

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031621\
 Data File : VY004091.D
 Acq On : 16 Mar 2021 12:30
 Operator : SY/MD
 Sample : M1458-02 5PPBLOQ
 Misc : 5.00g/5mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

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

Manual Integrations
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MMDadoda
 3/17/2021 11:46:24 AM

Quant Time: Mar 17 01:56:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 17 01:54:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	217856	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	347758	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	314684	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	160733	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	113881	52.97	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.94%			
35) Dibromofluoromethane	7.734	113	105131	53.61	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.22%			
50) Toluene-d8	10.185	98	397615	51.72	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.44%			
62) 4-Bromofluorobenzene	12.483	95	146562	51.62	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.24%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	9928	5.67	ug/l	99
3) Chloromethane	2.119	50	12726	5.40	ug/l	99
4) Vinyl Chloride	2.259	62	14260	5.42	ug/l	99
5) Bromomethane	2.656	94	10749	6.39	ug/l	97
6) Chloroethane	2.802	64	8559	5.34	ug/l	99
7) Trichlorofluoromethane	3.137	101	18851	5.39	ug/l	96
8) Diethyl Ether	3.546	74	6057	5.40	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.918	101	10121	5.17	ug/l	98
10) Methyl Iodide	4.107	142	9832	4.92	ug/l	95
11) Tert butyl alcohol	4.972	59	6983	35.92	ug/l #	92
12) 1,1-Dichloroethene	3.881	96	10057	5.25	ug/l	94
13) Acrolein	3.741	56	4568	23.69	ug/l	98
14) Allyl chloride	4.491	41	14539	4.59	ug/l #	85
15) Acrylonitrile	5.186	53	15519	27.84	ug/l	96
16) Acetone	3.960	43	13188	25.41	ug/l	99
17) Carbon Disulfide	4.204	76	29472	5.23	ug/l	100
18) Methyl Acetate	4.491	43	8276	6.46	ug/l	93
19) Methyl tert-butyl Ether	5.235	73	29524	5.41	ug/l	98
20) Methylene Chloride	4.729	84	18278	7.29	ug/l	93
21) trans-1,2-Dichloroethene	5.241	96	11323	5.26	ug/l	93
22) Diisopropyl ether	6.131	45	32201	4.82	ug/l	98
23) Vinyl Acetate	6.082	43	103653	23.55	ug/l #	94
24) 1,1-Dichloroethane	6.039	63	18362	4.95	ug/l	95
25) 2-Butanone	7.003	43	19198	25.66	ug/l #	89
26) 2,2-Dichloropropane	6.990	77	17090	4.82	ug/l	99
27) cis-1,2-Dichloroethene	7.003	96	12729	5.20	ug/l	90
28) Bromochloromethane	7.350	49	7712	4.76	ug/l #	80
29) Tetrahydrofuran	7.362	42	13224	27.21	ug/l	93
30) Chloroform	7.521	83	19743	5.13	ug/l	95
31) Cyclohexane	7.801	56	21747	5.77	ug/l #	79
32) 1,1,1-Trichloroethane	7.710	97	18274	5.12	ug/l	99
36) 1,1-Dichloropropene	7.929	75	16199	5.30	ug/l	98
37) Ethyl Acetate	7.094	43	8613	5.23	ug/l #	97
38) Carbon Tetrachloride	7.911	117	16546	5.10	ug/l	92
39) Methylcyclohexane	9.191	83	19963	5.06	ug/l	93
40) Benzene	8.173	78	44422	5.16	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	5944m	5.83	ug/l	
42) 1,2-Dichloroethane	8.246	62	14137	5.37	ug/l	97
43) Isopropyl Acetate	8.283	43	16987	5.14	ug/l	94
44) Trichloroethene	8.947	130	14067	5.64	ug/l	99
45) 1,2-Dichloropropane	9.222	63	10927	5.09	ug/l	96
46) Dibromomethane	9.313	93	6815	5.55	ug/l	95
47) Bromodichloromethane	9.502	83	15873	5.18	ug/l	97
48) Methyl methacrylate	9.301	41	7813	4.98	ug/l	88
49) 1,4-Dioxane	9.301	88	1643	105.06	ug/l	97
51) 4-Methyl-2-Pentanone	10.075	43	43570	26.05	ug/l	97
52) Toluene	10.246	92	29228	5.24	ug/l	96
53) t-1,3-Dichloropropene	10.471	75	15810	4.89	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	17501	4.83	ug/l #	92
55) 1,1,2-Trichloroethane	10.648	97	9288	5.38	ug/l	98
56) Ethyl methacrylate	10.514	69	12357	5.12	ug/l	93
57) 1,3-Dichloropropane	10.795	76	15607	5.28	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	31247	29.16	ug/l	93
59) 2-Hexanone	10.837	43	29192	24.84	ug/l	94
60) Dibromochloromethane	10.990	129	11314	5.22	ug/l	100
61) 1,2-Dibromoethane	11.093	107	9079	5.40	ug/l	99
64) Tetrachloroethene	10.721	164	16276	6.18	ug/l	96
65) Chlorobenzene	11.520	112	31506	5.22	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	11541	5.12	ug/l	97
67) Ethyl Benzene	11.599	91	55400	5.00	ug/l	96
68) m/p-Xylenes	11.703	106	43609	10.33	ug/l	93
69) o-Xylene	12.032	106	20156	5.05	ug/l	98
70) Styrene	12.050	104	33566	4.91	ug/l	98
71) Bromoform	12.215	173	6999	5.19	ug/l #	94
73) Isopropylbenzene	12.331	105	55070	4.93	ug/l	98
74) N-amyl acetate	12.148	43	15096	4.72	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	9420	4.85	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	9534m	6.19	ug/l	
77) Bromobenzene	12.611	156	14059	5.45	ug/l	96
78) n-propylbenzene	12.672	91	65527	4.98	ug/l	97
79) 2-Chlorotoluene	12.758	91	37090	5.02	ug/l	97
80) 1,3,5-Trimethylbenzene	12.819	105	46389	4.90	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.386	75	3709	4.75	ug/l	97
82) 4-Chlorotoluene	12.861	91	38644	4.94	ug/l	98
83) tert-Butylbenzene	13.081	119	40871	5.01	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	47539	5.01	ug/l	99
85) sec-Butylbenzene	13.257	105	56295	5.01	ug/l	98
86) p-Isopropyltoluene	13.373	119	51026	4.90	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	26201	5.26	ug/l	98
88) 1,4-Dichlorobenzene	13.453	146	26304	5.29	ug/l	93
89) n-Butylbenzene	13.696	91	48708	4.91	ug/l	99
90) Hexachloroethane	13.965	117	8887	4.75	ug/l	83
91) 1,2-Dichlorobenzene	13.745	146	23346	5.28	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.355	75	1965	5.36	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	16268	5.43	ug/l	98
94) Hexachlorobutadiene	15.111	225	8638	5.14	ug/l	96
95) Naphthalene	15.239	128	32584	5.49	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	13928	5.53	ug/l	98

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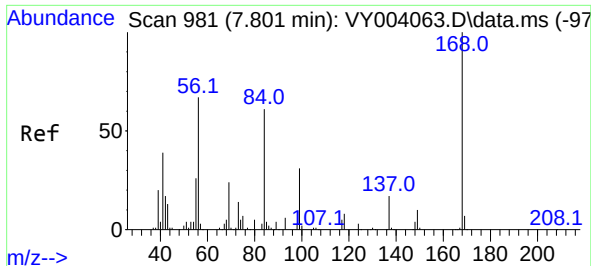
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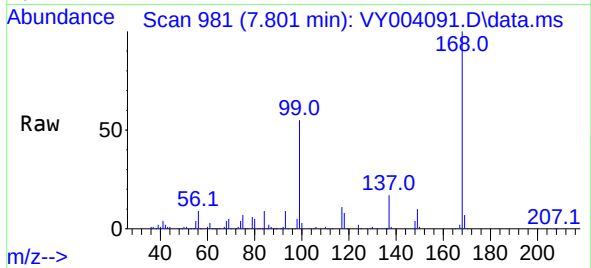
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Response via : Initial Calibration

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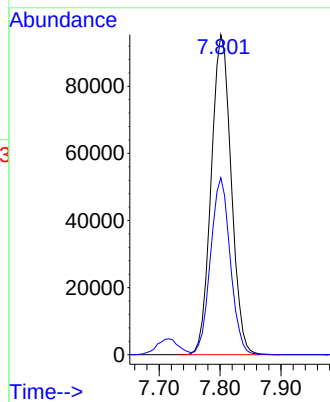
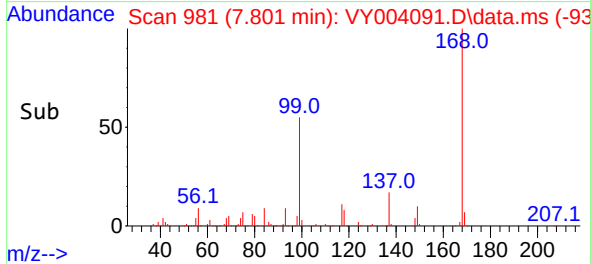
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
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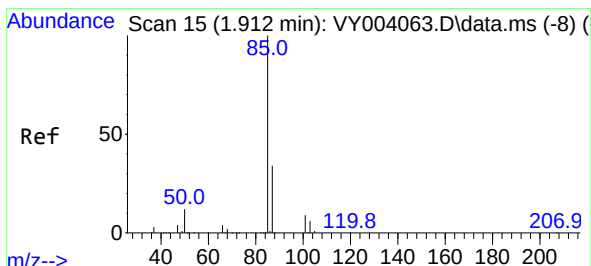
Tgt Ion:168 Resp: 217856
Ion Ratio Lower Upper
168 100
99 55.3 41.2 61.8



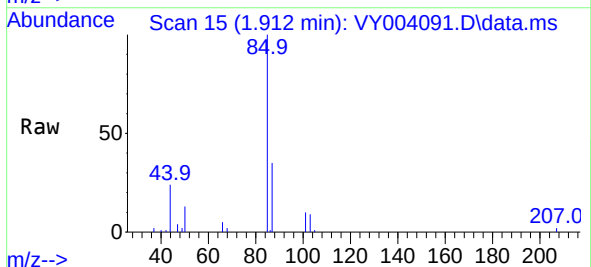
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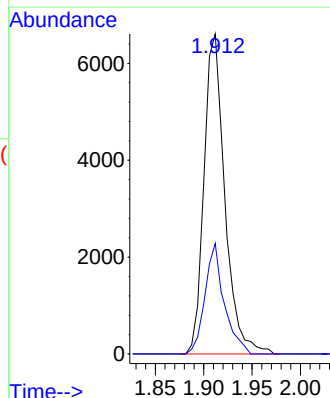
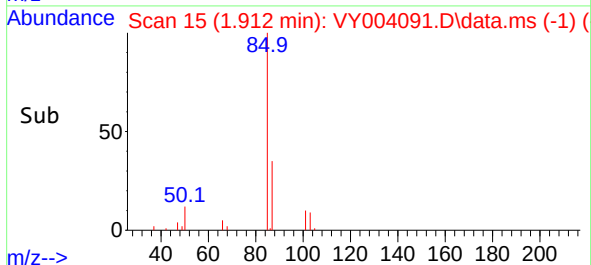
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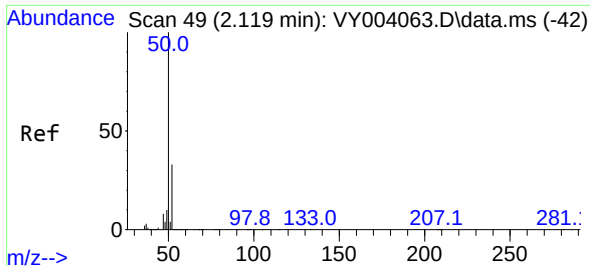


#2
Dichlorodifluoromethane
Concen: 5.67 ug/l
RT: 1.912 min Scan# 15
Delta R.T. -0.000 min
Lab File: VY004091.D
Acq: 16 Mar 2021 12:30



Tgt Ion: 85 Resp: 9928
Ion Ratio Lower Upper
85 100
87 34.5 17.0 51.0





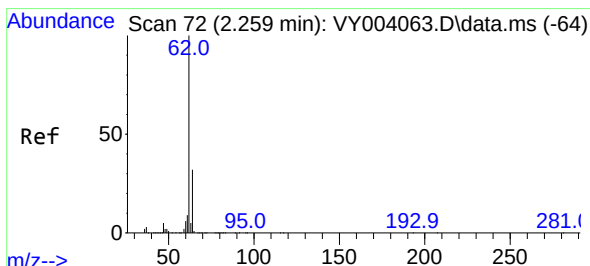
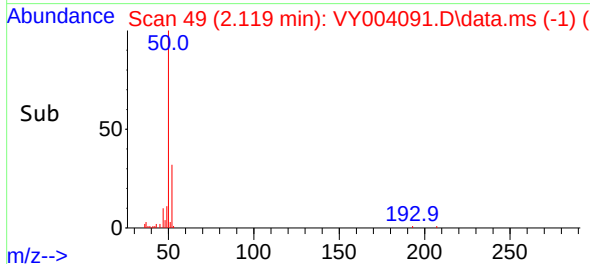
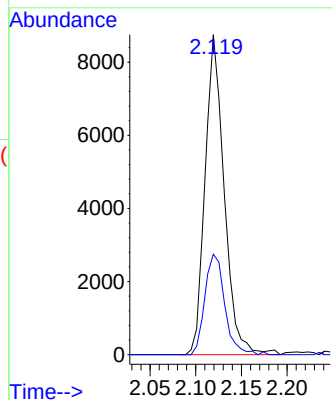
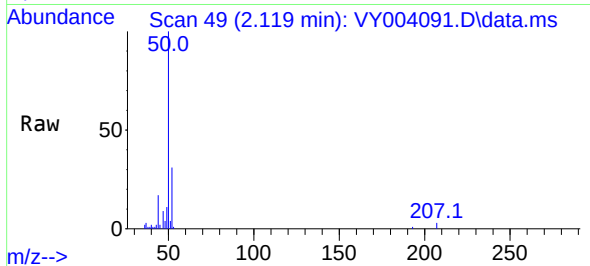
#3
Chloromethane
Concen: 5.40 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY004091.D
Acq: 16 Mar 2021 12:30

Tgt Ion: 50 Resp: 12726
Ion Ratio Lower Upper
50 100
52 31.4 25.4 38.2

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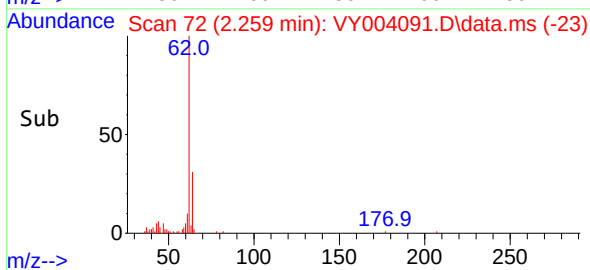
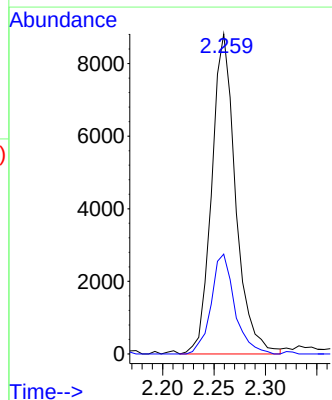
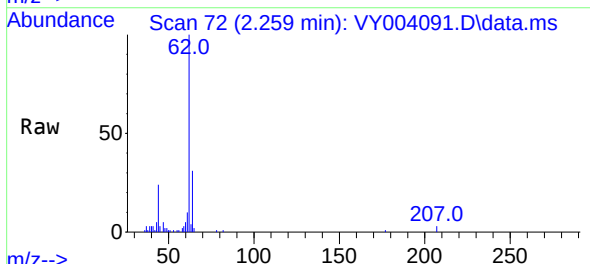
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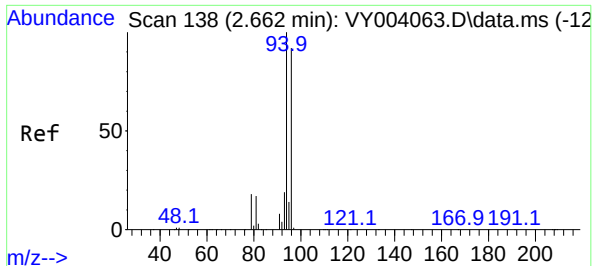
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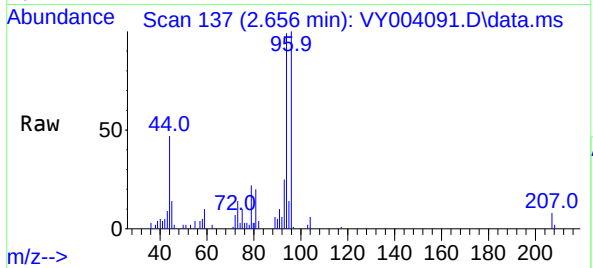
#4
Vinyl Chloride
Concen: 5.42 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.000 min
Lab File: VY004091.D
Acq: 16 Mar 2021 12:30

Tgt Ion: 62 Resp: 14260
Ion Ratio Lower Upper
62 100
64 31.2 25.3 37.9

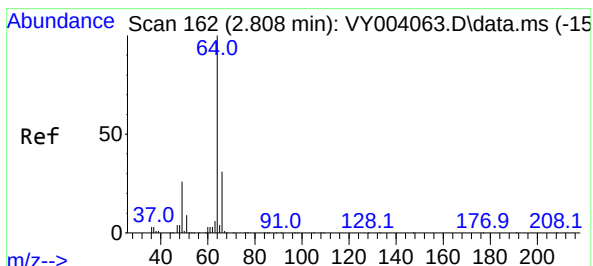
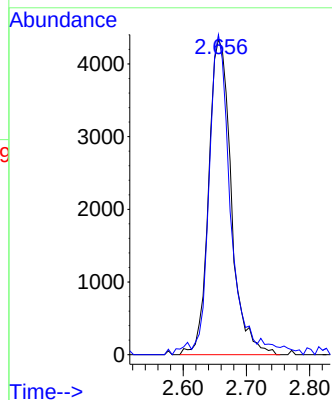
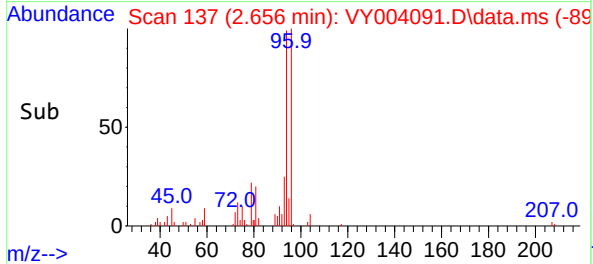




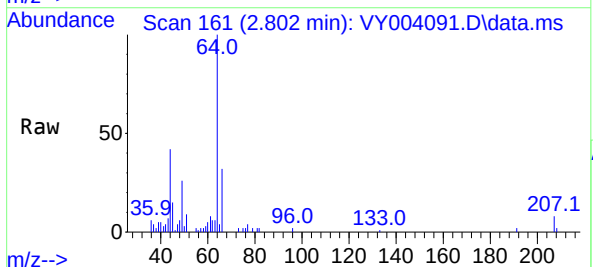
#5
Bromomethane
Concen: 6.39 ug/l
RT: 2.656 min Scan# 137
Delta R.T. -0.006 min
Lab File: VY004091.D
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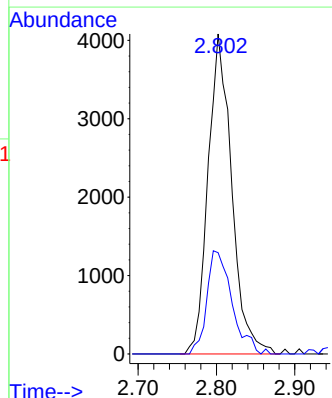
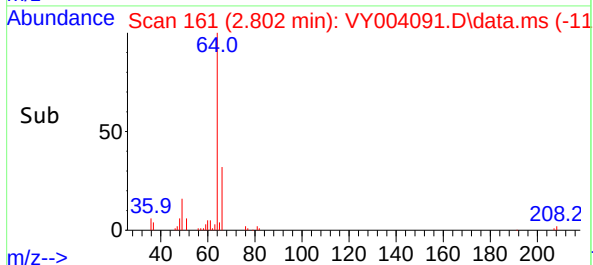
Tgt Ion: 94 Resp: 10749
Ion Ratio Lower Upper
94 100
96 99.7 77.4 116.2



#6
Chloroethane
Concen: 5.34 ug/l
RT: 2.802 min Scan# 161
Delta R.T. -0.006 min
Lab File: VY004091.D
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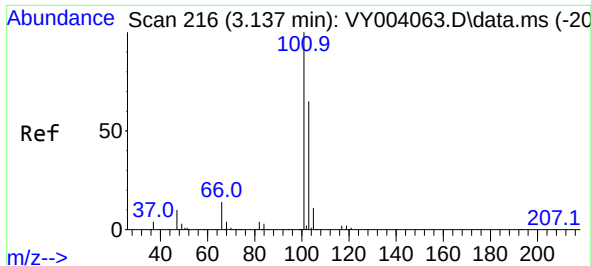
Tgt Ion: 64 Resp: 8559
Ion Ratio Lower Upper
64 100
66 31.7 25.0 37.6



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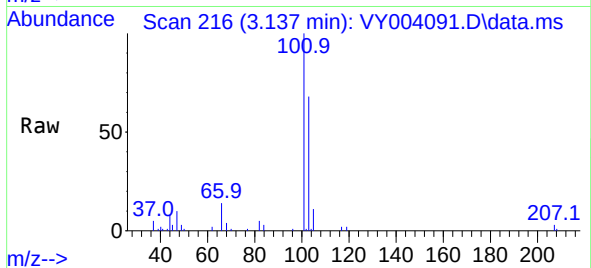
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#7
 Trichlorofluoromethane
 Concen: 5.39 ug/l
 RT: 3.137 min Scan# 216
 Delta R.T. 0.000 min
 Lab File: VY004091.D
 Acq: 16 Mar 2021 12:30

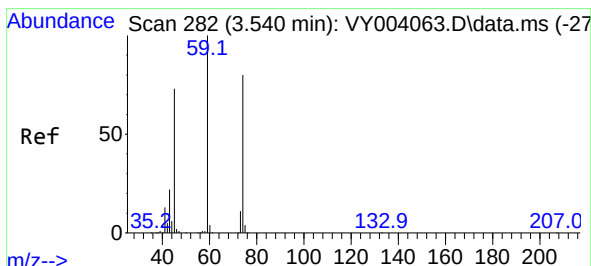
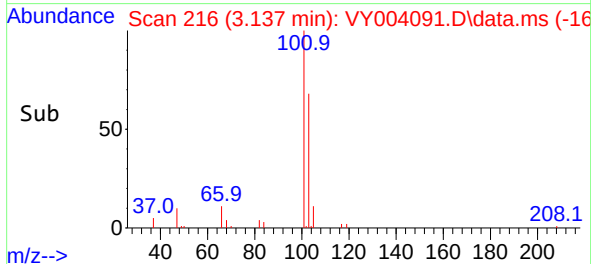
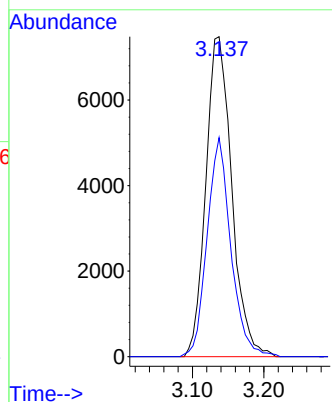
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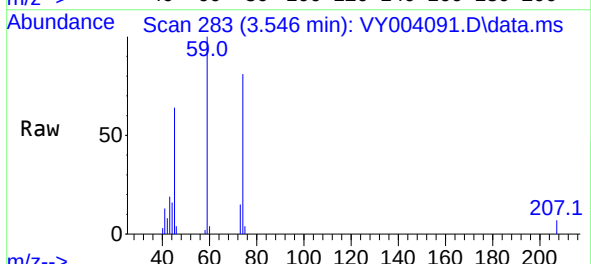
Tgt Ion:101 Resp: 18851
 Ion Ratio Lower Upper
 101 100
 103 68.5 52.2 78.2

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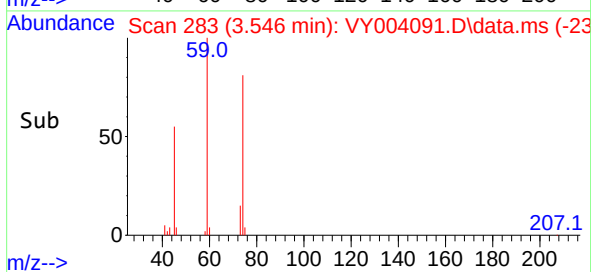
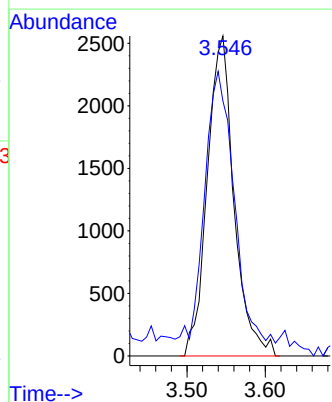
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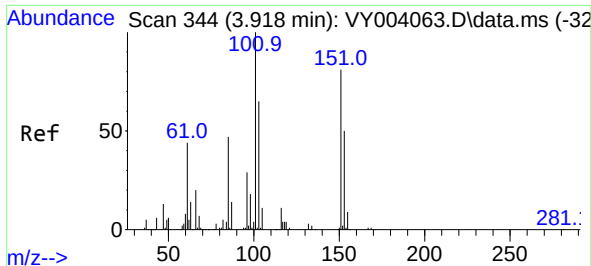


#8
 Diethyl Ether
 Concen: 5.40 ug/l
 RT: 3.546 min Scan# 283
 Delta R.T. 0.006 min
 Lab File: VY004091.D
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Tgt Ion: 74 Resp: 6057
 Ion Ratio Lower Upper
 74 100
 45 92.0 52.6 157.8





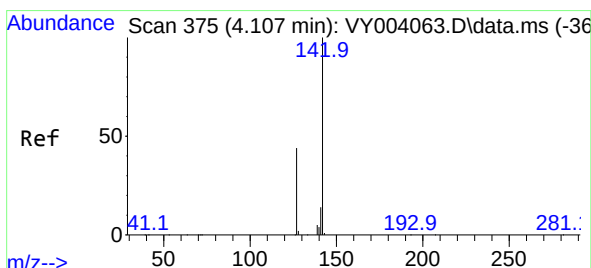
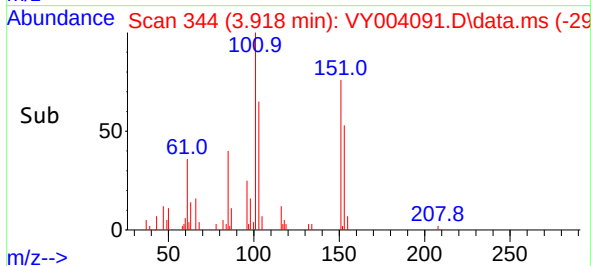
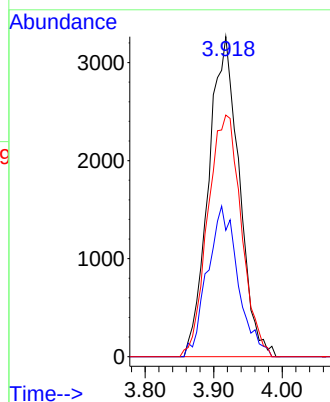
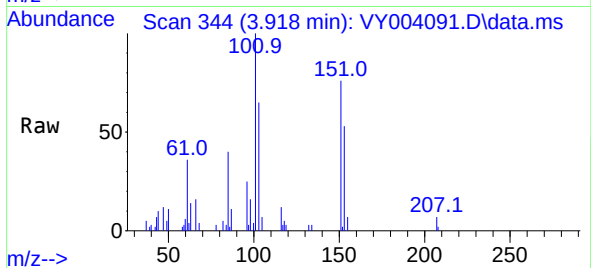
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1,1,2-Trichlorotrifluoroethane
Concen: 5.17 ug/l
RT: 3.918 min Scan# 344
Delta R.T. -0.000 min
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Tgt Ion:101 Resp: 10121
Ion Ratio Lower Upper
101 100
85 47.1 36.1 54.1
151 82.7 66.9 100.3

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ClientSampleId :
LOQ-SOIL-02-QT1-2021

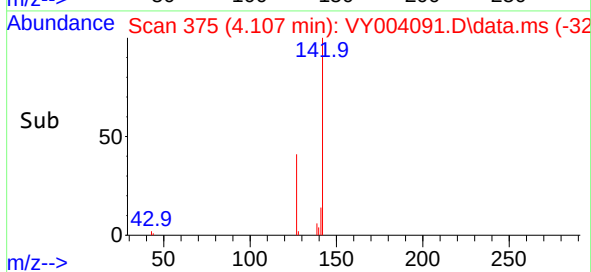
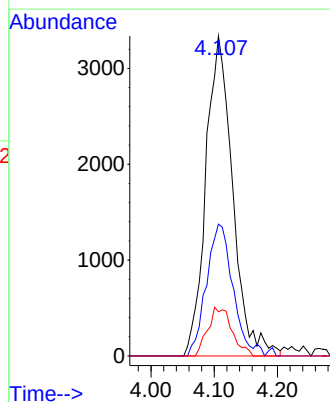
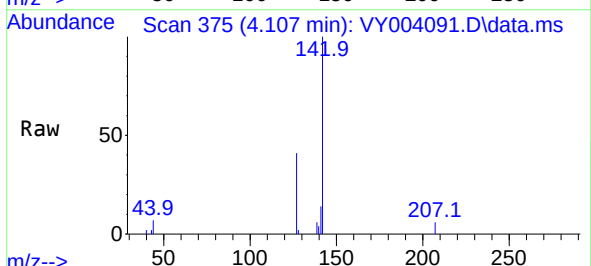
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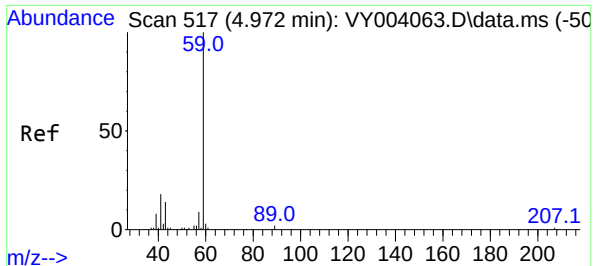
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#10
Methyl Iodide
Concen: 4.92 ug/l
RT: 4.107 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY004091.D
Acq: 16 Mar 2021 12:30

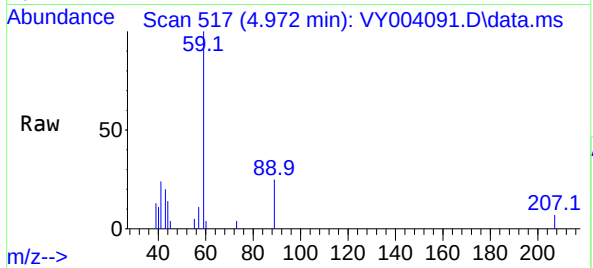
Tgt Ion:142 Resp: 9832
Ion Ratio Lower Upper
142 100
127 40.7 35.4 53.0
141 13.6 11.5 17.3



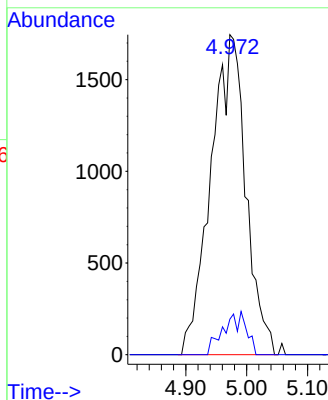
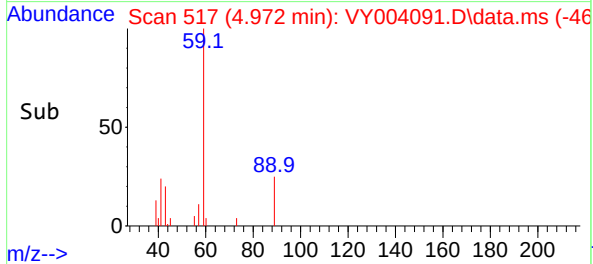


#11

Tert butyl alcohol
Concen: 35.92 ug/l
RT: 4.972 min Scan# 517
Delta R.T. 0.000 min
Lab File: VY004091.D
Acq: 16 Mar 2021 12:30



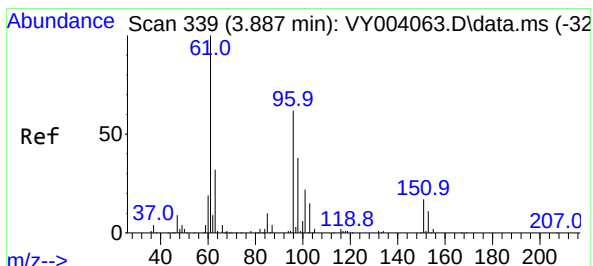
Tgt Ion: 59 Resp: 6983
Ion Ratio Lower Upper
59 100
57 5.6 6.9 10.3#



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

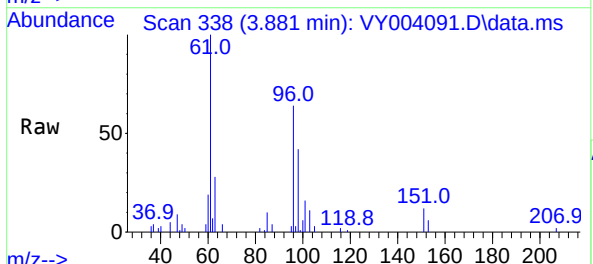
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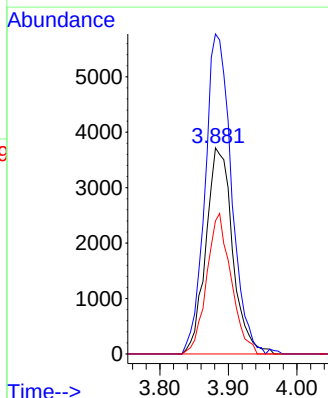
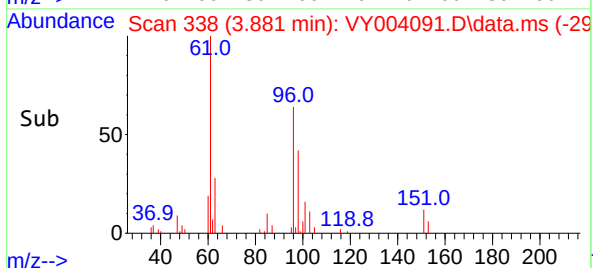


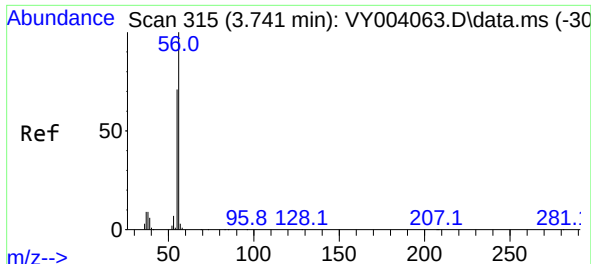
#12

1,1-Dichloroethene
Concen: 5.25 ug/l
RT: 3.881 min Scan# 338
Delta R.T. -0.006 min
Lab File: VY004091.D
Acq: 16 Mar 2021 12:30

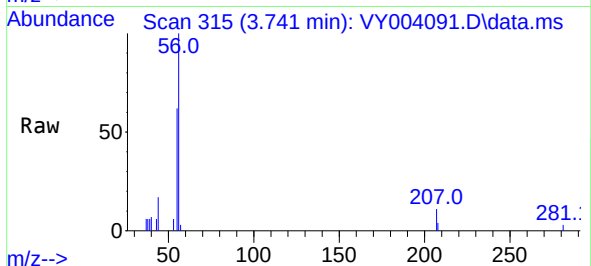


Tgt Ion: 96 Resp: 10057
Ion Ratio Lower Upper
96 100
61 155.2 130.7 196.1
98 64.6 48.9 73.3

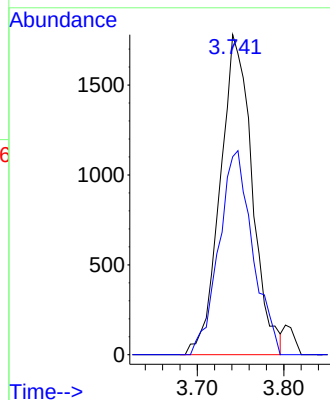
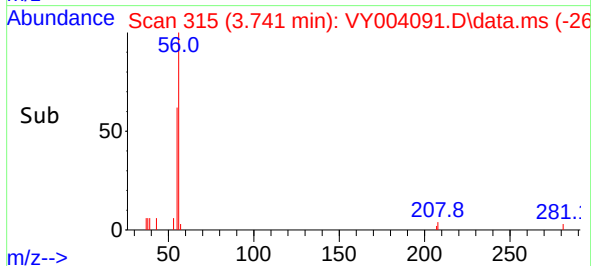




#13
Acrolein
Concen: 23.69 ug/l
RT: 3.741 min Scan# 315
Delta R.T. -0.000 min
Lab File: VY004091.D
Acq: 16 Mar 2021 12:30



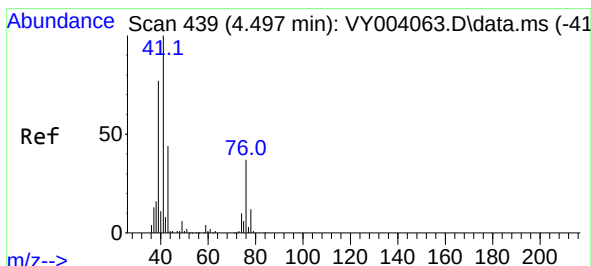
Tgt Ion: 56 Resp: 4568
Ion Ratio Lower Upper
56 100
55 67.3 55.4 83.0



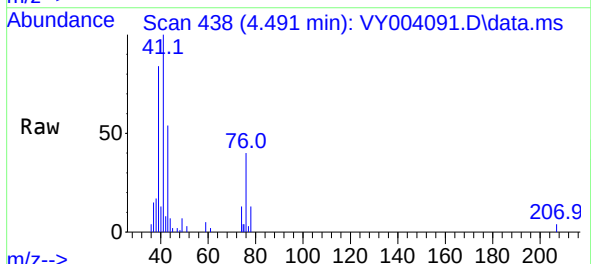
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2021

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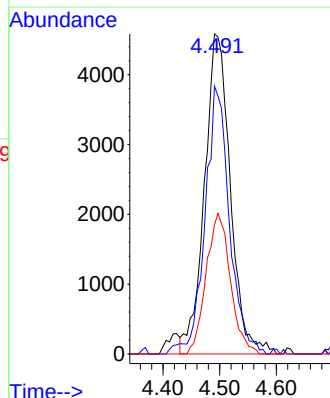
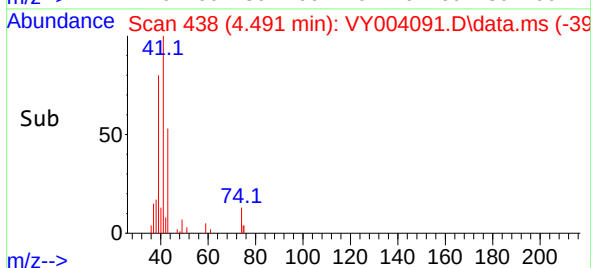
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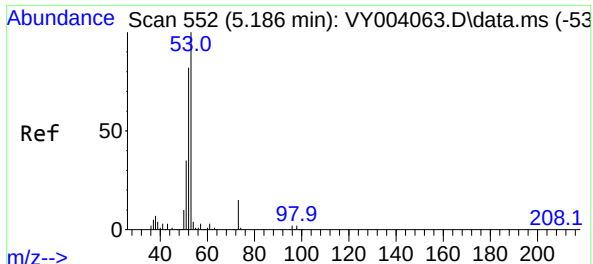


#14
Allyl chloride
Concen: 4.59 ug/l
RT: 4.491 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY004091.D
Acq: 16 Mar 2021 12:30



Tgt Ion: 41 Resp: 14539
Ion Ratio Lower Upper
41 100
39 79.1 54.0 81.0
76 41.2 26.1 39.1#





#15

Acrylonitrile

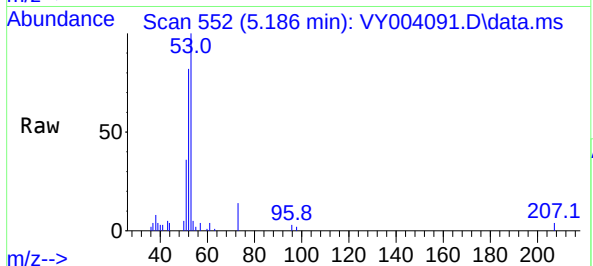
Concen: 27.84 ug/l

RT: 5.186 min Scan# 552

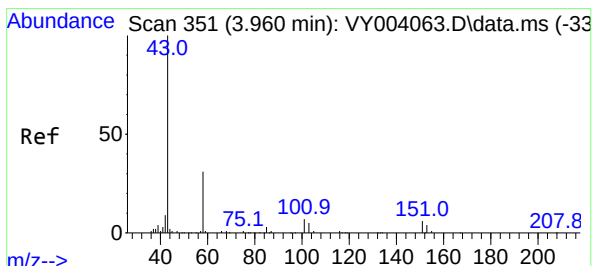
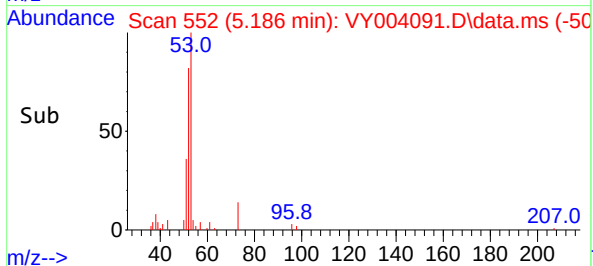
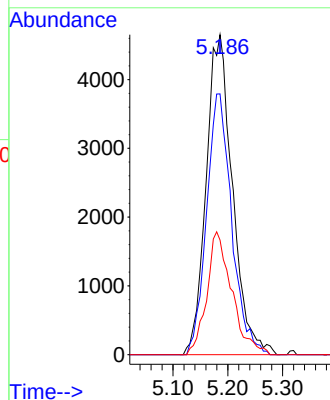
Delta R.T. -0.000 min

Lab File: VY004091.D

Acq: 16 Mar 2021 12:30



Tgt Ion:	53	Resp:	15519
Ion	Ratio	Lower	Upper
53	100		
52	77.8	66.2	99.4
51	36.4	29.5	44.3



#16

Acetone

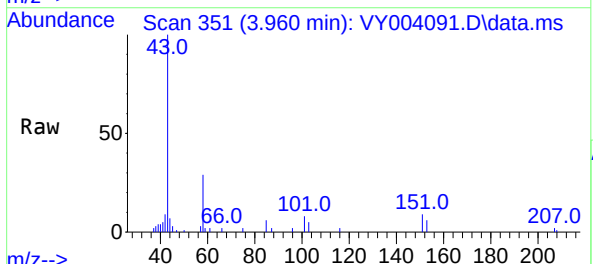
Concen: 25.41 ug/l

RT: 3.960 min Scan# 351

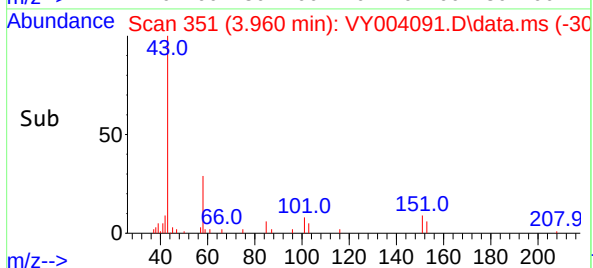
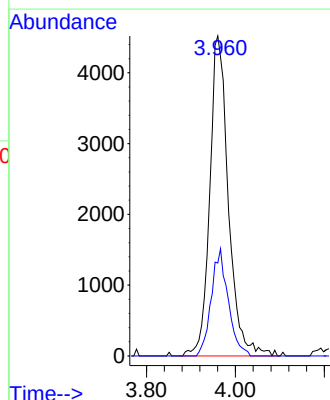
Delta R.T. 0.000 min

Lab File: VY004091.D

Acq: 16 Mar 2021 12:30



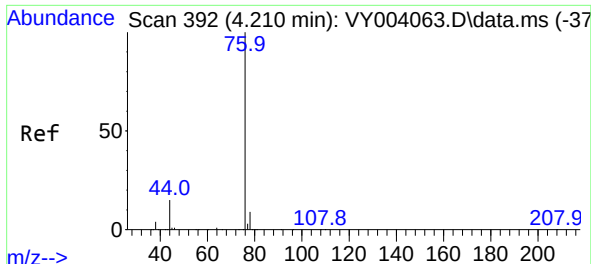
Tgt Ion:	43	Resp:	13188
Ion	Ratio	Lower	Upper
43	100		
58	29.0	22.6	34.0



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

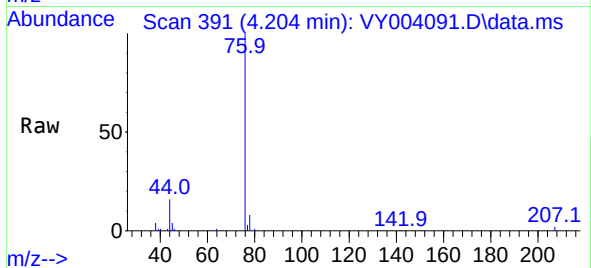
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#17
Carbon Disulfide
Concen: 5.23 ug/l
RT: 4.204 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY004091.D
Acq: 16 Mar 2021 12:30

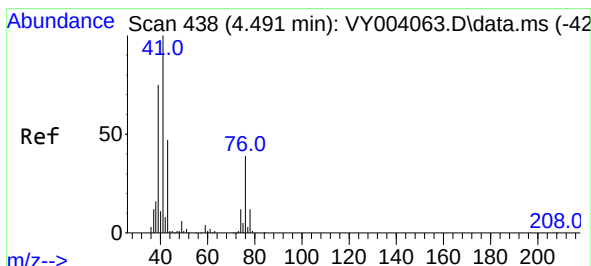
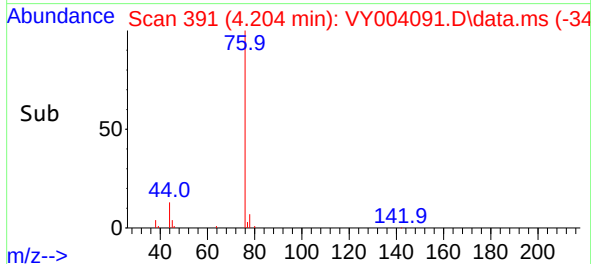
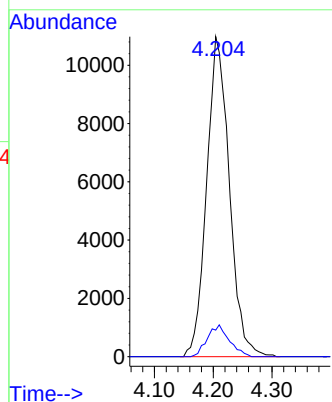
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2021



Tgt Ion: 76 Resp: 29472
Ion Ratio Lower Upper
76 100
78 8.3 6.8 10.2

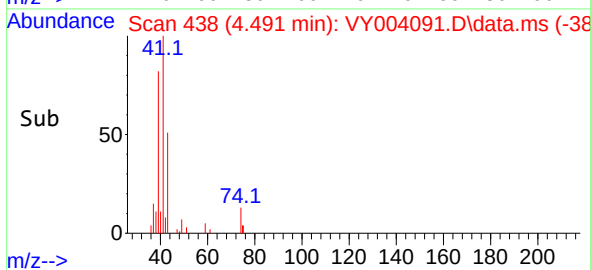
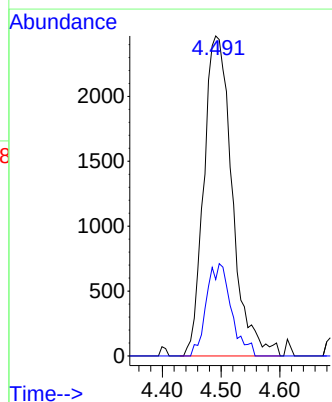
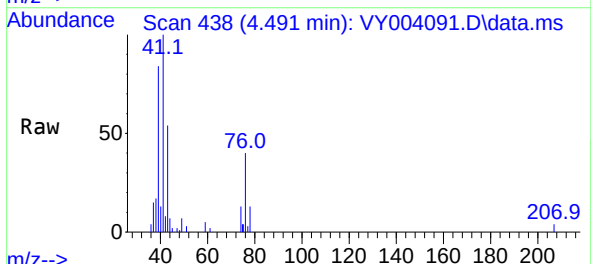
Manual Integrations
APPROVED

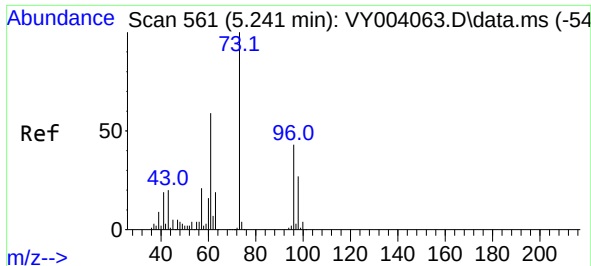
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#18
Methyl Acetate
Concen: 6.46 ug/l
RT: 4.491 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY004091.D
Acq: 16 Mar 2021 12:30

Tgt Ion: 43 Resp: 8276
Ion Ratio Lower Upper
43 100
74 25.2 17.6 26.4





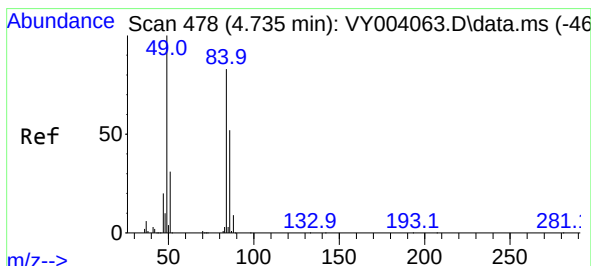
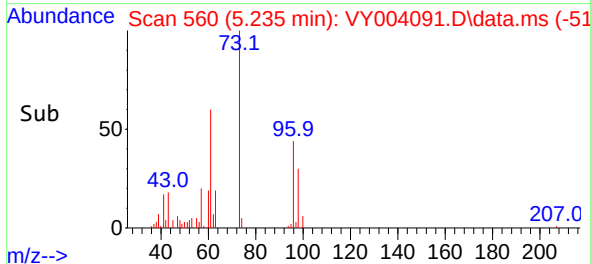
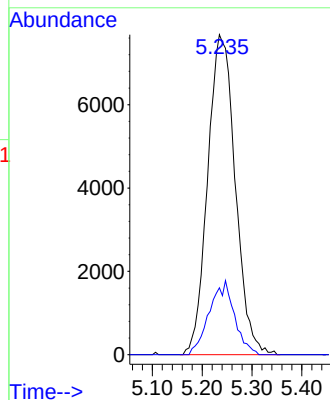
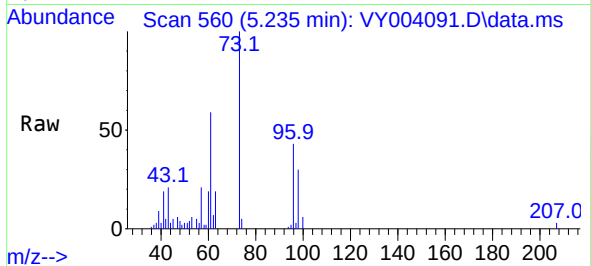
#19
Methyl tert-butyl Ether
Concen: 5.41 ug/l
RT: 5.235 min Scan# 560
Delta R.T. -0.006 min
Lab File: VY004091.D
Acq: 16 Mar 2021 12:30

Tgt Ion: 73 Resp: 29524
Ion Ratio Lower Upper
73 100
57 20.9 17.5 26.3

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

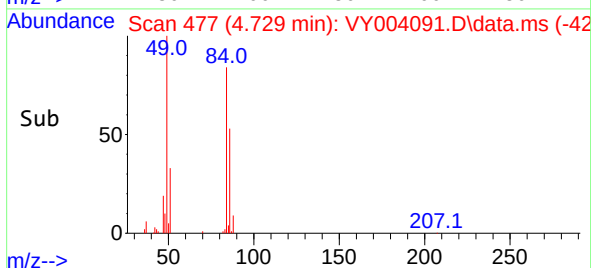
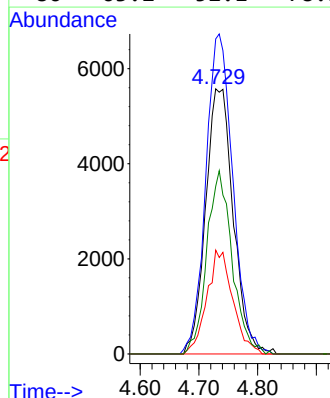
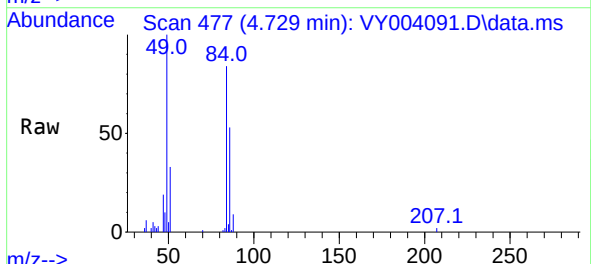
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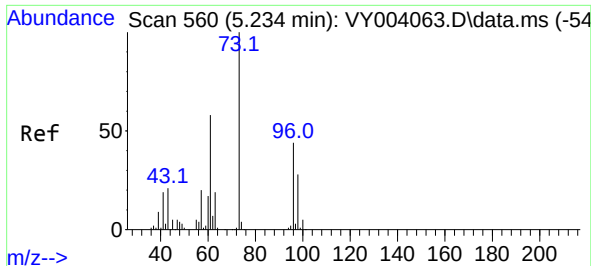
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#20
Methylene Chloride
Concen: 7.29 ug/l
RT: 4.729 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY004091.D
Acq: 16 Mar 2021 12:30

Tgt Ion: 84 Resp: 18278
Ion Ratio Lower Upper
84 100
49 118.9 105.8 158.6
51 39.2 32.6 48.8
86 63.2 52.1 78.1





#21
trans-1,2-Dichloroethene
Concen: 5.26 ug/l
RT: 5.241 min Scan# 561
Delta R.T. 0.007 min
Lab File: VY004091.D
Acq: 16 Mar 2021 12:30

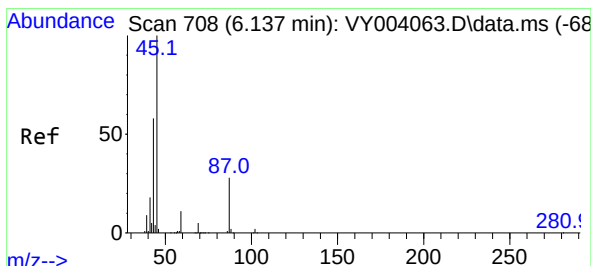
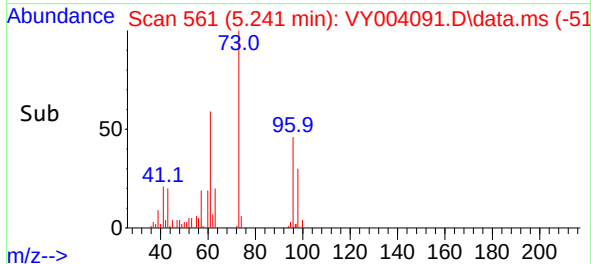
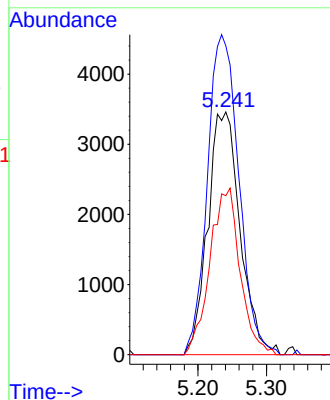
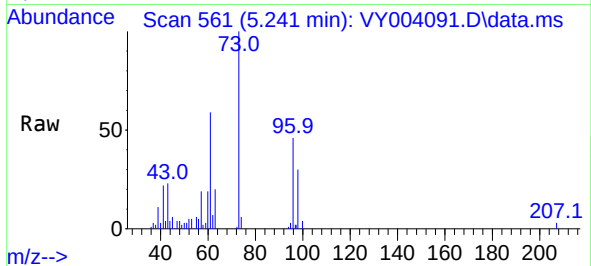
Tgt Ion: 96 Resp: 11323

Ion	Ratio	Lower	Upper
96	100		
61	127.3	110.8	166.2
98	65.5	51.0	76.6

Instrument :
MSVOA_Y
ClientSampleId :
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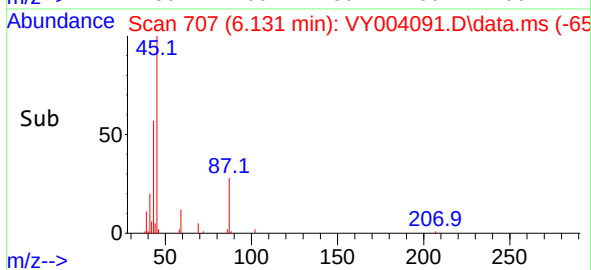
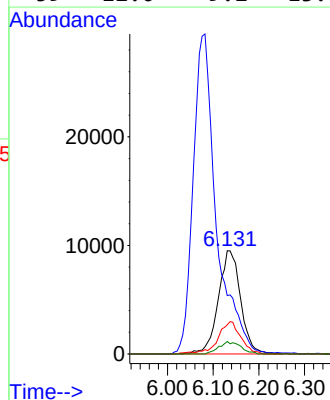
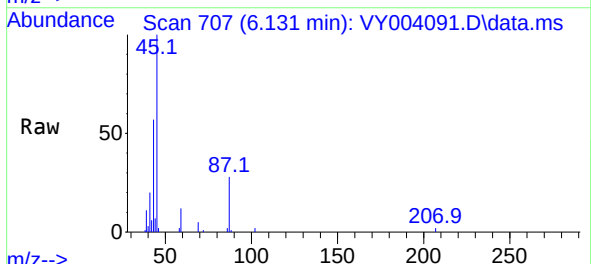
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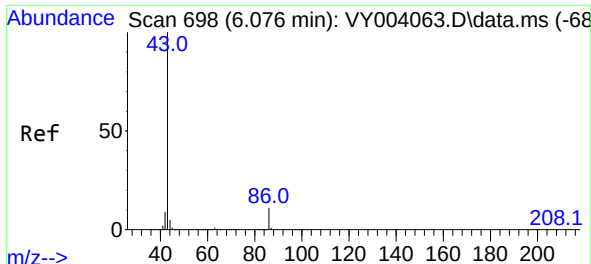


#22
Diisopropyl ether
Concen: 4.82 ug/l
RT: 6.131 min Scan# 707
Delta R.T. -0.006 min
Lab File: VY004091.D
Acq: 16 Mar 2021 12:30

Tgt Ion: 45 Resp: 32201

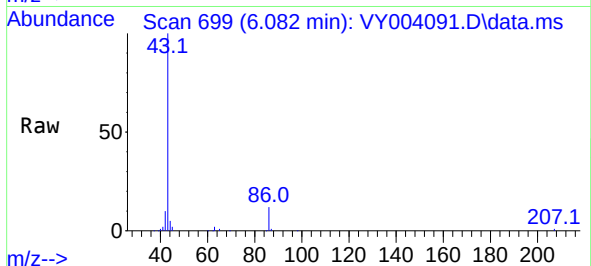
Ion	Ratio	Lower	Upper
45	100		
43	55.5	45.1	67.7
87	28.3	21.0	31.4
59	12.0	9.2	13.8





#23
Vinyl Acetate
Concen: 23.55 ug/l
RT: 6.082 min Scan# 699
Delta R.T. 0.006 min
Lab File: VY004091.D
Acq: 16 Mar 2021 12:30

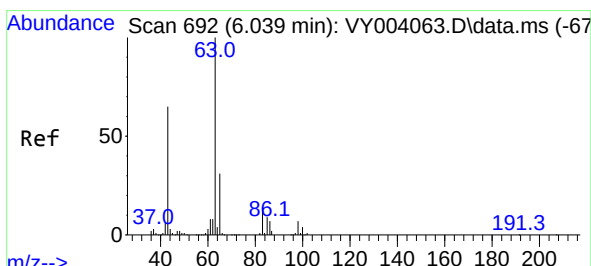
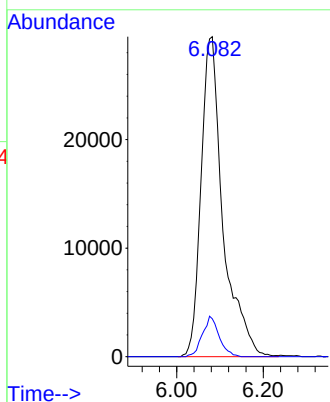
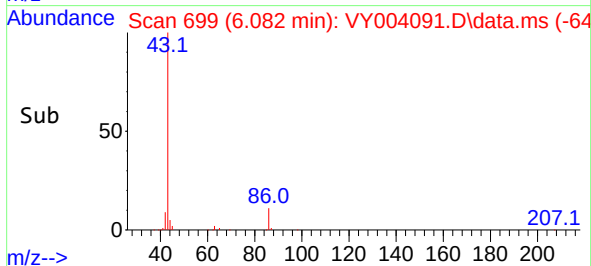
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2021



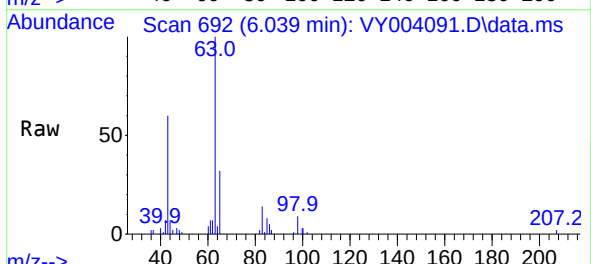
Tgt Ion: 43 Resp: 103653
Ion Ratio Lower Upper
43 100
86 11.8 7.8 11.6#

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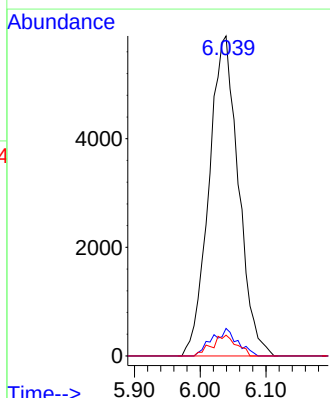
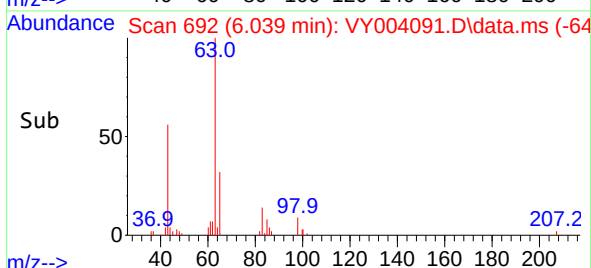
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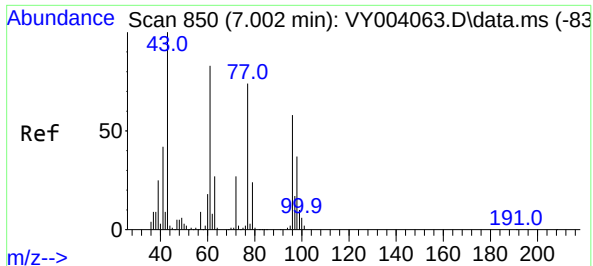


#24
1,1-Dichloroethane
Concen: 4.95 ug/l
RT: 6.039 min Scan# 692
Delta R.T. 0.000 min
Lab File: VY004091.D
Acq: 16 Mar 2021 12:30



Tgt Ion: 63 Resp: 18362
Ion Ratio Lower Upper
63 100
98 8.6 3.5 10.4
100 6.5 2.3 6.9





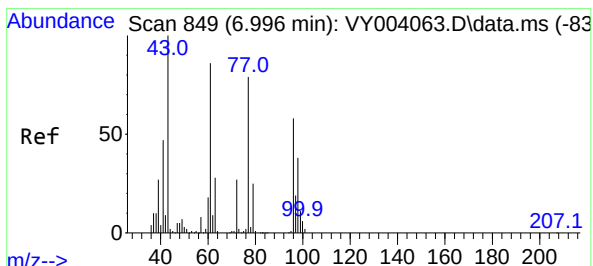
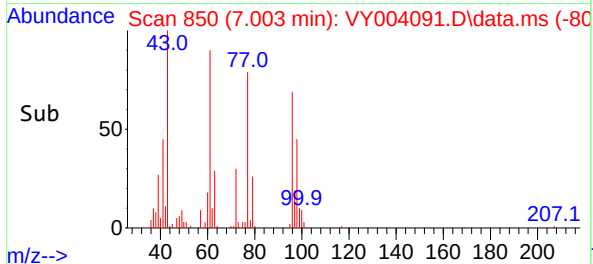
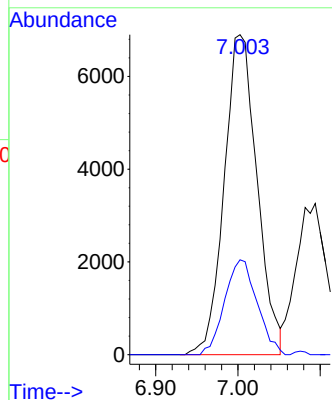
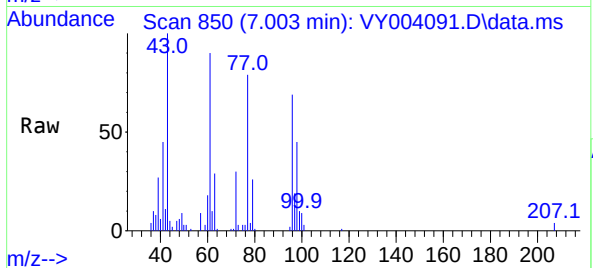
#25
2-Butanone
Concen: 25.66 ug/l
RT: 7.003 min Scan# 850
Delta R.T. 0.001 min
Lab File: VY004091.D
Acq: 16 Mar 2021 12:30

Tgt Ion: 43 Resp: 19198
Ion Ratio Lower Upper
43 100
72 29.6 19.4 29.0#

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

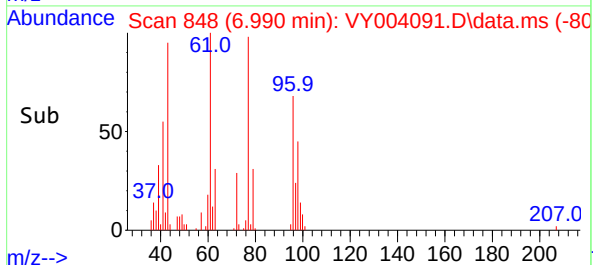
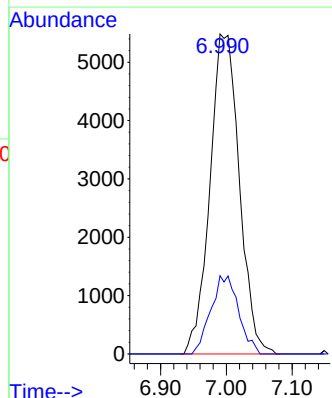
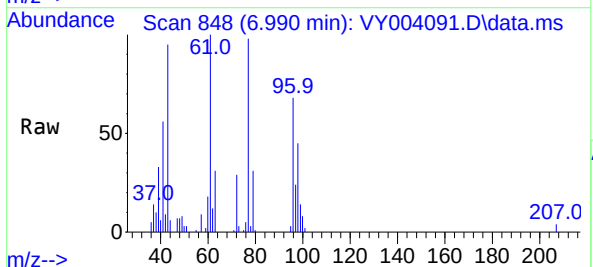
Manual Integrations
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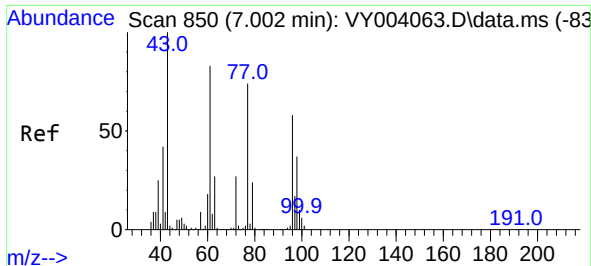
MMDadoda
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#26
2,2-Dichloropropane
Concen: 4.82 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.006 min
Lab File: VY004091.D
Acq: 16 Mar 2021 12:30

Tgt Ion: 77 Resp: 17090
Ion Ratio Lower Upper
77 100
97 23.0 11.4 34.1





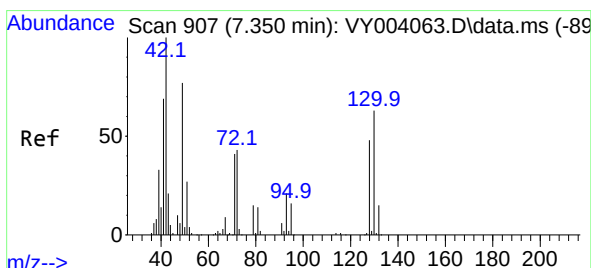
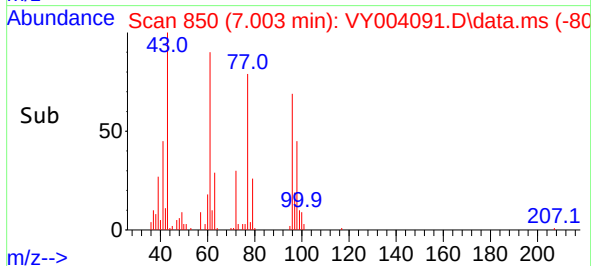
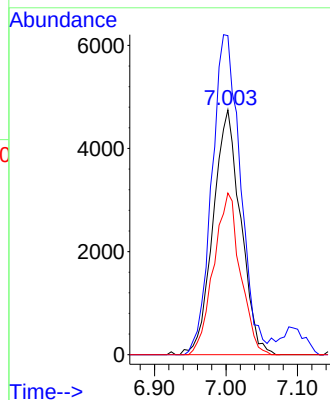
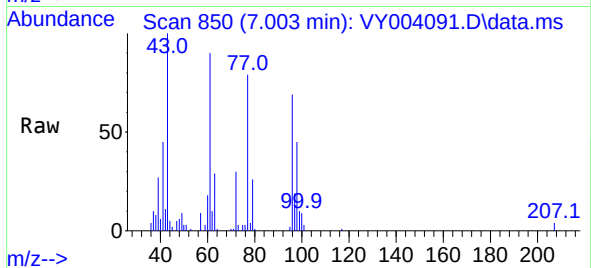
#27
cis-1,2-Dichloroethene
Concen: 5.20 ug/l
RT: 7.003 min Scan# 850
Delta R.T. 0.001 min
Lab File: VY004091.D
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Tgt Ion:	96	Resp:	12729
Ion	Ratio	Lower	Upper
96	100		
61	135.3	0.0	303.6
98	63.9	0.0	130.6

Instrument :
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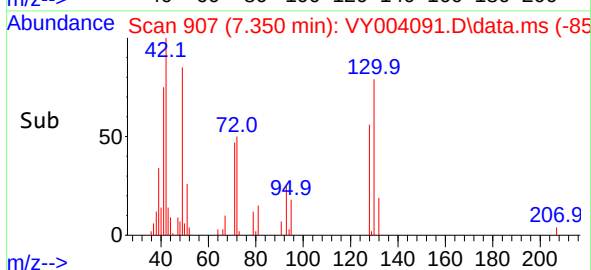
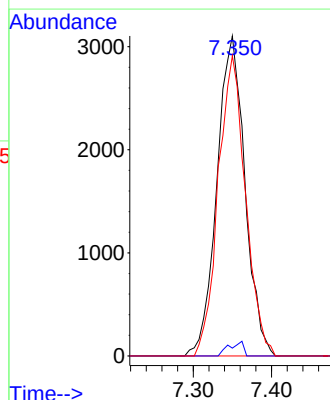
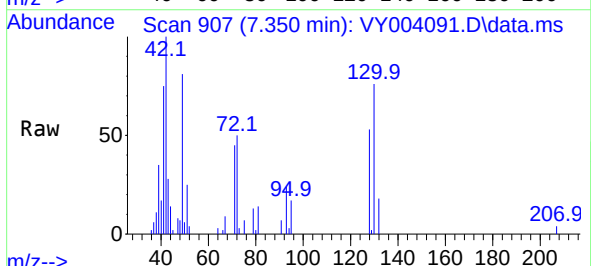
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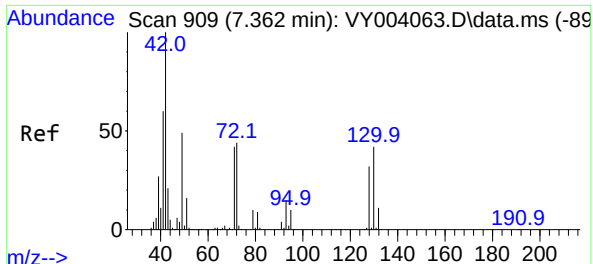
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#28
Bromochloromethane
Concen: 4.76 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.000 min
Lab File: VY004091.D
Acq: 16 Mar 2021 12:30

Tgt Ion:	49	Resp:	7712
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.4
130	91.4	59.0	88.4#





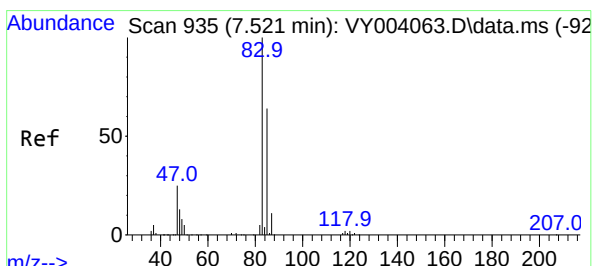
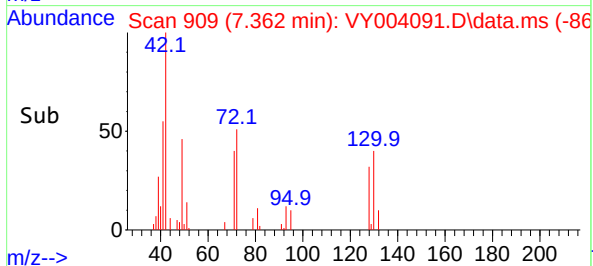
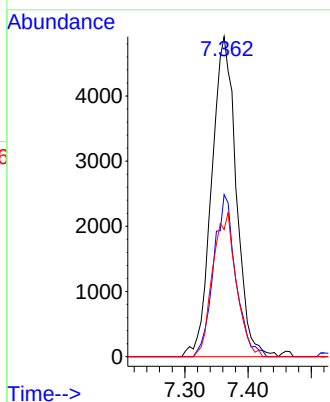
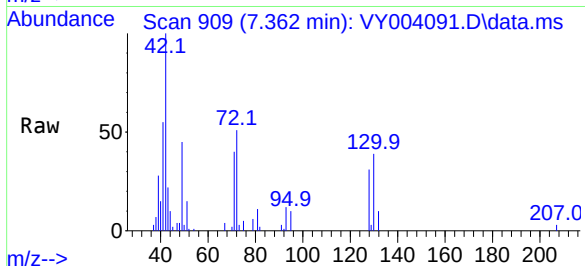
#29
Tetrahydrofuran
Concen: 27.21 ug/l
RT: 7.362 min Scan# 909
Delta R.T. 0.000 min
Lab File: VY004091.D
Acq: 16 Mar 2021 12:30

Tgt Ion:	42	Resp:	13224
Ion	Ratio	Lower	Upper
42	100		
72	45.6	32.6	48.8
71	43.0	31.0	46.6

Instrument :
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ClientSampleId :
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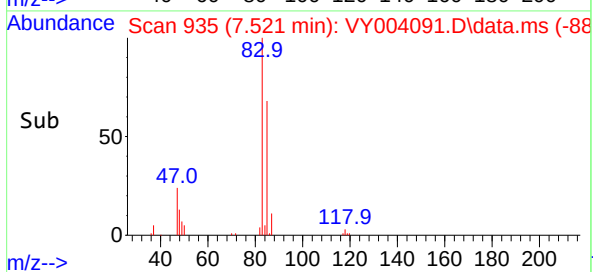
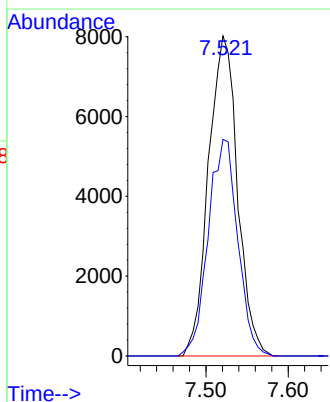
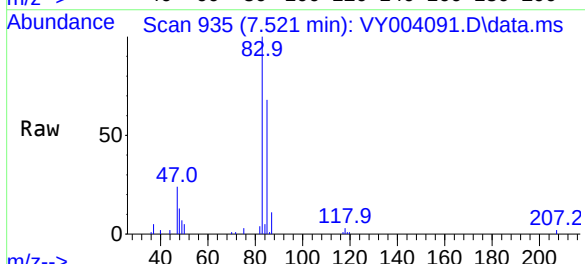
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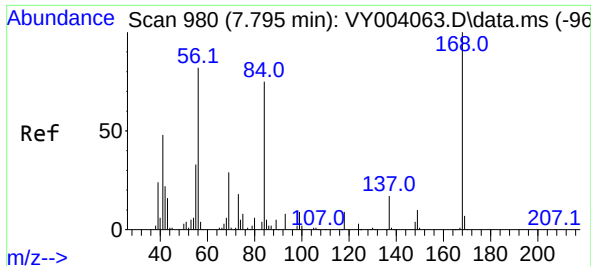
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#30
Chloroform
Concen: 5.13 ug/l
RT: 7.521 min Scan# 935
Delta R.T. -0.000 min
Lab File: VY004091.D
Acq: 16 Mar 2021 12:30

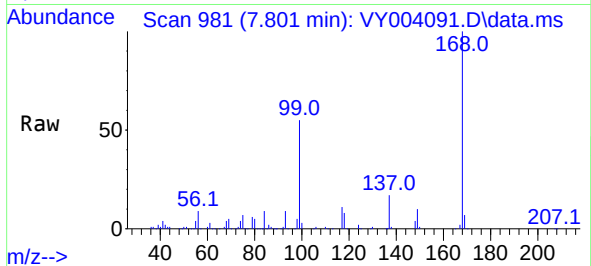
Tgt Ion:	83	Resp:	19743
Ion	Ratio	Lower	Upper
83	100		
85	67.7	51.0	76.6





#31
Cyclohexane
Concen: 5.77 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004091.D
Acq: 16 Mar 2021 12:30

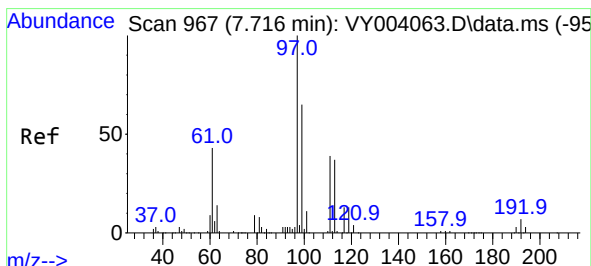
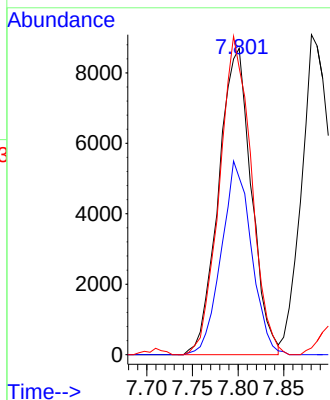
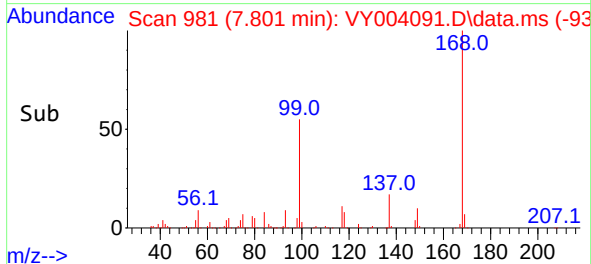
Instrument :
MSVOA_Y
ClientSampleId :
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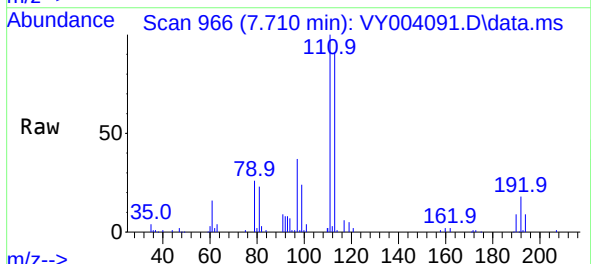
Tgt Ion: 56 Resp: 21747
Ion Ratio Lower Upper
56 100
69 57.9 25.3 37.9#
84 93.8 67.3 100.9

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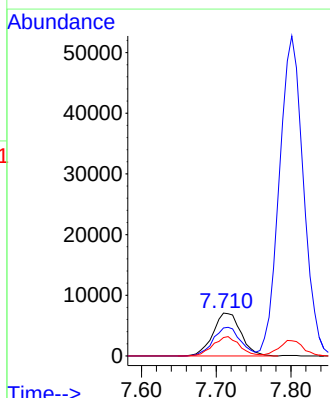
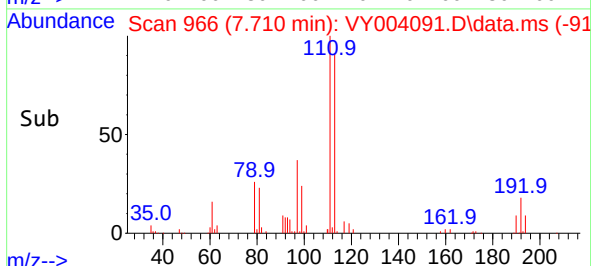
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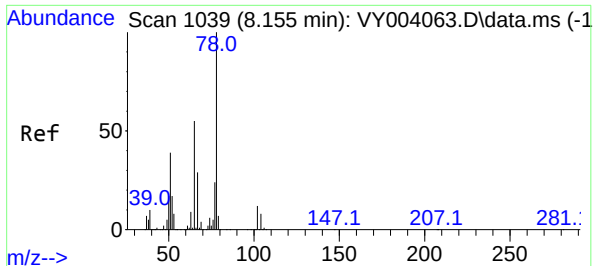


#32
1,1,1-Trichloroethane
Concen: 5.12 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY004091.D
Acq: 16 Mar 2021 12:30



Tgt Ion: 97 Resp: 18274
Ion Ratio Lower Upper
97 100
99 65.7 51.8 77.6
61 42.7 34.5 51.7





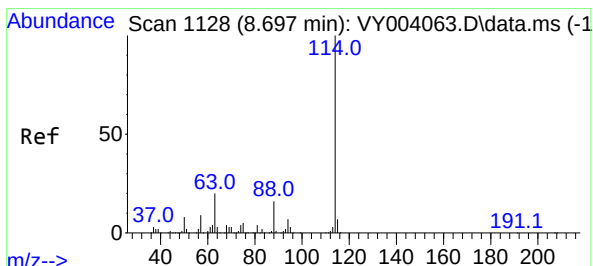
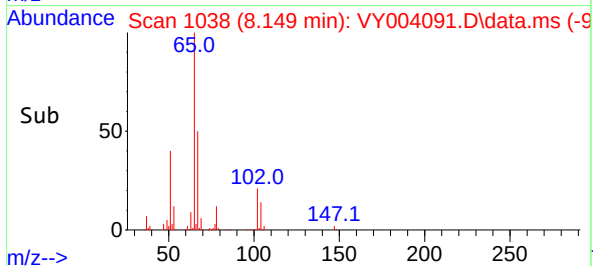
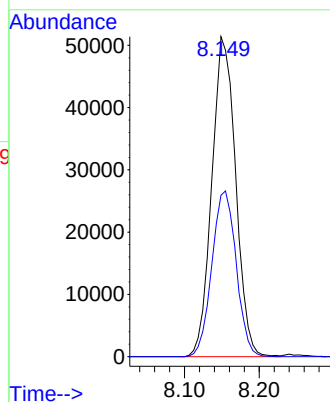
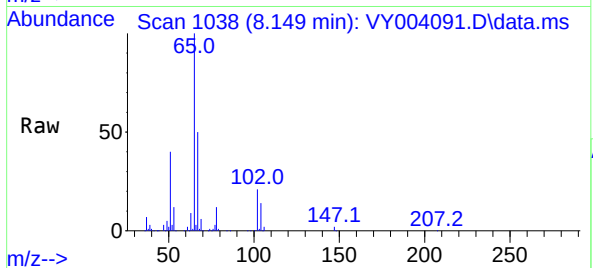
#33
1,2-Dichloroethane-d4
Concen: 52.97 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004091.D
Acq: 16 Mar 2021 12:30

Tgt Ion: 65 Resp: 113881
Ion Ratio Lower Upper
65 100
67 52.9 0.0 101.4

Instrument :
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ClientSampleId :
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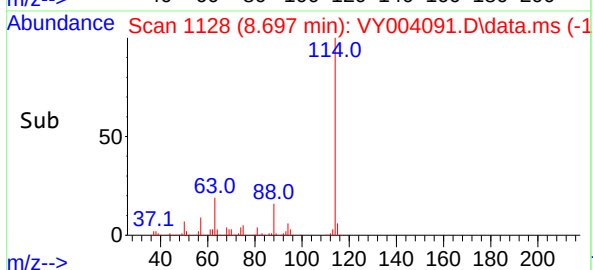
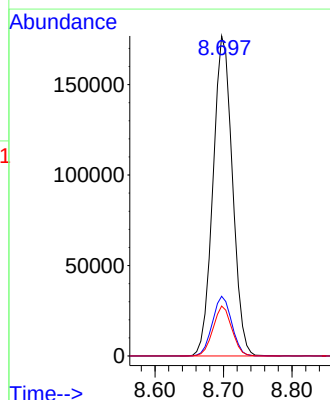
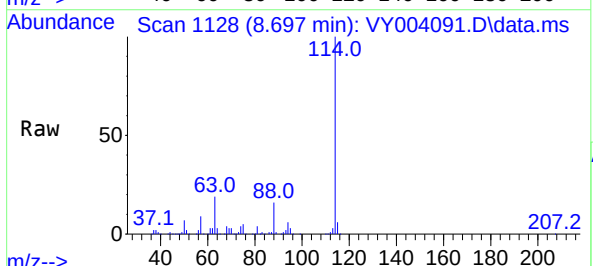
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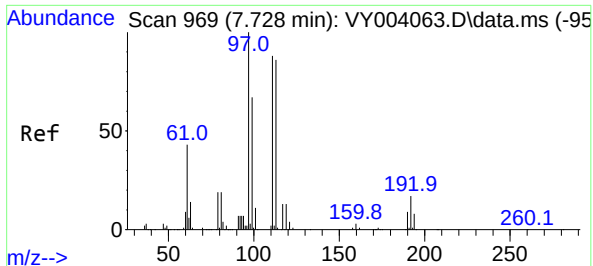
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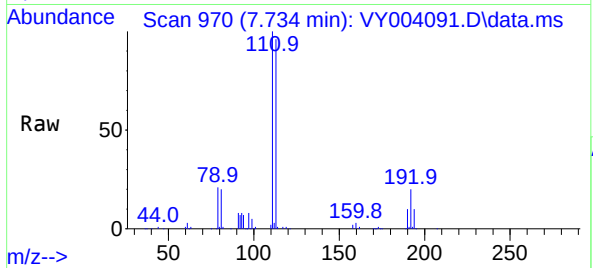
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004091.D
Acq: 16 Mar 2021 12:30

Tgt Ion: 114 Resp: 347758
Ion Ratio Lower Upper
114 100
63 18.6 0.0 41.6
88 15.6 0.0 31.4

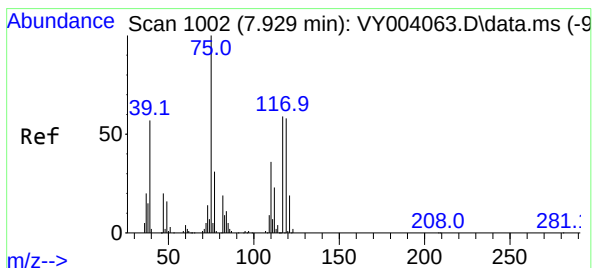
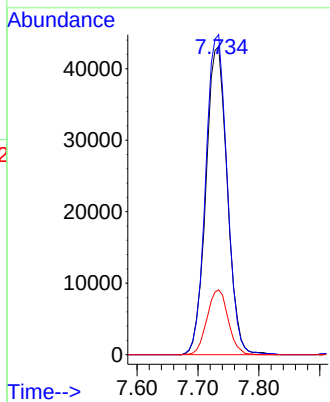
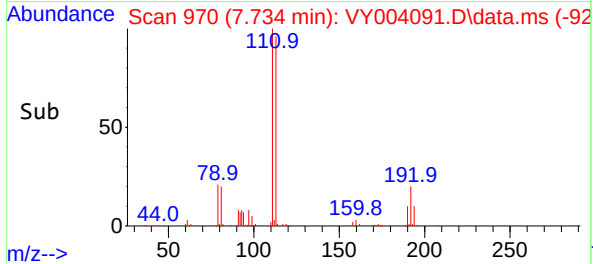




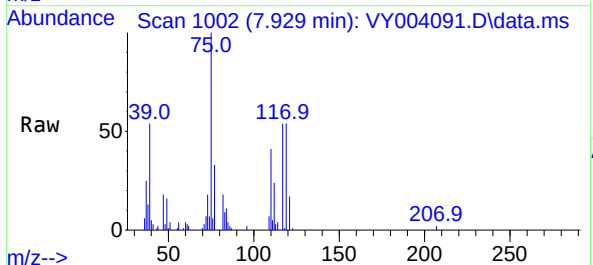
#35
Dibromofluoromethane
Concen: 53.61 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.006 min
Lab File: VY004091.D
Acq: 16 Mar 2021 12:30



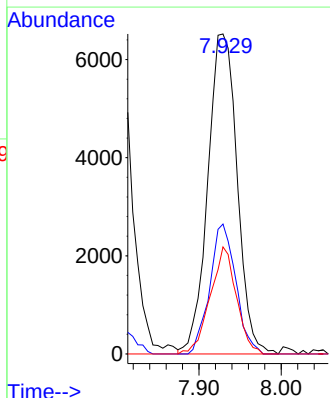
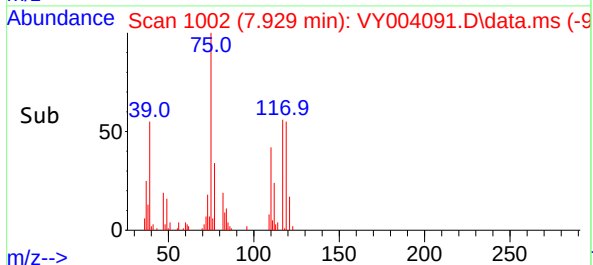
Tgt Ion: 113 Resp: 105131
Ion Ratio Lower Upper
113 100
111 104.0 83.2 124.8
192 20.8 18.5 27.7



#36
1,1-Dichloropropene
Concen: 5.30 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VY004091.D
Acq: 16 Mar 2021 12:30



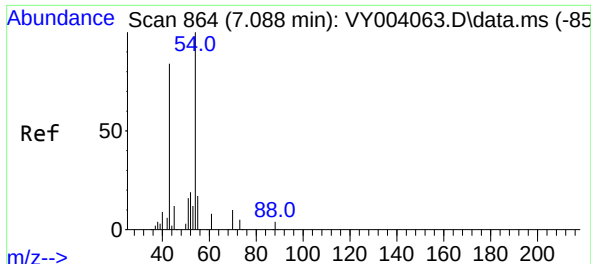
Tgt Ion: 75 Resp: 16199
Ion Ratio Lower Upper
75 100
110 36.0 17.4 52.3
77 29.7 24.5 36.7



Instrument :
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ClientSampleId :
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#37
Ethyl Acetate
Concen: 5.23 ug/l
RT: 7.094 min Scan# 865
Delta R.T. 0.006 min
Lab File: VY004091.D
Acq: 16 Mar 2021 12:30

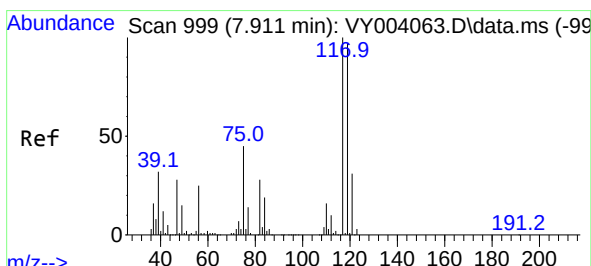
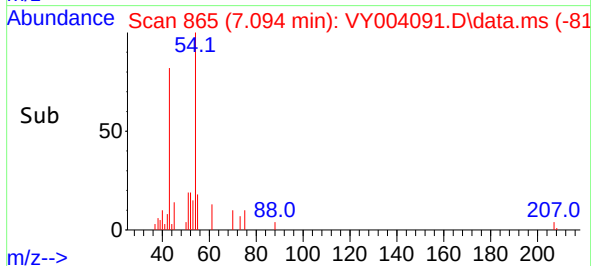
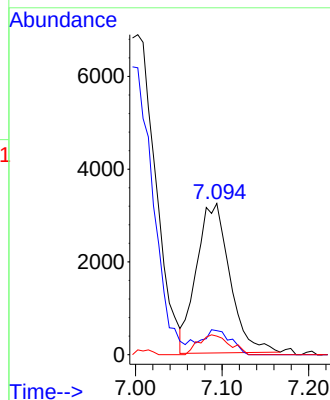
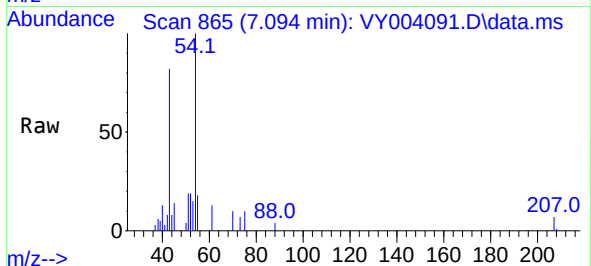
Tgt Ion: 43 Resp: 8613

Ion	Ratio	Lower	Upper
43	100		
61	13.3	10.7	16.1
70	12.3	7.7	11.5#

Instrument :
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ClientSampleId :
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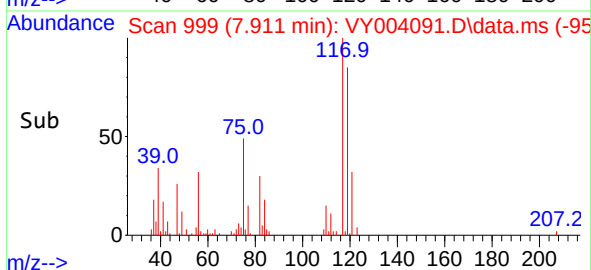
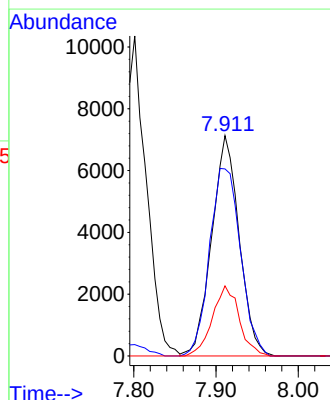
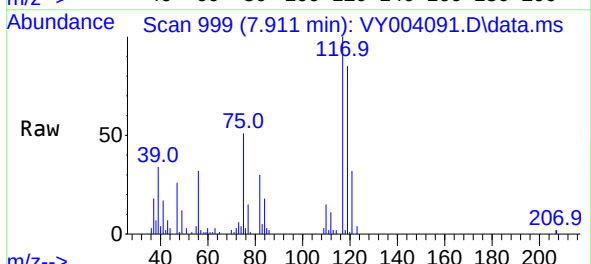
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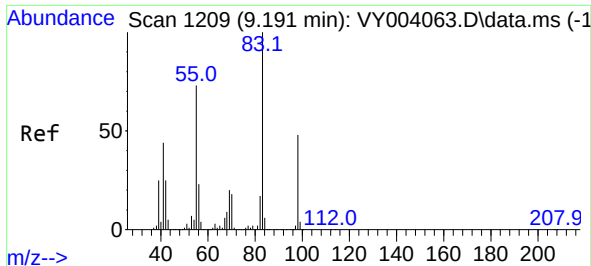


#38
Carbon Tetrachloride
Concen: 5.10 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY004091.D
Acq: 16 Mar 2021 12:30

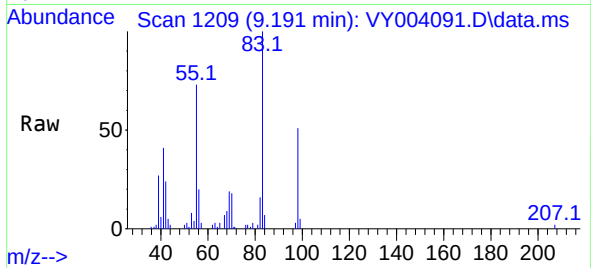
Tgt Ion: 117 Resp: 16546

Ion	Ratio	Lower	Upper
117	100		
119	84.9	75.4	113.0
121	31.8	24.2	36.2

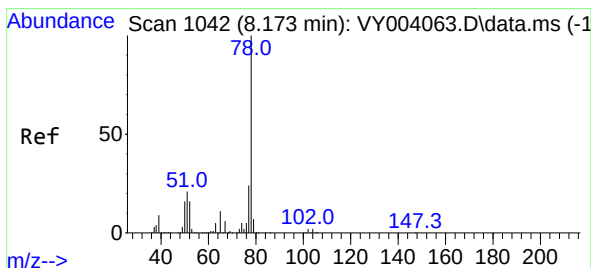
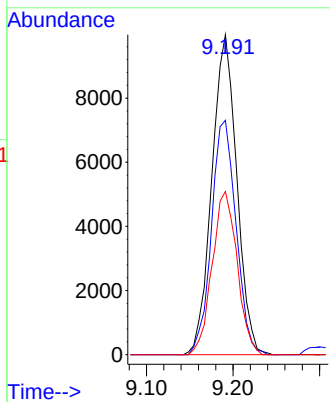
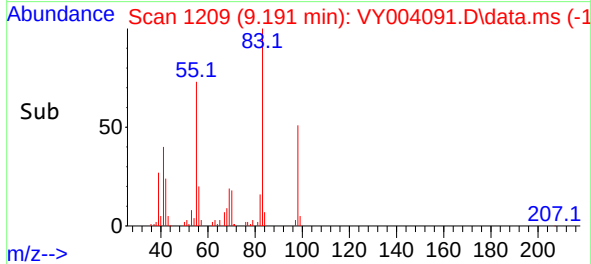




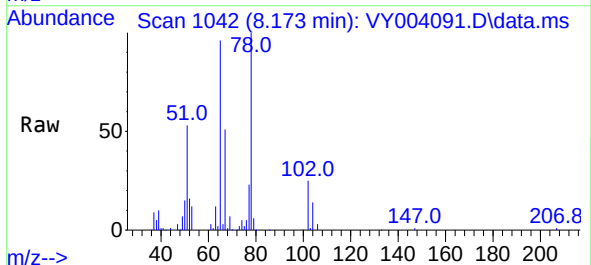
#39
Methylcyclohexane
Concen: 5.06 ug/l
RT: 9.191 min Scan# 1209
Delta R.T. 0.000 min
Lab File: VY004091.D
Acq: 16 Mar 2021 12:30



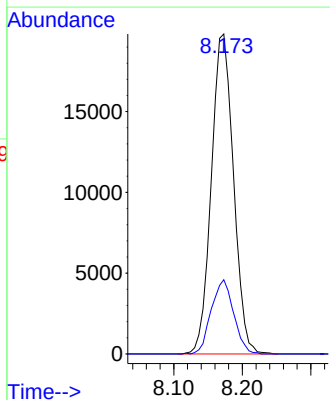
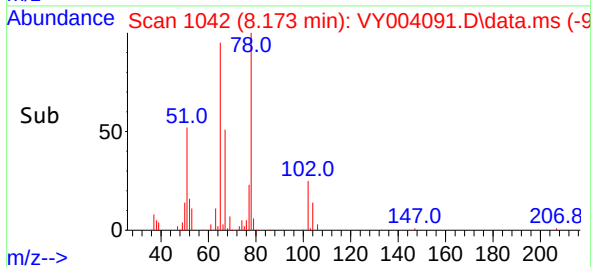
Tgt Ion: 83 Resp: 19963
Ion Ratio Lower Upper
83 100
55 73.3 65.6 98.4
98 51.0 39.5 59.3



#40
Benzene
Concen: 5.16 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VY004091.D
Acq: 16 Mar 2021 12:30



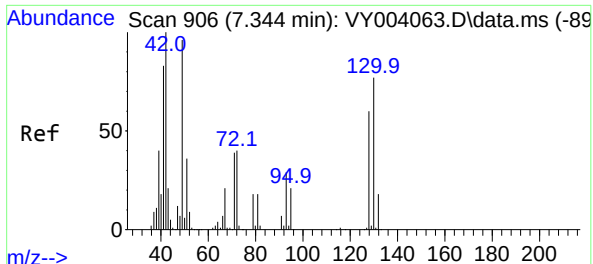
Tgt Ion: 78 Resp: 44422
Ion Ratio Lower Upper
78 100
77 23.2 20.1 30.1



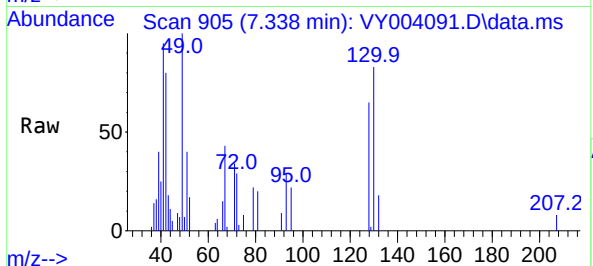
Instrument :
MSVOA_Y
ClientSampleId :
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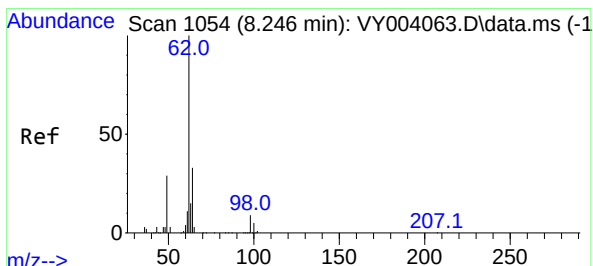
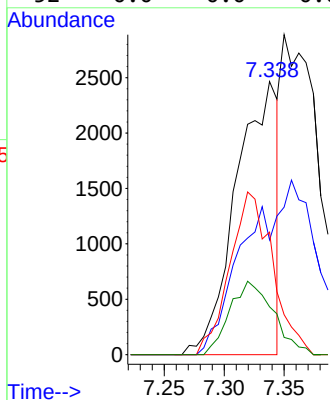
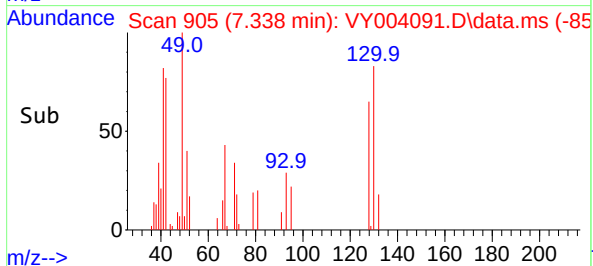
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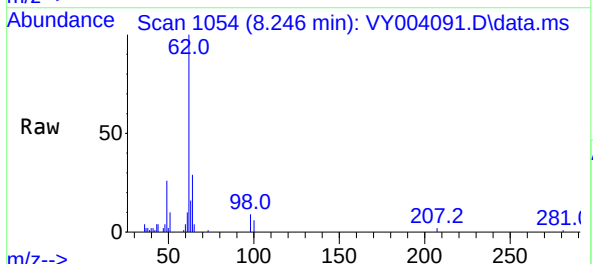
#41
Methacrylonitrile
Concen: 5.83 ug/l m
RT: 7.338 min Scan# 905
Delta R.T. -0.006 min
Lab File: VY004091.D
Acq: 16 Mar 2021 12:30



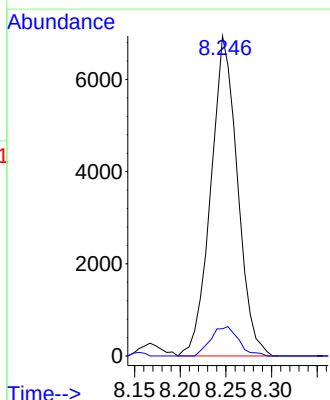
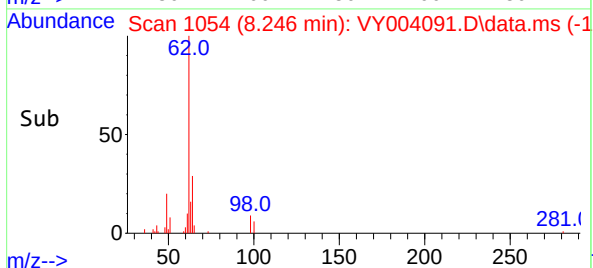
Tgt Ion: 41 Resp: 5944
Ion Ratio Lower Upper
41 100
39 55.6 91.2 136.8#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 5.37 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VY004091.D
Acq: 16 Mar 2021 12:30



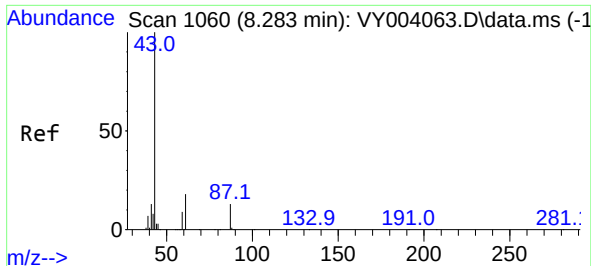
Tgt Ion: 62 Resp: 14137
Ion Ratio Lower Upper
62 100
98 9.6 0.0 17.0



Instrument :
MSVOA_Y
ClientSampleId :
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#43
Isopropyl Acetate
Concen: 5.14 ug/l
RT: 8.283 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VY004091.D
Acq: 16 Mar 2021 12:30

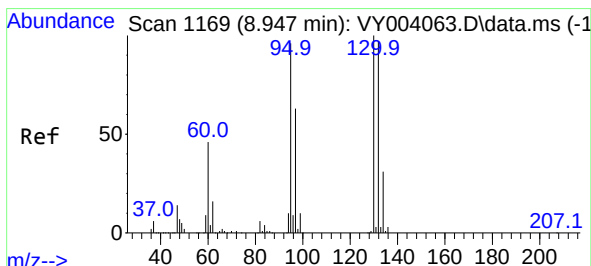
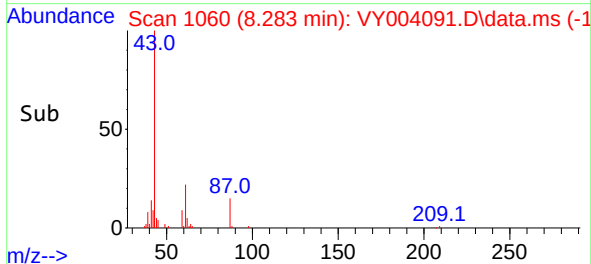
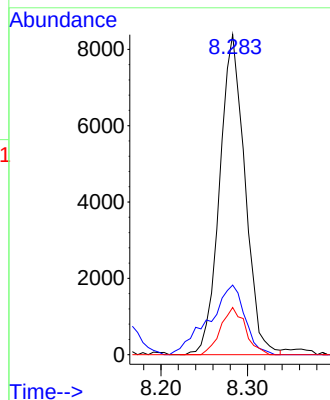
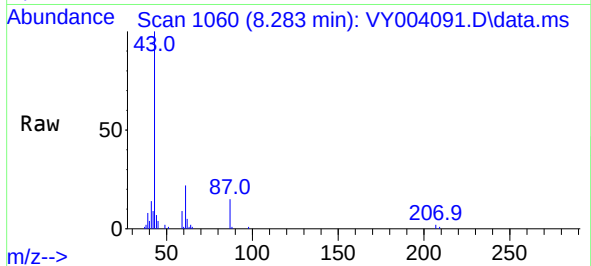
Tgt Ion: 43 Resp: 16987

Ion	Ratio	Lower	Upper
43	100		
61	30.9	22.1	33.1
87	14.5	9.8	14.8

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

Manual Integrations
APPROVED

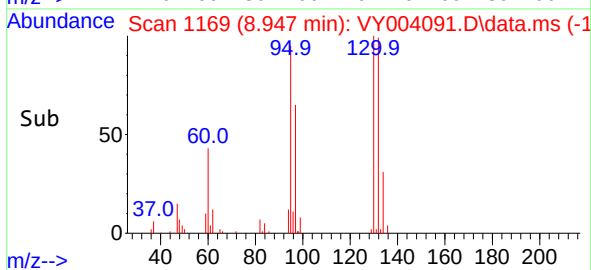
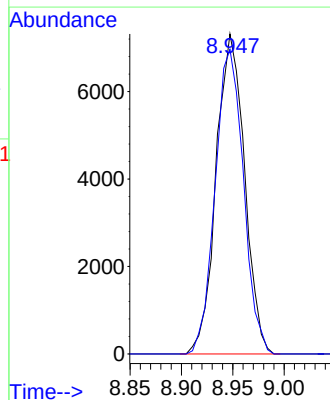
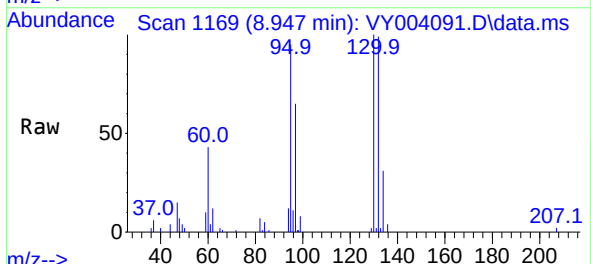
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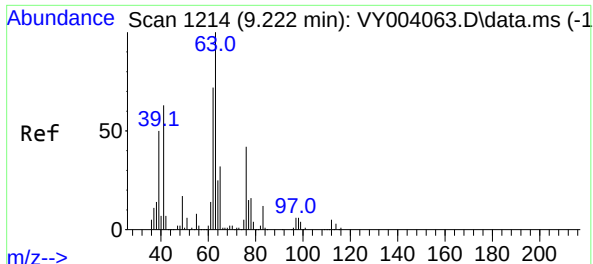


#44
Trichloroethene
Concen: 5.64 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VY004091.D
Acq: 16 Mar 2021 12:30

Tgt Ion:130 Resp: 14067

Ion	Ratio	Lower	Upper
130	100		
95	95.2	0.0	188.0





#45

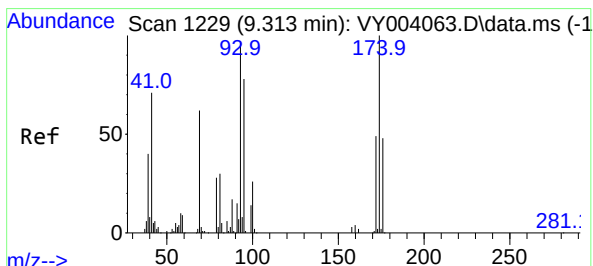
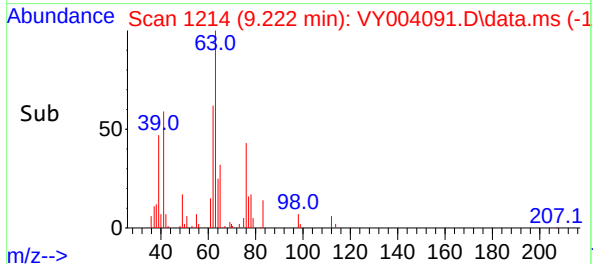
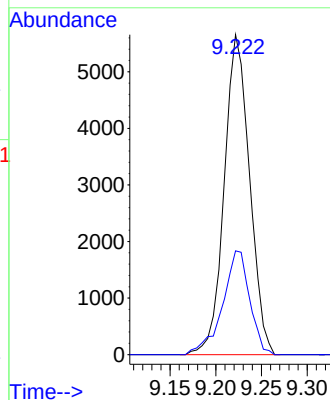
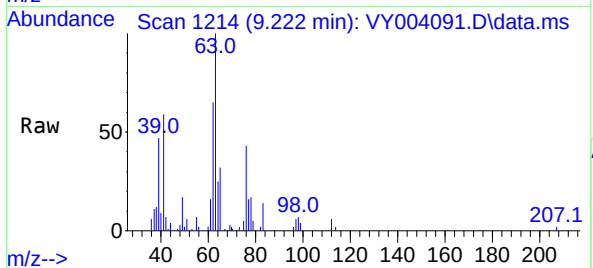
1,2-Dichloropropane
Concen: 5.09 ug/l
RT: 9.222 min Scan# 1214
Delta R.T. -0.000 min
Lab File: VY004091.D
Acq: 16 Mar 2021 12:30

Tgt Ion: 63 Resp: 10927
Ion Ratio Lower Upper
63 100
65 32.4 24.4 36.6

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

Manual Integrations
APPROVED

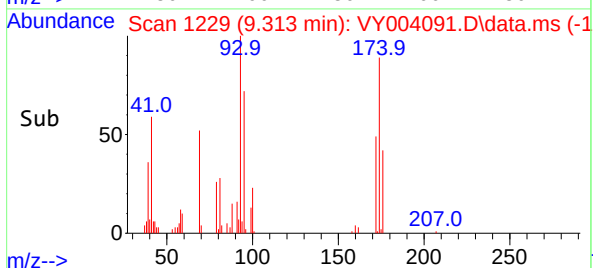
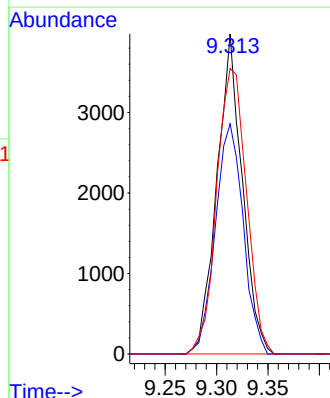
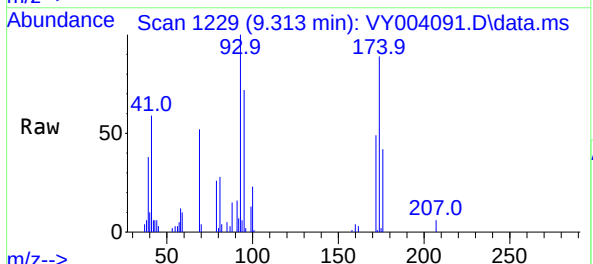
MMDadoda
3/17/2021 11:46:24 AM

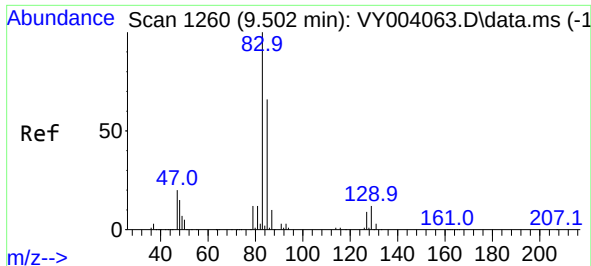


#46

Dibromomethane
Concen: 5.55 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VY004091.D
Acq: 16 Mar 2021 12:30

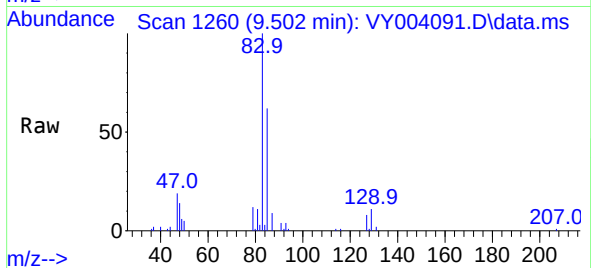
Tgt Ion: 93 Resp: 6815
Ion Ratio Lower Upper
93 100
95 79.0 66.3 99.5
174 104.7 88.1 132.1





#47
Bromodichloromethane
Concen: 5.18 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VY004091.D
Acq: 16 Mar 2021 12:30

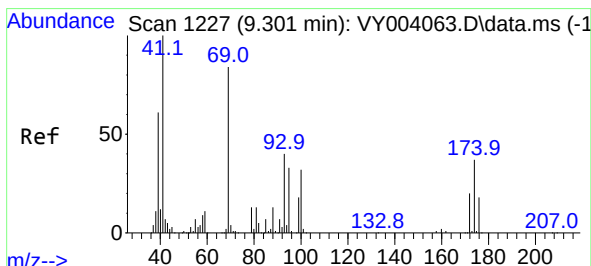
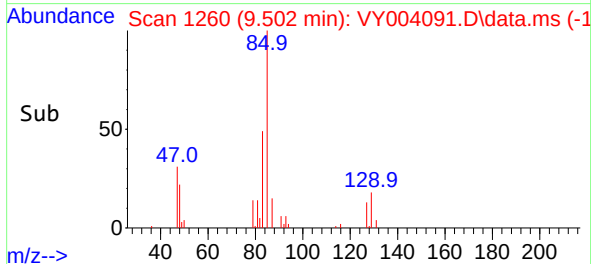
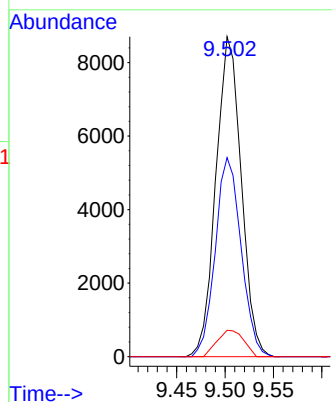
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2021



Tgt Ion: 83 Resp: 15873
Ion Ratio Lower Upper
83 100
85 62.2 51.6 77.4
127 8.3 6.5 9.7

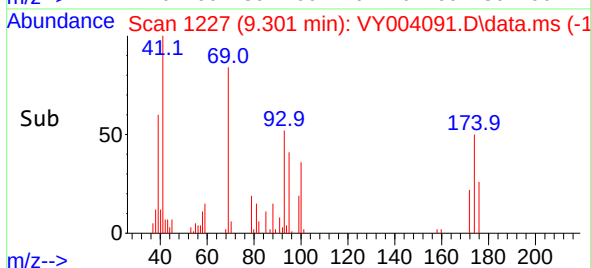
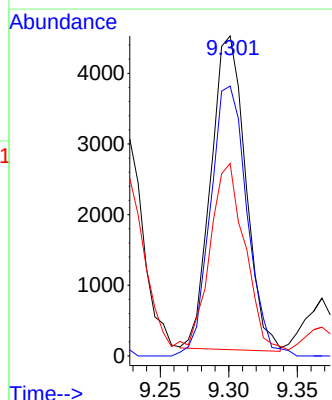
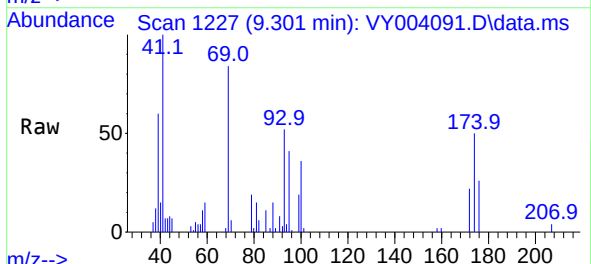
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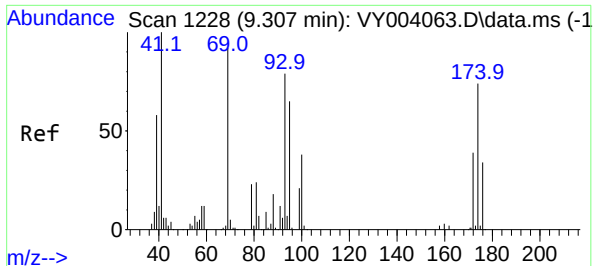
MMDadoda
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#48
Methyl methacrylate
Concen: 4.98 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VY004091.D
Acq: 16 Mar 2021 12:30

Tgt Ion: 41 Resp: 7813
Ion Ratio Lower Upper
41 100
69 91.0 65.1 97.7
39 65.3 44.2 66.2





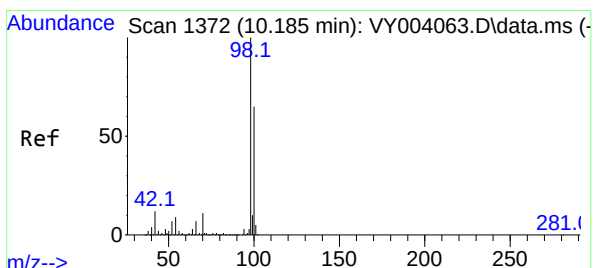
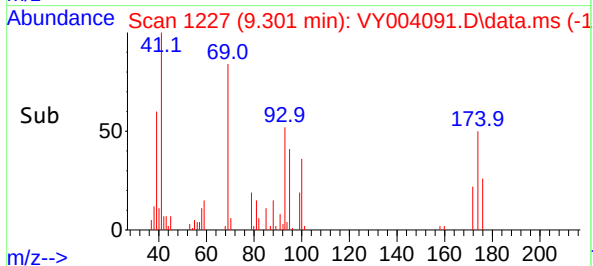
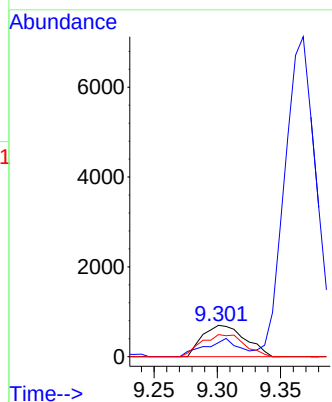
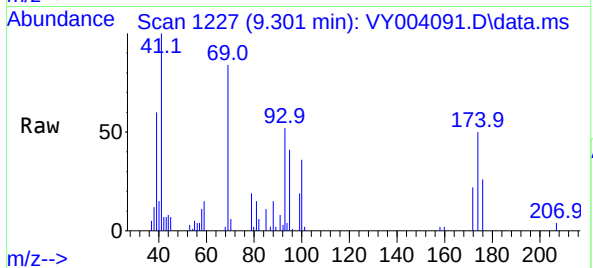
#49
1,4-Dioxane
Concen: 105.06 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VY004091.D
Acq: 16 Mar 2021 12:30

Tgt Ion: 88 Resp: 1643
Ion Ratio Lower Upper
88 100
43 45.0 32.0 48.0
58 70.8 56.5 84.7

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

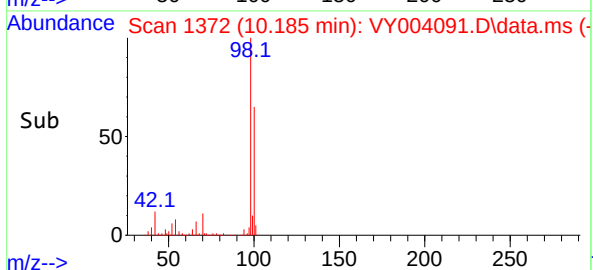
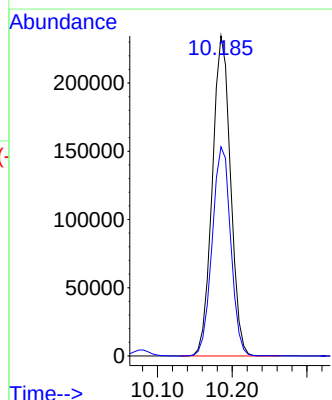
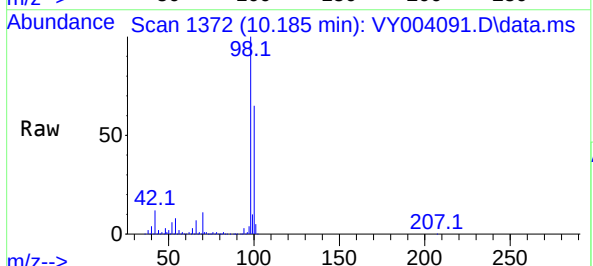
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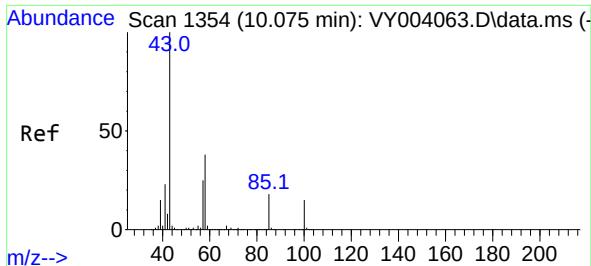
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#50
Toluene-d8
Concen: 51.72 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004091.D
Acq: 16 Mar 2021 12:30

Tgt Ion: 98 Resp: 397615
Ion Ratio Lower Upper
98 100
100 66.4 51.8 77.6





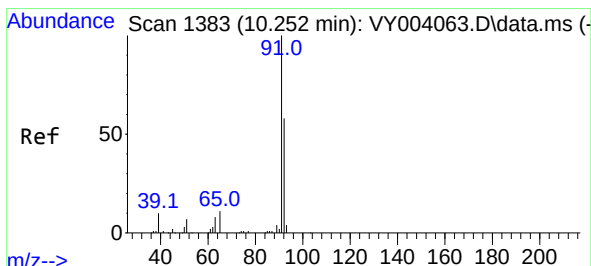
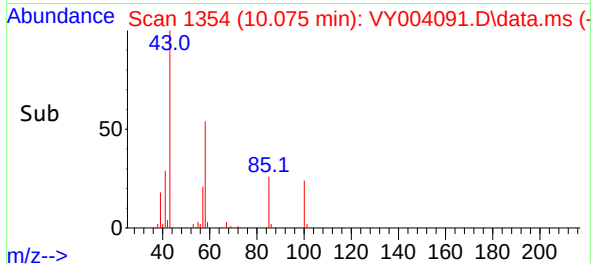
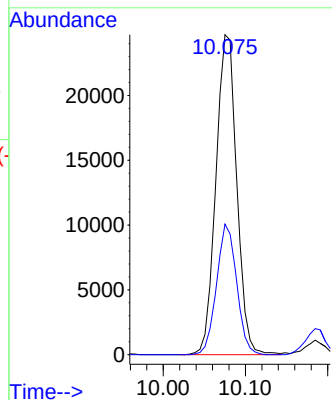
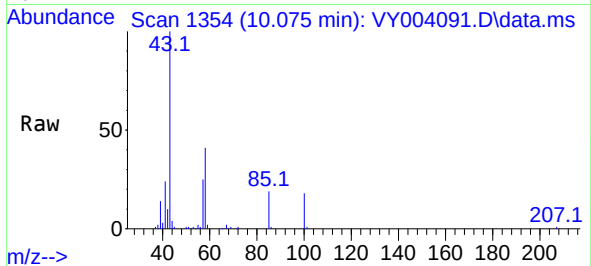
#51
4-Methyl-2-Pentanone
Concen: 26.05 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY004091.D
Acq: 16 Mar 2021 12:30

Tgt Ion: 43 Resp: 43570
Ion Ratio Lower Upper
43 100
58 39.3 29.8 44.8

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

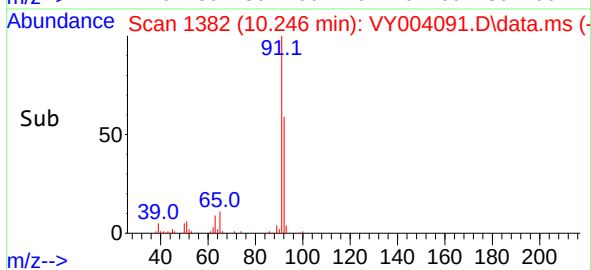
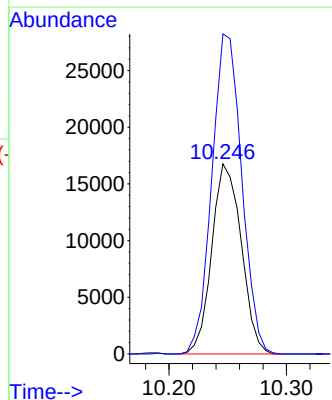
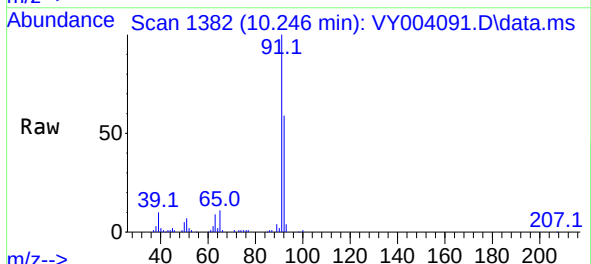
Manual Integrations
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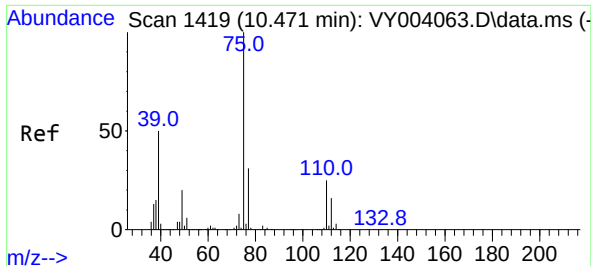
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#52
Toluene
Concen: 5.24 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.006 min
Lab File: VY004091.D
Acq: 16 Mar 2021 12:30

Tgt Ion: 92 Resp: 29228
Ion Ratio Lower Upper
92 100
91 170.9 141.0 211.4





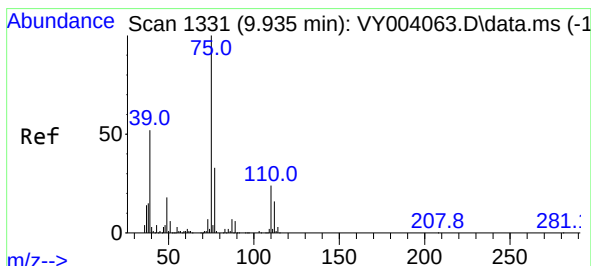
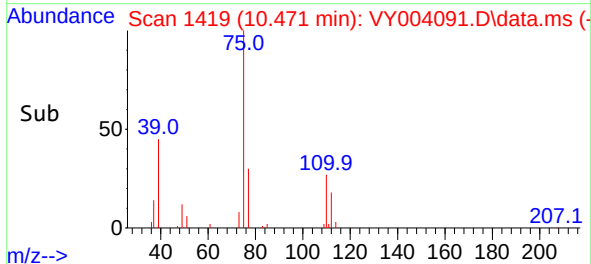
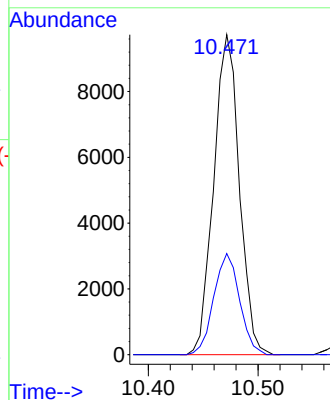
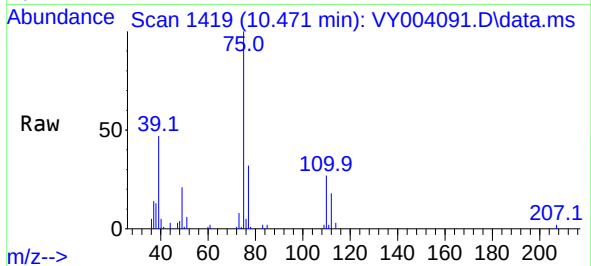
#53
t-1,3-Dichloropropene
Concen: 4.89 ug/l
RT: 10.471 min Scan# 1419
Delta R.T. 0.000 min
Lab File: VY004091.D
Acq: 16 Mar 2021 12:30

Tgt Ion: 75 Resp: 15810
Ion Ratio Lower Upper
75 100
77 31.6 24.5 36.7

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

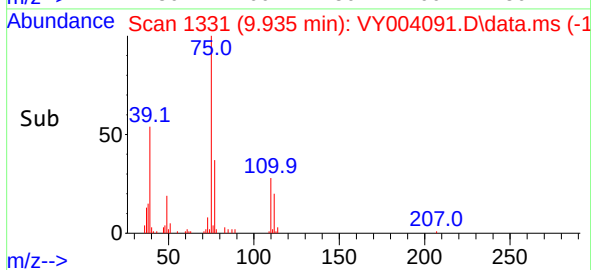
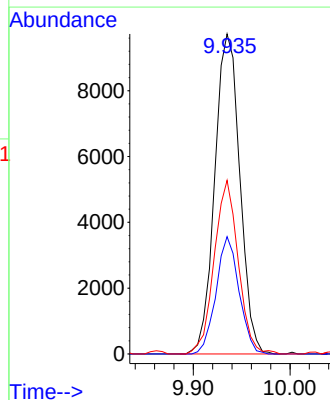
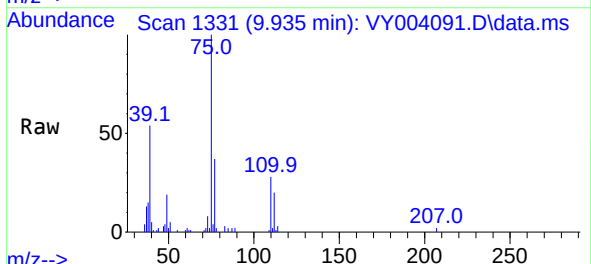
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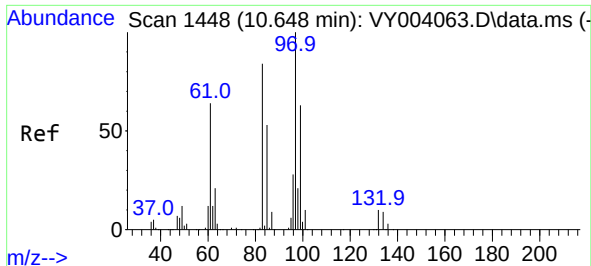
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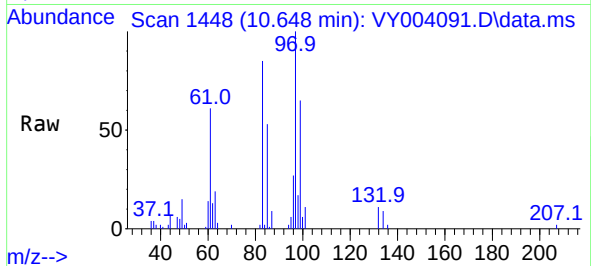
#54
cis-1,3-Dichloropropene
Concen: 4.83 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. -0.000 min
Lab File: VY004091.D
Acq: 16 Mar 2021 12:30

Tgt Ion: 75 Resp: 17501
Ion Ratio Lower Upper
75 100
77 36.7 24.2 36.4#
39 54.2 40.4 60.6

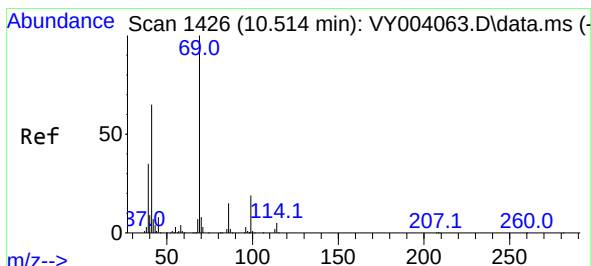
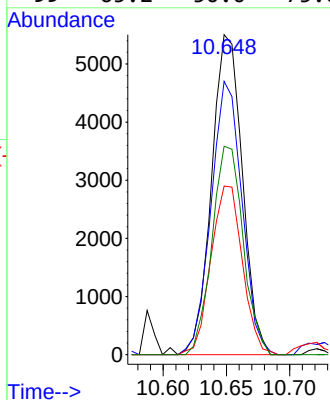
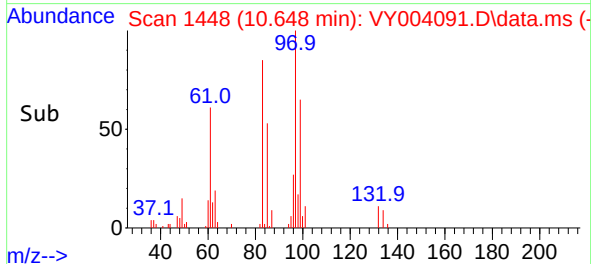




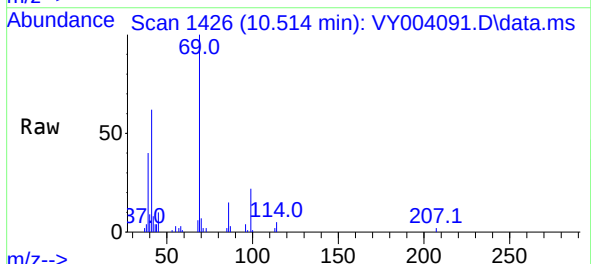
#55
1,1,2-Trichloroethane
Concen: 5.38 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY004091.D
Acq: 16 Mar 2021 12:30



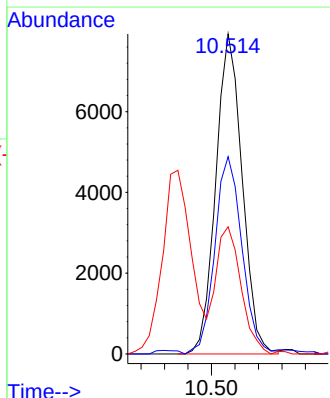
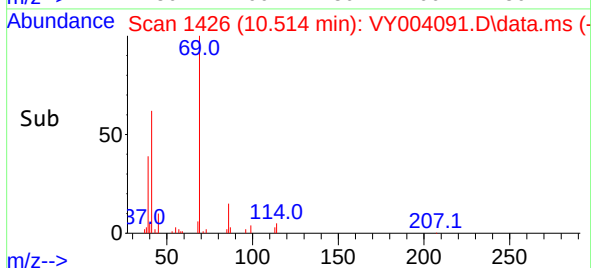
Tgt Ion:	97	Resp:	9288
Ion	Ratio	Lower	Upper
97	100		
83	85.4	69.4	104.0
85	52.7	43.4	65.0
99	65.2	50.0	75.0



#56
Ethyl methacrylate
Concen: 5.12 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VY004091.D
Acq: 16 Mar 2021 12:30



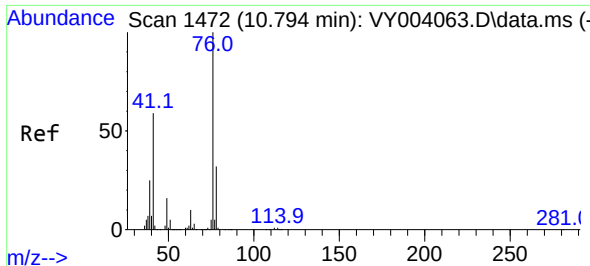
Tgt Ion:	69	Resp:	12357
Ion	Ratio	Lower	Upper
69	100		
41	64.6	57.2	85.8
39	38.1	27.8	41.6



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

Manual Integrations
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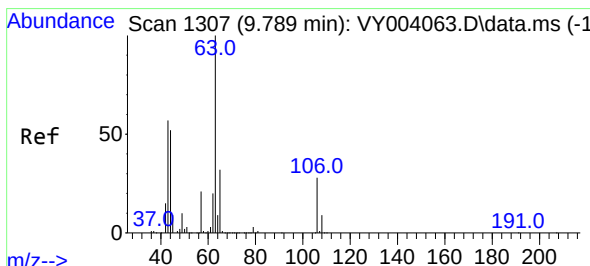
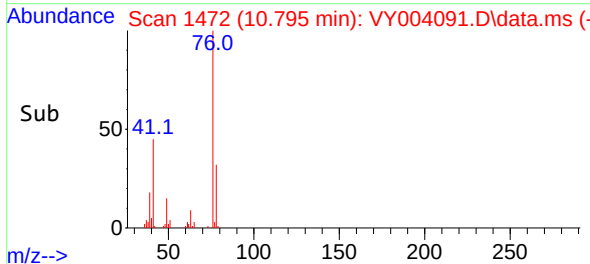
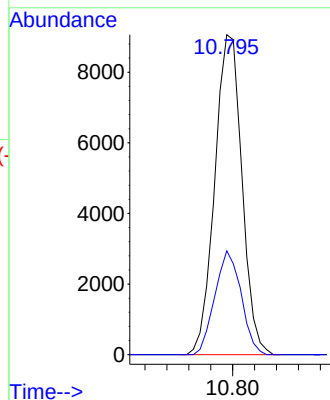
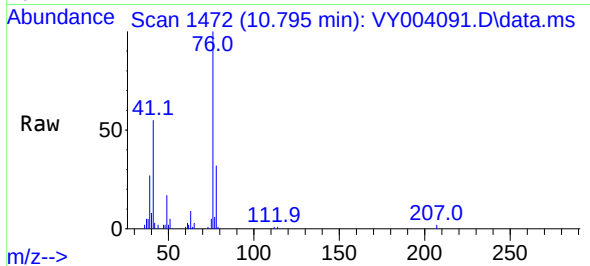
#57
1,3-Dichloropropane
Concen: 5.28 ug/l
RT: 10.795 min Scan# 1472
Delta R.T. 0.001 min
Lab File: VY004091.D
Acq: 16 Mar 2021 12:30

Tgt Ion: 76 Resp: 15607
Ion Ratio Lower Upper
76 100
78 31.3 25.5 38.3

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

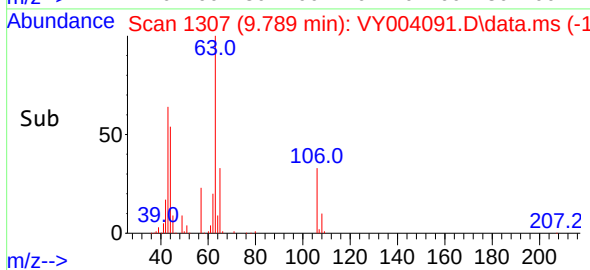
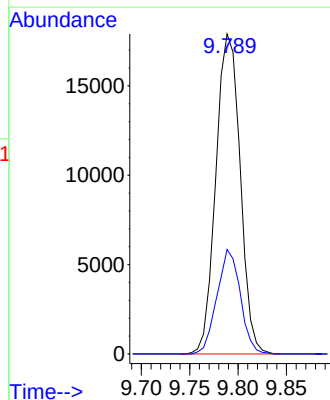
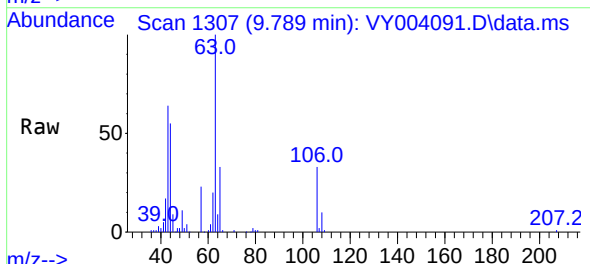
Manual Integrations
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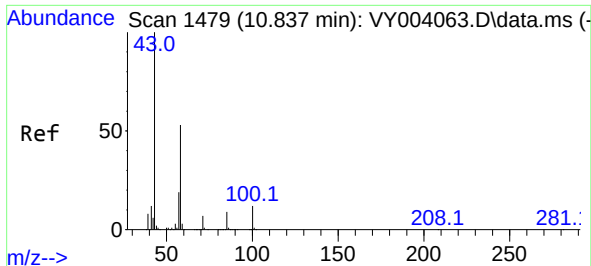
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#58
2-Chloroethyl Vinyl ether
Concen: 29.16 ug/l
RT: 9.789 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VY004091.D
Acq: 16 Mar 2021 12:30

Tgt Ion: 63 Resp: 31247
Ion Ratio Lower Upper
63 100
106 31.4 22.1 33.1





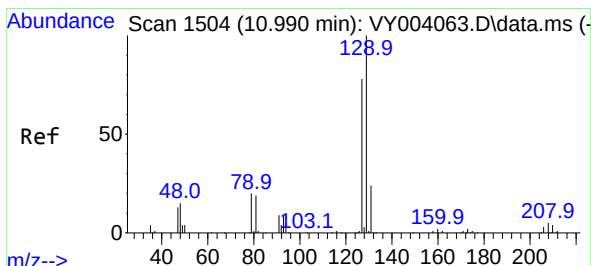
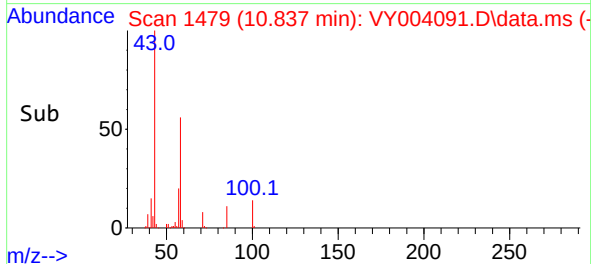
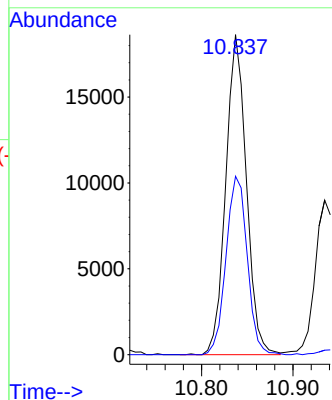
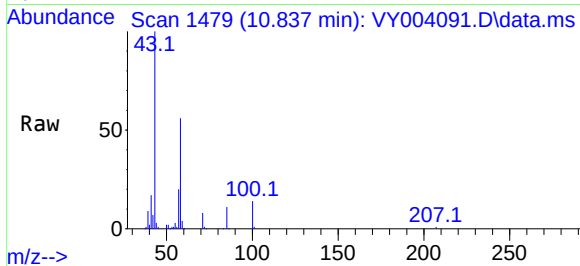
#59
2-Hexanone
Concen: 24.84 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY004091.D
Acq: 16 Mar 2021 12:30

Tgt Ion: 43 Resp: 29192
Ion Ratio Lower Upper
43 100
58 57.3 26.5 79.4

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

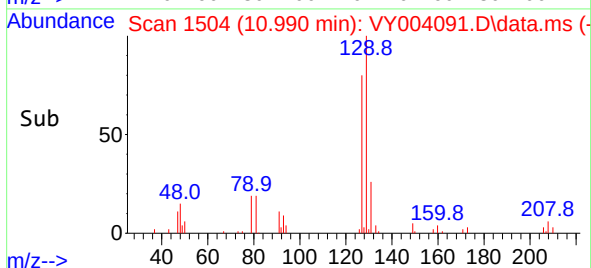
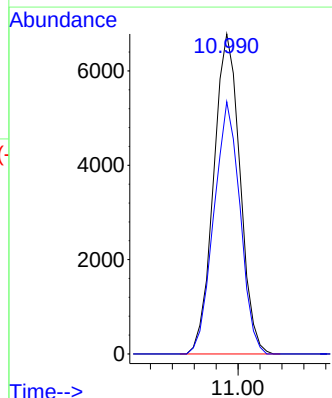
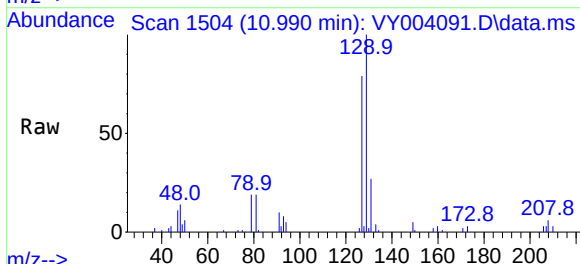
Manual Integrations
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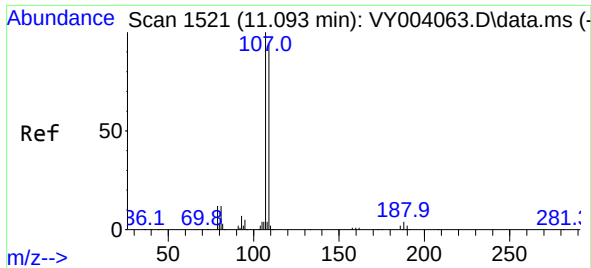
MMDadoda
3/17/2021 11:46:24 AM



#60
Dibromochloromethane
Concen: 5.22 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. -0.000 min
Lab File: VY004091.D
Acq: 16 Mar 2021 12:30

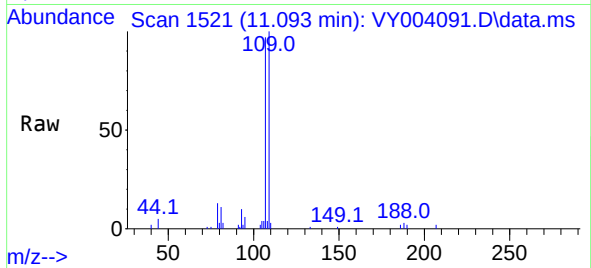
Tgt Ion: 129 Resp: 11314
Ion Ratio Lower Upper
129 100
127 78.3 39.0 117.0



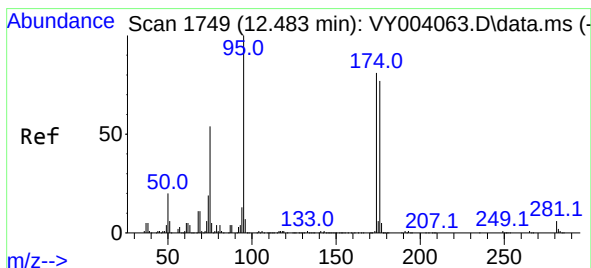
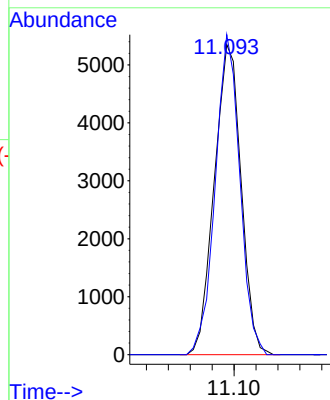
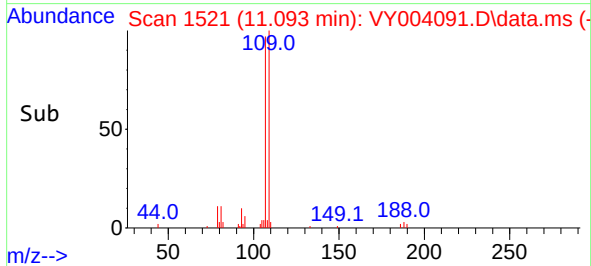


#61
1,2-Dibromoethane
Concen: 5.40 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY004091.D
Acq: 16 Mar 2021 12:30

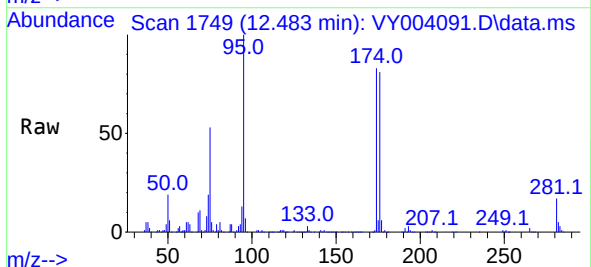
Instrument :
MSVOA_Y
ClientSampleId :
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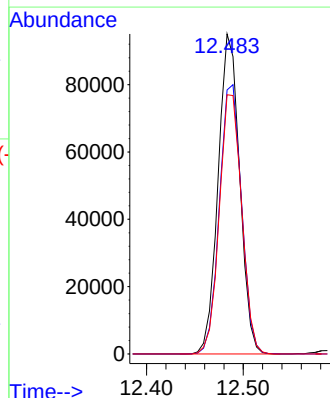
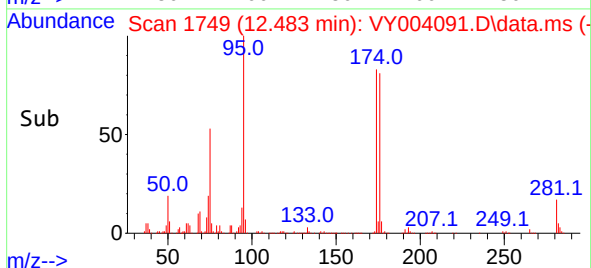
Tgt Ion:107 Resp: 9079
Ion Ratio Lower Upper
107 100
109 94.8 76.7 115.1

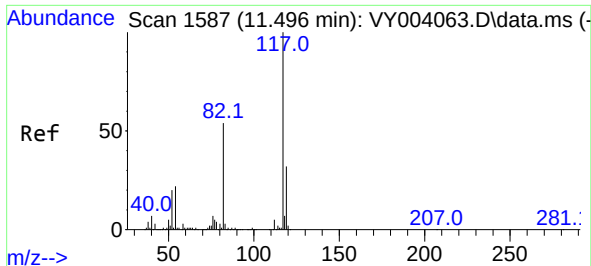


#62
4-Bromofluorobenzene
Concen: 51.62 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004091.D
Acq: 16 Mar 2021 12:30

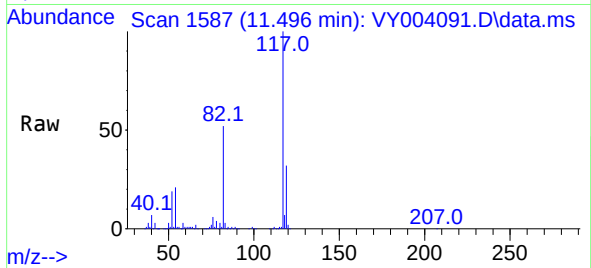


Tgt Ion: 95 Resp: 146562
Ion Ratio Lower Upper
95 100
174 86.4 0.0 179.0
176 84.4 0.0 174.4

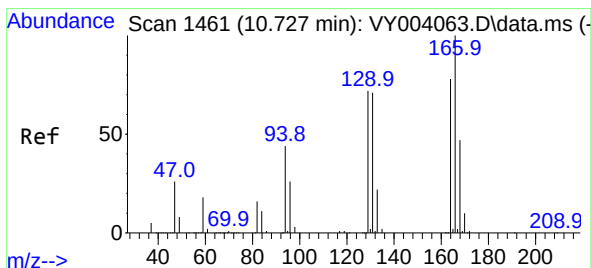
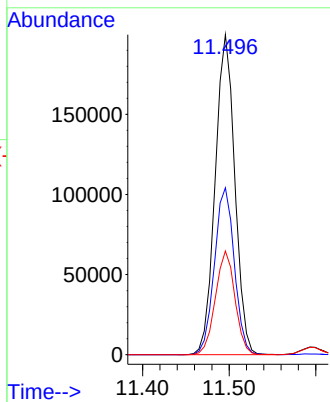
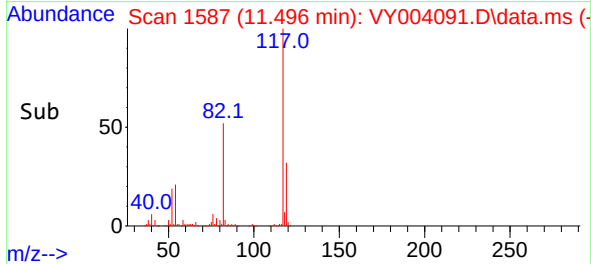




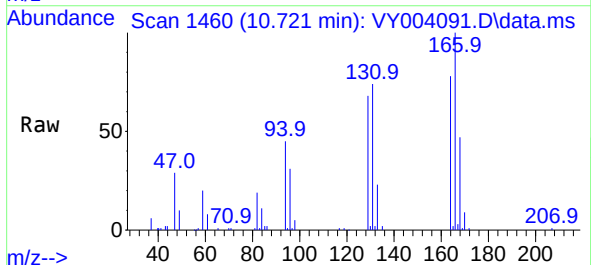
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004091.D
Acq: 16 Mar 2021 12:30



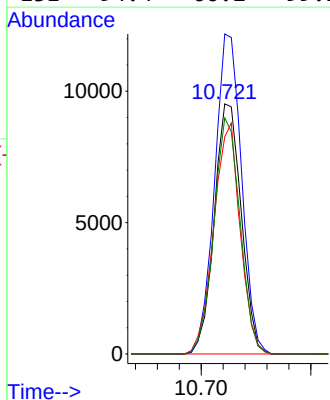
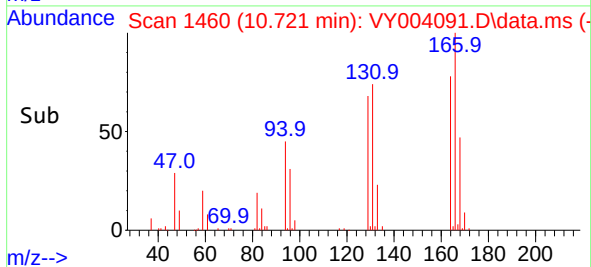
Tgt Ion:117 Resp: 314684
Ion Ratio Lower Upper
117 100
82 52.1 43.8 65.6
119 32.4 26.2 39.2



#64
Tetrachloroethene
Concen: 6.18 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VY004091.D
Acq: 16 Mar 2021 12:30



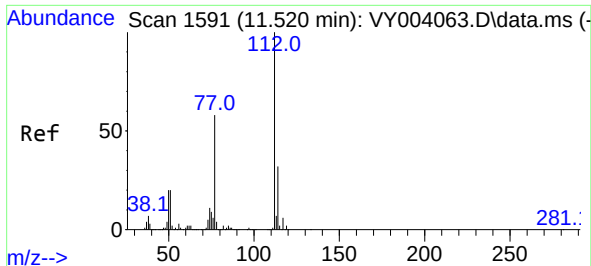
Tgt Ion:164 Resp: 16276
Ion Ratio Lower Upper
164 100
166 128.0 102.7 154.1
129 86.8 70.6 105.8
131 94.4 66.2 99.2



Instrument :
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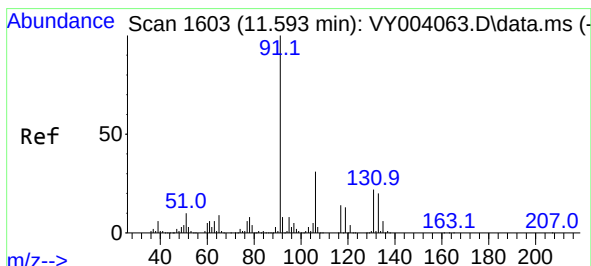
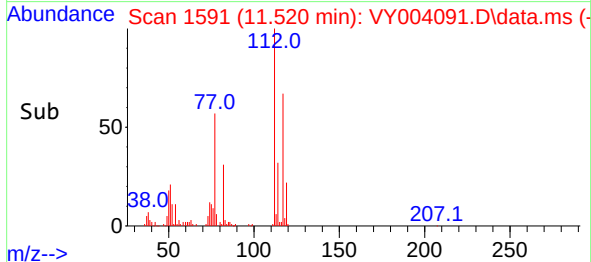
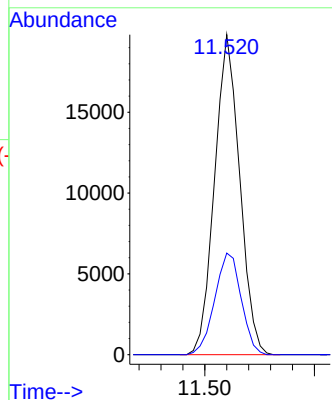
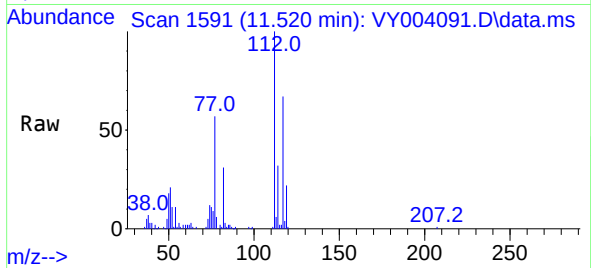
#65
Chlorobenzene
Concen: 5.22 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY004091.D
Acq: 16 Mar 2021 12:30

Tgt Ion:112 Resp: 31506
Ion Ratio Lower Upper
112 100
114 31.7 26.5 39.7

Instrument :
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ClientSampleId :
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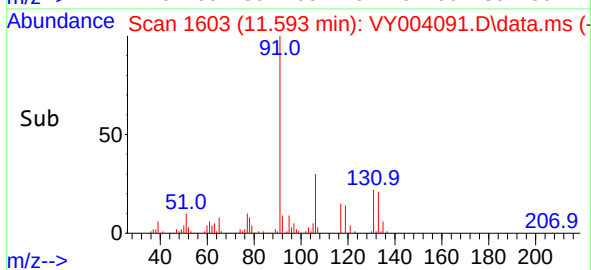
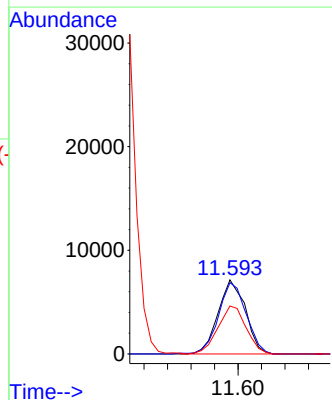
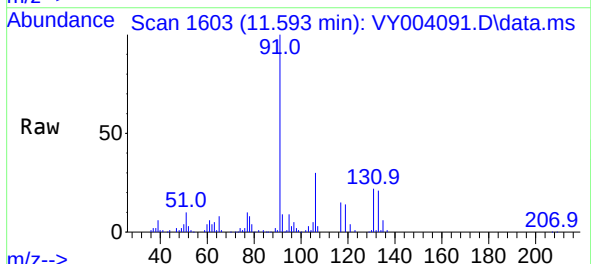
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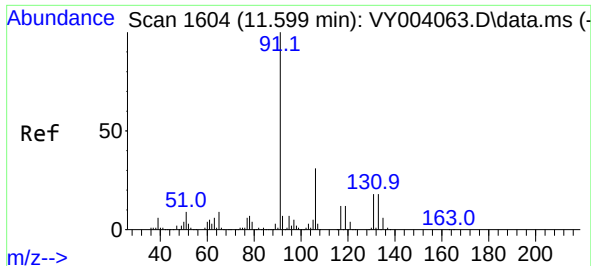
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#66
1,1,1,2-Tetrachloroethane
Concen: 5.12 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY004091.D
Acq: 16 Mar 2021 12:30

Tgt Ion:131 Resp: 11541
Ion Ratio Lower Upper
131 100
133 98.1 48.1 144.3
119 66.6 31.5 94.5





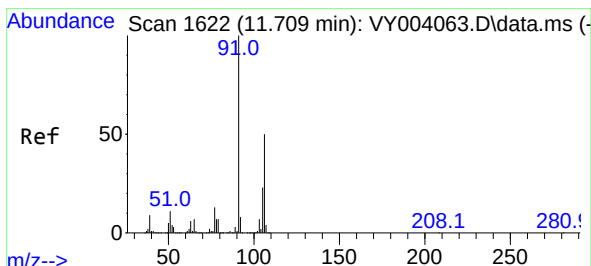
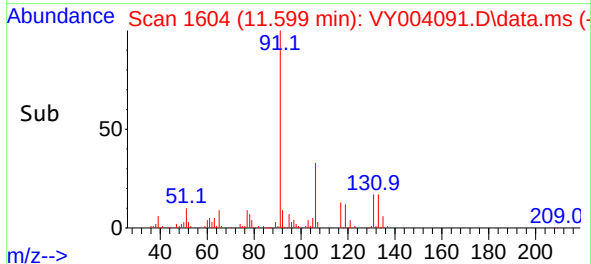
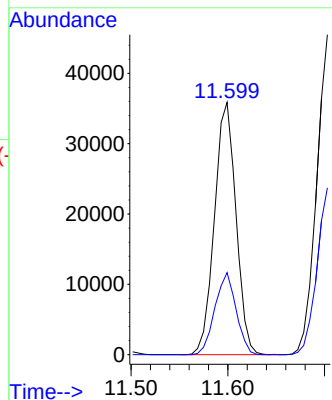
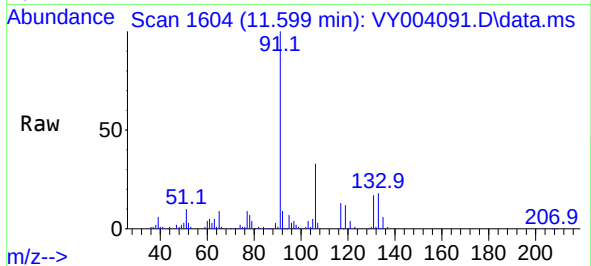
#67
Ethyl Benzene
Concen: 5.00 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY004091.D
Acq: 16 Mar 2021 12:30

Tgt Ion: 91 Resp: 55400
Ion Ratio Lower Upper
91 100
106 32.5 24.5 36.7

Instrument :
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ClientSampleId :
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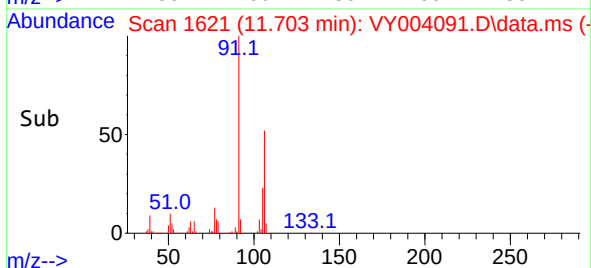
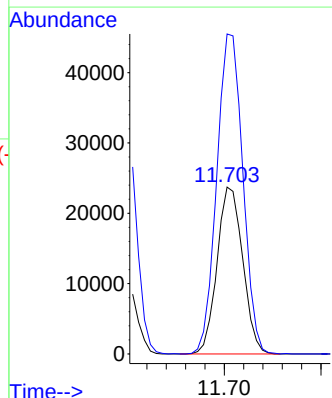
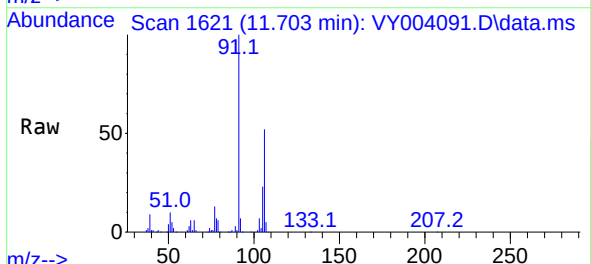
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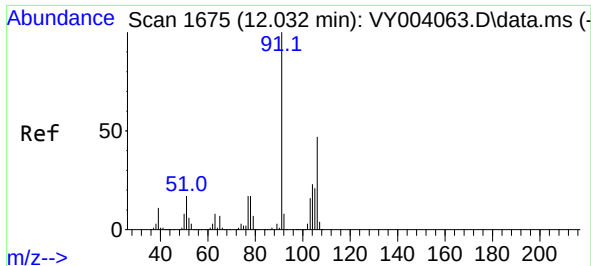
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#68
m/p-Xylenes
Concen: 10.33 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.006 min
Lab File: VY004091.D
Acq: 16 Mar 2021 12:30

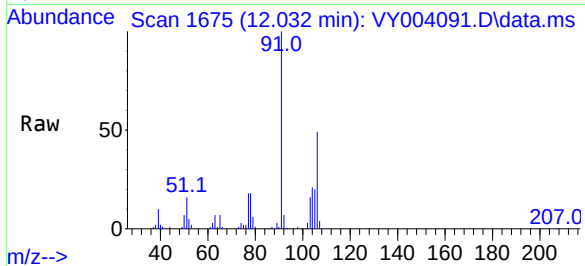
Tgt Ion: 106 Resp: 43609
Ion Ratio Lower Upper
106 100
91 195.3 165.4 248.0



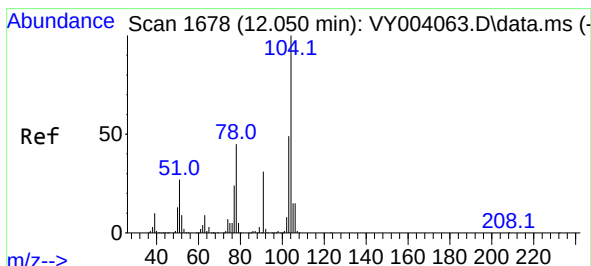
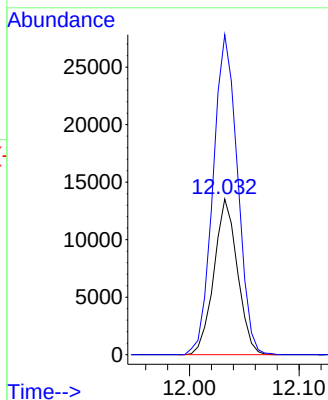
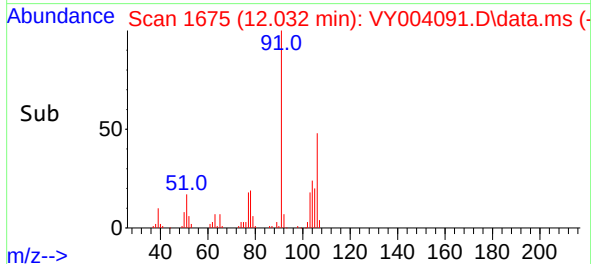


#69
o-Xylene
Concen: 5.05 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY004091.D
Acq: 16 Mar 2021 12:30

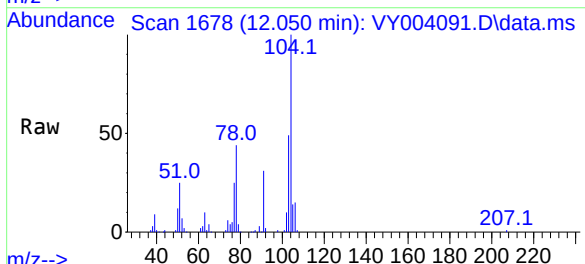
Instrument :
MSVOA_Y
ClientSampleId :
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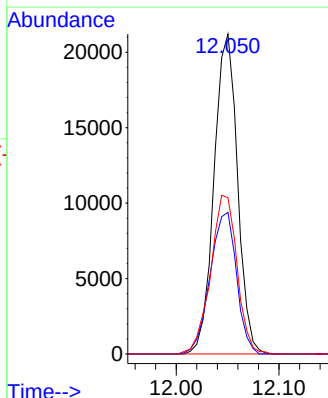
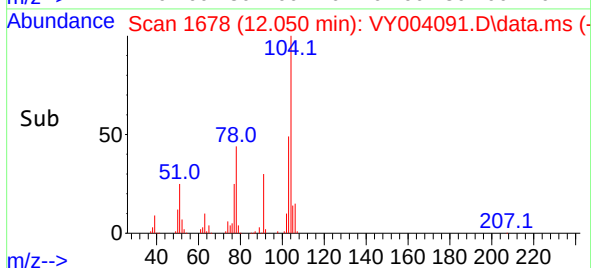
Tgt Ion:106 Resp: 20156
Ion Ratio Lower Upper
106 100
91 214.3 108.9 326.7

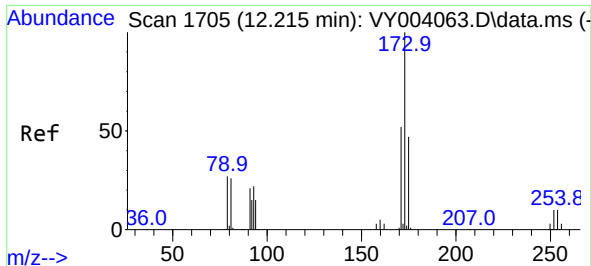


#70
Styrene
Concen: 4.91 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY004091.D
Acq: 16 Mar 2021 12:30



Tgt Ion:104 Resp: 33566
Ion Ratio Lower Upper
104 100
78 49.8 41.1 61.7
103 56.0 43.9 65.9





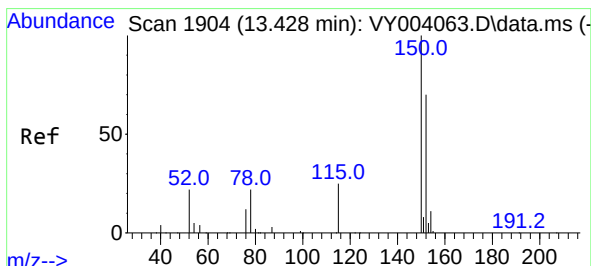
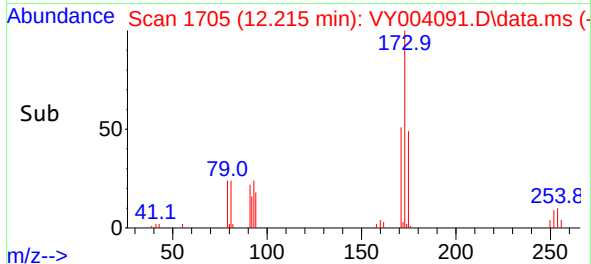
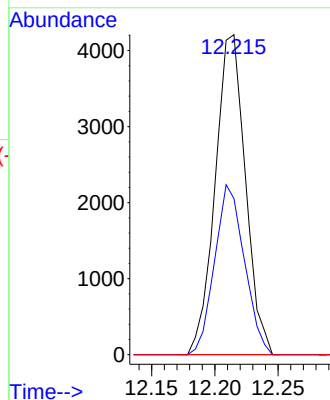
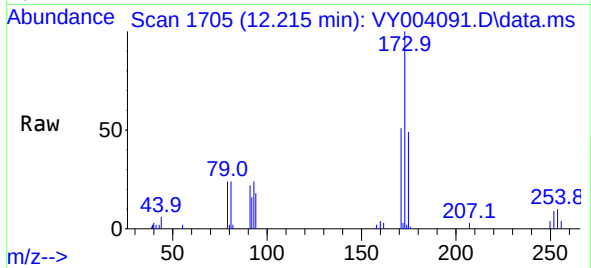
#71
Bromoform
Concen: 5.19 ug/l
RT: 12.215 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VY004091.D
Acq: 16 Mar 2021 12:30

Tgt Ion:173 Resp: 6999
Ion Ratio Lower Upper
173 100
175 52.2 24.1 72.4
254 0.0 0.1 0.1#

Instrument :
MSVOA_Y
ClientSampleId :
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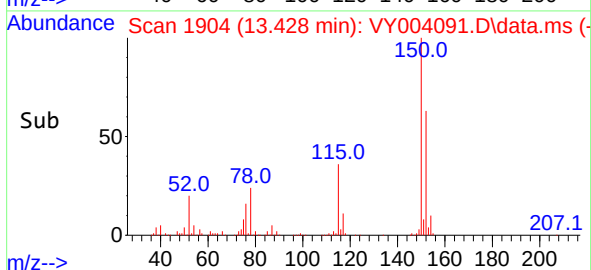
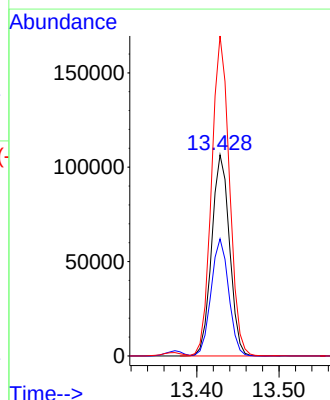
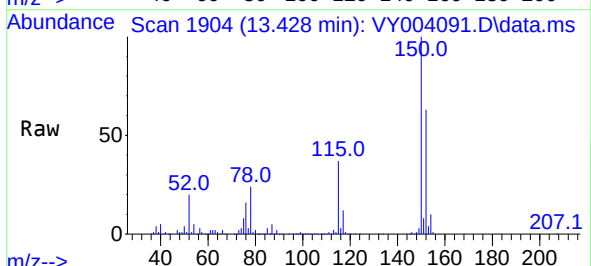
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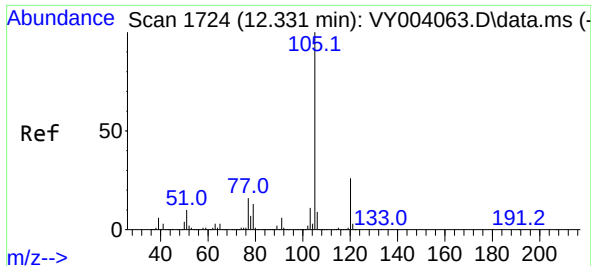
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004091.D
Acq: 16 Mar 2021 12:30

Tgt Ion:152 Resp: 160733
Ion Ratio Lower Upper
152 100
115 57.5 28.2 84.6
150 158.8 0.0 347.2





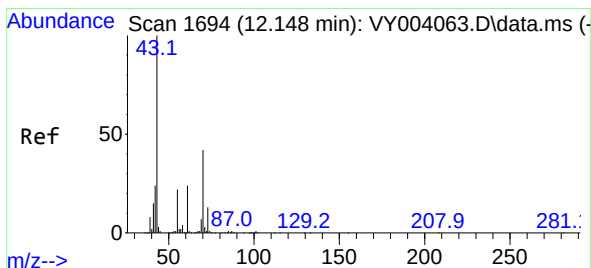
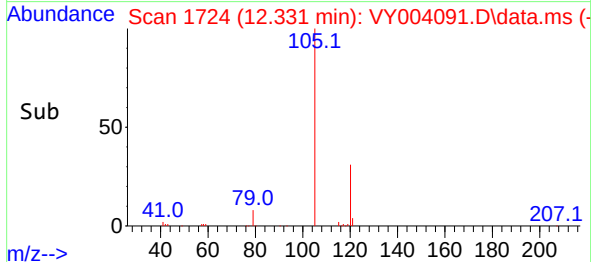
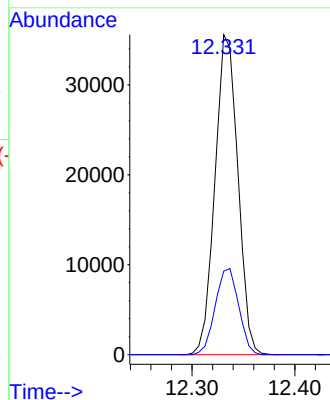
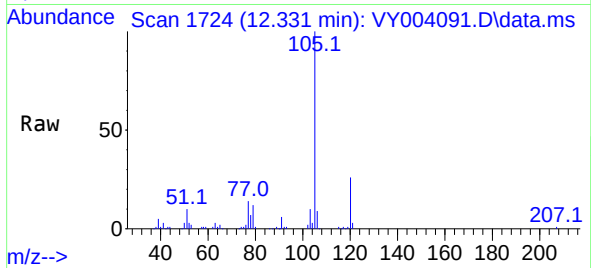
#73
Isopropylbenzene
Concen: 4.93 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY004091.D
Acq: 16 Mar 2021 12:30

Tgt Ion: 105 Resp: 55070
Ion Ratio Lower Upper
105 100
120 27.5 13.3 39.9

Instrument :
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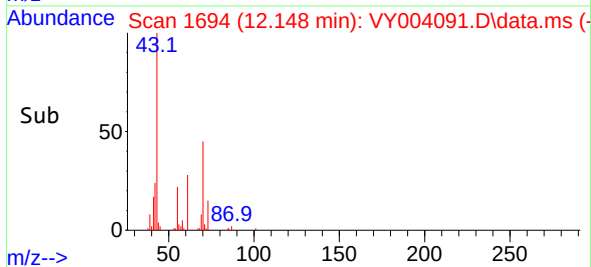
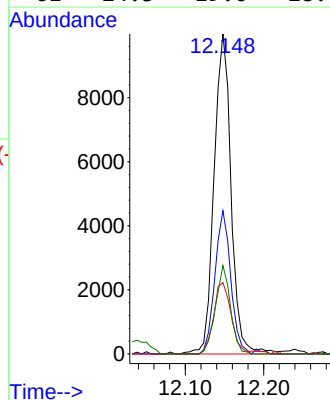
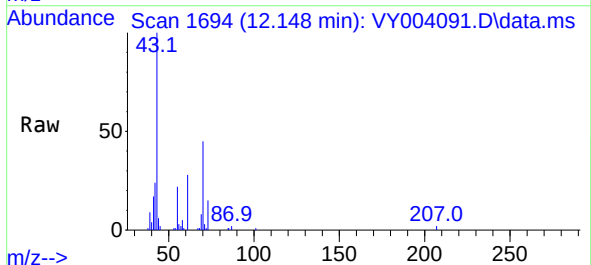
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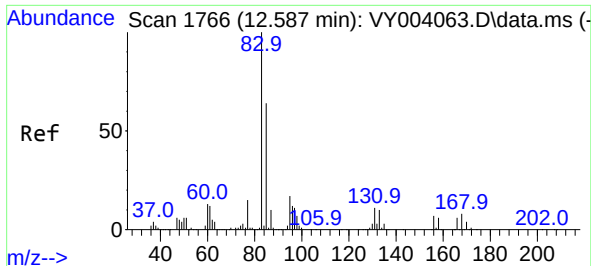
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#74
N-ethyl acetate
Concen: 4.72 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VY004091.D
Acq: 16 Mar 2021 12:30

Tgt Ion: 43 Resp: 15096
Ion Ratio Lower Upper
43 100
70 41.5 32.3 48.5
55 23.5 18.4 27.6
61 24.3 19.0 28.4





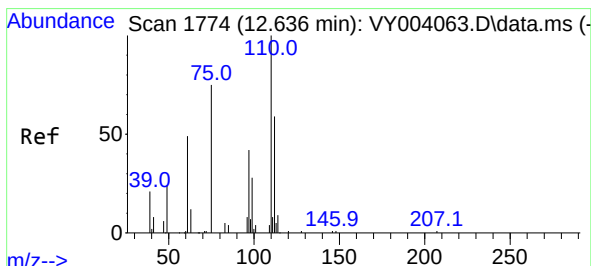
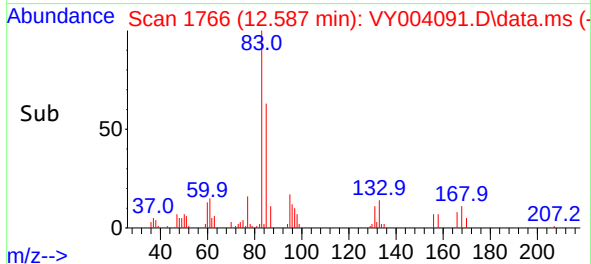
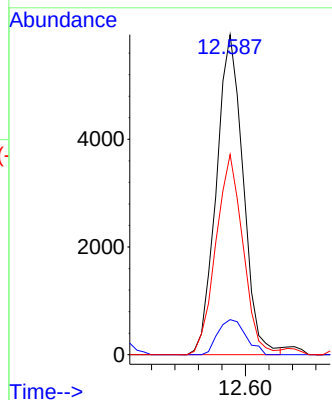
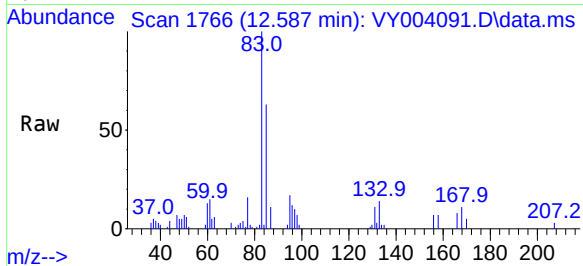
#75
1,1,2,2-Tetrachloroethane
Concen: 4.85 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. -0.000 min
Lab File: VY004091.D
Acq: 16 Mar 2021 12:30

Tgt Ion: 83 Resp: 9420
Ion Ratio Lower Upper
83 100
131 11.5 5.5 16.4
85 63.1 31.6 95.0

Instrument :
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ClientSampleId :
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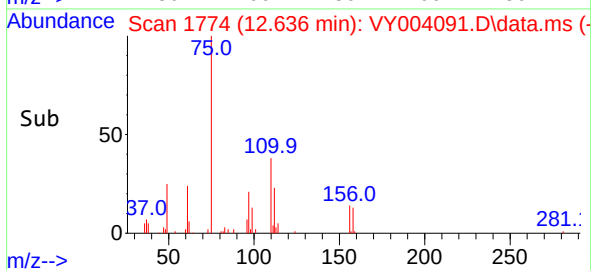
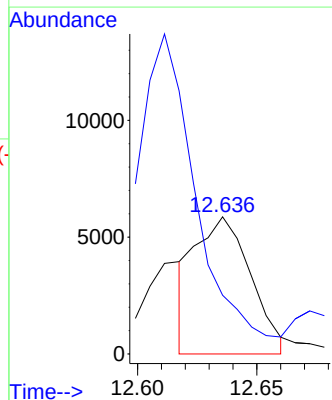
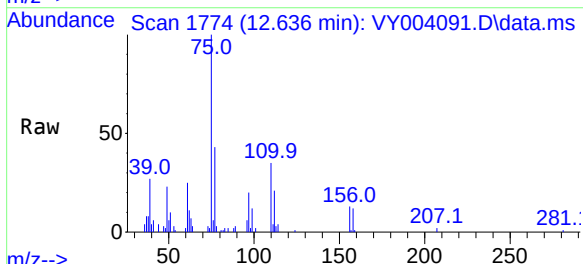
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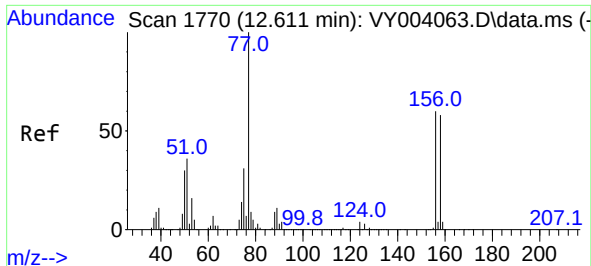
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#76
1,2,3-Trichloropropane
Concen: 6.19 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY004091.D
Acq: 16 Mar 2021 12:30

Tgt Ion: 75 Resp: 9534
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





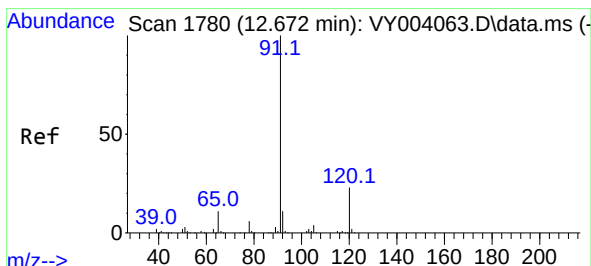
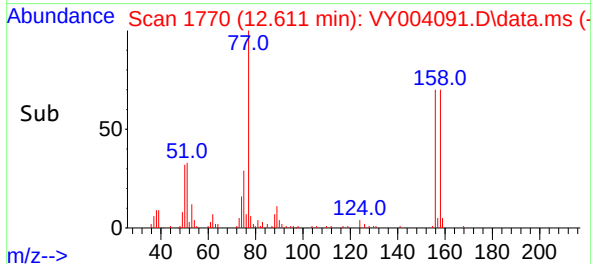
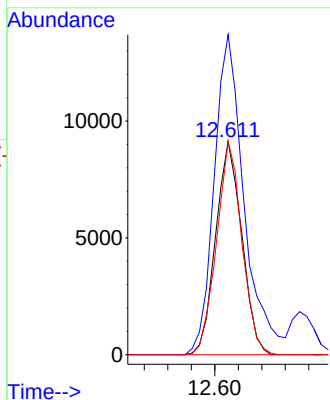
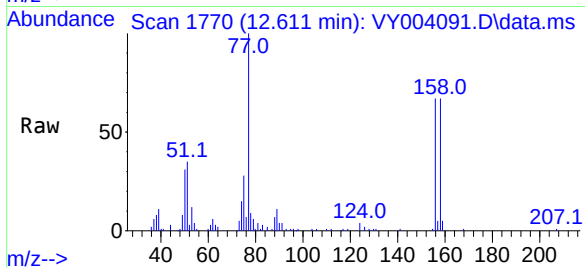
#77
Bromobenzene
Concen: 5.45 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY004091.D
Acq: 16 Mar 2021 12:30

Tgt Ion: 156 Resp: 14059
Ion Ratio Lower Upper
156 100
77 172.5 90.5 271.3
158 97.5 48.9 146.6

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

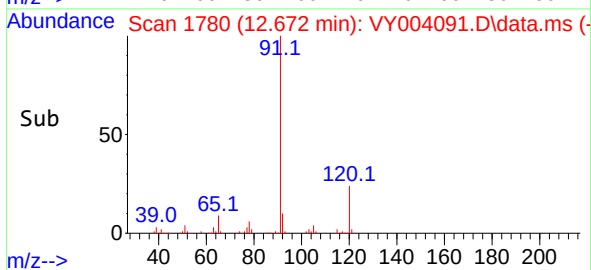
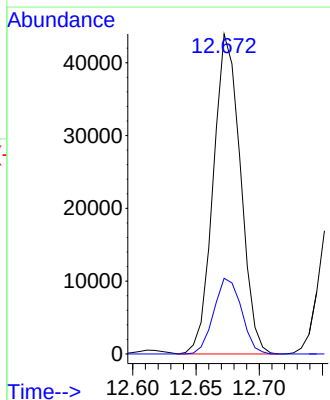
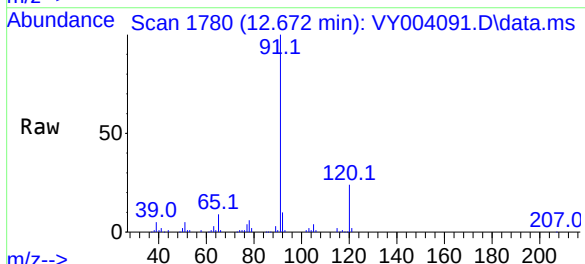
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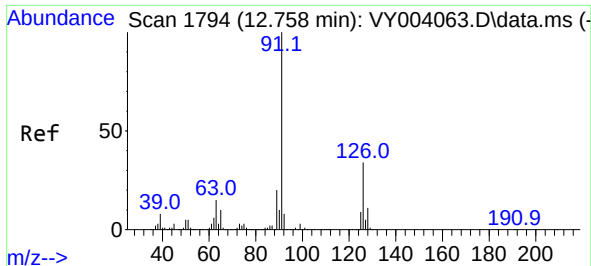
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#78
n-propylbenzene
Concen: 4.98 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY004091.D
Acq: 16 Mar 2021 12:30

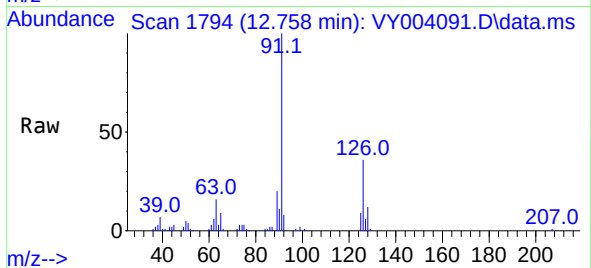
Tgt Ion: 91 Resp: 65527
Ion Ratio Lower Upper
91 100
120 24.1 11.3 33.9





#79
2-Chlorotoluene
Concen: 5.02 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY004091.D
Acq: 16 Mar 2021 12:30

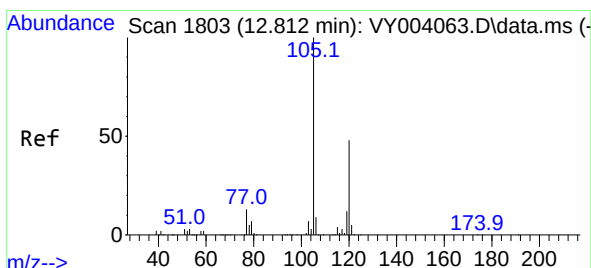
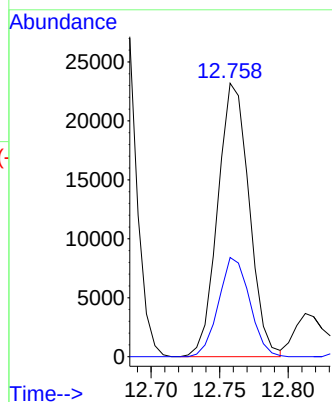
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2021



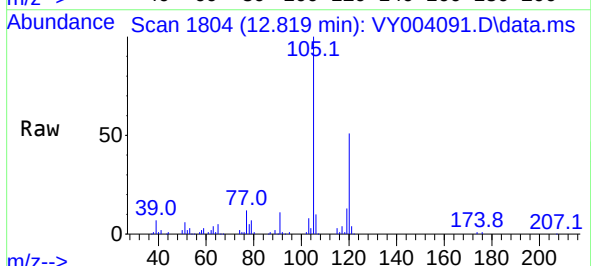
Tgt Ion: 91 Resp: 37090
Ion Ratio Lower Upper
91 100
126 35.7 17.0 51.0

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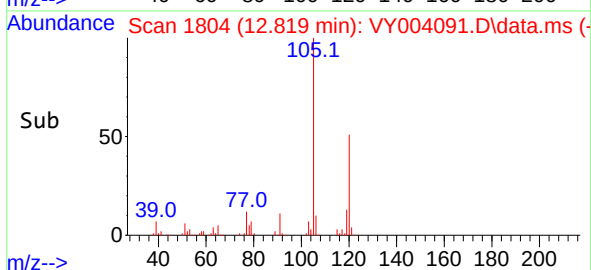
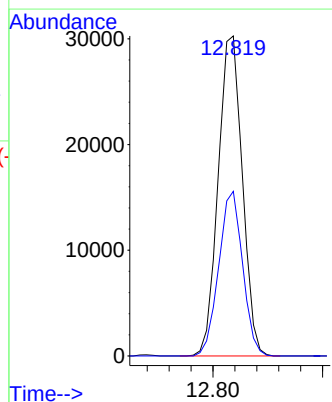
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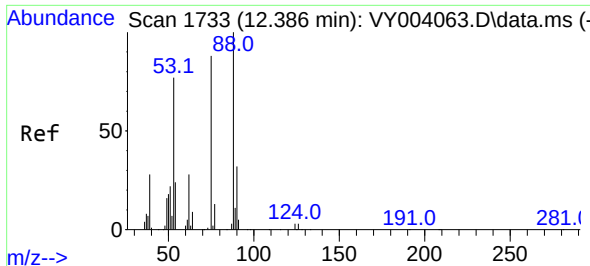


#80
1,3,5-Trimethylbenzene
Concen: 4.90 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.007 min
Lab File: VY004091.D
Acq: 16 Mar 2021 12:30



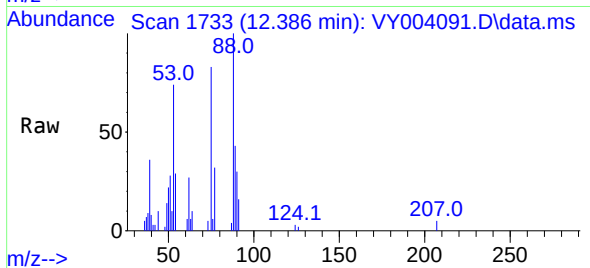
Tgt Ion: 105 Resp: 46389
Ion Ratio Lower Upper
105 100
120 50.8 24.1 72.2





#81
trans-1,4-Dichloro-2-butene
Concen: 4.75 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. -0.000 min
Lab File: VY004091.D
Acq: 16 Mar 2021 12:30

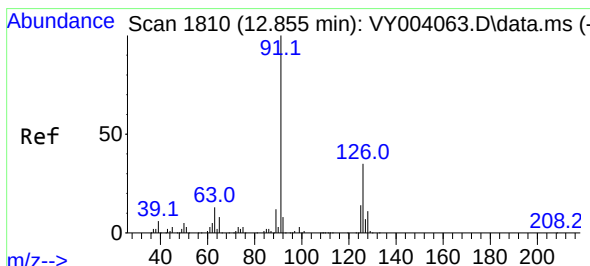
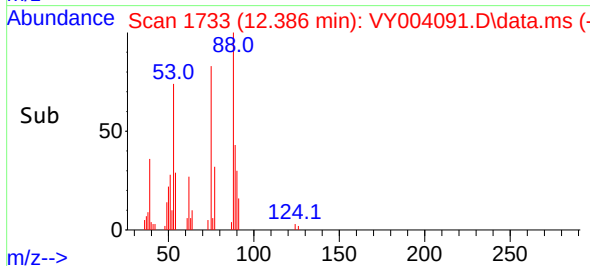
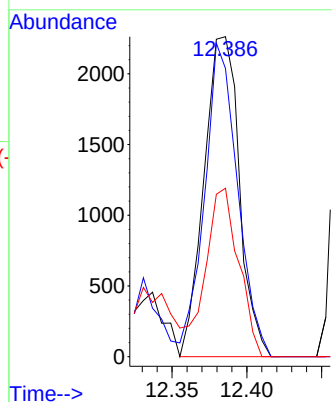
Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion: 75 Resp: 3709
Ion Ratio Lower Upper
75 100
53 91.5 73.5 110.3
89 49.7 35.7 53.5

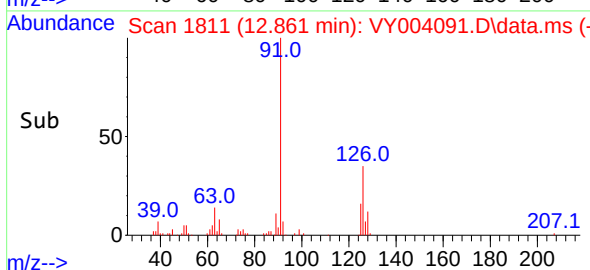
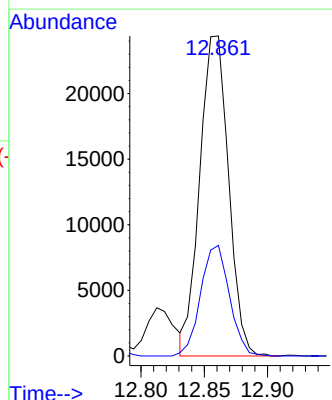
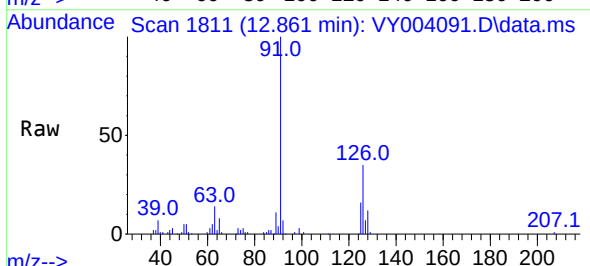
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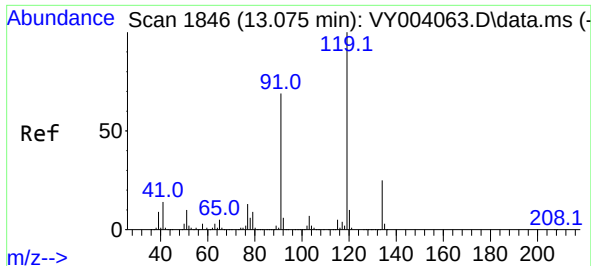
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#82
4-Chlorotoluene
Concen: 4.94 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VY004091.D
Acq: 16 Mar 2021 12:30

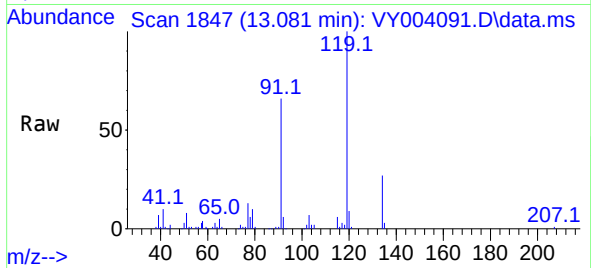
Tgt Ion: 91 Resp: 38644
Ion Ratio Lower Upper
91 100
126 34.6 16.8 50.4





#83
tert-Butylbenzene
Concen: 5.01 ug/l
RT: 13.081 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VY004091.D
Acq: 16 Mar 2021 12:30

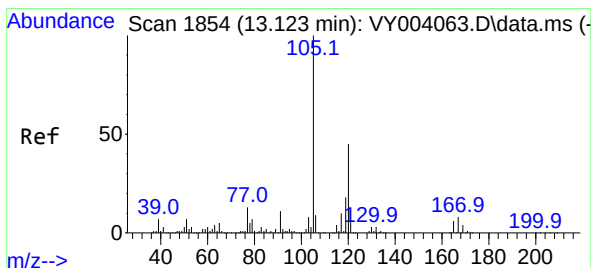
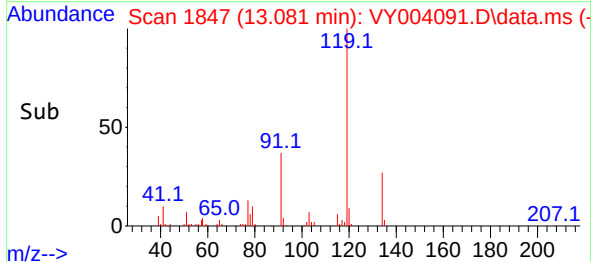
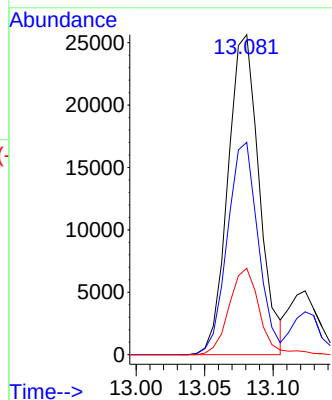
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2021



Tgt Ion:119 Resp: 40871
Ion Ratio Lower Upper
119 100
91 65.3 33.0 99.0
134 26.3 12.9 38.7

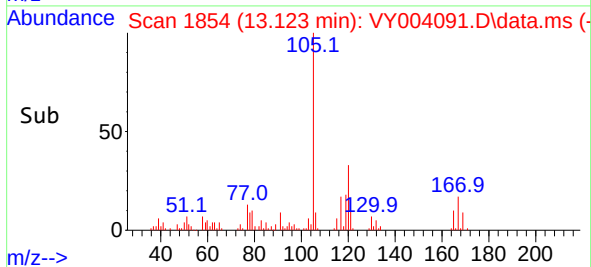
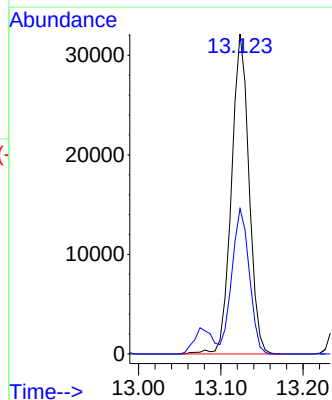
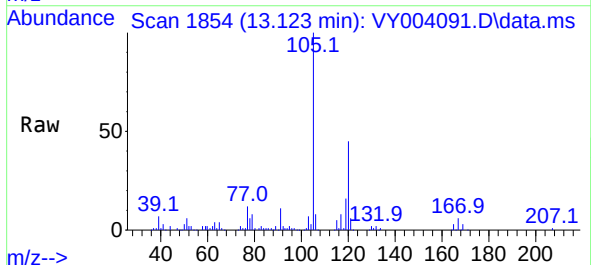
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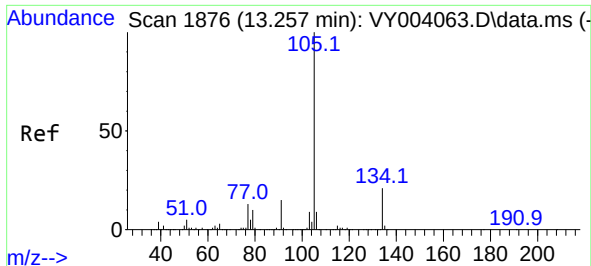
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#84
1,2,4-Trimethylbenzene
Concen: 5.01 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY004091.D
Acq: 16 Mar 2021 12:30

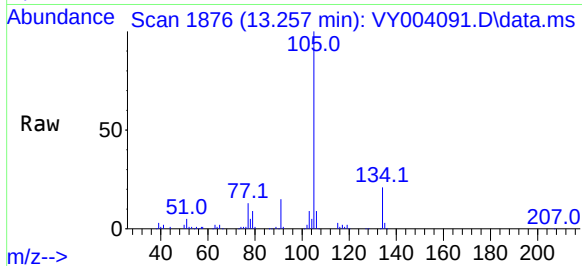
Tgt Ion:105 Resp: 47539
Ion Ratio Lower Upper
105 100
120 45.0 22.1 66.3



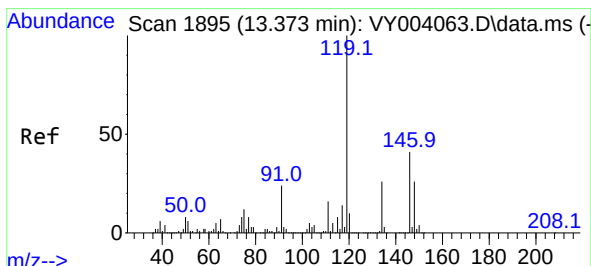
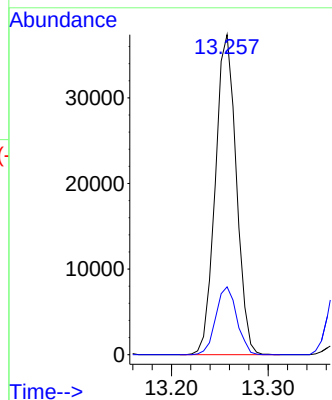
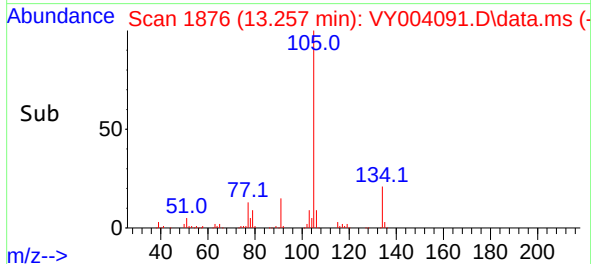


#85
sec-Butylbenzene
Concen: 5.01 ug/l
RT: 13.257 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VY004091.D
Acq: 16 Mar 2021 12:30

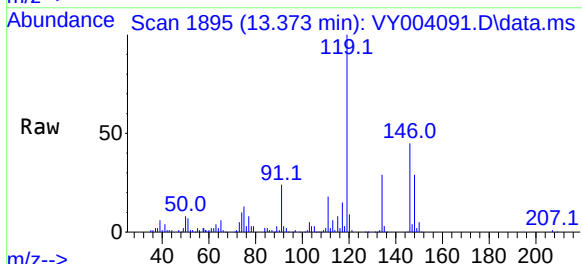
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2021



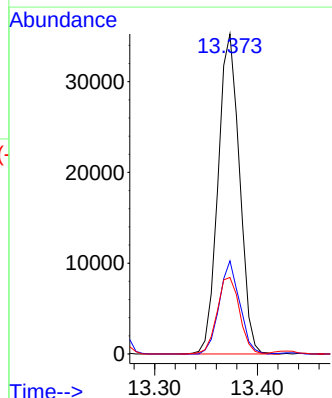
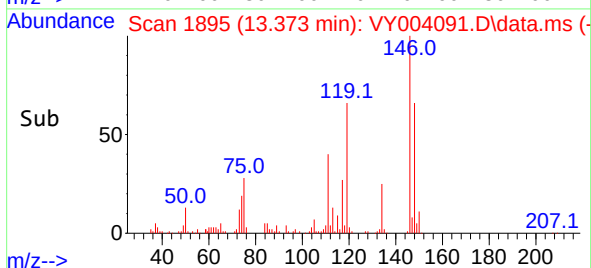
Tgt Ion:105 Resp: 56295
Ion Ratio Lower Upper
105 100
134 21.2 10.2 30.4

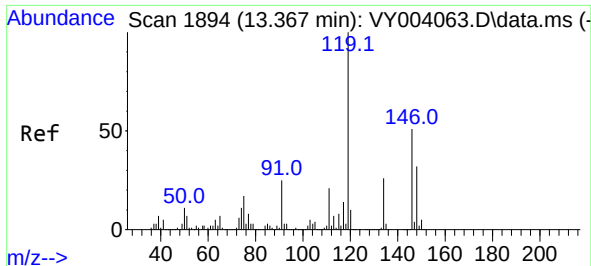


#86
p-Isopropyltoluene
Concen: 4.90 ug/l
RT: 13.373 min Scan# 1895
Delta R.T. 0.000 min
Lab File: VY004091.D
Acq: 16 Mar 2021 12:30

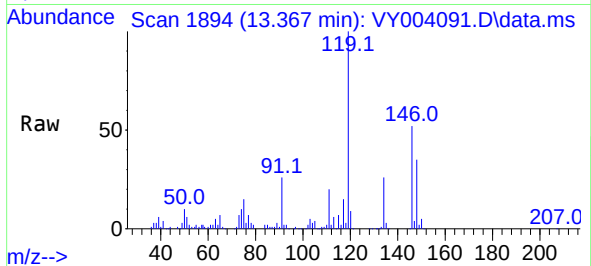


Tgt Ion:119 Resp: 51026
Ion Ratio Lower Upper
119 100
134 27.7 13.2 39.5
91 25.2 12.1 36.3

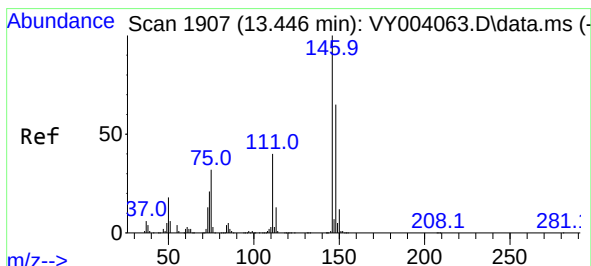
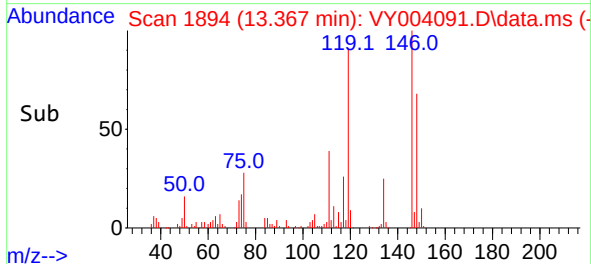
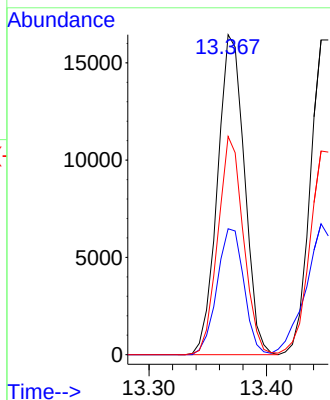




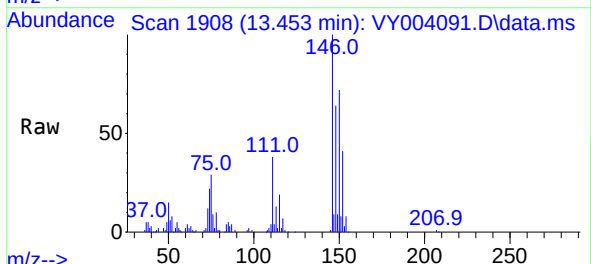
#87
1,3-Dichlorobenzene
Concen: 5.26 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY004091.D
Acq: 16 Mar 2021 12:30



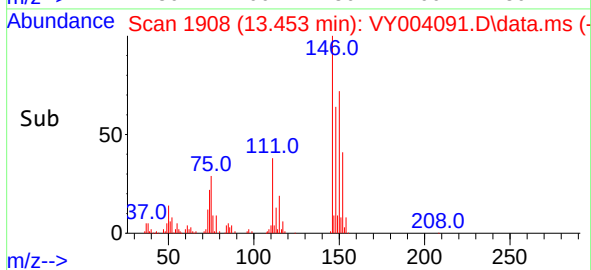
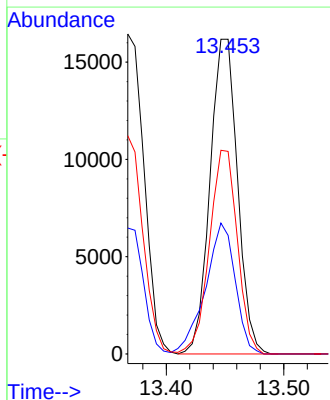
Tgt Ion:146 Resp: 26201
Ion Ratio Lower Upper
146 100
111 39.3 18.9 56.7
148 64.7 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 5.29 ug/l
RT: 13.453 min Scan# 1908
Delta R.T. 0.007 min
Lab File: VY004091.D
Acq: 16 Mar 2021 12:30



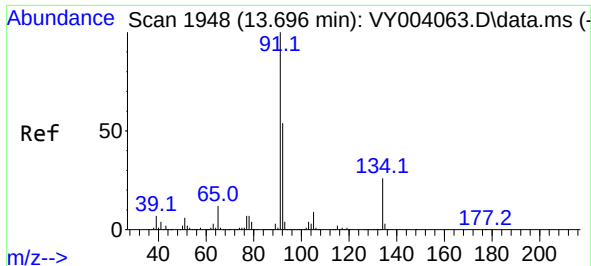
Tgt Ion:146 Resp: 26304
Ion Ratio Lower Upper
146 100
111 45.2 18.6 55.8
148 65.7 31.8 95.4



Instrument :
MSVOA_Y
ClientSampleId :
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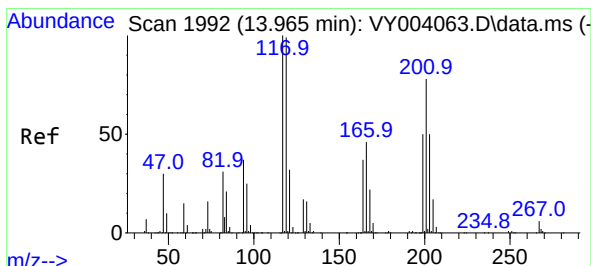
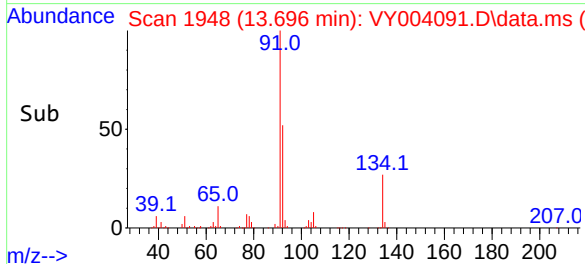
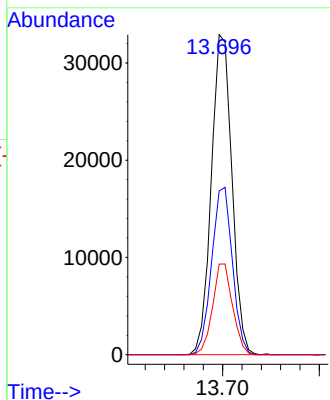
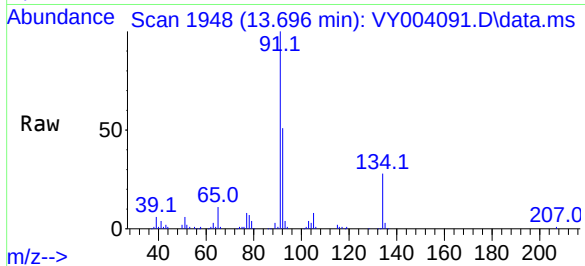
#89
n-Butylbenzene
Concen: 4.91 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY004091.D
Acq: 16 Mar 2021 12:30

Tgt Ion: 91	Resp: 48708
Ion Ratio	Lower Upper
91 100	
92 52.6	26.5 79.4
134 27.5	13.2 39.5

Instrument :
MSVOA_Y
ClientSampleId :
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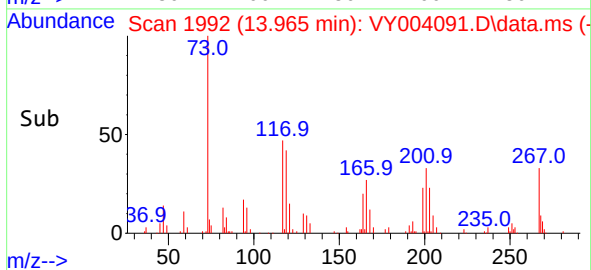
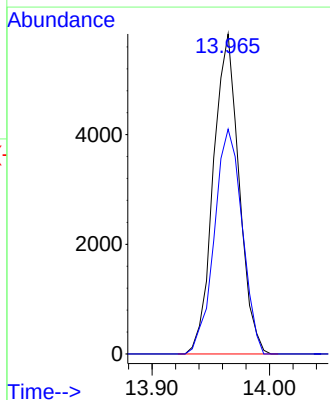
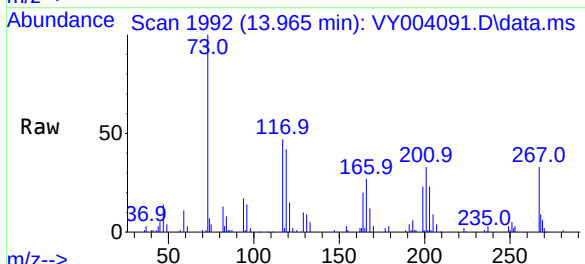
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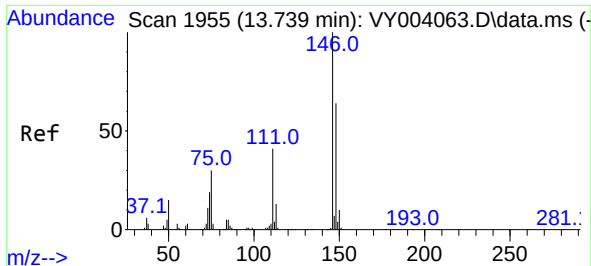
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#90
Hexachloroethane
Concen: 4.75 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. -0.000 min
Lab File: VY004091.D
Acq: 16 Mar 2021 12:30

Tgt Ion:117	Resp:	8887	
Ion	Ratio	Lower	Upper
117	100		
201	76.1	46.0	138.0





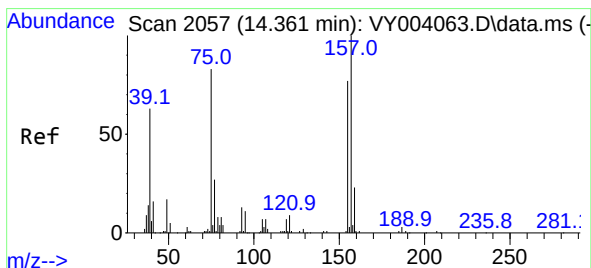
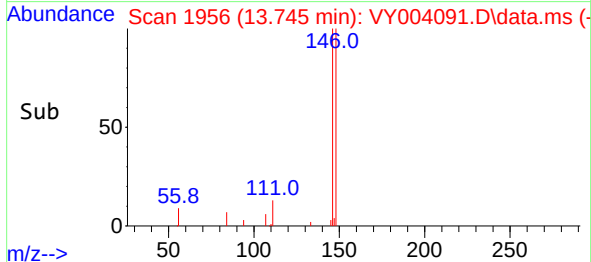
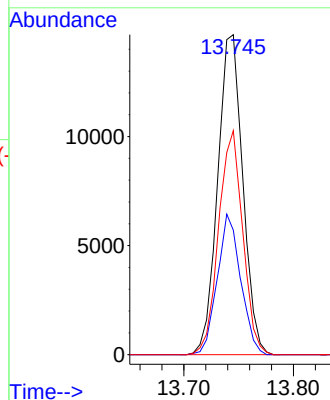
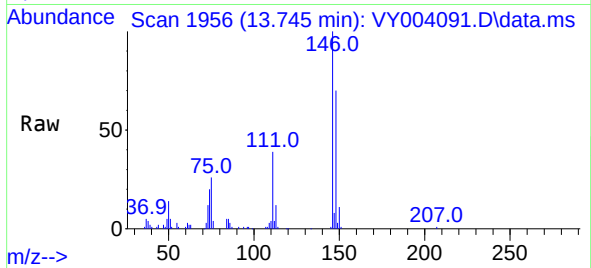
#91
1,2-Dichlorobenzene
Concen: 5.28 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. 0.006 min
Lab File: VY004091.D
Acq: 16 Mar 2021 12:30

Tgt Ion: 146 Resp: 23346
Ion Ratio Lower Upper
146 100
111 41.0 19.6 58.8
148 67.3 31.9 95.7

Instrument :
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ClientSampleId :
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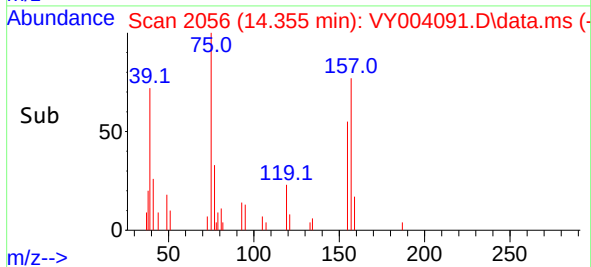
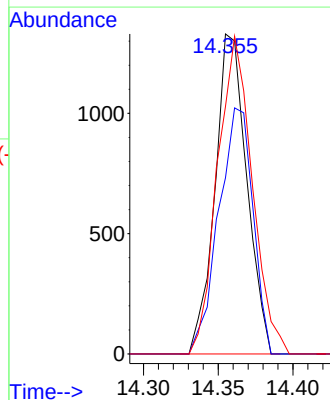
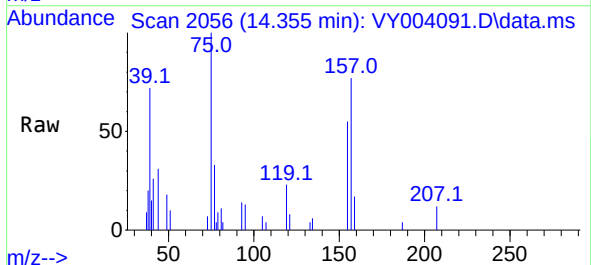
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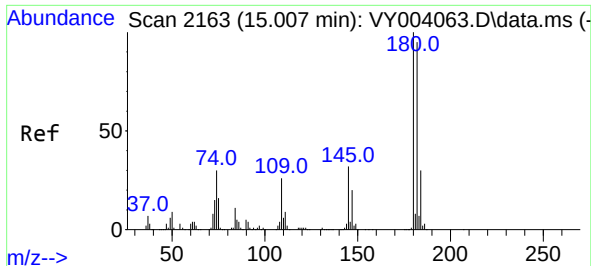
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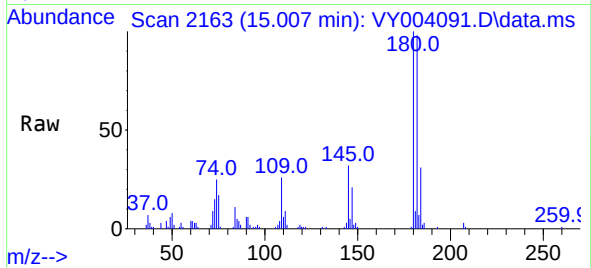
#92
1,2-Dibromo-3-Chloropropane
Concen: 5.36 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.006 min
Lab File: VY004091.D
Acq: 16 Mar 2021 12:30

Tgt Ion: 75 Resp: 1965
Ion Ratio Lower Upper
75 100
155 82.7 42.8 128.4
157 108.3 52.4 157.3

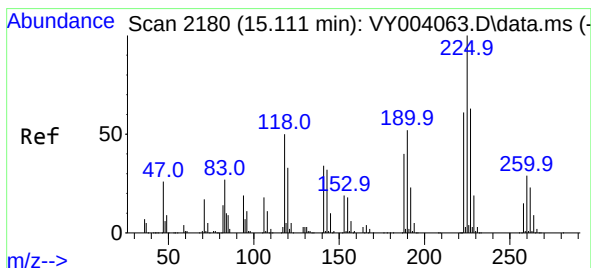
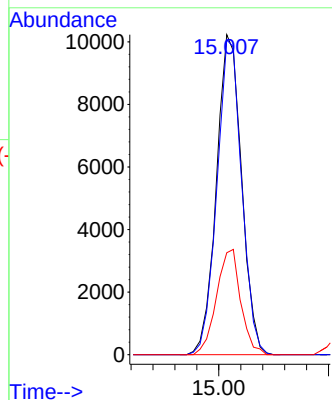
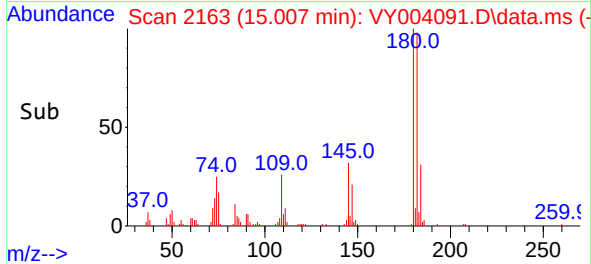




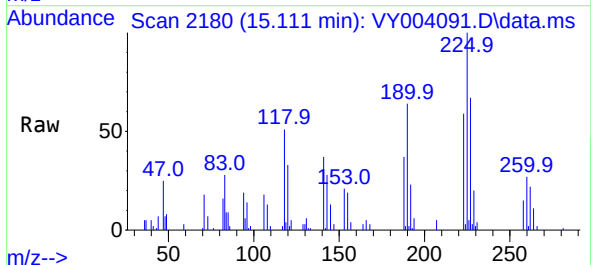
#93
1,2,4-Trichlorobenzene
Concen: 5.43 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY004091.D
Acq: 16 Mar 2021 12:30



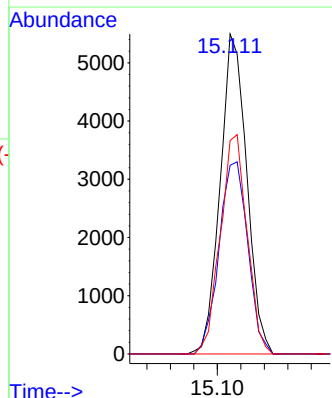
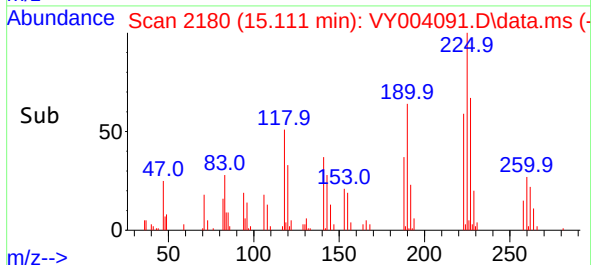
Tgt Ion:180 Resp: 16268
Ion Ratio Lower Upper
180 100
182 96.9 48.0 144.0
145 31.7 14.1 42.2



#94
Hexachlorobutadiene
Concen: 5.14 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY004091.D
Acq: 16 Mar 2021 12:30



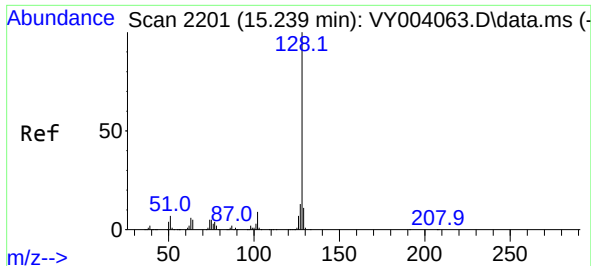
Tgt Ion:225 Resp: 8638
Ion Ratio Lower Upper
225 100
223 64.9 31.5 94.5
227 68.9 32.1 96.3



Instrument :
MSVOA_Y
ClientSampleId :
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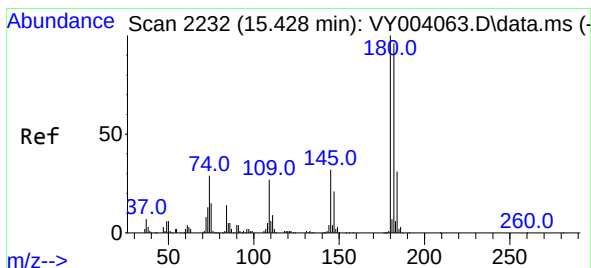
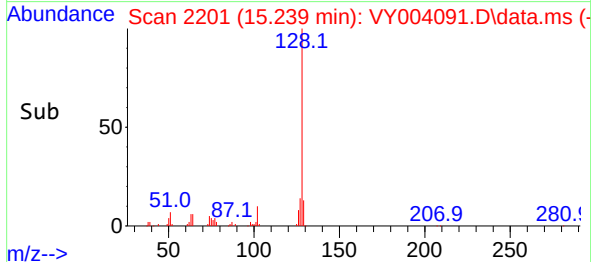
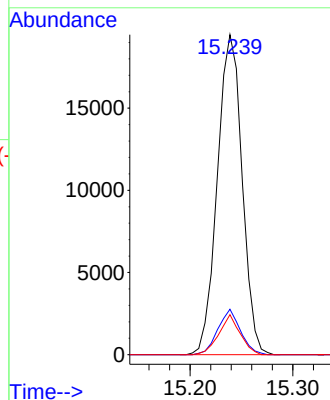
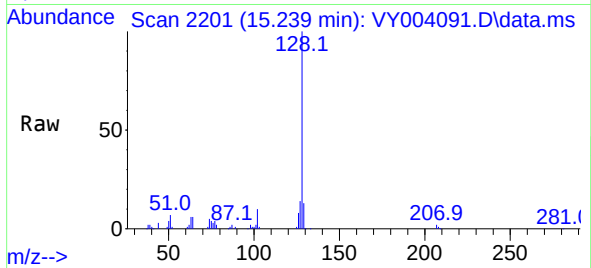
#95
Naphthalene
Concen: 5.49 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY004091.D
Acq: 16 Mar 2021 12:30

Tgt Ion:	128	Resp:	32584
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.6	16.0
129	10.8	8.7	13.1

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

Manual Integrations
APPROVED

MMDadoda
3/17/2021 11:46:24 AM



#96
1,2,3-Trichlorobenzene
Concen: 5.53 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY004091.D
Acq: 16 Mar 2021 12:30

Tgt Ion:	180	Resp:	13928
Ion Ratio	Lower	Upper	
180	100		
182	96.4	47.6	142.8
145	34.1	15.3	45.9

