

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051021\
 Data File : VY004732.D
 Acq On : 10 May 2021 16:16
 Operator : SY/MD
 Sample : M2262-01 4PPBLOD
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2021

Manual Integrations
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 5/11/2021 10:36:04 AM

Quant Time: May 11 04:34:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 11 04:33:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	185322	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	305472	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	277741	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	128288	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	118041	53.51	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.02%			
35) Dibromofluoromethane	7.728	113	95029	56.83	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.66%			
50) Toluene-d8	10.185	98	384545	50.90	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.80%			
62) 4-Bromofluorobenzene	12.483	95	123904	48.60	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 97.20%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	6465	3.81	ug/l	94
3) Chloromethane	2.119	50	11332	4.12	ug/l #	88
4) Vinyl Chloride	2.253	62	12651	4.50	ug/l	94
5) Bromomethane	2.656	94	6878	4.79	ug/l	90
6) Chloroethane	2.802	64	6752	4.07	ug/l #	88
7) Trichlorofluoromethane	3.131	101	13790	4.13	ug/l	92
8) Diethyl Ether	3.540	74	5068	4.29	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.912	101	7790	4.11	ug/l	98
10) Methyl Iodide	4.107	142	8941	4.41	ug/l	98
11) Tert butyl alcohol	4.972	59	5320	24.00	ug/l #	77
12) 1,1-Dichloroethene	3.875	96	7383	4.03	ug/l	85
13) Acrolein	3.741	56	4655	17.86	ug/l	91
14) Allyl chloride	4.491	41	14681	4.10	ug/l	98
15) Acrylonitrile	5.174	53	11704	19.78	ug/l	99
16) Acetone	3.960	43	11630	23.47	ug/l	95
17) Carbon Disulfide	4.198	76	23754	4.25	ug/l	96
18) Methyl Acetate	4.491	43	6720	4.25	ug/l	99
19) Methyl tert-butyl Ether	5.241	73	20115	3.99	ug/l	94
20) Methylene Chloride	4.729	84	26959	8.49	ug/l	93
21) trans-1,2-Dichloroethene	5.228	96	8108	3.90	ug/l	94
22) Diisopropyl ether	6.131	45	26551	3.86	ug/l	97
23) Vinyl Acetate	6.070	43	95145	18.40	ug/l	98
24) 1,1-Dichloroethane	6.033	63	15985	4.13	ug/l #	93
25) 2-Butanone	7.003	43	16788	19.07	ug/l	95
26) 2,2-Dichloropropane	6.990	77	13484	3.98	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	9496	4.11	ug/l	96
28) Bromochloromethane	7.338	49	6988	3.69	ug/l #	92
29) Tetrahydrofuran	7.362	42	10062	17.92	ug/l	98
30) Chloroform	7.515	83	15911	4.17	ug/l	98
31) Cyclohexane	7.795	56	17151	4.80	ug/l #	61
32) 1,1,1-Trichloroethane	7.710	97	14000	4.09	ug/l	98
36) 1,1-Dichloropropene	7.923	75	13167	4.21	ug/l	95
37) Ethyl Acetate	7.088	43	9085	4.23	ug/l	99
38) Carbon Tetrachloride	7.905	117	9971	3.54	ug/l	98
39) Methylcyclohexane	9.185	83	13190	3.86	ug/l	96
40) Benzene	8.167	78	35028	3.96	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	4595m	3.92	ug/l	
42) 1,2-Dichloroethane	8.246	62	11448	4.10	ug/l	100
43) Isopropyl Acetate	8.277	43	14881	3.74	ug/l #	90
44) Trichloroethene	8.941	130	9833	4.13	ug/l	95
45) 1,2-Dichloropropane	9.222	63	9395	4.06	ug/l	96
46) Dibromomethane	9.307	93	5097	3.96	ug/l	98
47) Bromodichloromethane	9.502	83	12462	4.08	ug/l	99
48) Methyl methacrylate	9.295	41	6425	3.55	ug/l	97
49) 1,4-Dioxane	9.313	88	1068	70.44	ug/l #	80
51) 4-Methyl-2-Pentanone	10.075	43	38624	18.03	ug/l	98
52) Toluene	10.246	92	22017	3.94	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	13483	3.98	ug/l	91
54) cis-1,3-Dichloropropene	9.929	75	14851	3.94	ug/l	96
55) 1,1,2-Trichloroethane	10.648	97	6973	3.94	ug/l	95
56) Ethyl methacrylate	10.514	69	8968	3.50	ug/l	98
57) 1,3-Dichloropropane	10.795	76	12423	3.94	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	22988	17.38	ug/l	99
59) 2-Hexanone	10.837	43	24651	16.98	ug/l	100
60) Dibromochloromethane	10.990	129	8021	3.81	ug/l	100
61) 1,2-Dibromoethane	11.093	107	6563	3.84	ug/l	99
64) Tetrachloroethene	10.721	164	10381	4.14	ug/l	97
65) Chlorobenzene	11.520	112	23813	4.17	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	8100	3.90	ug/l	94
67) Ethyl Benzene	11.593	91	40621	3.82	ug/l	99
68) m/p-Xylenes	11.703	106	30274	7.59	ug/l	99
69) o-Xylene	12.032	106	14105	3.78	ug/l	100
70) Styrene	12.044	104	22315	3.57	ug/l	99
71) Bromoform	12.215	173	4729	3.76	ug/l #	95
73) Isopropylbenzene	12.331	105	37956	3.92	ug/l	99
74) N-amyl acetate	12.148	43	12460	3.64	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	7562	3.92	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	5857m	4.30	ug/l	
77) Bromobenzene	12.611	156	9075	4.15	ug/l	96
78) n-propylbenzene	12.672	91	46045	3.90	ug/l	98
79) 2-Chlorotoluene	12.758	91	26411	4.08	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	31186	3.88	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	2985	3.80	ug/l	95
82) 4-Chlorotoluene	12.855	91	27163	4.04	ug/l	99
83) tert-Butylbenzene	13.075	119	27529	4.01	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	30533	3.80	ug/l	98
85) sec-Butylbenzene	13.258	105	38986	3.91	ug/l	97
86) p-Isopropyltoluene	13.373	119	33694	3.90	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	17086	3.99	ug/l	97
88) 1,4-Dichlorobenzene	13.446	146	18304	4.33	ug/l	94
89) n-Butylbenzene	13.696	91	33653	3.98	ug/l	96
90) Hexachloroethane	13.965	117	5043	4.14	ug/l	92
91) 1,2-Dichlorobenzene	13.745	146	15567	4.12	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.361	75	1605	4.45	ug/l	89
93) 1,2,4-Trichlorobenzene	15.007	180	10376	4.26	ug/l	99
94) Hexachlorobutadiene	15.117	225	5827	4.42	ug/l	98
95) Naphthalene	15.239	128	20296	3.85	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	9156	4.25	ug/l	99

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

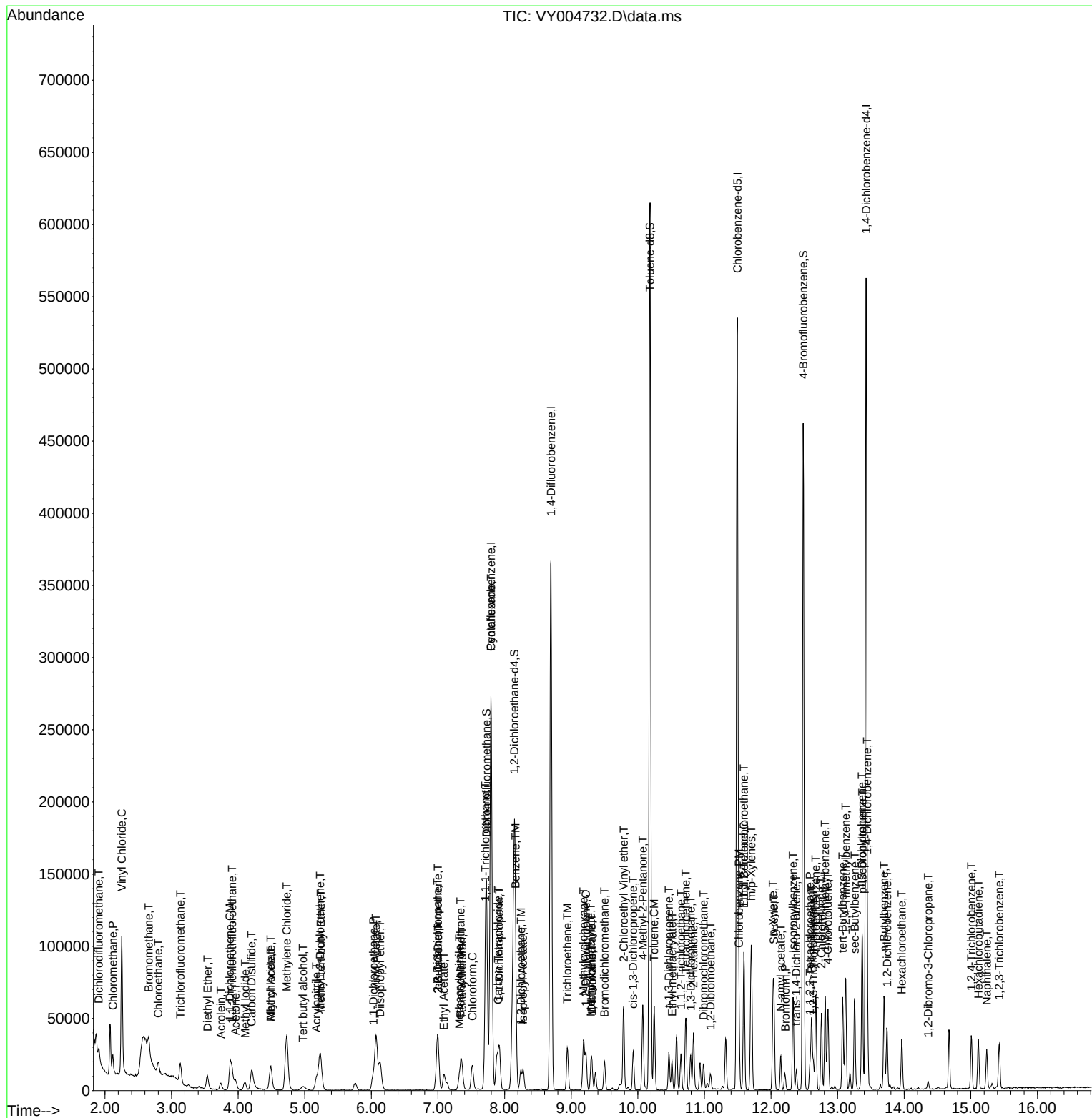
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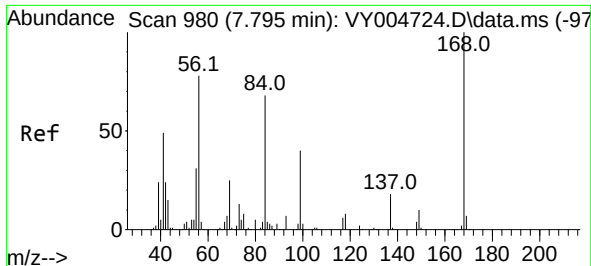
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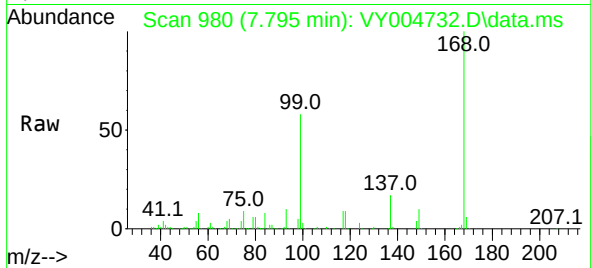
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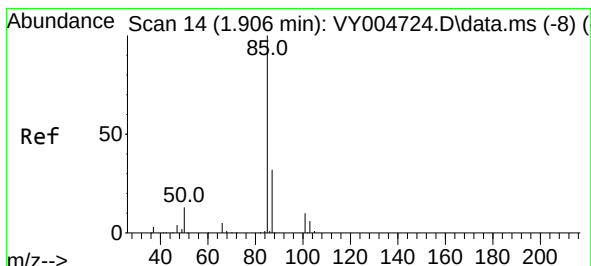
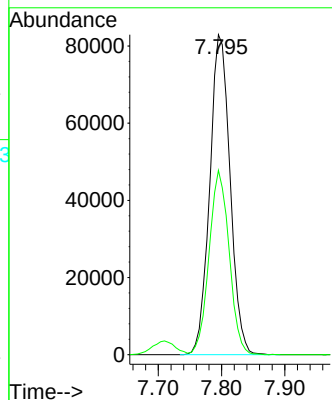
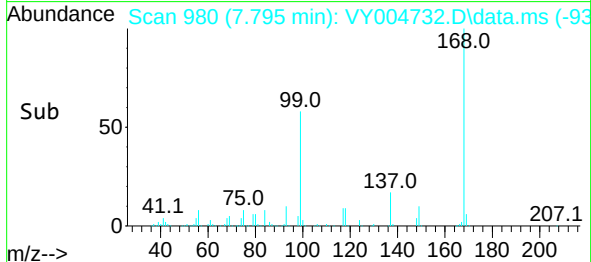




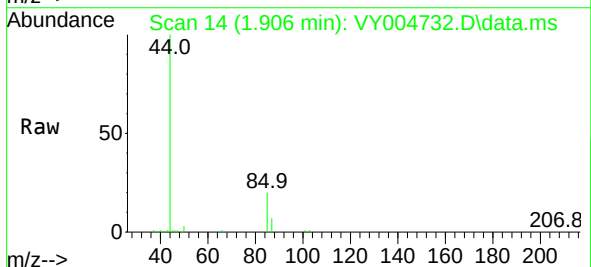
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16



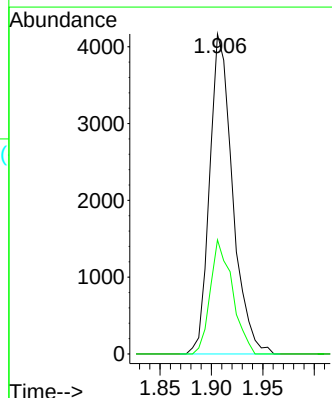
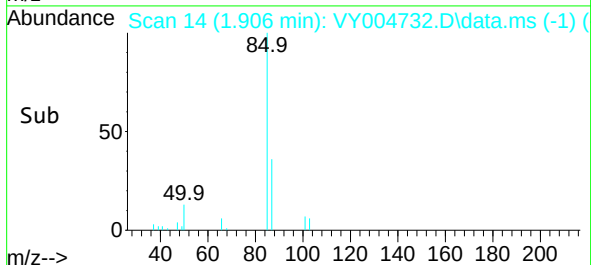
Tgt Ion: 168 Resp: 185322
Ion Ratio Lower Upper
168 100
99 57.6 45.6 68.4



#2
Dichlorodifluoromethane
Concen: 3.81 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16



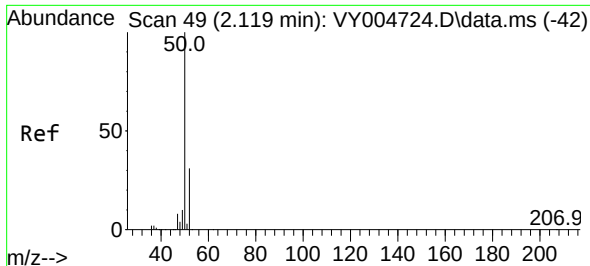
Tgt Ion: 85 Resp: 6465
Ion Ratio Lower Upper
85 100
87 35.7 16.2 48.5



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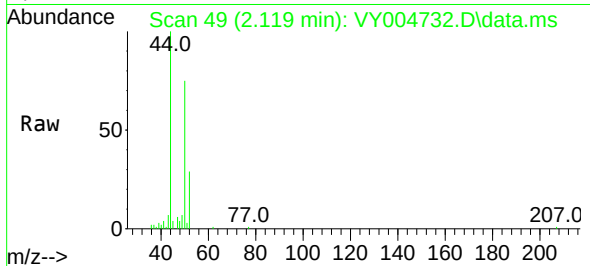
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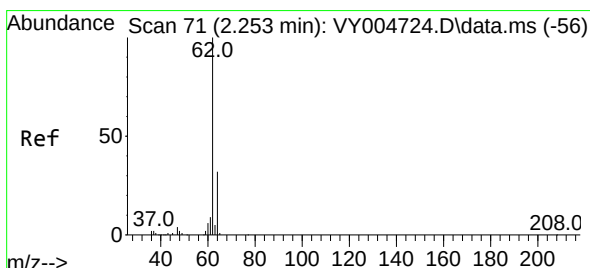
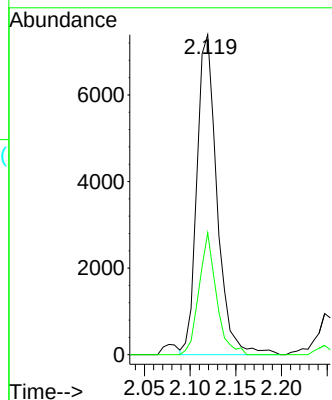
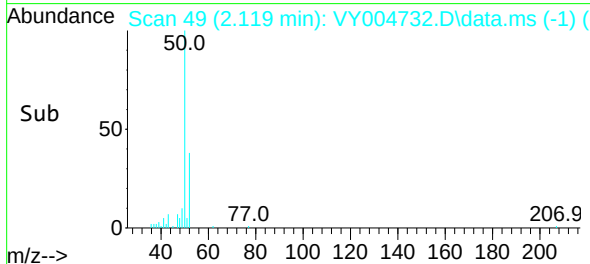


#3
Chloromethane
Concen: 4.12 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

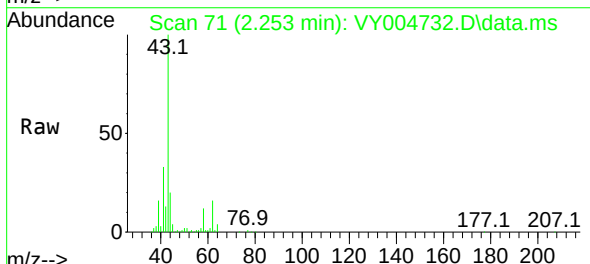
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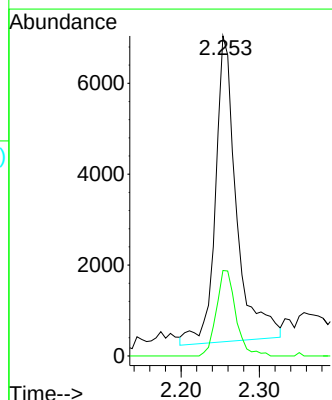
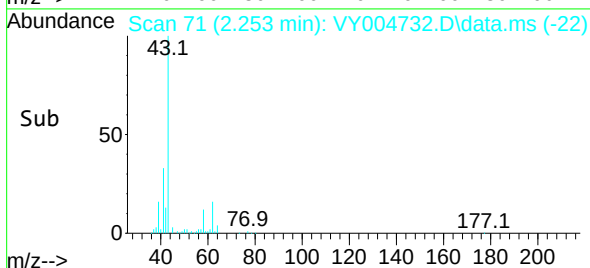
Tgt Ion: 50 Resp: 11332
Ion Ratio Lower Upper
50 100
52 38.1 25.0 37.6#

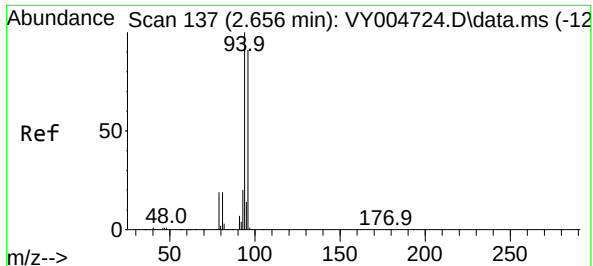


#4
Vinyl Chloride
Concen: 4.50 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16



Tgt Ion: 62 Resp: 12651
Ion Ratio Lower Upper
62 100
64 28.3 25.4 38.2





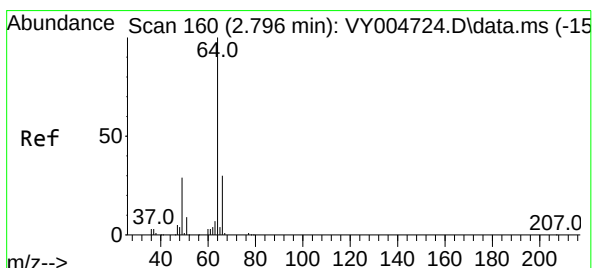
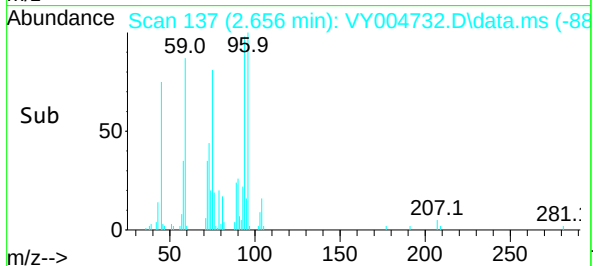
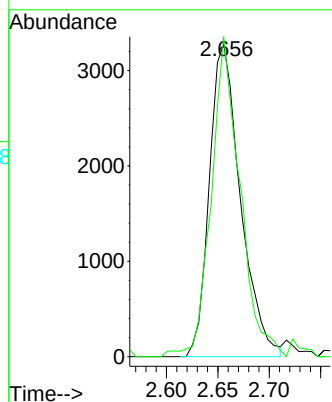
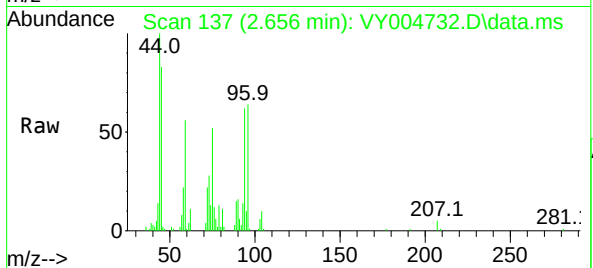
#5
Bromomethane
Concen: 4.79 ug/l
RT: 2.656 min Scan# 137
Delta R.T. 0.000 min
Lab File: VY004732.D
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Tgt Ion: 94 Resp: 6878
Ion Ratio Lower Upper
94 100
96 100.5 72.6 109.0

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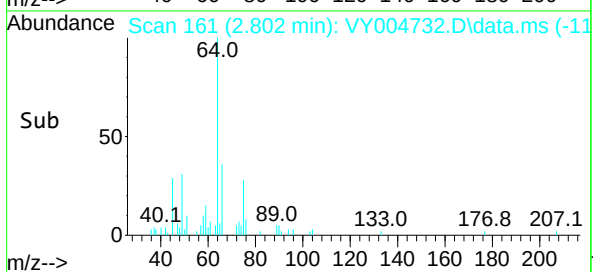
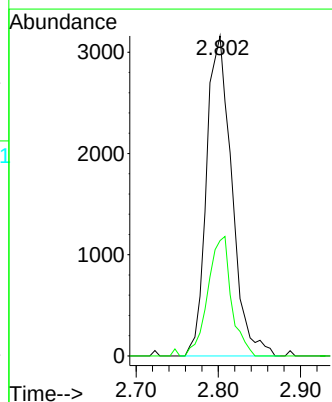
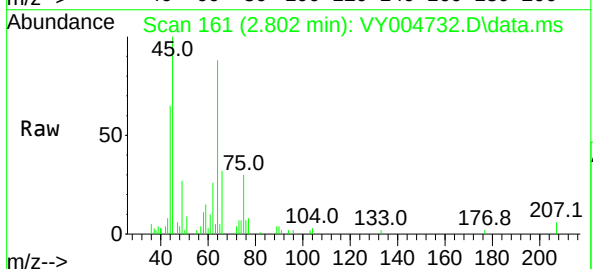
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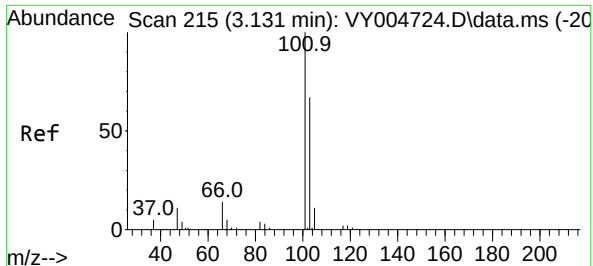
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#6
Chloroethane
Concen: 4.07 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.006 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

Tgt Ion: 64 Resp: 6752
Ion Ratio Lower Upper
64 100
66 36.1 23.7 35.5#





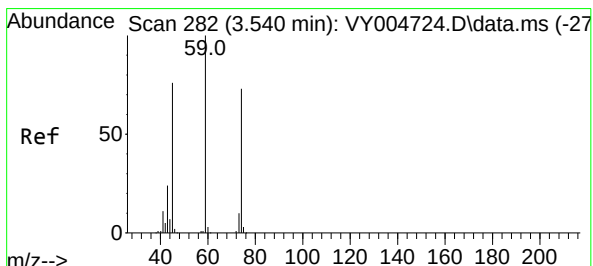
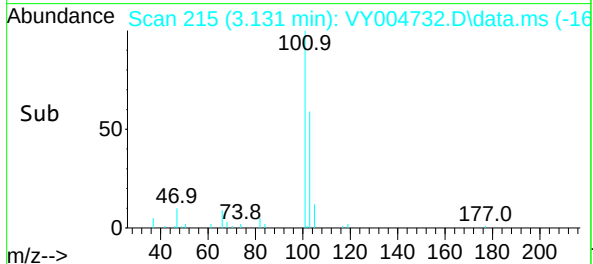
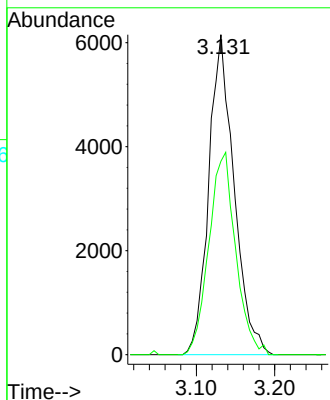
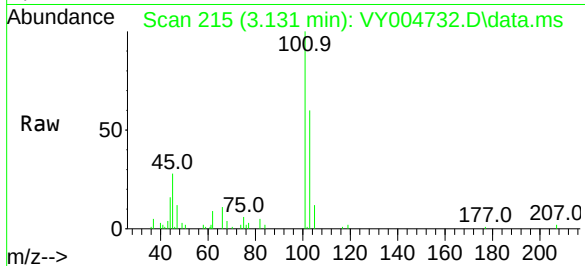
#7
Trichlorofluoromethane
Concen: 4.13 ug/l
RT: 3.131 min Scan# 215
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

Tgt Ion: 101 Resp: 13790
Ion Ratio Lower Upper
101 100
103 60.4 53.4 80.2

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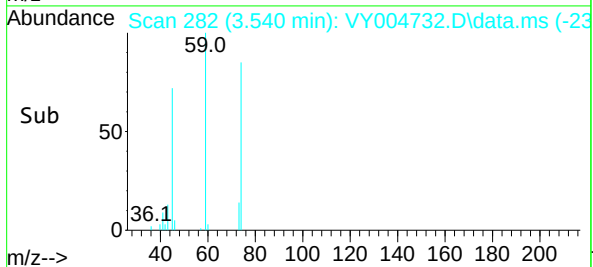
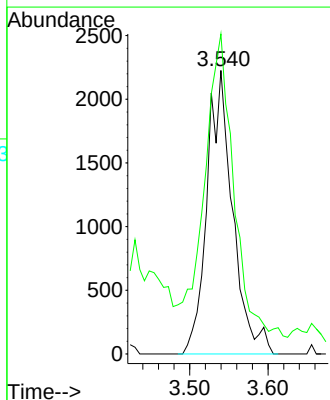
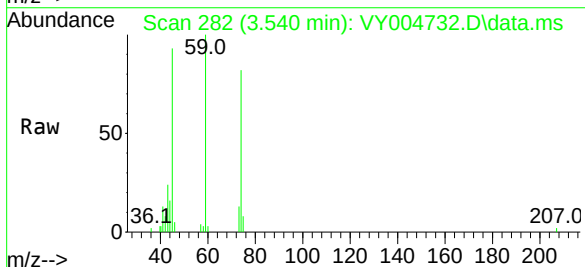
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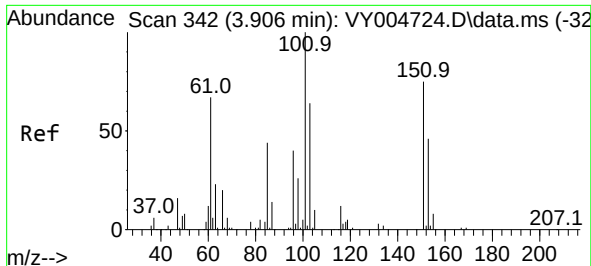
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#8
Diethyl Ether
Concen: 4.29 ug/l
RT: 3.540 min Scan# 282
Delta R.T. 0.000 min
Lab File: VY004732.D
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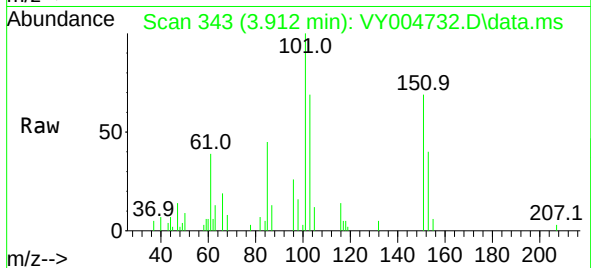
Tgt Ion: 74 Resp: 5068
Ion Ratio Lower Upper
74 100
45 121.7 53.9 161.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.11 ug/l
RT: 3.912 min Scan# 343
Delta R.T. 0.006 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

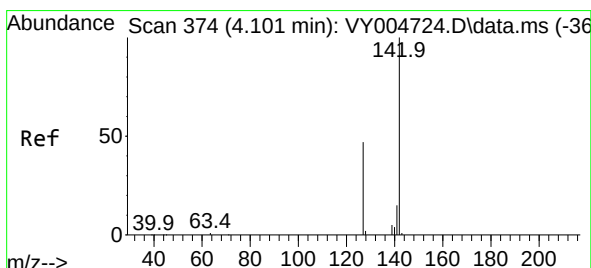
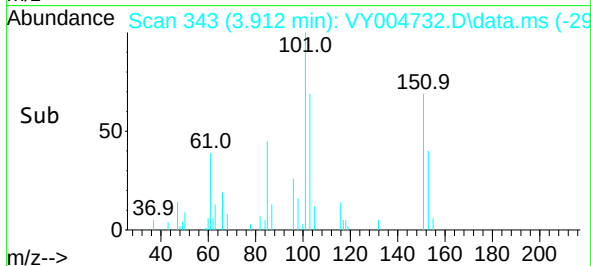
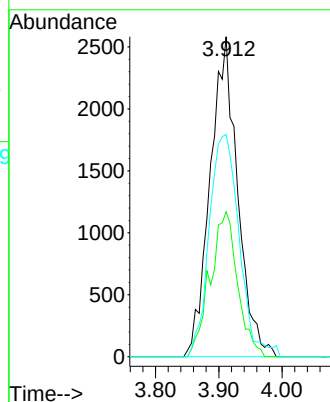
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



Tgt Ion:101 Resp: 7790
Ion Ratio Lower Upper
101 100
85 45.1 38.2 57.4
151 75.7 61.4 92.0

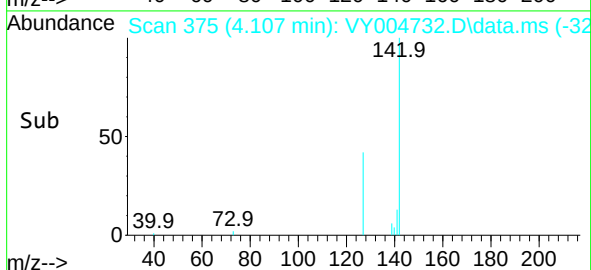
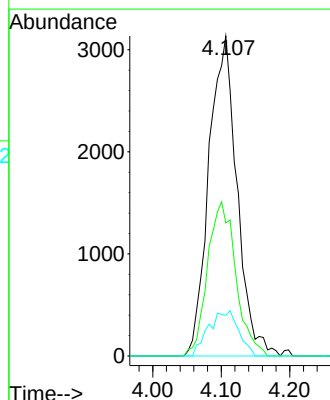
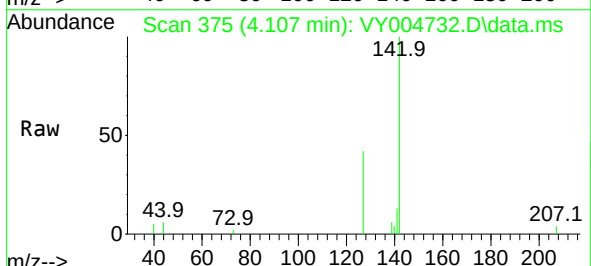
Manual Integrations
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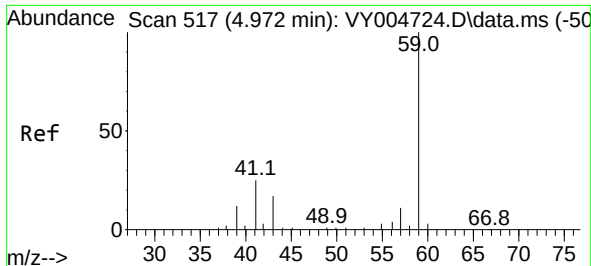
MMDadoda
5/11/2021 10:36:04 AM



#10
Methyl Iodide
Concen: 4.41 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

Tgt Ion:142 Resp: 8941
Ion Ratio Lower Upper
142 100
127 48.5 37.1 55.7
141 15.0 11.9 17.9





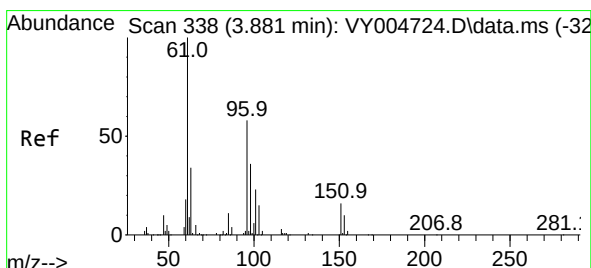
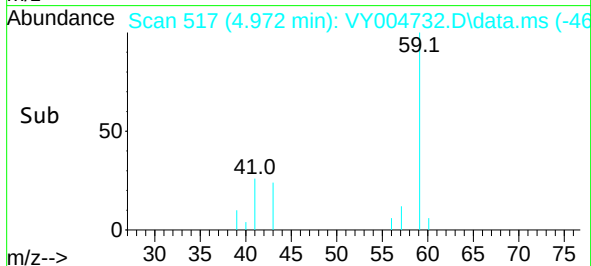
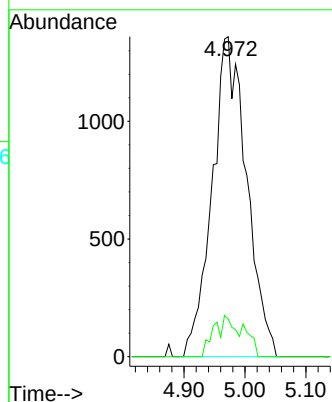
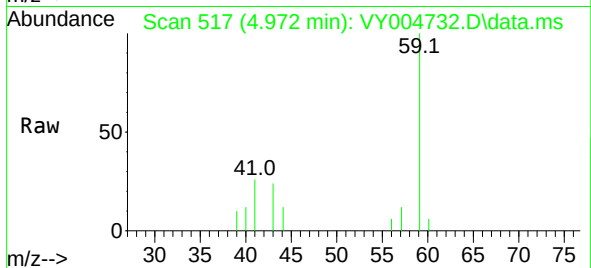
#11
Tert butyl alcohol
Concen: 24.00 ug/l
RT: 4.972 min Scan# 517
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

Tgt Ion: 59 Resp: 5320
Ion Ratio Lower Upper
59 100
57 2.3 8.7 13.1#

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

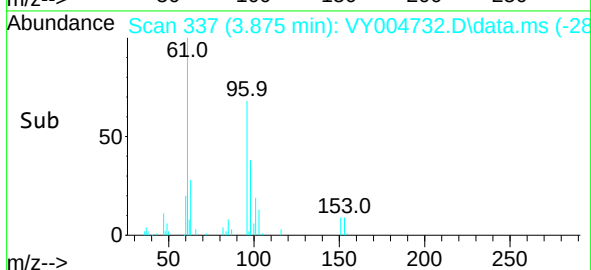
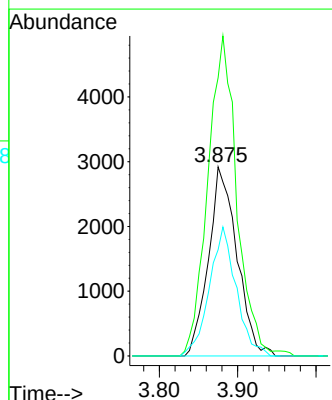
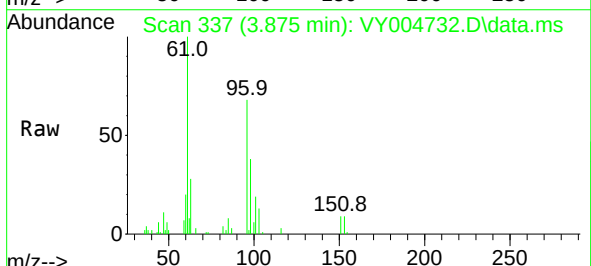
Manual Integrations
APPROVED

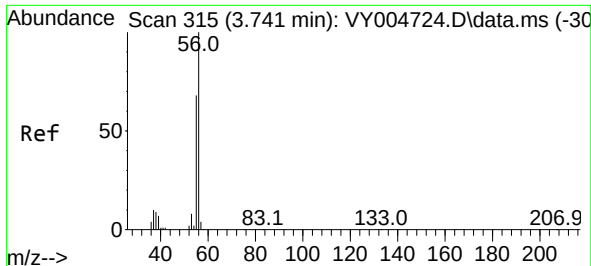
MMDadoda
5/11/2021 10:36:04 AM



#12
1,1-Dichloroethene
Concen: 4.03 ug/l
RT: 3.875 min Scan# 337
Delta R.T. -0.006 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

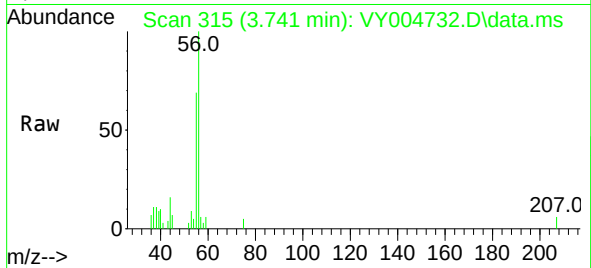
Tgt Ion: 96 Resp: 7383
Ion Ratio Lower Upper
96 100
61 147.1 137.5 206.3
98 56.2 50.2 75.2



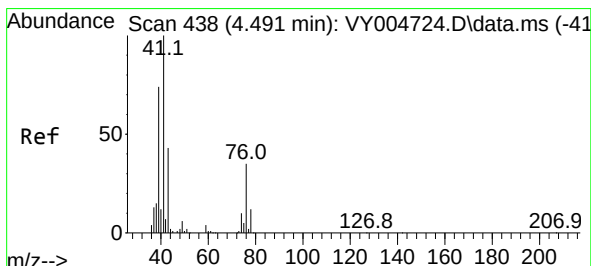
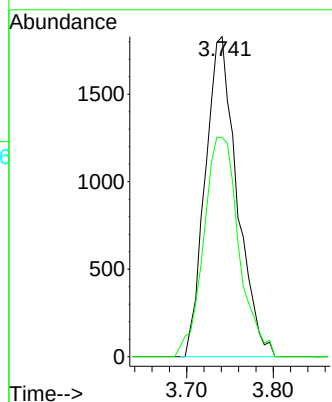
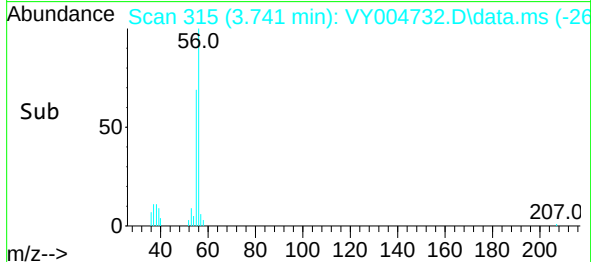


#13
Acrolein
Concen: 17.86 ug/l
RT: 3.741 min Scan# 315
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

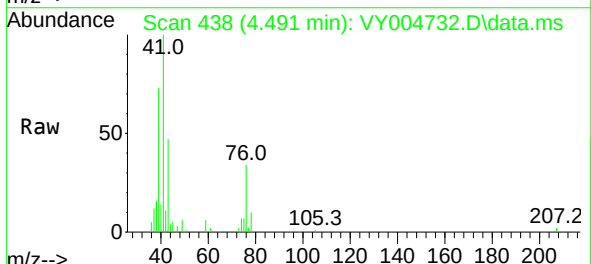
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



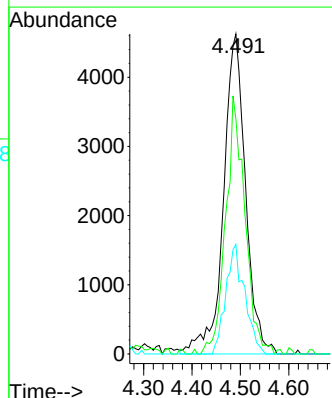
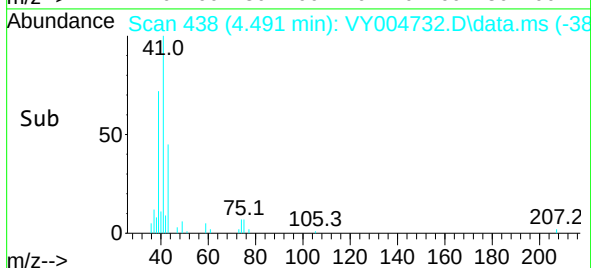
Tgt Ion: 56 Resp: 4655
Ion Ratio Lower Upper
56 100
55 76.3 55.3 82.9

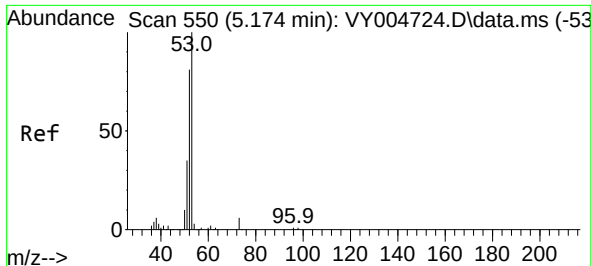


#14
Allyl chloride
Concen: 4.10 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

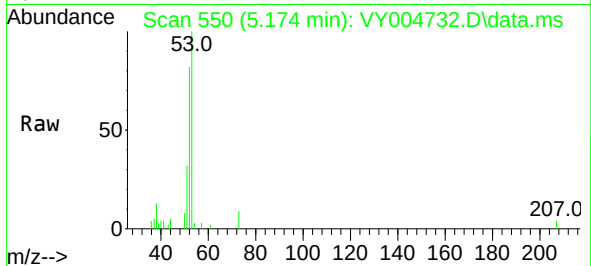


Tgt Ion: 41 Resp: 14681
Ion Ratio Lower Upper
41 100
39 70.7 56.1 84.1
76 29.3 26.2 39.4

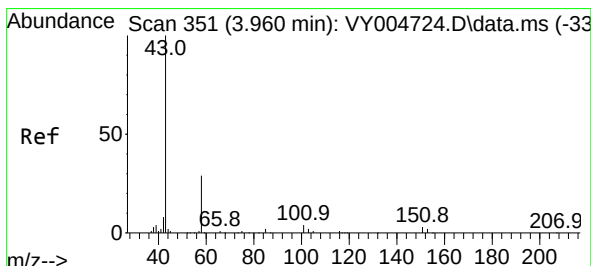
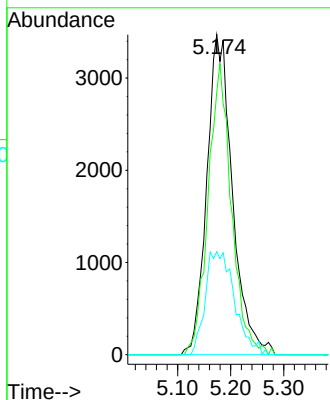
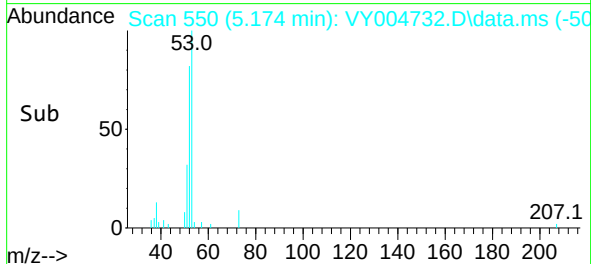




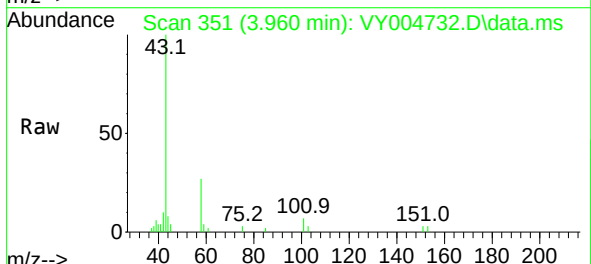
#15
Acrylonitrile
Concen: 19.78 ug/l
RT: 5.174 min Scan# 550
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16



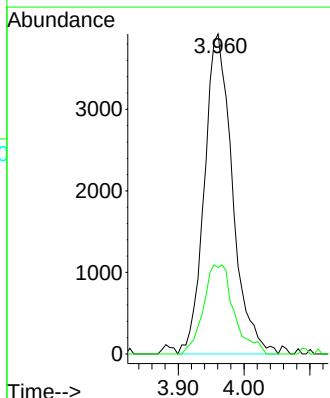
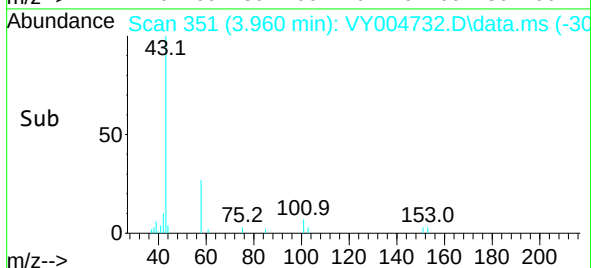
Tgt Ion:	53	Resp:	11704
Ion Ratio	Lower	Upper	
53	100		
52	82.5	65.0	97.6
51	36.7	29.3	43.9



#16
Acetone
Concen: 23.47 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16



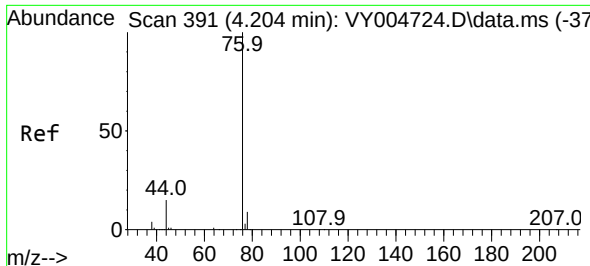
Tgt Ion:	43	Resp:	11630
Ion Ratio	Lower	Upper	
43	100		
58	27.1	23.6	35.4



Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

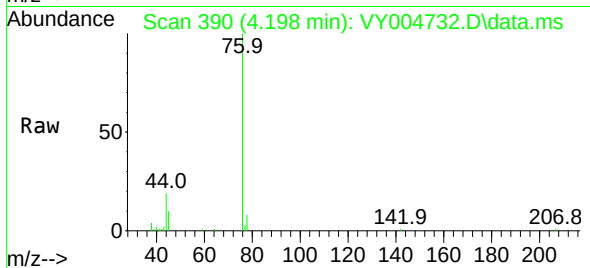
Manual Integrations
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5/11/2021 10:36:04 AM



#17
Carbon Disulfide
Concen: 4.25 ug/l
RT: 4.198 min Scan# 390
Delta R.T. -0.006 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

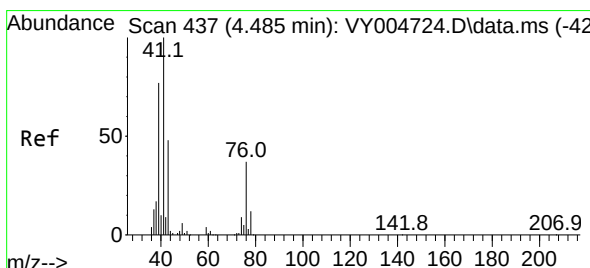
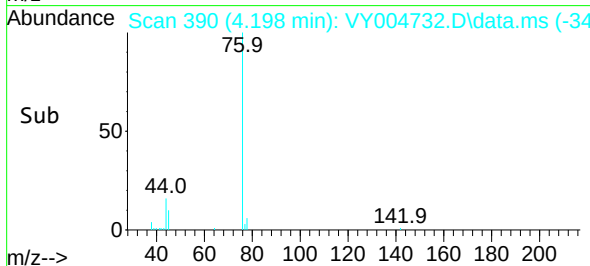
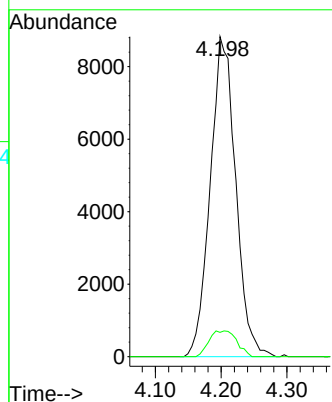
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



Tgt Ion: 76 Resp: 23754
Ion Ratio Lower Upper
76 100
78 7.6 7.2 10.8

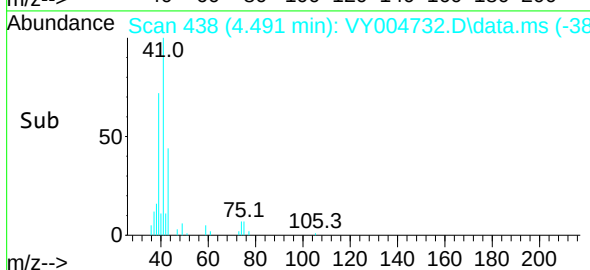
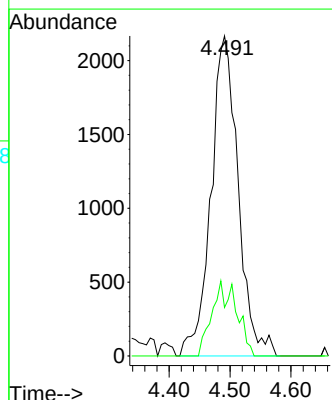
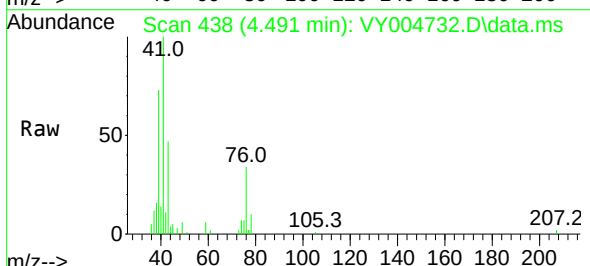
Manual Integrations
APPROVED

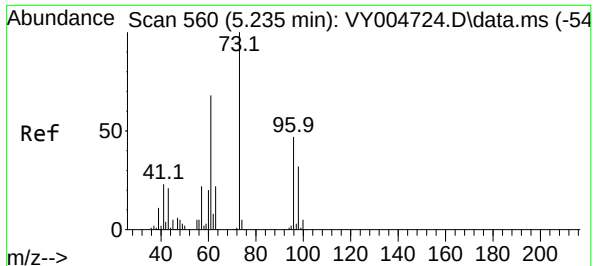
MMDadoda
5/11/2021 10:36:04 AM



#18
Methyl Acetate
Concen: 4.25 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

Tgt Ion: 43 Resp: 6720
Ion Ratio Lower Upper
43 100
74 21.2 16.6 24.8





#19

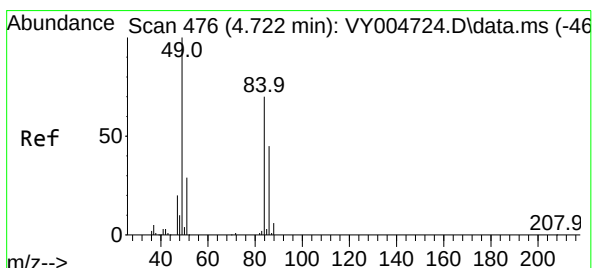
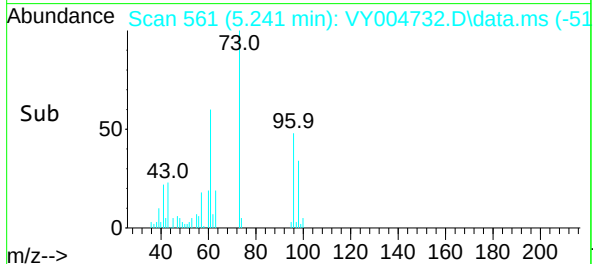
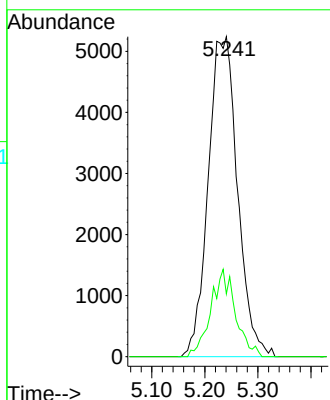
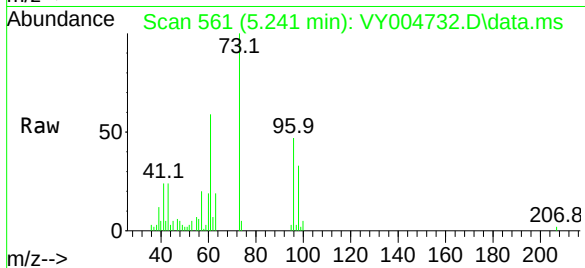
Methyl tert-butyl Ether
Concen: 3.99 ug/l
RT: 5.241 min Scan# 561
Delta R.T. 0.006 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

Tgt Ion: 73 Resp: 20115
Ion Ratio Lower Upper
73 100
57 19.6 17.9 26.9

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

Manual Integrations
APPROVED

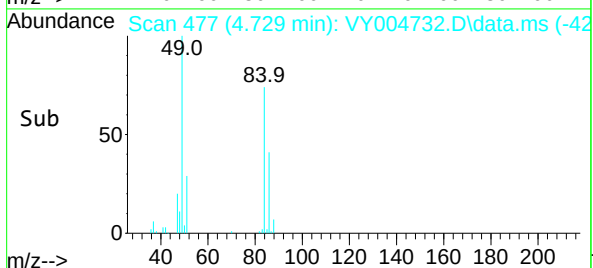
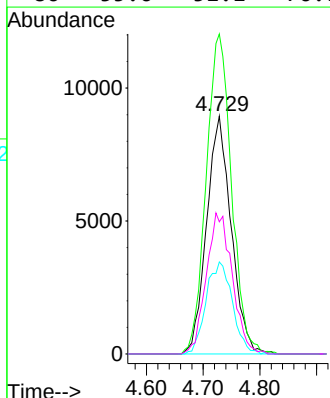
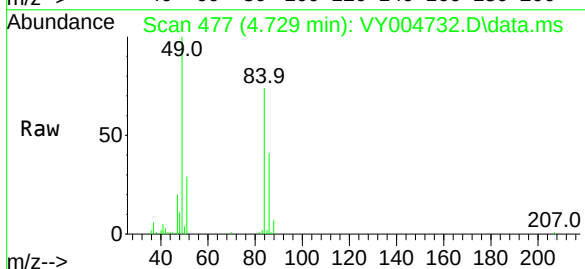
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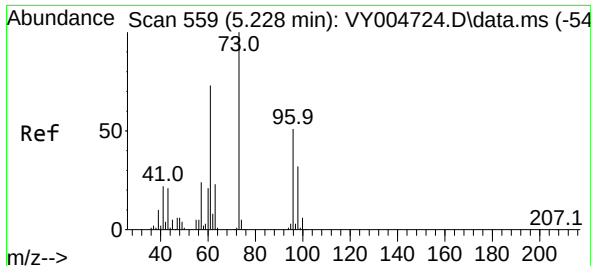


#20

Methylene Chloride
Concen: 8.49 ug/l
RT: 4.729 min Scan# 477
Delta R.T. 0.007 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

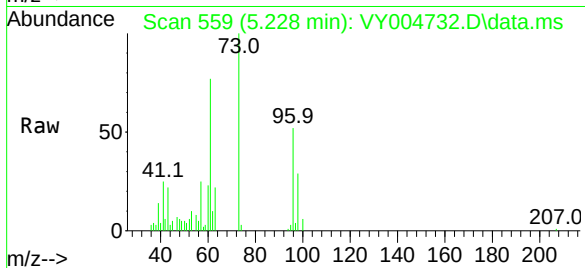
Tgt Ion: 84 Resp: 26959
Ion Ratio Lower Upper
84 100
49 134.6 113.8 170.8
51 38.7 33.5 50.3
86 55.6 51.1 76.7





#21
trans-1,2-Dichloroethene
Concen: 3.90 ug/l
RT: 5.228 min Scan# 559
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

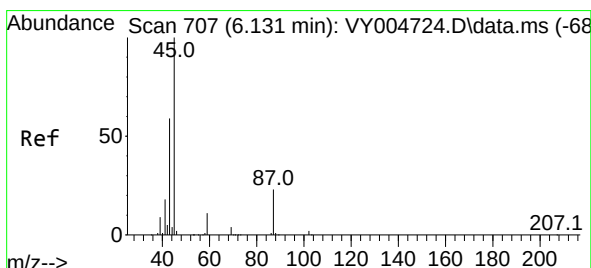
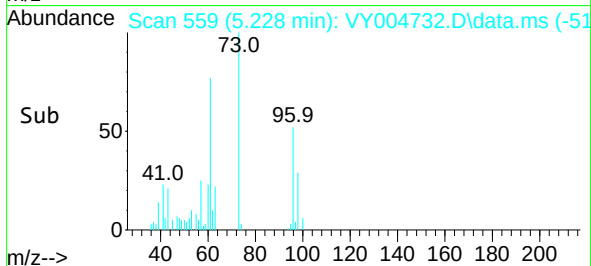
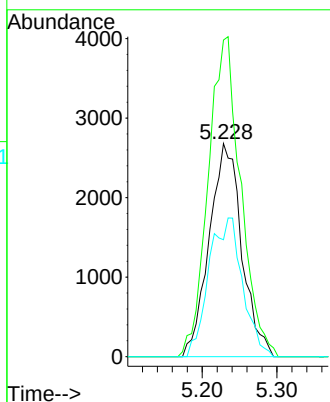
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



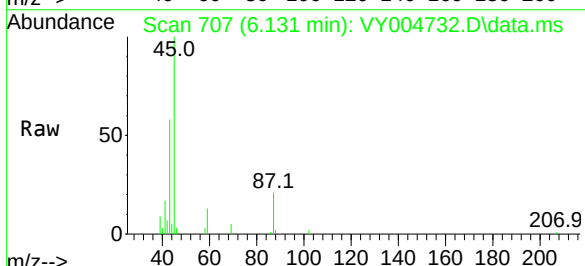
Tgt Ion: 96 Resp: 8108
Ion Ratio Lower Upper
96 100
61 148.5 115.5 173.3
98 54.9 50.6 75.8

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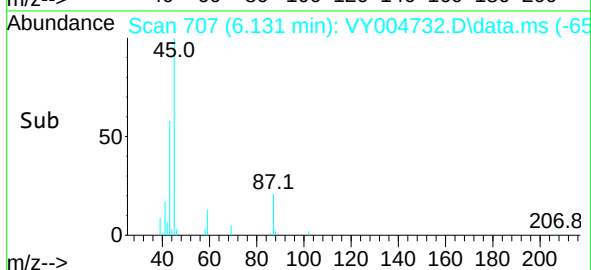
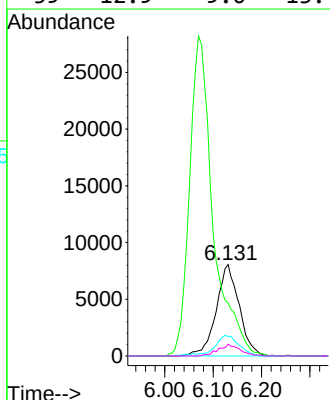
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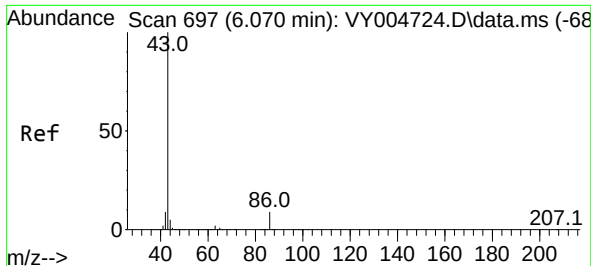


#22
Diisopropyl ether
Concen: 3.86 ug/l
RT: 6.131 min Scan# 707
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

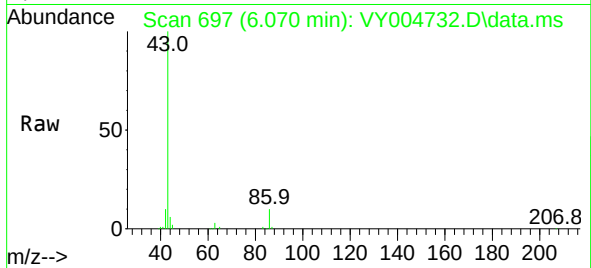


Tgt Ion: 45 Resp: 26551
Ion Ratio Lower Upper
45 100
43 58.2 47.7 71.5
87 21.3 18.9 28.3
59 12.9 9.0 13.4

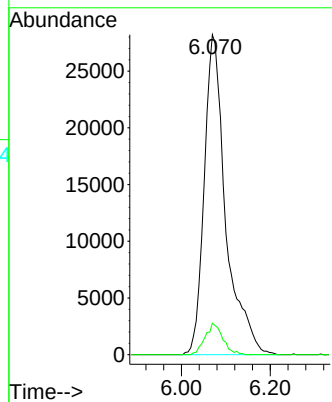
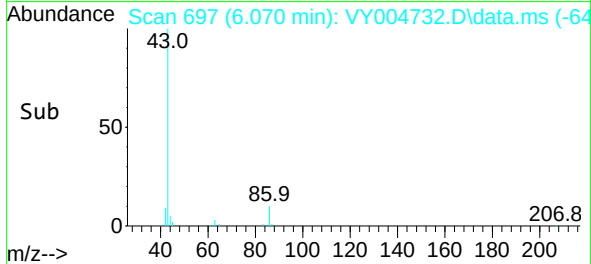




#23
 Vinyl Acetate
 Concen: 18.40 ug/l
 RT: 6.070 min Scan# 697
 Delta R.T. 0.000 min
 Lab File: VY004732.D
 Acq: 10 May 2021 16:16



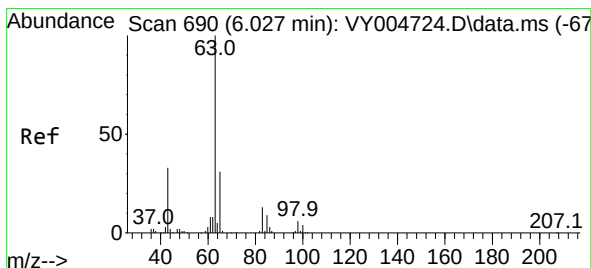
Tgt Ion: 43 Resp: 95145
 Ion Ratio Lower Upper
 43 100
 86 9.9 7.2 10.8



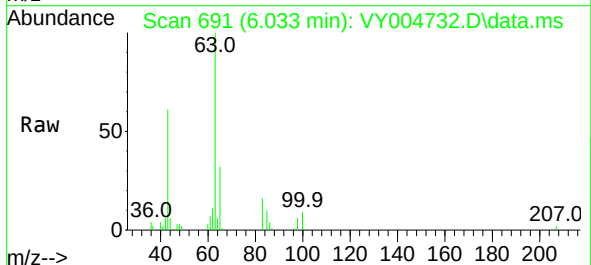
Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2021

Manual Integrations
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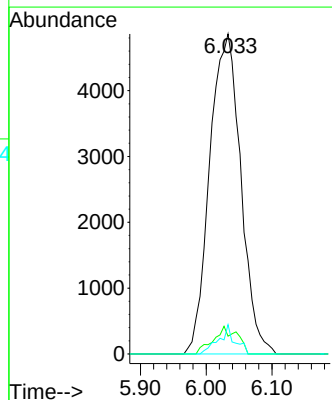
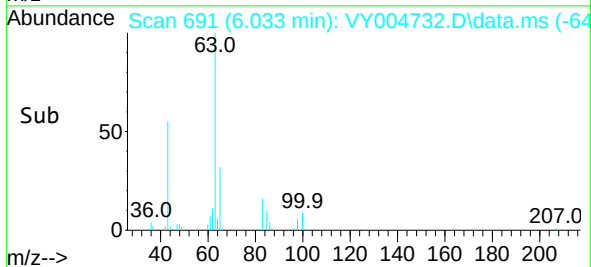
MMDadoda
 5/11/2021 10:36:04 AM

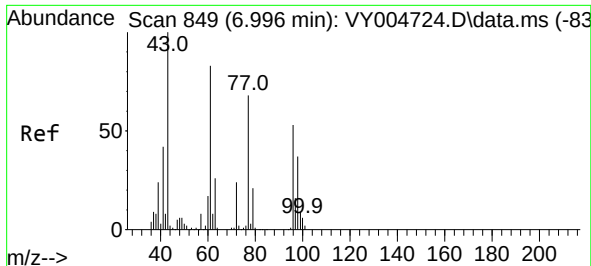


#24
 1,1-Dichloroethane
 Concen: 4.13 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. 0.006 min
 Lab File: VY004732.D
 Acq: 10 May 2021 16:16



Tgt Ion: 63 Resp: 15985
 Ion Ratio Lower Upper
 63 100
 98 5.5 3.1 9.4
 100 9.2 2.0 6.0#





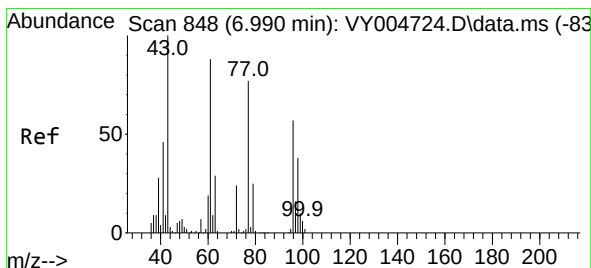
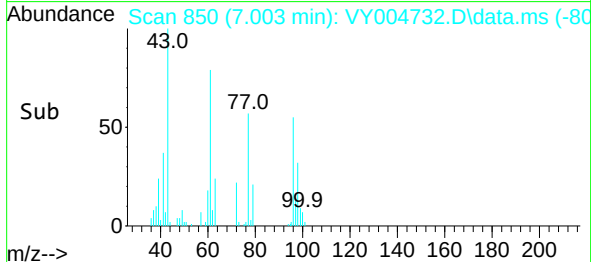
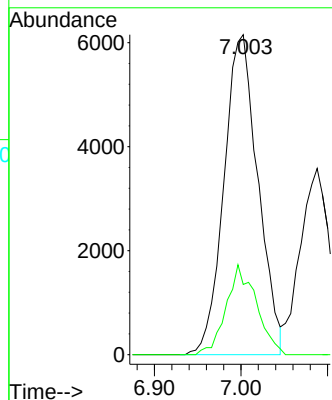
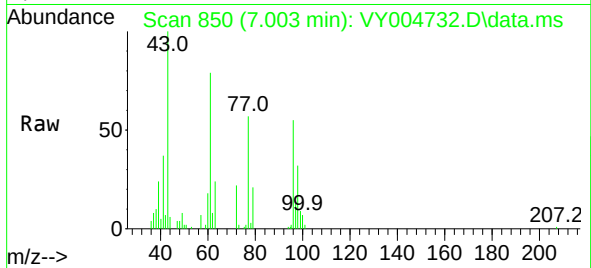
#25
2-Butanone
Concen: 19.07 ug/l
RT: 7.003 min Scan# 850
Delta R.T. 0.006 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

Tgt Ion: 43 Resp: 16788
Ion Ratio Lower Upper
43 100
72 22.0 19.4 29.0

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

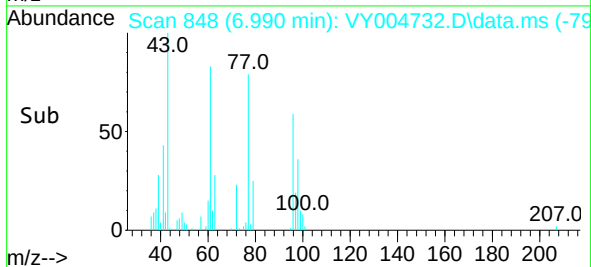
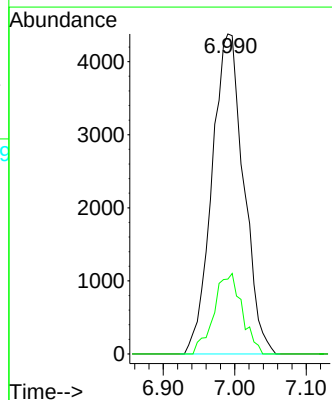
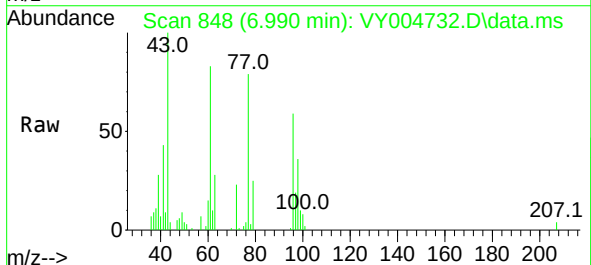
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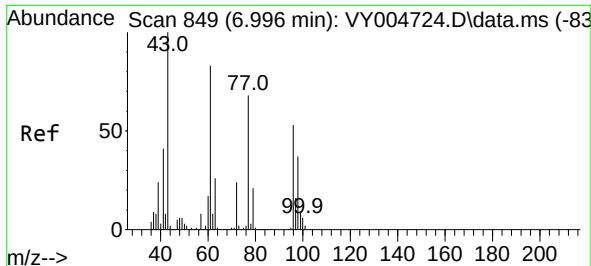
MMDadoda
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#26
2,2-Dichloropropane
Concen: 3.98 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

Tgt Ion: 77 Resp: 13484
Ion Ratio Lower Upper
77 100
97 22.3 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 4.11 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY004732.D

Acq: 10 May 2021 16:16

Tgt Ion:	96	Resp:	9496
Ion	Ratio	Lower	Upper
96	100		
61	148.1	0.0	308.4
98	63.2	0.0	132.0

Instrument :

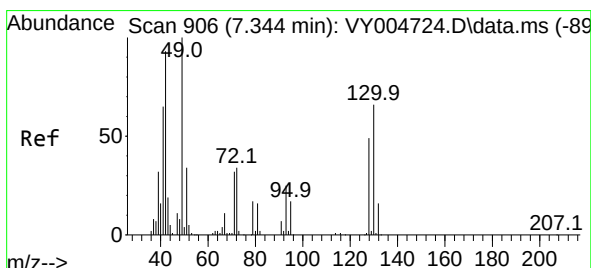
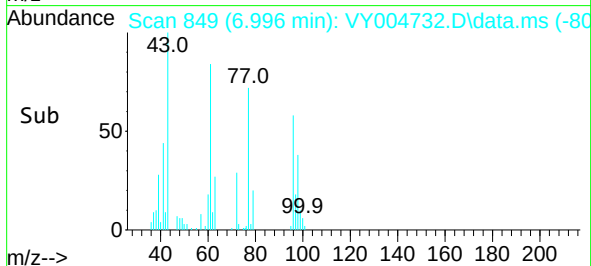
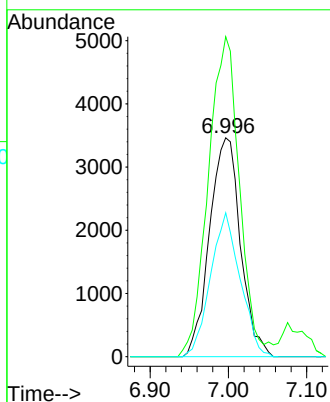
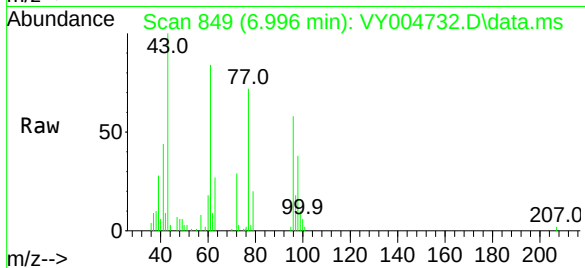
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ClientSampleId :

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#28

Bromochloromethane

Concen: 3.69 ug/l

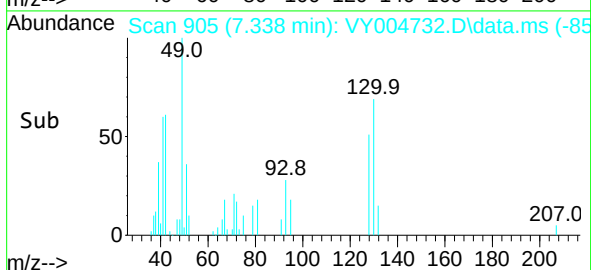
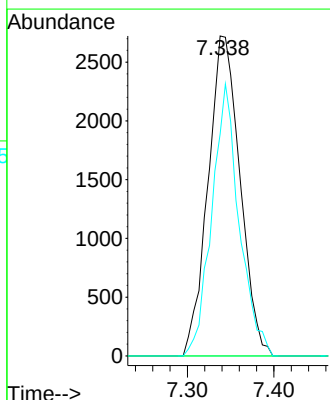
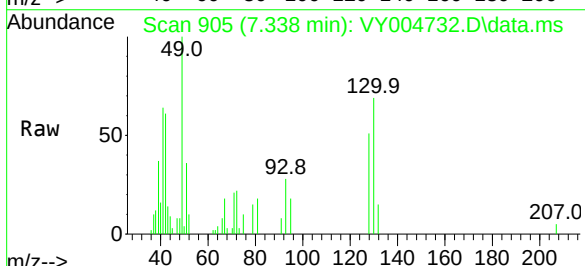
RT: 7.338 min Scan# 905

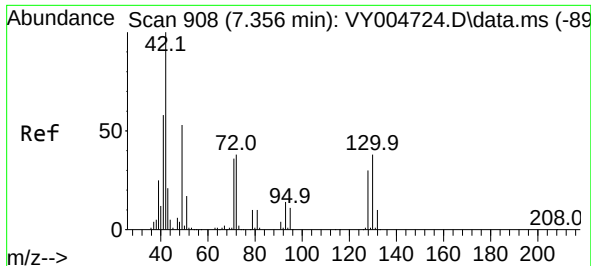
Delta R.T. -0.006 min

Lab File: VY004732.D

Acq: 10 May 2021 16:16

Tgt Ion:	49	Resp:	6988
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.0
130	72.8	52.8	79.2





#29

Tetrahydrofuran

Concen: 17.92 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.006 min

Lab File: VY004732.D

Acq: 10 May 2021 16:16

Tgt Ion:	42	Resp:	10062
Ion	Ratio	Lower	Upper
42	100		
72	38.7	29.4	44.0
71	35.8	28.0	42.0

Instrument :

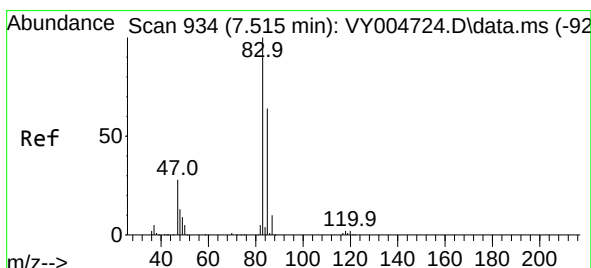
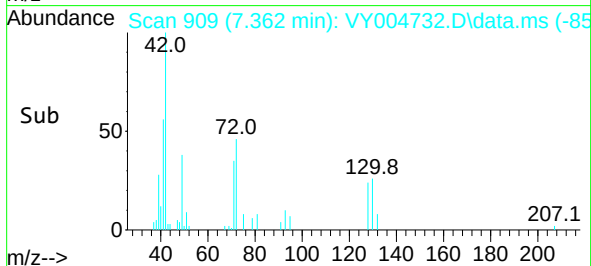
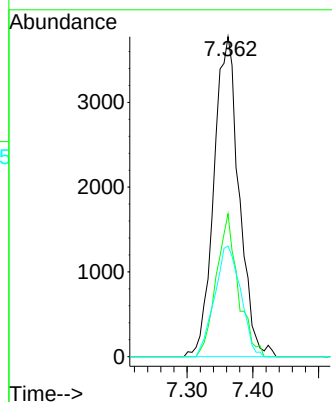
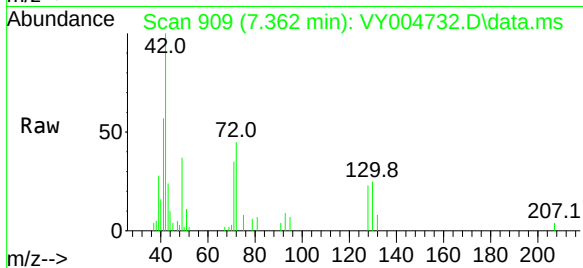
MSVOA_Y

ClientSampleId :

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#30

Chloroform

Concen: 4.17 ug/l

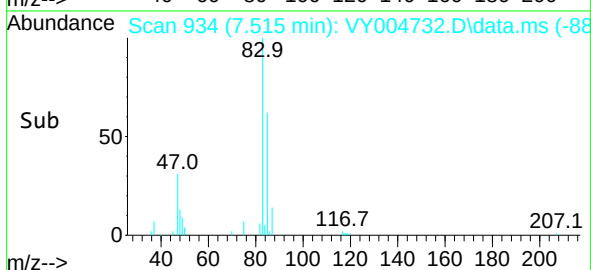
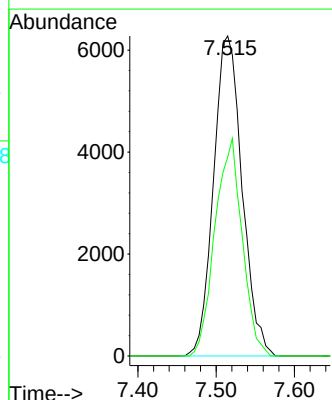
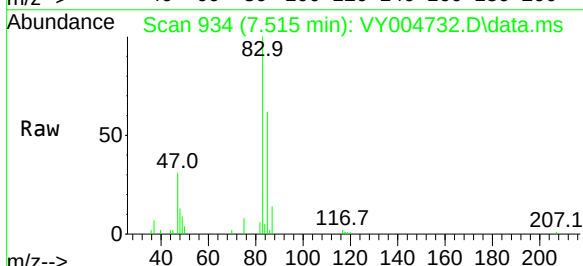
RT: 7.515 min Scan# 934

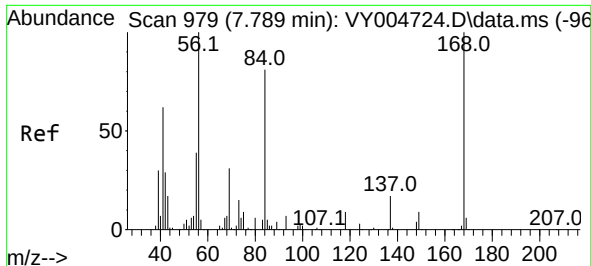
Delta R.T. 0.000 min

Lab File: VY004732.D

Acq: 10 May 2021 16:16

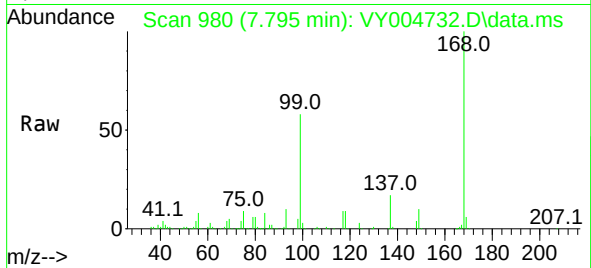
Tgt Ion:	83	Resp:	15911
Ion	Ratio	Lower	Upper
83	100		
85	62.2	51.3	76.9





#31
Cyclohexane
Concen: 4.80 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

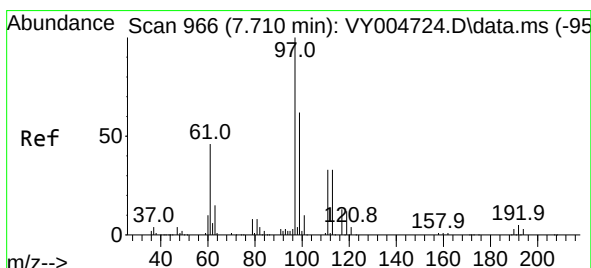
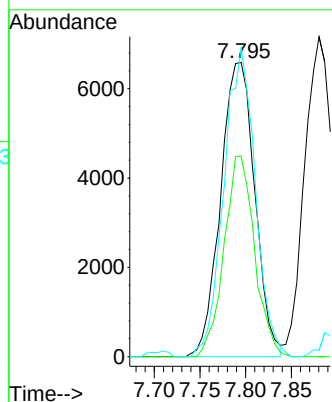
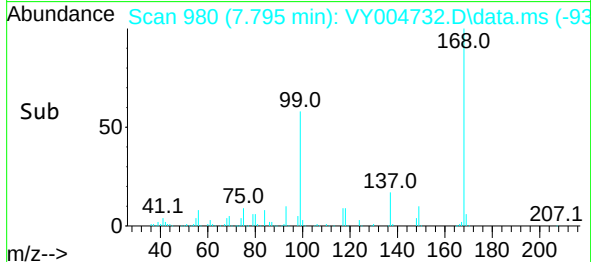
Instrument :
MSVOA_Y
ClientSampleId :
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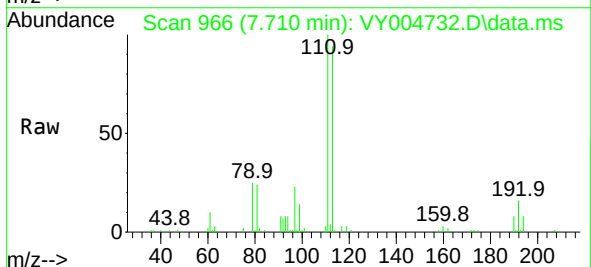
Tgt Ion: 56 Resp: 17151
Ion Ratio Lower Upper
56 100
69 68.2 24.4 36.6#
84 105.0 64.8 97.2#

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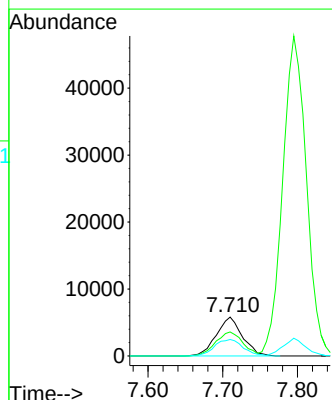
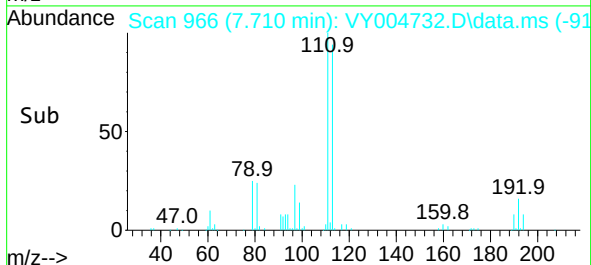
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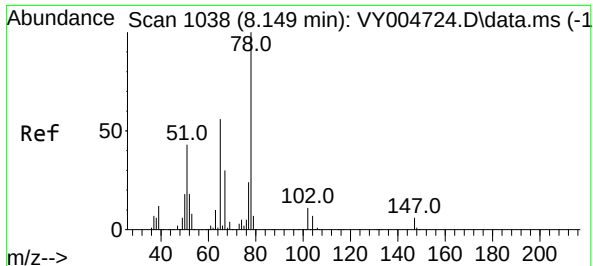


#32
1,1,1-Trichloroethane
Concen: 4.09 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16



Tgt Ion: 97 Resp: 14000
Ion Ratio Lower Upper
97 100
99 65.0 50.7 76.1
61 46.8 37.0 55.6





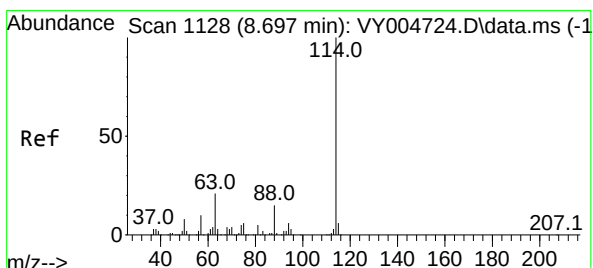
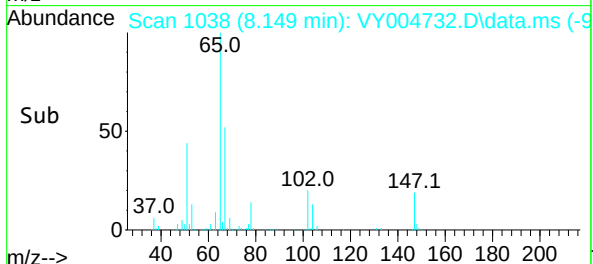
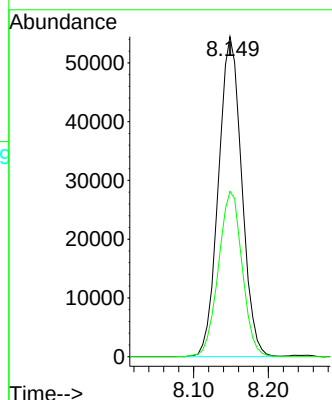
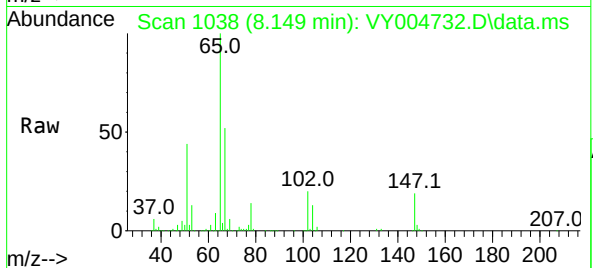
#33
1,2-Dichloroethane-d4
Concen: 53.51 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

Tgt Ion: 65 Resp: 118041
Ion Ratio Lower Upper
65 100
67 52.6 0.0 108.0

Instrument :
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ClientSampleId :
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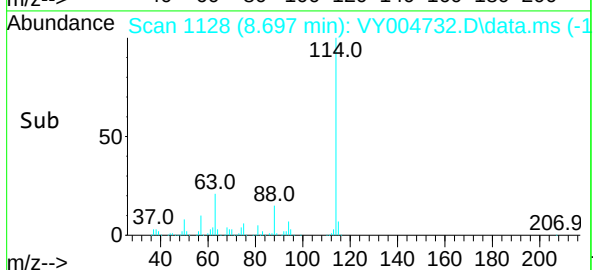
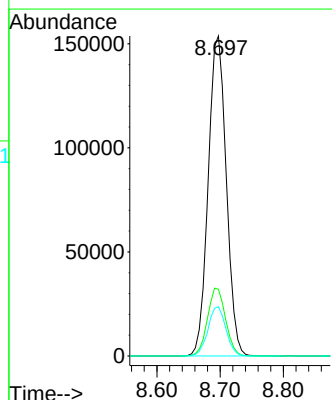
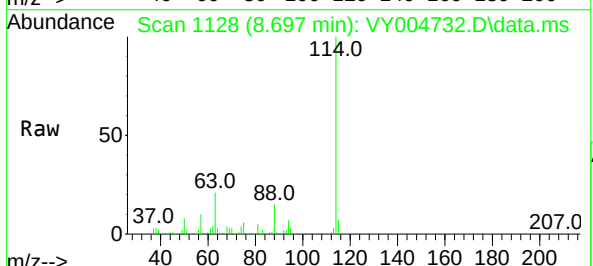
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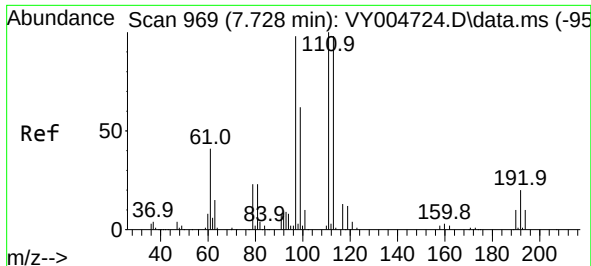
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#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

Tgt Ion: 114 Resp: 305472
Ion Ratio Lower Upper
114 100
63 20.8 0.0 42.8
88 15.4 0.0 31.0





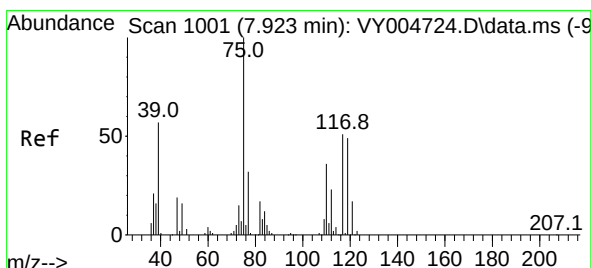
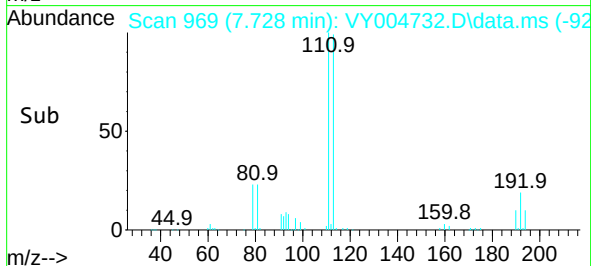
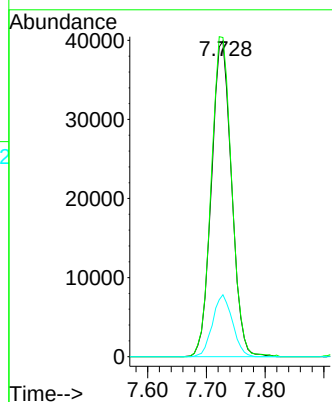
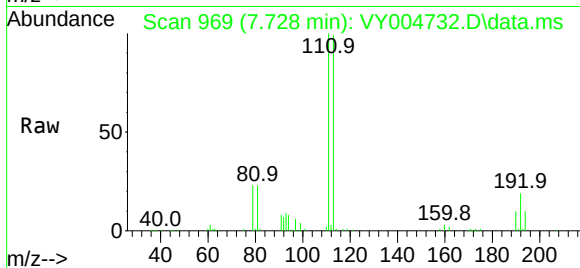
#35
Dibromofluoromethane
Concen: 56.83 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

Tgt Ion:	113	Resp:	95029
Ion Ratio	Lower	Upper	
113	100		
111	102.4	80.5	120.7
192	19.4	15.0	22.6

Instrument :
MSVOA_Y
ClientSampleId :
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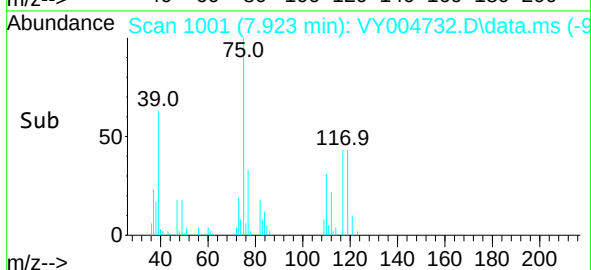
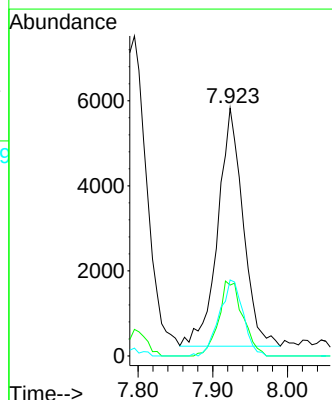
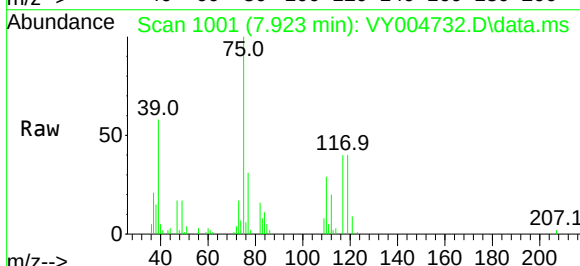
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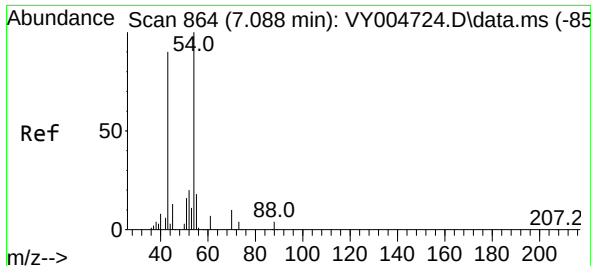
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#36
1,1-Dichloropropene
Concen: 4.21 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

Tgt Ion:	75	Resp:	13167
Ion Ratio	Lower	Upper	
75	100		
110	30.1	17.0	50.9
77	30.0	25.0	37.4





#37

Ethyl Acetate

Concen: 4.23 ug/l

RT: 7.088 min Scan# 864

Delta R.T. 0.000 min

Lab File: VY004732.D

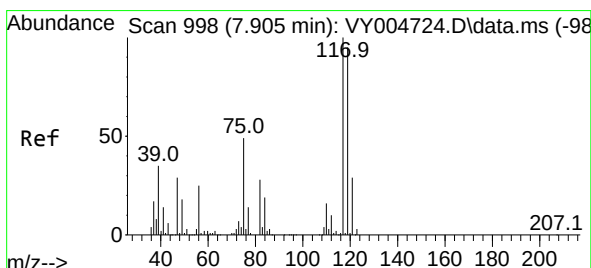
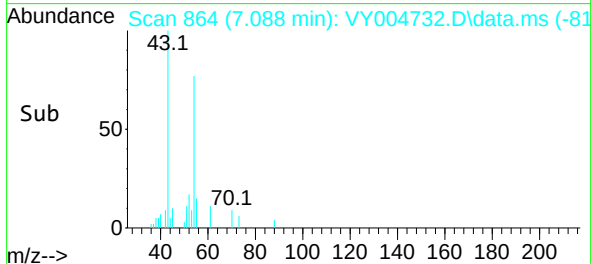
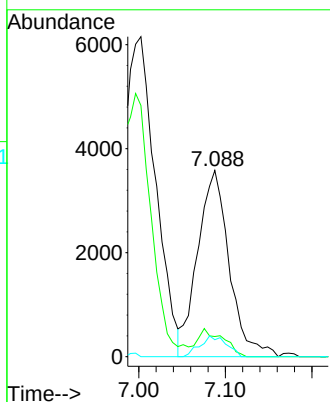
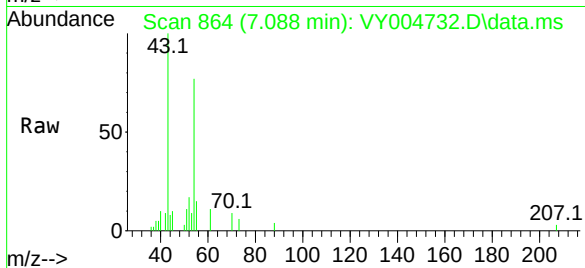
Acq: 10 May 2021 16:16

Tgt Ion:	43	Resp:	9085
Ion	Ratio	Lower	Upper
43	100		
61	12.3	9.9	14.9
70	9.3	6.7	10.1

Instrument :
MSVOA_Y
ClientSampleId :
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#38

Carbon Tetrachloride

Concen: 3.54 ug/l

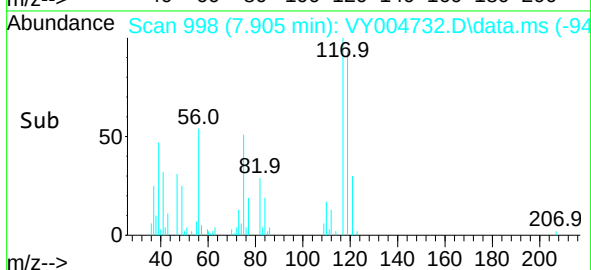
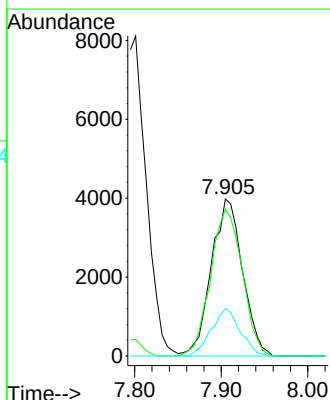
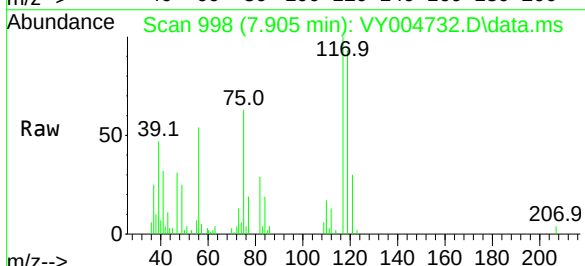
RT: 7.905 min Scan# 998

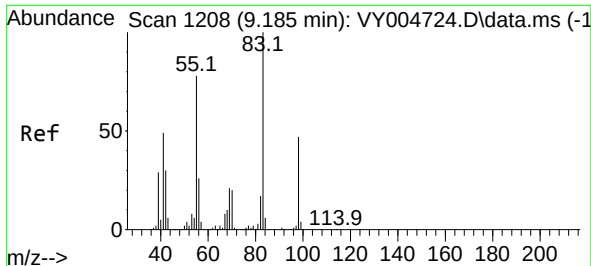
Delta R.T. 0.000 min

Lab File: VY004732.D

Acq: 10 May 2021 16:16

Tgt Ion:	117	Resp:	9971
Ion	Ratio	Lower	Upper
117	100		
119	93.4	76.3	114.5
121	30.2	23.0	34.6





#39

Methylcyclohexane

Concen: 3.86 ug/l

RT: 9.185 min Scan# 1208

Delta R.T. 0.000 min

Lab File: VY004732.D

Acq: 10 May 2021 16:16

Tgt Ion:	83	Resp:	13190
Ion	Ratio	Lower	Upper
83	100		
55	73.1	62.6	94.0
98	46.1	37.8	56.6

Instrument :

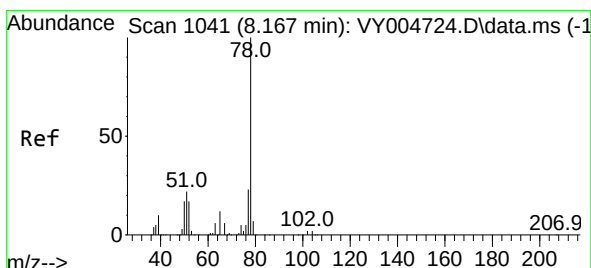
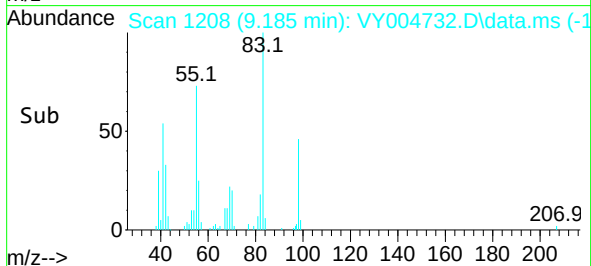
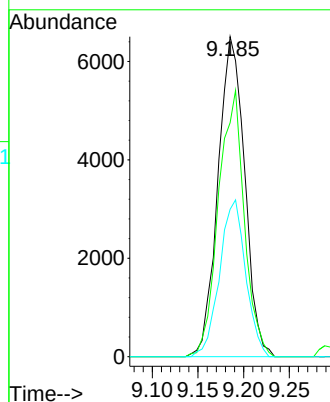
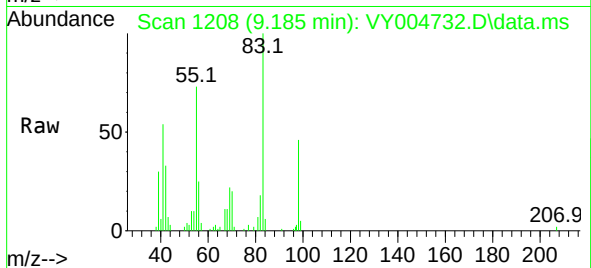
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ClientSampleId :

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#40

Benzene

Concen: 3.96 ug/l

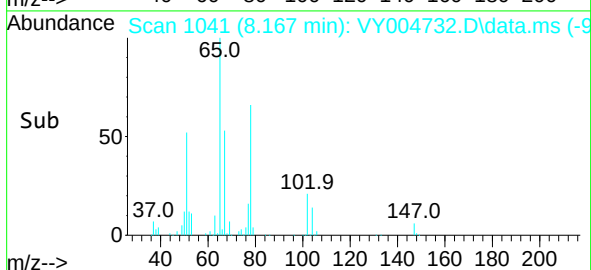
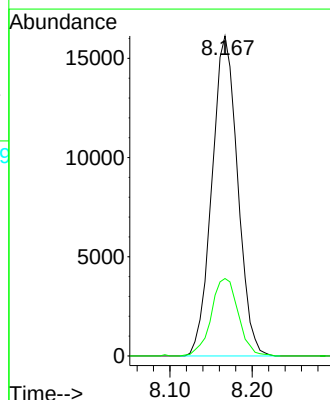
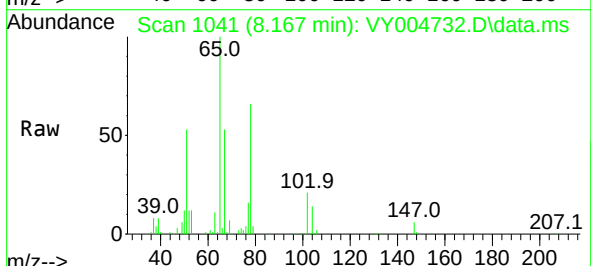
RT: 8.167 min Scan# 1041

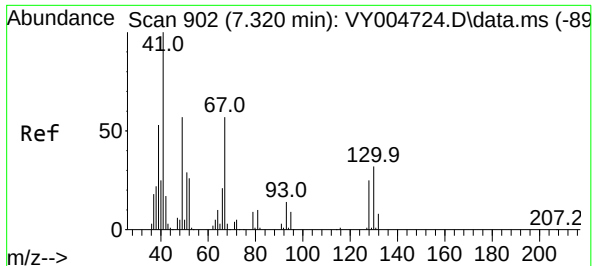
Delta R.T. 0.000 min

Lab File: VY004732.D

Acq: 10 May 2021 16:16

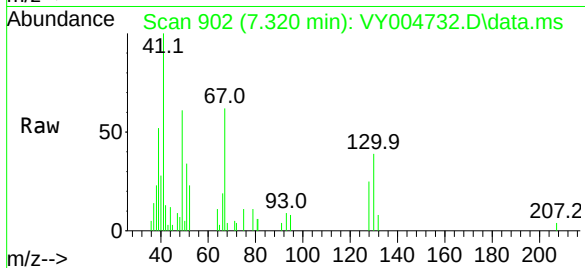
Tgt Ion:	78	Resp:	35028
Ion	Ratio	Lower	Upper
78	100		
77	24.2	18.4	27.6





#41
Methacrylonitrile
Concen: 3.92 ug/l m
RT: 7.320 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

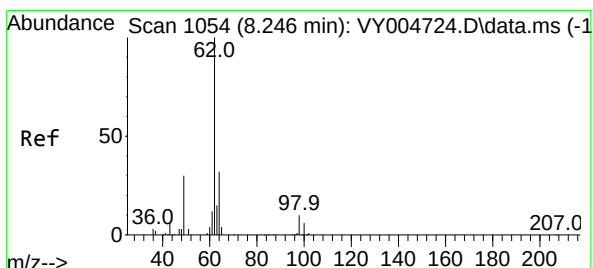
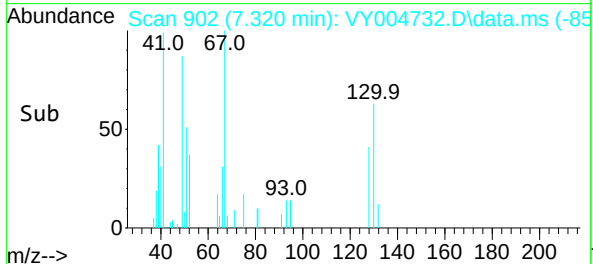
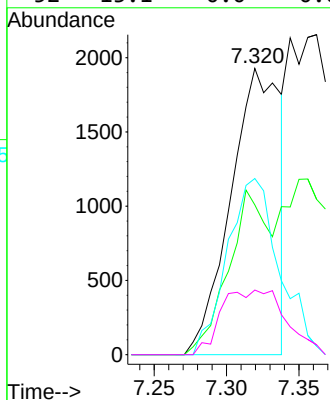
Instrument :
MSVOA_Y
ClientSampleId :
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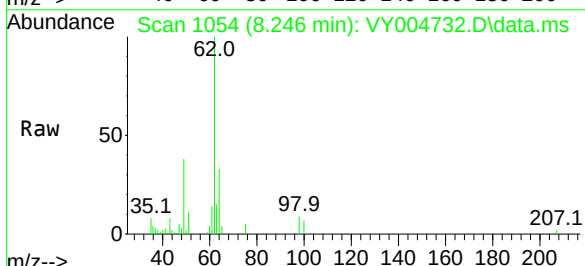
Tgt Ion:	41	Resp:	4595
Ion Ratio	Lower	Upper	
41	100		
39	47.2	0.0	0.0#
67	64.4	0.0	0.0#
52	13.1	0.0	0.0#

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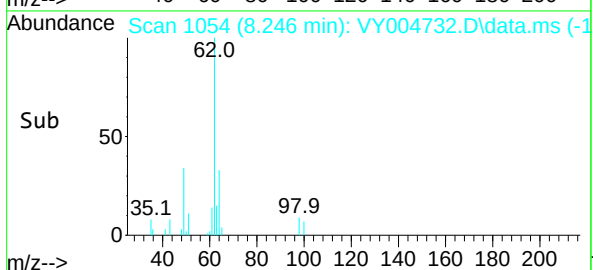
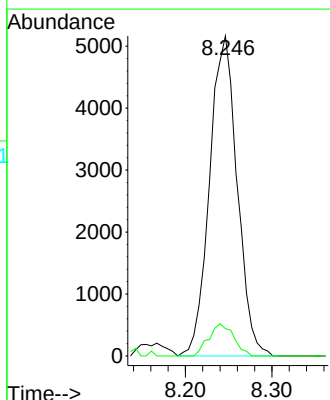
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5/11/2021 10:36:04 AM

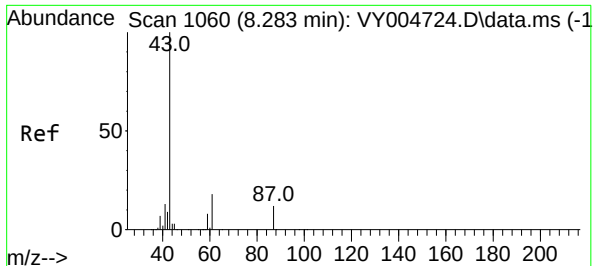


#42
1,2-Dichloroethane
Concen: 4.10 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16



Tgt Ion:	62	Resp:	11448
Ion Ratio	Lower	Upper	
62	100		
98	9.1	0.0	18.2





#43

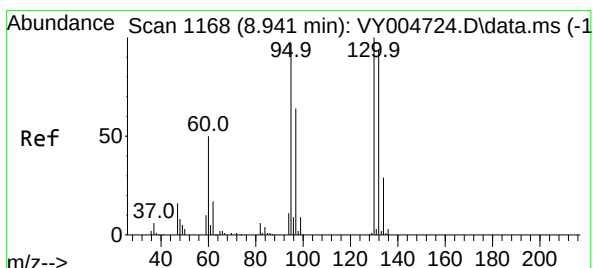
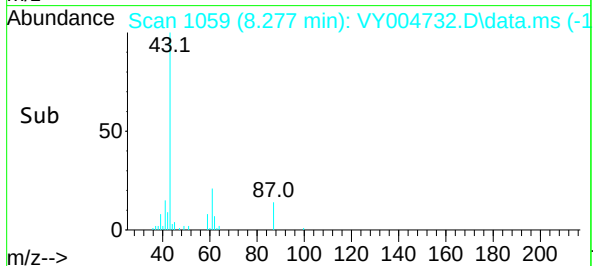
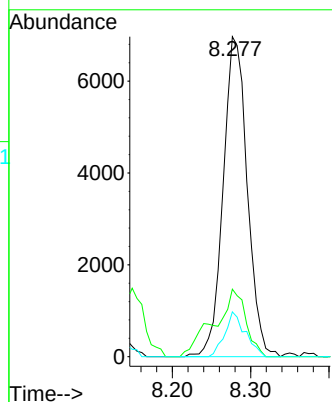
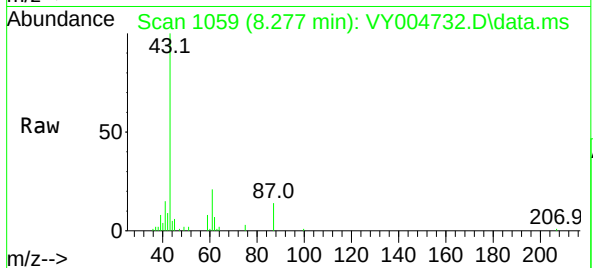
Isopropyl Acetate
Concen: 3.74 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. -0.006 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

Tgt Ion	Ratio	Lower	Upper
43	100		
61	18.1	20.3	30.5#
87	12.0	9.2	13.8

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

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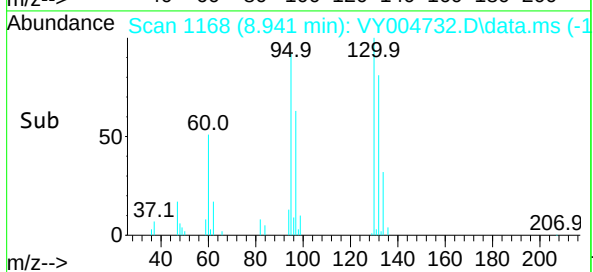
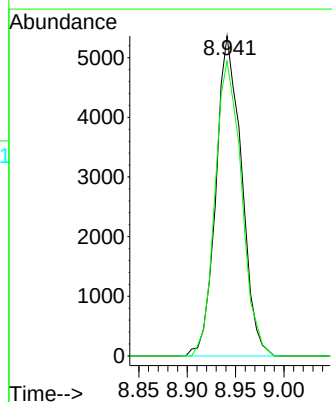
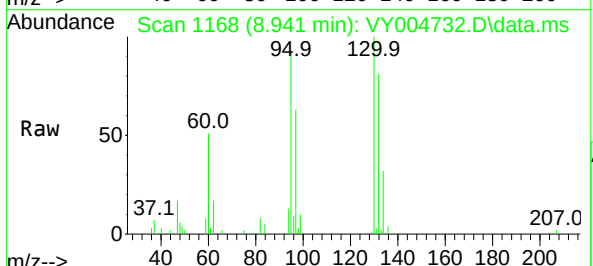
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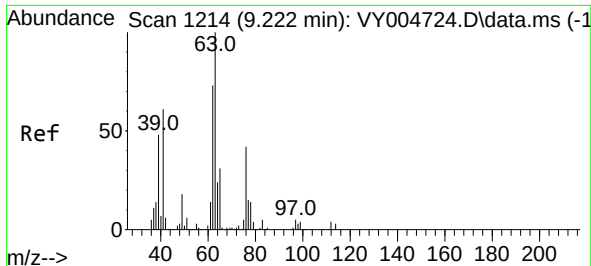


#44

Trichloroethene
Concen: 4.13 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.2	0.0	193.6





#45

1,2-Dichloropropane

Concen: 4.06 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. 0.000 min

Lab File: VY004732.D

Acq: 10 May 2021 16:16

Tgt Ion: 63 Resp: 9395

Ion Ratio Lower Upper

63 100

65 29.2 25.0 37.4

Instrument :

MSVOA_Y

ClientSampleId :

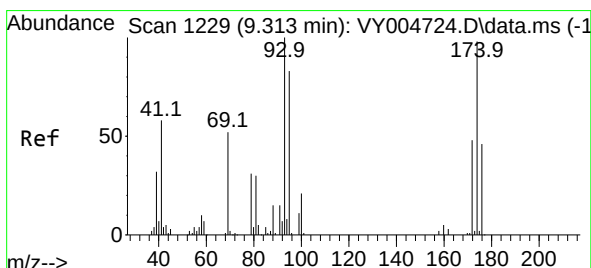
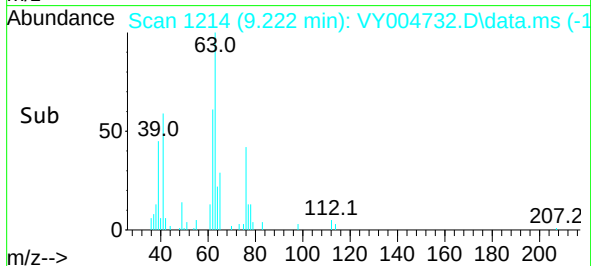
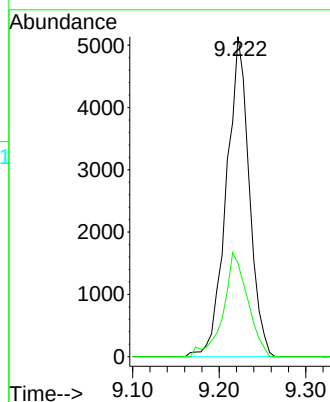
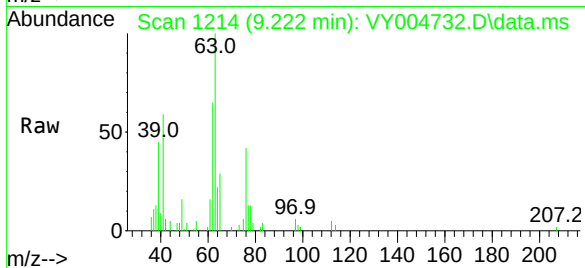
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#46

Dibromomethane

Concen: 3.96 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. -0.006 min

Lab File: VY004732.D

Acq: 10 May 2021 16:16

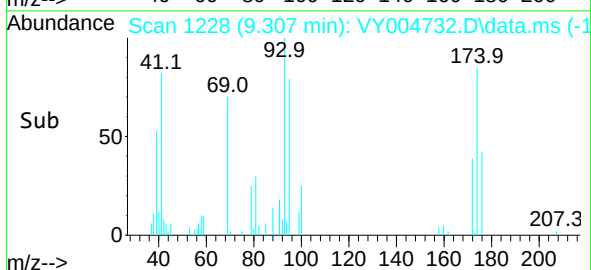
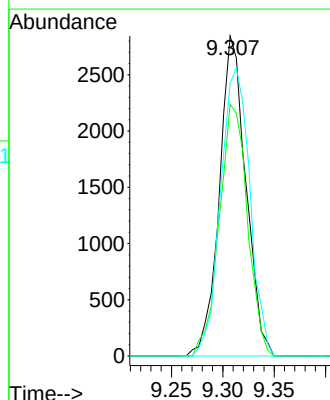
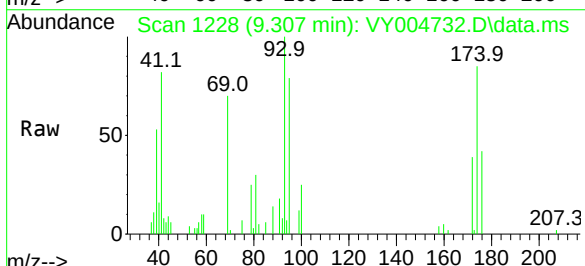
Tgt Ion: 93 Resp: 5097

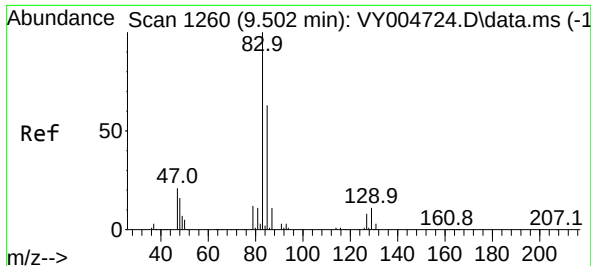
Ion Ratio Lower Upper

93 100

95 83.5 66.8 100.2

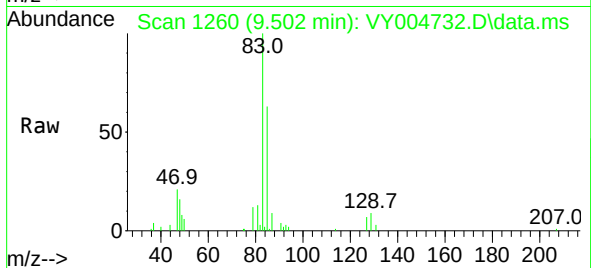
174 99.3 75.9 113.9





#47
Bromodichloromethane
Concen: 4.08 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

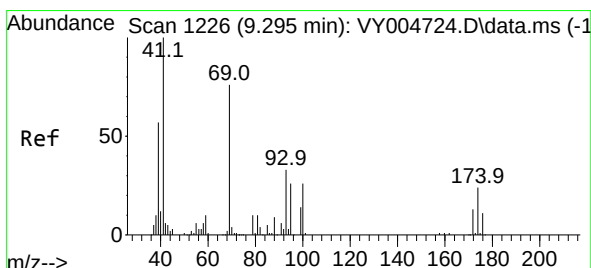
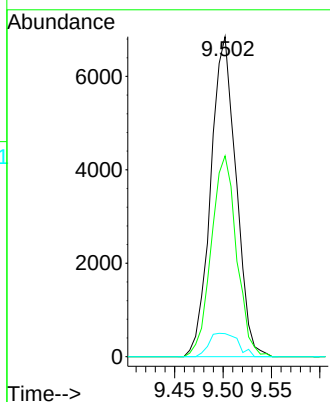
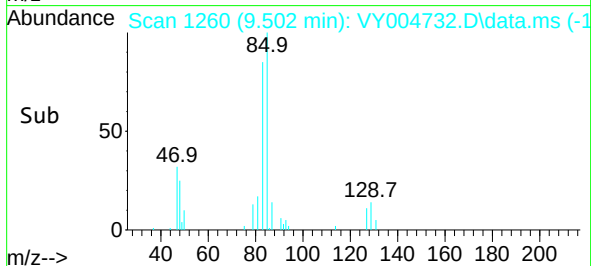
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



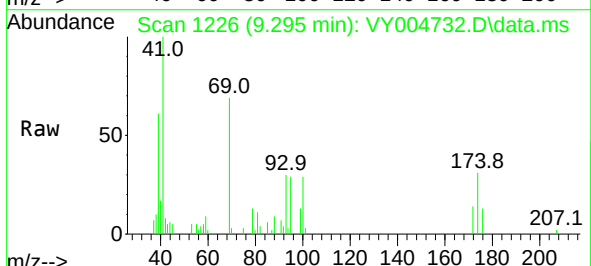
Tgt Ion: 83 Resp: 12462
Ion Ratio Lower Upper
83 100
85 62.7 50.4 75.6
127 7.2 6.6 9.8

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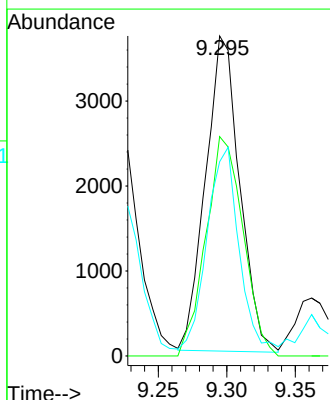
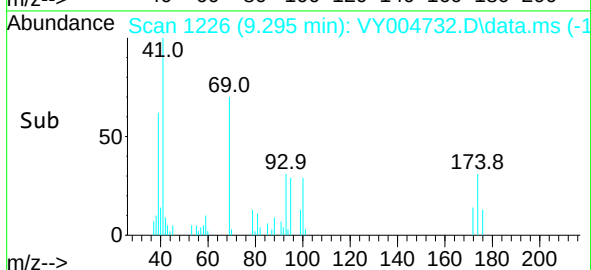
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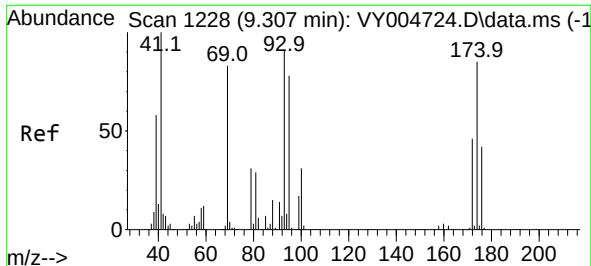


#48
Methyl methacrylate
Concen: 3.55 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

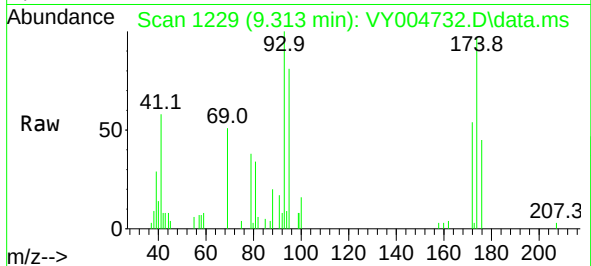


Tgt Ion: 41 Resp: 6425
Ion Ratio Lower Upper
41 100
69 75.9 62.0 93.0
39 64.2 48.4 72.6

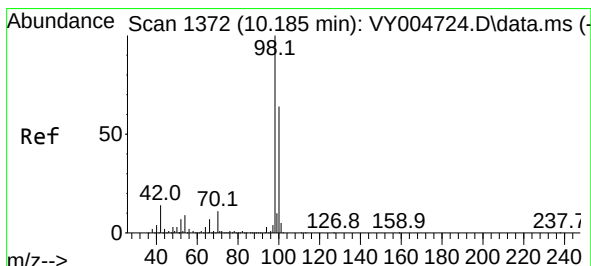
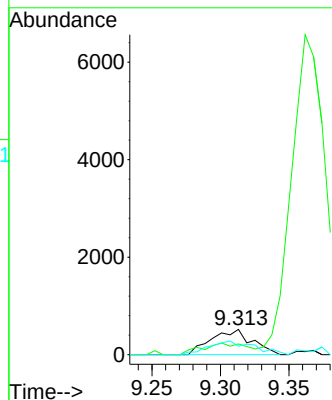
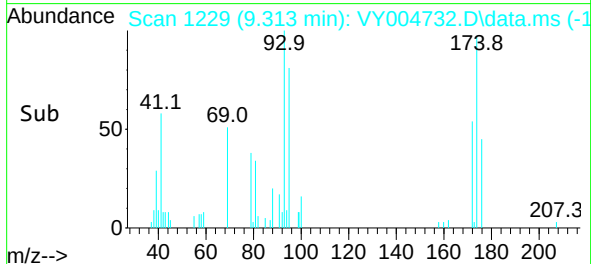




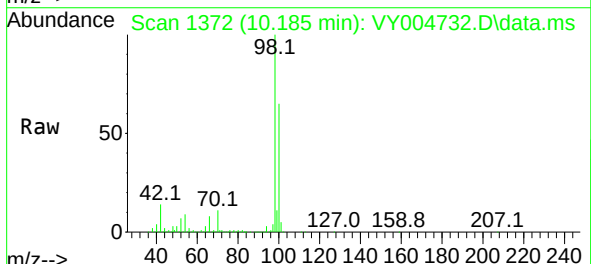
#49
1,4-Dioxane
Concen: 70.44 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16



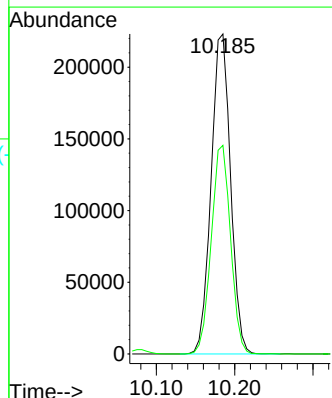
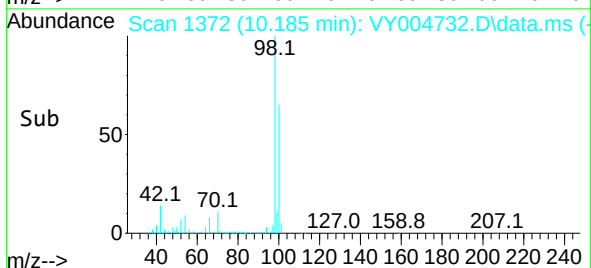
Tgt Ion: 88 Resp: 1068
Ion Ratio Lower Upper
88 100
43 50.2 32.1 48.1#
58 61.1 64.2 96.4#



#50
Toluene-d8
Concen: 50.90 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16



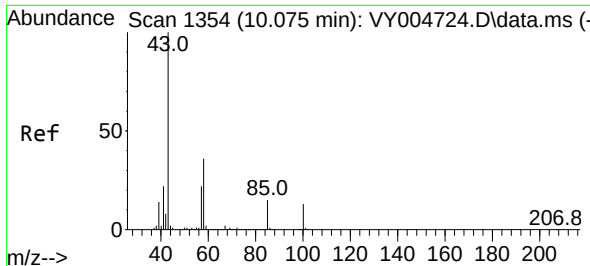
Tgt Ion: 98 Resp: 384545
Ion Ratio Lower Upper
98 100
100 64.8 51.5 77.3



Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

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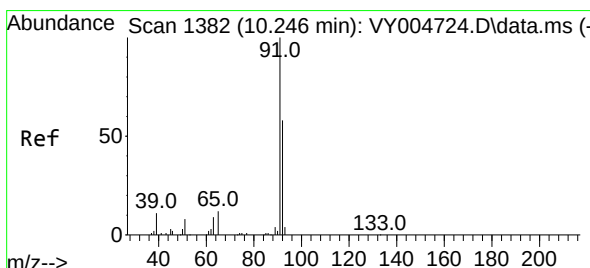
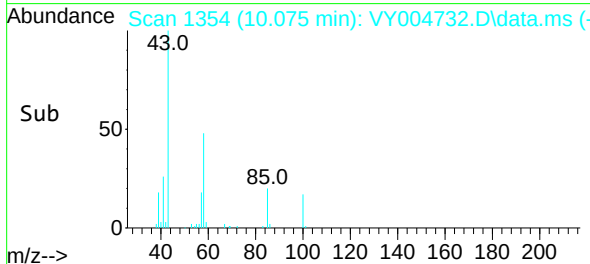
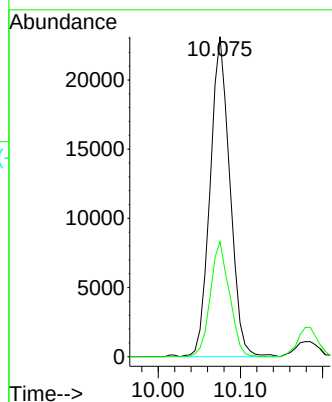
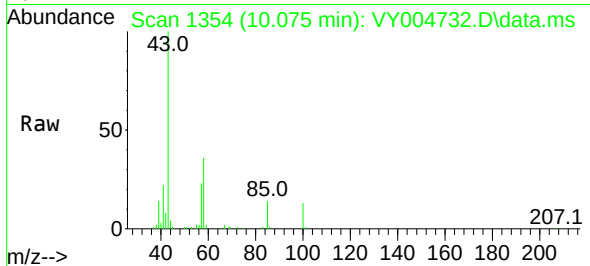
#51
4-Methyl-2-Pentanone
Concen: 18.03 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

Tgt Ion: 43 Resp: 38624
Ion Ratio Lower Upper
43 100
58 34.7 28.7 43.1

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

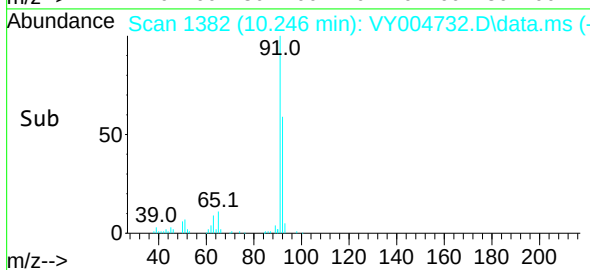
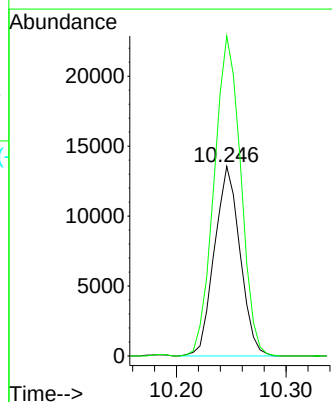
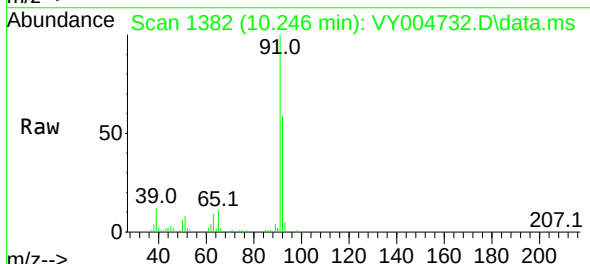
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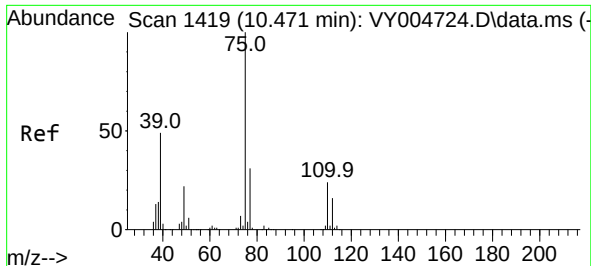
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#52
Toluene
Concen: 3.94 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

Tgt Ion: 92 Resp: 22017
Ion Ratio Lower Upper
92 100
91 175.6 138.2 207.4





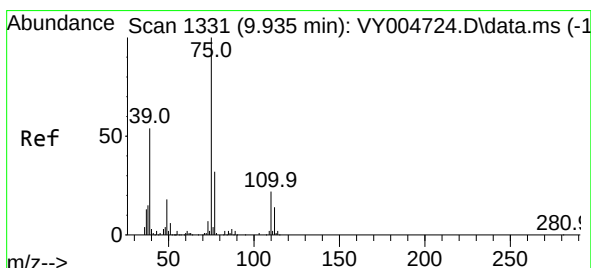
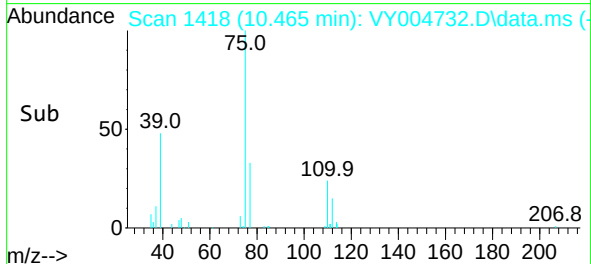
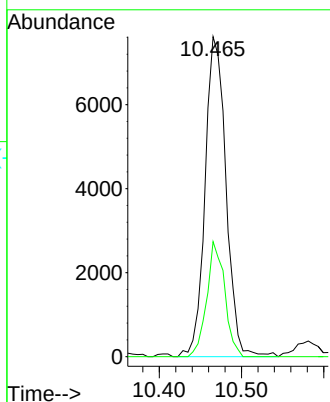
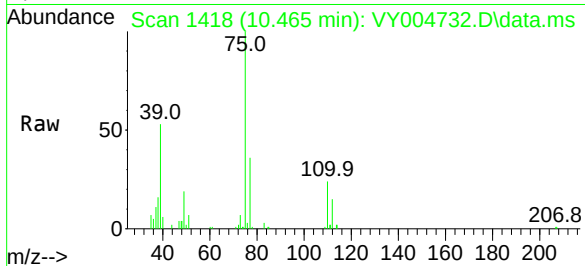
#53
t-1,3-Dichloropropene
Concen: 3.98 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.006 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

Tgt Ion: 75 Resp: 13483
Ion Ratio Lower Upper
75 100
77 36.0 24.8 37.2

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

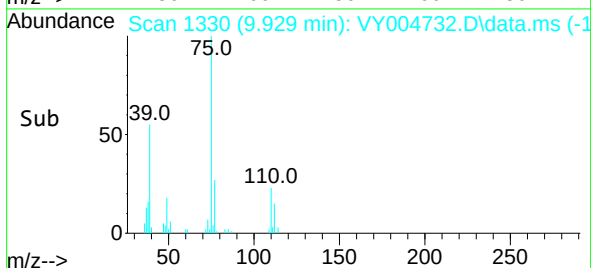
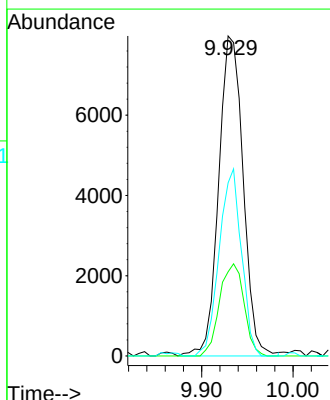
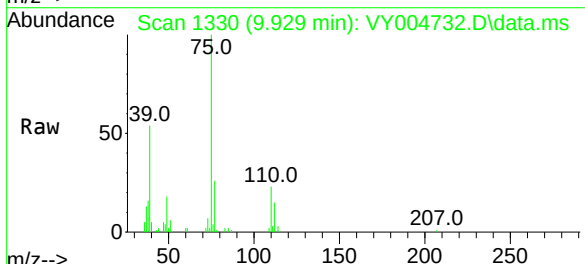
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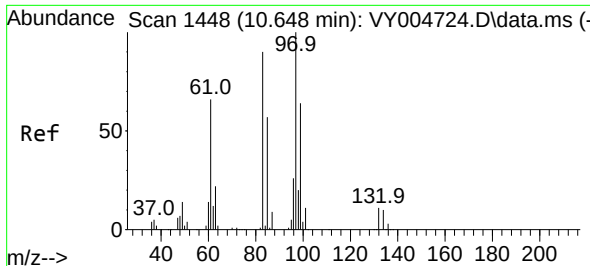
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#54
cis-1,3-Dichloropropene
Concen: 3.94 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.006 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

Tgt Ion: 75 Resp: 14851
Ion Ratio Lower Upper
75 100
77 26.3 25.4 38.0
39 54.1 43.2 64.8





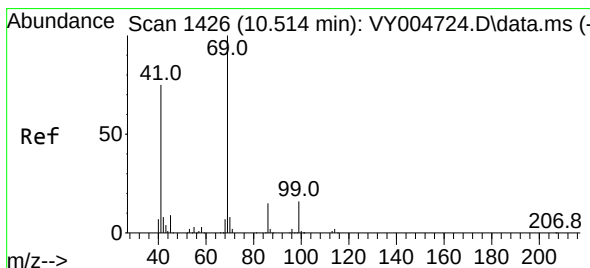
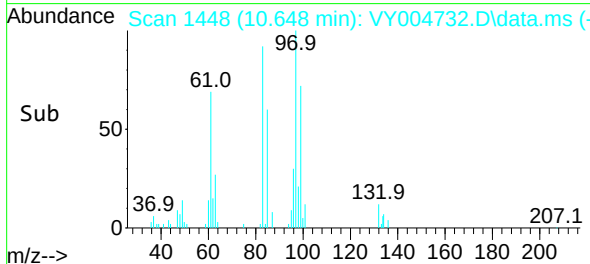
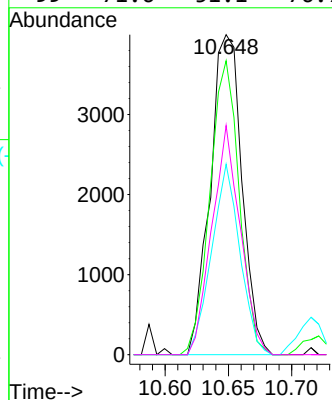
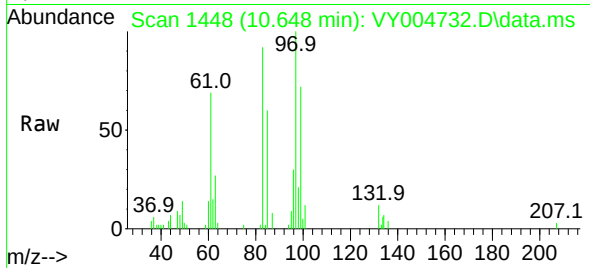
#55
1,1,2-Trichloroethane
Concen: 3.94 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

Tgt Ion:	97	Resp:	6973
Ion	Ratio	Lower	Upper
97	100		
83	91.9	71.9	107.9
85	59.5	45.8	68.6
99	71.6	51.1	76.7

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

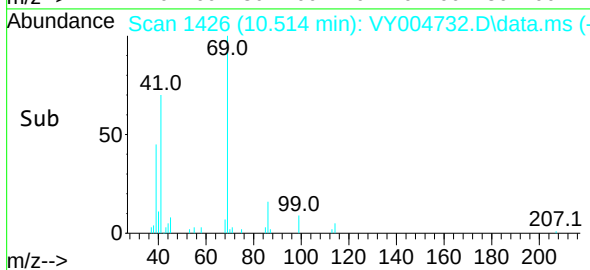
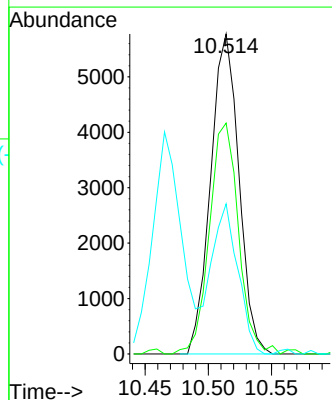
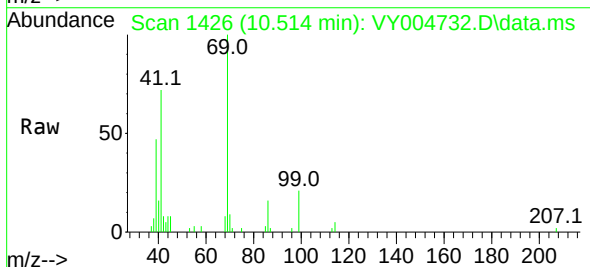
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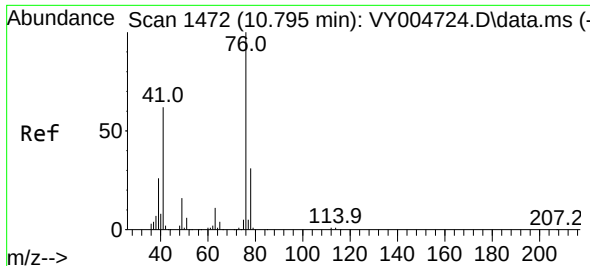
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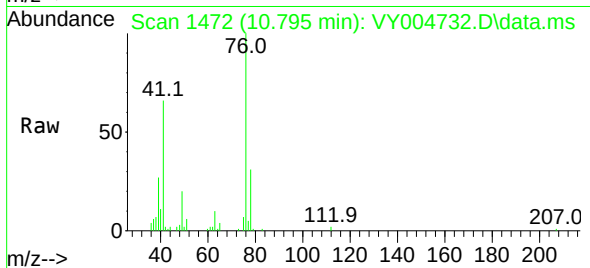
#56
Ethyl methacrylate
Concen: 3.50 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

Tgt Ion:	69	Resp:	8968
Ion	Ratio	Lower	Upper
69	100		
41	74.7	60.2	90.4
39	45.2	33.5	50.3

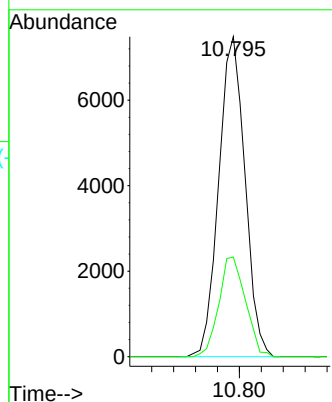
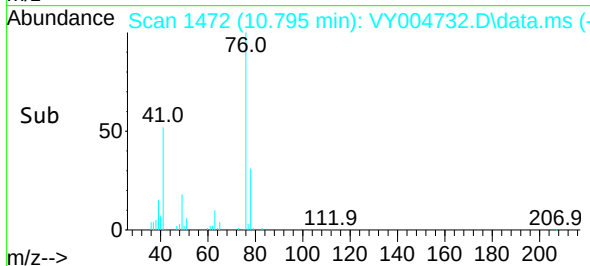




#57
1,3-Dichloropropane
Concen: 3.94 ug/l
RT: 10.795 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16



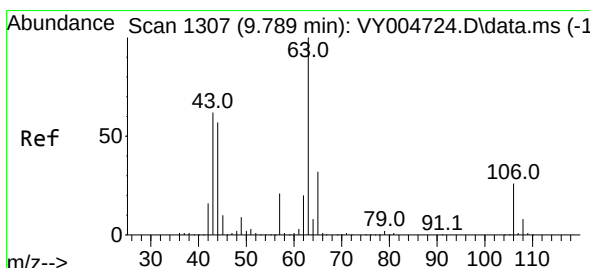
Tgt Ion: 76 Resp: 12423
Ion Ratio Lower Upper
76 100
78 31.7 25.5 38.3



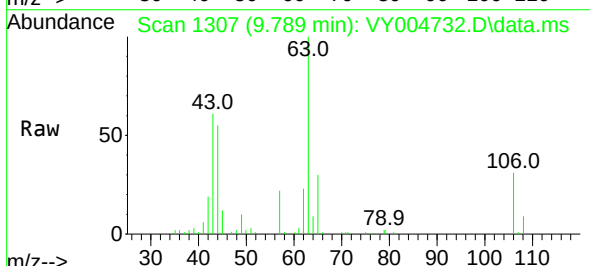
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

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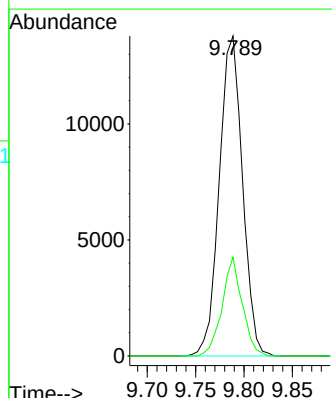
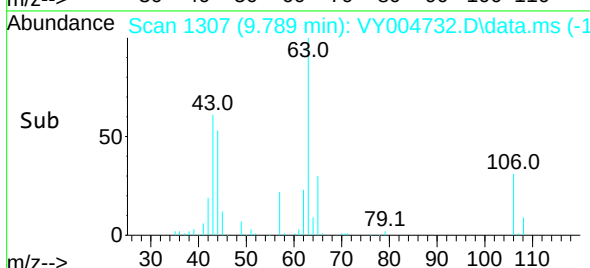
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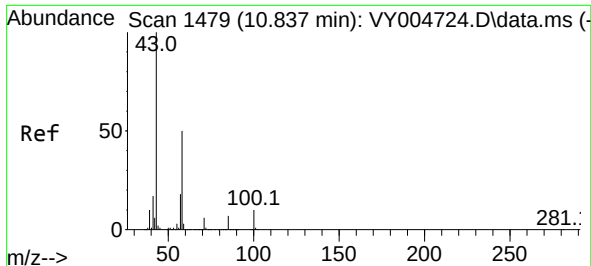


#58
2-Chloroethyl Vinyl ether
Concen: 17.38 ug/l
RT: 9.789 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16



Tgt Ion: 63 Resp: 22988
Ion Ratio Lower Upper
63 100
106 26.7 20.9 31.3





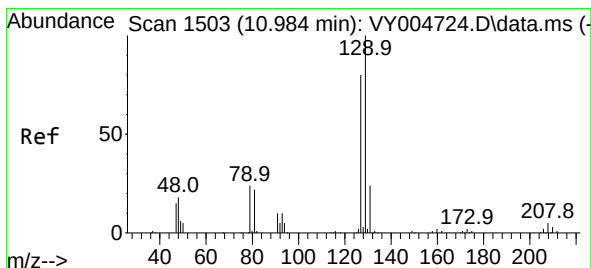
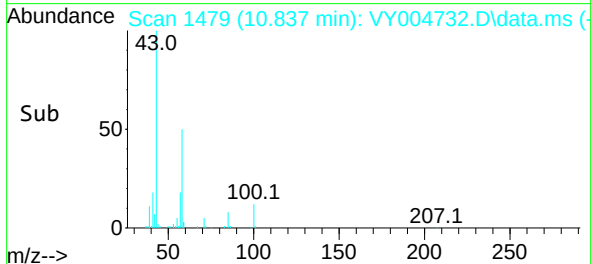
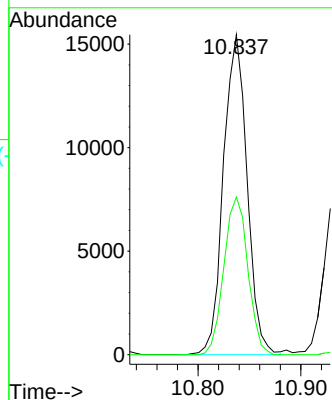
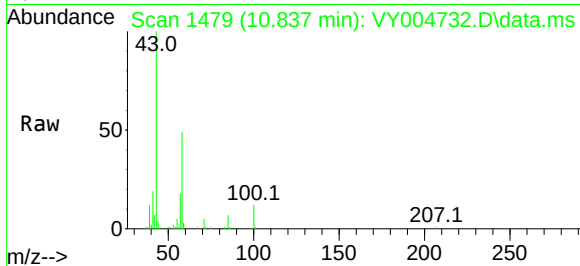
#59
2-Hexanone
Concen: 16.98 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

Tgt Ion: 43 Resp: 24651
Ion Ratio Lower Upper
43 100
58 49.8 24.9 74.8

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

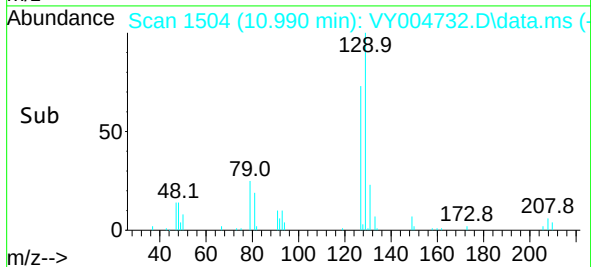
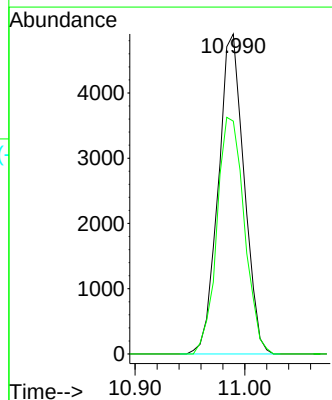
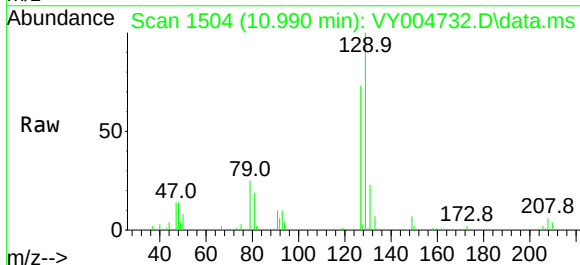
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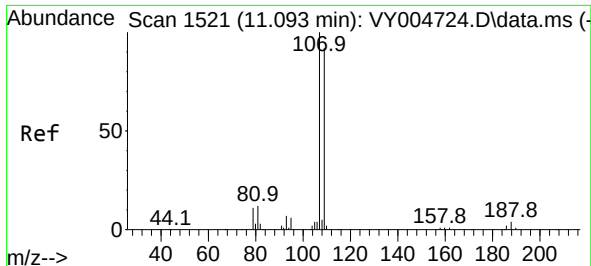
MMDadoda
5/11/2021 10:36:04 AM



#60
Dibromochloromethane
Concen: 3.81 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.006 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

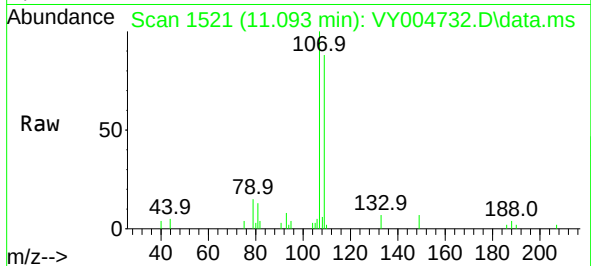
Tgt Ion: 129 Resp: 8021
Ion Ratio Lower Upper
129 100
127 78.5 39.4 118.1





#61
1,2-Dibromoethane
Concen: 3.84 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

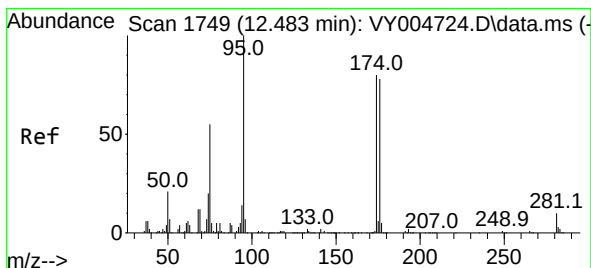
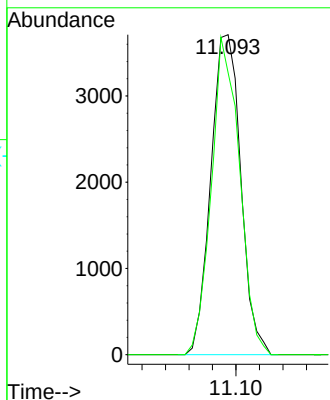
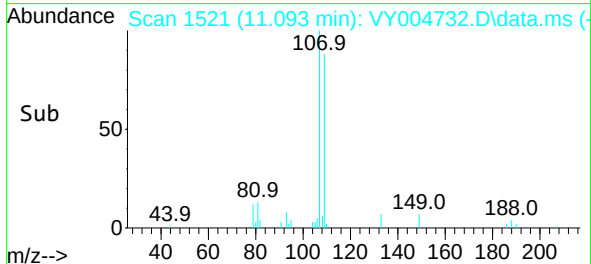
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



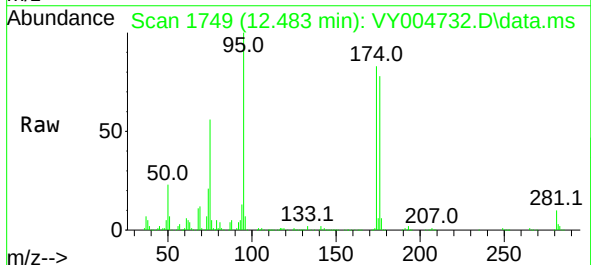
Tgt Ion:107 Resp: 6563
Ion Ratio Lower Upper
107 100
109 93.4 73.8 110.6

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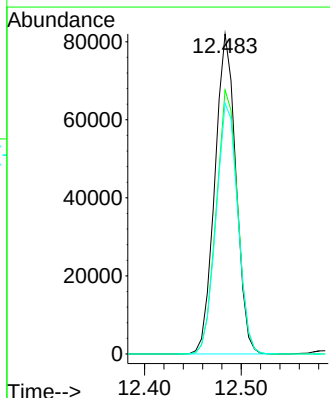
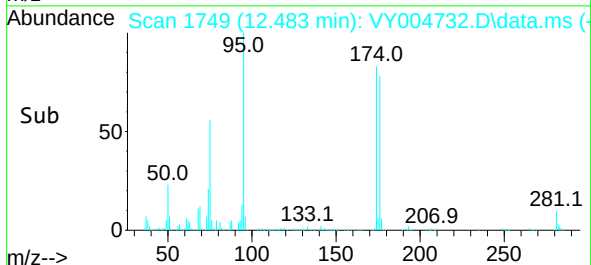
MMDadoda
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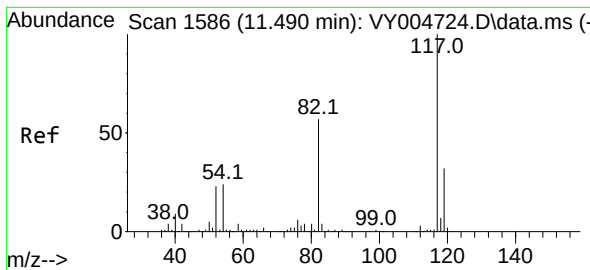


#62
4-Bromofluorobenzene
Concen: 48.60 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

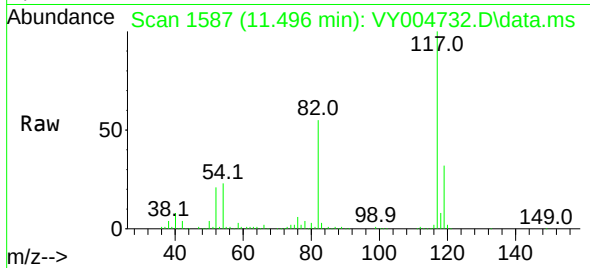


Tgt Ion: 95 Resp: 123904
Ion Ratio Lower Upper
95 100
174 83.8 0.0 164.2
176 80.7 0.0 159.0

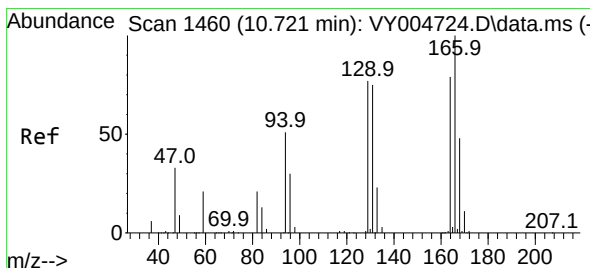
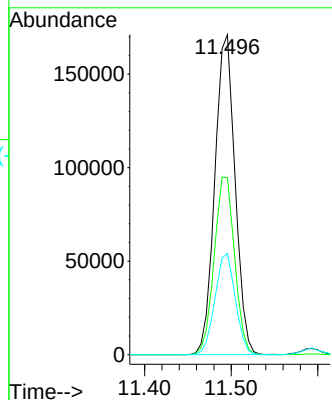
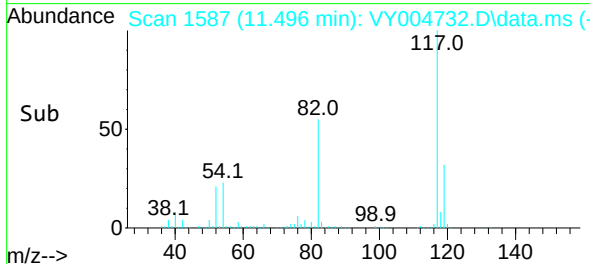




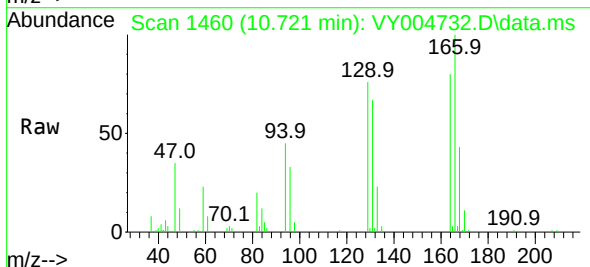
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16



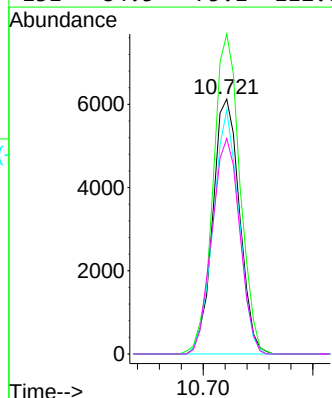
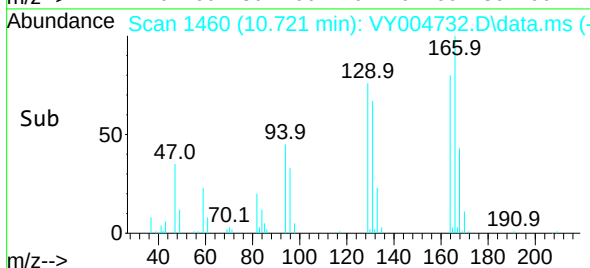
Tgt Ion:117 Resp: 277741
Ion Ratio Lower Upper
117 100
82 55.3 45.4 68.2
119 31.7 25.8 38.6



#64
Tetrachloroethene
Concen: 4.14 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16



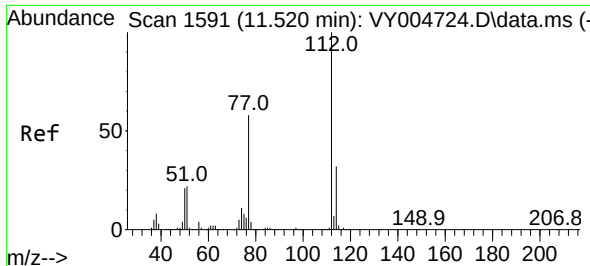
Tgt Ion:164 Resp: 10381
Ion Ratio Lower Upper
164 100
166 125.5 100.8 151.2
129 95.7 77.5 116.3
131 84.5 75.1 112.7



Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

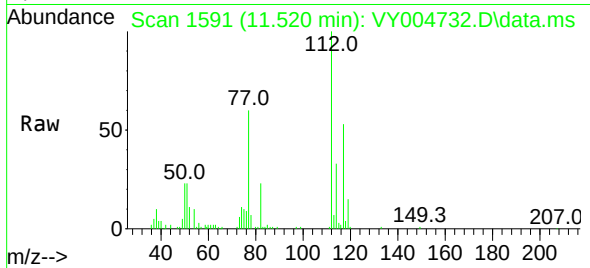
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#65
Chlorobenzene
Concen: 4.17 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

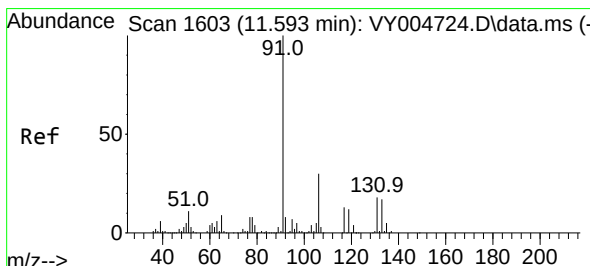
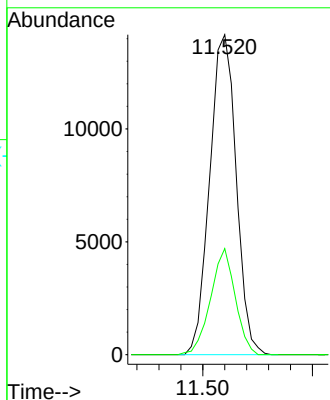
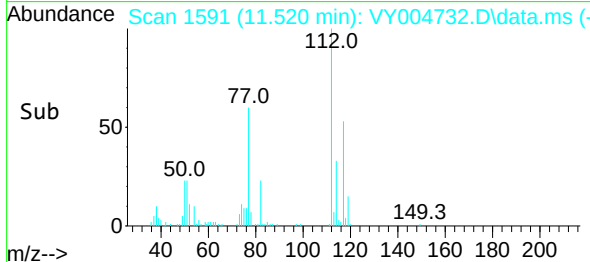
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



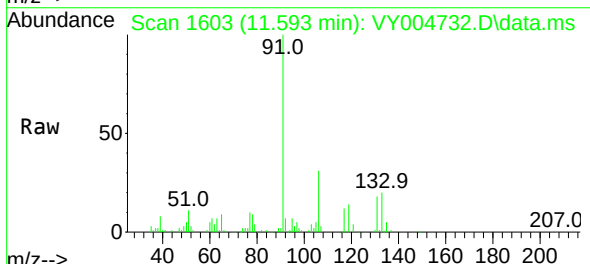
Tgt Ion:112 Resp: 23813
Ion Ratio Lower Upper
112 100
114 33.1 25.4 38.2

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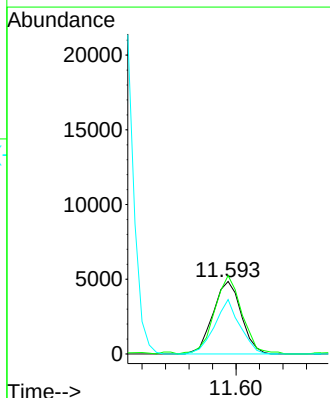
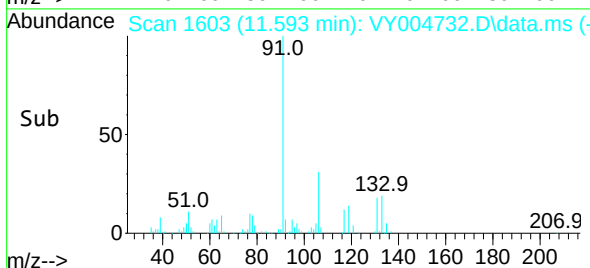
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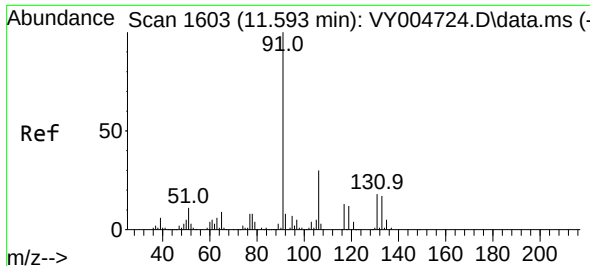


#66
1,1,1,2-Tetrachloroethane
Concen: 3.90 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

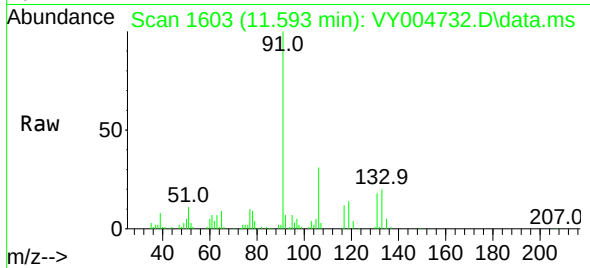


Tgt Ion:131 Resp: 8100
Ion Ratio Lower Upper
131 100
133 104.9 47.9 143.7
119 67.2 32.8 98.4

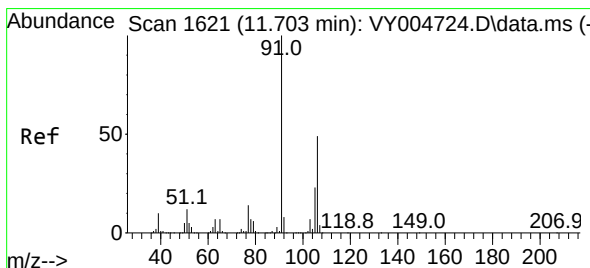
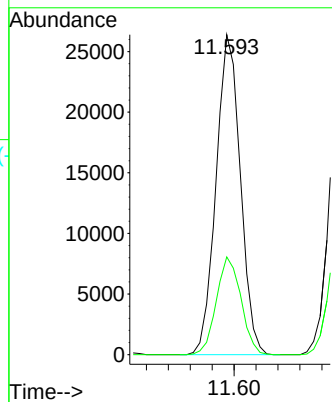
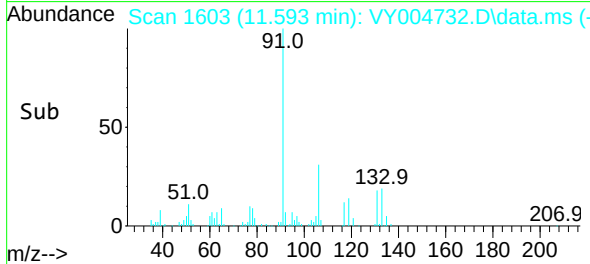




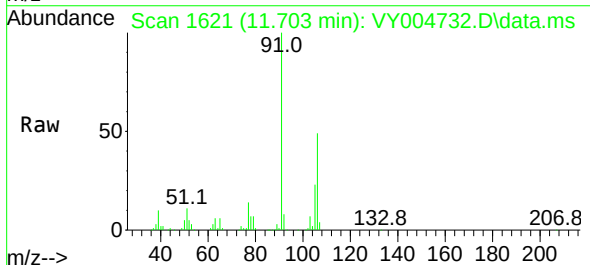
#67
Ethyl Benzene
Concen: 3.82 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16



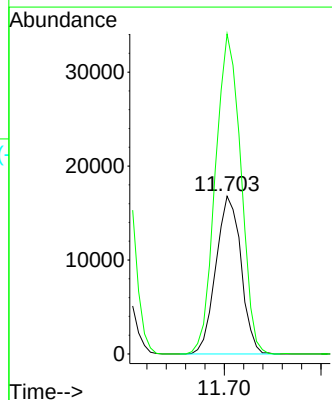
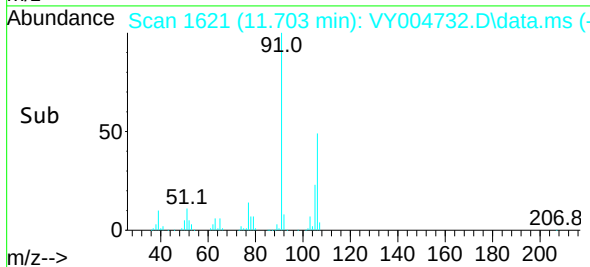
Tgt Ion: 91 Resp: 40621
Ion Ratio Lower Upper
91 100
106 30.5 24.0 36.0



#68
m/p-Xylenes
Concen: 7.59 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16



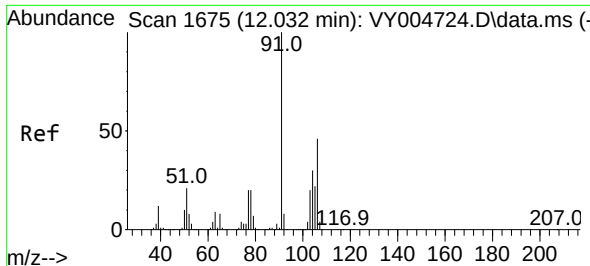
Tgt Ion: 106 Resp: 30274
Ion Ratio Lower Upper
106 100
91 205.3 163.6 245.4



Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

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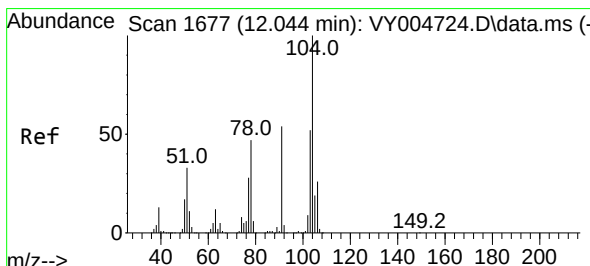
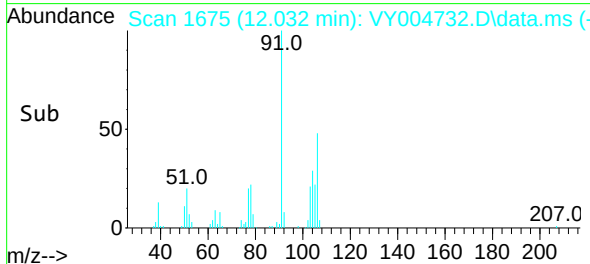
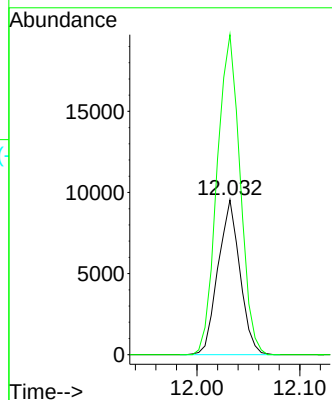
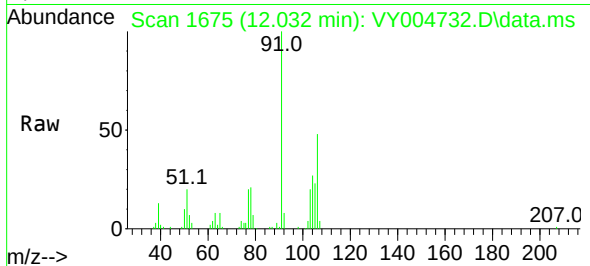
#69
o-Xylene
Concen: 3.78 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

Tgt Ion:106 Resp: 14105
Ion Ratio Lower Upper
106 100
91 218.0 108.9 326.7

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

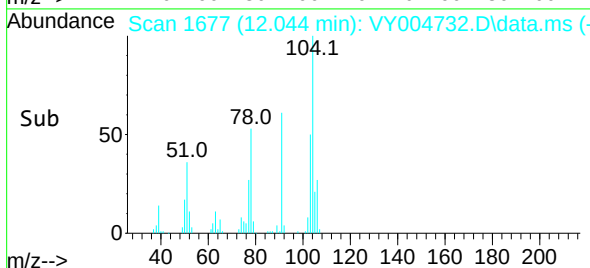
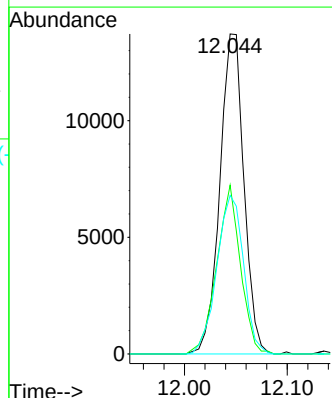
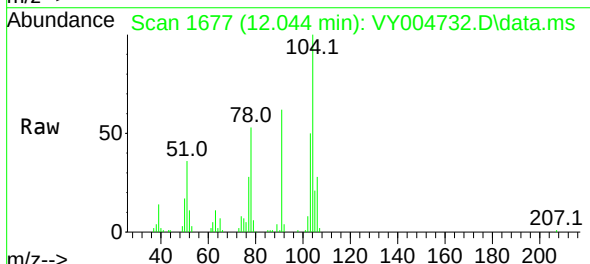
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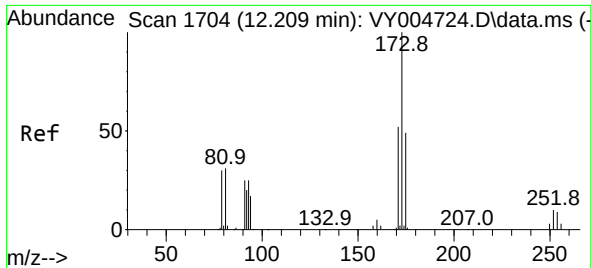
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#70
Styrene
Concen: 3.57 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

Tgt Ion:104 Resp: 22315
Ion Ratio Lower Upper
104 100
78 51.9 40.3 60.5
103 54.9 44.2 66.4





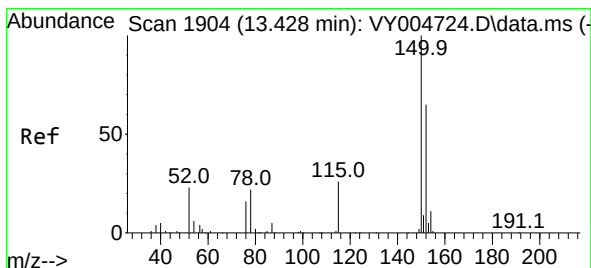
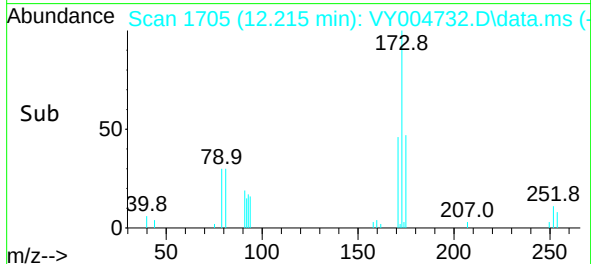
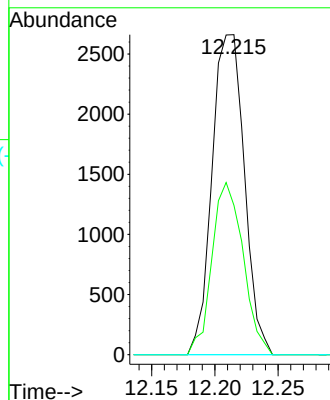
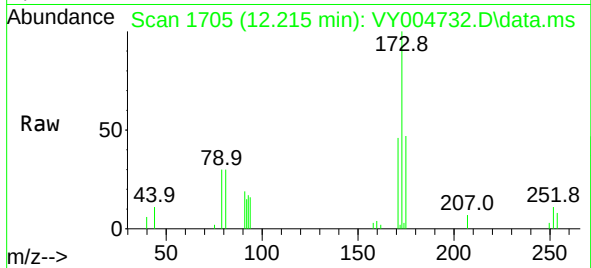
#71
Bromoform
Concen: 3.76 ug/l
RT: 12.215 min Scan# 1705
Delta R.T. 0.006 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

Tgt Ion:173 Resp: 4729
Ion Ratio Lower Upper
173 100
175 51.8 24.1 72.2
254 0.0 0.0 0.0

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

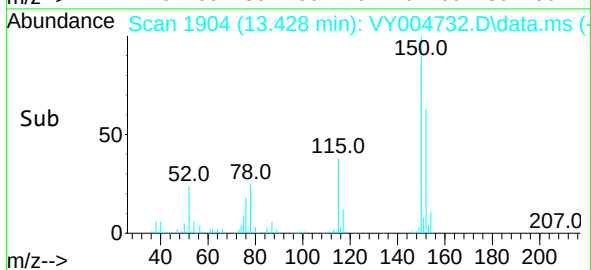
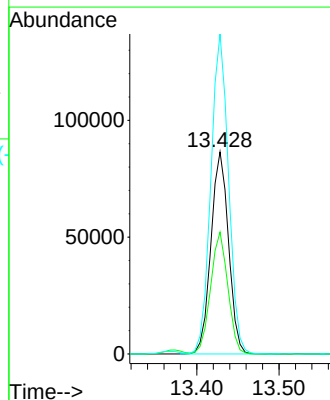
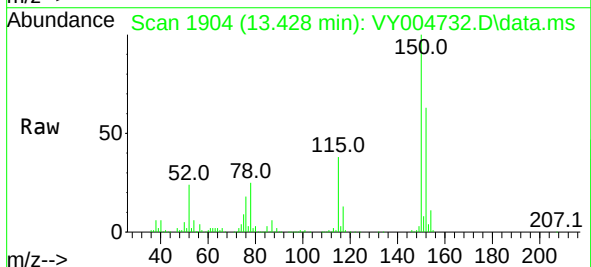
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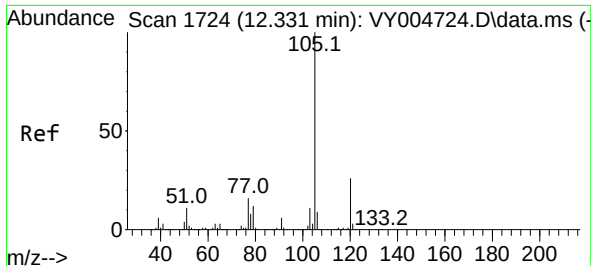
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

Tgt Ion:152 Resp: 128288
Ion Ratio Lower Upper
152 100
115 59.2 29.4 88.3
150 159.0 0.0 349.8





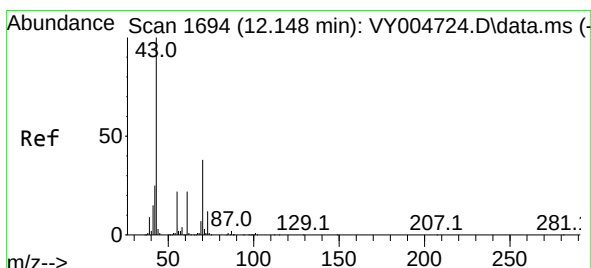
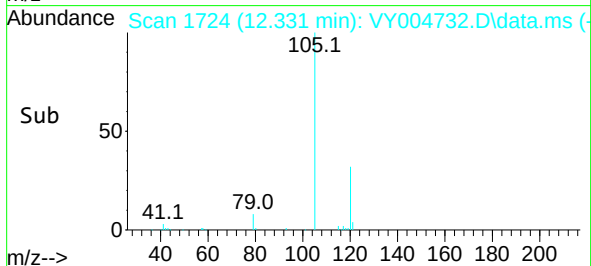
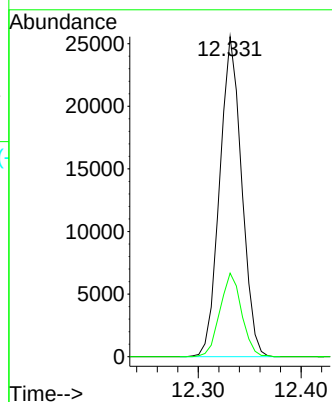
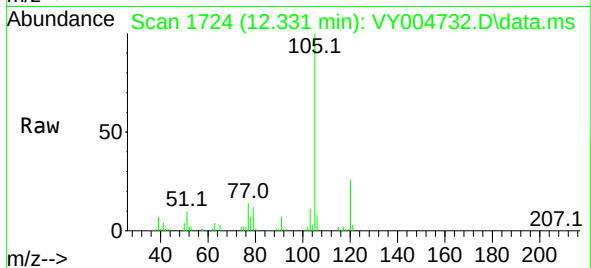
#73
Isopropylbenzene
Concen: 3.92 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

Tgt Ion: 105 Resp: 37956
Ion Ratio Lower Upper
105 100
120 25.7 13.1 39.1

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

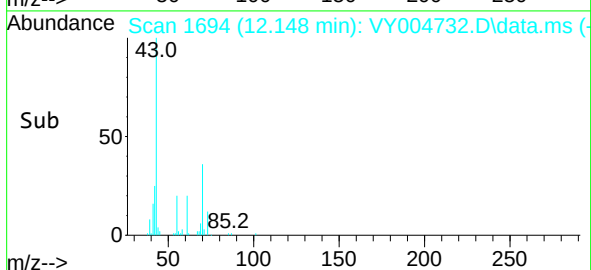
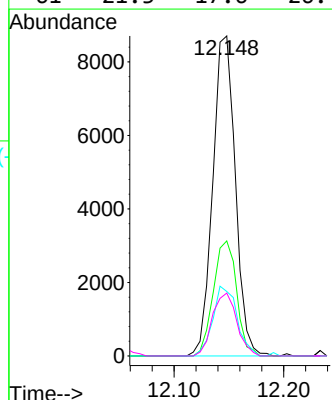
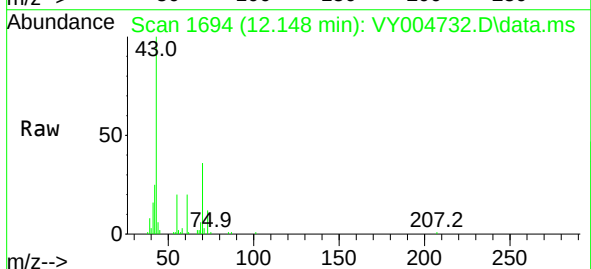
Manual Integrations
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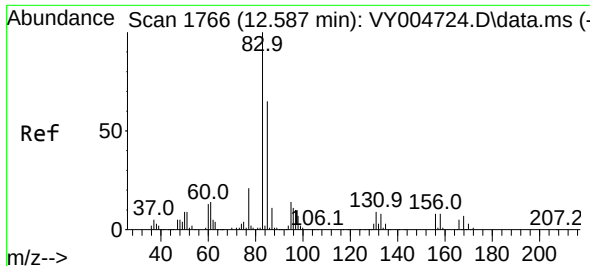
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#74
N-ethyl acetate
Concen: 3.64 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

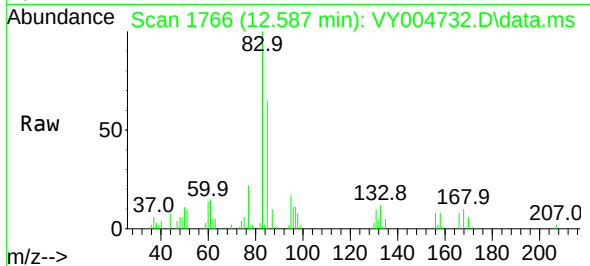
Tgt Ion: 43 Resp: 12460
Ion Ratio Lower Upper
43 100
70 37.1 30.2 45.2
55 23.4 17.8 26.8
61 21.3 17.6 26.4





#75
1,1,2,2-Tetrachloroethane
Concen: 3.92 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

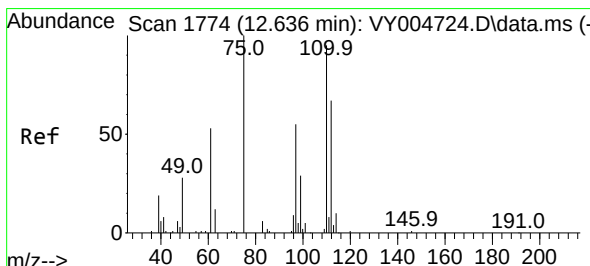
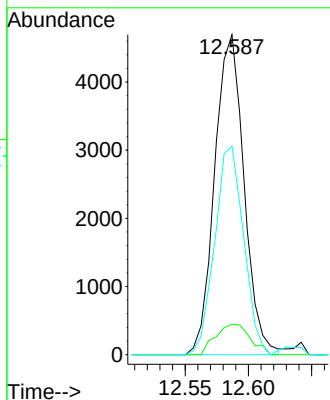
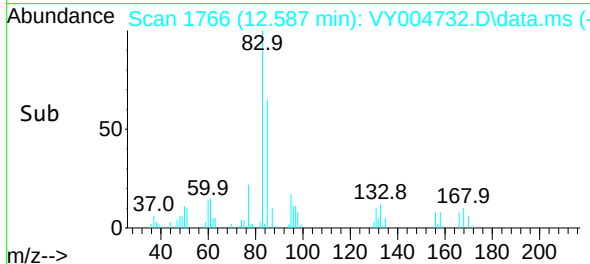
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



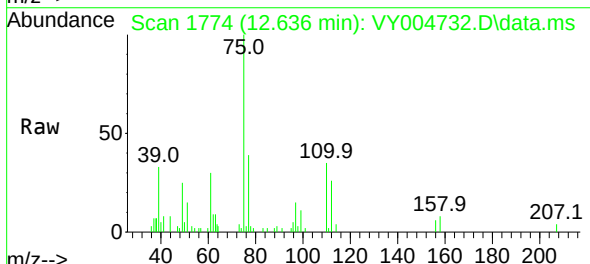
Tgt Ion: 83 Resp: 7562
Ion Ratio Lower Upper
83 100
131 11.2 5.0 14.9
85 64.3 32.1 96.5

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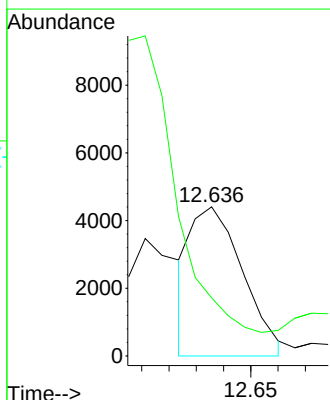
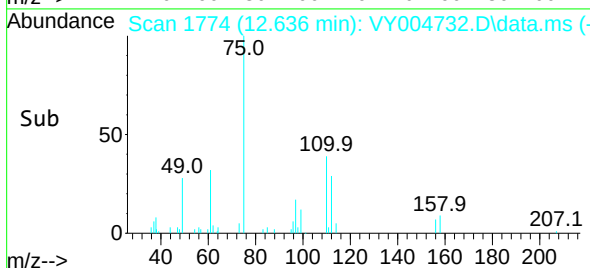
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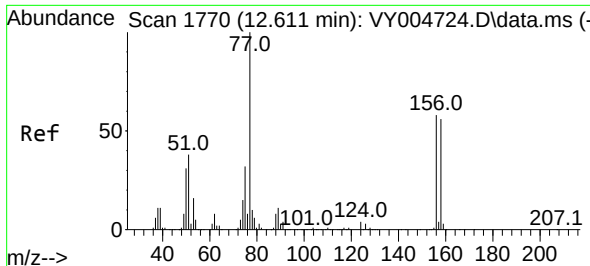


#76
1,2,3-Trichloropropane
Concen: 4.30 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

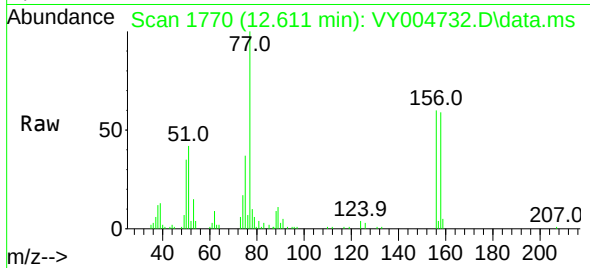


Tgt Ion: 75 Resp: 5857
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

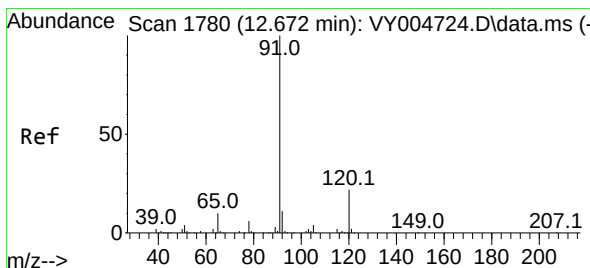
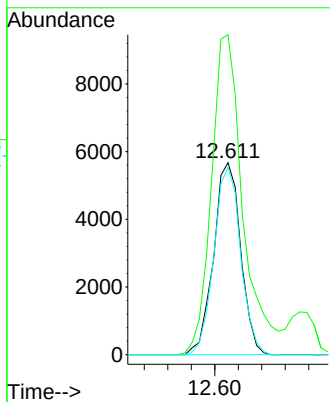
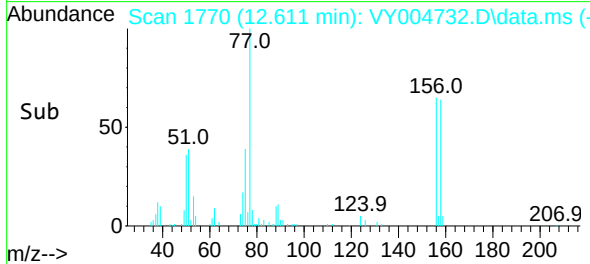




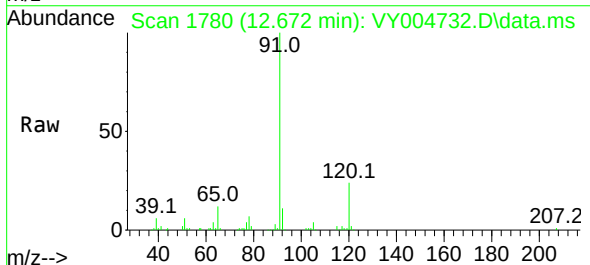
#77
Bromobenzene
Concen: 4.15 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16



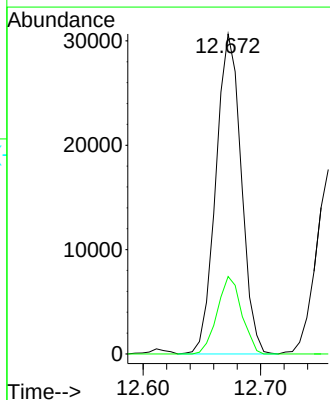
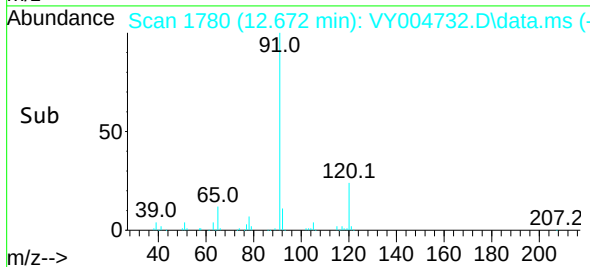
Tgt Ion: 156 Resp: 9075
Ion Ratio Lower Upper
156 100
77 192.8 100.6 301.9
158 96.3 48.8 146.3



#78
n-propylbenzene
Concen: 3.90 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16



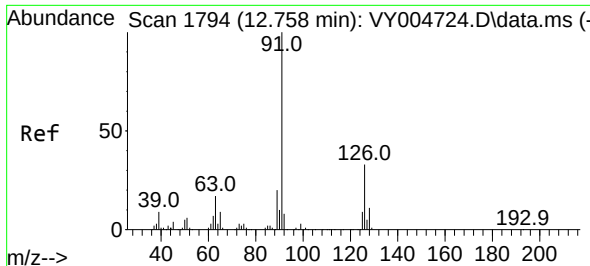
Tgt Ion: 91 Resp: 46045
Ion Ratio Lower Upper
91 100
120 23.2 11.1 33.3



Instrument :
MSVOA_Y
ClientSampleId :
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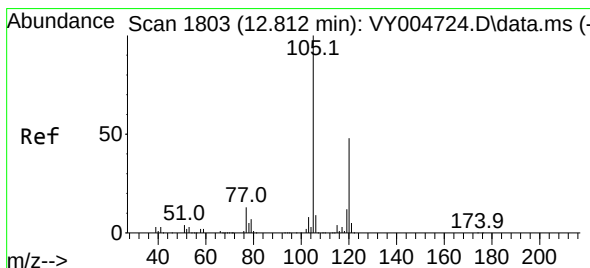
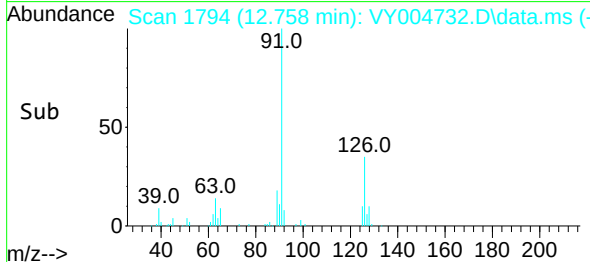
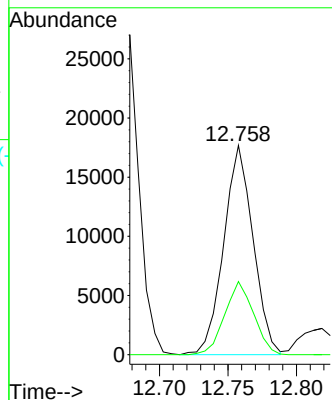
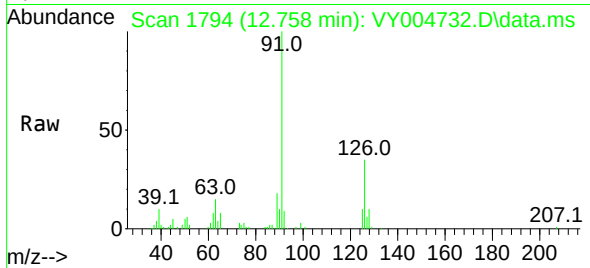
#79
2-Chlorotoluene
Concen: 4.08 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

Tgt Ion: 91 Resp: 26411
Ion Ratio Lower Upper
91 100
126 34.3 16.8 50.3

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

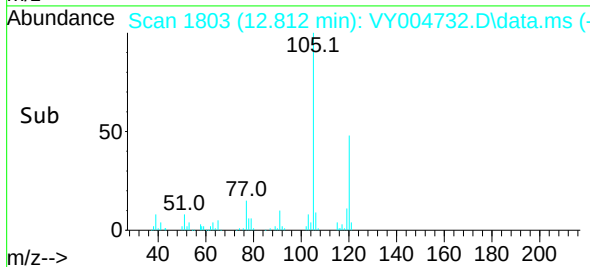
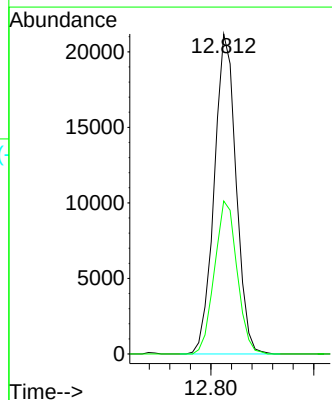
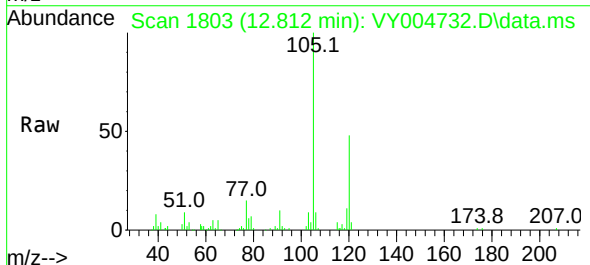
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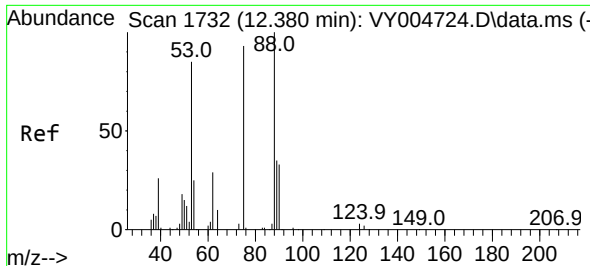
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#80
1,3,5-Trimethylbenzene
Concen: 3.88 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

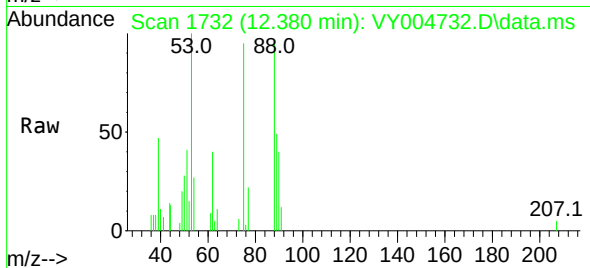
Tgt Ion: 105 Resp: 31186
Ion Ratio Lower Upper
105 100
120 49.5 24.0 72.0



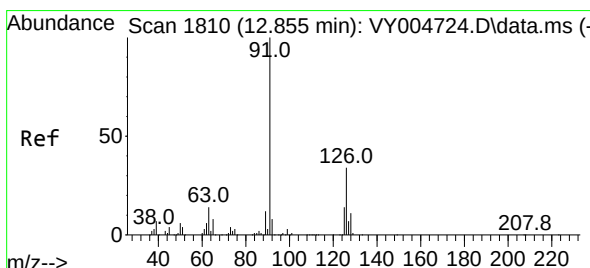
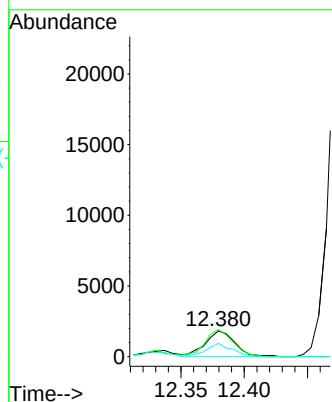
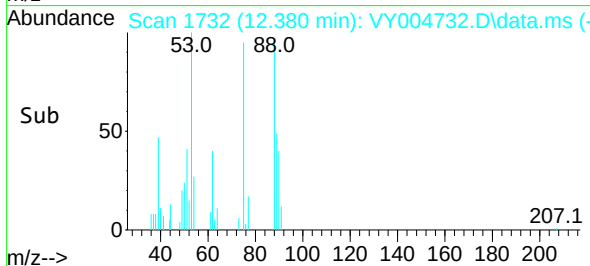


#81
trans-1,4-Dichloro-2-butene
Concen: 3.80 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

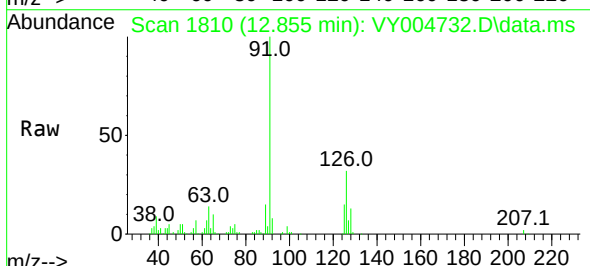
Instrument :
MSVOA_Y
ClientSampleId :
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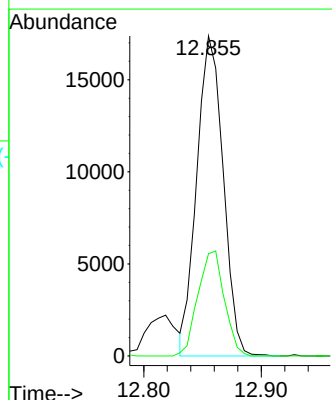
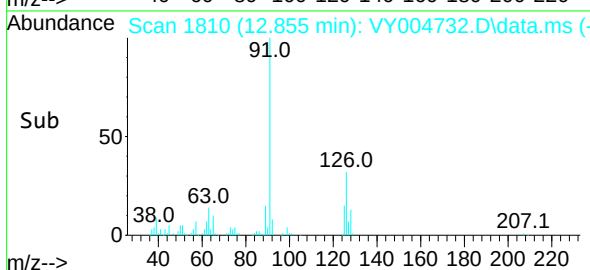
Tgt Ion	Ratio	Lower	Upper
75	100		
53	98.8	73.9	110.9
89	43.6	35.5	53.3

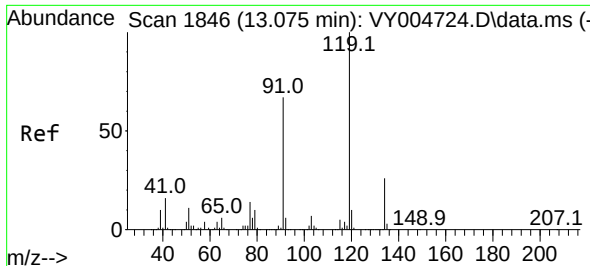


#82
4-Chlorotoluene
Concen: 4.04 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16



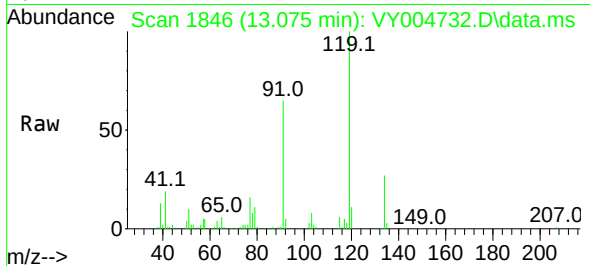
Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.8	16.8	50.3





#83
tert-Butylbenzene
Concen: 4.01 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

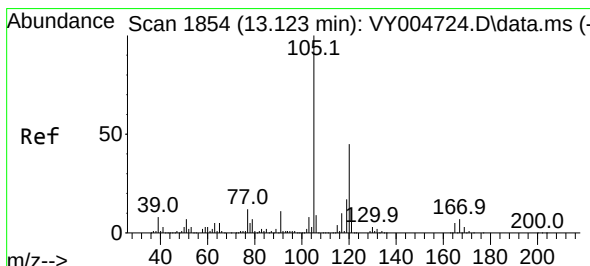
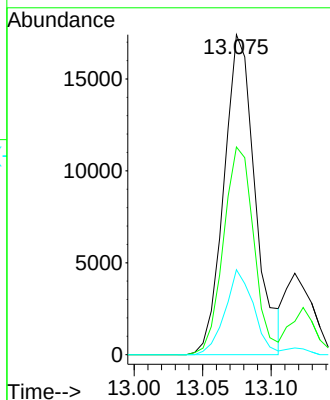
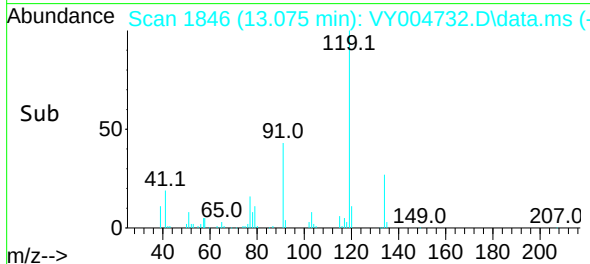
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



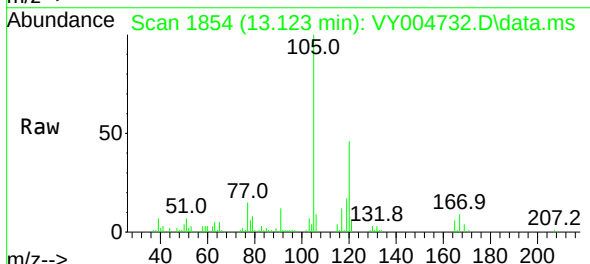
Tgt Ion:119 Resp: 27529
Ion Ratio Lower Upper
119 100
91 63.5 32.3 96.8
134 24.2 12.9 38.7

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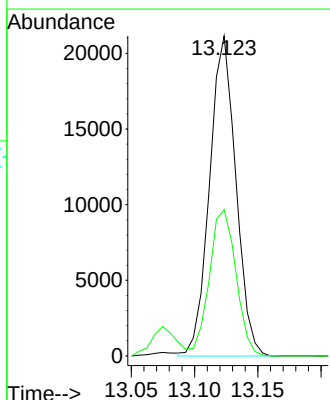
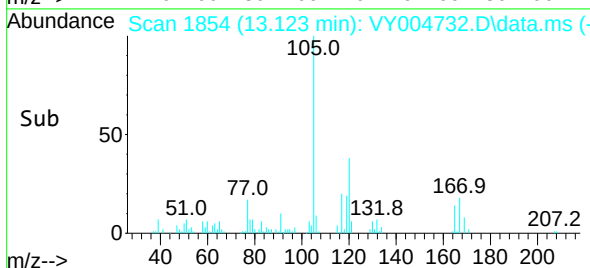
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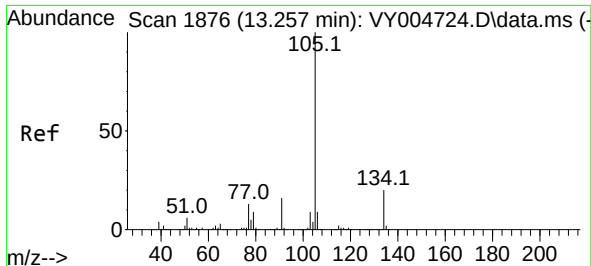


#84
1,2,4-Trimethylbenzene
Concen: 3.80 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

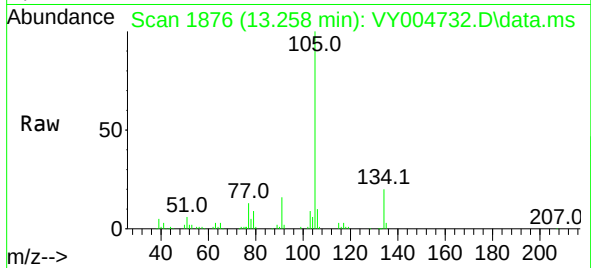


Tgt Ion:105 Resp: 30533
Ion Ratio Lower Upper
105 100
120 46.5 22.5 67.5

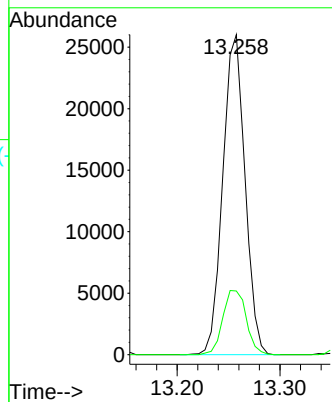
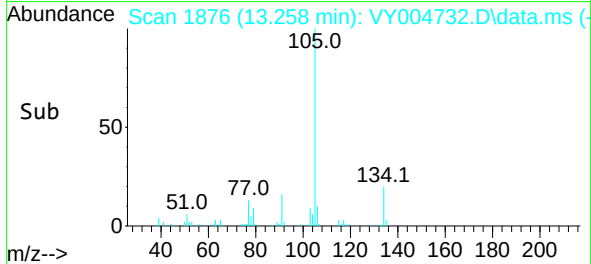




#85
 sec-Butylbenzene
 Concen: 3.91 ug/l
 RT: 13.258 min Scan# 1876
 Delta R.T. 0.000 min
 Lab File: VY004732.D
 Acq: 10 May 2021 16:16



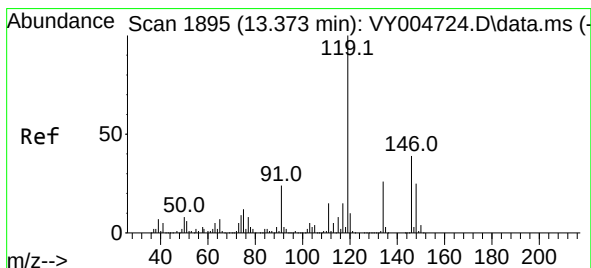
Tgt Ion:105 Resp: 38986
 Ion Ratio Lower Upper
 105 100
 134 21.3 10.0 29.8



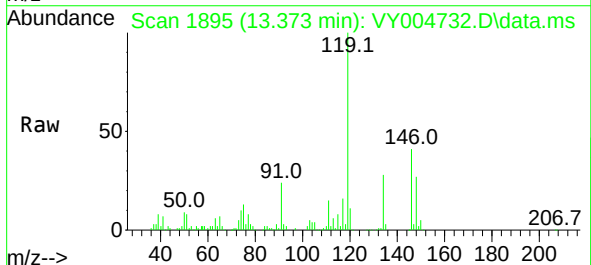
Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2021

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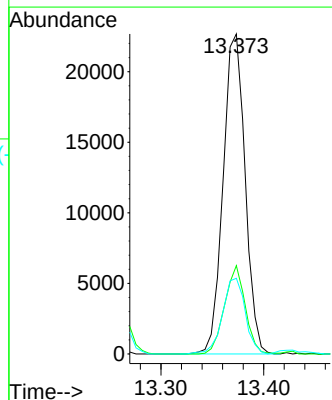
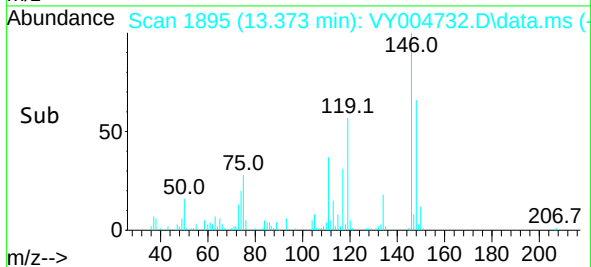
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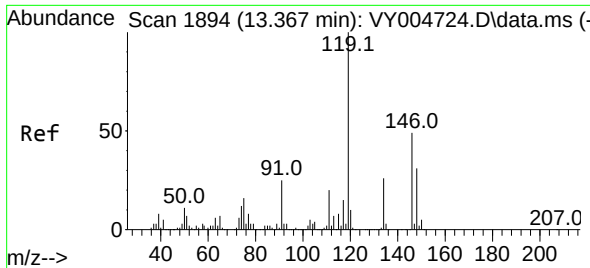


#86
 p-Isopropyltoluene
 Concen: 3.90 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.000 min
 Lab File: VY004732.D
 Acq: 10 May 2021 16:16

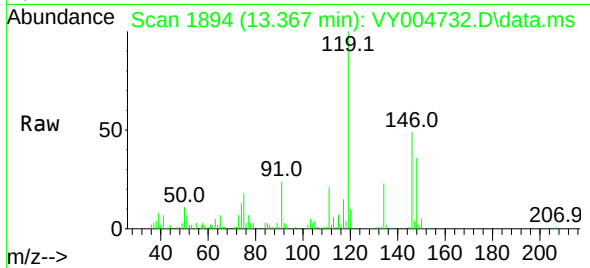


Tgt Ion:119 Resp: 33694
 Ion Ratio Lower Upper
 119 100
 134 25.9 12.9 38.7
 91 24.4 12.0 36.1

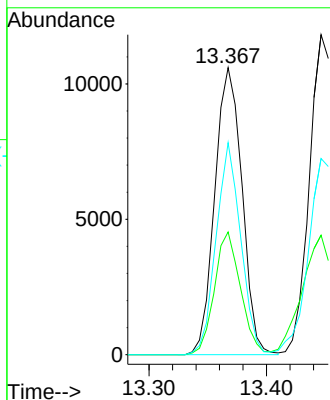
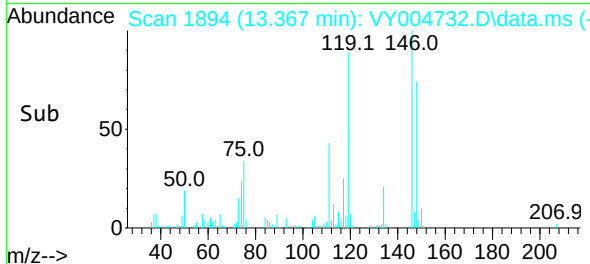




#87
1,3-Dichlorobenzene
Concen: 3.99 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16



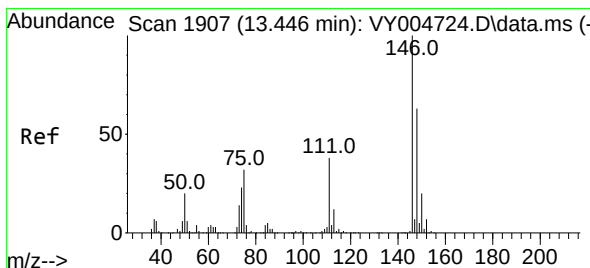
Tgt Ion:146 Resp: 17086
Ion Ratio Lower Upper
146 100
111 41.1 20.3 60.9
148 67.0 31.9 95.7



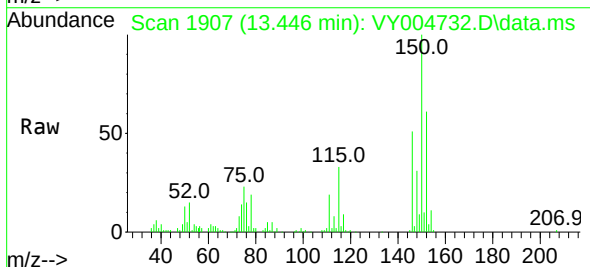
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

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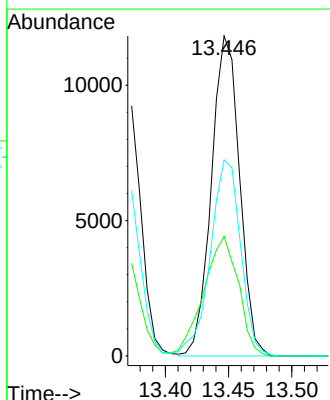
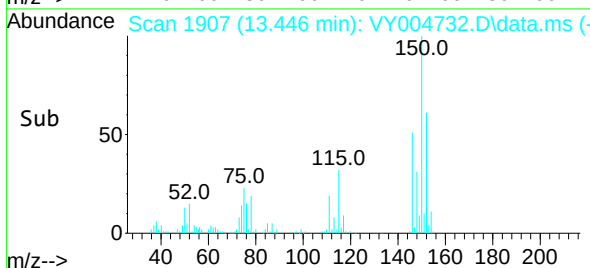
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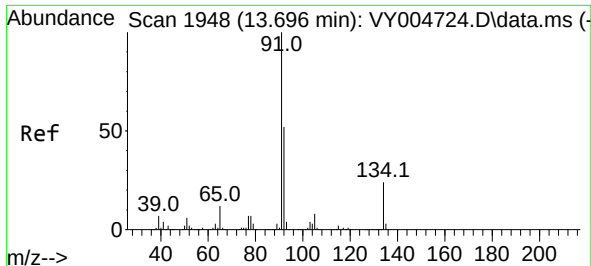


#88
1,4-Dichlorobenzene
Concen: 4.33 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16



Tgt Ion:146 Resp: 18304
Ion Ratio Lower Upper
146 100
111 46.0 19.6 58.8
148 66.1 31.9 95.5





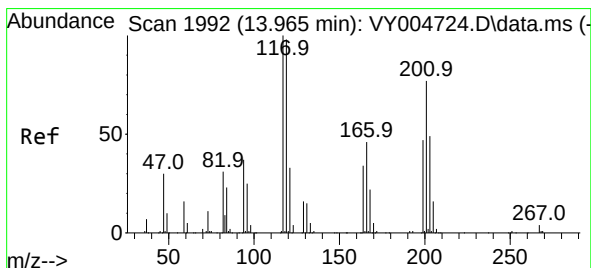
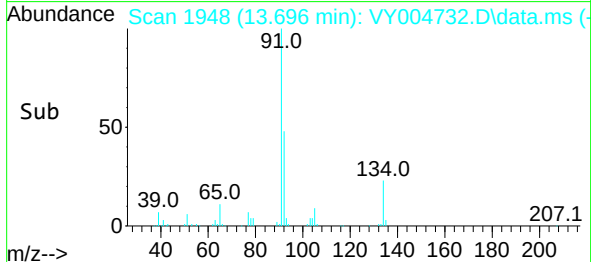
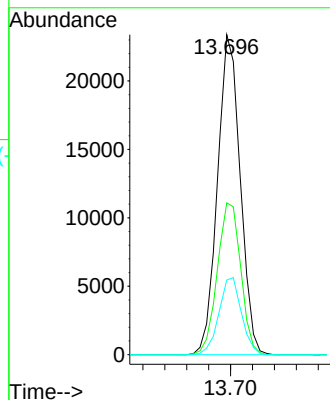
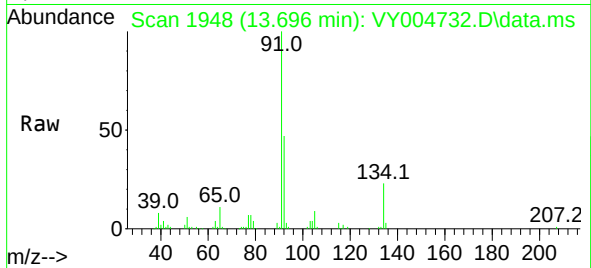
#89
n-Butylbenzene
Concen: 3.98 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

Tgt Ion:	91	Resp:	33653
Ion	Ratio	Lower	Upper
91	100		
92	49.0	26.4	79.0
134	24.0	12.6	37.6

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

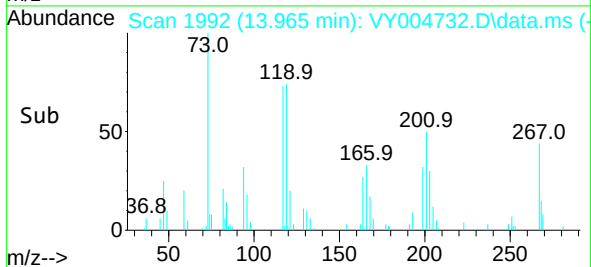
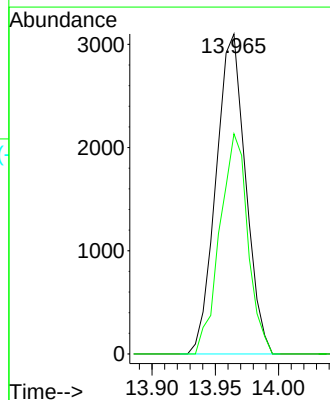
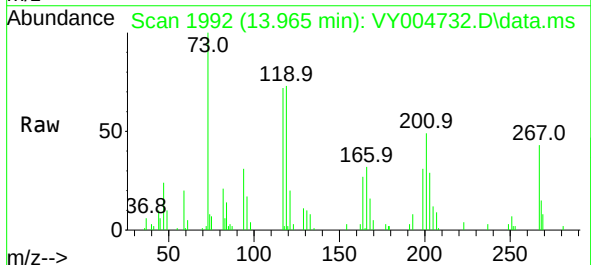
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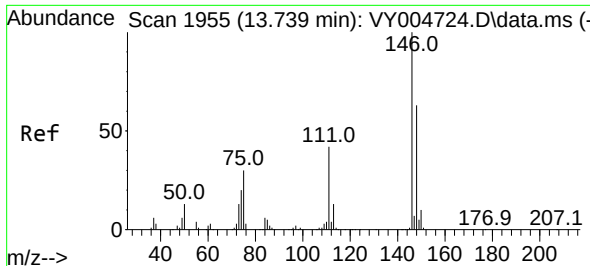
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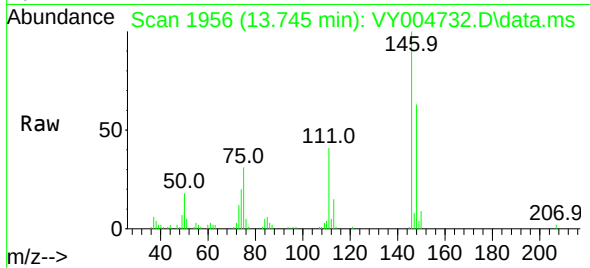
#90
Hexachloroethane
Concen: 4.14 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16

Tgt Ion:	117	Resp:	5043
Ion	Ratio	Lower	Upper
117	100		
201	65.1	35.9	107.8

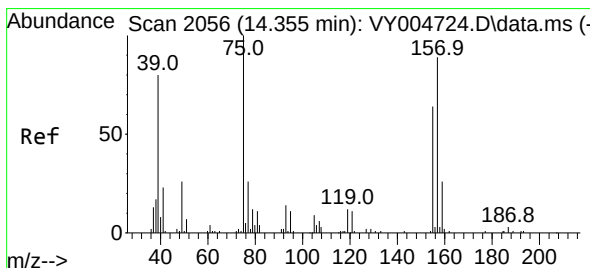
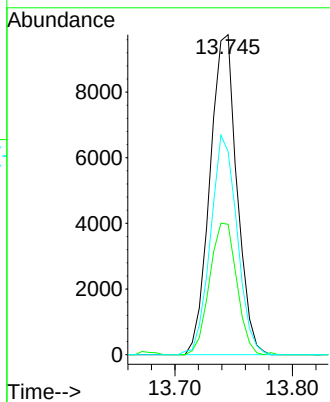
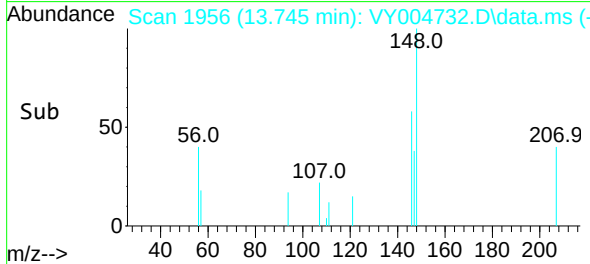




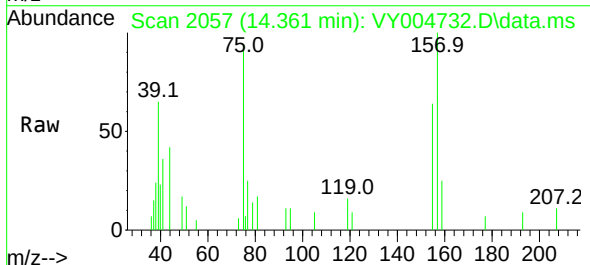
#91
1,2-Dichlorobenzene
Concen: 4.12 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. 0.006 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16



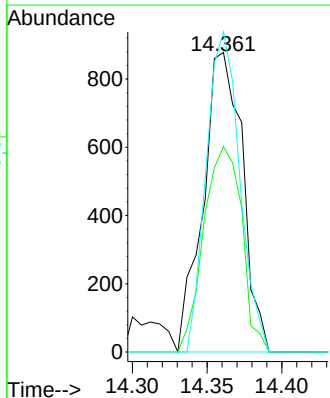
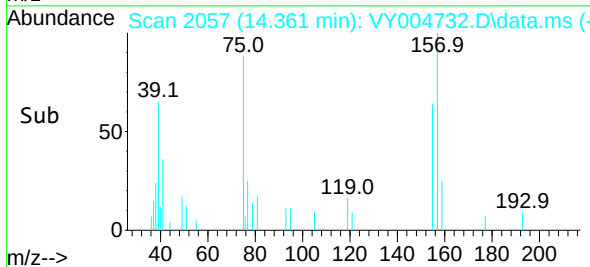
Tgt Ion: 146 Resp: 15567
Ion Ratio Lower Upper
146 100
111 41.2 20.9 62.7
148 67.5 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.45 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16



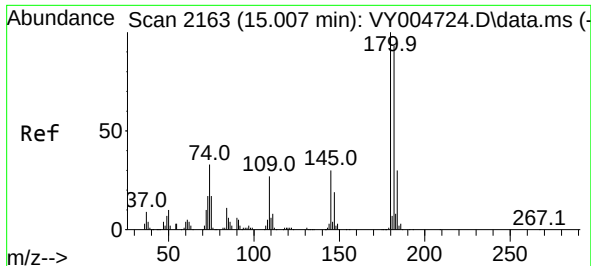
Tgt Ion: 75 Resp: 1605
Ion Ratio Lower Upper
75 100
155 66.2 39.0 117.0
157 91.2 50.2 150.7



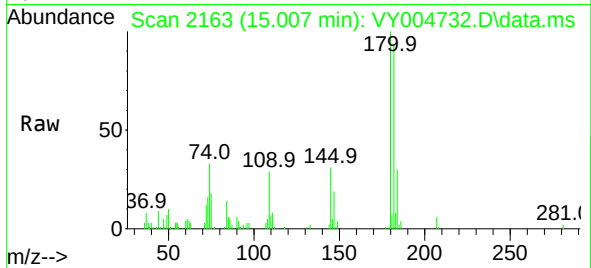
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

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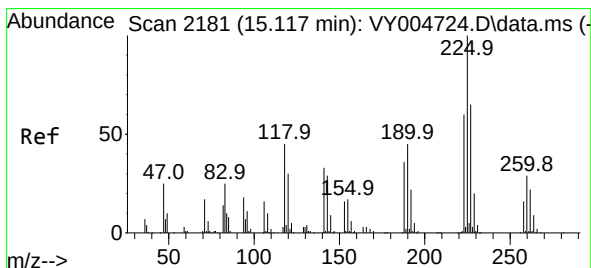
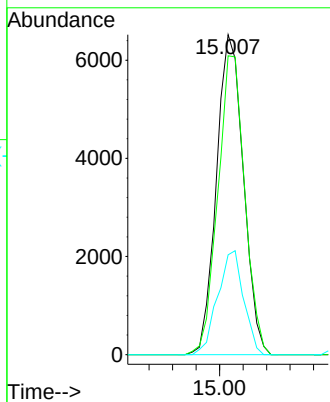
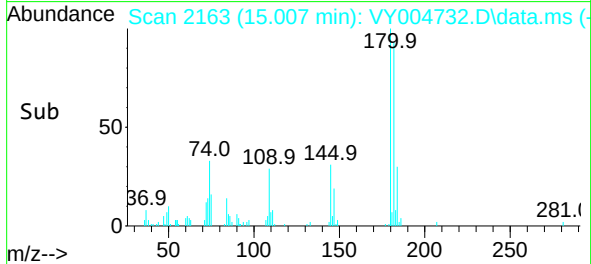
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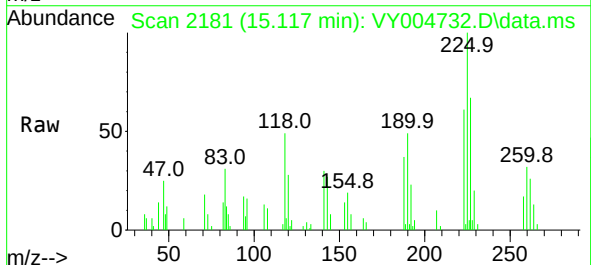
#93
1,2,4-Trichlorobenzene
Concen: 4.26 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16



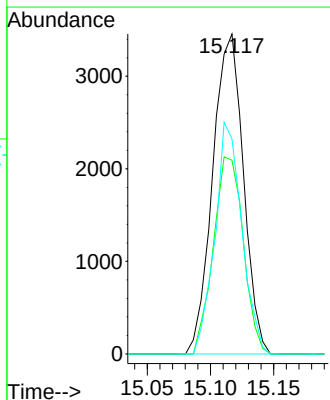
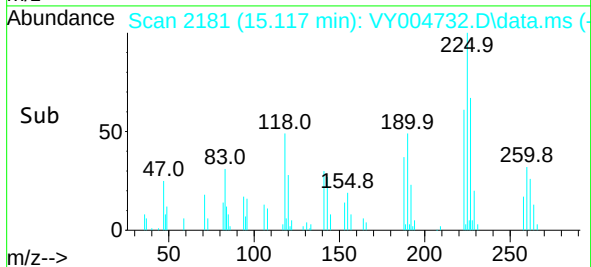
Tgt Ion:180 Resp: 10376
Ion Ratio Lower Upper
180 100
182 93.4 46.9 140.8
145 31.3 15.4 46.4



#94
Hexachlorobutadiene
Concen: 4.42 ug/l
RT: 15.117 min Scan# 2181
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16



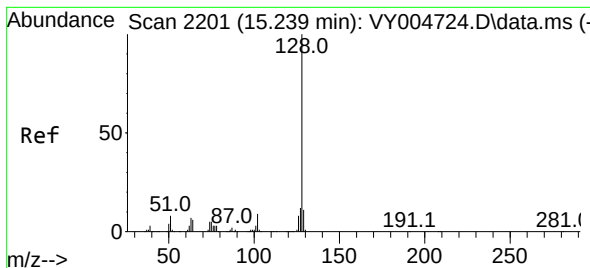
Tgt Ion:225 Resp: 5827
Ion Ratio Lower Upper
225 100
223 59.9 31.1 93.3
227 63.3 31.3 93.9



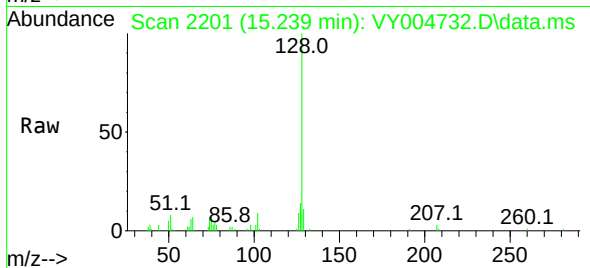
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

Manual Integrations
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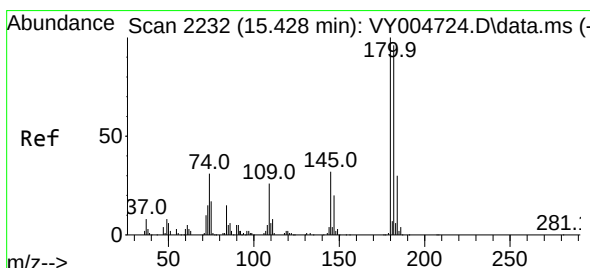
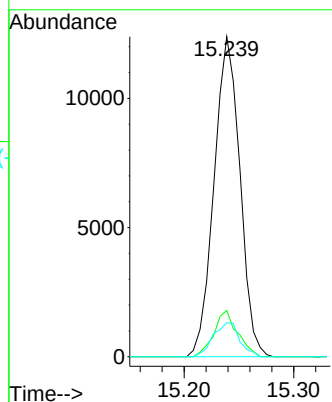
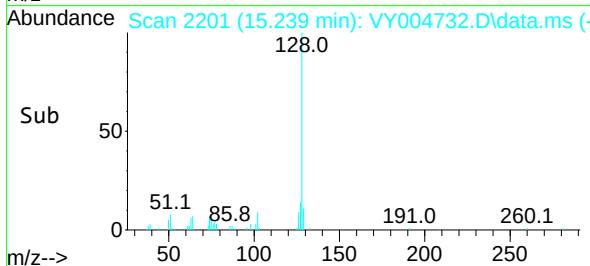
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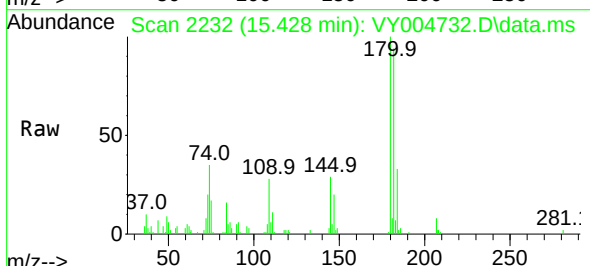
#95
Naphthalene
Concen: 3.85 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16



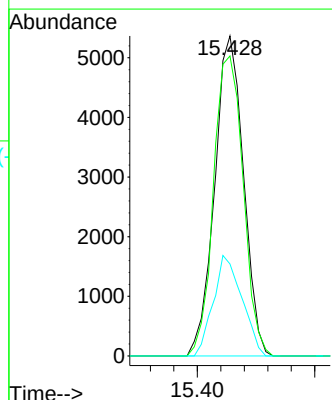
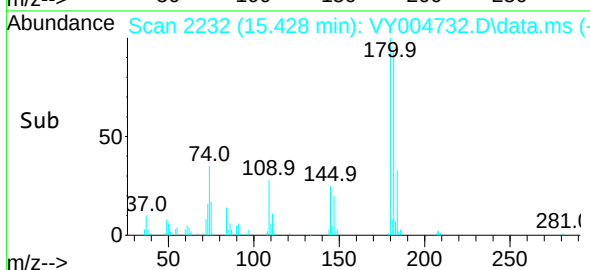
Tgt Ion:128 Resp: 20296
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.2
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 4.25 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.000 min
Lab File: VY004732.D
Acq: 10 May 2021 16:16



Tgt Ion:180 Resp: 9156
Ion Ratio Lower Upper
180 100
182 96.2 47.9 143.7
145 31.2 16.3 48.8



Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

Manual Integrations
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