

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020821\
 Data File : VY003993.D
 Acq On : 08 Feb 2021 12:12
 Operator : SY/MD
 Sample : L5214-04
 Misc : 5.00g/10mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

MMDadoda
 2/9/2021 10:00:07 AM

Quant Time: Feb 09 02:56:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMYL012621SMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Feb 09 02:48:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.697	114	183051	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.496	117	173436	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.428	152	91480	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	80007	21.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.68%
7) Chloroethane-d5	2.765	69	65670	23.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.20%
11) 1,1-Dichloroethene-d2	3.863	63	102973	17.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	69.80%
21) 2-Butanone-d5	6.899	46	53389	45.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.62%
24) Chloroform-d	7.490	84	114886	21.23	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	84.92%
26) 1,2-Dichloroethane-d4	8.149	65	82991	25.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.36%
32) Benzene-d6	8.118	84	234564	22.33	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.32%
36) 1,2-Dichloropropane-d6	9.124	67	70719	21.78	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.12%
41) Toluene-d8	10.185	98	219671	21.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.76%
43) trans-1,3-Dichloroprop...	10.441	79	39837	23.78	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.12%
47) 2-Hexanone-d5	10.795	63	39331	45.74	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.48%
56) 1,1,2,2-Tetrachloroeth...	12.563	84	60542	20.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.56%
66) 1,2-Dichlorobenzene-d4	13.721	152	80470	22.83	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.32%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	3719	1.05	ug/L	98
3) Chloromethane	2.119	50	4430	1.10	ug/L	96
5) Vinyl chloride	2.260	62	4797	1.24	ug/L #	72
6) Bromomethane	2.662	94	2718	1.18	ug/L	89
8) Chloroethane	2.808	64	2650	1.09	ug/L	92
9) Trichlorofluoromethane	3.137	101	5190	1.10	ug/L	100
12) 1,1-Dichloroethene	3.887	96	3532	1.36	ug/L #	1
13) Acetone	3.960	43	2266	2.55	ug/L	61
14) Carbon disulfide	4.204	76	9954	1.12	ug/L	96
15) Methyl Acetate	4.497	43	2052	0.99	ug/L #	75
16) Methylene chloride	4.729	84	6181	1.92	ug/L	78
17) trans-1,2-Dichloroethene	5.241	96	3236	1.19	ug/L #	83
18) Methyl tert-butyl Ether	5.235	73	7702	1.00	ug/L #	66
19) 1,1-Dichloroethane	6.039	63	4958	0.98	ug/L	96
20) cis-1,2-Dichloroethene	6.996	96	3118	1.09	ug/L	95
22) 2-Butanone	6.996	43	3024	2.24	ug/L	77
23) Bromochloromethane	7.344	128	1494	1.09	ug/L #	89
25) Chloroform	7.521	83	8405	1.65	ug/L	99
27) 1,2-Dichloroethane	8.240	62	4776	1.25	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.789	56	4644	0.95	ug/L #	57
30) 1,1,1-Trichloroethane	7.710	97	5230	1.13	ug/L #	85
31) Carbon tetrachloride	7.911	117	4640	1.12	ug/L	98
33) Benzene	8.167	78	12080	1.09	ug/L	100
34) Trichloroethene	8.941	95	3159	1.07	ug/L	83
35) Methylcyclohexane	9.191	83	5010	1.02	ug/L #	88
37) 1,2-Dichloropropane	9.222	63	2706	0.91	ug/L	97
38) Bromodichloromethane	9.502	83	3962	1.01	ug/L	93
39) cis-1,3-Dichloropropene	9.935	75	4733	1.02	ug/L #	80
40) 4-Methyl-2-pentanone	10.075	43	5677	1.96	ug/L	94
42) Toluene	10.246	91	12692	1.05	ug/L	96
44) trans-1,3-Dichloropropene	10.471	75	5333	1.23	ug/L	87
45) 1,1,2-Trichloroethane	10.648	97	2284	1.01	ug/L	98
46) Tetrachloroethene	10.721	164	2569	1.05	ug/L	97
48) 2-Hexanone	10.837	43	3978	1.91	ug/L	95
49) Dibromochloromethane	10.990	129	2649	0.95	ug/L	96
50) 1,2-Dibromoethane	11.087	107	2229	1.01	ug/L #	92
51) Chlorobenzene	11.520	112	7720	1.01	ug/L	93
52) Ethylbenzene	11.593	91	13924	1.03	ug/L	91
53) m,p-Xylene	11.703	106	5287	1.04	ug/L	92
54) o-Xylene	12.032	106	5070	1.05	ug/L	89
55) Styrene	12.044	104	8311	0.99	ug/L #	64
57) 1,1,2,2-Tetrachloroethane	12.587	83	3078	1.06	ug/L	96
59) Bromoform	12.209	173	1945	1.02	ug/L	97
60) Isopropylbenzene	12.331	105	13476	1.03	ug/L	97
61) 1,2,3-Trichloropropane	12.636	75	2342	1.01	ug/L	96
62) 1,3,5-Trimethylbenzene	12.812	105	10856	0.98	ug/L	99
63) 1,2,4-Trimethylbenzene	13.123	105	10589	0.97	ug/L	99
64) 1,3-Dichlorobenzene	13.367	146	6311	1.04	ug/L	94
65) 1,4-Dichlorobenzene	13.447	146	6364	1.05	ug/L	91
67) 1,2-Dichlorobenzene	13.739	146	6312	1.12	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.361	75	754m	1.34	ug/L	
69) 1,3,5-Trichlorobenzene	14.501	180	5147	1.17	ug/L	96
70) 1,2,4-trichlorobenzene	15.007	180	4161	1.14	ug/L	96
71) Naphthalene	15.233	128	8772	1.15	ug/L	98
72) 1,2,3-Trichlorobenzene	15.422	180	4064	1.28	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

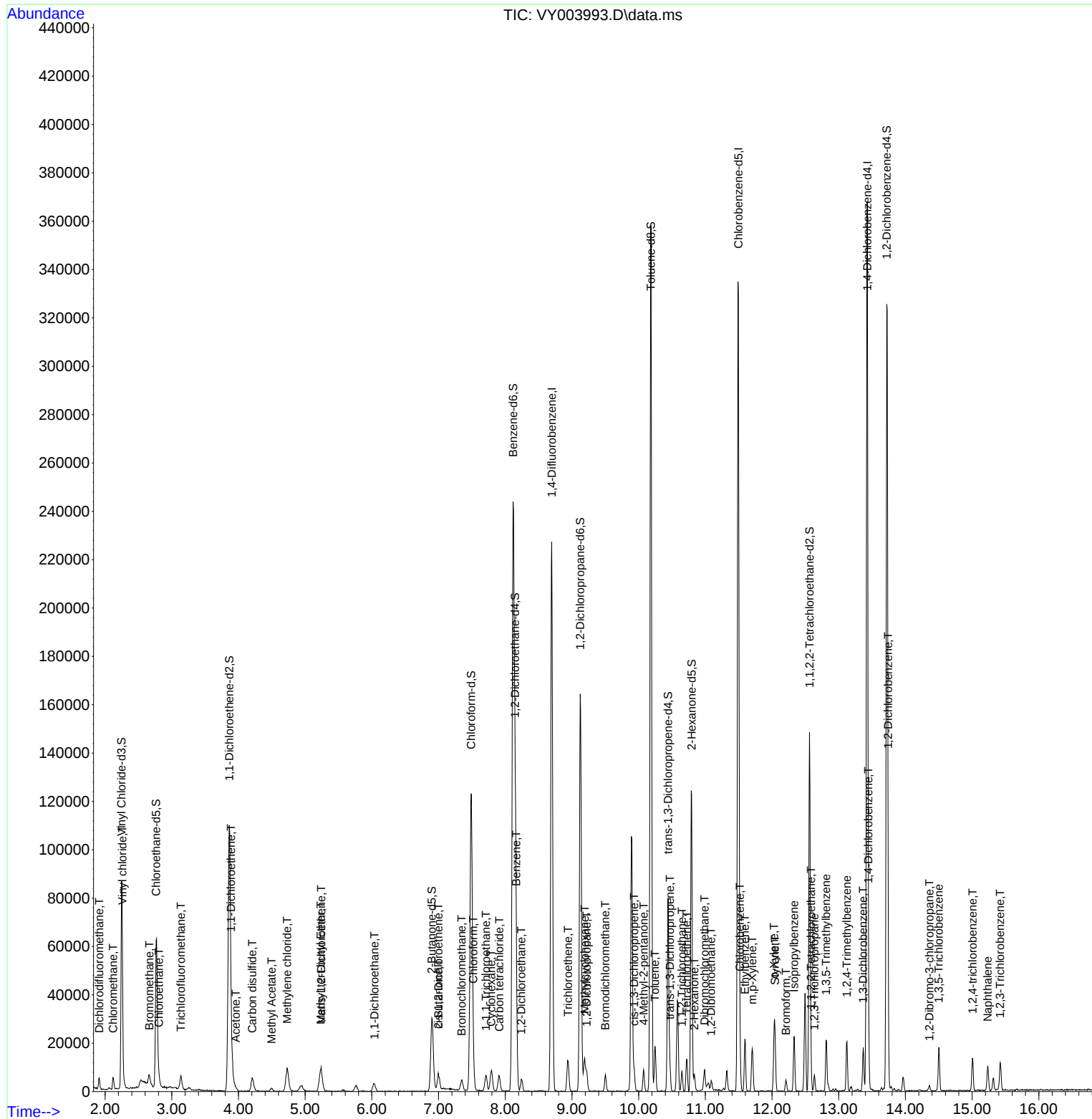
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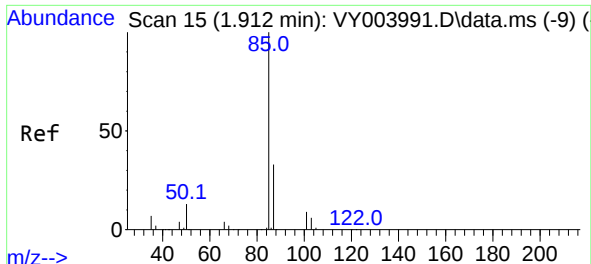
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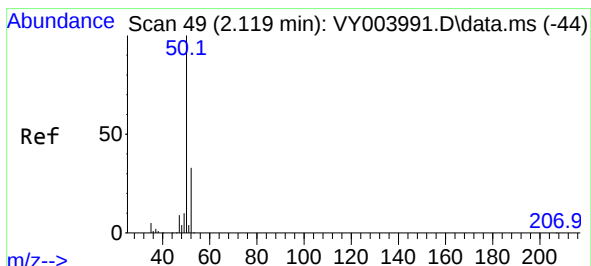
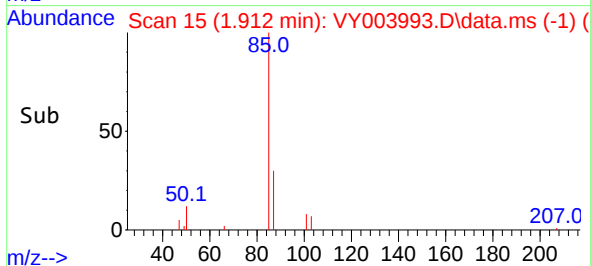
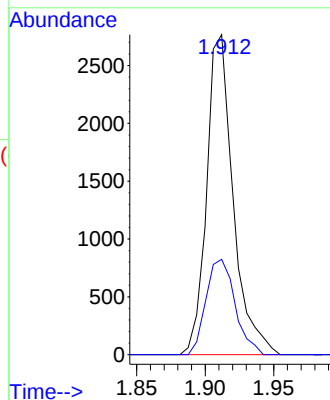
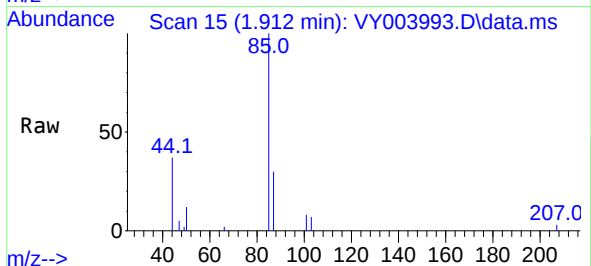
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Dichlorodifluoromethane
Concen: 1.05 ug/L
RT: 1.912 min Scan# 15
Delta R.T. -0.000 min
Lab File: VY003993.D
Acq: 08 Feb 2021 12:12

Tgt Ion: 85 Resp: 3719
Ion Ratio Lower Upper
85 100
87 32.7 25.4 38.2

Instrument :
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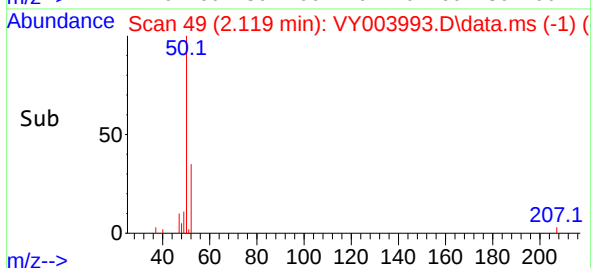
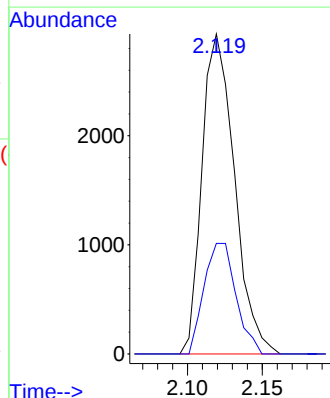
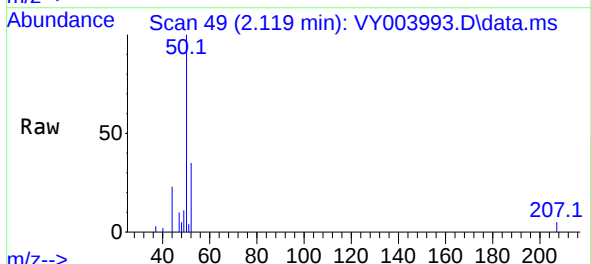
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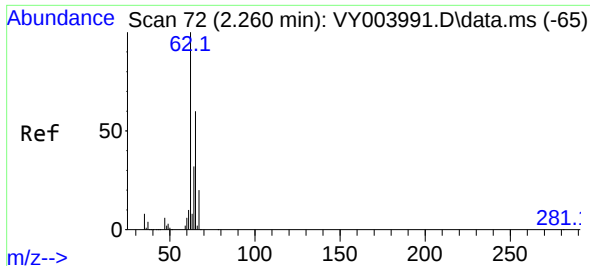
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#3
Chloromethane
Concen: 1.10 ug/L
RT: 2.119 min Scan# 49
Delta R.T. -0.000 min
Lab File: VY003993.D
Acq: 08 Feb 2021 12:12

Tgt Ion: 50 Resp: 4430
Ion Ratio Lower Upper
50 100
52 34.6 22.7 42.3





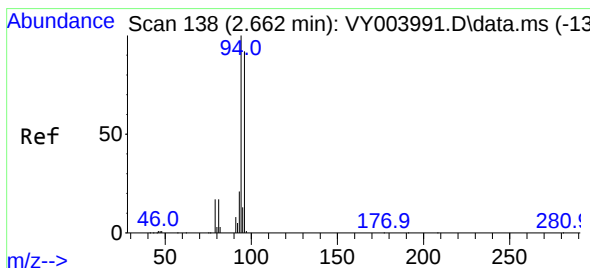
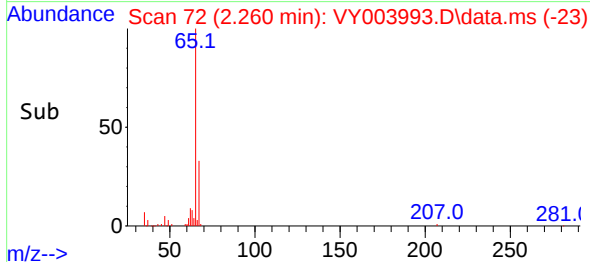
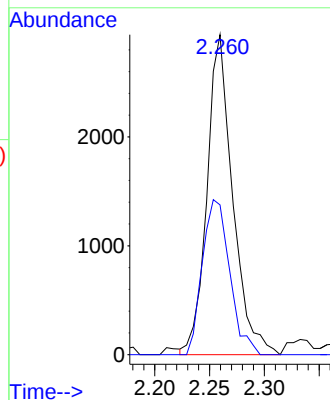
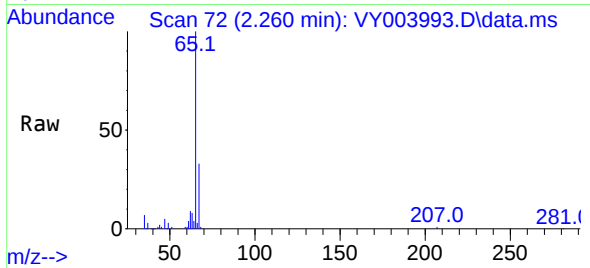
#5
 Vinyl chloride
 Concen: 1.24 ug/L
 RT: 2.260 min Scan# 72
 Delta R.T. -0.000 min
 Lab File: VY003993.D
 Acq: 08 Feb 2021 12:12

Tgt Ion: 62 Resp: 4797
 Ion Ratio Lower Upper
 62 100
 64 46.8 21.9 40.7#

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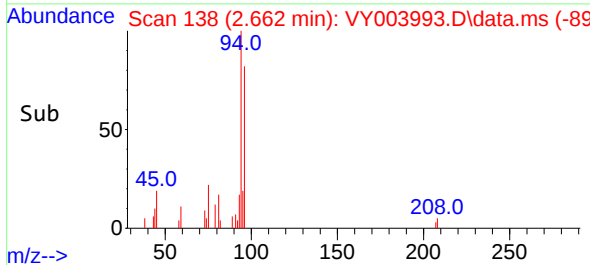
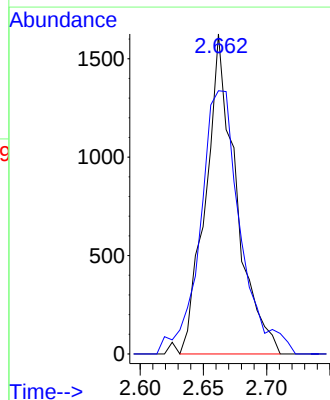
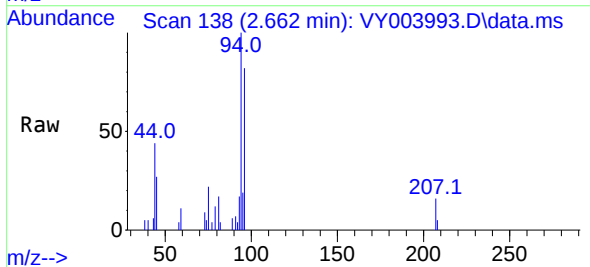
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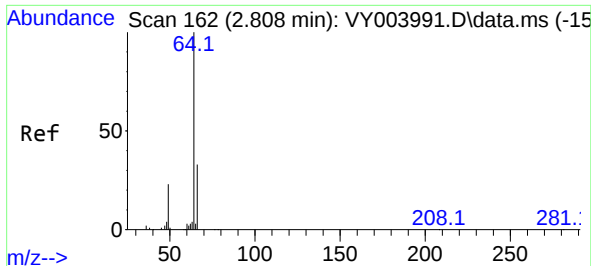
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#6
 Bromomethane
 Concen: 1.18 ug/L
 RT: 2.662 min Scan# 138
 Delta R.T. -0.000 min
 Lab File: VY003993.D
 Acq: 08 Feb 2021 12:12

Tgt Ion: 94 Resp: 2718
 Ion Ratio Lower Upper
 94 100
 96 82.2 65.2 121.0





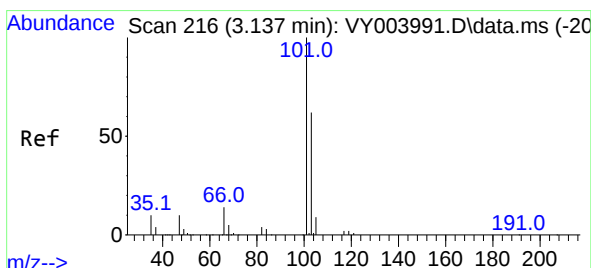
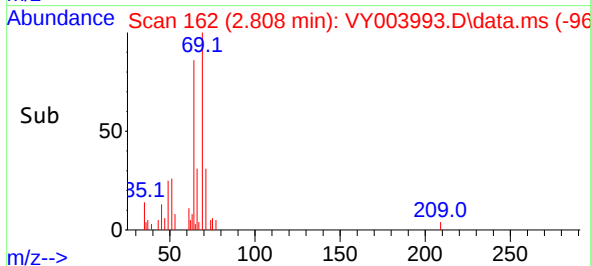
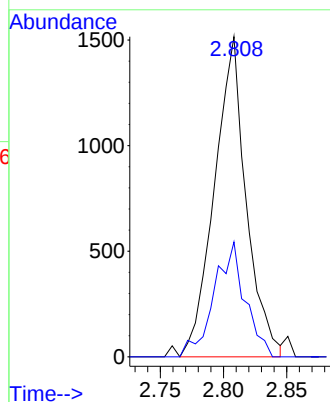
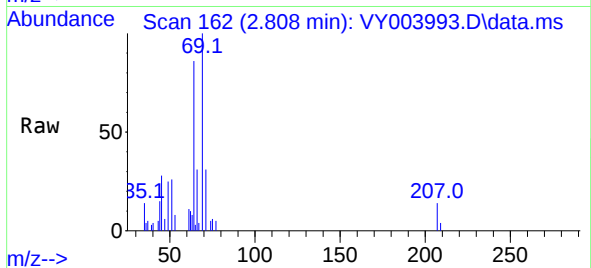
#8
Chloroethane
Concen: 1.09 ug/L
RT: 2.808 min Scan# 162
Delta R.T. -0.000 min
Lab File: VY003993.D
Acq: 08 Feb 2021 12:12

Tgt Ion: 64 Resp: 2650
Ion Ratio Lower Upper
64 100
66 35.9 22.2 41.2

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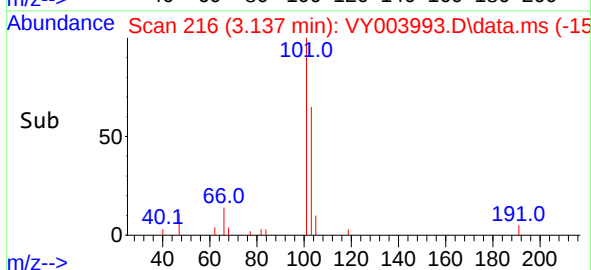
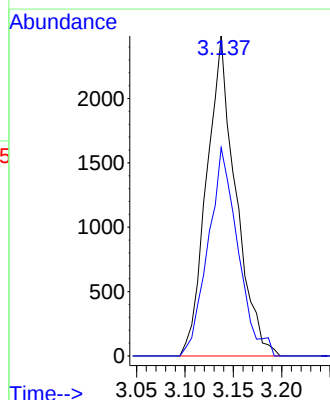
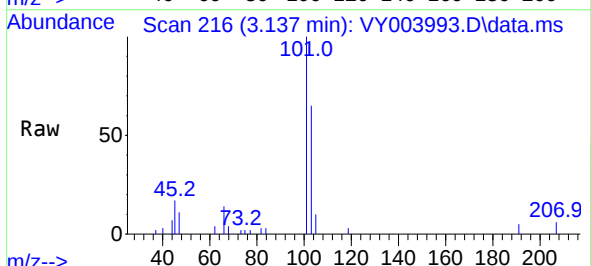
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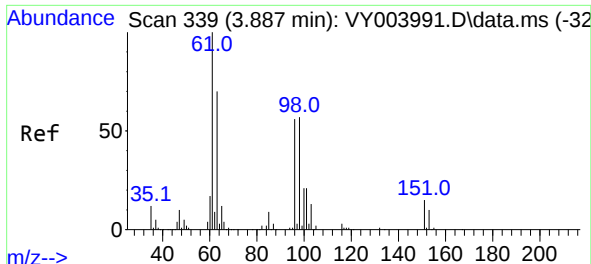
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#9
Trichlorofluoromethane
Concen: 1.10 ug/L
RT: 3.137 min Scan# 216
Delta R.T. -0.000 min
Lab File: VY003993.D
Acq: 08 Feb 2021 12:12

Tgt Ion: 101 Resp: 5190
Ion Ratio Lower Upper
101 100
103 64.8 51.9 77.9





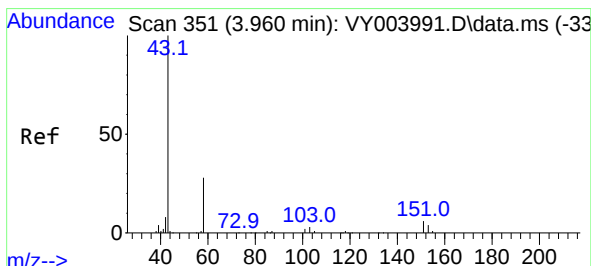
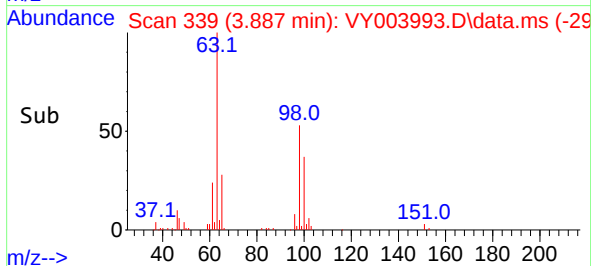
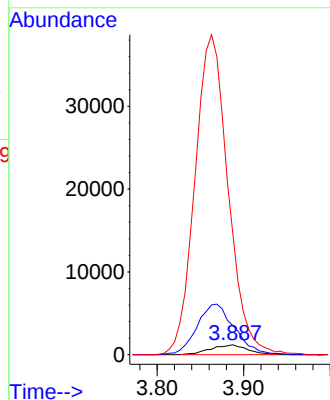
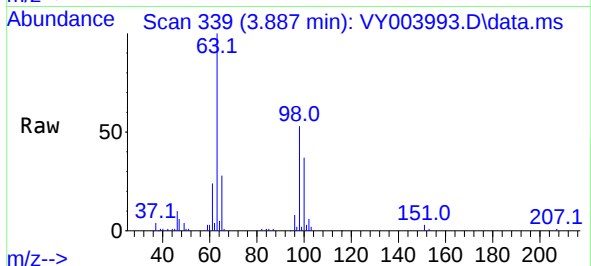
#12
1,1-Dichloroethene
Concen: 1.36 ug/L
RT: 3.887 min Scan# 339
Delta R.T. -0.000 min
Lab File: VY003993.D
Acq: 08 Feb 2021 12:12

Tgt Ion: 96 Resp: 3532
Ion Ratio Lower Upper
96 100
61 293.5 106.1 197.1#
63 1230.4 62.9 116.9#

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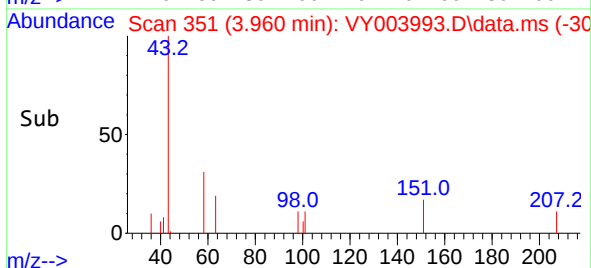
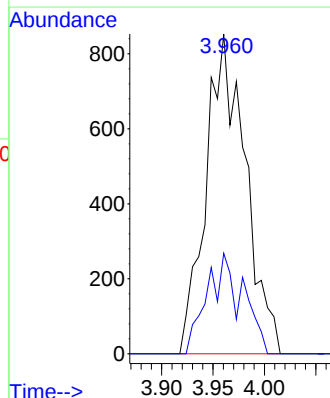
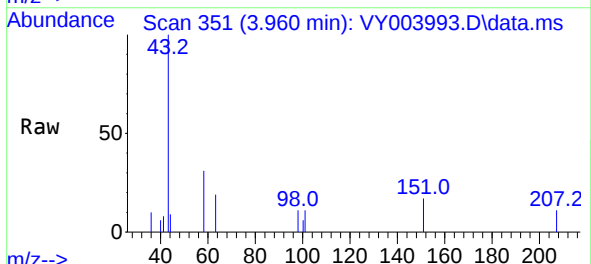
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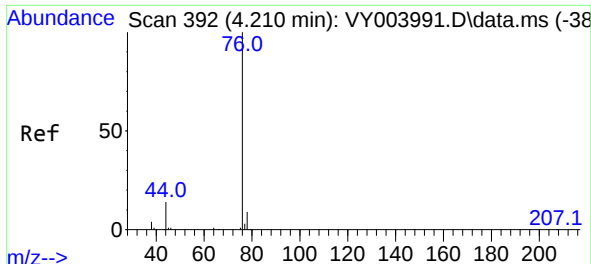
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#13
Acetone
Concen: 2.55 ug/L
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY003993.D
Acq: 08 Feb 2021 12:12

Tgt Ion: 43 Resp: 2266
Ion Ratio Lower Upper
43 100
58 9.3 0.0 61.6





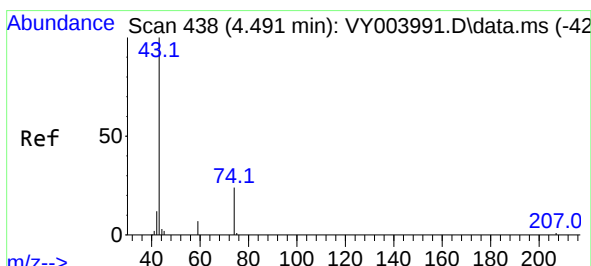
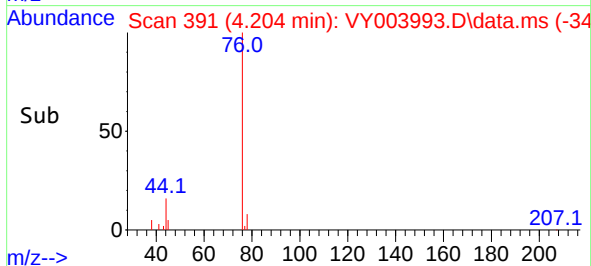
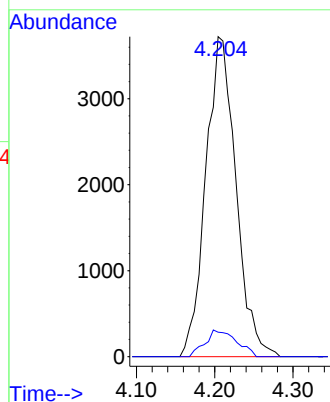
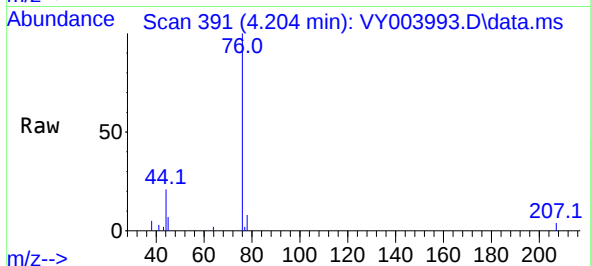
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Carbon disulfide
Concen: 1.12 ug/L
RT: 4.204 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY003993.D
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Tgt Ion: 76 Resp: 9954
Ion Ratio Lower Upper
76 100
78 7.7 7.3 10.9

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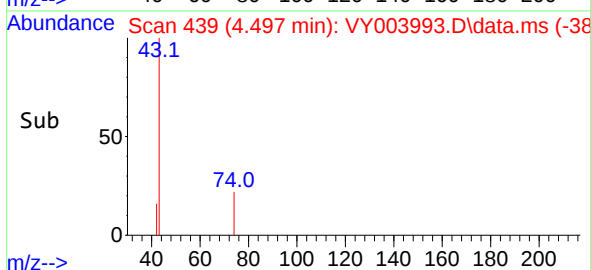
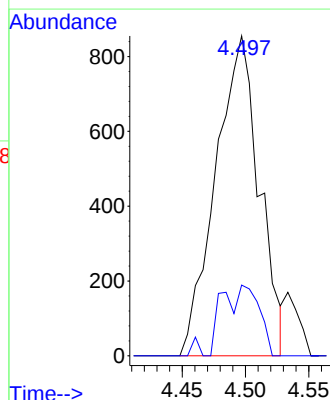
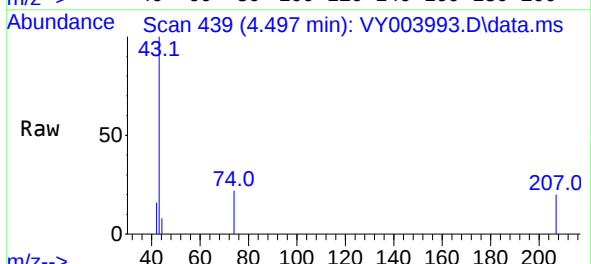
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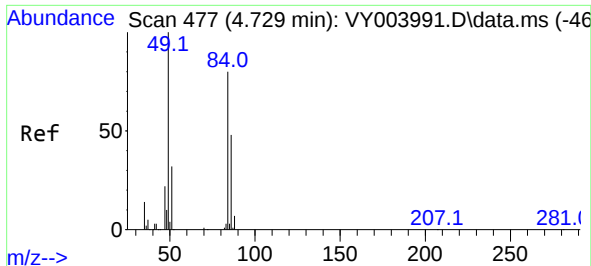
MMDadoda
2/9/2021 10:00:07 AM



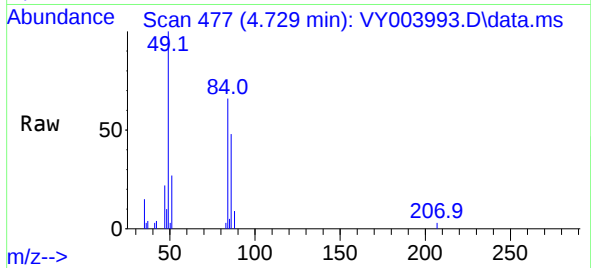
#15
Methyl Acetate
Concen: 0.99 ug/L
RT: 4.497 min Scan# 439
Delta R.T. 0.006 min
Lab File: VY003993.D
Acq: 08 Feb 2021 12:12

Tgt Ion: 43 Resp: 2052
Ion Ratio Lower Upper
43 100
74 10.8 18.2 27.2#



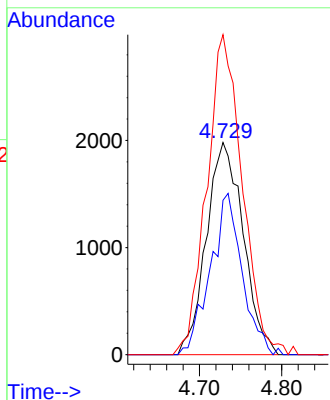


#16
Methylene chloride
Concen: 1.92 ug/L
RT: 4.729 min Scan# 477
Delta R.T. -0.000 min
Lab File: VY003993.D
Acq: 08 Feb 2021 12:12



Tgt Ion: 84 Resp: 6181

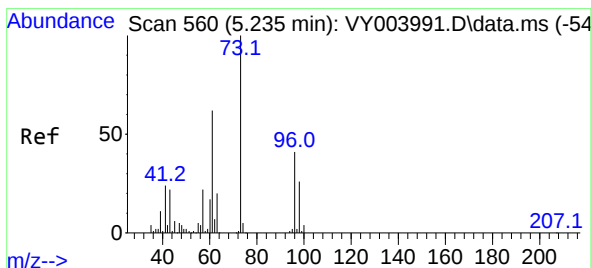
Ion	Ratio	Lower	Upper
84	100		
86	72.7	43.3	80.3
49	150.8	85.3	158.5



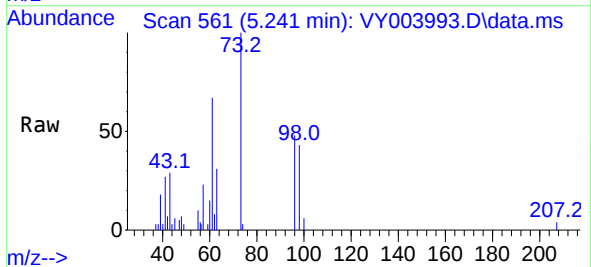
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-QT1-2021-02

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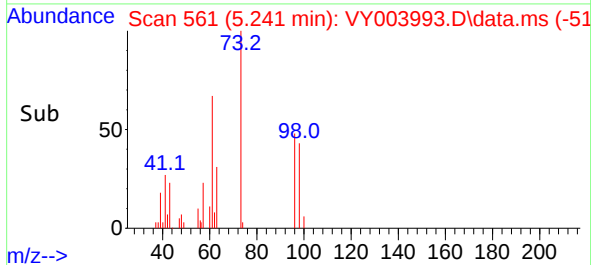
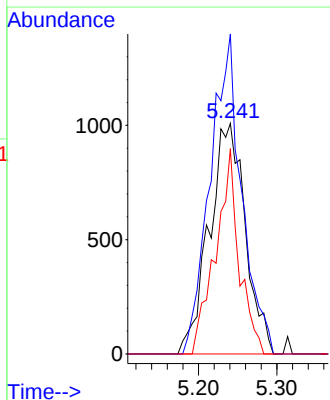


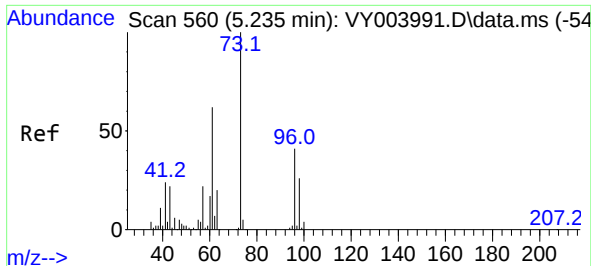
#17
trans-1,2-Dichloroethene
Concen: 1.19 ug/L
RT: 5.241 min Scan# 561
Delta R.T. 0.006 min
Lab File: VY003993.D
Acq: 08 Feb 2021 12:12



Tgt Ion: 96 Resp: 3236

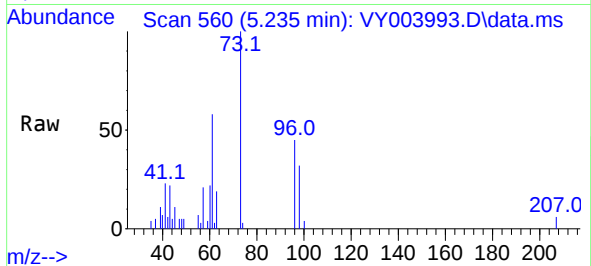
Ion	Ratio	Lower	Upper
96	100		
61	138.8	89.5	166.1
98	89.0	45.5	84.5





#18
Methyl tert-butyl Ether
Concen: 1.00 ug/L
RT: 5.235 min Scan# 560
Delta R.T. -0.000 min
Lab File: VY003993.D
Acq: 08 Feb 2021 12:12

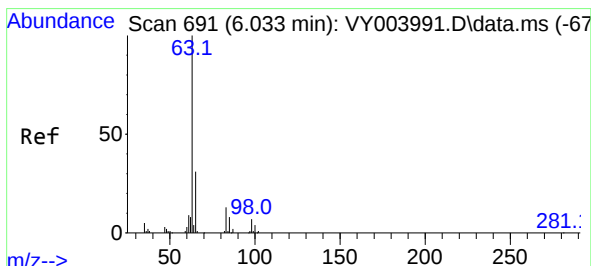
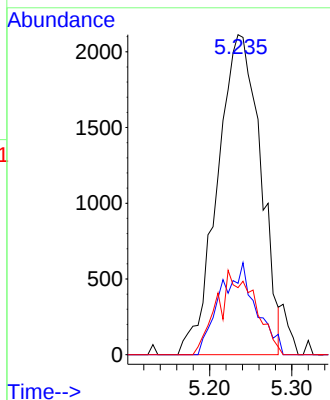
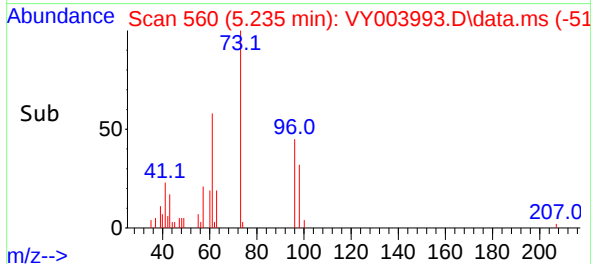
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-QT1-2021-02



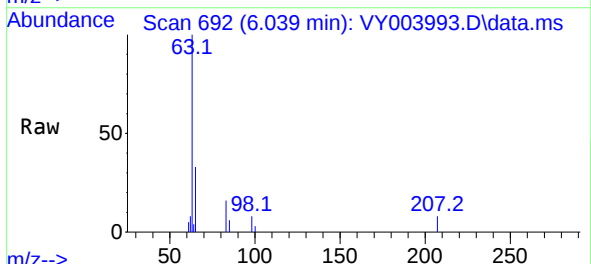
Tgt Ion: 73 Resp: 7702
Ion Ratio Lower Upper
73 100
43 10.9 15.2 22.8#
57 0.0 18.1 27.1#

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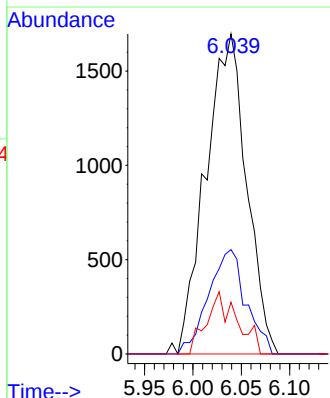
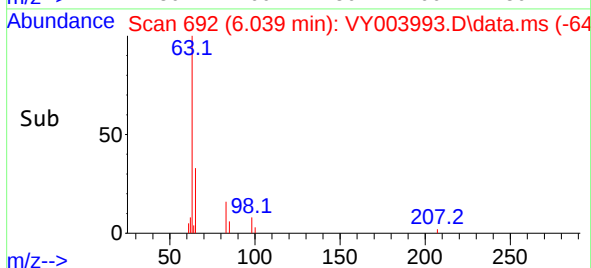
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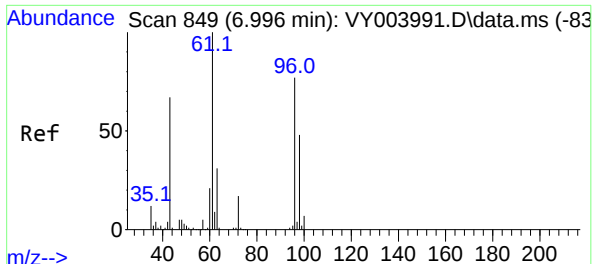


#19
1,1-Dichloroethane
Concen: 0.98 ug/L
RT: 6.039 min Scan# 692
Delta R.T. 0.006 min
Lab File: VY003993.D
Acq: 08 Feb 2021 12:12

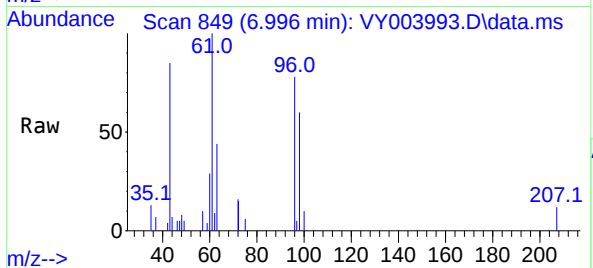


Tgt Ion: 63 Resp: 4958
Ion Ratio Lower Upper
63 100
65 32.6 21.9 40.7
83 16.1 9.5 17.7



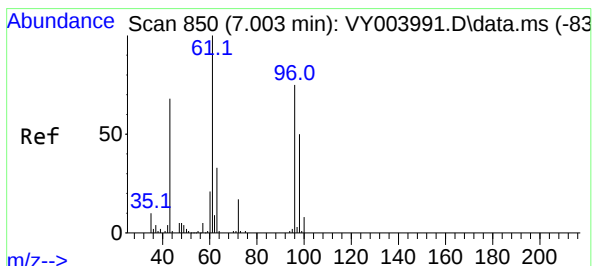
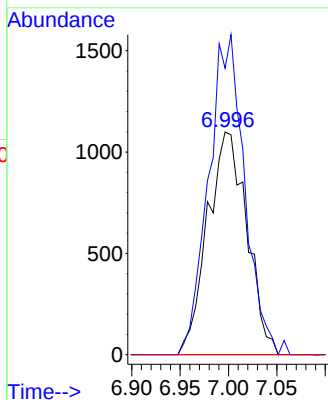
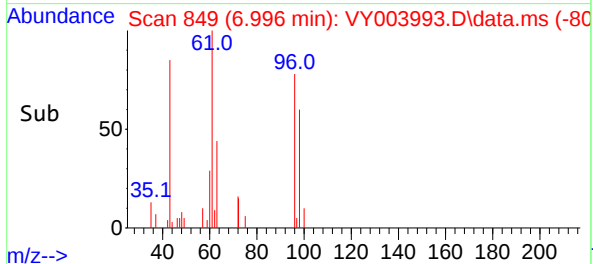


#20
cis-1,2-Dichloroethene
Concen: 1.09 ug/L
RT: 6.996 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY003993.D
Acq: 08 Feb 2021 12:12

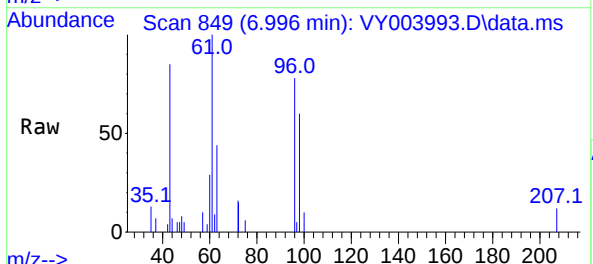


Tgt Ion: 96 Resp: 3118

Ion	Ratio	Lower	Upper
96	100		
61	128.6	85.8	159.4
68	0.0	0.0	0.0

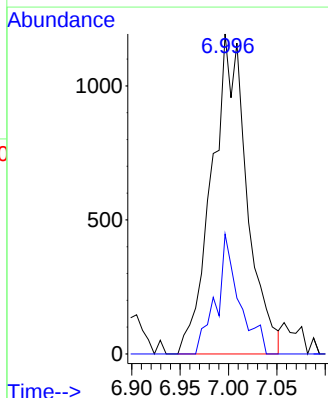
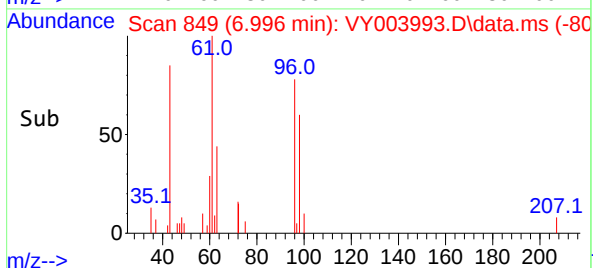


#22
2-Butanone
Concen: 2.24 ug/L
RT: 6.996 min Scan# 849
Delta R.T. -0.007 min
Lab File: VY003993.D
Acq: 08 Feb 2021 12:12



Tgt Ion: 43 Resp: 3024

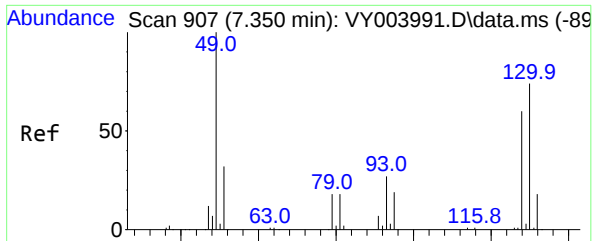
Ion	Ratio	Lower	Upper
43	100		
72	15.0	13.5	40.5



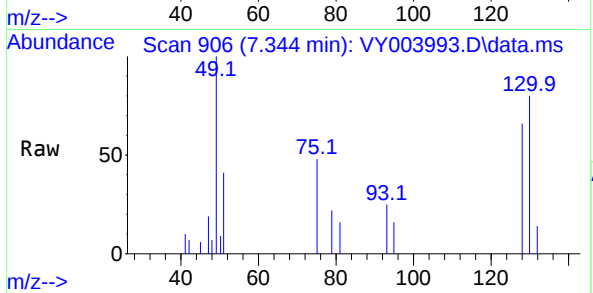
Instrument :
MSVOA_Y
ClientSampleId :
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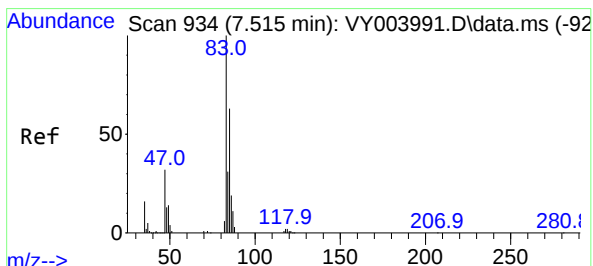
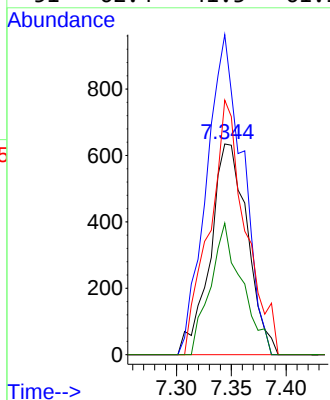
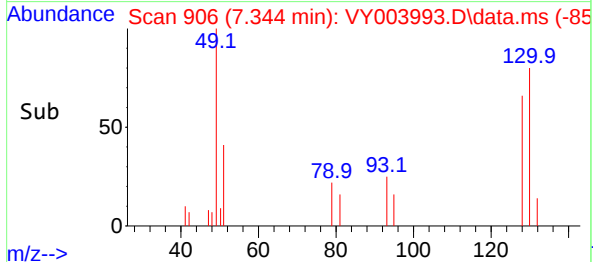
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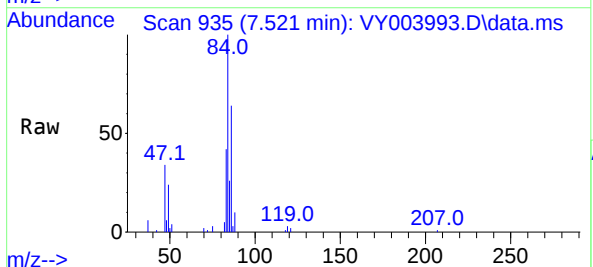
#23
Bromochloromethane
Concen: 1.09 ug/L
RT: 7.344 min Scan# 906
Delta R.T. -0.006 min
Lab File: VY003993.D
Acq: 08 Feb 2021 12:12



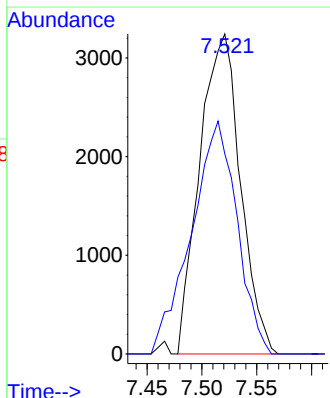
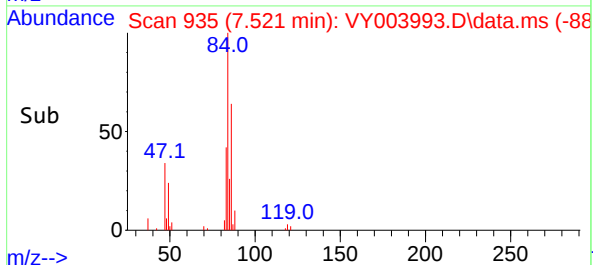
Tgt Ion:128 Resp: 1494
Ion Ratio Lower Upper
128 100
49 151.8 118.1 219.3
130 120.8 90.5 168.1
51 62.4 41.3 61.9#



#25
Chloroform
Concen: 1.65 ug/L
RT: 7.521 min Scan# 935
Delta R.T. 0.006 min
Lab File: VY003993.D
Acq: 08 Feb 2021 12:12



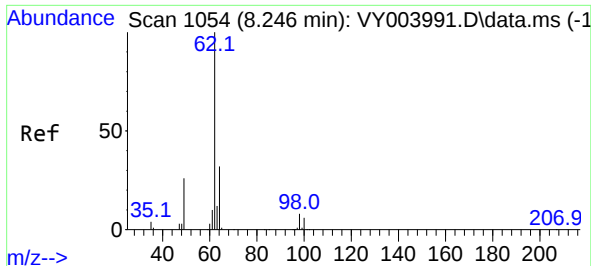
Tgt Ion: 83 Resp: 8405
Ion Ratio Lower Upper
83 100
85 62.6 44.4 82.4



Instrument :
MSVOA_Y
ClientSampleId :
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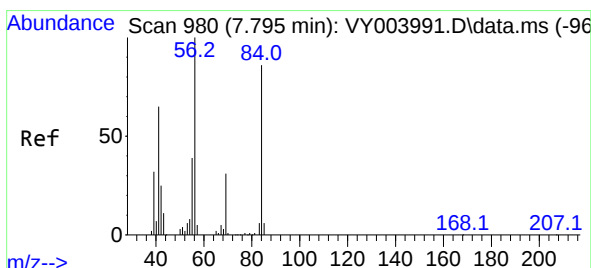
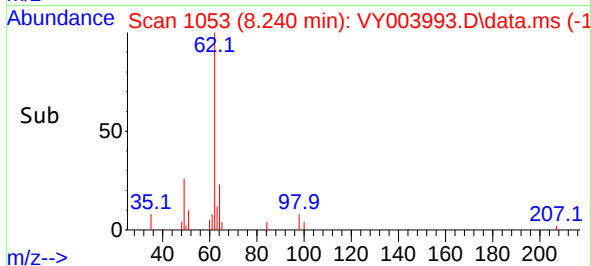
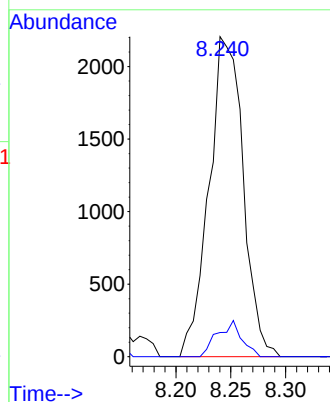
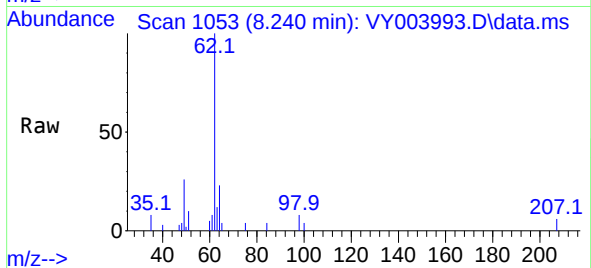
#27
1,2-Dichloroethane
Concen: 1.25 ug/L
RT: 8.240 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VY003993.D
Acq: 08 Feb 2021 12:12

Tgt Ion: 62 Resp: 4776
Ion Ratio Lower Upper
62 100
98 7.6 7.5 11.3

Instrument :
MSVOA_Y
ClientSampleId :
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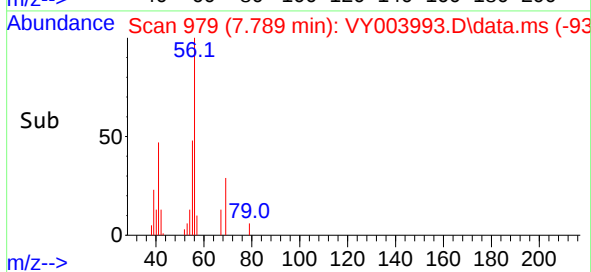
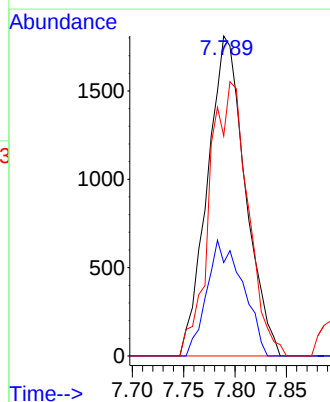
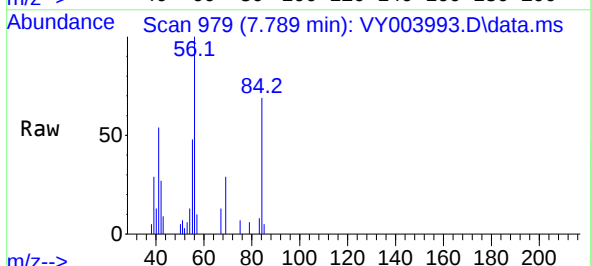
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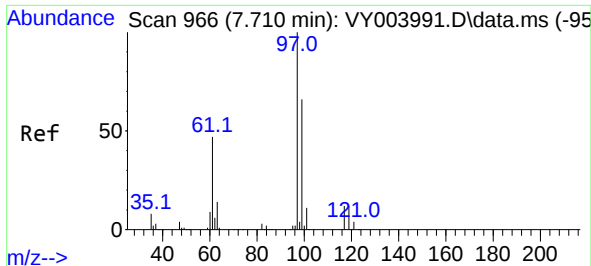
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#29
Cyclohexane
Concen: 0.95 ug/L
RT: 7.789 min Scan# 979
Delta R.T. -0.006 min
Lab File: VY003993.D
Acq: 08 Feb 2021 12:12

Tgt Ion: 56 Resp: 4644
Ion Ratio Lower Upper
56 100
69 34.2 23.9 35.9
84 38.7 71.9 107.9#





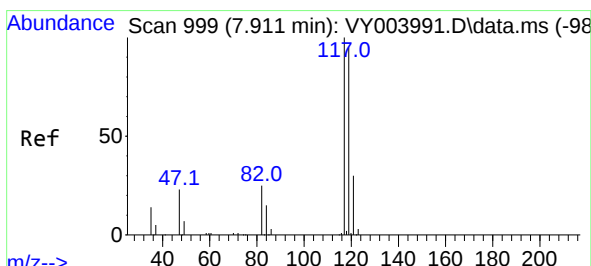
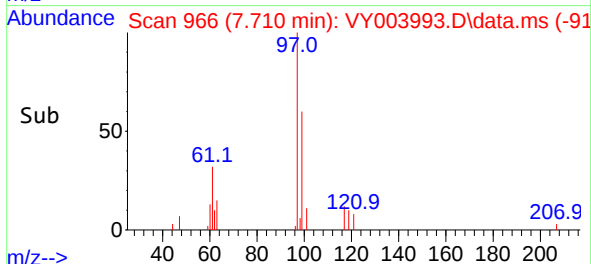
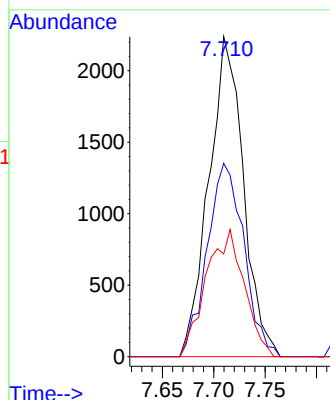
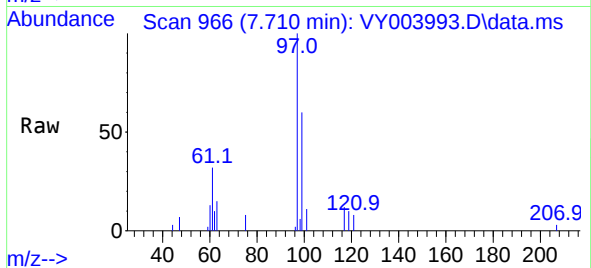
#30
1,1,1-Trichloroethane
Concen: 1.13 ug/L
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY003993.D
Acq: 08 Feb 2021 12:12

Tgt Ion: 97 Resp: 5230
Ion Ratio Lower Upper
97 100
99 64.2 50.6 76.0
61 20.4 34.3 51.5#

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

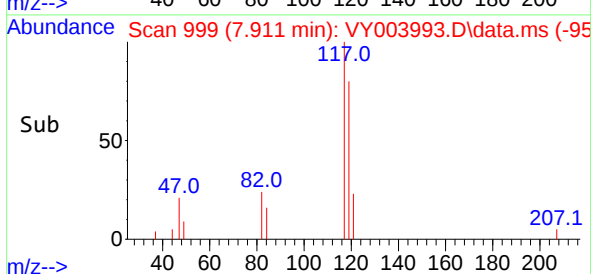
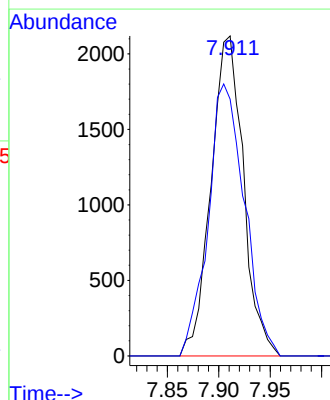
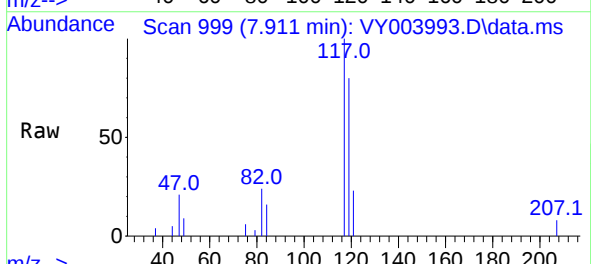
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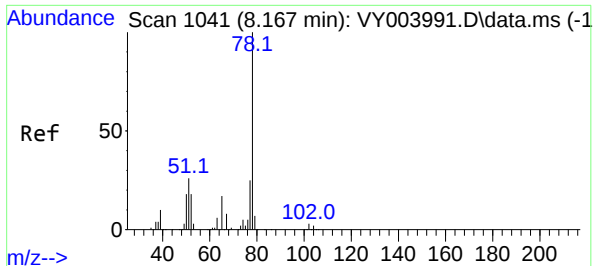
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#31
Carbon tetrachloride
Concen: 1.12 ug/L
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY003993.D
Acq: 08 Feb 2021 12:12

Tgt Ion: 117 Resp: 4640
Ion Ratio Lower Upper
117 100
119 95.2 77.7 116.5





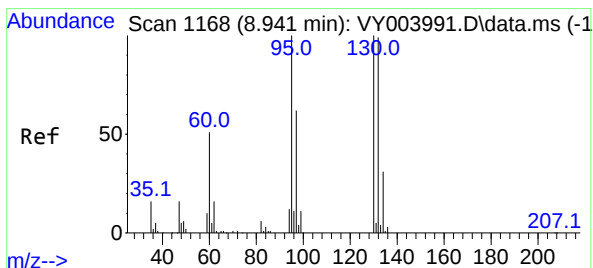
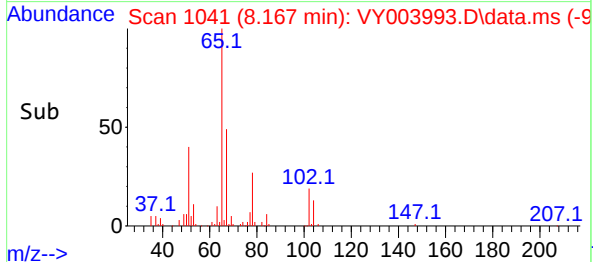
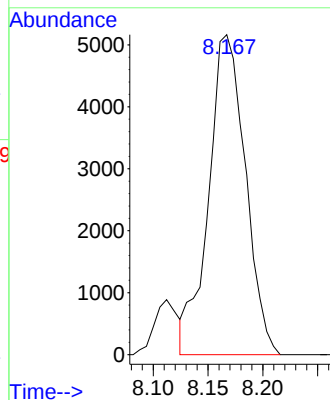
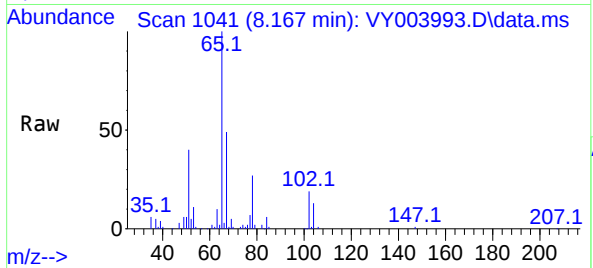
#33
Benzene
Concen: 1.09 ug/L
RT: 8.167 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY003993.D
Acq: 08 Feb 2021 12:12

Tgt Ion: 78 Resp: 12080

Instrument :
MSVOA_Y
ClientSampleId :
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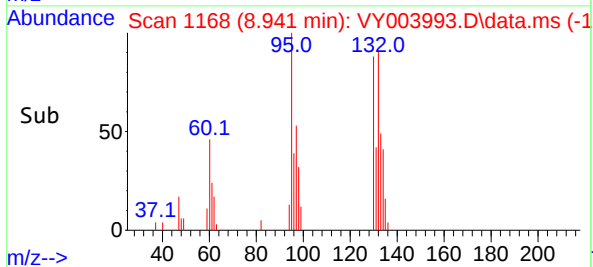
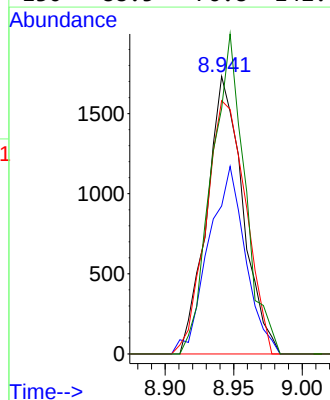
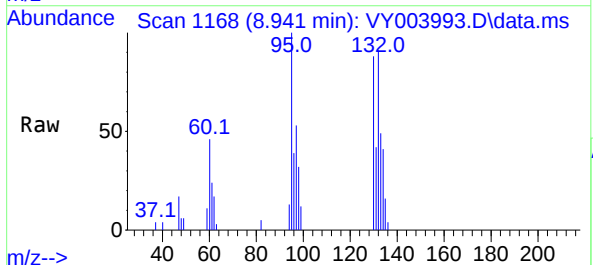
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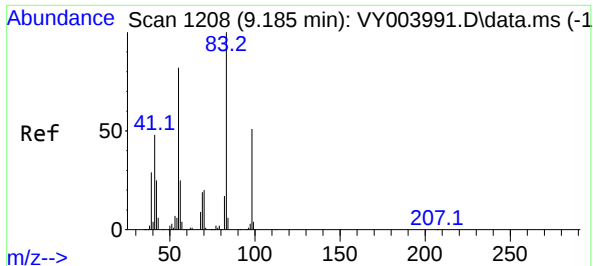
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#34
Trichloroethene
Concen: 1.07 ug/L
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY003993.D
Acq: 08 Feb 2021 12:12

Tgt Ion: 95 Resp: 3159
Ion Ratio Lower Upper
95 100
97 53.3 44.7 83.1
132 91.3 74.7 138.7
130 88.5 76.8 142.6





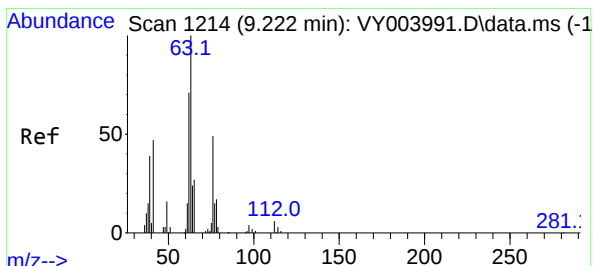
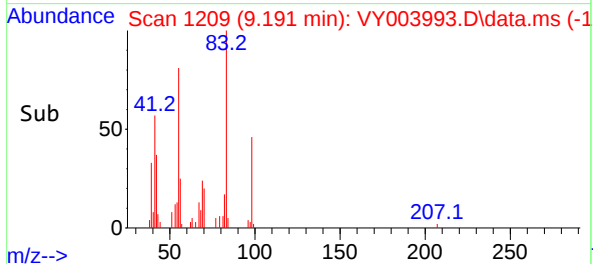
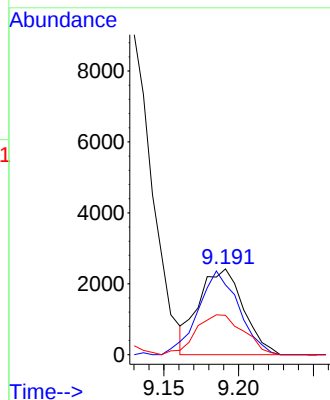
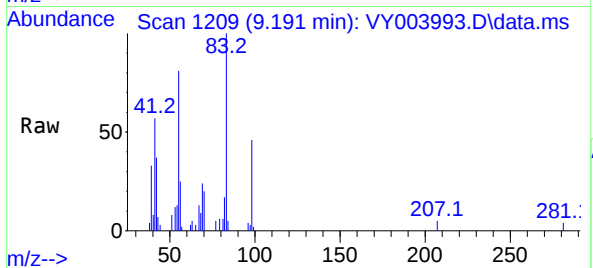
#35
Methylcyclohexane
Concen: 1.02 ug/L
RT: 9.191 min Scan# 1209
Delta R.T. 0.006 min
Lab File: VY003993.D
Acq: 08 Feb 2021 12:12

Tgt Ion: 83 Resp: 5010
Ion Ratio Lower Upper
83 100
55 88.8 58.3 87.5#
98 49.5 39.0 58.6

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

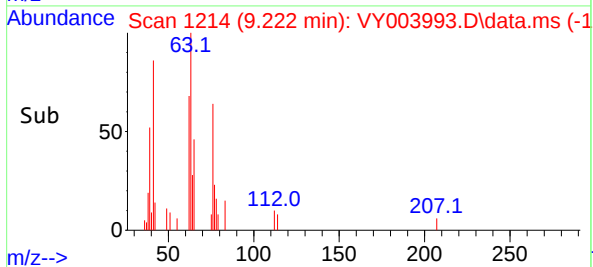
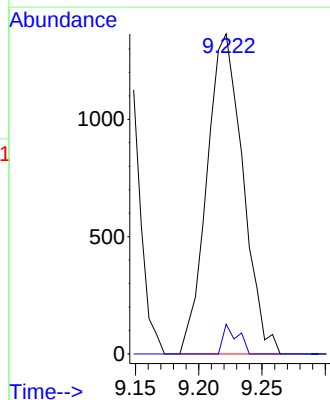
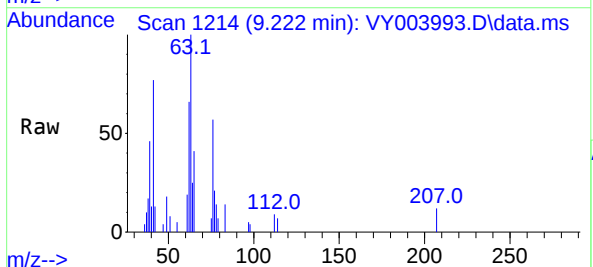
Manual Integrations
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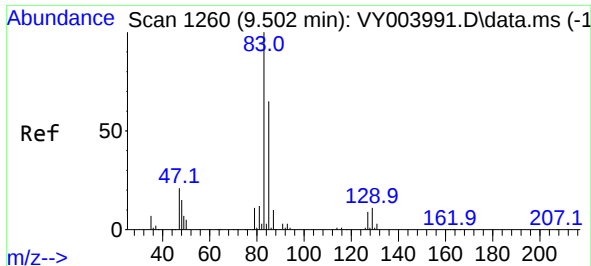
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2/9/2021 10:00:07 AM



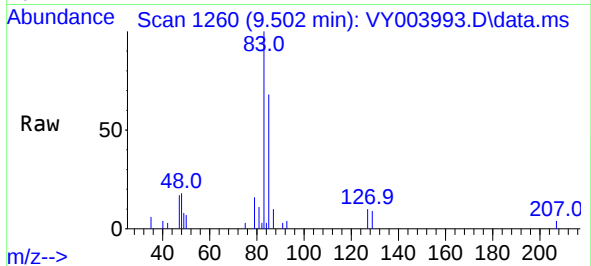
#37
1,2-Dichloropropane
Concen: 0.91 ug/L
RT: 9.222 min Scan# 1214
Delta R.T. -0.000 min
Lab File: VY003993.D
Acq: 08 Feb 2021 12:12

Tgt Ion: 63 Resp: 2706
Ion Ratio Lower Upper
63 100
112 3.8 3.7 5.5

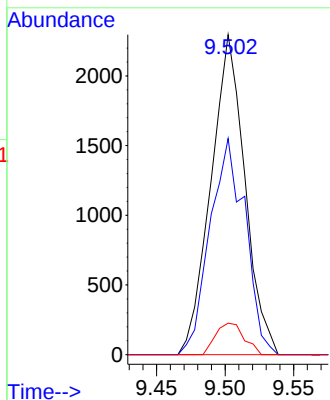
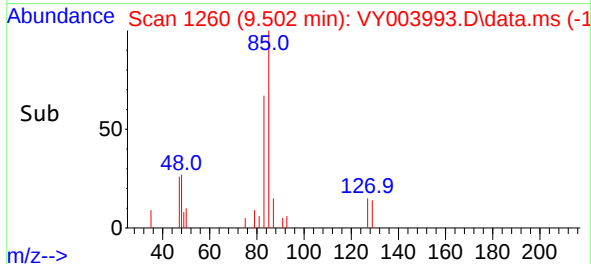




#38
Bromodichloromethane
Concen: 1.01 ug/L
RT: 9.502 min Scan# 1260
Delta R.T. -0.000 min
Lab File: VY003993.D
Acq: 08 Feb 2021 12:12



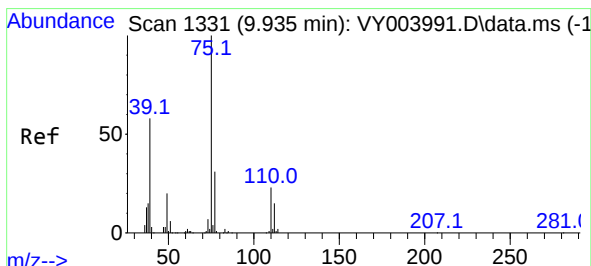
Tgt Ion: 83 Resp: 3962
Ion Ratio Lower Upper
83 100
85 67.6 43.1 80.1
127 9.8 7.1 10.7



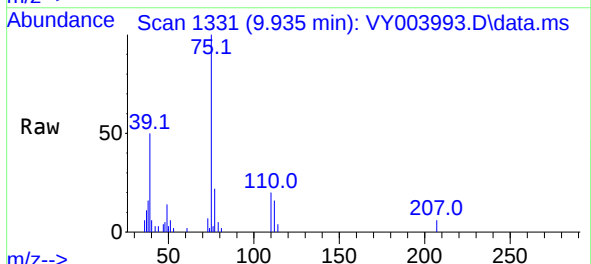
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-QT1-2021-02

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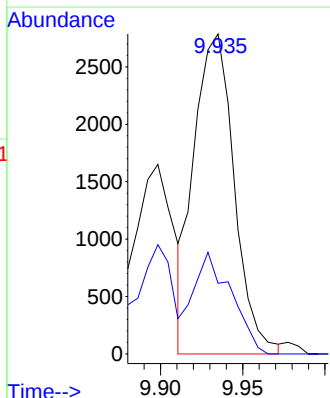
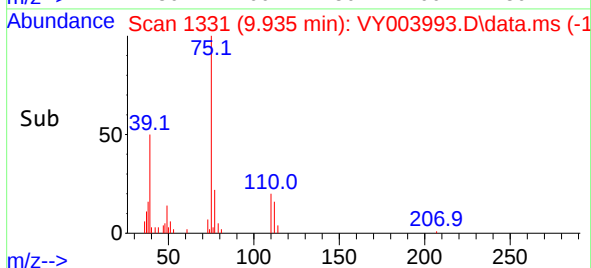
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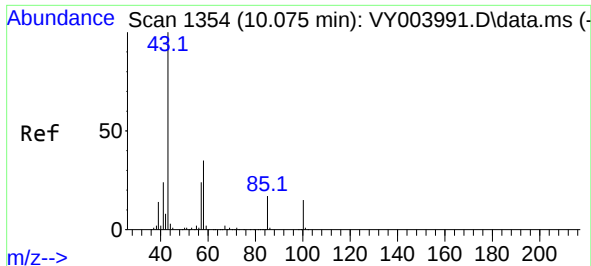


#39
cis-1,3-Dichloropropene
Concen: 1.02 ug/L
RT: 9.935 min Scan# 1331
Delta R.T. -0.000 min
Lab File: VY003993.D
Acq: 08 Feb 2021 12:12



Tgt Ion: 75 Resp: 4733
Ion Ratio Lower Upper
75 100
77 22.1 23.5 43.7#





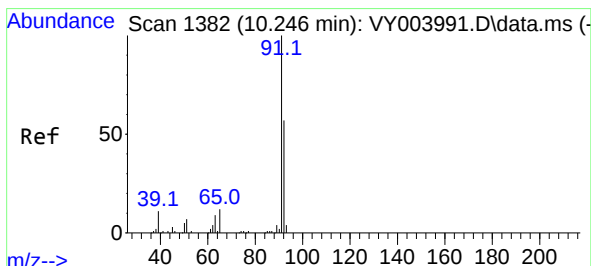
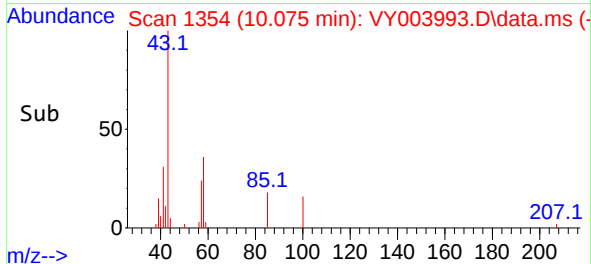
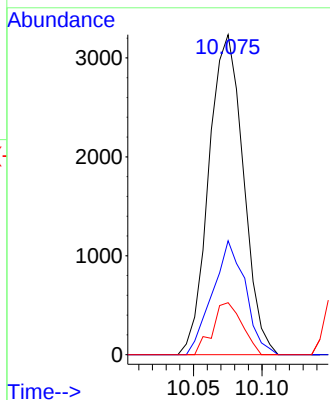
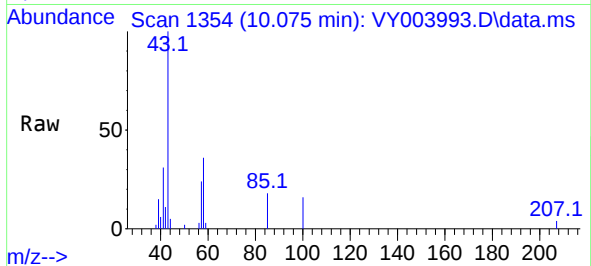
#40
4-Methyl-2-pentanone
Concen: 1.96 ug/L
RT: 10.075 min Scan# 1354
Delta R.T. -0.000 min
Lab File: VY003993.D
Acq: 08 Feb 2021 12:12

Tgt Ion:	43	Resp:	5677
Ion	Ratio	Lower	Upper
43	100		
58	33.9	30.7	46.1
100	13.9	12.1	18.1

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

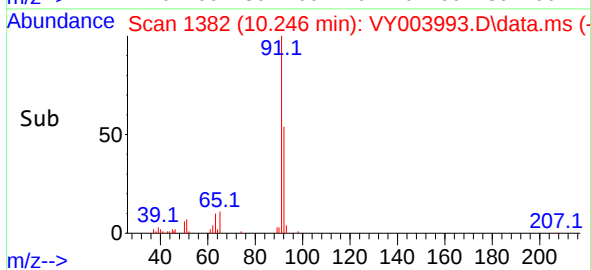
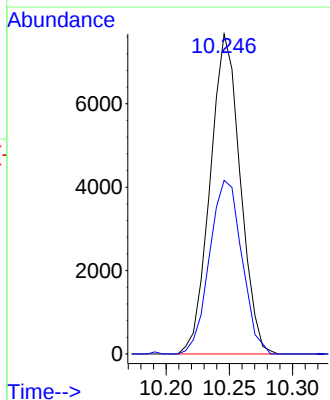
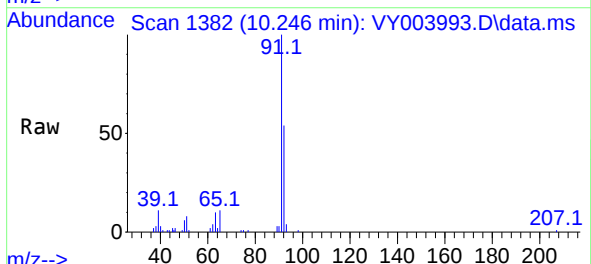
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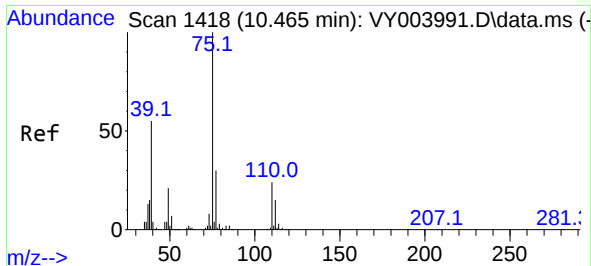
MMDadoda
2/9/2021 10:00:07 AM



#42
Toluene
Concen: 1.05 ug/L
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY003993.D
Acq: 08 Feb 2021 12:12

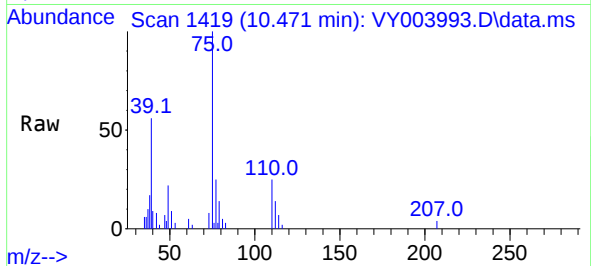
Tgt Ion:	91	Resp:	12692
Ion	Ratio	Lower	Upper
91	100		
92	54.2	40.1	74.5





#44
trans-1,3-Dichloropropene
Concen: 1.23 ug/L
RT: 10.471 min Scan# 1419
Delta R.T. 0.006 min
Lab File: VY003993.D
Acq: 08 Feb 2021 12:12

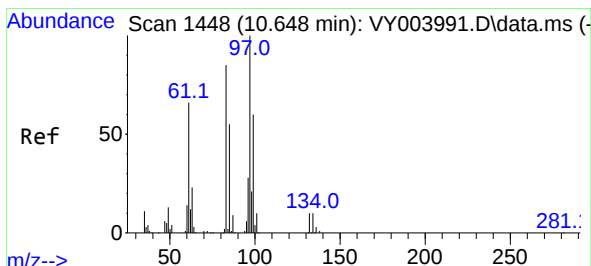
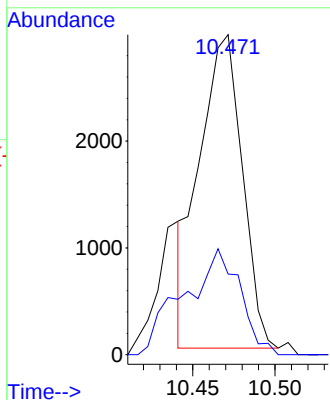
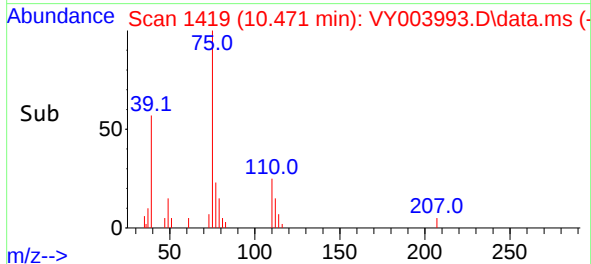
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-QT1-2021-02



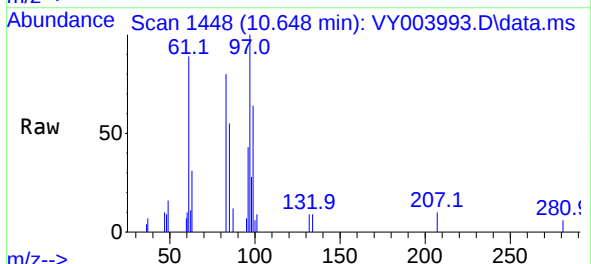
Tgt Ion: 75 Resp: 5333
Ion Ratio Lower Upper
75 100
77 25.2 22.9 42.5

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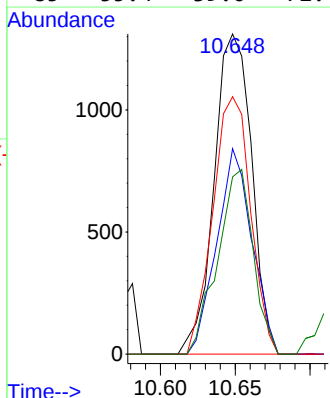
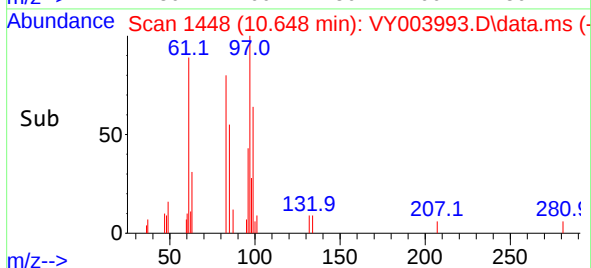
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2/9/2021 10:00:07 AM

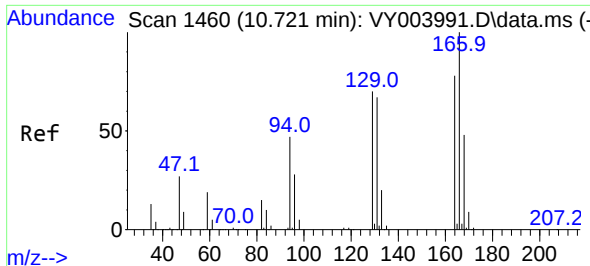


#45
1,1,2-Trichloroethane
Concen: 1.01 ug/L
RT: 10.648 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VY003993.D
Acq: 08 Feb 2021 12:12



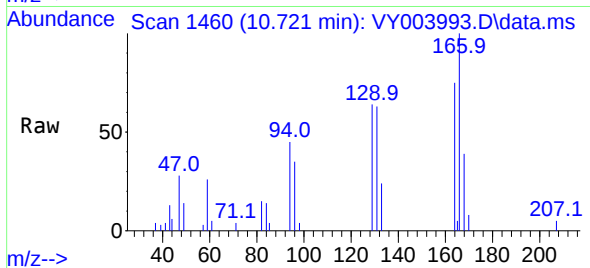
Tgt Ion: 97 Resp: 2284
Ion Ratio Lower Upper
97 100
99 64.1 45.1 83.9
83 80.4 59.7 110.9
85 55.4 39.0 72.4





#46
Tetrachloroethene
Concen: 1.05 ug/L
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY003993.D
Acq: 08 Feb 2021 12:12

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

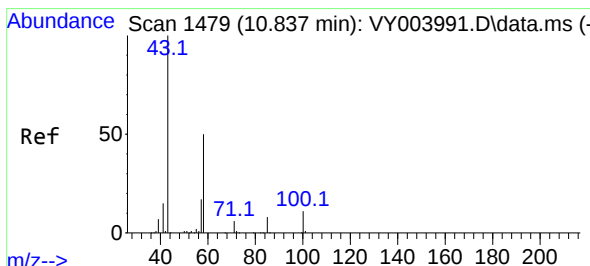
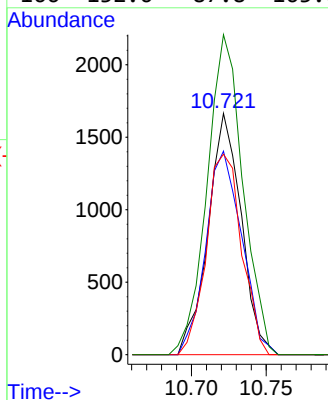
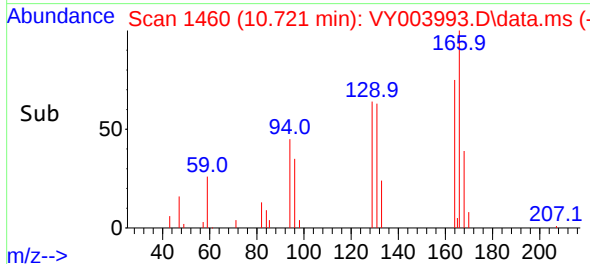


Tgt Ion:164 Resp: 2569

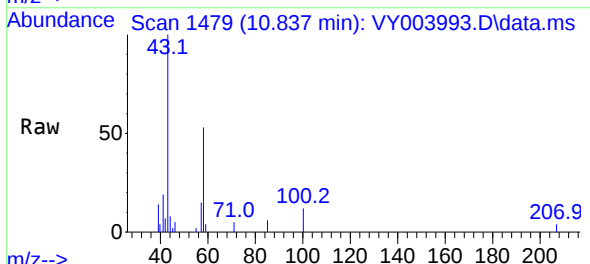
Ion	Ratio	Lower	Upper
164	100		
129	84.3	58.9	109.5
131	83.1	59.0	109.6
166	132.6	87.8	163.0

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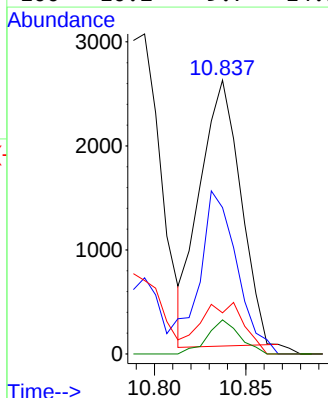
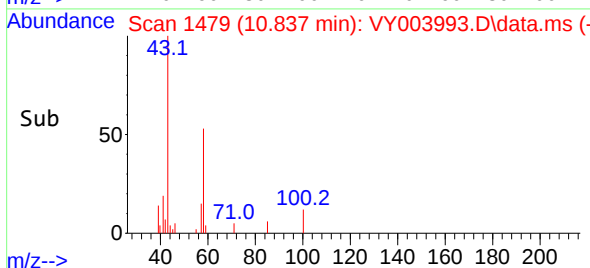


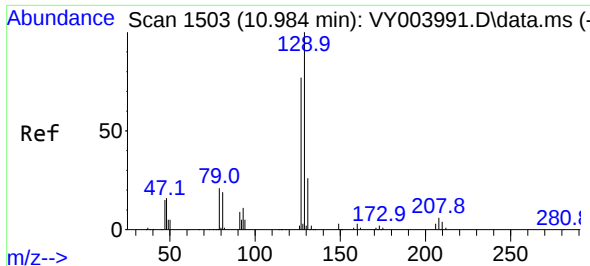
#48
2-Hexanone
Concen: 1.91 ug/L
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY003993.D
Acq: 08 Feb 2021 12:12



Tgt Ion: 43 Resp: 3978

Ion	Ratio	Lower	Upper
43	100		
58	57.2	43.0	64.6
57	20.7	14.6	21.8
100	10.2	9.7	14.5





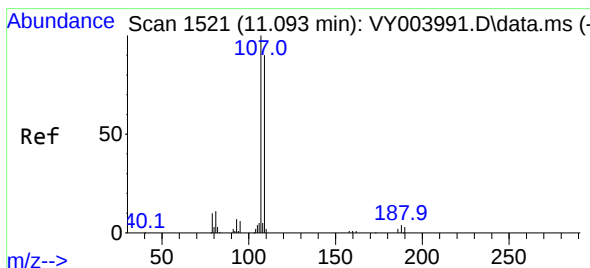
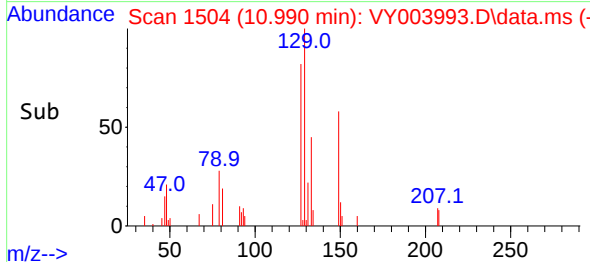
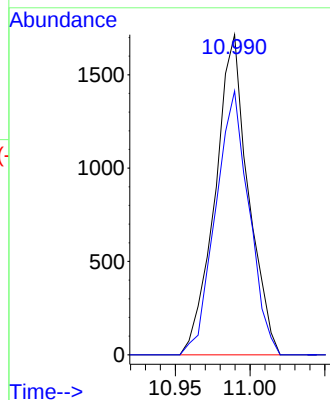
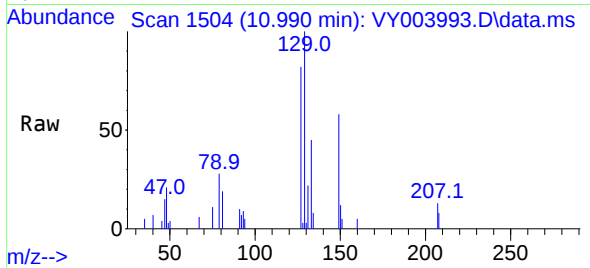
#49
Dibromochloromethane
Concen: 0.95 ug/L
RT: 10.990 min Scan# 1504
Delta R.T. 0.006 min
Lab File: VY003993.D
Acq: 08 Feb 2021 12:12

Tgt Ion:129 Resp: 2649
Ion Ratio Lower Upper
129 100
127 82.4 55.0 102.2

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

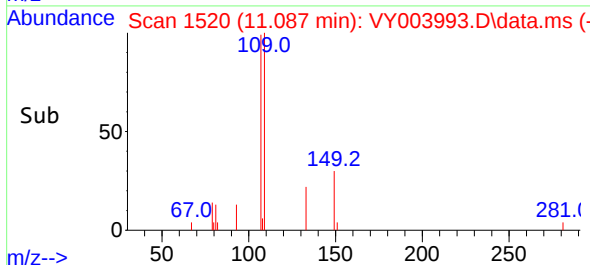
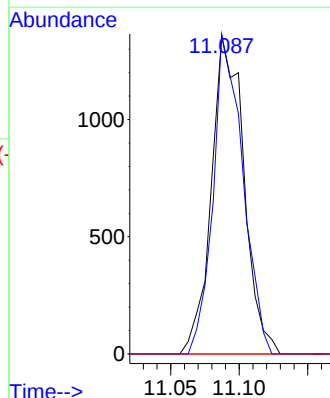
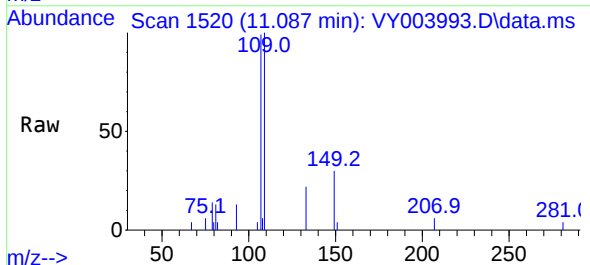
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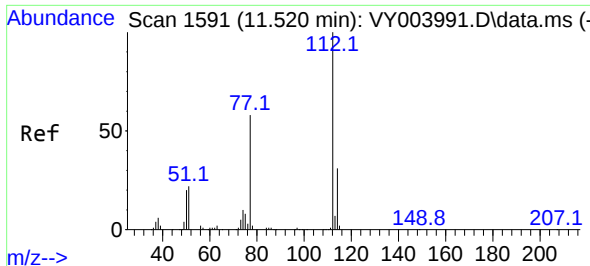
MMDadoda
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#50
1,2-Dibromoethane
Concen: 1.01 ug/L
RT: 11.087 min Scan# 1520
Delta R.T. -0.006 min
Lab File: VY003993.D
Acq: 08 Feb 2021 12:12

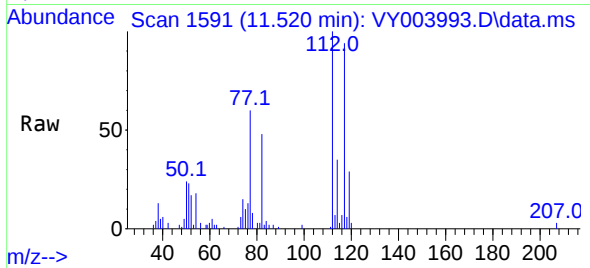
Tgt Ion:107 Resp: 2229
Ion Ratio Lower Upper
107 100
109 100.7 65.5 121.7
188 0.0 3.8 5.8#





#51
Chlorobenzene
Concen: 1.01 ug/L
RT: 11.520 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY003993.D
Acq: 08 Feb 2021 12:12

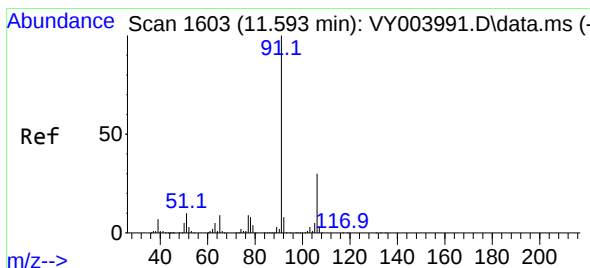
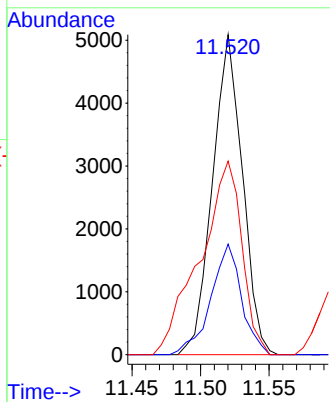
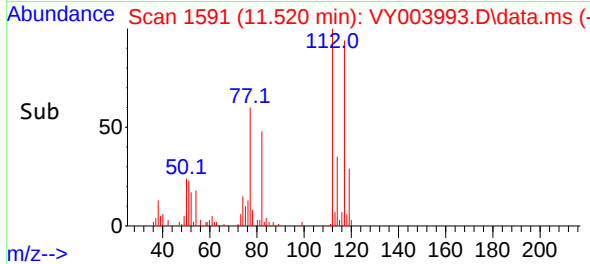
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-QT1-2021-02



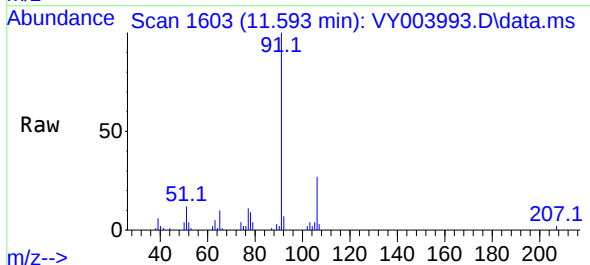
Tgt Ion:	112	Resp:	7720
Ion	Ratio	Lower	Upper
112	100		
114	34.6	22.2	41.2
77	60.5	43.8	65.6

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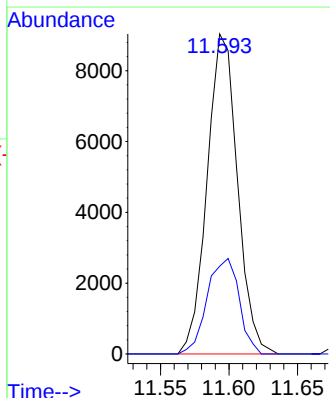
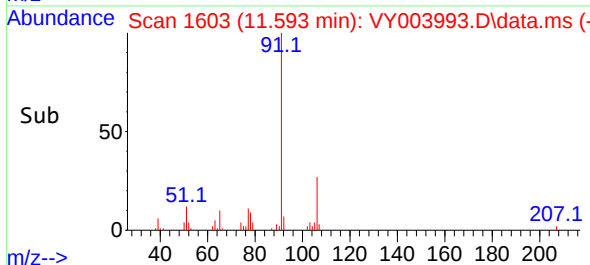
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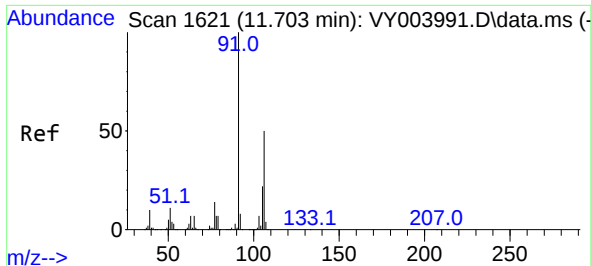


#52
Ethylbenzene
Concen: 1.03 ug/L
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY003993.D
Acq: 08 Feb 2021 12:12



Tgt Ion:	91	Resp:	13924
Ion	Ratio	Lower	Upper
91	100		
106	27.4	22.8	42.4





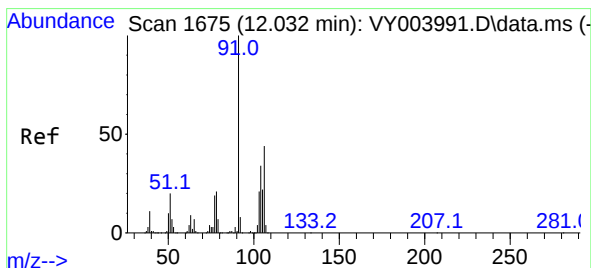
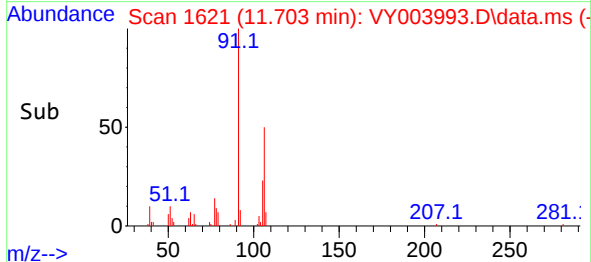
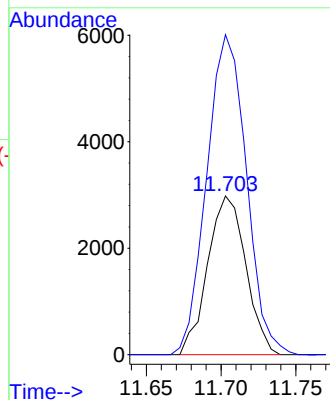
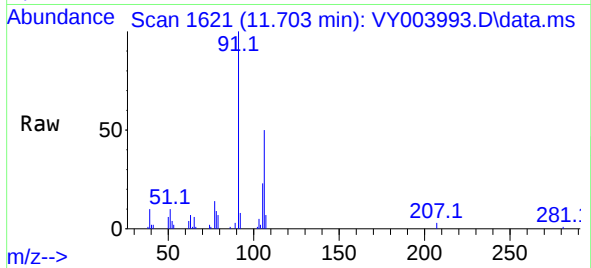
#53
m,p-Xylene
Concen: 1.04 ug/L
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY003993.D
Acq: 08 Feb 2021 12:12

Tgt Ion:106 Resp: 5287
Ion Ratio Lower Upper
106 100
91 201.6 133.1 247.3

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

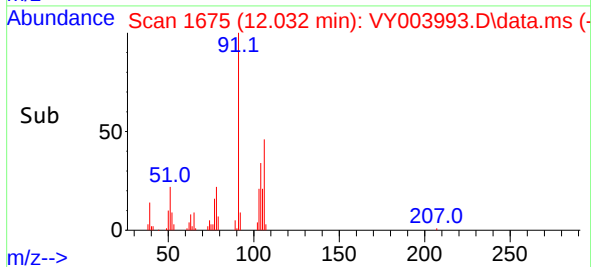
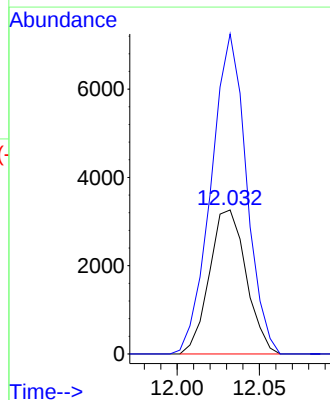
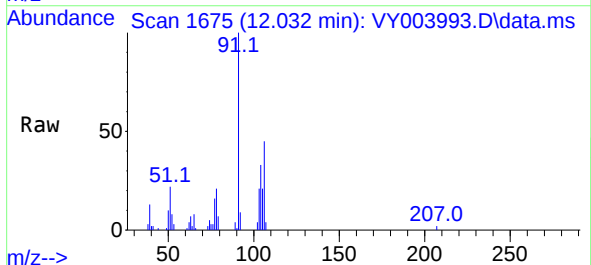
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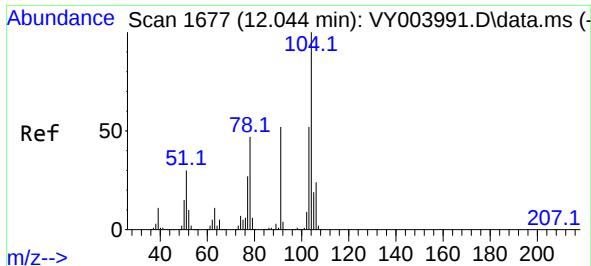
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#54
o-Xylene
Concen: 1.05 ug/L
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY003993.D
Acq: 08 Feb 2021 12:12

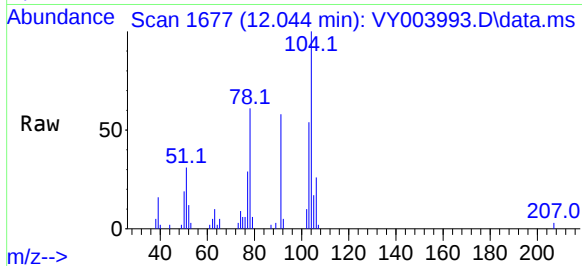
Tgt Ion:106 Resp: 5070
Ion Ratio Lower Upper
106 100
91 222.3 144.1 267.5





#55
Styrene
Concen: 0.99 ug/L
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY003993.D
Acq: 08 Feb 2021 12:12

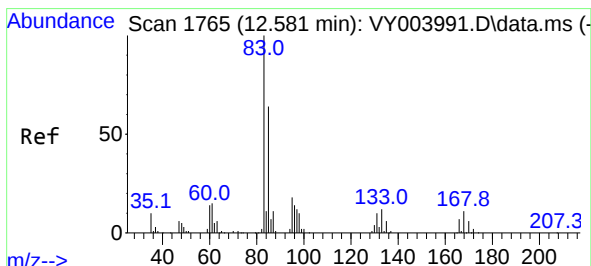
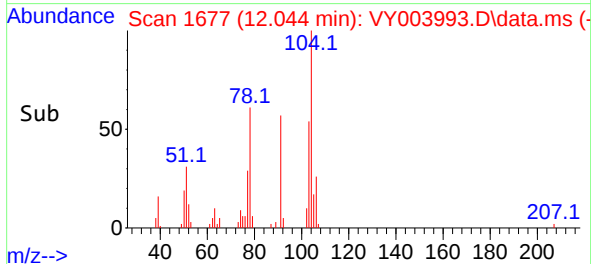
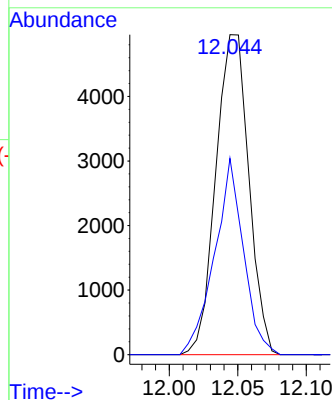
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-QT1-2021-02



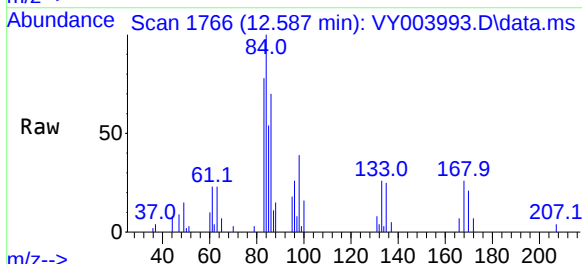
Tgt Ion:104 Resp: 8311
Ion Ratio Lower Upper
104 100
78 61.3 27.6 51.4#

Manual Integrations
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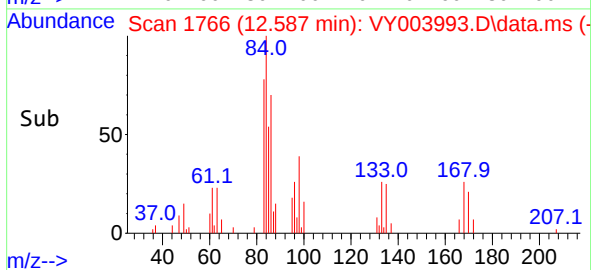
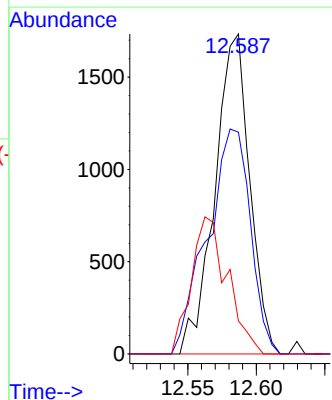
MMDadoda
2/9/2021 10:00:07 AM

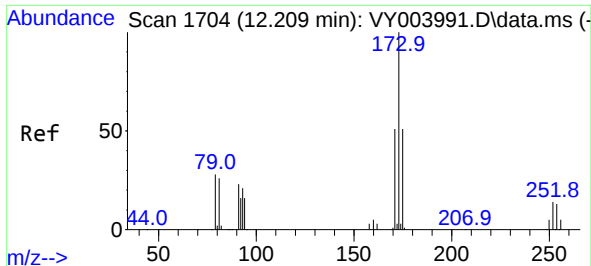


#57
1,1,2,2-Tetrachloroethane
Concen: 1.06 ug/L
RT: 12.587 min Scan# 1766
Delta R.T. 0.006 min
Lab File: VY003993.D
Acq: 08 Feb 2021 12:12

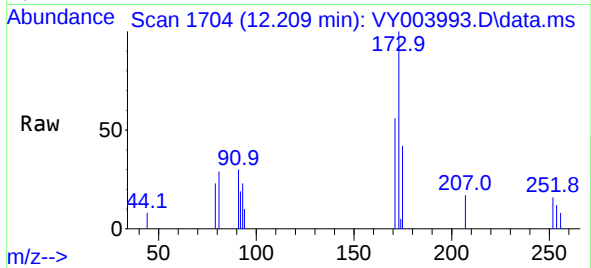


Tgt Ion: 83 Resp: 3078
Ion Ratio Lower Upper
83 100
85 69.3 46.1 85.7
131 10.3 8.1 12.1

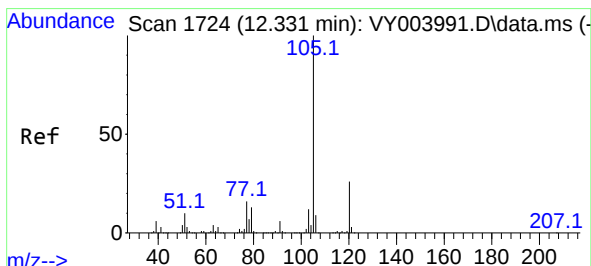
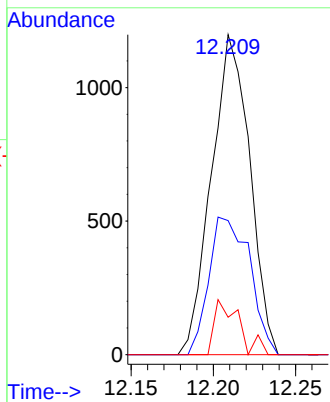
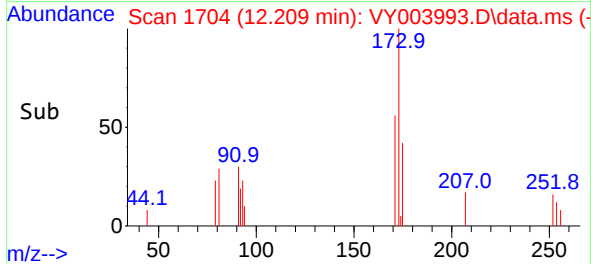




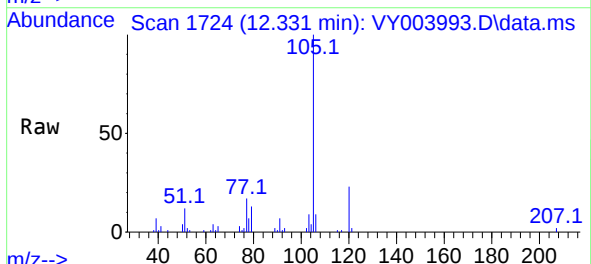
#59
Bromoform
Concen: 1.02 ug/L
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY003993.D
Acq: 08 Feb 2021 12:12



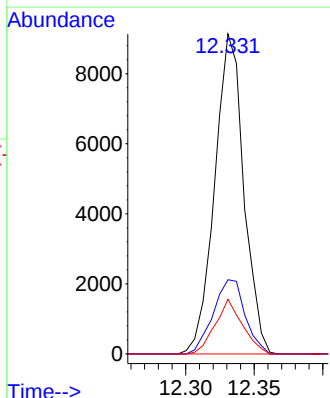
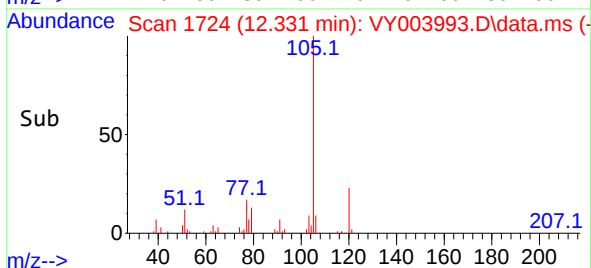
Tgt Ion:173 Resp: 1945
Ion Ratio Lower Upper
173 100
175 45.8 38.2 57.4
254 9.7 8.0 12.0



#60
Isopropylbenzene
Concen: 1.03 ug/L
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY003993.D
Acq: 08 Feb 2021 12:12



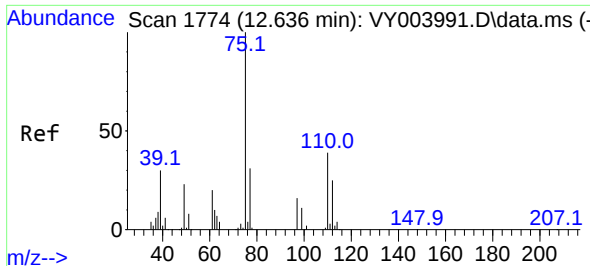
Tgt Ion:105 Resp: 13476
Ion Ratio Lower Upper
105 100
120 25.5 22.0 33.0
77 16.1 12.1 18.1



Instrument :
MSVOA_Y
ClientSampleId :
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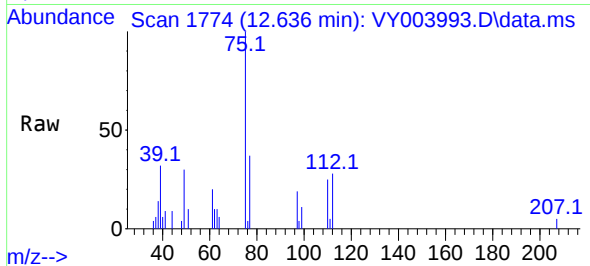
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#61
1,2,3-Trichloropropane
Concen: 1.01 ug/L
RT: 12.636 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY003993.D
Acq: 08 Feb 2021 12:12

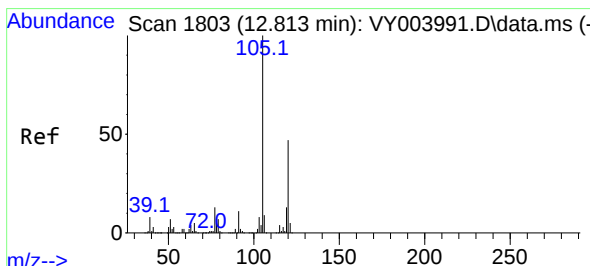
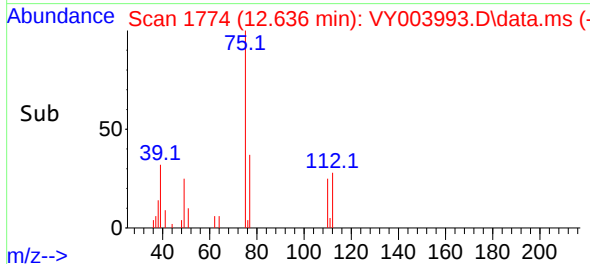
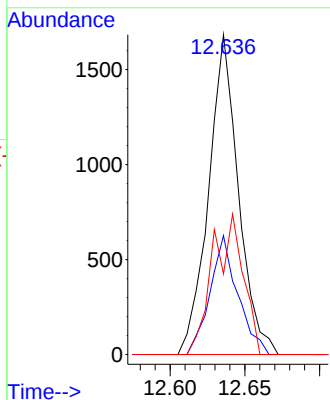
Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion:	75	Resp:	2342
Ion	Ratio	Lower	Upper
75	100		
77	34.5	26.3	39.5
110	44.7	33.0	49.4

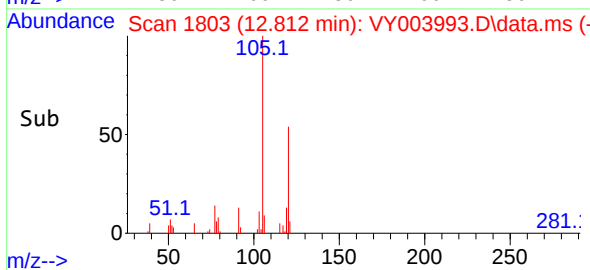
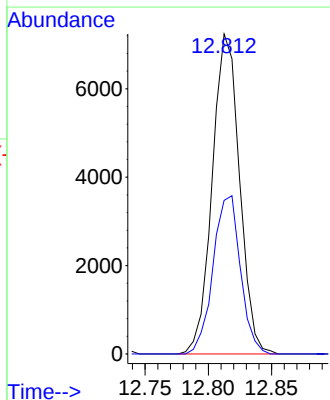
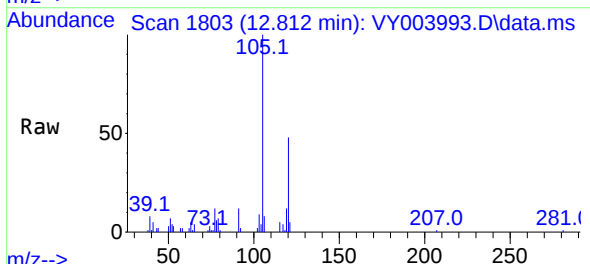
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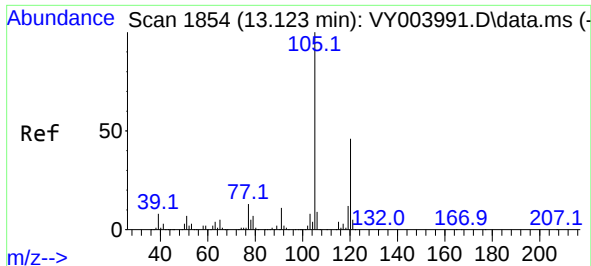
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#62
1,3,5-Trimethylbenzene
Concen: 0.98 ug/L
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY003993.D
Acq: 08 Feb 2021 12:12

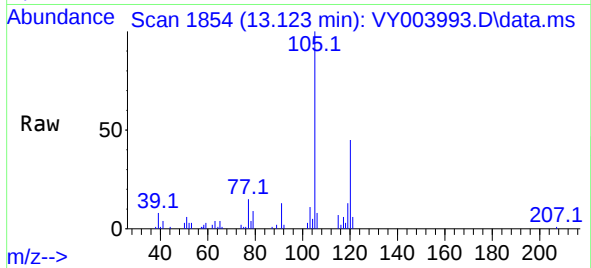
Tgt Ion:	105	Resp:	10856
Ion	Ratio	Lower	Upper
105	100		
120	49.5	40.4	60.6





#63
1,2,4-Trimethylbenzene
Concen: 0.97 ug/L
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY003993.D
Acq: 08 Feb 2021 12:12

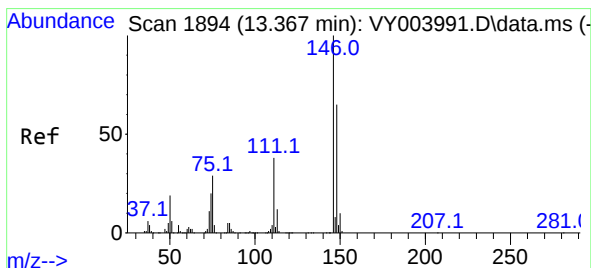
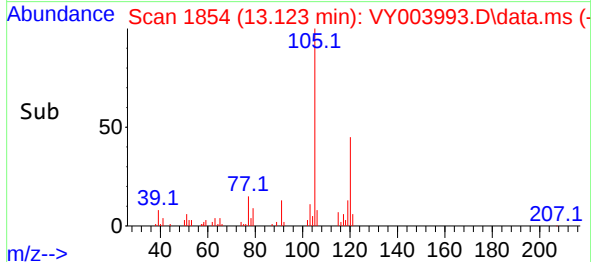
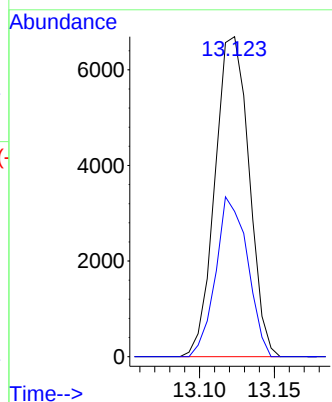
Instrument :
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ClientSampleId :
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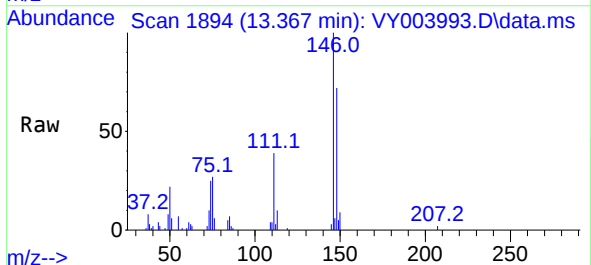
Tgt Ion:105 Resp: 10589
Ion Ratio Lower Upper
105 100
120 46.6 38.0 57.0

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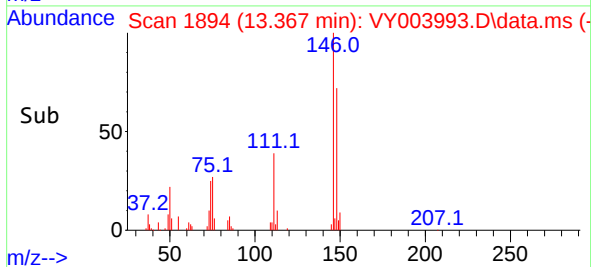
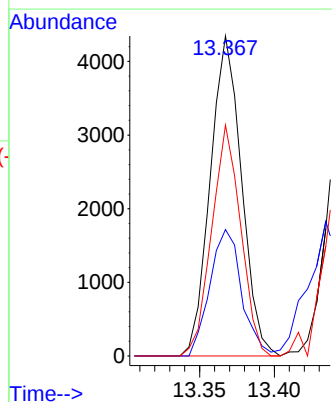
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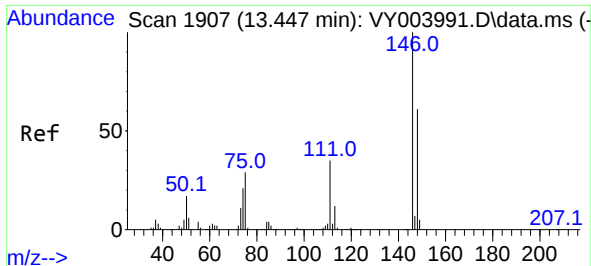


#64
1,3-Dichlorobenzene
Concen: 1.04 ug/L
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY003993.D
Acq: 08 Feb 2021 12:12



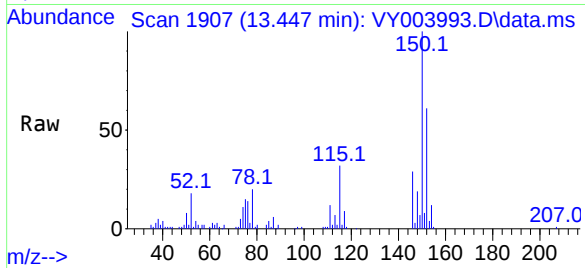
Tgt Ion:146 Resp: 6311
Ion Ratio Lower Upper
146 100
111 39.5 26.6 49.4
148 72.1 46.3 86.1





#65
1,4-Dichlorobenzene
Concen: 1.05 ug/L
RT: 13.447 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY003993.D
Acq: 08 Feb 2021 12:12

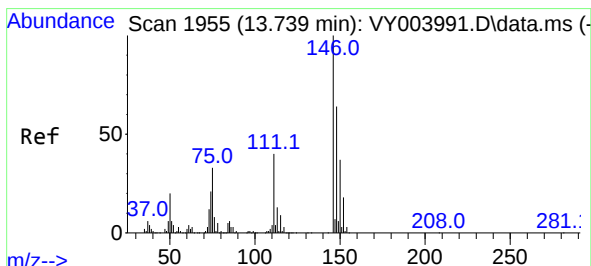
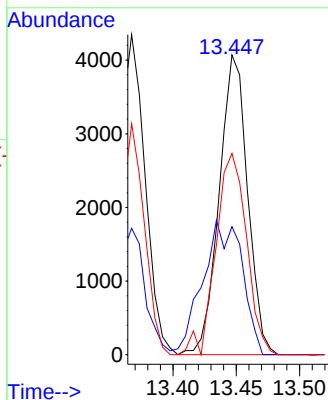
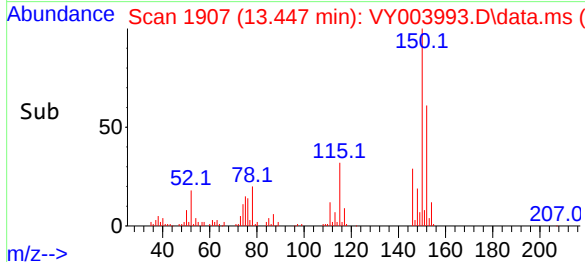
Instrument :
MSVOA_Y
ClientSampleId :
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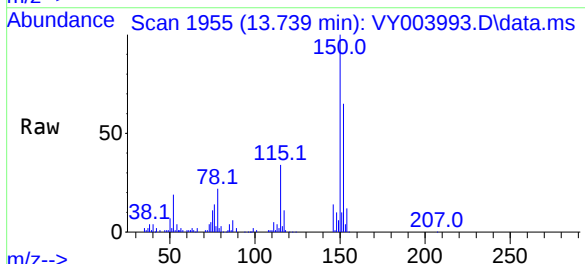
Tgt Ion:146 Resp: 6364
Ion Ratio Lower Upper
146 100
111 42.7 24.7 45.9
148 67.2 43.4 80.6

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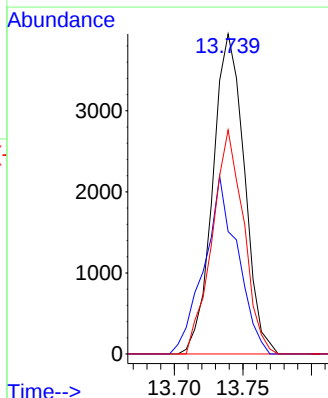
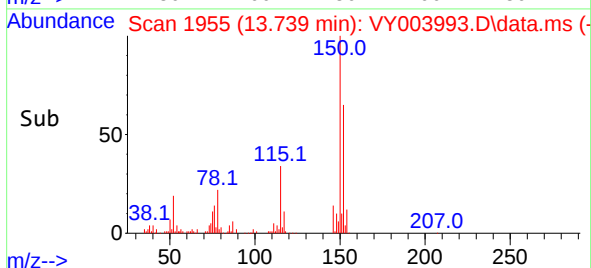
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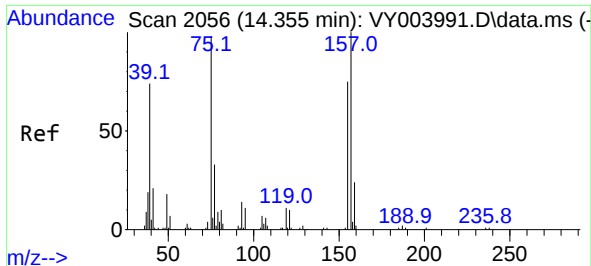


#67
1,2-Dichlorobenzene
Concen: 1.12 ug/L
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY003993.D
Acq: 08 Feb 2021 12:12



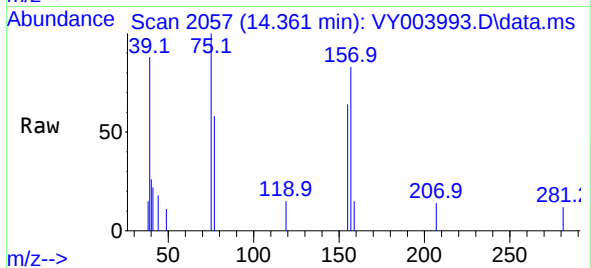
Tgt Ion:146 Resp: 6312
Ion Ratio Lower Upper
146 100
111 38.3 31.0 46.6
148 70.0 51.0 76.4





#68
1,2-Dibromo-3-chloropropane
Concen: 1.34 ug/L m
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY003993.D
Acq: 08 Feb 2021 12:12

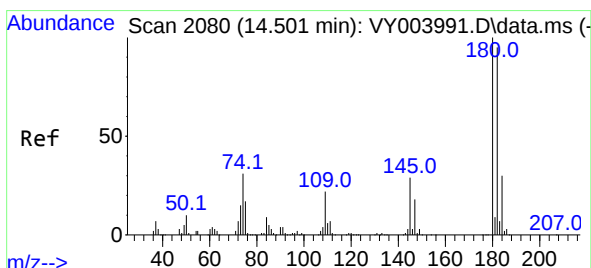
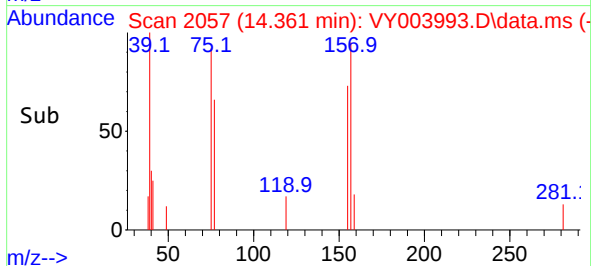
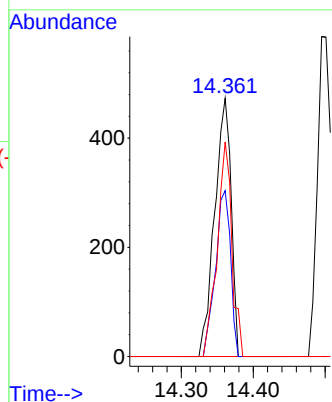
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-QT1-2021-02



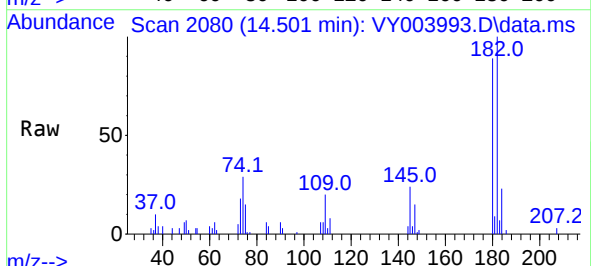
Tgt Ion: 75 Resp: 754
Ion Ratio Lower Upper
75 100
155 64.3 73.4 110.0#
157 83.1 98.1 147.1#

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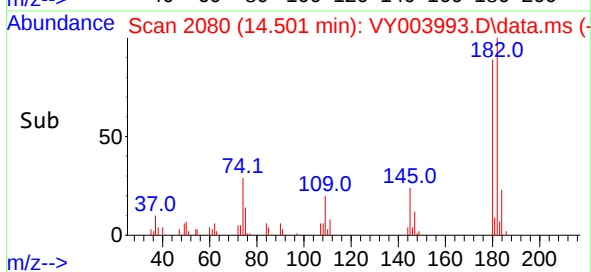
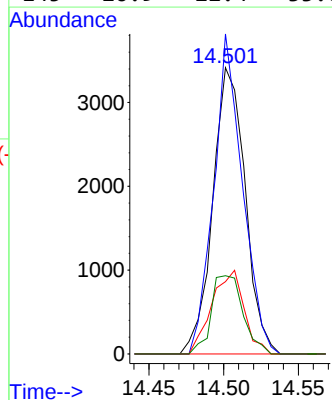
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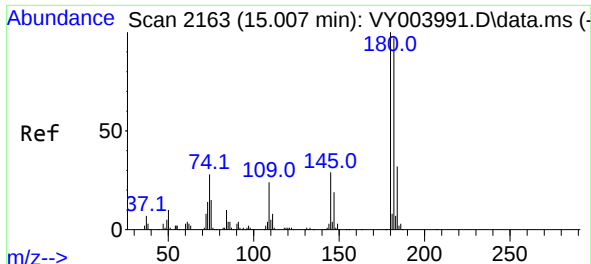


#69
1,3,5-Trichlorobenzene
Concen: 1.17 ug/L
RT: 14.501 min Scan# 2080
Delta R.T. -0.000 min
Lab File: VY003993.D
Acq: 08 Feb 2021 12:12



Tgt Ion: 180 Resp: 5147
Ion Ratio Lower Upper
180 100
182 98.9 75.4 113.0
184 29.1 24.1 36.1
145 26.9 22.4 33.6





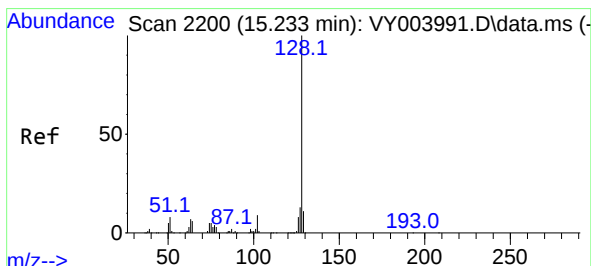
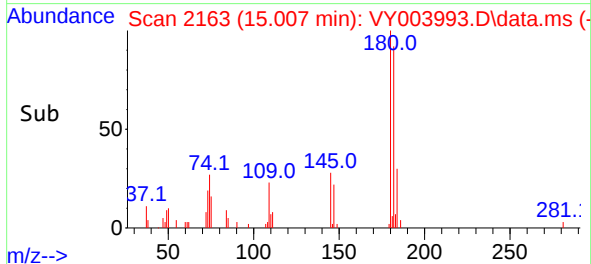
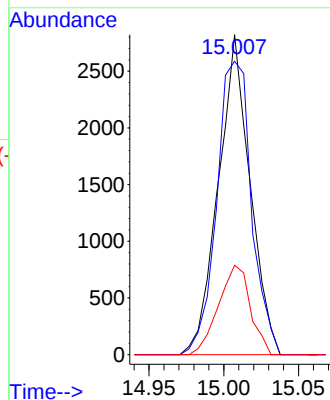
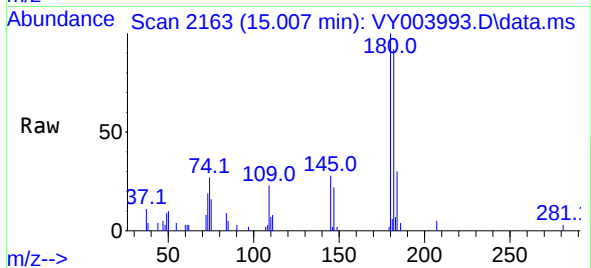
#70
1,2,4-trichlorobenzene
Concen: 1.14 ug/L
RT: 15.007 min Scan# 2163
Delta R.T. -0.000 min
Lab File: VY003993.D
Acq: 08 Feb 2021 12:12

Tgt Ion:	180	Resp:	4161
Ion Ratio	Lower	Upper	
180	100		
182	100.4	76.1	114.1
145	28.0	22.8	34.2

Instrument :
MSVOA_Y
ClientSampleId :
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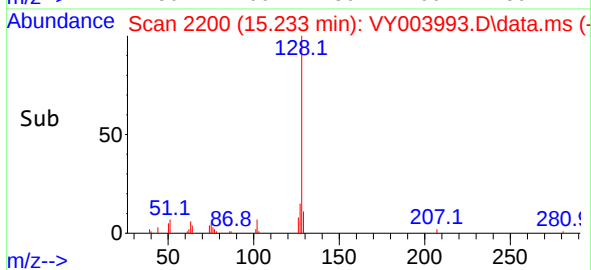
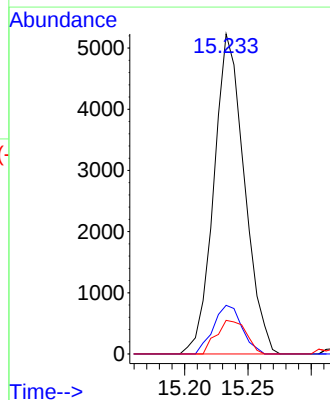
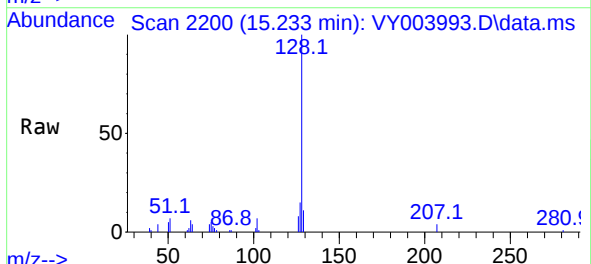
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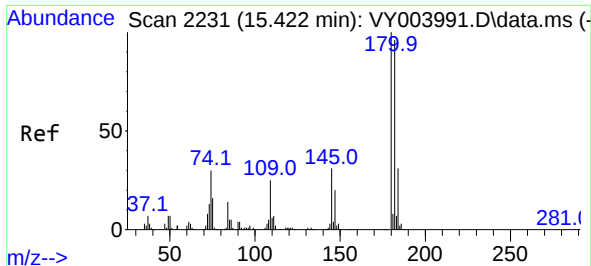
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#71
Naphthalene
Concen: 1.15 ug/L
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY003993.D
Acq: 08 Feb 2021 12:12

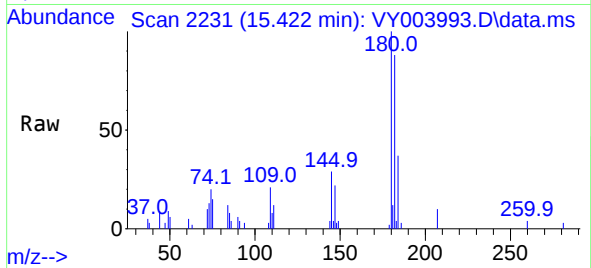
Tgt Ion:	128	Resp:	8772
Ion Ratio	Lower	Upper	
128	100		
127	14.2	10.4	15.6
129	10.2	8.5	12.7





#72
 1,2,3-Trichlorobenzene
 Concen: 1.28 ug/L
 RT: 15.422 min Scan# 2231
 Delta R.T. -0.000 min
 Lab File: VY003993.D
 Acq: 08 Feb 2021 12:12

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



Tgt Ion:	180	Resp:	4064
Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.2	114.4
145	32.1	23.6	35.4

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