

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101321\
 Data File : VY006385.D
 Acq On : 13 Oct 2021 14:08
 Operator : SY/MD
 Sample : M4068-02 5PPBLOQ
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LOQ-SOIL-02-QT4-2021

Manual Integrations
 APPROVED

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Quant Time: Oct 14 07:33:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y092821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 14 07:32:07 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	131594	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	202952	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	188410	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	98075	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	71038	50.437	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.880%	
35) Dibromofluoromethane	7.722	113	53274	49.133	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.260%	
50) Toluene-d8	10.185	98	214439	47.255	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 94.500%	
62) 4-Bromofluorobenzene	12.483	95	72899	47.288	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 94.580%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	7248	5.430	ug/l	91
3) Chloromethane	2.113	50	10012	6.440	ug/l	96
4) Vinyl Chloride	2.253	62	10553	6.125	ug/l	95
5) Bromomethane	2.656	94	7596	6.783	ug/l	99
6) Chloroethane	2.802	64	6196	6.111	ug/l	97
7) Trichlorofluoromethane	3.131	101	13361	5.887	ug/l	94
8) Diethyl Ether	3.534	74	4655	6.210	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.912	101	7003	5.780	ug/l	97
10) Methyl Iodide	4.101	142	5587	4.231	ug/l	96
11) Tert butyl alcohol	4.960	59	4030	32.710	ug/l #	85
12) 1,1-Dichloroethene	3.881	96	6715	5.448	ug/l	90
13) Acrolein	3.735	56	1967	25.071	ug/l	91
14) Allyl chloride	4.491	41	13344	5.630	ug/l	97
15) Acrylonitrile	5.174	53	11045	28.013	ug/l	99
16) Acetone	3.954	43	10293	26.166	ug/l	96
17) Carbon Disulfide	4.198	76	22673	5.500	ug/l	97
18) Methyl Acetate	4.485	43	8246	6.217	ug/l	97
19) Methyl tert-butyl Ether	5.235	73	20071	5.576	ug/l	93
20) Methylene Chloride	4.723	84	9374	6.123	ug/l #	82
21) trans-1,2-Dichloroethene	5.235	96	7506	5.493	ug/l	84
22) Diisopropyl ether	6.131	45	24872	5.304	ug/l	93
23) Vinyl Acetate	6.070	43	70982	25.255	ug/l	98
24) 1,1-Dichloroethane	6.027	63	14154	5.623	ug/l	99
25) 2-Butanone	6.997	43	14187	25.890	ug/l #	91
26) 2,2-Dichloropropane	6.990	77	13133	5.705	ug/l	97
27) cis-1,2-Dichloroethene	6.997	96	8738	5.710	ug/l	93
28) Bromochloromethane	7.344	49	5434	5.184	ug/l	90
29) Tetrahydrofuran	7.356	42	8915	25.757	ug/l	95
30) Chloroform	7.515	83	14598	5.813	ug/l	96
31) Cyclohexane	7.789	56	15614	5.852	ug/l #	87
32) 1,1,1-Trichloroethane	7.710	97	13226	5.704	ug/l	98
36) 1,1-Dichloropropene	7.923	75	10947	5.421	ug/l	98
37) Ethyl Acetate	7.082	43	6376	5.420	ug/l	97
38) Carbon Tetrachloride	7.905	117	12209	5.726	ug/l	97
39) Methylcyclohexane	9.185	83	13234	5.218	ug/l	93
40) Benzene	8.167	78	32225	5.625	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	3451m	4.523	ug/l	
42) 1,2-Dichloroethane	8.240	62	11447	6.202	ug/l	98
43) Isopropyl Acetate	8.277	43	12218	5.415	ug/l	98
44) Trichloroethene	8.941	130	8395	5.674	ug/l	90
45) 1,2-Dichloropropane	9.222	63	7760	5.502	ug/l #	85
46) Dibromomethane	9.313	93	4326	5.760	ug/l	98
47) Bromodichloromethane	9.502	83	11264	5.825	ug/l	99
48) Methyl methacrylate	9.295	41	5433	5.020	ug/l	90
49) 1,4-Dioxane	9.301	88	895	91.345	ug/l #	91
51) 4-Methyl-2-Pentanone	10.075	43	30568	26.093	ug/l	97
52) Toluene	10.246	92	20167	5.675	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	11683	5.541	ug/l	95
54) cis-1,3-Dichloropropene	9.929	75	12956	5.590	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	6217	5.883	ug/l	92
56) Ethyl methacrylate	10.514	69	8193	5.101	ug/l	97
57) 1,3-Dichloropropane	10.795	76	10816	5.657	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	21409	27.205	ug/l	97
59) 2-Hexanone	10.831	43	20896	25.044	ug/l	96
60) Dibromochloromethane	10.984	129	7432	5.789	ug/l	96
61) 1,2-Dibromoethane	11.093	107	5362	5.359	ug/l	95
64) Tetrachloroethene	10.721	164	9770	6.439	ug/l	97
65) Chlorobenzene	11.520	112	21423	5.739	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.593	131	7592	5.519	ug/l	98
67) Ethyl Benzene	11.593	91	37454	5.323	ug/l	100
68) m/p-Xylenes	11.703	106	29215	10.941	ug/l	94
69) o-Xylene	12.032	106	13235	5.248	ug/l	97
70) Styrene	12.044	104	22529	5.260	ug/l	98
71) Bromoform	12.209	173	4817	5.630	ug/l #	97
73) Isopropylbenzene	12.331	105	36416	5.184	ug/l	100
74) N-amyl acetate	12.142	43	10892	4.995	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	6349	5.004	ug/l	97
76) 1,2,3-Trichloropropane	12.636	75	4701m	4.932	ug/l	
77) Bromobenzene	12.605	156	9141	5.550	ug/l	94
78) n-propylbenzene	12.672	91	43875	5.074	ug/l	99
79) 2-Chlorotoluene	12.758	91	24803	5.183	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	30368	5.170	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	2418	4.985	ug/l	94
82) 4-Chlorotoluene	12.855	91	25169	5.085	ug/l	96
83) tert-Butylbenzene	13.075	119	26274	5.232	ug/l	95
84) 1,2,4-Trimethylbenzene	13.123	105	29547	5.094	ug/l	99
85) sec-Butylbenzene	13.252	105	38307	5.047	ug/l	98
86) p-Isopropyltoluene	13.367	119	32401	5.059	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	17470	5.353	ug/l	96
88) 1,4-Dichlorobenzene	13.447	146	17982	5.588	ug/l	97
89) n-Butylbenzene	13.697	91	30242	4.969	ug/l	99
90) Hexachloroethane	13.965	117	6322	5.436	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	15857	5.557	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.349	75	1275	5.275	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	9927	5.264	ug/l	99
94) Hexachlorobutadiene	15.111	225	6990	5.682	ug/l	99
95) Naphthalene	15.233	128	17812	4.754	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	8952	5.356	ug/l	96

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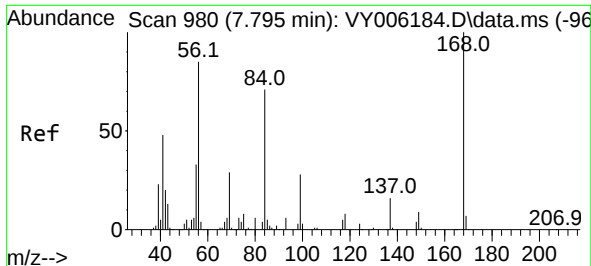
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

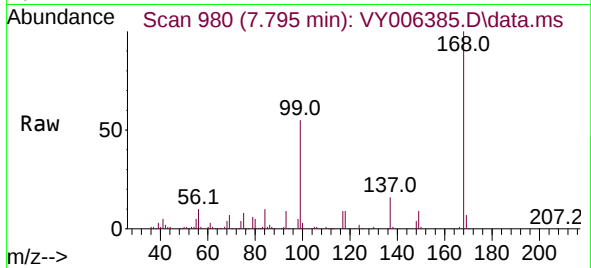
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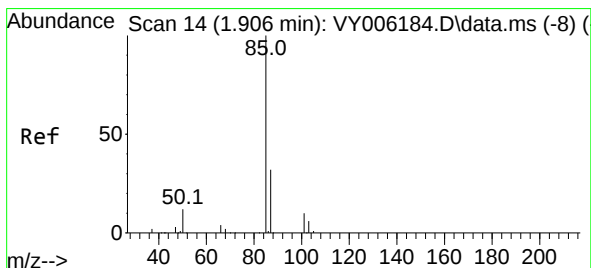
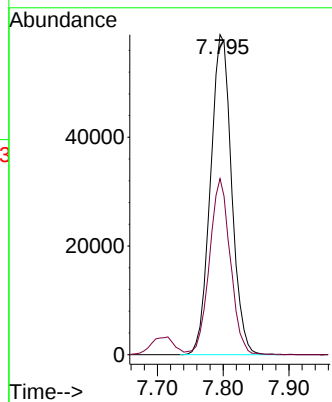
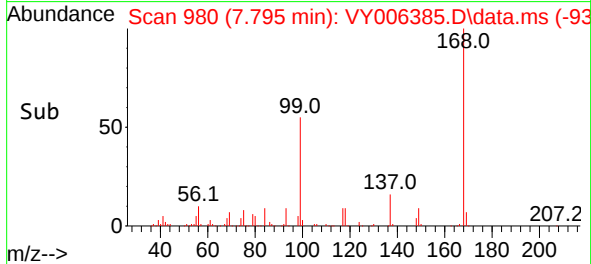
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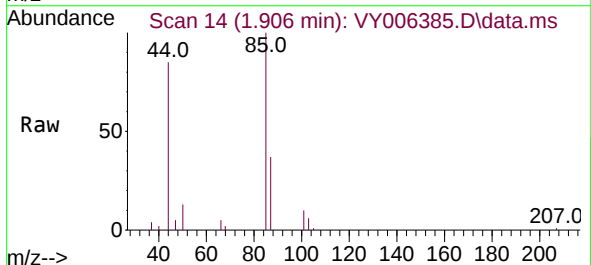
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
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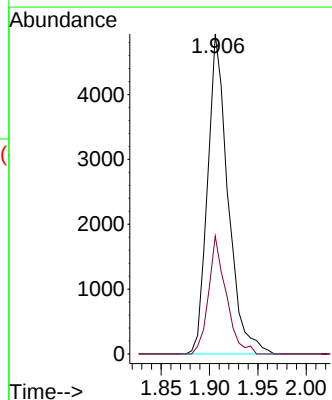
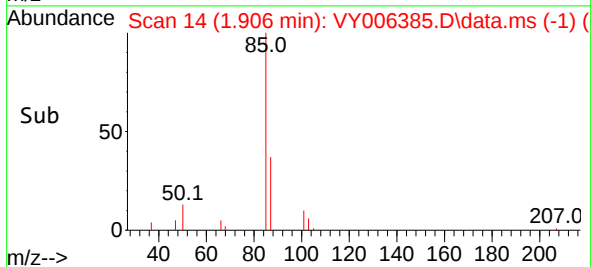
Tgt Ion:168 Resp: 131594
Ion Ratio Lower Upper
168 100
99 54.9 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 5.430 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY006385.D
Acq: 13 Oct 2021 14:08



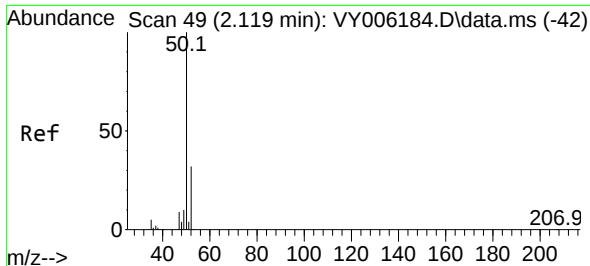
Tgt Ion: 85 Resp: 7248
Ion Ratio Lower Upper
85 100
87 36.9 16.1 48.2



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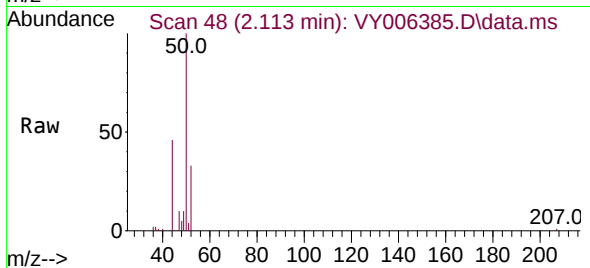
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#3
Chloromethane
Concen: 6.440 ug/l
RT: 2.113 min Scan# 48
Delta R.T. -0.006 min
Lab File: VY006385.D
Acq: 13 Oct 2021 14:08

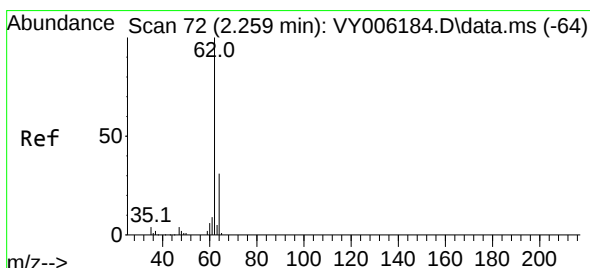
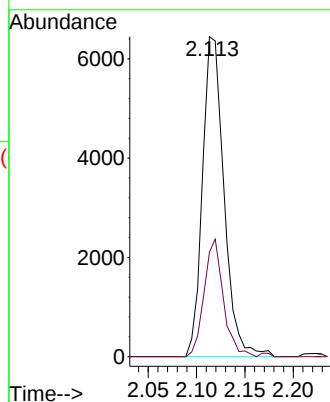
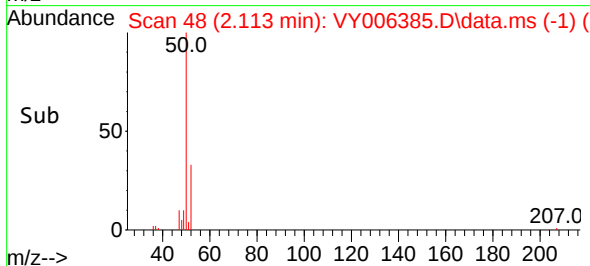
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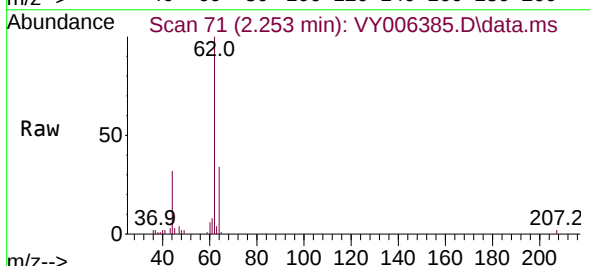
Tgt Ion: 50 Resp: 10012
Ion Ratio Lower Upper
50 100
52 32.7 24.6 37.0

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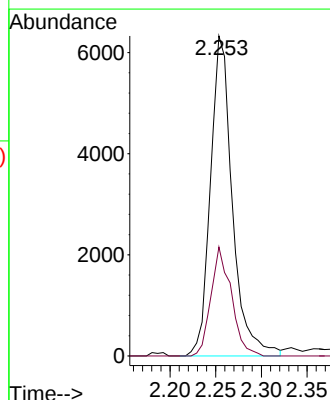
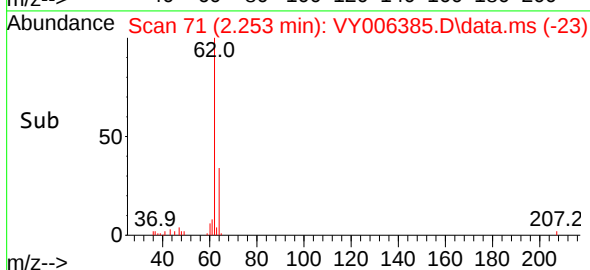
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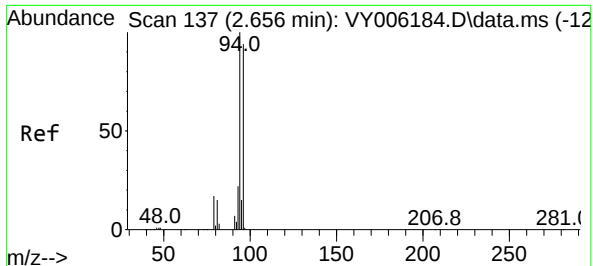


#4
Vinyl Chloride
Concen: 6.125 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.006 min
Lab File: VY006385.D
Acq: 13 Oct 2021 14:08

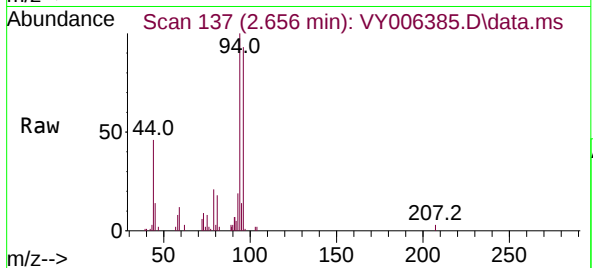


Tgt Ion: 62 Resp: 10553
Ion Ratio Lower Upper
62 100
64 34.0 25.0 37.6

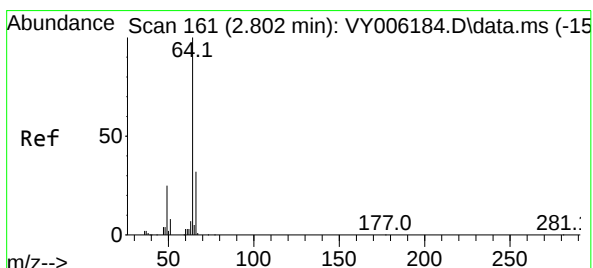
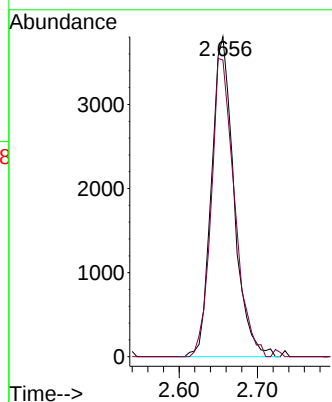
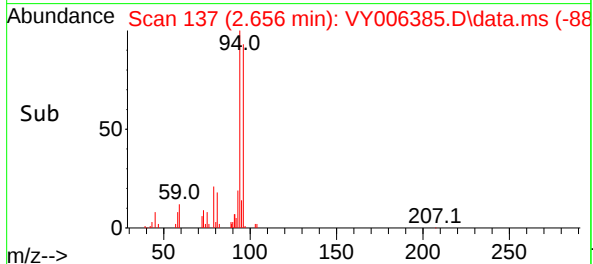




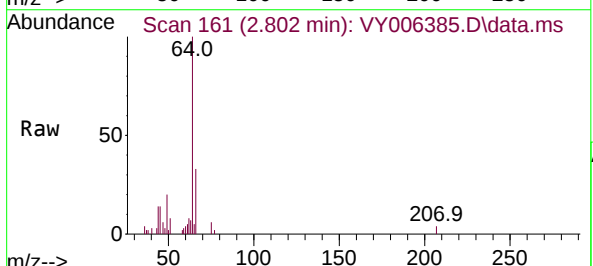
#5
Bromomethane
Concen: 6.783 ug/l
RT: 2.656 min Scan# 137
Delta R.T. -0.000 min
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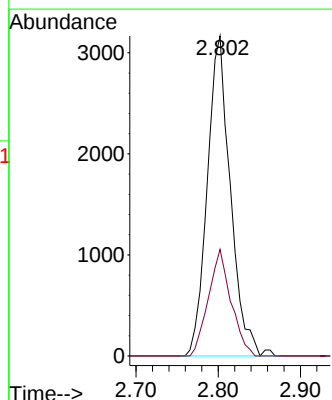
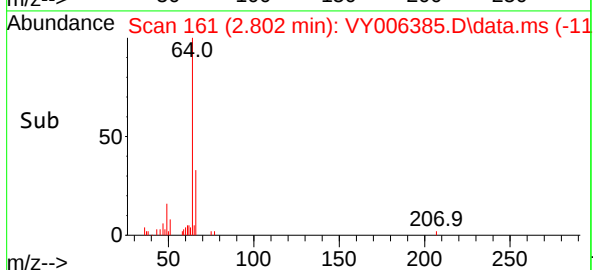
Tgt Ion: 94 Resp: 7596
Ion Ratio Lower Upper
94 100
96 92.7 73.5 110.3



#6
Chloroethane
Concen: 6.111 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.000 min
Lab File: VY006385.D
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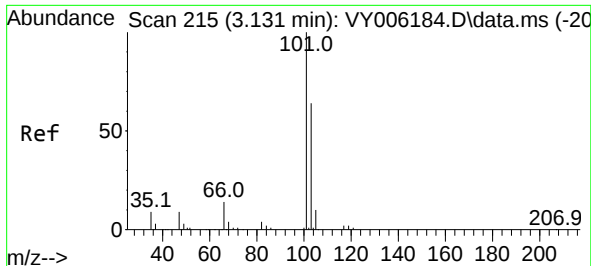
Tgt Ion: 64 Resp: 6196
Ion Ratio Lower Upper
64 100
66 33.3 25.4 38.0



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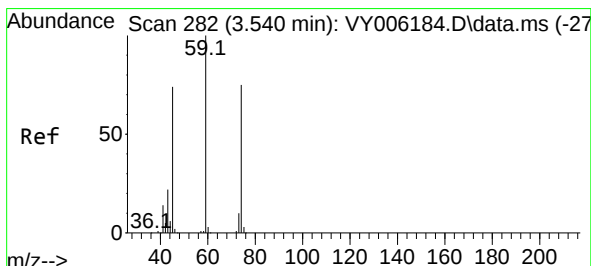
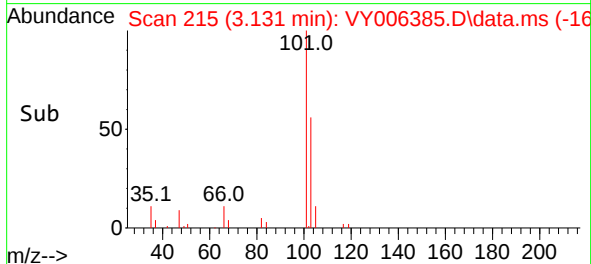
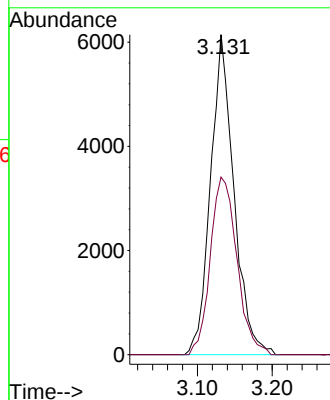
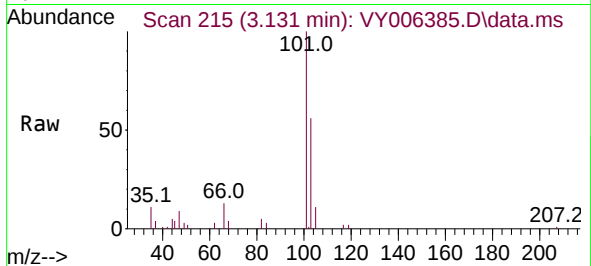
#7
Trichlorofluoromethane
Concen: 5.887 ug/l
RT: 3.131 min Scan# 215
Delta R.T. 0.000 min
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Tgt Ion:101 Resp: 13361
Ion Ratio Lower Upper
101 100
103 55.5 48.0 72.0

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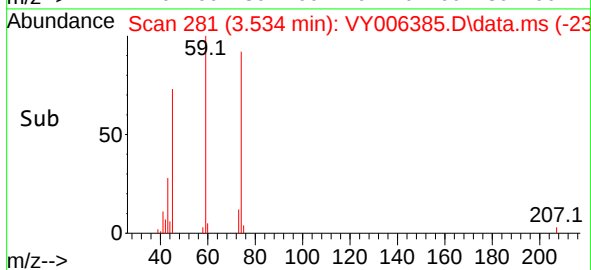
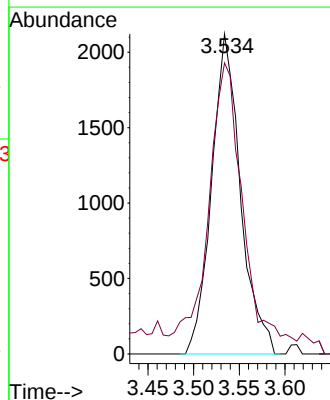
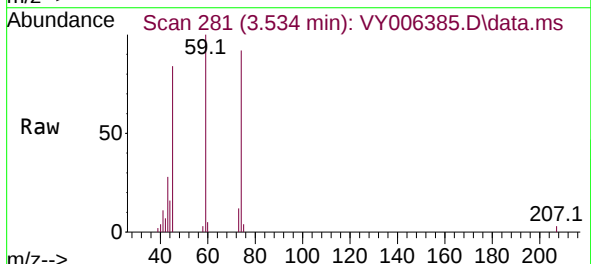
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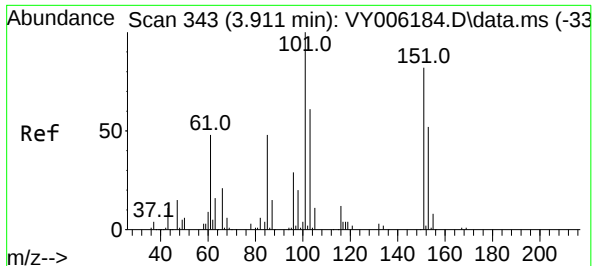
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#8
Diethyl Ether
Concen: 6.210 ug/l
RT: 3.534 min Scan# 281
Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 4655
Ion Ratio Lower Upper
74 100
45 97.1 55.1 165.5





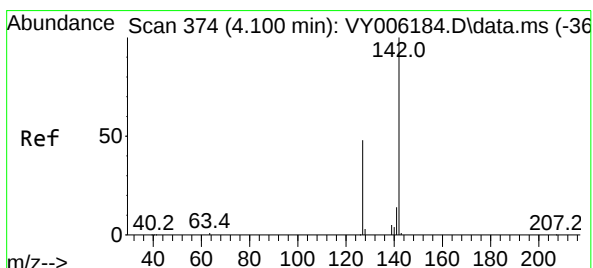
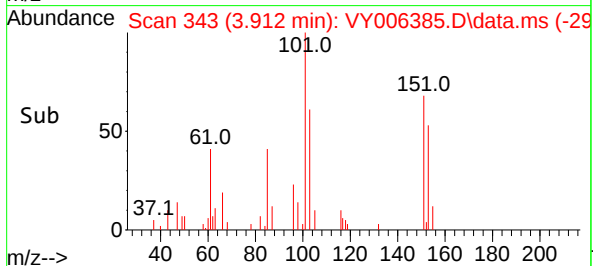
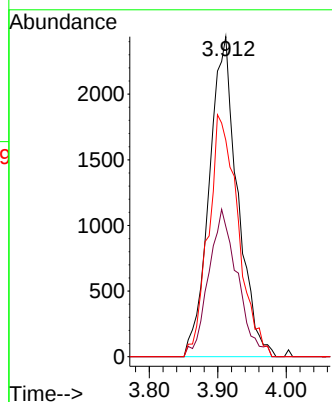
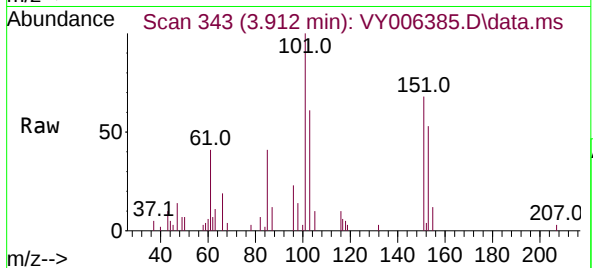
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.780 ug/l
RT: 3.912 min Scan# 343
Delta R.T. 0.001 min
Lab File: VY006385.D
Acq: 13 Oct 2021 14:08

Tgt Ion:	101	Resp:	7003
Ion	Ratio	Lower	Upper
101	100		
85	47.0	40.6	60.8
151	79.3	64.9	97.3

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021

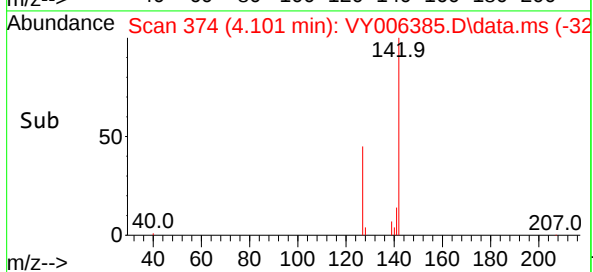
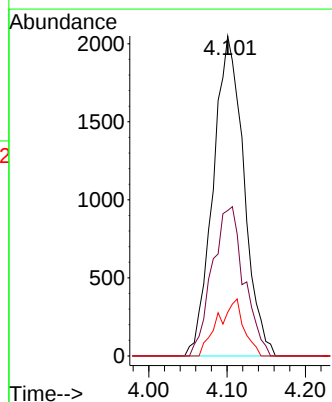
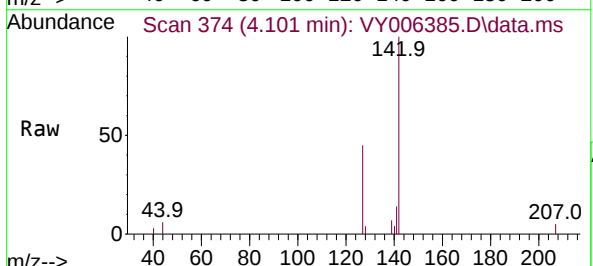
Manual Integrations
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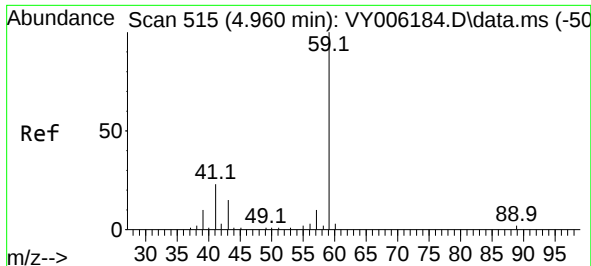
MMDadoda
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#10
Methyl Iodide
Concen: 4.231 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.001 min
Lab File: VY006385.D
Acq: 13 Oct 2021 14:08

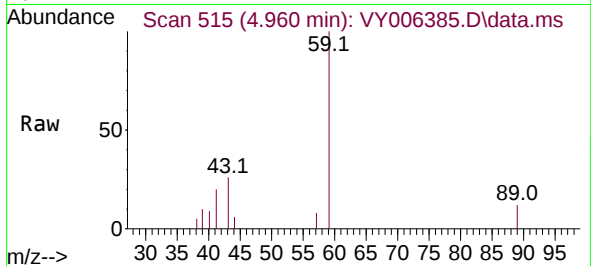
Tgt Ion:	142	Resp:	5587
Ion	Ratio	Lower	Upper
142	100		
127	48.4	41.5	62.3
141	15.1	11.9	17.9





#11
Tert butyl alcohol
Concen: 32.710 ug/l
RT: 4.960 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY006385.D
Acq: 13 Oct 2021 14:08

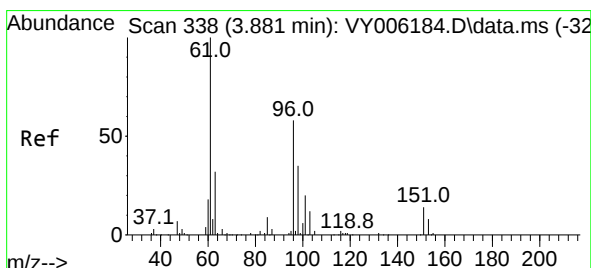
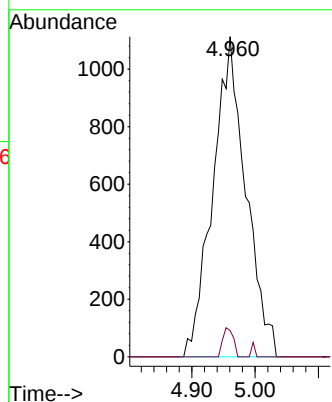
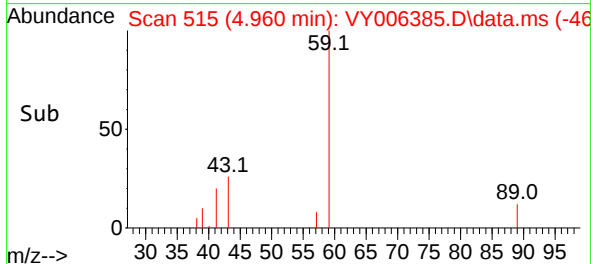
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021



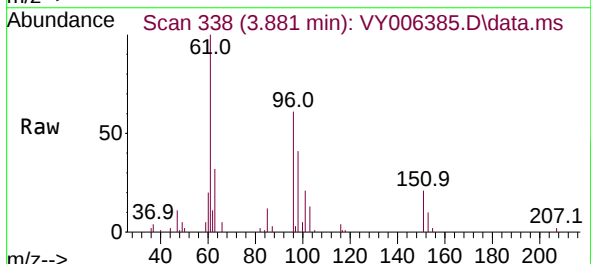
Tgt Ion: 59 Resp: 4030
Ion Ratio Lower Upper
59 100
57 2.8 6.4 9.6#

Manual Integrations
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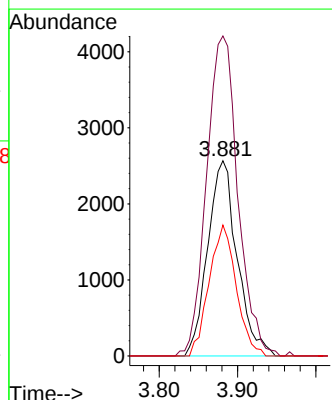
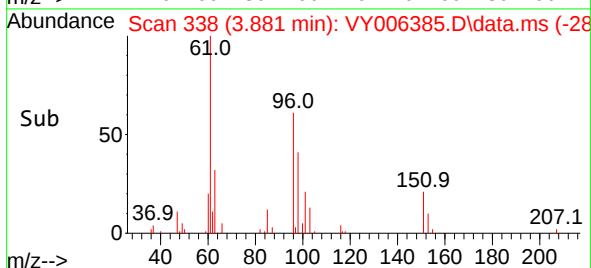
MMDadoda
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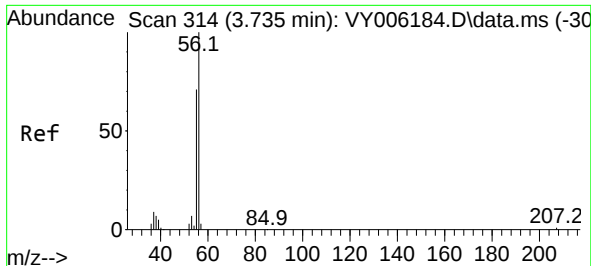


#12
1,1-Dichloroethene
Concen: 5.448 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.000 min
Lab File: VY006385.D
Acq: 13 Oct 2021 14:08



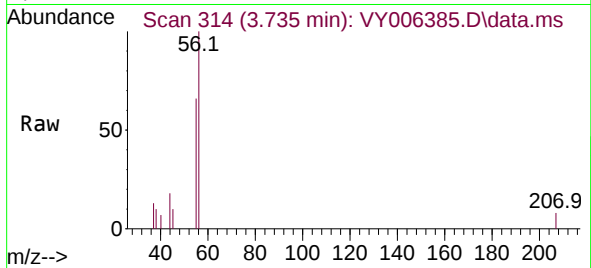
Tgt Ion: 96 Resp: 6715
Ion Ratio Lower Upper
96 100
61 164.0 145.8 218.6
98 67.1 52.5 78.7





#13
Acrolein
Concen: 25.071 ug/l
RT: 3.735 min Scan# 314
Delta R.T. -0.000 min
Lab File: VY006385.D
Acq: 13 Oct 2021 14:08

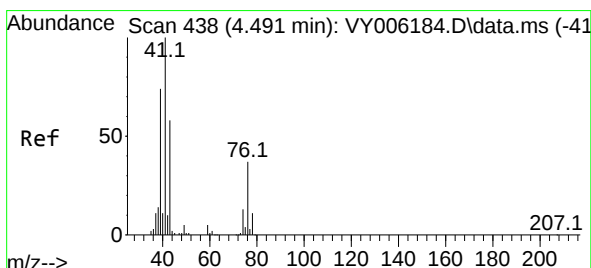
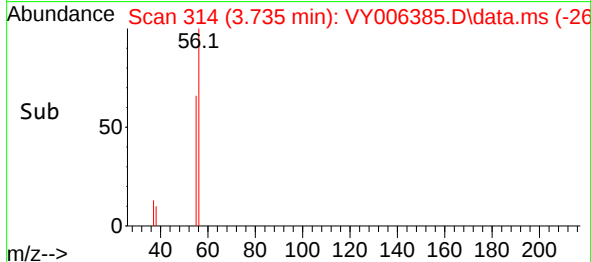
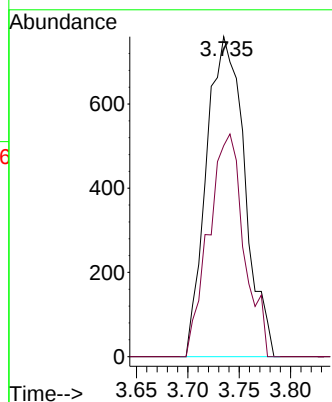
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021



Tgt Ion: 56 Resp: 1967
Ion Ratio Lower Upper
56 100
55 64.3 57.6 86.4

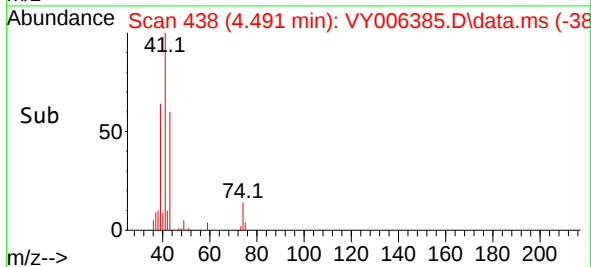
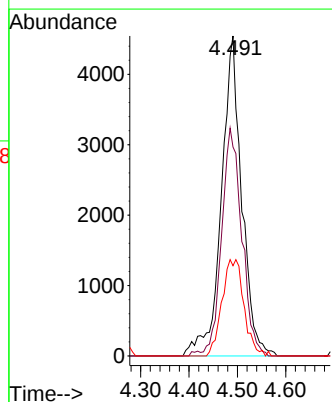
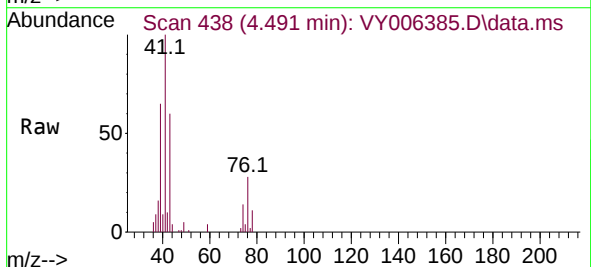
Manual Integrations
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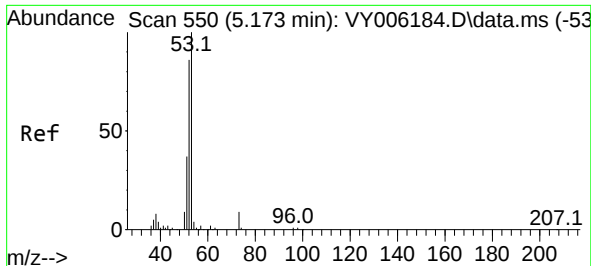
MMDadoda
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#14
Allyl chloride
Concen: 5.630 ug/l
RT: 4.491 min Scan# 438
Delta R.T. -0.000 min
Lab File: VY006385.D
Acq: 13 Oct 2021 14:08

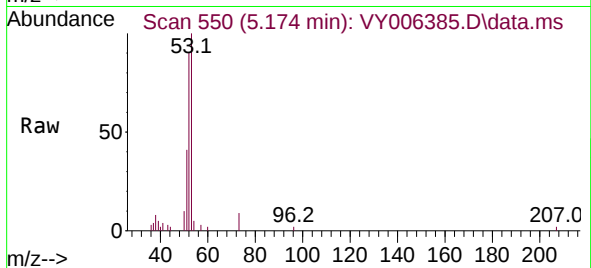
Tgt Ion: 41 Resp: 13344
Ion Ratio Lower Upper
41 100
39 70.7 58.8 88.2
76 32.3 25.1 37.7





#15
Acrylonitrile
Concen: 28.013 ug/l
RT: 5.174 min Scan# 550
Delta R.T. 0.001 min
Lab File: VY006385.D
Acq: 13 Oct 2021 14:08

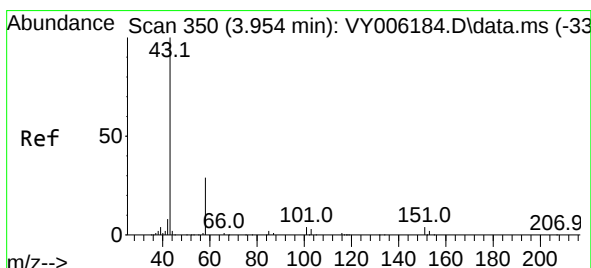
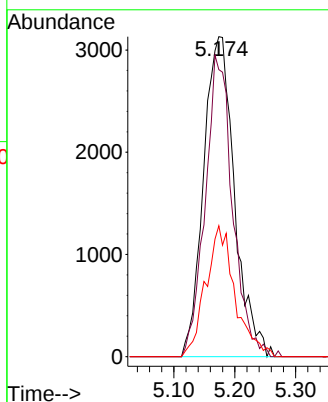
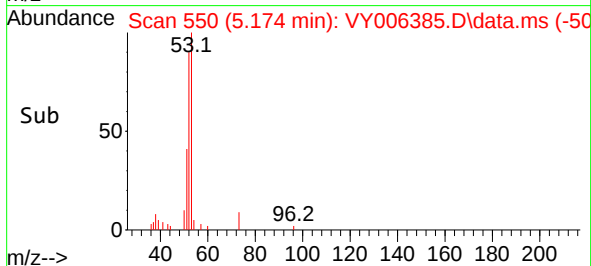
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021



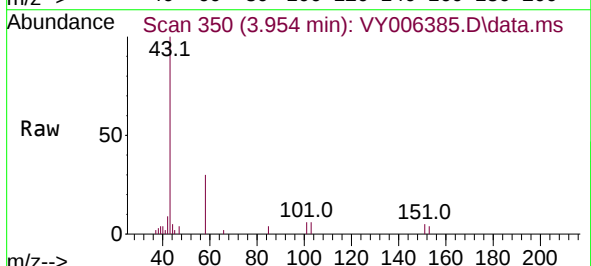
Tgt Ion	Ratio	Lower	Upper
53	100		
52	83.5	67.0	100.4
51	38.7	29.8	44.6

Manual Integrations
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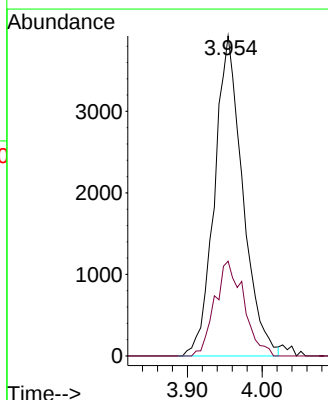
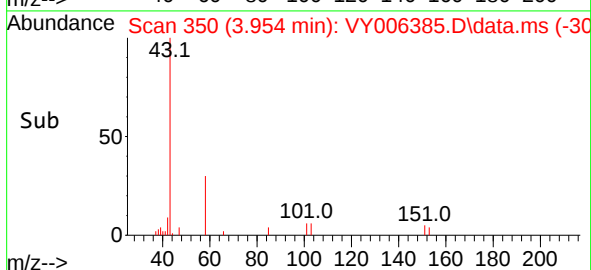
MMDadoda
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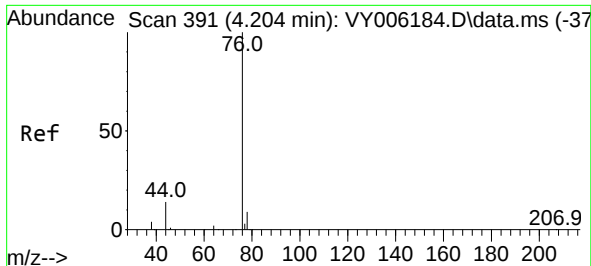


#16
Acetone
Concen: 26.166 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY006385.D
Acq: 13 Oct 2021 14:08



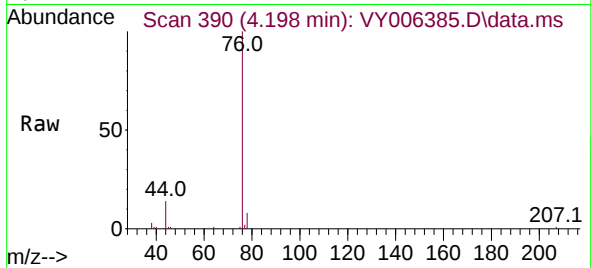
Tgt Ion	Ratio	Lower	Upper
43	100		
58	29.6	22.0	33.0





#17
Carbon Disulfide
Concen: 5.500 ug/l
RT: 4.198 min Scan# 390
Delta R.T. -0.006 min
Lab File: VY006385.D
Acq: 13 Oct 2021 14:08

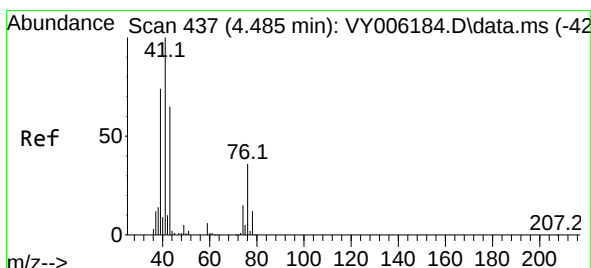
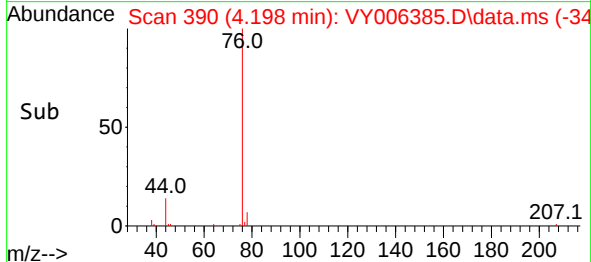
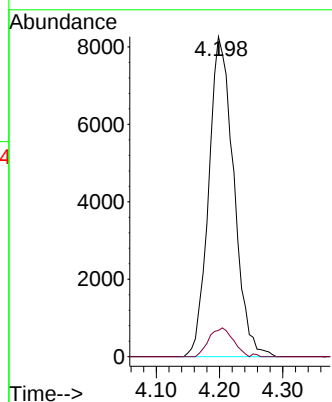
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021



Tgt Ion: 76 Resp: 22673
Ion Ratio Lower Upper
76 100
78 8.2 7.4 11.0

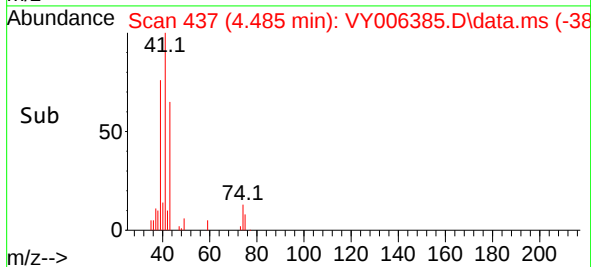
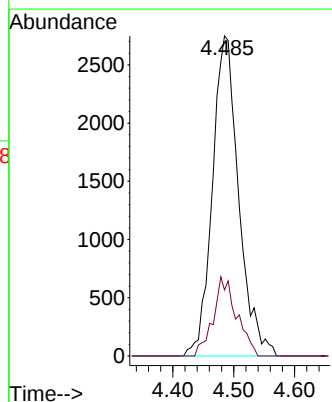
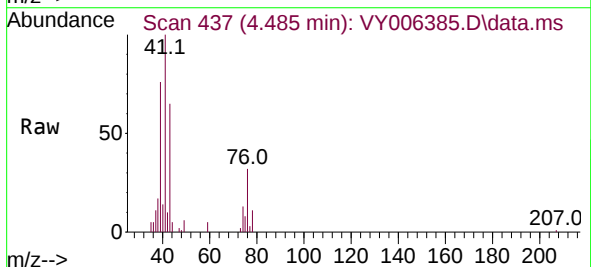
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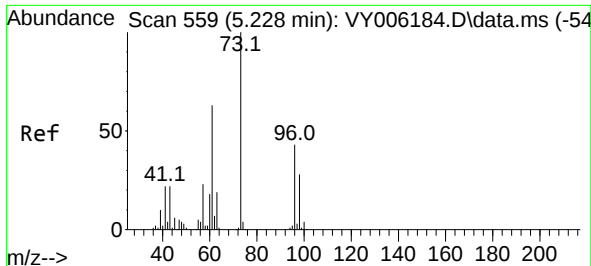
MMDadoda
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#18
Methyl Acetate
Concen: 6.217 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.000 min
Lab File: VY006385.D
Acq: 13 Oct 2021 14:08

Tgt Ion: 43 Resp: 8246
Ion Ratio Lower Upper
43 100
74 22.0 16.6 24.8





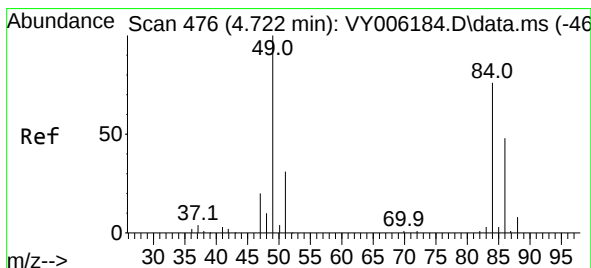
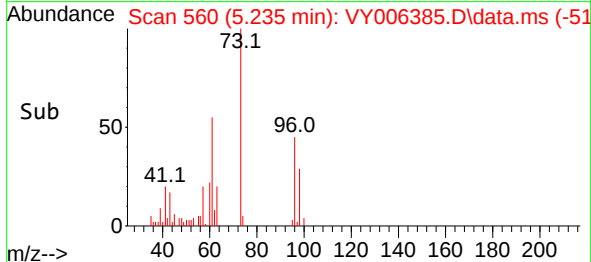
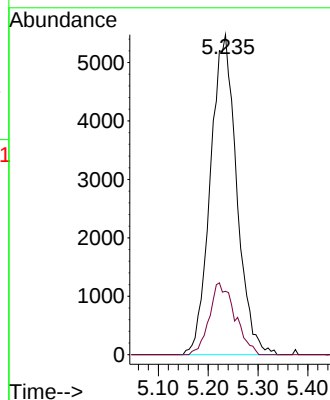
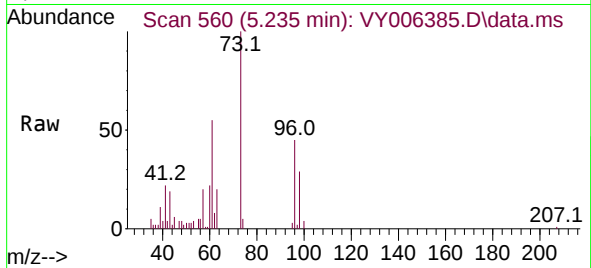
#19
Methyl tert-butyl Ether
Concen: 5.576 ug/l
RT: 5.235 min Scan# 560
Delta R.T. 0.007 min
Lab File: VY006385.D
Acq: 13 Oct 2021 14:08

Tgt Ion: 73 Resp: 20071
Ion Ratio Lower Upper
73 100
57 19.8 18.6 27.8

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021

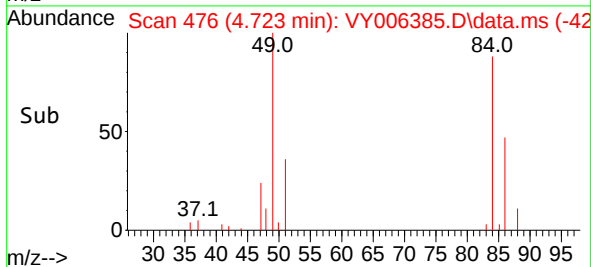
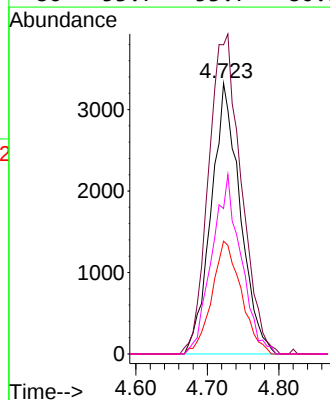
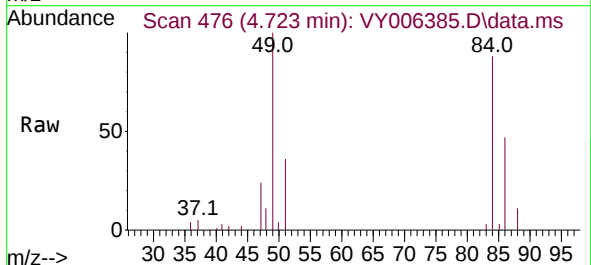
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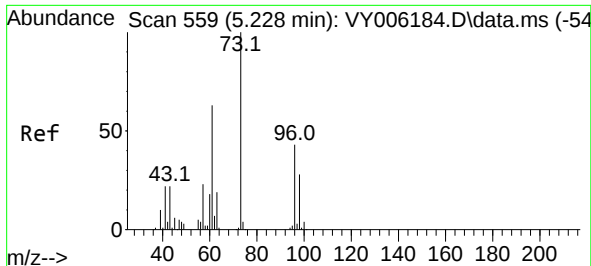
MMDadoda
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#20
Methylene Chloride
Concen: 6.123 ug/l
RT: 4.723 min Scan# 476
Delta R.T. 0.001 min
Lab File: VY006385.D
Acq: 13 Oct 2021 14:08

Tgt Ion: 84 Resp: 9374
Ion Ratio Lower Upper
84 100
49 114.2 114.4 171.6#
51 41.6 35.3 52.9
86 53.7 53.7 80.5





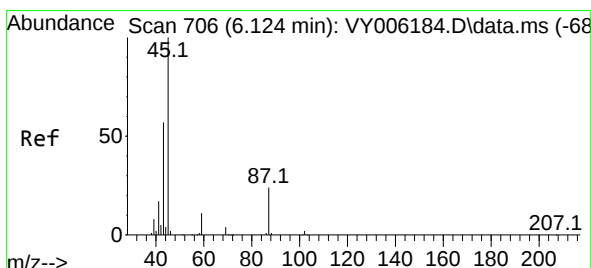
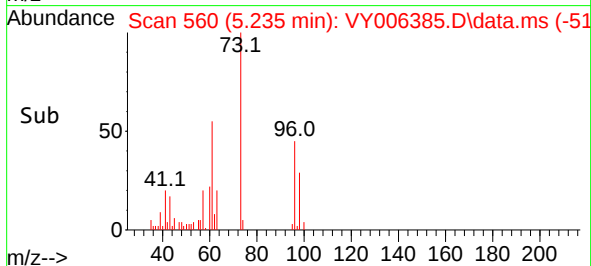
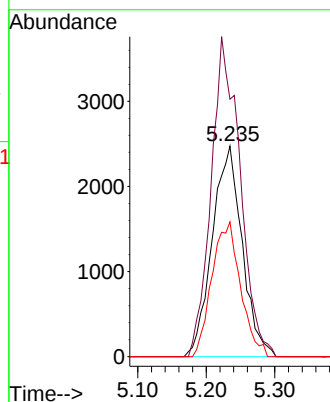
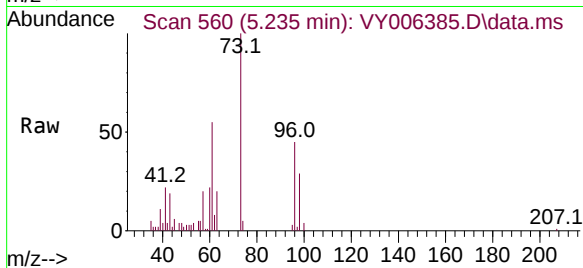
#21
trans-1,2-Dichloroethene
Concen: 5.493 ug/l
RT: 5.235 min Scan# 560
Delta R.T. 0.007 min
Lab File: VY006385.D
Acq: 13 Oct 2021 14:08

Tgt Ion: 96 Resp: 7506
Ion Ratio Lower Upper
96 100
61 122.2 120.5 180.7
98 64.0 49.8 74.8

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021

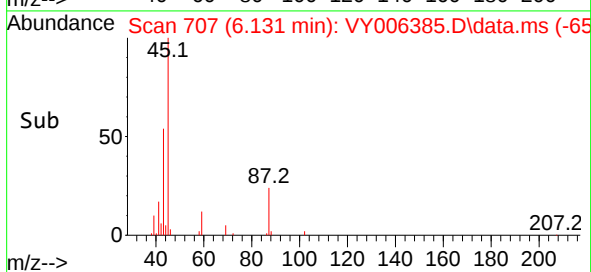
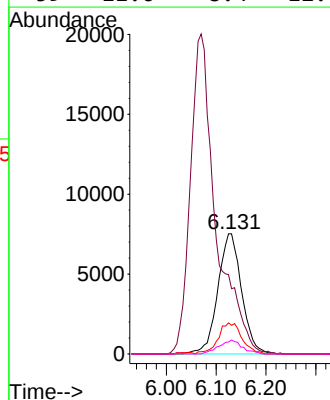
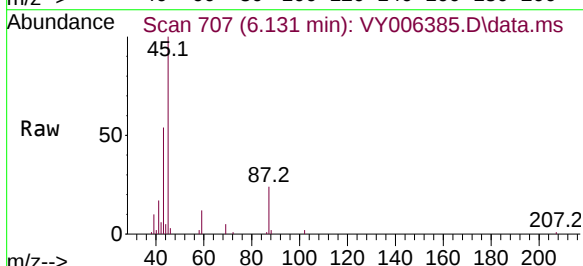
Manual Integrations
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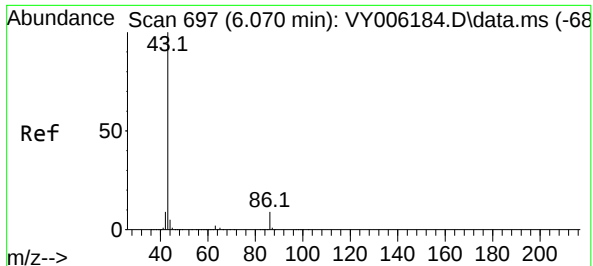
MMDadoda
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#22
Diisopropyl ether
Concen: 5.304 ug/l
RT: 6.131 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY006385.D
Acq: 13 Oct 2021 14:08

Tgt Ion: 45 Resp: 24872
Ion Ratio Lower Upper
45 100
43 53.4 49.3 73.9
87 23.8 19.2 28.8
59 11.6 8.4 12.6





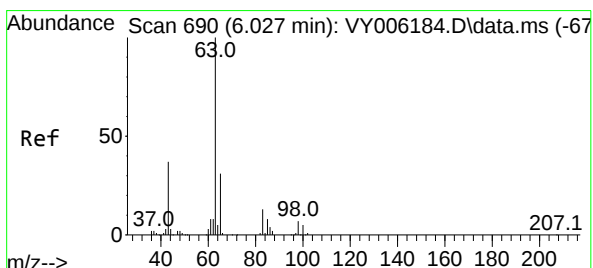
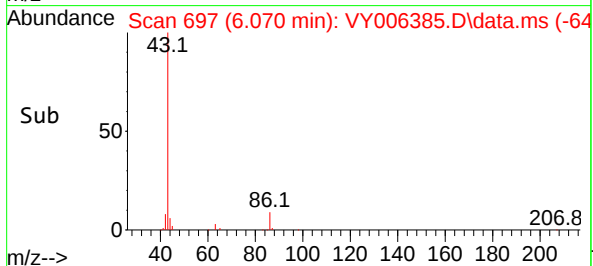
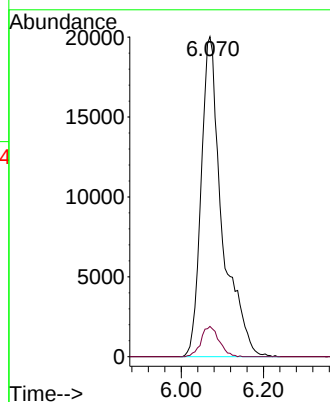
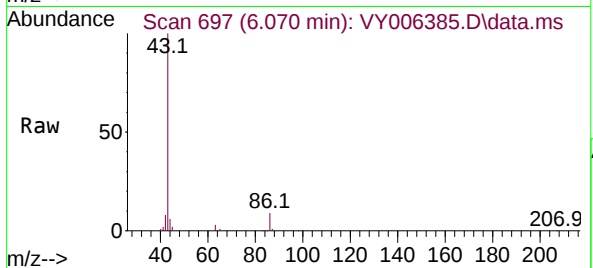
#23
 Vinyl Acetate
 Concen: 25.255 ug/l
 RT: 6.070 min Scan# 697
 Delta R.T. 0.000 min
 Lab File: VY006385.D
 Acq: 13 Oct 2021 14:08

Tgt Ion: 43 Resp: 70982
 Ion Ratio Lower Upper
 43 100
 86 9.5 7.1 10.7

Instrument :
 MSVOA_Y
 ClientSampleId :
 LOQ-SOIL-02-QT4-2021

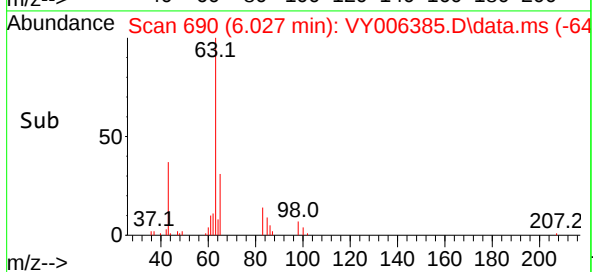
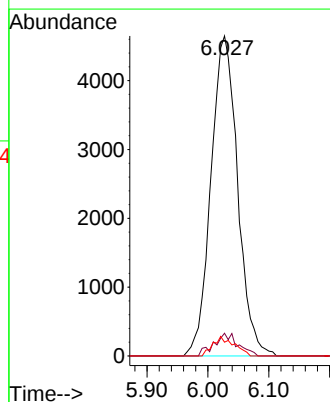
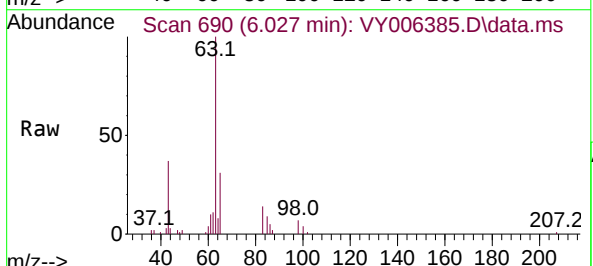
Manual Integrations
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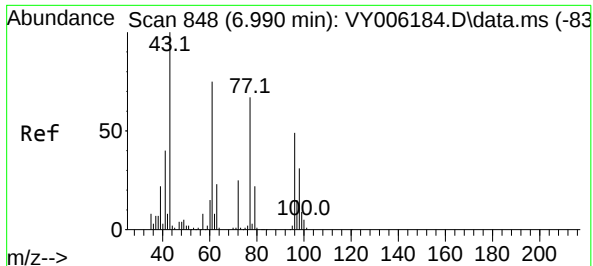
MMDadoda
 10/18/2021 5:21:37 PM



#24
 1,1-Dichloroethane
 Concen: 5.623 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.000 min
 Lab File: VY006385.D
 Acq: 13 Oct 2021 14:08

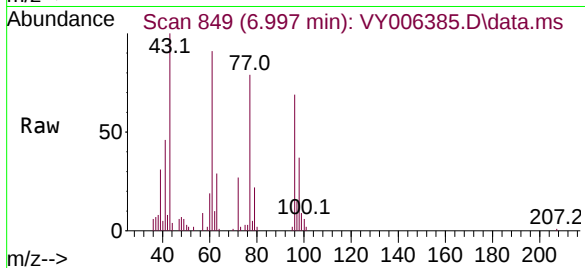
Tgt Ion: 63 Resp: 14154
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.6 10.8
 100 4.3 2.0 5.8





#25
2-Butanone
Concen: 25.890 ug/l
RT: 6.997 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY006385.D
Acq: 13 Oct 2021 14:08

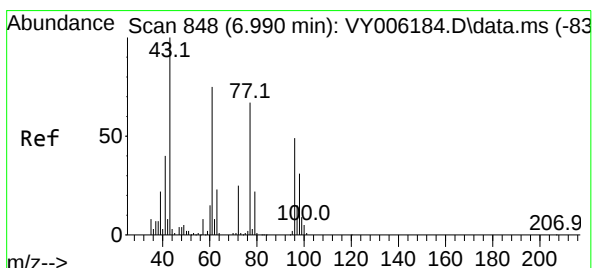
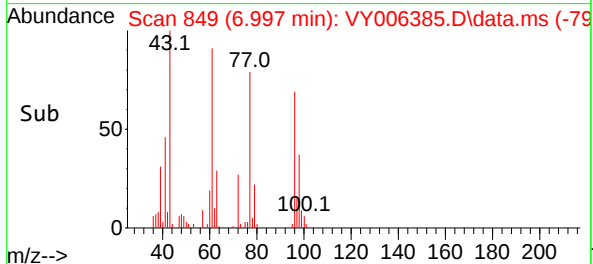
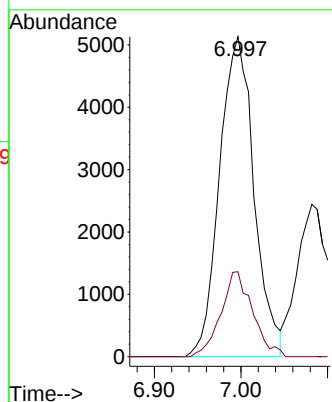
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021



Tgt Ion: 43 Resp: 14187
Ion Ratio Lower Upper
43 100
72 26.6 17.7 26.5#

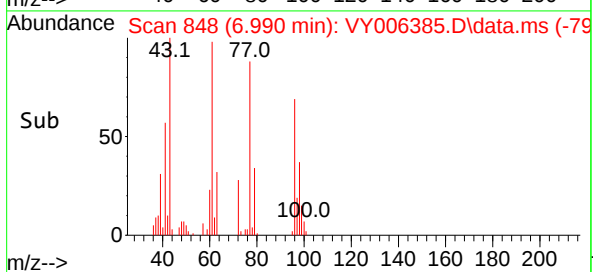
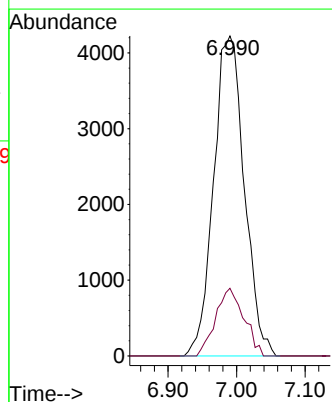
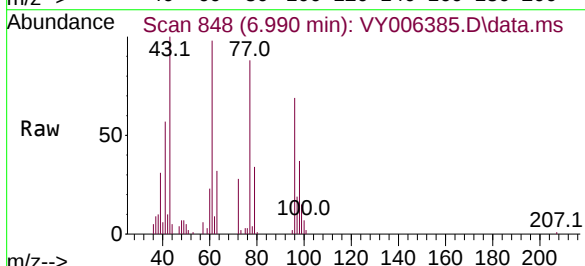
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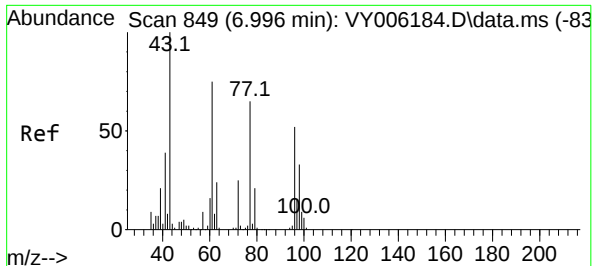
MMDadoda
10/18/2021 5:21:37 PM



#26
2,2-Dichloropropane
Concen: 5.705 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY006385.D
Acq: 13 Oct 2021 14:08

Tgt Ion: 77 Resp: 13133
Ion Ratio Lower Upper
77 100
97 19.5 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 5.710 ug/l

RT: 6.997 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY006385.D

Acq: 13 Oct 2021 14:08

Tgt Ion:	96	Resp:	8738
Ion	Ratio	Lower	Upper
96	100		
61	149.5	0.0	319.8
98	59.6	0.0	127.0

Instrument :

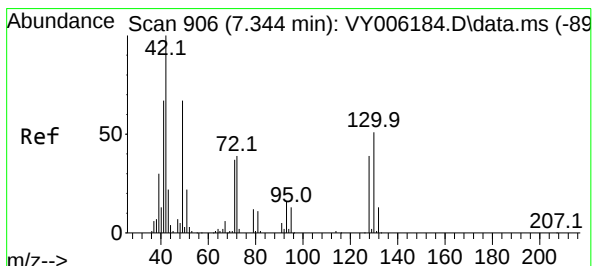
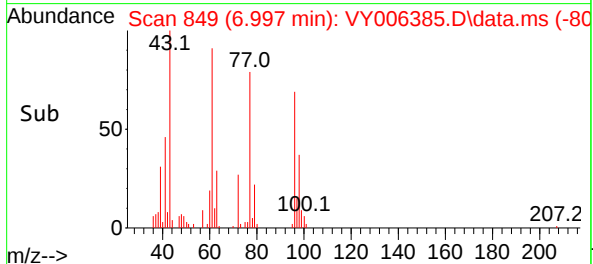
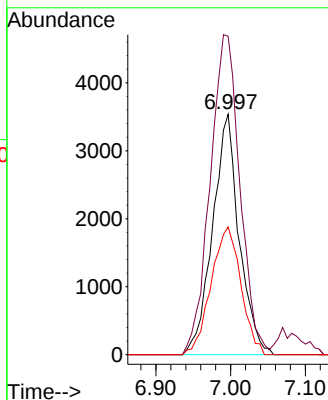
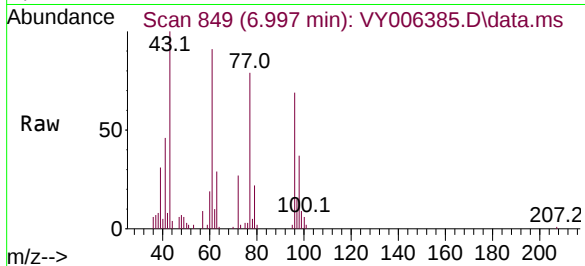
MSVOA_Y

ClientSampleId :

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#28

Bromochloromethane

Concen: 5.184 ug/l

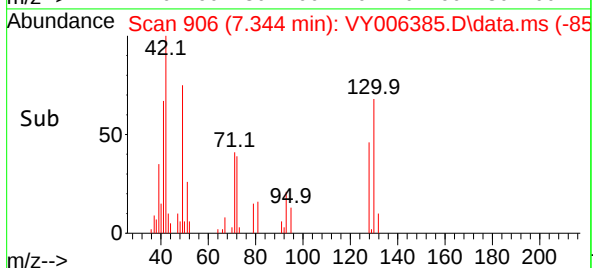
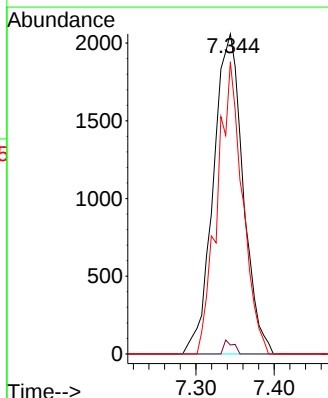
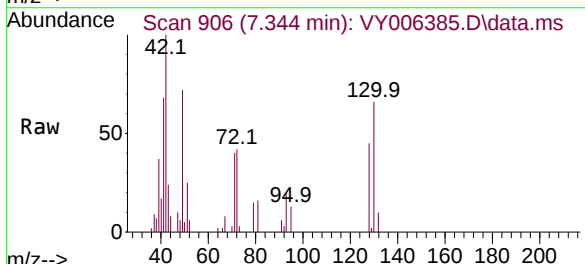
RT: 7.344 min Scan# 906

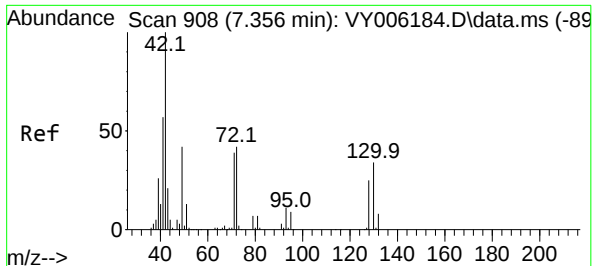
Delta R.T. 0.000 min

Lab File: VY006385.D

Acq: 13 Oct 2021 14:08

Tgt Ion:	49	Resp:	5434
Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	2.2
130	77.4	55.4	83.0





#29

Tetrahydrofuran

Concen: 25.757 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.000 min

Lab File: VY006385.D

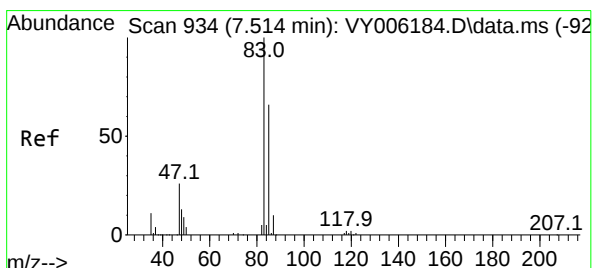
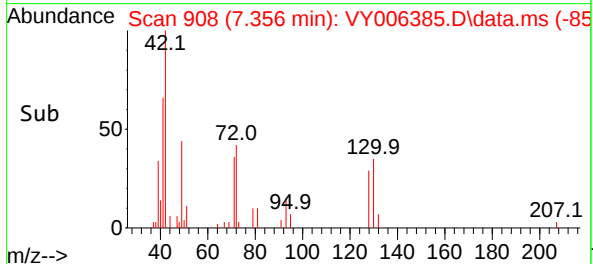
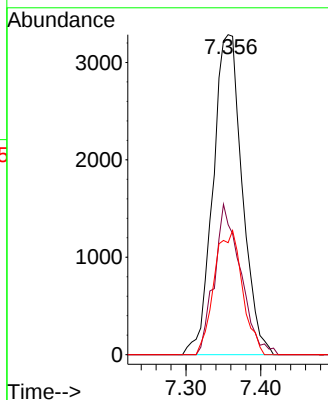
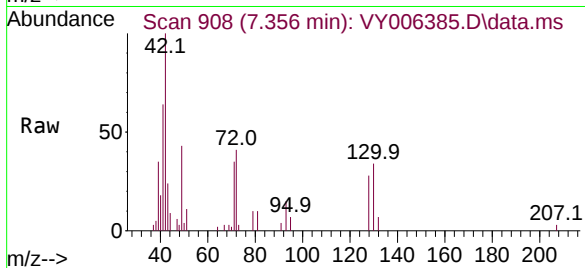
Acq: 13 Oct 2021 14:08

Tgt Ion:	42	Resp:	8915
Ion	Ratio	Lower	Upper
42	100		
72	42.3	30.3	45.5
71	37.4	29.0	43.4

Instrument :
MSVOA_Y
ClientSampleId :
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#30

Chloroform

Concen: 5.813 ug/l

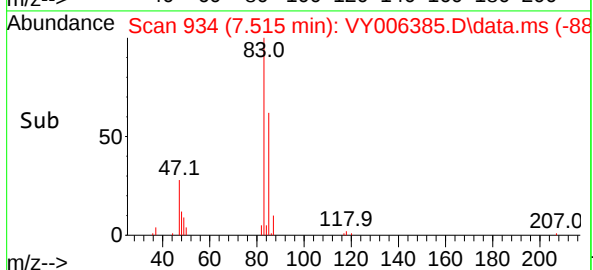
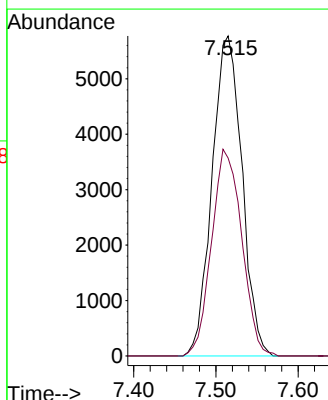
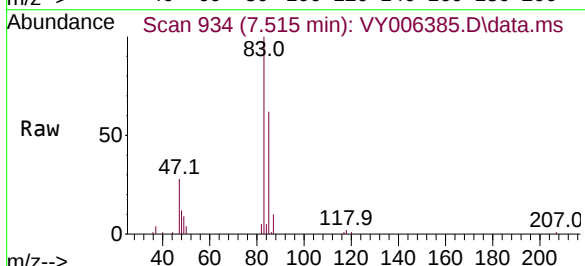
RT: 7.515 min Scan# 934

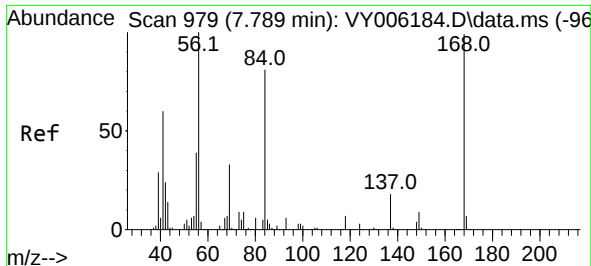
Delta R.T. 0.000 min

Lab File: VY006385.D

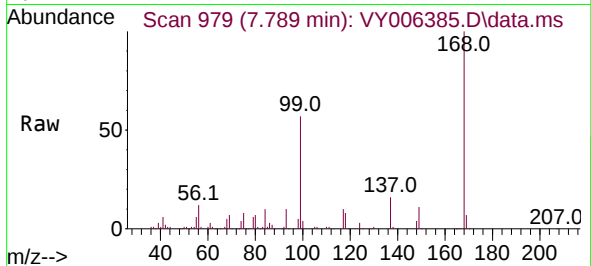
Acq: 13 Oct 2021 14:08

Tgt Ion:	83	Resp:	14598
Ion	Ratio	Lower	Upper
83	100		
85	61.8	51.8	77.6

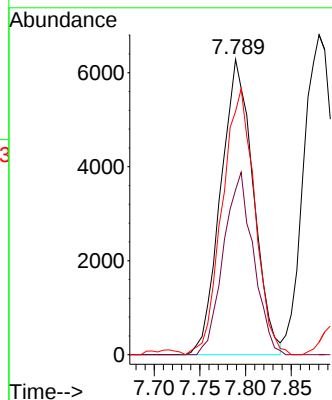
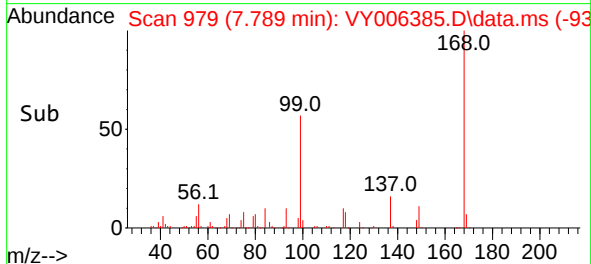




#31
Cyclohexane
Concen: 5.852 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.000 min
Lab File: VY006385.D
Acq: 13 Oct 2021 14:08



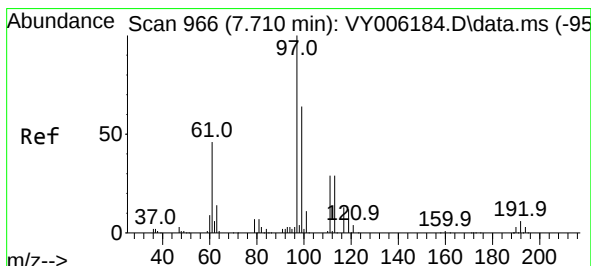
Tgt Ion: 56 Resp: 15614
Ion Ratio Lower Upper
56 100
69 55.8 26.7 40.1#
84 81.4 67.2 100.8



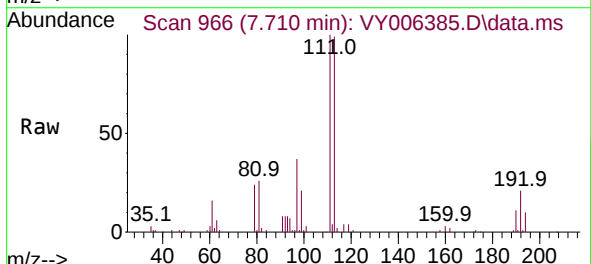
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021

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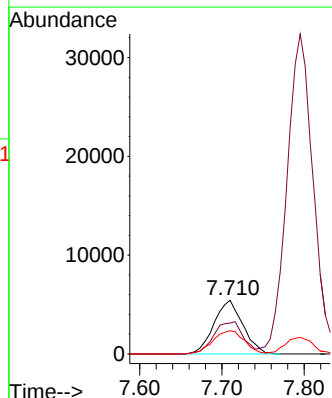
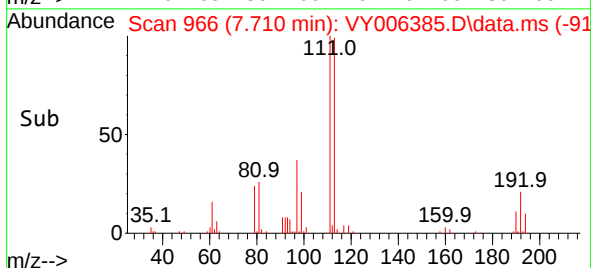
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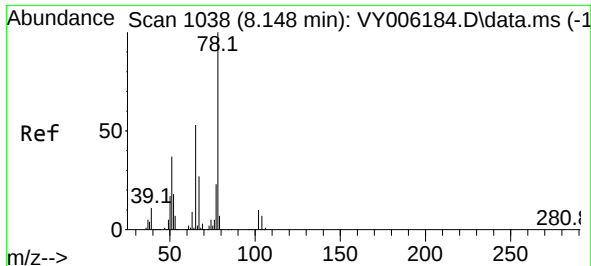


#32
1,1,1-Trichloroethane
Concen: 5.704 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY006385.D
Acq: 13 Oct 2021 14:08



Tgt Ion: 97 Resp: 13226
Ion Ratio Lower Upper
97 100
99 61.3 50.7 76.1
61 47.2 37.6 56.4





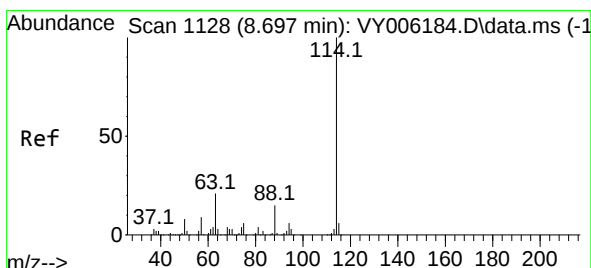
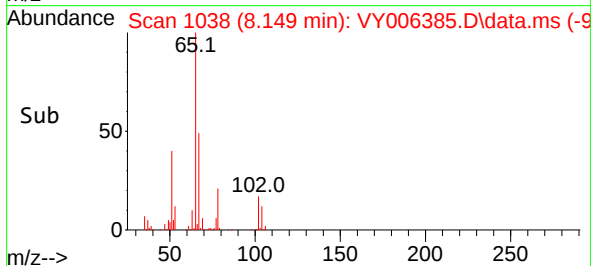
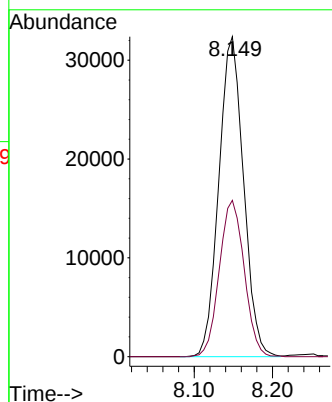
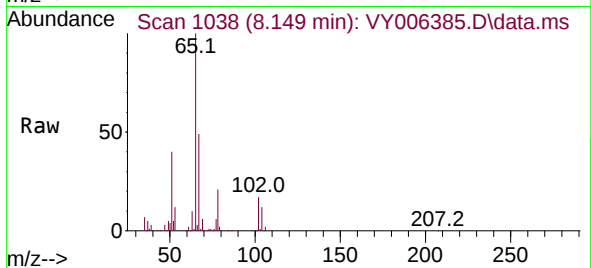
#33
1,2-Dichloroethane-d4
Concen: 50.437 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY006385.D
Acq: 13 Oct 2021 14:08

Tgt Ion: 65 Resp: 71038
Ion Ratio Lower Upper
65 100
67 49.1 0.0 99.4

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021

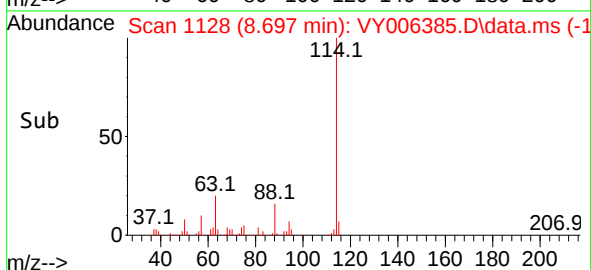
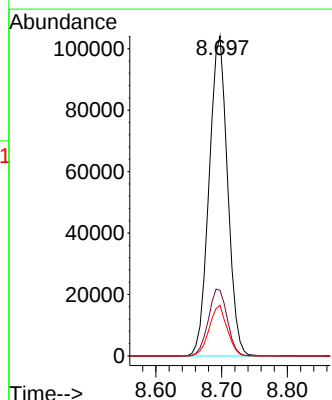
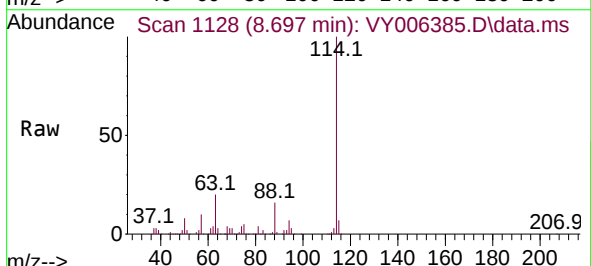
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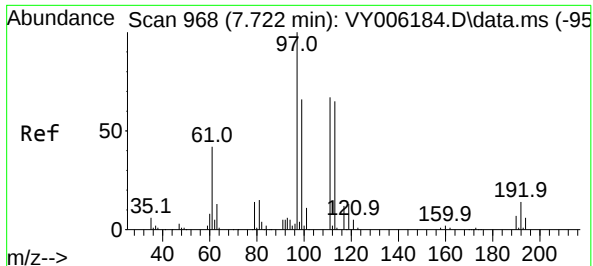
MMDadoda
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#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY006385.D
Acq: 13 Oct 2021 14:08

Tgt Ion: 114 Resp: 202952
Ion Ratio Lower Upper
114 100
63 20.5 0.0 43.2
88 15.9 0.0 31.8





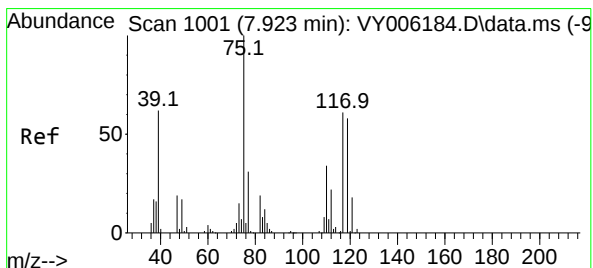
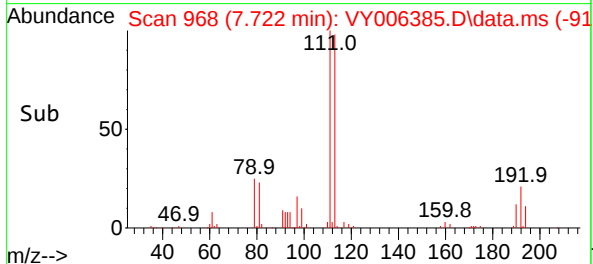
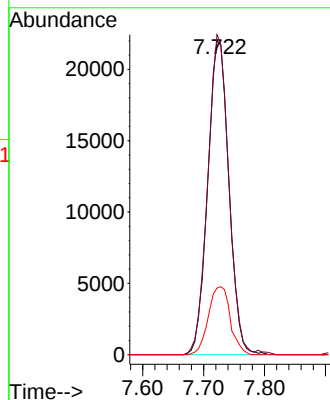
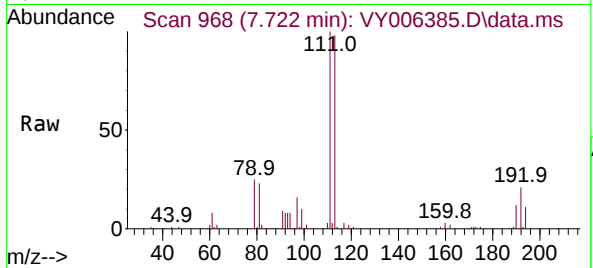
#35
Dibromofluoromethane
Concen: 49.133 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY006385.D
Acq: 13 Oct 2021 14:08

Tgt Ion:	113	Resp:	53274
Ion	Ratio	Lower	Upper
113	100		
111	100.6	82.6	124.0
192	22.3	17.6	26.4

Instrument :
MSVOA_Y
ClientSampleId :
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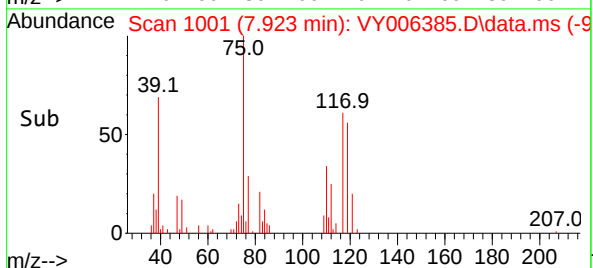
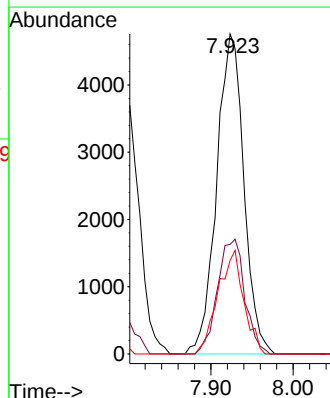
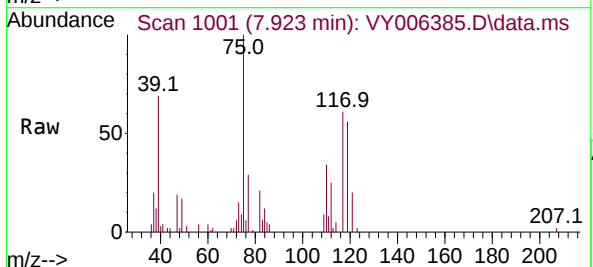
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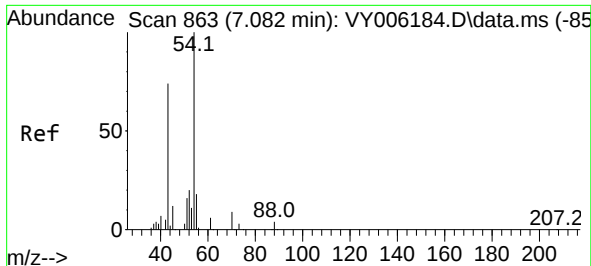
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#36
1,1-Dichloropropene
Concen: 5.421 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY006385.D
Acq: 13 Oct 2021 14:08

Tgt Ion:	75	Resp:	10947
Ion	Ratio	Lower	Upper
75	100		
110	35.9	17.1	51.2
77	30.7	24.4	36.6





#37

Ethyl Acetate

Concen: 5.420 ug/l

RT: 7.082 min Scan# 863

Delta R.T. 0.000 min

Lab File: VY006385.D

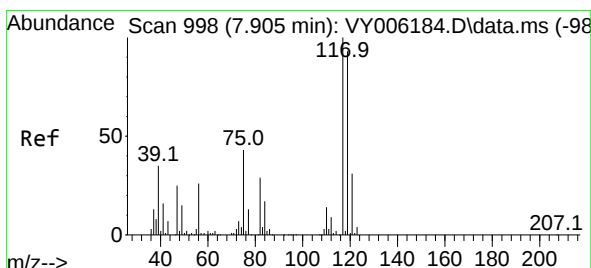
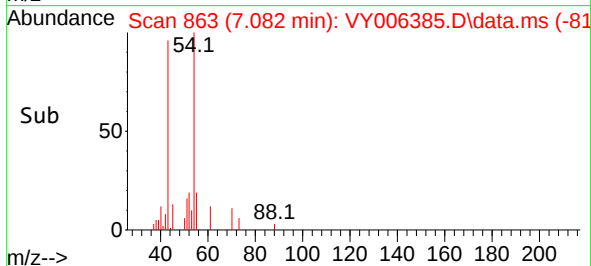
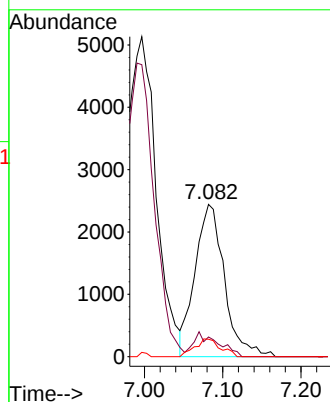
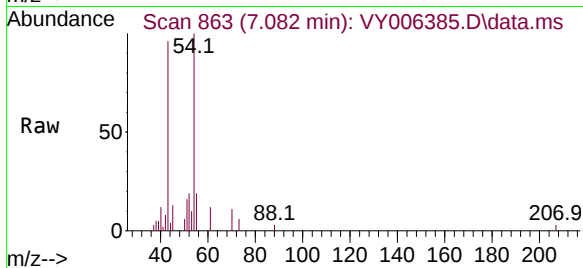
Acq: 13 Oct 2021 14:08

Tgt Ion:	43	Resp:	6376
Ion	Ratio	Lower	Upper
43	100		
61	13.5	9.7	14.5
70	10.1	7.1	10.7

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 5.726 ug/l

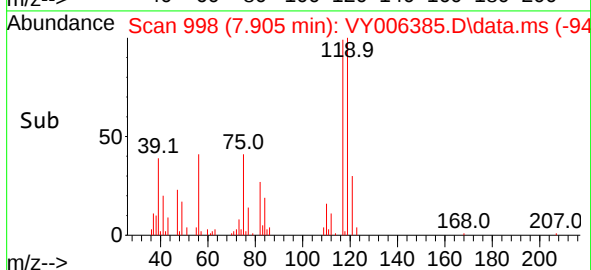
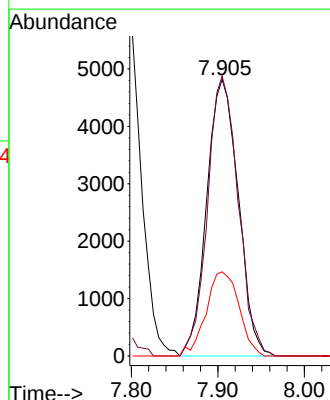
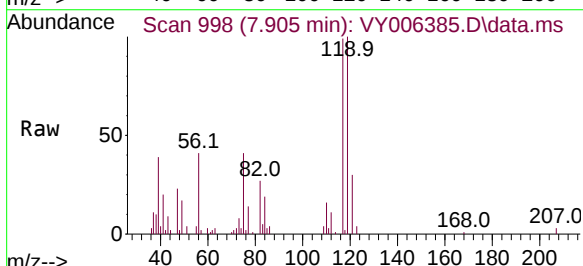
RT: 7.905 min Scan# 998

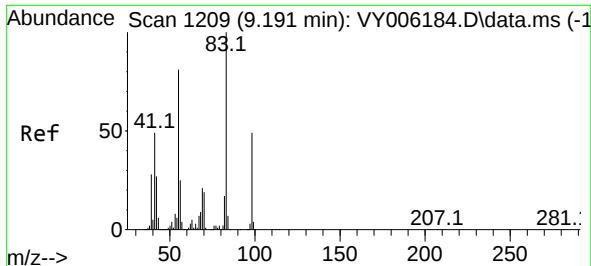
Delta R.T. 0.000 min

Lab File: VY006385.D

Acq: 13 Oct 2021 14:08

Tgt Ion:	117	Resp:	12209
Ion	Ratio	Lower	Upper
117	100		
119	101.2	77.9	116.9
121	30.4	24.8	37.2





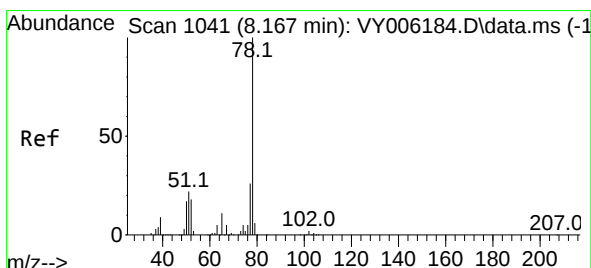
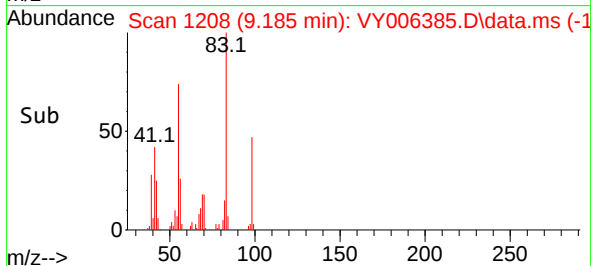
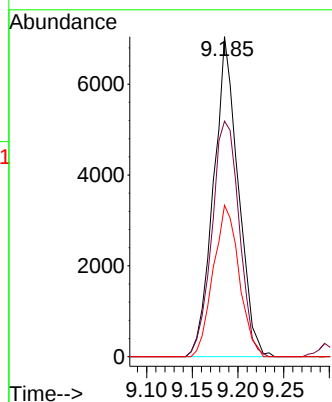
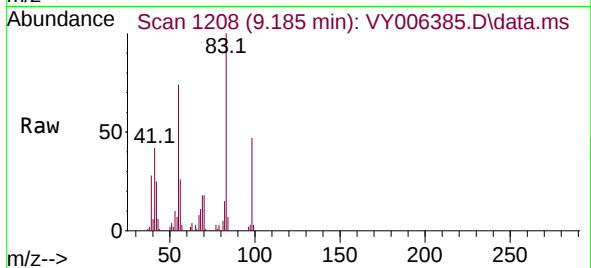
#39
Methylcyclohexane
Concen: 5.218 ug/l
RT: 9.185 min Scan# 1208
Delta R.T. -0.006 min
Lab File: VY006385.D
Acq: 13 Oct 2021 14:08

Tgt Ion: 83	Resp: 13234
Ion Ratio	Lower Upper
83 100	
55 73.6	66.5 99.7
98 47.3	37.9 56.9

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021

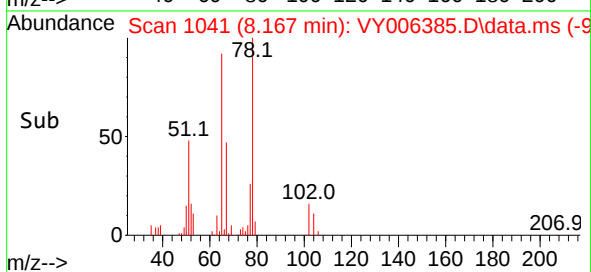
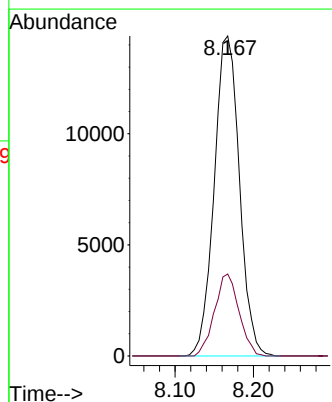
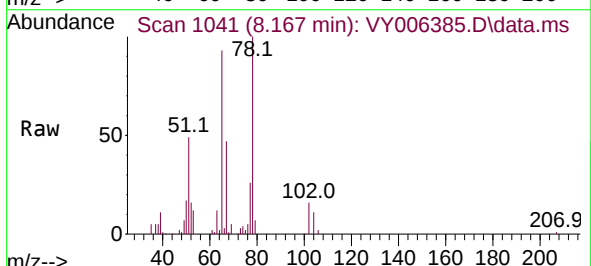
Manual Integrations
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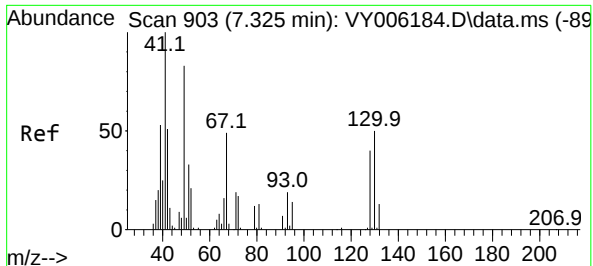
MMDadoda
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#40
Benzene
Concen: 5.625 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.000 min
Lab File: VY006385.D
Acq: 13 Oct 2021 14:08

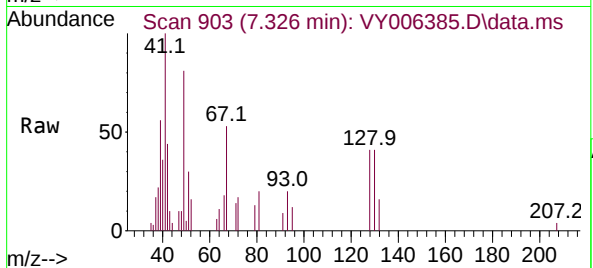
Tgt Ion: 78	Resp: 32225
Ion Ratio	Lower Upper
78 100	
77 25.6	20.4 30.6





#41
Methacrylonitrile
Concen: 4.523 ug/l m
RT: 7.326 min Scan# 903
Delta R.T. 0.000 min
Lab File: VY006385.D
Acq: 13 Oct 2021 14:08

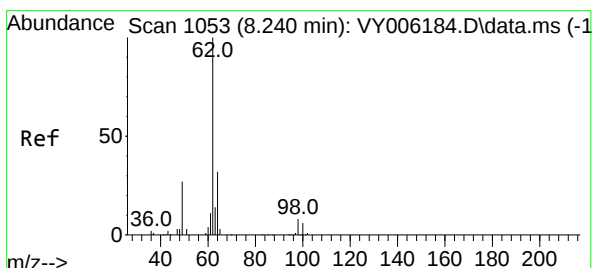
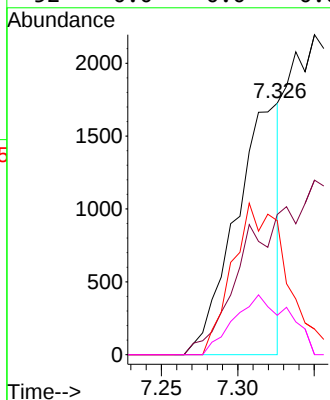
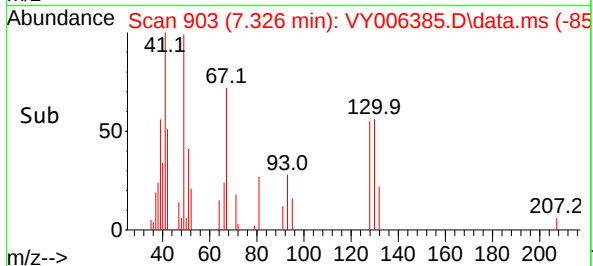
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021



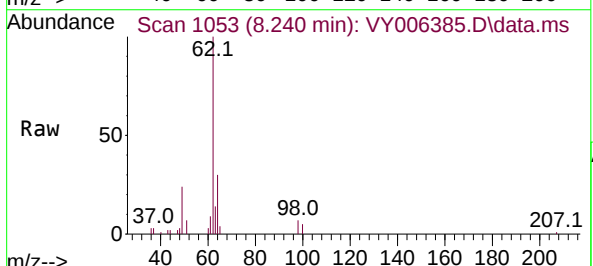
Tgt Ion	Ratio	Lower	Upper
41	100		
39	144.8	92.9	139.3#
67	0.0	0.0	0.0
52	0.0	0.0	0.0

Manual Integrations
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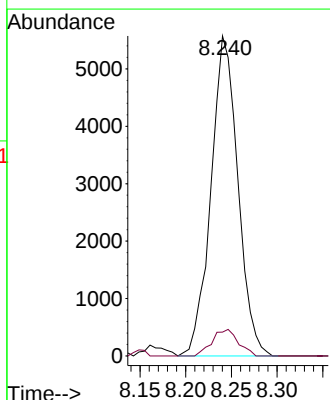
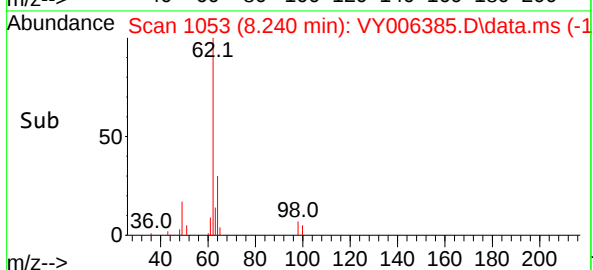
MMDadoda
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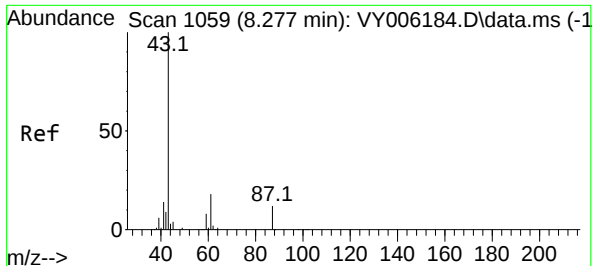


#42
1,2-Dichloroethane
Concen: 6.202 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY006385.D
Acq: 13 Oct 2021 14:08



Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	14.8





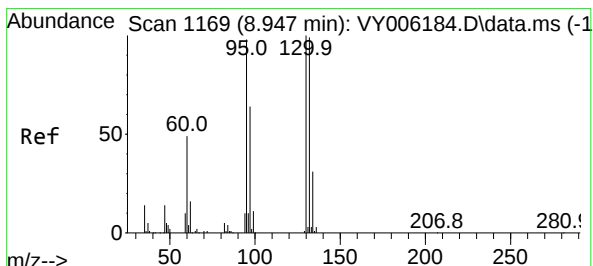
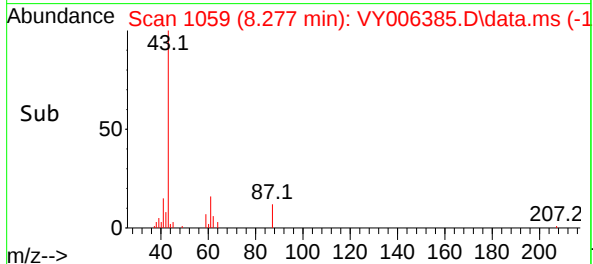
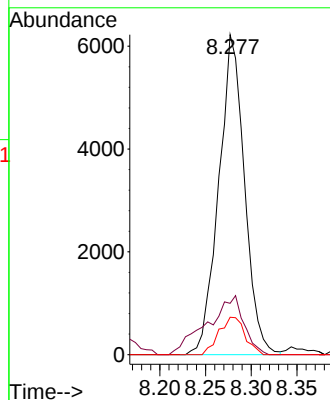
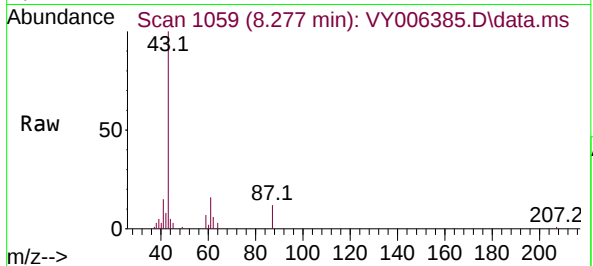
#43
Isopropyl Acetate
Concen: 5.415 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VY006385.D
Acq: 13 Oct 2021 14:08

Tgt Ion:	43	Resp:	12218
Ion	Ratio	Lower	Upper
43	100		
61	26.2	20.2	30.2
87	11.8	8.9	13.3

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021

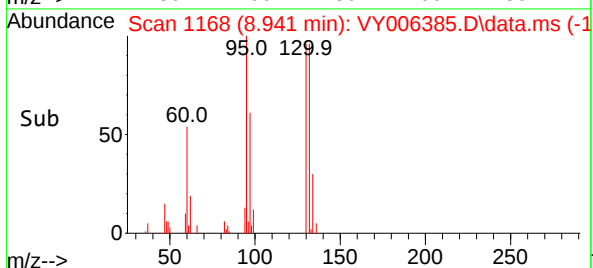
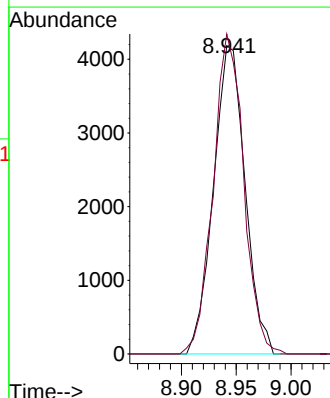
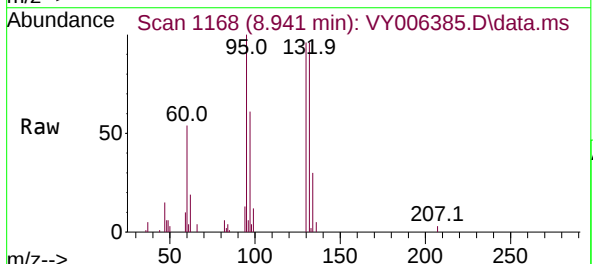
Manual Integrations
APPROVED

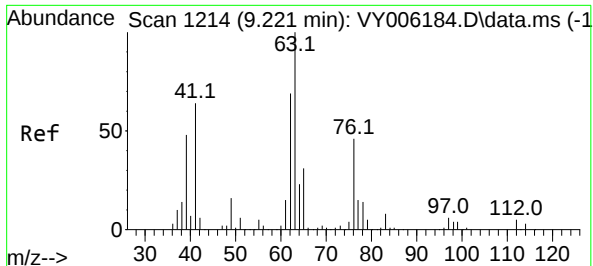
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#44
Trichloroethene
Concen: 5.674 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.006 min
Lab File: VY006385.D
Acq: 13 Oct 2021 14:08

Tgt Ion:	130	Resp:	8395
Ion	Ratio	Lower	Upper
130	100		
95	103.8	0.0	188.2





#45

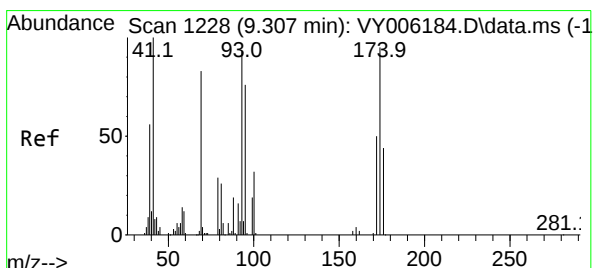
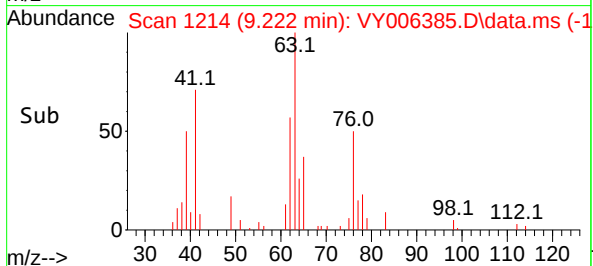
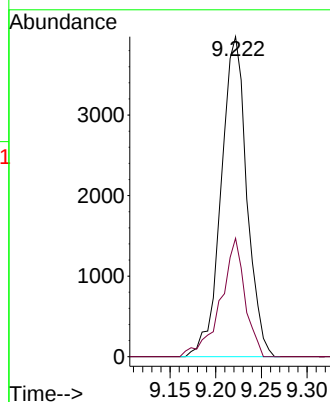
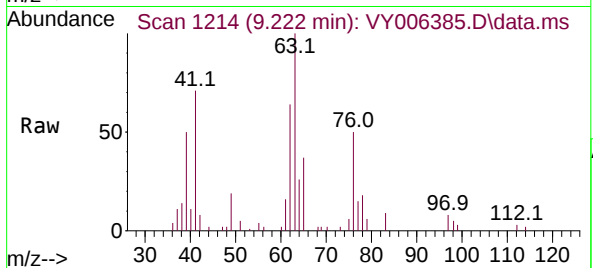
1,2-Dichloropropane
Concen: 5.502 ug/l
RT: 9.222 min Scan# 1214
Delta R.T. 0.000 min
Lab File: VY006385.D
Acq: 13 Oct 2021 14:08

Tgt Ion: 63 Resp: 7760
Ion Ratio Lower Upper
63 100
65 37.0 23.0 34.6#

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021

Manual Integrations
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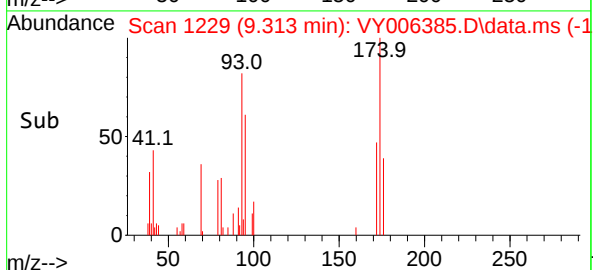
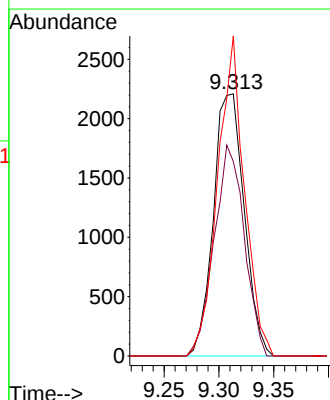
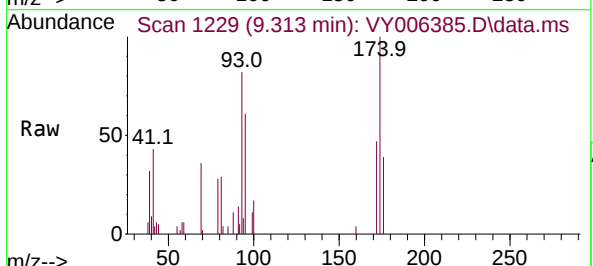
MMDadoda
10/18/2021 5:21:37 PM

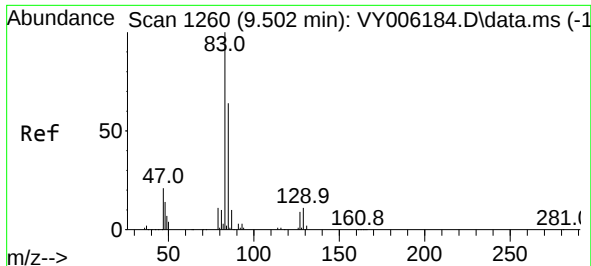


#46

Dibromomethane
Concen: 5.760 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VY006385.D
Acq: 13 Oct 2021 14:08

Tgt Ion: 93 Resp: 4326
Ion Ratio Lower Upper
93 100
95 78.3 64.3 96.5
174 105.8 83.4 125.0





#47
Bromodichloromethane
Concen: 5.825 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VY006385.D
Acq: 13 Oct 2021 14:08

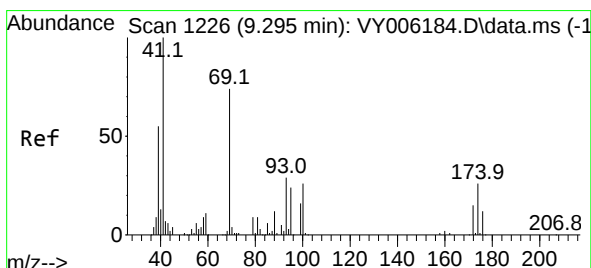
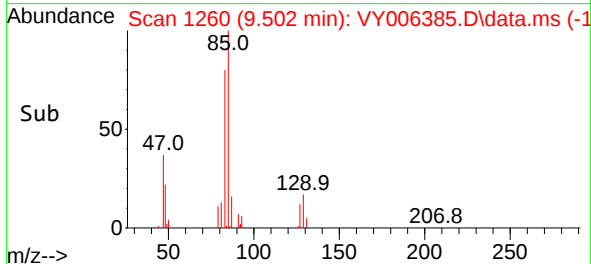
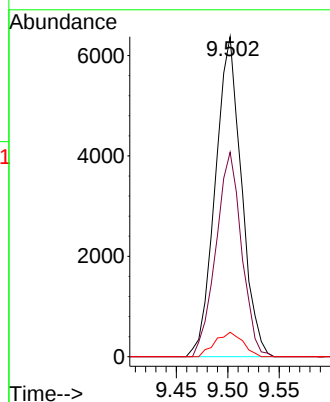
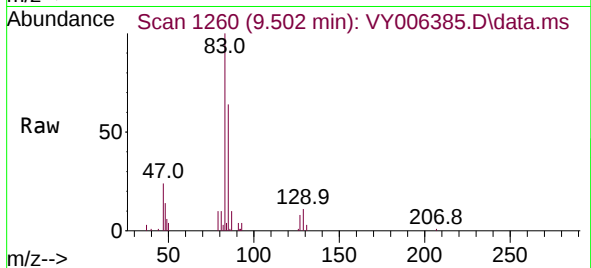
Tgt Ion: 83 Resp: 11264

Ion	Ratio	Lower	Upper
83	100		
85	63.9	51.9	77.9
127	7.6	6.6	10.0

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021

Manual Integrations
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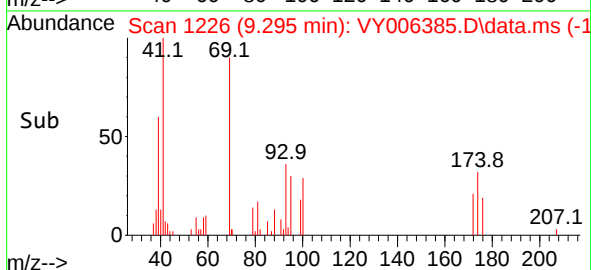
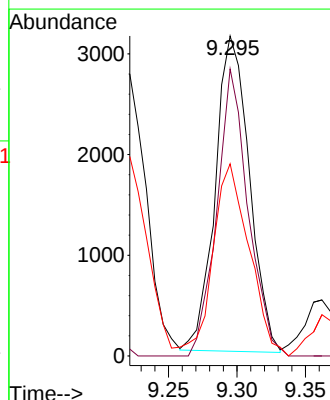
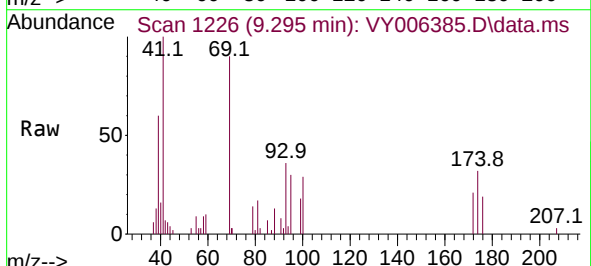
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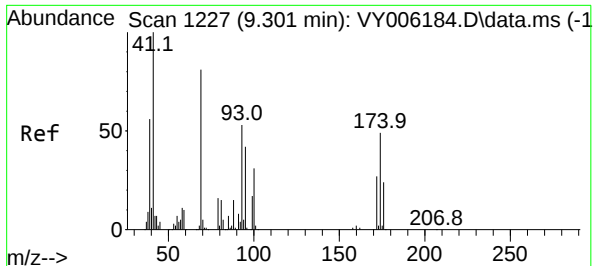


#48
Methyl methacrylate
Concen: 5.020 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY006385.D
Acq: 13 Oct 2021 14:08

Tgt Ion: 41 Resp: 5433

Ion	Ratio	Lower	Upper
41	100		
69	83.3	58.2	87.2
39	64.4	47.4	71.0





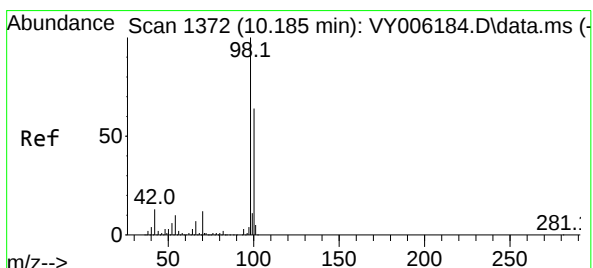
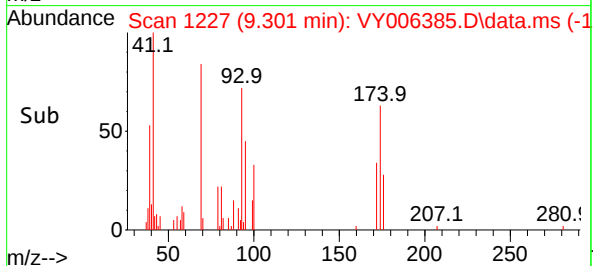
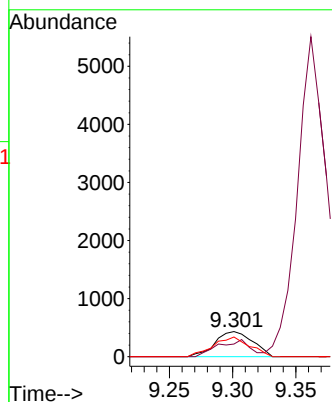
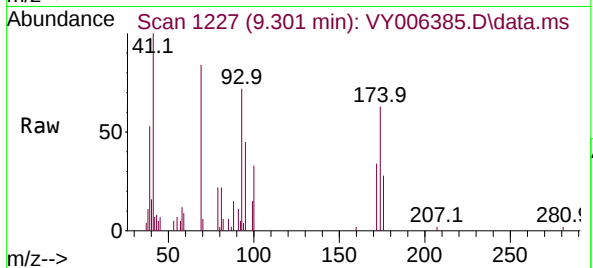
#49
1,4-Dioxane
Concen: 91.345 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VY006385.D
Acq: 13 Oct 2021 14:08

Tgt Ion: 88 Resp: 895
Ion Ratio Lower Upper
88 100
43 55.6 32.8 49.2#
58 75.5 59.8 89.6

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021

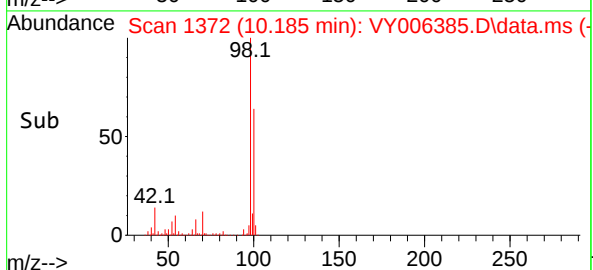
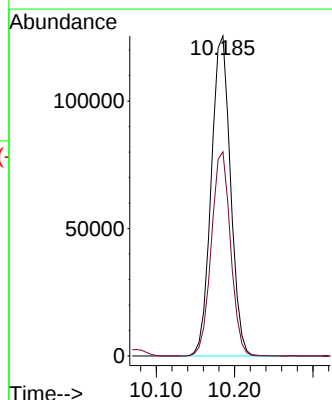
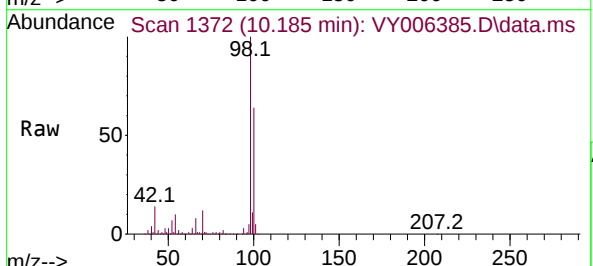
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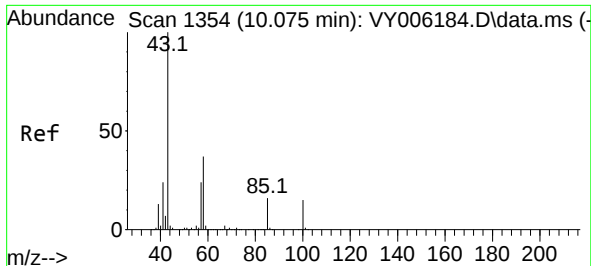
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#50
Toluene-d8
Concen: 47.255 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY006385.D
Acq: 13 Oct 2021 14:08

Tgt Ion: 98 Resp: 214439
Ion Ratio Lower Upper
98 100
100 63.6 50.2 75.2





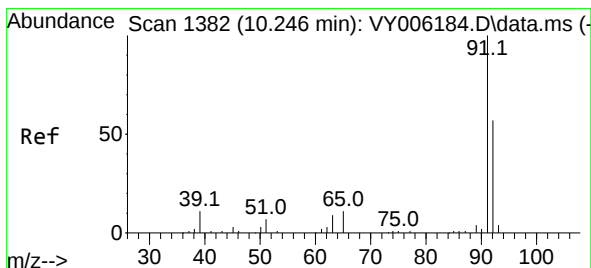
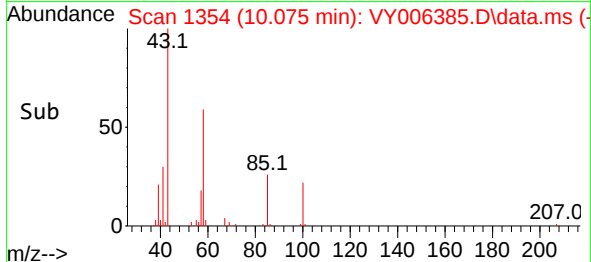
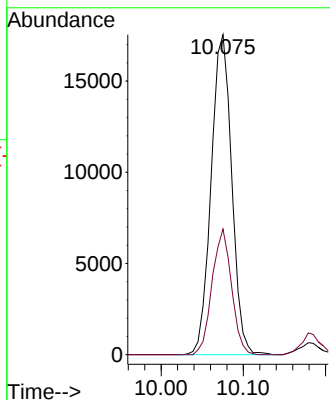
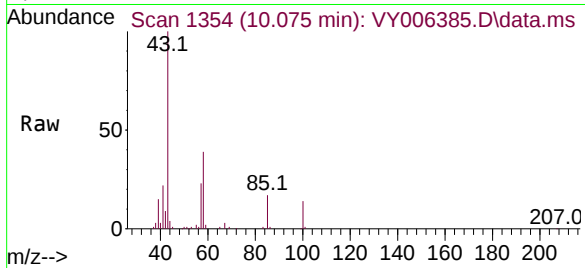
#51
4-Methyl-2-Pentanone
Concen: 26.093 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY006385.D
Acq: 13 Oct 2021 14:08

Tgt Ion: 43 Resp: 30568
Ion Ratio Lower Upper
43 100
58 36.9 28.1 42.1

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021

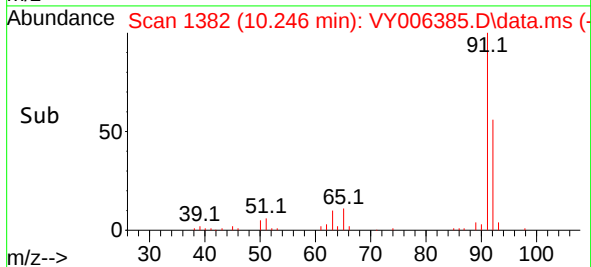
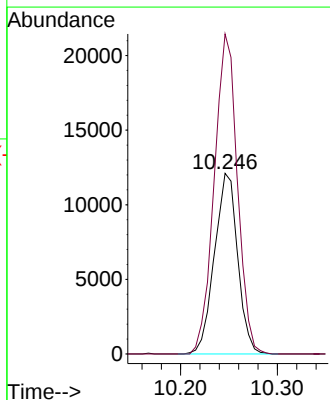
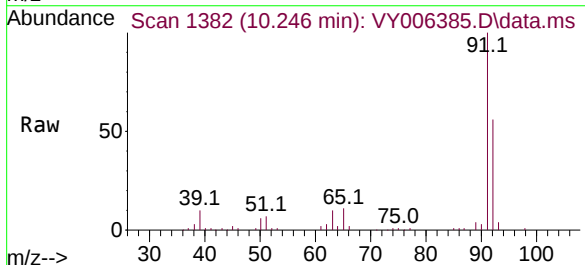
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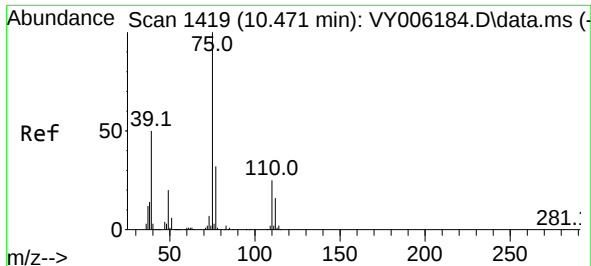
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#52
Toluene
Concen: 5.675 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY006385.D
Acq: 13 Oct 2021 14:08

Tgt Ion: 92 Resp: 20167
Ion Ratio Lower Upper
92 100
91 176.7 142.6 213.8





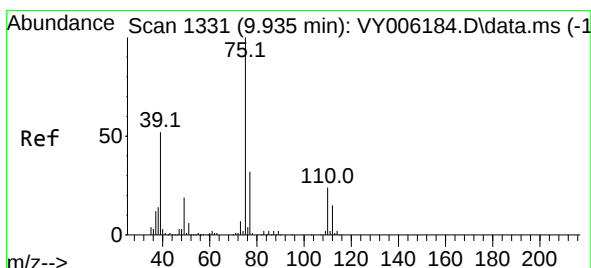
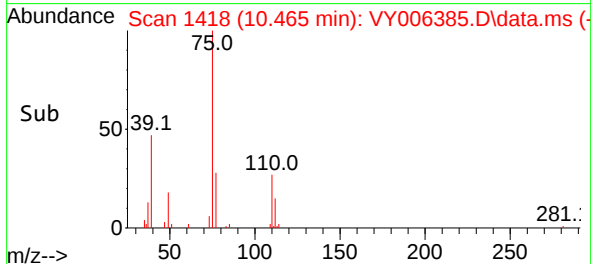
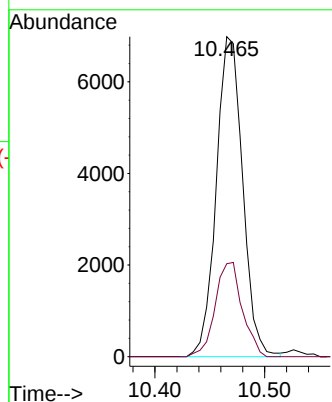
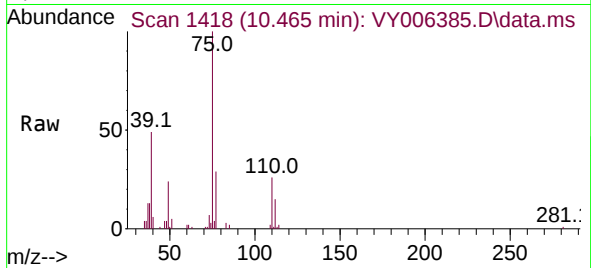
#53
t-1,3-Dichloropropene
Concen: 5.541 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. -0.006 min
Lab File: VY006385.D
Acq: 13 Oct 2021 14:08

Tgt Ion: 75 Resp: 11683
Ion Ratio Lower Upper
75 100
77 29.0 25.4 38.2

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021

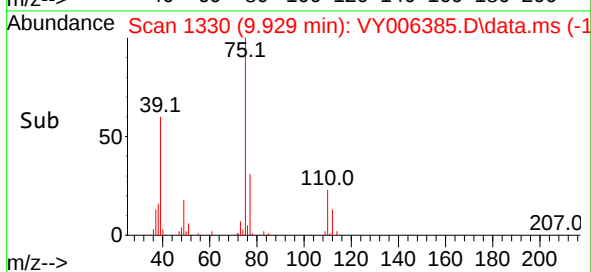
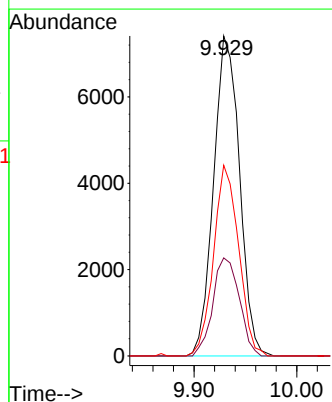
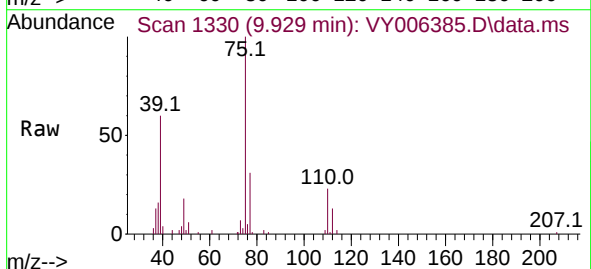
Manual Integrations
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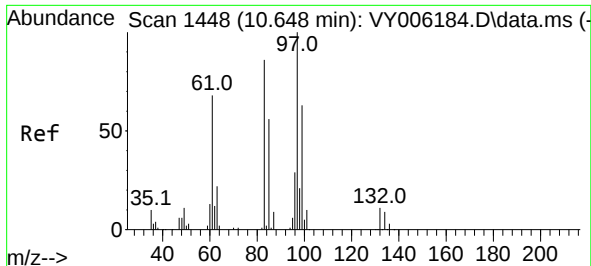
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#54
cis-1,3-Dichloropropene
Concen: 5.590 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.006 min
Lab File: VY006385.D
Acq: 13 Oct 2021 14:08

Tgt Ion: 75 Resp: 12956
Ion Ratio Lower Upper
75 100
77 30.6 25.6 38.4
39 59.6 47.6 71.4





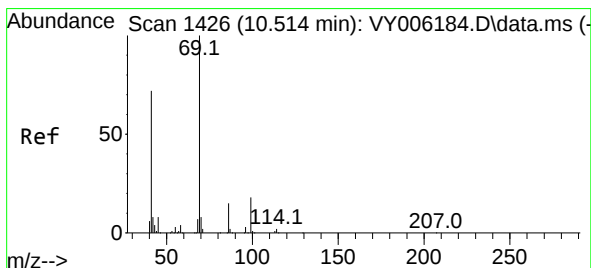
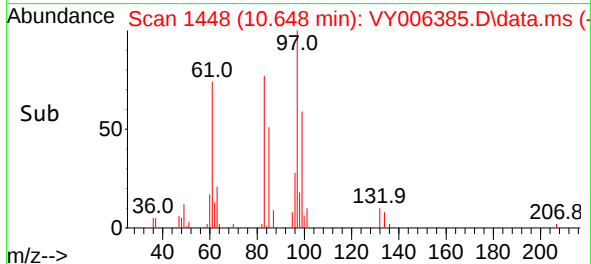
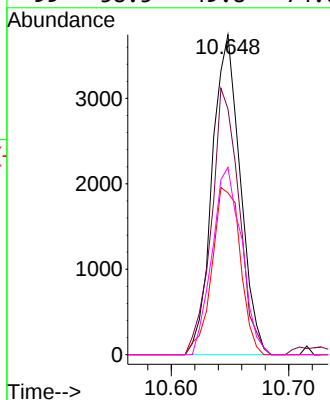
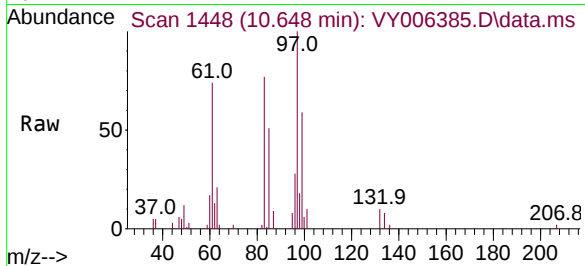
#55
1,1,2-Trichloroethane
Concen: 5.883 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY006385.D
Acq: 13 Oct 2021 14:08

Tgt Ion:	97	Resp:	6217
Ion	Ratio	Lower	Upper
97	100		
83	76.8	69.8	104.8
85	50.5	44.3	66.5
99	58.5	49.8	74.6

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021

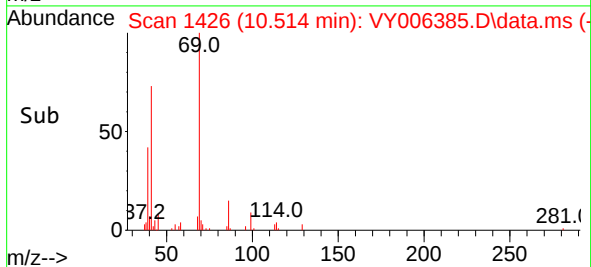
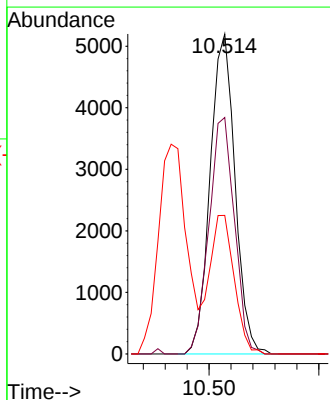
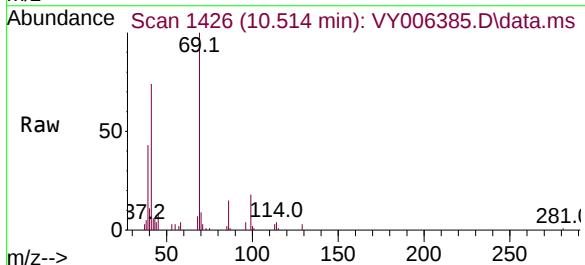
Manual Integrations
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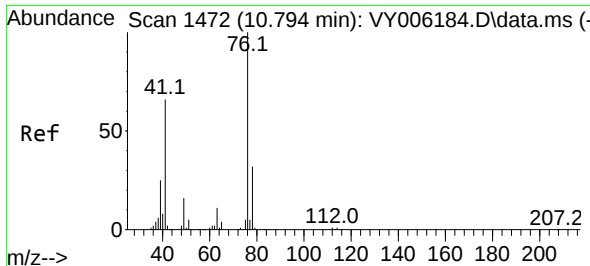
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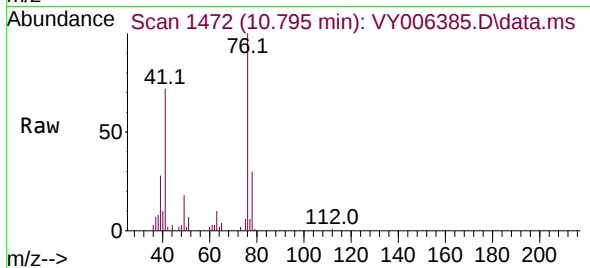
#56
Ethyl methacrylate
Concen: 5.101 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VY006385.D
Acq: 13 Oct 2021 14:08

Tgt Ion:	69	Resp:	8193
Ion	Ratio	Lower	Upper
69	100		
41	75.8	63.4	95.0
39	43.4	35.8	53.8

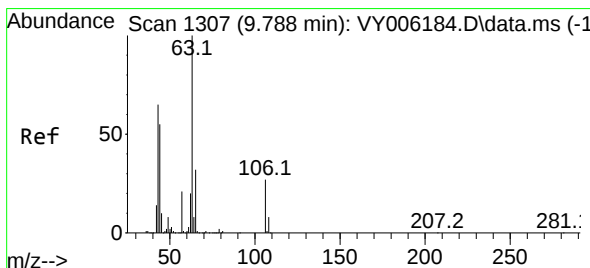
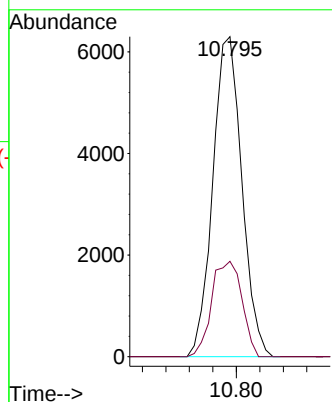
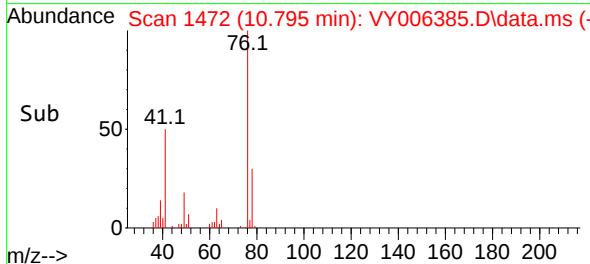




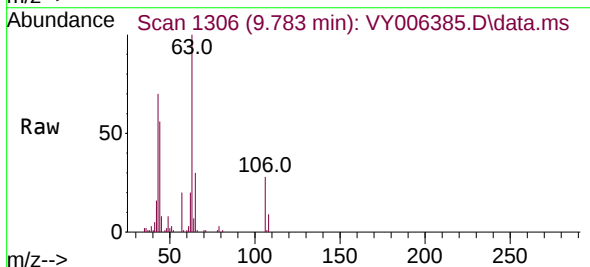
#57
1,3-Dichloropropane
Concen: 5.657 ug/l
RT: 10.795 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VY006385.D
Acq: 13 Oct 2021 14:08



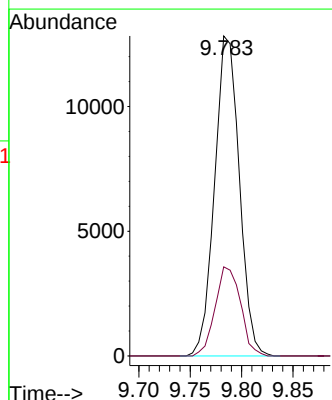
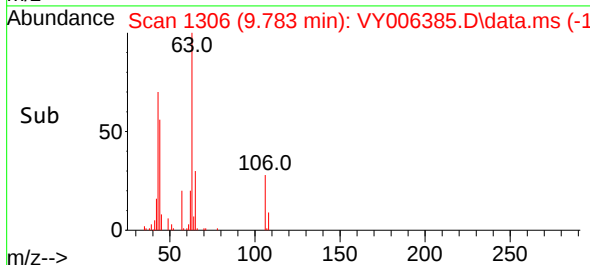
Tgt Ion: 76 Resp: 10816
Ion Ratio Lower Upper
76 100
78 30.9 25.0 37.6



#58
2-Chloroethyl Vinyl ether
Concen: 27.205 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. -0.006 min
Lab File: VY006385.D
Acq: 13 Oct 2021 14:08



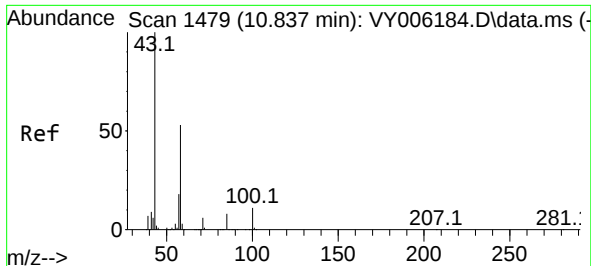
Tgt Ion: 63 Resp: 21409
Ion Ratio Lower Upper
63 100
106 28.5 21.5 32.3



Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021

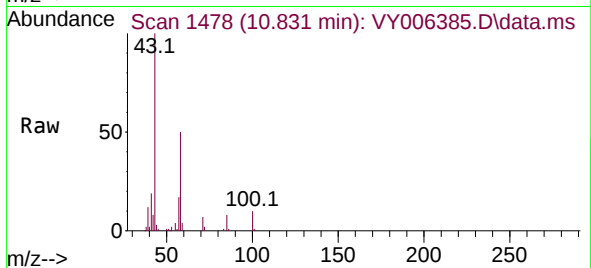
Manual Integrations
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#59
2-Hexanone
Concen: 25.044 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.006 min
Lab File: VY006385.D
Acq: 13 Oct 2021 14:08

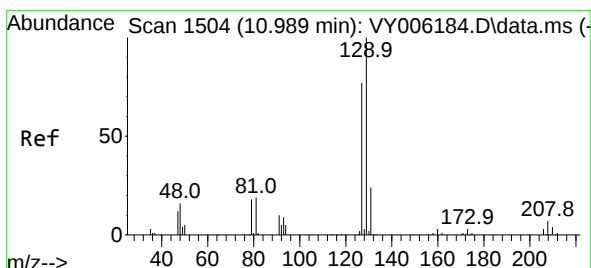
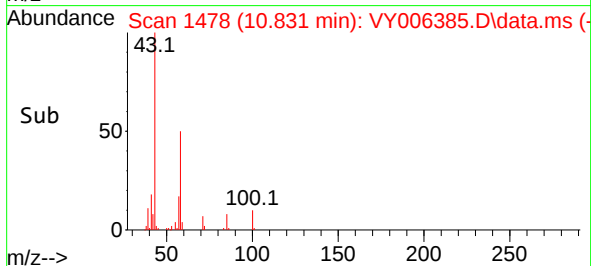
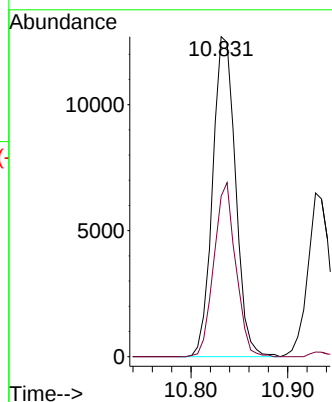
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021



Tgt Ion: 43 Resp: 20896
Ion Ratio Lower Upper
43 100
58 51.7 24.4 73.4

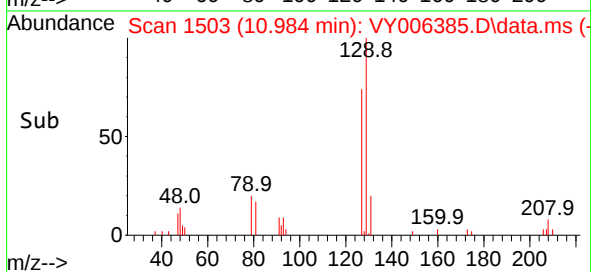
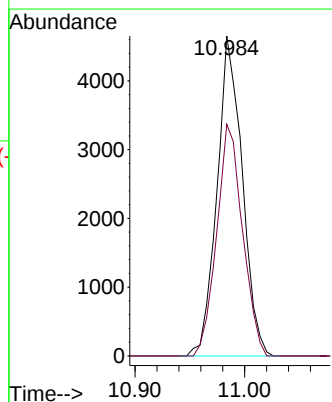
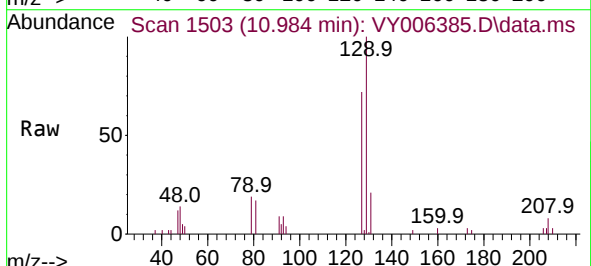
Manual Integrations
APPROVED

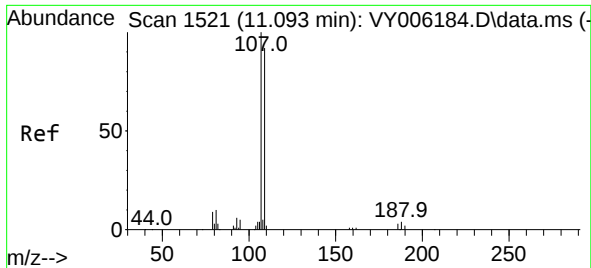
MMDadoda
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#60
Dibromochloromethane
Concen: 5.789 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. -0.006 min
Lab File: VY006385.D
Acq: 13 Oct 2021 14:08

Tgt Ion: 129 Resp: 7432
Ion Ratio Lower Upper
129 100
127 74.1 38.7 116.1





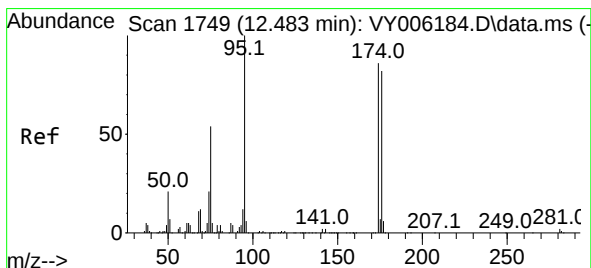
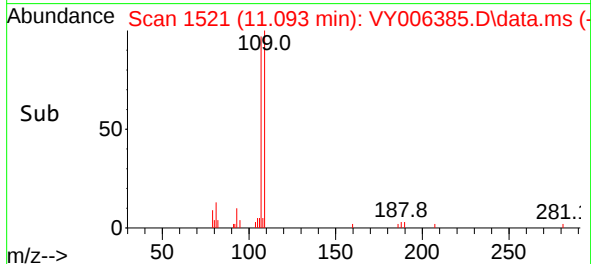
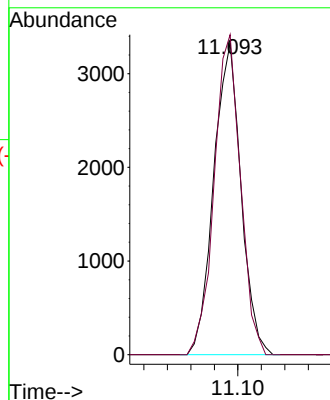
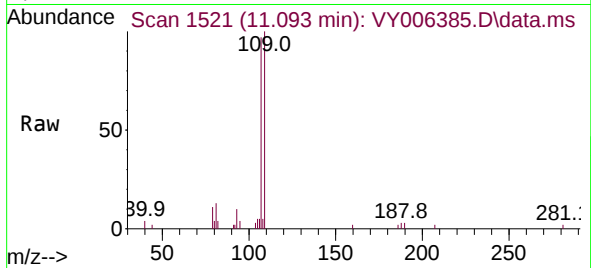
#61
1,2-Dibromoethane
Concen: 5.359 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY006385.D
Acq: 13 Oct 2021 14:08

Tgt Ion: 107 Resp: 5362
Ion Ratio Lower Upper
107 100
109 98.7 75.4 113.2

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021

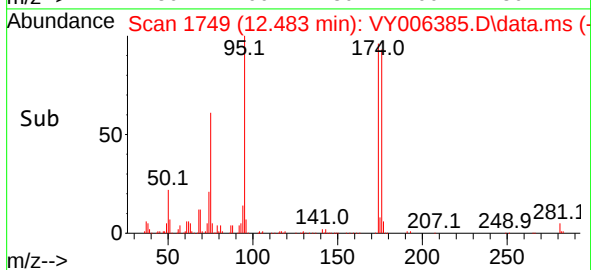
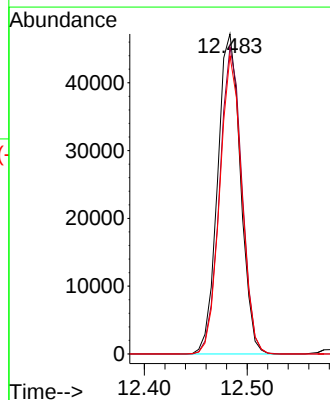
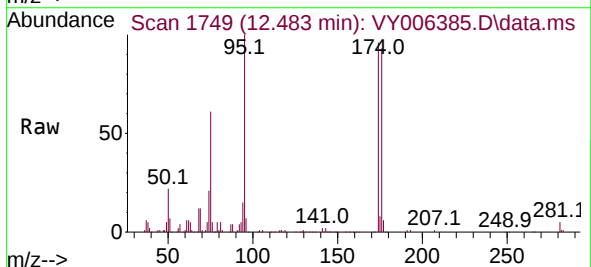
Manual Integrations
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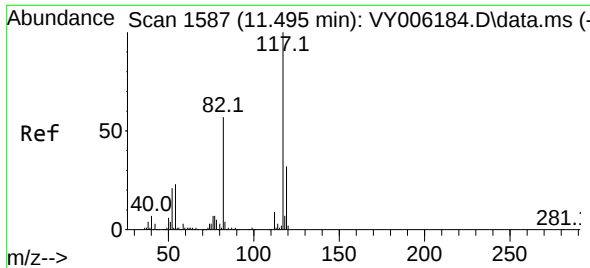
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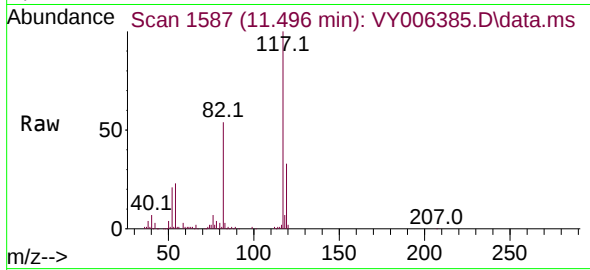
#62
4-Bromofluorobenzene
Concen: 47.288 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY006385.D
Acq: 13 Oct 2021 14:08

Tgt Ion: 95 Resp: 72899
Ion Ratio Lower Upper
95 100
174 93.2 0.0 177.0
176 89.7 0.0 175.8

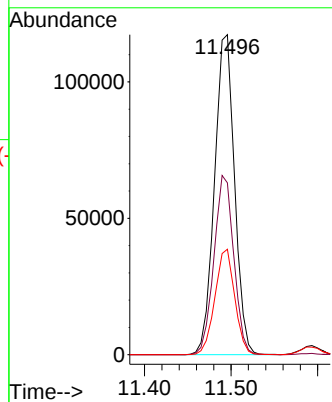
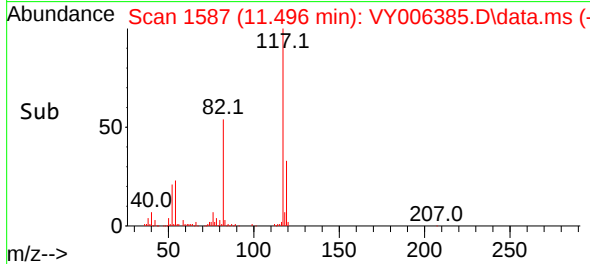




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY006385.D
Acq: 13 Oct 2021 14:08



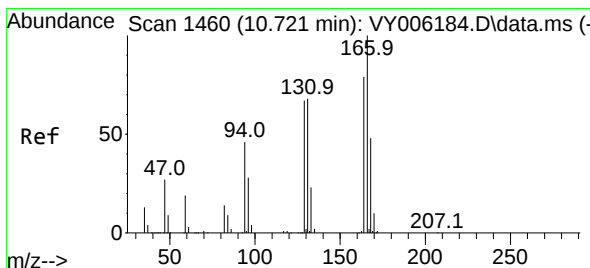
Tgt Ion:117 Resp: 188410
Ion Ratio Lower Upper
117 100
82 53.7 43.0 64.4
119 33.0 25.4 38.0



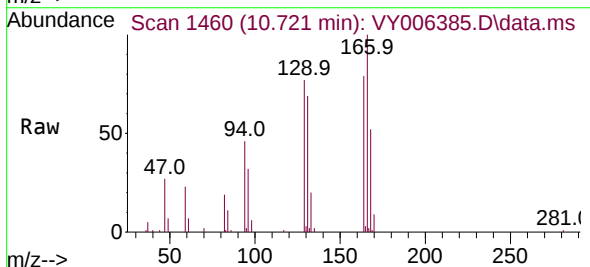
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021

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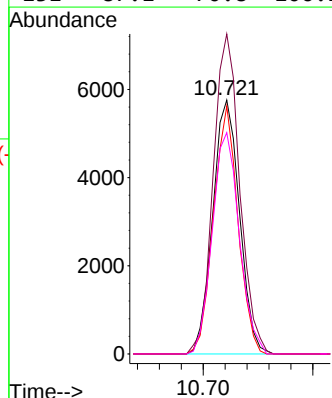
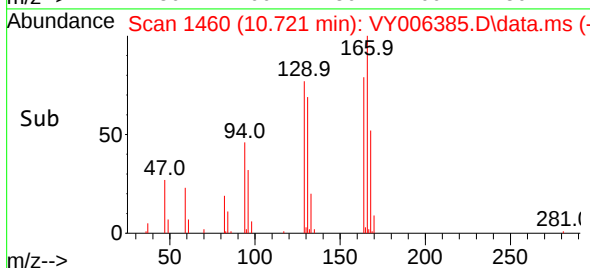
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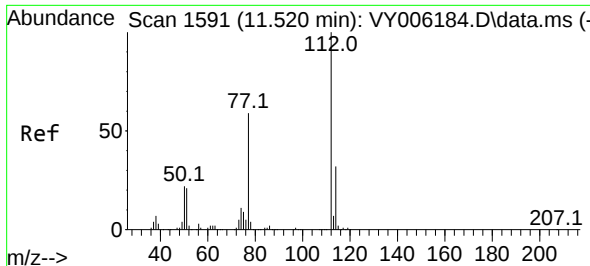


#64
Tetrachloroethene
Concen: 6.439 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY006385.D
Acq: 13 Oct 2021 14:08



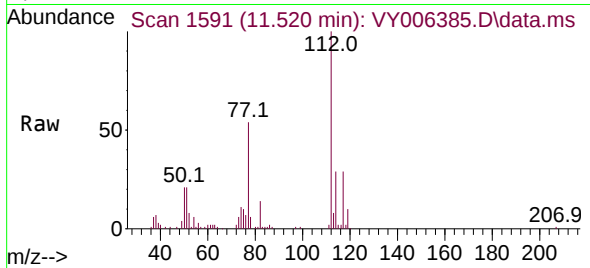
Tgt Ion:164 Resp: 9770
Ion Ratio Lower Upper
164 100
166 126.0 100.4 150.6
129 97.6 71.4 107.0
131 87.1 70.8 106.2





#65
Chlorobenzene
Concen: 5.739 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VY006385.D
Acq: 13 Oct 2021 14:08

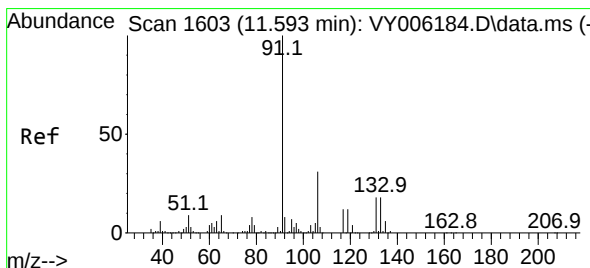
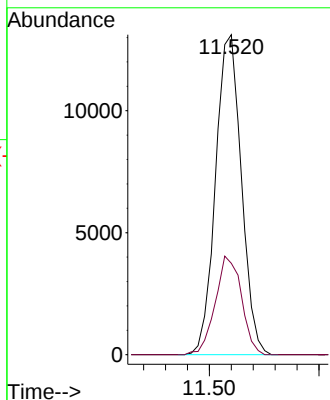
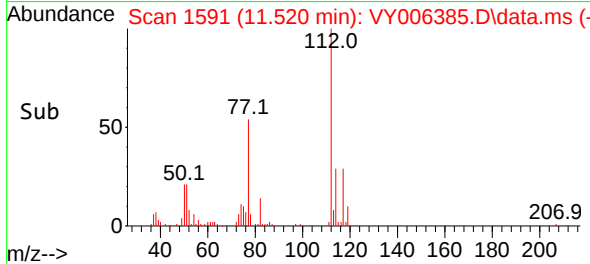
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021



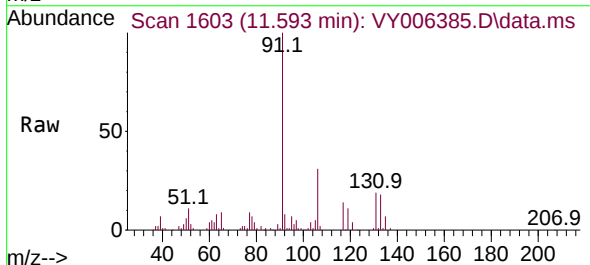
Tgt Ion:112 Resp: 21423
Ion Ratio Lower Upper
112 100
114 28.5 25.8 38.6

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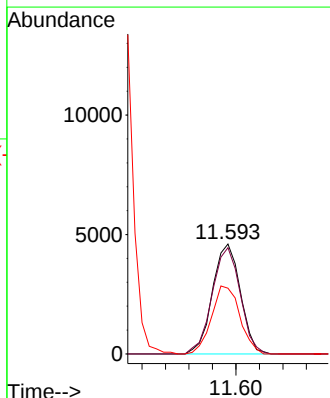
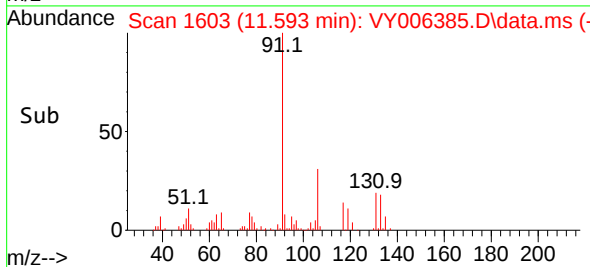
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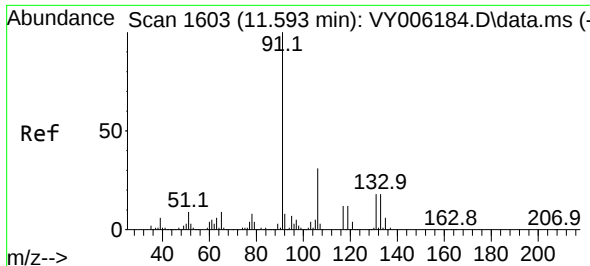


#66
1,1,1,2-Tetrachloroethane
Concen: 5.519 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY006385.D
Acq: 13 Oct 2021 14:08



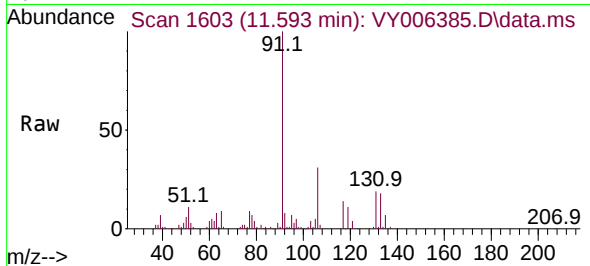
Tgt Ion:131 Resp: 7592
Ion Ratio Lower Upper
131 100
133 97.6 47.9 143.6
119 62.8 30.8 92.3





#67
Ethyl Benzene
Concen: 5.323 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY006385.D
Acq: 13 Oct 2021 14:08

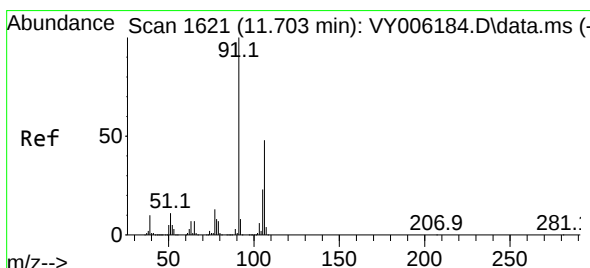
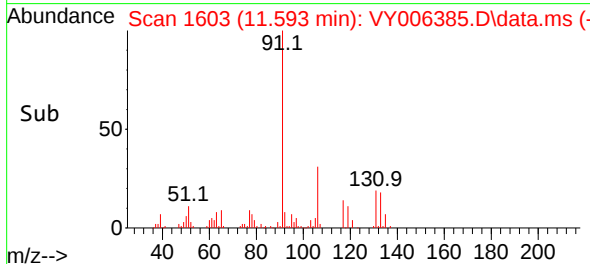
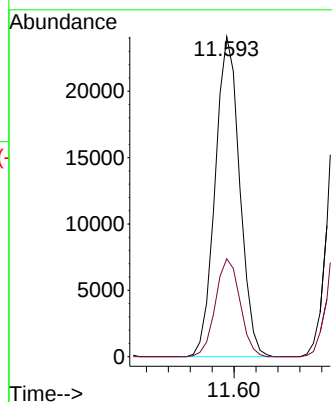
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021



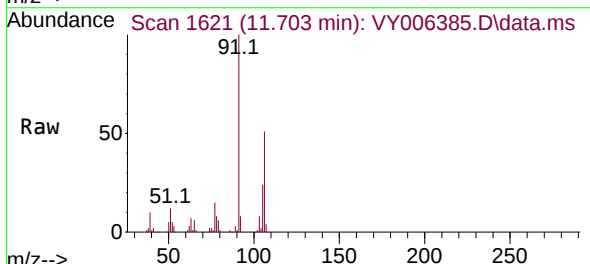
Tgt Ion: 91 Resp: 37454
Ion Ratio Lower Upper
91 100
106 30.6 24.5 36.7

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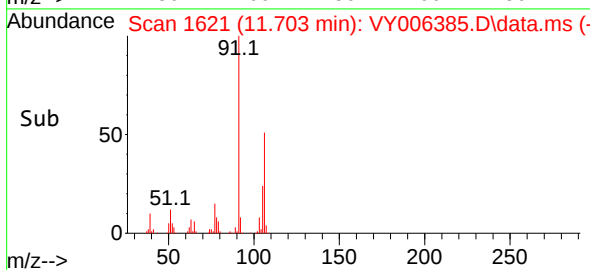
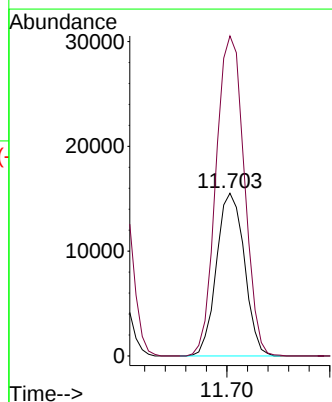
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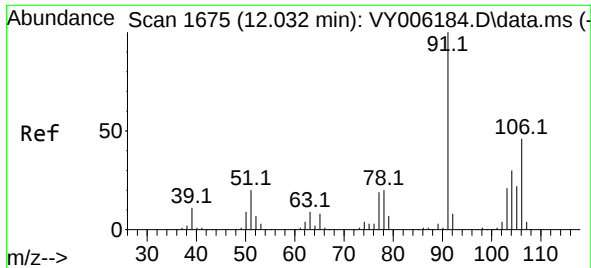


#68
m/p-Xylenes
Concen: 10.941 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY006385.D
Acq: 13 Oct 2021 14:08



Tgt Ion: 106 Resp: 29215
Ion Ratio Lower Upper
106 100
91 199.5 166.6 249.8





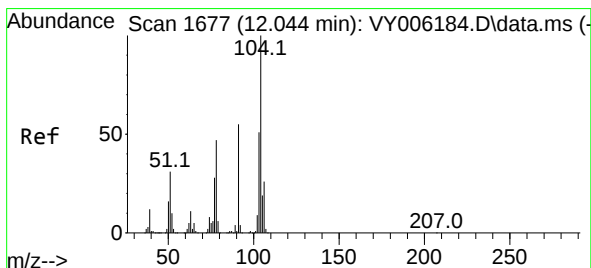
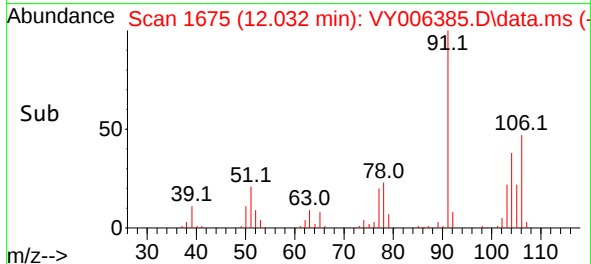
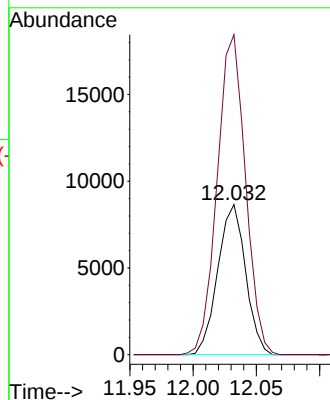
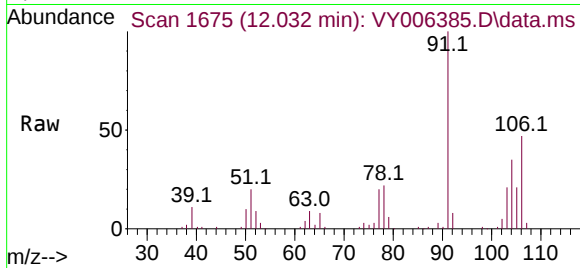
#69
o-Xylene
Concen: 5.248 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY006385.D
Acq: 13 Oct 2021 14:08

Tgt Ion:106 Resp: 13235
Ion Ratio Lower Upper
106 100
91 216.6 110.3 331.0

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021

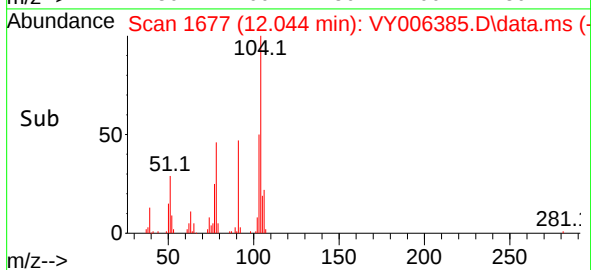
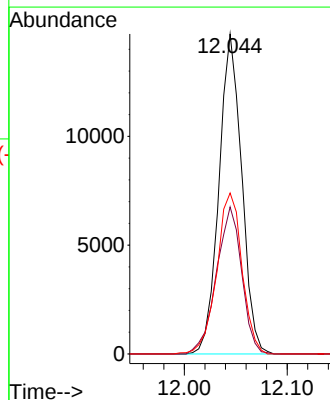
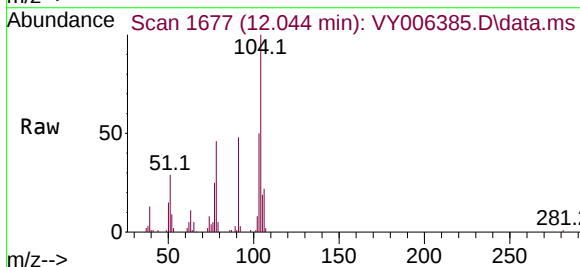
Manual Integrations
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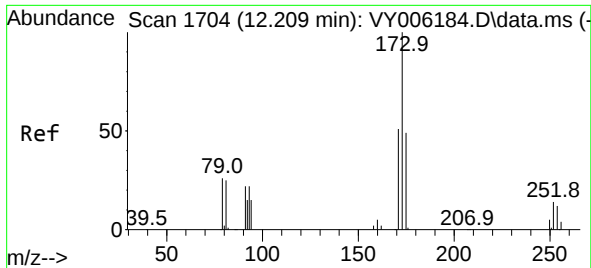
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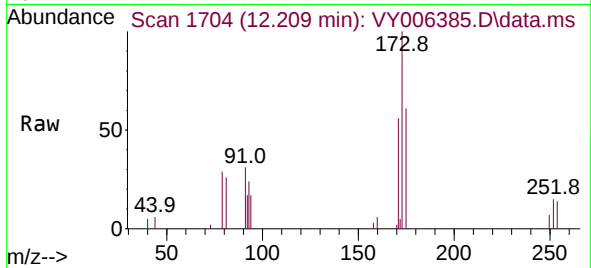
#70
Styrene
Concen: 5.260 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY006385.D
Acq: 13 Oct 2021 14:08

Tgt Ion:104 Resp: 22529
Ion Ratio Lower Upper
104 100
78 51.1 42.4 63.6
103 56.1 44.4 66.6

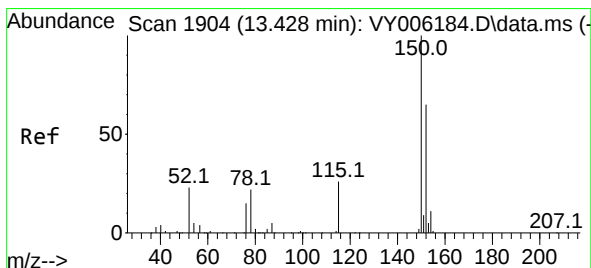
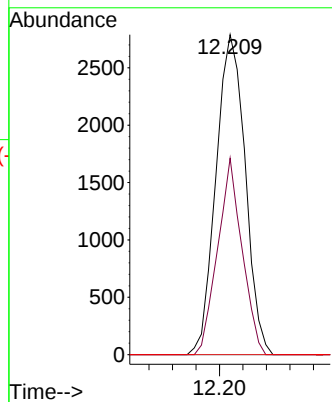
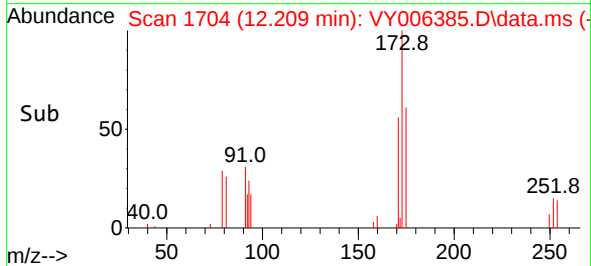




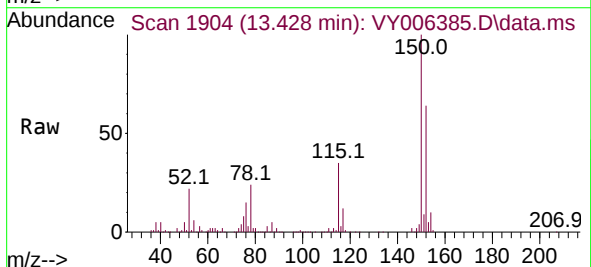
#71
Bromoform
Concen: 5.630 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VY006385.D
Acq: 13 Oct 2021 14:08



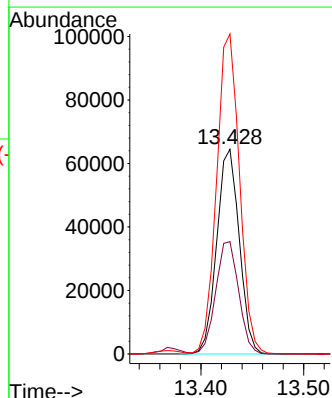
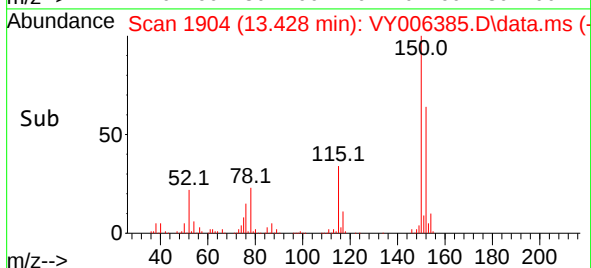
Tgt Ion:173 Resp: 4817
Ion Ratio Lower Upper
173 100
175 51.4 24.6 74.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY006385.D
Acq: 13 Oct 2021 14:08



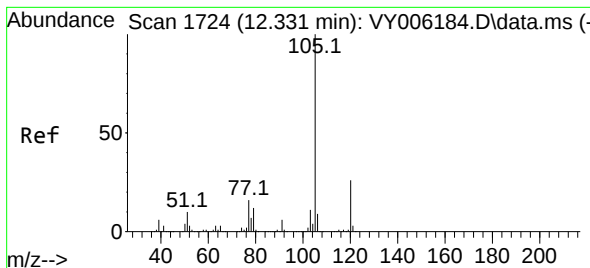
Tgt Ion:152 Resp: 98075
Ion Ratio Lower Upper
152 100
115 56.0 28.2 84.7
150 159.2 0.0 347.6



Instrument :
MSVOA_Y
ClientSampleId :
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#73

Isopropylbenzene

Concen: 5.184 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. 0.000 min

Lab File: VY006385.D

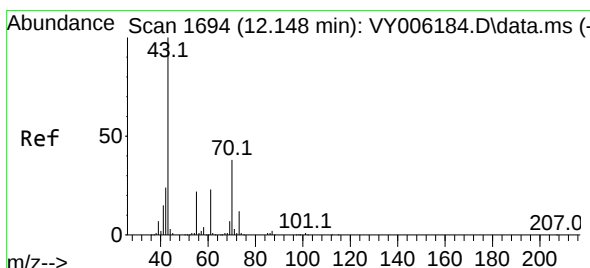
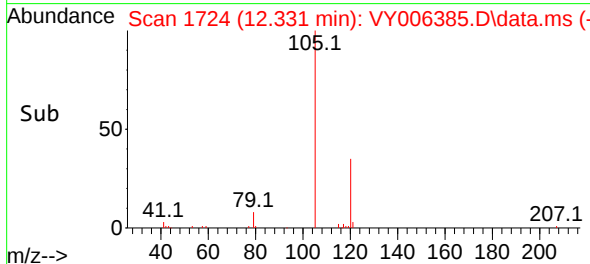
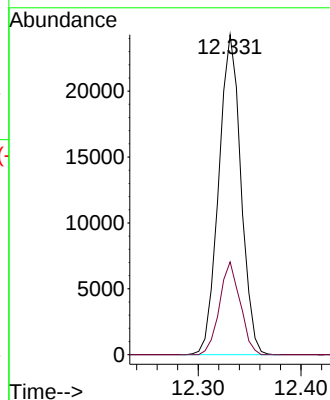
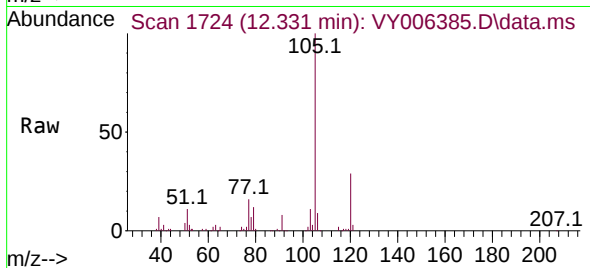
Acq: 13 Oct 2021 14:08

Tgt Ion: 105 Resp: 36416

Ion Ratio Lower Upper

105 100

120 26.9 13.4 40.2



#74

N-ethyl acetate

Concen: 4.995 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.006 min

Lab File: VY006385.D

Acq: 13 Oct 2021 14:08

Tgt Ion: 43 Resp: 10892

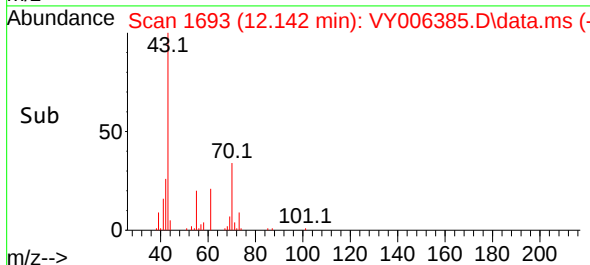
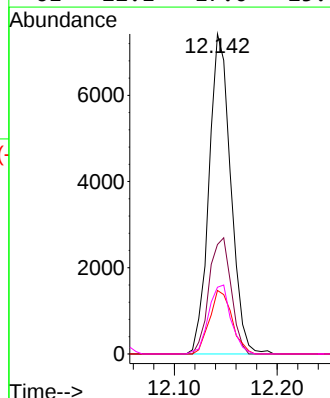
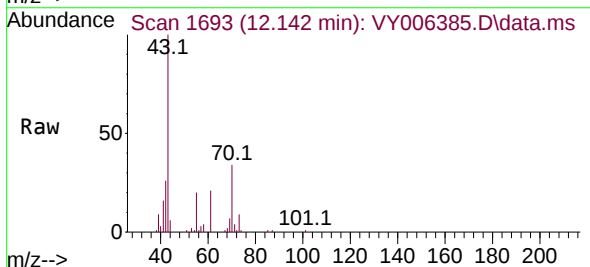
Ion Ratio Lower Upper

43 100

70 36.8 28.7 43.1

55 20.4 17.3 25.9

61 22.1 17.0 25.6



Instrument :

MSVOA_Y

ClientSampleId :

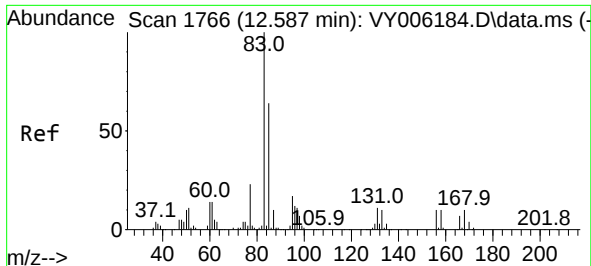
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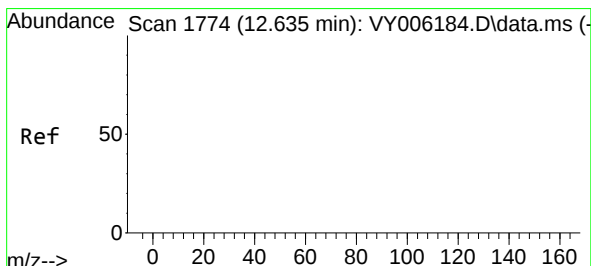
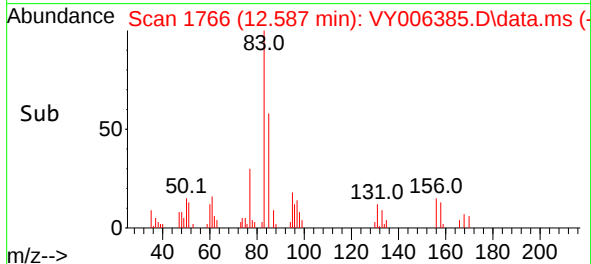
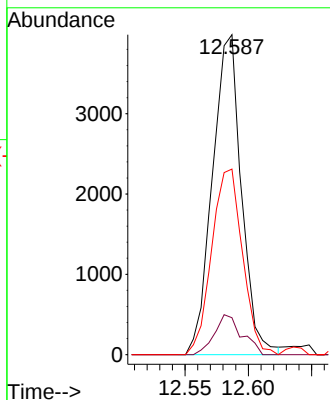
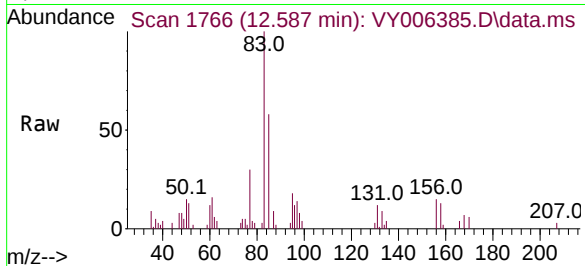
#75
1,1,2,2-Tetrachloroethane
Concen: 5.004 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. 0.000 min
Lab File: VY006385.D
Acq: 13 Oct 2021 14:08

Tgt Ion: 83 Resp: 6349
Ion Ratio Lower Upper
83 100
131 11.8 5.6 16.8
85 61.5 32.3 96.8

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021

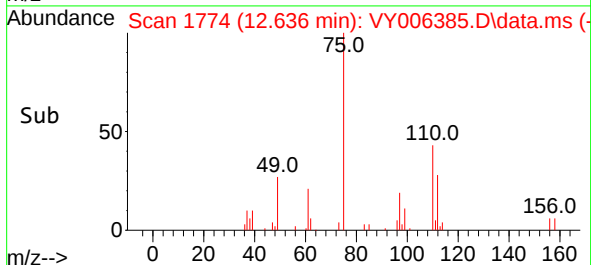
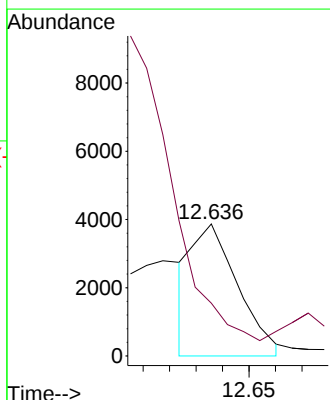
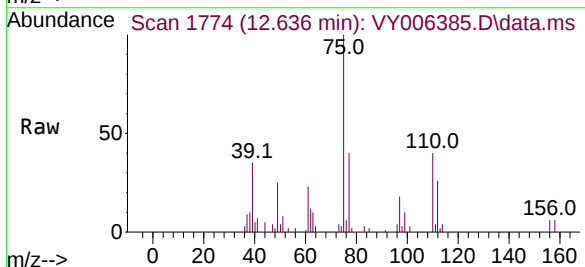
Manual Integrations
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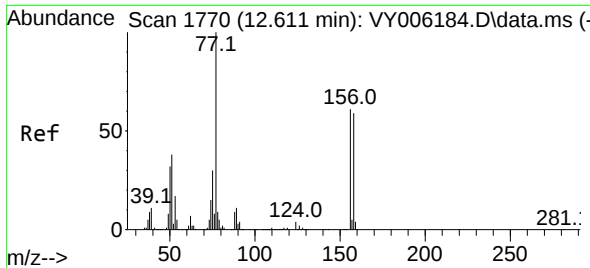
MMDadoda
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#76
1,2,3-Trichloropropane
Concen: 4.932 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY006385.D
Acq: 13 Oct 2021 14:08

Tgt Ion: 75 Resp: 4701
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





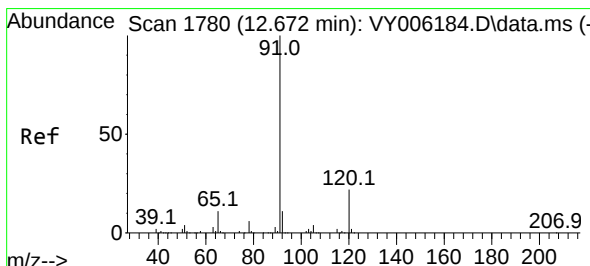
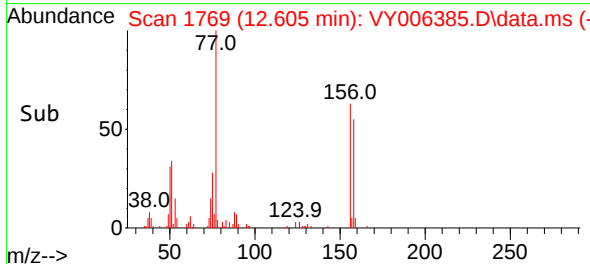
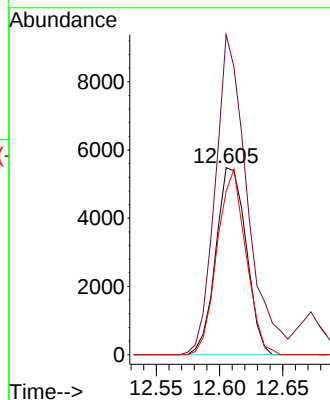
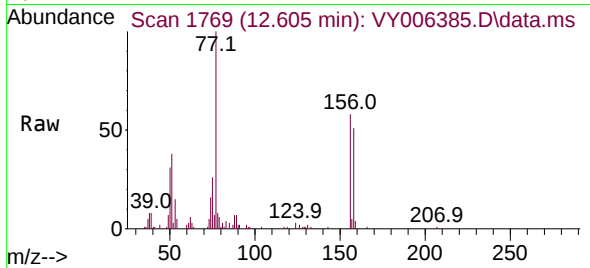
#77
Bromobenzene
Concen: 5.550 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY006385.D
Acq: 13 Oct 2021 14:08

Tgt Ion	Ratio	Lower	Upper
156	100		
77	180.2	95.5	286.4
158	93.9	48.0	144.0

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021

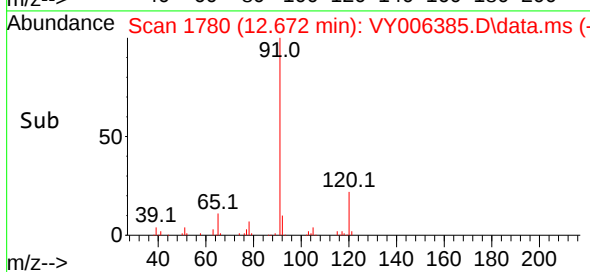
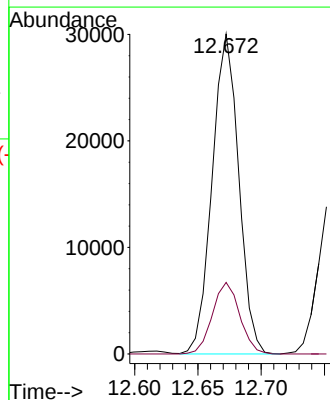
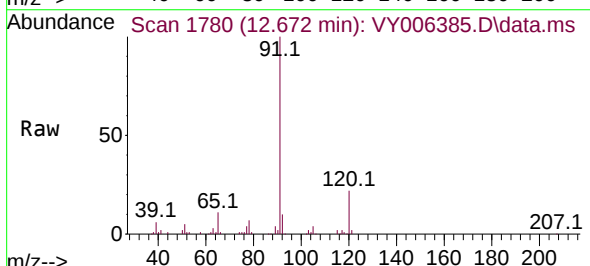
Manual Integrations
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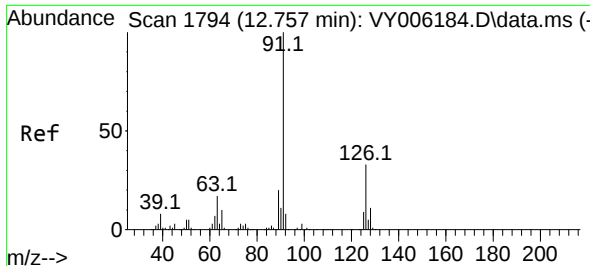
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#78
n-propylbenzene
Concen: 5.074 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY006385.D
Acq: 13 Oct 2021 14:08

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.9	11.3	33.9





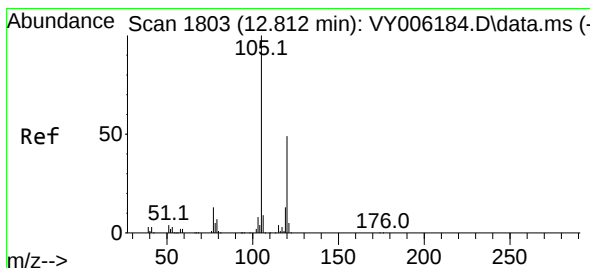
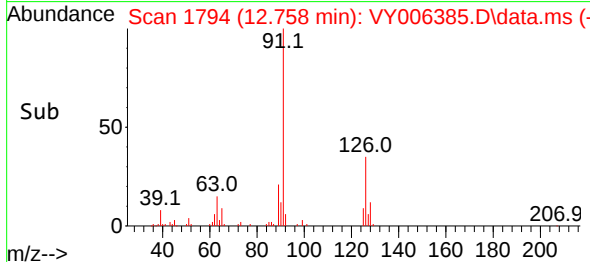
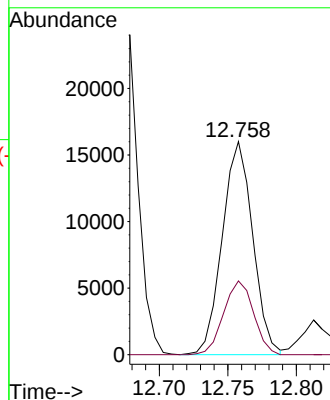
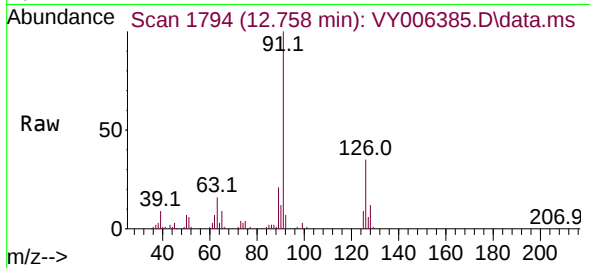
#79
2-Chlorotoluene
Concen: 5.183 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY006385.D
Acq: 13 Oct 2021 14:08

Tgt Ion: 91 Resp: 24803
Ion Ratio Lower Upper
91 100
126 33.9 16.9 50.6

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021

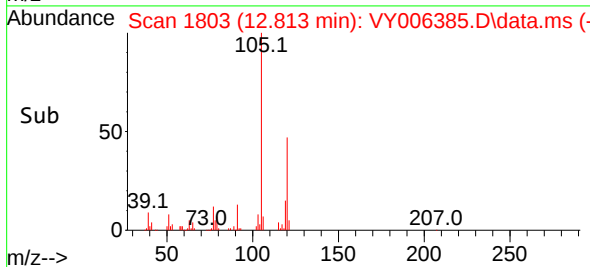
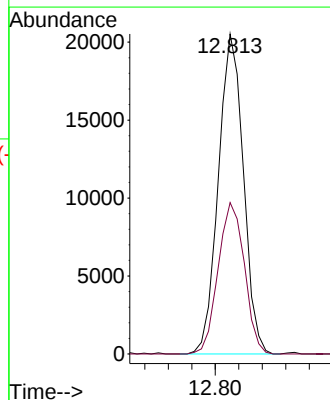
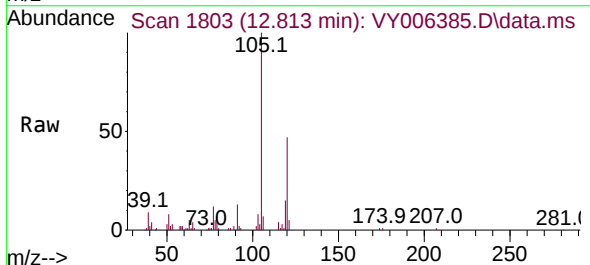
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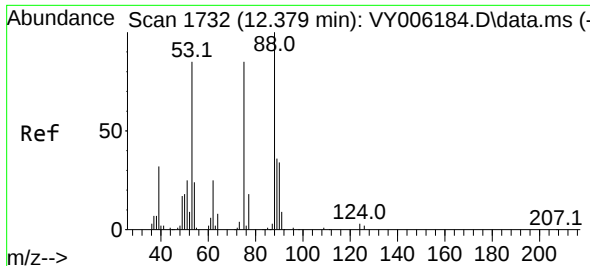
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#80
1,3,5-Trimethylbenzene
Concen: 5.170 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY006385.D
Acq: 13 Oct 2021 14:08

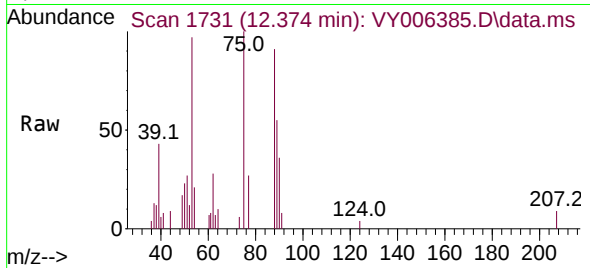
Tgt Ion: 105 Resp: 30368
Ion Ratio Lower Upper
105 100
120 49.6 24.4 73.4





#81
trans-1,4-Dichloro-2-butene
Concen: 4.985 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. -0.006 min
Lab File: VY006385.D
Acq: 13 Oct 2021 14:08

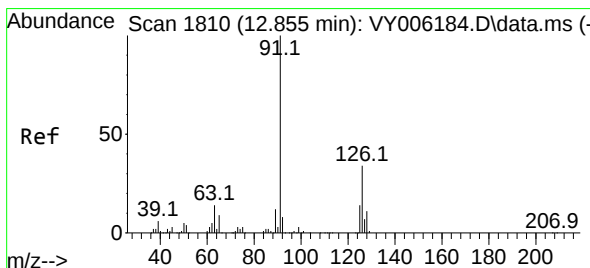
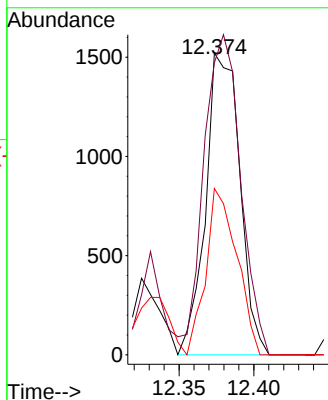
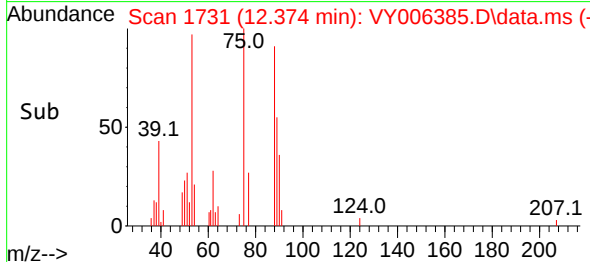
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021



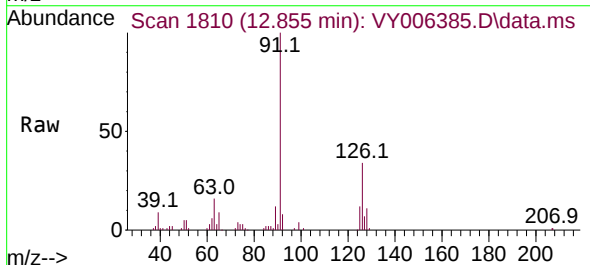
Tgt Ion	Ratio	Lower	Upper
75	100		
53	113.7	85.3	127.9
89	49.8	37.0	55.4

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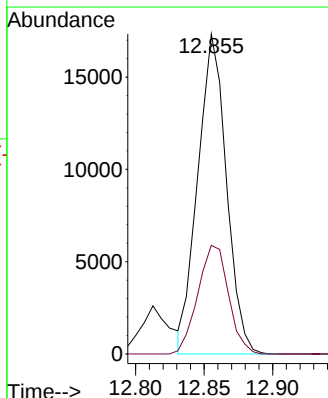
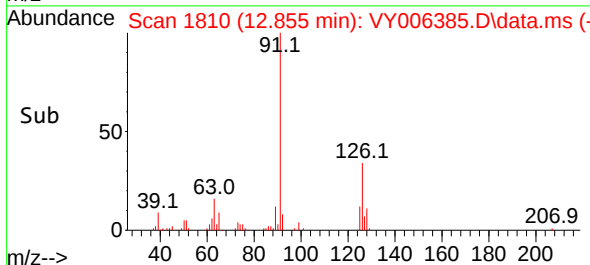
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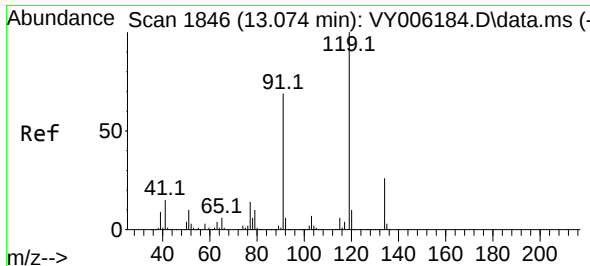


#82
4-Chlorotoluene
Concen: 5.085 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY006385.D
Acq: 13 Oct 2021 14:08

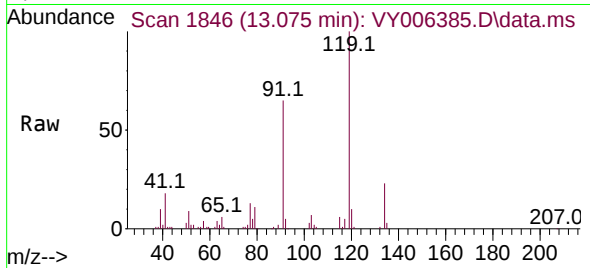


Tgt Ion	Ratio	Lower	Upper
91	100		
126	36.4	17.0	51.0

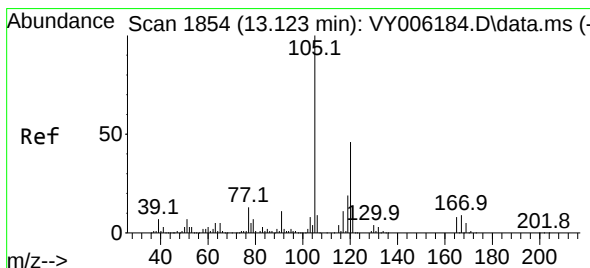
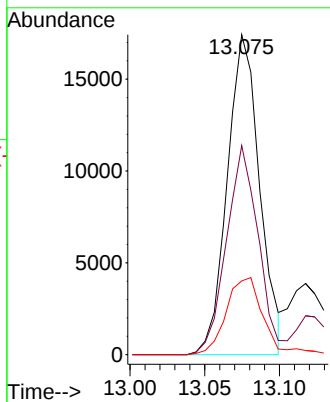
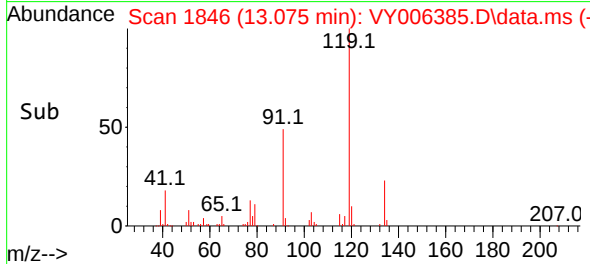




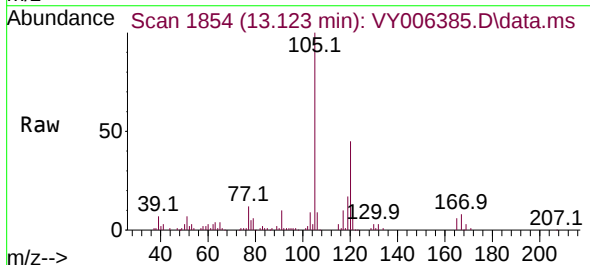
#83
tert-Butylbenzene
Concen: 5.232 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY006385.D
Acq: 13 Oct 2021 14:08



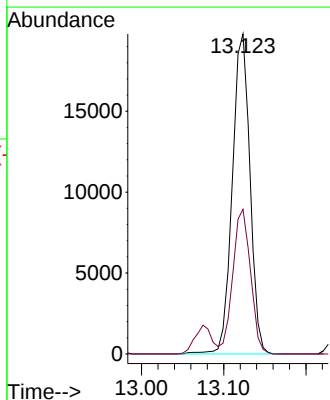
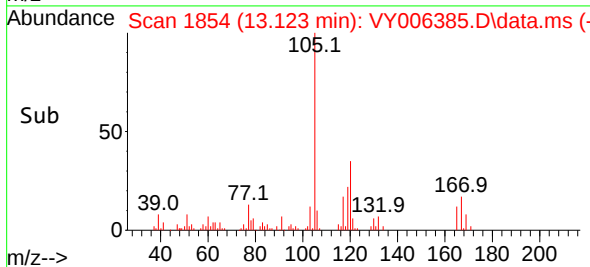
Tgt Ion:119 Resp: 26274
Ion Ratio Lower Upper
119 100
91 64.7 34.8 104.4
134 27.7 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 5.094 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY006385.D
Acq: 13 Oct 2021 14:08



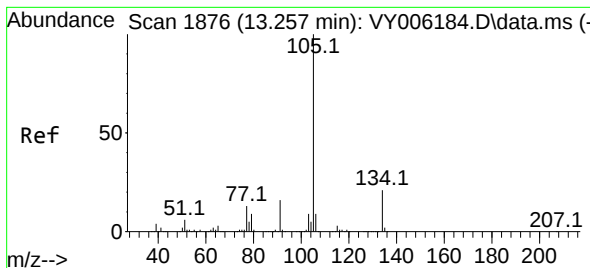
Tgt Ion:105 Resp: 29547
Ion Ratio Lower Upper
105 100
120 45.5 22.3 66.9



Instrument :
MSVOA_Y
ClientSampleId :
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Manual Integrations
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#85

sec-Butylbenzene

Concen: 5.047 ug/l

RT: 13.252 min Scan# 1875

Delta R.T. -0.006 min

Lab File: VY006385.D

Acq: 13 Oct 2021 14:08

Tgt Ion:105 Resp: 38307

Ion Ratio Lower Upper

105 100

134 21.2 10.2 30.4

Instrument :

MSVOA_Y

ClientSampleId :

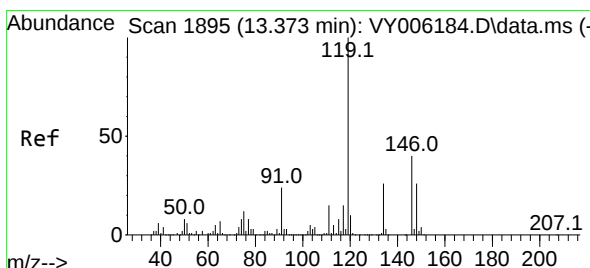
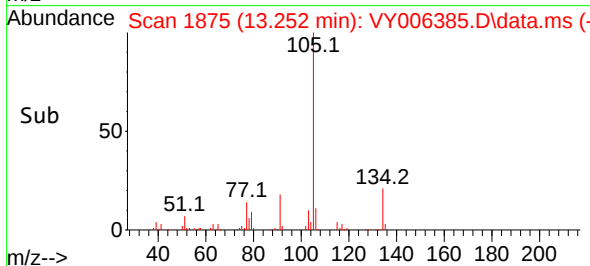
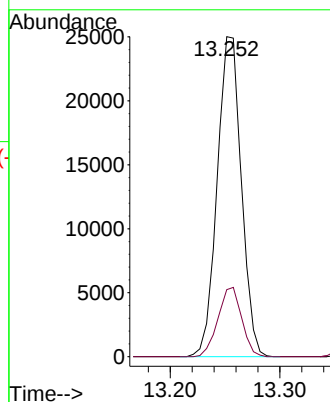
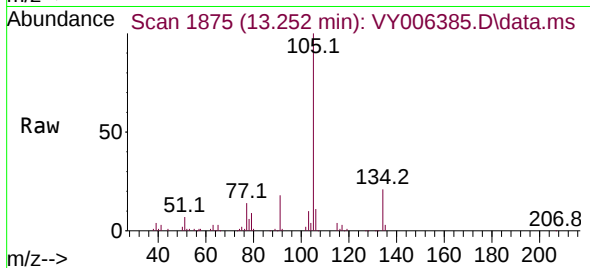
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Manual Integrations

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#86

p-Isopropyltoluene

Concen: 5.059 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.006 min

Lab File: VY006385.D

Acq: 13 Oct 2021 14:08

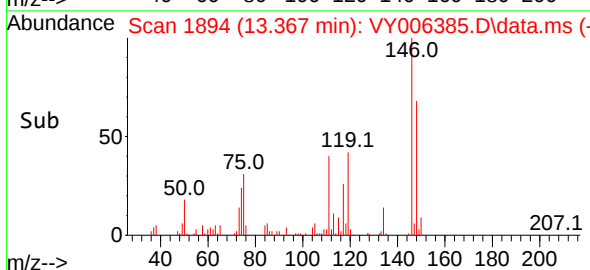
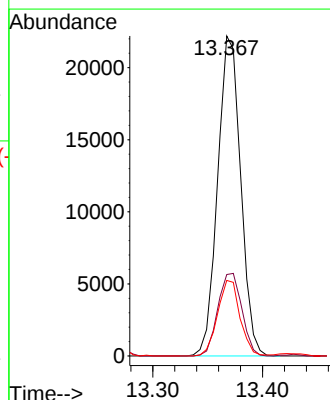
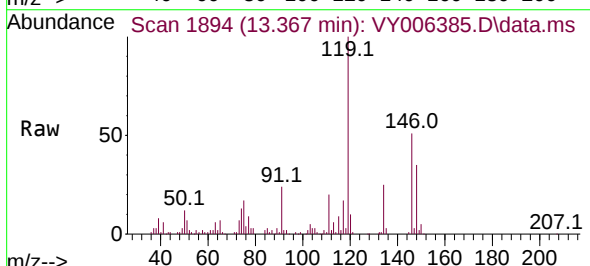
Tgt Ion:119 Resp: 32401

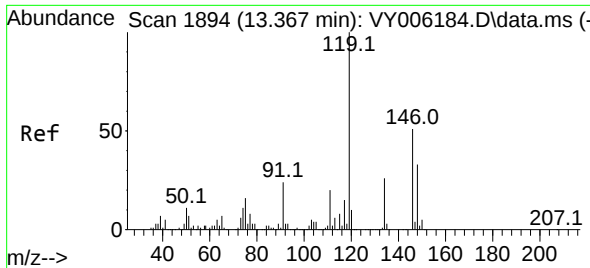
Ion Ratio Lower Upper

119 100

134 26.8 13.2 39.5

91 23.0 12.4 37.2





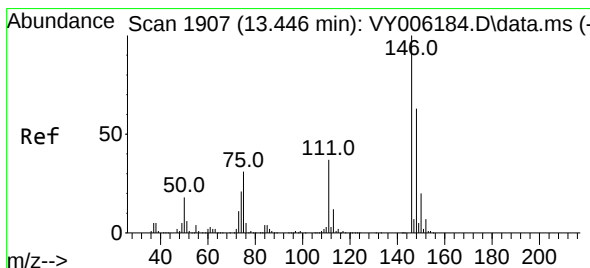
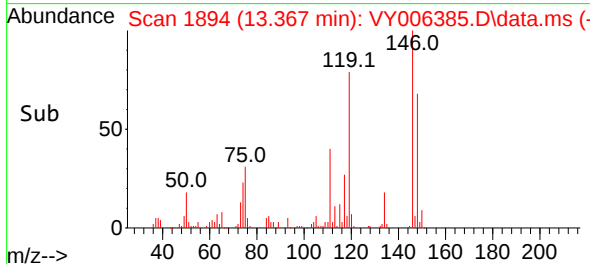
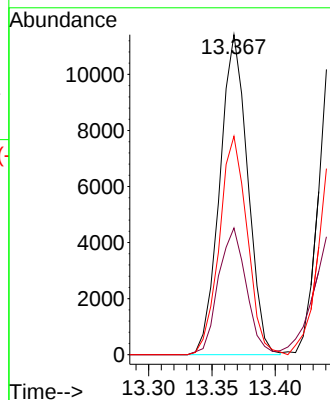
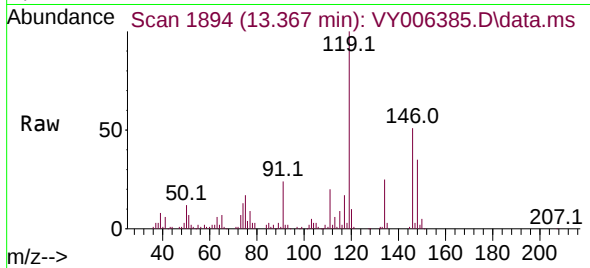
#87
1,3-Dichlorobenzene
Concen: 5.353 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY006385.D
Acq: 13 Oct 2021 14:08

Tgt Ion:146 Resp: 17470
Ion Ratio Lower Upper
146 100
111 39.6 19.5 58.5
148 68.1 31.6 95.0

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021

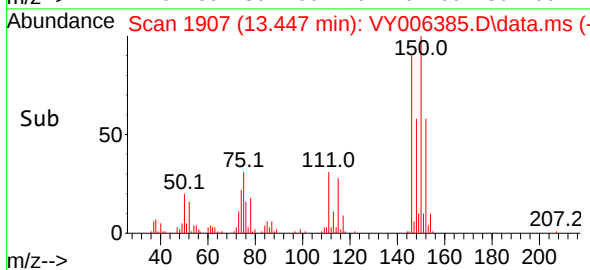
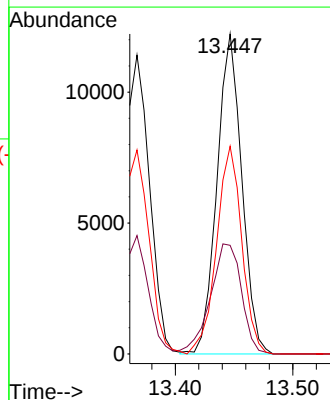
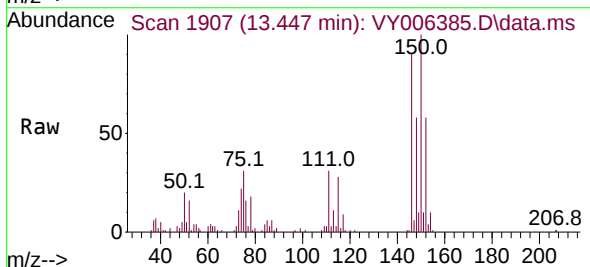
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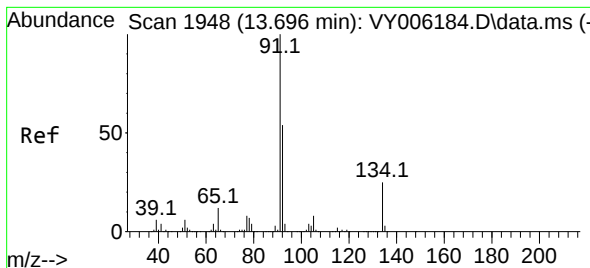
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#88
1,4-Dichlorobenzene
Concen: 5.588 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY006385.D
Acq: 13 Oct 2021 14:08

Tgt Ion:146 Resp: 17982
Ion Ratio Lower Upper
146 100
111 43.1 19.3 57.8
148 66.0 32.6 97.8





#89

n-Butylbenzene

Concen: 4.969 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY006385.D

Acq: 13 Oct 2021 14:08

Tgt Ion:	91	Resp:	30242
Ion	Ratio	Lower	Upper
91	100		
92	53.3	26.3	78.9
134	26.5	13.0	38.9

Instrument :

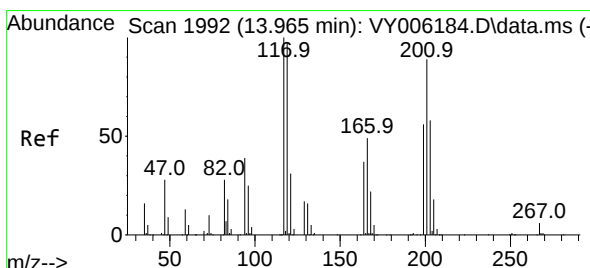
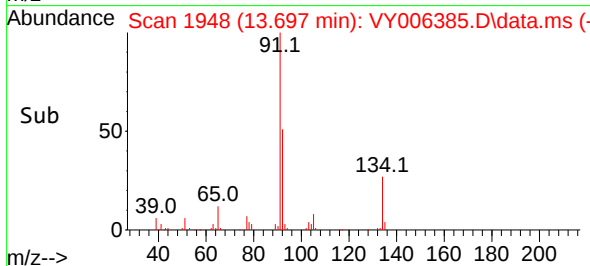
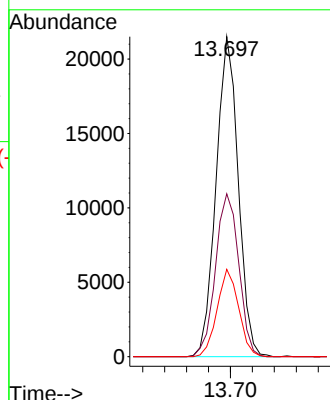
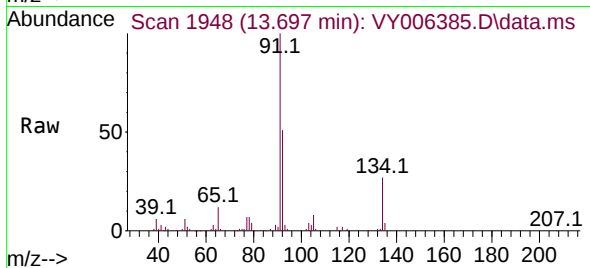
MSVOA_Y

ClientSampleId :

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#90

Hexachloroethane

Concen: 5.436 ug/l

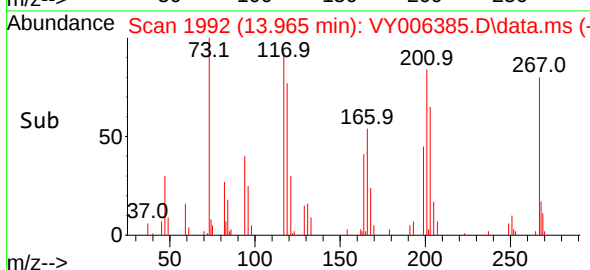
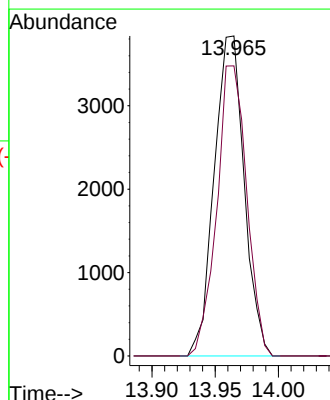
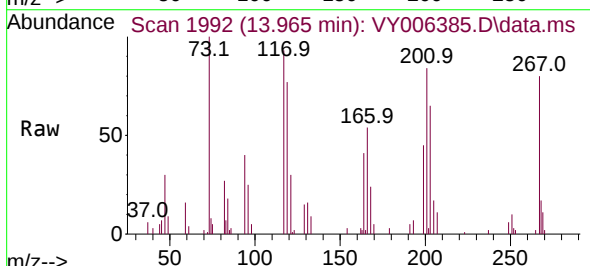
RT: 13.965 min Scan# 1992

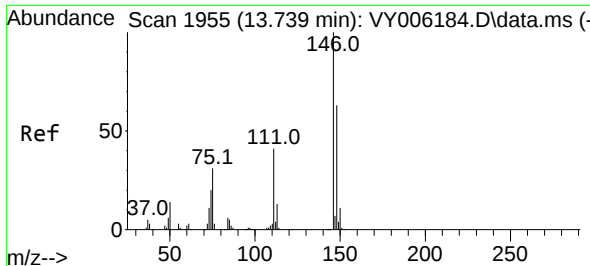
Delta R.T. 0.000 min

Lab File: VY006385.D

Acq: 13 Oct 2021 14:08

Tgt Ion:	117	Resp:	6322
Ion	Ratio	Lower	Upper
117	100		
201	90.5	43.0	128.8





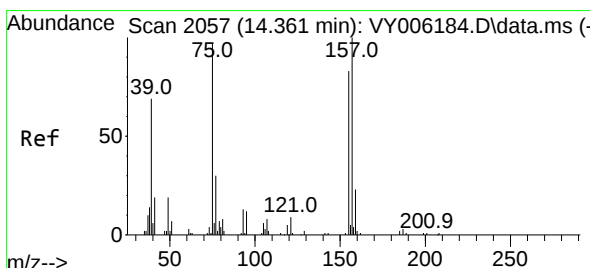
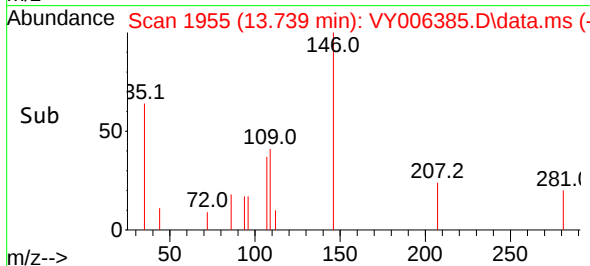
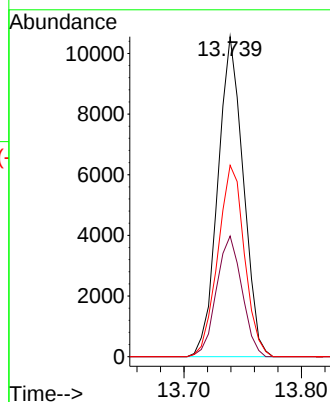
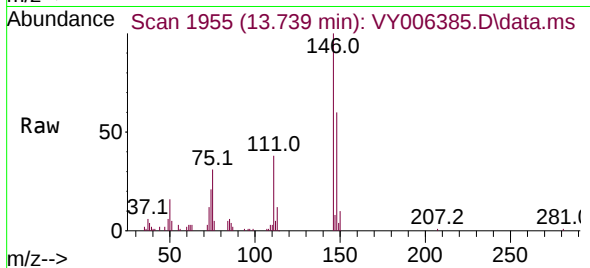
#91
1,2-Dichlorobenzene
Concen: 5.557 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY006385.D
Acq: 13 Oct 2021 14:08

Tgt Ion:	146	Resp:	15857
Ion Ratio	Lower	Upper	
146	100		
111	37.7	20.3	60.9
148	62.5	32.3	96.9

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021

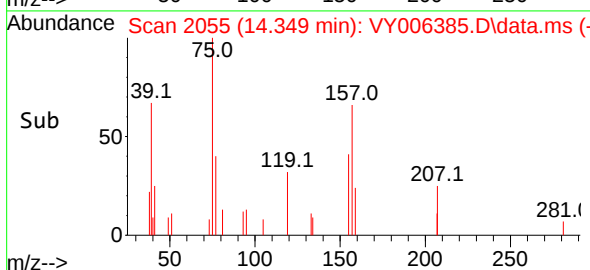
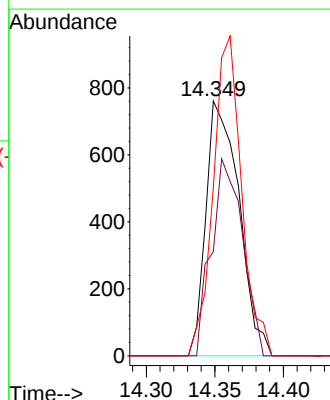
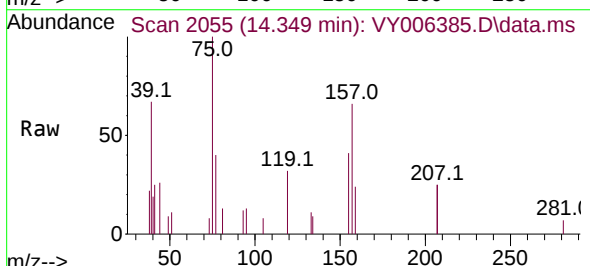
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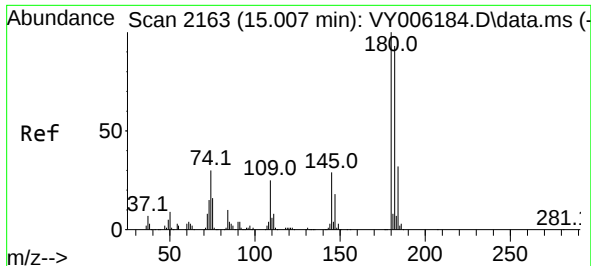
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#92
1,2-Dibromo-3-Chloropropane
Concen: 5.275 ug/l
RT: 14.349 min Scan# 2055
Delta R.T. -0.012 min
Lab File: VY006385.D
Acq: 13 Oct 2021 14:08

Tgt Ion:	75	Resp:	1275
Ion Ratio	Lower	Upper	
75	100		
155	72.9	38.0	113.9
157	107.7	47.8	143.3





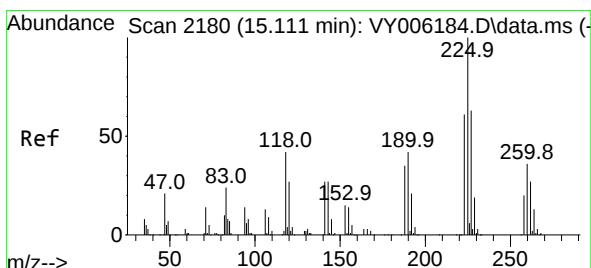
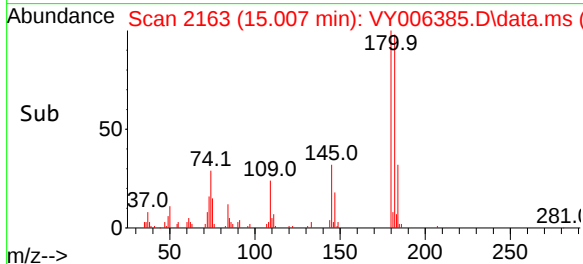
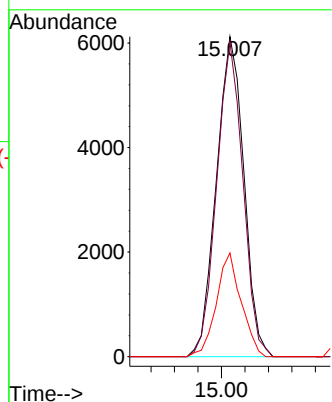
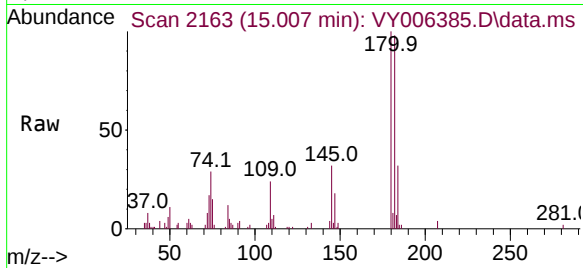
#93
1,2,4-Trichlorobenzene
Concen: 5.264 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY006385.D
Acq: 13 Oct 2021 14:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	47.3	141.9
145	29.3	14.6	43.8

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021

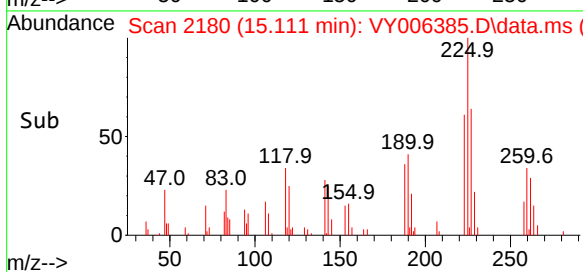
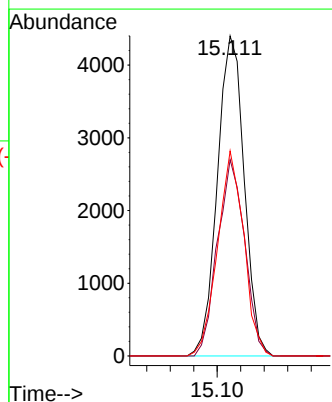
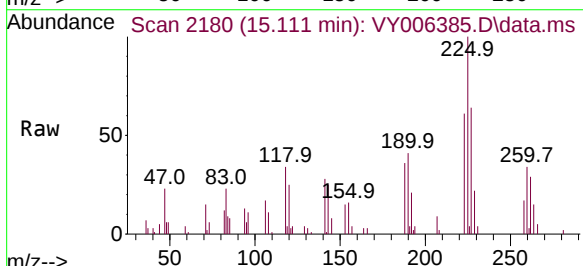
Manual Integrations
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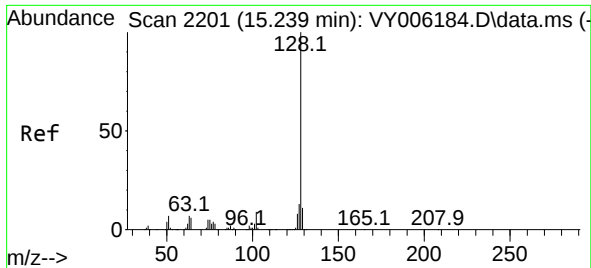
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#94
Hexachlorobutadiene
Concen: 5.682 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. 0.000 min
Lab File: VY006385.D
Acq: 13 Oct 2021 14:08

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	30.8	92.3
227	62.4	31.6	94.7





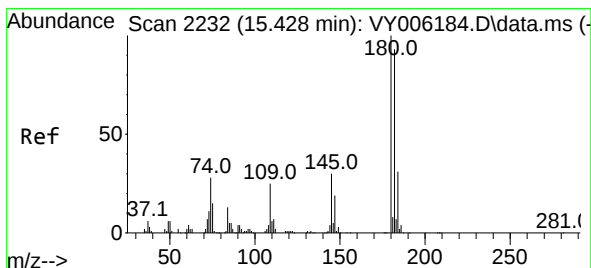
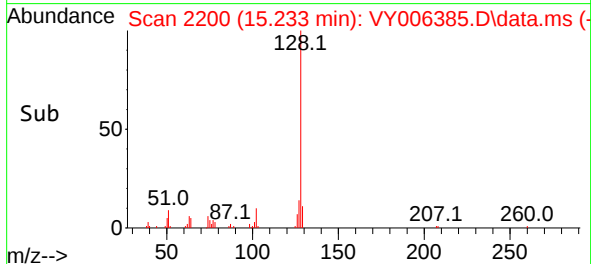
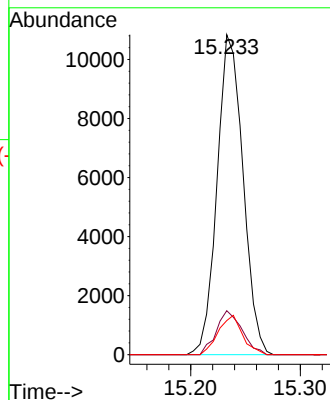
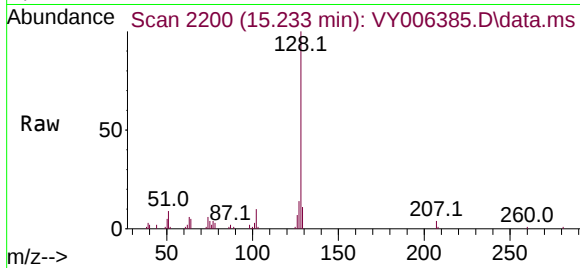
#95
Naphthalene
Concen: 4.754 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.006 min
Lab File: VY006385.D
Acq: 13 Oct 2021 14:08

Tgt Ion:	128	Resp:	17812
Ion Ratio	Lower	Upper	
128	100		
127	13.7	11.0	16.4
129	11.5	8.4	12.6

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT4-2021

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#96
1,2,3-Trichlorobenzene
Concen: 5.356 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.000 min
Lab File: VY006385.D
Acq: 13 Oct 2021 14:08

Tgt Ion:	180	Resp:	8952
Ion Ratio	Lower	Upper	
180	100		
182	90.7	47.3	141.9
145	28.4	15.3	45.9

