

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031721\
 Data File : VY004100.D
 Acq On : 17 Mar 2021 13:59
 Operator : SY/MD
 Sample : M1458-02
 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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Quant Time: Mar 18 02:48:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 18 02:46:44 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	215713	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	342709	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	307793	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	157302	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	104114	48.91	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.82%		
35) Dibromofluoromethane	7.728	113	98203	50.81	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.62%		
50) Toluene-d8	10.185	98	369375	48.75	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.50%		
62) 4-Bromofluorobenzene	12.483	95	136745	48.87	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	97.74%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	9640	5.56	ug/l	94
3) Chloromethane	2.119	50	14413	6.18	ug/l	100
4) Vinyl Chloride	2.259	62	14376	5.51	ug/l	96
5) Bromomethane	2.662	94	10924	6.56	ug/l	90
6) Chloroethane	2.802	64	8890	5.60	ug/l	99
7) Trichlorofluoromethane	3.131	101	19145	5.53	ug/l	91
8) Diethyl Ether	3.540	74	6218	5.60	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.905	101	10313	5.32	ug/l	97
10) Methyl Iodide	4.107	142	9943	5.02	ug/l	98
11) Tert butyl alcohol	4.966	59	6150	31.95	ug/l #	92
12) 1,1-Dichloroethene	3.887	96	10299	5.43	ug/l	87
13) Acrolein	3.741	56	3924	20.55	ug/l	94
14) Allyl chloride	4.491	41	15501	4.94	ug/l	91
15) Acrylonitrile	5.186	53	13900	25.18	ug/l	98
16) Acetone	3.960	43	11573	22.52	ug/l	90
17) Carbon Disulfide	4.210	76	28987	5.20	ug/l #	95
18) Methyl Acetate	4.491	43	7854	6.19	ug/l	95
19) Methyl tert-butyl Ether	5.241	73	29481	5.46	ug/l	100
20) Methylene Chloride	4.741	84	17134	6.91	ug/l	89
21) trans-1,2-Dichloroethene	5.234	96	11744	5.51	ug/l	93
22) Diisopropyl ether	6.131	45	31602	4.77	ug/l	95
23) Vinyl Acetate	6.076	43	99342	22.79	ug/l #	94
24) 1,1-Dichloroethane	6.033	63	18803	5.11	ug/l	97
25) 2-Butanone	7.002	43	17996	24.30	ug/l #	85
26) 2,2-Dichloropropane	6.996	77	16928	4.82	ug/l	96
27) cis-1,2-Dichloroethene	7.002	96	12933	5.33	ug/l	91
28) Bromochloromethane	7.344	49	7765	4.84	ug/l	84
29) Tetrahydrofuran	7.362	42	12315	25.59	ug/l	89
30) Chloroform	7.521	83	20055	5.26	ug/l	99
31) Cyclohexane	7.795	56	21215	5.68	ug/l #	70
32) 1,1,1-Trichloroethane	7.710	97	18593	5.26	ug/l	99
36) 1,1-Dichloropropene	7.929	75	15932	5.29	ug/l	97
37) Ethyl Acetate	7.088	43	8899	5.49	ug/l	98
38) Carbon Tetrachloride	7.911	117	16621	5.20	ug/l	95
39) Methylcyclohexane	9.191	83	19624	5.05	ug/l	90
40) Benzene	8.167	78	44462	5.24	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	4578m	4.56	ug/l	
42) 1,2-Dichloroethane	8.246	62	14091	5.44	ug/l	99
43) Isopropyl Acetate	8.283	43	16077	4.94	ug/l	97
44) Trichloroethene	8.947	130	13913	5.66	ug/l	97
45) 1,2-Dichloropropane	9.228	63	10548	4.98	ug/l	91
46) Dibromomethane	9.313	93	6403	5.29	ug/l	95
47) Bromodichloromethane	9.508	83	15397	5.09	ug/l	93
48) Methyl methacrylate	9.301	41	7068	4.57	ug/l #	84
49) 1,4-Dioxane	9.307	88	1641	106.48	ug/l	94
51) 4-Methyl-2-Pentanone	10.075	43	40115	24.34	ug/l	96
52) Toluene	10.246	92	29187	5.31	ug/l	98
53) t-1,3-Dichloropropene	10.471	75	15721	4.93	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	17427	4.88	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	9185	5.39	ug/l	96
56) Ethyl methacrylate	10.514	69	11239	4.72	ug/l	90
57) 1,3-Dichloropropane	10.794	76	15716	5.39	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.789	63	31010	29.36	ug/l	93
59) 2-Hexanone	10.837	43	27565	23.81	ug/l	96
60) Dibromochloromethane	10.990	129	11065	5.18	ug/l	100
61) 1,2-Dibromoethane	11.093	107	9082	5.48	ug/l	97
64) Tetrachloroethene	10.721	164	15881	6.16	ug/l	96
65) Chlorobenzene	11.520	112	32156	5.45	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	11979	5.43	ug/l	98
67) Ethyl Benzene	11.593	91	56272	5.20	ug/l	96
68) m/p-Xylenes	11.703	106	43901	10.63	ug/l	94
69) o-Xylene	12.032	106	21103	5.41	ug/l	91
70) Styrene	12.044	104	33685	5.04	ug/l	98
71) Bromoform	12.215	173	7035	5.33	ug/l #	98
73) Isopropylbenzene	12.331	105	55958	5.12	ug/l	100
74) N-amyl acetate	12.148	43	14234	4.55	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	9037	4.76	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	7619m	5.05	ug/l	
77) Bromobenzene	12.611	156	13951	5.52	ug/l	95
78) n-propylbenzene	12.672	91	65986	5.12	ug/l	96
79) 2-Chlorotoluene	12.758	91	36094	4.99	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	47736	5.15	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	3578	4.68	ug/l	96
82) 4-Chlorotoluene	12.855	91	38502	5.03	ug/l	95
83) tert-Butylbenzene	13.081	119	41327	5.18	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	47246	5.09	ug/l	97
85) sec-Butylbenzene	13.257	105	56997	5.18	ug/l	98
86) p-Isopropyltoluene	13.373	119	52523	5.15	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	26660	5.47	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	26727	5.49	ug/l	91
89) n-Butylbenzene	13.696	91	48114	4.96	ug/l	98
90) Hexachloroethane	13.965	117	8779	4.79	ug/l	87
91) 1,2-Dichlorobenzene	13.739	146	23921	5.53	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	1969	5.49	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	16988	5.79	ug/l	95
94) Hexachlorobutadiene	15.111	225	8346	5.08	ug/l	95
95) Naphthalene	15.239	128	32190	5.54	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	14465	5.87	ug/l	97

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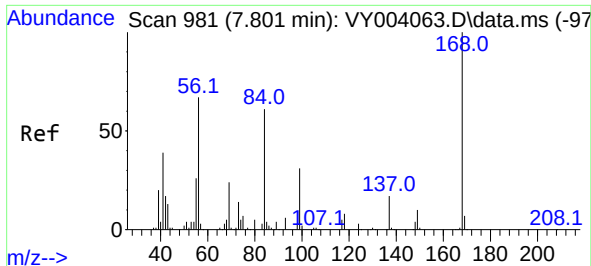
Manual Integrations
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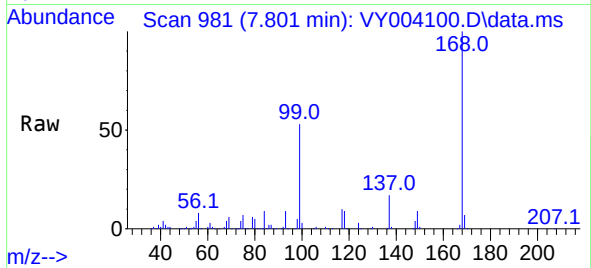
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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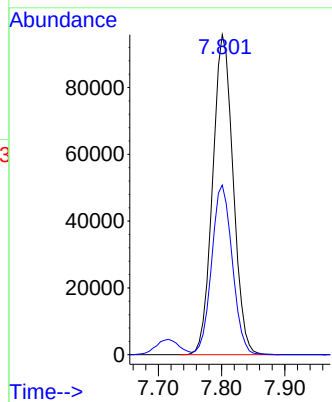
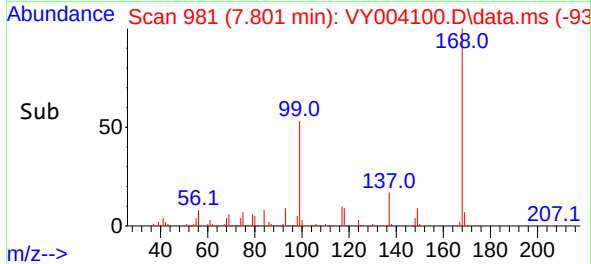
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004100.D
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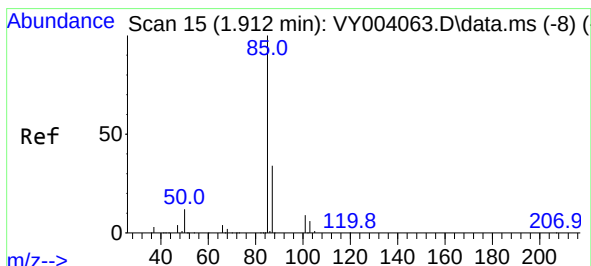
Tgt Ion:168 Resp: 215713
Ion Ratio Lower Upper
168 100
99 53.0 41.2 61.8



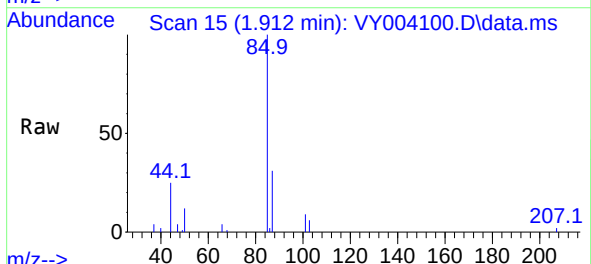
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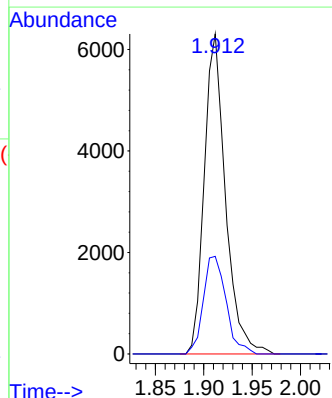
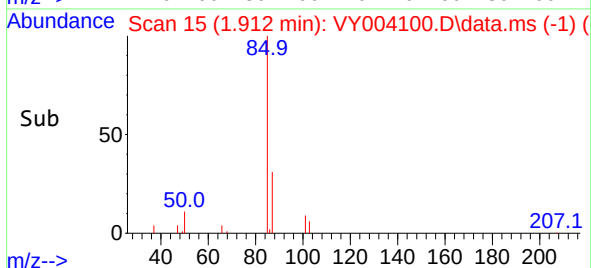
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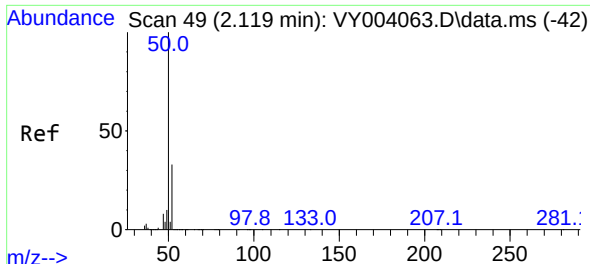


#2
Dichlorodifluoromethane
Concen: 5.56 ug/l
RT: 1.912 min Scan# 15
Delta R.T. -0.000 min
Lab File: VY004100.D
Acq: 17 Mar 2021 13:59



Tgt Ion: 85 Resp: 9640
Ion Ratio Lower Upper
85 100
87 30.5 17.0 51.0





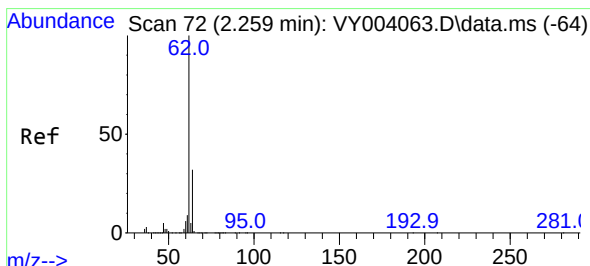
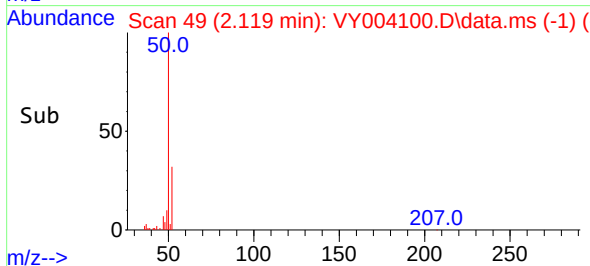
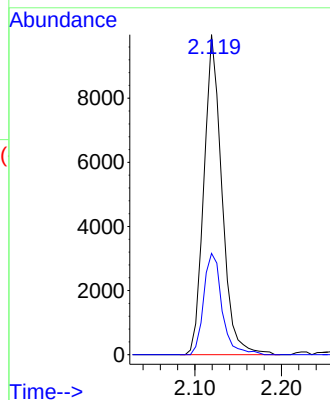
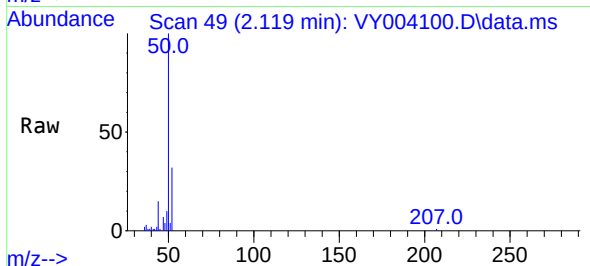
#3
Chloromethane
Concen: 6.18 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY004100.D
Acq: 17 Mar 2021 13:59

Tgt Ion: 50 Resp: 14413
Ion Ratio Lower Upper
50 100
52 31.7 25.4 38.2

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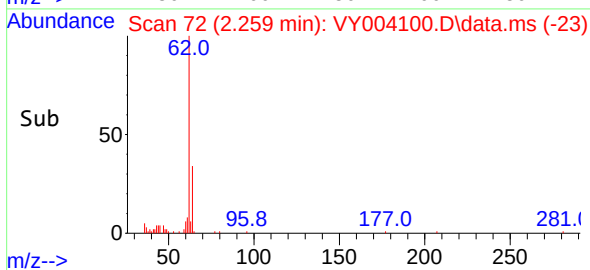
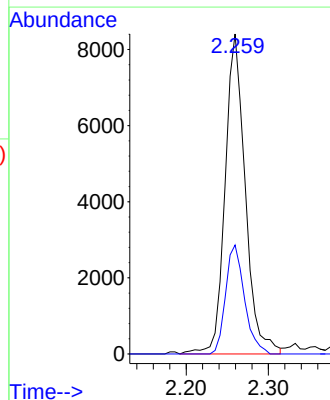
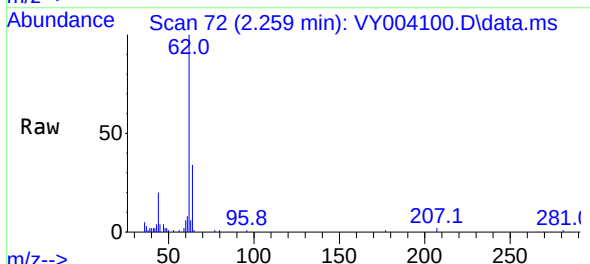
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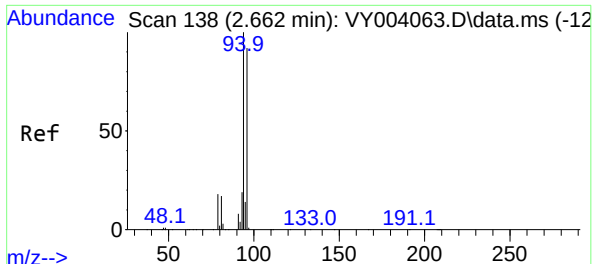
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#4
Vinyl Chloride
Concen: 5.51 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.000 min
Lab File: VY004100.D
Acq: 17 Mar 2021 13:59

Tgt Ion: 62 Resp: 14376
Ion Ratio Lower Upper
62 100
64 34.0 25.3 37.9





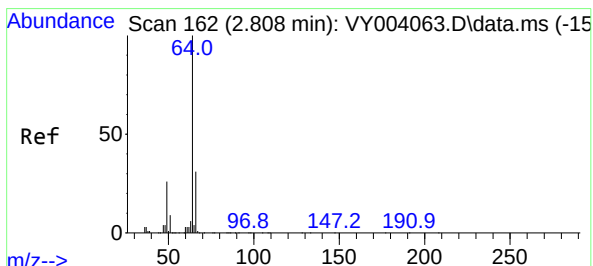
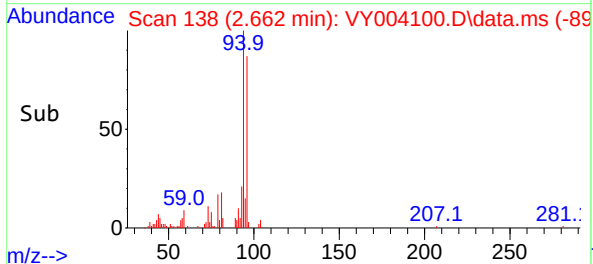
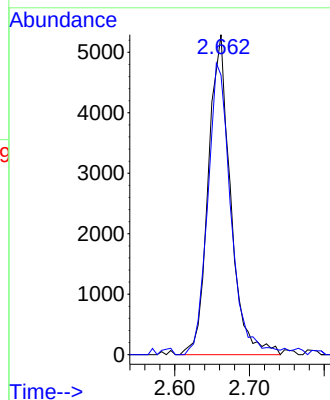
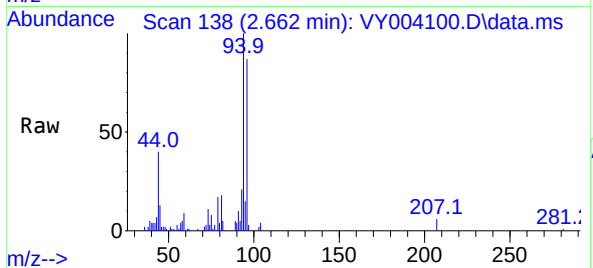
#5
Bromomethane
Concen: 6.56 ug/l
RT: 2.662 min Scan# 138
Delta R.T. -0.000 min
Lab File: VY004100.D
Acq: 17 Mar 2021 13:59

Tgt Ion: 94 Resp: 10924
Ion Ratio Lower Upper
94 100
96 87.3 77.4 116.2

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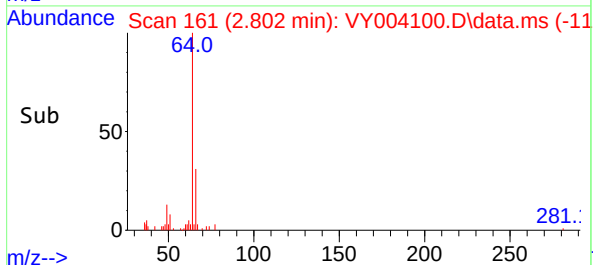
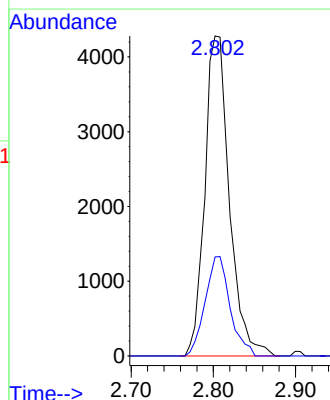
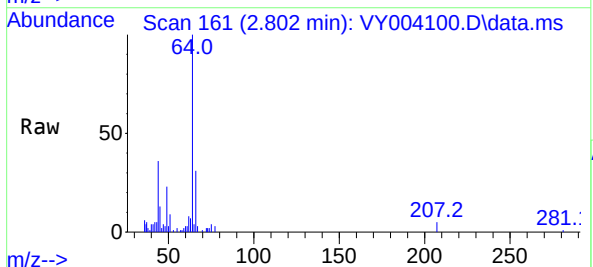
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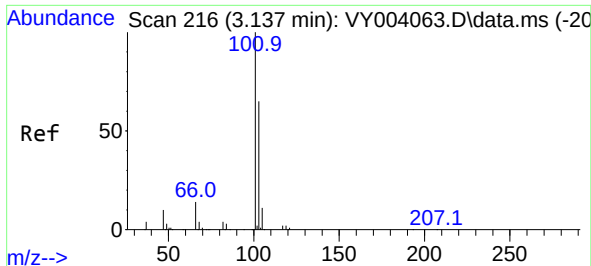
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#6
Chloroethane
Concen: 5.60 ug/l
RT: 2.802 min Scan# 161
Delta R.T. -0.006 min
Lab File: VY004100.D
Acq: 17 Mar 2021 13:59

Tgt Ion: 64 Resp: 8890
Ion Ratio Lower Upper
64 100
66 31.0 25.0 37.6





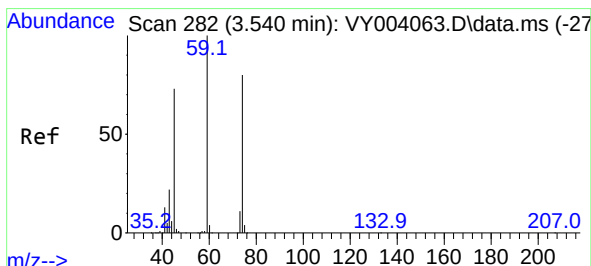
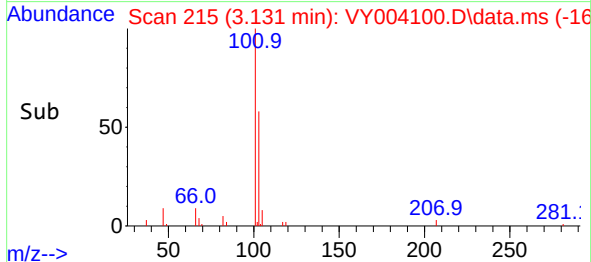
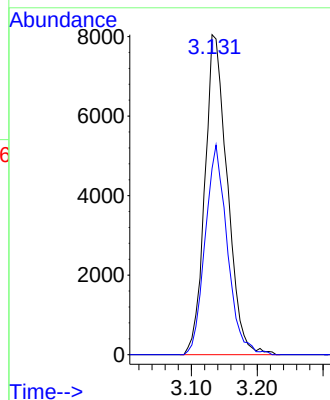
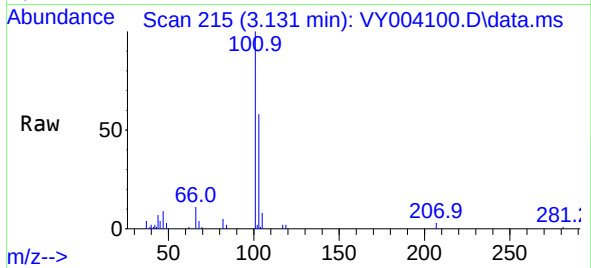
#7
Trichlorofluoromethane
Concen: 5.53 ug/l
RT: 3.131 min Scan# 215
Delta R.T. -0.006 min
Lab File: VY004100.D
Acq: 17 Mar 2021 13:59

Tgt Ion: 101 Resp: 19145
Ion Ratio Lower Upper
101 100
103 58.2 52.2 78.2

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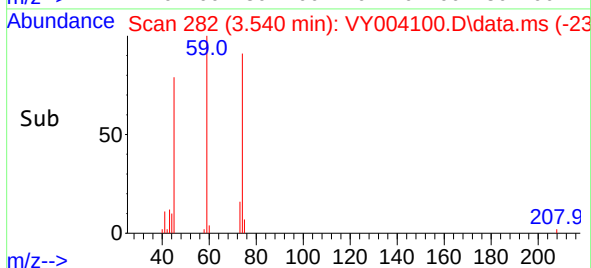
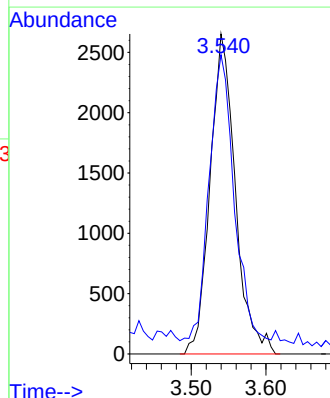
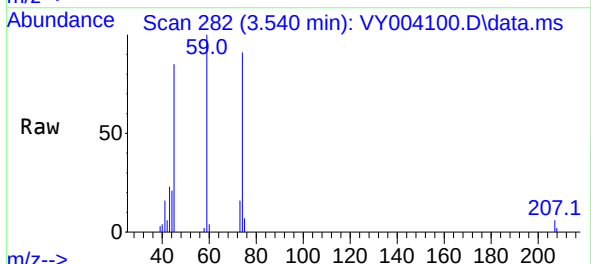
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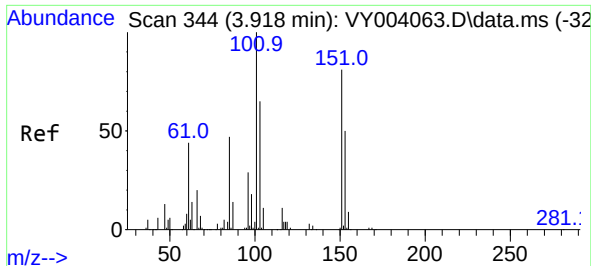
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#8
Diethyl Ether
Concen: 5.60 ug/l
RT: 3.540 min Scan# 282
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 6218
Ion Ratio Lower Upper
74 100
45 87.6 52.6 157.8





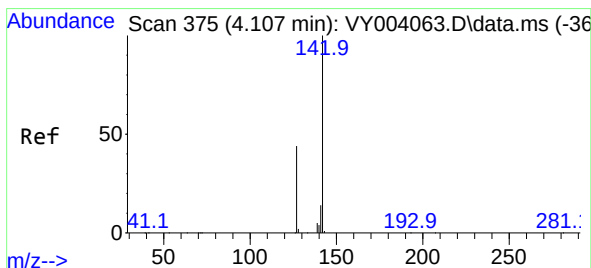
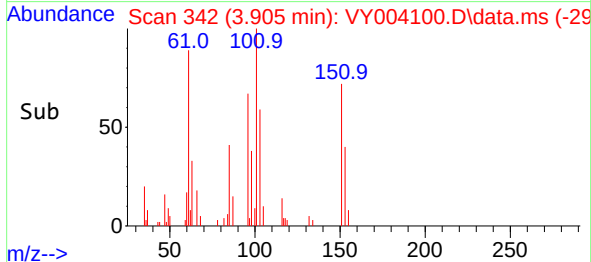
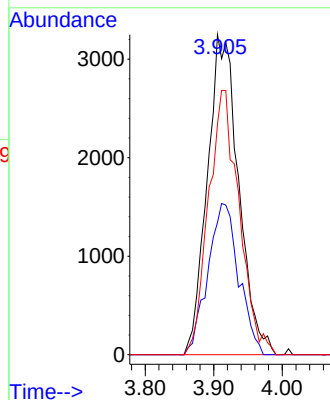
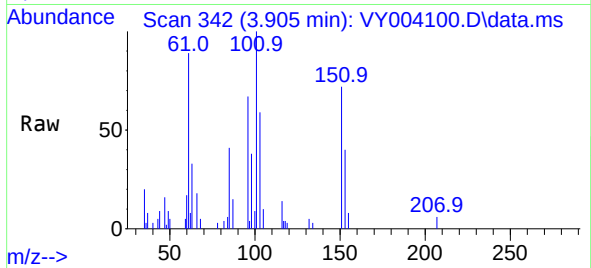
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1,1,2-Trichlorotrifluoroethane
Concen: 5.32 ug/l
RT: 3.905 min Scan# 342
Delta R.T. -0.013 min
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Tgt Ion:101 Resp: 10313
Ion Ratio Lower Upper
101 100
85 46.7 36.1 54.1
151 80.9 66.9 100.3

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ClientSampleId :
LOQ-SOIL-02-QT1-2021

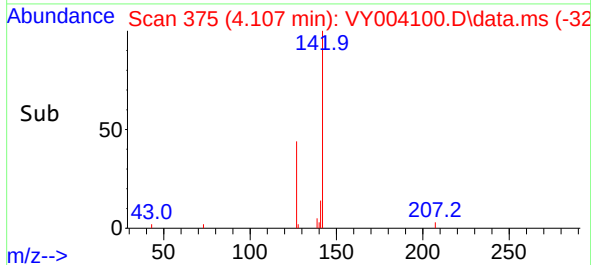
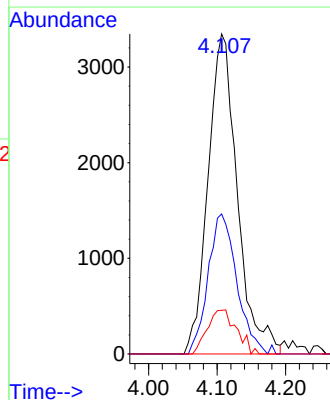
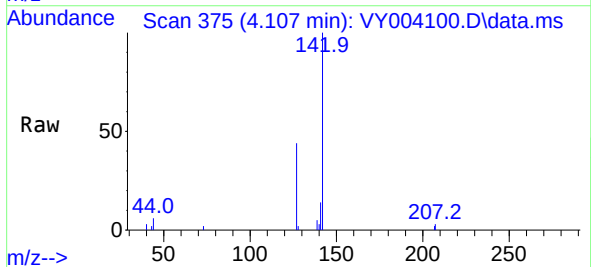
Manual Integrations
APPROVED

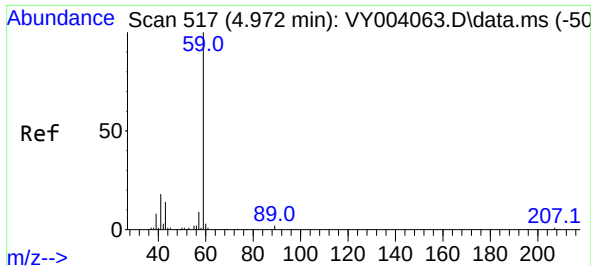
MMDadoda
3/18/2021 2:18:50 PM



#10
Methyl Iodide
Concen: 5.02 ug/l
RT: 4.107 min Scan# 375
Delta R.T. -0.000 min
Lab File: VY004100.D
Acq: 17 Mar 2021 13:59

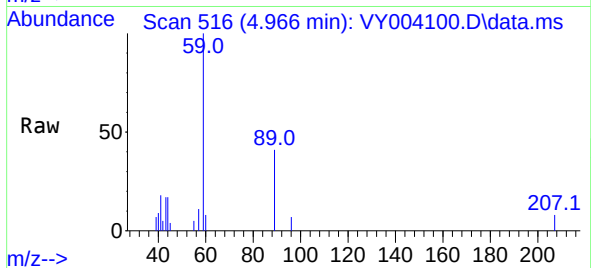
Tgt Ion:142 Resp: 9943
Ion Ratio Lower Upper
142 100
127 42.8 35.4 53.0
141 13.7 11.5 17.3





#11
Tert butyl alcohol
Concen: 31.95 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.006 min
Lab File: VY004100.D
Acq: 17 Mar 2021 13:59

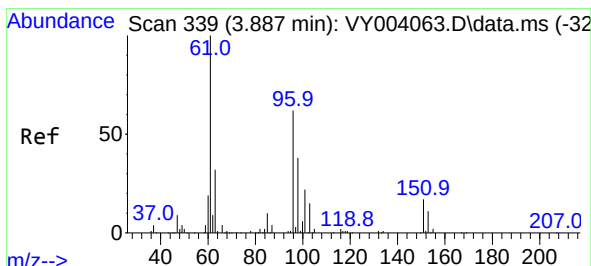
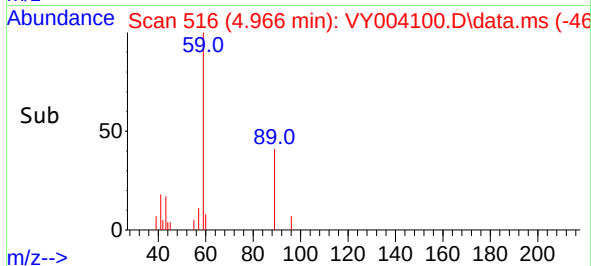
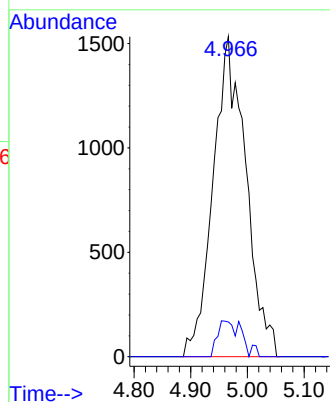
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2021



Tgt Ion: 59 Resp: 6150
Ion Ratio Lower Upper
59 100
57 5.6 6.9 10.3#

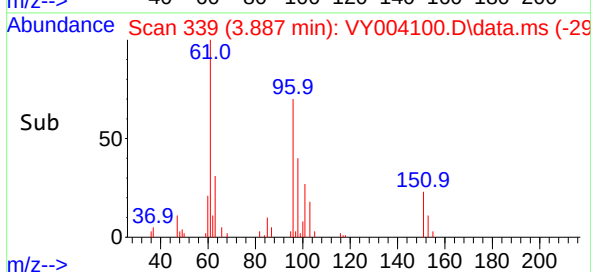
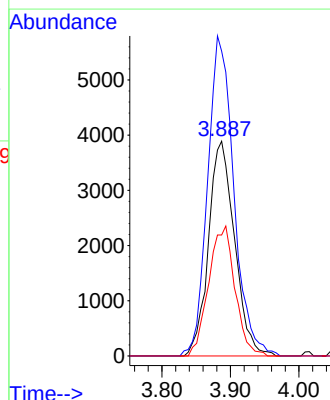
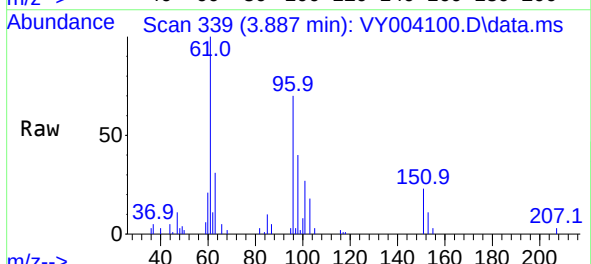
Manual Integrations
APPROVED

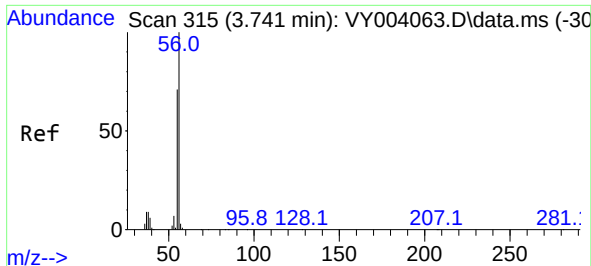
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#12
1,1-Dichloroethene
Concen: 5.43 ug/l
RT: 3.887 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY004100.D
Acq: 17 Mar 2021 13:59

Tgt Ion: 96 Resp: 10299
Ion Ratio Lower Upper
96 100
61 141.9 130.7 196.1
98 56.3 48.9 73.3





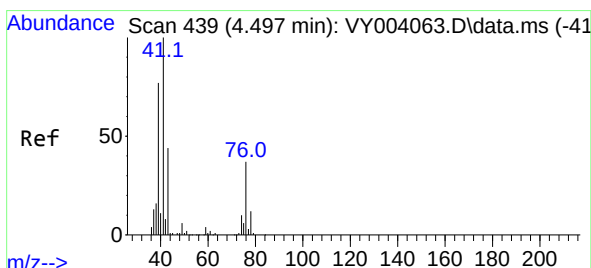
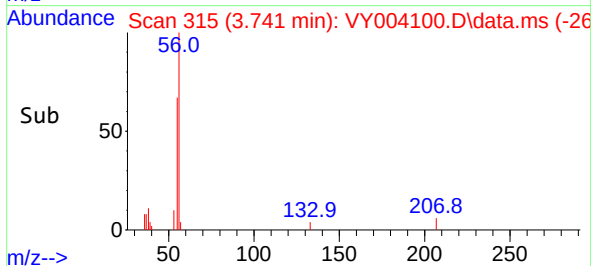
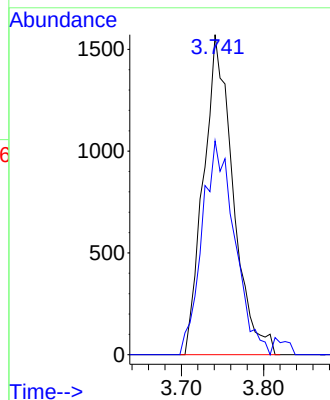
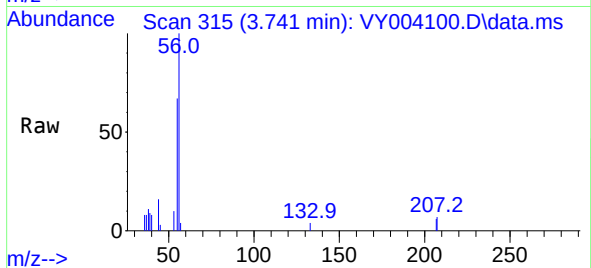
#13
Acrolein
Concen: 20.55 ug/l
RT: 3.741 min Scan# 315
Delta R.T. -0.000 min
Lab File: VY004100.D
Acq: 17 Mar 2021 13:59

Tgt Ion: 56 Resp: 3924
Ion Ratio Lower Upper
56 100
55 73.9 55.4 83.0

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

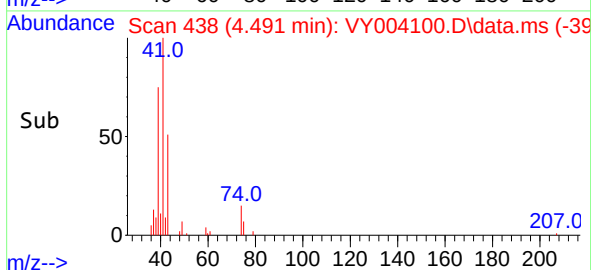
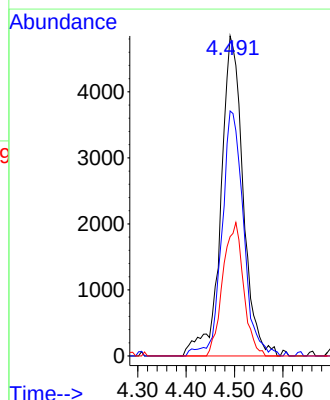
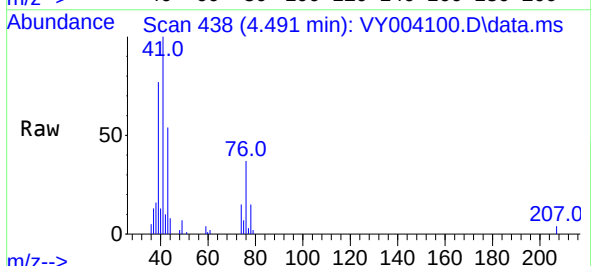
Manual Integrations
APPROVED

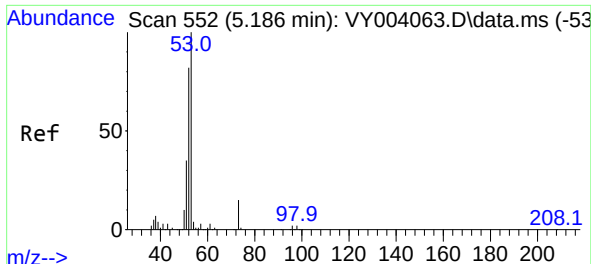
MMDadoda
3/18/2021 2:18:50 PM



#14
Allyl chloride
Concen: 4.94 ug/l
RT: 4.491 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY004100.D
Acq: 17 Mar 2021 13:59

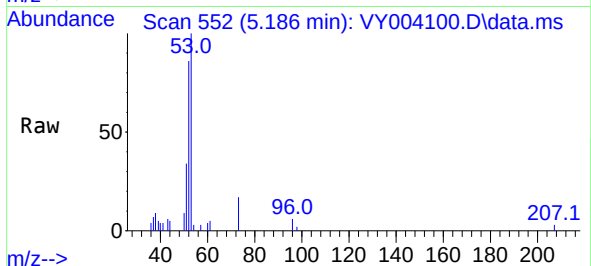
Tgt Ion: 41 Resp: 15501
Ion Ratio Lower Upper
41 100
39 74.6 54.0 81.0
76 38.6 26.1 39.1





#15
Acrylonitrile
Concen: 25.18 ug/l
RT: 5.186 min Scan# 552
Delta R.T. -0.000 min
Lab File: VY004100.D
Acq: 17 Mar 2021 13:59

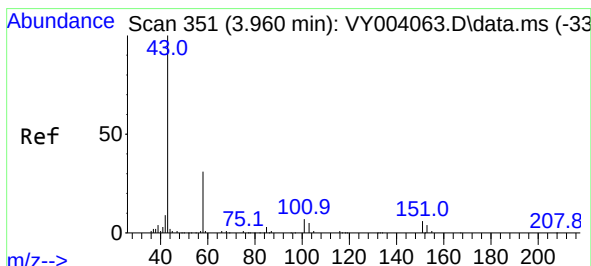
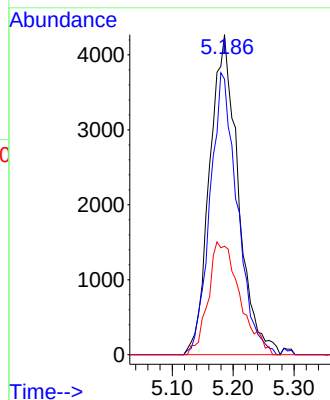
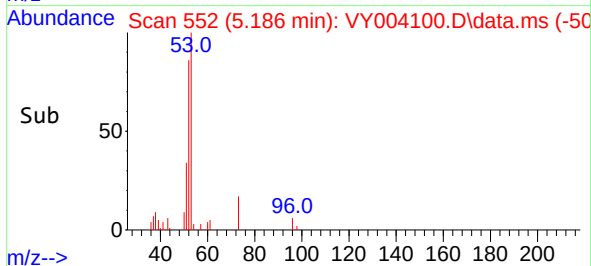
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2021



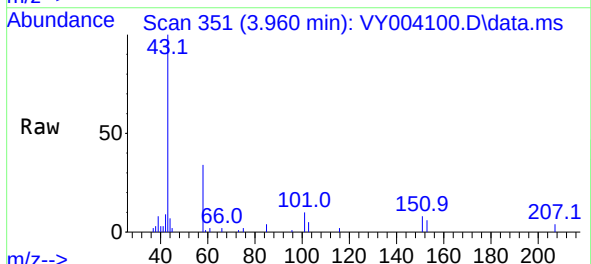
Tgt Ion: 53 Resp: 13900
Ion Ratio Lower Upper
53 100
52 84.0 66.2 99.4
51 39.0 29.5 44.3

Manual Integrations
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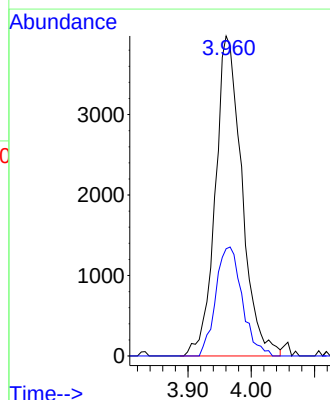
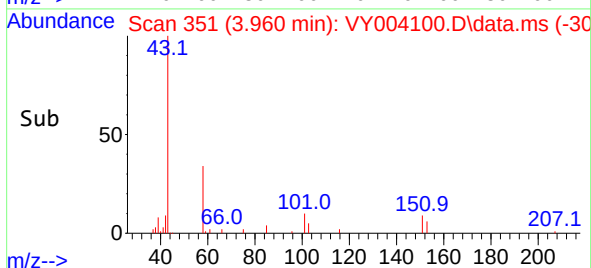
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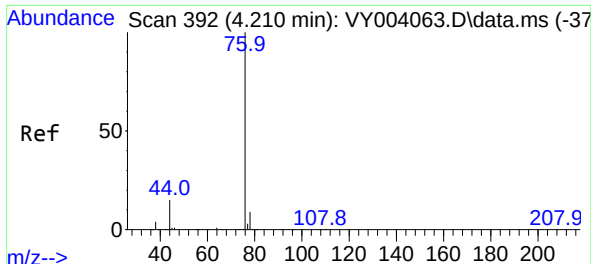


#16
Acetone
Concen: 22.52 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004100.D
Acq: 17 Mar 2021 13:59



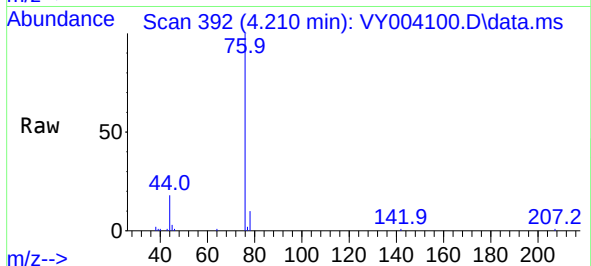
Tgt Ion: 43 Resp: 11573
Ion Ratio Lower Upper
43 100
58 33.5 22.6 34.0





#17
Carbon Disulfide
Concen: 5.20 ug/l
RT: 4.210 min Scan# 392
Delta R.T. 0.000 min
Lab File: VY004100.D
Acq: 17 Mar 2021 13:59

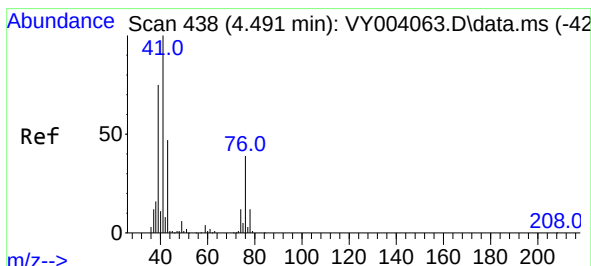
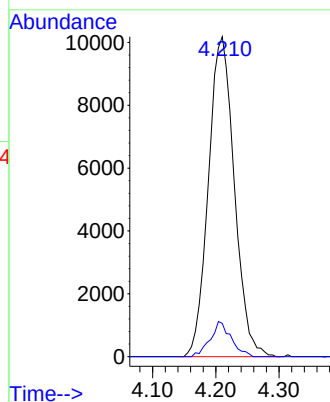
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2021



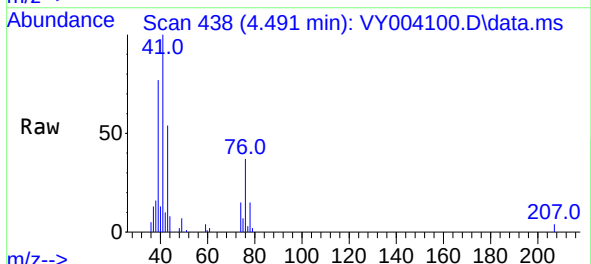
Tgt Ion: 76 Resp: 28987
Ion Ratio Lower Upper
76 100
78 10.4 6.8 10.2#

Manual Integrations
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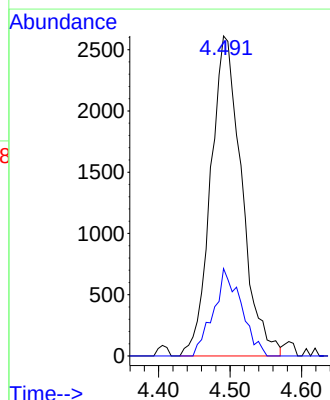
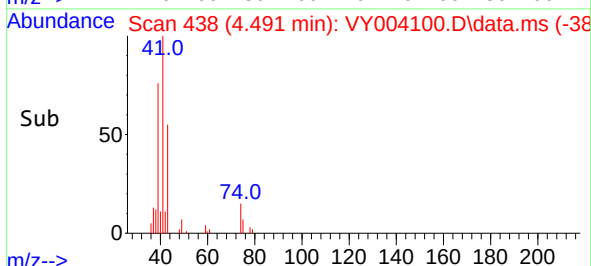
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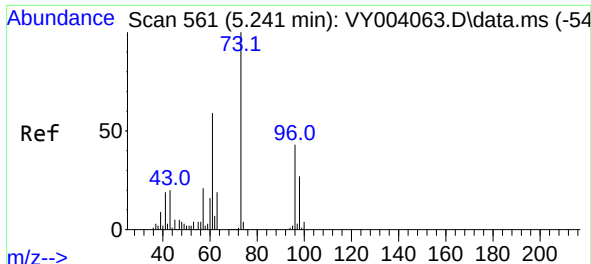


#18
Methyl Acetate
Concen: 6.19 ug/l
RT: 4.491 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY004100.D
Acq: 17 Mar 2021 13:59



Tgt Ion: 43 Resp: 7854
Ion Ratio Lower Upper
43 100
74 24.6 17.6 26.4





#19

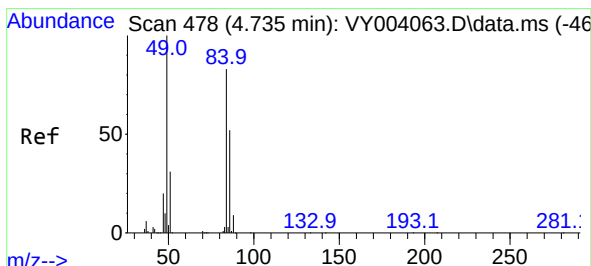
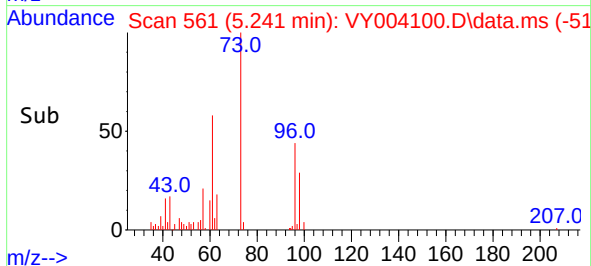
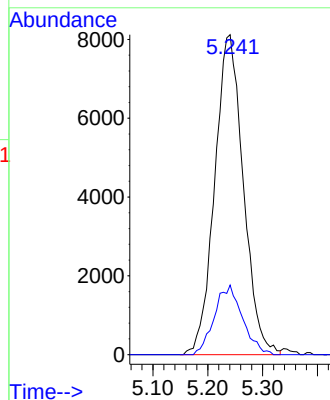
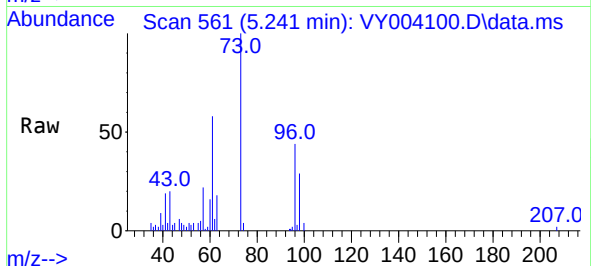
Methyl tert-butyl Ether
Concen: 5.46 ug/l
RT: 5.241 min Scan# 561
Delta R.T. -0.000 min
Lab File: VY004100.D
Acq: 17 Mar 2021 13:59

Tgt Ion: 73 Resp: 29481
Ion Ratio Lower Upper
73 100
57 21.7 17.5 26.3

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

Manual Integrations
APPROVED

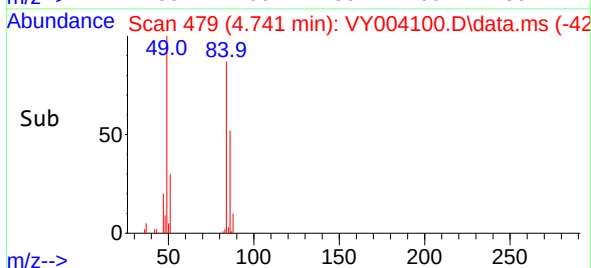
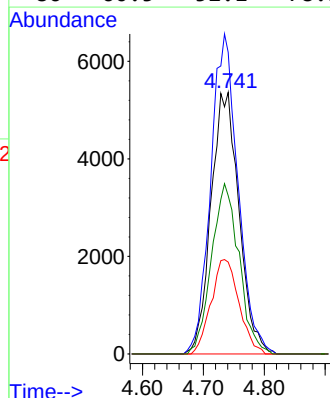
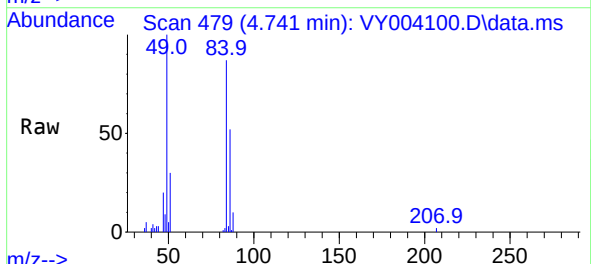
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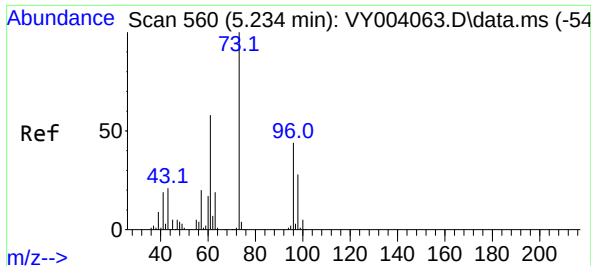


#20

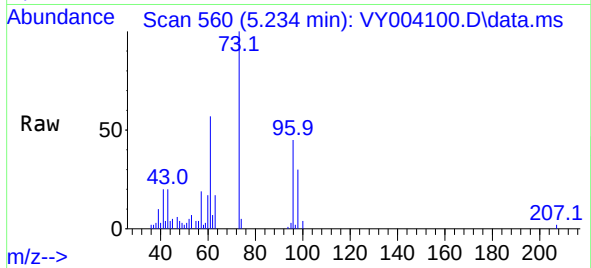
Methylene Chloride
Concen: 6.91 ug/l
RT: 4.741 min Scan# 479
Delta R.T. 0.006 min
Lab File: VY004100.D
Acq: 17 Mar 2021 13:59

Tgt Ion: 84 Resp: 17134
Ion Ratio Lower Upper
84 100
49 115.3 105.8 158.6
51 35.1 32.6 48.8
86 60.5 52.1 78.1



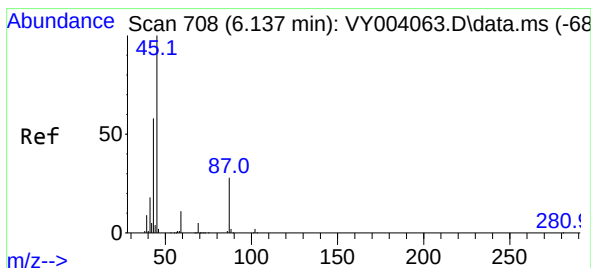
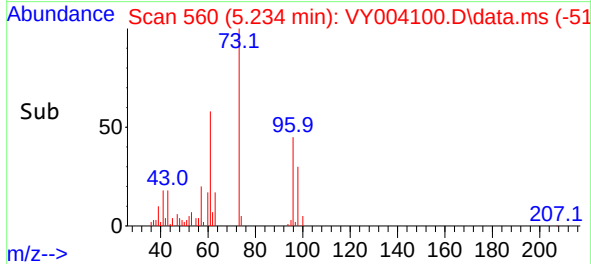
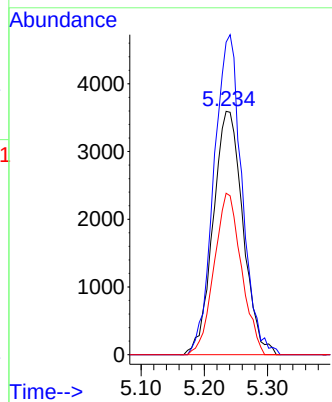


#21
trans-1,2-Dichloroethene
Concen: 5.51 ug/l
RT: 5.234 min Scan# 560
Delta R.T. 0.000 min
Lab File: VY004100.D
Acq: 17 Mar 2021 13:59

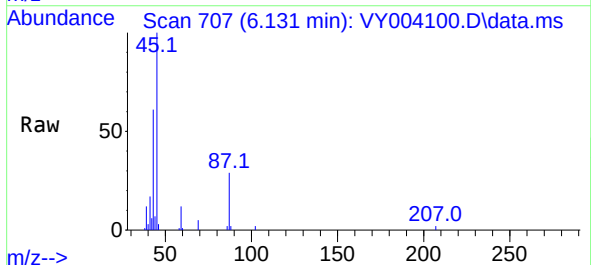


Tgt Ion: 96 Resp: 11744

Ion	Ratio	Lower	Upper
96	100		
61	128.3	110.8	166.2
98	66.3	51.0	76.6

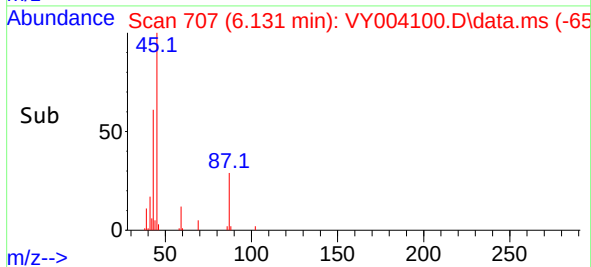
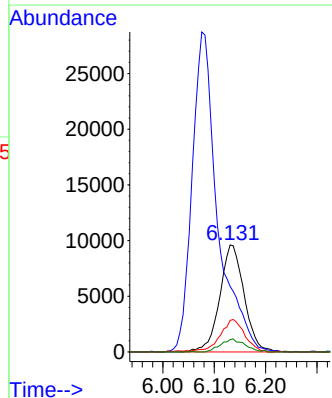


#22
Diisopropyl ether
Concen: 4.77 ug/l
RT: 6.131 min Scan# 707
Delta R.T. -0.006 min
Lab File: VY004100.D
Acq: 17 Mar 2021 13:59



Tgt Ion: 45 Resp: 31602

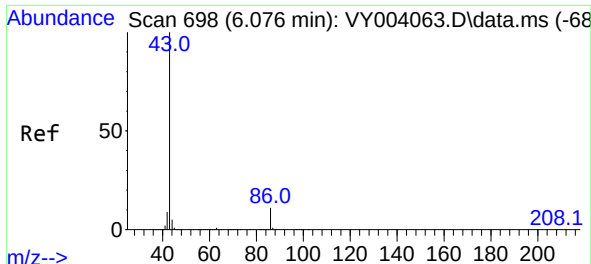
Ion	Ratio	Lower	Upper
45	100		
43	60.7	45.1	67.7
87	28.9	21.0	31.4
59	11.6	9.2	13.8



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

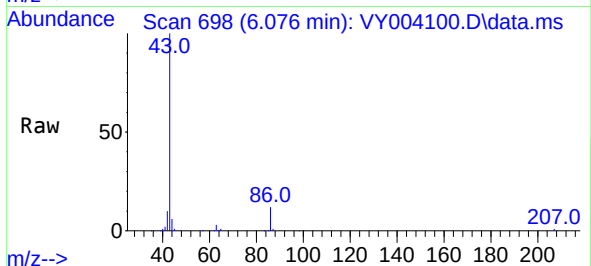
Manual Integrations
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#23
 Vinyl Acetate
 Concen: 22.79 ug/l
 RT: 6.076 min Scan# 698
 Delta R.T. -0.000 min
 Lab File: VY004100.D
 Acq: 17 Mar 2021 13:59

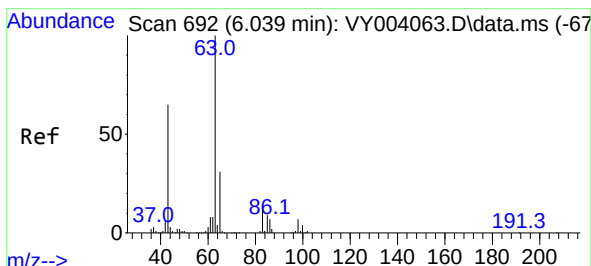
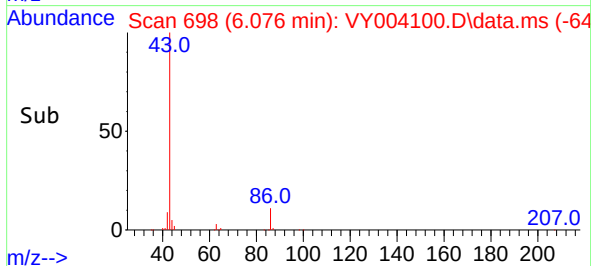
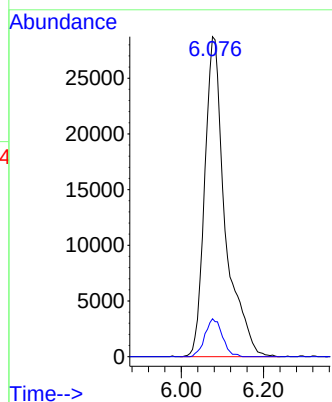
Instrument :
 MSVOA_Y
 ClientSampleId :
 LOQ-SOIL-02-QT1-2021



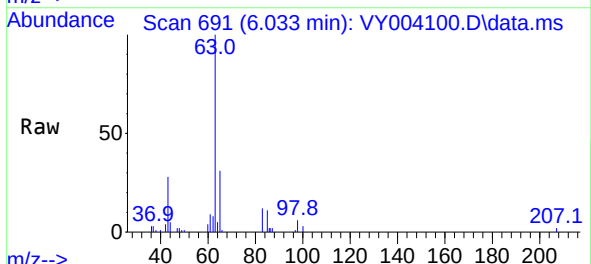
Tgt Ion: 43 Resp: 99342
 Ion Ratio Lower Upper
 43 100
 86 11.9 7.8 11.6#

Manual Integrations
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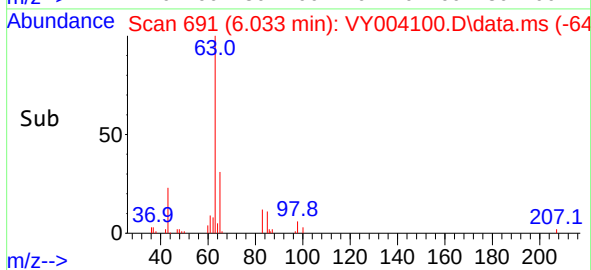
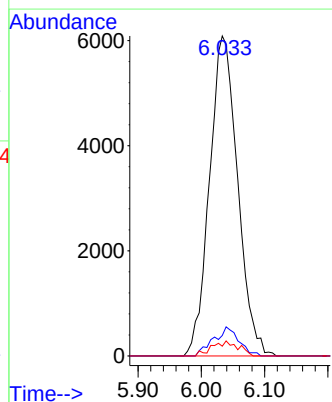
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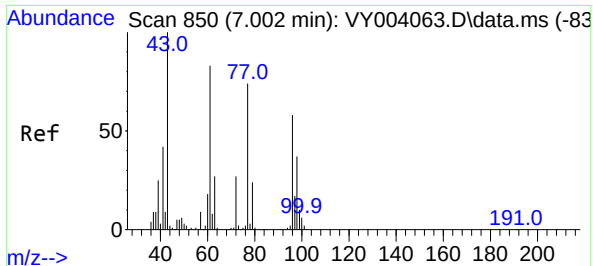


#24
 1,1-Dichloroethane
 Concen: 5.11 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. -0.006 min
 Lab File: VY004100.D
 Acq: 17 Mar 2021 13:59



Tgt Ion: 63 Resp: 18803
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.5 10.4
 100 3.0 2.3 6.9





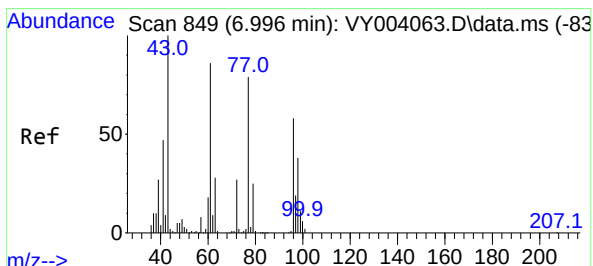
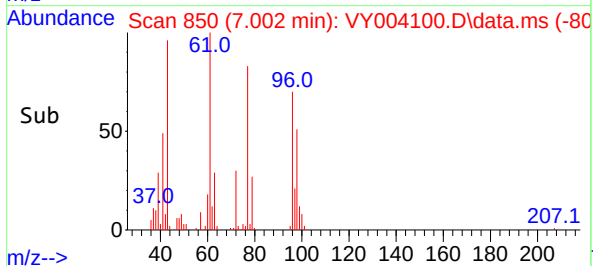
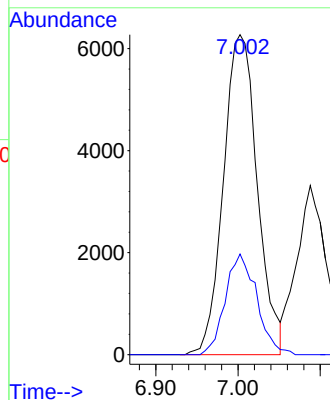
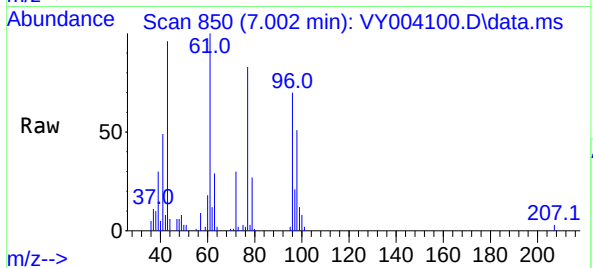
#25
2-Butanone
Concen: 24.30 ug/l
RT: 7.002 min Scan# 850
Delta R.T. 0.000 min
Lab File: VY004100.D
Acq: 17 Mar 2021 13:59

Tgt Ion: 43 Resp: 17996
Ion Ratio Lower Upper
43 100
72 31.4 19.4 29.0#

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

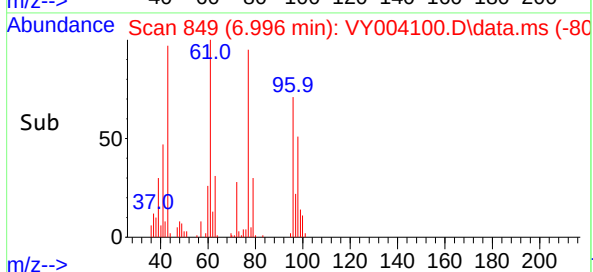
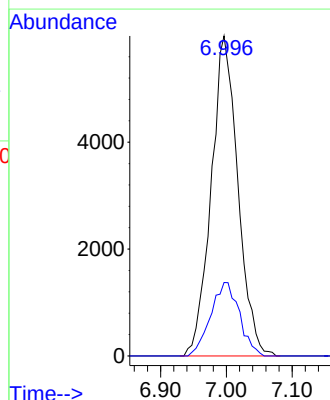
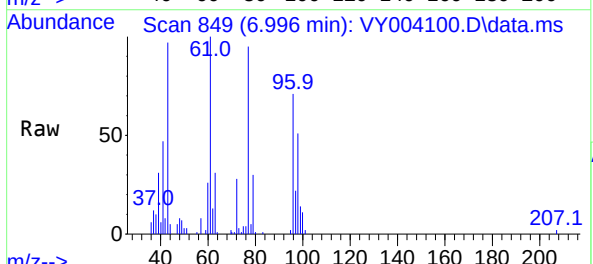
Manual Integrations
APPROVED

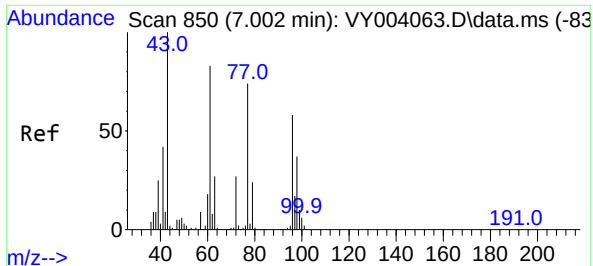
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3/18/2021 2:18:50 PM



#26
2,2-Dichloropropane
Concen: 4.82 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY004100.D
Acq: 17 Mar 2021 13:59

Tgt Ion: 77 Resp: 16928
Ion Ratio Lower Upper
77 100
97 24.7 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 5.33 ug/l

RT: 7.002 min Scan# 850

Delta R.T. 0.000 min

Lab File: VY004100.D

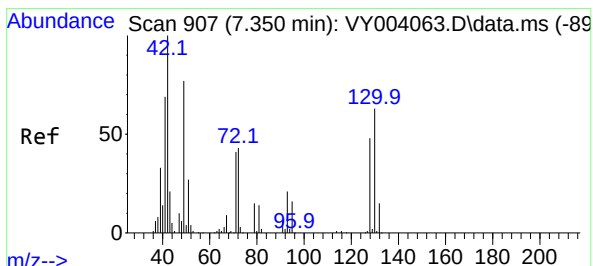
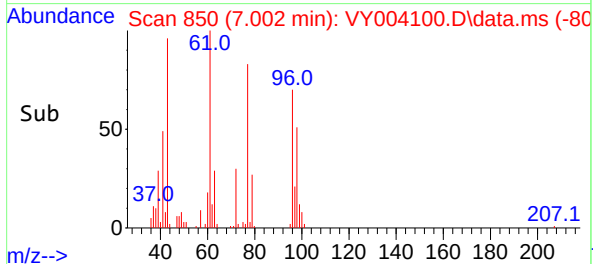
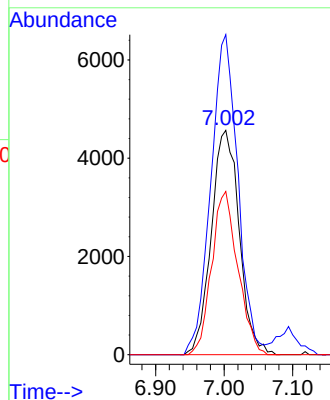
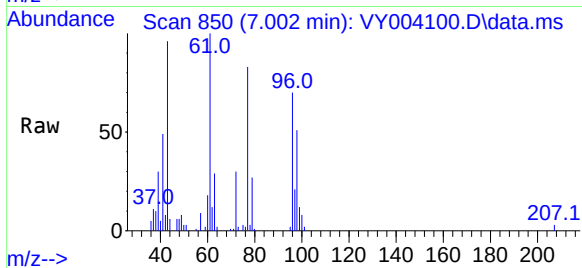
Acq: 17 Mar 2021 13:59

Tgt Ion:	96	Resp:	12933
Ion	Ratio	Lower	Upper
96	100		
61	137.7	0.0	303.6
98	68.3	0.0	130.6

Instrument :
MSVOA_Y
ClientSampleId :
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#28

Bromochloromethane

Concen: 4.84 ug/l

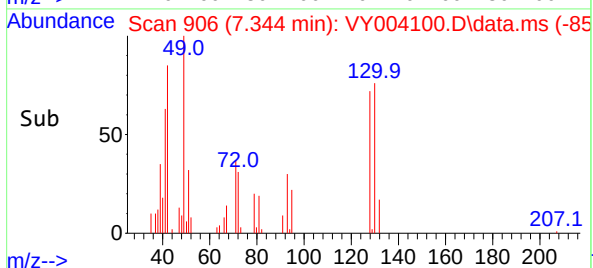
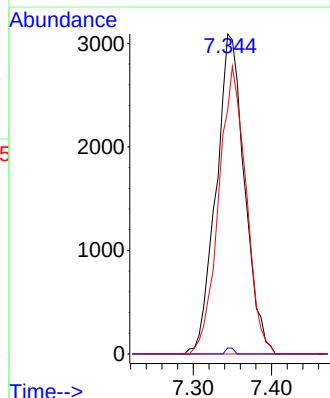
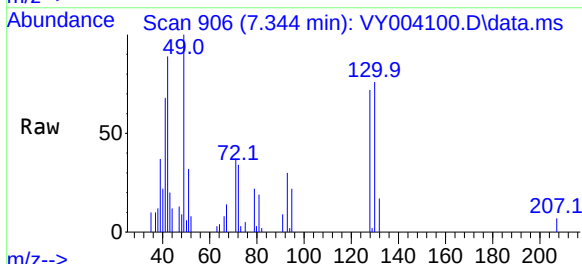
RT: 7.344 min Scan# 906

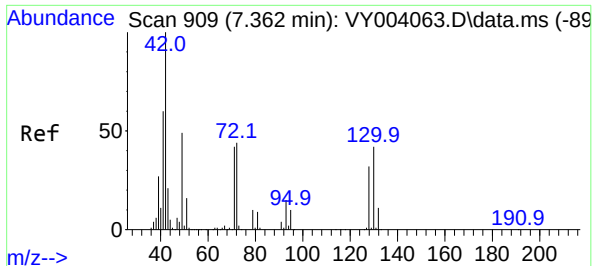
Delta R.T. -0.006 min

Lab File: VY004100.D

Acq: 17 Mar 2021 13:59

Tgt Ion:	49	Resp:	7765
Ion	Ratio	Lower	Upper
49	100		
129	0.5	0.0	4.4
130	87.1	59.0	88.4





#29

Tetrahydrofuran

Concen: 25.59 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY004100.D

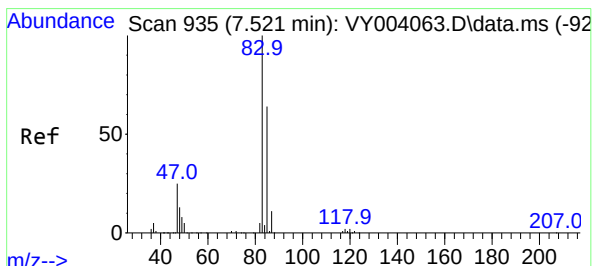
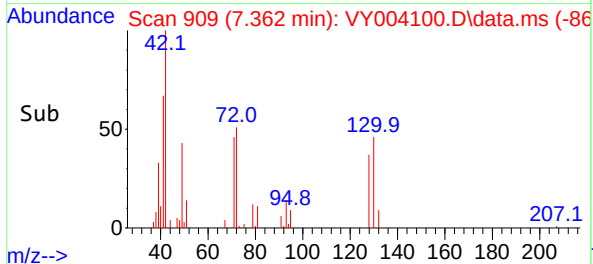
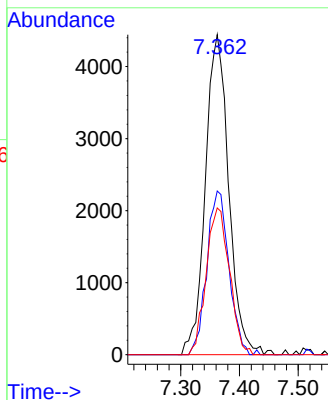
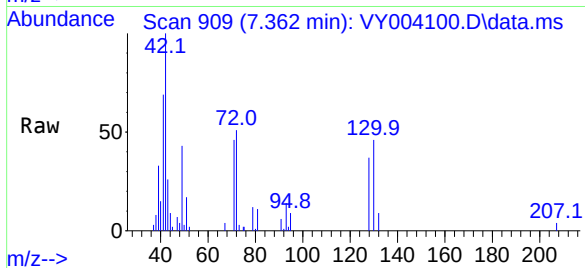
Acq: 17 Mar 2021 13:59

Tgt Ion:	42	Resp:	12315
Ion	Ratio	Lower	Upper
42	100		
72	48.1	32.6	48.8
71	45.5	31.0	46.6

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

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#30

Chloroform

Concen: 5.26 ug/l

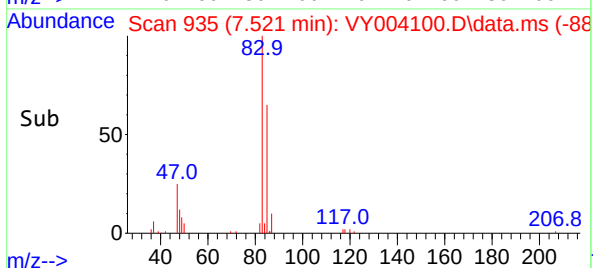
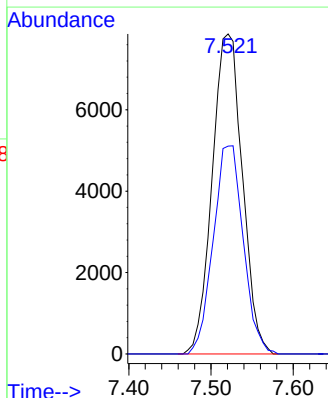
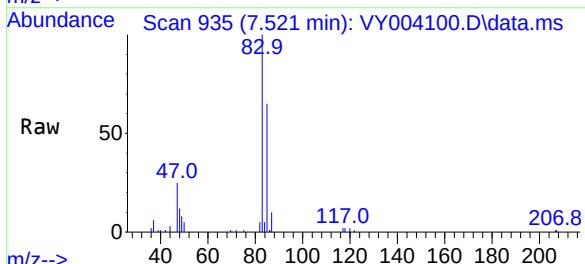
RT: 7.521 min Scan# 935

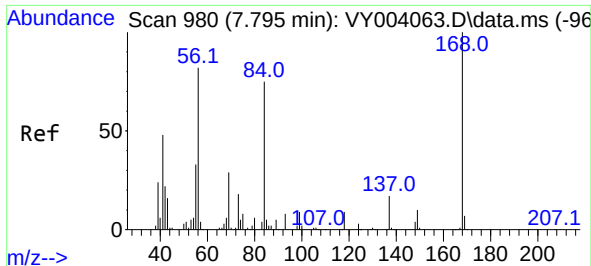
Delta R.T. -0.000 min

Lab File: VY004100.D

Acq: 17 Mar 2021 13:59

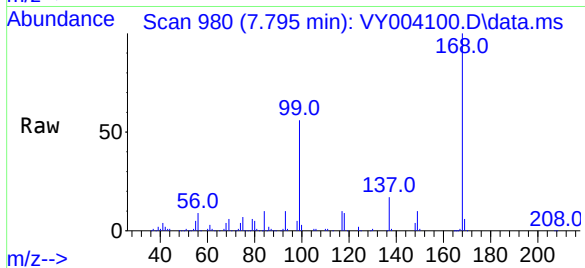
Tgt Ion:	83	Resp:	20055
Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.0	76.6





#31
Cyclohexane
Concen: 5.68 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004100.D
Acq: 17 Mar 2021 13:59

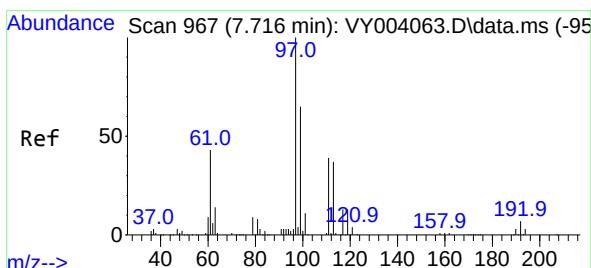
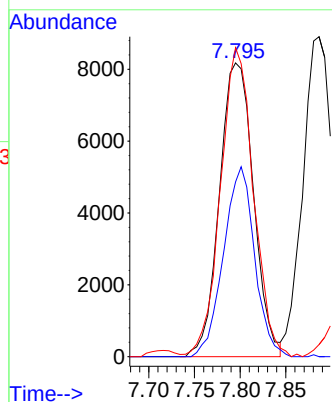
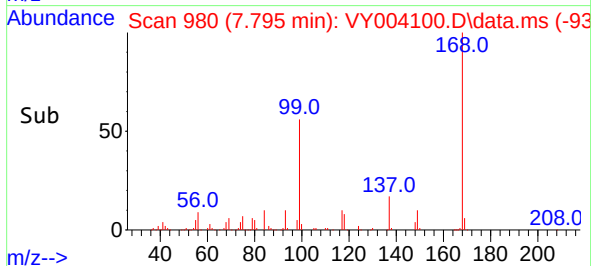
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2021



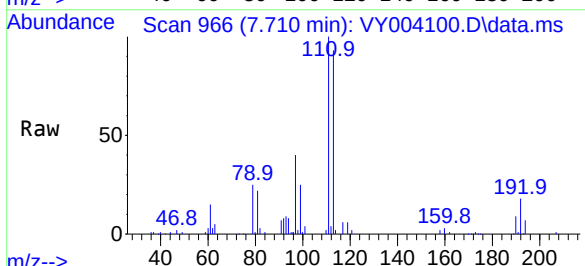
Tgt Ion: 56 Resp: 21215
Ion Ratio Lower Upper
56 100
69 59.5 25.3 37.9#
84 104.4 67.3 100.9#

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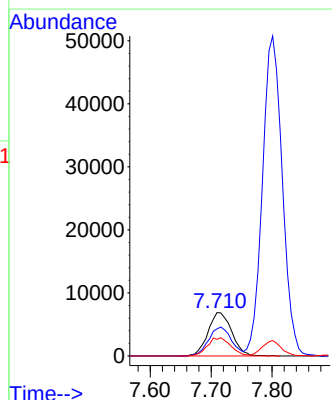
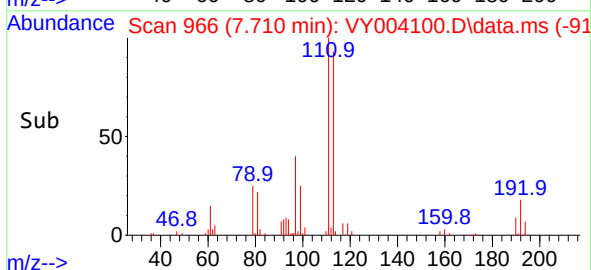
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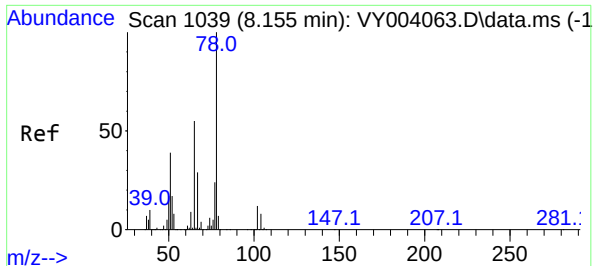


#32
1,1,1-Trichloroethane
Concen: 5.26 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY004100.D
Acq: 17 Mar 2021 13:59



Tgt Ion: 97 Resp: 18593
Ion Ratio Lower Upper
97 100
99 64.2 51.8 77.6
61 41.4 34.5 51.7





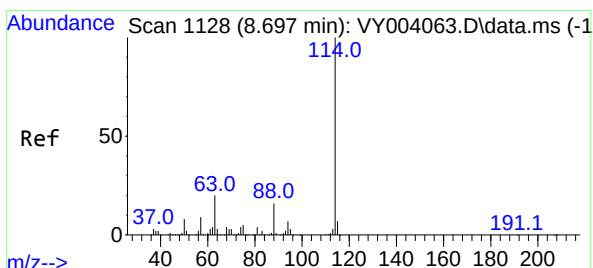
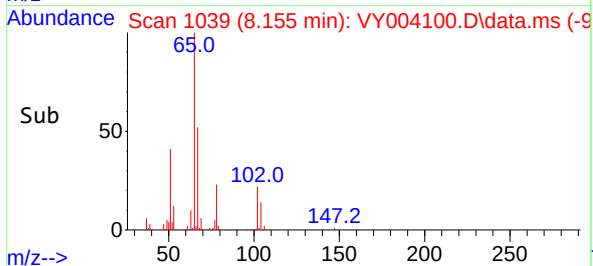
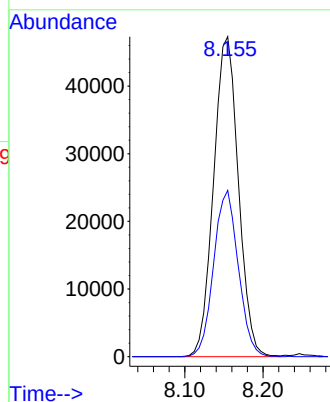
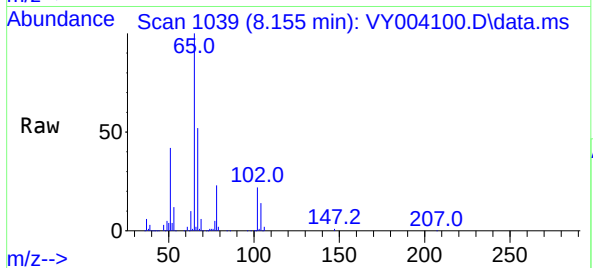
#33
1,2-Dichloroethane-d4
Concen: 48.91 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. -0.000 min
Lab File: VY004100.D
Acq: 17 Mar 2021 13:59

Tgt Ion: 65 Resp: 104114
Ion Ratio Lower Upper
65 100
67 51.6 0.0 101.4

Instrument :
MSVOA_Y
ClientSampleId :
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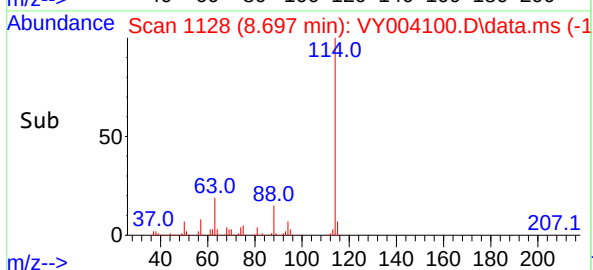
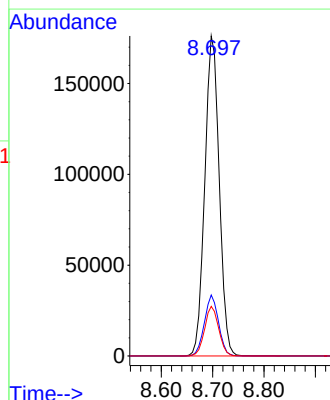
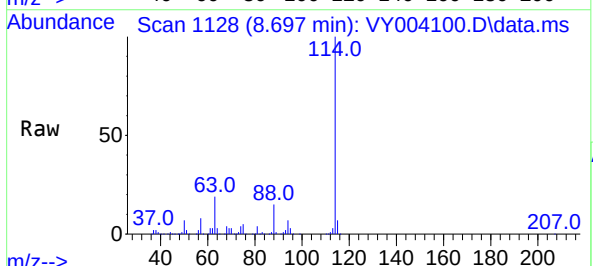
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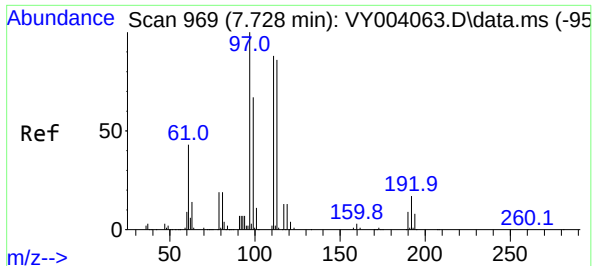
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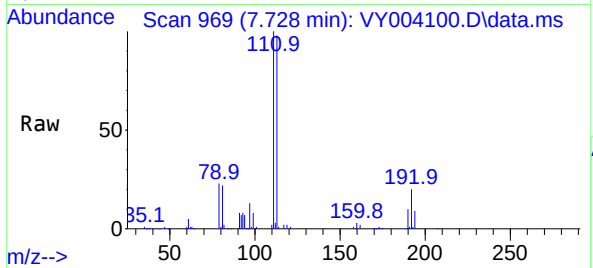
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004100.D
Acq: 17 Mar 2021 13:59

Tgt Ion: 114 Resp: 342709
Ion Ratio Lower Upper
114 100
63 19.1 0.0 41.6
88 15.5 0.0 31.4

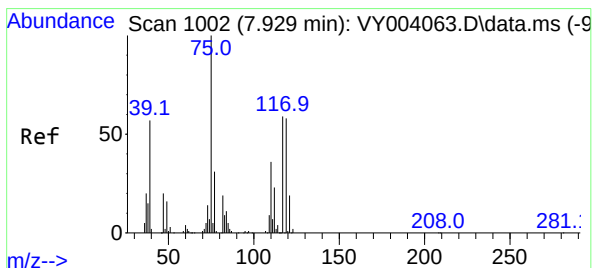
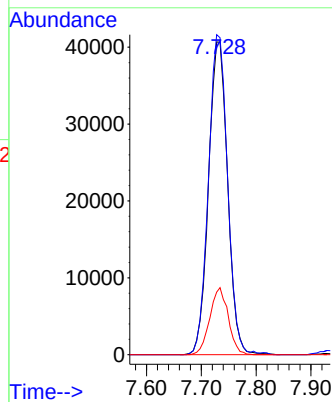
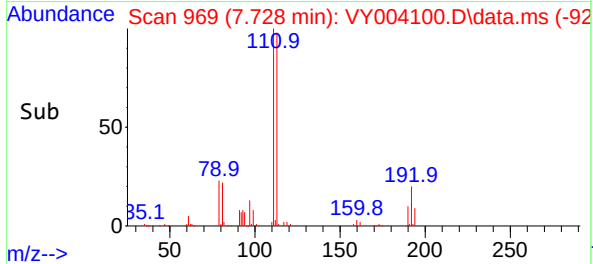




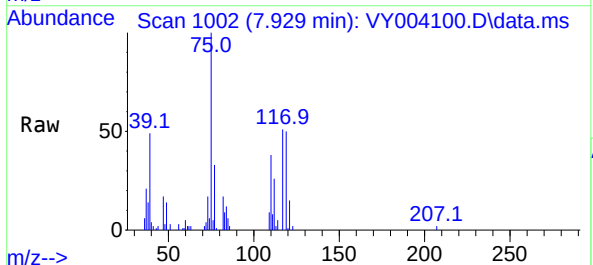
#35
Dibromofluoromethane
Concen: 50.81 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004100.D
Acq: 17 Mar 2021 13:59



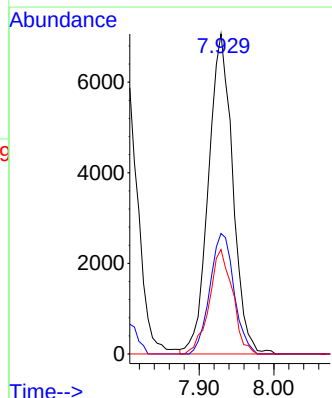
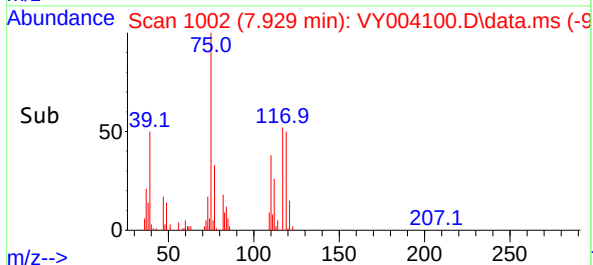
Tgt Ion: 113 Resp: 98203
Ion Ratio Lower Upper
113 100
111 102.7 83.2 124.8
192 20.7 18.5 27.7



#36
1,1-Dichloropropene
Concen: 5.29 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VY004100.D
Acq: 17 Mar 2021 13:59



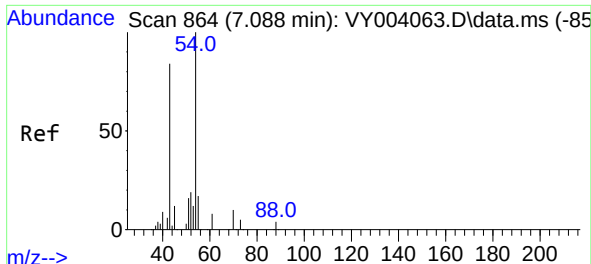
Tgt Ion: 75 Resp: 15932
Ion Ratio Lower Upper
75 100
110 37.4 17.4 52.3
77 31.3 24.5 36.7



Instrument :
MSVOA_Y
ClientSampleId :
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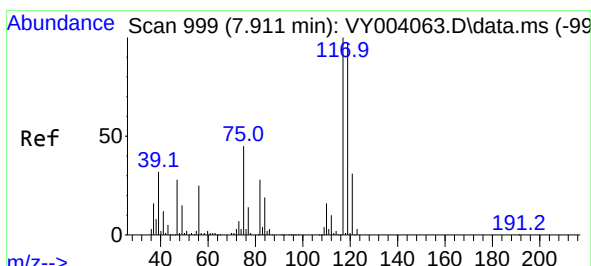
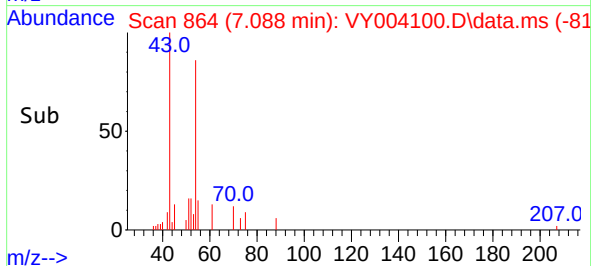
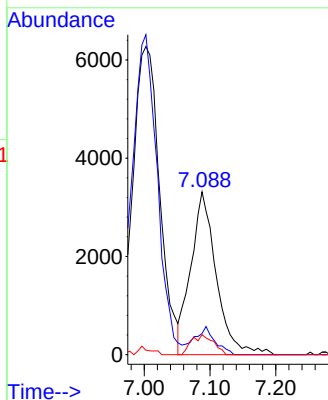
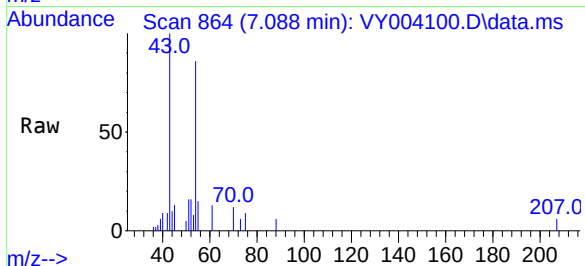
#37
Ethyl Acetate
Concen: 5.49 ug/l
RT: 7.088 min Scan# 864
Delta R.T. -0.000 min
Lab File: VY004100.D
Acq: 17 Mar 2021 13:59

Tgt Ion:	43	Resp:	8899
Ion	Ratio	Lower	Upper
43	100		
61	14.2	10.7	16.1
70	10.6	7.7	11.5

Instrument :
MSVOA_Y
ClientSampleId :
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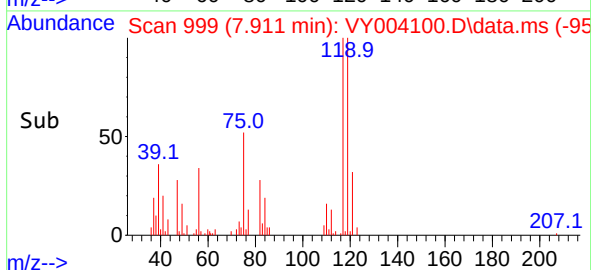
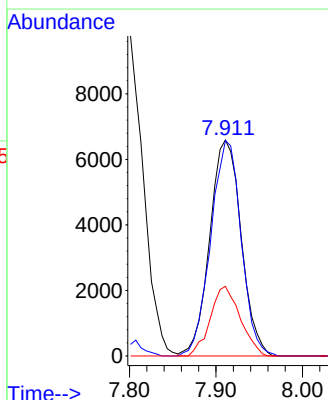
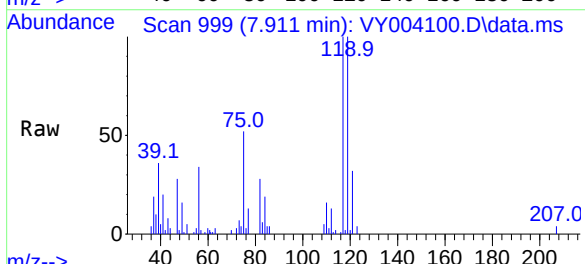
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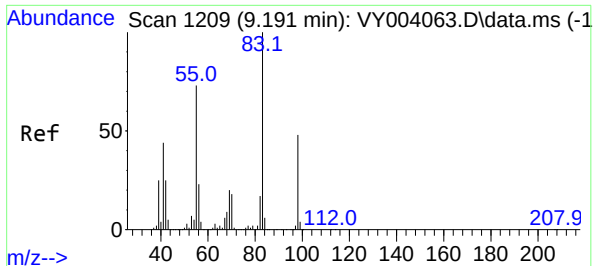
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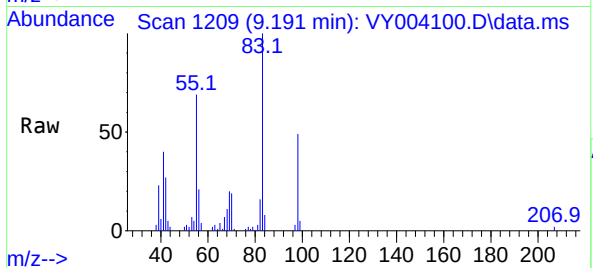
#38
Carbon Tetrachloride
Concen: 5.20 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY004100.D
Acq: 17 Mar 2021 13:59

Tgt Ion:	117	Resp:	16621
Ion	Ratio	Lower	Upper
117	100		
119	99.7	75.4	113.0
121	32.3	24.2	36.2



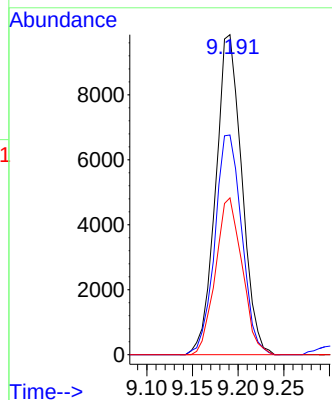


#39
Methylcyclohexane
Concen: 5.05 ug/l
RT: 9.191 min Scan# 1209
Delta R.T. 0.000 min
Lab File: VY004100.D
Acq: 17 Mar 2021 13:59



Tgt Ion: 83 Resp: 19624

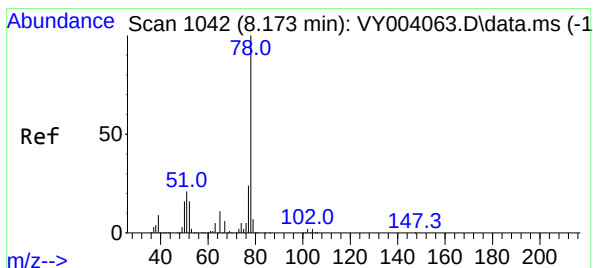
Ion	Ratio	Lower	Upper
83	100		
55	68.6	65.6	98.4
98	49.0	39.5	59.3



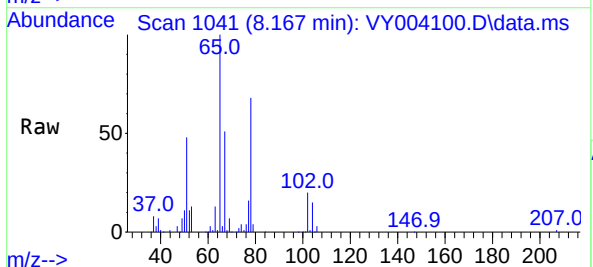
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2021

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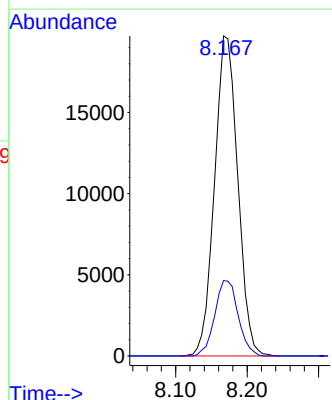
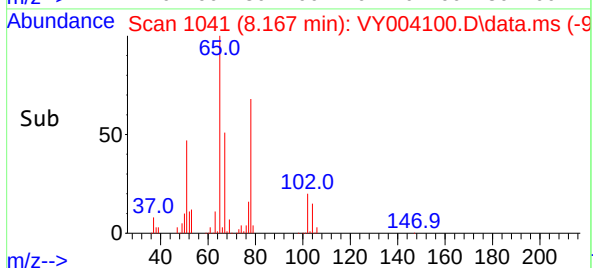


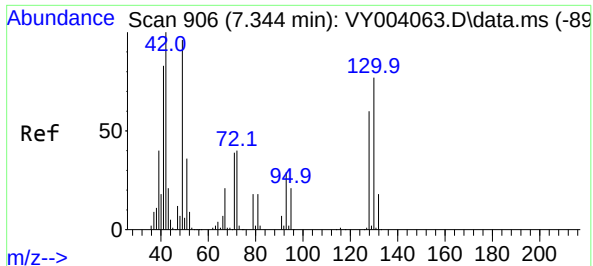
#40
Benzene
Concen: 5.24 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VY004100.D
Acq: 17 Mar 2021 13:59



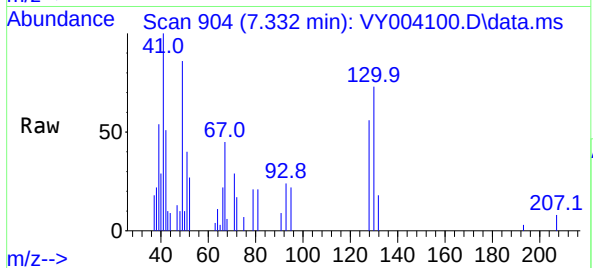
Tgt Ion: 78 Resp: 44462

Ion	Ratio	Lower	Upper
78	100		
77	23.6	20.1	30.1

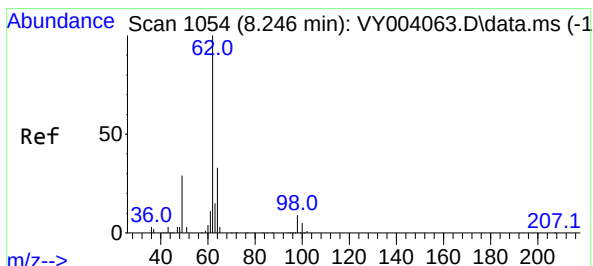
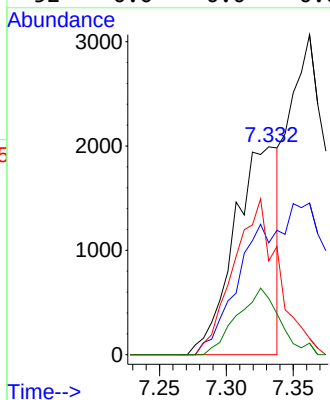
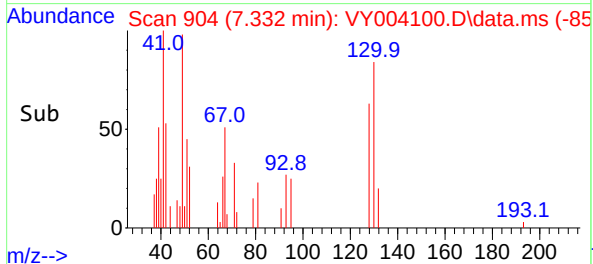




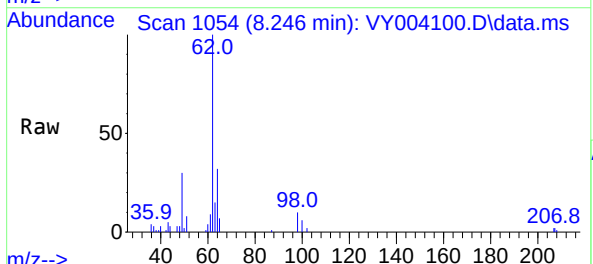
#41
Methacrylonitrile
Concen: 4.56 ug/l m
RT: 7.332 min Scan# 904
Delta R.T. -0.012 min
Lab File: VY004100.D
Acq: 17 Mar 2021 13:59



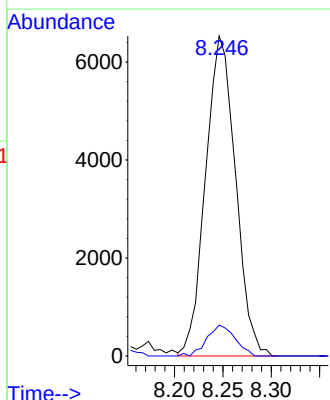
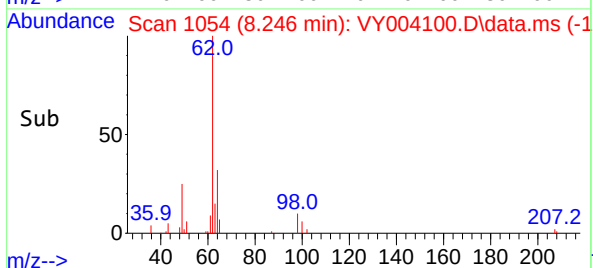
Tgt Ion: 41 Resp: 4578
Ion Ratio Lower Upper
41 100
39 70.3 91.2 136.8#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 5.44 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VY004100.D
Acq: 17 Mar 2021 13:59



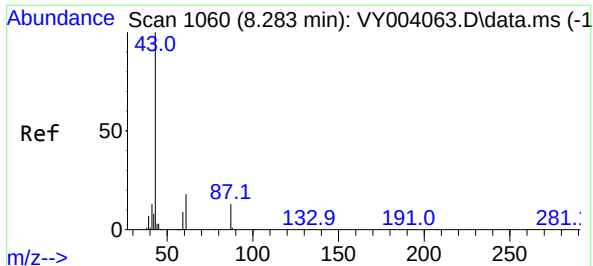
Tgt Ion: 62 Resp: 14091
Ion Ratio Lower Upper
62 100
98 9.0 0.0 17.0



Instrument :
MSVOA_Y
ClientSampleId :
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#43
Isopropyl Acetate
Concen: 4.94 ug/l
RT: 8.283 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VY004100.D
Acq: 17 Mar 2021 13:59

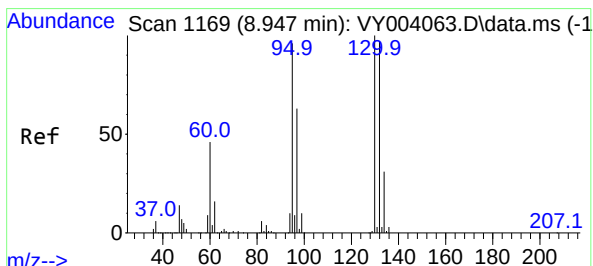
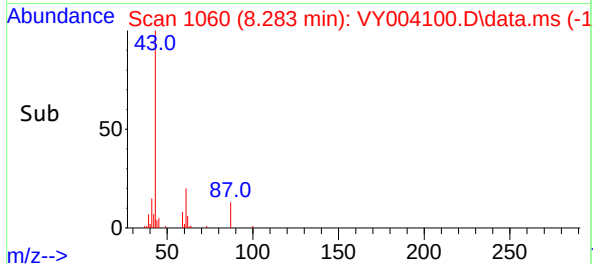
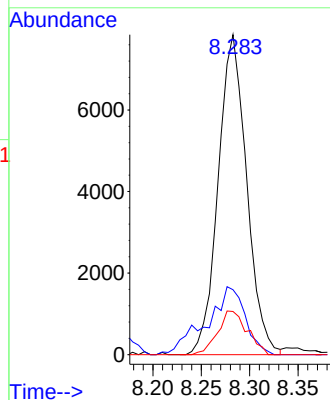
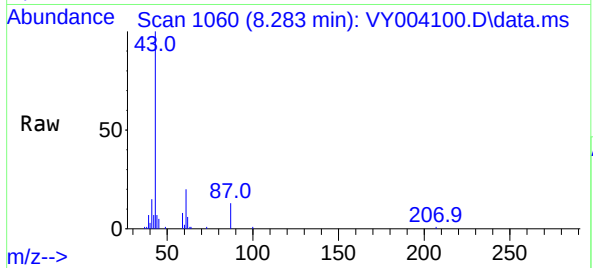
Tgt Ion: 43 Resp: 16077

Ion	Ratio	Lower	Upper
43	100		
61	29.0	22.1	33.1
87	14.2	9.8	14.8

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

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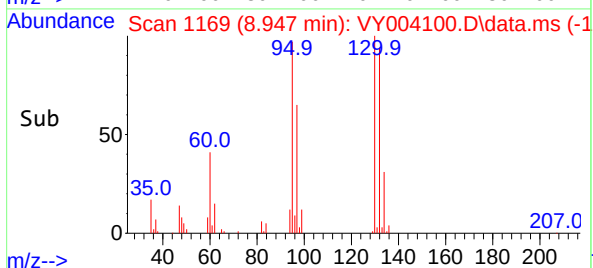
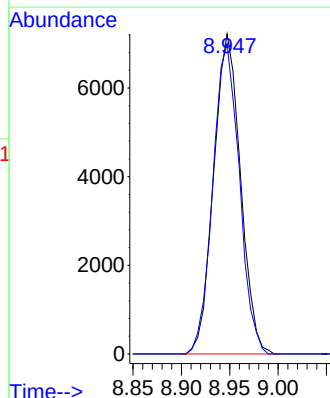
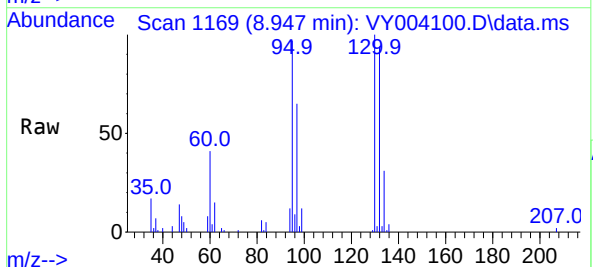
MMDadoda
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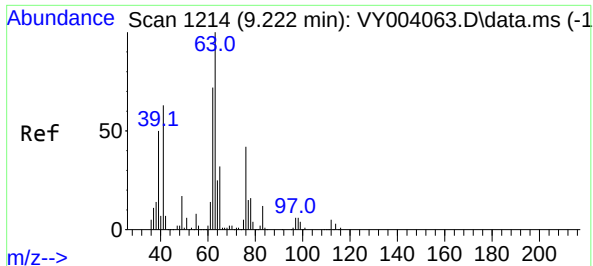


#44
Trichloroethene
Concen: 5.66 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VY004100.D
Acq: 17 Mar 2021 13:59

Tgt Ion:130 Resp: 13913

Ion	Ratio	Lower	Upper
130	100		
95	97.0	0.0	188.0





#45

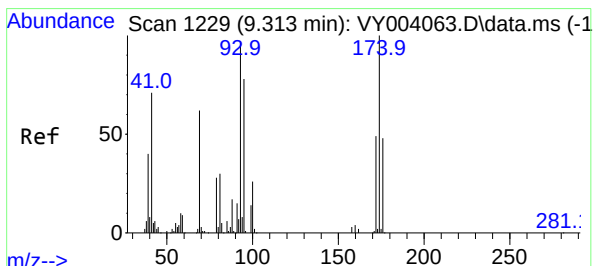
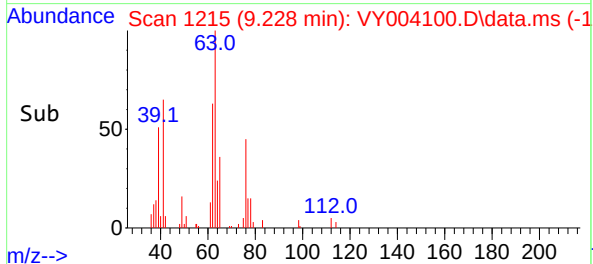
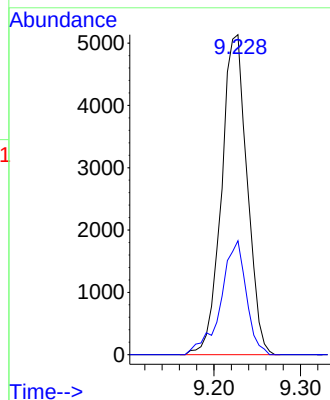
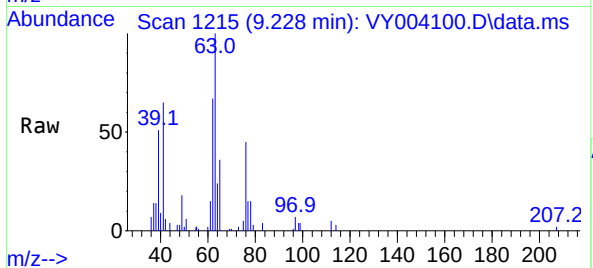
1,2-Dichloropropane
Concen: 4.98 ug/l
RT: 9.228 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VY004100.D
Acq: 17 Mar 2021 13:59

Tgt Ion: 63 Resp: 10548
Ion Ratio Lower Upper
63 100
65 35.6 24.4 36.6

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

Manual Integrations
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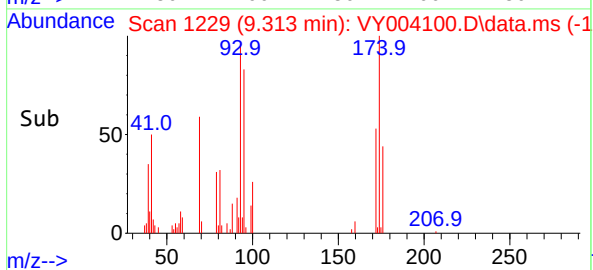
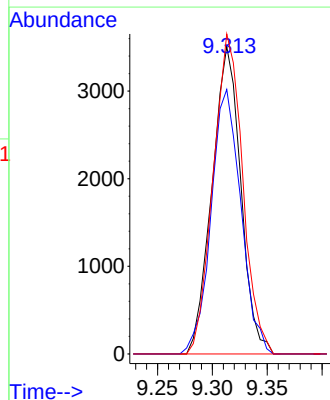
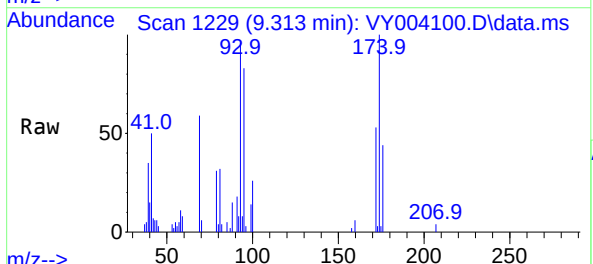
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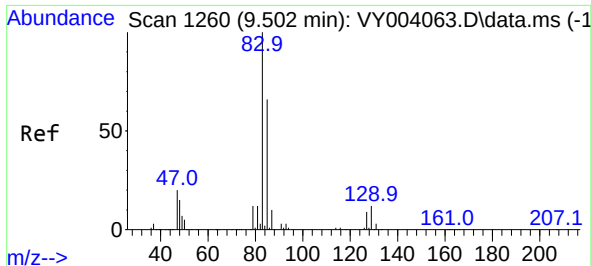


#46

Dibromomethane
Concen: 5.29 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VY004100.D
Acq: 17 Mar 2021 13:59

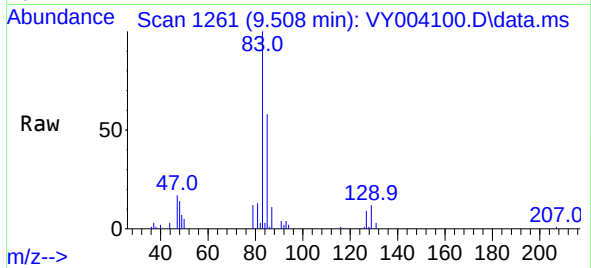
Tgt Ion: 93 Resp: 6403
Ion Ratio Lower Upper
93 100
95 89.0 66.3 99.5
174 106.8 88.1 132.1





#47
Bromodichloromethane
Concen: 5.09 ug/l
RT: 9.508 min Scan# 1261
Delta R.T. 0.006 min
Lab File: VY004100.D
Acq: 17 Mar 2021 13:59

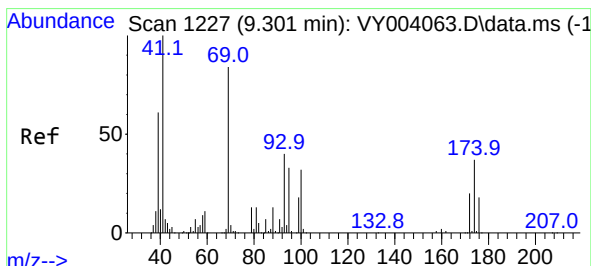
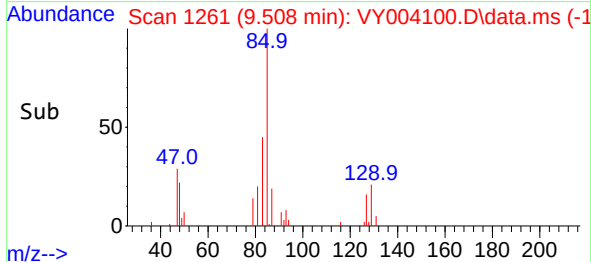
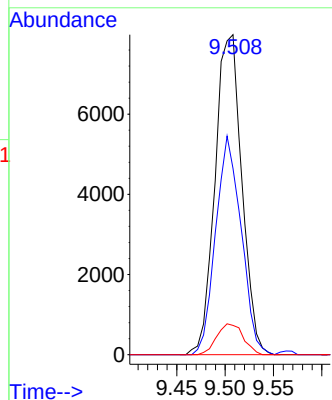
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2021



Tgt Ion: 83 Resp: 15397
Ion Ratio Lower Upper
83 100
85 58.2 51.6 77.4
127 9.1 6.5 9.7

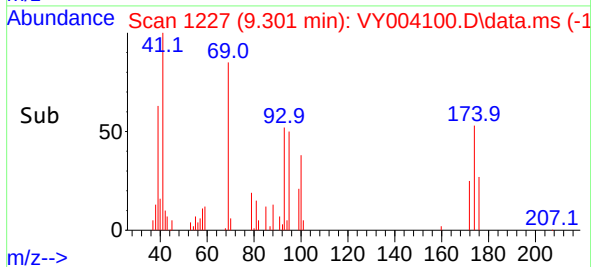
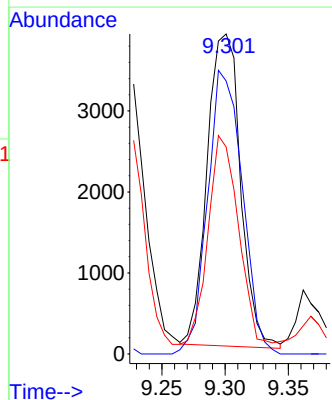
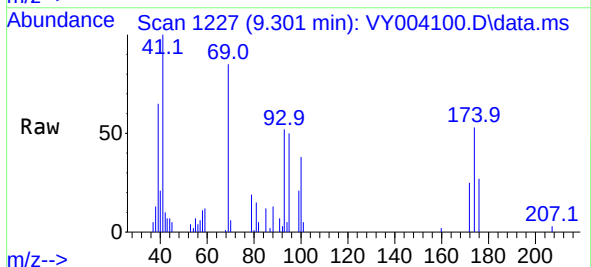
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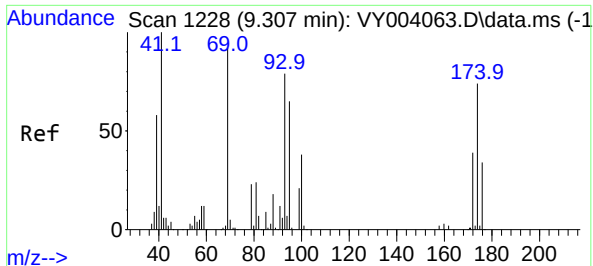
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#48
Methyl methacrylate
Concen: 4.57 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VY004100.D
Acq: 17 Mar 2021 13:59

Tgt Ion: 41 Resp: 7068
Ion Ratio Lower Upper
41 100
69 94.6 65.1 97.7
39 67.6 44.2 66.2#





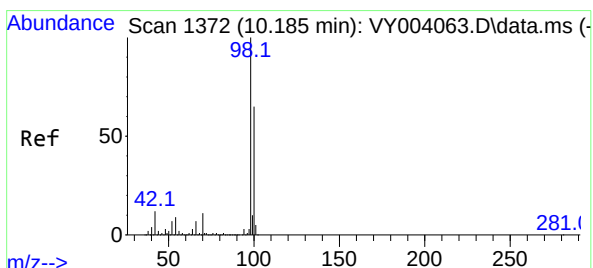
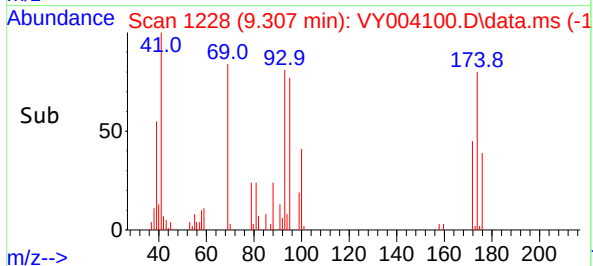
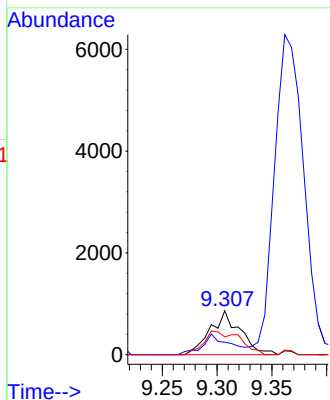
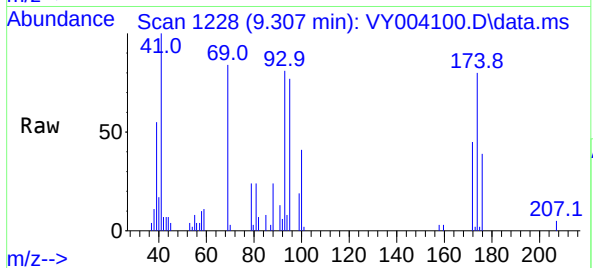
#49
1,4-Dioxane
Concen: 106.48 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VY004100.D
Acq: 17 Mar 2021 13:59

Tgt Ion: 88 Resp: 1641
Ion Ratio Lower Upper
88 100
43 42.0 32.0 48.0
58 64.5 56.5 84.7

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

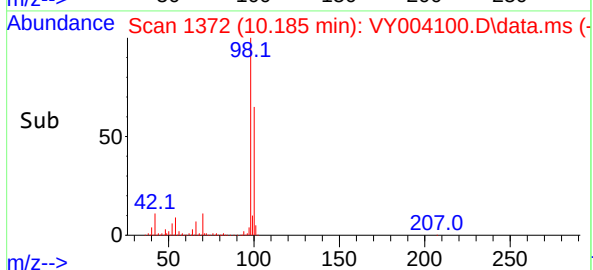
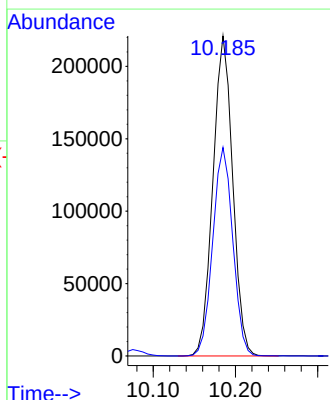
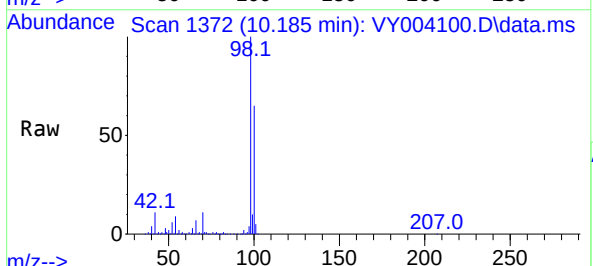
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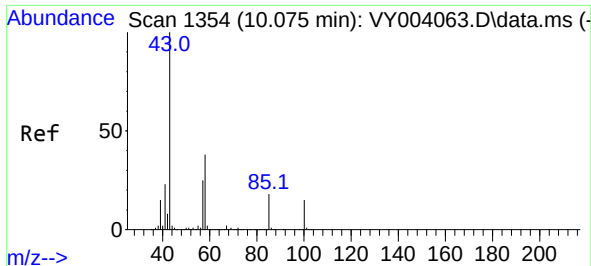
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#50
Toluene-d8
Concen: 48.75 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004100.D
Acq: 17 Mar 2021 13:59

Tgt Ion: 98 Resp: 369375
Ion Ratio Lower Upper
98 100
100 66.1 51.8 77.6





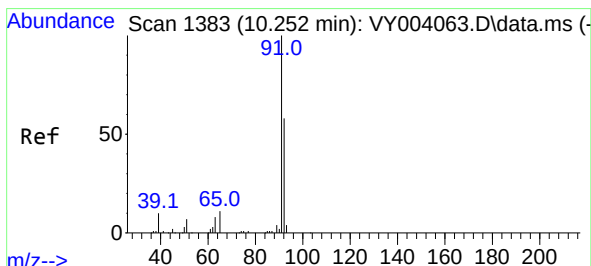
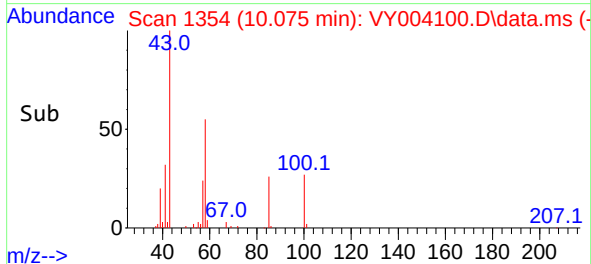
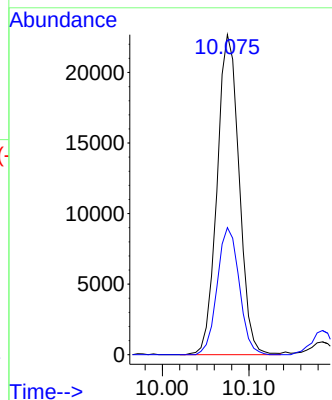
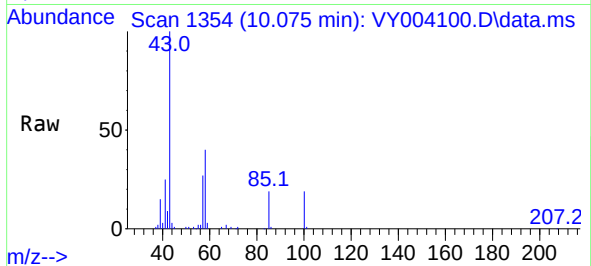
#51
4-Methyl-2-Pentanone
Concen: 24.34 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY004100.D
Acq: 17 Mar 2021 13:59

Tgt Ion: 43 Resp: 40115
Ion Ratio Lower Upper
43 100
58 39.6 29.8 44.8

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

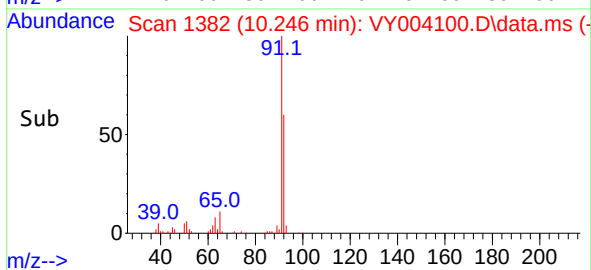
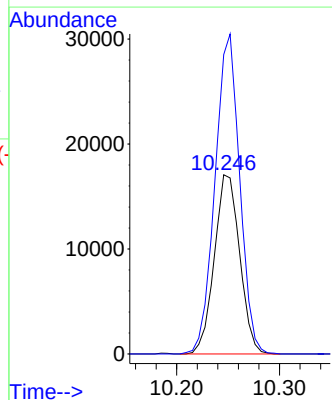
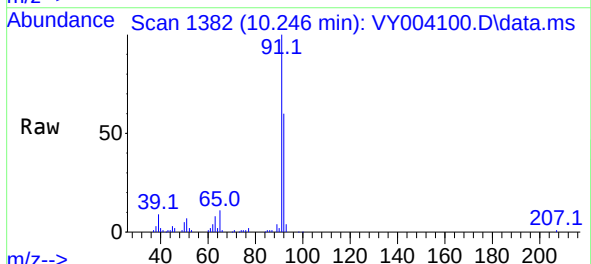
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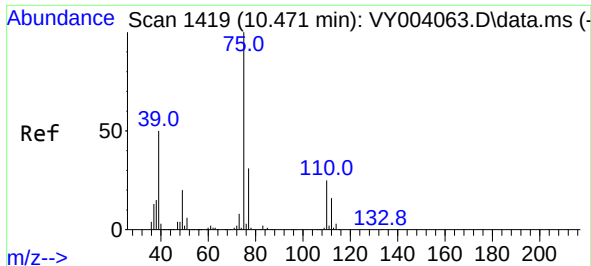
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#52
Toluene
Concen: 5.31 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.006 min
Lab File: VY004100.D
Acq: 17 Mar 2021 13:59

Tgt Ion: 92 Resp: 29187
Ion Ratio Lower Upper
92 100
91 174.1 141.0 211.4





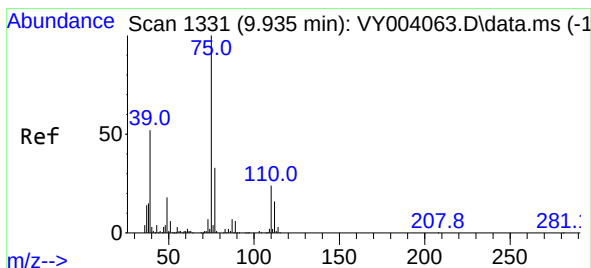
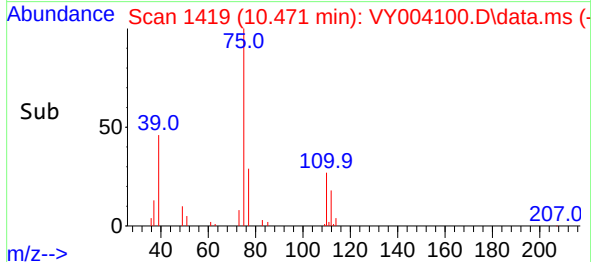
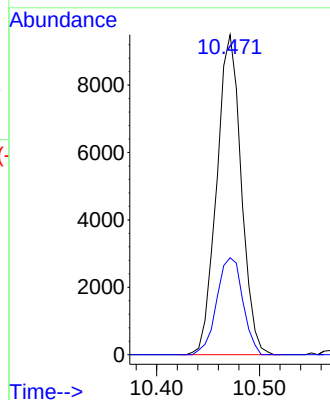
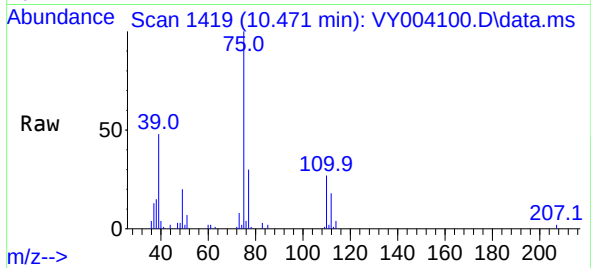
#53
t-1,3-Dichloropropene
Concen: 4.93 ug/l
RT: 10.471 min Scan# 1419
Delta R.T. 0.000 min
Lab File: VY004100.D
Acq: 17 Mar 2021 13:59

Tgt Ion: 75 Resp: 15721
Ion Ratio Lower Upper
75 100
77 30.3 24.5 36.7

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

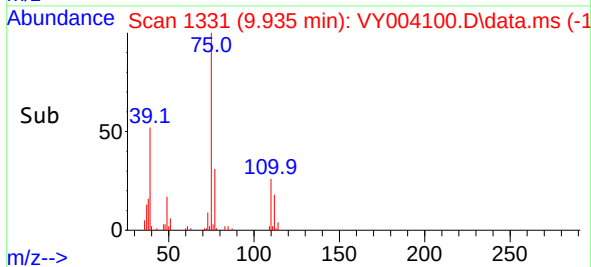
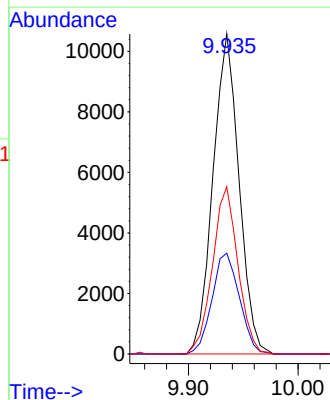
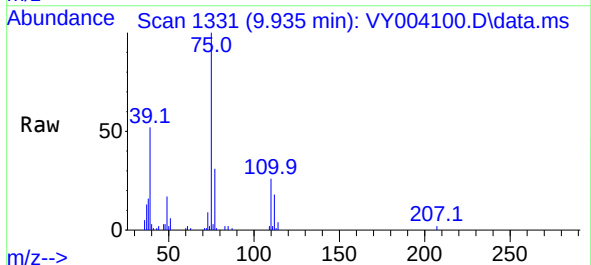
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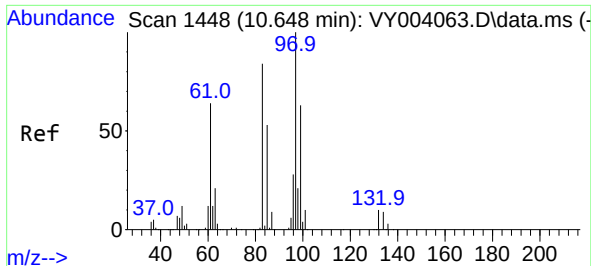
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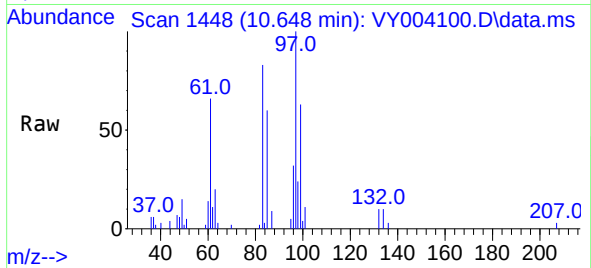
#54
cis-1,3-Dichloropropene
Concen: 4.88 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. -0.000 min
Lab File: VY004100.D
Acq: 17 Mar 2021 13:59

Tgt Ion: 75 Resp: 17427
Ion Ratio Lower Upper
75 100
77 31.5 24.2 36.4
39 52.2 40.4 60.6

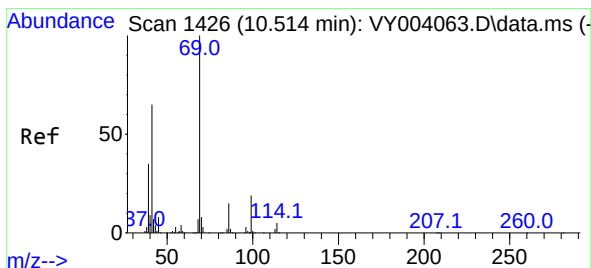
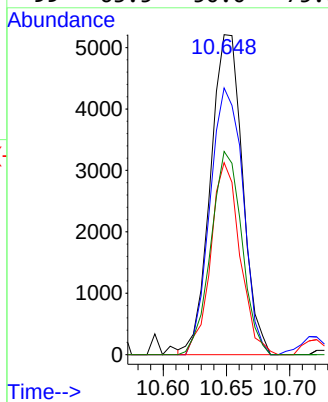
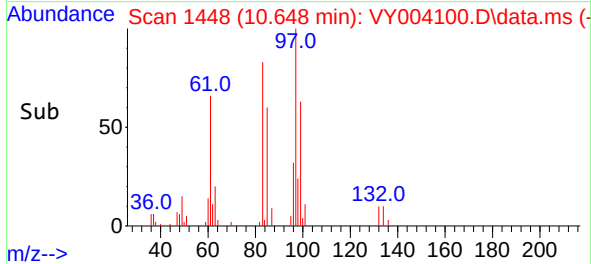




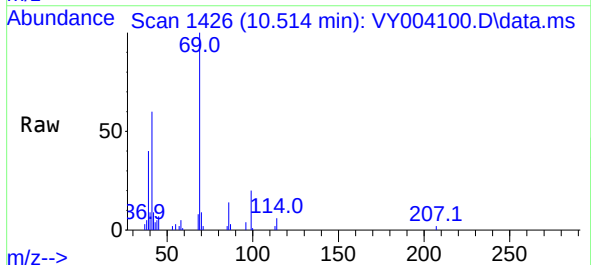
#55
1,1,2-Trichloroethane
Concen: 5.39 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY004100.D
Acq: 17 Mar 2021 13:59



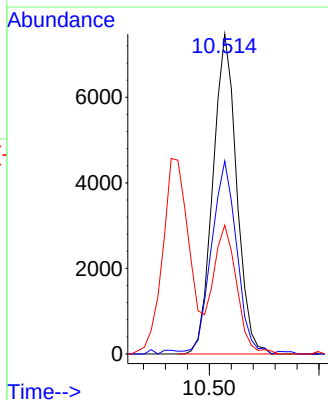
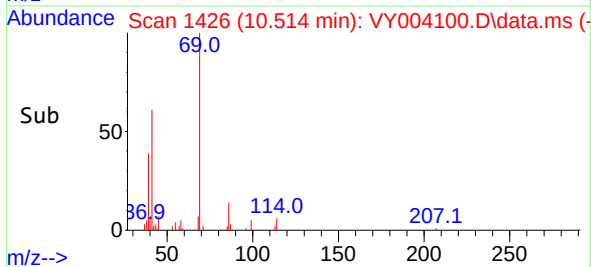
Tgt Ion:	97	Resp:	9185
Ion	Ratio	Lower	Upper
97	100		
83	83.3	69.4	104.0
85	60.0	43.4	65.0
99	63.5	50.0	75.0



#56
Ethyl methacrylate
Concen: 4.72 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VY004100.D
Acq: 17 Mar 2021 13:59



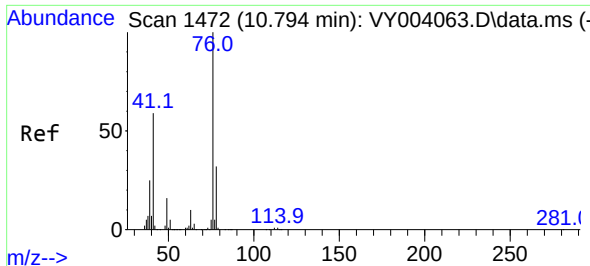
Tgt Ion:	69	Resp:	11239
Ion	Ratio	Lower	Upper
69	100		
41	61.9	57.2	85.8
39	38.7	27.8	41.6



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

Manual Integrations
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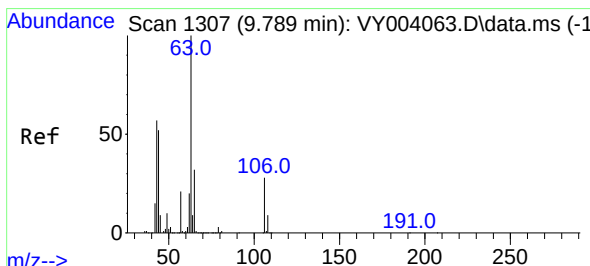
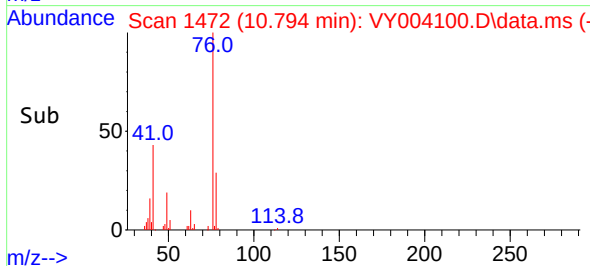
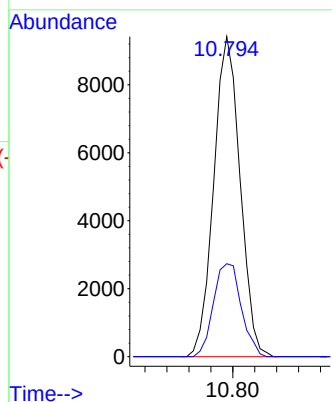
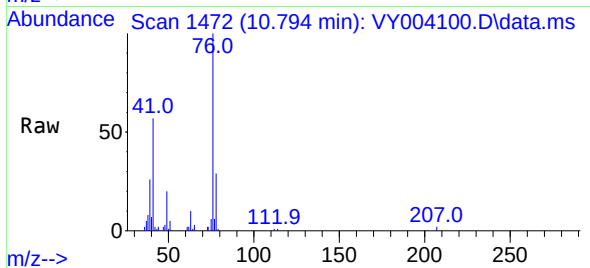
#57
1,3-Dichloropropane
Concen: 5.39 ug/l
RT: 10.794 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VY004100.D
Acq: 17 Mar 2021 13:59

Tgt Ion: 76 Resp: 15716
Ion Ratio Lower Upper
76 100
78 30.6 25.5 38.3

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

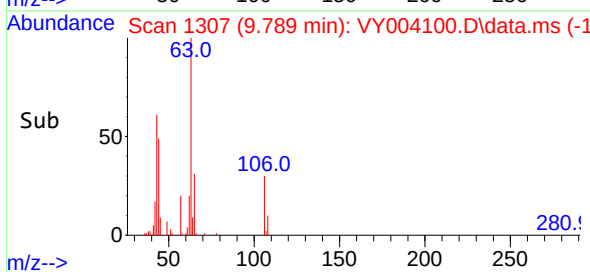
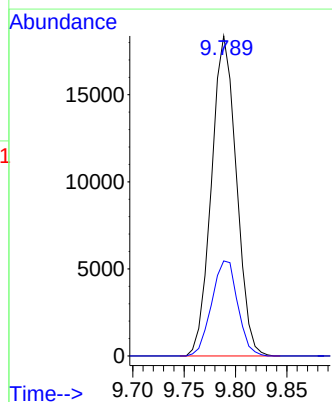
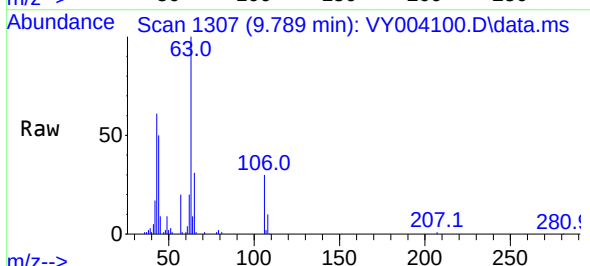
Manual Integrations
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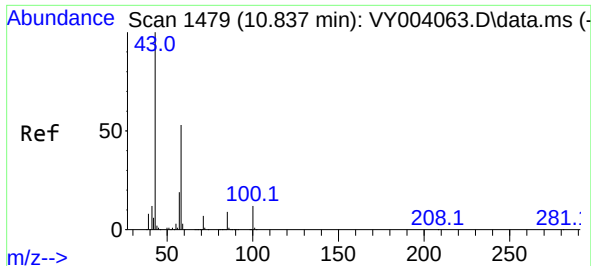
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#58
2-Chloroethyl Vinyl ether
Concen: 29.36 ug/l
RT: 9.789 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VY004100.D
Acq: 17 Mar 2021 13:59

Tgt Ion: 63 Resp: 31010
Ion Ratio Lower Upper
63 100
106 31.0 22.1 33.1





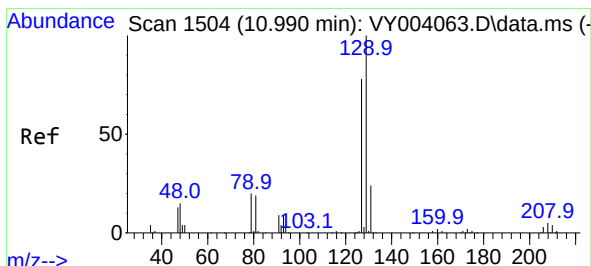
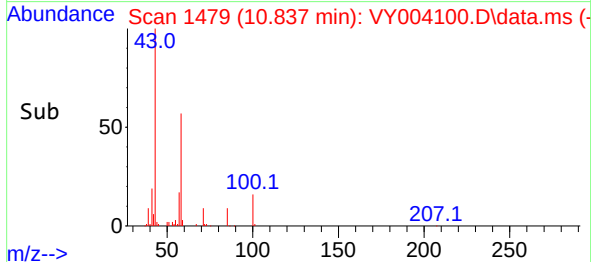
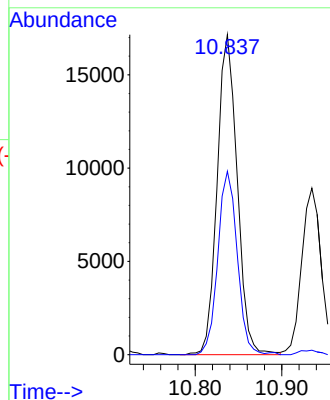
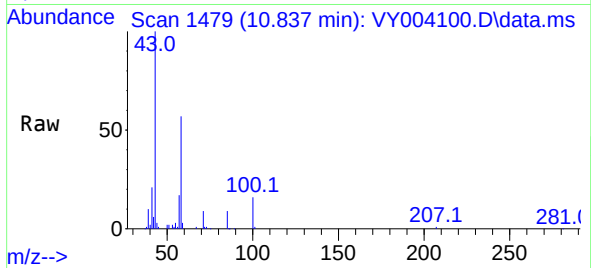
#59
2-Hexanone
Concen: 23.81 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY004100.D
Acq: 17 Mar 2021 13:59

Tgt Ion: 43 Resp: 27565
Ion Ratio Lower Upper
43 100
58 55.6 26.5 79.4

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

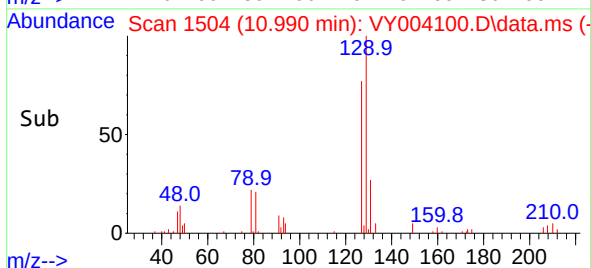
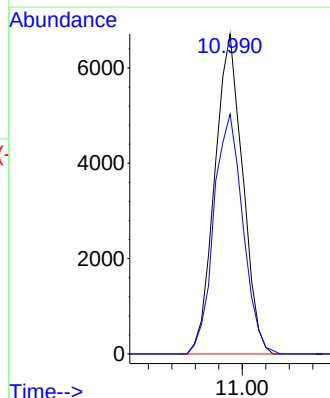
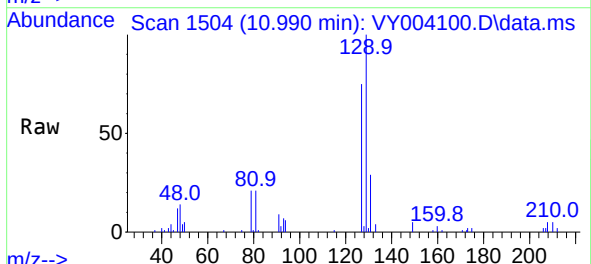
Manual Integrations
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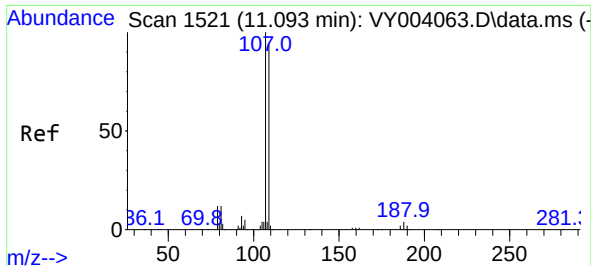
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3/18/2021 2:18:50 PM



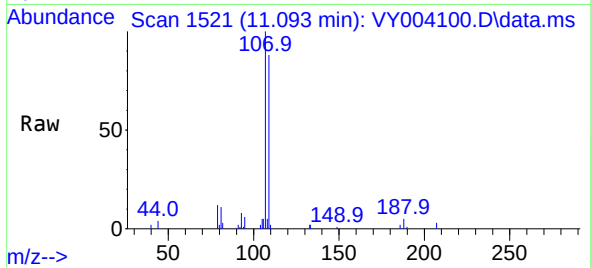
#60
Dibromochloromethane
Concen: 5.18 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. -0.000 min
Lab File: VY004100.D
Acq: 17 Mar 2021 13:59

Tgt Ion: 129 Resp: 11065
Ion Ratio Lower Upper
129 100
127 78.2 39.0 117.0

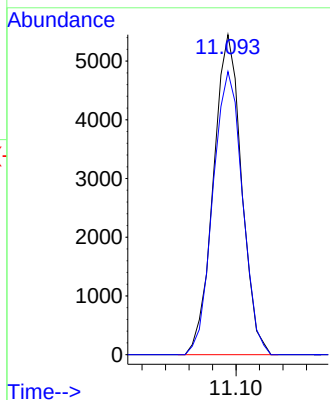
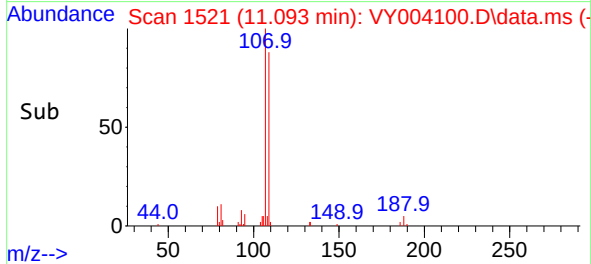




#61
1,2-Dibromoethane
Concen: 5.48 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY004100.D
Acq: 17 Mar 2021 13:59



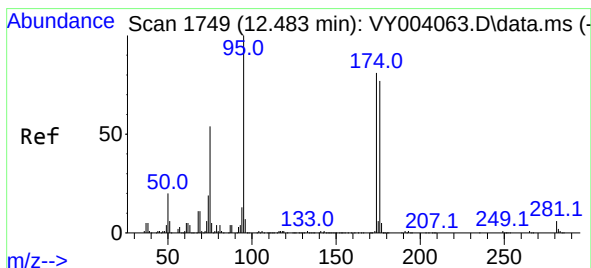
Tgt Ion: 107 Resp: 9082
Ion Ratio Lower Upper
107 100
109 92.5 76.7 115.1



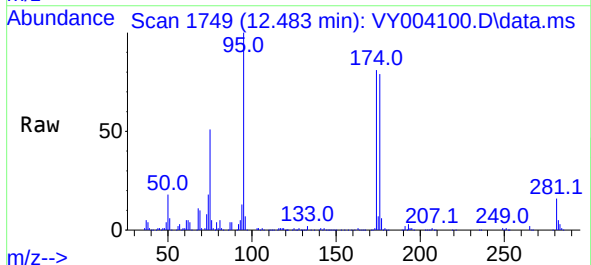
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2021

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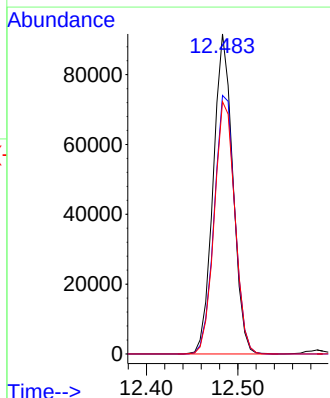
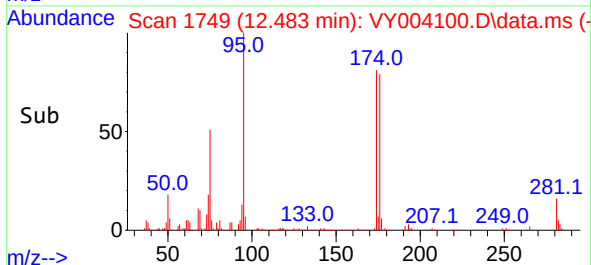
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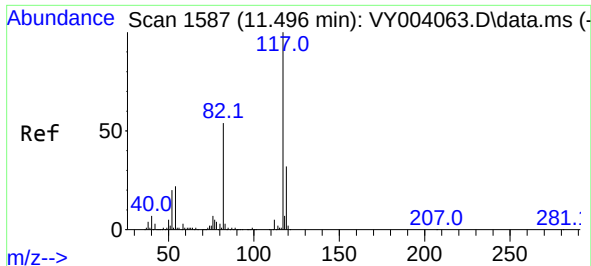


#62
4-Bromofluorobenzene
Concen: 48.87 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004100.D
Acq: 17 Mar 2021 13:59

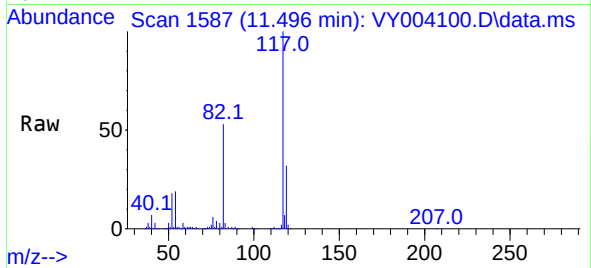


Tgt Ion: 95 Resp: 136745
Ion Ratio Lower Upper
95 100
174 84.7 0.0 179.0
176 82.5 0.0 174.4

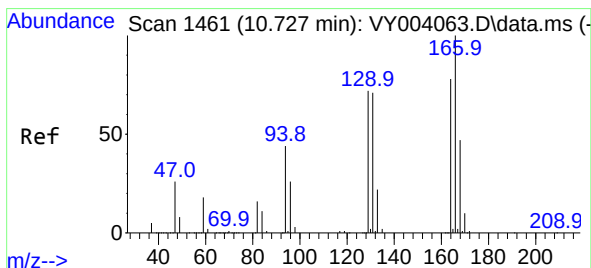
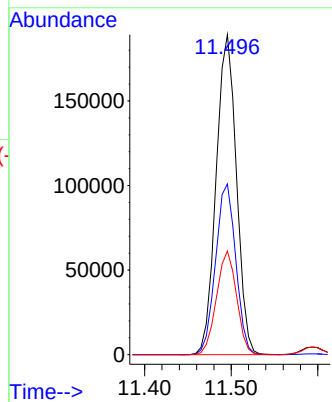
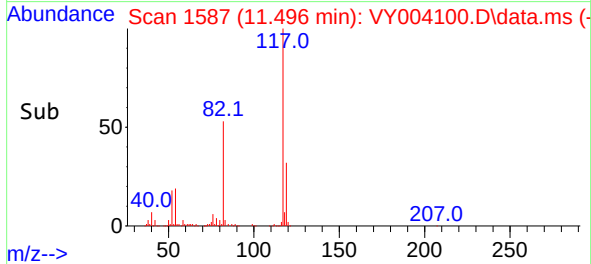




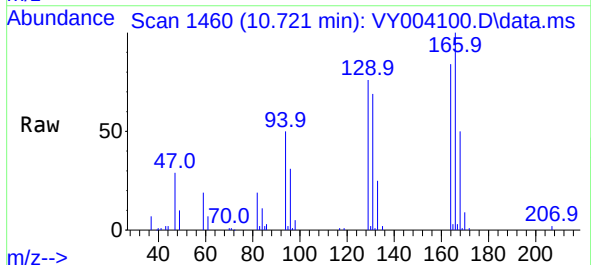
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004100.D
Acq: 17 Mar 2021 13:59



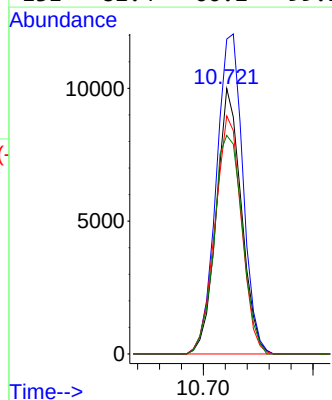
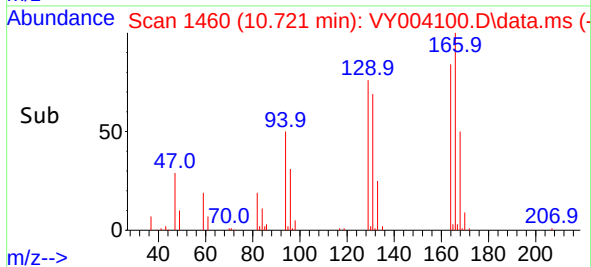
Tgt Ion:117 Resp: 307793
Ion Ratio Lower Upper
117 100
82 53.4 43.8 65.6
119 32.4 26.2 39.2



#64
Tetrachloroethene
Concen: 6.16 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VY004100.D
Acq: 17 Mar 2021 13:59



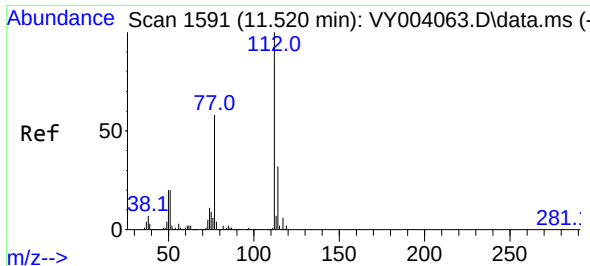
Tgt Ion:164 Resp: 15881
Ion Ratio Lower Upper
164 100
166 118.6 102.7 154.1
129 89.7 70.6 105.8
131 82.4 66.2 99.2



Instrument :
MSVOA_Y
ClientSampleId :
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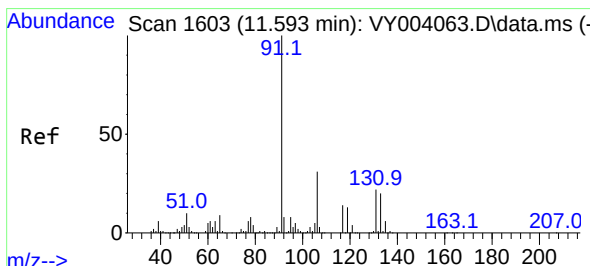
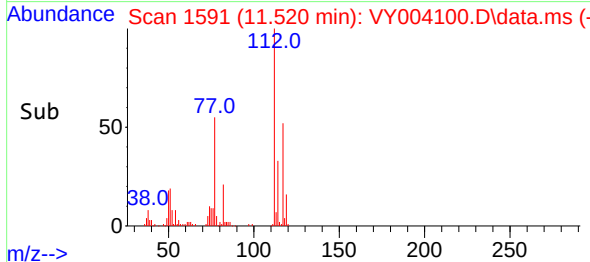
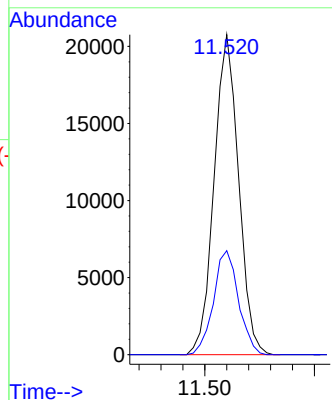
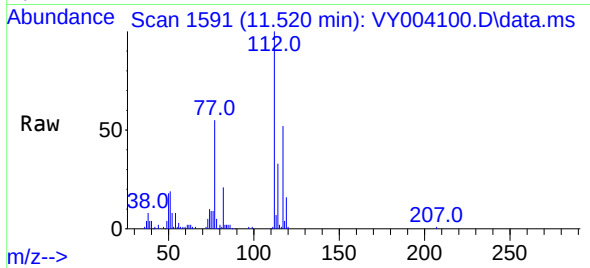
#65
Chlorobenzene
Concen: 5.45 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY004100.D
Acq: 17 Mar 2021 13:59

Tgt Ion:112 Resp: 32156
Ion Ratio Lower Upper
112 100
114 32.5 26.5 39.7

Instrument :
MSVOA_Y
ClientSampleId :
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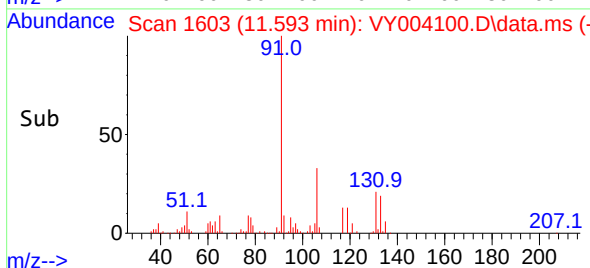
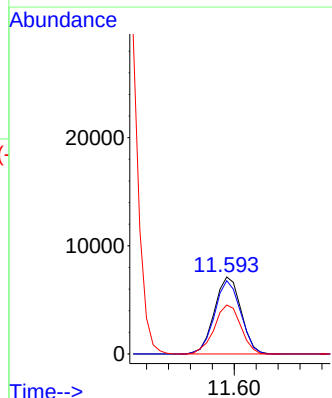
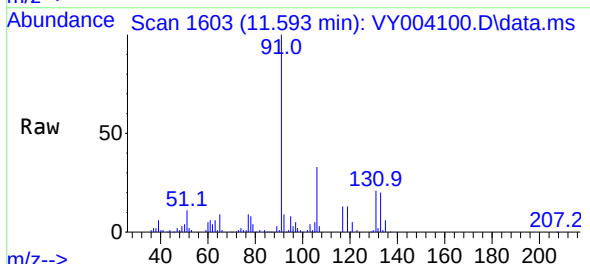
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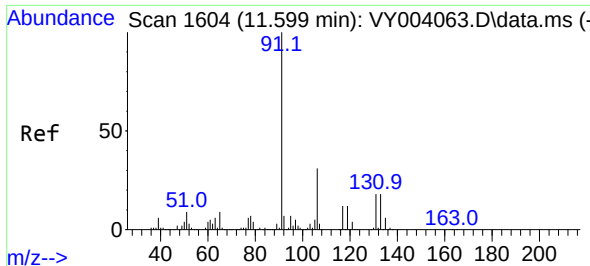
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#66
1,1,1,2-Tetrachloroethane
Concen: 5.43 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY004100.D
Acq: 17 Mar 2021 13:59

Tgt Ion:131 Resp: 11979
Ion Ratio Lower Upper
131 100
133 93.4 48.1 144.3
119 63.5 31.5 94.5





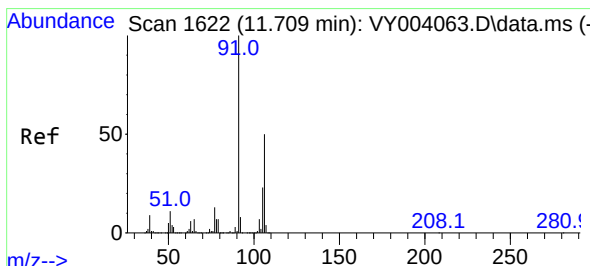
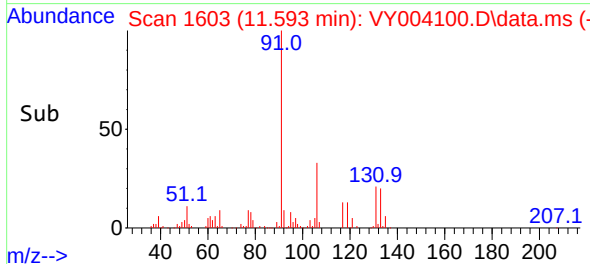
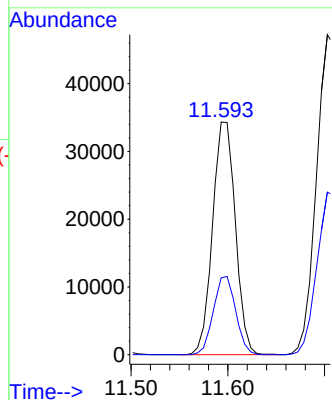
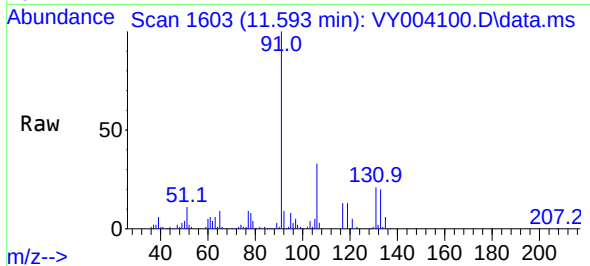
#67
Ethyl Benzene
Concen: 5.20 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.006 min
Lab File: VY004100.D
Acq: 17 Mar 2021 13:59

Tgt Ion: 91 Resp: 56272
Ion Ratio Lower Upper
91 100
106 33.0 24.5 36.7

Instrument :
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ClientSampleId :
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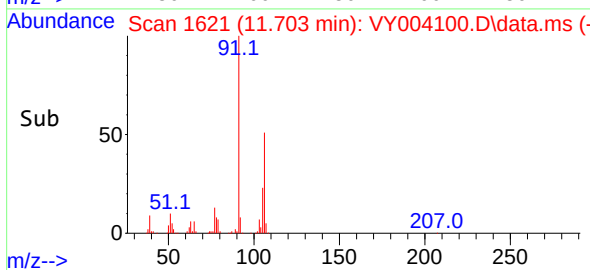
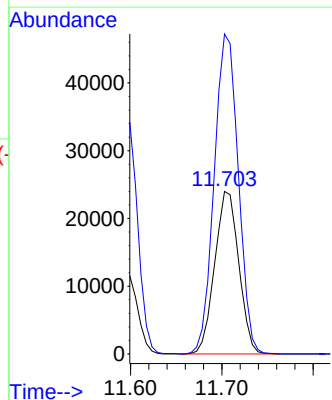
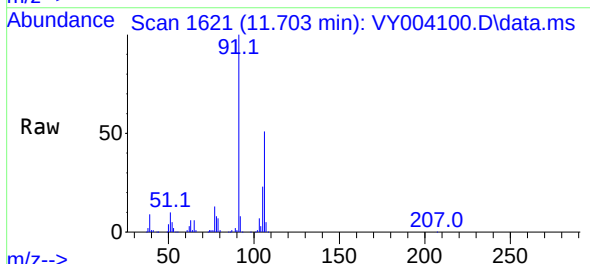
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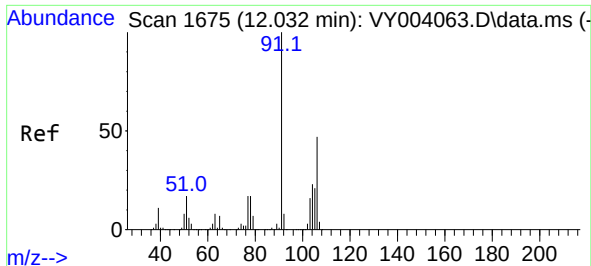
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#68
m/p-Xylenes
Concen: 10.63 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.006 min
Lab File: VY004100.D
Acq: 17 Mar 2021 13:59

Tgt Ion: 106 Resp: 43901
Ion Ratio Lower Upper
106 100
91 197.3 165.4 248.0





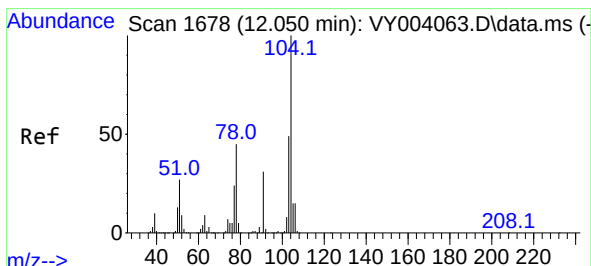
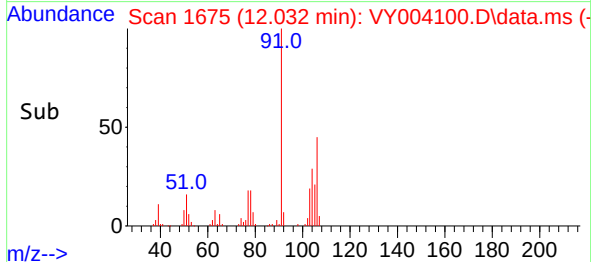
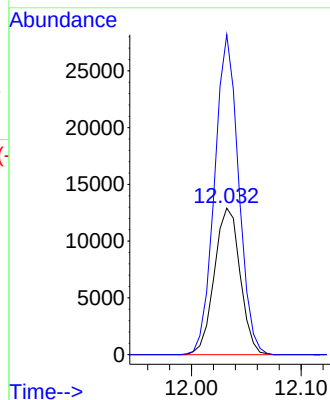
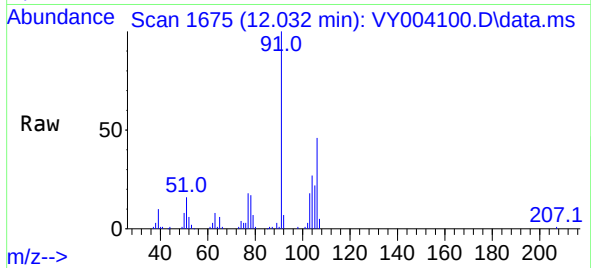
#69
o-Xylene
Concen: 5.41 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY004100.D
Acq: 17 Mar 2021 13:59

Tgt Ion:106 Resp: 21103
Ion Ratio Lower Upper
106 100
91 203.7 108.9 326.7

Instrument :
MSVOA_Y
ClientSampleId :
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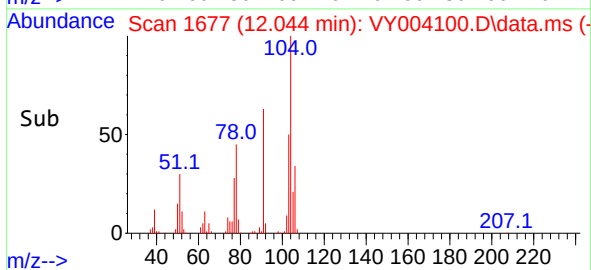
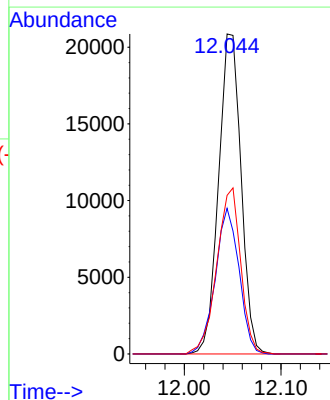
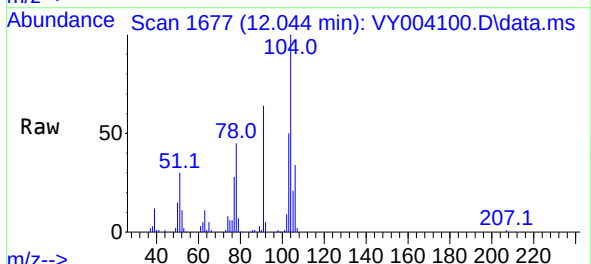
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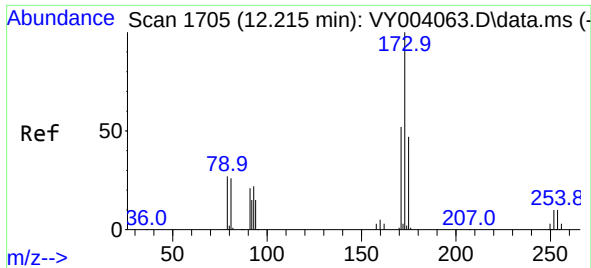
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#70
Styrene
Concen: 5.04 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.006 min
Lab File: VY004100.D
Acq: 17 Mar 2021 13:59

Tgt Ion:104 Resp: 33685
Ion Ratio Lower Upper
104 100
78 48.2 41.1 61.7
103 55.2 43.9 65.9





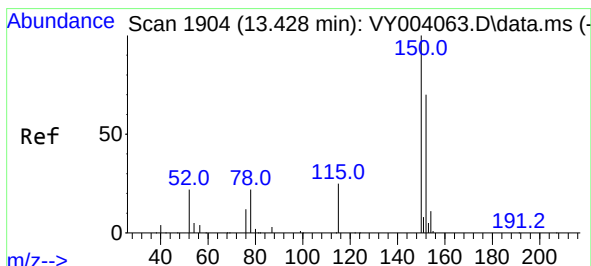
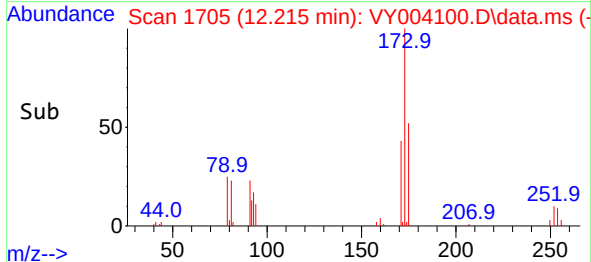
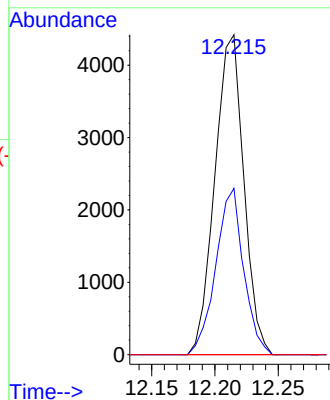
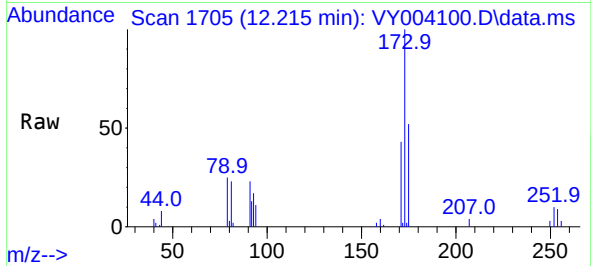
#71
Bromoform
Concen: 5.33 ug/l
RT: 12.215 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VY004100.D
Acq: 17 Mar 2021 13:59

Tgt Ion:	173	Resp:	7035
Ion Ratio	Lower	Upper	
173	100		
175	49.9	24.1	72.4
254	0.0	0.1	0.1#

Instrument :
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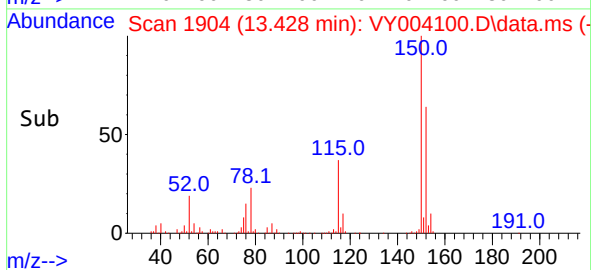
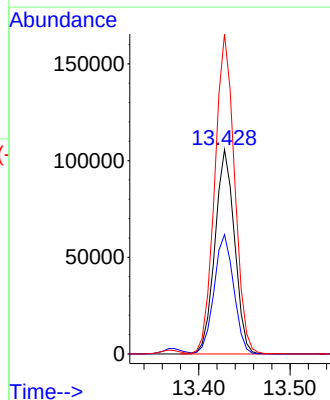
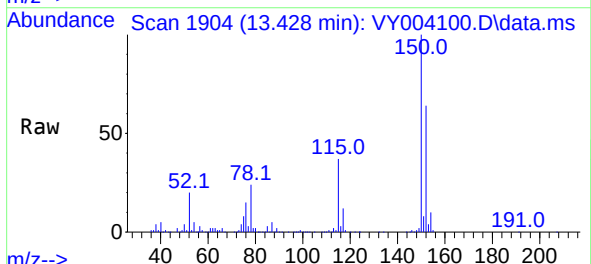
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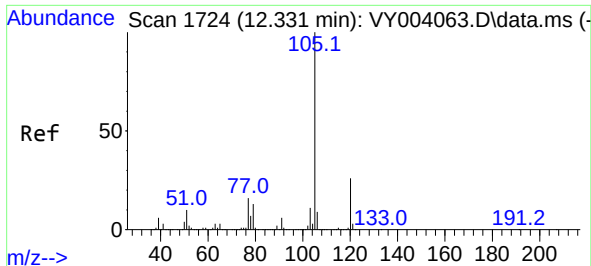
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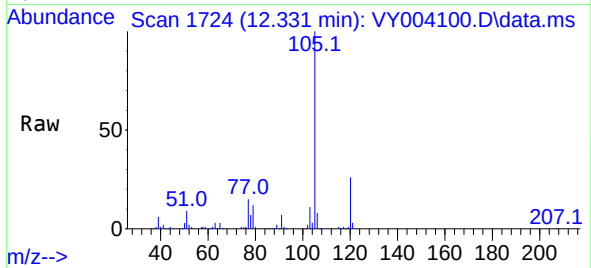
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004100.D
Acq: 17 Mar 2021 13:59

Tgt Ion:	152	Resp:	157302
Ion Ratio	Lower	Upper	
152	100		
115	58.7	28.2	84.6
150	158.6	0.0	347.2

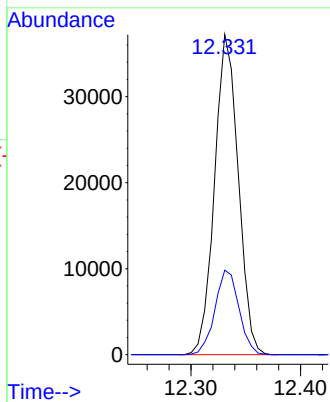
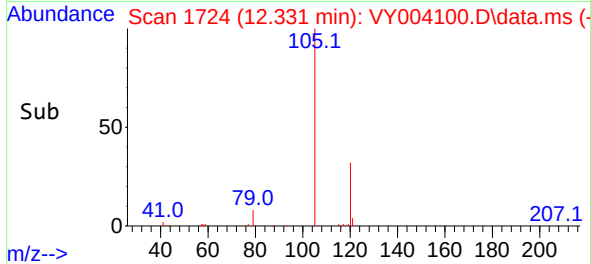




#73
Isopropylbenzene
Concen: 5.12 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY004100.D
Acq: 17 Mar 2021 13:59



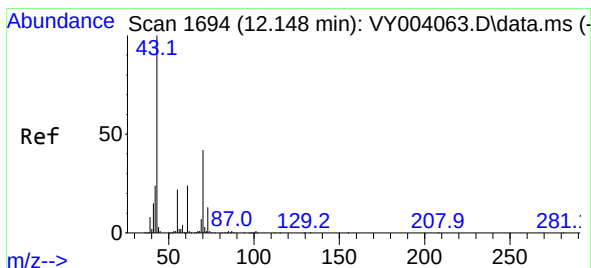
Tgt Ion: 105 Resp: 55958
Ion Ratio Lower Upper
105 100
120 26.7 13.3 39.9



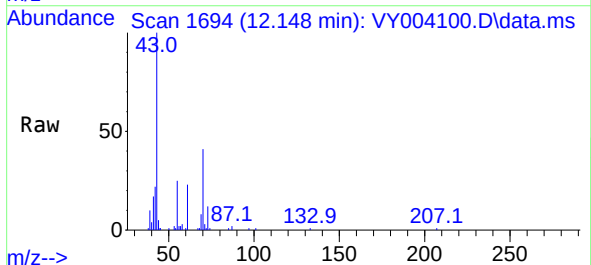
Instrument :
MSVOA_Y
ClientSampleId :
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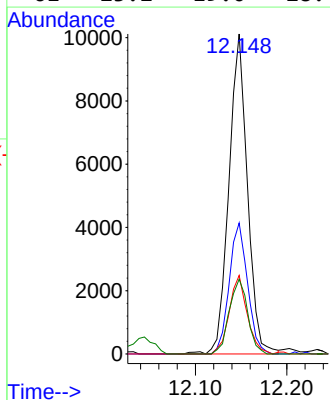
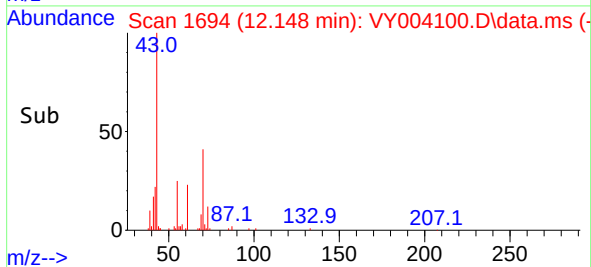
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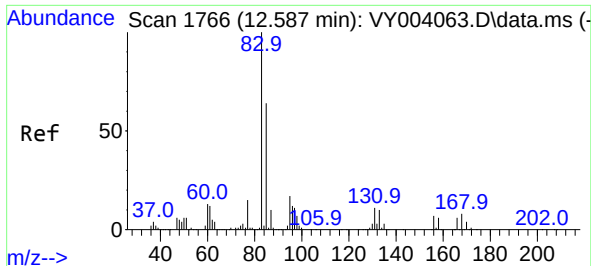


#74
N-ethyl acetate
Concen: 4.55 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VY004100.D
Acq: 17 Mar 2021 13:59

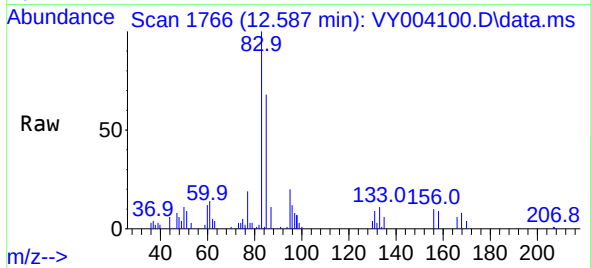


Tgt Ion: 43 Resp: 14234
Ion Ratio Lower Upper
43 100
70 40.6 32.3 48.5
55 23.9 18.4 27.6
61 23.2 19.0 28.4

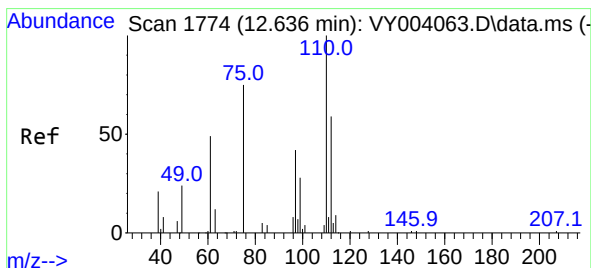
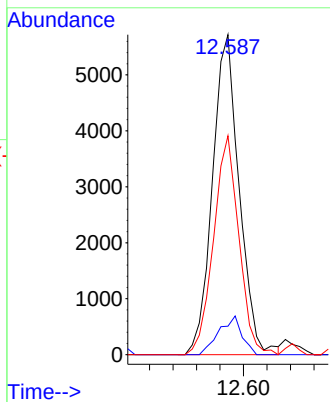
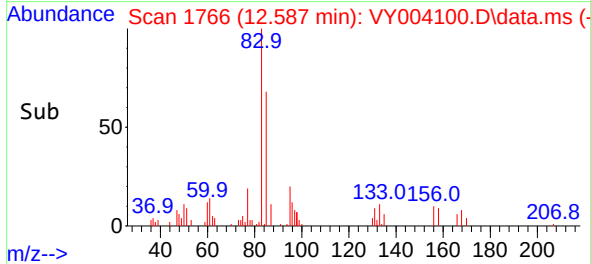




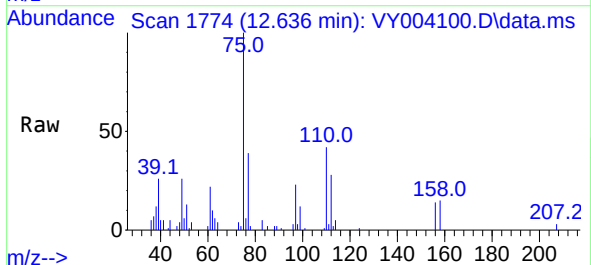
#75
1,1,2,2-Tetrachloroethane
Concen: 4.76 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. -0.000 min
Lab File: VY004100.D
Acq: 17 Mar 2021 13:59



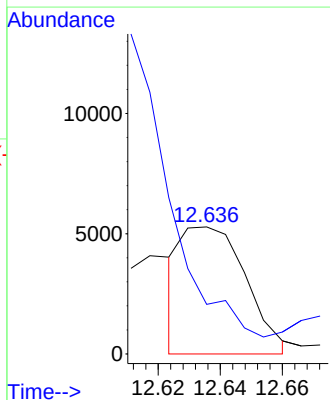
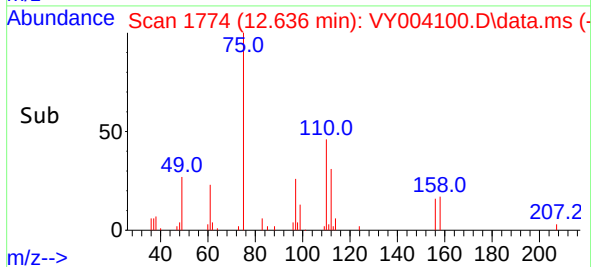
Tgt Ion: 83 Resp: 9037
Ion Ratio Lower Upper
83 100
131 10.4 5.5 16.4
85 64.7 31.6 95.0



#76
1,2,3-Trichloropropane
Concen: 5.05 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY004100.D
Acq: 17 Mar 2021 13:59



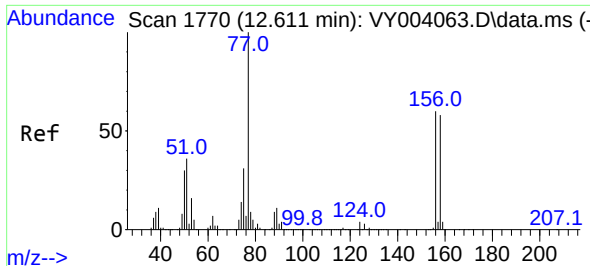
Tgt Ion: 75 Resp: 7619
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



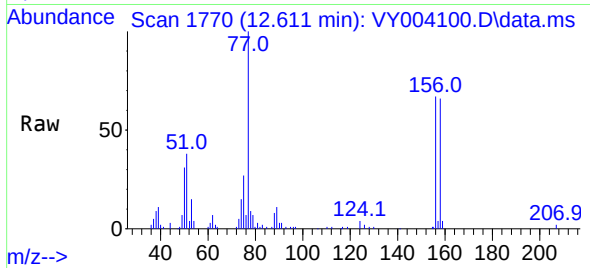
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2021

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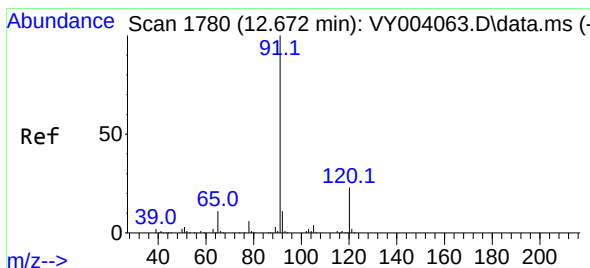
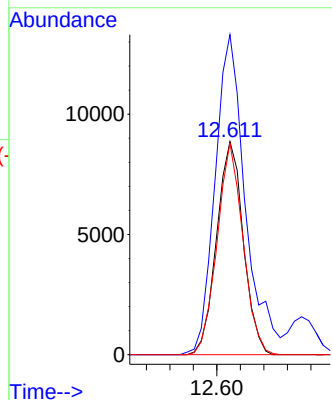
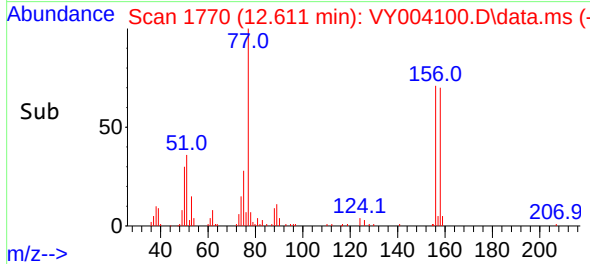
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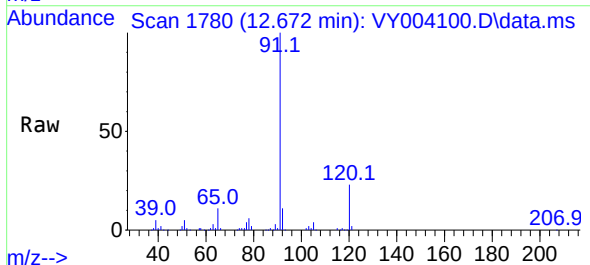
#77
Bromobenzene
Concen: 5.52 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY004100.D
Acq: 17 Mar 2021 13:59



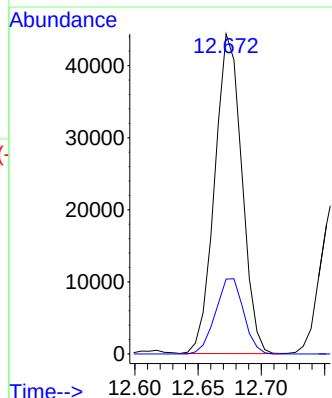
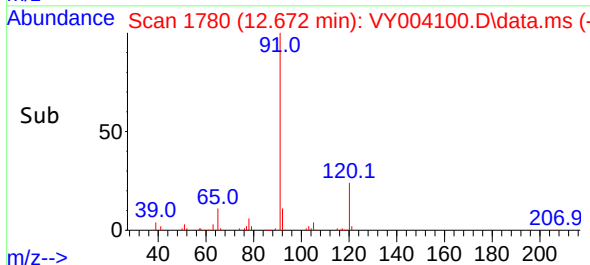
Tgt Ion: 156 Resp: 13951
Ion Ratio Lower Upper
156 100
77 170.4 90.5 271.3
158 96.4 48.9 146.6



#78
n-propylbenzene
Concen: 5.12 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY004100.D
Acq: 17 Mar 2021 13:59



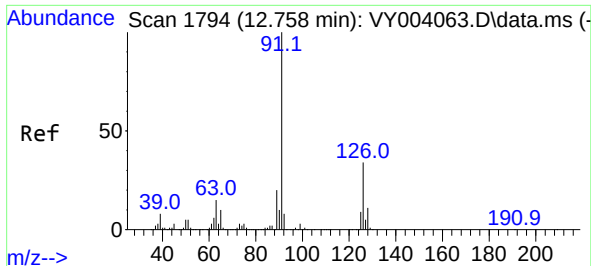
Tgt Ion: 91 Resp: 65986
Ion Ratio Lower Upper
91 100
120 24.4 11.3 33.9



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

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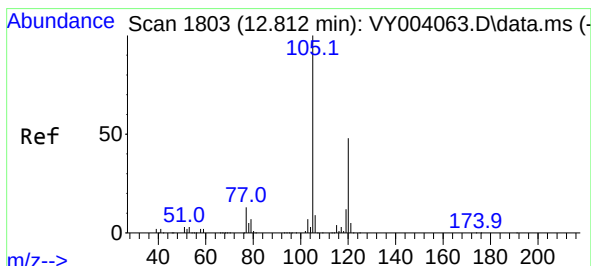
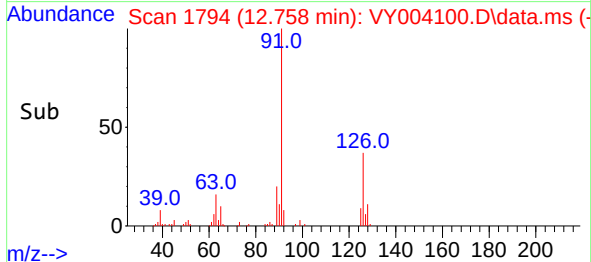
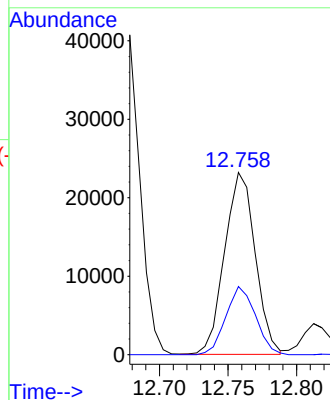
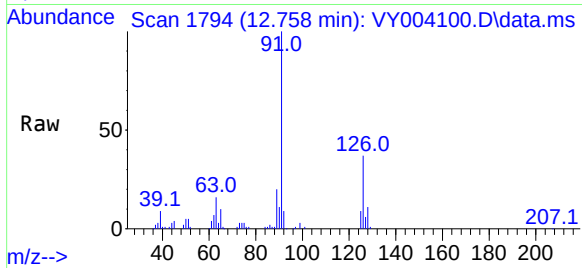
#79
2-Chlorotoluene
Concen: 4.99 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY004100.D
Acq: 17 Mar 2021 13:59

Tgt Ion: 91 Resp: 36094
Ion Ratio Lower Upper
91 100
126 36.3 17.0 51.0

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

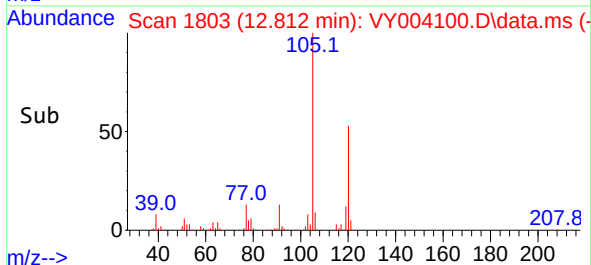
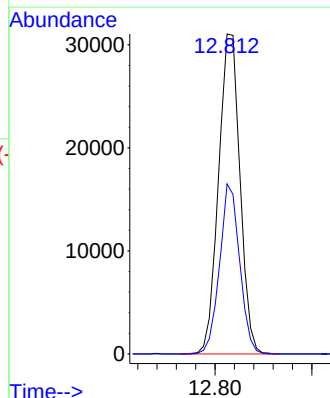
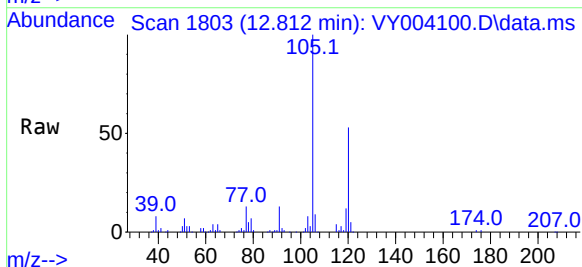
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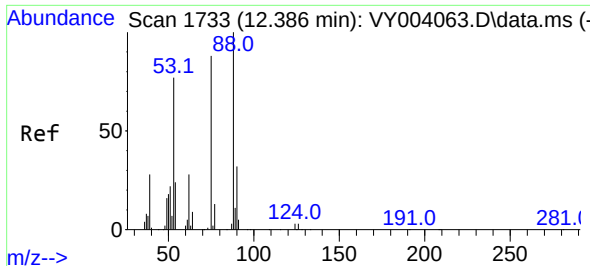
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#80
1,3,5-Trimethylbenzene
Concen: 5.15 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY004100.D
Acq: 17 Mar 2021 13:59

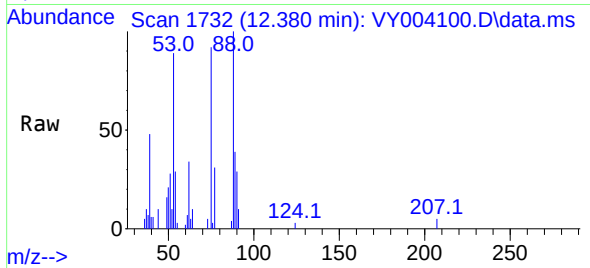
Tgt Ion: 105 Resp: 47736
Ion Ratio Lower Upper
105 100
120 49.6 24.1 72.2





#81
trans-1,4-Dichloro-2-butene
Concen: 4.68 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.006 min
Lab File: VY004100.D
Acq: 17 Mar 2021 13:59

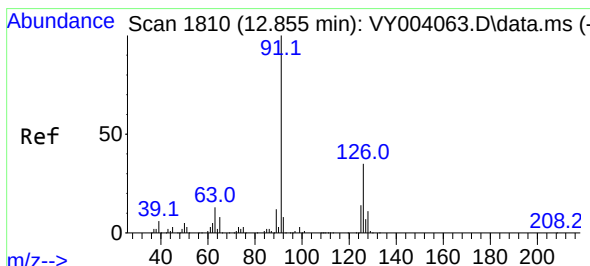
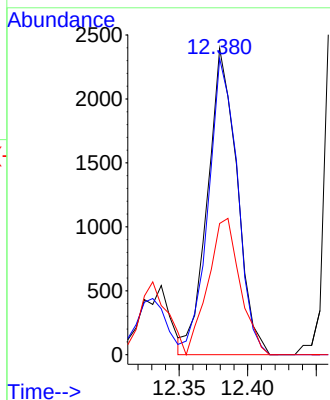
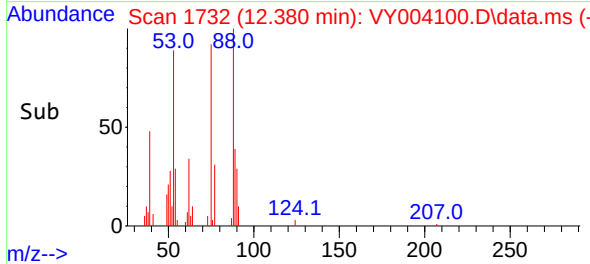
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2021



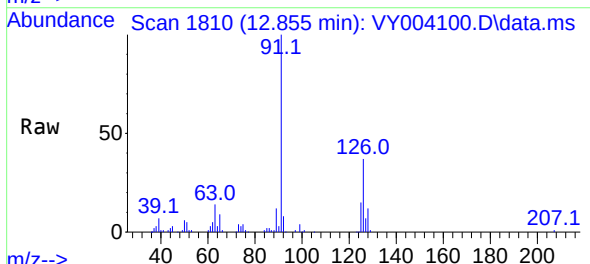
Tgt Ion: 75 Resp: 3578
Ion Ratio Lower Upper
75 100
53 95.4 73.5 110.3
89 48.4 35.7 53.5

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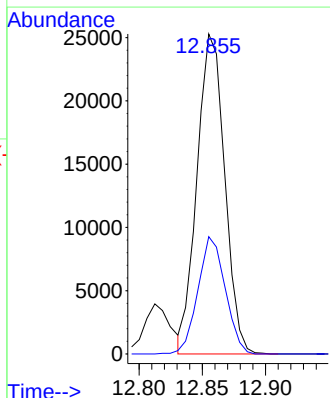
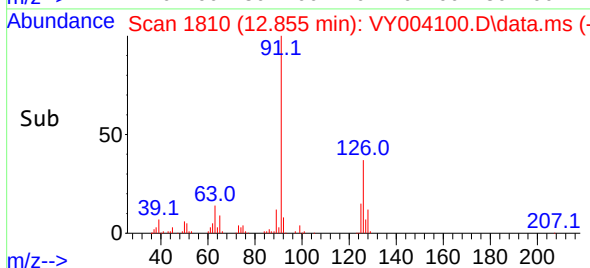
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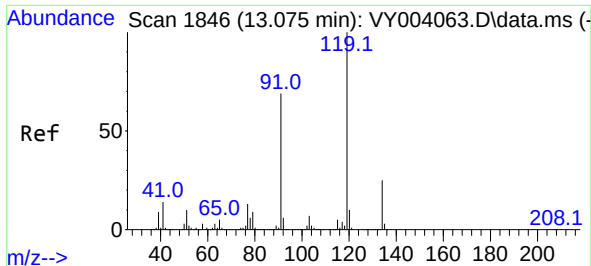


#82
4-Chlorotoluene
Concen: 5.03 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY004100.D
Acq: 17 Mar 2021 13:59



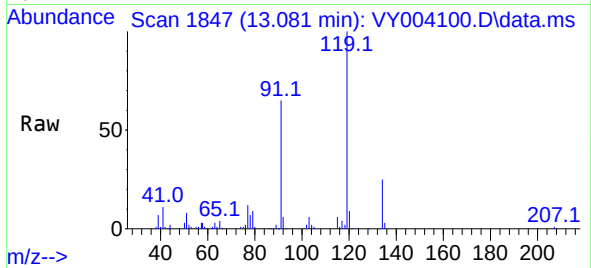
Tgt Ion: 91 Resp: 38502
Ion Ratio Lower Upper
91 100
126 36.2 16.8 50.4





#83
tert-Butylbenzene
Concen: 5.18 ug/l
RT: 13.081 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VY004100.D
Acq: 17 Mar 2021 13:59

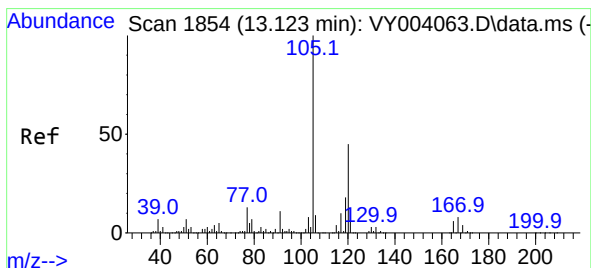
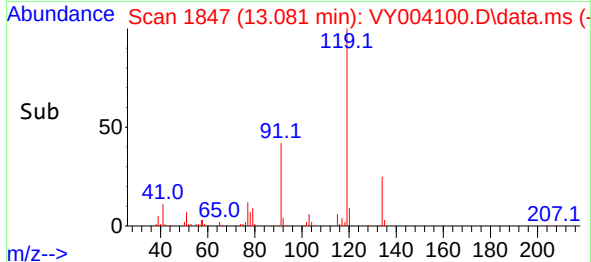
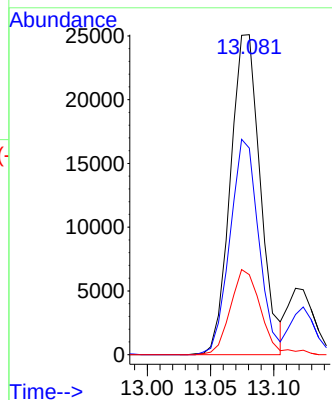
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2021



Tgt Ion:119 Resp: 41327
Ion Ratio Lower Upper
119 100
91 64.7 33.0 99.0
134 27.2 12.9 38.7

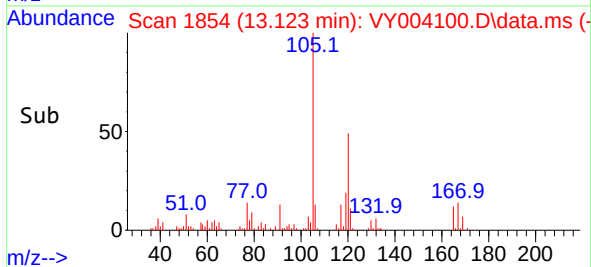
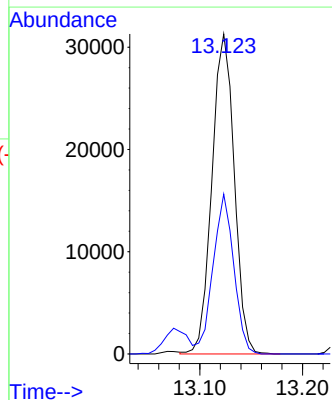
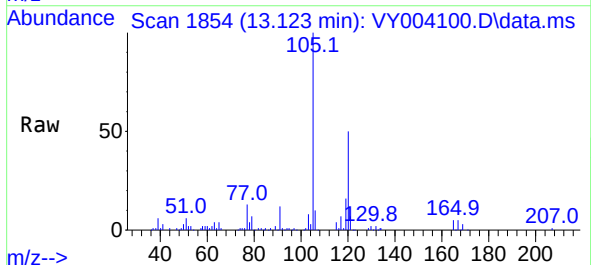
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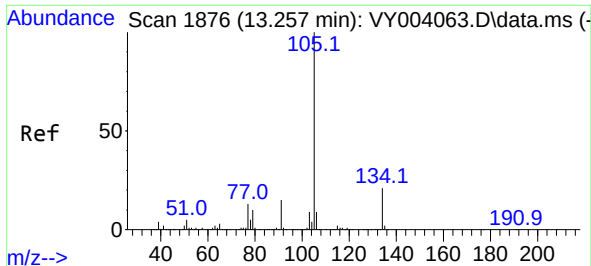
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#84
1,2,4-Trimethylbenzene
Concen: 5.09 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY004100.D
Acq: 17 Mar 2021 13:59

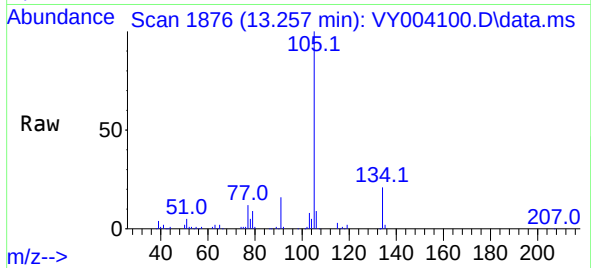
Tgt Ion:105 Resp: 47246
Ion Ratio Lower Upper
105 100
120 46.4 22.1 66.3





#85
 sec-Butylbenzene
 Concen: 5.18 ug/l
 RT: 13.257 min Scan# 1876
 Delta R.T. 0.000 min
 Lab File: VY004100.D
 Acq: 17 Mar 2021 13:59

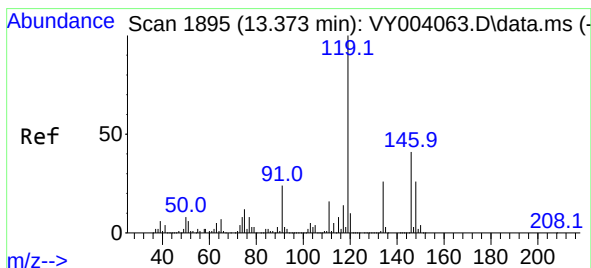
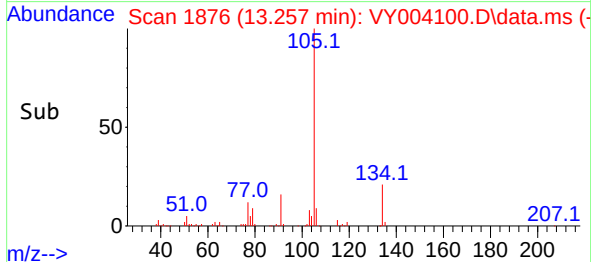
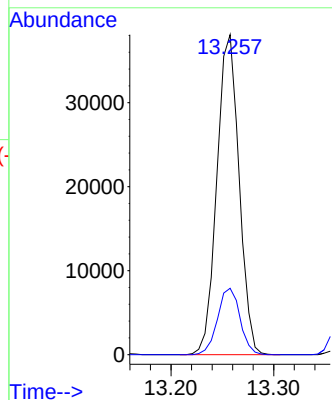
Instrument :
 MSVOA_Y
 ClientSampleId :
 LOQ-SOIL-02-QT1-2021



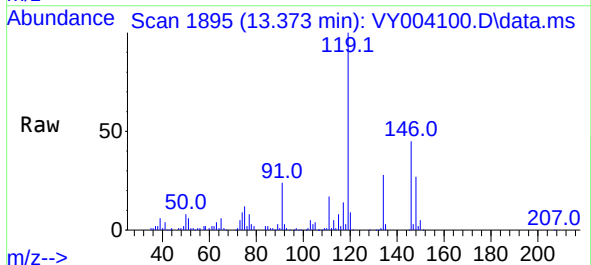
Tgt Ion:105 Resp: 56997
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.2 30.4

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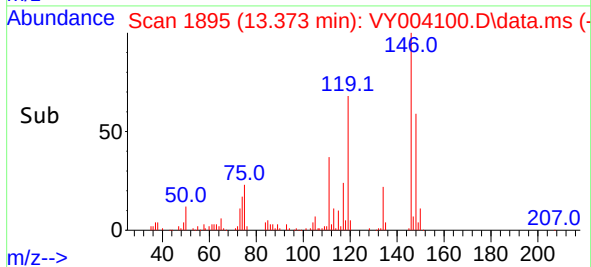
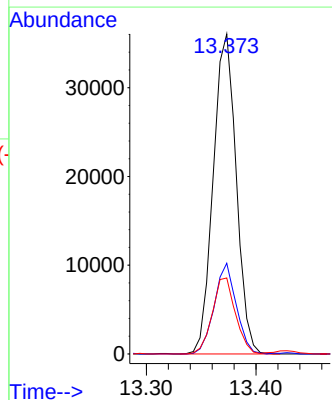
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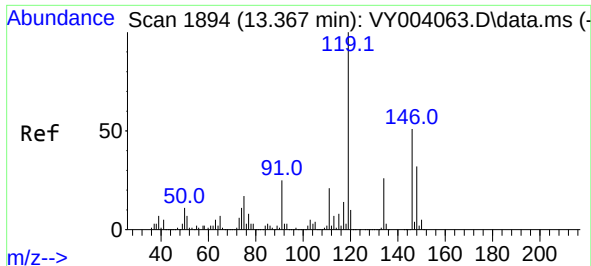


#86
 p-Isopropyltoluene
 Concen: 5.15 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.000 min
 Lab File: VY004100.D
 Acq: 17 Mar 2021 13:59

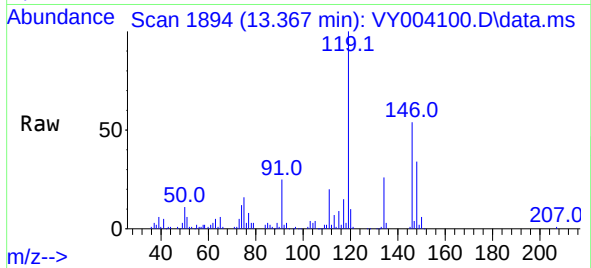


Tgt Ion:119 Resp: 52523
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.2 39.5
 91 24.0 12.1 36.3

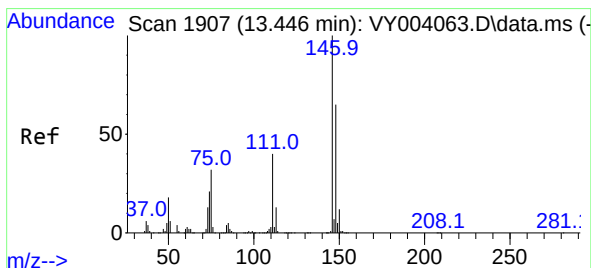
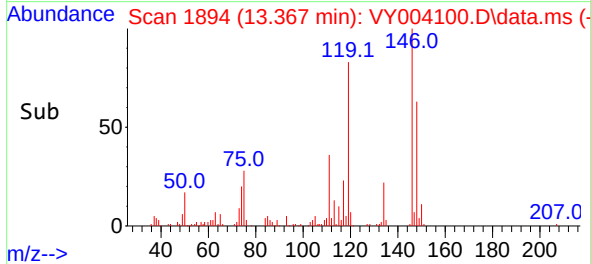
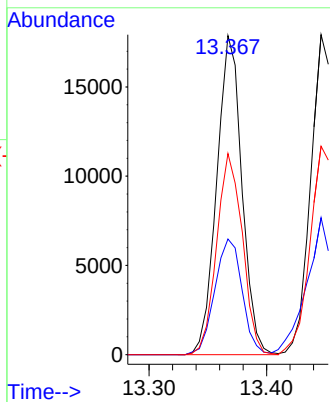




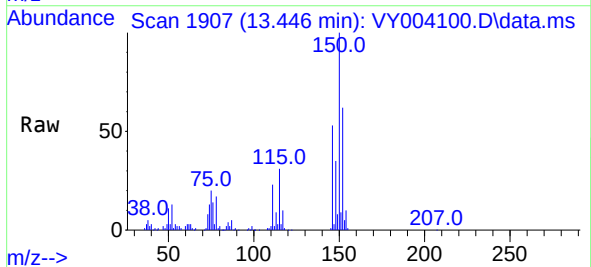
#87
1,3-Dichlorobenzene
Concen: 5.47 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY004100.D
Acq: 17 Mar 2021 13:59



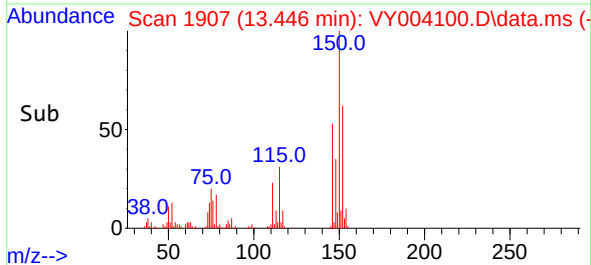
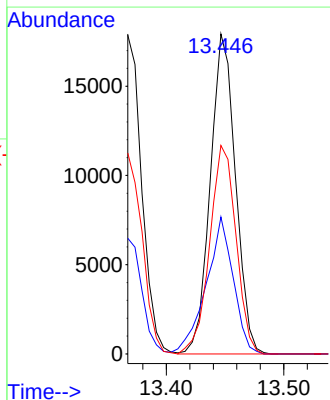
Tgt Ion:	146	Resp:	26660
Ion Ratio	Lower	Upper	
146	100		
111	39.3	18.9	56.7
148	64.3	31.9	95.9



#88
1,4-Dichlorobenzene
Concen: 5.49 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY004100.D
Acq: 17 Mar 2021 13:59



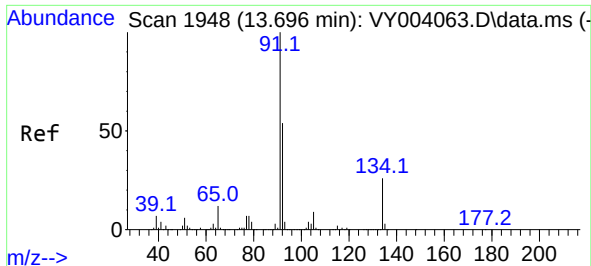
Tgt Ion:	146	Resp:	26727
Ion Ratio	Lower	Upper	
146	100		
111	46.0	18.6	55.8
148	68.2	31.8	95.4



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

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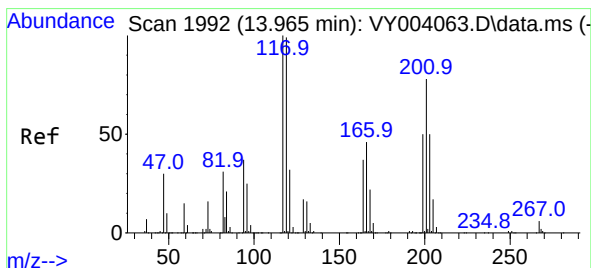
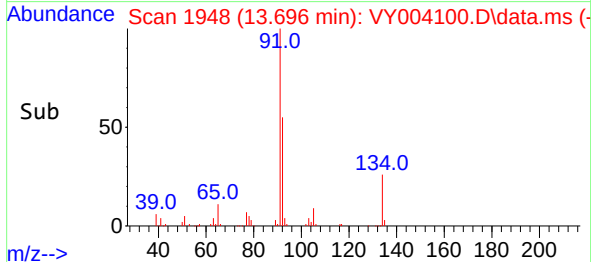
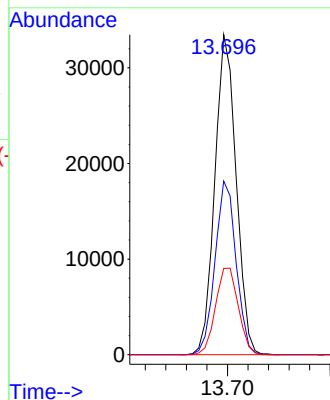
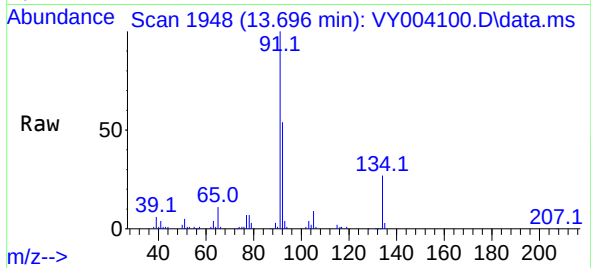
#89
n-Butylbenzene
Concen: 4.96 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY004100.D
Acq: 17 Mar 2021 13:59

Tgt Ion:	91	Resp:	48114
Ion	Ratio	Lower	Upper
91	100		
92	53.5	26.5	79.4
134	28.8	13.2	39.5

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

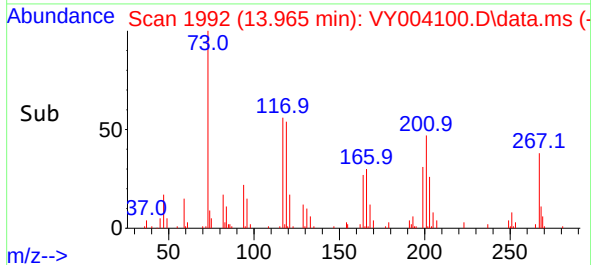
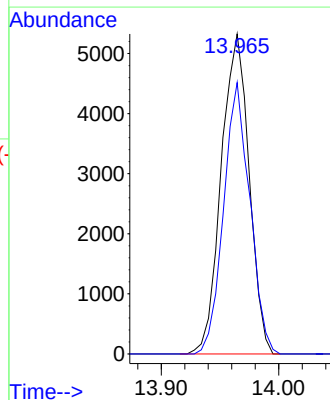
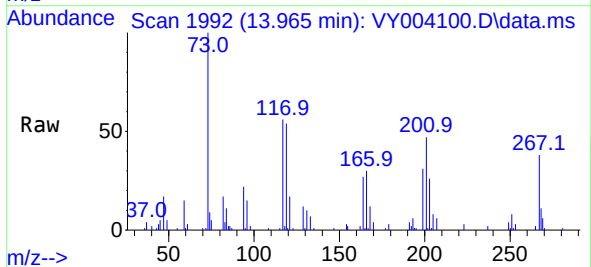
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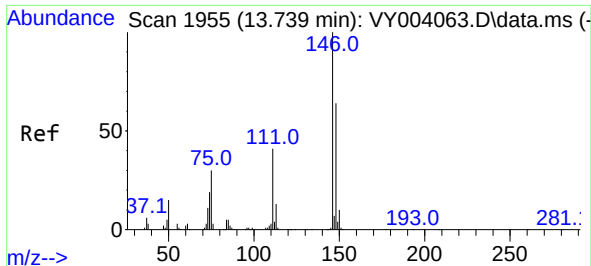
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#90
Hexachloroethane
Concen: 4.79 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. -0.000 min
Lab File: VY004100.D
Acq: 17 Mar 2021 13:59

Tgt Ion:	117	Resp:	8779
Ion	Ratio	Lower	Upper
117	100		
201	79.8	46.0	138.0





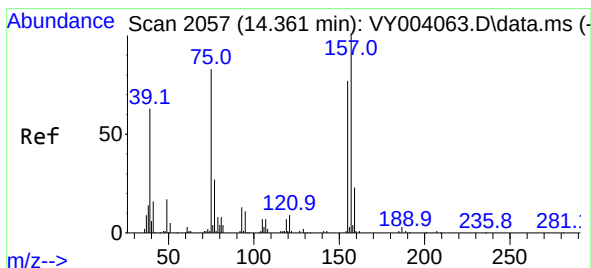
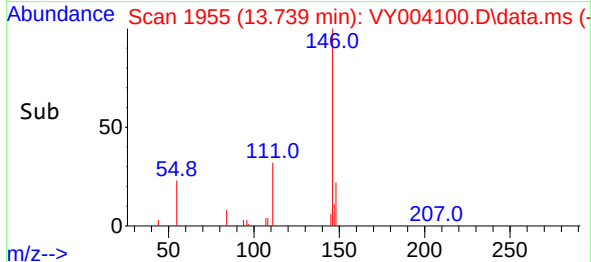
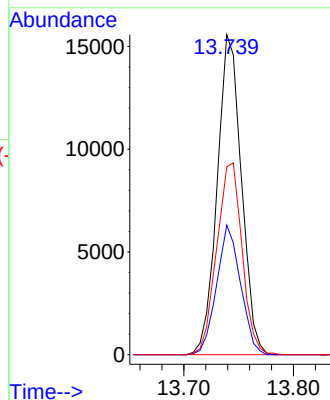
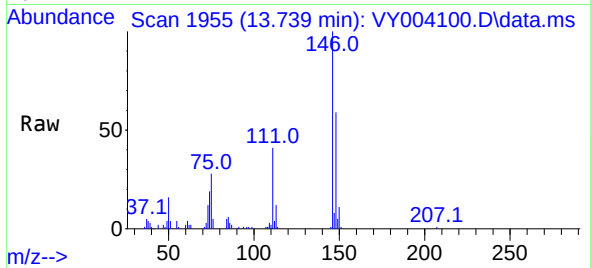
#91
1,2-Dichlorobenzene
Concen: 5.53 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY004100.D
Acq: 17 Mar 2021 13:59

Tgt Ion:	146	Resp:	23921
Ion	Ratio	Lower	Upper
146	100		
111	39.9	19.6	58.8
148	62.8	31.9	95.7

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

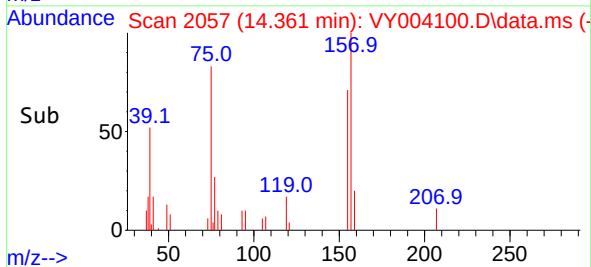
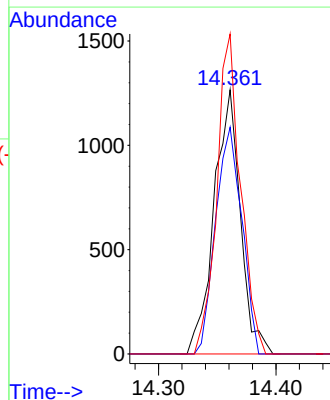
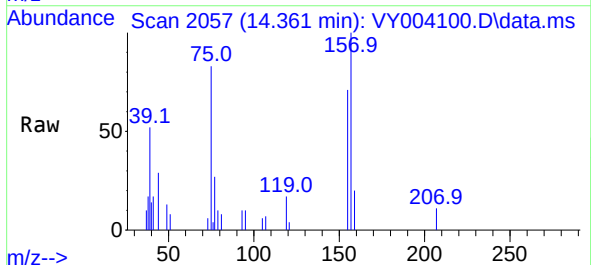
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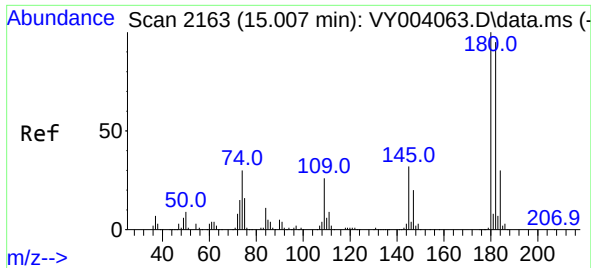
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#92
1,2-Dibromo-3-Chloropropane
Concen: 5.49 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VY004100.D
Acq: 17 Mar 2021 13:59

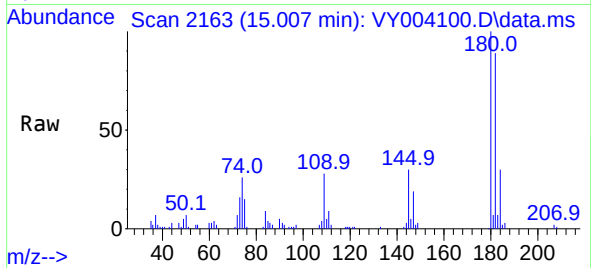
Tgt Ion:	75	Resp:	1969
Ion	Ratio	Lower	Upper
75	100		
155	85.6	42.8	128.4
157	109.6	52.4	157.3





#93
1,2,4-Trichlorobenzene
Concen: 5.79 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY004100.D
Acq: 17 Mar 2021 13:59

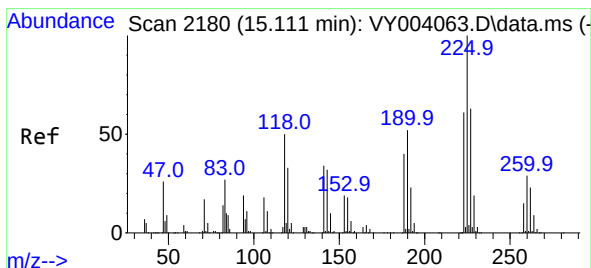
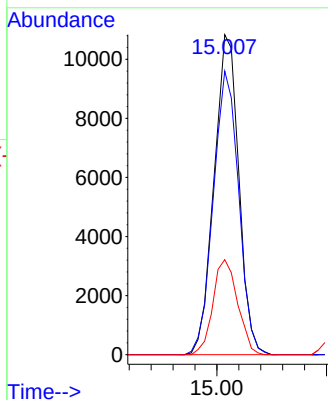
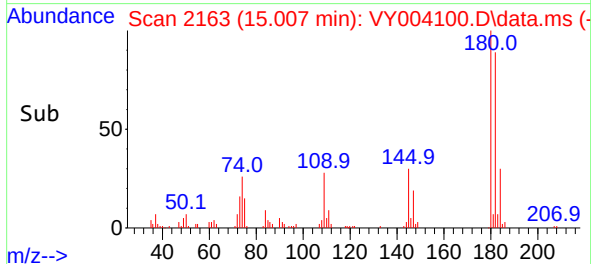
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT1-2021



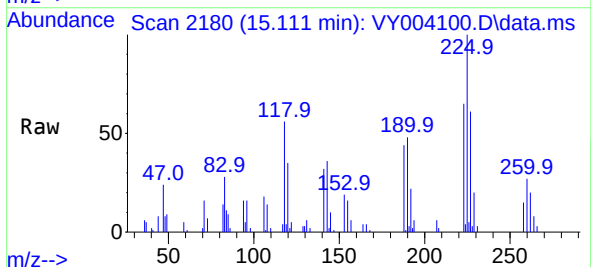
Tgt Ion:180 Resp: 16988
Ion Ratio Lower Upper
180 100
182 90.7 48.0 144.0
145 29.6 14.1 42.2

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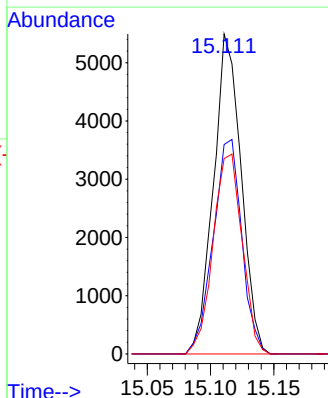
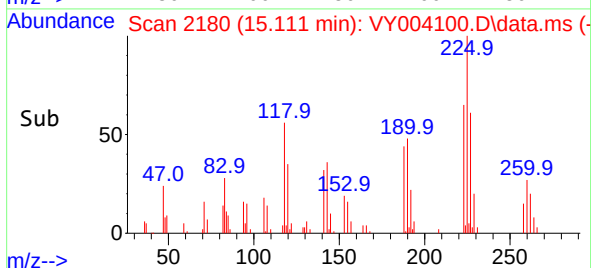
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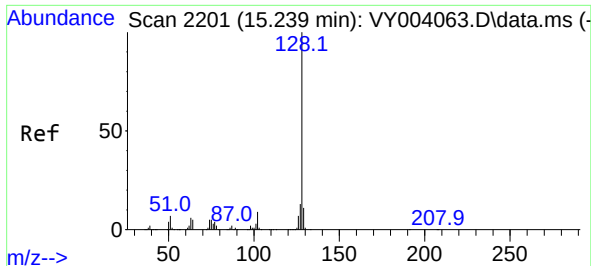


#94
Hexachlorobutadiene
Concen: 5.08 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY004100.D
Acq: 17 Mar 2021 13:59



Tgt Ion:225 Resp: 8346
Ion Ratio Lower Upper
225 100
223 69.2 31.5 94.5
227 65.7 32.1 96.3





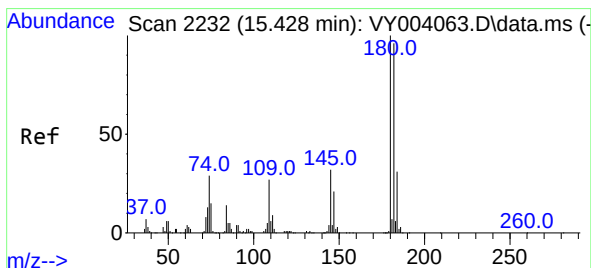
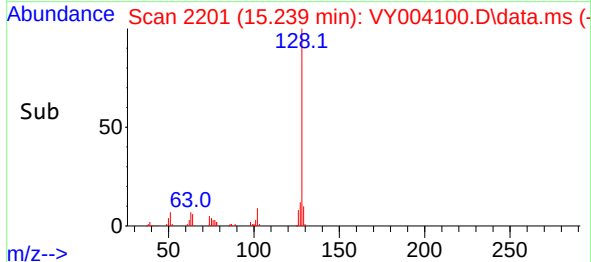
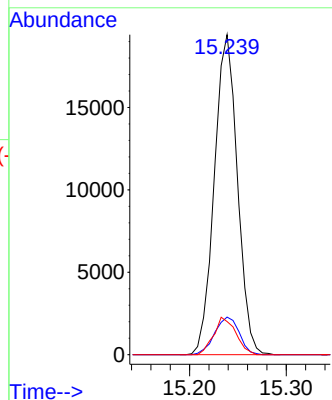
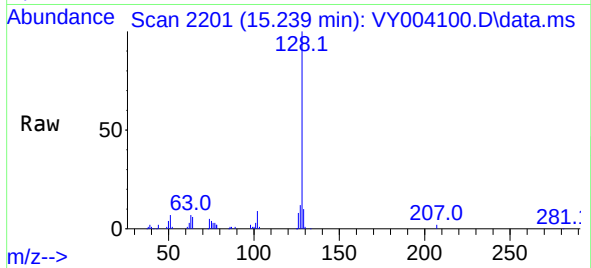
#95
Naphthalene
Concen: 5.54 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY004100.D
Acq: 17 Mar 2021 13:59

Tgt Ion:	128	Resp:	32190
Ion Ratio	Lower	Upper	
128	100		
127	12.5	10.6	16.0
129	11.2	8.7	13.1

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

Manual Integrations
APPROVED

MMDadoda
3/18/2021 2:18:50 PM



#96
1,2,3-Trichlorobenzene
Concen: 5.87 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.006 min
Lab File: VY004100.D
Acq: 17 Mar 2021 13:59

Tgt Ion:	180	Resp:	14465
Ion Ratio	Lower	Upper	
180	100		
182	92.3	47.6	142.8
145	32.2	15.3	45.9

