

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052521\
 Data File : VY004870.D
 Acq On : 25 May 2021 11:54
 Operator : SY/MD
 Sample : M2250-03
 Misc : 5.00G/10ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL-SOIL-QT3-2021-05

Manual Integrations
 APPROVED

MMDadoda
 5/27/2021 10:28:36 AM

Quant Time: May 26 03:43:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\SFAMLYM051921SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 26 03:09:44 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.697	114	286711	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.496	117	258020	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.428	152	119997	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.247	65	109509	23.44	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.76%
7) Chloroethane-d5	2.765	69	87749	25.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.96%
11) 1,1-Dichloroethene-d2	3.863	63	154839	19.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.16%
21) 2-Butanone-d5	6.899	46	91612	47.27	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.54%
24) Chloroform-d	7.490	84	184260	25.05	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.20%
26) 1,2-Dichloroethane-d4	8.149	65	113888	24.56	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.24%
32) Benzene-d6	8.118	84	404092	26.15	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.60%
36) 1,2-Dichloropropane-d6	9.124	67	127034	25.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.36%
41) Toluene-d8	10.185	98	345587	24.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.56%
43) trans-1,3-Dichloroprop...	10.441	79	56590	23.72	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.88%
47) 2-Hexanone-d5	10.794	63	63403	46.30	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.60%
56) 1,1,2,2-Tetrachloroeth...	12.562	84	104743	23.70	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.80%
66) 1,2-Dichlorobenzene-d4	13.727	152	110854	25.56	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.24%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	3895	1.02	ug/L	94
3) Chloromethane	2.119	50	6119	1.31	ug/L	88
5) Vinyl chloride	2.259	62	5465	1.09	ug/L	87
6) Bromomethane	2.662	94	2519	1.28	ug/L	81
8) Chloroethane	2.802	64	2870	0.98	ug/L	84
9) Trichlorofluoromethane	3.137	101	5595	0.87	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	3.905	101	4704m	1.24	ug/L	
12) 1,1-Dichloroethene	3.875	96	4706	1.33	ug/L #	1
13) Acetone	3.954	43	3218	2.81	ug/L	75
14) Carbon disulfide	4.204	76	11451	1.01	ug/L	100
15) Methyl Acetate	4.491	43	2971	0.93	ug/L #	76
16) Methylene chloride	4.735	84	12570	2.56	ug/L	98
17) trans-1,2-Dichloroethene	5.234	96	3397	0.88	ug/L	97
18) Methyl tert-butyl Ether	5.234	73	9375	0.85	ug/L #	88
19) 1,1-Dichloroethane	6.027	63	6882	0.94	ug/L	94
20) cis-1,2-Dichloroethene	6.990	96	4232m	1.02	ug/L	
22) 2-Butanone	7.002	43	3758	1.90	ug/L #	75
23) Bromochloromethane	7.344	128	1752m	0.90	ug/L	
25) Chloroform	7.515	83	11936	1.59	ug/L	96

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

27) 1,2-Dichloroethane	8.246	62	5185	1.00	ug/L	98
29) Cyclohexane	7.789	56	5382	0.80	ug/L #	33
30) 1,1,1-Trichloroethane	7.710	97	6038	0.99	ug/L #	83
31) Carbon tetrachloride	7.905	117	3736	0.78	ug/L	97
33) Benzene	8.167	78	14768	0.93	ug/L	100
34) Trichloroethene	8.941	95	3883	0.97	ug/L	92
35) Methylcyclohexane	9.185	83	5367	0.79	ug/L #	73
37) 1,2-Dichloropropane	9.222	63	4111	0.97	ug/L #	92
38) Bromodichloromethane	9.502	83	4809	0.92	ug/L #	99
39) cis-1,3-Dichloropropene	9.935	75	5969	0.91	ug/L	98
40) 4-Methyl-2-pentanone	10.075	43	7819	1.73	ug/L	95
42) Toluene	10.246	91	19802	1.18	ug/L	98
44) trans-1,3-Dichloropropene	10.471	75	8542	1.39	ug/L	97
45) 1,1,2-Trichloroethane	10.648	97	2972	0.90	ug/L	92
46) Tetrachloroethene	10.721	164	2652	0.87	ug/L	82
48) 2-Hexanone	10.837	43	5423	1.77	ug/L	98
49) Dibromochloromethane	10.983	129	3432	0.92	ug/L	100
50) 1,2-Dibromoethane	11.093	107	2919	0.92	ug/L	88
51) Chlorobenzene	11.520	112	9714	0.93	ug/L	95
52) Ethylbenzene	11.593	91	15915	0.88	ug/L	99
53) m,p-Xylene	11.703	106	5810	0.86	ug/L	95
54) o-Xylene	12.032	106	5294	0.82	ug/L	95
55) Styrene	12.044	104	8260	0.75	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.581	83	4062	1.01	ug/L #	94
59) Bromoform	12.209	173	1966	0.86	ug/L	97
60) Isopropylbenzene	12.331	105	13209	0.78	ug/L	97
61) 1,2,3-Trichloropropane	12.636	75	3196	0.98	ug/L	93
62) 1,3,5-Trimethylbenzene	12.812	105	10554	0.78	ug/L	98
63) 1,2,4-Trimethylbenzene	13.123	105	10928	0.81	ug/L	95
64) 1,3-Dichlorobenzene	13.367	146	6606	0.92	ug/L	96
65) 1,4-Dichlorobenzene	13.446	146	6848	0.94	ug/L	92
67) 1,2-Dichlorobenzene	13.745	146	6242	0.94	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.361	75	780m	1.05	ug/L	
69) 1,3,5-Trichlorobenzene	14.507	180	4445	0.92	ug/L	96
70) 1,2,4-trichlorobenzene	15.007	180	3672	0.91	ug/L	98
71) Naphthalene	15.239	128	8420	0.83	ug/L	97
72) 1,2,3-Trichlorobenzene	15.428	180	3350	0.91	ug/L	99

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

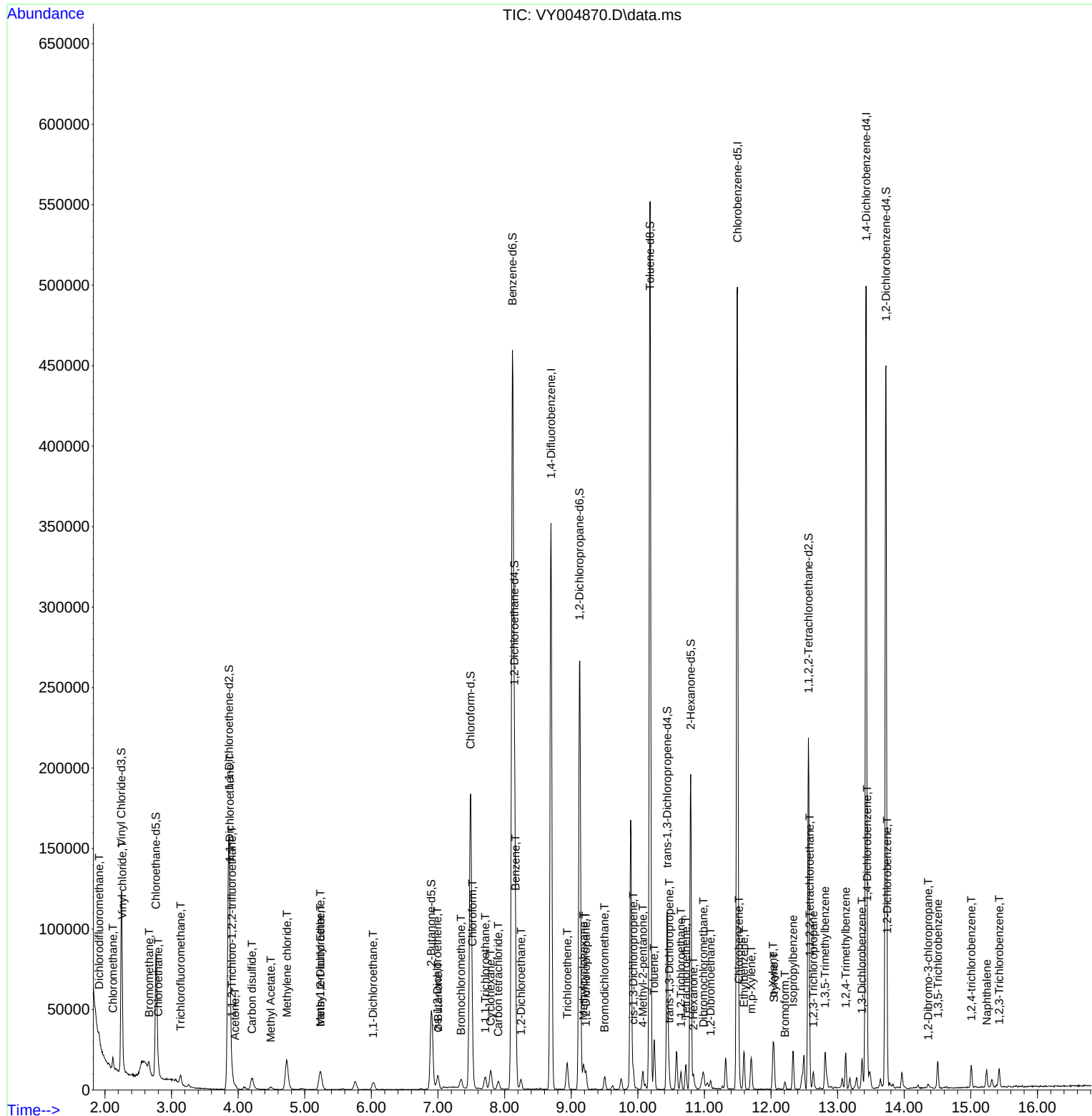
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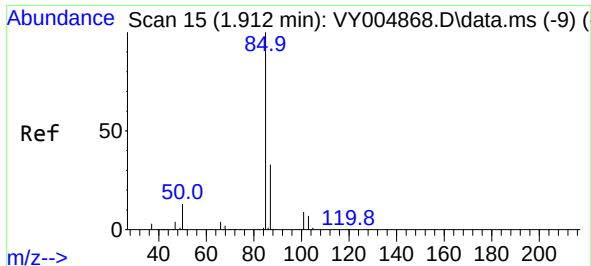
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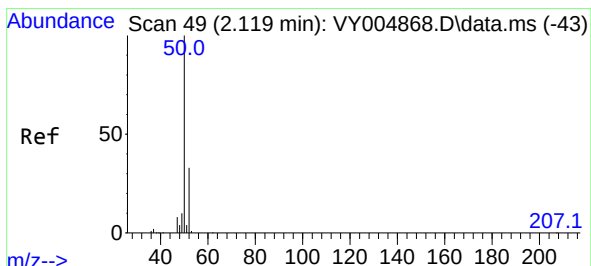
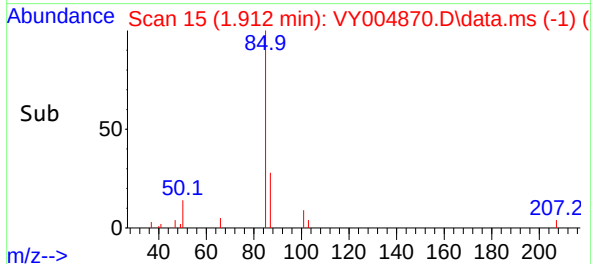
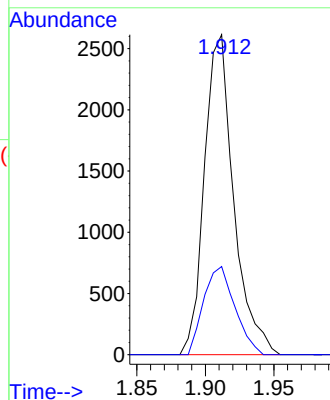
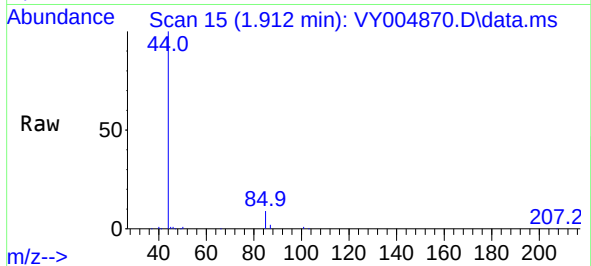
#2
Dichlorodifluoromethane
Concen: 1.02 ug/L
RT: 1.912 min Scan# 15
Delta R.T. -0.000 min
Lab File: VY004870.D
Acq: 25 May 2021 11:54

Tgt Ion: 85 Resp: 3895
Ion Ratio Lower Upper
85 100
87 29.4 26.2 39.2

Instrument :
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ClientSampleId :
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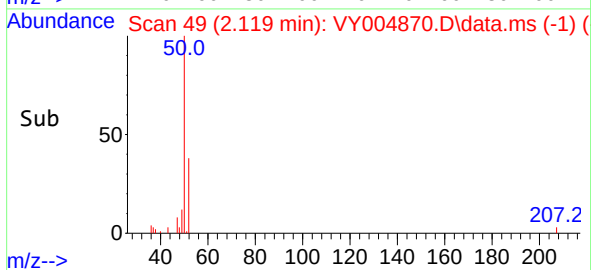
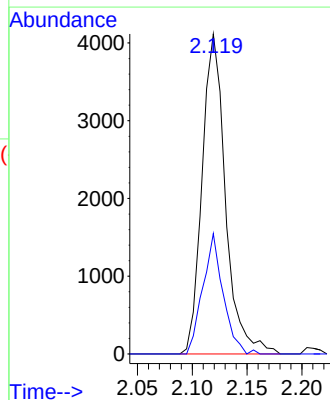
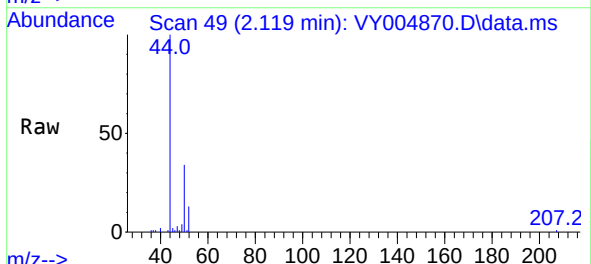
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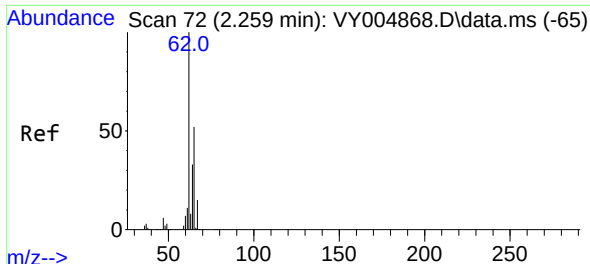
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#3
Chloromethane
Concen: 1.31 ug/L
RT: 2.119 min Scan# 49
Delta R.T. -0.000 min
Lab File: VY004870.D
Acq: 25 May 2021 11:54

Tgt Ion: 50 Resp: 6119
Ion Ratio Lower Upper
50 100
52 37.6 21.8 40.4





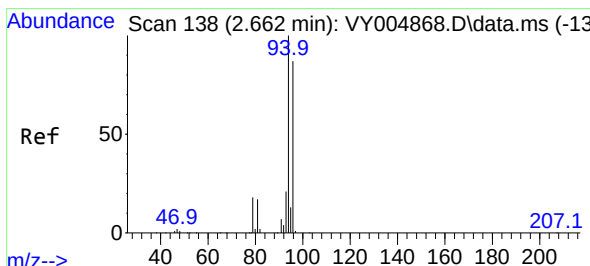
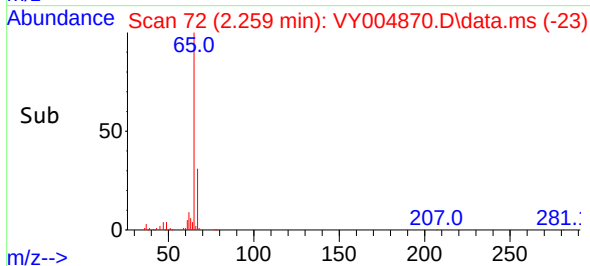
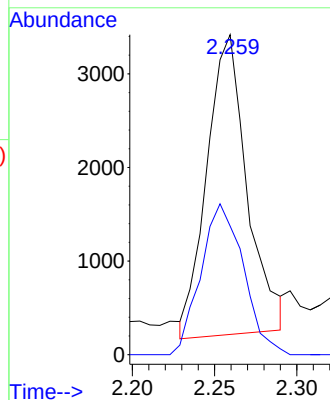
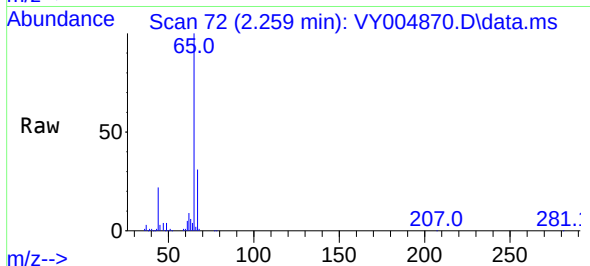
#5
Vinyl chloride
Concen: 1.09 ug/L
RT: 2.259 min Scan# 72
Delta R.T. -0.000 min
Lab File: VY004870.D
Acq: 25 May 2021 11:54

Tgt Ion: 62 Resp: 5465
Ion Ratio Lower Upper
62 100
64 40.2 22.8 42.4

Instrument :
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ClientSampleId :
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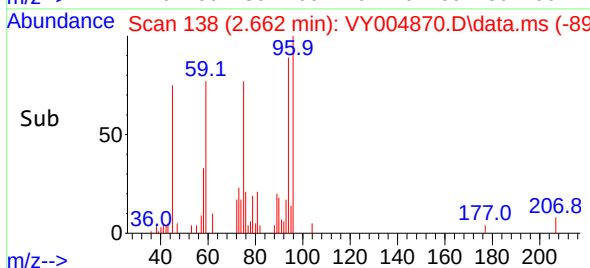
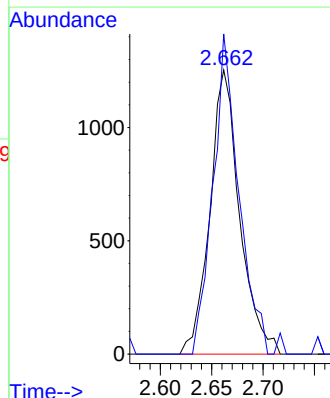
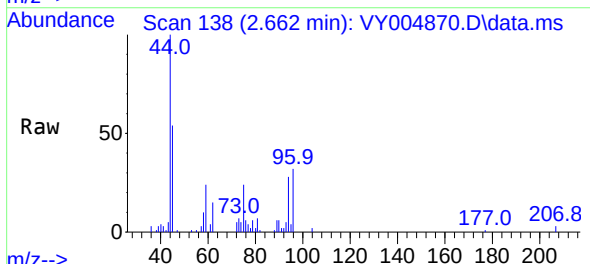
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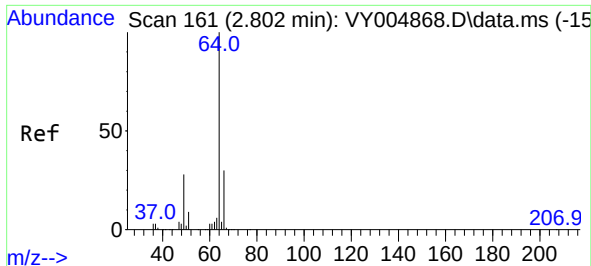
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#6
Bromomethane
Concen: 1.28 ug/L
RT: 2.662 min Scan# 138
Delta R.T. -0.000 min
Lab File: VY004870.D
Acq: 25 May 2021 11:54

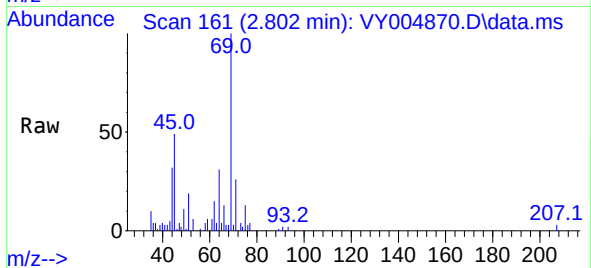
Tgt Ion: 94 Resp: 2519
Ion Ratio Lower Upper
94 100
96 112.7 65.9 122.5





#8
Chloroethane
Concen: 0.98 ug/L
RT: 2.802 min Scan# 161
Delta R.T. -0.000 min
Lab File: VY004870.D
Acq: 25 May 2021 11:54

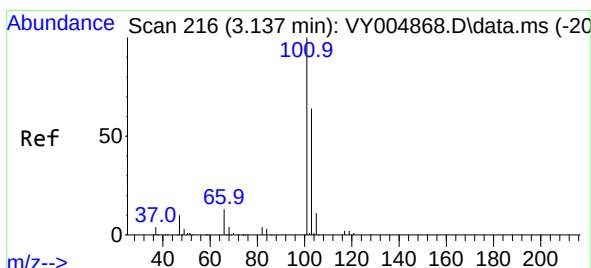
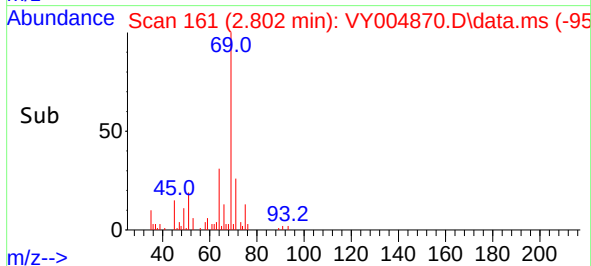
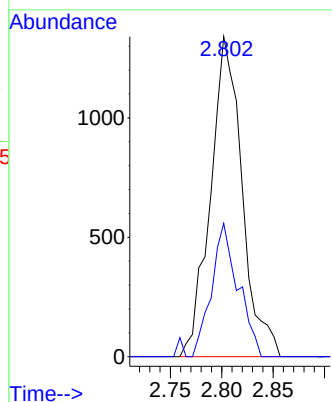
Instrument :
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MDL-SOIL-QT3-2021-05



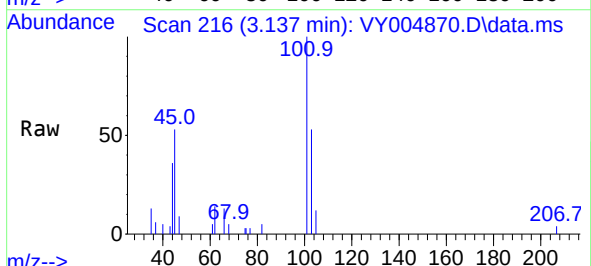
Tgt Ion: 64 Resp: 2870
Ion Ratio Lower Upper
64 100
66 41.6 22.7 42.3

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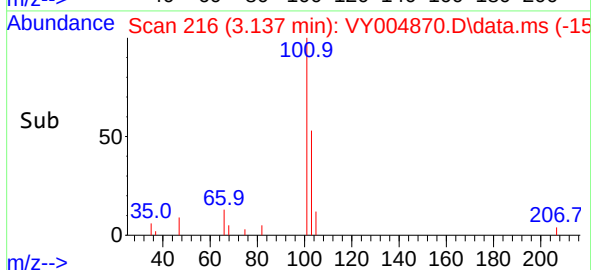
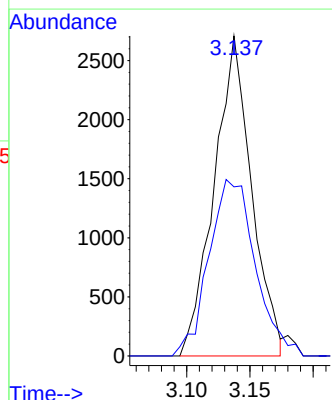
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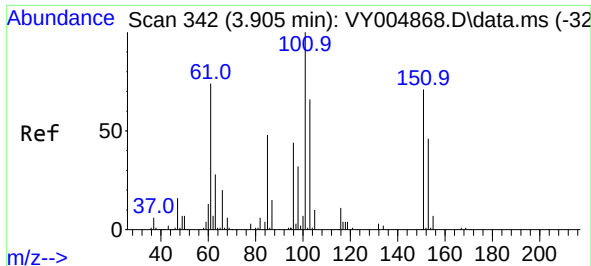


#9
Trichlorofluoromethane
Concen: 0.87 ug/L
RT: 3.137 min Scan# 216
Delta R.T. -0.000 min
Lab File: VY004870.D
Acq: 25 May 2021 11:54



Tgt Ion: 101 Resp: 5595
Ion Ratio Lower Upper
101 100
103 68.2 51.4 77.2





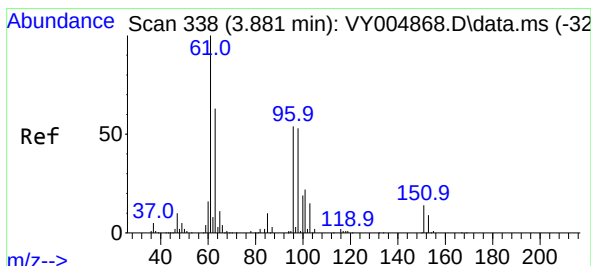
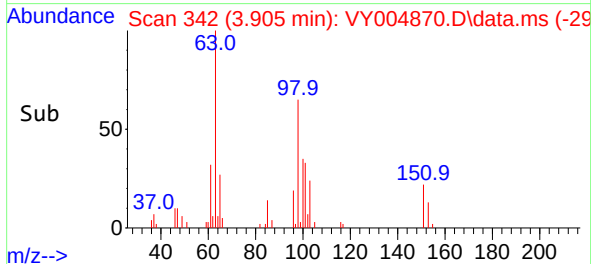
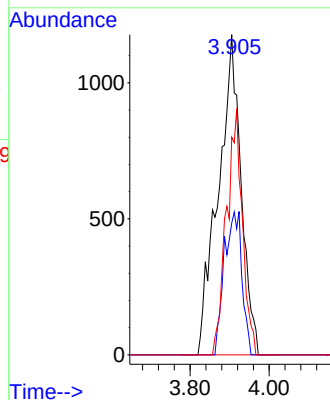
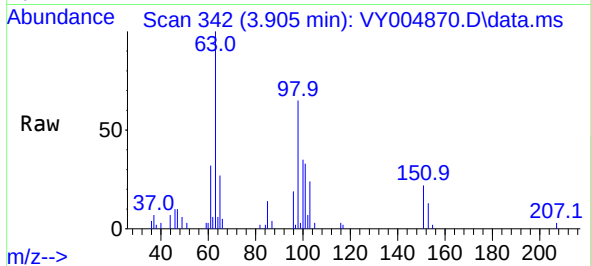
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.24 ug/L m
RT: 3.905 min Scan# 342
Delta R.T. 0.000 min
Lab File: VY004870.D
Acq: 25 May 2021 11:54

Tgt Ion: 101 Resp: 4704
Ion Ratio Lower Upper
101 100
85 5.0 36.6 54.8#
151 36.3 59.0 88.4#

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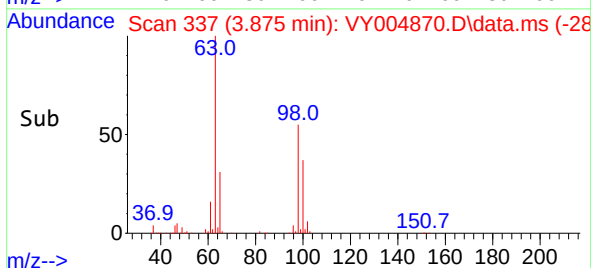
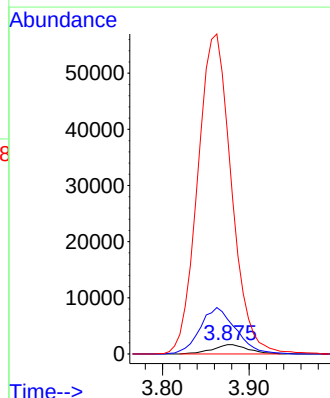
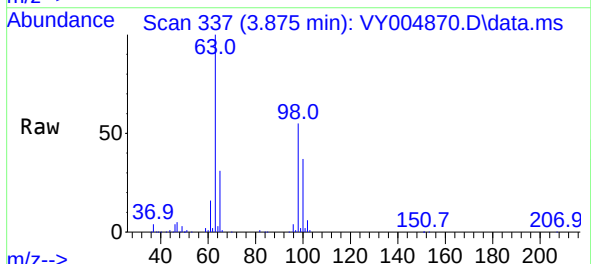
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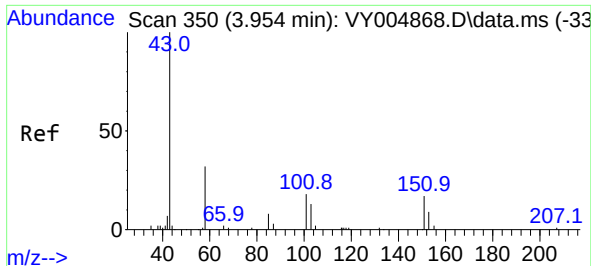
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#12
1,1-Dichloroethene
Concen: 1.33 ug/L
RT: 3.875 min Scan# 337
Delta R.T. -0.006 min
Lab File: VY004870.D
Acq: 25 May 2021 11:54

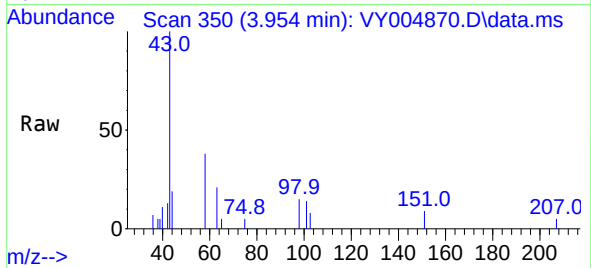
Tgt Ion: 96 Resp: 4706
Ion Ratio Lower Upper
96 100
61 376.0 121.2 225.2#
63 2385.5 86.9 161.3#





#13
Acetone
Concen: 2.81 ug/L
RT: 3.954 min Scan# 350
Delta R.T. -0.000 min
Lab File: VY004870.D
Acq: 25 May 2021 11:54

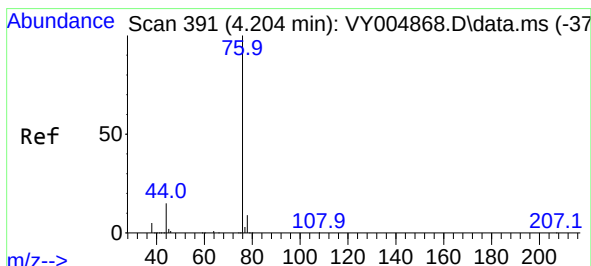
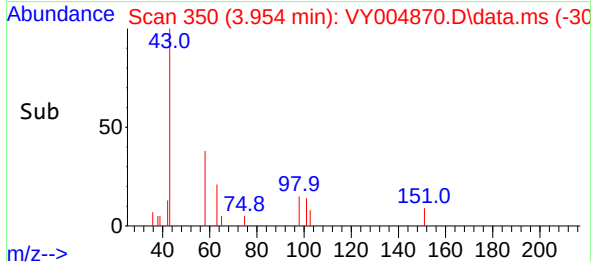
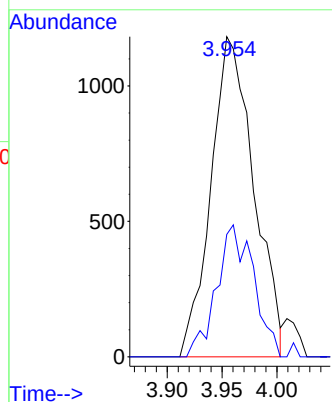
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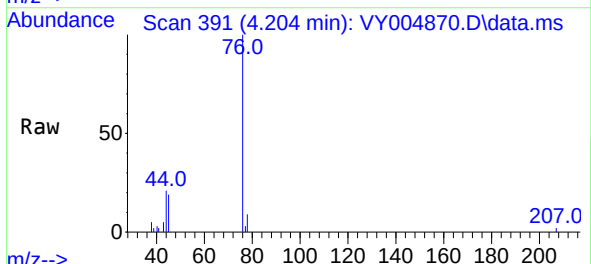
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Ion Ratio Lower Upper
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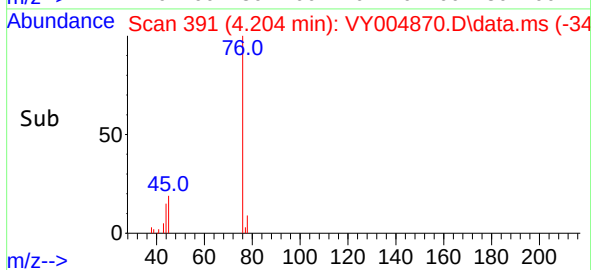
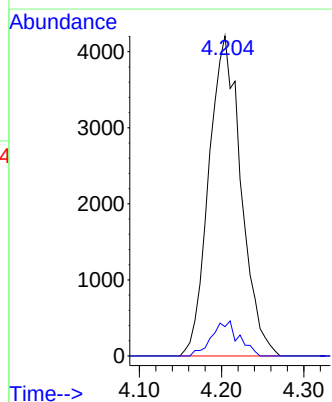
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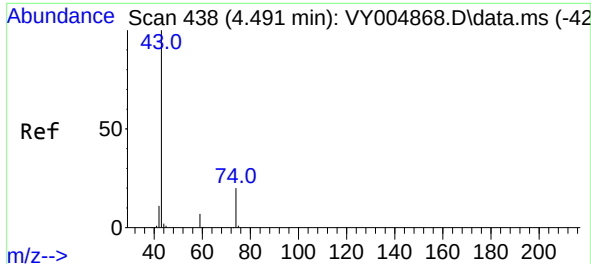


#14
Carbon disulfide
Concen: 1.01 ug/L
RT: 4.204 min Scan# 391
Delta R.T. -0.000 min
Lab File: VY004870.D
Acq: 25 May 2021 11:54



Tgt Ion: 76 Resp: 11451
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2





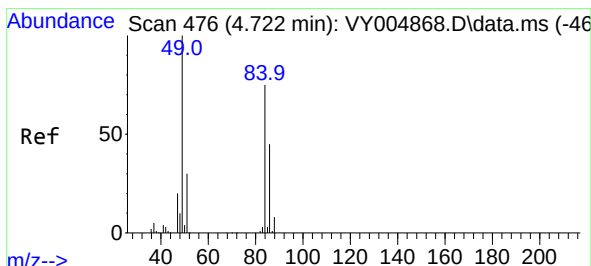
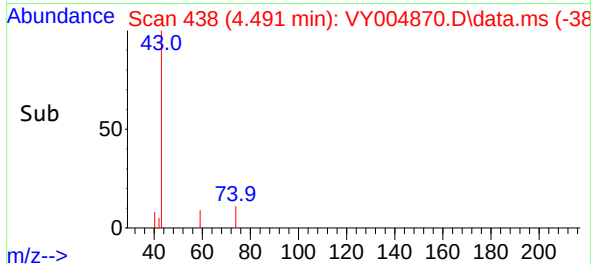
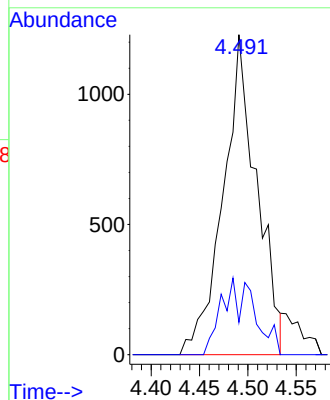
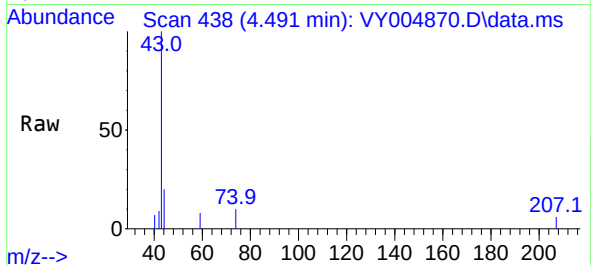
#15
Methyl Acetate
Concen: 0.93 ug/L
RT: 4.491 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY004870.D
Acq: 25 May 2021 11:54

Tgt Ion: 43 Resp: 2971
Ion Ratio Lower Upper
43 100
74 9.7 16.7 25.1#

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-QT3-2021-05

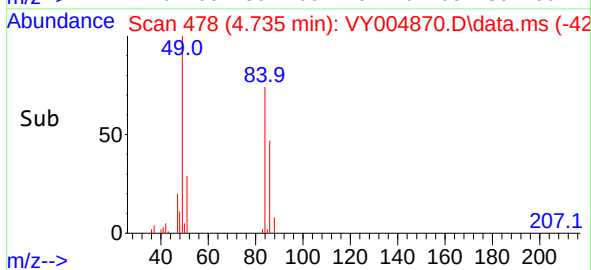
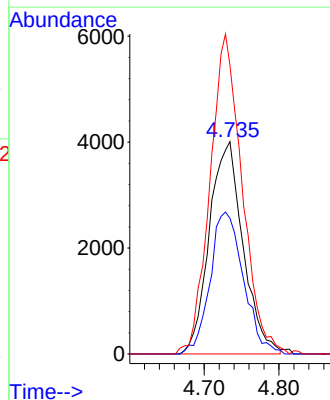
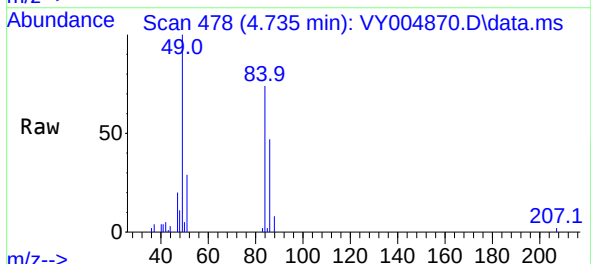
Manual Integrations
APPROVED

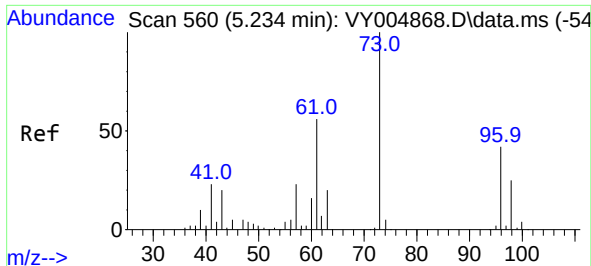
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#16
Methylene chloride
Concen: 2.56 ug/L
RT: 4.735 min Scan# 478
Delta R.T. 0.013 min
Lab File: VY004870.D
Acq: 25 May 2021 11:54

Tgt Ion: 84 Resp: 12570
Ion Ratio Lower Upper
84 100
86 63.9 43.2 80.2
49 135.9 96.0 178.4





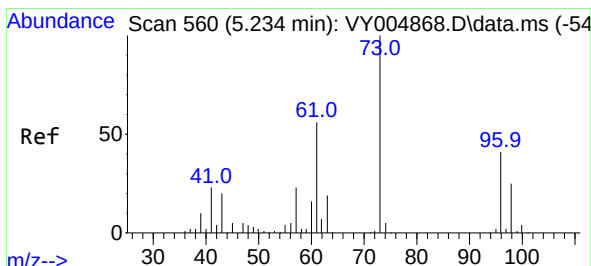
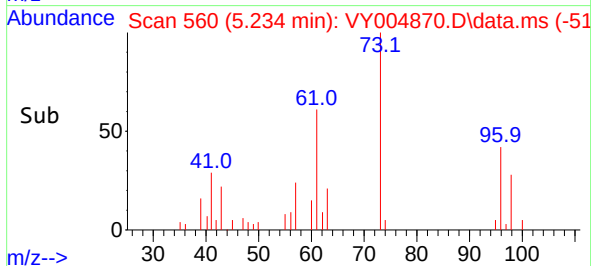
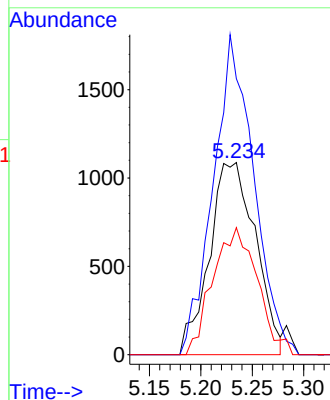
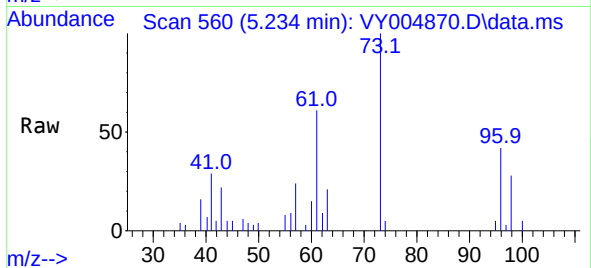
#17
trans-1,2-Dichloroethene
Concen: 0.88 ug/L
RT: 5.234 min Scan# 560
Delta R.T. -0.000 min
Lab File: VY004870.D
Acq: 25 May 2021 11:54

Tgt Ion:	96	Resp:	3397
Ion	Ratio	Lower	Upper
96	100		
61	143.6	97.6	181.2
98	66.1	44.8	83.2

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-QT3-2021-05

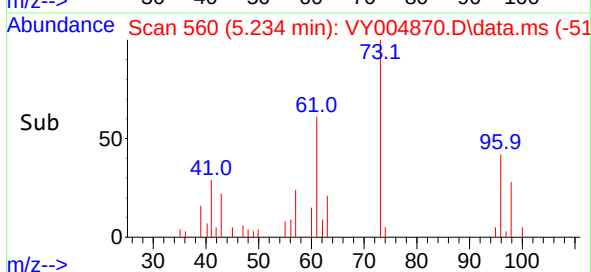
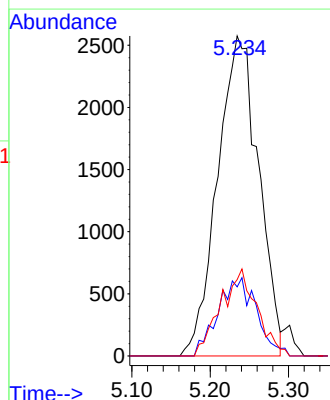
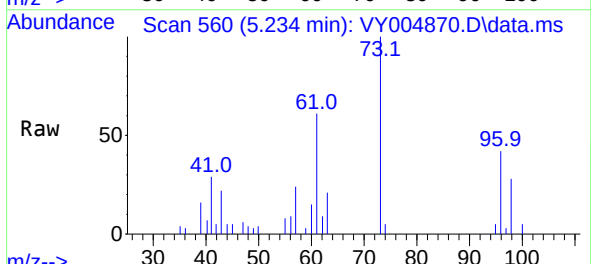
Manual Integrations
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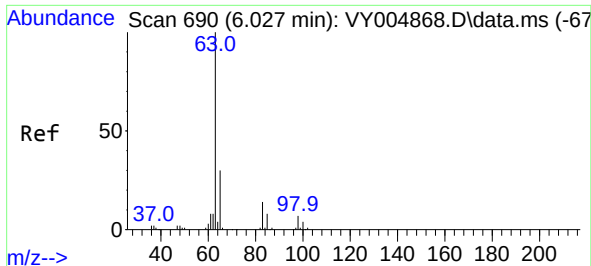
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#18
Methyl tert-butyl Ether
Concen: 0.85 ug/L
RT: 5.234 min Scan# 560
Delta R.T. -0.000 min
Lab File: VY004870.D
Acq: 25 May 2021 11:54

Tgt Ion:	73	Resp:	9375
Ion	Ratio	Lower	Upper
73	100		
43	16.5	16.8	25.2#
57	16.3	18.7	28.1#





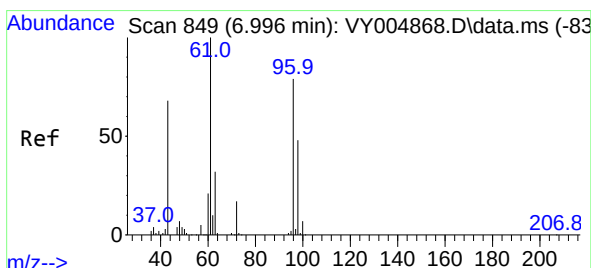
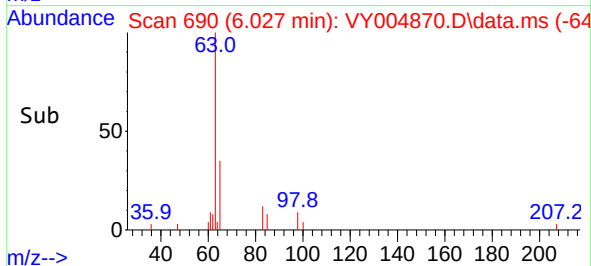
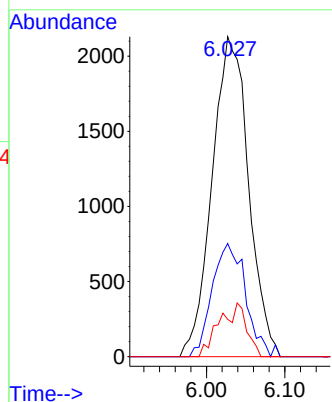
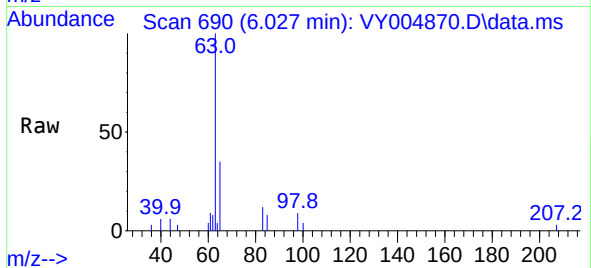
#19
1,1-Dichloroethane
Concen: 0.94 ug/L
RT: 6.027 min Scan# 690
Delta R.T. -0.000 min
Lab File: VY004870.D
Acq: 25 May 2021 11:54

Tgt Ion:	63	Resp:	6882
Ion	Ratio	Lower	Upper
63	100		
65	35.4	22.4	41.6
83	11.6	9.5	17.7

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-QT3-2021-05

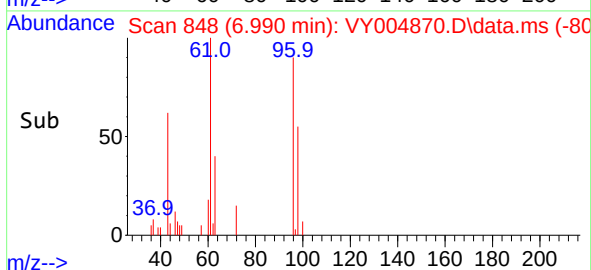
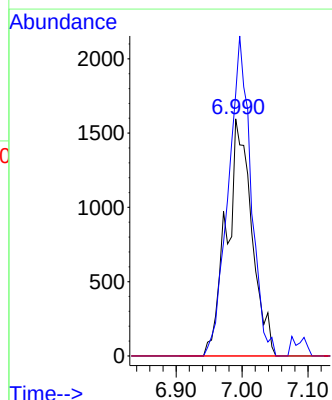
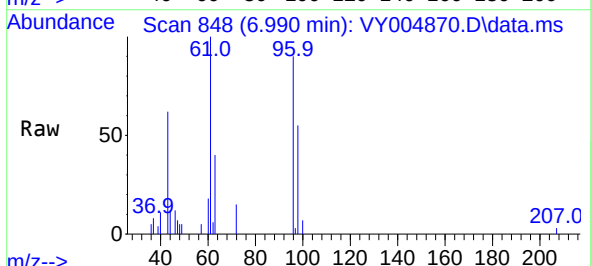
Manual Integrations
APPROVED

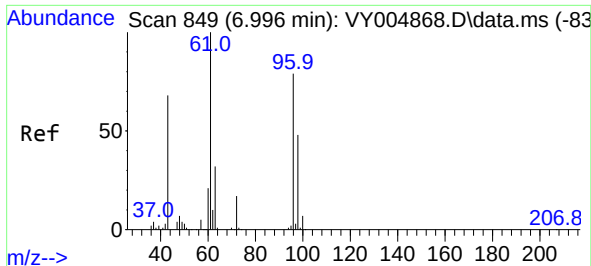
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#20
cis-1,2-Dichloroethene
Concen: 1.02 ug/L m
RT: 6.990 min Scan# 848
Delta R.T. -0.006 min
Lab File: VY004870.D
Acq: 25 May 2021 11:54

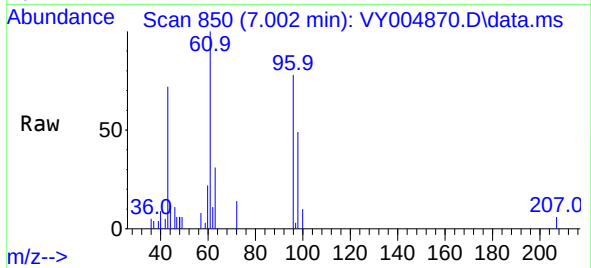
Tgt Ion:	96	Resp:	4232
Ion	Ratio	Lower	Upper
96	100		
61	110.6	94.8	176.2
68	0.0	0.0	0.0





#22
2-Butanone
Concen: 1.90 ug/L
RT: 7.002 min Scan# 850
Delta R.T. 0.006 min
Lab File: VY004870.D
Acq: 25 May 2021 11:54

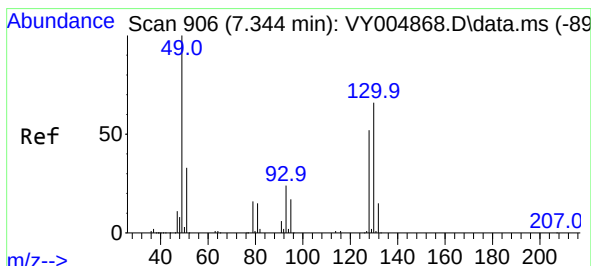
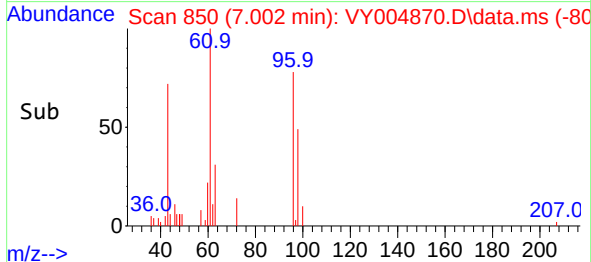
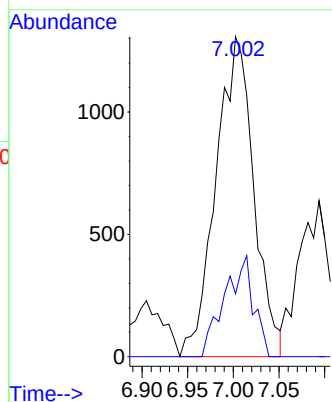
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-QT3-2021-05



Tgt Ion: 43 Resp: 3758
Ion Ratio Lower Upper
43 100
72 12.2 12.2 36.6#

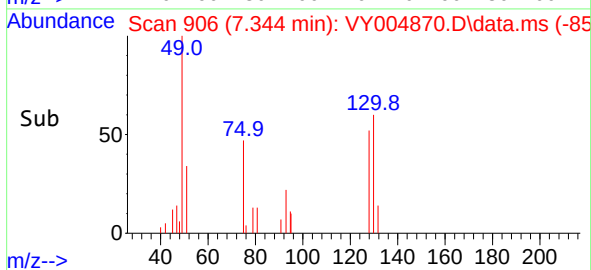
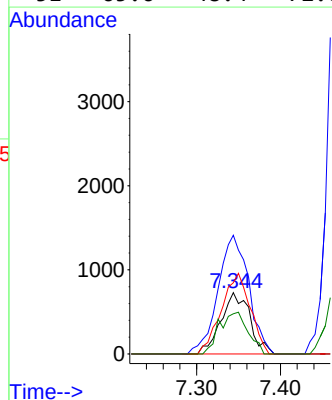
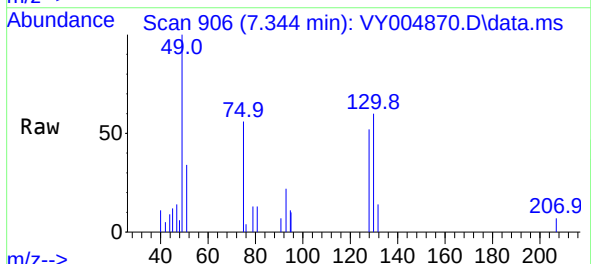
Manual Integrations
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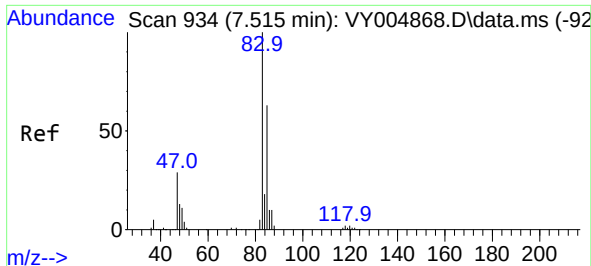
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#23
Bromochloromethane
Concen: 0.90 ug/L m
RT: 7.344 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY004870.D
Acq: 25 May 2021 11:54

Tgt Ion: 128 Resp: 1752
Ion Ratio Lower Upper
128 100
49 193.7 138.9 258.1
130 116.0 88.3 164.1
51 65.6 48.4 72.6





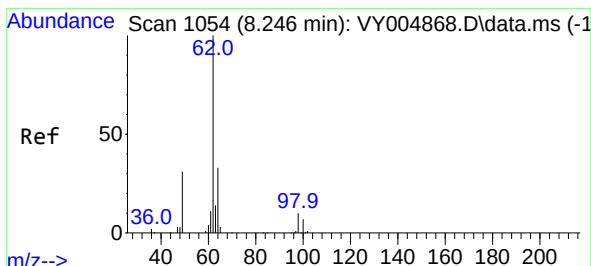
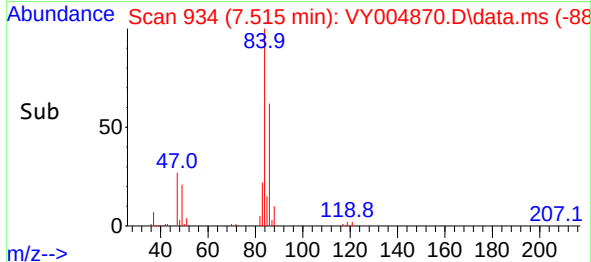
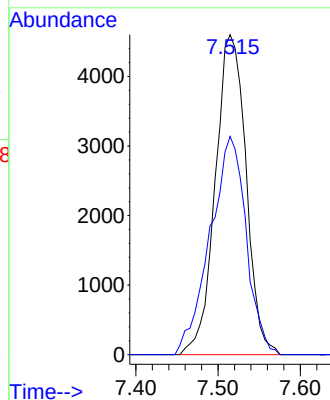
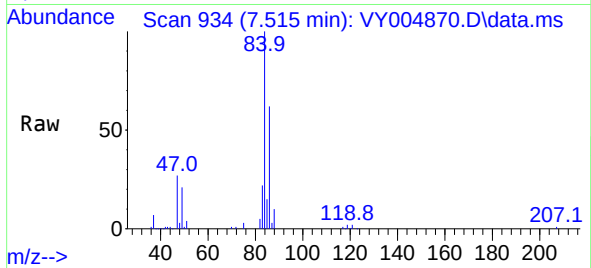
#25
Chloroform
Concen: 1.59 ug/L
RT: 7.515 min Scan# 934
Delta R.T. -0.000 min
Lab File: VY004870.D
Acq: 25 May 2021 11:54

Tgt Ion: 83 Resp: 11936
Ion Ratio Lower Upper
83 100
85 68.2 45.4 84.4

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-QT3-2021-05

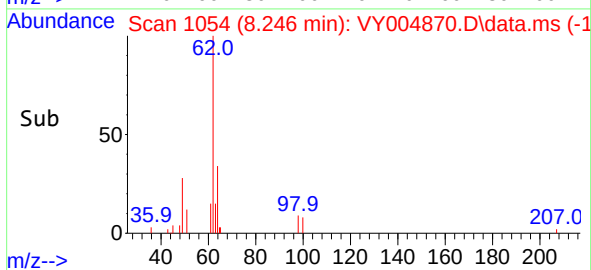
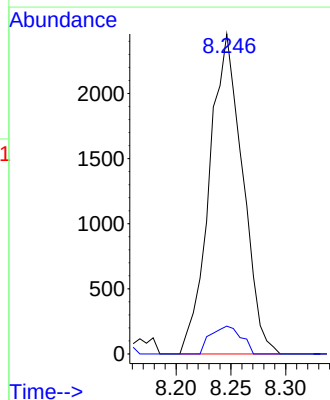
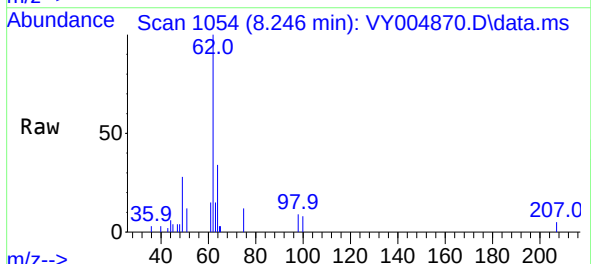
Manual Integrations
APPROVED

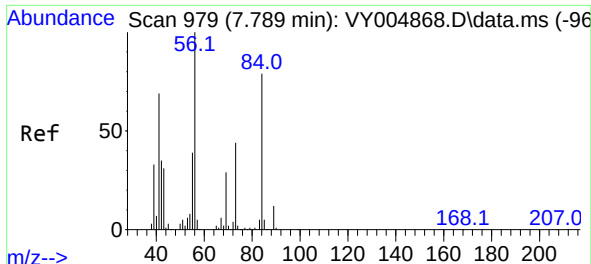
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#27
1,2-Dichloroethane
Concen: 1.00 ug/L
RT: 8.246 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VY004870.D
Acq: 25 May 2021 11:54

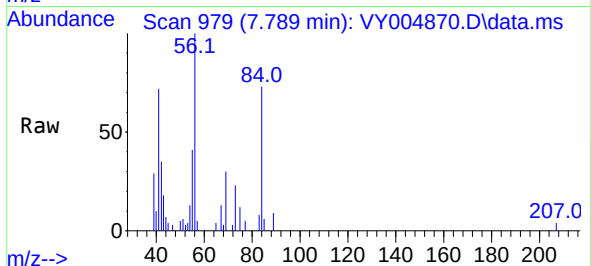
Tgt Ion: 62 Resp: 5185
Ion Ratio Lower Upper
62 100
98 8.7 7.5 11.3





#29
Cyclohexane
Concen: 0.80 ug/L
RT: 7.789 min Scan# 979
Delta R.T. -0.000 min
Lab File: VY004870.D
Acq: 25 May 2021 11:54

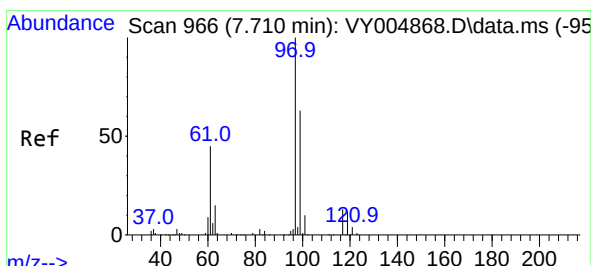
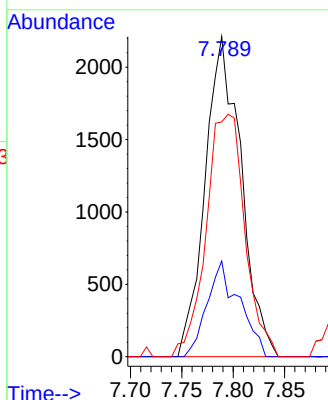
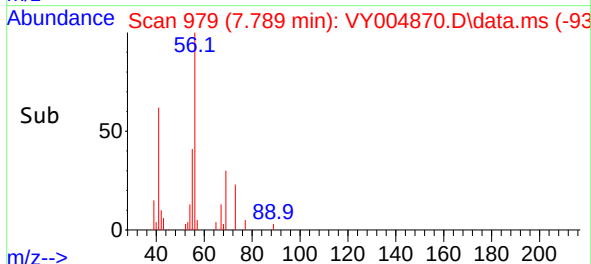
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-QT3-2021-05



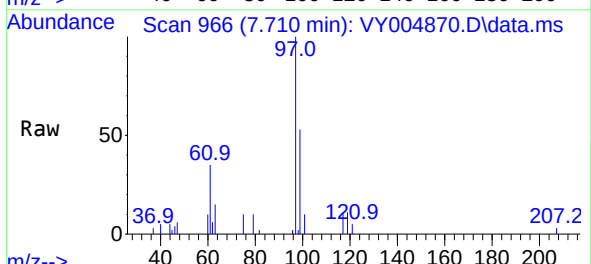
Tgt Ion	Ratio	Lower	Upper
56	100		
69	17.0	22.6	33.8#
84	8.7	66.1	99.1#

Manual Integrations
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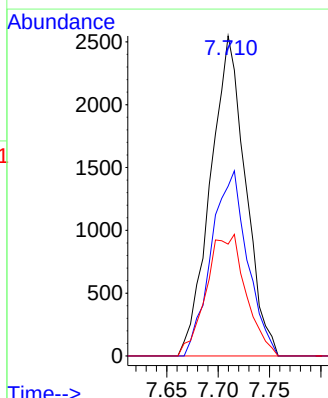
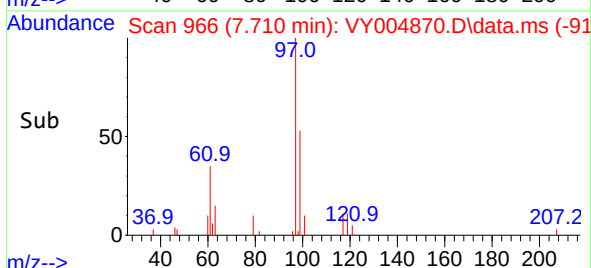
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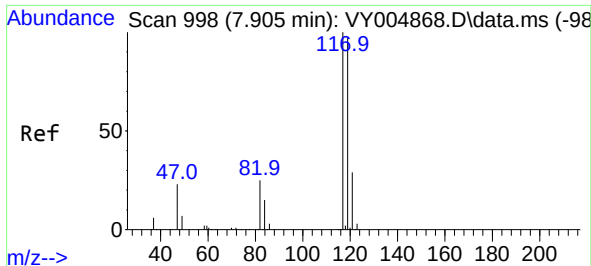


#30
1,1,1-Trichloroethane
Concen: 0.99 ug/L
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY004870.D
Acq: 25 May 2021 11:54



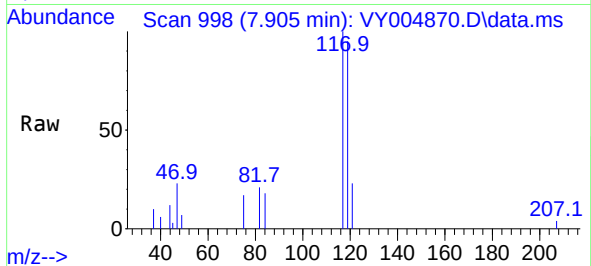
Tgt Ion	Ratio	Lower	Upper
97	100		
99	59.7	51.8	77.6
61	25.7	37.3	55.9#





#31
Carbon tetrachloride
Concen: 0.78 ug/L
RT: 7.905 min Scan# 998
Delta R.T. -0.000 min
Lab File: VY004870.D
Acq: 25 May 2021 11:54

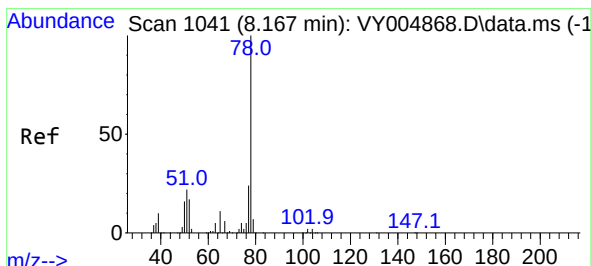
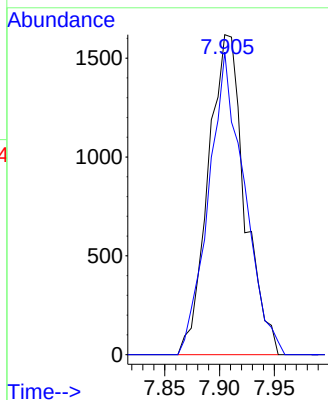
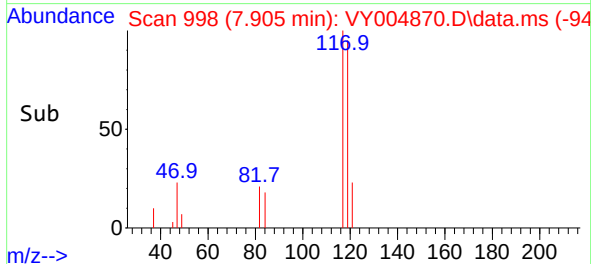
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-QT3-2021-05



Tgt Ion: 117 Resp: 3736
Ion Ratio Lower Upper
117 100
119 92.6 76.2 114.2

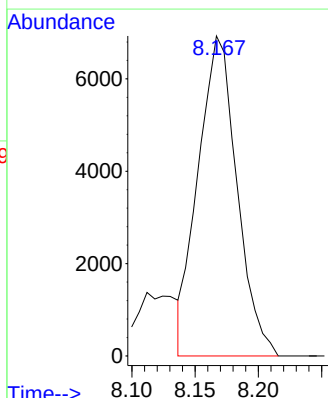
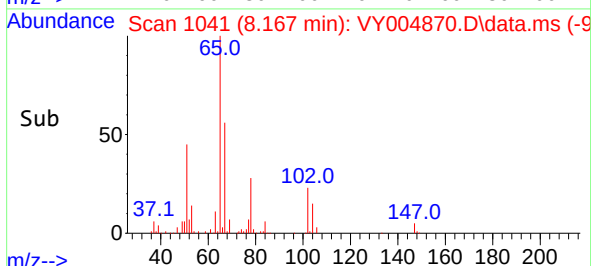
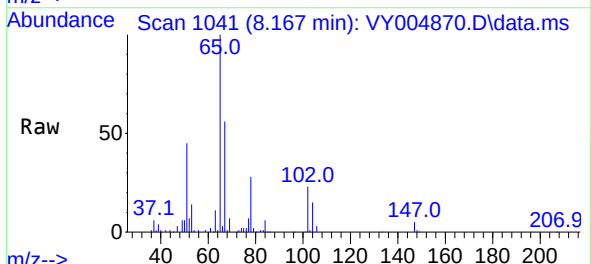
Manual Integrations
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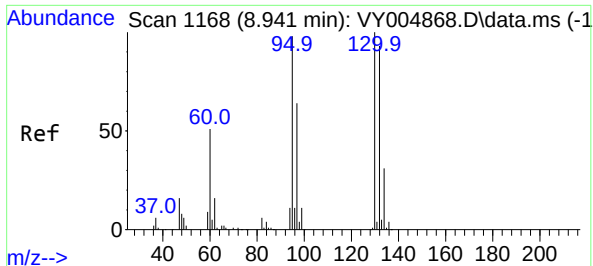
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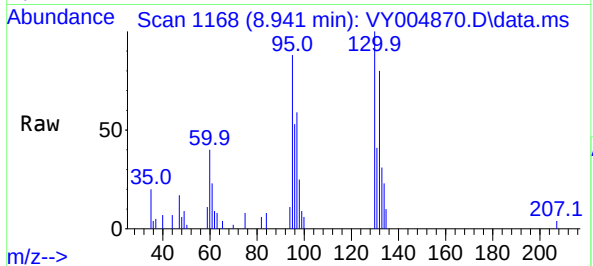
#33
Benzene
Concen: 0.93 ug/L
RT: 8.167 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VY004870.D
Acq: 25 May 2021 11:54

Tgt Ion: 78 Resp: 14768



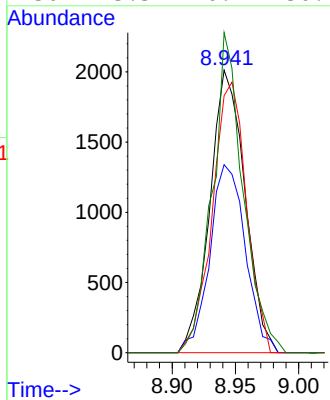


#34
Trichloroethene
Concen: 0.97 ug/L
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY004870.D
Acq: 25 May 2021 11:54



Tgt Ion: 95 Resp: 3883

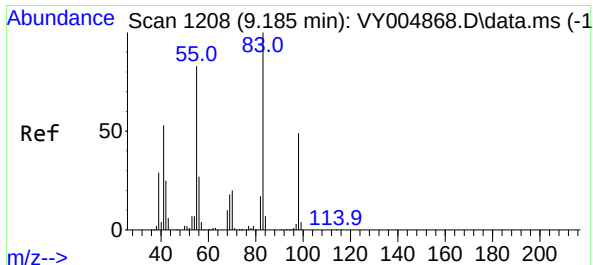
Ion	Ratio	Lower	Upper
95	100		
97	66.6	44.2	82.2
132	91.0	66.8	124.0
130	113.3	70.1	130.1



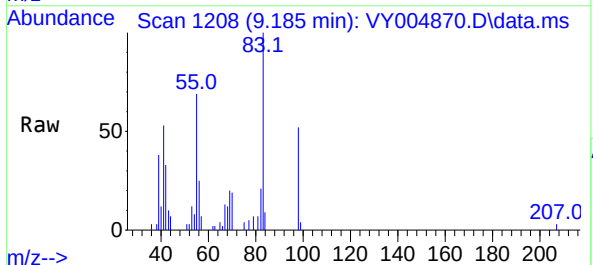
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-QT3-2021-05

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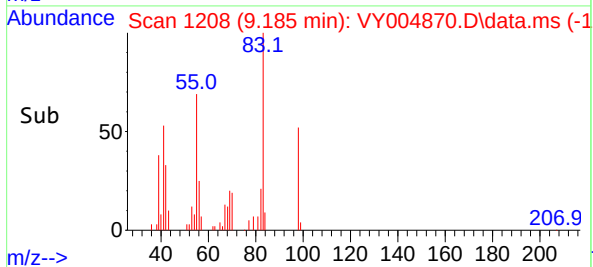
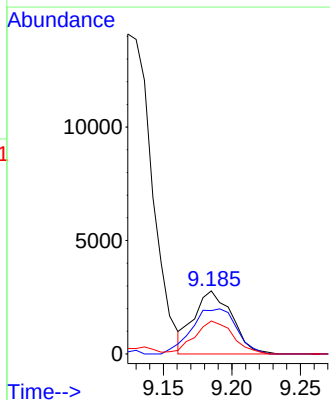


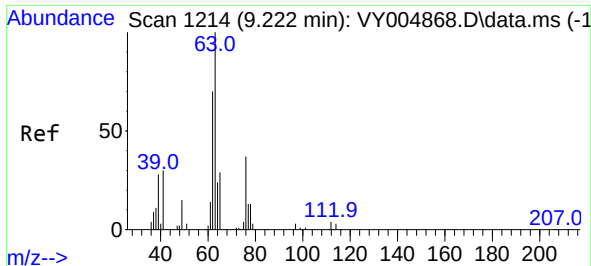
#35
Methylcyclohexane
Concen: 0.79 ug/L
RT: 9.185 min Scan# 1208
Delta R.T. -0.000 min
Lab File: VY004870.D
Acq: 25 May 2021 11:54



Tgt Ion: 83 Resp: 5367

Ion	Ratio	Lower	Upper
83	100		
55	44.6	63.9	95.9#
98	52.9	38.7	58.1





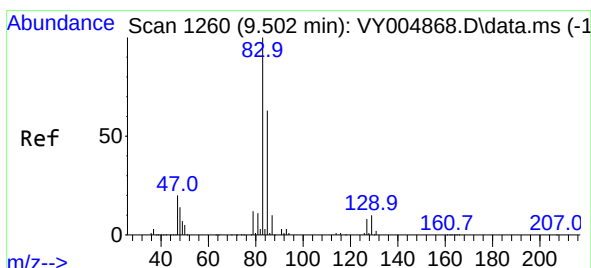
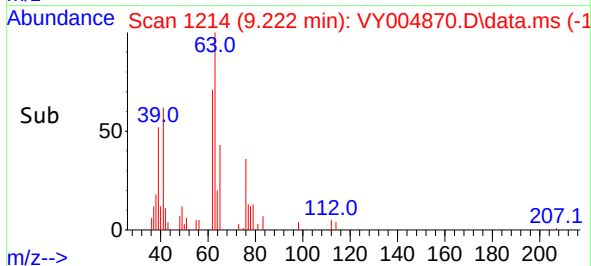
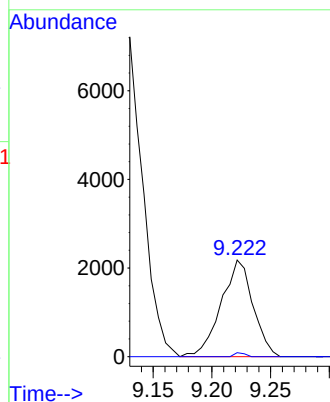
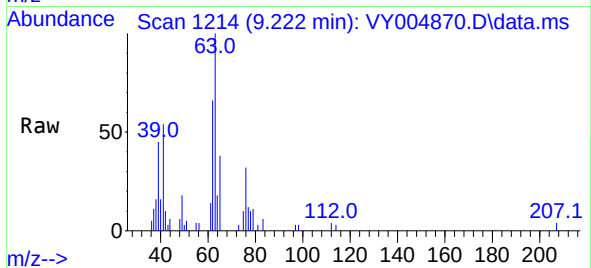
#37
1,2-Dichloropropane
Concen: 0.97 ug/L
RT: 9.222 min Scan# 1214
Delta R.T. -0.000 min
Lab File: VY004870.D
Acq: 25 May 2021 11:54

Tgt Ion: 63 Resp: 4111
Ion Ratio Lower Upper
63 100
112 1.4 3.1 4.7#

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-QT3-2021-05

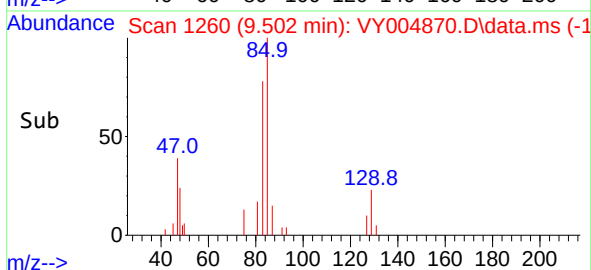
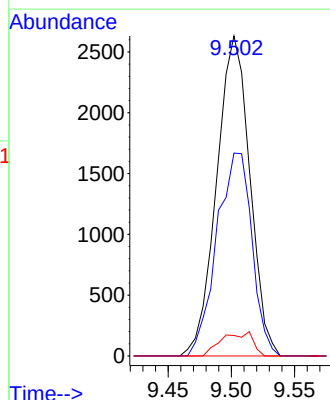
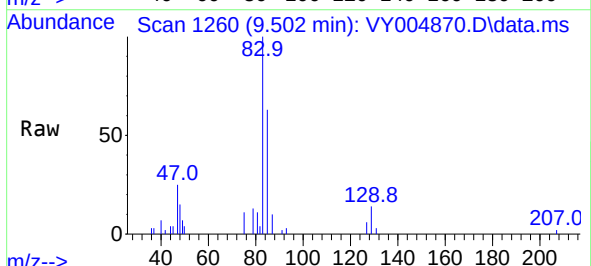
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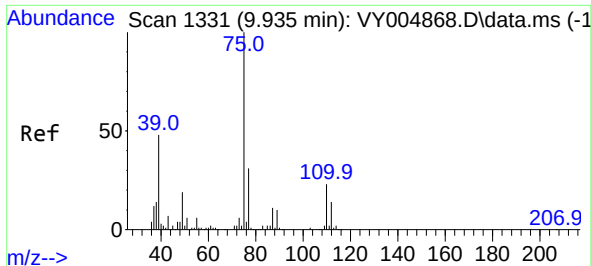
MMDadoda
5/27/2021 10:28:36 AM



#38
Bromodichloromethane
Concen: 0.92 ug/L
RT: 9.502 min Scan# 1260
Delta R.T. -0.000 min
Lab File: VY004870.D
Acq: 25 May 2021 11:54

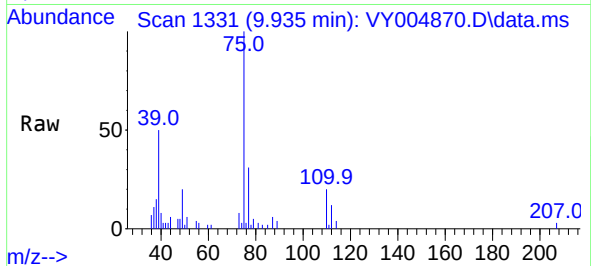
Tgt Ion: 83 Resp: 4809
Ion Ratio Lower Upper
83 100
85 63.4 44.1 81.9
127 6.4 6.9 10.3#





#39
cis-1,3-Dichloropropene
Concen: 0.91 ug/L
RT: 9.935 min Scan# 1331
Delta R.T. -0.000 min
Lab File: VY004870.D
Acq: 25 May 2021 11:54

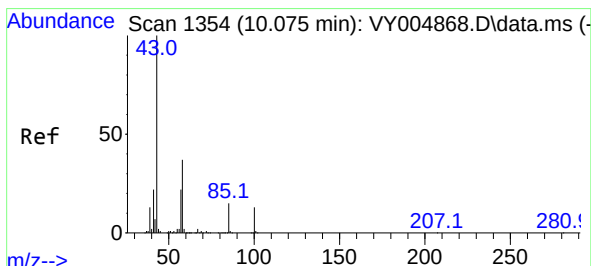
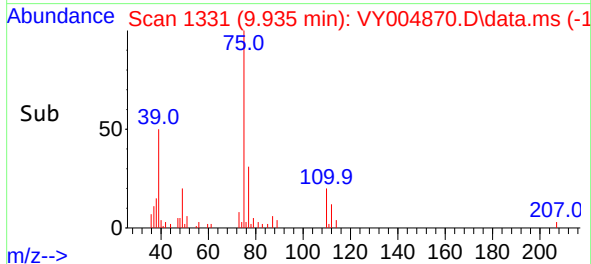
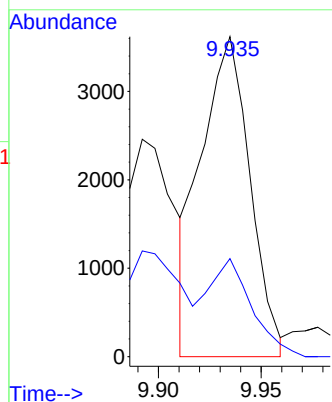
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-QT3-2021-05



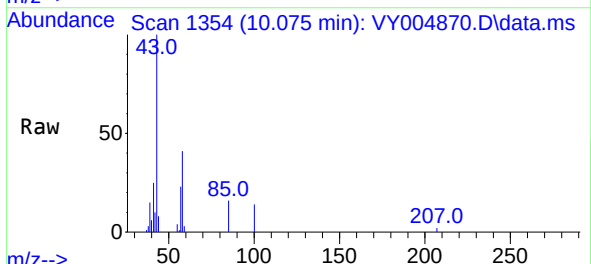
Tgt Ion: 75 Resp: 5969
Ion Ratio Lower Upper
75 100
77 30.6 22.3 41.3

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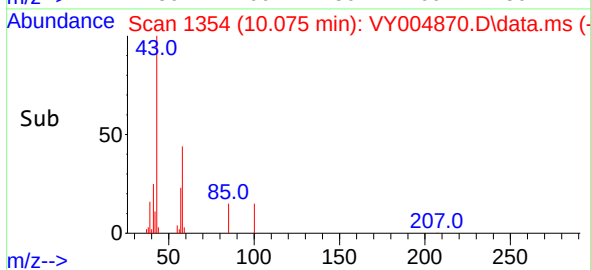
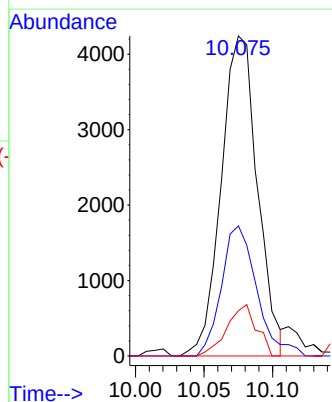
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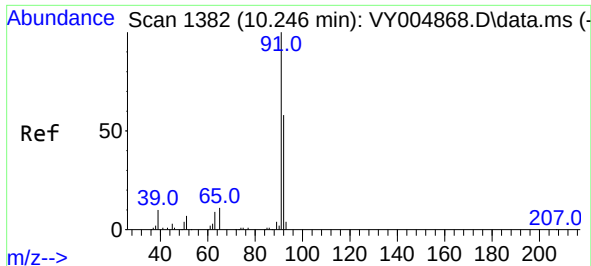


#40
4-Methyl-2-pentanone
Concen: 1.73 ug/L
RT: 10.075 min Scan# 1354
Delta R.T. -0.000 min
Lab File: VY004870.D
Acq: 25 May 2021 11:54



Tgt Ion: 43 Resp: 7819
Ion Ratio Lower Upper
43 100
58 39.5 28.5 42.7
100 13.1 10.4 15.6





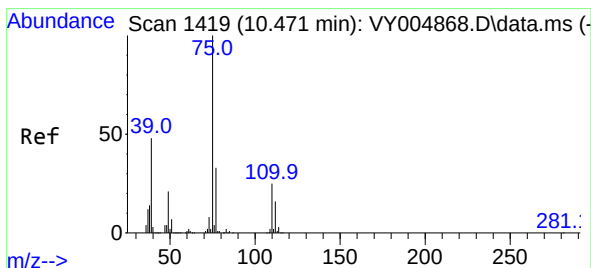
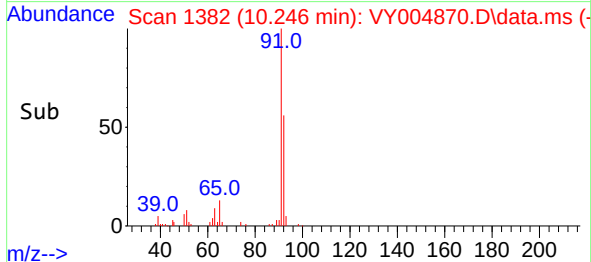
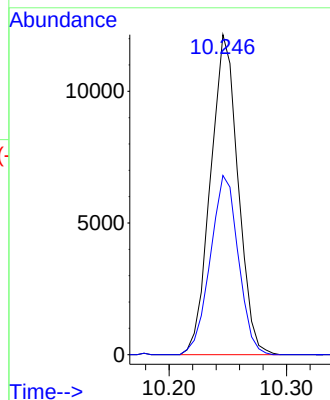
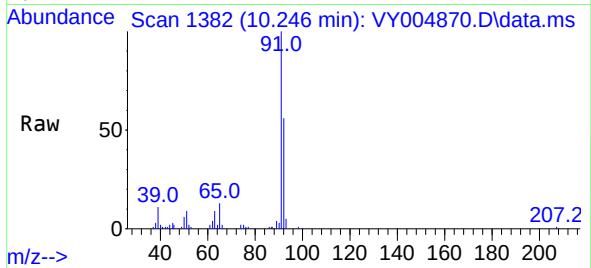
#42
Toluene
Concen: 1.18 ug/L
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY004870.D
Acq: 25 May 2021 11:54

Tgt Ion: 91 Resp: 19802
Ion Ratio Lower Upper
91 100
92 56.0 40.5 75.1

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-QT3-2021-05

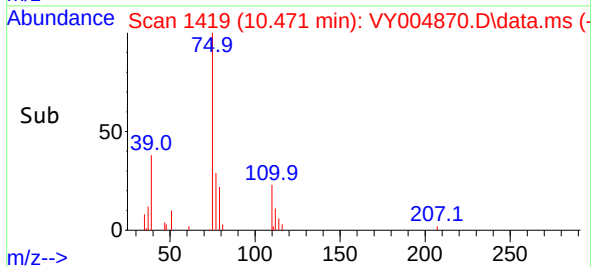
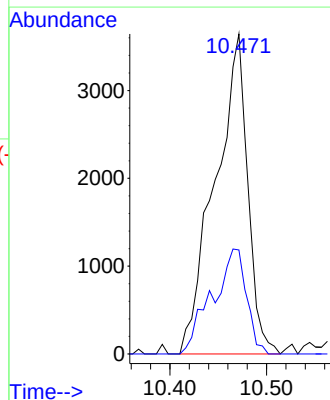
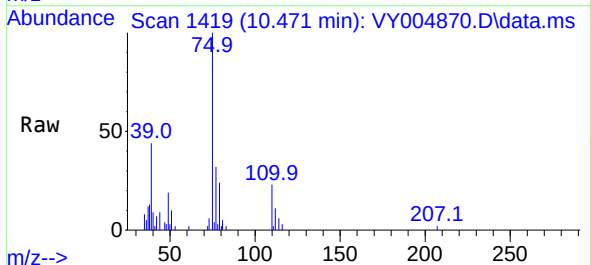
Manual Integrations
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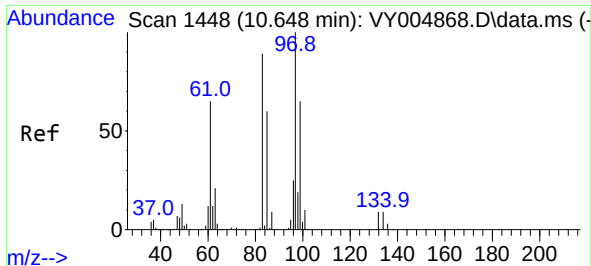
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#44
trans-1,3-Dichloropropene
Concen: 1.39 ug/L
RT: 10.471 min Scan# 1419
Delta R.T. -0.000 min
Lab File: VY004870.D
Acq: 25 May 2021 11:54

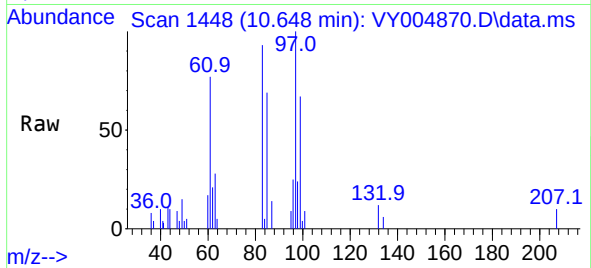
Tgt Ion: 75 Resp: 8542
Ion Ratio Lower Upper
75 100
77 32.5 21.8 40.4





#45
1,1,2-Trichloroethane
Concen: 0.90 ug/L
RT: 10.648 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VY004870.D
Acq: 25 May 2021 11:54

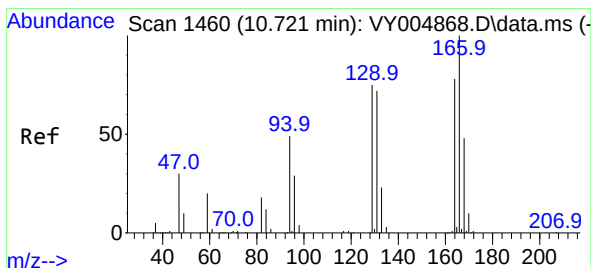
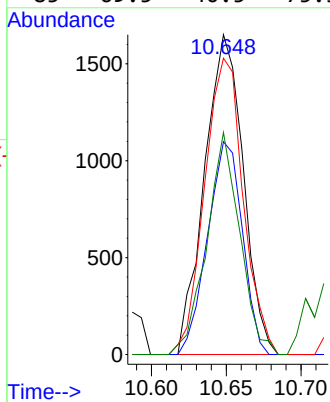
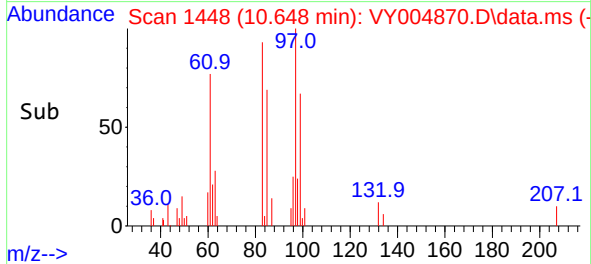
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-QT3-2021-05



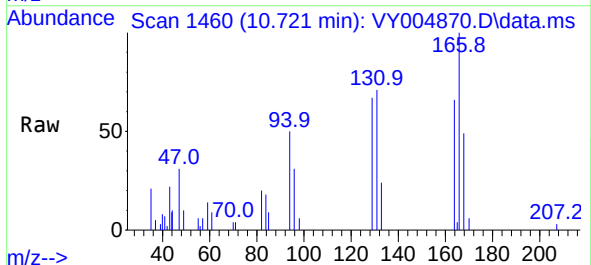
Tgt Ion:	97	Resp:	2972
Ion	Ratio	Lower	Upper
97	100		
99	66.5	44.2	82.0
83	92.7	61.1	113.5
85	69.5	40.5	75.3

Manual Integrations
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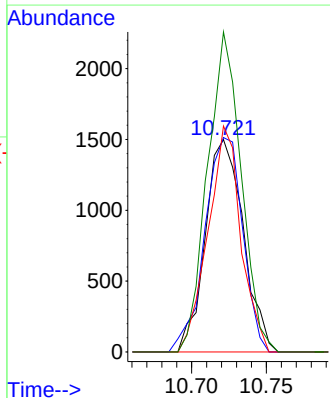
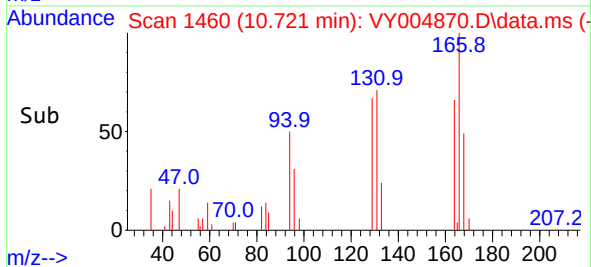
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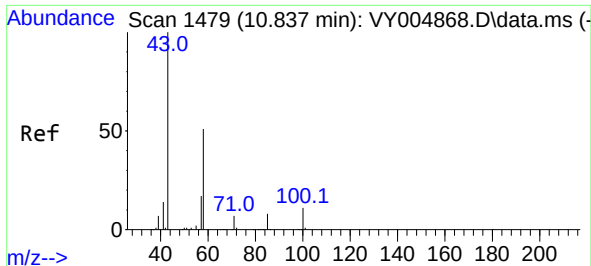


#46
Tetrachloroethene
Concen: 0.87 ug/L
RT: 10.721 min Scan# 1460
Delta R.T. -0.000 min
Lab File: VY004870.D
Acq: 25 May 2021 11:54

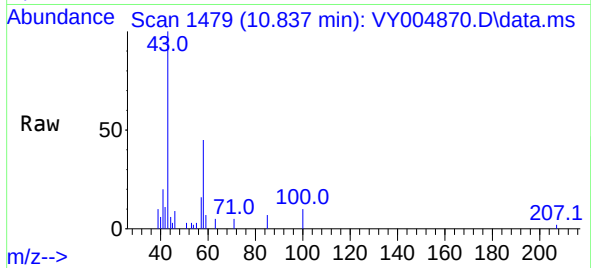


Tgt Ion:	164	Resp:	2652
Ion	Ratio	Lower	Upper
164	100		
129	100.9	65.9	122.3
131	106.4	61.9	115.1
166	150.7	85.3	158.3



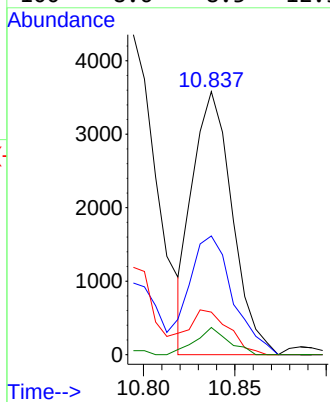


#48
2-Hexanone
Concen: 1.77 ug/L
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY004870.D
Acq: 25 May 2021 11:54



Tgt Ion: 43 Resp: 5423

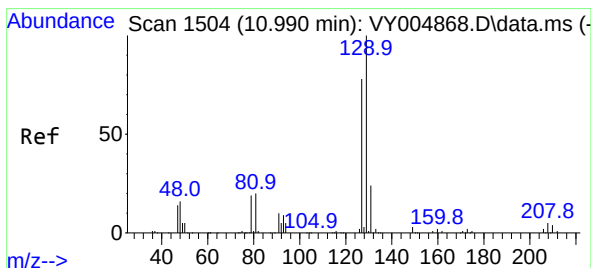
Ion	Ratio	Lower	Upper
43	100		
58	50.3	41.1	61.7
57	18.3	13.8	20.6
100	8.6	8.3	12.5



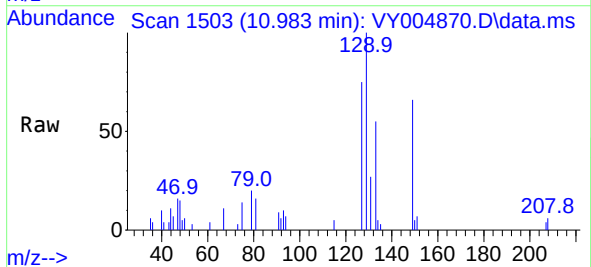
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-QT3-2021-05

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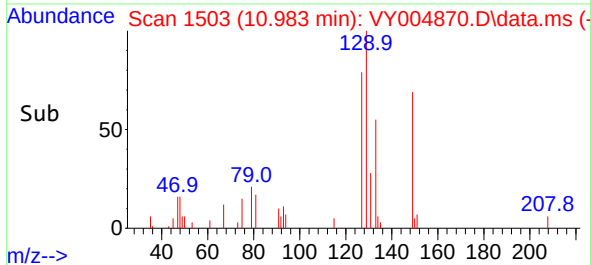
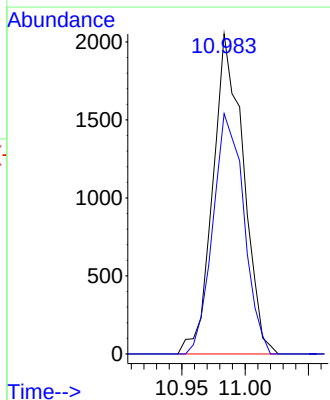


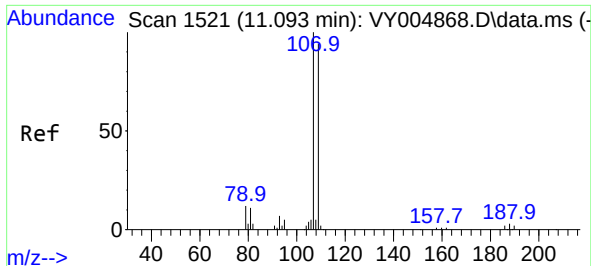
#49
Dibromochloromethane
Concen: 0.92 ug/L
RT: 10.983 min Scan# 1503
Delta R.T. -0.006 min
Lab File: VY004870.D
Acq: 25 May 2021 11:54



Tgt Ion: 129 Resp: 3432

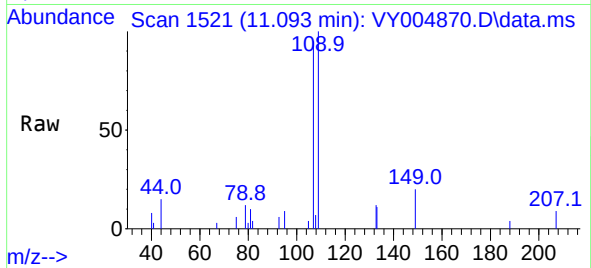
Ion	Ratio	Lower	Upper
129	100		
127	75.1	52.8	98.0





#50
1,2-Dibromoethane
Concen: 0.92 ug/L
RT: 11.093 min Scan# 1521
Delta R.T. -0.000 min
Lab File: VY004870.D
Acq: 25 May 2021 11:54

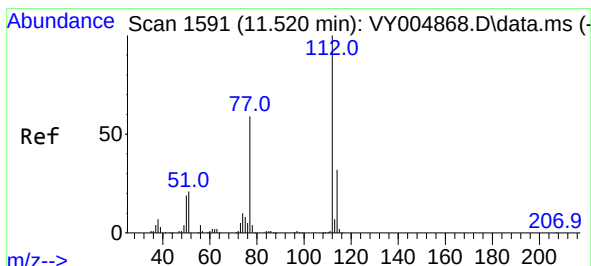
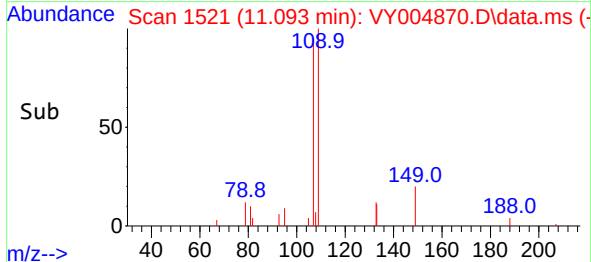
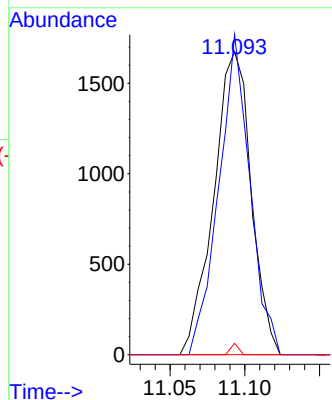
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-QT3-2021-05



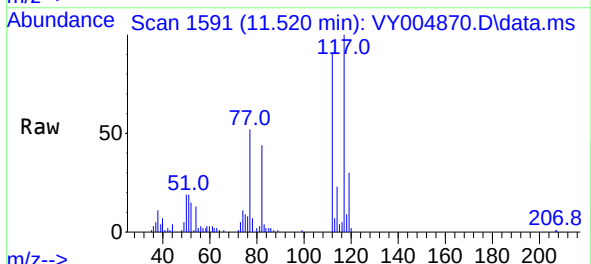
Tgt Ion:	107	Resp:	2919
Ion	Ratio	Lower	Upper
107	100		
109	105.7	65.7	121.9
188	3.8	2.8	4.2

Manual Integrations
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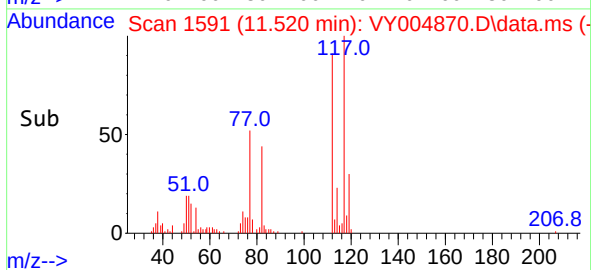
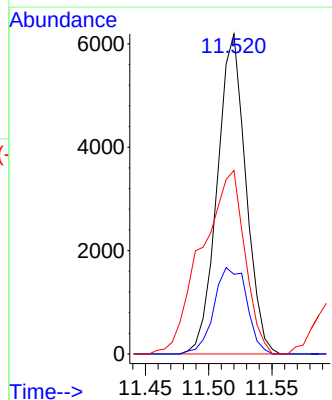
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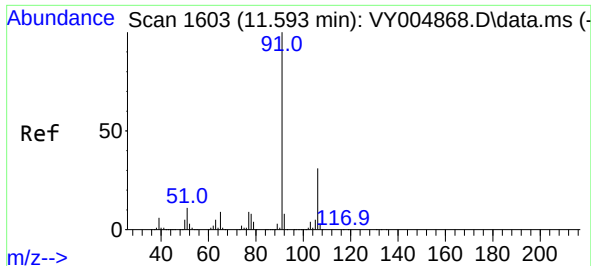


#51
Chlorobenzene
Concen: 0.93 ug/L
RT: 11.520 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY004870.D
Acq: 25 May 2021 11:54



Tgt Ion:	112	Resp:	9714
Ion	Ratio	Lower	Upper
112	100		
114	24.9	22.3	41.5
77	57.3	46.5	69.7





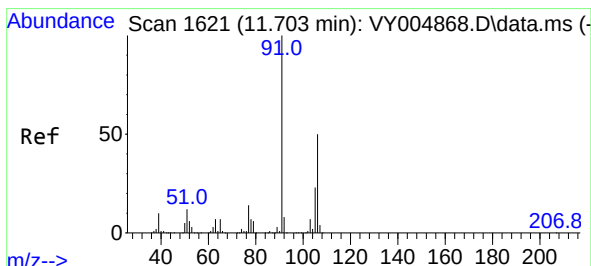
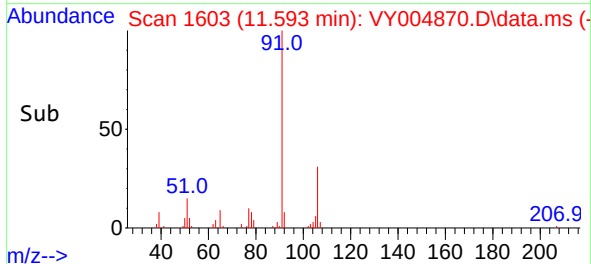
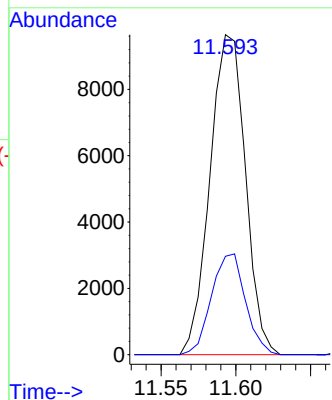
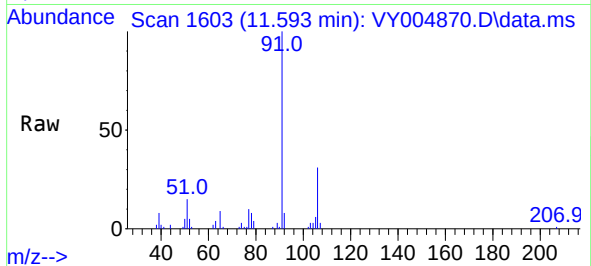
#52
Ethylbenzene
Concen: 0.88 ug/L
RT: 11.593 min Scan# 1603
Delta R.T. -0.000 min
Lab File: VY004870.D
Acq: 25 May 2021 11:54

Tgt Ion: 91 Resp: 15915
Ion Ratio Lower Upper
91 100
106 30.8 21.2 39.4

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-QT3-2021-05

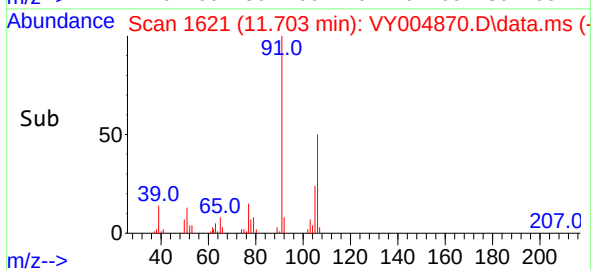
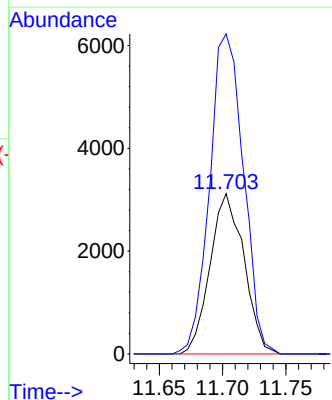
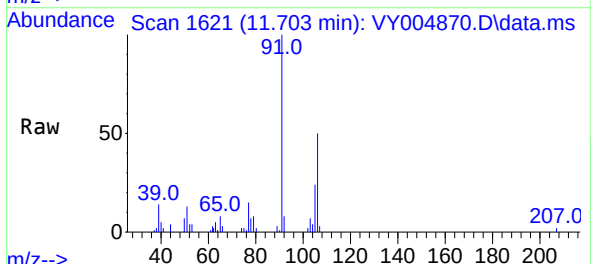
Manual Integrations
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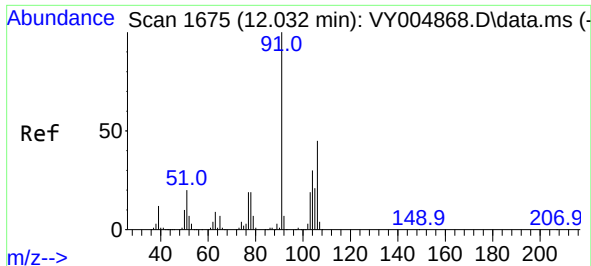
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#53
m,p-Xylene
Concen: 0.86 ug/L
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY004870.D
Acq: 25 May 2021 11:54

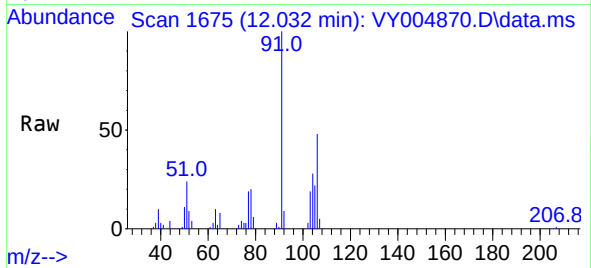
Tgt Ion: 106 Resp: 5810
Ion Ratio Lower Upper
106 100
91 199.7 145.7 270.5





#54
o-Xylene
Concen: 0.82 ug/L
RT: 12.032 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VY004870.D
Acq: 25 May 2021 11:54

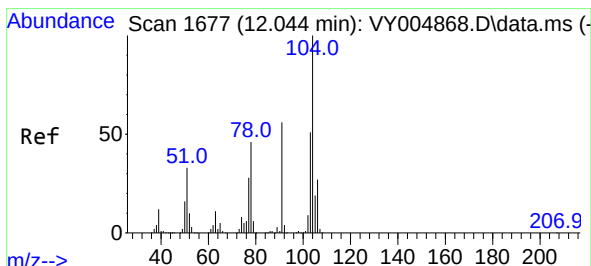
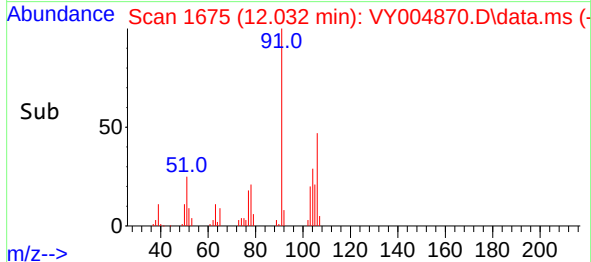
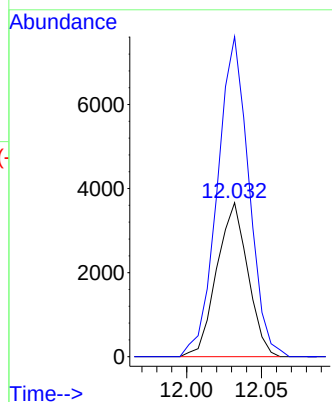
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-QT3-2021-05



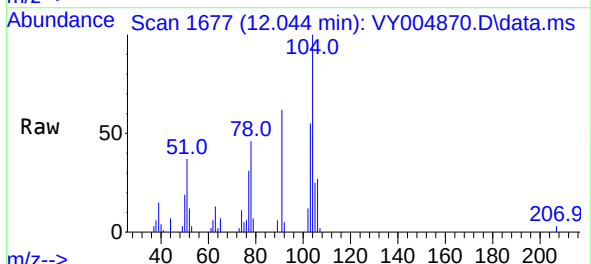
Tgt Ion:106 Resp: 5294
Ion Ratio Lower Upper
106 100
91 207.9 150.6 279.6

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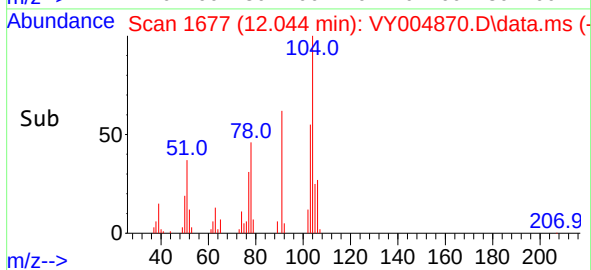
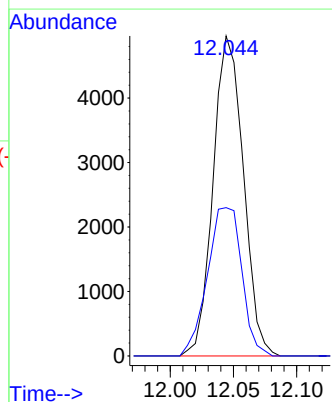
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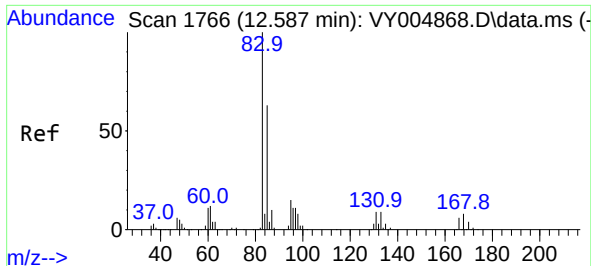


#55
Styrene
Concen: 0.75 ug/L
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY004870.D
Acq: 25 May 2021 11:54



Tgt Ion:104 Resp: 8260
Ion Ratio Lower Upper
104 100
78 46.4 31.8 59.0





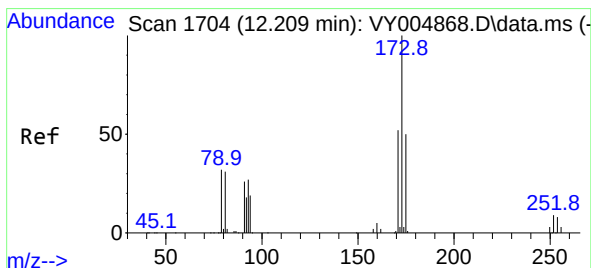
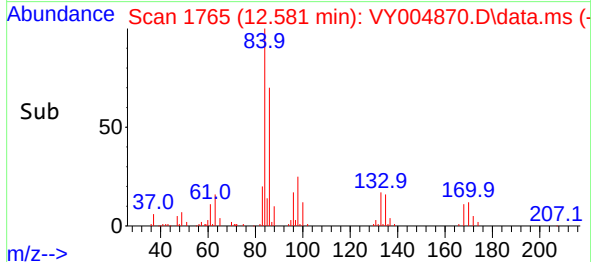
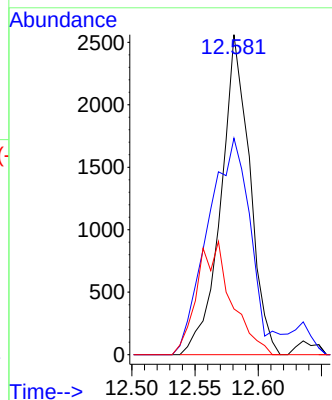
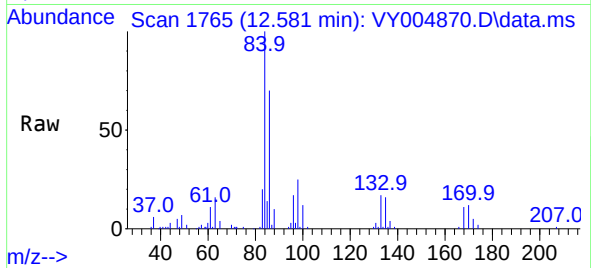
#57
1,1,2,2-Tetrachloroethane
Concen: 1.01 ug/L
RT: 12.581 min Scan# 1765
Delta R.T. -0.006 min
Lab File: VY004870.D
Acq: 25 May 2021 11:54

Tgt Ion:	83	Resp:	4062
Ion Ratio	Lower	Upper	
83	100		
85	67.7	45.0	83.6
131	14.3	6.9	10.3#

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-QT3-2021-05

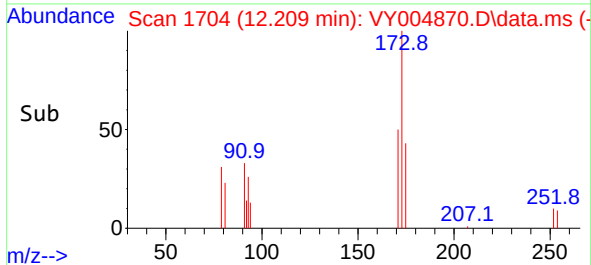
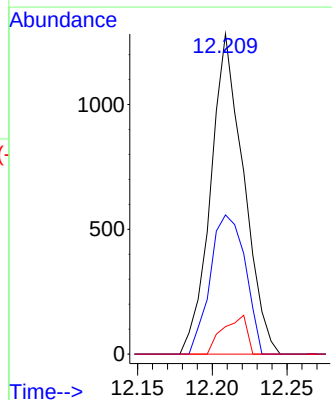
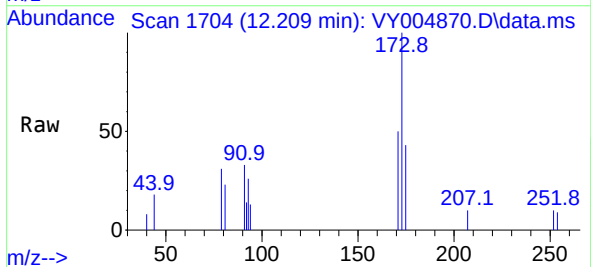
Manual Integrations
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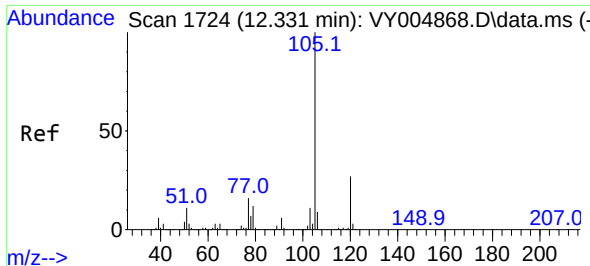
MMDadoda
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#59
Bromoform
Concen: 0.86 ug/L
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY004870.D
Acq: 25 May 2021 11:54

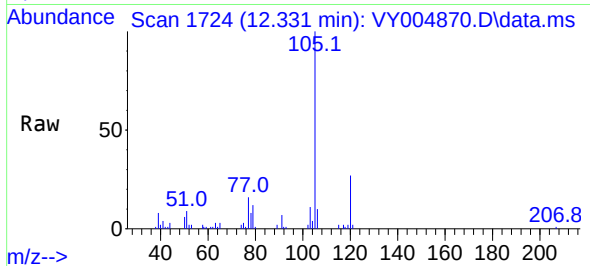
Tgt Ion:	173	Resp:	1966
Ion Ratio	Lower	Upper	
173	100		
175	46.2	38.8	58.2
254	8.7	7.3	10.9





#60
Isopropylbenzene
Concen: 0.78 ug/L
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY004870.D
Acq: 25 May 2021 11:54

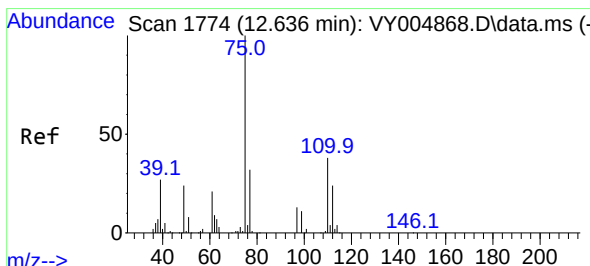
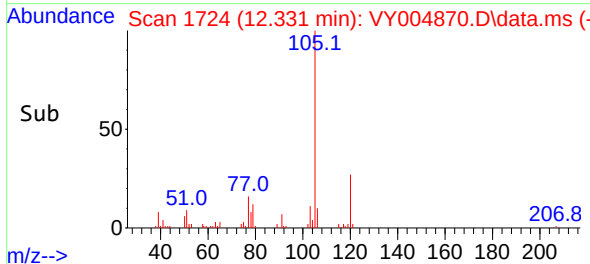
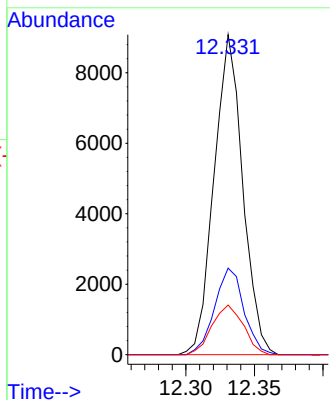
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Tgt Ion:	105	Resp:	13209
Ion Ratio	Lower	Upper	
105	100		
120	27.7	21.0	31.6
77	17.0	12.7	19.1

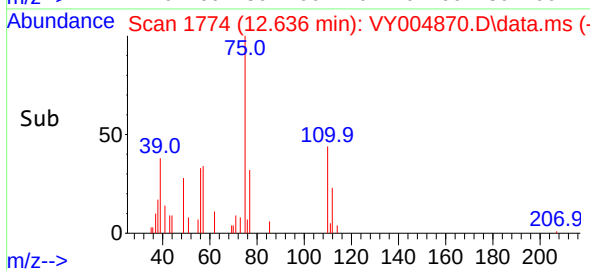
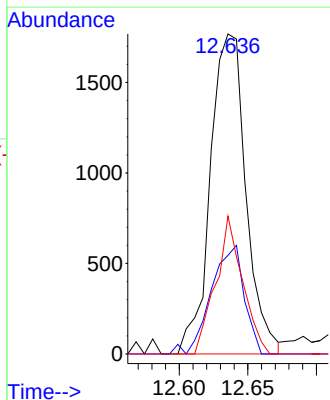
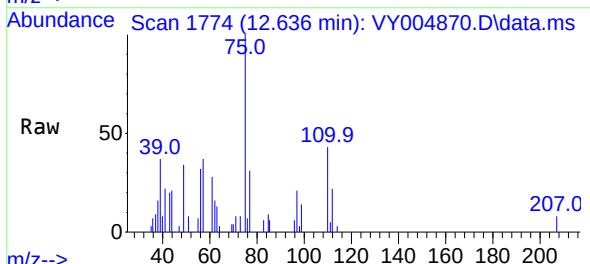
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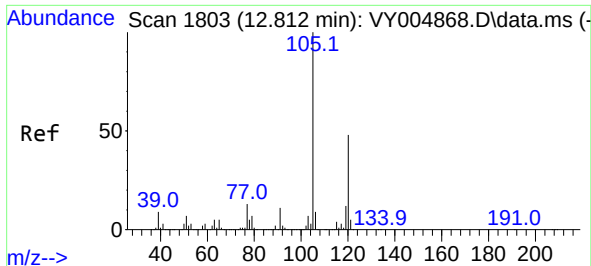
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#61
1,2,3-Trichloropropane
Concen: 0.98 ug/L
RT: 12.636 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY004870.D
Acq: 25 May 2021 11:54

Tgt Ion:	75	Resp:	3196
Ion Ratio	Lower	Upper	
75	100		
77	30.8	25.7	38.5
110	32.4	30.8	46.2





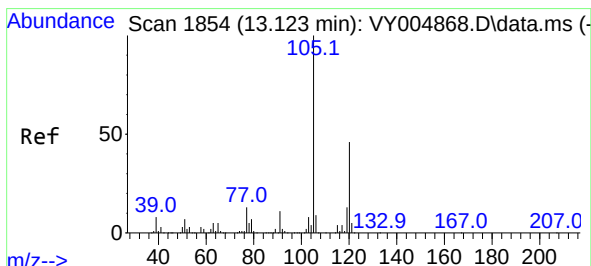
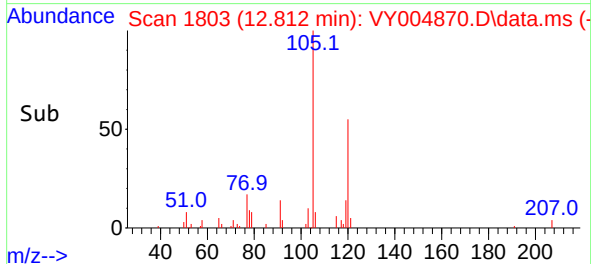
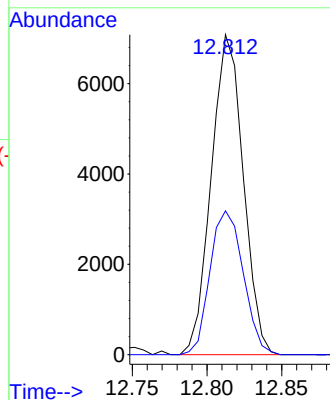
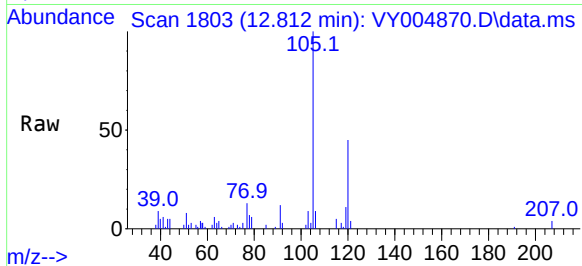
#62
1,3,5-Trimethylbenzene
Concen: 0.78 ug/L
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY004870.D
Acq: 25 May 2021 11:54

Tgt Ion:105 Resp: 10554
Ion Ratio Lower Upper
105 100
120 46.6 38.3 57.5

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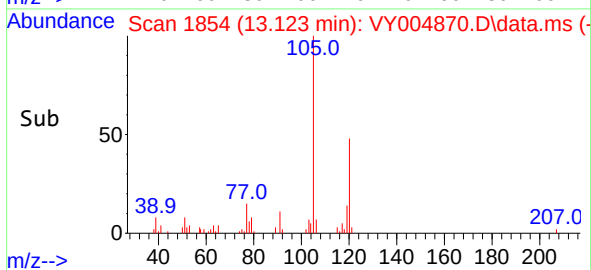
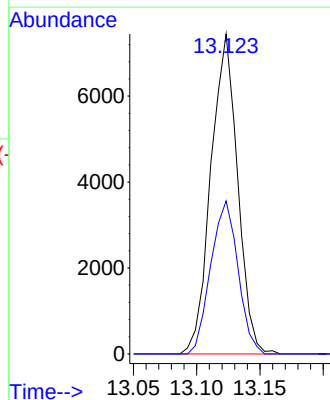
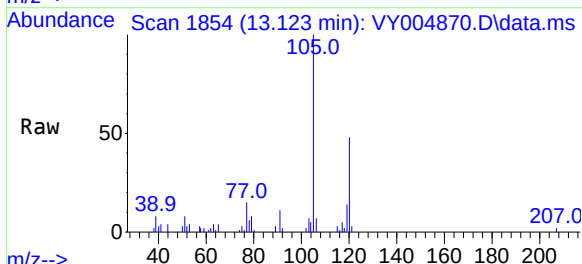
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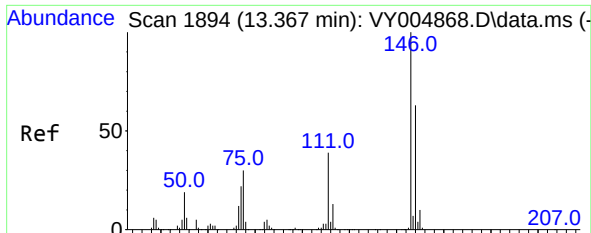
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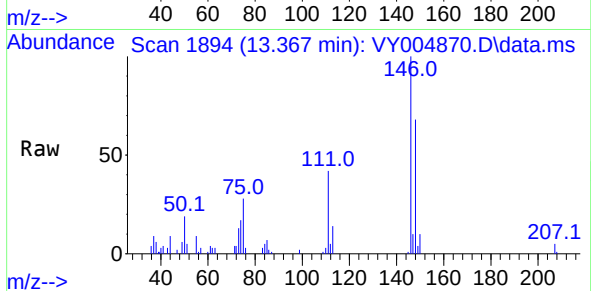
#63
1,2,4-Trimethylbenzene
Concen: 0.81 ug/L
RT: 13.123 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VY004870.D
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Tgt Ion:105 Resp: 10928
Ion Ratio Lower Upper
105 100
120 48.7 36.2 54.4

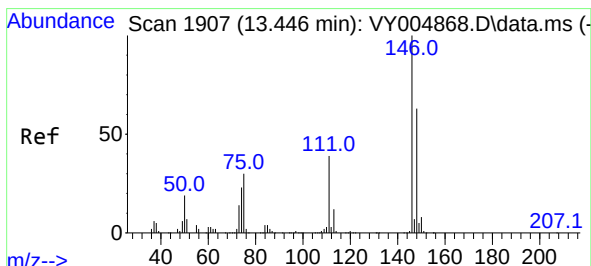
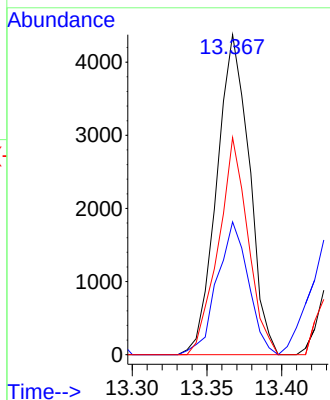
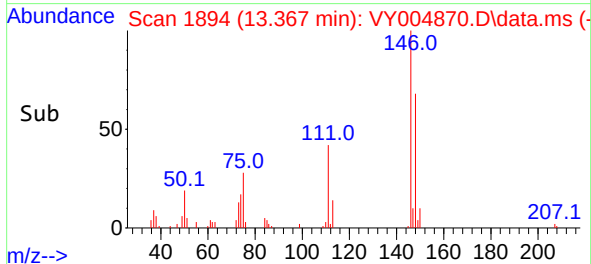




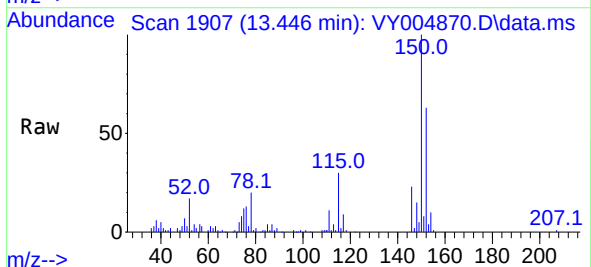
#64
1,3-Dichlorobenzene
Concen: 0.92 ug/L
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY004870.D
Acq: 25 May 2021 11:54



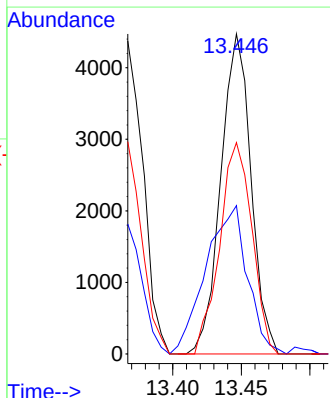
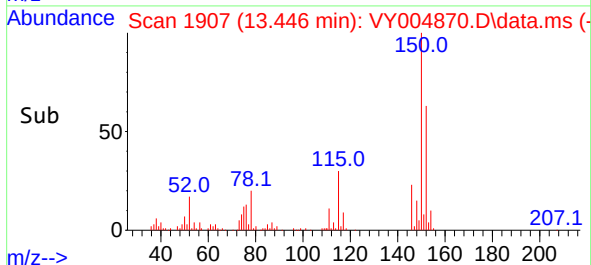
Tgt Ion:146 Resp: 6606
Ion Ratio Lower Upper
146 100
111 41.5 27.4 51.0
148 67.9 45.1 83.7



#65
1,4-Dichlorobenzene
Concen: 0.94 ug/L
RT: 13.446 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY004870.D
Acq: 25 May 2021 11:54



Tgt Ion:146 Resp: 6848
Ion Ratio Lower Upper
146 100
111 46.3 26.4 49.0
148 66.0 44.3 82.3

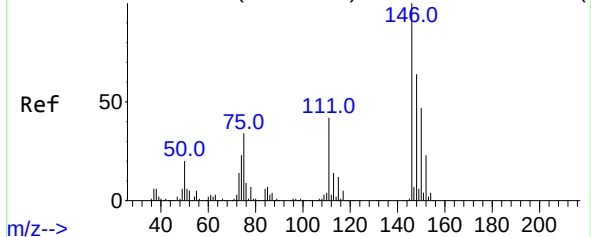


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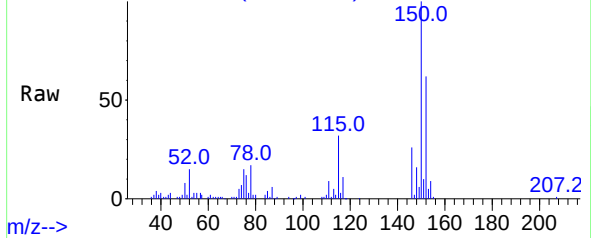
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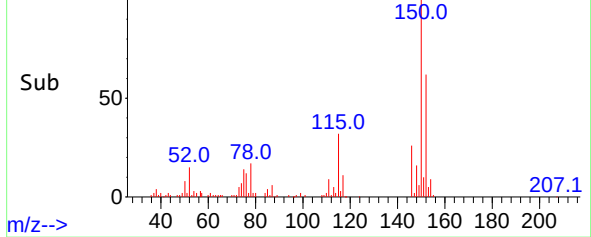
Abundance Scan 1955 (13.739 min): VY004868.D\data.ms (-



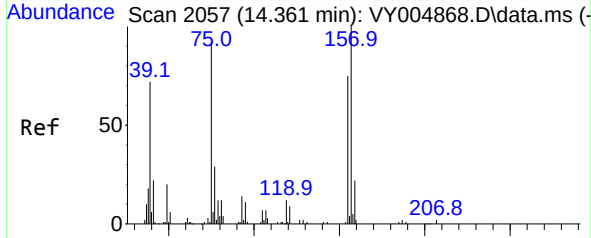
m/z--> Abundance Scan 1956 (13.745 min): VY004870.D\data.ms (-



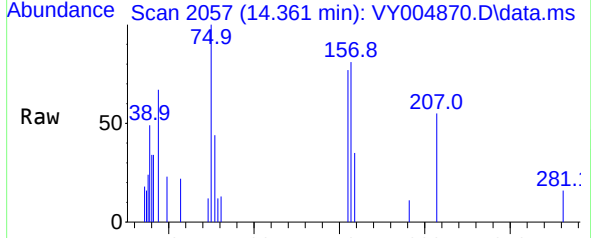
m/z--> Abundance Scan 1956 (13.745 min): VY004870.D\data.ms (-



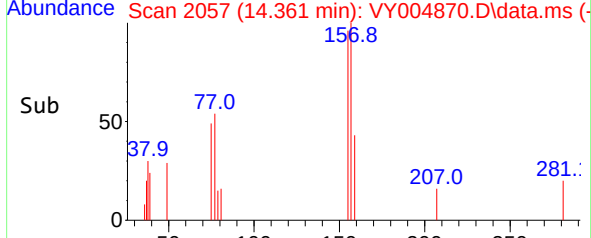
m/z--> Abundance Scan 2057 (14.361 min): VY004868.D\data.ms (-



m/z--> Abundance Scan 2057 (14.361 min): VY004870.D\data.ms (-



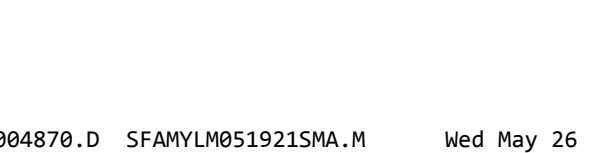
m/z--> Abundance Scan 2057 (14.361 min): VY004870.D\data.ms (-



m/z--> Abundance Scan 2057 (14.361 min): VY004870.D\data.ms (-

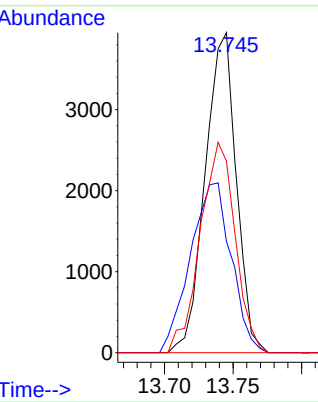


m/z--> Abundance Scan 2057 (14.361 min): VY004870.D\data.ms (-



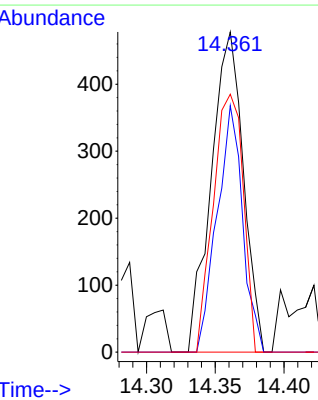
#67
1,2-Dichlorobenzene
Concen: 0.94 ug/L
RT: 13.745 min Scan# 1956
Delta R.T. 0.006 min
Lab File: VY004870.D
Acq: 25 May 2021 11:54

Tgt Ion:	146	Resp:	6242
Ion	Ratio	Lower	Upper
146	100		
111	34.7	33.9	50.9
148	59.8	49.7	74.5



#68
1,2-Dibromo-3-chloropropane
Concen: 1.05 ug/L m
RT: 14.361 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VY004870.D
Acq: 25 May 2021 11:54

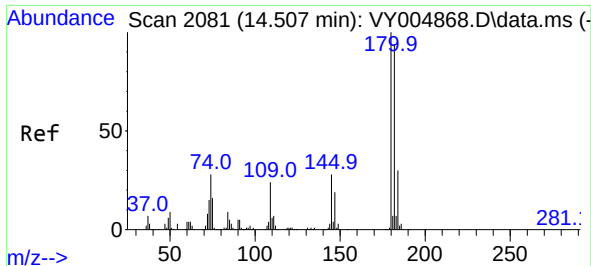
Tgt Ion:	75	Resp:	780
Ion	Ratio	Lower	Upper
75	100		
155	77.0	64.5	96.7
157	80.5	77.4	116.2



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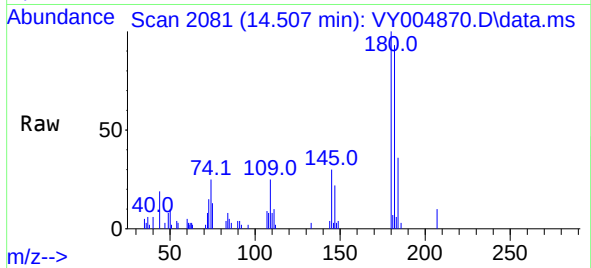
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#69
1,3,5-Trichlorobenzene
Concen: 0.92 ug/L
RT: 14.507 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VY004870.D
Acq: 25 May 2021 11:54

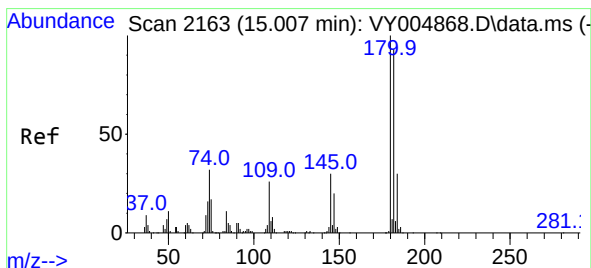
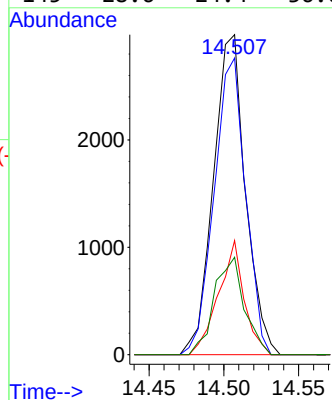
Instrument :
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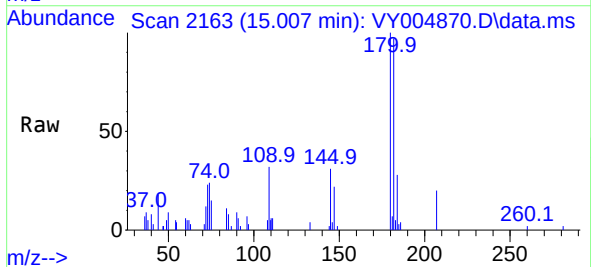
Tgt Ion:	180	Resp:	4445
Ion	Ratio	Lower	Upper
180	100		
182	90.7	76.1	114.1
184	28.7	24.6	36.8
145	28.6	24.4	36.6

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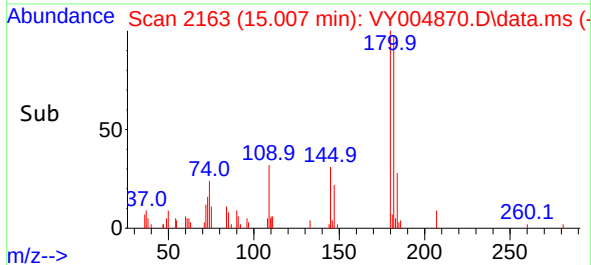
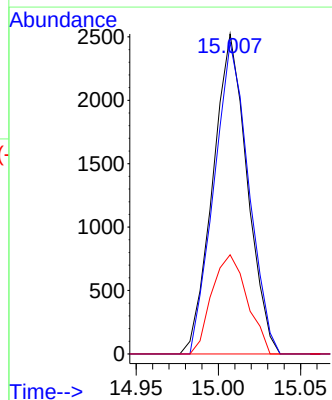
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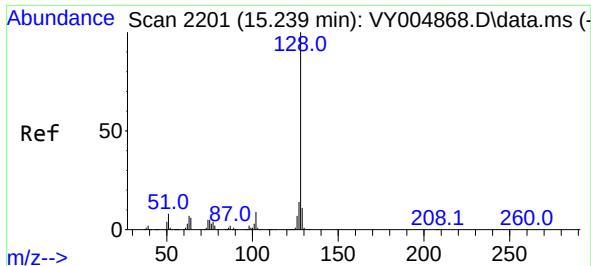


#70
1,2,4-trichlorobenzene
Concen: 0.91 ug/L
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY004870.D
Acq: 25 May 2021 11:54



Tgt Ion:	180	Resp:	3672
Ion	Ratio	Lower	Upper
180	100		
182	97.7	76.4	114.6
145	31.9	25.0	37.6





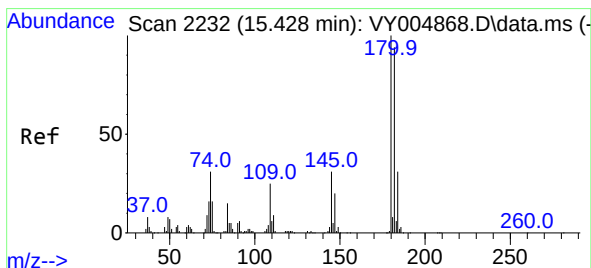
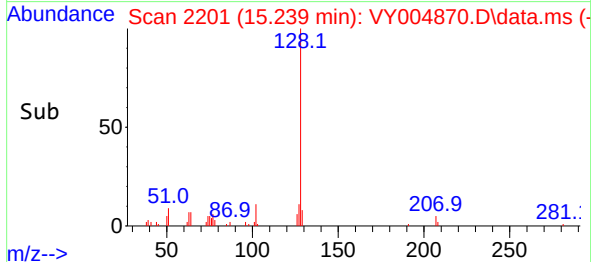
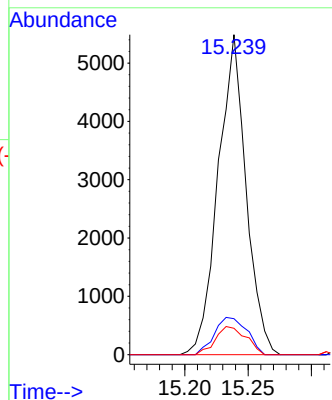
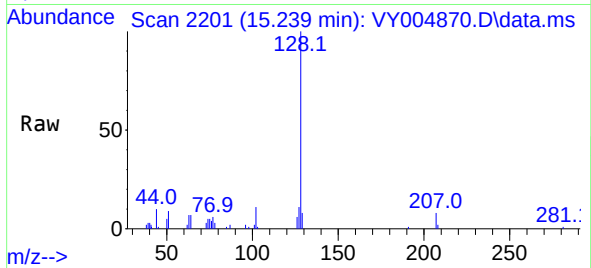
#71
Naphthalene
Concen: 0.83 ug/L
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY004870.D
Acq: 25 May 2021 11:54

Tgt Ion:	128	Resp:	8420
Ion Ratio	Lower	Upper	
128	100		
127	13.6	10.3	15.5
129	9.6	8.9	13.3

Instrument :
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ClientSampleId :
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#72
1,2,3-Trichlorobenzene
Concen: 0.91 ug/L
RT: 15.428 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY004870.D
Acq: 25 May 2021 11:54

Tgt Ion:	180	Resp:	3350
Ion Ratio	Lower	Upper	
180	100		
182	95.1	76.2	114.2
145	33.8	25.8	38.8

