

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051121\
 Data File : VY004741.D
 Acq On : 11 May 2021 12:53
 Operator : SY/MD
 Sample : M2262-01 4PPBLOD
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

MMDadoda
 5/12/2021 10:43:00 AM

Quant Time: May 12 01:22:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 12 01:21:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	186690	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	304664	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	276064	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	128581	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	119885	53.95	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.90%			
35) Dibromofluoromethane	7.734	113	98383	58.99	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 117.98%			
50) Toluene-d8	10.185	98	395305	52.47	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.94%			
62) 4-Bromofluorobenzene	12.483	95	129895	51.08	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.16%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	6590	3.85	ug/l	98
3) Chloromethane	2.119	50	11050	3.99	ug/l	91
4) Vinyl Chloride	2.259	62	10928	3.85	ug/l	97
5) Bromomethane	2.662	94	6760	4.68	ug/l	99
6) Chloroethane	2.808	64	6826	4.08	ug/l	99
7) Trichlorofluoromethane	3.137	101	13930	4.14	ug/l	96
8) Diethyl Ether	3.546	74	5899	4.96	ug/l	78
9) 1,1,2-Trichlorotrifluo...	3.912	101	7922	4.15	ug/l	97
10) Methyl Iodide	4.107	142	9628	4.72	ug/l #	95
11) Tert butyl alcohol	4.985	59	6349	28.43	ug/l #	85
12) 1,1-Dichloroethene	3.881	96	8200	4.44	ug/l	86
13) Acrolein	3.741	56	5227	19.91	ug/l	99
14) Allyl chloride	4.491	41	14989	4.16	ug/l	97
15) Acrylonitrile	5.186	53	12831	21.53	ug/l	98
16) Acetone	3.966	43	12091	24.22	ug/l	91
17) Carbon Disulfide	4.210	76	24992	4.43	ug/l	99
18) Methyl Acetate	4.497	43	7965	5.00	ug/l	99
19) Methyl tert-butyl Ether	5.241	73	21651	4.27	ug/l	100
20) Methylene Chloride	4.735	84	16934	5.29	ug/l	92
21) trans-1,2-Dichloroethene	5.235	96	8827	4.21	ug/l	89
22) Diisopropyl ether	6.143	45	27390	3.95	ug/l	97
23) Vinyl Acetate	6.076	43	99427	19.09	ug/l	99
24) 1,1-Dichloroethane	6.033	63	16288	4.17	ug/l	97
25) 2-Butanone	7.009	43	18202	20.53	ug/l	92
26) 2,2-Dichloropropane	6.996	77	14007	4.11	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	9683	4.16	ug/l	99
28) Bromochloromethane	7.350	49	7918	4.15	ug/l	99
29) Tetrahydrofuran	7.368	42	11206	19.81	ug/l	99
30) Chloroform	7.527	83	16464	4.28	ug/l	89
31) Cyclohexane	7.801	56	16748	4.66	ug/l #	62
32) 1,1,1-Trichloroethane	7.716	97	14266	4.14	ug/l	98
36) 1,1-Dichloropropene	7.929	75	13208	4.23	ug/l	97
37) Ethyl Acetate	7.088	43	9251	4.32	ug/l	98
38) Carbon Tetrachloride	7.911	117	10428	3.72	ug/l	93
39) Methylcyclohexane	9.191	83	13441	3.95	ug/l	94
40) Benzene	8.173	78	36416	4.13	ug/l	100

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	5042	4.31	ug/l #	100
42) 1,2-Dichloroethane	8.246	62	11861	4.25	ug/l	97
43) Isopropyl Acetate	8.283	43	16567	4.17	ug/l	99
44) Trichloroethene	8.947	130	10079	4.25	ug/l	91
45) 1,2-Dichloropropane	9.228	63	9519	4.12	ug/l	98
46) Dibromomethane	9.313	93	5249	4.09	ug/l	98
47) Bromodichloromethane	9.508	83	12678	4.16	ug/l	97
48) Methyl methacrylate	9.301	41	7036	3.89	ug/l	98
49) 1,4-Dioxane	9.307	88	940	62.16	ug/l #	90
51) 4-Methyl-2-Pentanone	10.081	43	42347	19.82	ug/l	97
52) Toluene	10.252	92	22714	4.08	ug/l	98
53) t-1,3-Dichloropropene	10.471	75	13840	4.10	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	14647	3.90	ug/l	95
55) 1,1,2-Trichloroethane	10.654	97	7625	4.31	ug/l	90
56) Ethyl methacrylate	10.514	69	9536	3.73	ug/l	99
57) 1,3-Dichloropropane	10.795	76	13438	4.28	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	23233	17.61	ug/l	95
59) 2-Hexanone	10.843	43	27249	18.82	ug/l	100
60) Dibromochloromethane	10.990	129	8230	3.92	ug/l	99
61) 1,2-Dibromoethane	11.093	107	6794	3.99	ug/l	93
64) Tetrachloroethene	10.727	164	9900	3.97	ug/l	94
65) Chlorobenzene	11.520	112	23727	4.18	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	8227	3.98	ug/l	95
67) Ethyl Benzene	11.599	91	42385	4.02	ug/l	98
68) m/p-Xylenes	11.703	106	31775	8.01	ug/l	98
69) o-Xylene	12.032	106	14169	3.82	ug/l	97
70) Styrene	12.050	104	23452	3.77	ug/l	98
71) Bromoform	12.215	173	4840	3.87	ug/l #	97
73) Isopropylbenzene	12.337	105	38593	3.98	ug/l	99
74) N-amyl acetate	12.148	43	12658	3.69	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	8407	4.34	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	6625m	4.85	ug/l	
77) Bromobenzene	12.611	156	9140	4.17	ug/l	96
78) n-propylbenzene	12.678	91	48682	4.11	ug/l	99
79) 2-Chlorotoluene	12.758	91	26348	4.06	ug/l	97
80) 1,3,5-Trimethylbenzene	12.819	105	32036	3.98	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	3367	4.27	ug/l	95
82) 4-Chlorotoluene	12.861	91	27793	4.12	ug/l	99
83) tert-Butylbenzene	13.081	119	27967	4.07	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	30489	3.78	ug/l	99
85) sec-Butylbenzene	13.258	105	39932	3.99	ug/l	99
86) p-Isopropyltoluene	13.373	119	34013	3.92	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	17992	4.19	ug/l	97
88) 1,4-Dichlorobenzene	13.453	146	18043	4.26	ug/l	91
89) n-Butylbenzene	13.703	91	32507	3.84	ug/l	99
90) Hexachloroethane	13.965	117	5121	4.20	ug/l	95
91) 1,2-Dichlorobenzene	13.745	146	16760	4.42	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.361	75	1584	4.38	ug/l	93
93) 1,2,4-Trichlorobenzene	15.013	180	10511	4.31	ug/l	99
94) Hexachlorobutadiene	15.117	225	5811	4.39	ug/l	96
95) Naphthalene	15.239	128	21476	4.07	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	9120	4.22	ug/l	96

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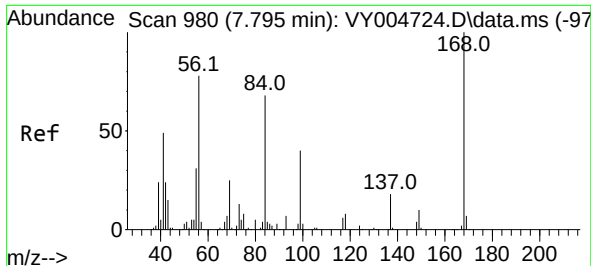
Manual Integrations
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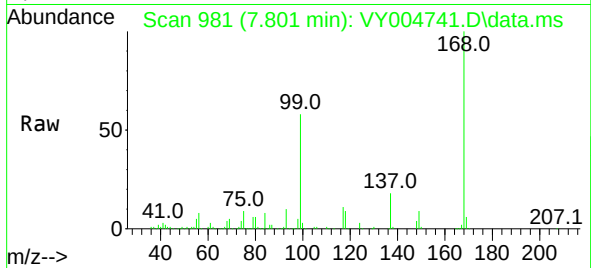
Quant Time: May 12 01:22:04 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
Quant Title : SW846 8260
QLast Update : Wed May 12 01:21:01 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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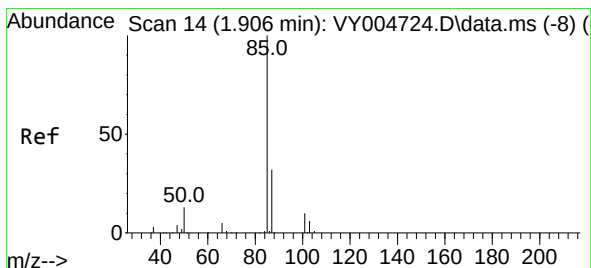
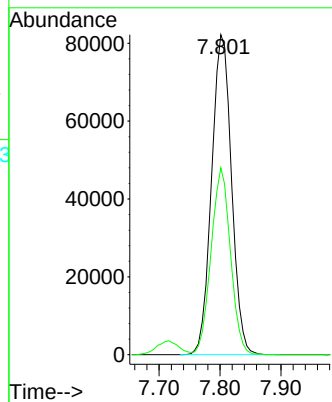
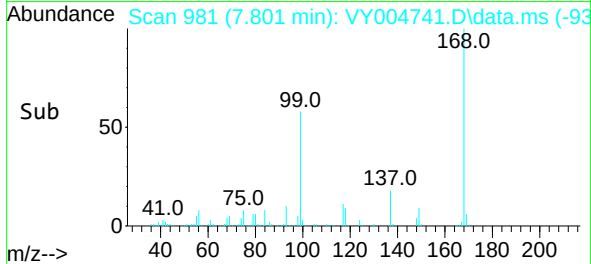
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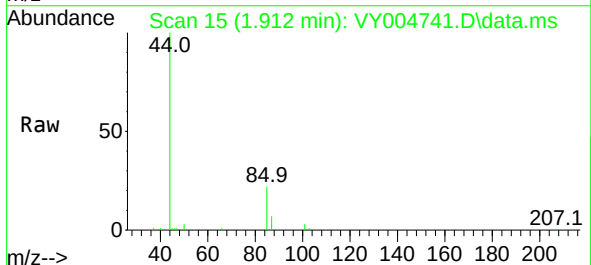
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004741.D
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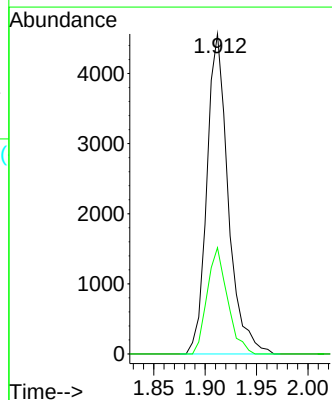
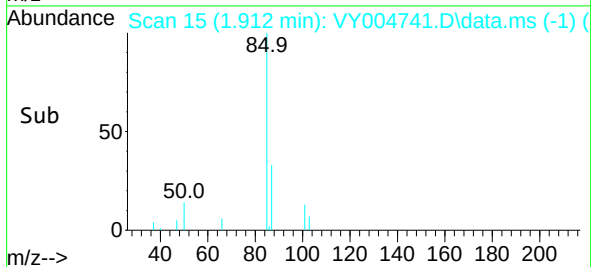
Tgt Ion: 168 Resp: 186690
Ion Ratio Lower Upper
168 100
99 58.4 45.6 68.4



#2
Dichlorodifluoromethane
Concen: 3.85 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY004741.D
Acq: 11 May 2021 12:53



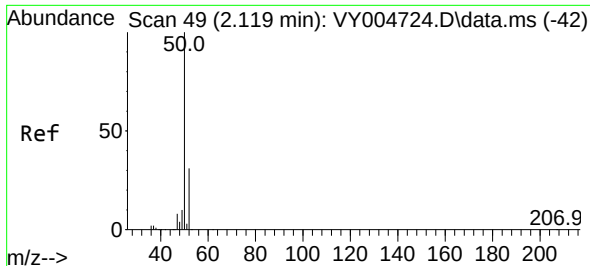
Tgt Ion: 85 Resp: 6590
Ion Ratio Lower Upper
85 100
87 33.2 16.2 48.5



Instrument :
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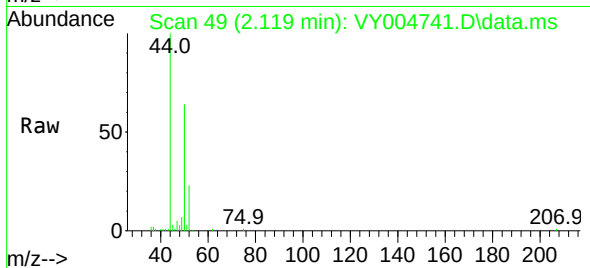
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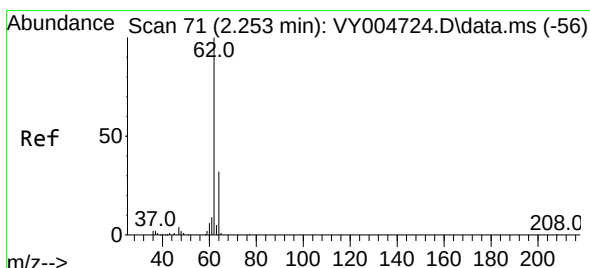
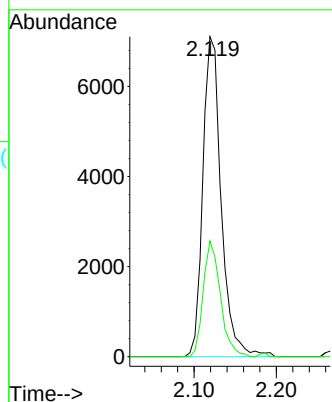
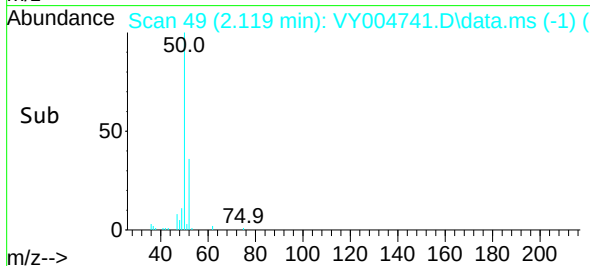


#3
Chloromethane
Concen: 3.99 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY004741.D
Acq: 11 May 2021 12:53

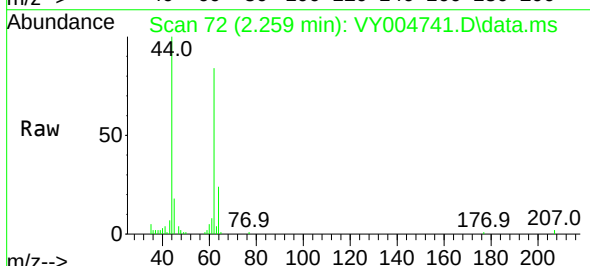
Instrument :
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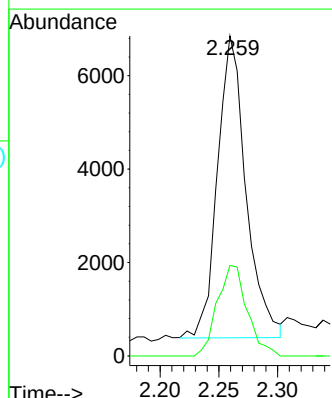
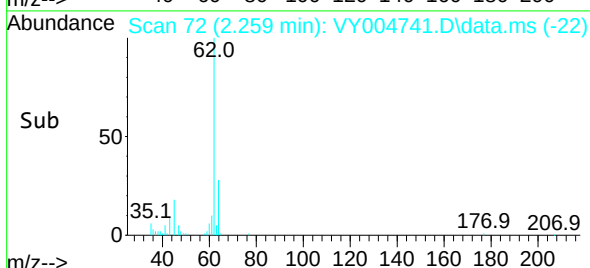
Tgt Ion: 50 Resp: 11050
Ion Ratio Lower Upper
50 100
52 36.2 25.0 37.6

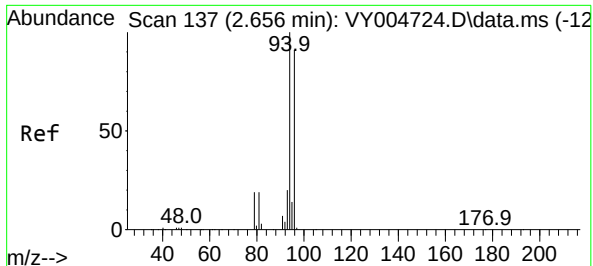


#4
Vinyl Chloride
Concen: 3.85 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.006 min
Lab File: VY004741.D
Acq: 11 May 2021 12:53

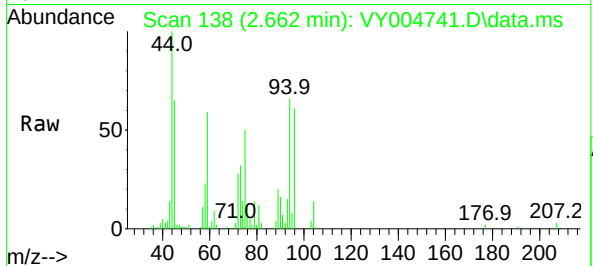


Tgt Ion: 62 Resp: 10928
Ion Ratio Lower Upper
62 100
64 30.0 25.4 38.2

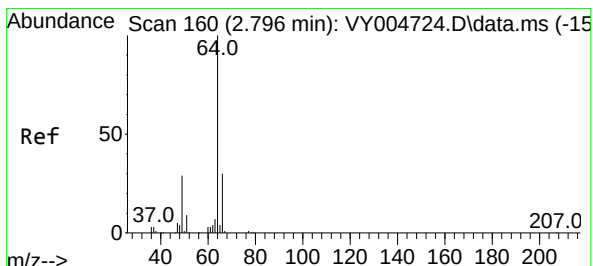
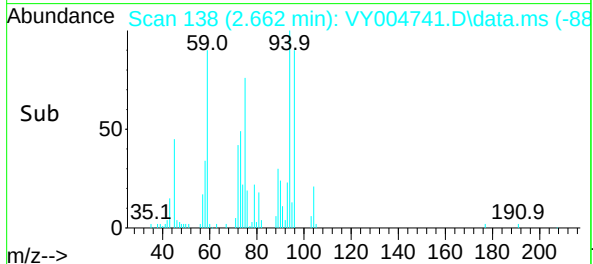
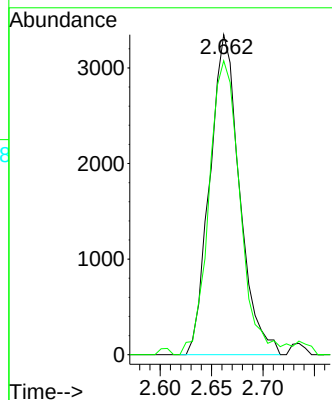




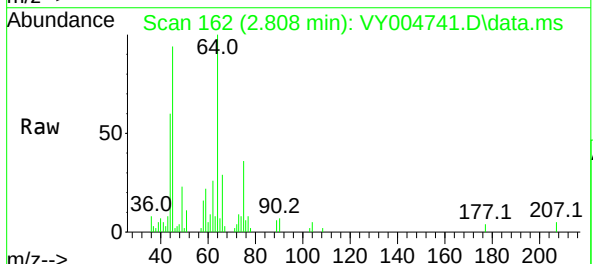
#5
Bromomethane
Concen: 4.68 ug/l
RT: 2.662 min Scan# 138
Delta R.T. 0.006 min
Lab File: VY004741.D
Acq: 11 May 2021 12:53



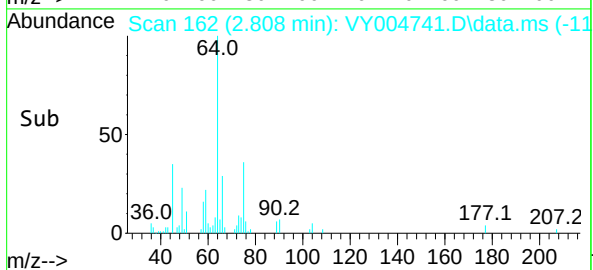
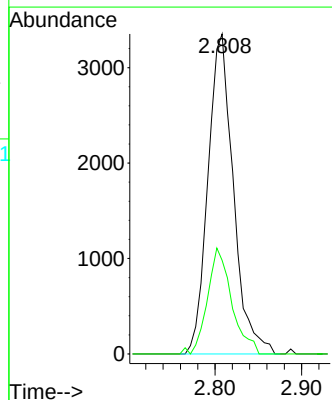
Tgt Ion: 94 Resp: 6760
Ion Ratio Lower Upper
94 100
96 91.8 72.6 109.0



#6
Chloroethane
Concen: 4.08 ug/l
RT: 2.808 min Scan# 162
Delta R.T. 0.012 min
Lab File: VY004741.D
Acq: 11 May 2021 12:53



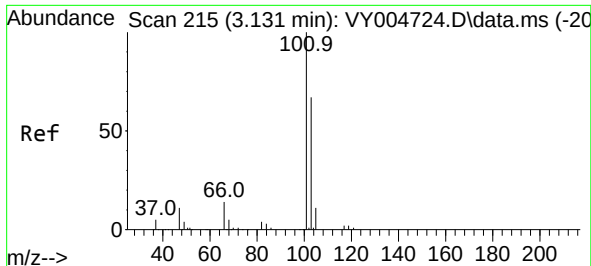
Tgt Ion: 64 Resp: 6826
Ion Ratio Lower Upper
64 100
66 29.2 23.7 35.5



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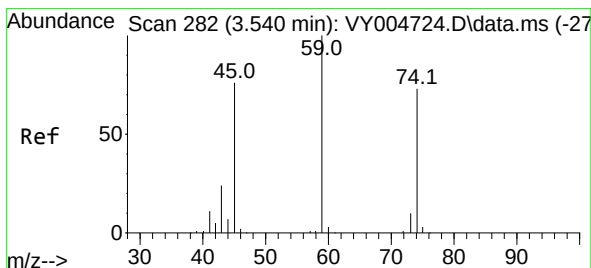
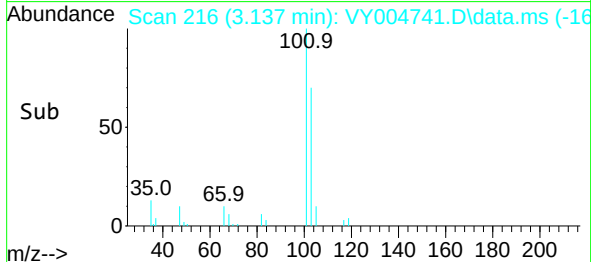
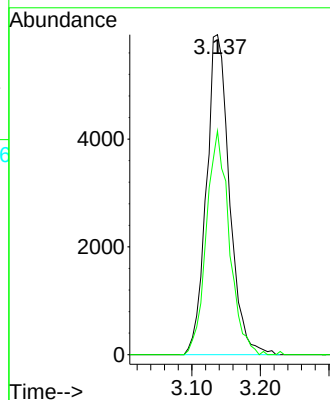
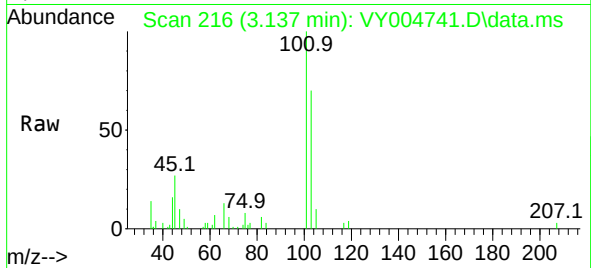
#7
Trichlorofluoromethane
Concen: 4.14 ug/l
RT: 3.137 min Scan# 216
Delta R.T. 0.006 min
Lab File: VY004741.D
Acq: 11 May 2021 12:53

Tgt Ion:101 Resp: 13930
Ion Ratio Lower Upper
101 100
103 69.9 53.4 80.2

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ClientSampleId :
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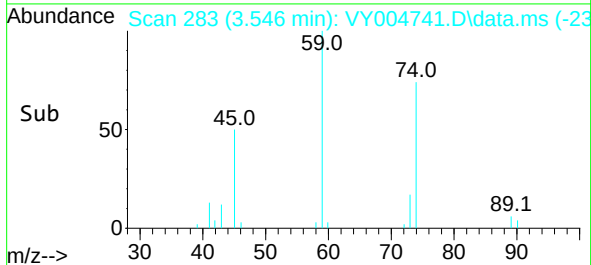
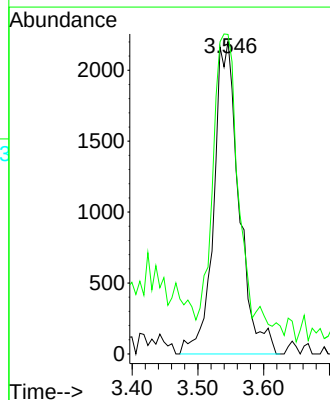
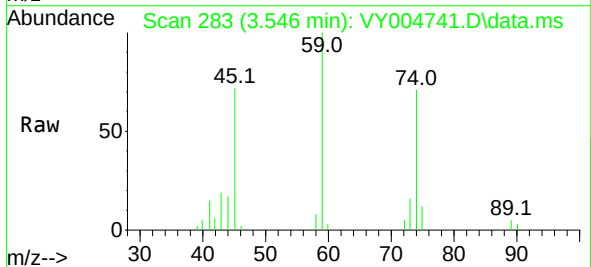
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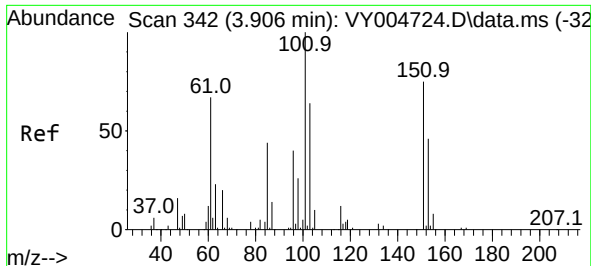
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5/12/2021 10:43:00 AM



#8
Diethyl Ether
Concen: 4.96 ug/l
RT: 3.546 min Scan# 283
Delta R.T. 0.006 min
Lab File: VY004741.D
Acq: 11 May 2021 12:53

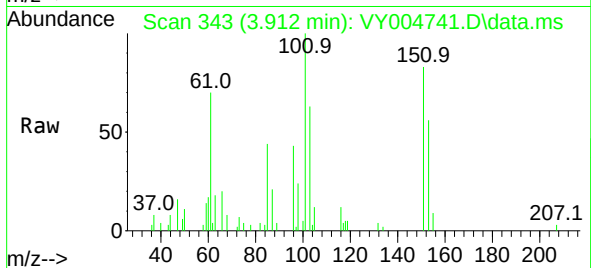
Tgt Ion: 74 Resp: 5899
Ion Ratio Lower Upper
74 100
45 85.3 53.9 161.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.15 ug/l
RT: 3.912 min Scan# 343
Delta R.T. 0.006 min
Lab File: VY004741.D
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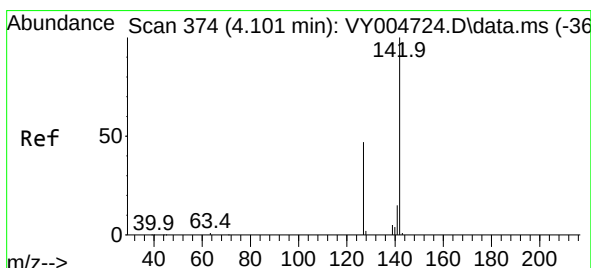
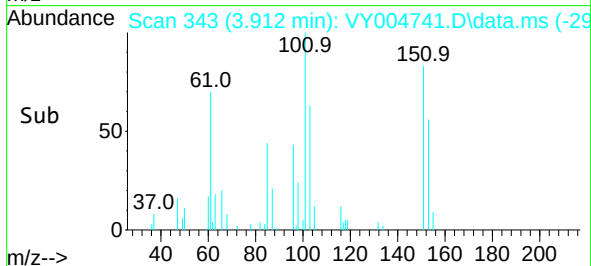
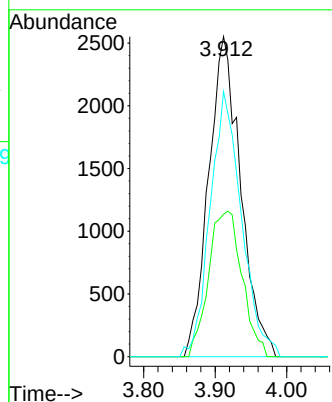
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Tgt Ion	Ratio	Lower	Upper
101	100		
85	47.6	38.2	57.4
151	81.3	61.4	92.0

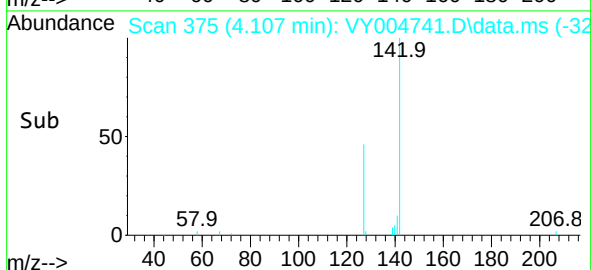
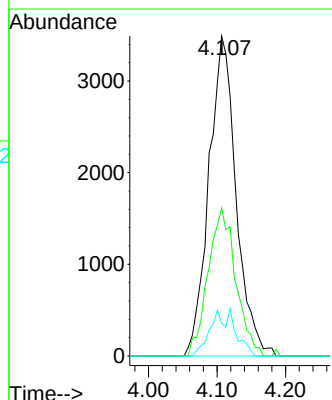
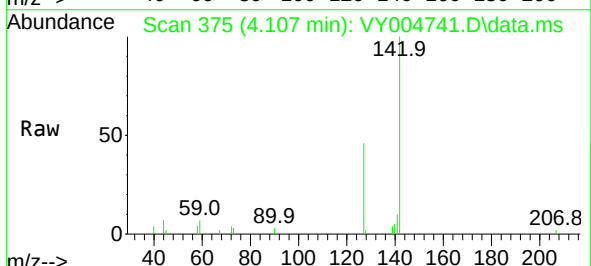
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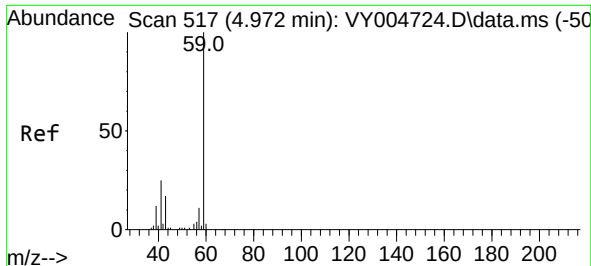
MMDadoda
5/12/2021 10:43:00 AM



#10
Methyl Iodide
Concen: 4.72 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.006 min
Lab File: VY004741.D
Acq: 11 May 2021 12:53

Tgt Ion	Ratio	Lower	Upper
142	100		
127	46.9	37.1	55.7
141	8.1	11.9	17.9





#11

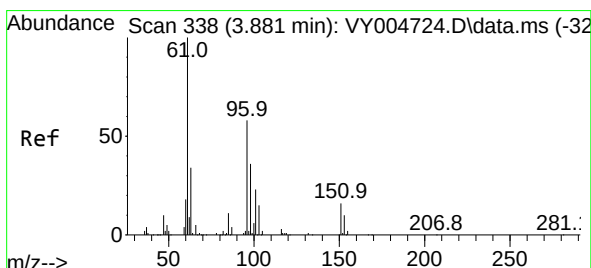
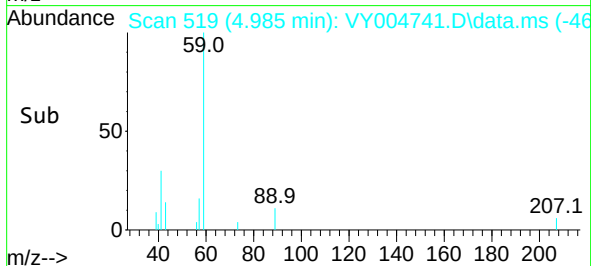
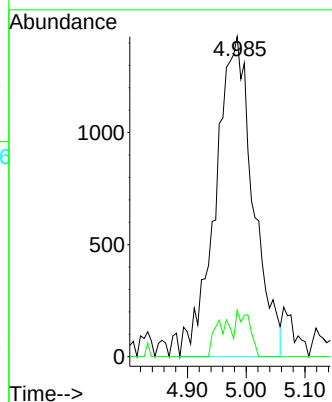
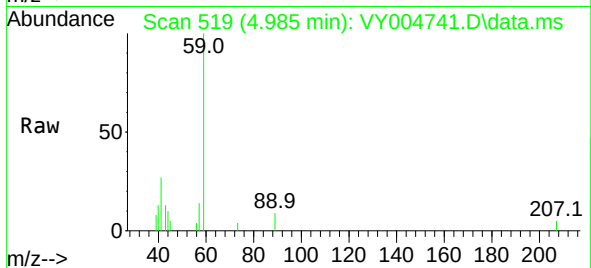
Tert butyl alcohol
Concen: 28.43 ug/l
RT: 4.985 min Scan# 519
Delta R.T. 0.012 min
Lab File: VY004741.D
Acq: 11 May 2021 12:53

Tgt Ion: 59 Resp: 6349
Ion Ratio Lower Upper
59 100
57 5.2 8.7 13.1#

Instrument :
MSVOA_Y
ClientSampleId :
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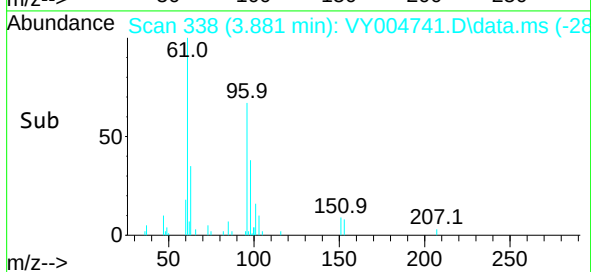
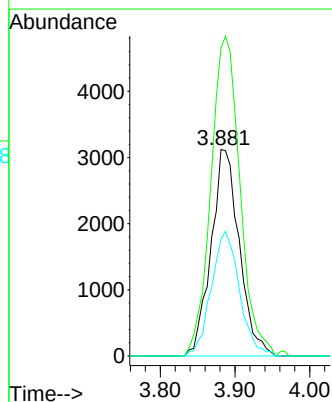
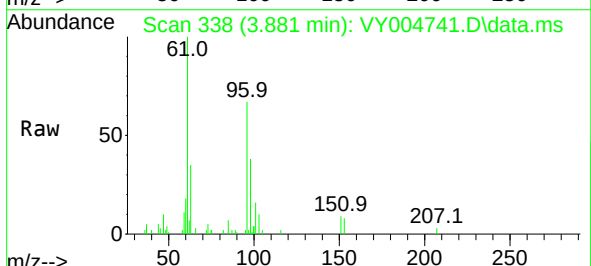
MMDadoda
5/12/2021 10:43:00 AM

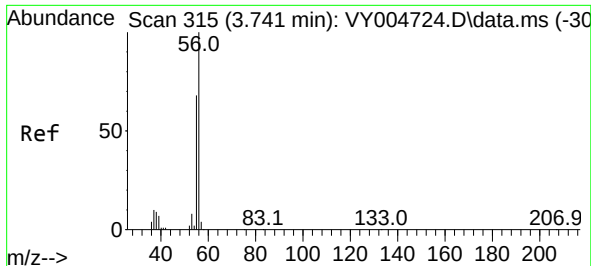


#12

1,1-Dichloroethene
Concen: 4.44 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.000 min
Lab File: VY004741.D
Acq: 11 May 2021 12:53

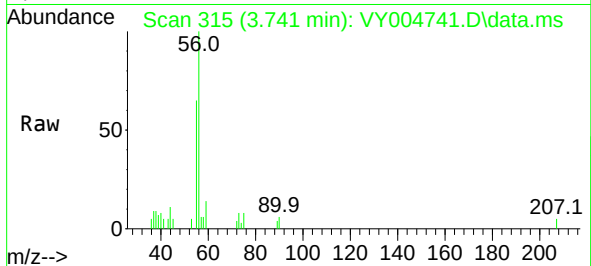
Tgt Ion: 96 Resp: 8200
Ion Ratio Lower Upper
96 100
61 149.1 137.5 206.3
98 56.5 50.2 75.2



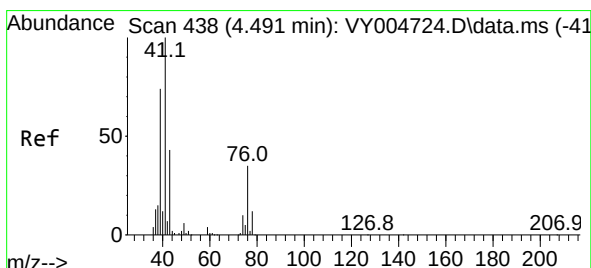
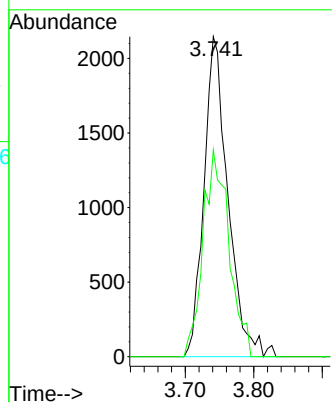
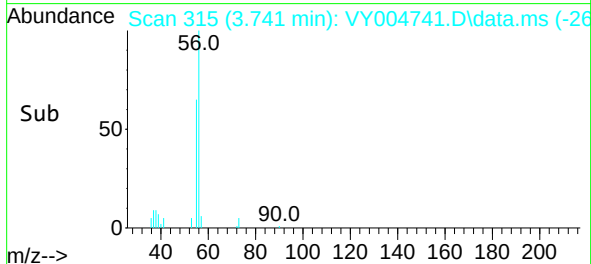


#13
Acrolein
Concen: 19.91 ug/l
RT: 3.741 min Scan# 315
Delta R.T. 0.000 min
Lab File: VY004741.D
Acq: 11 May 2021 12:53

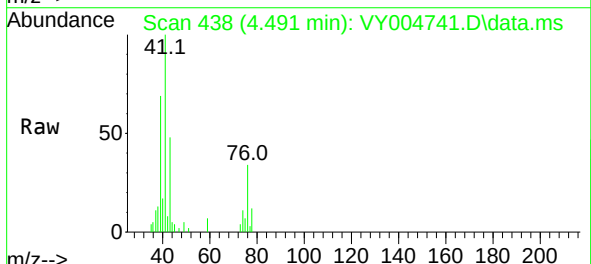
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



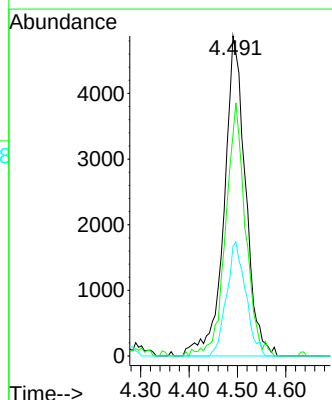
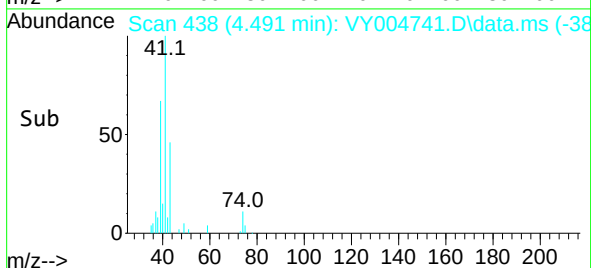
Tgt Ion: 56 Resp: 5227
Ion Ratio Lower Upper
56 100
55 69.8 55.3 82.9

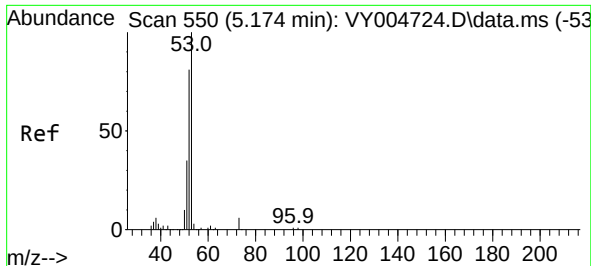


#14
Allyl chloride
Concen: 4.16 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.000 min
Lab File: VY004741.D
Acq: 11 May 2021 12:53

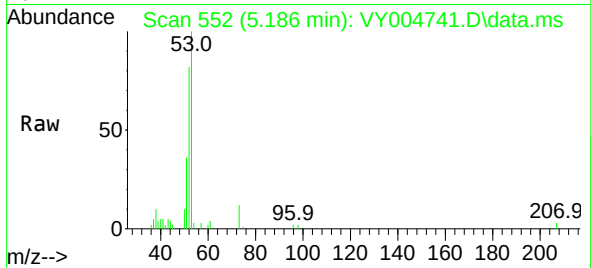


Tgt Ion: 41 Resp: 14989
Ion Ratio Lower Upper
41 100
39 73.5 56.1 84.1
76 31.9 26.2 39.4

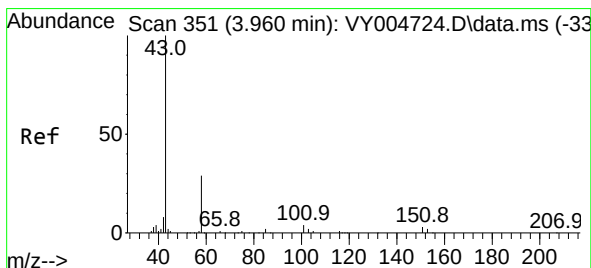
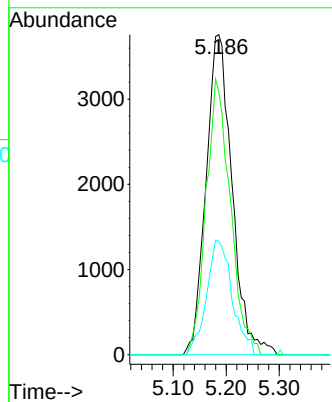
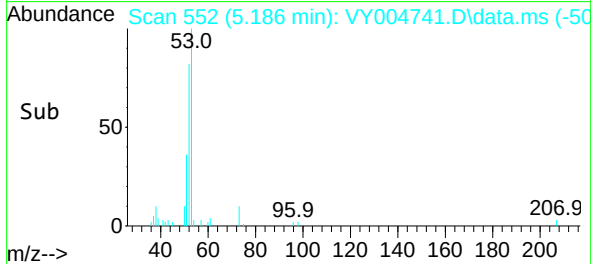




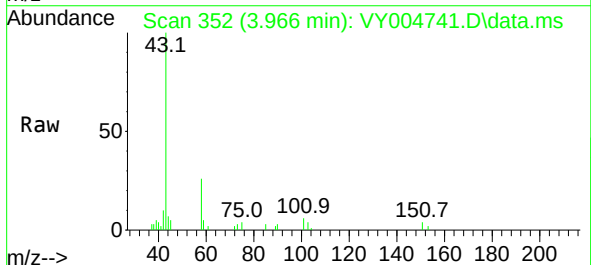
#15
Acrylonitrile
Concen: 21.53 ug/l
RT: 5.186 min Scan# 552
Delta R.T. 0.012 min
Lab File: VY004741.D
Acq: 11 May 2021 12:53



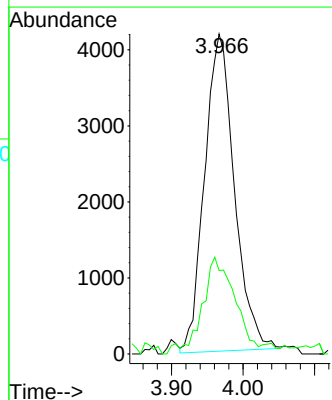
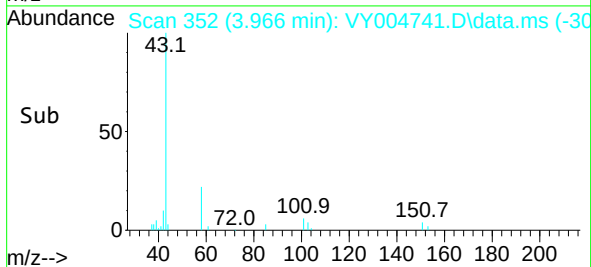
Tgt Ion: 53 Resp: 12831
Ion Ratio Lower Upper
53 100
52 80.3 65.0 97.6
51 35.2 29.3 43.9



#16
Acetone
Concen: 24.22 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY004741.D
Acq: 11 May 2021 12:53



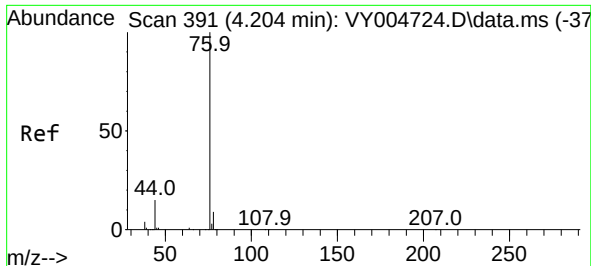
Tgt Ion: 43 Resp: 12091
Ion Ratio Lower Upper
43 100
58 24.9 23.6 35.4



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

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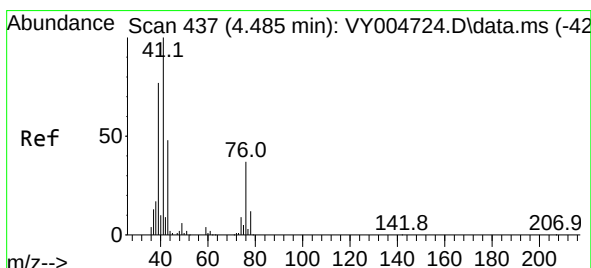
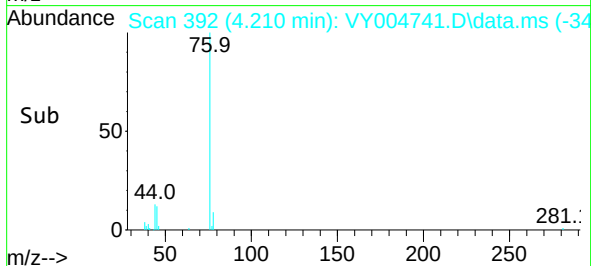
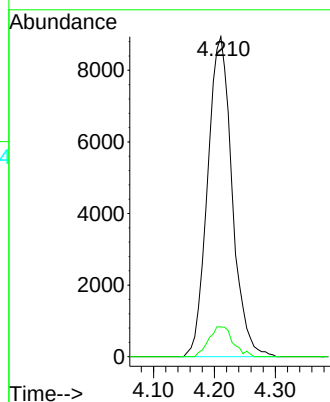
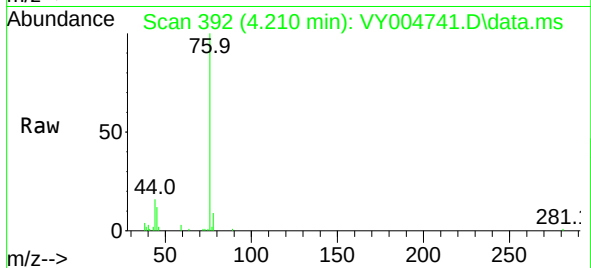
#17
Carbon Disulfide
Concen: 4.43 ug/l
RT: 4.210 min Scan# 392
Delta R.T. 0.006 min
Lab File: VY004741.D
Acq: 11 May 2021 12:53

Tgt Ion: 76 Resp: 24992
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8

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

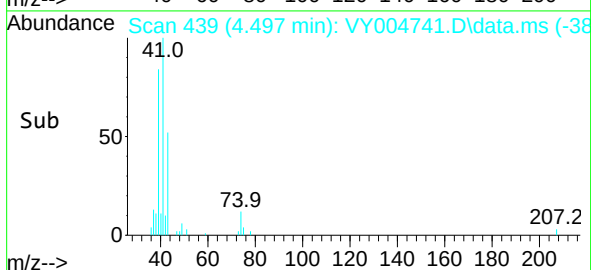
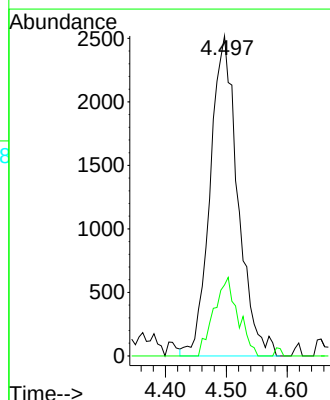
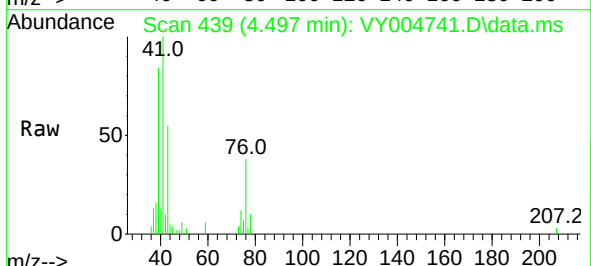
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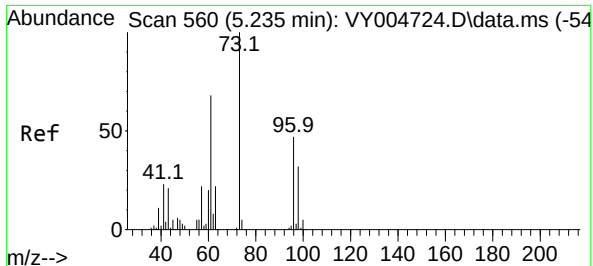
MMDadoda
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#18
Methyl Acetate
Concen: 5.00 ug/l
RT: 4.497 min Scan# 439
Delta R.T. 0.012 min
Lab File: VY004741.D
Acq: 11 May 2021 12:53

Tgt Ion: 43 Resp: 7965
Ion Ratio Lower Upper
43 100
74 21.3 16.6 24.8





#19

Methyl tert-butyl Ether

Concen: 4.27 ug/l

RT: 5.241 min Scan# 561

Delta R.T. 0.006 min

Lab File: VY004741.D

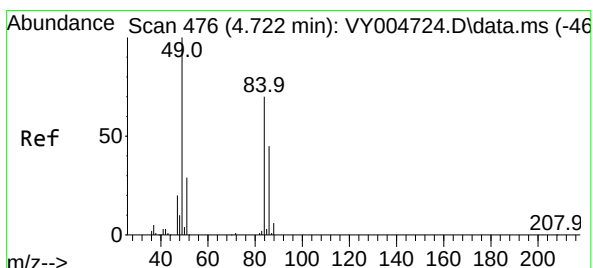
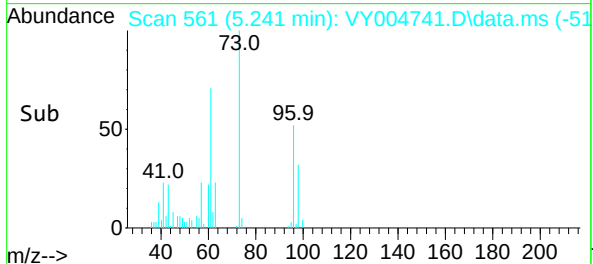
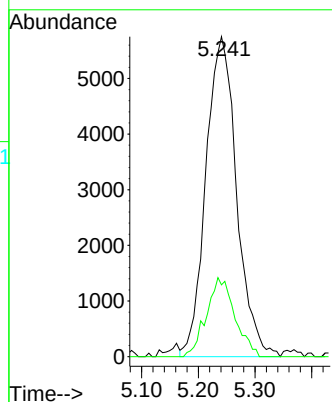
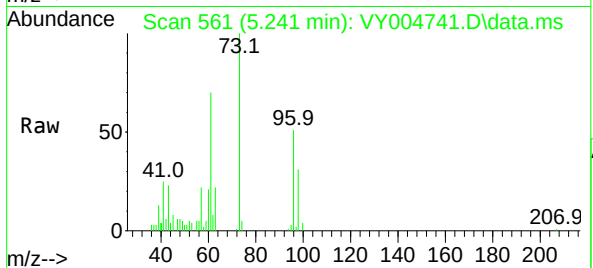
Acq: 11 May 2021 12:53

Tgt Ion: 73 Resp: 21651

Ion Ratio Lower Upper

73 100

57 22.5 17.9 26.9



#20

Methylene Chloride

Concen: 5.29 ug/l

RT: 4.735 min Scan# 478

Delta R.T. 0.013 min

Lab File: VY004741.D

Acq: 11 May 2021 12:53

Tgt Ion: 84 Resp: 16934

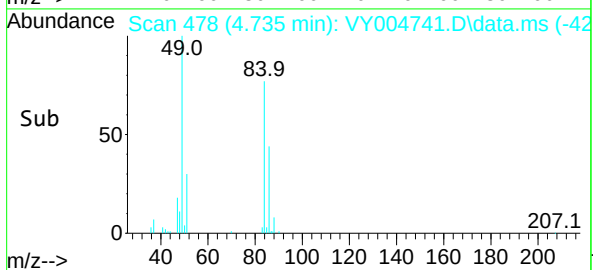
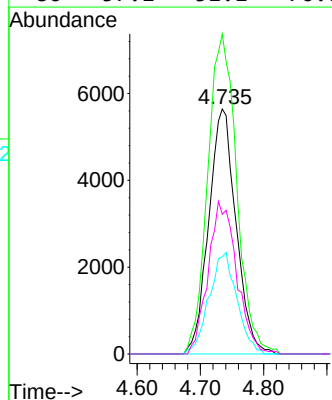
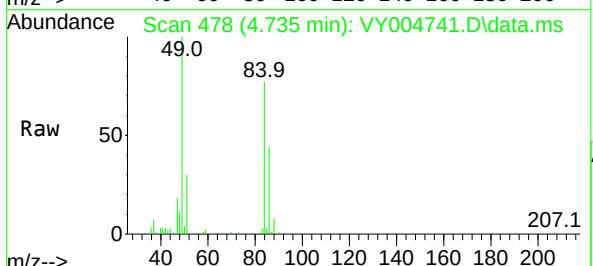
Ion Ratio Lower Upper

84 100

49 130.6 113.8 170.8

51 39.6 33.5 50.3

86 57.1 51.1 76.7



Instrument :

MSVOA_Y

ClientSampleId :

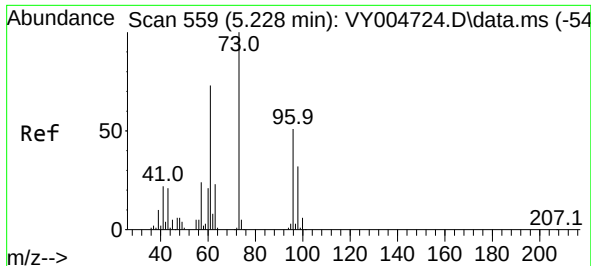
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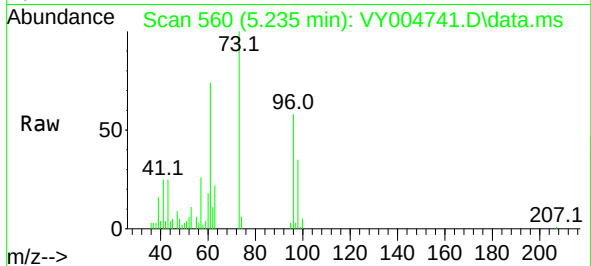
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#21
trans-1,2-Dichloroethene
Concen: 4.21 ug/l
RT: 5.235 min Scan# 560
Delta R.T. 0.006 min
Lab File: VY004741.D
Acq: 11 May 2021 12:53

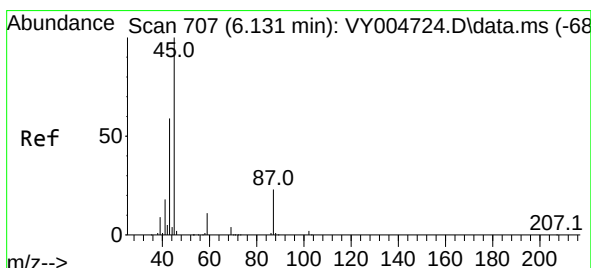
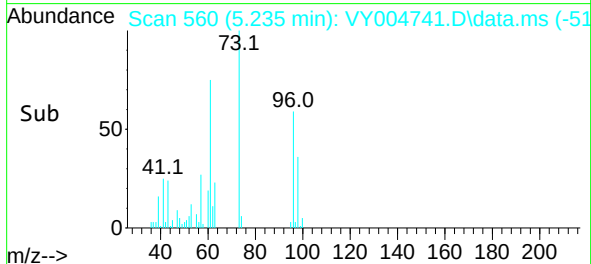
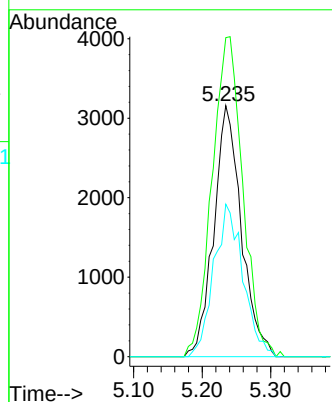
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



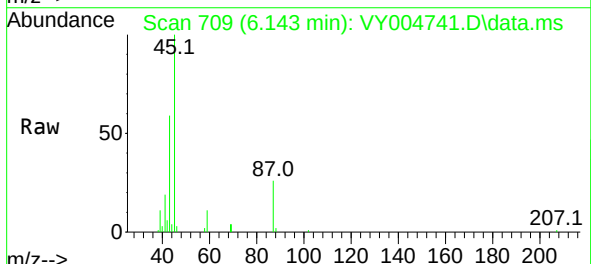
Tgt Ion: 96 Resp: 8827
Ion Ratio Lower Upper
96 100
61 127.1 115.5 173.3
98 60.7 50.6 75.8

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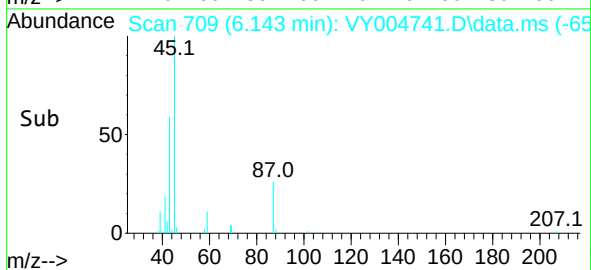
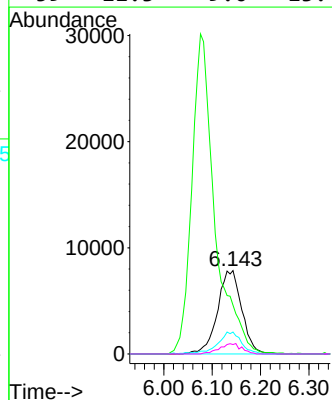
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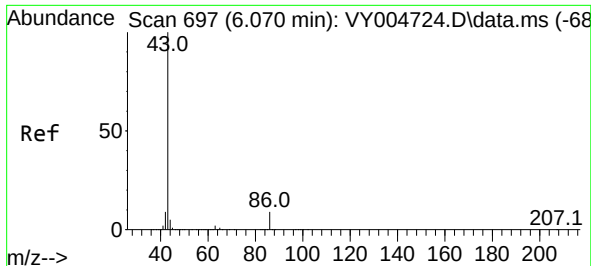


#22
Diisopropyl ether
Concen: 3.95 ug/l
RT: 6.143 min Scan# 709
Delta R.T. 0.012 min
Lab File: VY004741.D
Acq: 11 May 2021 12:53



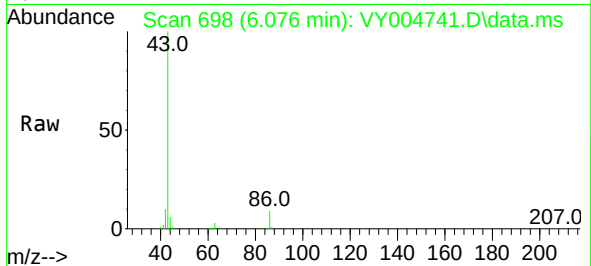
Tgt Ion: 45 Resp: 27390
Ion Ratio Lower Upper
45 100
43 57.6 47.7 71.5
87 26.2 18.9 28.3
59 11.3 9.0 13.4





#23
 Vinyl Acetate
 Concen: 19.09 ug/l
 RT: 6.076 min Scan# 698
 Delta R.T. 0.006 min
 Lab File: VY004741.D
 Acq: 11 May 2021 12:53

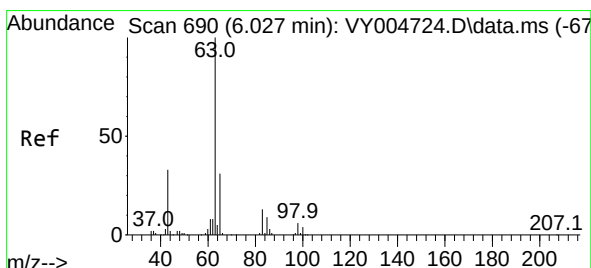
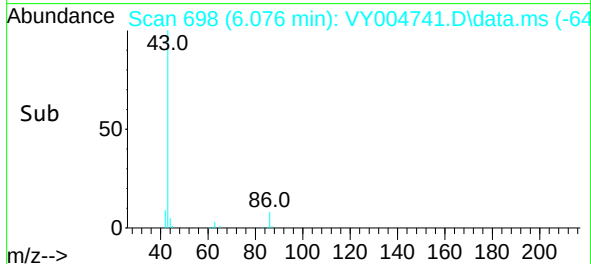
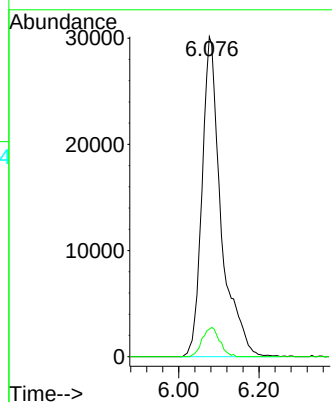
Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2021



Tgt Ion: 43 Resp: 99427
 Ion Ratio Lower Upper
 43 100
 86 8.6 7.2 10.8

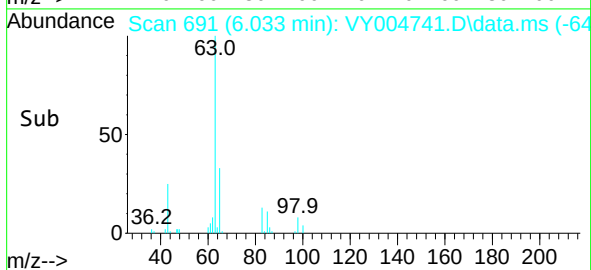
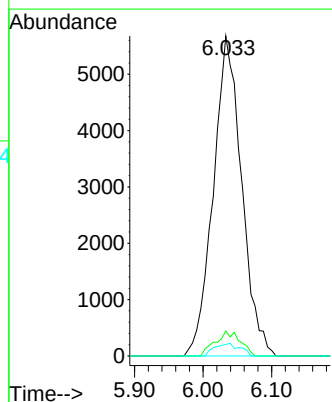
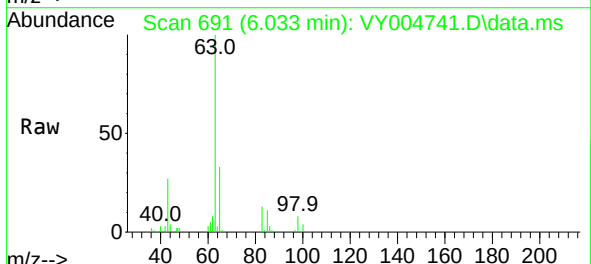
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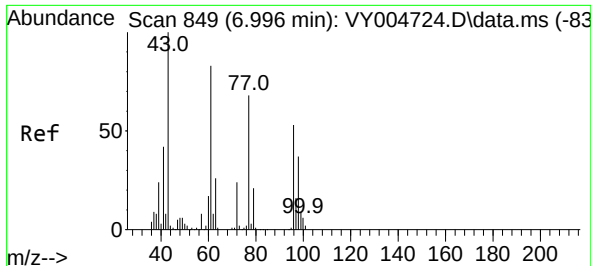
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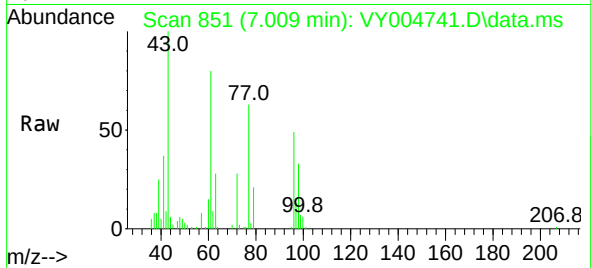
#24
 1,1-Dichloroethane
 Concen: 4.17 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. 0.006 min
 Lab File: VY004741.D
 Acq: 11 May 2021 12:53

Tgt Ion: 63 Resp: 16288
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.1 9.4
 100 3.6 2.0 6.0

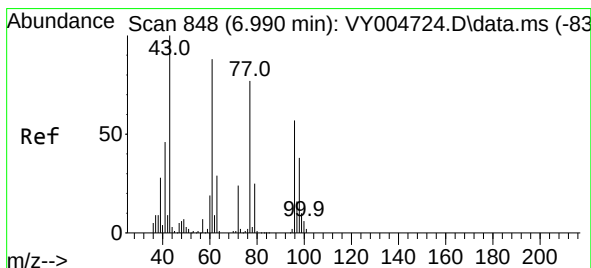
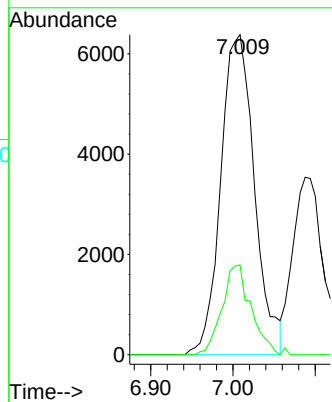
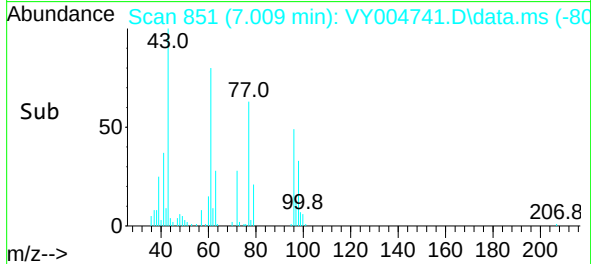




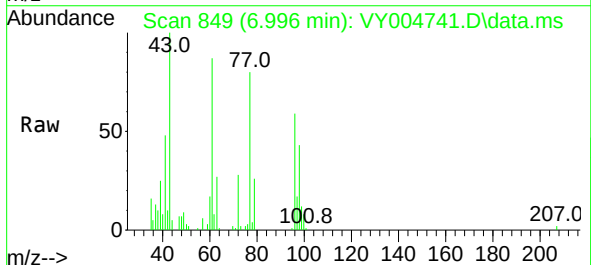
#25
2-Butanone
Concen: 20.53 ug/l
RT: 7.009 min Scan# 851
Delta R.T. 0.012 min
Lab File: VY004741.D
Acq: 11 May 2021 12:53



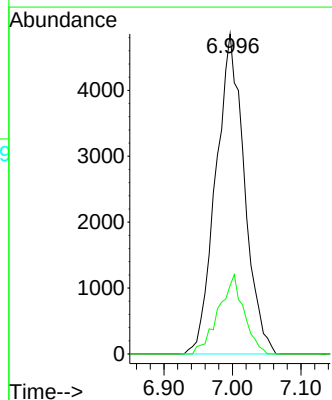
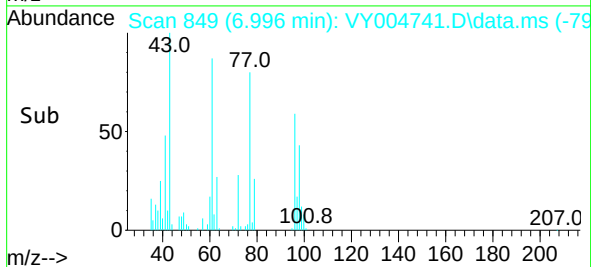
Tgt Ion: 43 Resp: 18202
Ion Ratio Lower Upper
43 100
72 28.0 19.4 29.0



#26
2,2-Dichloropropane
Concen: 4.11 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY004741.D
Acq: 11 May 2021 12:53



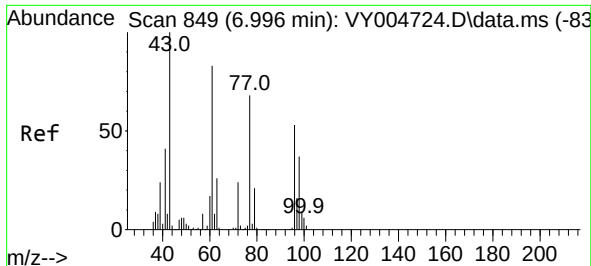
Tgt Ion: 77 Resp: 14007
Ion Ratio Lower Upper
77 100
97 22.1 10.9 32.9



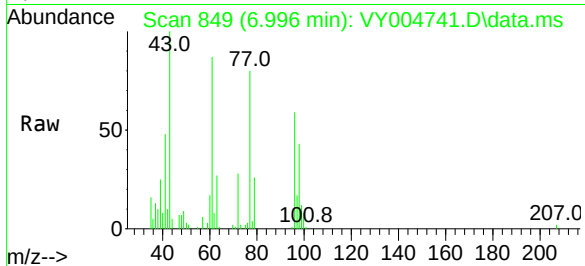
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

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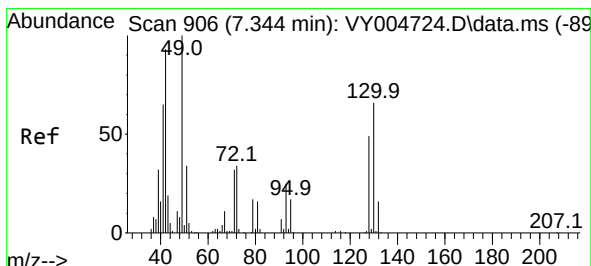
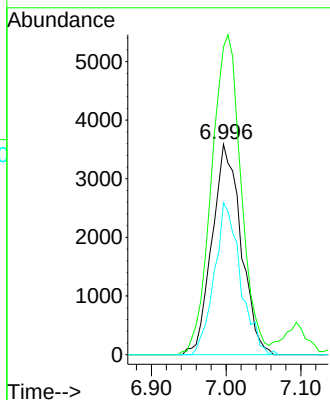
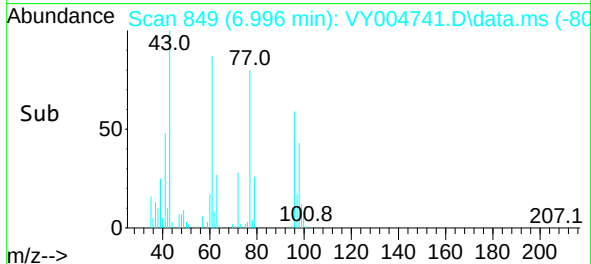
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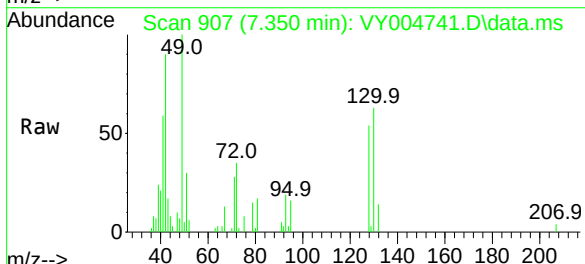
#27
cis-1,2-Dichloroethene
Concen: 4.16 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY004741.D
Acq: 11 May 2021 12:53



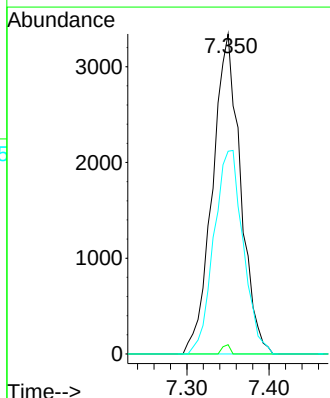
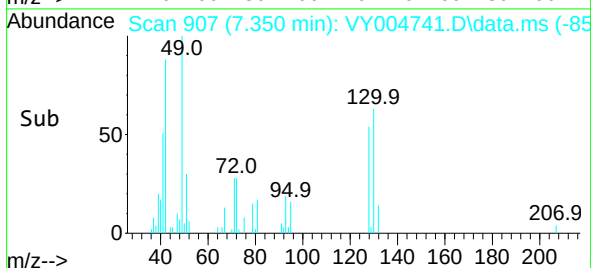
Tgt Ion: 96 Resp: 9683
Ion Ratio Lower Upper
96 100
61 155.1 0.0 308.4
98 65.2 0.0 132.0



#28
Bromochloromethane
Concen: 4.15 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.006 min
Lab File: VY004741.D
Acq: 11 May 2021 12:53



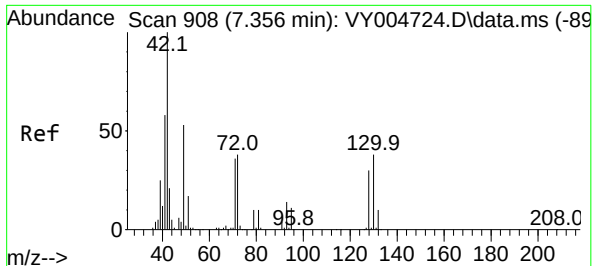
Tgt Ion: 49 Resp: 7918
Ion Ratio Lower Upper
49 100
129 0.8 0.0 4.0
130 66.6 52.8 79.2



Instrument :
MSVOA_Y
ClientSampleId :
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#29

Tetrahydrofuran

Concen: 19.81 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.012 min

Lab File: VY004741.D

Acq: 11 May 2021 12:53

Tgt Ion:	42	Resp:	11206
Ion Ratio	Lower	Upper	
42	100		
72	37.4	29.4	44.0
71	34.4	28.0	42.0

Instrument :

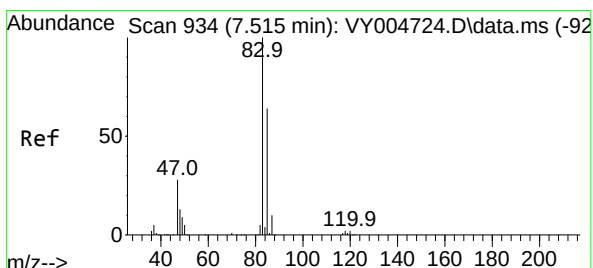
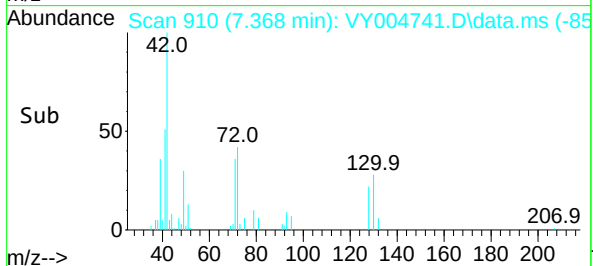
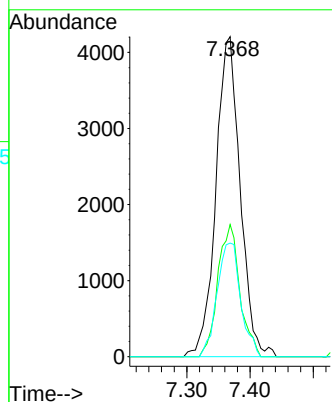
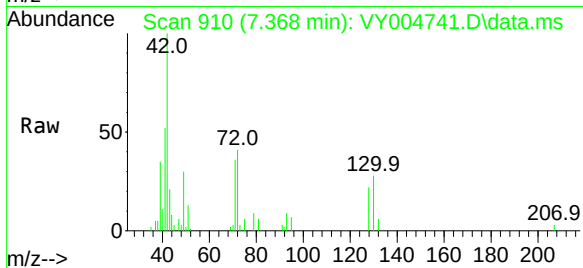
MSVOA_Y

ClientSampleId :

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#30

Chloroform

Concen: 4.28 ug/l

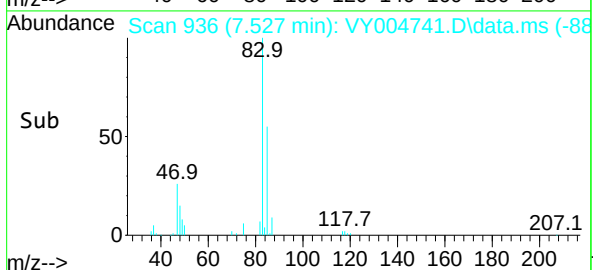
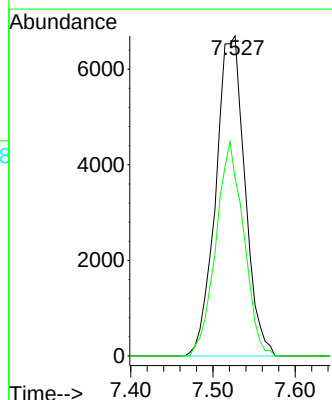
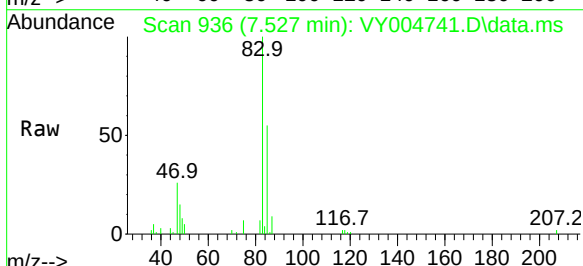
RT: 7.527 min Scan# 936

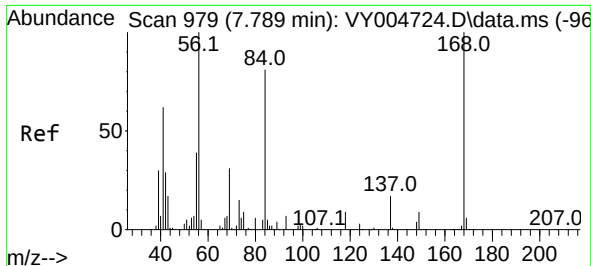
Delta R.T. 0.012 min

Lab File: VY004741.D

Acq: 11 May 2021 12:53

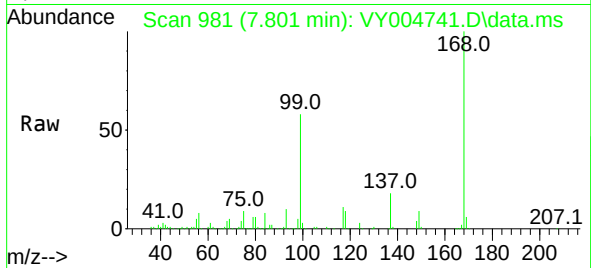
Tgt Ion:	83	Resp:	16464
Ion Ratio	Lower	Upper	
83	100		
85	55.5	51.3	76.9





#31
Cyclohexane
Concen: 4.66 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY004741.D
Acq: 11 May 2021 12:53

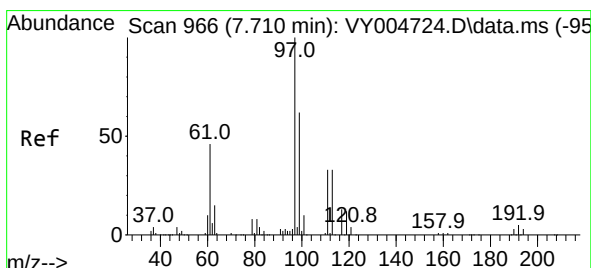
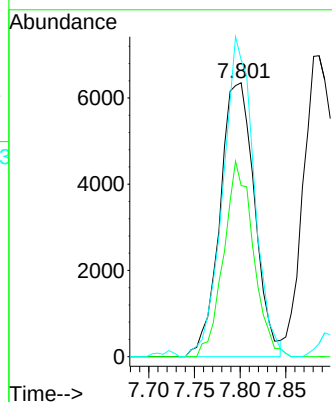
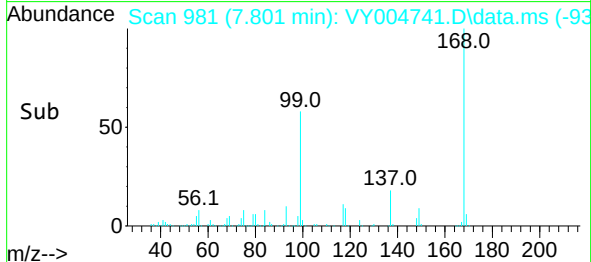
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



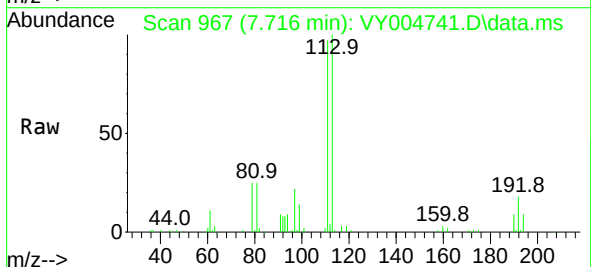
Tgt Ion: 56 Resp: 16748
Ion Ratio Lower Upper
56 100
69 62.5 24.4 36.6#
84 108.4 64.8 97.2#

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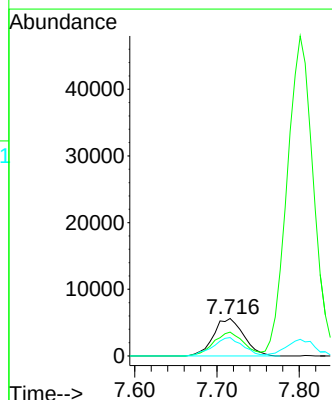
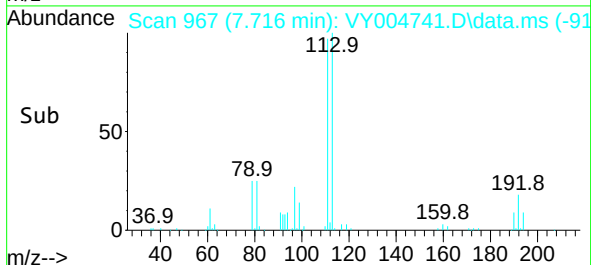
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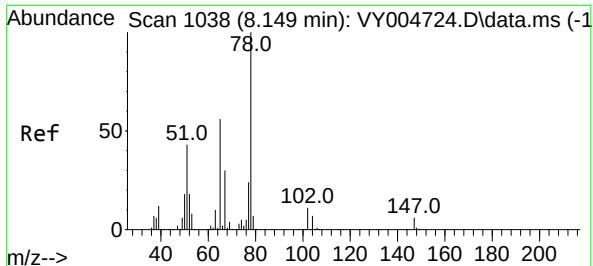


#32
1,1,1-Trichloroethane
Concen: 4.14 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY004741.D
Acq: 11 May 2021 12:53



Tgt Ion: 97 Resp: 14266
Ion Ratio Lower Upper
97 100
99 63.9 50.7 76.1
61 48.9 37.0 55.6





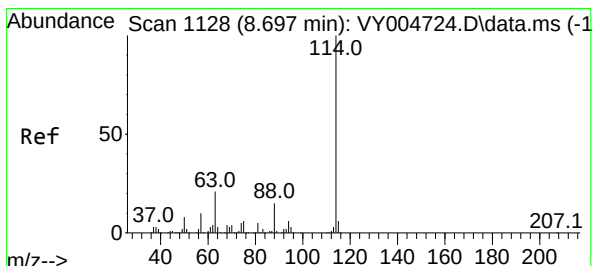
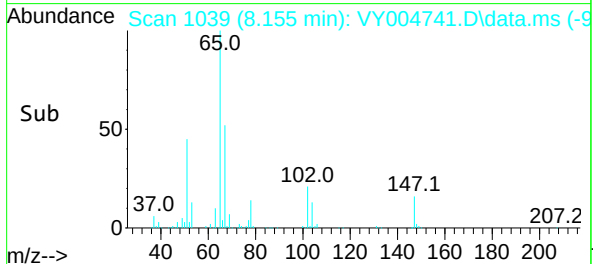
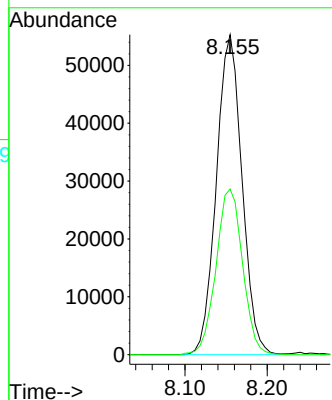
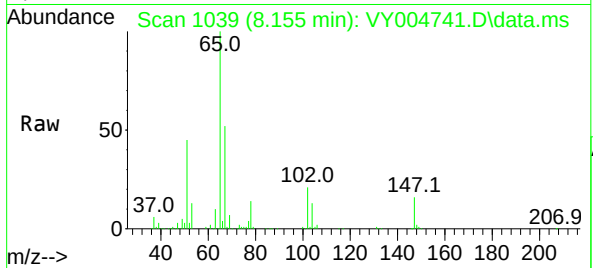
#33
1,2-Dichloroethane-d4
Concen: 53.95 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VY004741.D
Acq: 11 May 2021 12:53

Tgt Ion: 65 Resp: 119885
Ion Ratio Lower Upper
65 100
67 53.6 0.0 108.0

Instrument :
MSVOA_Y
ClientSampleId :
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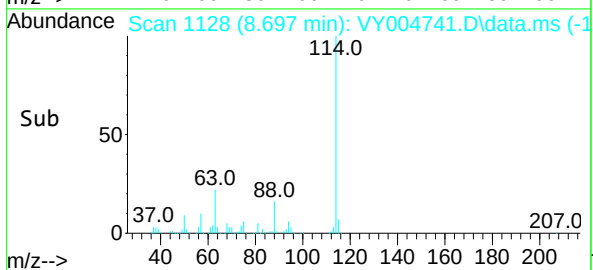
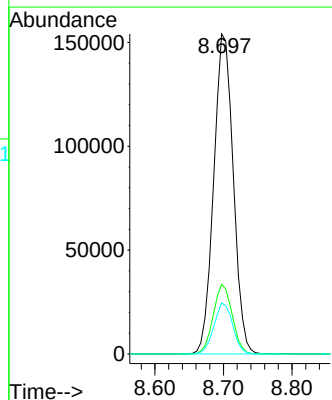
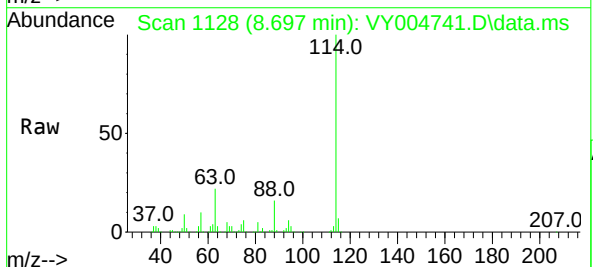
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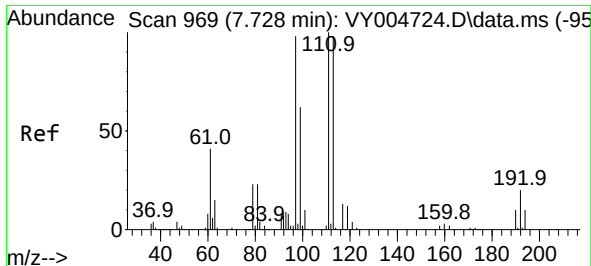
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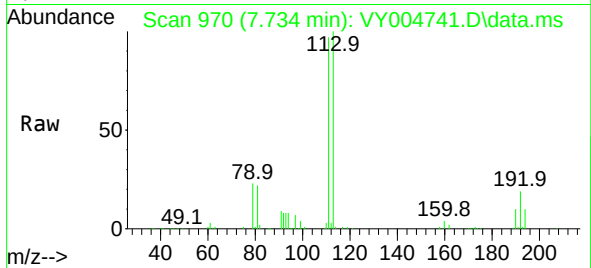
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004741.D
Acq: 11 May 2021 12:53

Tgt Ion: 114 Resp: 304664
Ion Ratio Lower Upper
114 100
63 21.7 0.0 42.8
88 16.0 0.0 31.0

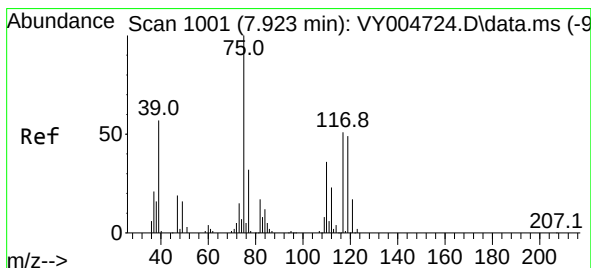
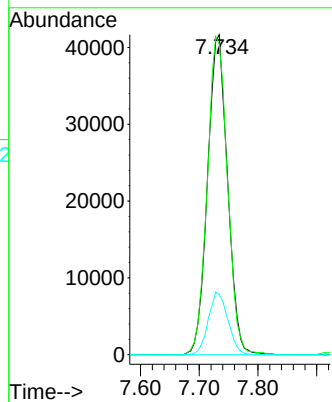
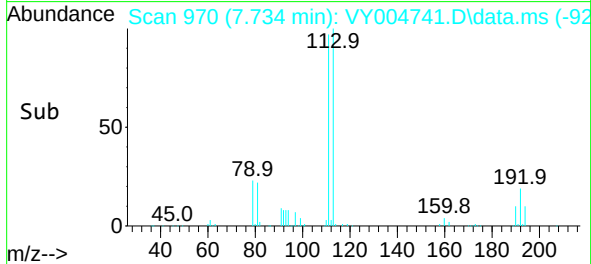




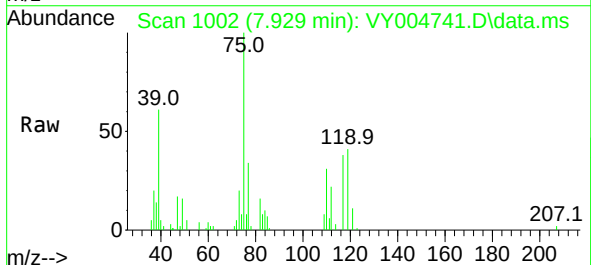
#35
Dibromofluoromethane
Concen: 58.99 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY004741.D
Acq: 11 May 2021 12:53



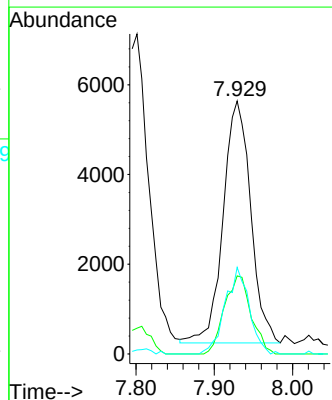
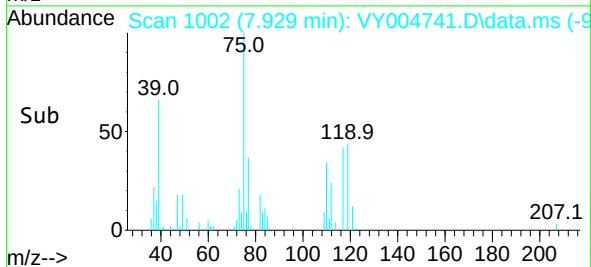
Tgt Ion: 113 Resp: 98383
Ion Ratio Lower Upper
113 100
111 100.8 80.5 120.7
192 19.2 15.0 22.6



#36
1,1-Dichloropropene
Concen: 4.23 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.006 min
Lab File: VY004741.D
Acq: 11 May 2021 12:53



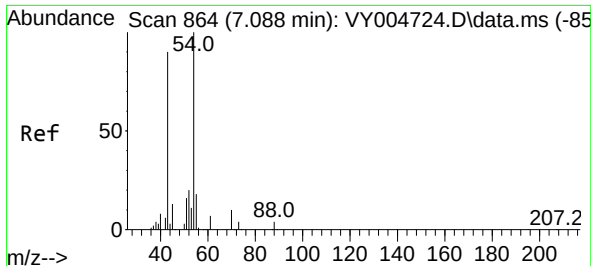
Tgt Ion: 75 Resp: 13208
Ion Ratio Lower Upper
75 100
110 31.1 17.0 50.9
77 31.1 25.0 37.4



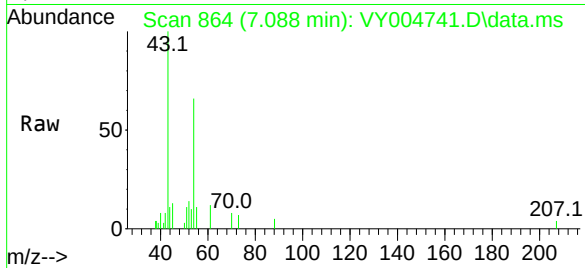
Instrument :
MSVOA_Y
ClientSampleId :
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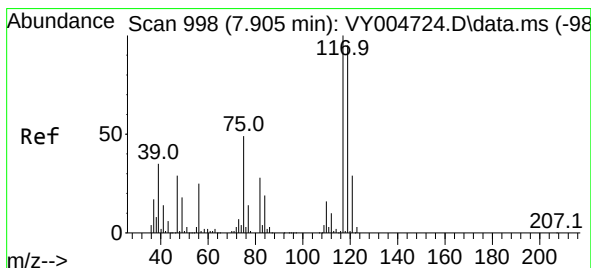
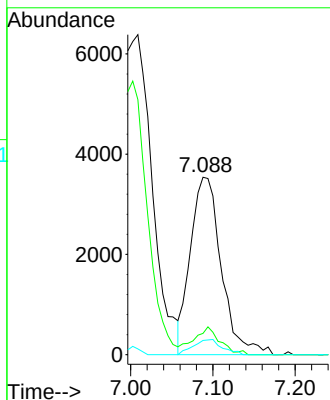
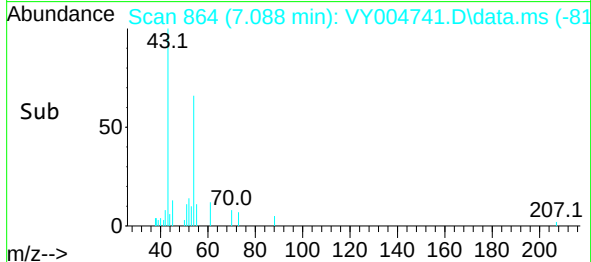


#37
Ethyl Acetate
Concen: 4.32 ug/l
RT: 7.088 min Scan# 864
Delta R.T. 0.000 min
Lab File: VY004741.D
Acq: 11 May 2021 12:53

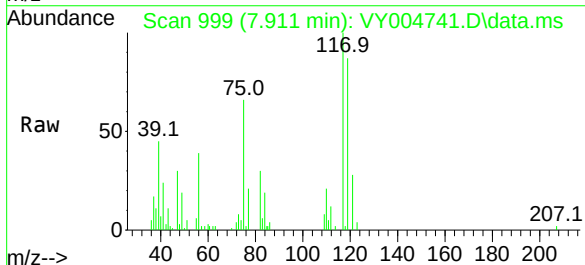


Tgt Ion: 43 Resp: 9251

Ion	Ratio	Lower	Upper
43	100		
61	13.4	9.9	14.9
70	7.9	6.7	10.1

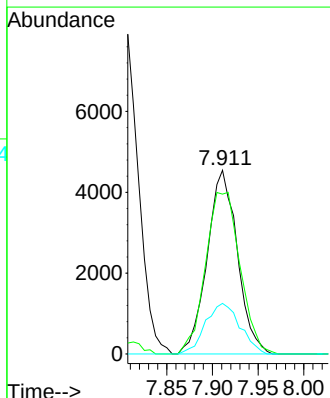
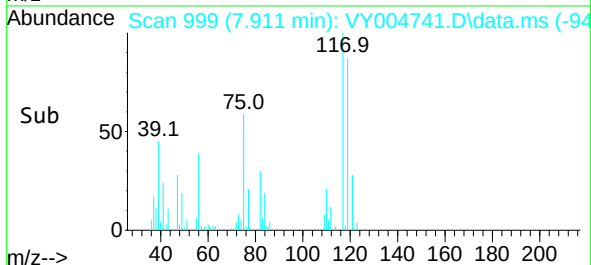


#38
Carbon Tetrachloride
Concen: 3.72 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.006 min
Lab File: VY004741.D
Acq: 11 May 2021 12:53



Tgt Ion: 117 Resp: 10428

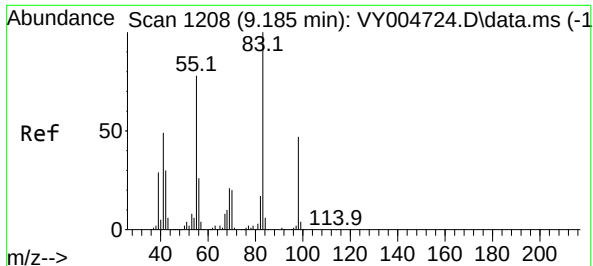
Ion	Ratio	Lower	Upper
117	100		
119	87.0	76.3	114.5
121	27.5	23.0	34.6



Instrument :
MSVOA_Y
ClientSampleId :
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#39

Methylcyclohexane

Concen: 3.95 ug/l

RT: 9.191 min Scan# 1209

Delta R.T. 0.006 min

Lab File: VY004741.D

Acq: 11 May 2021 12:53

Tgt Ion:	83	Resp:	13441
Ion	Ratio	Lower	Upper
83	100		
55	84.4	62.6	94.0
98	44.0	37.8	56.6

Instrument :

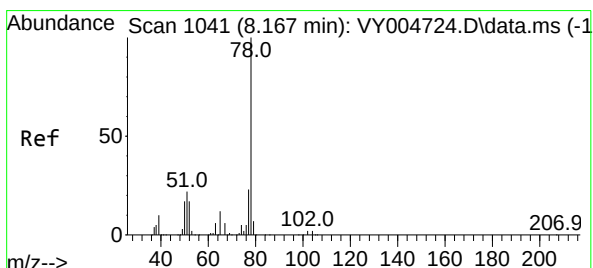
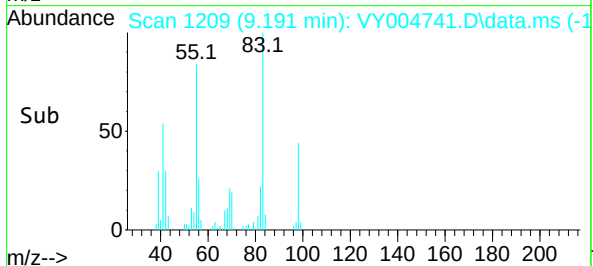
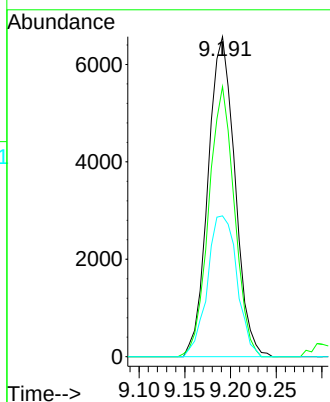
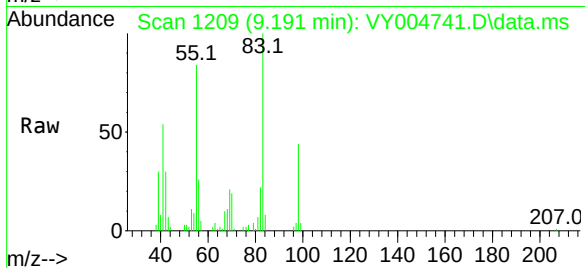
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ClientSampleId :

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#40

Benzene

Concen: 4.13 ug/l

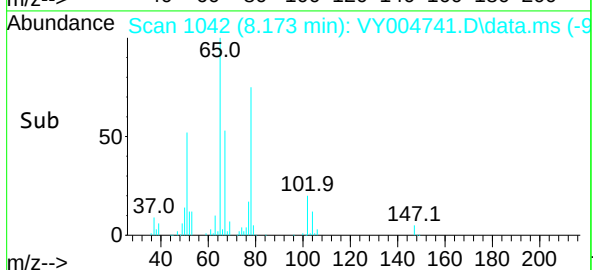
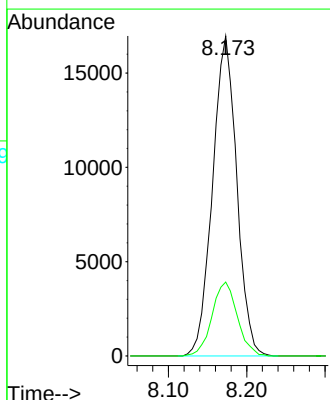
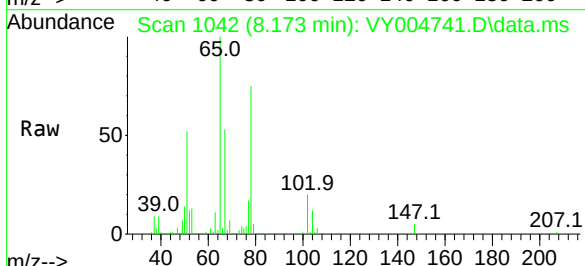
RT: 8.173 min Scan# 1042

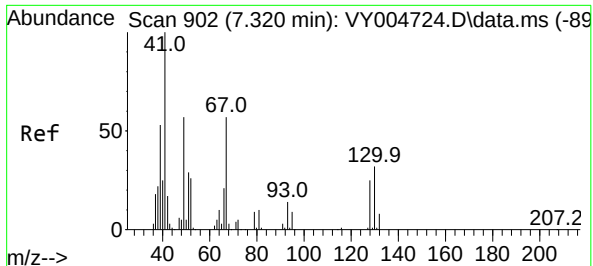
Delta R.T. 0.006 min

Lab File: VY004741.D

Acq: 11 May 2021 12:53

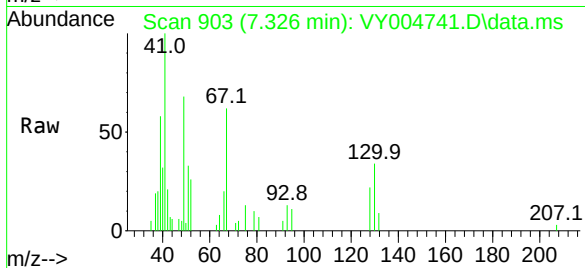
Tgt Ion:	78	Resp:	36416
Ion	Ratio	Lower	Upper
78	100		
77	23.1	18.4	27.6





#41
Methacrylonitrile
Concen: 4.31 ug/l
RT: 7.326 min Scan# 903
Delta R.T. 0.006 min
Lab File: VY004741.D
Acq: 11 May 2021 12:53

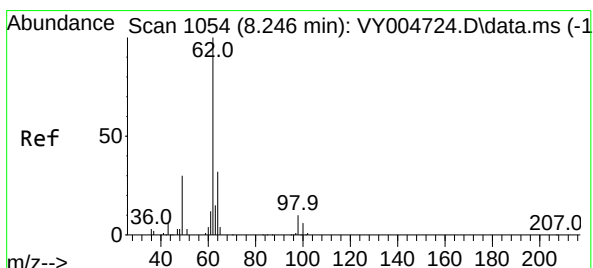
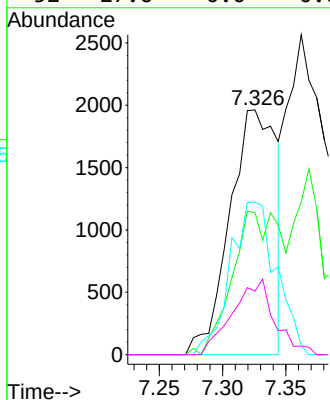
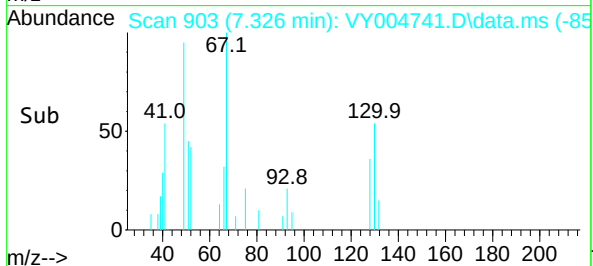
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



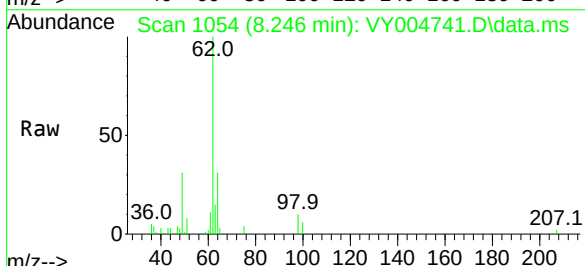
Tgt Ion	Ratio	Lower	Upper
41	100		
39	39.7	0.0	0.0#
67	61.3	0.0	0.0#
52	27.6	0.0	0.0#

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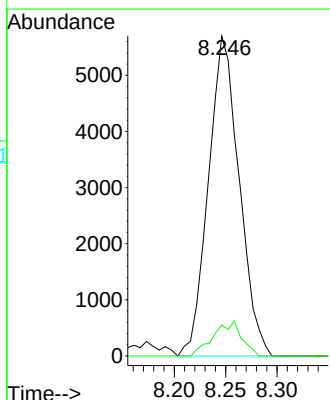
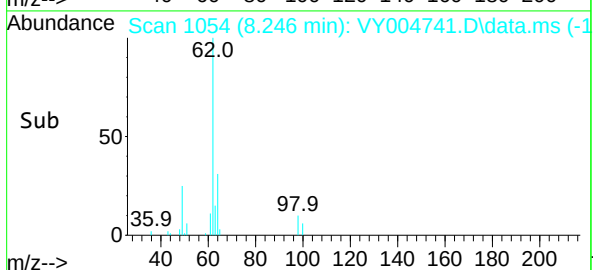
MMDadoda
5/12/2021 10:43:00 AM

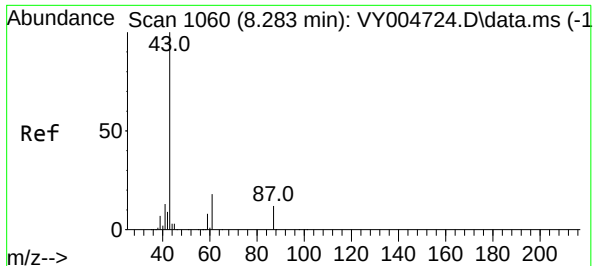


#42
1,2-Dichloroethane
Concen: 4.25 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VY004741.D
Acq: 11 May 2021 12:53



Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	18.2





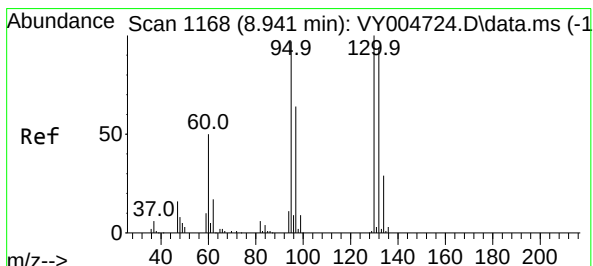
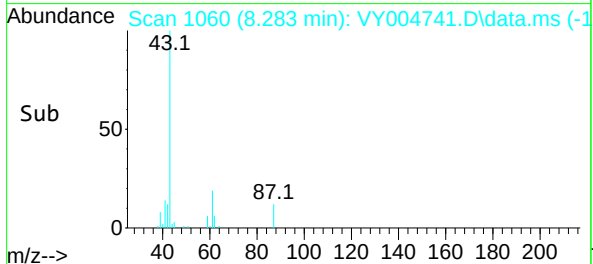
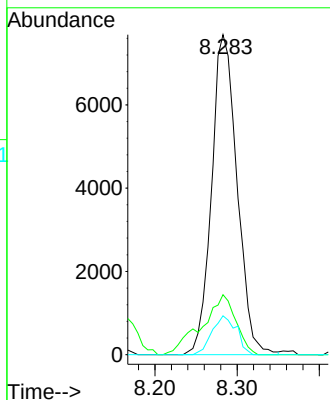
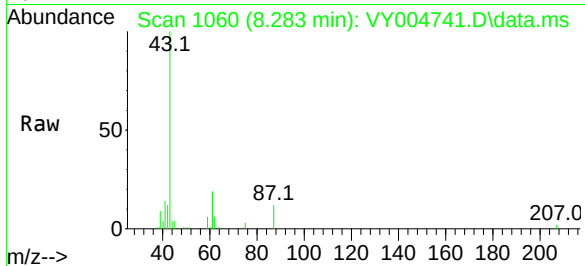
#43
Isopropyl Acetate
Concen: 4.17 ug/l
RT: 8.283 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VY004741.D
Acq: 11 May 2021 12:53

Tgt Ion: 43	Resp: 16567
Ion Ratio	Lower Upper
43 100	
61 25.0	20.3 30.5
87 11.7	9.2 13.8

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

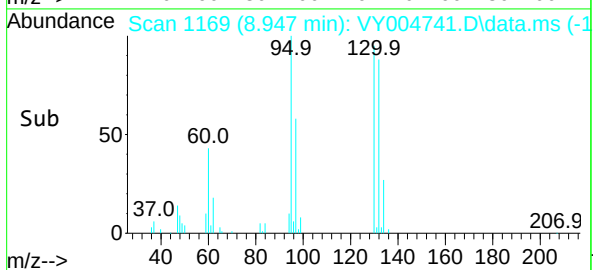
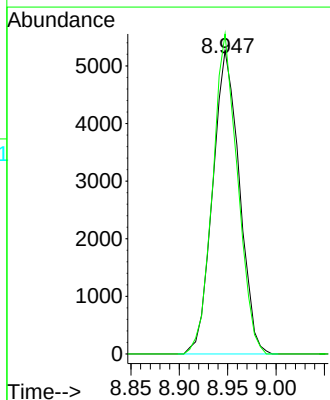
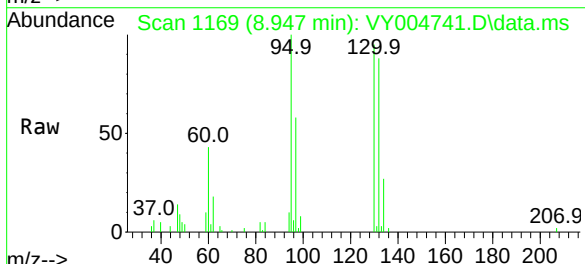
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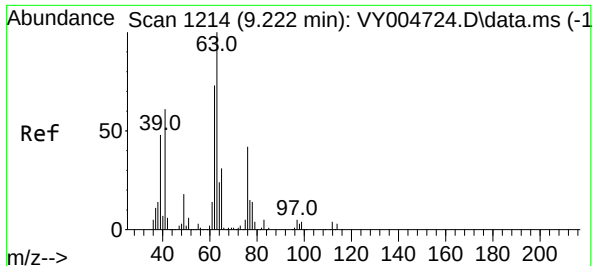
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#44
Trichloroethene
Concen: 4.25 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.006 min
Lab File: VY004741.D
Acq: 11 May 2021 12:53

Tgt Ion: 130	Resp: 10079
Ion Ratio	Lower Upper
130 100	
95 105.4	0.0 193.6





#45

1,2-Dichloropropane

Concen: 4.12 ug/l

RT: 9.228 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VY004741.D

Acq: 11 May 2021 12:53

Tgt Ion: 63 Resp: 9519

Ion Ratio Lower Upper

63 100

65 30.0 25.0 37.4

Instrument :

MSVOA_Y

ClientSampleId :

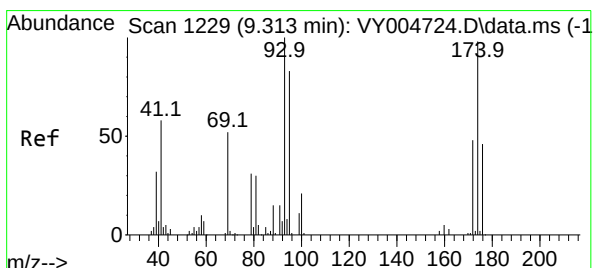
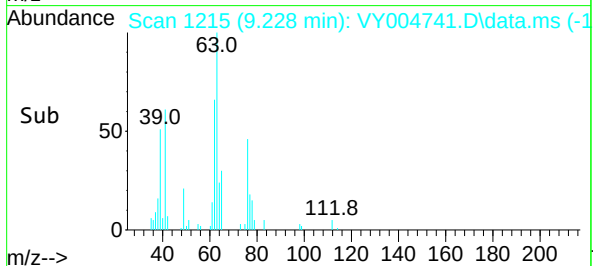
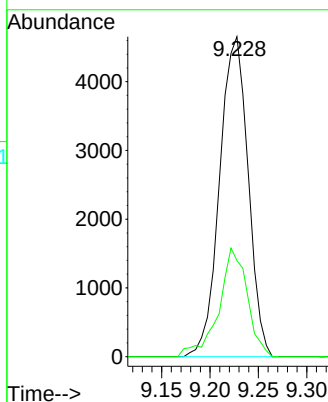
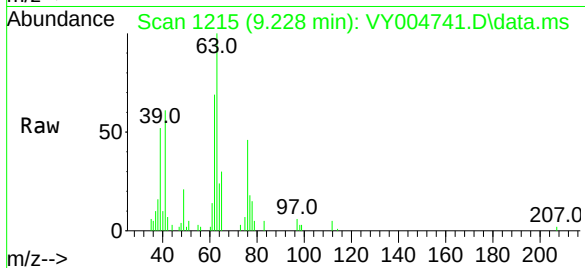
LOD-MDL-SOIL-01-QT2-2021

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#46

Dibromomethane

Concen: 4.09 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VY004741.D

Acq: 11 May 2021 12:53

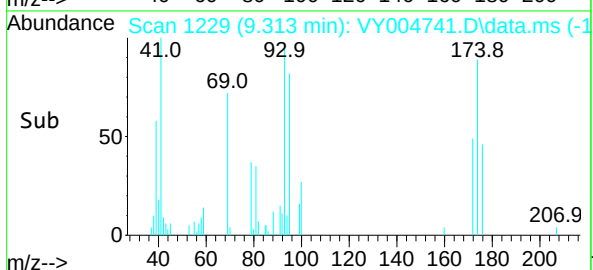
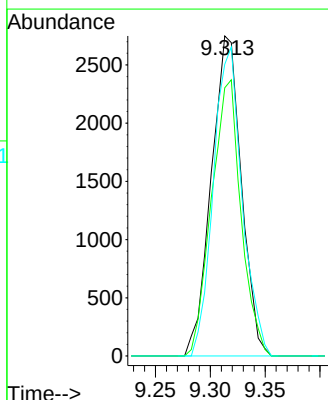
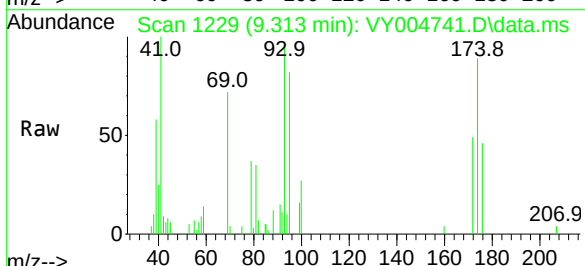
Tgt Ion: 93 Resp: 5249

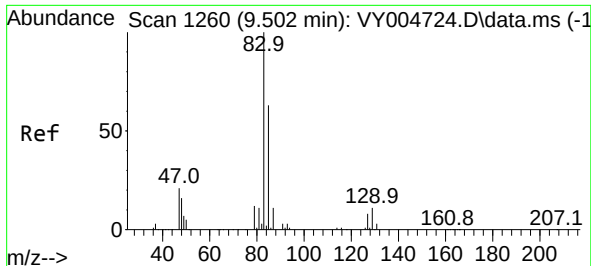
Ion Ratio Lower Upper

93 100

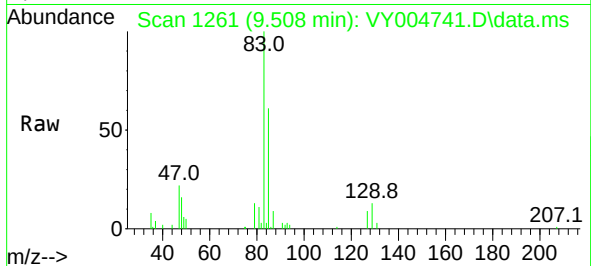
95 84.5 66.8 100.2

174 92.2 75.9 113.9

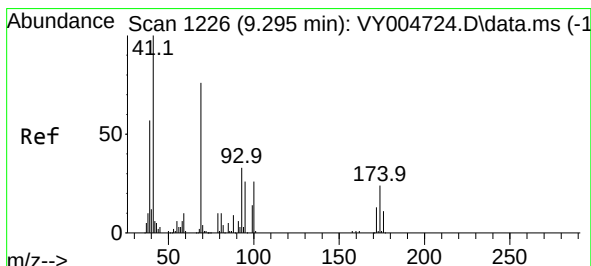
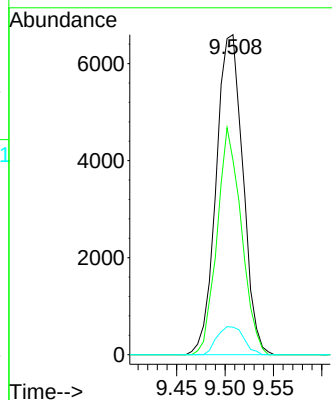
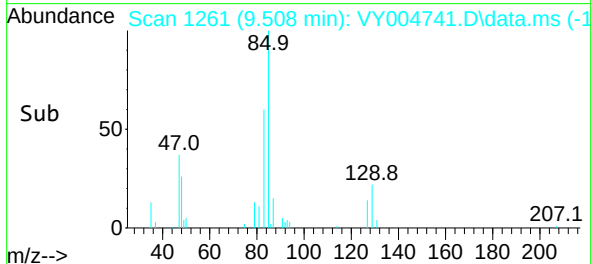




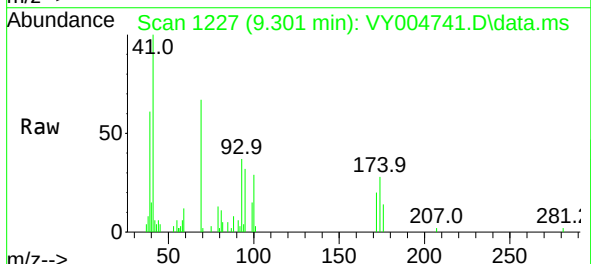
#47
Bromodichloromethane
Concen: 4.16 ug/l
RT: 9.508 min Scan# 1261
Delta R.T. 0.006 min
Lab File: VY004741.D
Acq: 11 May 2021 12:53



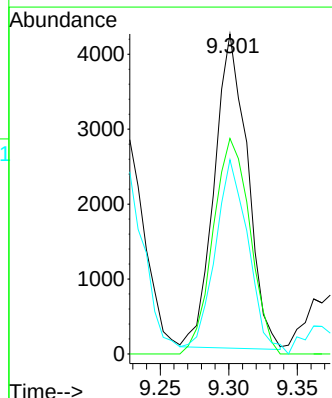
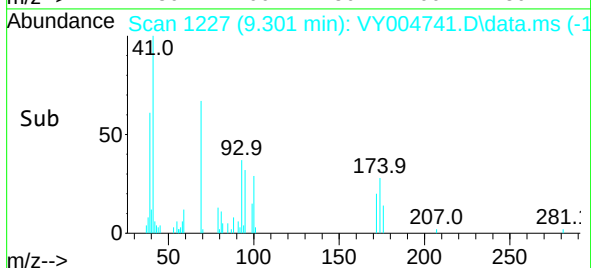
Tgt Ion: 83 Resp: 12678
Ion Ratio Lower Upper
83 100
85 60.7 50.4 75.6
127 8.6 6.6 9.8



#48
Methyl methacrylate
Concen: 3.89 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY004741.D
Acq: 11 May 2021 12:53



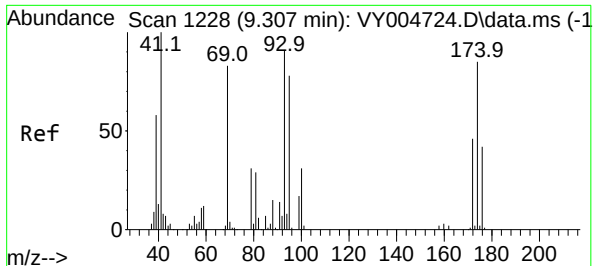
Tgt Ion: 41 Resp: 7036
Ion Ratio Lower Upper
41 100
69 76.6 62.0 93.0
39 62.7 48.4 72.6



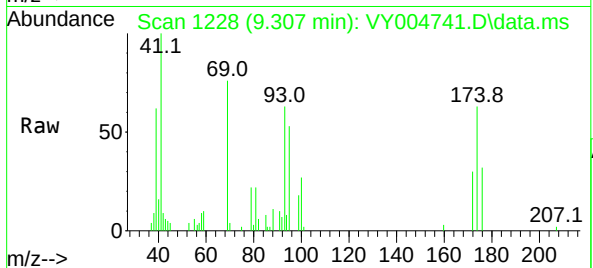
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

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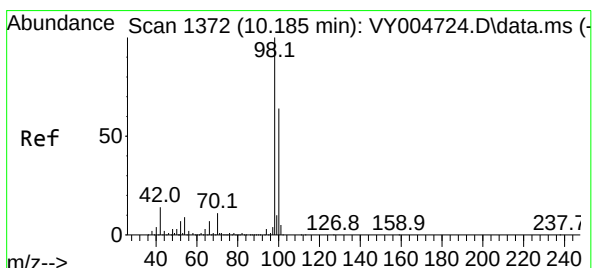
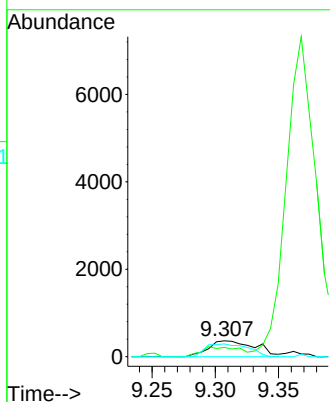
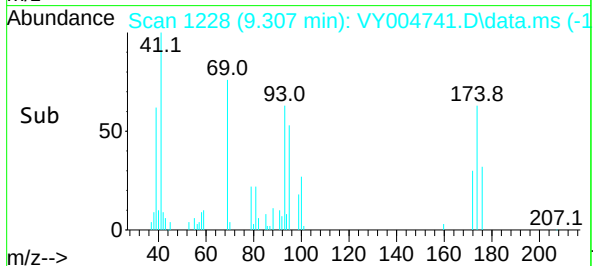
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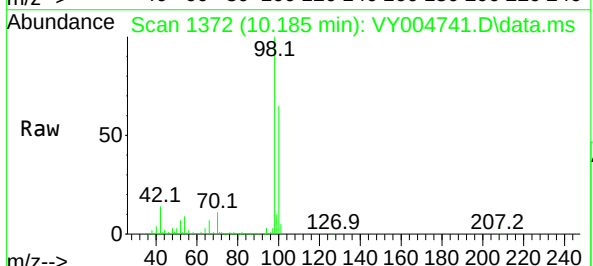
#49
1,4-Dioxane
Concen: 62.16 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VY004741.D
Acq: 11 May 2021 12:53



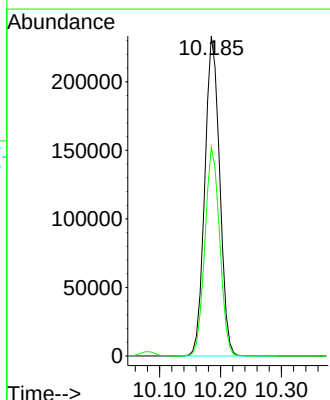
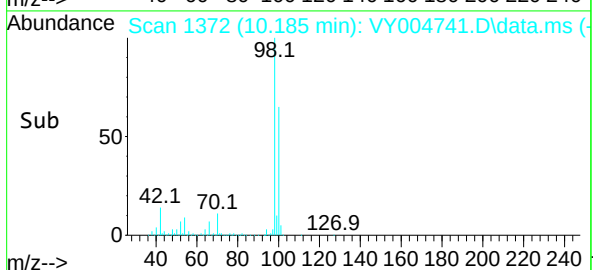
Tgt Ion: 88 Resp: 940
Ion Ratio Lower Upper
88 100
43 50.0 32.1 48.1#
58 73.5 64.2 96.4



#50
Toluene-d8
Concen: 52.47 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004741.D
Acq: 11 May 2021 12:53



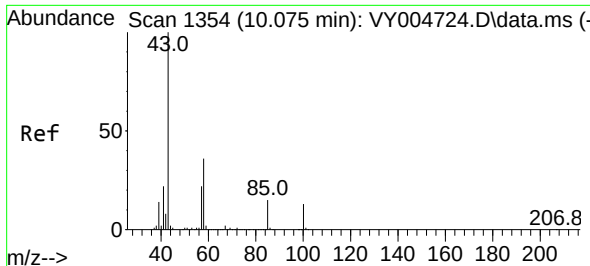
Tgt Ion: 98 Resp: 395305
Ion Ratio Lower Upper
98 100
100 65.1 51.5 77.3



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

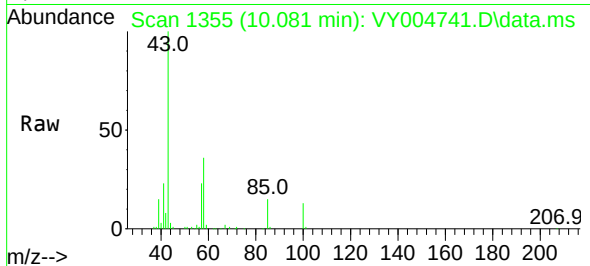
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#51
4-Methyl-2-Pentanone
Concen: 19.82 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. 0.006 min
Lab File: VY004741.D
Acq: 11 May 2021 12:53

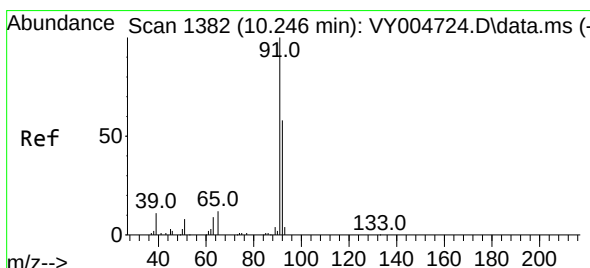
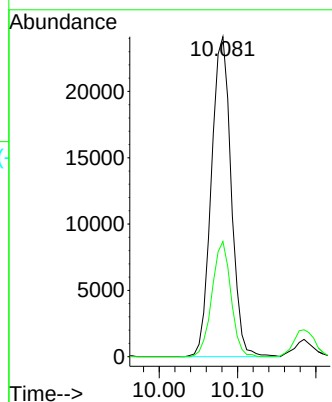
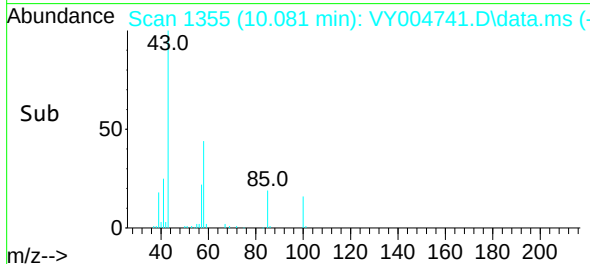
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



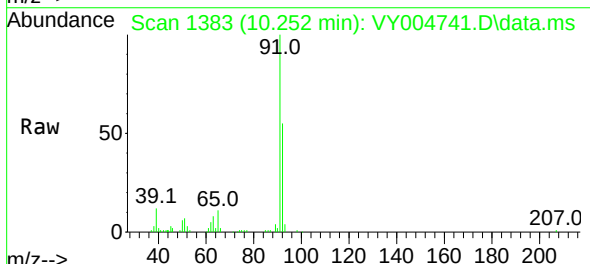
Tgt Ion: 43 Resp: 42347
Ion Ratio Lower Upper
43 100
58 34.4 28.7 43.1

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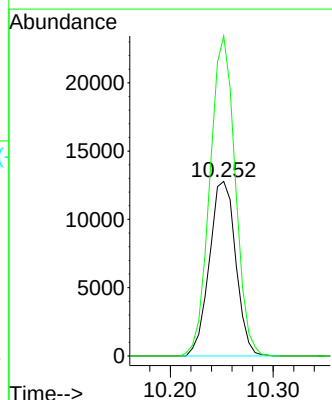
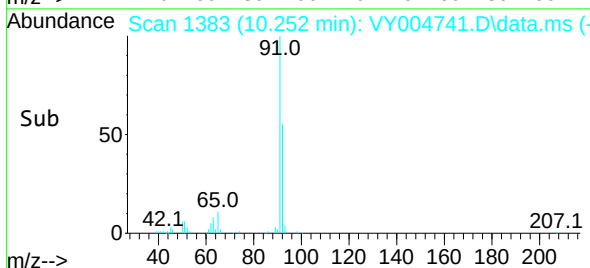
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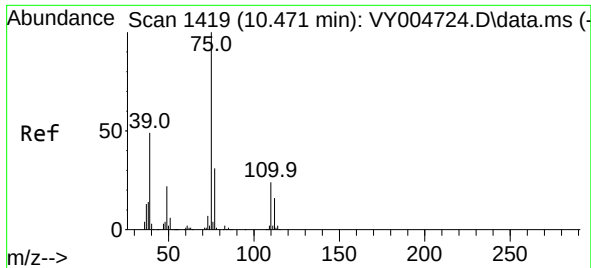


#52
Toluene
Concen: 4.08 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.006 min
Lab File: VY004741.D
Acq: 11 May 2021 12:53



Tgt Ion: 92 Resp: 22714
Ion Ratio Lower Upper
92 100
91 176.1 138.2 207.4





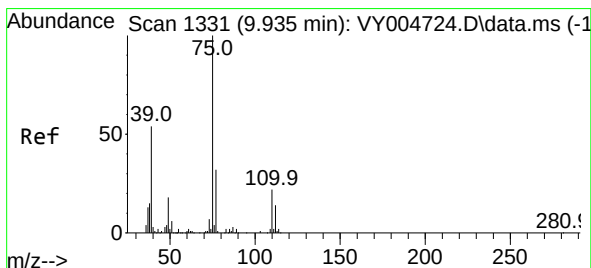
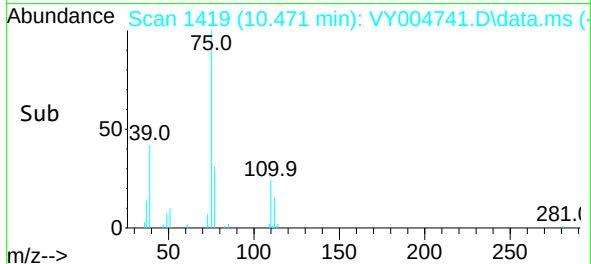
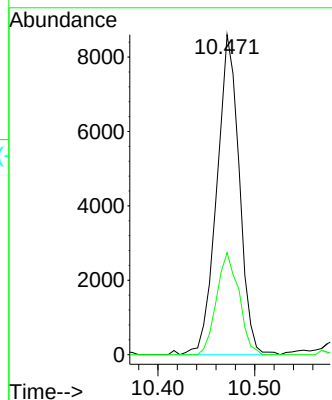
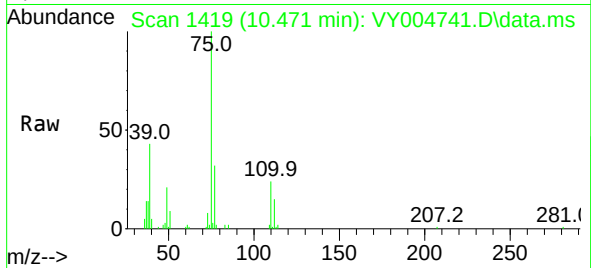
#53
t-1,3-Dichloropropene
Concen: 4.10 ug/l
RT: 10.471 min Scan# 1419
Delta R.T. 0.000 min
Lab File: VY004741.D
Acq: 11 May 2021 12:53

Tgt Ion: 75 Resp: 13840
Ion Ratio Lower Upper
75 100
77 31.9 24.8 37.2

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

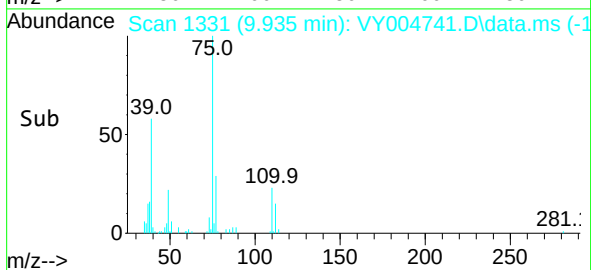
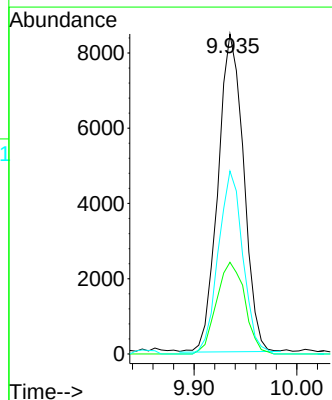
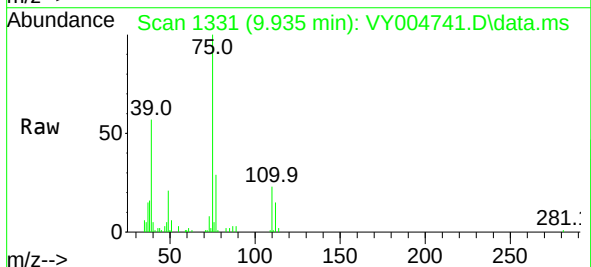
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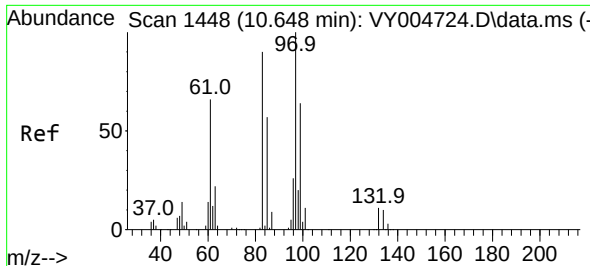
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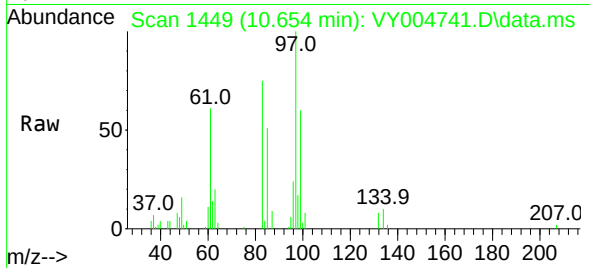
#54
cis-1,3-Dichloropropene
Concen: 3.90 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. 0.000 min
Lab File: VY004741.D
Acq: 11 May 2021 12:53

Tgt Ion: 75 Resp: 14647
Ion Ratio Lower Upper
75 100
77 28.9 25.4 38.0
39 57.6 43.2 64.8

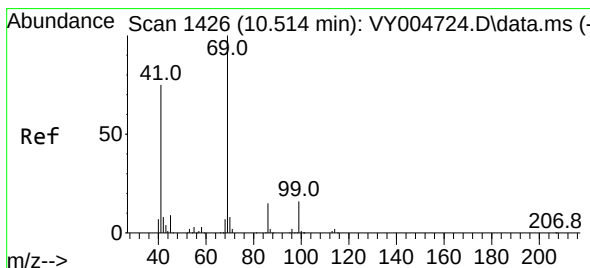
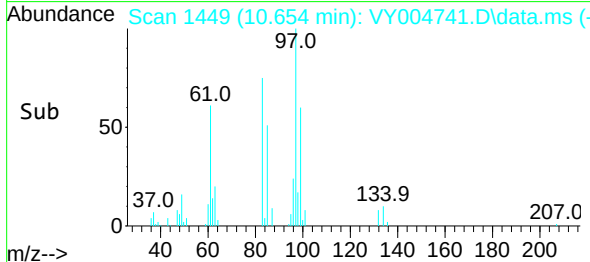
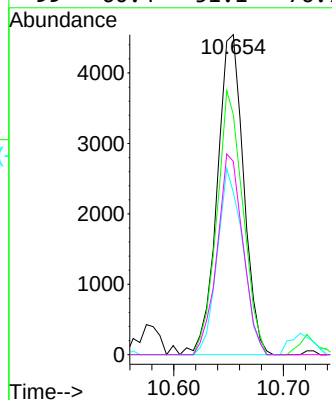




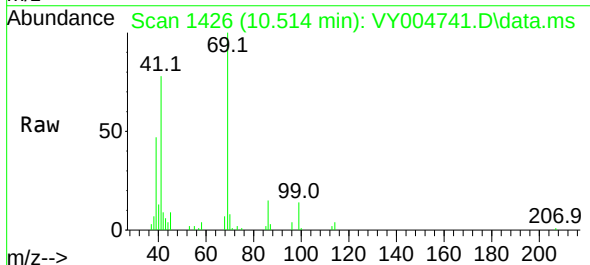
#55
1,1,2-Trichloroethane
Concen: 4.31 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. 0.006 min
Lab File: VY004741.D
Acq: 11 May 2021 12:53



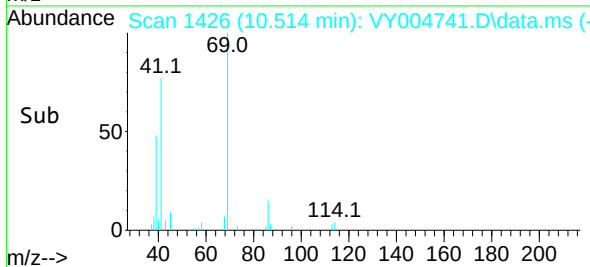
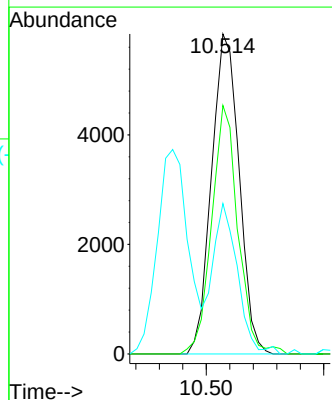
Tgt Ion:	97	Resp:	7625
Ion	Ratio	Lower	Upper
97	100		
83	75.1	71.9	107.9
85	50.7	45.8	68.6
99	60.4	51.1	76.7



#56
Ethyl methacrylate
Concen: 3.73 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VY004741.D
Acq: 11 May 2021 12:53



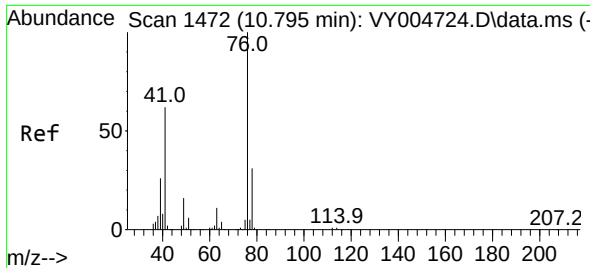
Tgt Ion:	69	Resp:	9536
Ion	Ratio	Lower	Upper
69	100		
41	74.0	60.2	90.4
39	42.4	33.5	50.3



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

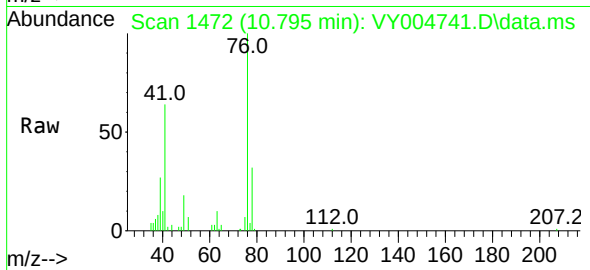
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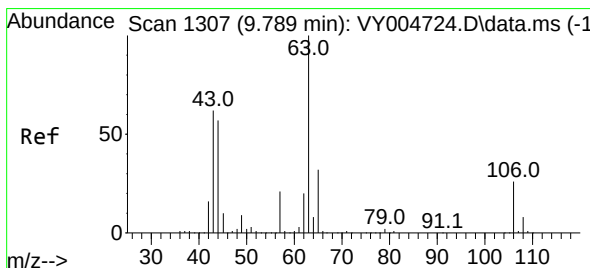
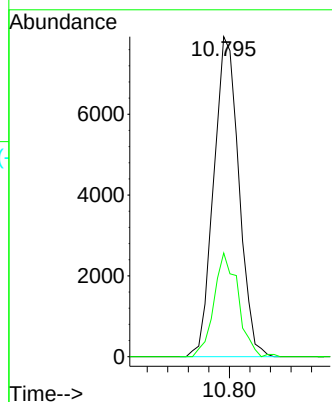
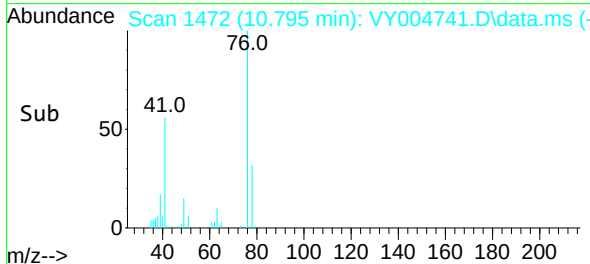


#57
1,3-Dichloropropane
Concen: 4.28 ug/l
RT: 10.795 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VY004741.D
Acq: 11 May 2021 12:53

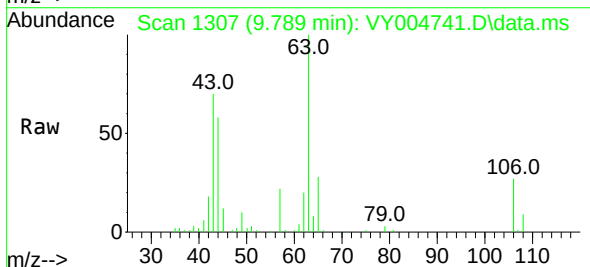
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



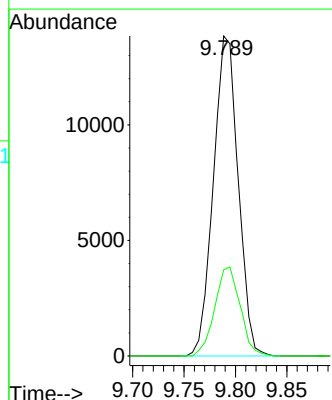
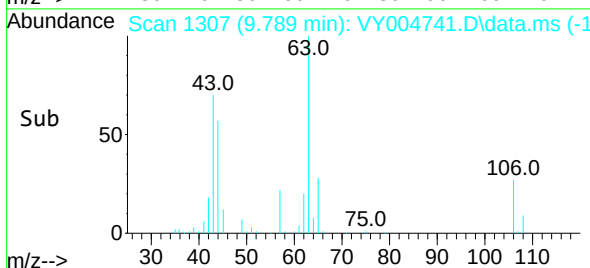
Tgt Ion: 76 Resp: 13438
Ion Ratio Lower Upper
76 100
78 31.4 25.5 38.3

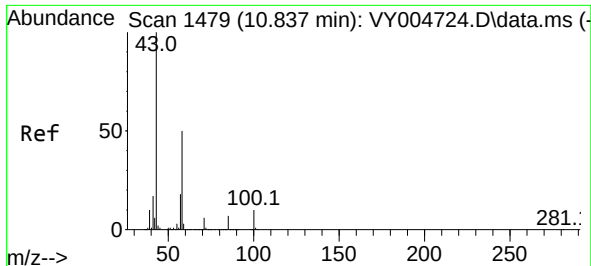


#58
2-Chloroethyl Vinyl ether
Concen: 17.61 ug/l
RT: 9.789 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VY004741.D
Acq: 11 May 2021 12:53



Tgt Ion: 63 Resp: 23233
Ion Ratio Lower Upper
63 100
106 28.4 20.9 31.3





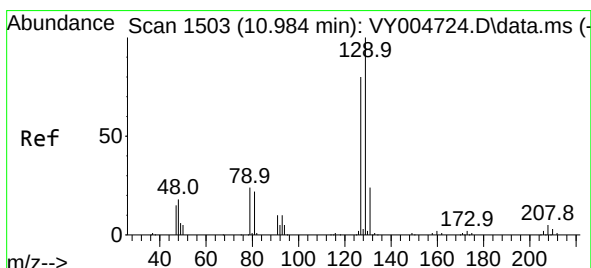
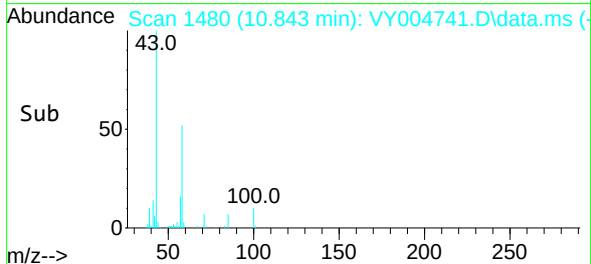
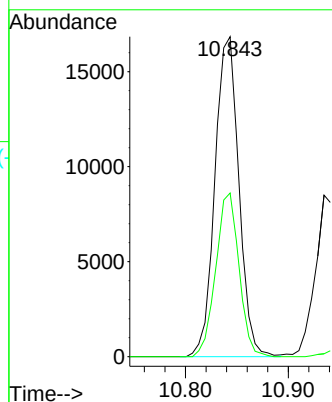
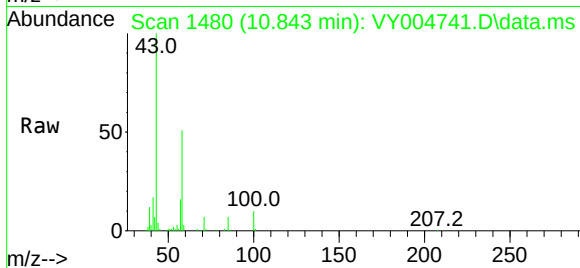
#59
2-Hexanone
Concen: 18.82 ug/l
RT: 10.843 min Scan# 1480
Delta R.T. 0.006 min
Lab File: VY004741.D
Acq: 11 May 2021 12:53

Tgt Ion: 43 Resp: 27249
Ion Ratio Lower Upper
43 100
58 49.6 24.9 74.8

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

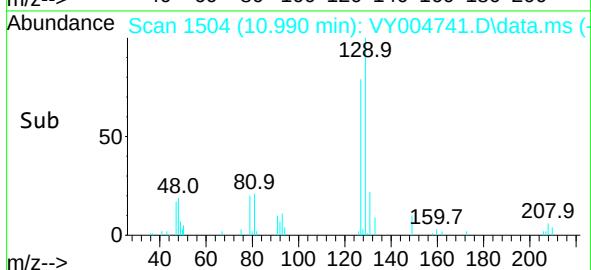
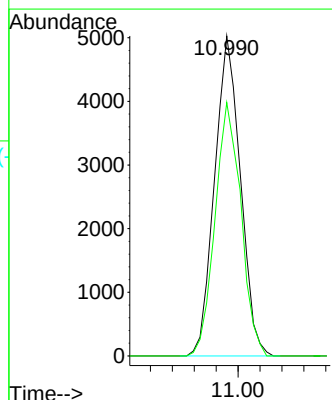
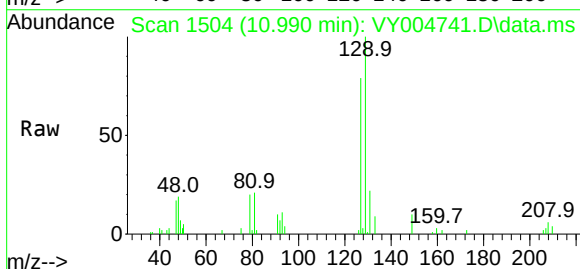
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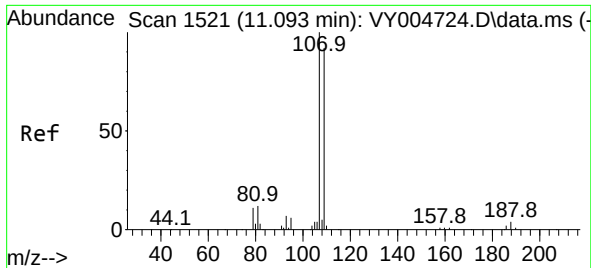
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#60
Dibromochloromethane
Concen: 3.92 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.006 min
Lab File: VY004741.D
Acq: 11 May 2021 12:53

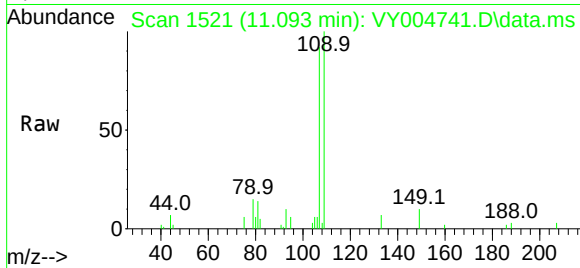
Tgt Ion: 129 Resp: 8230
Ion Ratio Lower Upper
129 100
127 79.4 39.4 118.1





#61
1,2-Dibromoethane
Concen: 3.99 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY004741.D
Acq: 11 May 2021 12:53

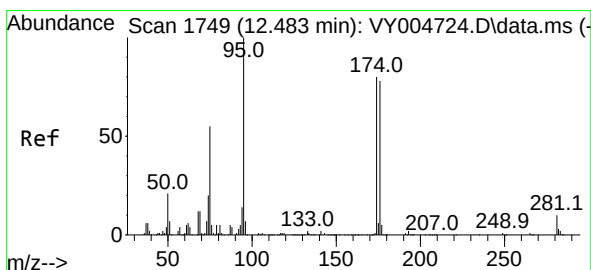
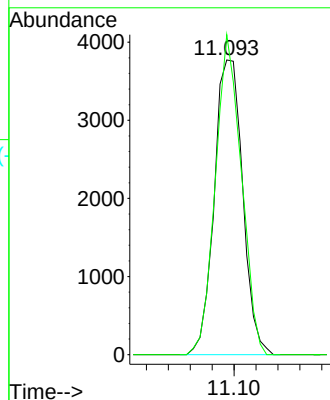
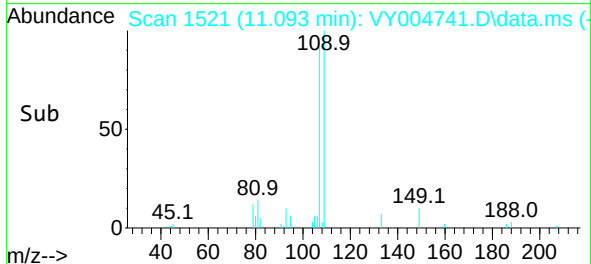
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



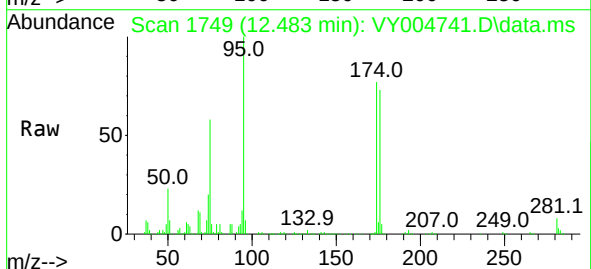
Tgt Ion:107 Resp: 6794
Ion Ratio Lower Upper
107 100
109 99.3 73.8 110.6

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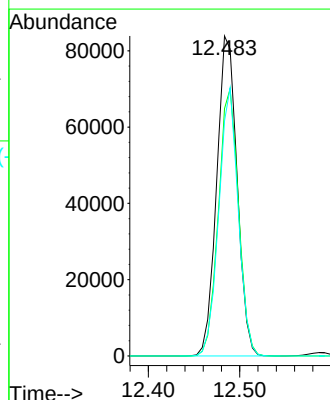
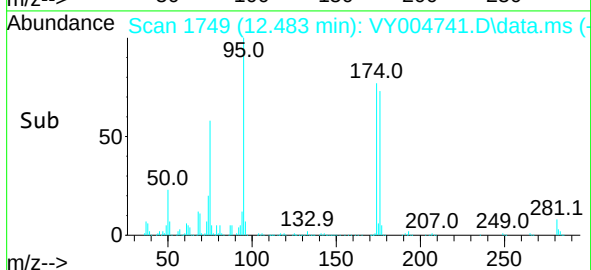
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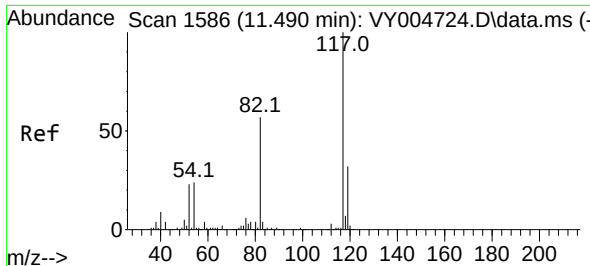


#62
4-Bromofluorobenzene
Concen: 51.08 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004741.D
Acq: 11 May 2021 12:53



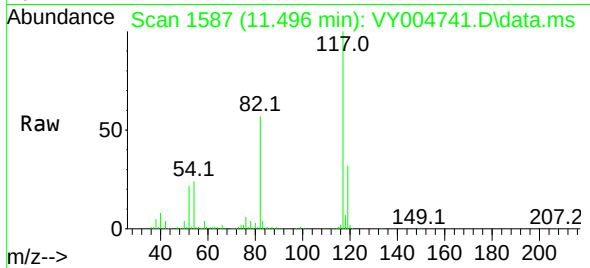
Tgt Ion: 95 Resp: 129895
Ion Ratio Lower Upper
95 100
174 82.7 0.0 164.2
176 79.7 0.0 159.0





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY004741.D
Acq: 11 May 2021 12:53

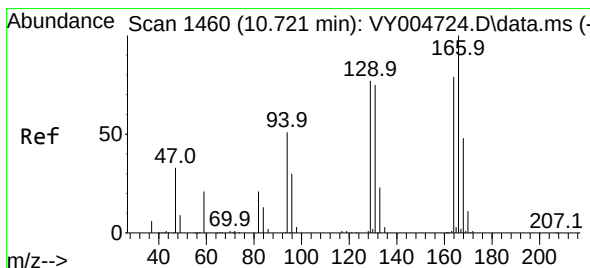
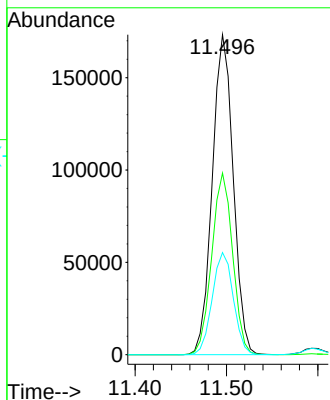
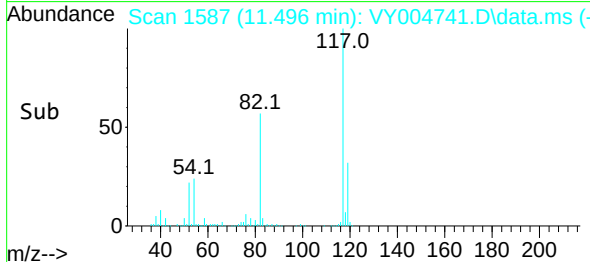
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



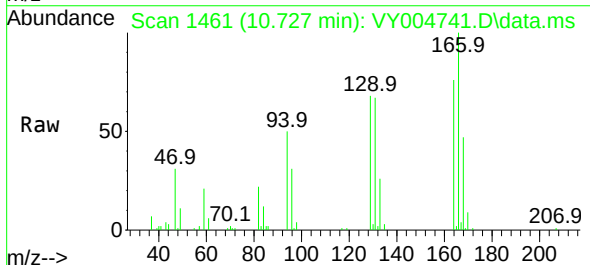
Tgt Ion:117 Resp: 276064
Ion Ratio Lower Upper
117 100
82 56.8 45.4 68.2
119 31.9 25.8 38.6

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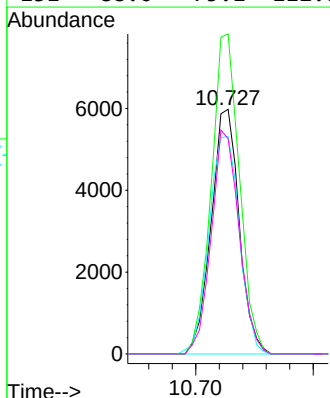
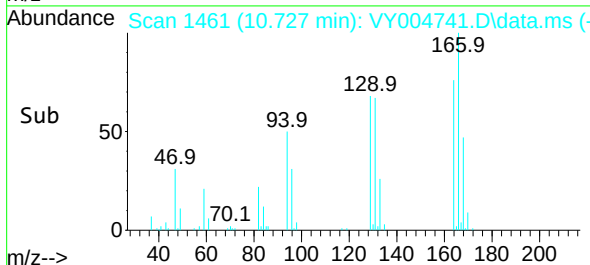
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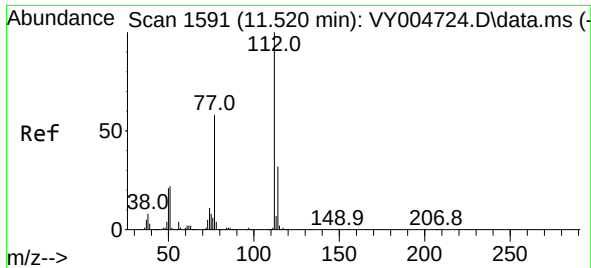


#64
Tetrachloroethene
Concen: 3.97 ug/l
RT: 10.727 min Scan# 1461
Delta R.T. 0.006 min
Lab File: VY004741.D
Acq: 11 May 2021 12:53



Tgt Ion:164 Resp: 9900
Ion Ratio Lower Upper
164 100
166 130.8 100.8 151.2
129 89.0 77.5 116.3
131 88.0 75.1 112.7





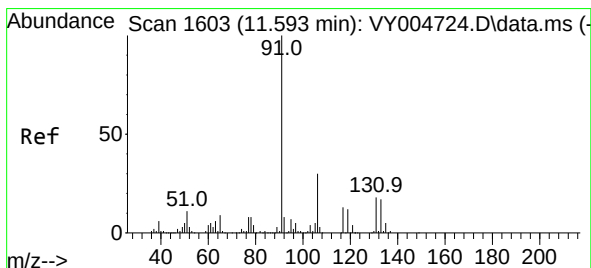
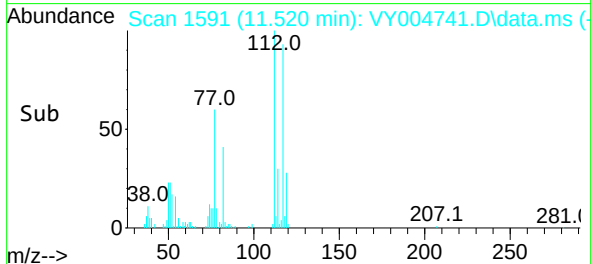
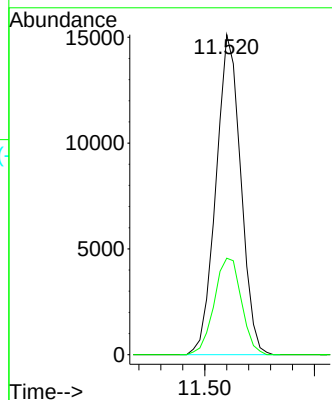
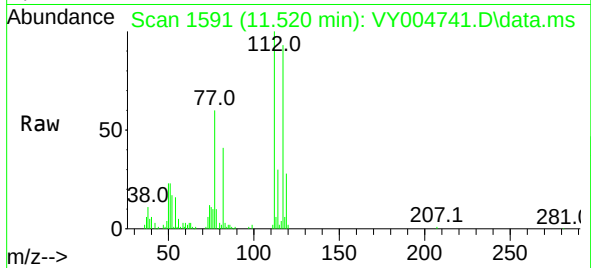
#65
Chlorobenzene
Concen: 4.18 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY004741.D
Acq: 11 May 2021 12:53

Tgt Ion:112 Resp: 23727
Ion Ratio Lower Upper
112 100
114 30.2 25.4 38.2

Instrument :
MSVOA_Y
ClientSampleId :
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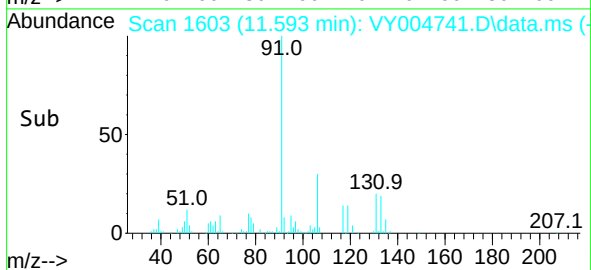
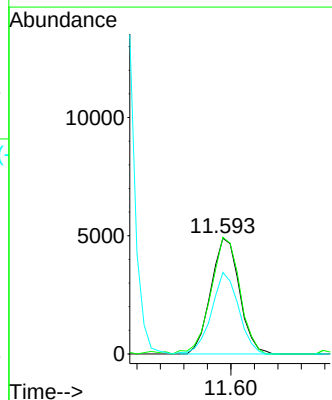
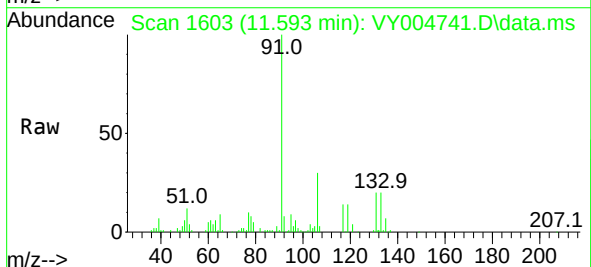
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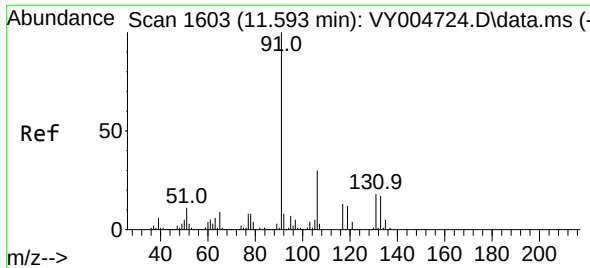
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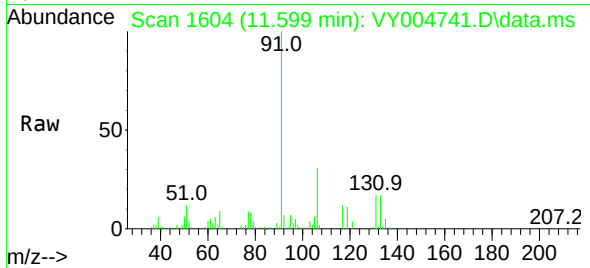
#66
1,1,1,2-Tetrachloroethane
Concen: 3.98 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY004741.D
Acq: 11 May 2021 12:53

Tgt Ion:131 Resp: 8227
Ion Ratio Lower Upper
131 100
133 102.0 47.9 143.7
119 67.1 32.8 98.4

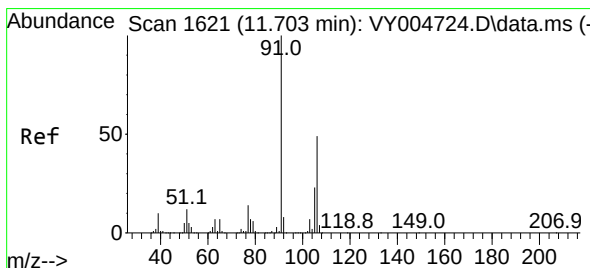
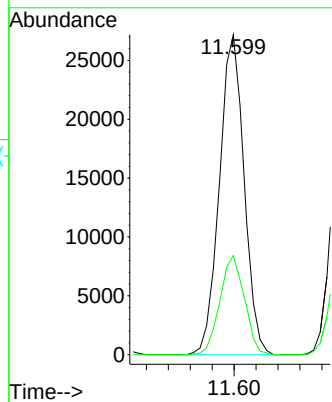
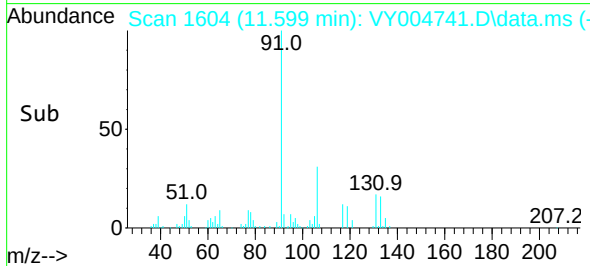




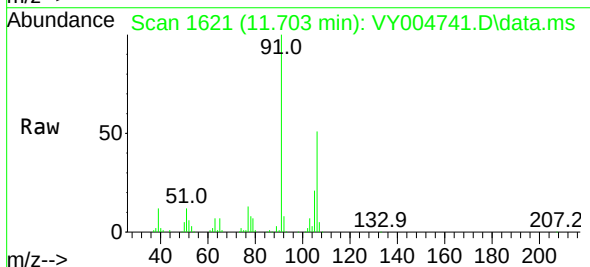
#67
Ethyl Benzene
Concen: 4.02 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.006 min
Lab File: VY004741.D
Acq: 11 May 2021 12:53



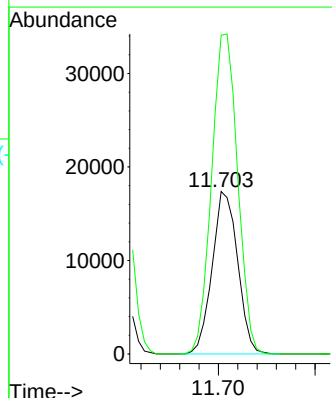
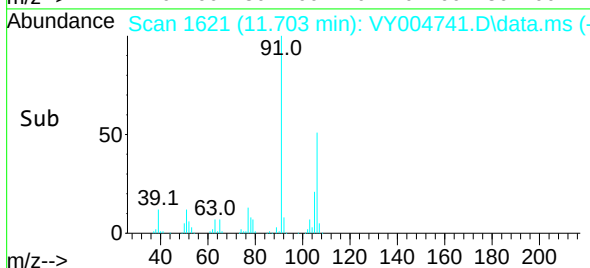
Tgt Ion: 91 Resp: 42385
Ion Ratio Lower Upper
91 100
106 30.9 24.0 36.0



#68
m/p-Xylenes
Concen: 8.01 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY004741.D
Acq: 11 May 2021 12:53



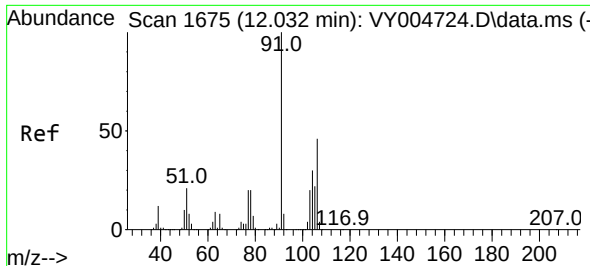
Tgt Ion: 106 Resp: 31775
Ion Ratio Lower Upper
106 100
91 201.1 163.6 245.4



Instrument :
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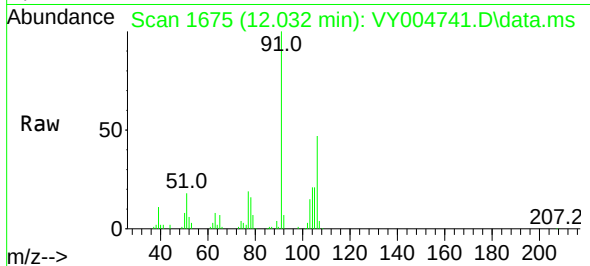
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#69
o-Xylene
Concen: 3.82 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY004741.D
Acq: 11 May 2021 12:53

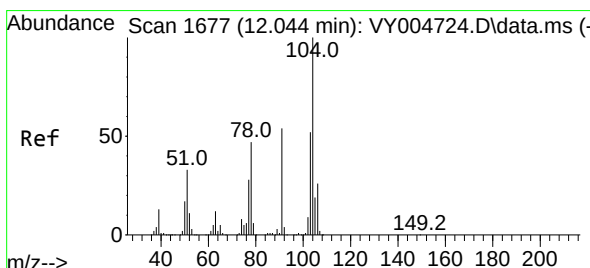
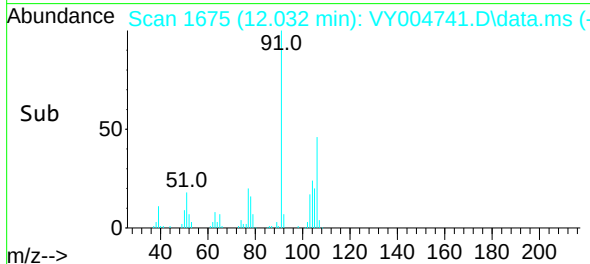
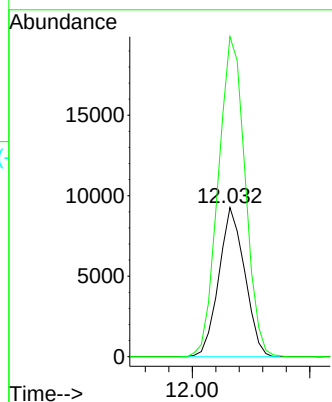
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



Tgt Ion:106 Resp: 14169
Ion Ratio Lower Upper
106 100
91 223.0 108.9 326.7

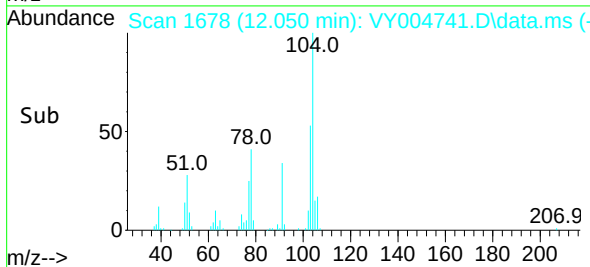
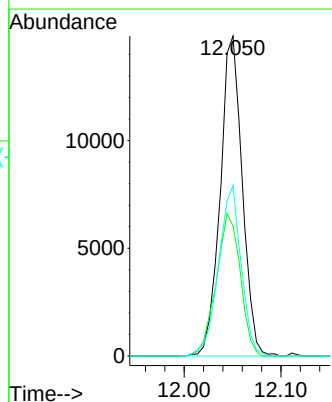
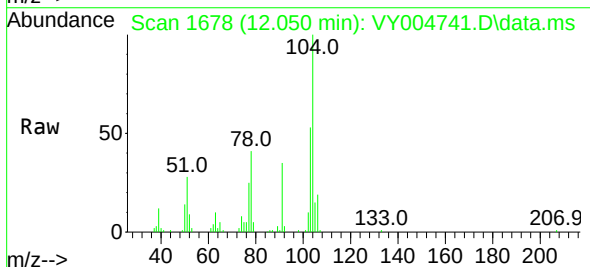
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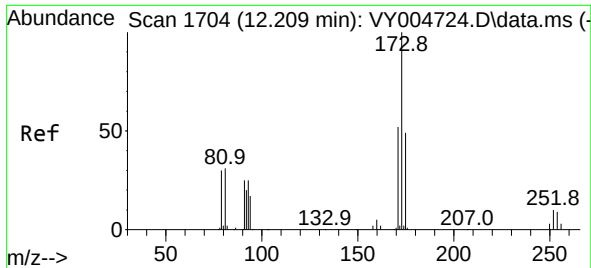
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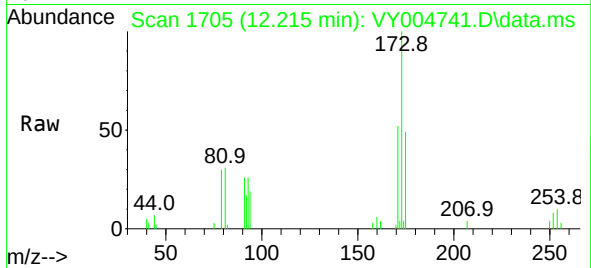
#70
Styrene
Concen: 3.77 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.006 min
Lab File: VY004741.D
Acq: 11 May 2021 12:53

Tgt Ion:104 Resp: 23452
Ion Ratio Lower Upper
104 100
78 48.6 40.3 60.5
103 54.7 44.2 66.4

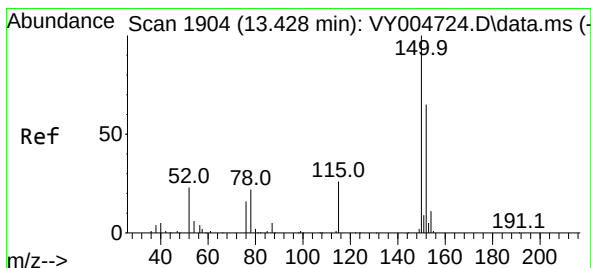
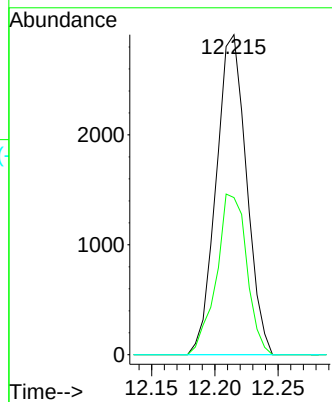
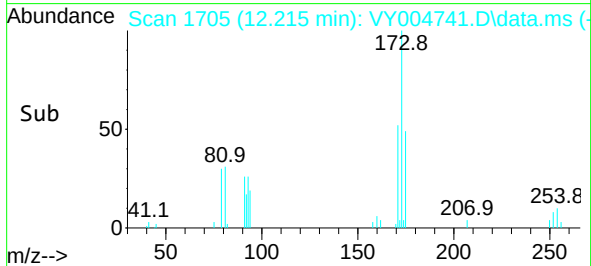




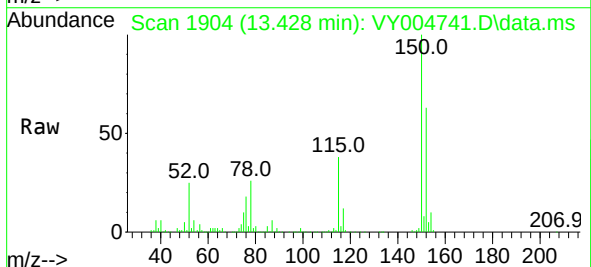
#71
Bromoform
Concen: 3.87 ug/l
RT: 12.215 min Scan# 1705
Delta R.T. 0.006 min
Lab File: VY004741.D
Acq: 11 May 2021 12:53



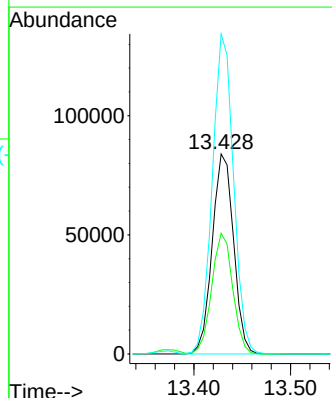
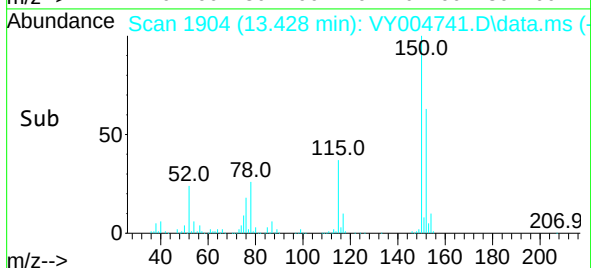
Tgt Ion:173 Resp: 4840
Ion Ratio Lower Upper
173 100
175 50.2 24.1 72.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004741.D
Acq: 11 May 2021 12:53



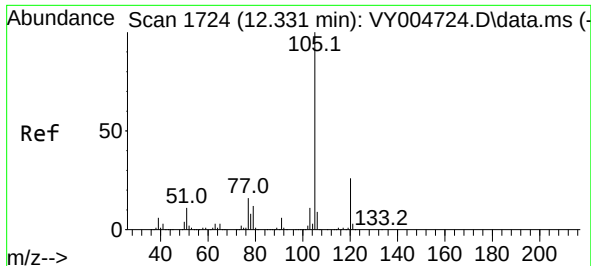
Tgt Ion:152 Resp: 128581
Ion Ratio Lower Upper
152 100
115 59.4 29.4 88.3
150 159.2 0.0 349.8



Instrument :
MSVOA_Y
ClientSampleId :
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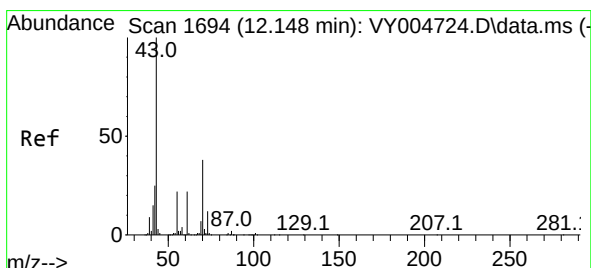
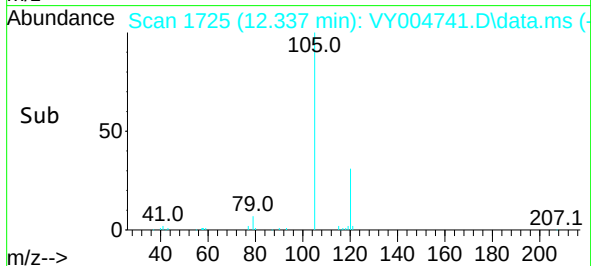
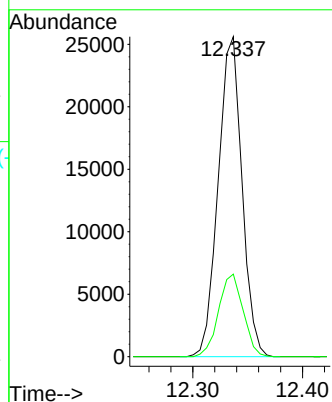
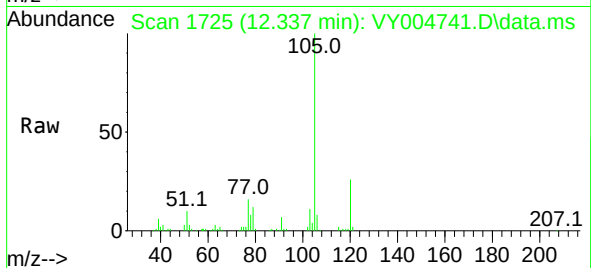
#73
Isopropylbenzene
Concen: 3.98 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. 0.006 min
Lab File: VY004741.D
Acq: 11 May 2021 12:53

Tgt Ion: 105 Resp: 38593
Ion Ratio Lower Upper
105 100
120 26.6 13.1 39.1

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

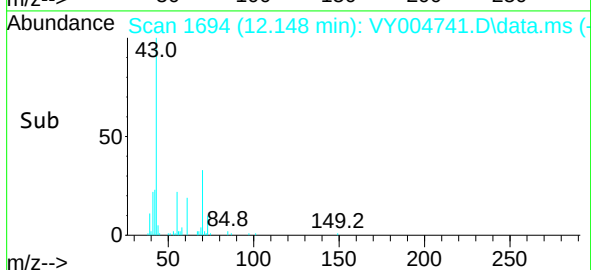
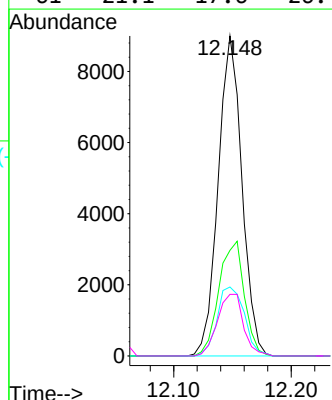
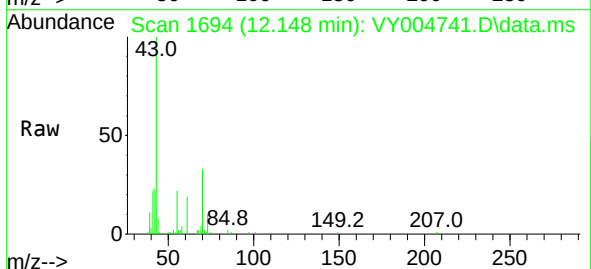
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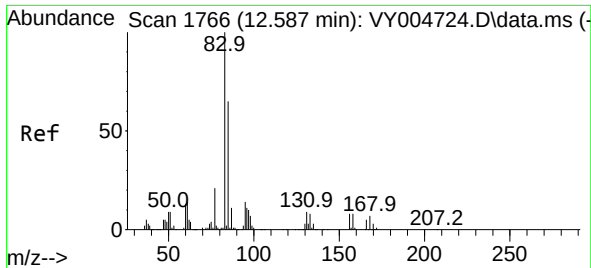
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#74
N-ethyl acetate
Concen: 3.69 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VY004741.D
Acq: 11 May 2021 12:53

Tgt Ion: 43 Resp: 12658
Ion Ratio Lower Upper
43 100
70 38.3 30.2 45.2
55 24.7 17.8 26.8
61 21.1 17.6 26.4





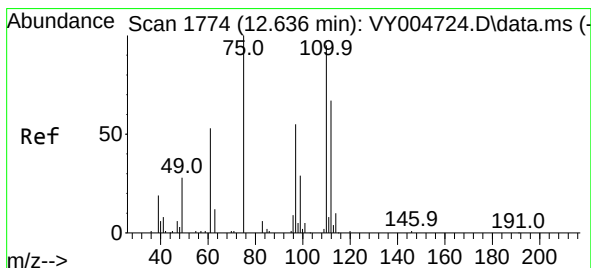
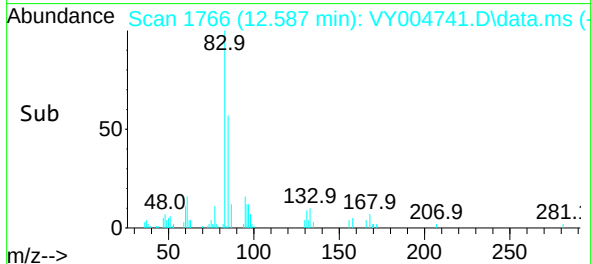
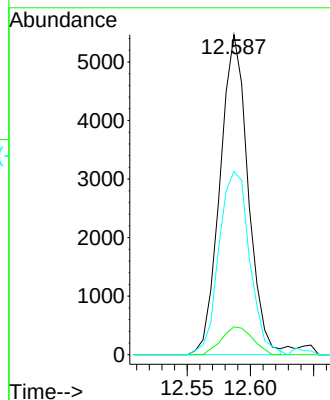
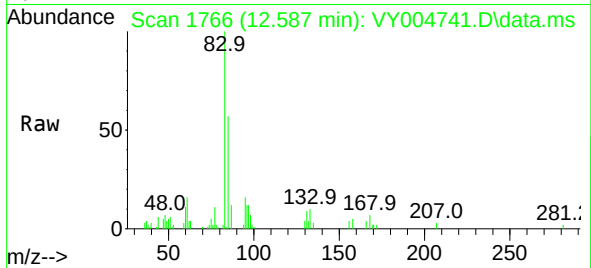
#75
1,1,2,2-Tetrachloroethane
Concen: 4.34 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. 0.000 min
Lab File: VY004741.D
Acq: 11 May 2021 12:53

Tgt Ion	Ratio	Lower	Upper
83	100		
131	9.6	5.0	14.9
85	62.7	32.1	96.5

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

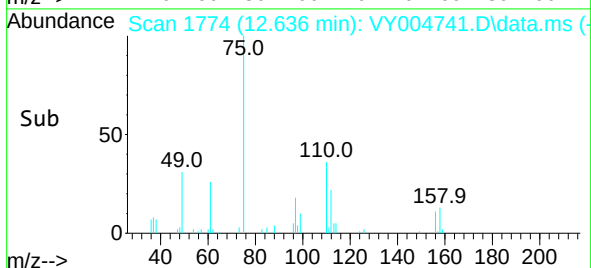
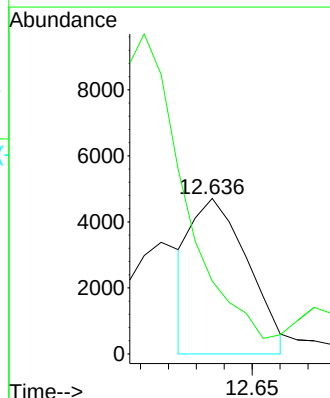
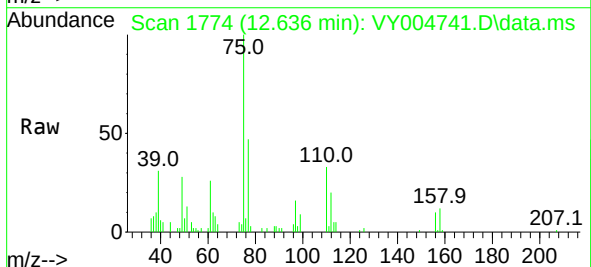
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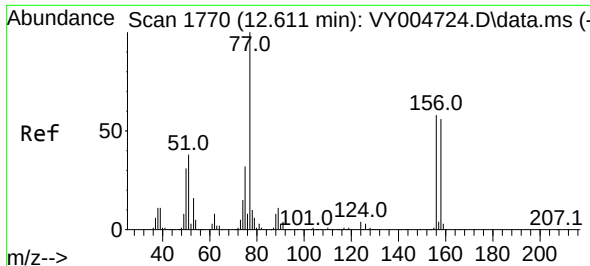
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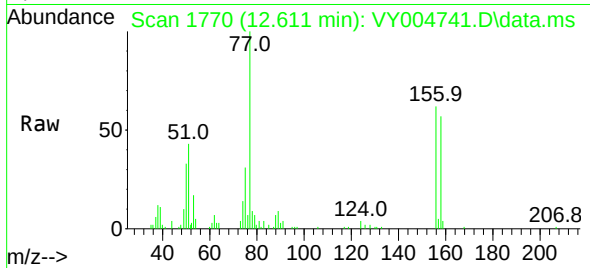
#76
1,2,3-Trichloropropane
Concen: 4.85 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY004741.D
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Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

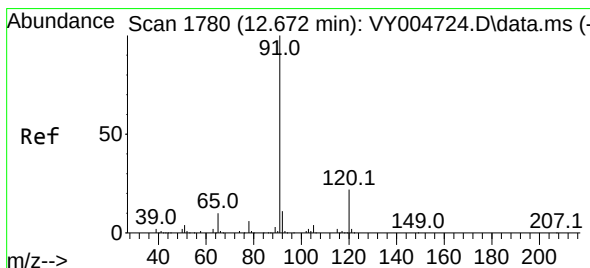
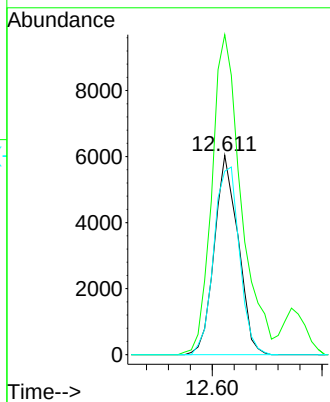
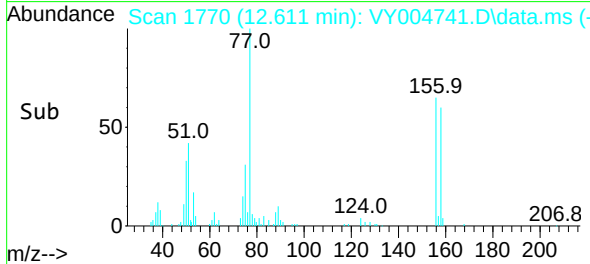




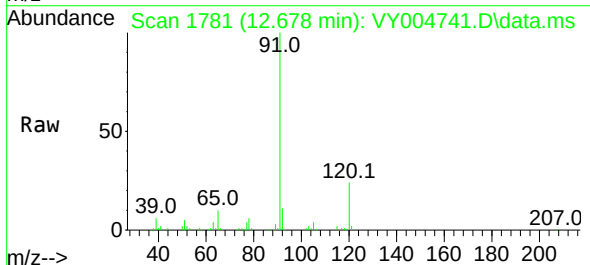
#77
Bromobenzene
Concen: 4.17 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY004741.D
Acq: 11 May 2021 12:53



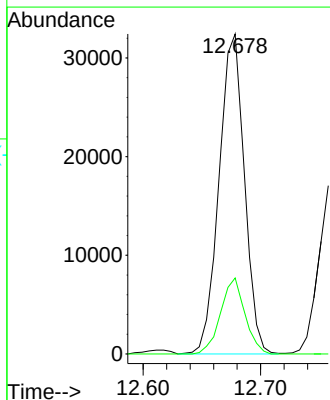
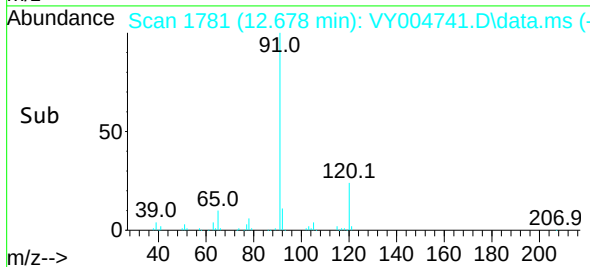
Tgt Ion: 156 Resp: 9140
Ion Ratio Lower Upper
156 100
77 196.1 100.6 301.9
158 101.1 48.8 146.3



#78
n-propylbenzene
Concen: 4.11 ug/l
RT: 12.678 min Scan# 1781
Delta R.T. 0.006 min
Lab File: VY004741.D
Acq: 11 May 2021 12:53



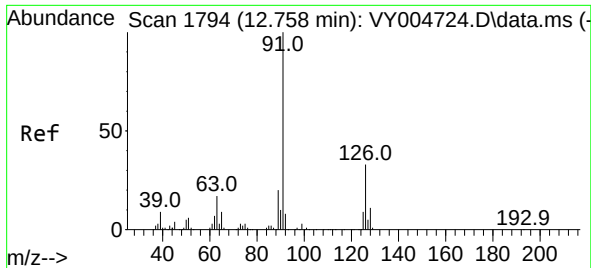
Tgt Ion: 91 Resp: 48682
Ion Ratio Lower Upper
91 100
120 22.7 11.1 33.3



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

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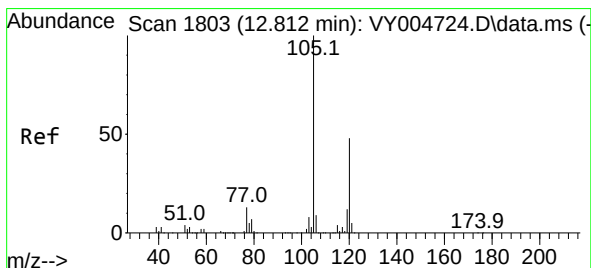
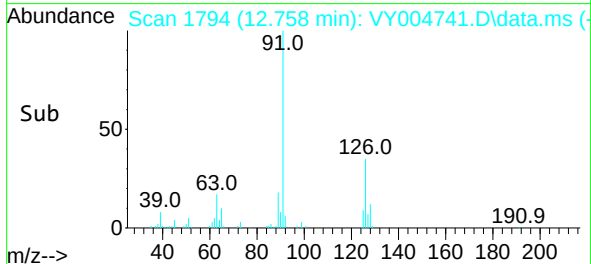
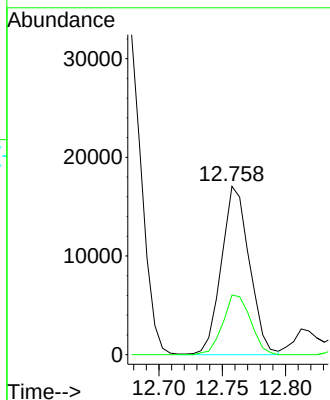
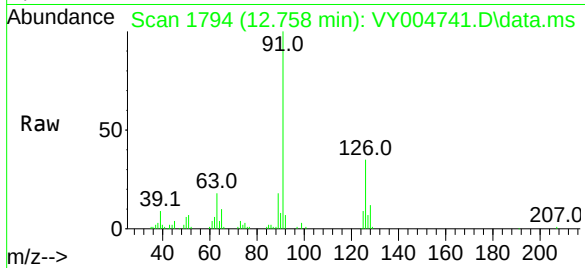
#79
2-Chlorotoluene
Concen: 4.06 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY004741.D
Acq: 11 May 2021 12:53

Tgt Ion: 91 Resp: 26348
Ion Ratio Lower Upper
91 100
126 35.0 16.8 50.3

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

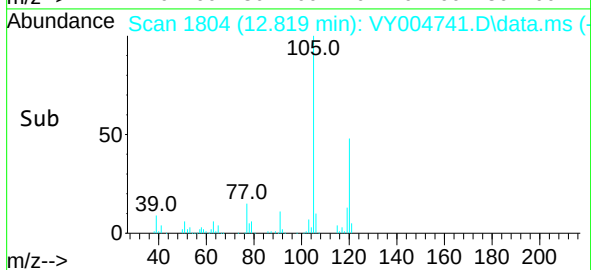
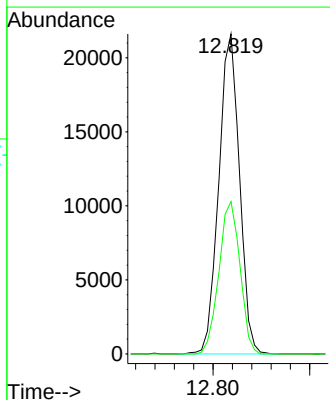
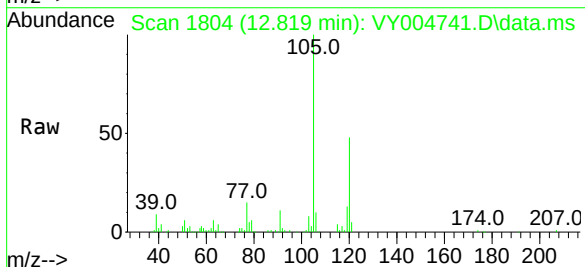
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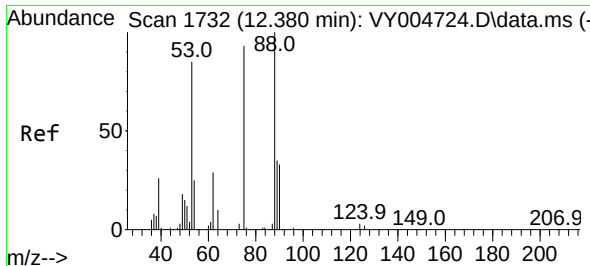
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#80
1,3,5-Trimethylbenzene
Concen: 3.98 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VY004741.D
Acq: 11 May 2021 12:53

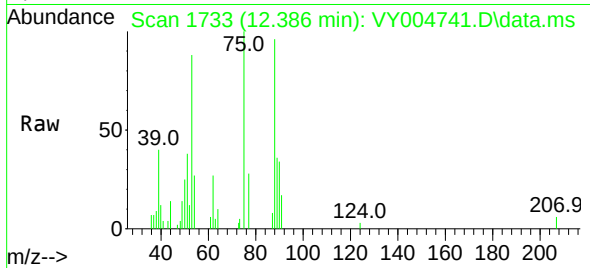
Tgt Ion: 105 Resp: 32036
Ion Ratio Lower Upper
105 100
120 48.5 24.0 72.0





#81
trans-1,4-Dichloro-2-butene
Concen: 4.27 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. 0.006 min
Lab File: VY004741.D
Acq: 11 May 2021 12:53

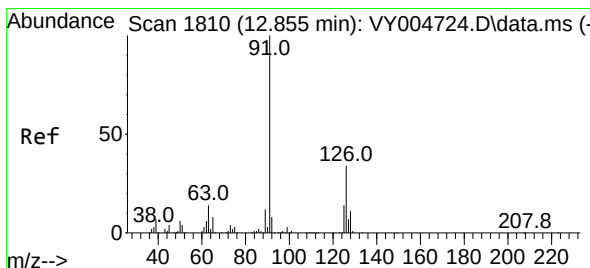
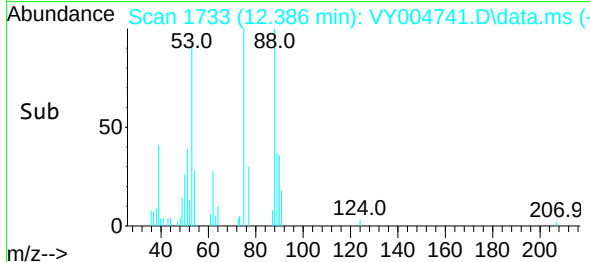
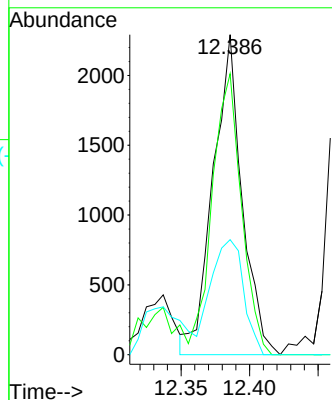
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



Tgt Ion	Ratio	Lower	Upper
75	100		
53	88.6	73.9	110.9
89	40.3	35.5	53.3

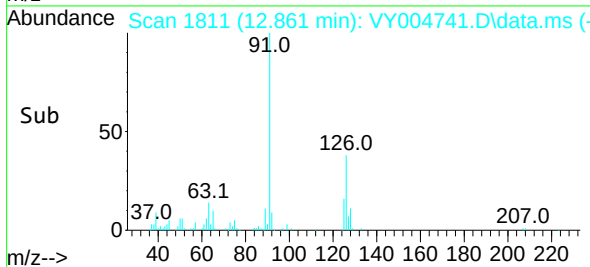
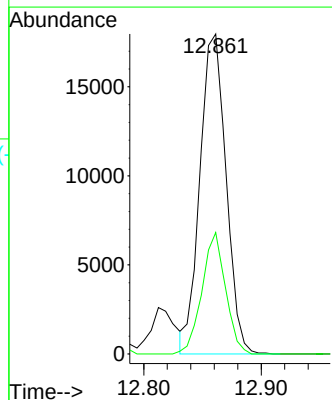
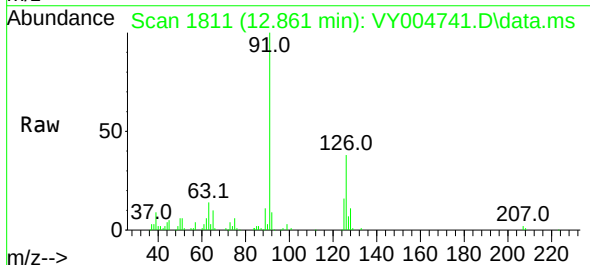
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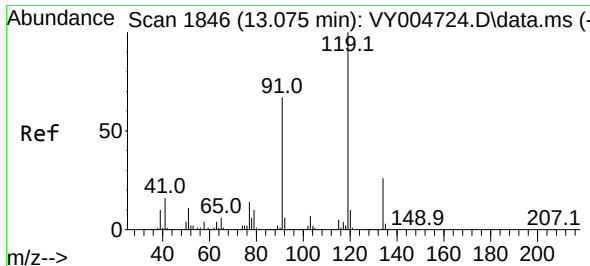
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#82
4-Chlorotoluene
Concen: 4.12 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VY004741.D
Acq: 11 May 2021 12:53

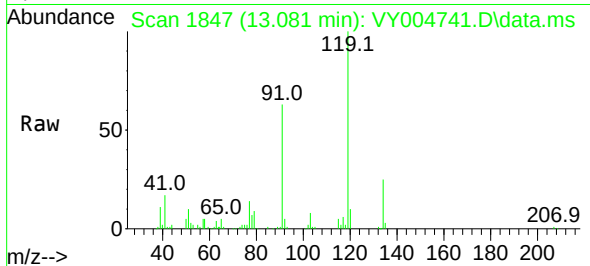
Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.2	16.8	50.3





#83
tert-Butylbenzene
Concen: 4.07 ug/l
RT: 13.081 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VY004741.D
Acq: 11 May 2021 12:53

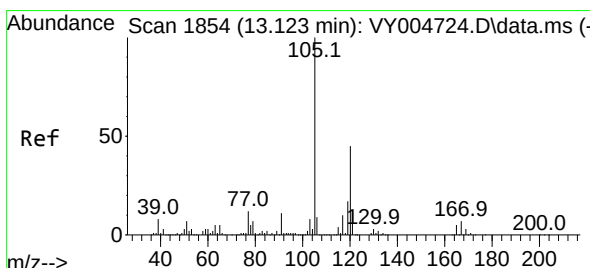
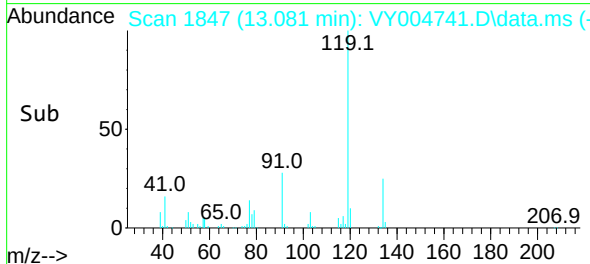
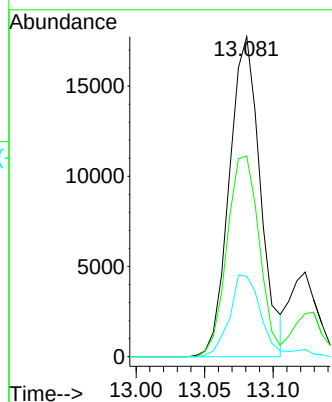
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



Tgt Ion:119 Resp: 27967
Ion Ratio Lower Upper
119 100
91 65.2 32.3 96.8
134 25.5 12.9 38.7

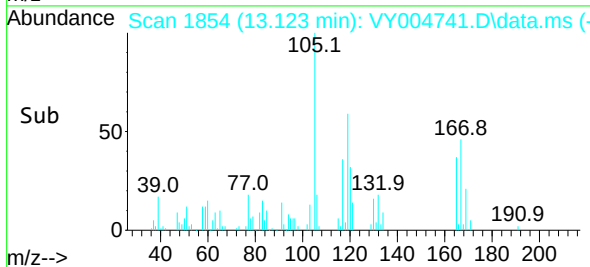
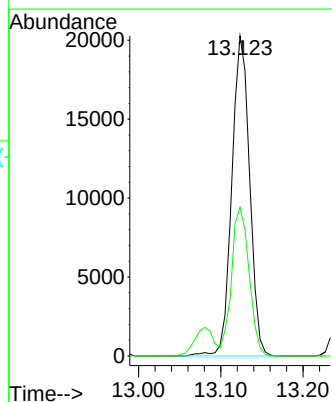
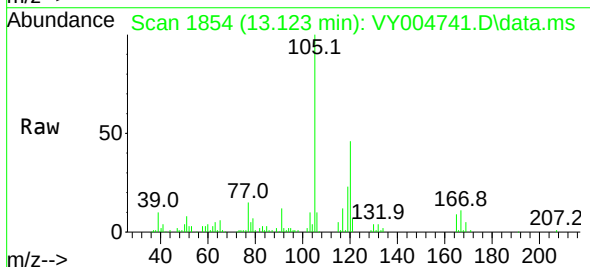
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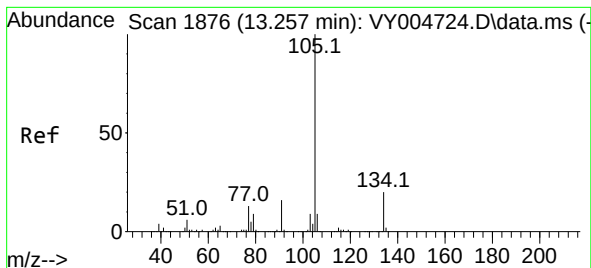
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#84
1,2,4-Trimethylbenzene
Concen: 3.78 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY004741.D
Acq: 11 May 2021 12:53

Tgt Ion:105 Resp: 30489
Ion Ratio Lower Upper
105 100
120 45.8 22.5 67.5





#85

sec-Butylbenzene

Concen: 3.99 ug/l

RT: 13.258 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VY004741.D

Acq: 11 May 2021 12:53

Tgt Ion:105 Resp: 39932

Ion Ratio Lower Upper

105 100

134 20.4 10.0 29.8

Instrument :

MSVOA_Y

ClientSampleId :

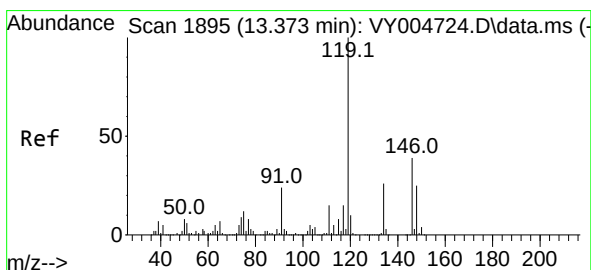
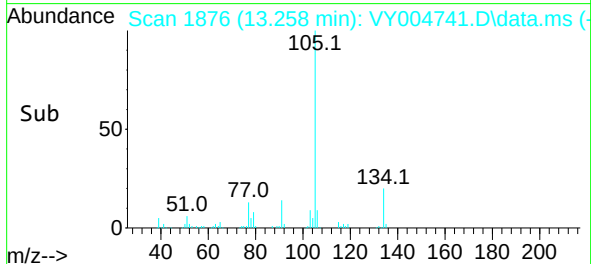
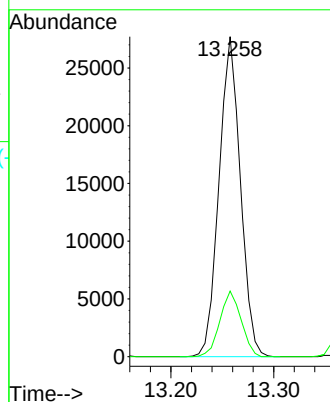
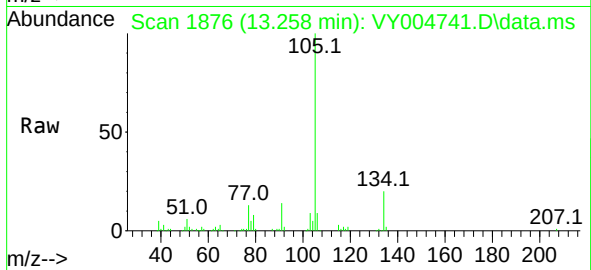
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#86

p-Isopropyltoluene

Concen: 3.92 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY004741.D

Acq: 11 May 2021 12:53

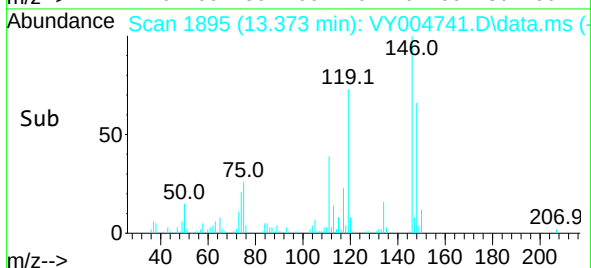
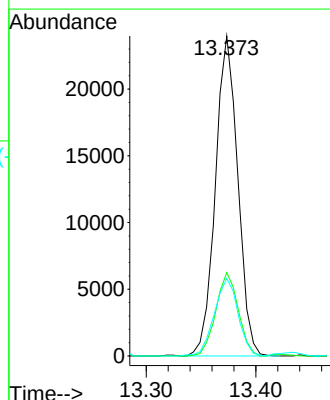
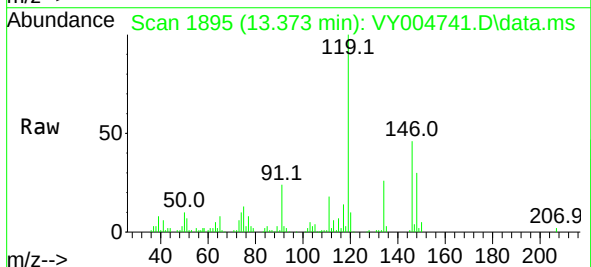
Tgt Ion:119 Resp: 34013

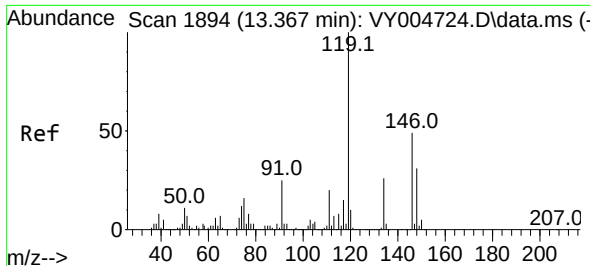
Ion Ratio Lower Upper

119 100

134 26.1 12.9 38.7

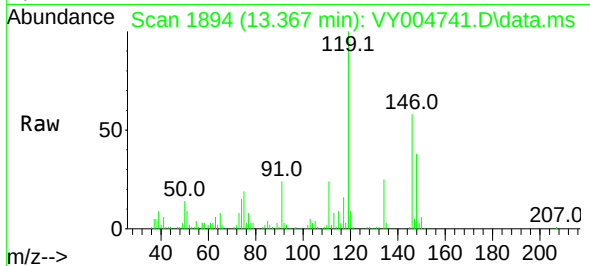
91 25.6 12.0 36.1





#87
1,3-Dichlorobenzene
Concen: 4.19 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY004741.D
Acq: 11 May 2021 12:53

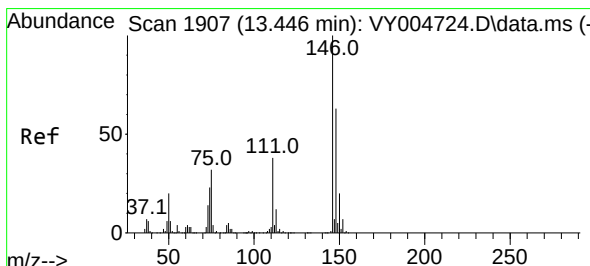
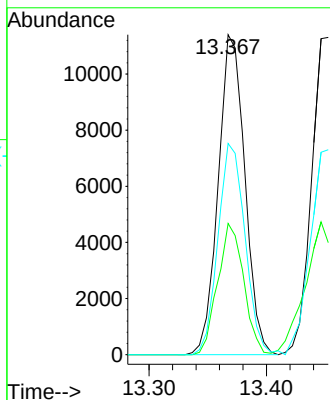
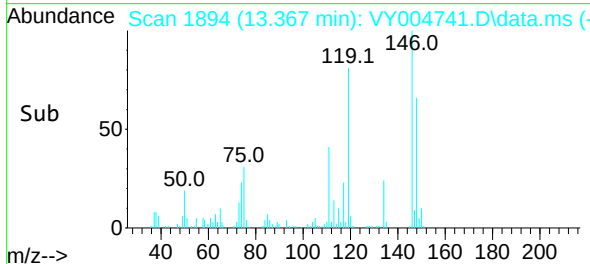
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



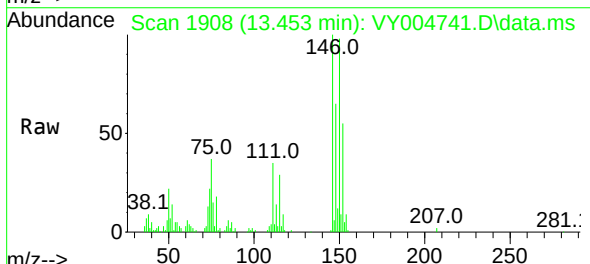
Tgt Ion:146 Resp: 17992
Ion Ratio Lower Upper
146 100
111 40.1 20.3 60.9
148 67.1 31.9 95.7

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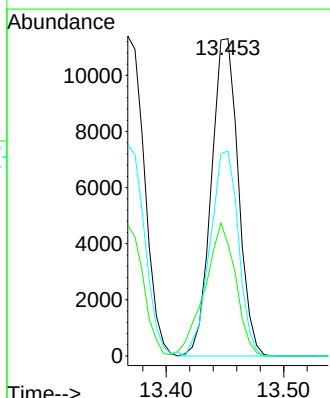
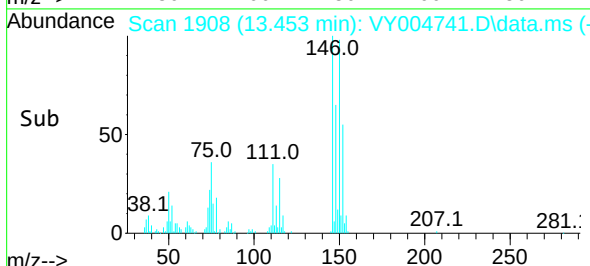
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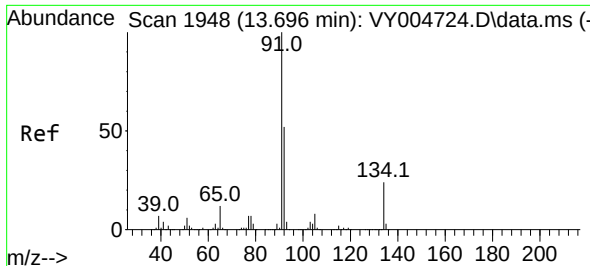


#88
1,4-Dichlorobenzene
Concen: 4.26 ug/l
RT: 13.453 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY004741.D
Acq: 11 May 2021 12:53



Tgt Ion:146 Resp: 18043
Ion Ratio Lower Upper
146 100
111 47.7 19.6 58.8
148 68.0 31.9 95.5





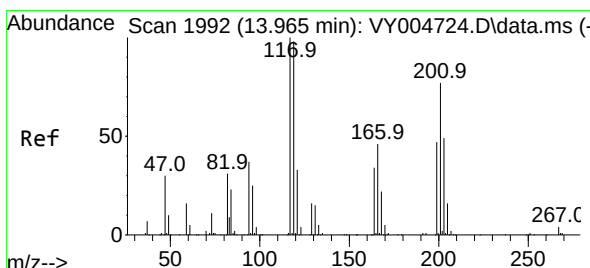
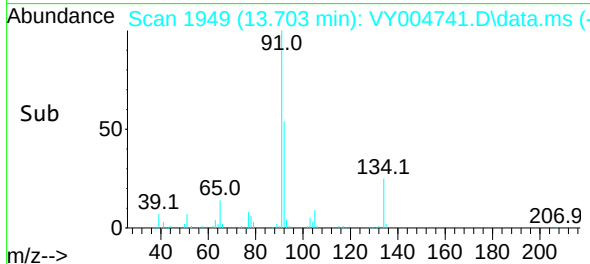
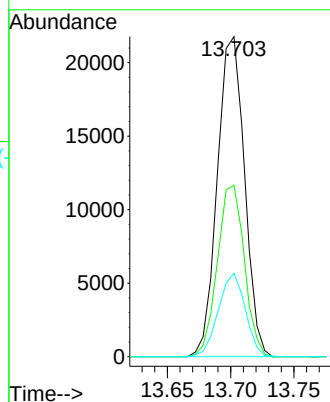
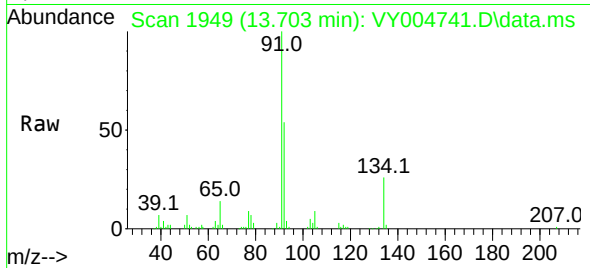
#89
n-Butylbenzene
Concen: 3.84 ug/l
RT: 13.703 min Scan# 1949
Delta R.T. 0.006 min
Lab File: VY004741.D
Acq: 11 May 2021 12:53

Tgt Ion:	91	Resp:	32507
Ion Ratio	Lower	Upper	
91	100		
92	53.1	26.4	79.0
134	25.8	12.6	37.6

Instrument :
MSVOA_Y
ClientSampleId :
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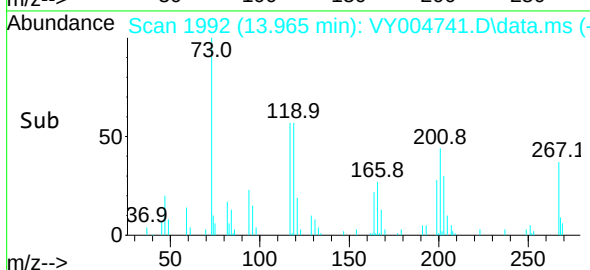
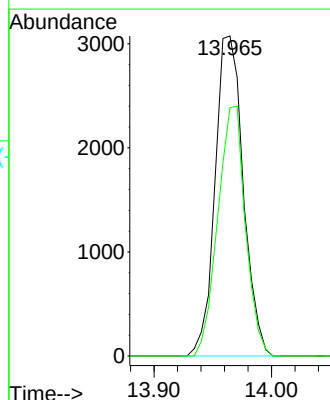
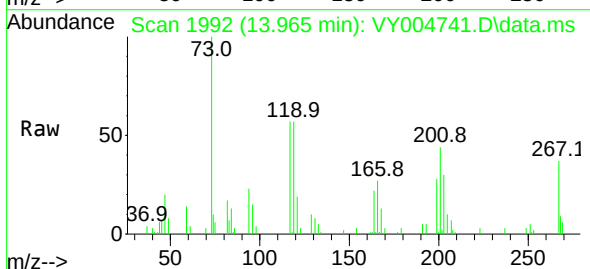
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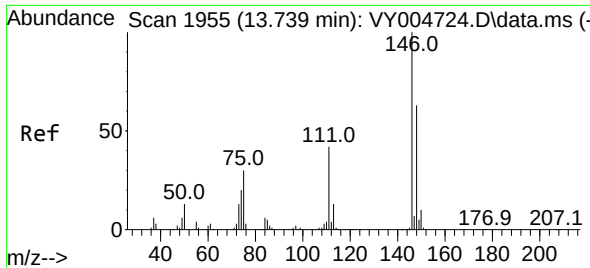
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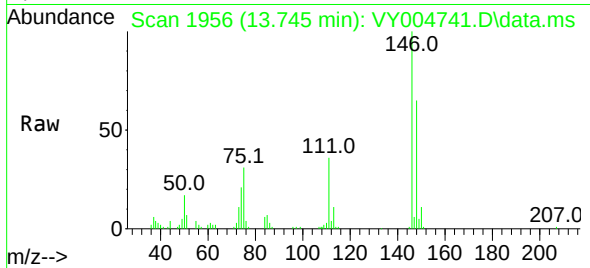
#90
Hexachloroethane
Concen: 4.20 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. 0.000 min
Lab File: VY004741.D
Acq: 11 May 2021 12:53

Tgt Ion:	117	Resp:	5121
Ion Ratio	Lower	Upper	
117	100		
201	76.4	35.9	107.8

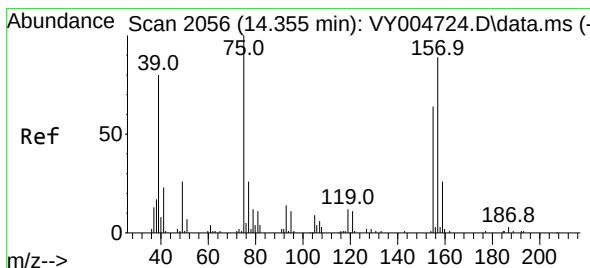
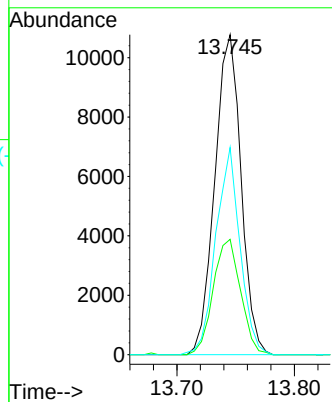
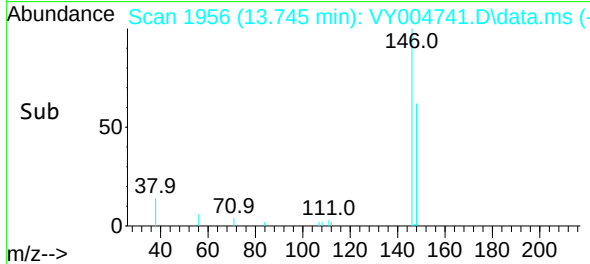




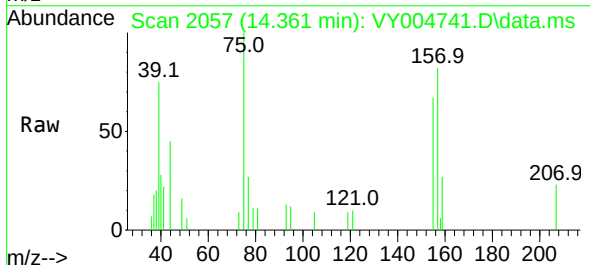
#91
1,2-Dichlorobenzene
Concen: 4.42 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. 0.006 min
Lab File: VY004741.D
Acq: 11 May 2021 12:53



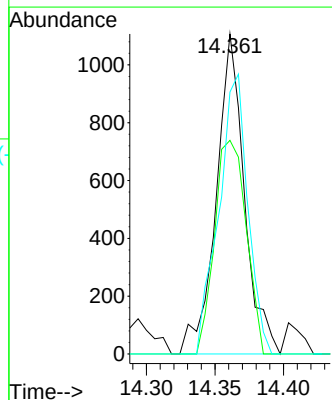
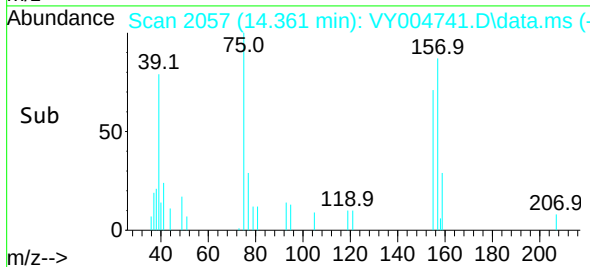
Tgt Ion: 146 Resp: 16760
Ion Ratio Lower Upper
146 100
111 37.5 20.9 62.7
148 59.7 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.38 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY004741.D
Acq: 11 May 2021 12:53



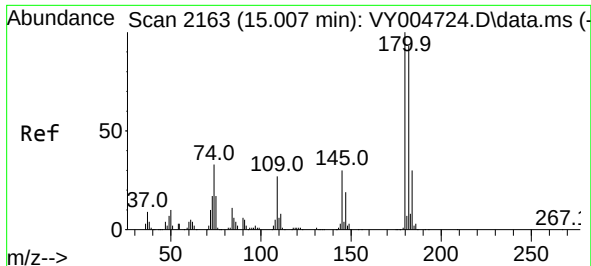
Tgt Ion: 75 Resp: 1584
Ion Ratio Lower Upper
75 100
155 74.7 39.0 117.0
157 90.2 50.2 150.7



Instrument :
MSVOA_Y
ClientSampleId :
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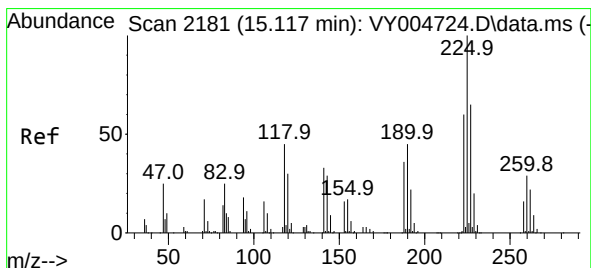
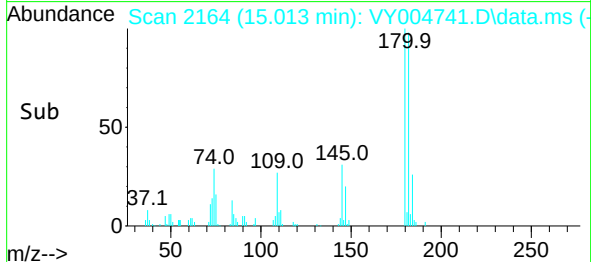
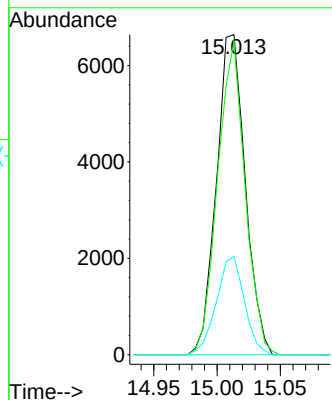
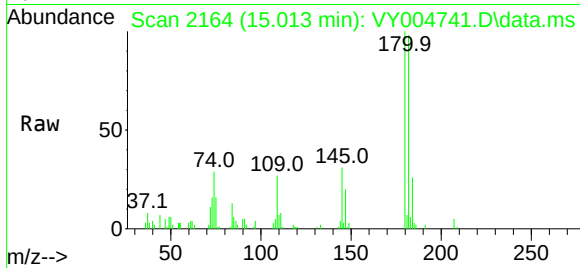
#93
1,2,4-Trichlorobenzene
Concen: 4.31 ug/l
RT: 15.013 min Scan# 2164
Delta R.T. 0.006 min
Lab File: VY004741.D
Acq: 11 May 2021 12:53

Tgt Ion:	180	Resp:	10511
Ion Ratio	Lower	Upper	
180	100		
182	93.3	46.9	140.8
145	29.8	15.4	46.4

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

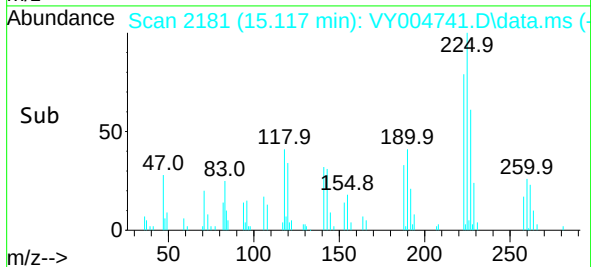
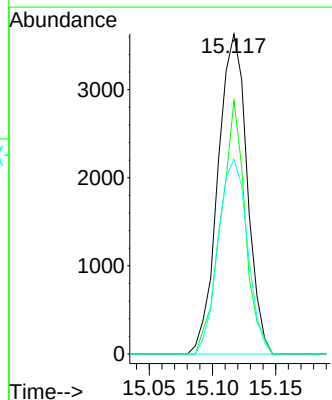
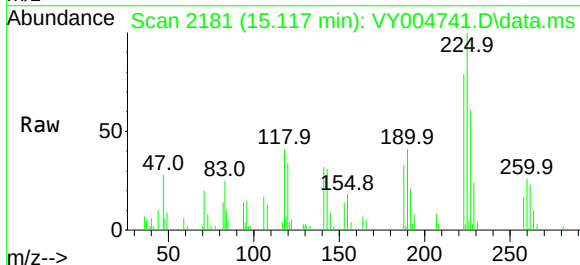
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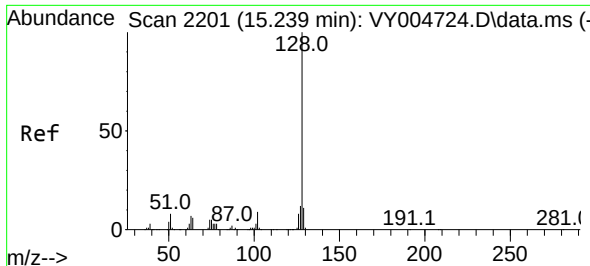
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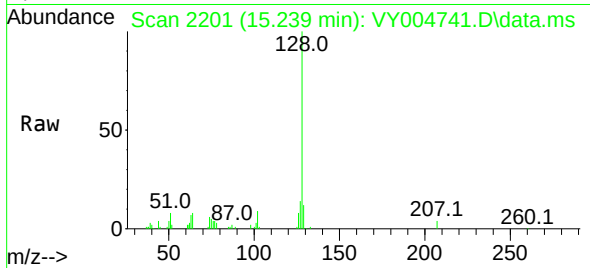
#94
Hexachlorobutadiene
Concen: 4.39 ug/l
RT: 15.117 min Scan# 2181
Delta R.T. 0.000 min
Lab File: VY004741.D
Acq: 11 May 2021 12:53

Tgt Ion:	225	Resp:	5811
Ion Ratio	Lower	Upper	
225	100		
223	66.4	31.1	93.3
227	61.2	31.3	93.9

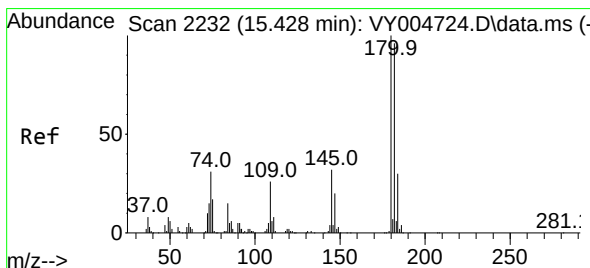
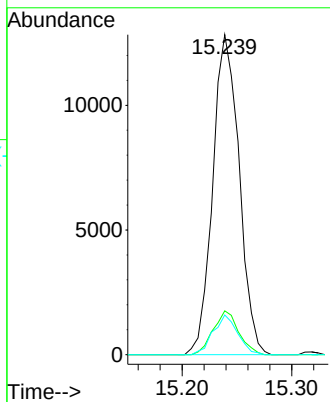
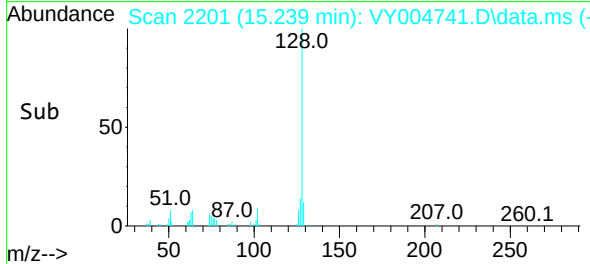




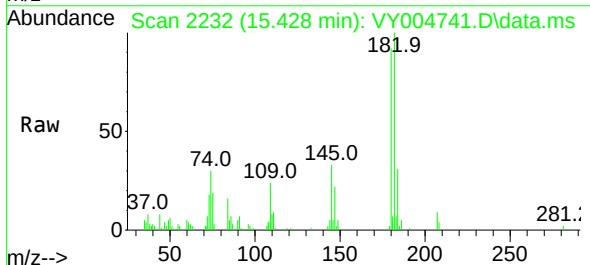
#95
Naphthalene
Concen: 4.07 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY004741.D
Acq: 11 May 2021 12:53



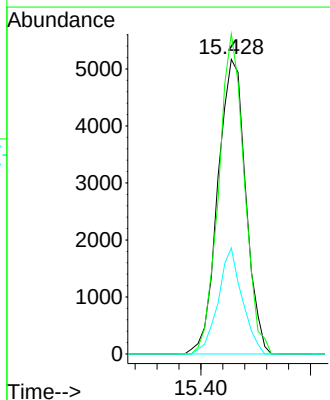
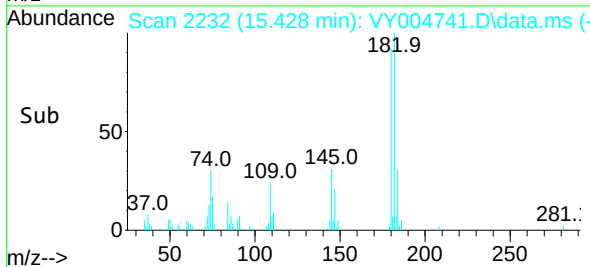
Tgt Ion:128 Resp: 21476
Ion Ratio Lower Upper
128 100
127 13.3 10.2 15.2
129 11.6 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 4.22 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.000 min
Lab File: VY004741.D
Acq: 11 May 2021 12:53



Tgt Ion:180 Resp: 9120
Ion Ratio Lower Upper
180 100
182 99.8 47.9 143.7
145 31.0 16.3 48.8



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

Manual Integrations
APPROVED

MMDadoda
5/12/2021 10:43:00 AM