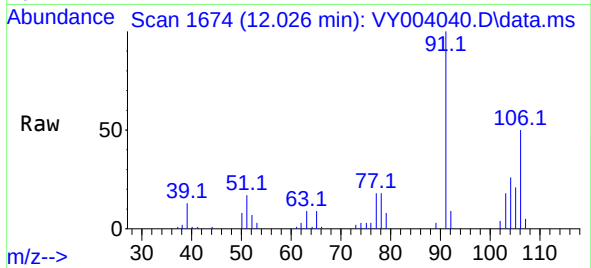
#69
o-Xylene
Concen: 4.08 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY004040.D
Acq: 22 Feb 2021 17:22

Tgt Ion:106 Resp: 4823
Ion Ratio Lower Upper
106 100
91 218.5 108.9 326.7

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

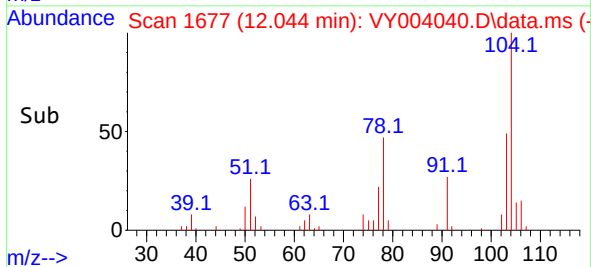
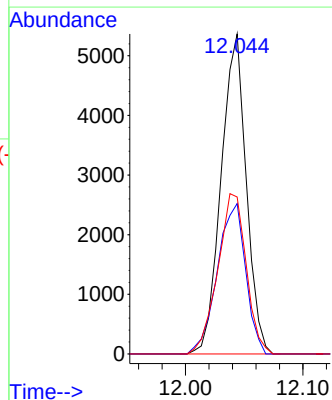
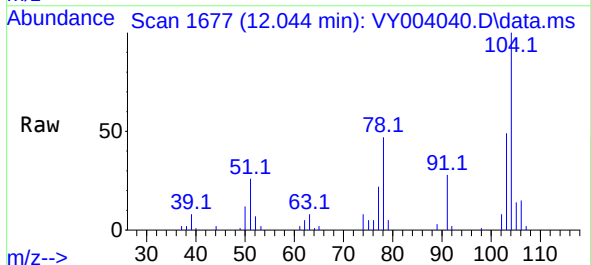
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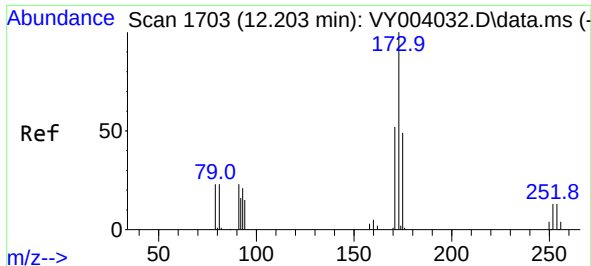
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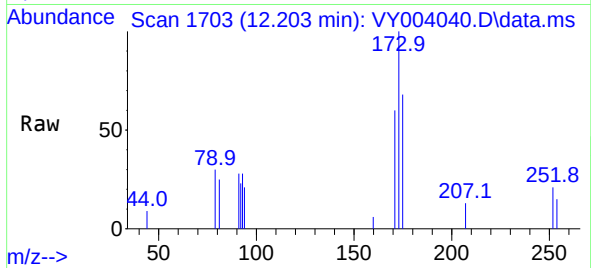
#70
Styrene
Concen: 3.93 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VY004040.D
Acq: 22 Feb 2021 17:22

Tgt Ion:104 Resp: 7963
Ion Ratio Lower Upper
104 100
78 53.0 41.1 61.7
103 56.7 43.9 65.9

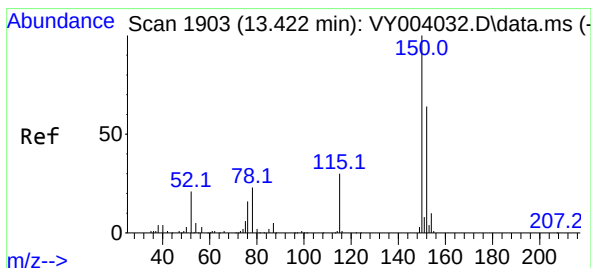
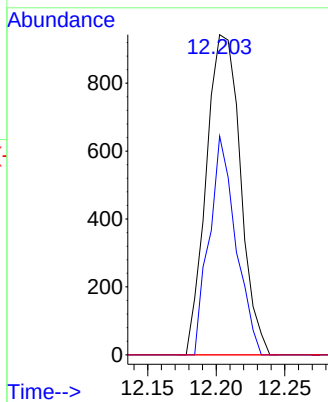
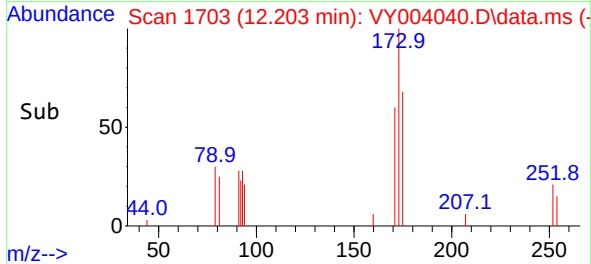




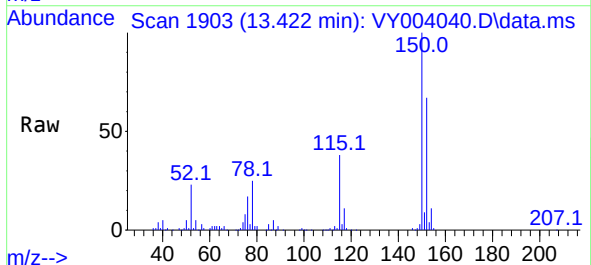
#71
Bromoform
Concen: 3.69 ug/l
RT: 12.203 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VY004040.D
Acq: 22 Feb 2021 17:22



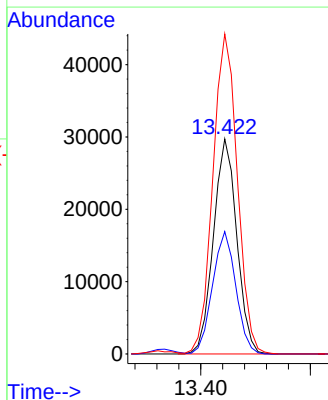
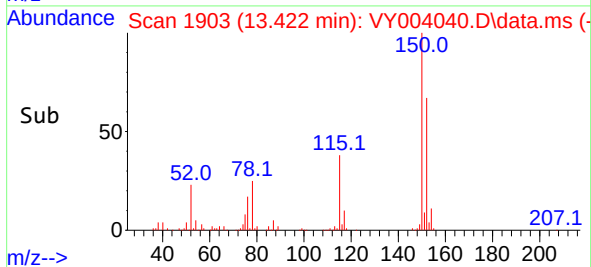
Tgt Ion:173 Resp: 1636
Ion Ratio Lower Upper
173 100
175 52.9 24.1 72.4
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY004040.D
Acq: 22 Feb 2021 17:22



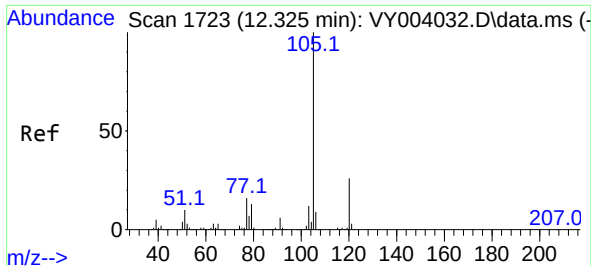
Tgt Ion:152 Resp: 44002
Ion Ratio Lower Upper
152 100
115 56.7 28.2 84.6
150 155.9 0.0 347.2



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

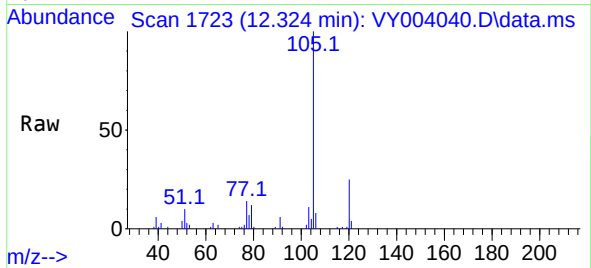
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#73
Isopropylbenzene
Concen: 4.17 ug/l
RT: 12.324 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VY004040.D
Acq: 22 Feb 2021 17:22

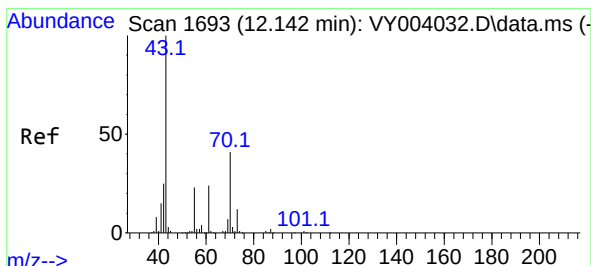
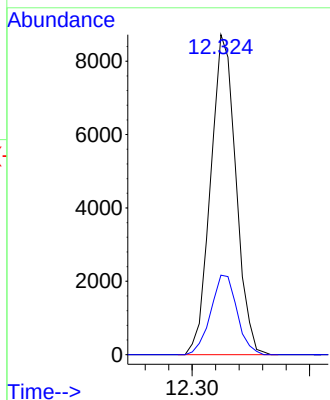
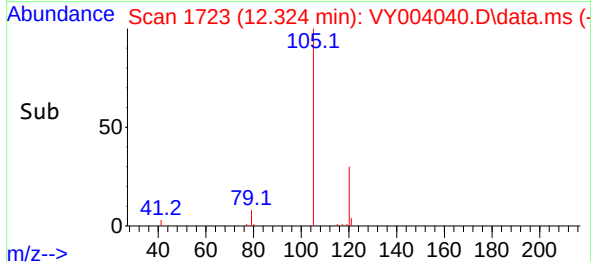
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



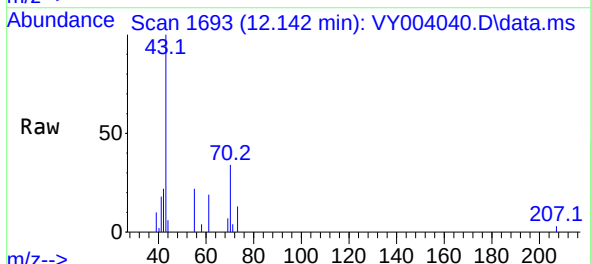
Tgt Ion: 105 Resp: 13031
Ion Ratio Lower Upper
105 100
120 25.9 13.3 39.9

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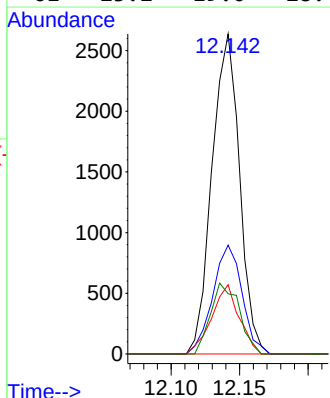
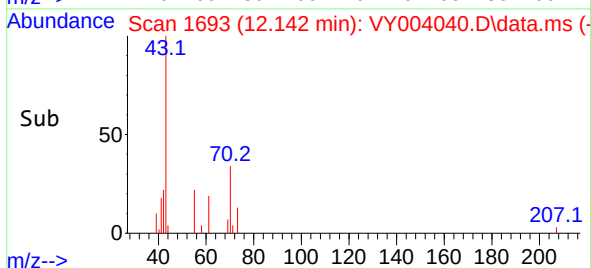
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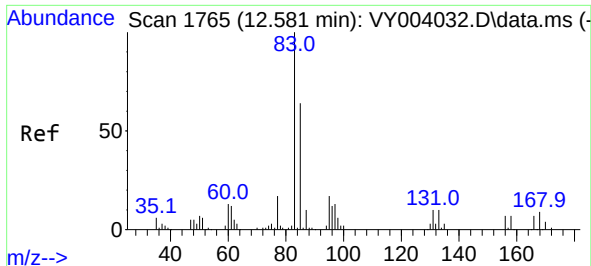


#74
N-ethyl acetate
Concen: 3.90 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY004040.D
Acq: 22 Feb 2021 17:22



Tgt Ion: 43 Resp: 3679
Ion Ratio Lower Upper
43 100
70 36.3 32.3 48.5
55 21.6 18.4 27.6
61 23.2 19.0 28.4





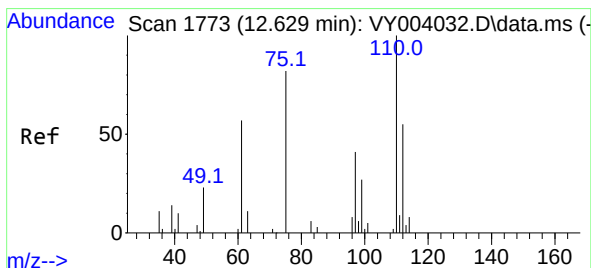
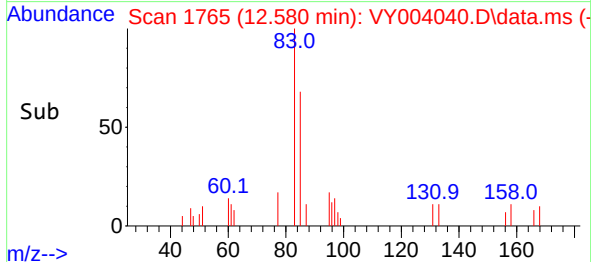
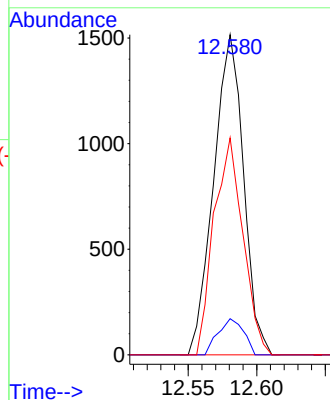
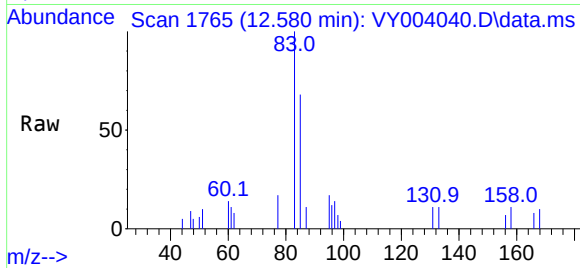
#75
1,1,2,2-Tetrachloroethane
Concen: 4.04 ug/l
RT: 12.580 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY004040.D
Acq: 22 Feb 2021 17:22

Tgt Ion: 83 Resp: 2297
Ion Ratio Lower Upper
83 100
131 9.6 5.5 16.4
85 65.8 31.6 95.0

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

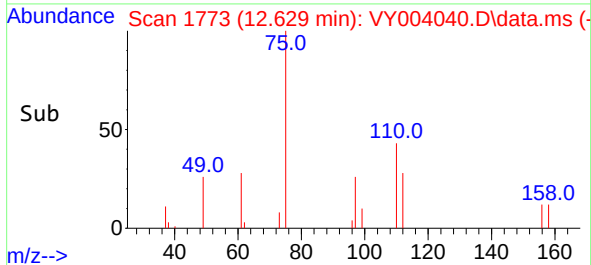
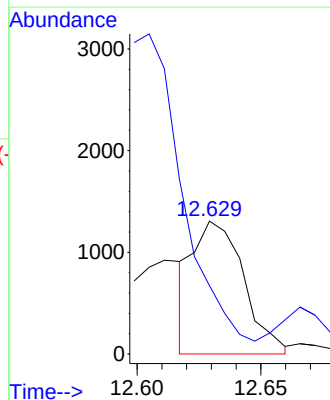
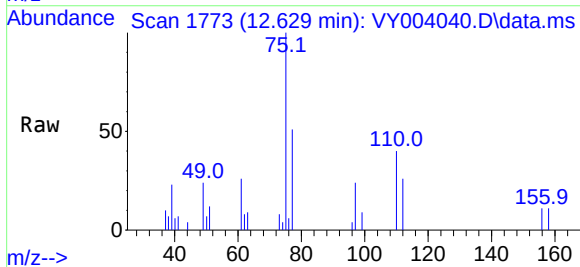
Manual Integrations
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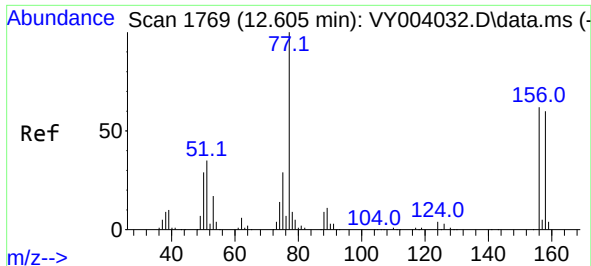
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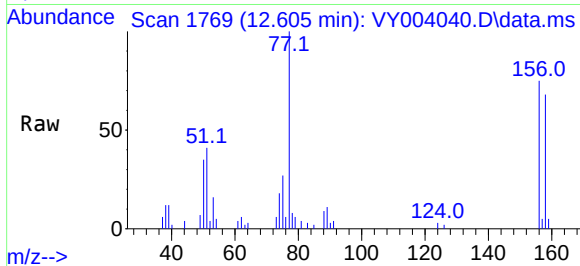
#76
1,2,3-Trichloropropane
Concen: 4.20 ug/l m
RT: 12.629 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY004040.D
Acq: 22 Feb 2021 17:22

Tgt Ion: 75 Resp: 1853
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

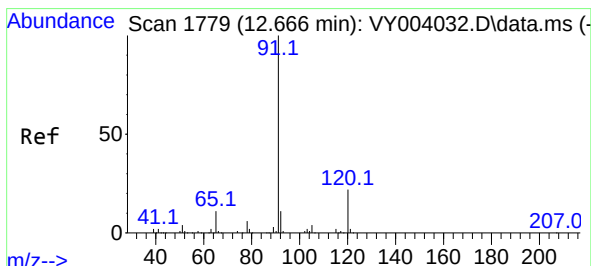
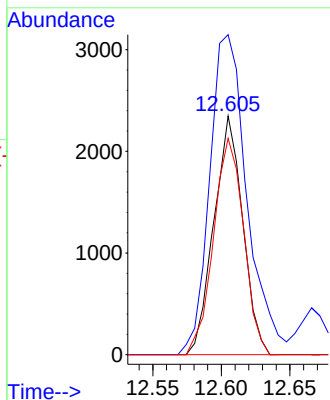
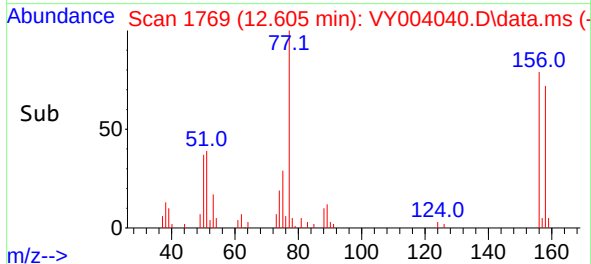




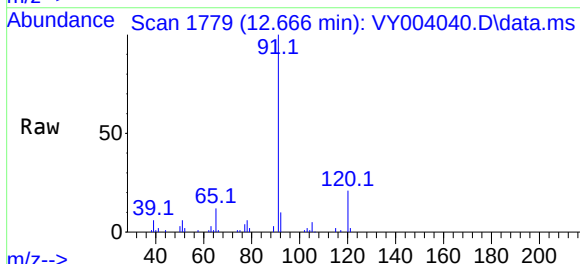
#77
Bromobenzene
Concen: 4.47 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.000 min
Lab File: VY004040.D
Acq: 22 Feb 2021 17:22



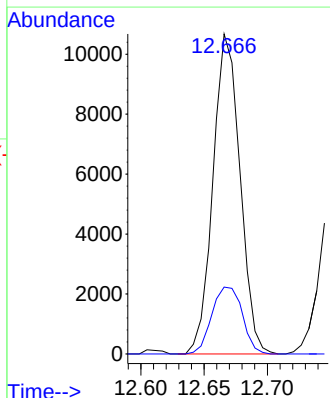
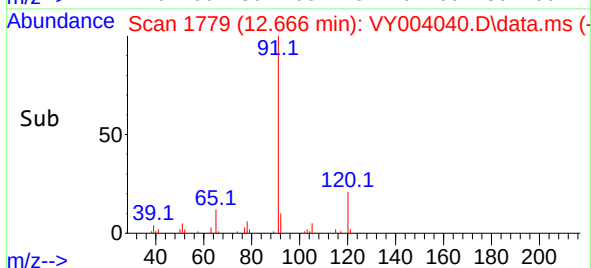
Tgt Ion: 156 Resp: 3438
Ion Ratio Lower Upper
156 100
77 173.3 90.5 271.3
158 94.5 48.9 146.6



#78
n-propylbenzene
Concen: 4.24 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VY004040.D
Acq: 22 Feb 2021 17:22



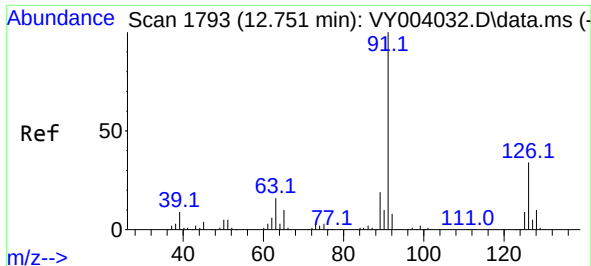
Tgt Ion: 91 Resp: 15843
Ion Ratio Lower Upper
91 100
120 23.6 11.3 33.9



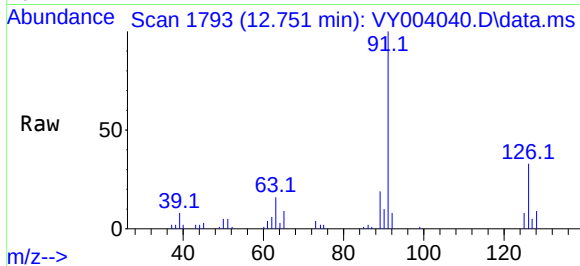
Instrument :
MSVOA_Y
ClientSampleId :
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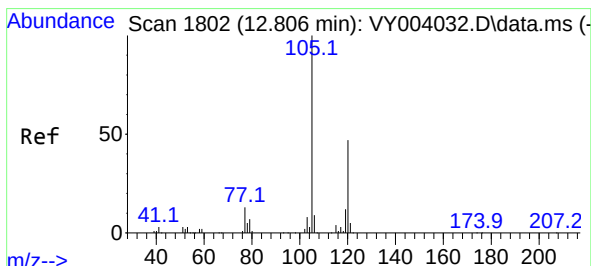
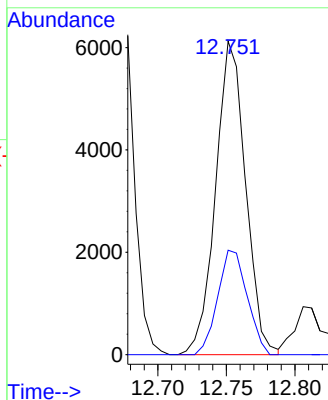
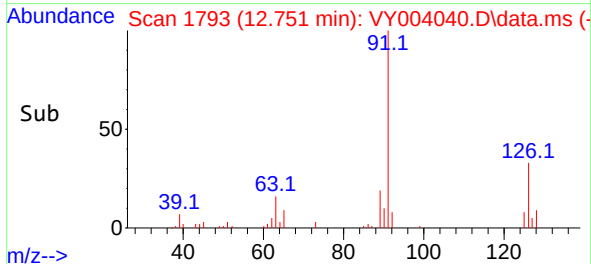
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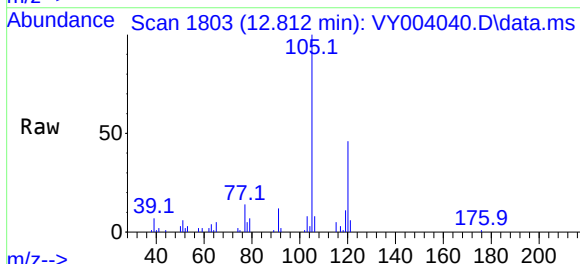
#79
2-Chlorotoluene
Concen: 4.39 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VY004040.D
Acq: 22 Feb 2021 17:22



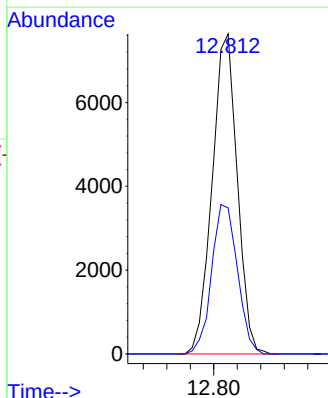
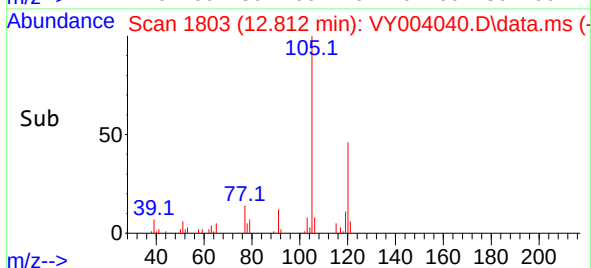
Tgt Ion: 91 Resp: 9322
Ion Ratio Lower Upper
91 100
126 32.7 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 4.25 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.006 min
Lab File: VY004040.D
Acq: 22 Feb 2021 17:22



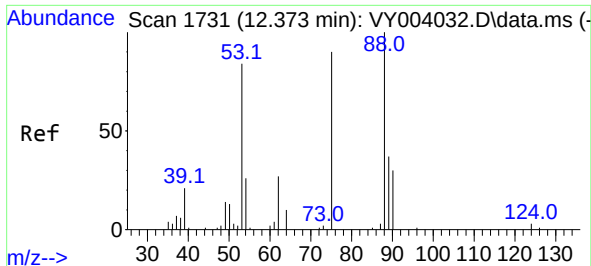
Tgt Ion: 105 Resp: 11320
Ion Ratio Lower Upper
105 100
120 48.0 24.1 72.2



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

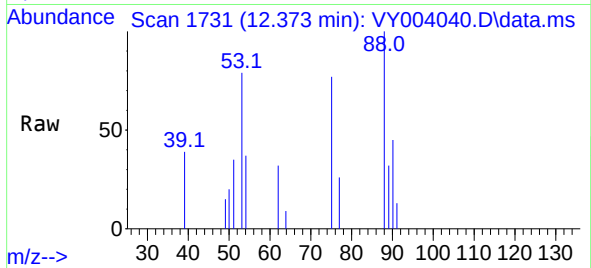
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#81
trans-1,4-Dichloro-2-butene
Concen: 3.44 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. -0.000 min
Lab File: VY004040.D
Acq: 22 Feb 2021 17:22

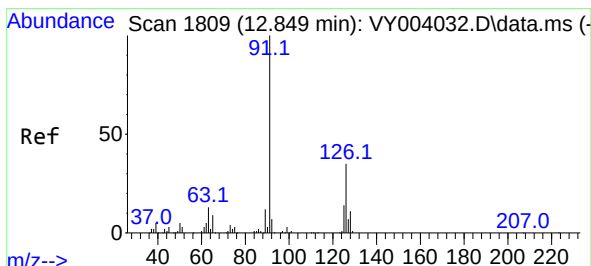
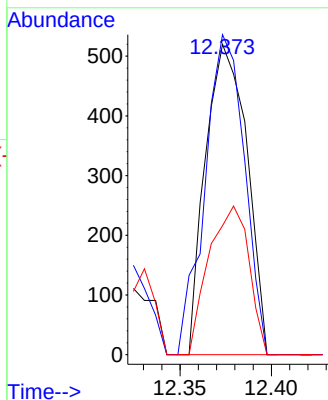
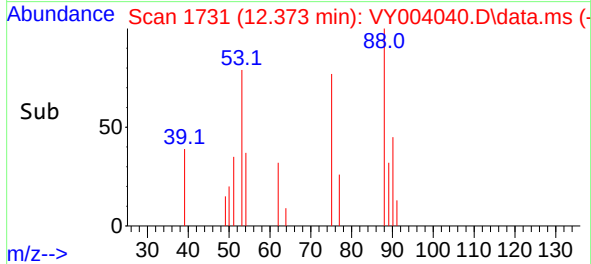
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



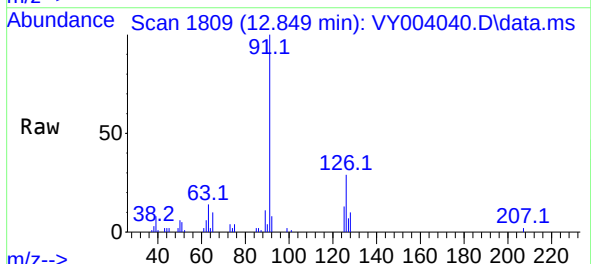
Tgt Ion: 75 Resp: 819
Ion Ratio Lower Upper
75 100
53 98.4 73.5 110.3
89 46.5 35.7 53.5

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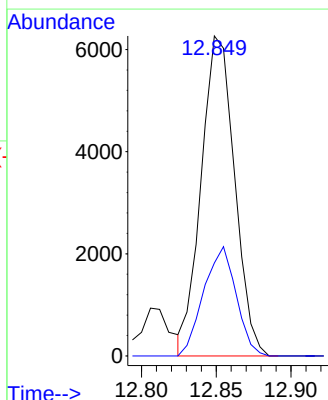
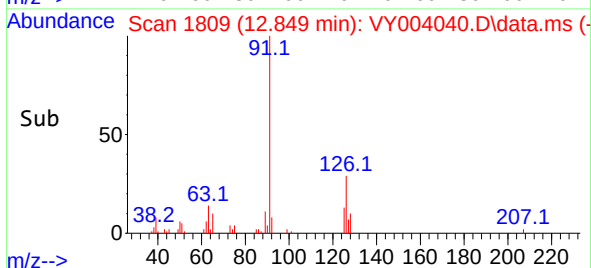
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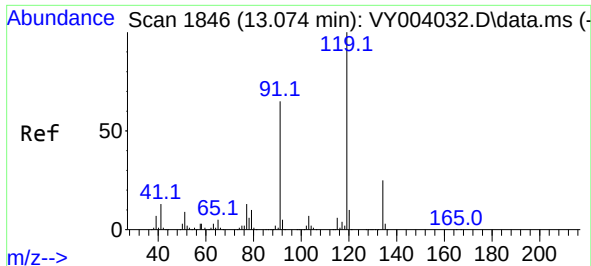


#82
4-Chlorotoluene
Concen: 4.38 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.000 min
Lab File: VY004040.D
Acq: 22 Feb 2021 17:22



Tgt Ion: 91 Resp: 9744
Ion Ratio Lower Upper
91 100
126 33.1 16.8 50.4





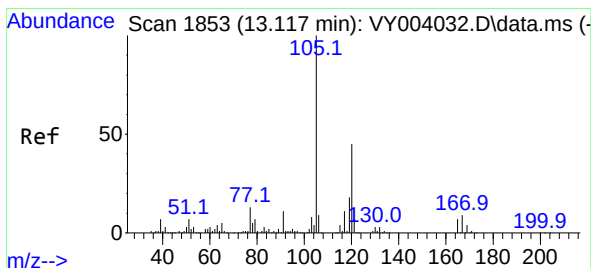
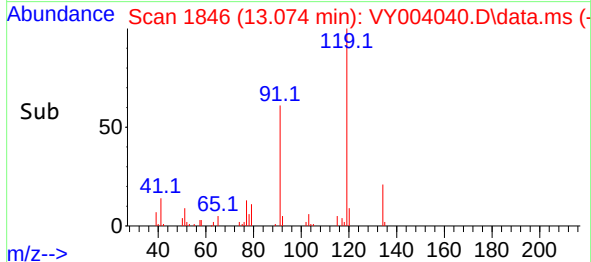
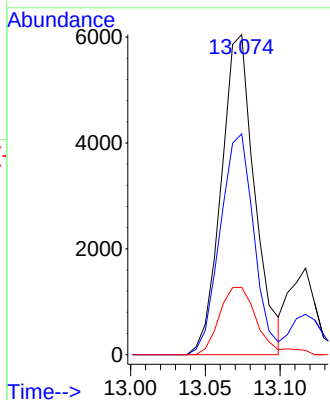
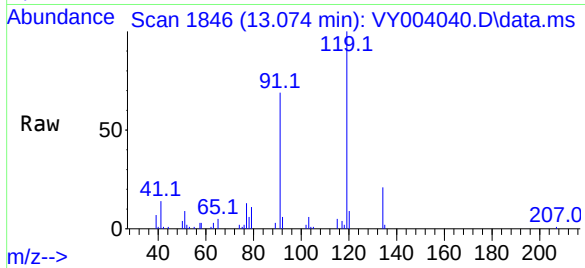
#83
tert-Butylbenzene
Concen: 4.13 ug/l
RT: 13.074 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY004040.D
Acq: 22 Feb 2021 17:22

Tgt Ion:	119	Resp:	9427
Ion	Ratio	Lower	Upper
119	100		
91	69.4	33.0	99.0
134	23.8	12.9	38.7

Instrument :
MSVOA_Y
ClientSampleId :
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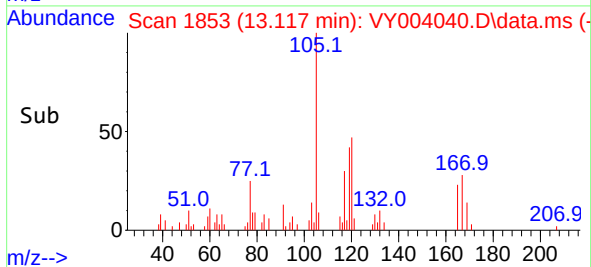
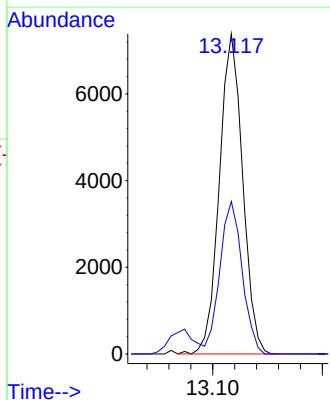
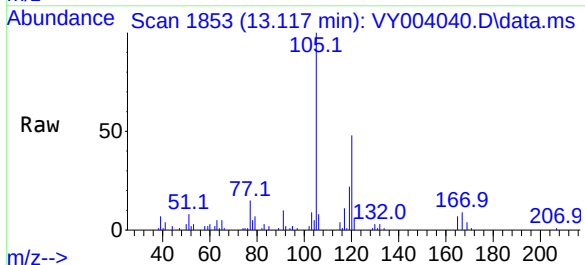
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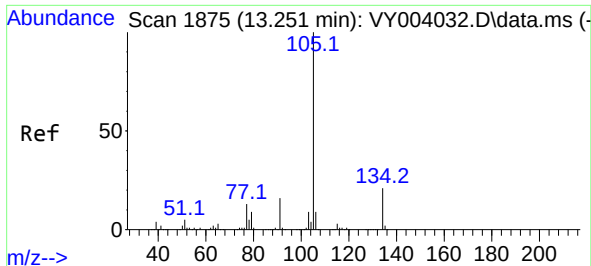
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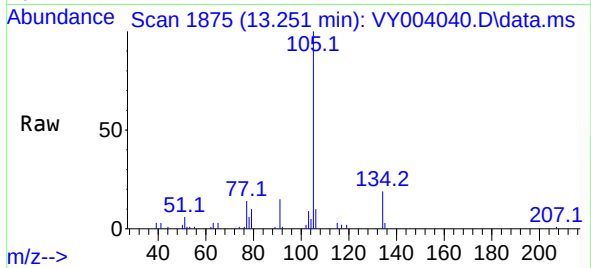
#84
1,2,4-Trimethylbenzene
Concen: 4.08 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VY004040.D
Acq: 22 Feb 2021 17:22

Tgt Ion:	105	Resp:	10890
Ion	Ratio	Lower	Upper
105	100		
120	45.6	22.1	66.3

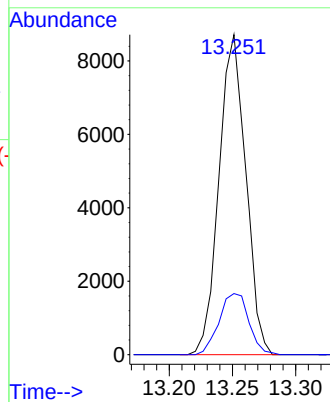
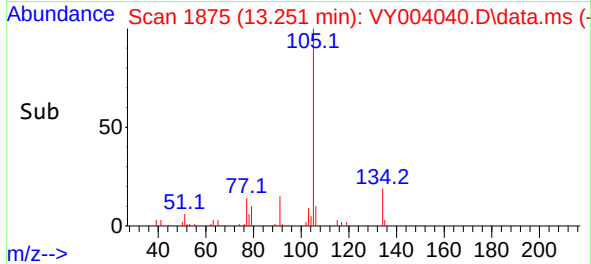




#85
sec-Butylbenzene
Concen: 4.11 ug/l
RT: 13.251 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VY004040.D
Acq: 22 Feb 2021 17:22



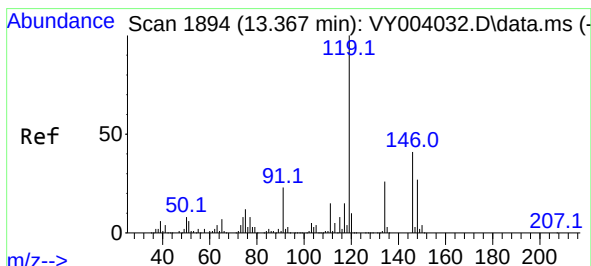
Tgt Ion:105 Resp: 12841
Ion Ratio Lower Upper
105 100
134 21.2 10.2 30.4



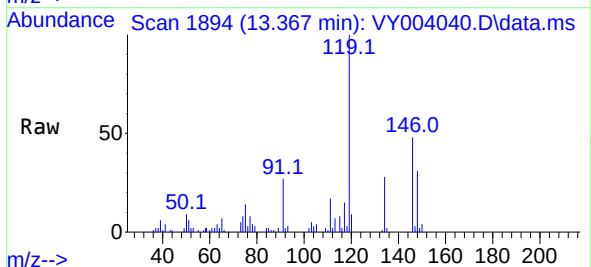
Instrument :
MSVOA_Y
ClientSampleId :
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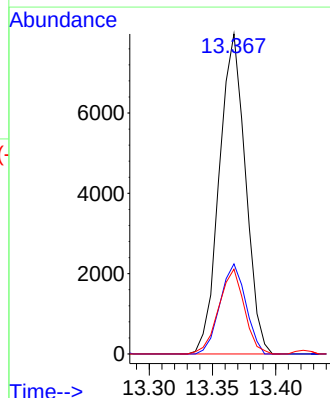
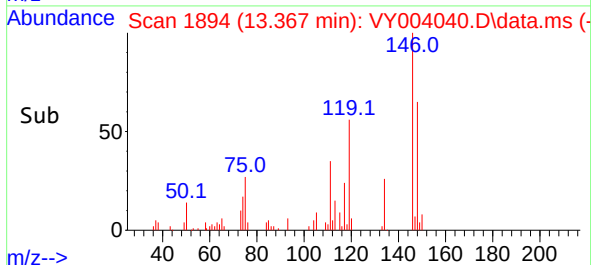
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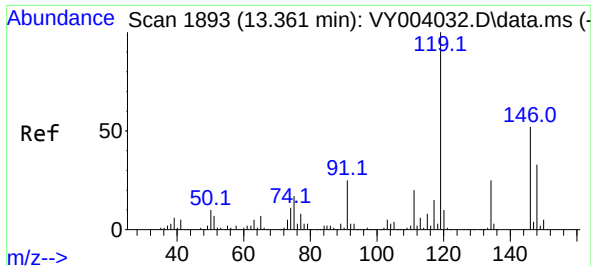


#86
p-Isopropyltoluene
Concen: 3.94 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY004040.D
Acq: 22 Feb 2021 17:22



Tgt Ion:119 Resp: 11468
Ion Ratio Lower Upper
119 100
134 27.6 13.2 39.5
91 25.8 12.1 36.3





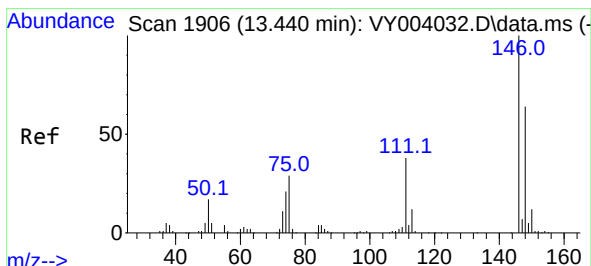
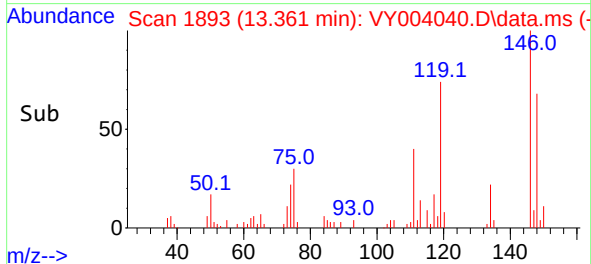
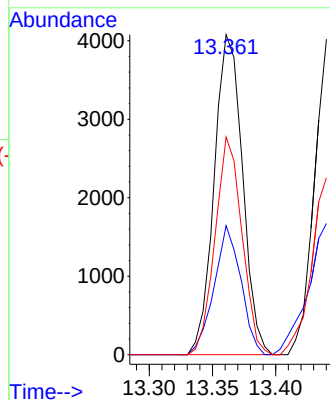
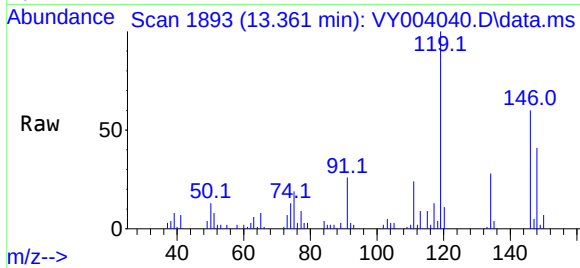
#87
1,3-Dichlorobenzene
Concen: 4.33 ug/l
RT: 13.361 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VY004040.D
Acq: 22 Feb 2021 17:22

Tgt Ion:	146	Resp:	6343
Ion Ratio	Lower	Upper	
146	100		
111	38.2	18.9	56.7
148	64.6	31.9	95.9

Instrument :
MSVOA_Y
ClientSampleId :
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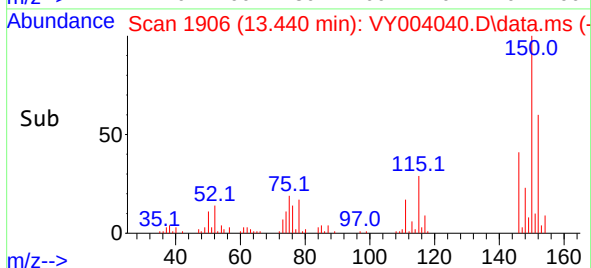
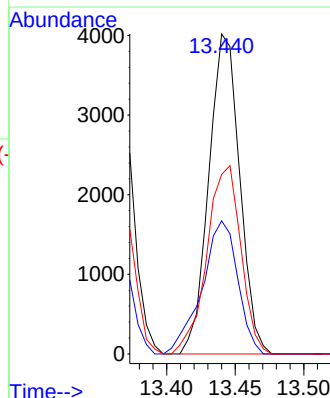
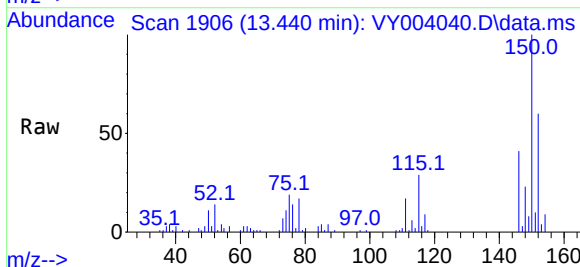
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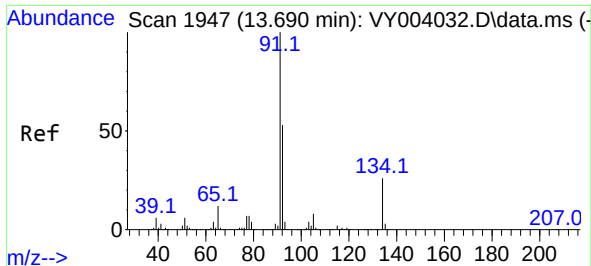
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#88
1,4-Dichlorobenzene
Concen: 4.33 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. -0.000 min
Lab File: VY004040.D
Acq: 22 Feb 2021 17:22

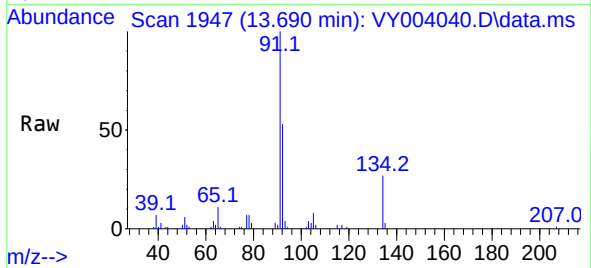
Tgt Ion:	146	Resp:	6302
Ion Ratio	Lower	Upper	
146	100		
111	48.2	18.6	55.8
148	64.7	31.8	95.4





#89
n-Butylbenzene
Concen: 4.14 ug/l
RT: 13.690 min Scan# 1947
Delta R.T. -0.000 min
Lab File: VY004040.D
Acq: 22 Feb 2021 17:22

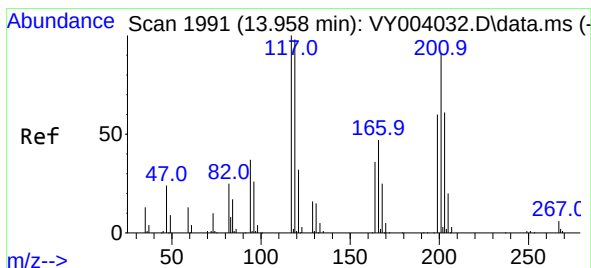
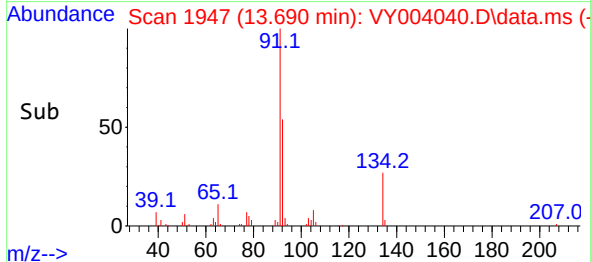
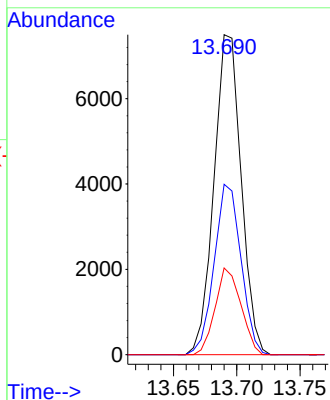
Instrument :
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ClientSampleId :
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Tgt Ion:	91	Resp:	11204
Ion	Ratio	Lower	Upper
91	100		
92	52.6	26.5	79.4
134	25.6	13.2	39.5

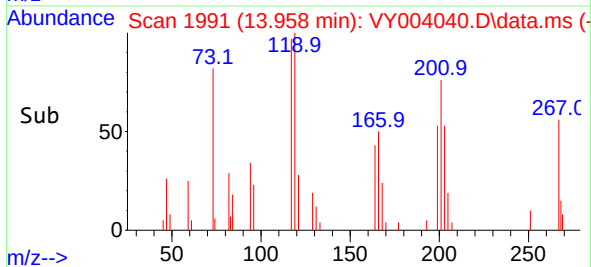
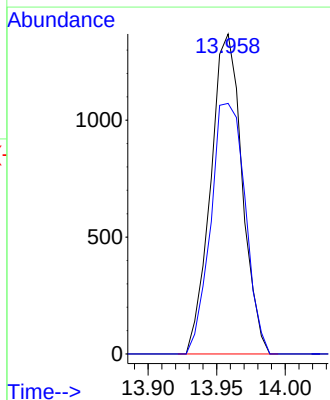
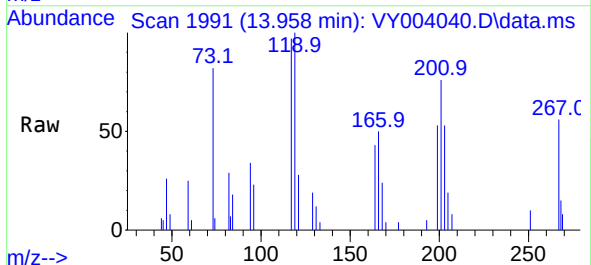
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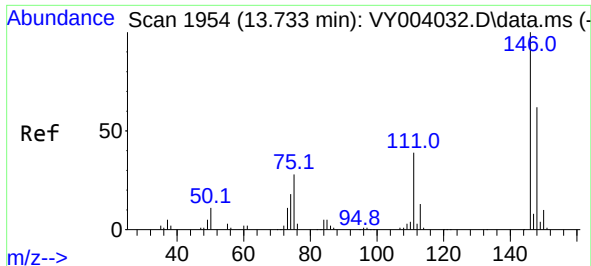
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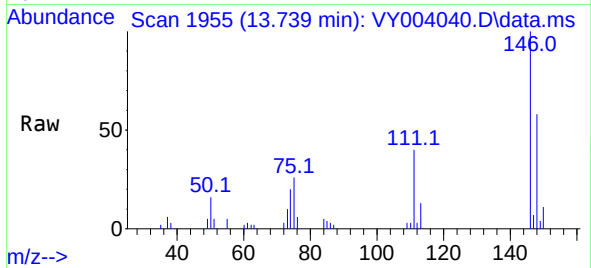
#90
Hexachloroethane
Concen: 4.21 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY004040.D
Acq: 22 Feb 2021 17:22

Tgt Ion:	117	Resp:	2185
Ion	Ratio	Lower	Upper
117	100		
201	85.9	46.0	138.0

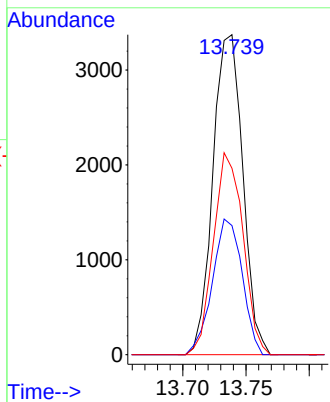
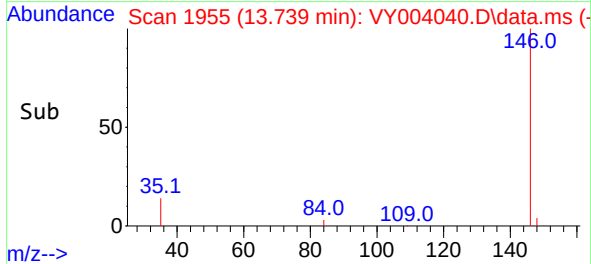




#91
1,2-Dichlorobenzene
Concen: 4.28 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.006 min
Lab File: VY004040.D
Acq: 22 Feb 2021 17:22



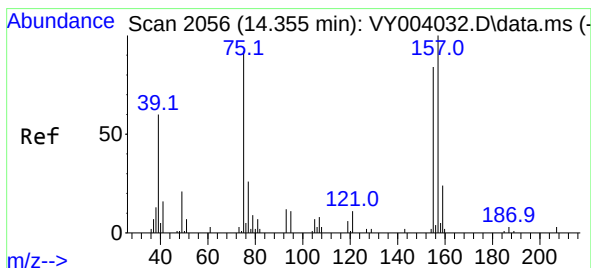
Tgt Ion:146 Resp: 5540
Ion Ratio Lower Upper
146 100
111 42.3 19.6 58.8
148 62.5 31.9 95.7



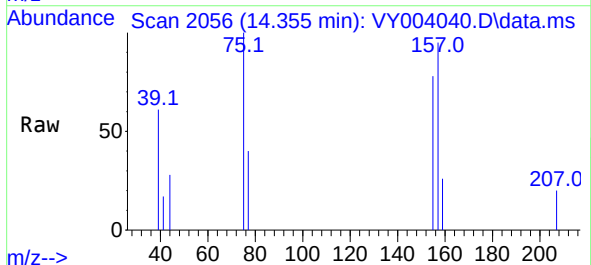
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

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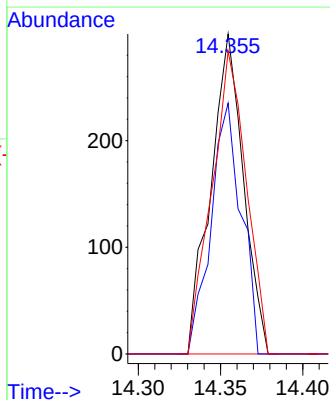
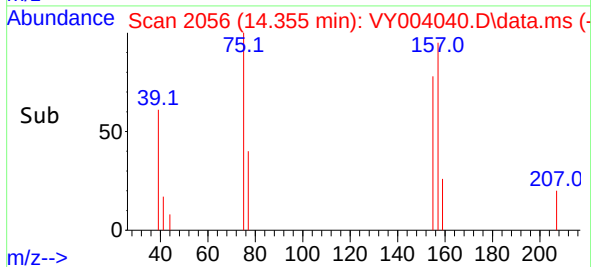
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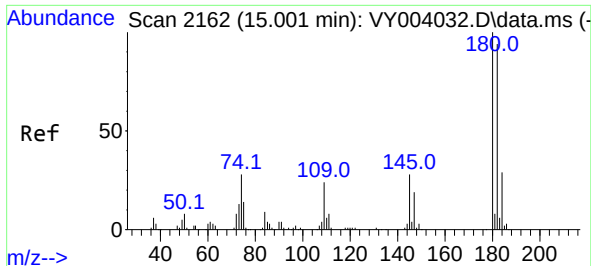


#92
1,2-Dibromo-3-Chloropropane
Concen: 3.82 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY004040.D
Acq: 22 Feb 2021 17:22

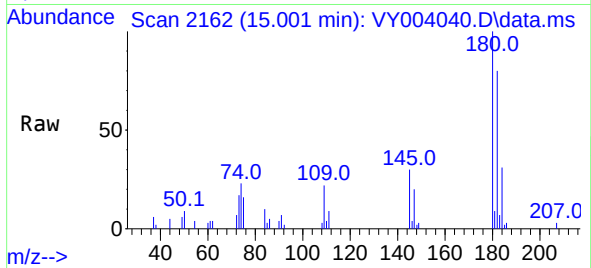


Tgt Ion: 75 Resp: 416
Ion Ratio Lower Upper
75 100
155 72.4 42.8 128.4
157 100.0 52.4 157.3

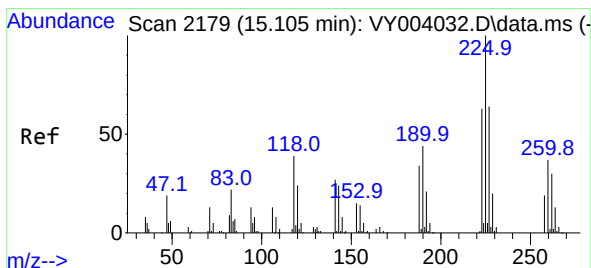
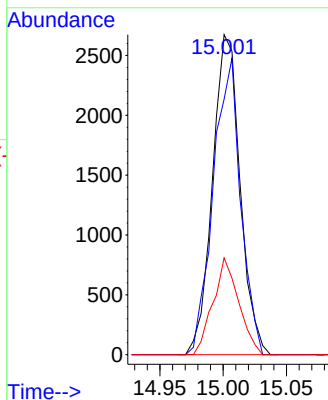
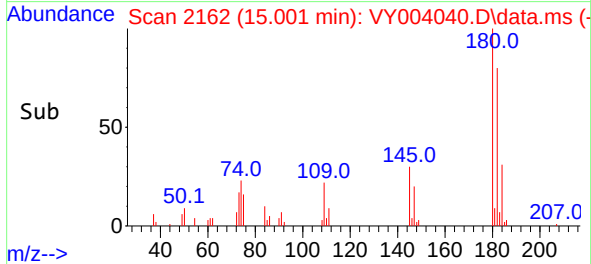




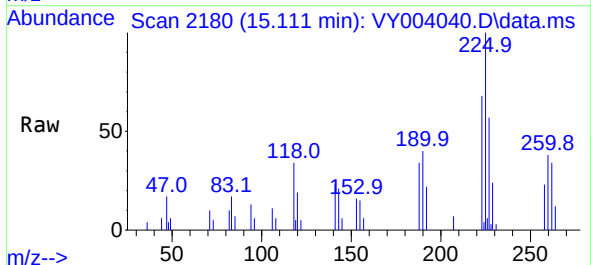
#93
1,2,4-Trichlorobenzene
Concen: 4.36 ug/l
RT: 15.001 min Scan# 2162
Delta R.T. -0.000 min
Lab File: VY004040.D
Acq: 22 Feb 2021 17:22



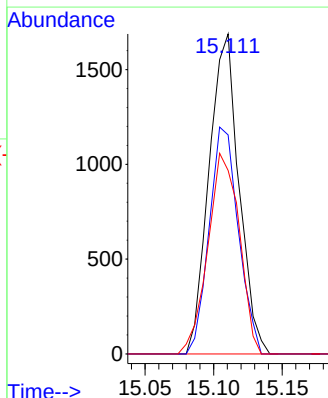
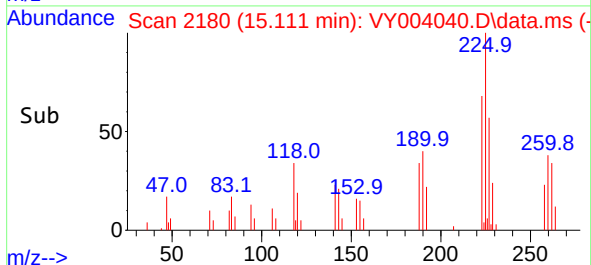
Tgt Ion:180 Resp: 4057
Ion Ratio Lower Upper
180 100
182 91.8 48.0 144.0
145 28.1 14.1 42.2



#94
Hexachlorobutadiene
Concen: 4.36 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. 0.006 min
Lab File: VY004040.D
Acq: 22 Feb 2021 17:22



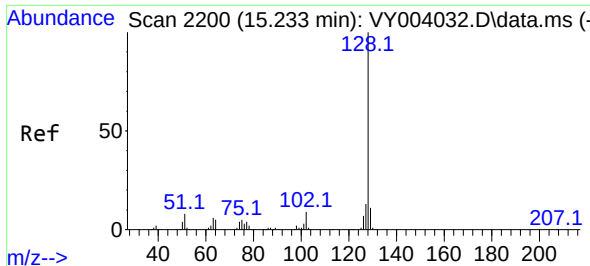
Tgt Ion:225 Resp: 2561
Ion Ratio Lower Upper
225 100
223 69.2 31.5 94.5
227 65.7 32.1 96.3



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

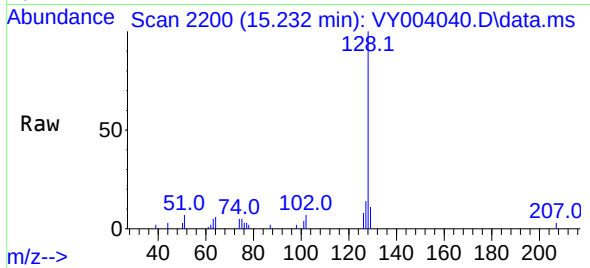
Manual Integrations
APPROVED

MMDadoda
2/23/2021 1:06:49 PM



#95
Naphthalene
Concen: 4.14 ug/l
RT: 15.232 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY004040.D
Acq: 22 Feb 2021 17:22

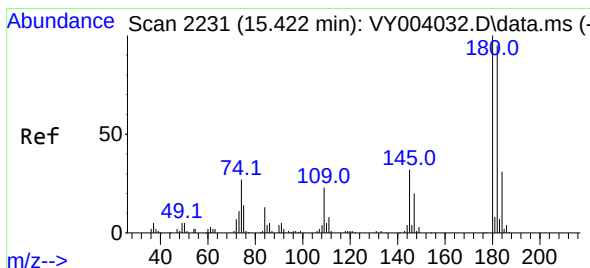
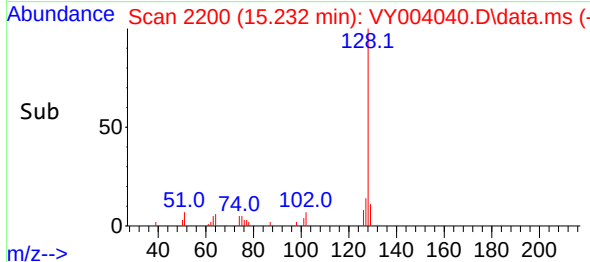
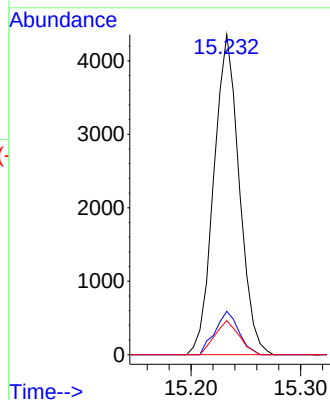
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



Tgt Ion:	128	Resp:	7023
Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.6	16.0
129	10.1	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
2/23/2021 1:06:49 PM



#96
1,2,3-Trichlorobenzene
Concen: 4.28 ug/l
RT: 15.421 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY004040.D
Acq: 22 Feb 2021 17:22

Tgt Ion:	180	Resp:	3399
Ion	Ratio	Lower	Upper
180	100		
182	98.6	47.6	142.8
145	29.7	15.3	45.9

