

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031621\
 Data File : VY004089.D
 Acq On : 16 Mar 2021 11:45
 Operator : SY/MD
 Sample : M1458-01 2.5PPBLOD
 Misc : 5.00g/5mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2021

Manual Integrations
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 3/17/2021 11:46:16 AM

Quant Time: Mar 17 01:55:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 17 01:54:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	240042	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	371659	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	331636	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	167825	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	106971	45.16	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.32%
35) Dibromofluoromethane	7.728	113	103611	49.44	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.88%
50) Toluene-d8	10.185	98	395559	48.14	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.28%
62) 4-Bromofluorobenzene	12.483	95	143013	47.13	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.26%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	5556	2.88	ug/l	97
3) Chloromethane	2.119	50	7287	2.81	ug/l	93
4) Vinyl Chloride	2.259	62	7652	2.64	ug/l	99
5) Bromomethane	2.668	94	6165	3.33	ug/l	81
6) Chloroethane	2.802	64	4649	2.63	ug/l #	88
7) Trichlorofluoromethane	3.137	101	9746	2.53	ug/l	99
8) Diethyl Ether	3.540	74	3114	2.52	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.912	101	6006	2.78	ug/l	92
10) Methyl Iodide	4.101	142	5121	2.32	ug/l	98
11) Tert butyl alcohol	4.972	59	2961	13.83	ug/l #	76
12) 1,1-Dichloroethene	3.887	96	5450	2.58	ug/l	92
13) Acrolein	3.747	56	2056	9.68	ug/l	91
14) Allyl chloride	4.497	41	7399	2.12	ug/l #	81
15) Acrylonitrile	5.180	53	6524	10.62	ug/l	99
16) Acetone	3.960	43	6282	10.99	ug/l #	89
17) Carbon Disulfide	4.210	76	16128	2.60	ug/l #	95
18) Methyl Acetate	4.491	43	3778	2.67	ug/l	96
19) Methyl tert-butyl Ether	5.241	73	14543	2.42	ug/l	97
20) Methylene Chloride	4.741	84	9183	3.33	ug/l	88
21) trans-1,2-Dichloroethene	5.228	96	6467	2.73	ug/l	84
22) Diisopropyl ether	6.131	45	16307	2.21	ug/l #	93
23) Vinyl Acetate	6.076	43	49140	10.13	ug/l #	92
24) 1,1-Dichloroethane	6.033	63	9852	2.41	ug/l #	92
25) 2-Butanone	7.002	43	8690	10.54	ug/l	97
26) 2,2-Dichloropropane	6.990	77	8983	2.30	ug/l	94
27) cis-1,2-Dichloroethene	7.002	96	6713	2.49	ug/l	91
28) Bromochloromethane	7.344	49	4111	2.30	ug/l	87
29) Tetrahydrofuran	7.350	42	5936	11.09	ug/l	97
30) Chloroform	7.521	83	10500	2.48	ug/l	100
31) Cyclohexane	7.795	56	14346	3.45	ug/l #	69
32) 1,1,1-Trichloroethane	7.716	97	9567	2.43	ug/l	98
36) 1,1-Dichloropropene	7.929	75	8672	2.66	ug/l	97
37) Ethyl Acetate	7.088	43	4435	2.52	ug/l	96
38) Carbon Tetrachloride	7.905	117	8767	2.53	ug/l	97
39) Methylcyclohexane	9.191	83	10628	2.52	ug/l	93
40) Benzene	8.173	78	23528	2.56	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	3211	2.95	ug/l #	41
42) 1,2-Dichloroethane	8.252	62	6962	2.48	ug/l	98
43) Isopropyl Acetate	8.283	43	7638	2.16	ug/l #	93
44) Trichloroethene	8.947	130	7584	2.85	ug/l	99
45) 1,2-Dichloropropane	9.228	63	5630	2.45	ug/l	94
46) Dibromomethane	9.313	93	3176	2.42	ug/l	94
47) Bromodichloromethane	9.502	83	7966	2.43	ug/l	91
48) Methyl methacrylate	9.295	41	3650	2.18	ug/l #	92
49) 1,4-Dioxane	9.301	88	680	40.69	ug/l #	76
51) 4-Methyl-2-Pentanone	10.075	43	18347	10.26	ug/l	96
52) Toluene	10.246	92	15431	2.59	ug/l	96
53) t-1,3-Dichloropropene	10.471	75	7774	2.25	ug/l	95
54) cis-1,3-Dichloropropene	9.935	75	9003	2.32	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	4593	2.49	ug/l	93
56) Ethyl methacrylate	10.514	69	5633	2.18	ug/l	91
57) 1,3-Dichloropropane	10.801	76	7857	2.49	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.789	63	13613	11.89	ug/l	97
59) 2-Hexanone	10.837	43	12770	10.17	ug/l	100
60) Dibromochloromethane	10.990	129	5768	2.49	ug/l	99
61) 1,2-Dibromoethane	11.093	107	4449	2.47	ug/l	98
64) Tetrachloroethene	10.721	164	8969	3.23	ug/l	93
65) Chlorobenzene	11.520	112	17065	2.69	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	6206	2.61	ug/l	98
67) Ethyl Benzene	11.599	91	29768	2.55	ug/l	94
68) m/p-Xylenes	11.703	106	22777	5.12	ug/l	97
69) o-Xylene	12.032	106	11045	2.63	ug/l	94
70) Styrene	12.050	104	18532	2.57	ug/l	94
71) Bromoform	12.215	173	3322	2.34	ug/l #	99
73) Isopropylbenzene	12.331	105	29362	2.52	ug/l	96
74) N-amyl acetate	12.148	43	6587	1.97	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.587	83	4431	2.19	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	3523m	2.19	ug/l	
77) Bromobenzene	12.611	156	7404	2.75	ug/l	97
78) n-propylbenzene	12.672	91	34263	2.49	ug/l	94
79) 2-Chlorotoluene	12.758	91	19945	2.59	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	25859	2.61	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.386	75	1651m	2.02	ug/l	
82) 4-Chlorotoluene	12.861	91	20665	2.53	ug/l	94
83) tert-Butylbenzene	13.081	119	21319	2.50	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	25407	2.56	ug/l	98
85) sec-Butylbenzene	13.257	105	30486	2.60	ug/l	97
86) p-Isopropyltoluene	13.373	119	28278	2.60	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	14893	2.86	ug/l	97
88) 1,4-Dichlorobenzene	13.446	146	14461	2.79	ug/l	88
89) n-Butylbenzene	13.696	91	26239	2.53	ug/l	98
90) Hexachloroethane	13.965	117	4720	2.41	ug/l	84
91) 1,2-Dichlorobenzene	13.745	146	12678	2.75	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	862	2.25	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	9017	2.88	ug/l	98
94) Hexachlorobutadiene	15.117	225	4608	2.63	ug/l	94
95) Naphthalene	15.239	128	17360	2.80	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	7582	2.88	ug/l	99

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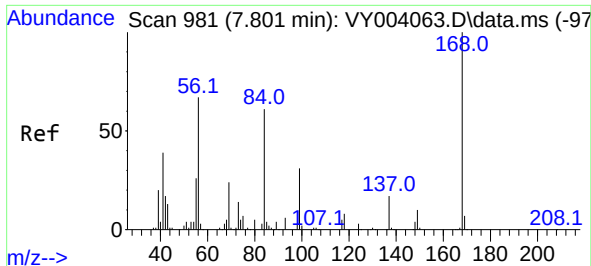
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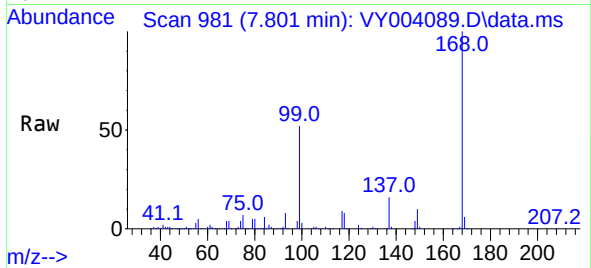
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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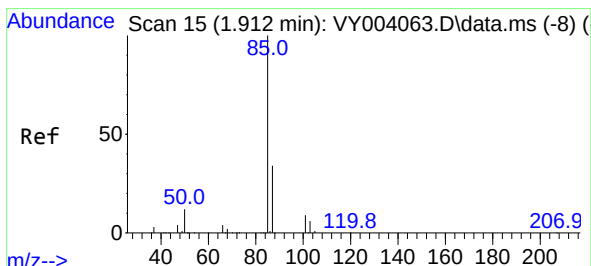
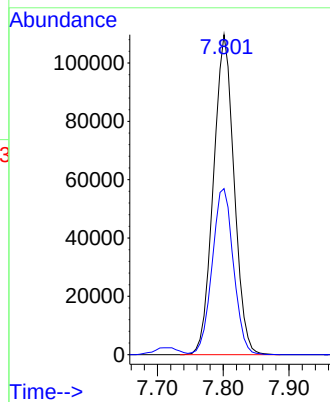
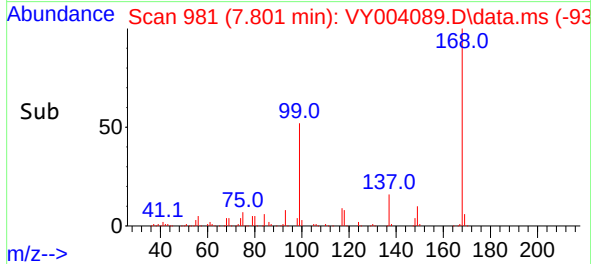
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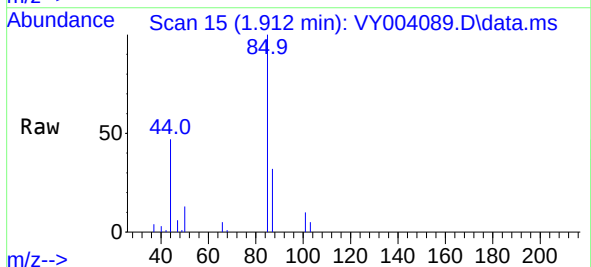
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
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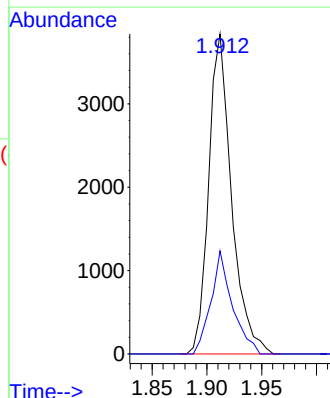
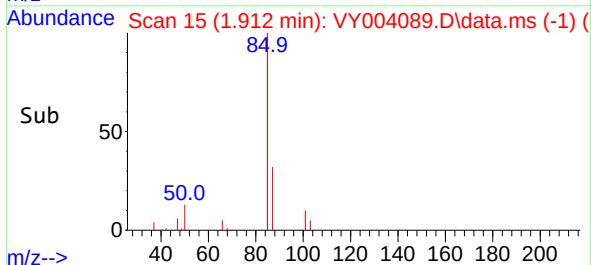
Tgt Ion:168 Resp: 240042
Ion Ratio Lower Upper
168 100
99 51.9 41.2 61.8



#2
Dichlorodifluoromethane
Concen: 2.88 ug/l
RT: 1.912 min Scan# 15
Delta R.T. -0.000 min
Lab File: VY004089.D
Acq: 16 Mar 2021 11:45



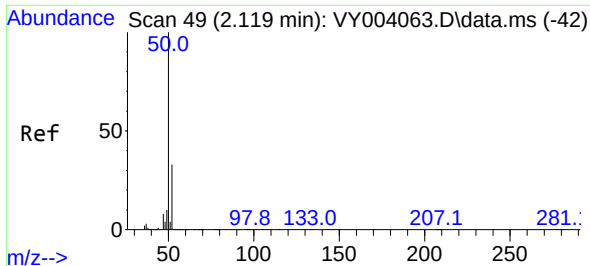
Tgt Ion: 85 Resp: 5556
Ion Ratio Lower Upper
85 100
87 32.2 17.0 51.0



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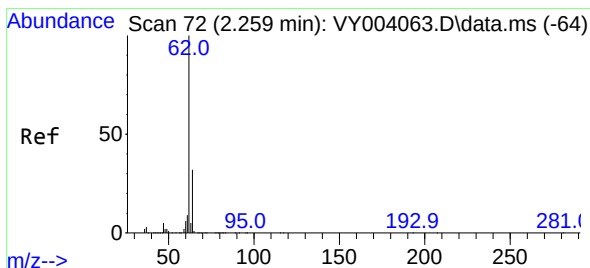
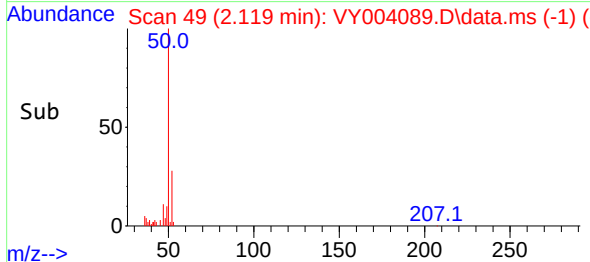
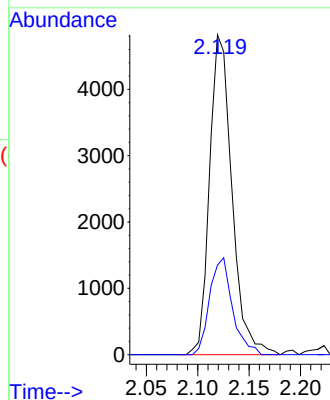
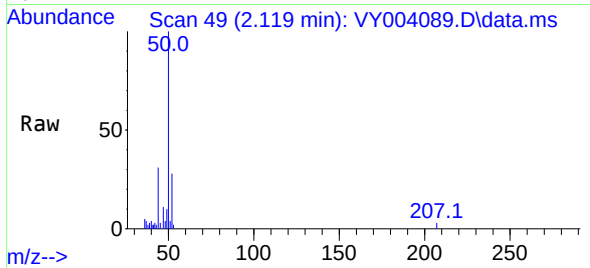
#3
Chloromethane
Concen: 2.81 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY004089.D
Acq: 16 Mar 2021 11:45

Tgt Ion: 50 Resp: 7287
Ion Ratio Lower Upper
50 100
52 28.0 25.4 38.2

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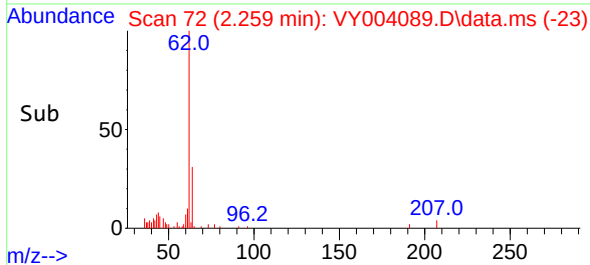
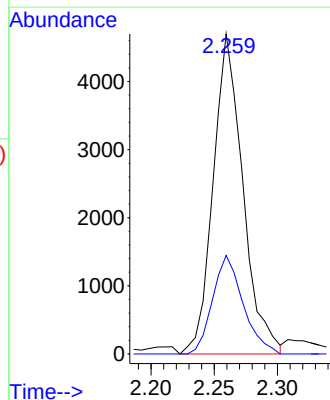
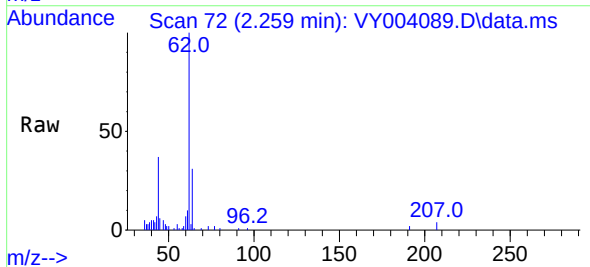
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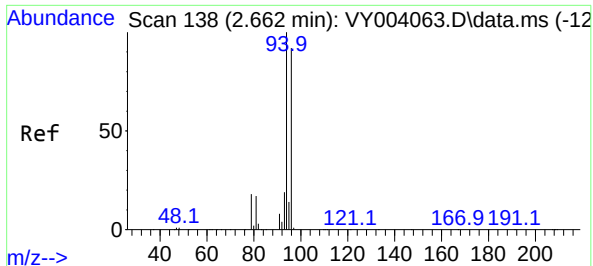
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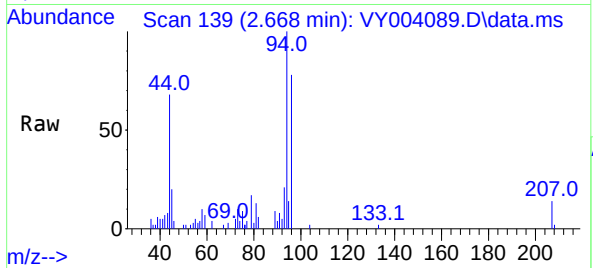
#4
Vinyl Chloride
Concen: 2.64 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.000 min
Lab File: VY004089.D
Acq: 16 Mar 2021 11:45

Tgt Ion: 62 Resp: 7652
Ion Ratio Lower Upper
62 100
64 30.8 25.3 37.9

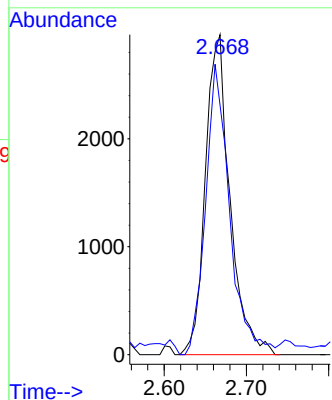




#5
Bromomethane
Concen: 3.33 ug/l
RT: 2.668 min Scan# 139
Delta R.T. 0.006 min
Lab File: VY004089.D
Acq: 16 Mar 2021 11:45



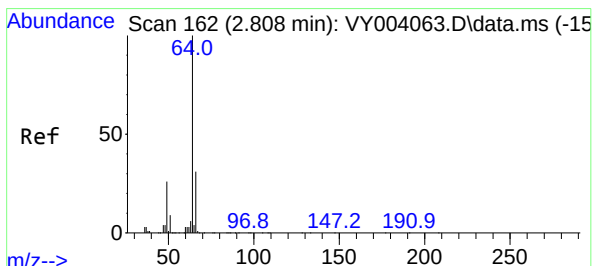
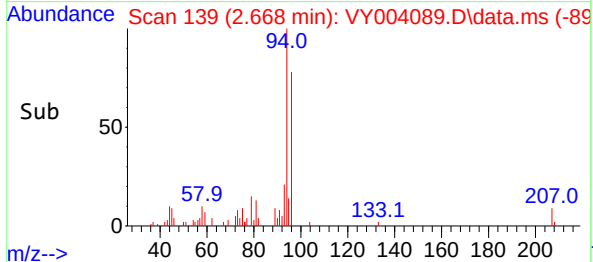
Tgt Ion: 94 Resp: 6165
Ion Ratio Lower Upper
94 100
96 78.0 77.4 116.2



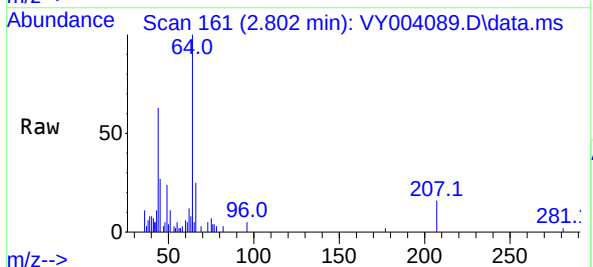
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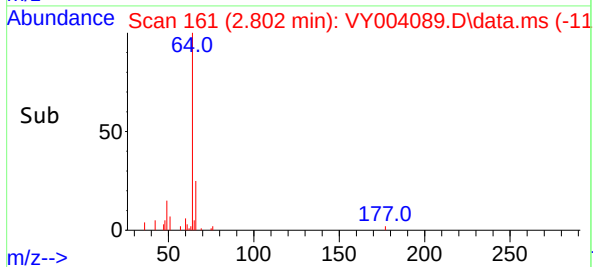
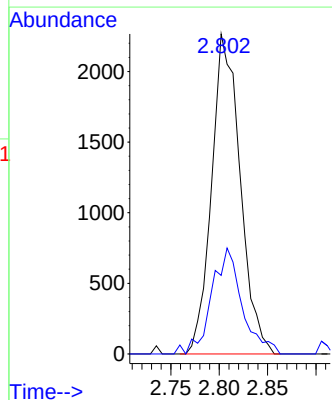
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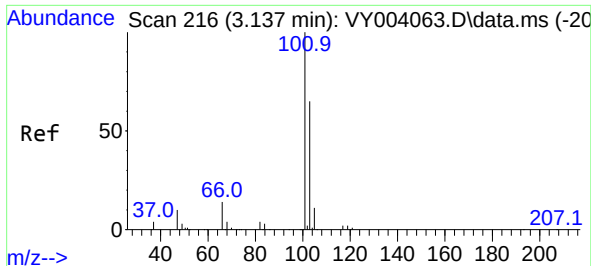


#6
Chloroethane
Concen: 2.63 ug/l
RT: 2.802 min Scan# 161
Delta R.T. -0.006 min
Lab File: VY004089.D
Acq: 16 Mar 2021 11:45

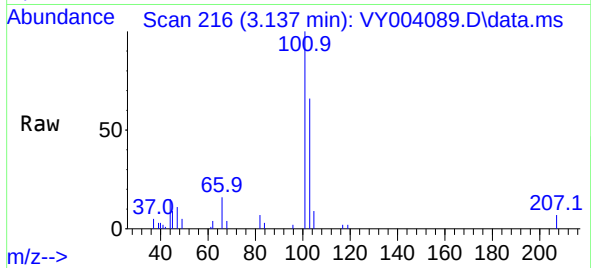


Tgt Ion: 64 Resp: 4649
Ion Ratio Lower Upper
64 100
66 24.5 25.0 37.6#

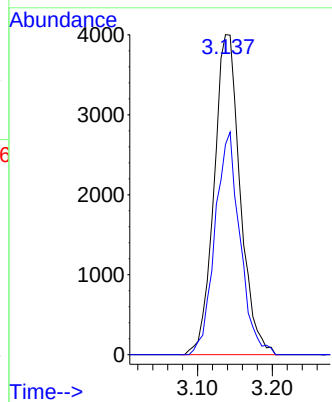
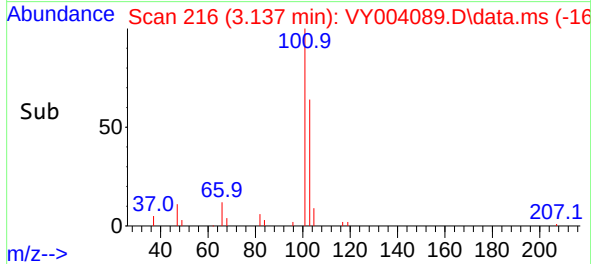




#7
Trichlorofluoromethane
Concen: 2.53 ug/l
RT: 3.137 min Scan# 216
Delta R.T. 0.000 min
Lab File: VY004089.D
Acq: 16 Mar 2021 11:45



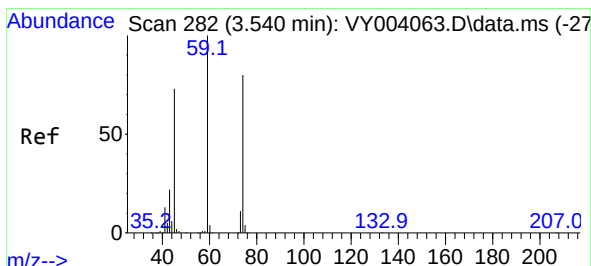
Tgt Ion:101 Resp: 9746
Ion Ratio Lower Upper
101 100
103 65.7 52.2 78.2



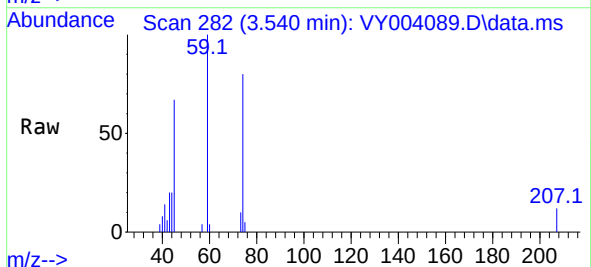
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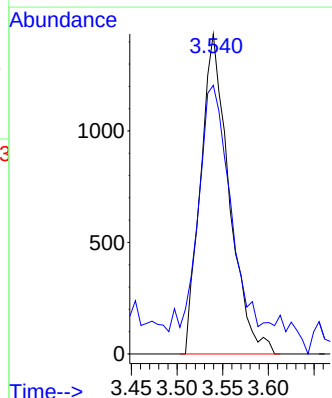
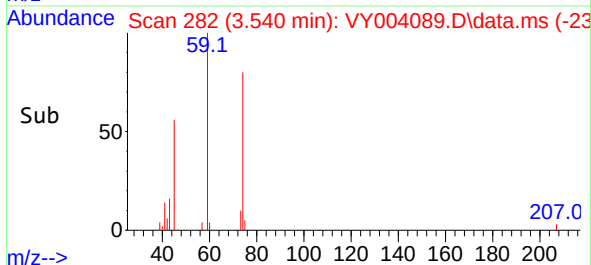
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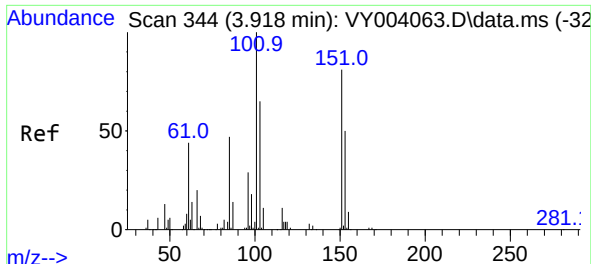


#8
Diethyl Ether
Concen: 2.52 ug/l
RT: 3.540 min Scan# 282
Delta R.T. -0.000 min
Lab File: VY004089.D
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Tgt Ion: 74 Resp: 3114
Ion Ratio Lower Upper
74 100
45 84.0 52.6 157.8





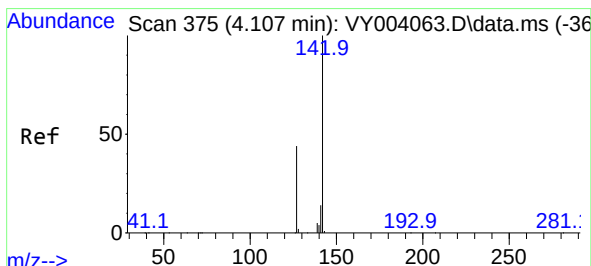
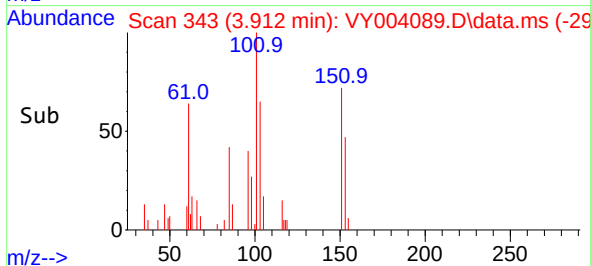
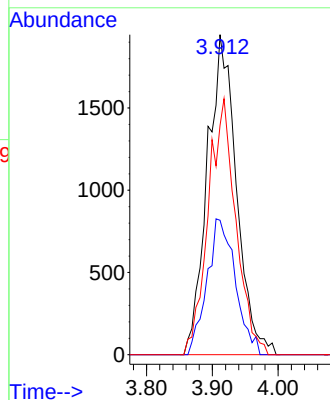
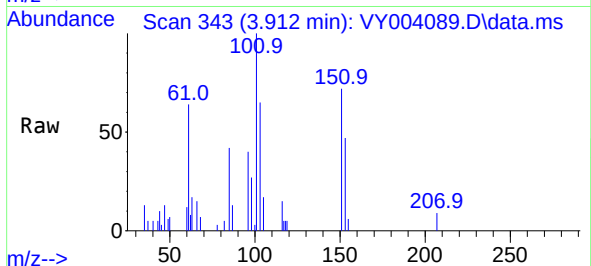
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.78 ug/l
RT: 3.912 min Scan# 343
Delta R.T. -0.006 min
Lab File: VY004089.D
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Tgt Ion:	101	Resp:	6006
Ion	Ratio	Lower	Upper
101	100		
85	41.3	36.1	54.1
151	75.8	66.9	100.3

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

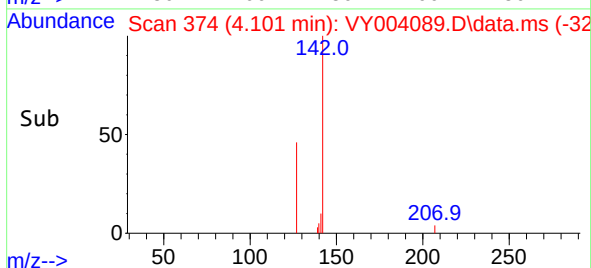
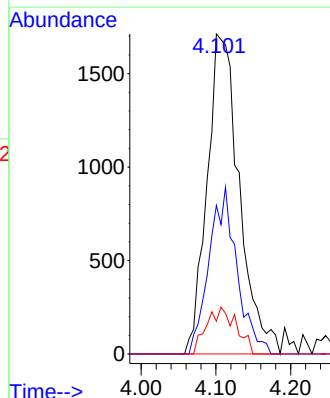
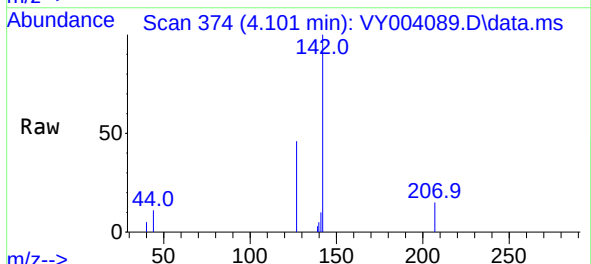
Manual Integrations
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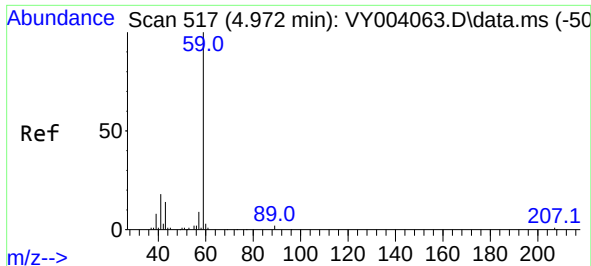
MMDadoda
3/17/2021 11:46:16 AM



#10
Methyl Iodide
Concen: 2.32 ug/l
RT: 4.101 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY004089.D
Acq: 16 Mar 2021 11:45

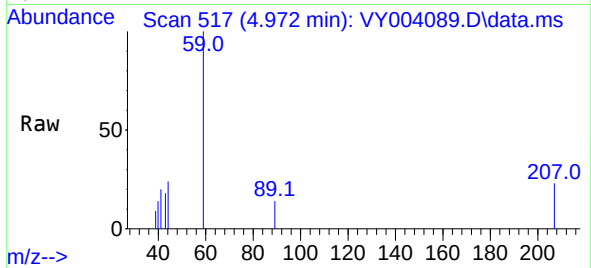
Tgt Ion:	142	Resp:	5121
Ion	Ratio	Lower	Upper
142	100		
127	45.0	35.4	53.0
141	13.4	11.5	17.3





#11
Tert butyl alcohol
Concen: 13.83 ug/l
RT: 4.972 min Scan# 517
Delta R.T. 0.000 min
Lab File: VY004089.D
Acq: 16 Mar 2021 11:45

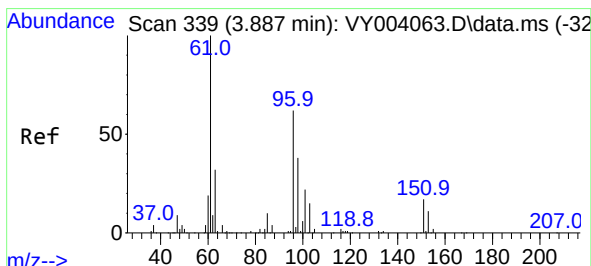
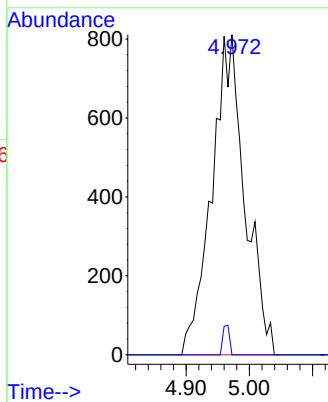
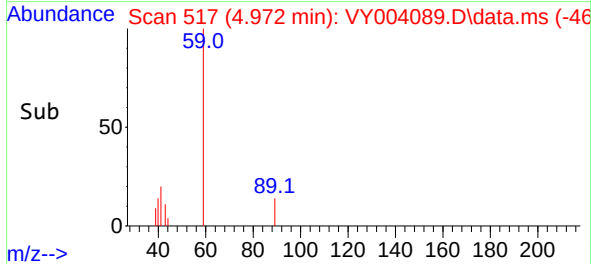
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



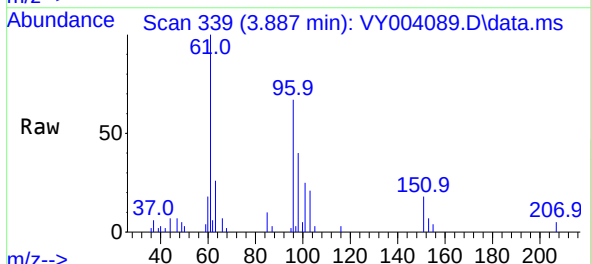
Tgt Ion: 59 Resp: 2961
Ion Ratio Lower Upper
59 100
57 0.0 6.9 10.3#

Manual Integrations
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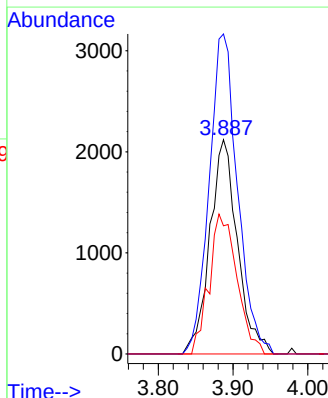
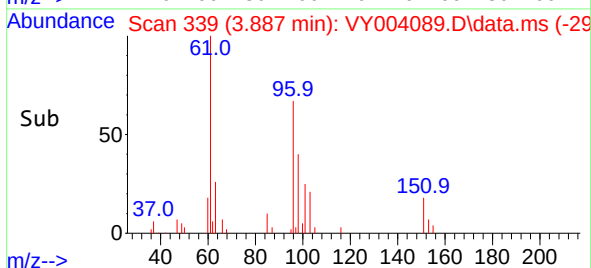
MMDadoda
3/17/2021 11:46:16 AM

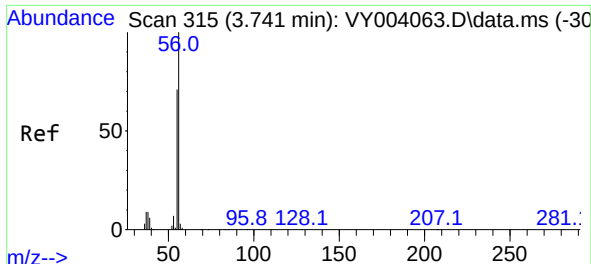


#12
1,1-Dichloroethene
Concen: 2.58 ug/l
RT: 3.887 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY004089.D
Acq: 16 Mar 2021 11:45



Tgt Ion: 96 Resp: 5450
Ion Ratio Lower Upper
96 100
61 149.3 130.7 196.1
98 59.8 48.9 73.3





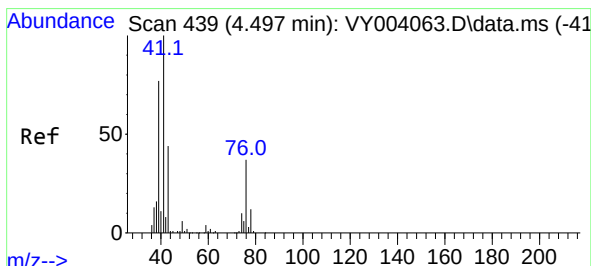
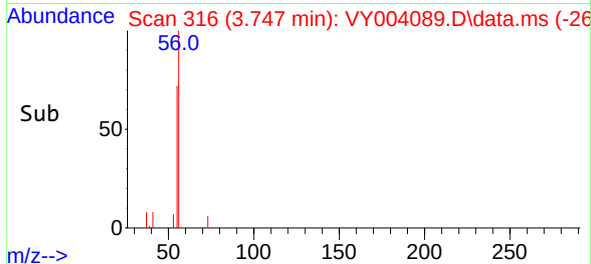
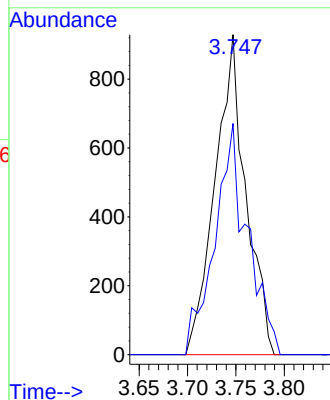
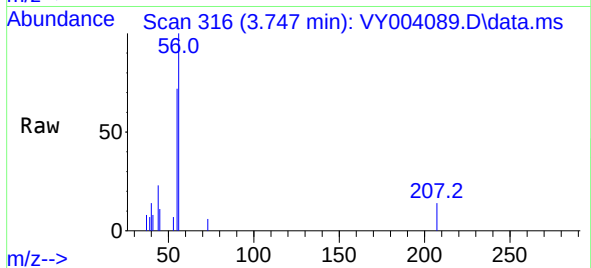
#13
Acrolein
Concen: 9.68 ug/l
RT: 3.747 min Scan# 316
Delta R.T. 0.006 min
Lab File: VY004089.D
Acq: 16 Mar 2021 11:45

Tgt Ion: 56 Resp: 2056
Ion Ratio Lower Upper
56 100
55 76.9 55.4 83.0

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

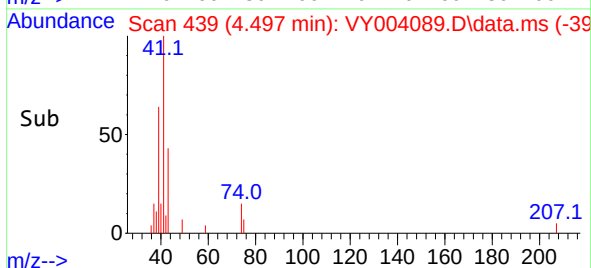
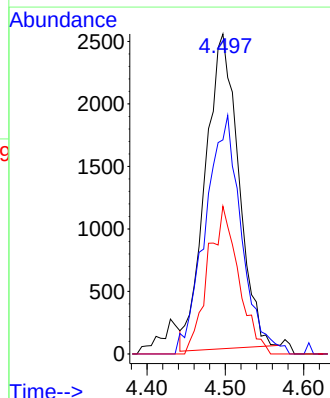
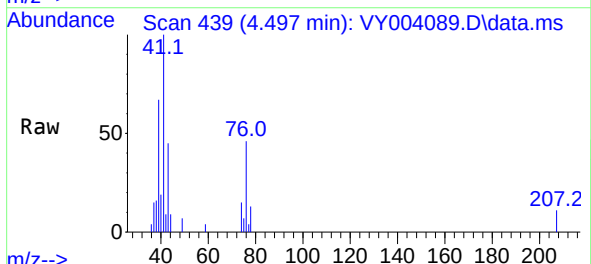
Manual Integrations
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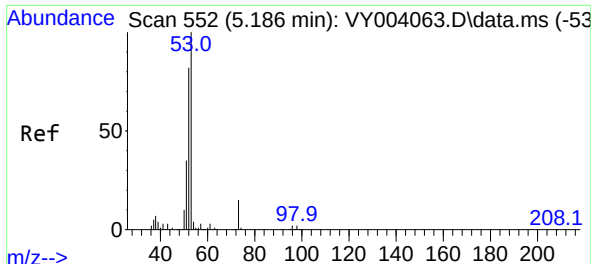
MMDadoda
3/17/2021 11:46:16 AM



#14
Allyl chloride
Concen: 2.12 ug/l
RT: 4.497 min Scan# 439
Delta R.T. -0.000 min
Lab File: VY004089.D
Acq: 16 Mar 2021 11:45

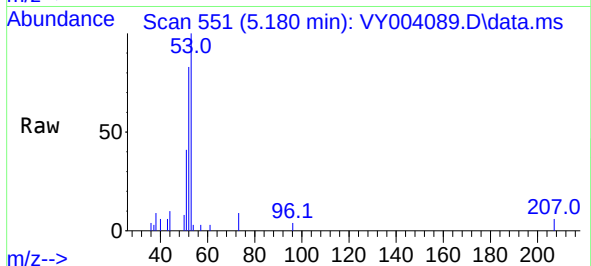
Tgt Ion: 41 Resp: 7399
Ion Ratio Lower Upper
41 100
39 82.5 54.0 81.0#
76 43.4 26.1 39.1#





#15
Acrylonitrile
Concen: 10.62 ug/l
RT: 5.180 min Scan# 551
Delta R.T. -0.006 min
Lab File: VY004089.D
Acq: 16 Mar 2021 11:45

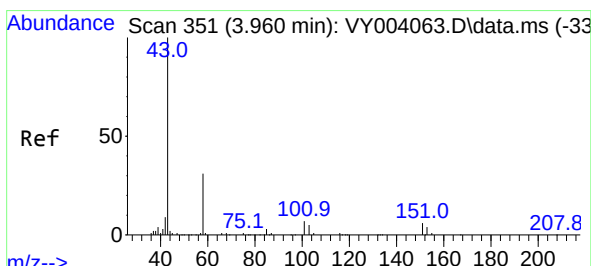
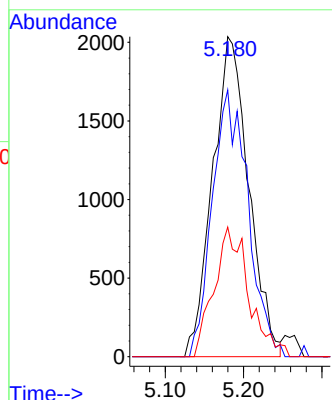
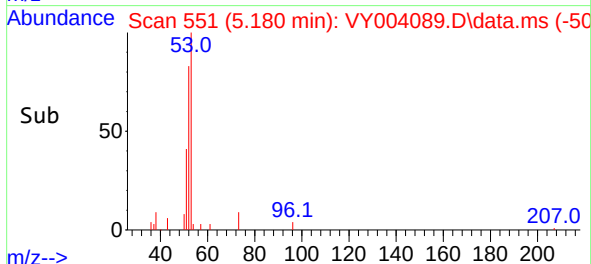
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



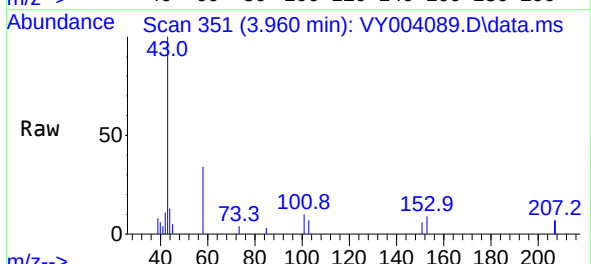
Tgt Ion: 53 Resp: 6524
Ion Ratio Lower Upper
53 100
52 82.2 66.2 99.4
51 38.7 29.5 44.3

Manual Integrations
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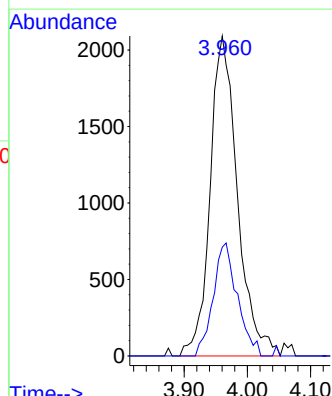
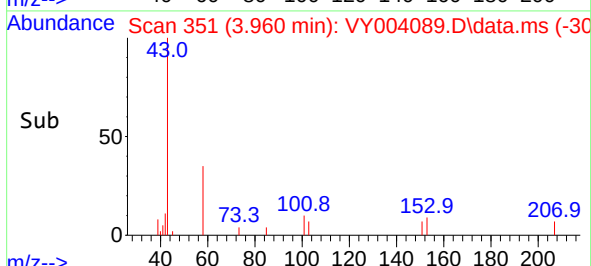
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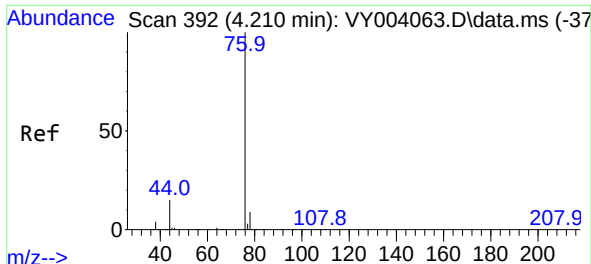


#16
Acetone
Concen: 10.99 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004089.D
Acq: 16 Mar 2021 11:45



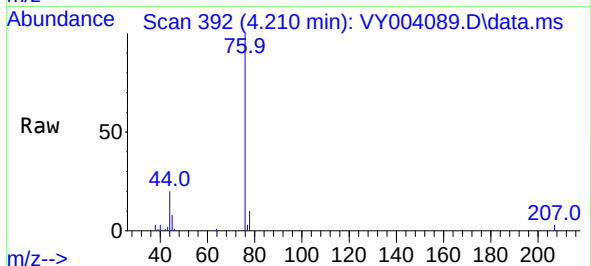
Tgt Ion: 43 Resp: 6282
Ion Ratio Lower Upper
43 100
58 34.0 22.6 34.0#





#17
Carbon Disulfide
Concen: 2.60 ug/l
RT: 4.210 min Scan# 392
Delta R.T. 0.000 min
Lab File: VY004089.D
Acq: 16 Mar 2021 11:45

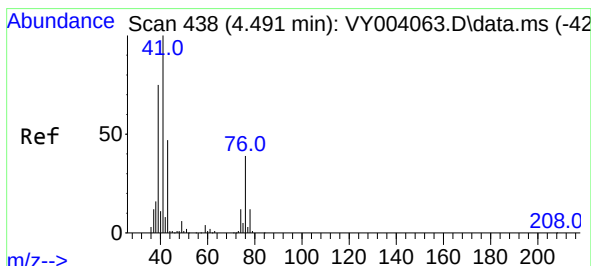
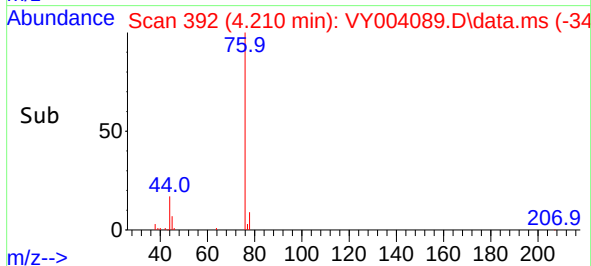
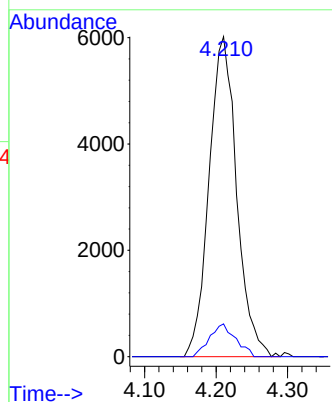
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



Tgt Ion: 76 Resp: 16128
Ion Ratio Lower Upper
76 100
78 10.3 6.8 10.2#

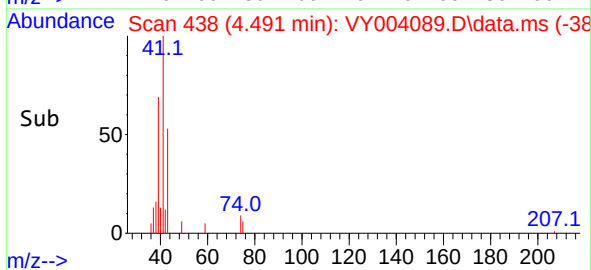
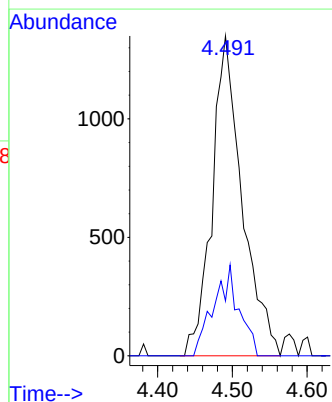
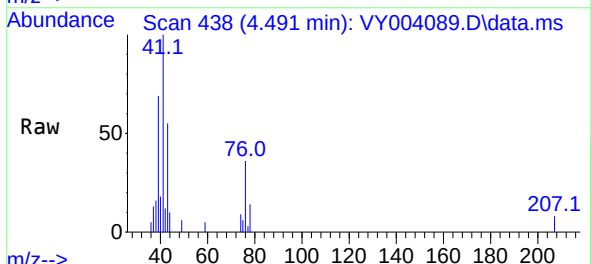
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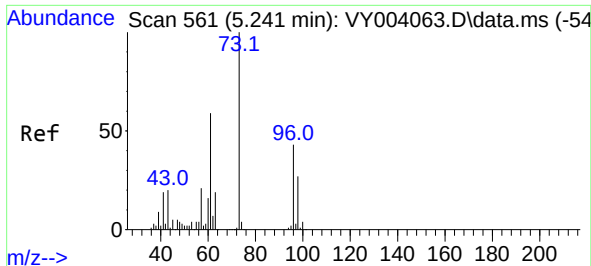
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#18
Methyl Acetate
Concen: 2.67 ug/l
RT: 4.491 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY004089.D
Acq: 16 Mar 2021 11:45

Tgt Ion: 43 Resp: 3778
Ion Ratio Lower Upper
43 100
74 23.8 17.6 26.4





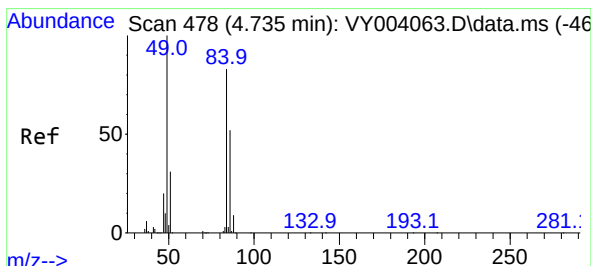
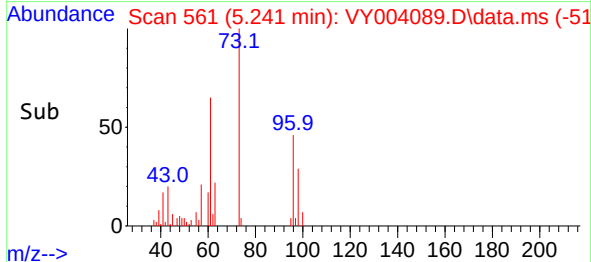
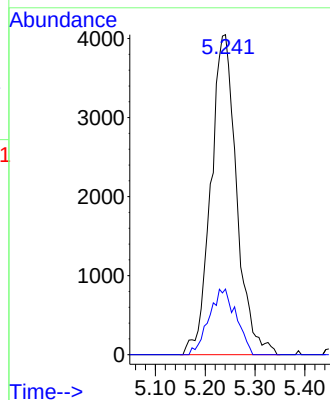
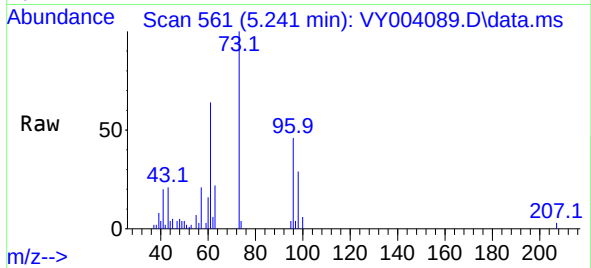
#19
Methyl tert-butyl Ether
Concen: 2.42 ug/l
RT: 5.241 min Scan# 561
Delta R.T. -0.000 min
Lab File: VY004089.D
Acq: 16 Mar 2021 11:45

Tgt Ion: 73 Resp: 14543
Ion Ratio Lower Upper
73 100
57 20.5 17.5 26.3

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

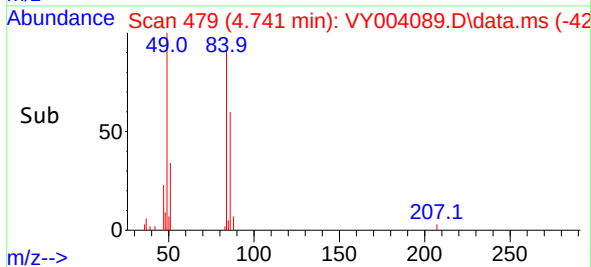
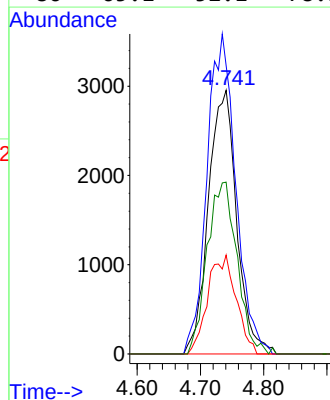
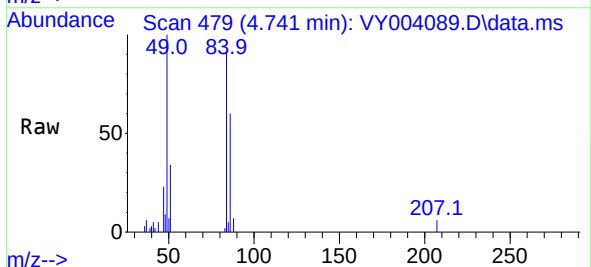
Manual Integrations
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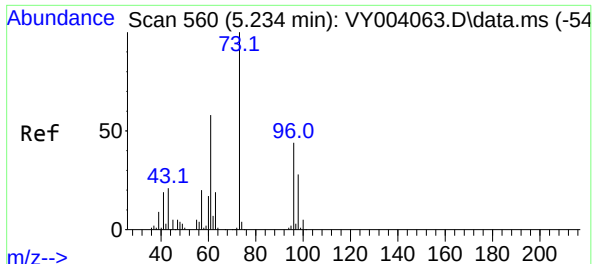
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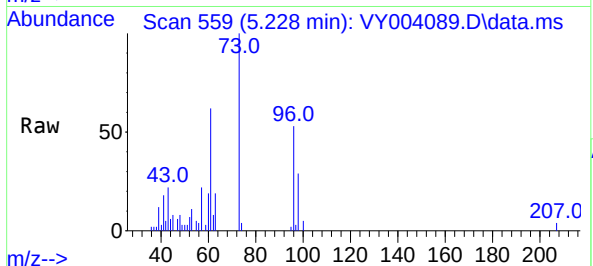
#20
Methylene Chloride
Concen: 3.33 ug/l
RT: 4.741 min Scan# 479
Delta R.T. 0.006 min
Lab File: VY004089.D
Acq: 16 Mar 2021 11:45

Tgt Ion: 84 Resp: 9183
Ion Ratio Lower Upper
84 100
49 109.4 105.8 158.6
51 37.5 32.6 48.8
86 65.1 52.1 78.1

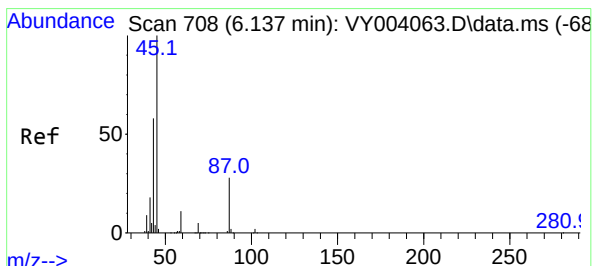
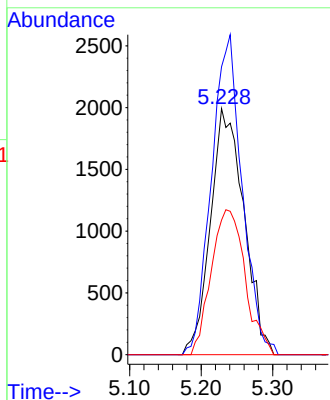
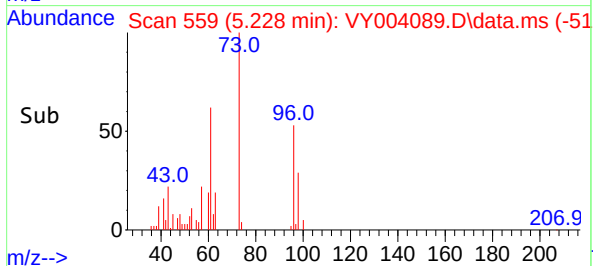




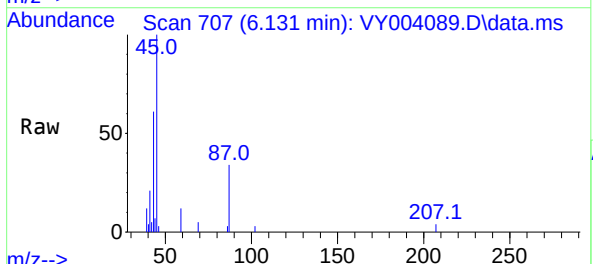
#21
trans-1,2-Dichloroethene
Concen: 2.73 ug/l
RT: 5.228 min Scan# 559
Delta R.T. -0.006 min
Lab File: VY004089.D
Acq: 16 Mar 2021 11:45



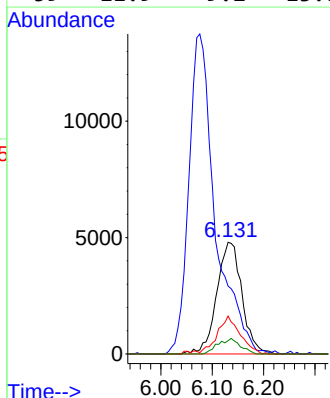
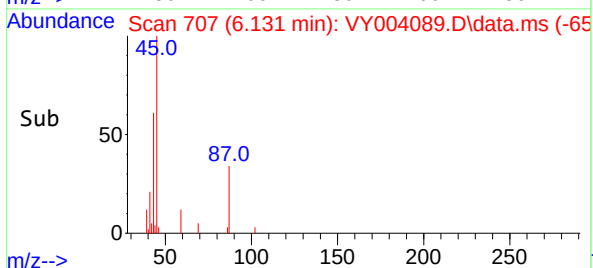
Tgt Ion: 96 Resp: 6467
Ion Ratio Lower Upper
96 100
61 117.0 110.8 166.2
98 54.7 51.0 76.6



#22
Diisopropyl ether
Concen: 2.21 ug/l
RT: 6.131 min Scan# 707
Delta R.T. -0.006 min
Lab File: VY004089.D
Acq: 16 Mar 2021 11:45



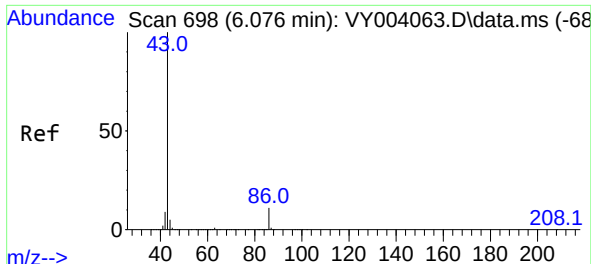
Tgt Ion: 45 Resp: 16307
Ion Ratio Lower Upper
45 100
43 59.6 45.1 67.7
87 33.9 21.0 31.4#
59 11.9 9.2 13.8



Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

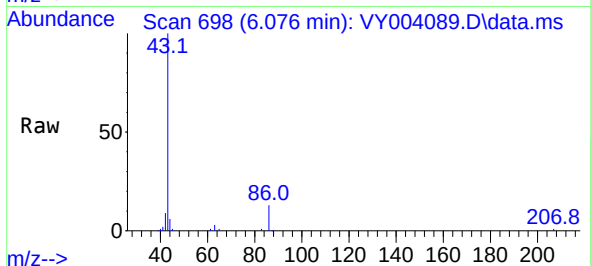
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#23
 Vinyl Acetate
 Concen: 10.13 ug/l
 RT: 6.076 min Scan# 698
 Delta R.T. -0.000 min
 Lab File: VY004089.D
 Acq: 16 Mar 2021 11:45

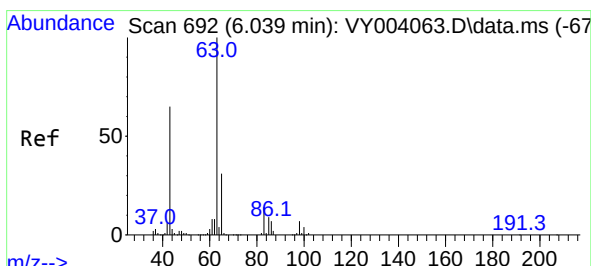
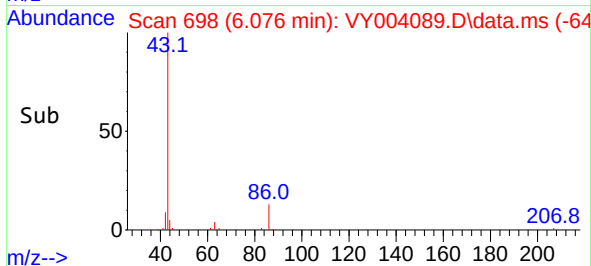
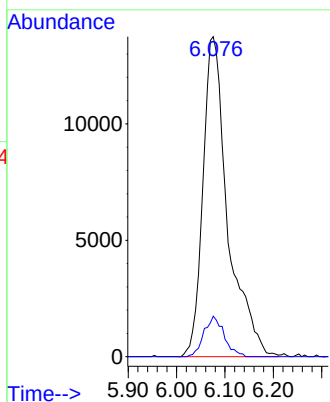
Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2021



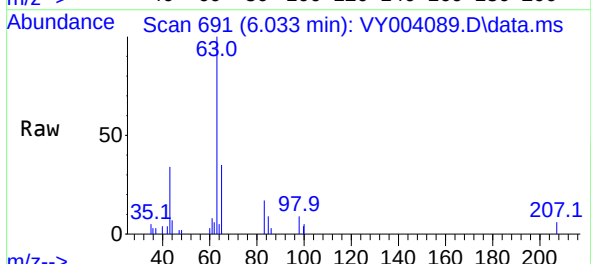
Tgt Ion: 43 Resp: 49140
 Ion Ratio Lower Upper
 43 100
 86 12.7 7.8 11.6#

Manual Integrations
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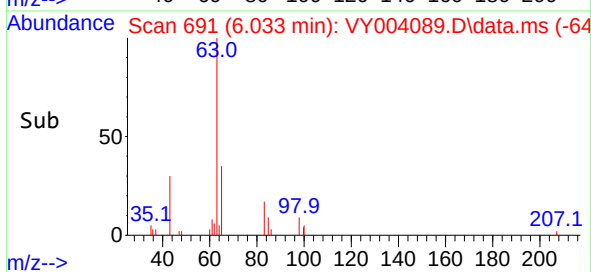
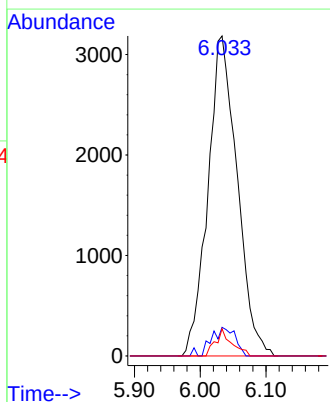
MMDadoda
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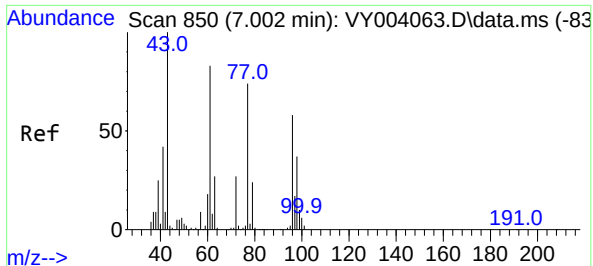


#24
 1,1-Dichloroethane
 Concen: 2.41 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. -0.006 min
 Lab File: VY004089.D
 Acq: 16 Mar 2021 11:45



Tgt Ion: 63 Resp: 9852
 Ion Ratio Lower Upper
 63 100
 98 8.9 3.5 10.4
 100 8.5 2.3 6.9#





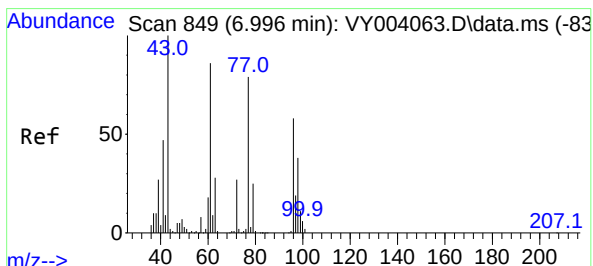
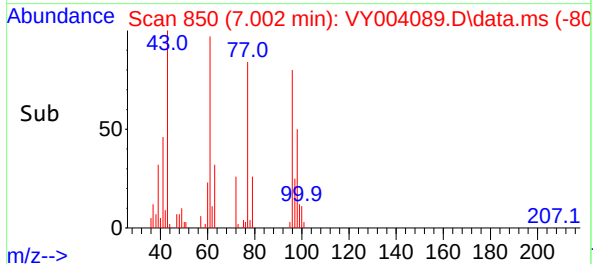
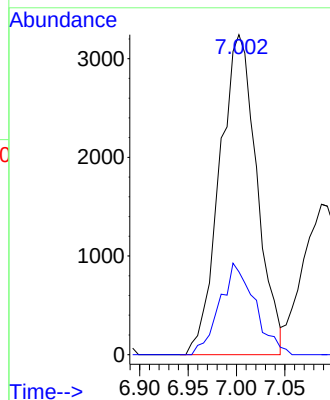
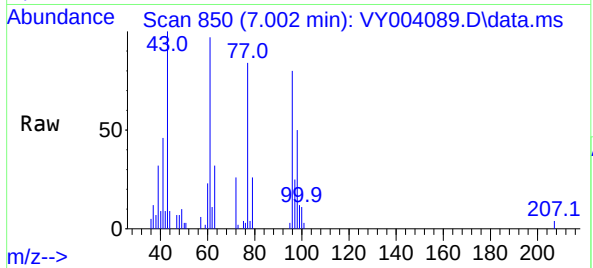
#25
2-Butanone
Concen: 10.54 ug/l
RT: 7.002 min Scan# 850
Delta R.T. 0.000 min
Lab File: VY004089.D
Acq: 16 Mar 2021 11:45

Tgt Ion: 43 Resp: 8690
Ion Ratio Lower Upper
43 100
72 25.9 19.4 29.0

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

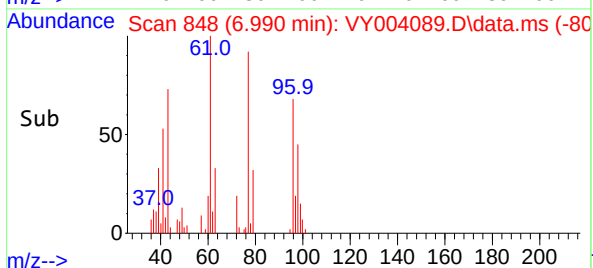
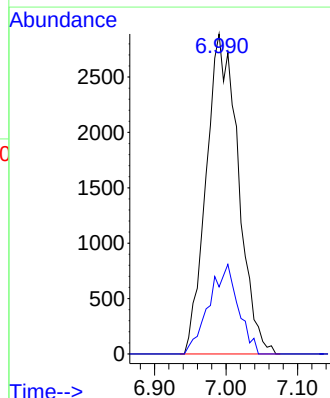
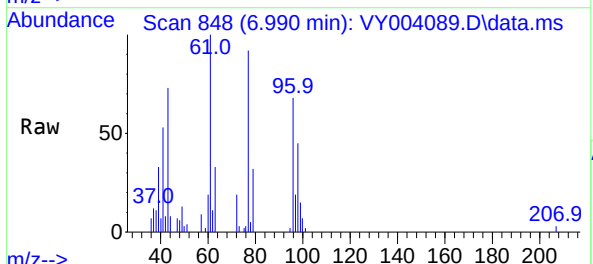
Manual Integrations
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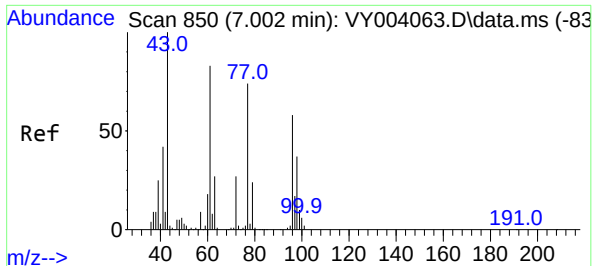
MMDadoda
3/17/2021 11:46:16 AM



#26
2,2-Dichloropropane
Concen: 2.30 ug/l
RT: 6.990 min Scan# 848
Delta R.T. -0.006 min
Lab File: VY004089.D
Acq: 16 Mar 2021 11:45

Tgt Ion: 77 Resp: 8983
Ion Ratio Lower Upper
77 100
97 25.5 11.4 34.1





#27
cis-1,2-Dichloroethene
Concen: 2.49 ug/l
RT: 7.002 min Scan# 850
Delta R.T. 0.000 min
Lab File: VY004089.D
Acq: 16 Mar 2021 11:45

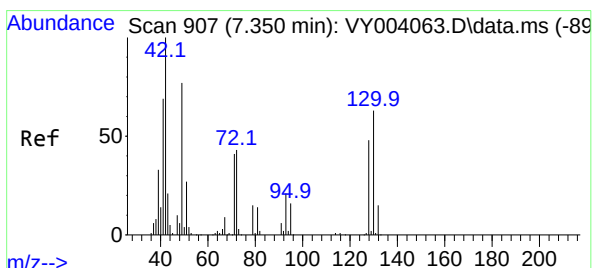
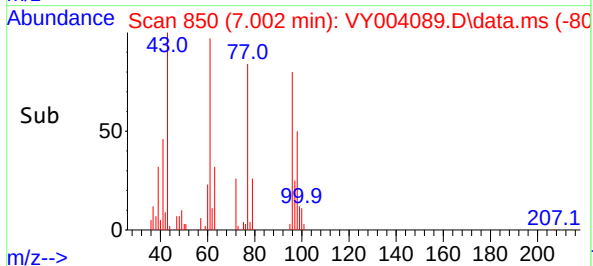
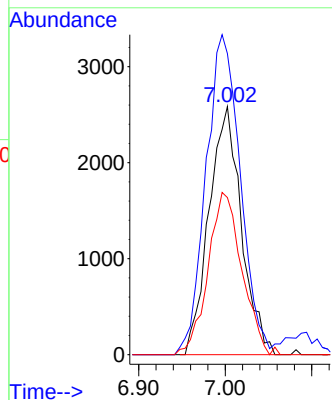
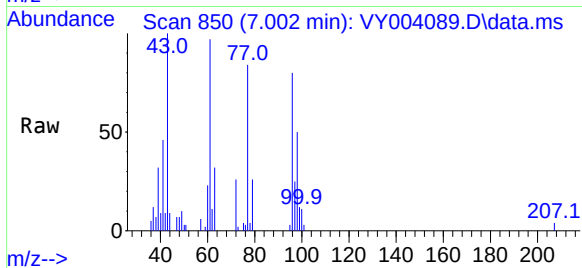
Tgt Ion: 96 Resp: 6713

Ion	Ratio	Lower	Upper
96	100		
61	136.8	0.0	303.6
98	68.2	0.0	130.6

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

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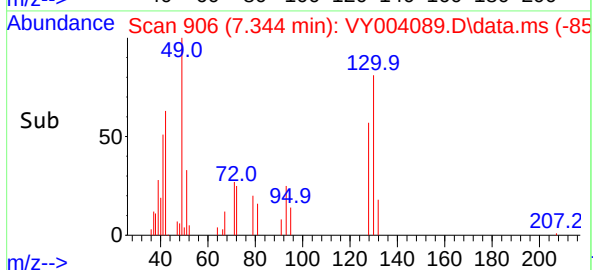
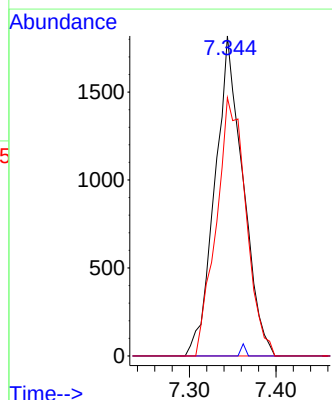
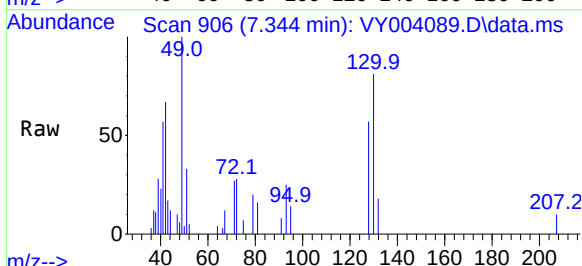
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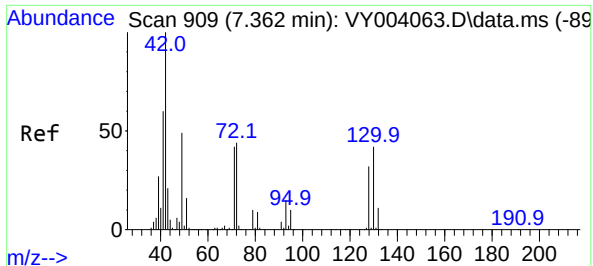


#28
Bromochloromethane
Concen: 2.30 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.006 min
Lab File: VY004089.D
Acq: 16 Mar 2021 11:45

Tgt Ion: 49 Resp: 4111

Ion	Ratio	Lower	Upper
49	100		
129	0.6	0.0	4.4
130	85.0	59.0	88.4





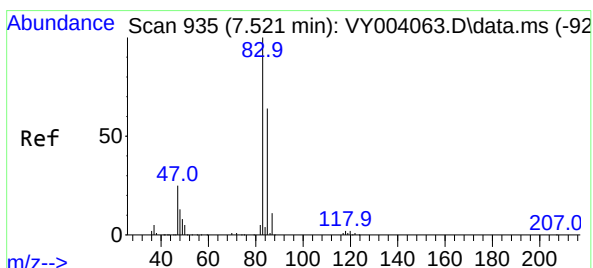
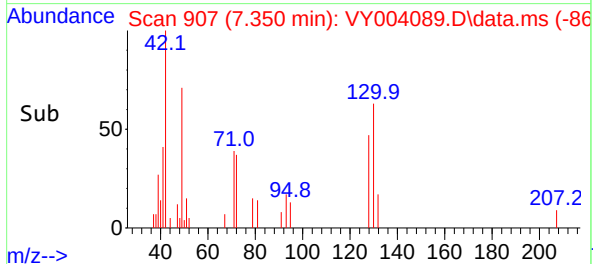
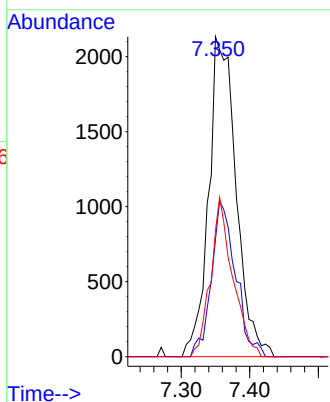
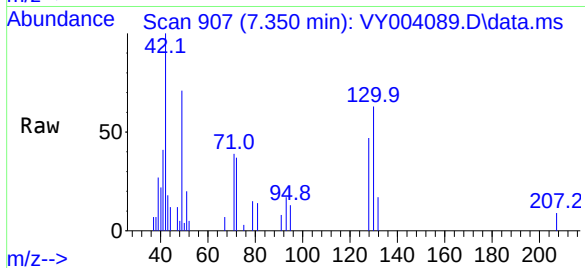
#29
Tetrahydrofuran
Concen: 11.09 ug/l
RT: 7.350 min Scan# 907
Delta R.T. -0.012 min
Lab File: VY004089.D
Acq: 16 Mar 2021 11:45

Tgt Ion:	42	Resp:	5936
Ion	Ratio	Lower	Upper
42	100		
72	42.8	32.6	48.8
71	40.1	31.0	46.6

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

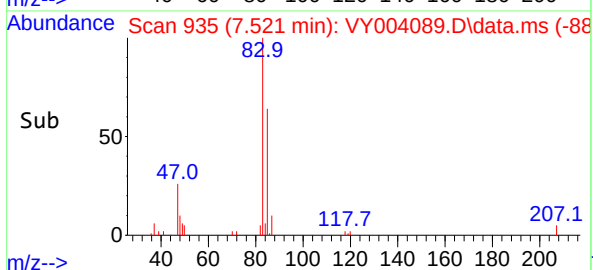
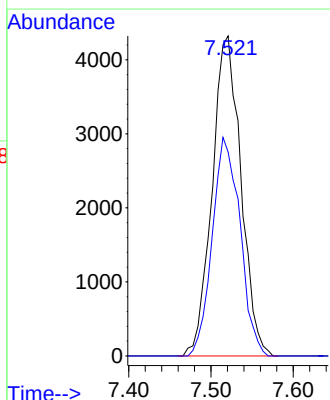
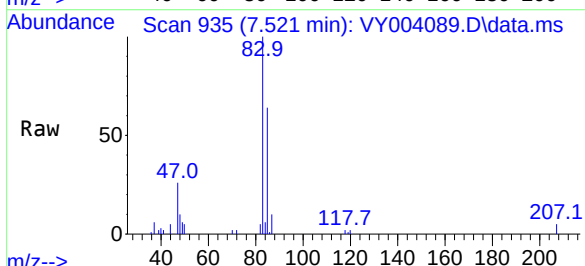
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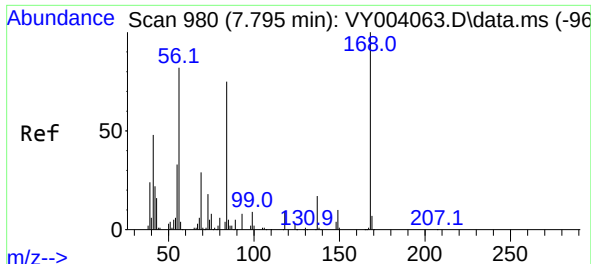
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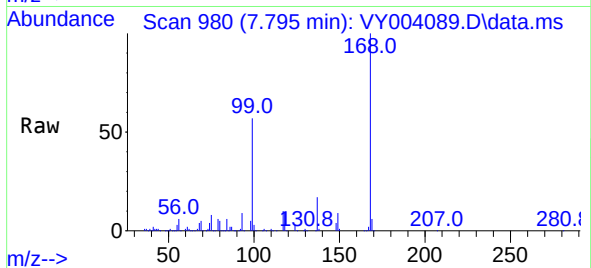
#30
Chloroform
Concen: 2.48 ug/l
RT: 7.521 min Scan# 935
Delta R.T. -0.000 min
Lab File: VY004089.D
Acq: 16 Mar 2021 11:45

Tgt Ion:	83	Resp:	10500
Ion	Ratio	Lower	Upper
83	100		
85	63.8	51.0	76.6

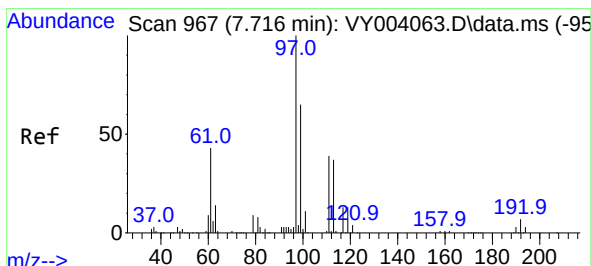
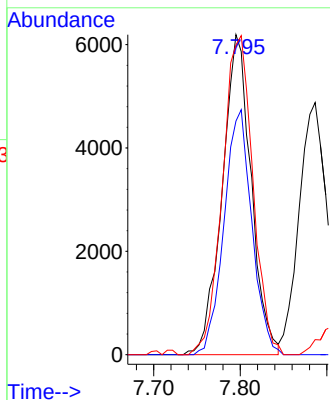
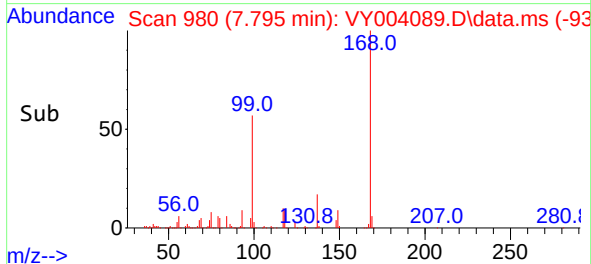




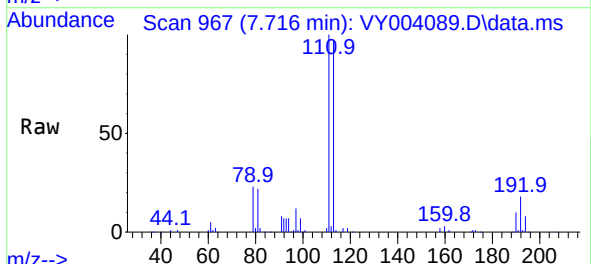
#31
Cyclohexane
Concen: 3.45 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY004089.D
Acq: 16 Mar 2021 11:45



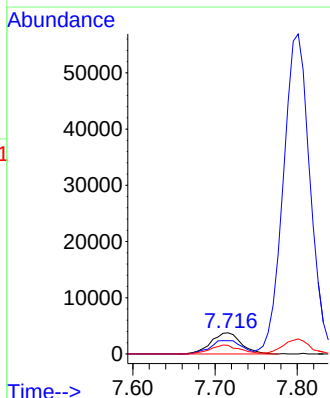
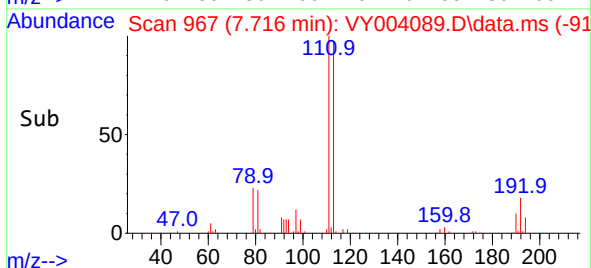
Tgt Ion: 56 Resp: 14346
Ion Ratio Lower Upper
56 100
69 73.0 25.3 37.9#
84 96.8 67.3 100.9



#32
1,1,1-Trichloroethane
Concen: 2.43 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY004089.D
Acq: 16 Mar 2021 11:45



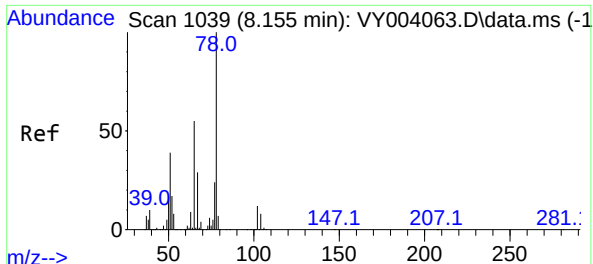
Tgt Ion: 97 Resp: 9567
Ion Ratio Lower Upper
97 100
99 66.0 51.8 77.6
61 40.7 34.5 51.7



Instrument :
MSVOA_Y
ClientSampleId :
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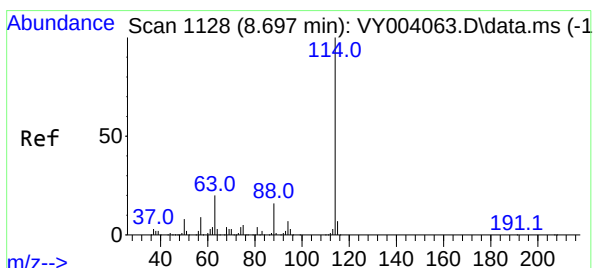
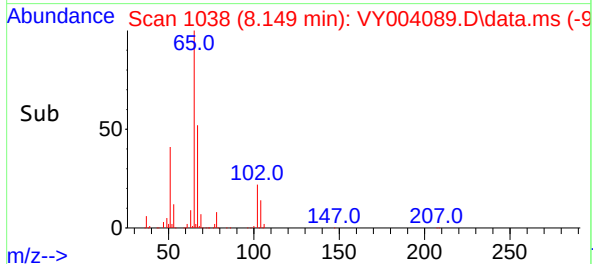
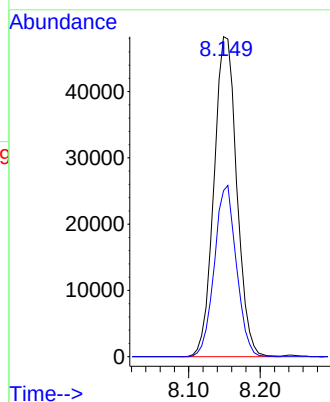
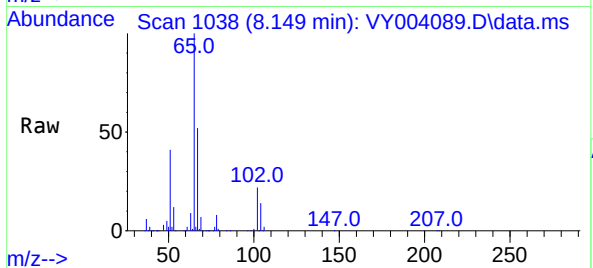
#33
1,2-Dichloroethane-d4
Concen: 45.16 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.006 min
Lab File: VY004089.D
Acq: 16 Mar 2021 11:45

Tgt Ion: 65 Resp: 106971
Ion Ratio Lower Upper
65 100
67 51.6 0.0 101.4

Instrument :
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ClientSampleId :
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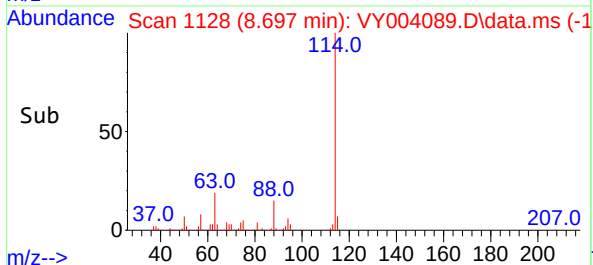
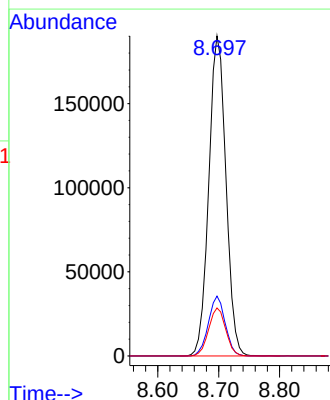
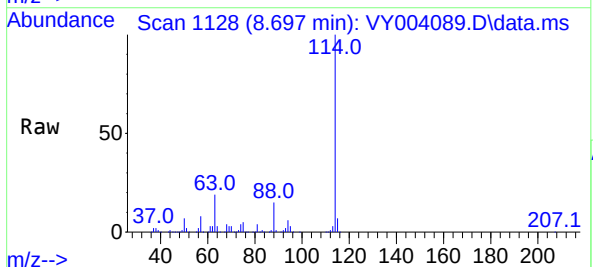
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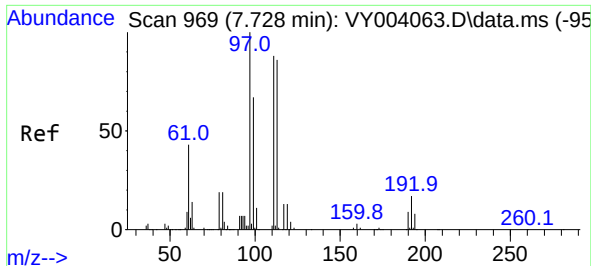
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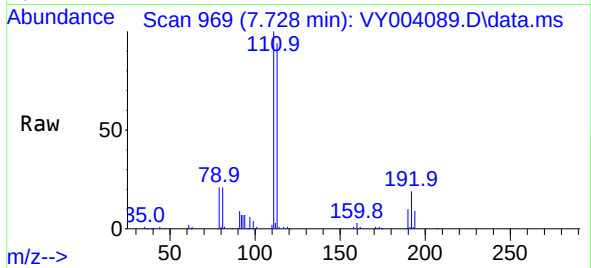
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY004089.D
Acq: 16 Mar 2021 11:45

Tgt Ion: 114 Resp: 371659
Ion Ratio Lower Upper
114 100
63 18.7 0.0 41.6
88 15.0 0.0 31.4

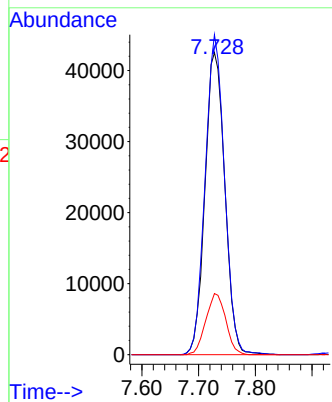
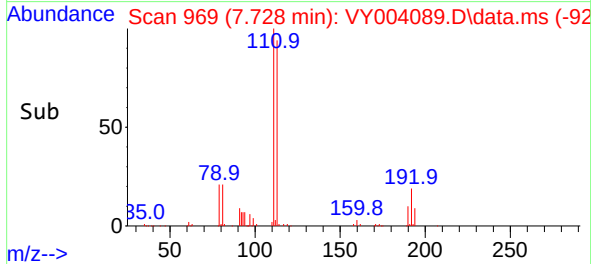




#35
Dibromofluoromethane
Concen: 49.44 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004089.D
Acq: 16 Mar 2021 11:45



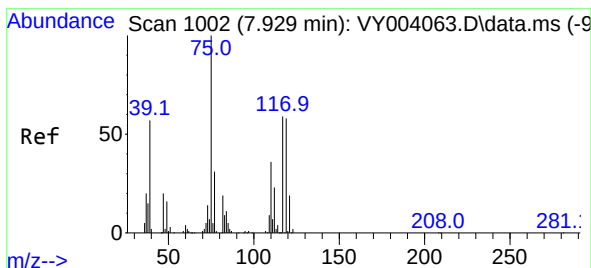
Tgt Ion: 113 Resp: 103611
Ion Ratio Lower Upper
113 100
111 103.4 83.2 124.8
192 20.3 18.5 27.7



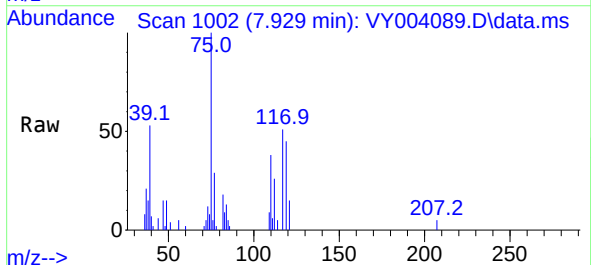
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

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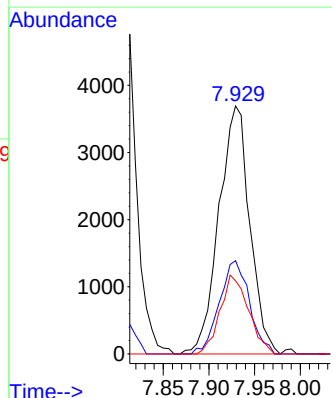
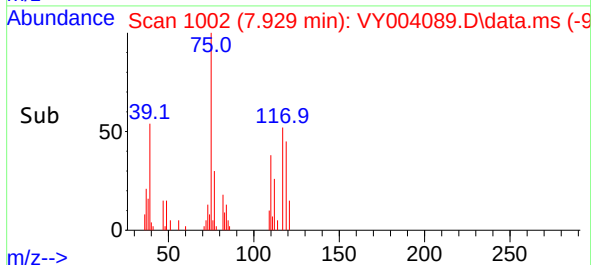
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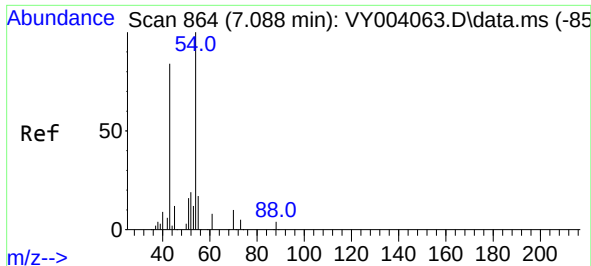


#36
1,1-Dichloropropene
Concen: 2.66 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VY004089.D
Acq: 16 Mar 2021 11:45

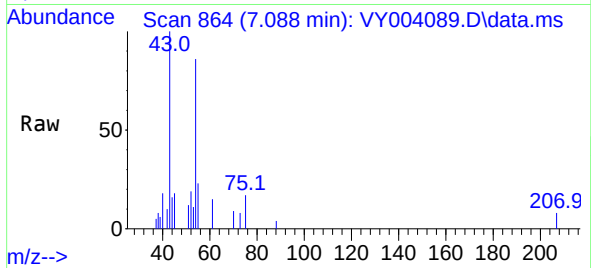


Tgt Ion: 75 Resp: 8672
Ion Ratio Lower Upper
75 100
110 36.7 17.4 52.3
77 29.3 24.5 36.7

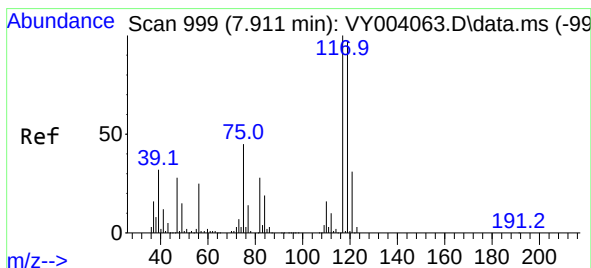
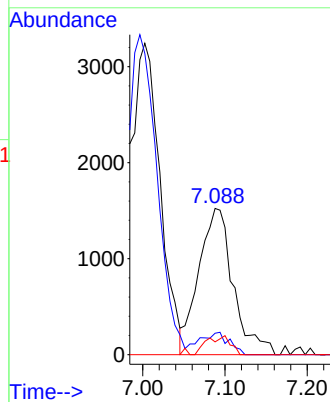
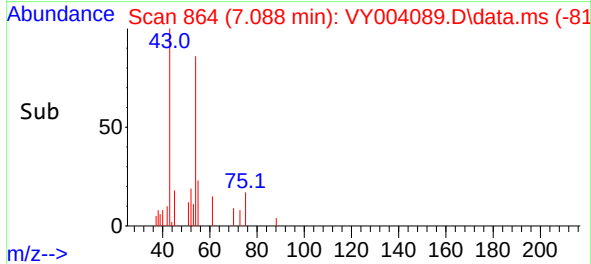




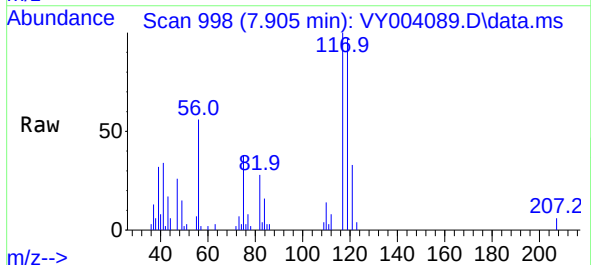
#37
Ethyl Acetate
Concen: 2.52 ug/l
RT: 7.088 min Scan# 864
Delta R.T. -0.000 min
Lab File: VY004089.D
Acq: 16 Mar 2021 11:45



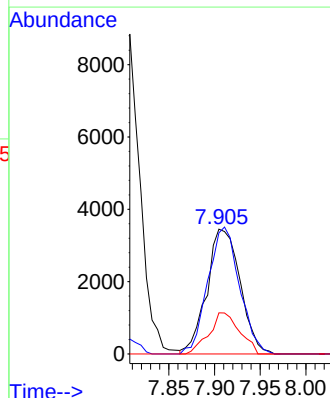
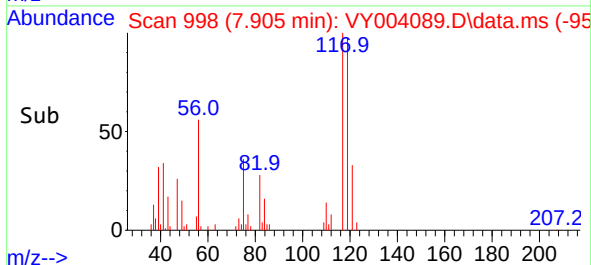
Tgt Ion: 43 Resp: 4435
Ion Ratio Lower Upper
43 100
61 11.5 10.7 16.1
70 8.8 7.7 11.5



#38
Carbon Tetrachloride
Concen: 2.53 ug/l
RT: 7.905 min Scan# 998
Delta R.T. -0.006 min
Lab File: VY004089.D
Acq: 16 Mar 2021 11:45



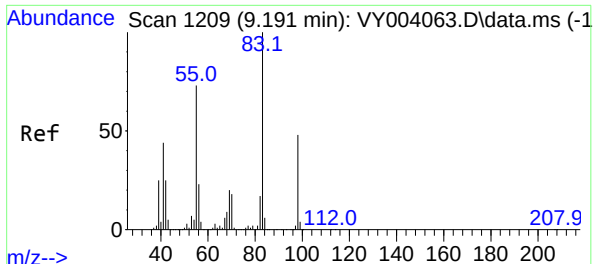
Tgt Ion: 117 Resp: 8767
Ion Ratio Lower Upper
117 100
119 97.0 75.4 113.0
121 33.0 24.2 36.2



Instrument :
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ClientSampleId :
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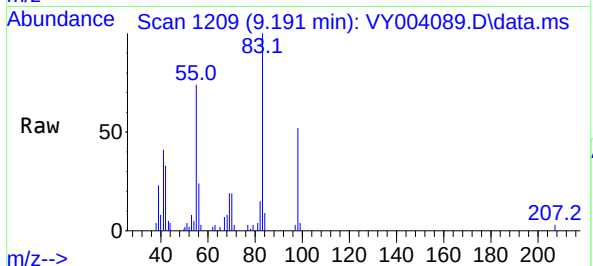
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#39
Methylcyclohexane
Concen: 2.52 ug/l
RT: 9.191 min Scan# 1209
Delta R.T. 0.000 min
Lab File: VY004089.D
Acq: 16 Mar 2021 11:45

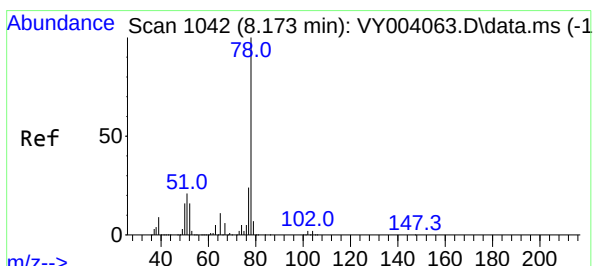
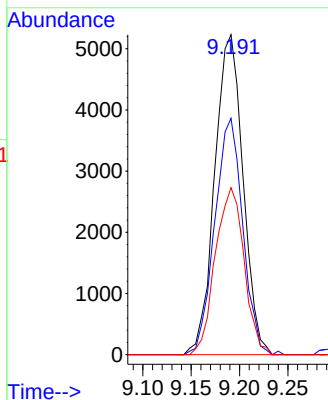
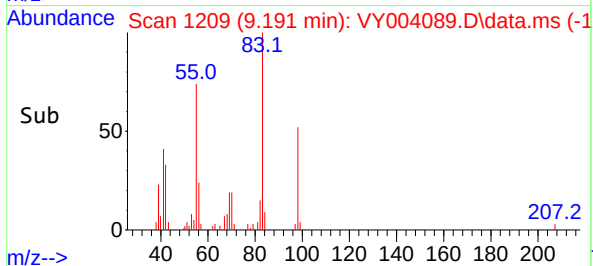
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



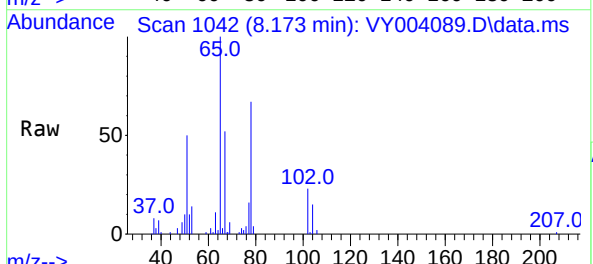
Tgt Ion: 83 Resp: 10628
Ion Ratio Lower Upper
83 100
55 73.8 65.6 98.4
98 52.2 39.5 59.3

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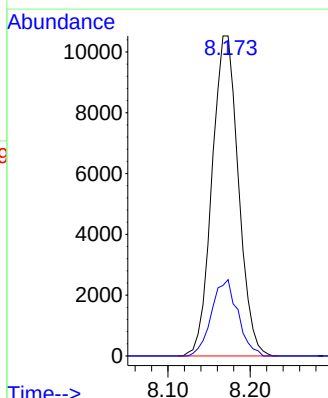
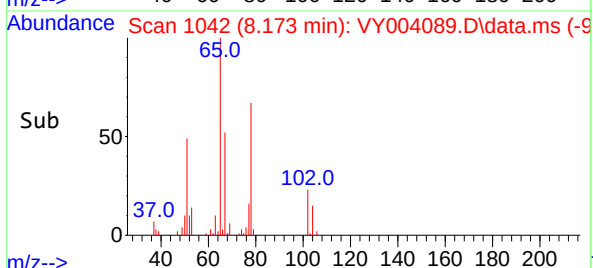
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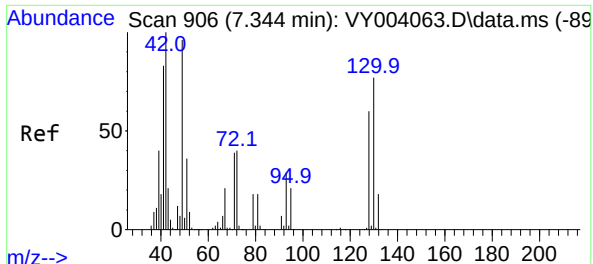


#40
Benzene
Concen: 2.56 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VY004089.D
Acq: 16 Mar 2021 11:45

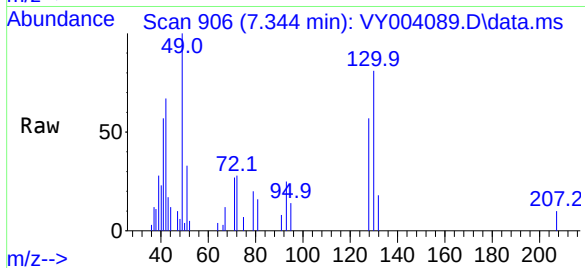


Tgt Ion: 78 Resp: 23528
Ion Ratio Lower Upper
78 100
77 23.9 20.1 30.1

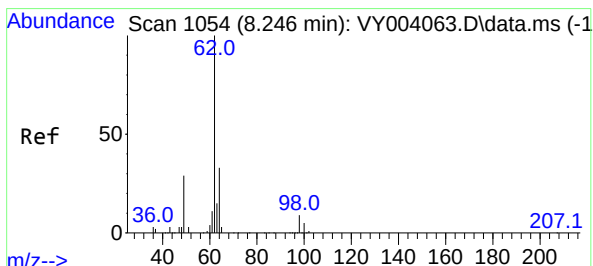
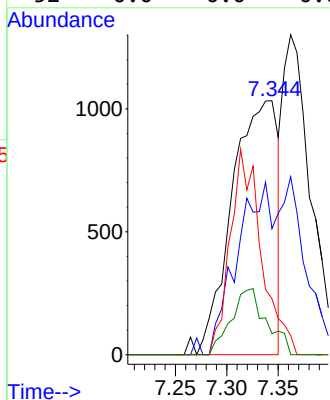
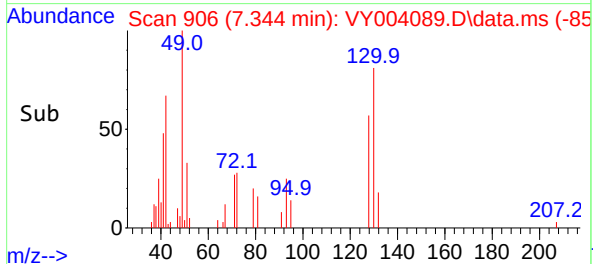




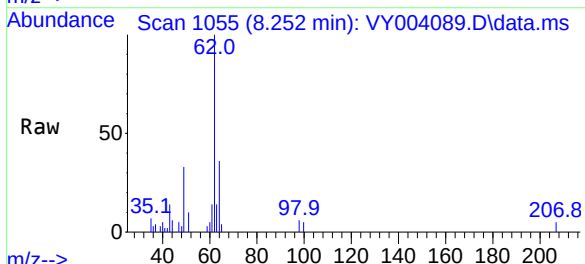
#41
Methacrylonitrile
Concen: 2.95 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY004089.D
Acq: 16 Mar 2021 11:45



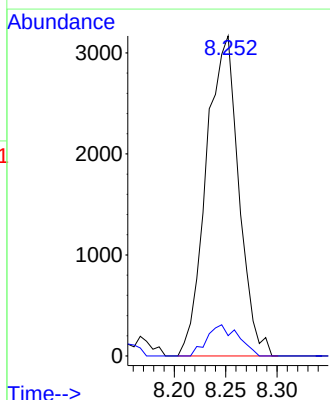
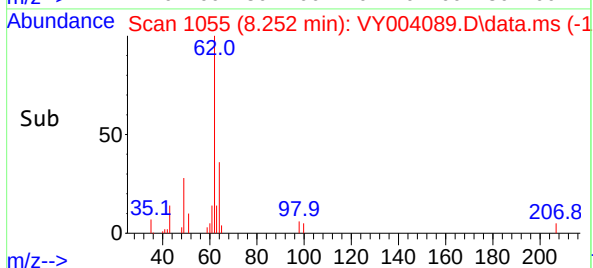
Tgt Ion: 41 Resp: 3211
Ion Ratio Lower Upper
41 100
39 50.8 91.2 136.8#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 2.48 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VY004089.D
Acq: 16 Mar 2021 11:45



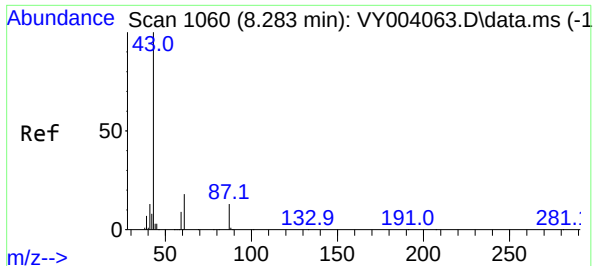
Tgt Ion: 62 Resp: 6962
Ion Ratio Lower Upper
62 100
98 9.4 0.0 17.0



Instrument :
MSVOA_Y
ClientSampleId :
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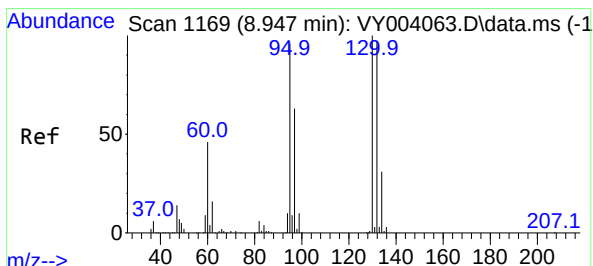
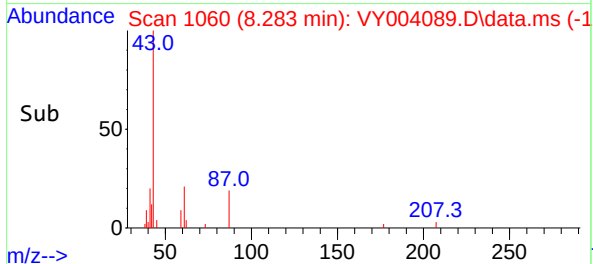
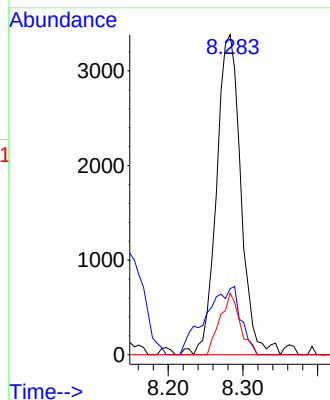
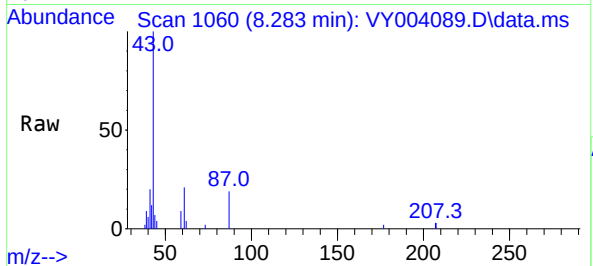
#43
Isopropyl Acetate
Concen: 2.16 ug/l
RT: 8.283 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VY004089.D
Acq: 16 Mar 2021 11:45

Tgt Ion: 43 Resp: 7638
Ion Ratio Lower Upper
43 100
61 30.9 22.1 33.1
87 15.9 9.8 14.8#

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

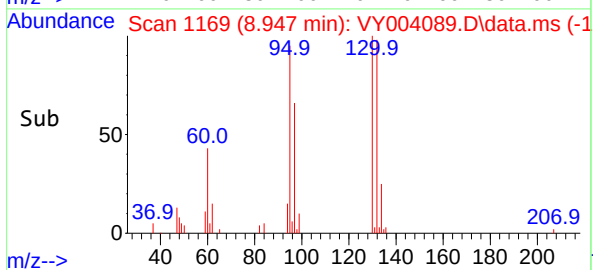
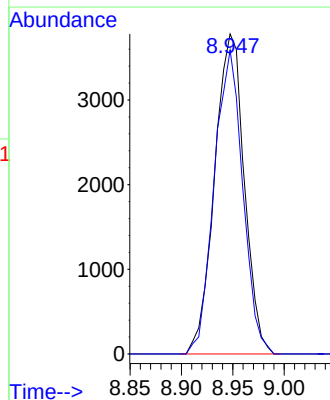
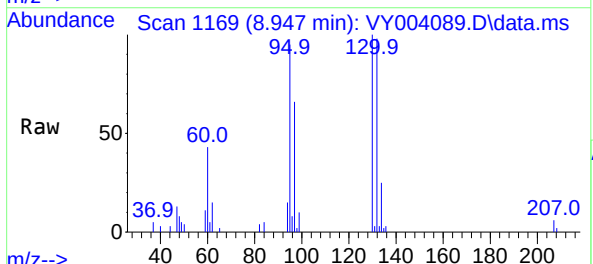
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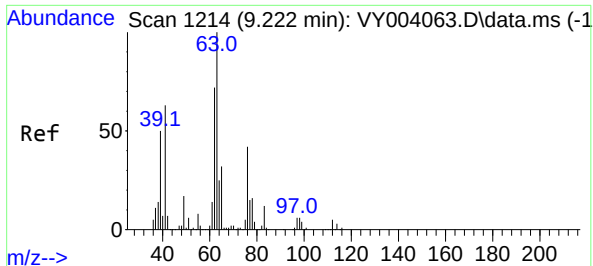
MMDadoda
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#44
Trichloroethene
Concen: 2.85 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VY004089.D
Acq: 16 Mar 2021 11:45

Tgt Ion:130 Resp: 7584
Ion Ratio Lower Upper
130 100
95 95.0 0.0 188.0





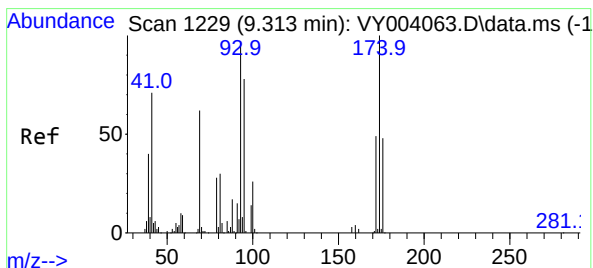
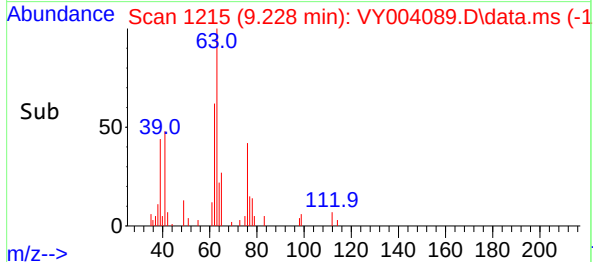
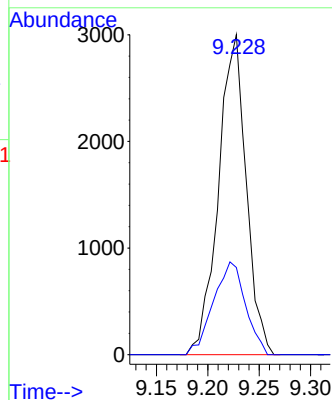
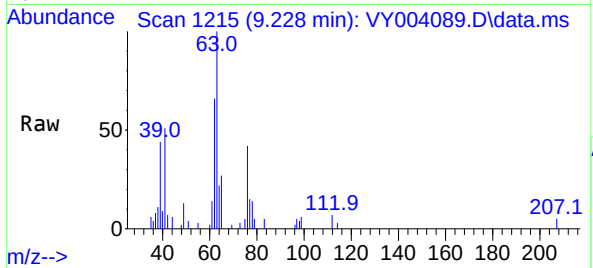
#45
1,2-Dichloropropane
Concen: 2.45 ug/l
RT: 9.228 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VY004089.D
Acq: 16 Mar 2021 11:45

Tgt Ion: 63 Resp: 5630
Ion Ratio Lower Upper
63 100
65 27.3 24.4 36.6

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

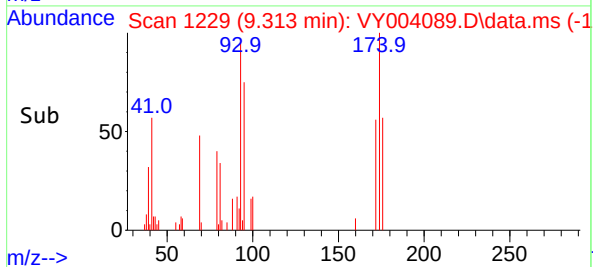
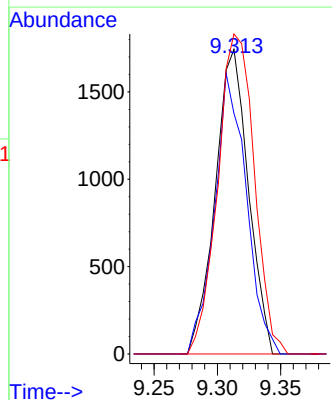
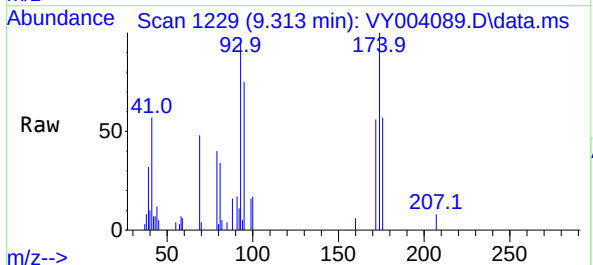
Manual Integrations
APPROVED

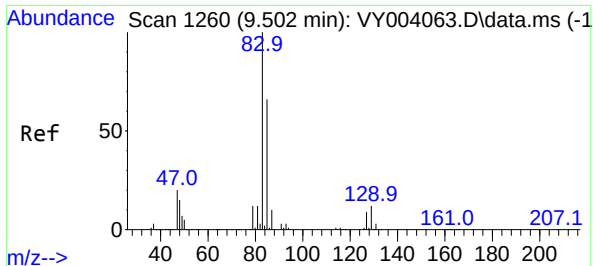
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#46
Dibromomethane
Concen: 2.42 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VY004089.D
Acq: 16 Mar 2021 11:45

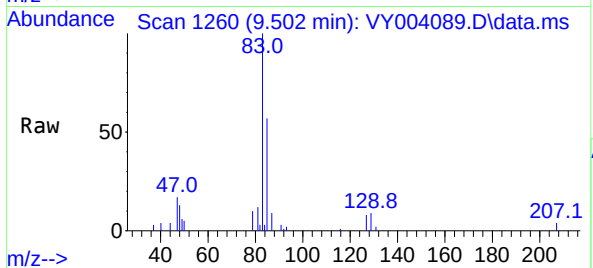
Tgt Ion: 93 Resp: 3176
Ion Ratio Lower Upper
93 100
95 88.5 66.3 99.5
174 116.0 88.1 132.1





#47
Bromodichloromethane
Concen: 2.43 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VY004089.D
Acq: 16 Mar 2021 11:45

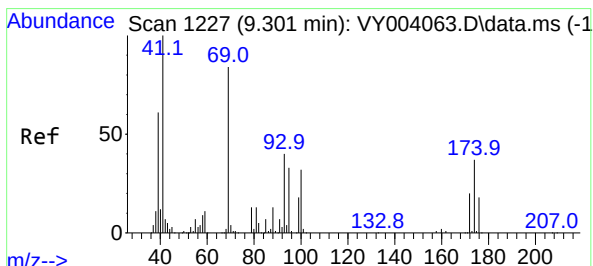
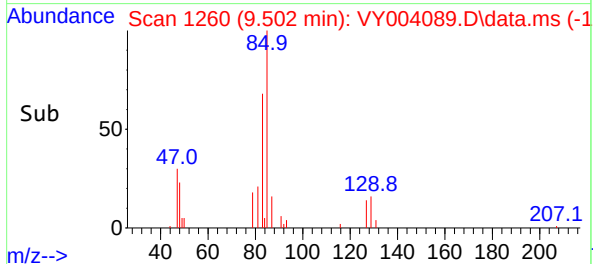
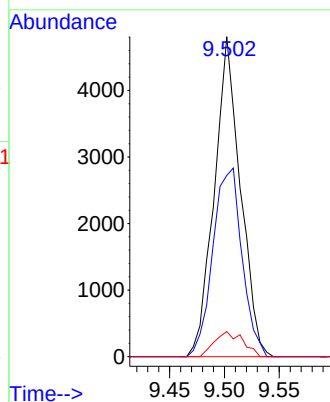
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



Tgt Ion:	83	Resp:	7966
Ion	Ratio	Lower	Upper
83	100		
85	56.7	51.6	77.4
127	7.9	6.5	9.7

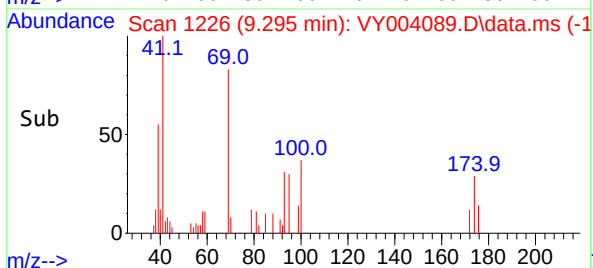
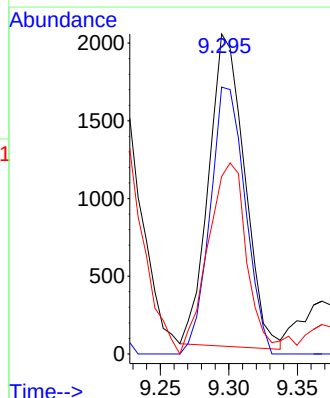
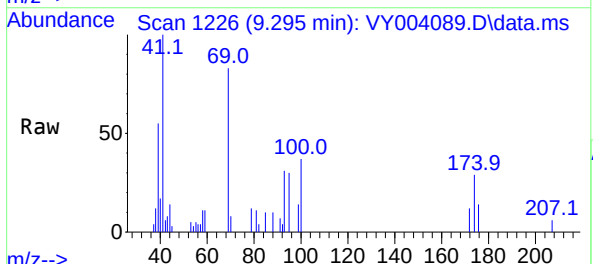
Manual Integrations
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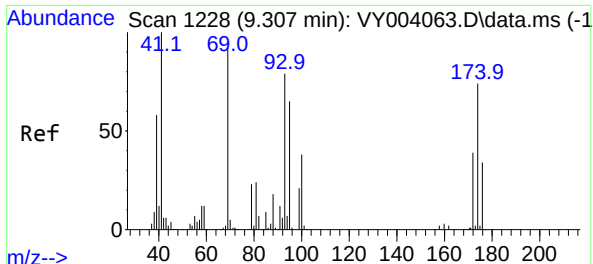
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#48
Methyl methacrylate
Concen: 2.18 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.006 min
Lab File: VY004089.D
Acq: 16 Mar 2021 11:45

Tgt Ion:	41	Resp:	3650
Ion	Ratio	Lower	Upper
41	100		
69	83.7	65.1	97.7
39	66.5	44.2	66.2#





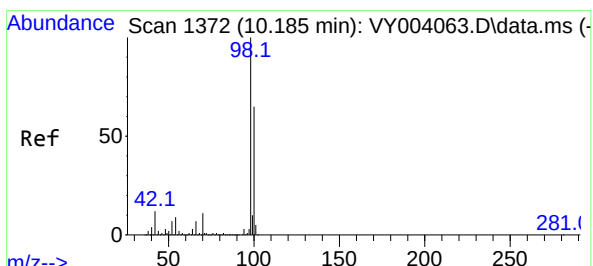
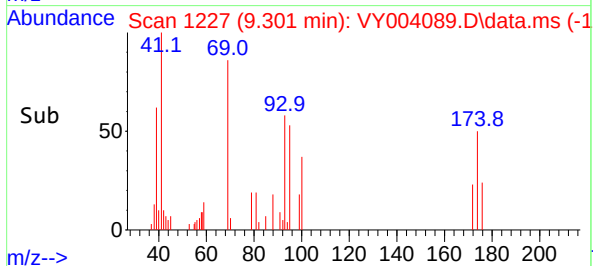
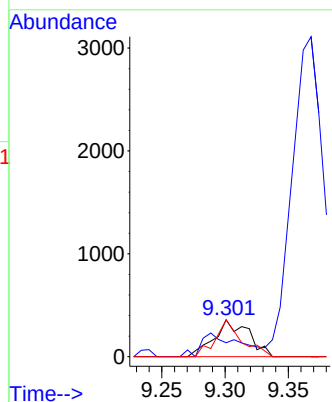
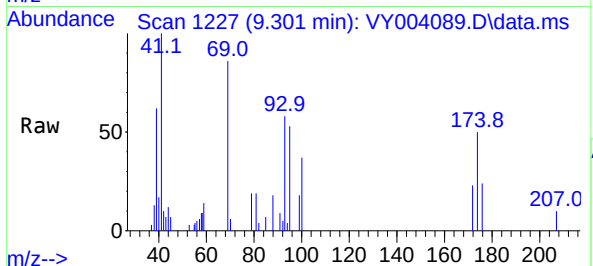
#49
1,4-Dioxane
Concen: 40.69 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VY004089.D
Acq: 16 Mar 2021 11:45

Tgt Ion: 88 Resp: 680
Ion Ratio Lower Upper
88 100
43 74.0 32.0 48.0#
58 76.3 56.5 84.7

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

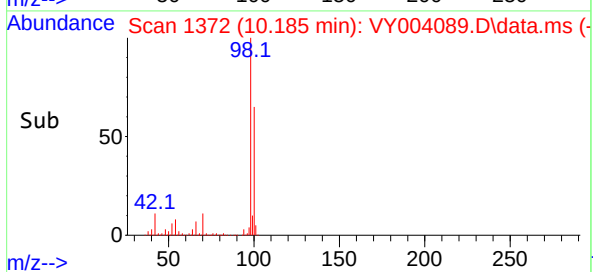
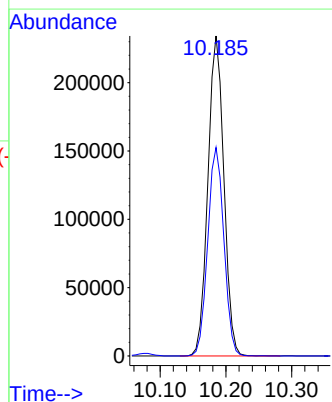
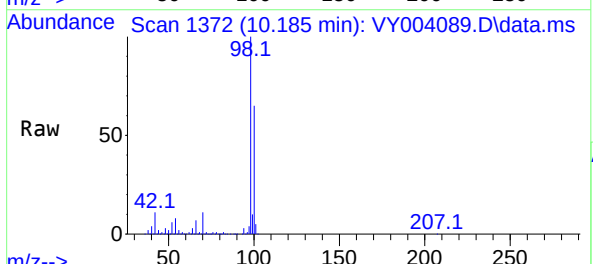
Manual Integrations
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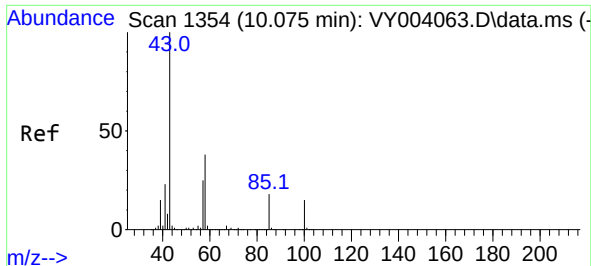
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#50
Toluene-d8
Concen: 48.14 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004089.D
Acq: 16 Mar 2021 11:45

Tgt Ion: 98 Resp: 395559
Ion Ratio Lower Upper
98 100
100 65.8 51.8 77.6





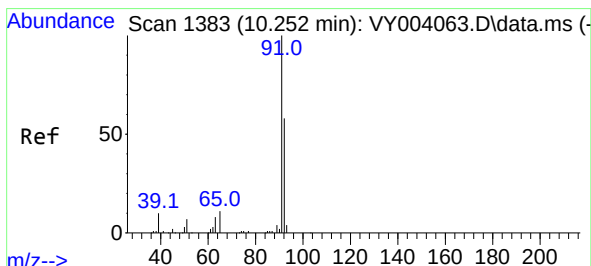
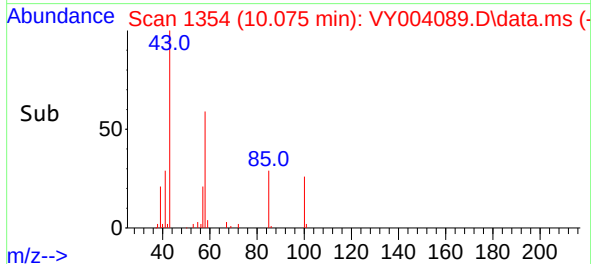
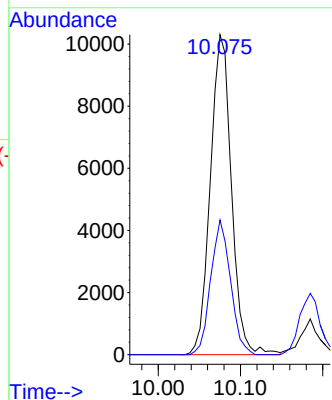
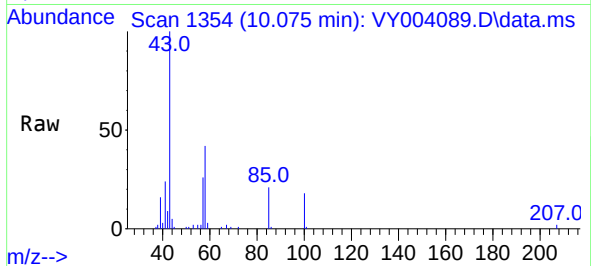
#51
4-Methyl-2-Pentanone
Concen: 10.26 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY004089.D
Acq: 16 Mar 2021 11:45

Tgt Ion: 43 Resp: 18347
Ion Ratio Lower Upper
43 100
58 39.5 29.8 44.8

Instrument :
MSVOA_Y
ClientSampleId :
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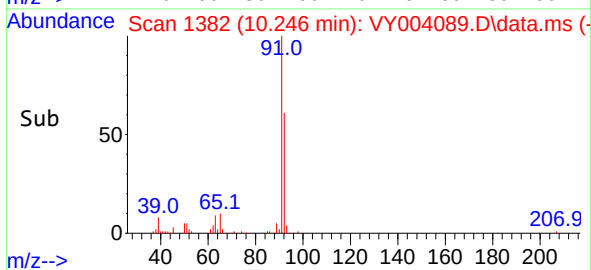
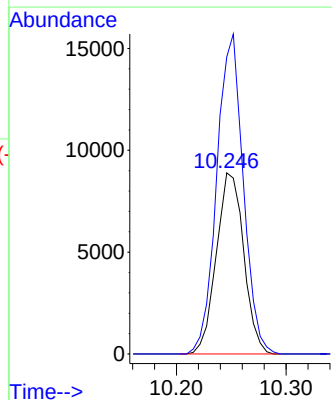
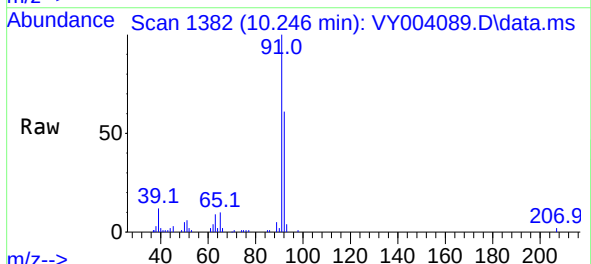
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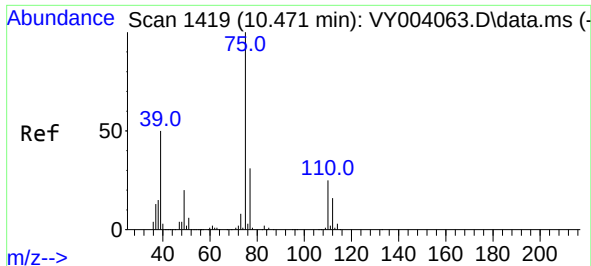
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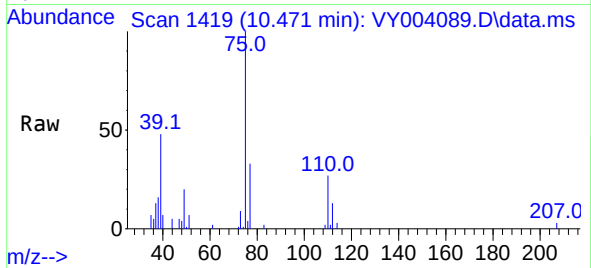
#52
Toluene
Concen: 2.59 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.006 min
Lab File: VY004089.D
Acq: 16 Mar 2021 11:45

Tgt Ion: 92 Resp: 15431
Ion Ratio Lower Upper
92 100
91 171.1 141.0 211.4

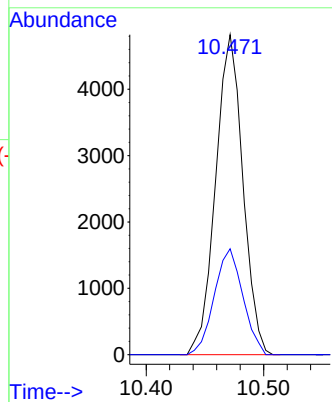
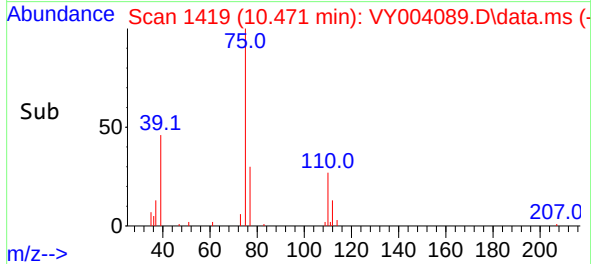




#53
t-1,3-Dichloropropene
Concen: 2.25 ug/l
RT: 10.471 min Scan# 1419
Delta R.T. 0.000 min
Lab File: VY004089.D
Acq: 16 Mar 2021 11:45



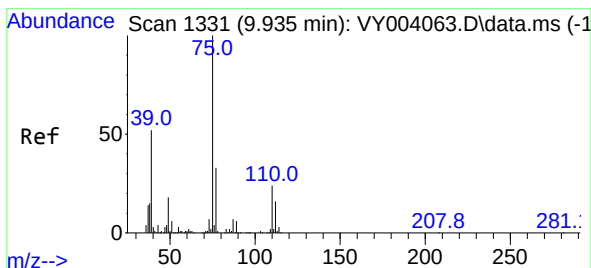
Tgt Ion: 75 Resp: 7774
Ion Ratio Lower Upper
75 100
77 33.1 24.5 36.7



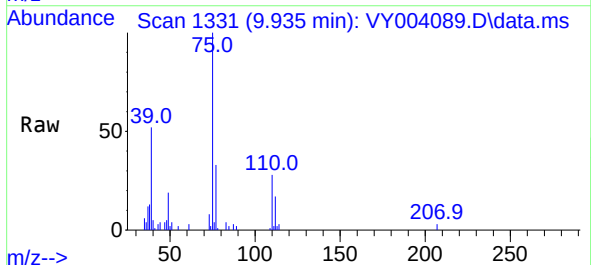
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

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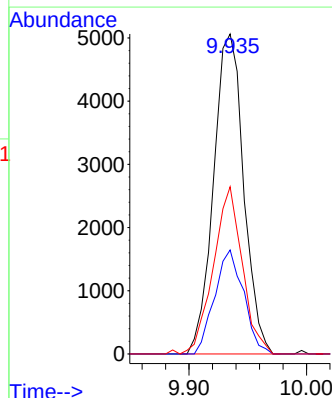
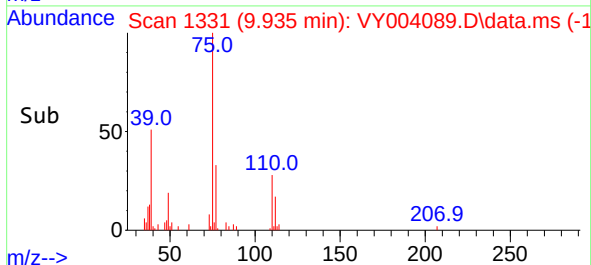
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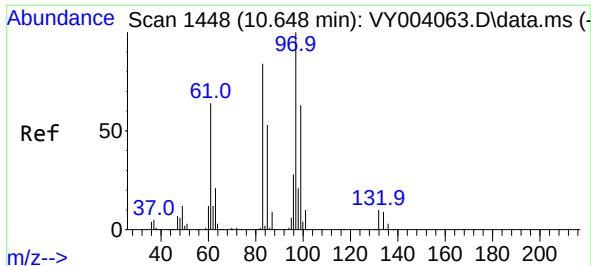


#54
cis-1,3-Dichloropropene
Concen: 2.32 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. -0.000 min
Lab File: VY004089.D
Acq: 16 Mar 2021 11:45

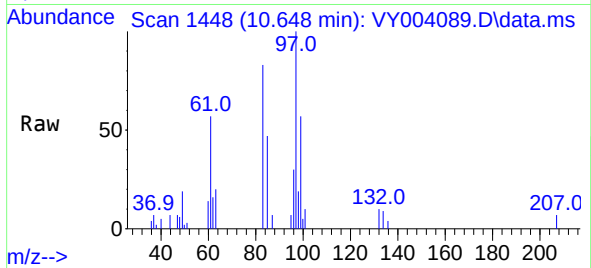


Tgt Ion: 75 Resp: 9003
Ion Ratio Lower Upper
75 100
77 32.5 24.2 36.4
39 52.2 40.4 60.6

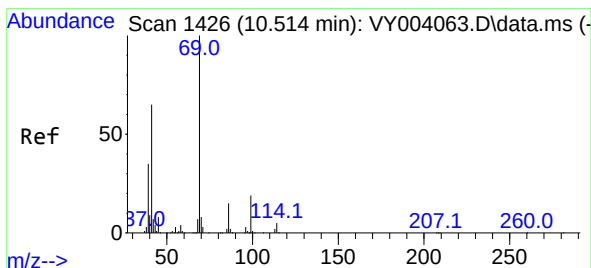
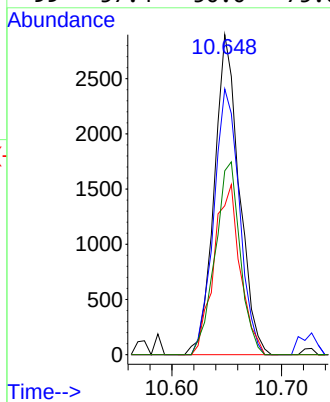
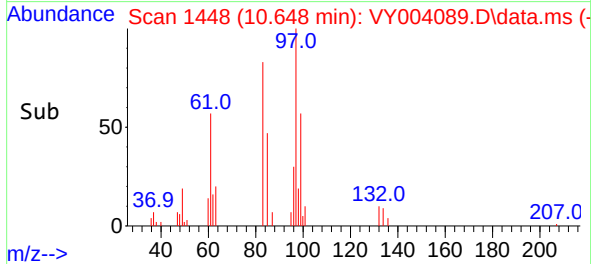




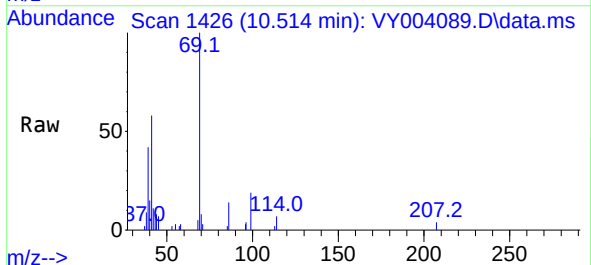
#55
1,1,2-Trichloroethane
Concen: 2.49 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY004089.D
Acq: 16 Mar 2021 11:45



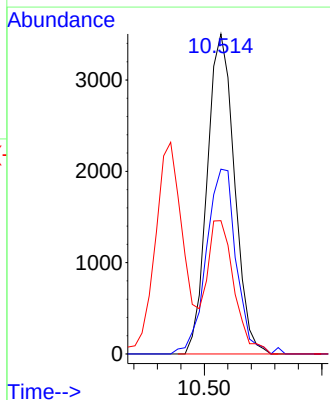
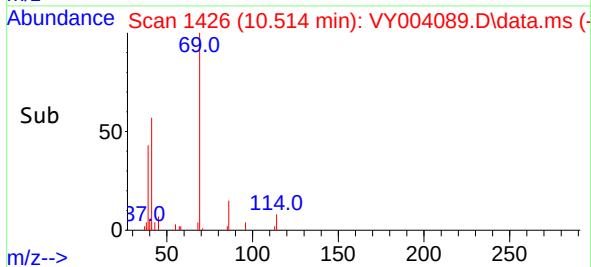
Tgt Ion:	97	Resp:	4593
Ion	Ratio	Lower	Upper
97	100		
83	83.0	69.4	104.0
85	46.6	43.4	65.0
99	57.4	50.0	75.0



#56
Ethyl methacrylate
Concen: 2.18 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VY004089.D
Acq: 16 Mar 2021 11:45



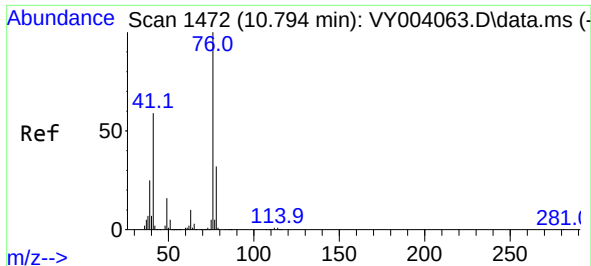
Tgt Ion:	69	Resp:	5633
Ion	Ratio	Lower	Upper
69	100		
41	63.8	57.2	85.8
39	40.4	27.8	41.6



Instrument :
MSVOA_Y
ClientSampleId :
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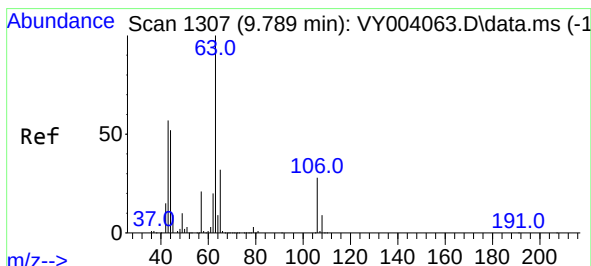
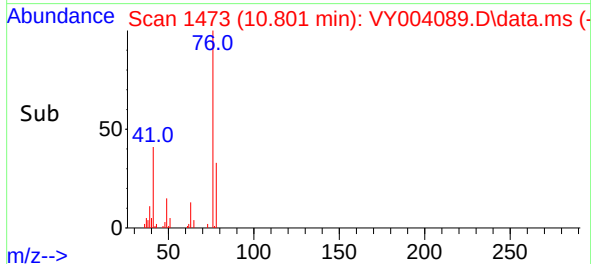
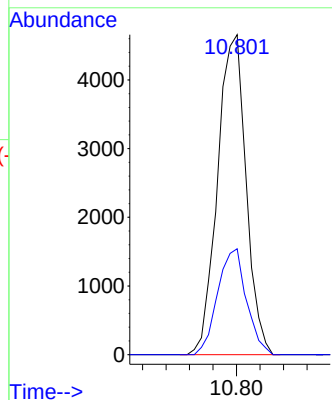
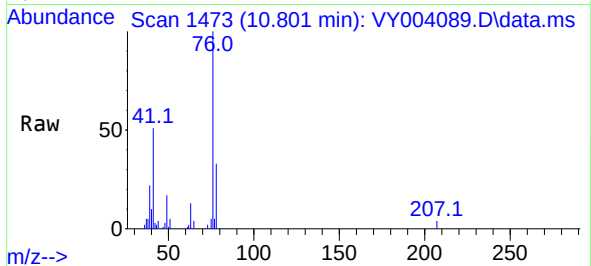
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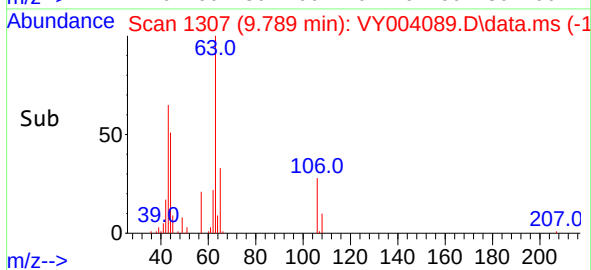
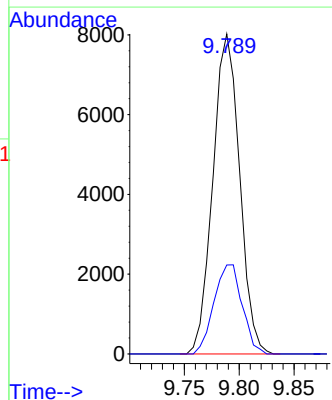
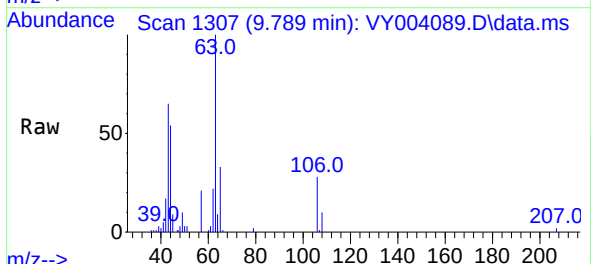
#57
1,3-Dichloropropane
Concen: 2.49 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. 0.007 min
Lab File: VY004089.D
Acq: 16 Mar 2021 11:45

Tgt Ion: 76 Resp: 7857
Ion Ratio Lower Upper
76 100
78 33.4 25.5 38.3



#58
2-Chloroethyl Vinyl ether
Concen: 11.89 ug/l
RT: 9.789 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VY004089.D
Acq: 16 Mar 2021 11:45

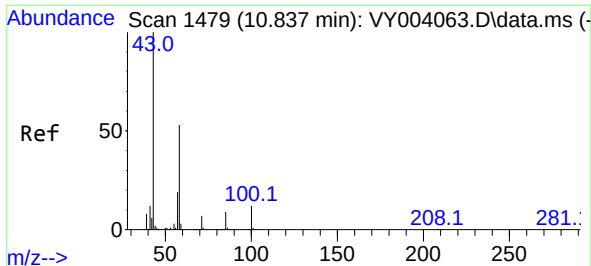
Tgt Ion: 63 Resp: 13613
Ion Ratio Lower Upper
63 100
106 29.3 22.1 33.1



Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

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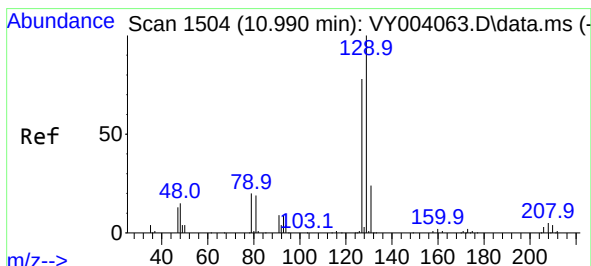
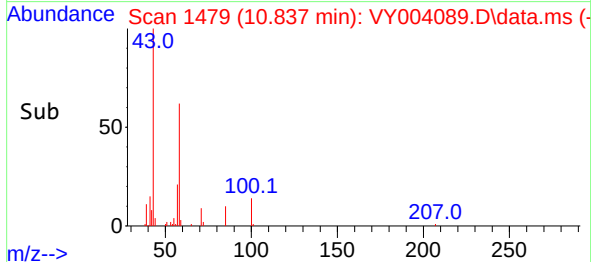
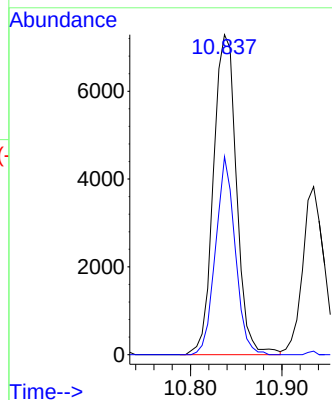
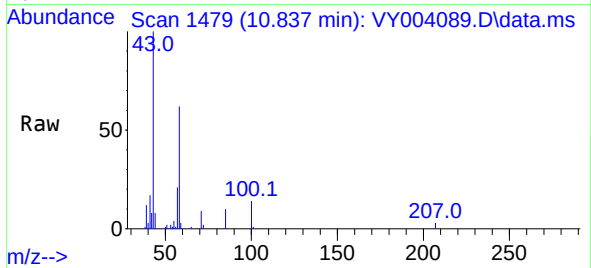
#59
2-Hexanone
Concen: 10.17 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY004089.D
Acq: 16 Mar 2021 11:45

Tgt Ion: 43 Resp: 12770
Ion Ratio Lower Upper
43 100
58 52.7 26.5 79.4

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

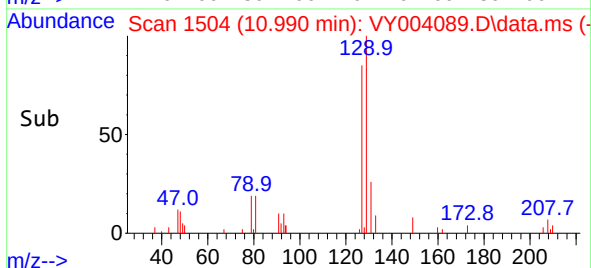
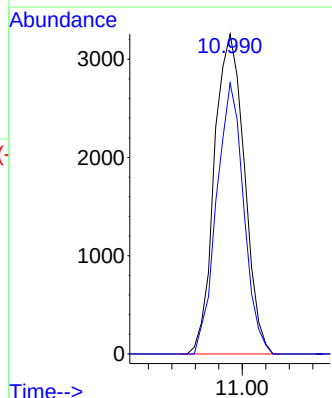
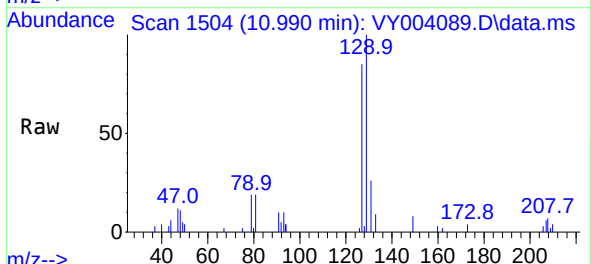
Manual Integrations
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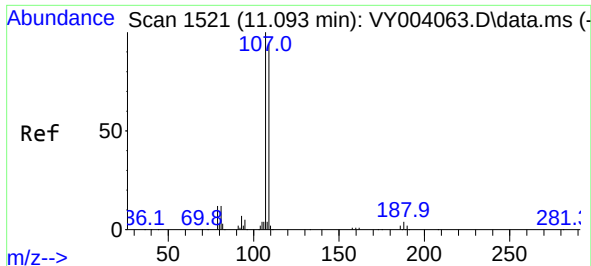
MMDadoda
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#60
Dibromochloromethane
Concen: 2.49 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. -0.000 min
Lab File: VY004089.D
Acq: 16 Mar 2021 11:45

Tgt Ion: 129 Resp: 5768
Ion Ratio Lower Upper
129 100
127 77.0 39.0 117.0





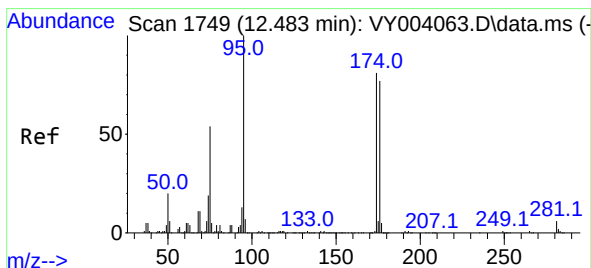
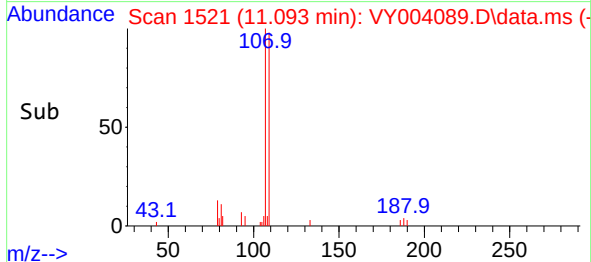
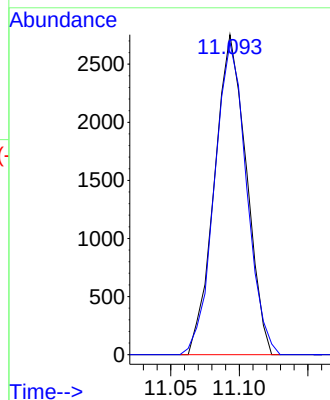
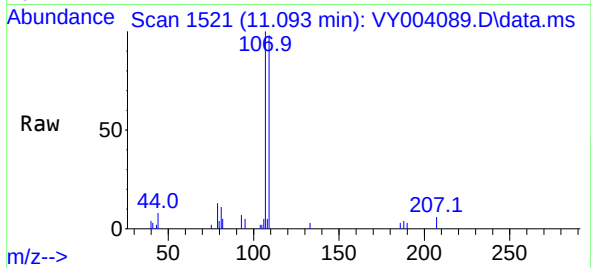
#61
1,2-Dibromoethane
Concen: 2.47 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY004089.D
Acq: 16 Mar 2021 11:45

Tgt Ion: 107 Resp: 4449
Ion Ratio Lower Upper
107 100
109 98.0 76.7 115.1

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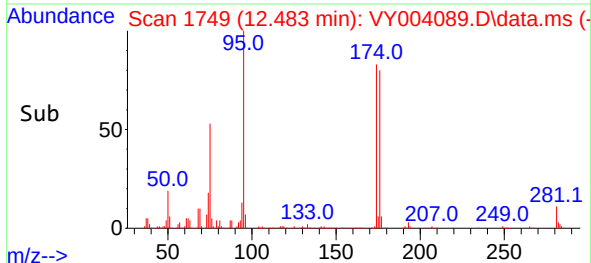
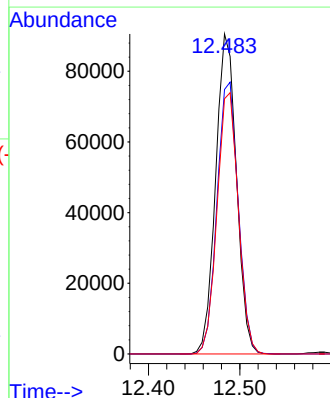
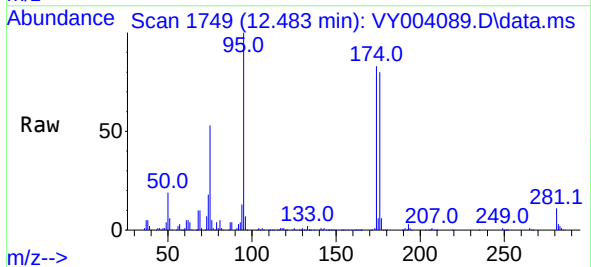
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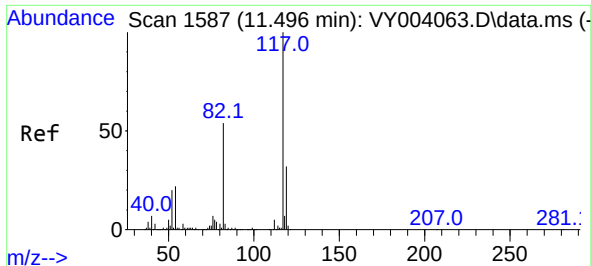
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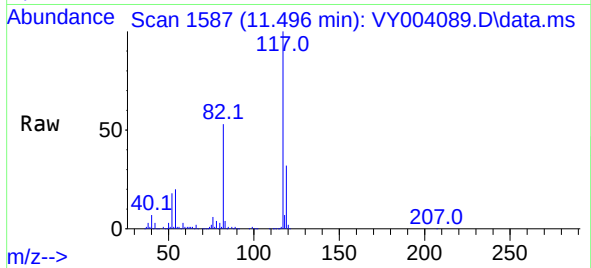
#62
4-Bromofluorobenzene
Concen: 47.13 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004089.D
Acq: 16 Mar 2021 11:45

Tgt Ion: 95 Resp: 143013
Ion Ratio Lower Upper
95 100
174 86.6 0.0 179.0
176 83.6 0.0 174.4

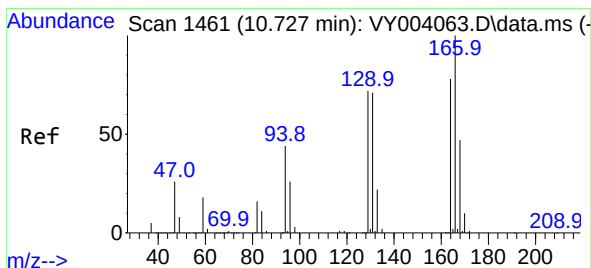
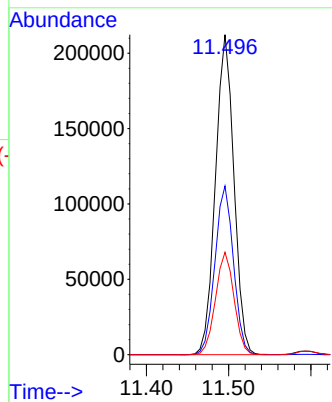
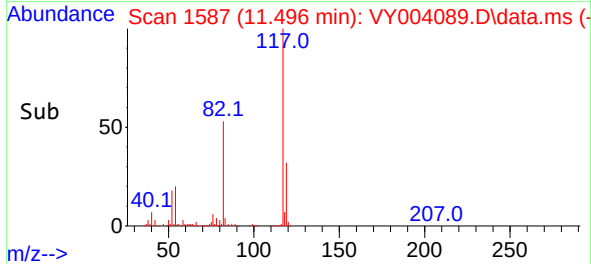




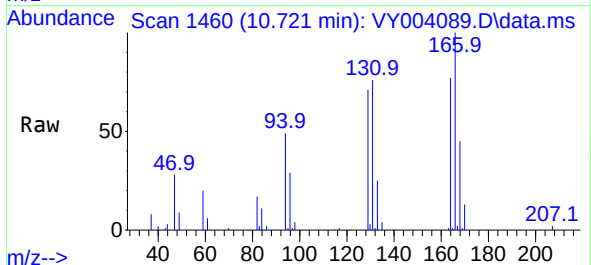
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004089.D
Acq: 16 Mar 2021 11:45



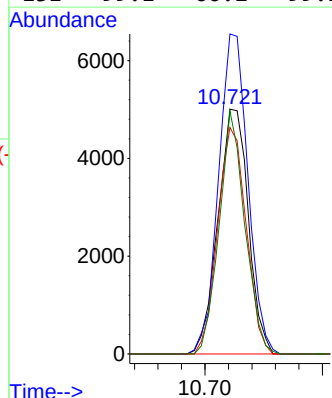
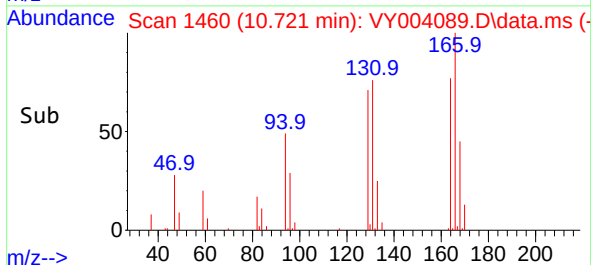
Tgt Ion:117 Resp: 331636
Ion Ratio Lower Upper
117 100
82 52.7 43.8 65.6
119 32.0 26.2 39.2



#64
Tetrachloroethene
Concen: 3.23 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VY004089.D
Acq: 16 Mar 2021 11:45



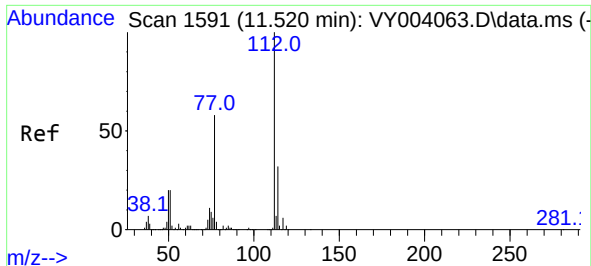
Tgt Ion:164 Resp: 8969
Ion Ratio Lower Upper
164 100
166 130.7 102.7 154.1
129 92.5 70.6 105.8
131 99.1 66.2 99.2



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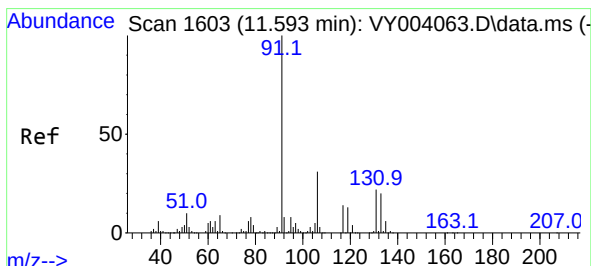
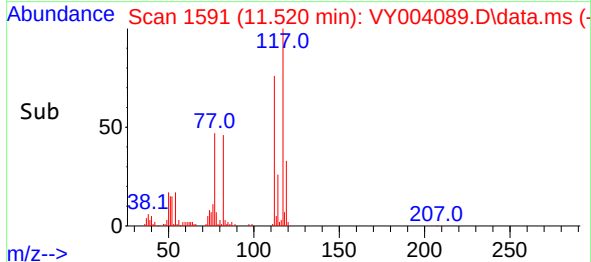
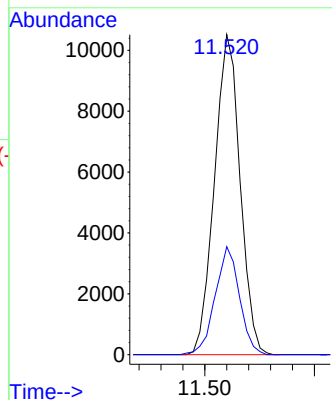
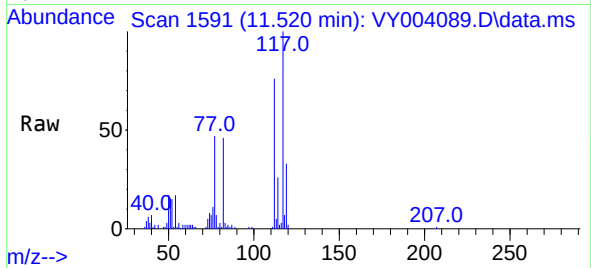
#65
Chlorobenzene
Concen: 2.69 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY004089.D
Acq: 16 Mar 2021 11:45

Tgt Ion:112 Resp: 17065
Ion Ratio Lower Upper
112 100
114 33.7 26.5 39.7

Instrument :
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ClientSampleId :
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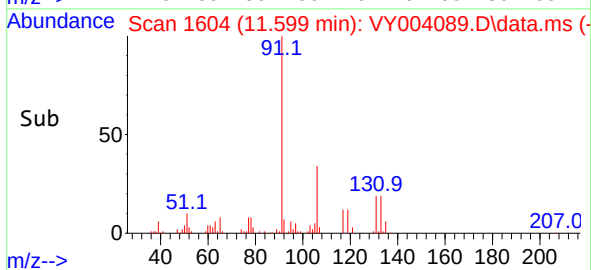
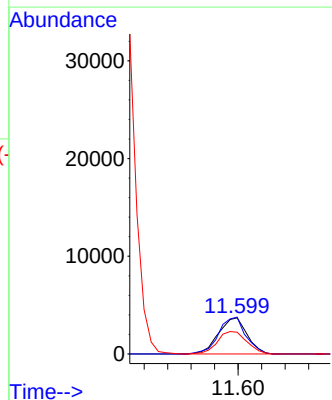
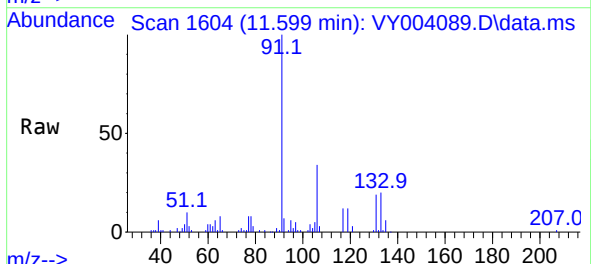
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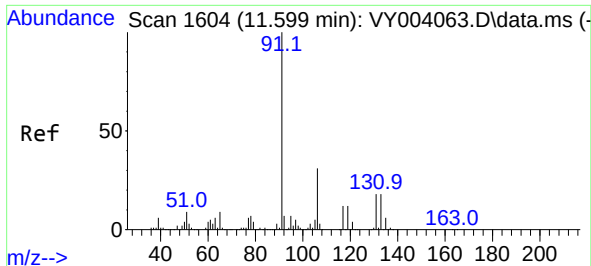
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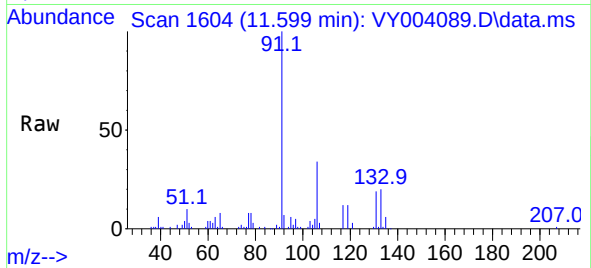
#66
1,1,1,2-Tetrachloroethane
Concen: 2.61 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.006 min
Lab File: VY004089.D
Acq: 16 Mar 2021 11:45

Tgt Ion:131 Resp: 6206
Ion Ratio Lower Upper
131 100
133 97.6 48.1 144.3
119 64.3 31.5 94.5

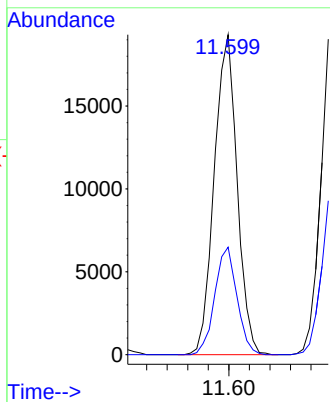
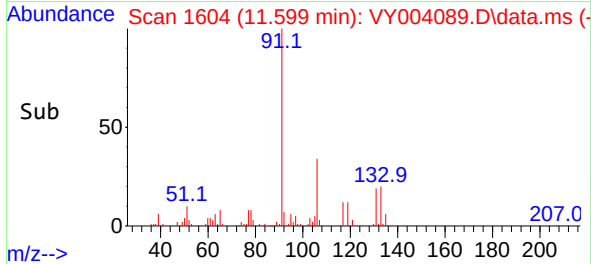




#67
Ethyl Benzene
Concen: 2.55 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY004089.D
Acq: 16 Mar 2021 11:45



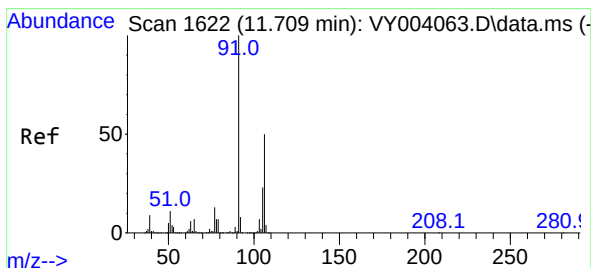
Tgt Ion: 91 Resp: 29768
Ion Ratio Lower Upper
91 100
106 33.6 24.5 36.7



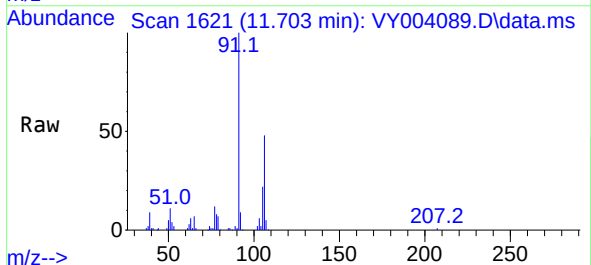
Instrument :
MSVOA_Y
ClientSampleId :
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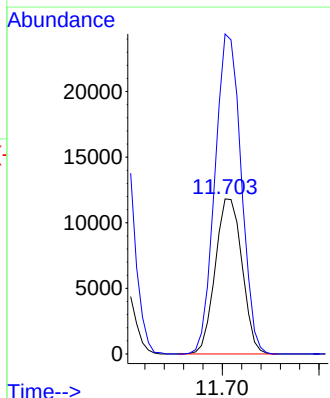
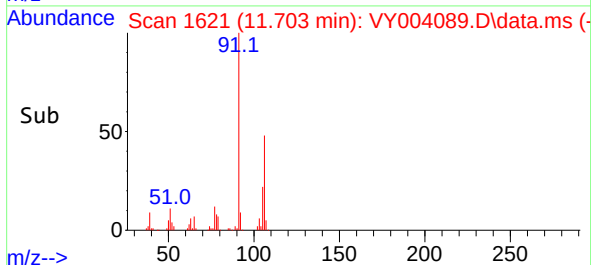
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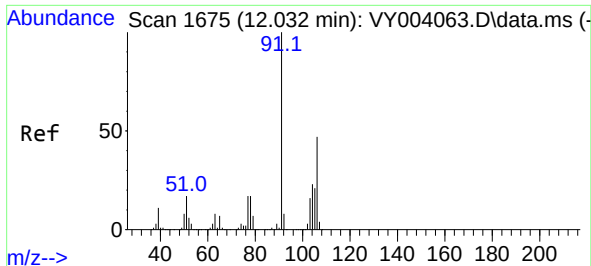


#68
m/p-Xylenes
Concen: 5.12 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.006 min
Lab File: VY004089.D
Acq: 16 Mar 2021 11:45



Tgt Ion: 106 Resp: 22777
Ion Ratio Lower Upper
106 100
91 201.6 165.4 248.0





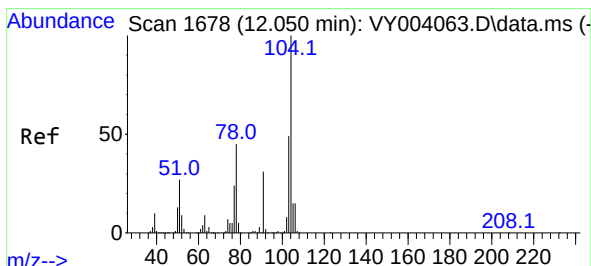
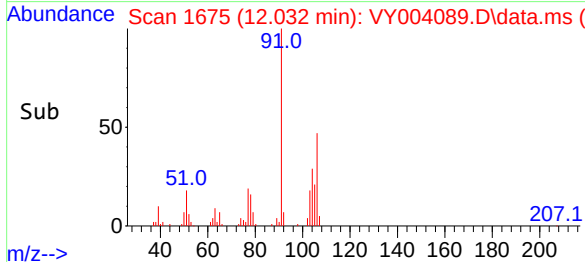
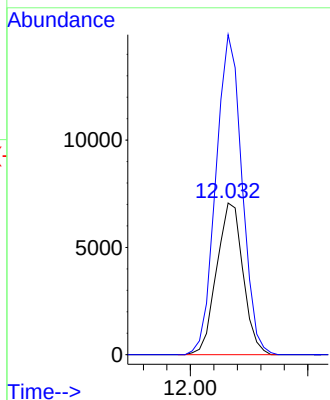
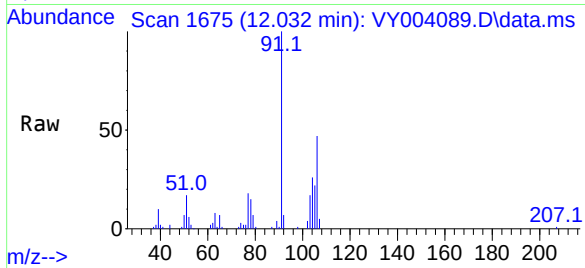
#69
o-Xylene
Concen: 2.63 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY004089.D
Acq: 16 Mar 2021 11:45

Tgt Ion:106 Resp: 11045
Ion Ratio Lower Upper
106 100
91 208.9 108.9 326.7

Instrument :
MSVOA_Y
ClientSampleId :
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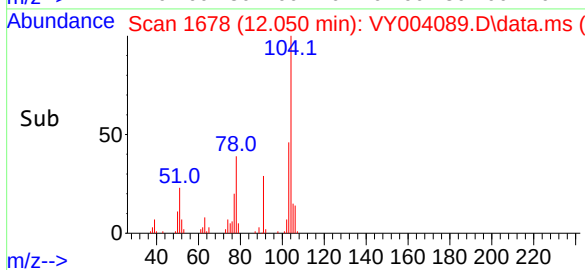
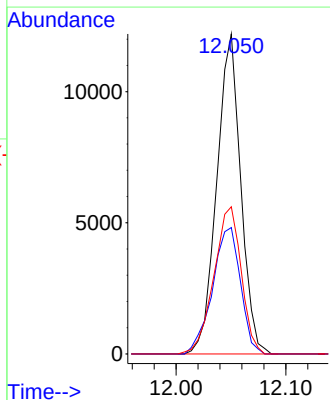
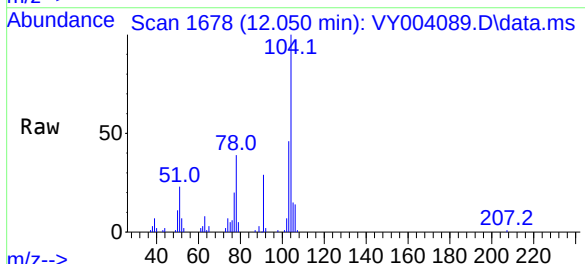
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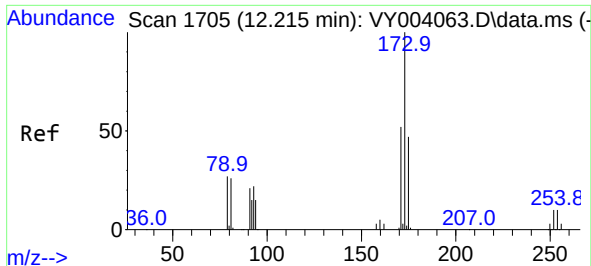
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#70
Styrene
Concen: 2.57 ug/l
RT: 12.050 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY004089.D
Acq: 16 Mar 2021 11:45

Tgt Ion:104 Resp: 18532
Ion Ratio Lower Upper
104 100
78 46.1 41.1 61.7
103 52.3 43.9 65.9





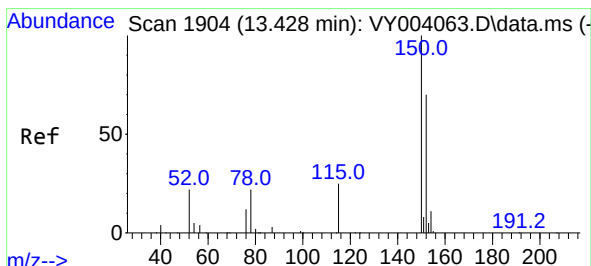
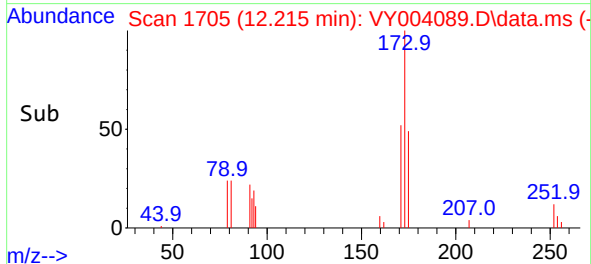
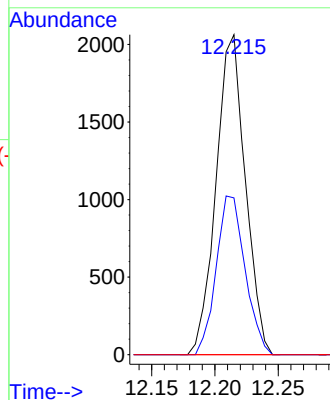
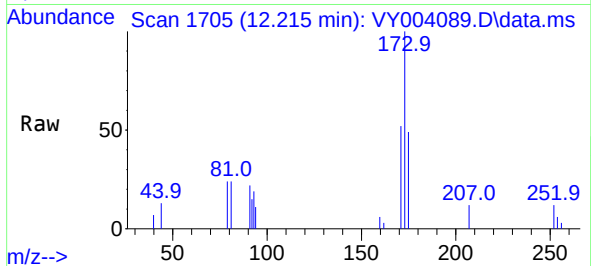
#71
Bromoform
Concen: 2.34 ug/l
RT: 12.215 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VY004089.D
Acq: 16 Mar 2021 11:45

Tgt Ion:173 Resp: 3322
Ion Ratio Lower Upper
173 100
175 48.8 24.1 72.4
254 0.0 0.1 0.1#

Instrument :
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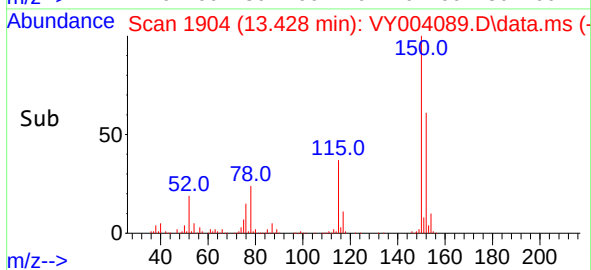
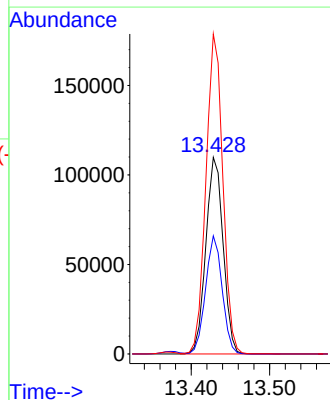
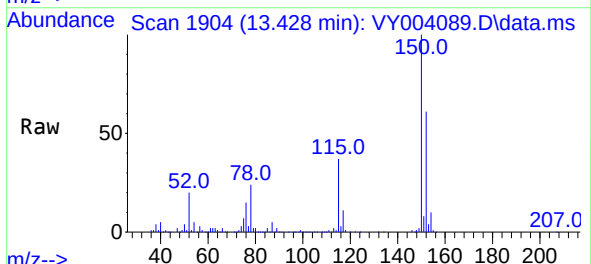
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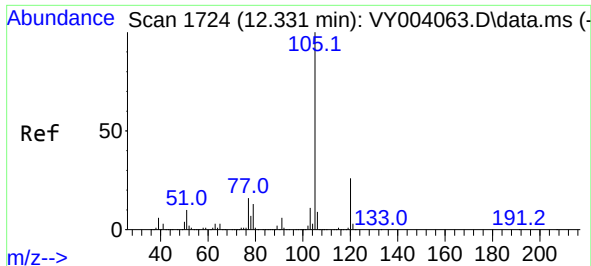
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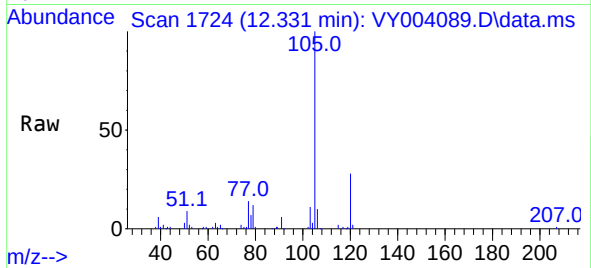
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004089.D
Acq: 16 Mar 2021 11:45

Tgt Ion:152 Resp: 167825
Ion Ratio Lower Upper
152 100
115 57.8 28.2 84.6
150 158.9 0.0 347.2

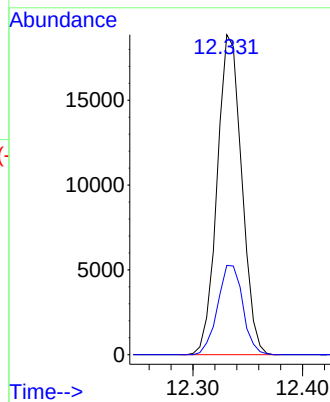
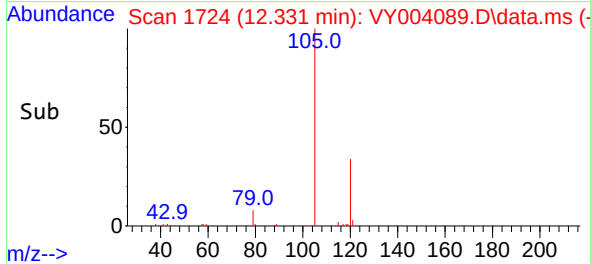




#73
Isopropylbenzene
Concen: 2.52 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY004089.D
Acq: 16 Mar 2021 11:45



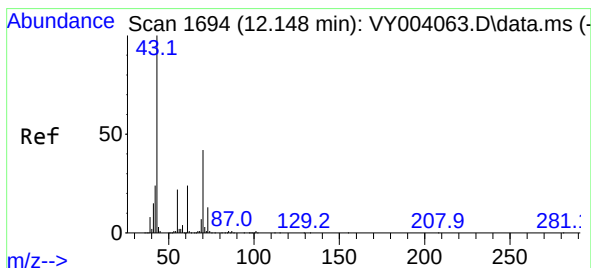
Tgt Ion: 105 Resp: 29362
Ion Ratio Lower Upper
105 100
120 28.6 13.3 39.9



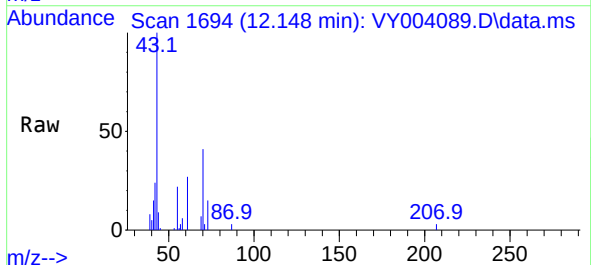
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

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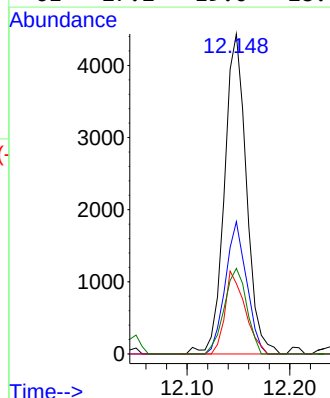
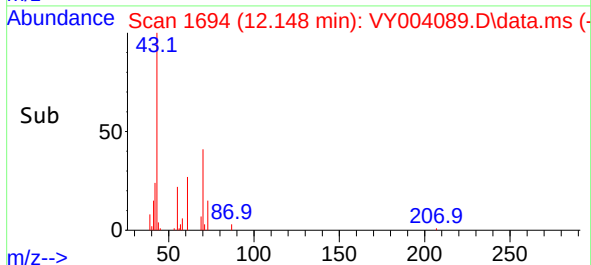
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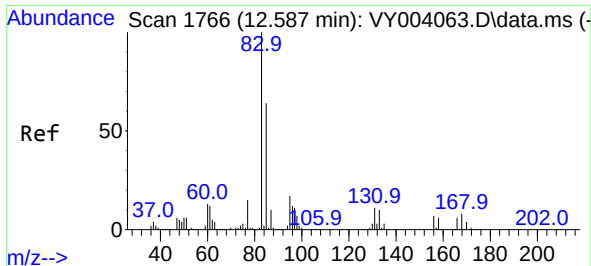


#74
N-ethyl acetate
Concen: 1.97 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VY004089.D
Acq: 16 Mar 2021 11:45



Tgt Ion: 43 Resp: 6587
Ion Ratio Lower Upper
43 100
70 39.9 32.3 48.5
55 23.6 18.4 27.6
61 27.2 19.0 28.4





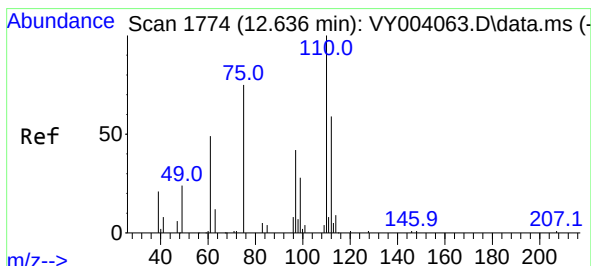
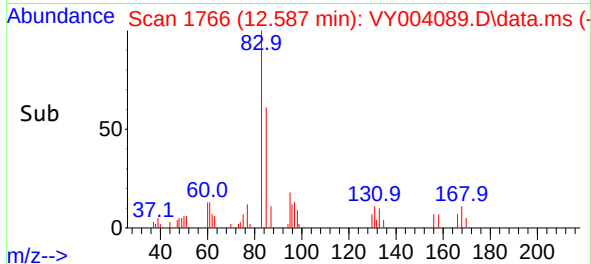
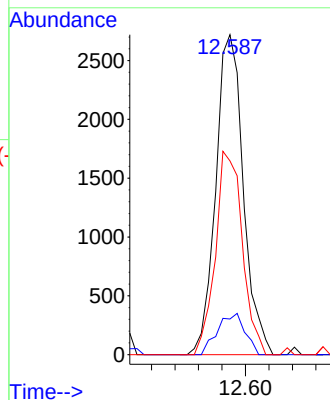
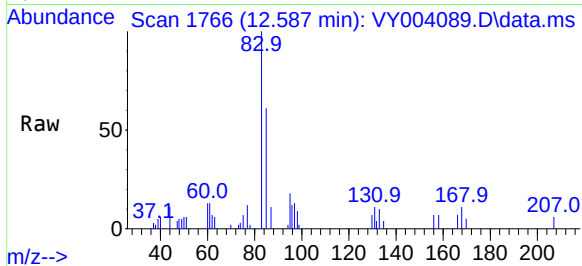
#75
1,1,2,2-Tetrachloroethane
Concen: 2.19 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. -0.000 min
Lab File: VY004089.D
Acq: 16 Mar 2021 11:45

Tgt Ion	Ratio	Lower	Upper
83	100		
131	12.8	5.5	16.4
85	61.8	31.6	95.0

Instrument :
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ClientSampleId :
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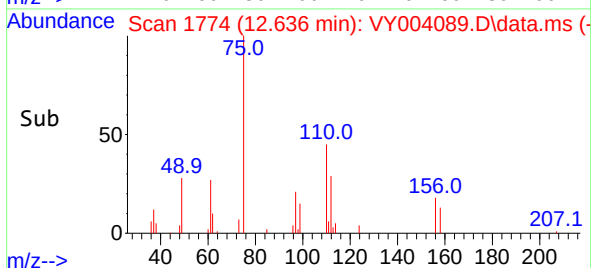
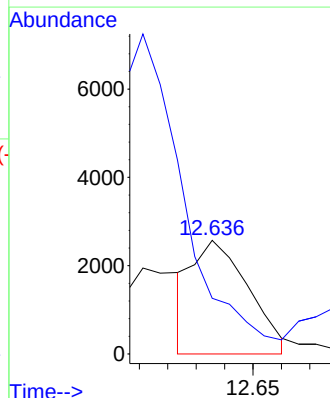
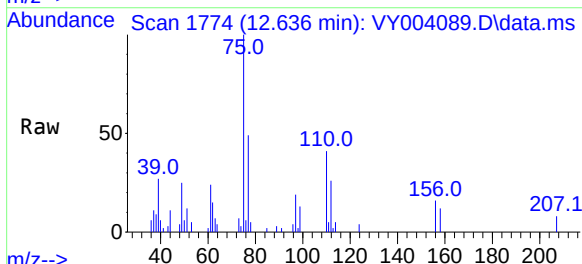
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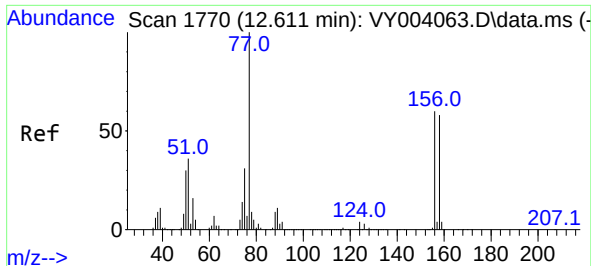
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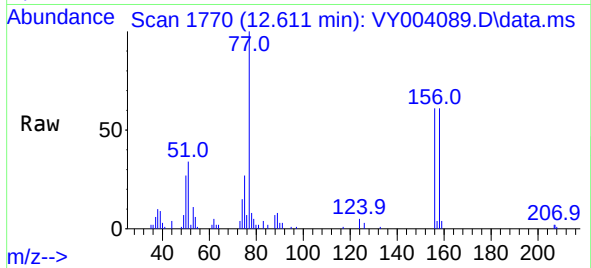
#76
1,2,3-Trichloropropane
Concen: 2.19 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. -0.000 min
Lab File: VY004089.D
Acq: 16 Mar 2021 11:45

Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

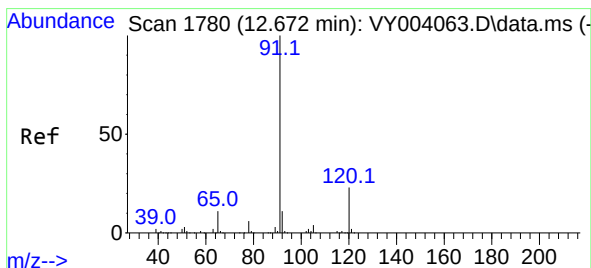
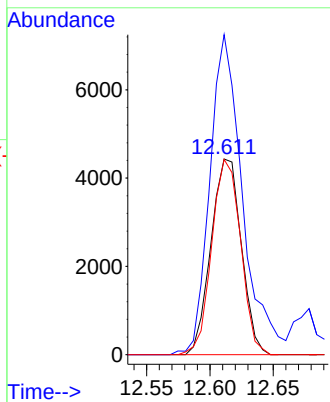
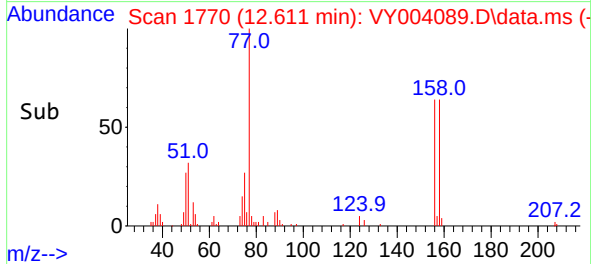




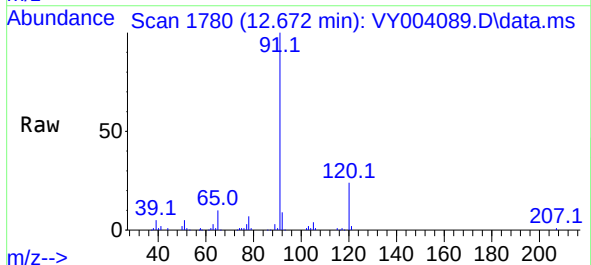
#77
Bromobenzene
Concen: 2.75 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY004089.D
Acq: 16 Mar 2021 11:45



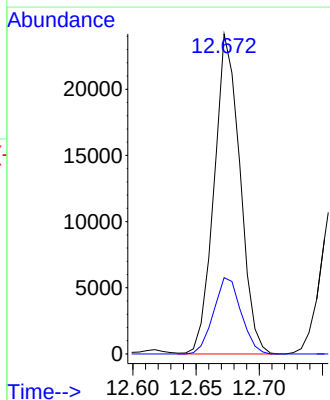
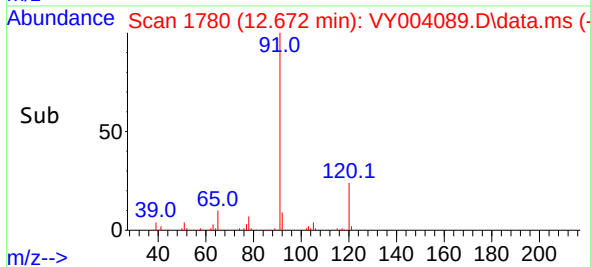
Tgt Ion: 156 Resp: 7404
Ion Ratio Lower Upper
156 100
77 176.0 90.5 271.3
158 94.8 48.9 146.6



#78
n-propylbenzene
Concen: 2.49 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY004089.D
Acq: 16 Mar 2021 11:45



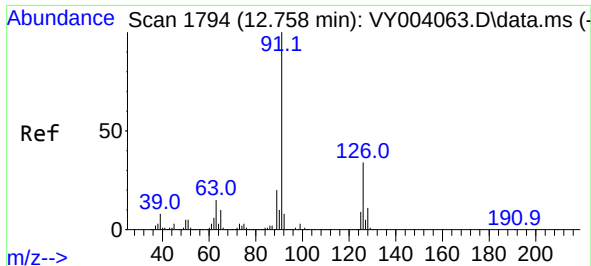
Tgt Ion: 91 Resp: 34263
Ion Ratio Lower Upper
91 100
120 25.4 11.3 33.9



Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

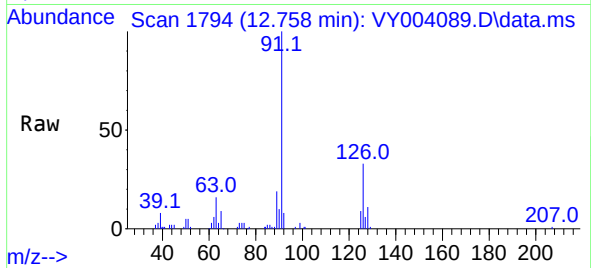
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#79
2-Chlorotoluene
Concen: 2.59 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY004089.D
Acq: 16 Mar 2021 11:45

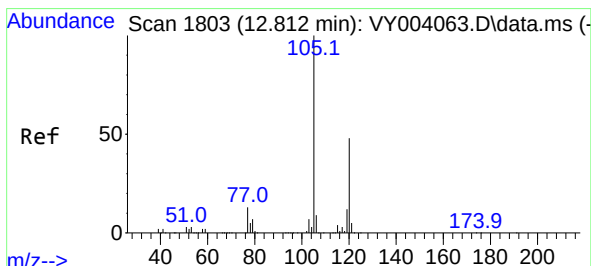
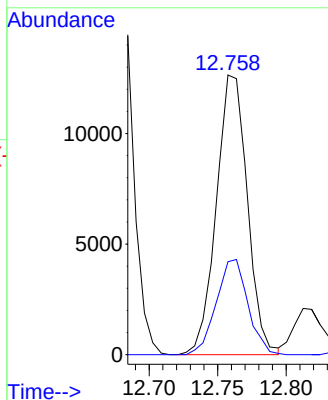
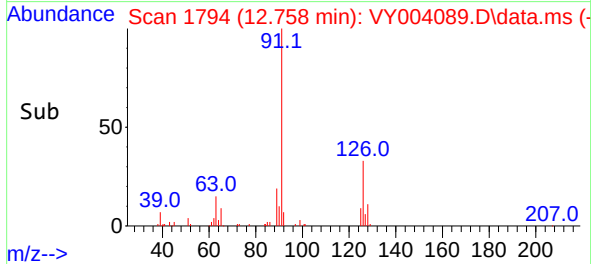
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



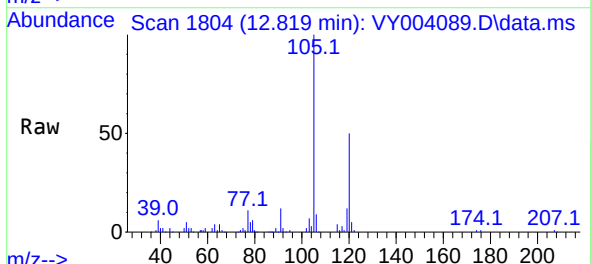
Tgt Ion: 91 Resp: 19945
Ion Ratio Lower Upper
91 100
126 34.6 17.0 51.0

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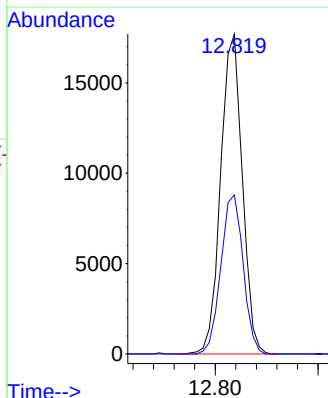
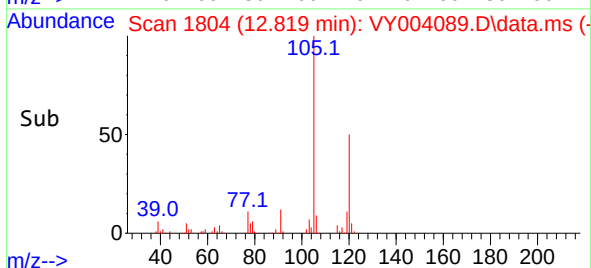
MMDadoda
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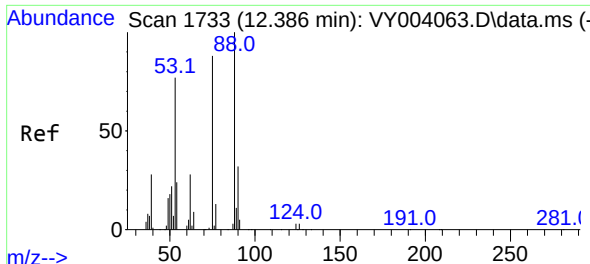


#80
1,3,5-Trimethylbenzene
Concen: 2.61 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.007 min
Lab File: VY004089.D
Acq: 16 Mar 2021 11:45



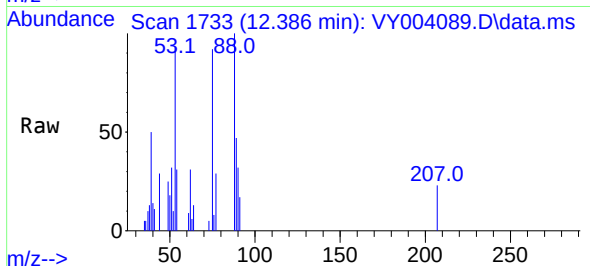
Tgt Ion: 105 Resp: 25859
Ion Ratio Lower Upper
105 100
120 51.1 24.1 72.2





#81
trans-1,4-Dichloro-2-butene
Concen: 2.02 ug/l m
RT: 12.386 min Scan# 1733
Delta R.T. -0.000 min
Lab File: VY004089.D
Acq: 16 Mar 2021 11:45

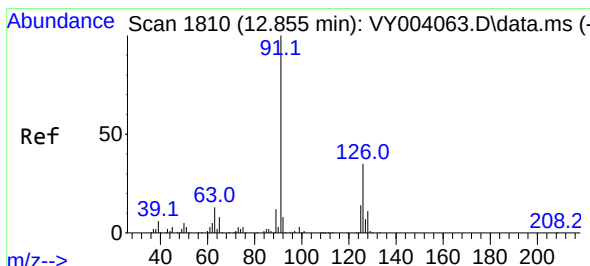
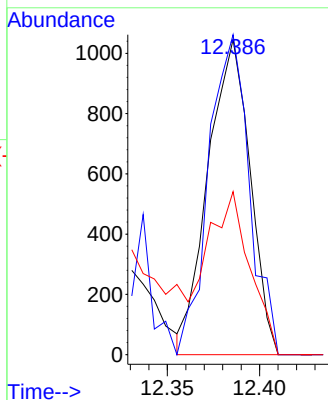
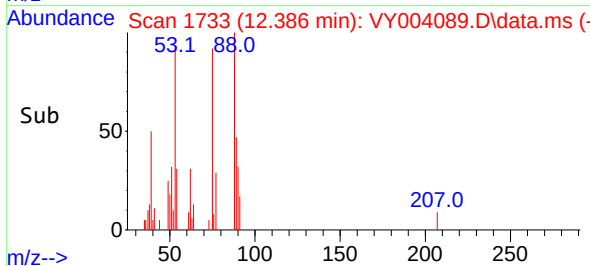
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



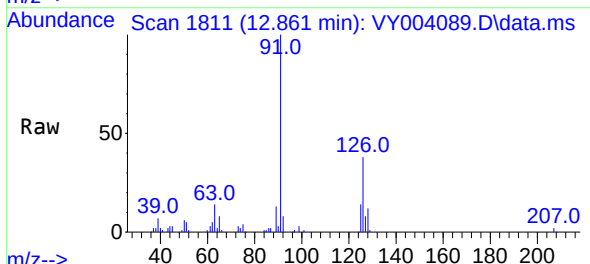
Tgt Ion: 75 Resp: 1651
Ion Ratio Lower Upper
75 100
53 0.0 73.5 110.3#
89 13.7 35.7 53.5#

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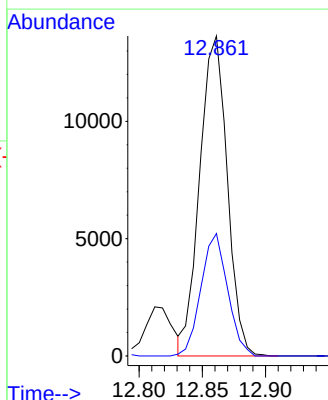
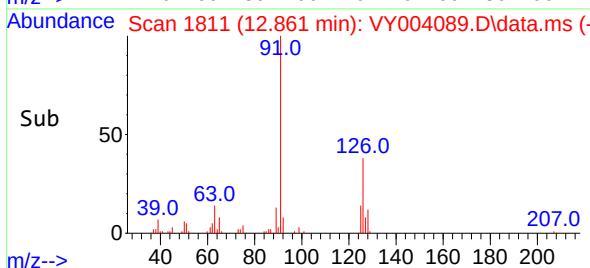
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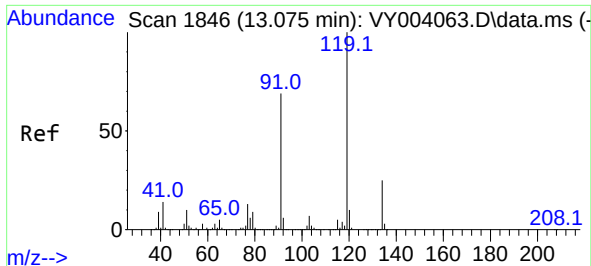


#82
4-Chlorotoluene
Concen: 2.53 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VY004089.D
Acq: 16 Mar 2021 11:45



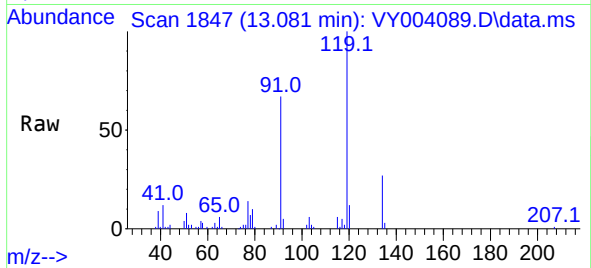
Tgt Ion: 91 Resp: 20665
Ion Ratio Lower Upper
91 100
126 37.0 16.8 50.4





#83
tert-Butylbenzene
Concen: 2.50 ug/l
RT: 13.081 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VY004089.D
Acq: 16 Mar 2021 11:45

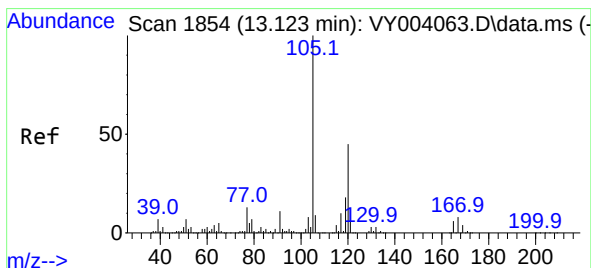
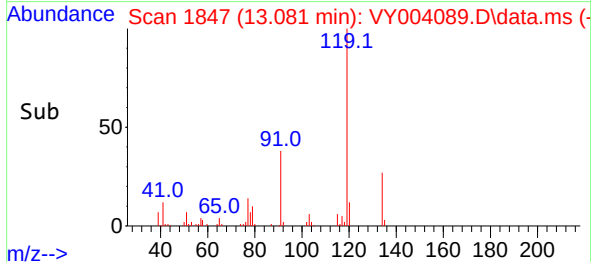
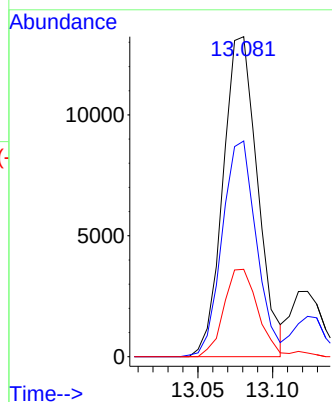
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



Tgt Ion:119 Resp: 21319
Ion Ratio Lower Upper
119 100
91 66.7 33.0 99.0
134 26.8 12.9 38.7

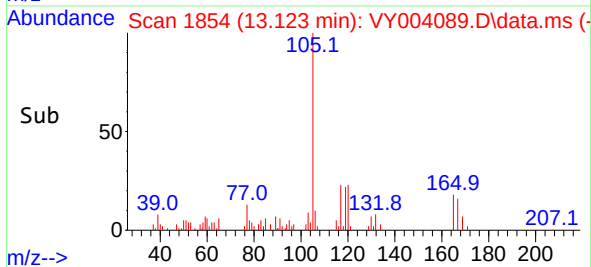
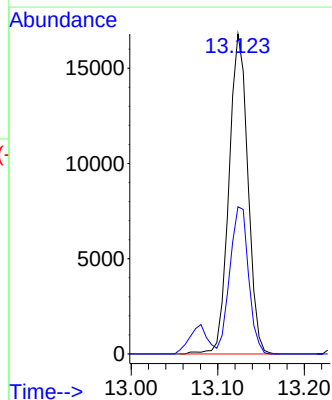
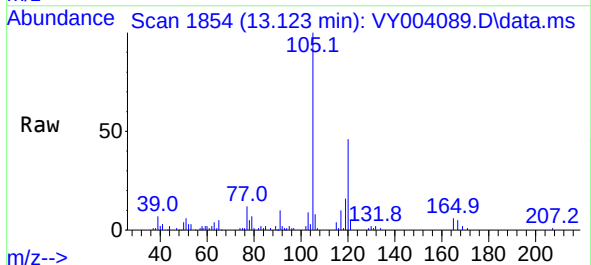
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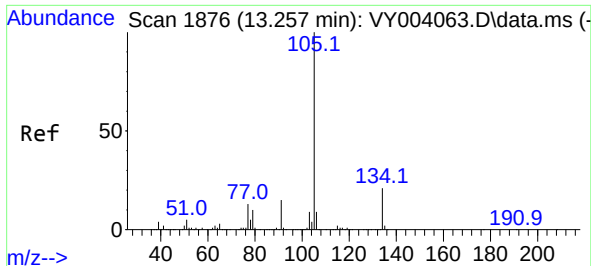
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#84
1,2,4-Trimethylbenzene
Concen: 2.56 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY004089.D
Acq: 16 Mar 2021 11:45

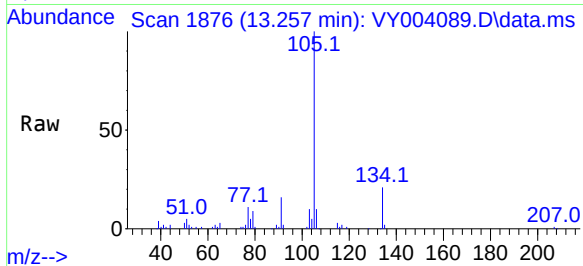
Tgt Ion:105 Resp: 25407
Ion Ratio Lower Upper
105 100
120 45.5 22.1 66.3





#85
 sec-Butylbenzene
 Concen: 2.60 ug/l
 RT: 13.257 min Scan# 1876
 Delta R.T. 0.000 min
 Lab File: VY004089.D
 Acq: 16 Mar 2021 11:45

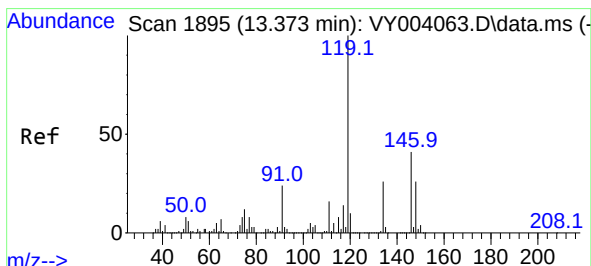
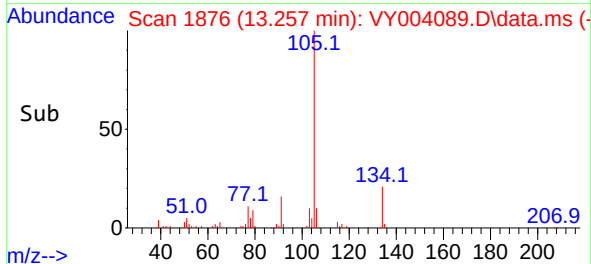
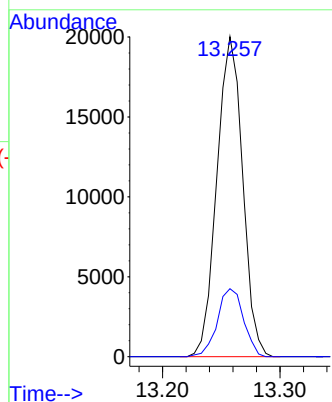
Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2021



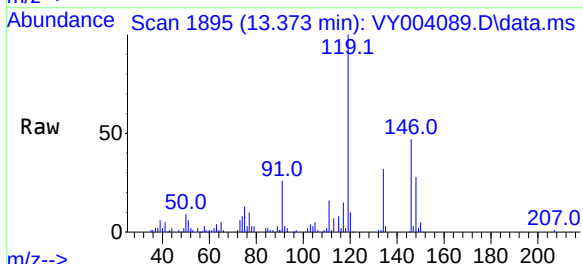
Tgt Ion:105 Resp: 30486
 Ion Ratio Lower Upper
 105 100
 134 21.6 10.2 30.4

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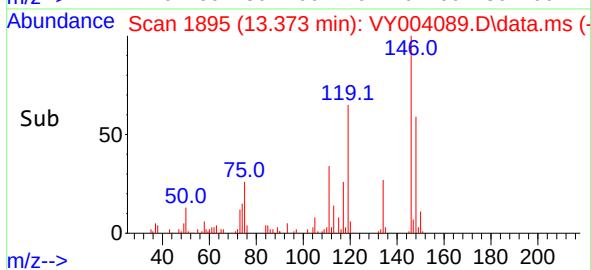
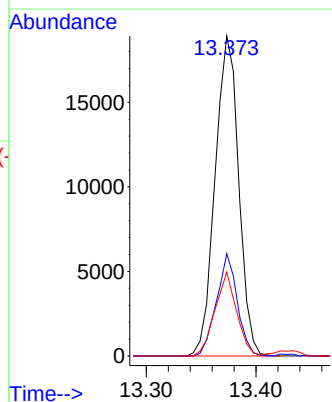
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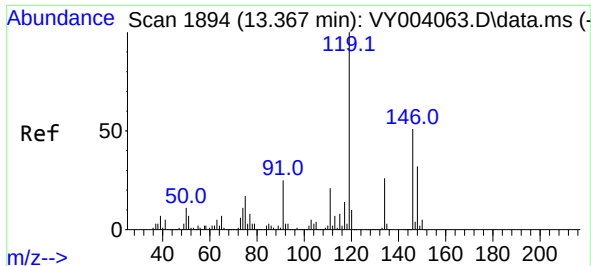


#86
 p-Isopropyltoluene
 Concen: 2.60 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.000 min
 Lab File: VY004089.D
 Acq: 16 Mar 2021 11:45

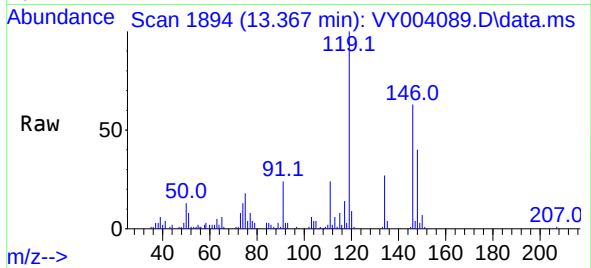


Tgt Ion:119 Resp: 28278
 Ion Ratio Lower Upper
 119 100
 134 28.3 13.2 39.5
 91 24.0 12.1 36.3

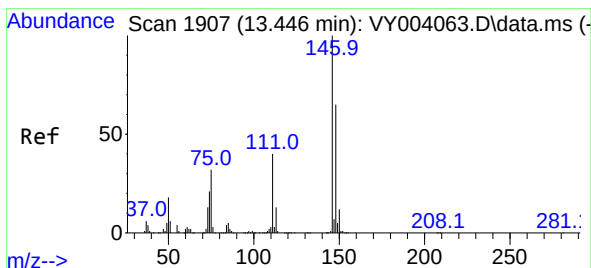
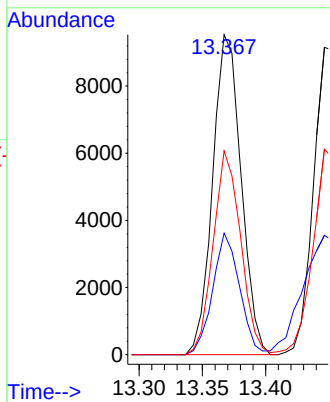
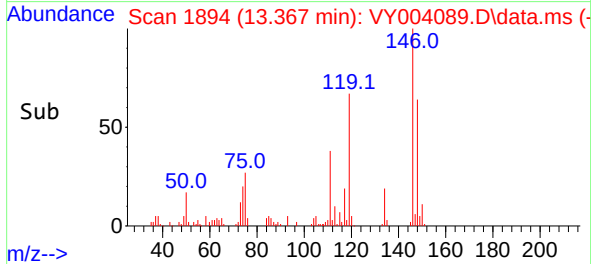




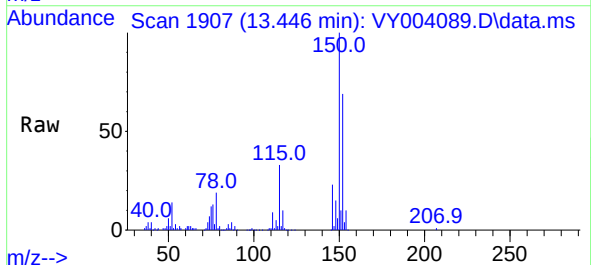
#87
1,3-Dichlorobenzene
Concen: 2.86 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY004089.D
Acq: 16 Mar 2021 11:45



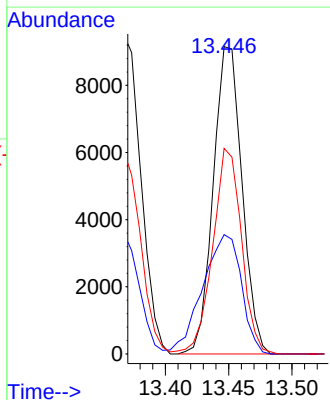
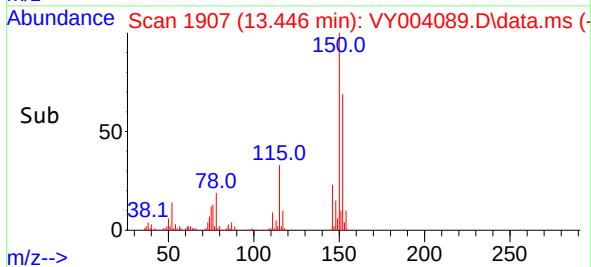
Tgt Ion:	146	Resp:	14893
Ion Ratio	Lower	Upper	
146	100		
111	35.9	18.9	56.7
148	61.6	31.9	95.9



#88
1,4-Dichlorobenzene
Concen: 2.79 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY004089.D
Acq: 16 Mar 2021 11:45



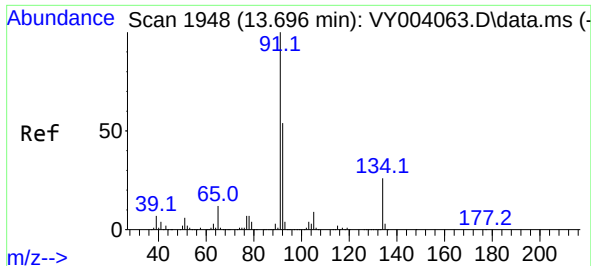
Tgt Ion:	146	Resp:	14461
Ion Ratio	Lower	Upper	
146	100		
111	52.5	18.6	55.8
148	67.0	31.8	95.4



Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

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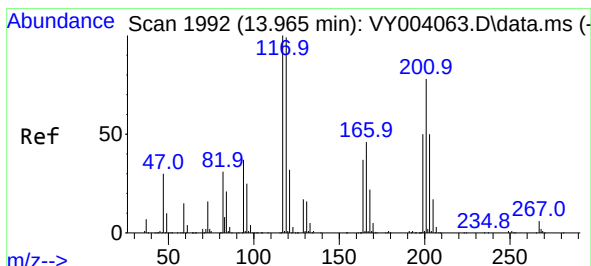
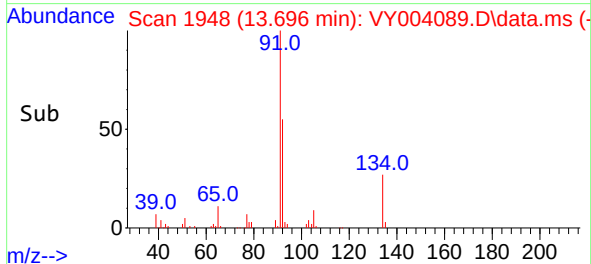
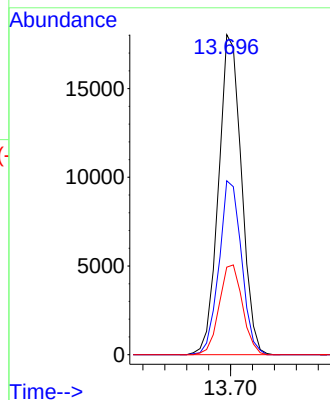
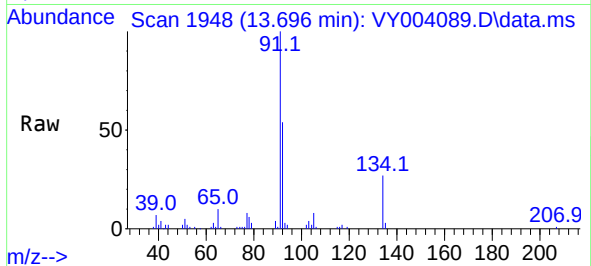
#89
n-Butylbenzene
Concen: 2.53 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY004089.D
Acq: 16 Mar 2021 11:45

Tgt Ion:	91	Resp:	26239
Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.5	79.4
134	28.4	13.2	39.5

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021

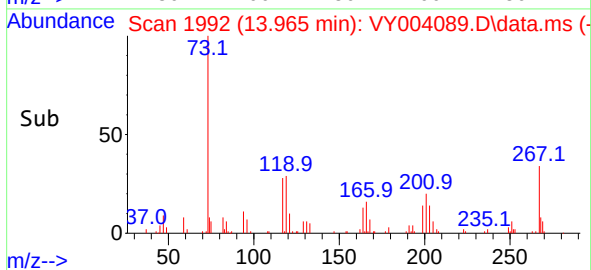
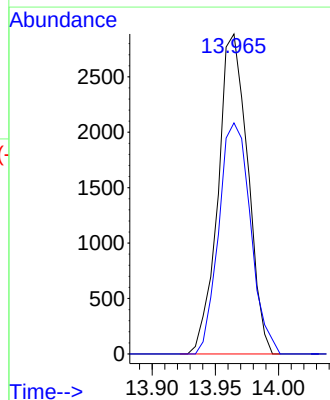
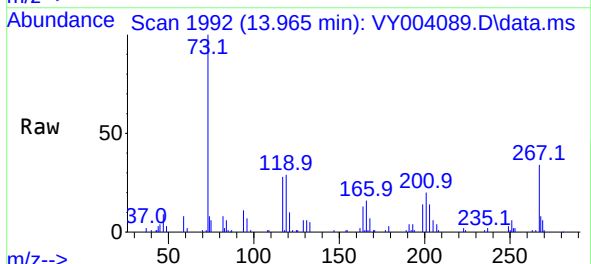
Manual Integrations
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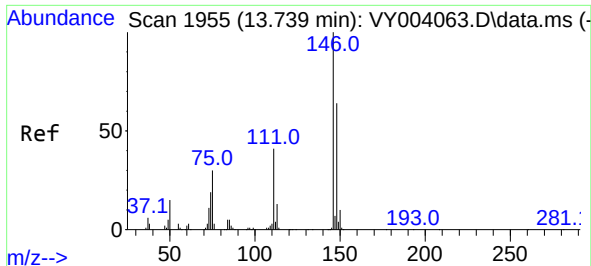
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#90
Hexachloroethane
Concen: 2.41 ug/l
RT: 13.965 min Scan# 1992
Delta R.T. -0.000 min
Lab File: VY004089.D
Acq: 16 Mar 2021 11:45

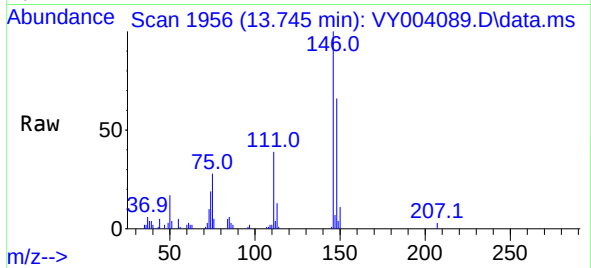
Tgt Ion:	117	Resp:	4720
Ion	Ratio	Lower	Upper
117	100		
201	77.1	46.0	138.0





#91
1,2-Dichlorobenzene
Concen: 2.75 ug/l
RT: 13.745 min Scan# 1956
Delta R.T. 0.006 min
Lab File: VY004089.D
Acq: 16 Mar 2021 11:45

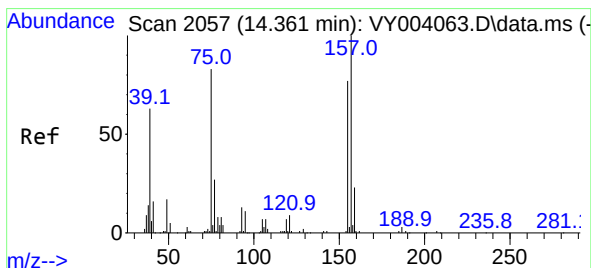
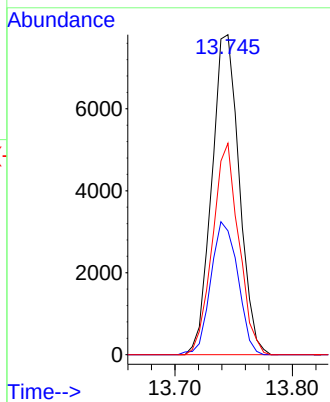
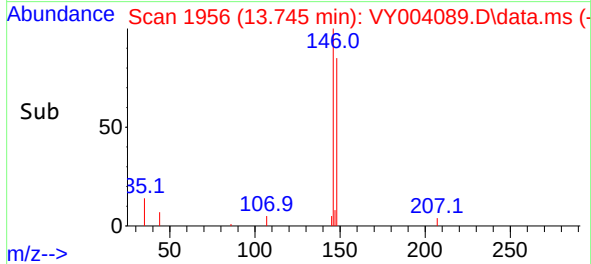
Instrument :
MSVOA_Y
ClientSampleId :
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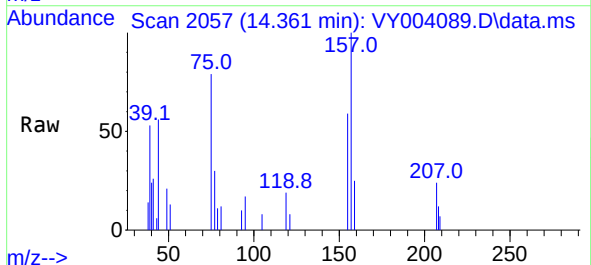
Tgt Ion:146 Resp: 12678
Ion Ratio Lower Upper
146 100
111 41.0 19.6 58.8
148 63.5 31.9 95.7

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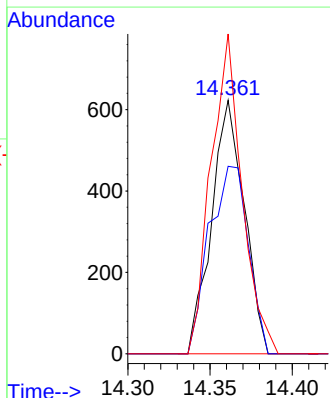
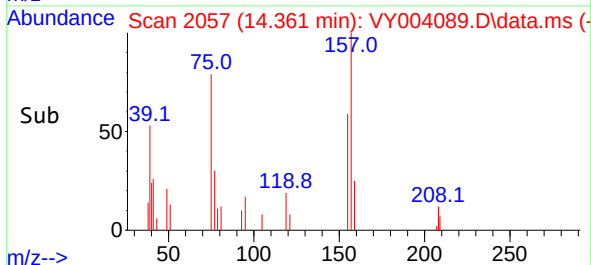
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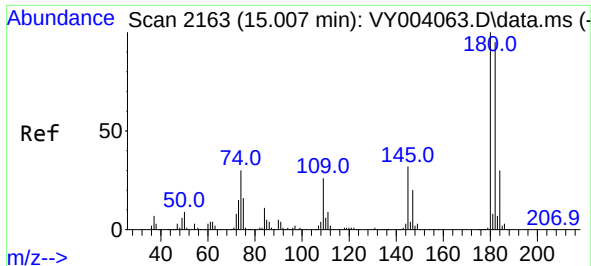


#92
1,2-Dibromo-3-Chloropropane
Concen: 2.25 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VY004089.D
Acq: 16 Mar 2021 11:45



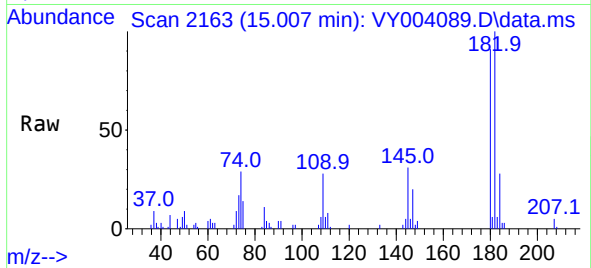
Tgt Ion: 75 Resp: 862
Ion Ratio Lower Upper
75 100
155 88.1 42.8 128.4
157 119.8 52.4 157.3





#93
1,2,4-Trichlorobenzene
Concen: 2.88 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY004089.D
Acq: 16 Mar 2021 11:45

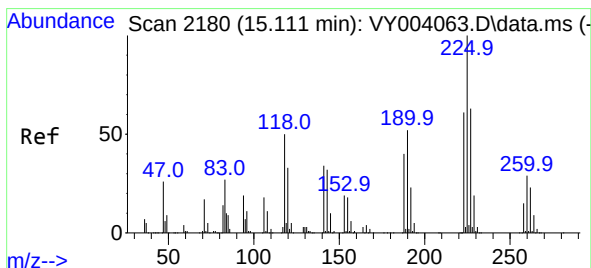
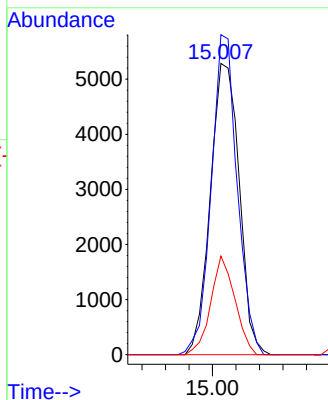
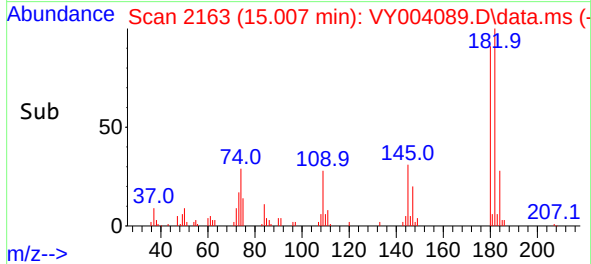
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



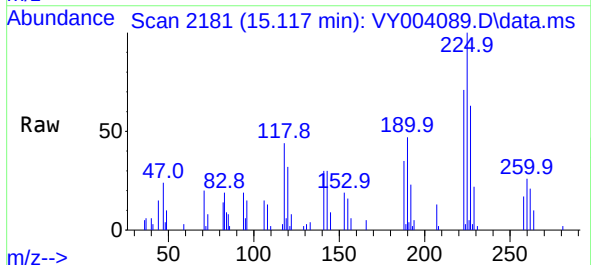
Tgt Ion:180 Resp: 9017
Ion Ratio Lower Upper
180 100
182 98.8 48.0 144.0
145 28.4 14.1 42.2

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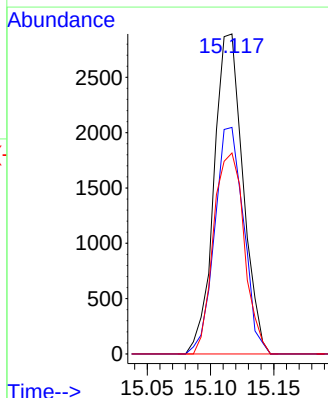
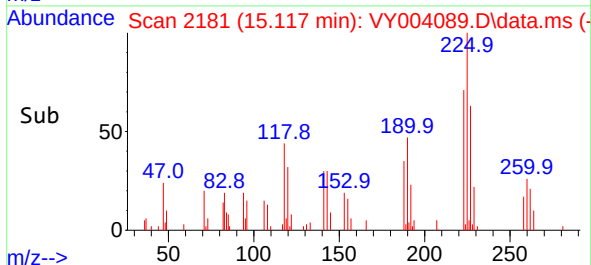
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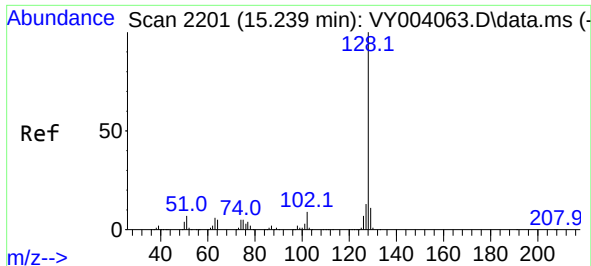


#94
Hexachlorobutadiene
Concen: 2.63 ug/l
RT: 15.117 min Scan# 2181
Delta R.T. 0.006 min
Lab File: VY004089.D
Acq: 16 Mar 2021 11:45



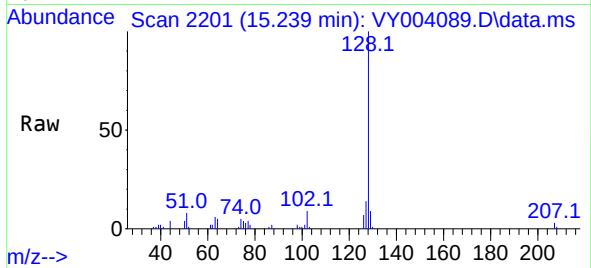
Tgt Ion:225 Resp: 4608
Ion Ratio Lower Upper
225 100
223 70.7 31.5 94.5
227 66.6 32.1 96.3





#95
Naphthalene
Concen: 2.80 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. -0.000 min
Lab File: VY004089.D
Acq: 16 Mar 2021 11:45

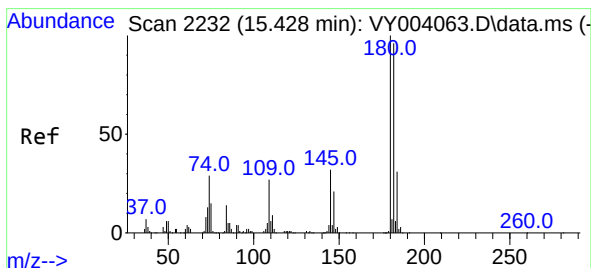
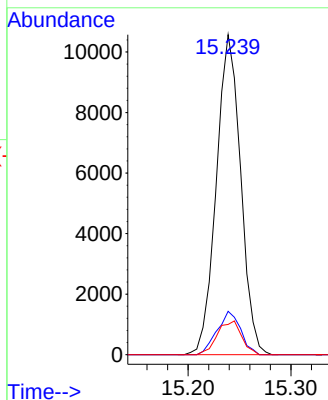
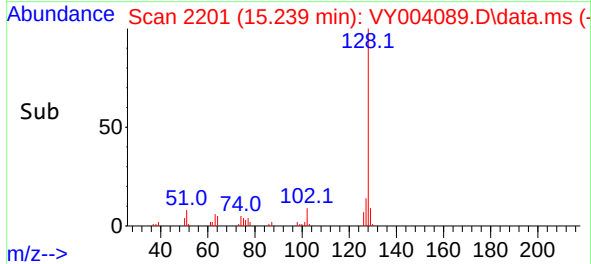
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2021



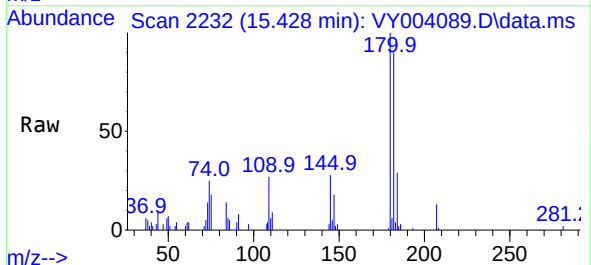
Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.6	16.0
129	10.6	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
3/17/2021 11:46:16 AM



#96
1,2,3-Trichlorobenzene
Concen: 2.88 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY004089.D
Acq: 16 Mar 2021 11:45



Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.6	142.8
145	31.8	15.3	45.9

