

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062122\
 Data File : VY009260.D
 Acq On : 21 Jun 2022 16:46
 Operator : KP/MD
 Sample : N3214-01 2.5PPB
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2022 2.5PPB

Quant Time: Jun 22 06:52:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062122S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 22 06:52:17 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/23/2022
 Supervised By :Semsettin Yesilyurt 06/23/2022

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	163653	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	267306	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	242117	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	117425	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	88159	49.049	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.100%		
35) Dibromofluoromethane	7.710	113	84873	49.027	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.060%		
50) Toluene-d8	10.173	98	321645	48.367	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	96.740%		
62) 4-Bromofluorobenzene	12.477	95	111615	47.764	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	95.520%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	3612	3.012	ug/l	98
3) Chloromethane	2.107	50	4093	2.781	ug/l #	78
4) Vinyl Chloride	2.247	62	4223	2.584	ug/l	93
5) Bromomethane	2.644	94	3859	3.386	ug/l	92
6) Chloroethane	2.784	64	2799	2.572	ug/l	96
7) Trichlorofluoromethane	3.119	101	6765	2.607	ug/l	90
8) Diethyl Ether	3.522	74	2696	2.830	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.881	101	4571	2.771	ug/l	93
10) Methyl Iodide	4.088	142	4586	2.276	ug/l	92
11) Tert butyl alcohol	4.924	59	7990	23.749	ug/l #	82
12) 1,1-Dichloroethene	3.863	96	4440	2.832	ug/l #	72
13) Acrolein	3.729	56	650	8.707	ug/l	84
14) Allyl chloride	4.466	41	7174	2.547	ug/l	95
15) Acrylonitrile	5.161	53	6822	12.840	ug/l	97
16) Acetone	3.936	43	6966	15.686	ug/l	97
17) Carbon Disulfide	4.180	76	11041	2.535	ug/l	97
18) Methyl Acetate	4.473	43	6079	3.989	ug/l	100
19) Methyl tert-butyl Ether	5.204	73	12053	2.558	ug/l	97
20) Methylene Chloride	4.704	84	23265	7.914	ug/l	90
21) trans-1,2-Dichloroethene	5.216	96	4518	2.432	ug/l	80
22) Diisopropyl ether	6.119	45	14839	2.507	ug/l #	93
23) Vinyl Acetate	6.052	43	36769	10.116	ug/l	97
24) 1,1-Dichloroethane	6.015	63	8921	2.662	ug/l #	94
25) 2-Butanone	6.984	43	10246	14.287	ug/l #	90
26) 2,2-Dichloropropane	6.984	77	9261	2.940	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	5292	2.429	ug/l	95
28) Bromochloromethane	7.326	49	4495	3.109	ug/l #	97
29) Tetrahydrofuran	7.344	42	6355	13.993	ug/l	97
30) Chloroform	7.503	83	8728	2.530	ug/l	97
31) Cyclohexane	7.777	56	10433	3.344	ug/l #	64
32) 1,1,1-Trichloroethane	7.698	97	7463	2.478	ug/l	99
36) 1,1-Dichloropropene	7.911	75	7160	2.718	ug/l	95
37) Ethyl Acetate	7.070	43	4295	2.696	ug/l #	81
38) Carbon Tetrachloride	7.899	117	6499	2.372	ug/l	96
39) Methylcyclohexane	9.173	83	7979	2.468	ug/l	87
40) Benzene	8.155	78	19016	2.440	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	2515	2.847	ug/l #	48
42) 1,2-Dichloroethane	8.234	62	5686	2.542	ug/l	94
43) Isopropyl Acetate	8.265	43	7291	2.497	ug/l #	88
44) Trichloroethene	8.935	130	5912	2.694	ug/l	85
45) 1,2-Dichloropropane	9.210	63	4920	2.450	ug/l	100
46) Dibromomethane	9.301	93	2836	2.484	ug/l	98
47) Bromodichloromethane	9.496	83	6724	2.480	ug/l #	84
48) Methyl methacrylate	9.283	41	3259	2.547	ug/l	88
49) 1,4-Dioxane	9.301	88	767	46.746	ug/l #	89
51) 4-Methyl-2-Pentanone	10.063	43	19725	12.990	ug/l	94
52) Toluene	10.240	92	12640	2.566	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	6727	2.386	ug/l	91
54) cis-1,3-Dichloropropene	9.923	75	7776	2.423	ug/l	92
55) 1,1,2-Trichloroethane	10.642	97	4056	2.531	ug/l	94
56) Ethyl methacrylate	10.502	69	4876	2.300	ug/l	91
57) 1,3-Dichloropropane	10.788	76	7041	2.567	ug/l	94
58) 2-Chloroethyl Vinyl ether	9.776	63	13102	14.406	ug/l	95
59) 2-Hexanone	10.831	43	12487	12.151	ug/l	93
60) Dibromochloromethane	10.977	129	4625	2.366	ug/l	95
61) 1,2-Dibromoethane	11.087	107	3681	2.356	ug/l	99
64) Tetrachloroethene	10.721	164	6613	2.831	ug/l	89
65) Chlorobenzene	11.514	112	14108	2.587	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.581	131	4622	2.318	ug/l	88
67) Ethyl Benzene	11.587	91	24046	2.544	ug/l	92
68) m/p-Xylenes	11.697	106	18686	5.038	ug/l	93
69) o-Xylene	12.026	106	8988	2.548	ug/l	88
70) Styrene	12.038	104	14036	2.399	ug/l	93
71) Bromoform	12.203	173	2899	2.352	ug/l #	98
73) Isopropylbenzene	12.325	105	22285	2.419	ug/l	98
74) N-amyl acetate	12.142	43	5734	2.330	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	4711	2.688	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	2631m	1.911	ug/l	
77) Bromobenzene	12.605	156	5991	2.677	ug/l	94
78) n-propylbenzene	12.666	91	29025	2.615	ug/l	97
79) 2-Chlorotoluene	12.752	91	16438	2.629	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	19237	2.515	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	1635m	2.518	ug/l	
82) 4-Chlorotoluene	12.855	91	16972	2.603	ug/l	92
83) tert-Butylbenzene	13.075	119	17398	2.608	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	18765	2.504	ug/l	96
85) sec-Butylbenzene	13.251	105	26177	2.622	ug/l	100
86) p-Isopropyltoluene	13.367	119	20608	2.483	ug/l	96
87) 1,3-Dichlorobenzene	13.361	146	12642	2.923	ug/l	97
88) 1,4-Dichlorobenzene	13.440	146	12719	2.931	ug/l	93
89) n-Butylbenzene	13.690	91	19886	2.573	ug/l	97
90) Hexachloroethane	13.959	117	4020	2.554	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	10543	2.713	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.349	75	1097	3.514	ug/l	89
93) 1,2,4-Trichlorobenzene	15.007	180	6496	2.732	ug/l	99
94) Hexachlorobutadiene	15.105	225	3726	2.913	ug/l	99
95) Naphthalene	15.233	128	12173	2.552	ug/l	98
96) 1,2,3-Trichlorobenzene	15.416	180	5612	2.762	ug/l	96

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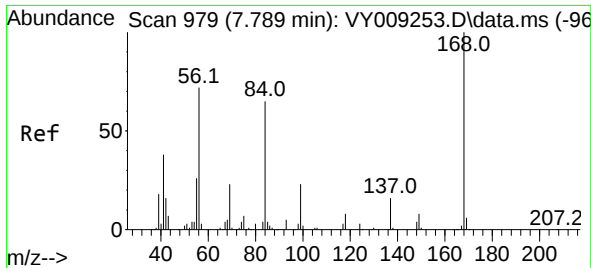
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

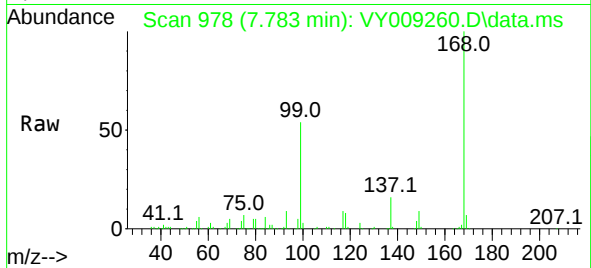
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

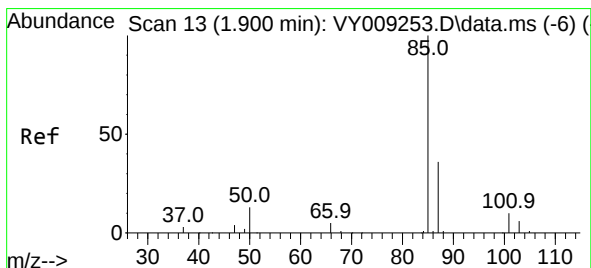
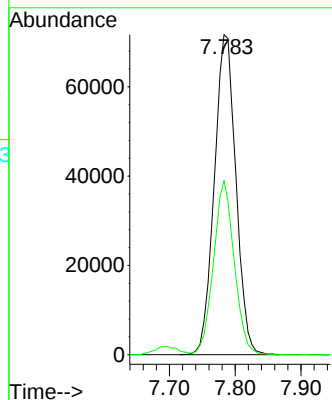
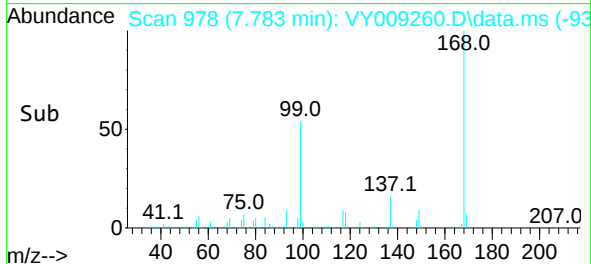
Instrument :
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LOD-MDL-SOIL-01-QT2-2022 2.5PPB



Tgt Ion:168 Resp: 16365
Ion Ratio Lower Upper
168 100
99 54.2 46.9 70.3

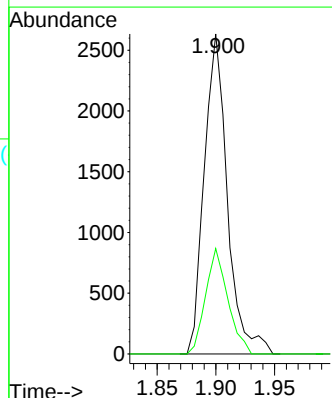
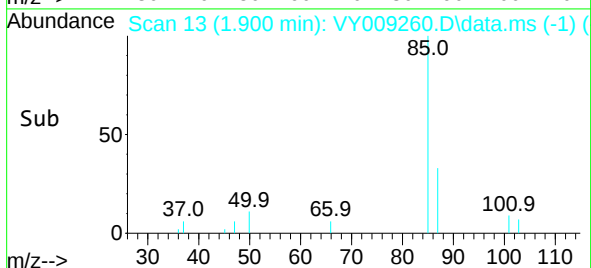
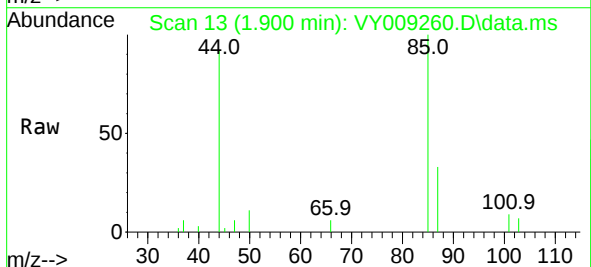
Manual Integrations
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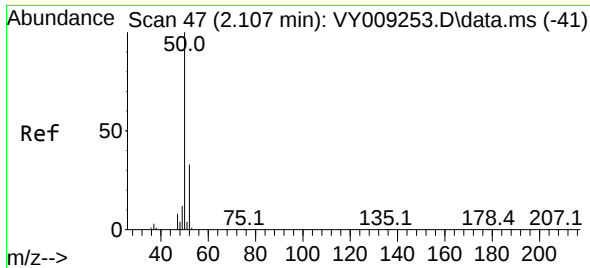
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#2
Dichlorodifluoromethane
Concen: 3.012 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

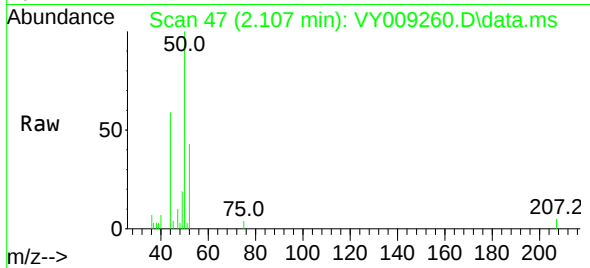
Tgt Ion: 85 Resp: 3612
Ion Ratio Lower Upper
85 100
87 33.0 16.1 48.2





#3
Chloromethane
Concen: 2.781 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

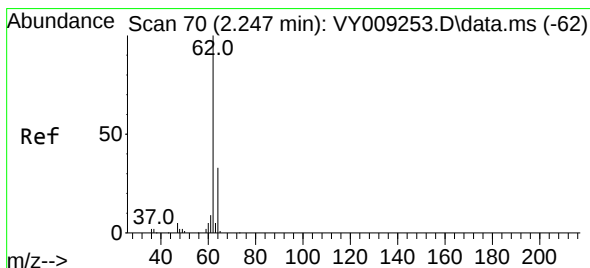
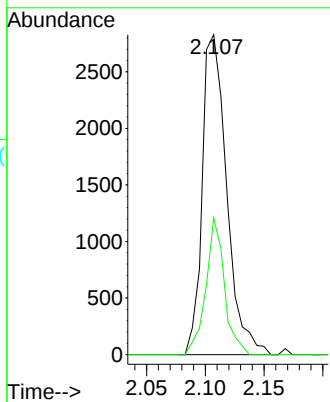
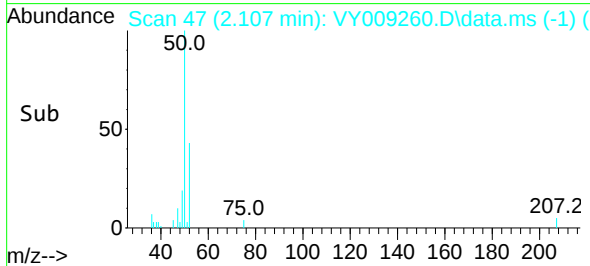
Instrument : MSVOA_Y
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LOD-MDL-SOIL-01-QT2-2022 2.5PPB



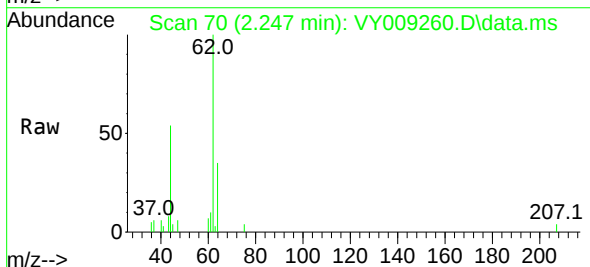
Tgt Ion: 50 Resp: 409
Ion Ratio Lower Upper
50 100
52 42.7 24.6 37.0

Manual Integrations
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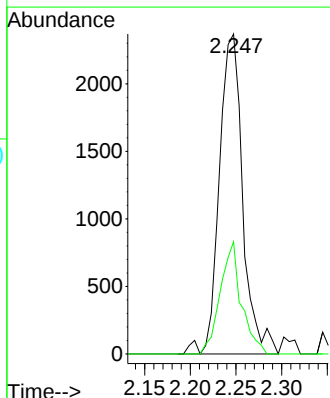
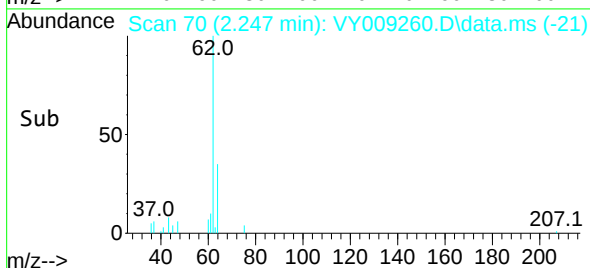
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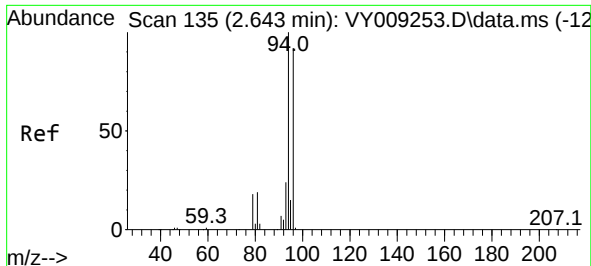


#4
Vinyl Chloride
Concen: 2.584 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46



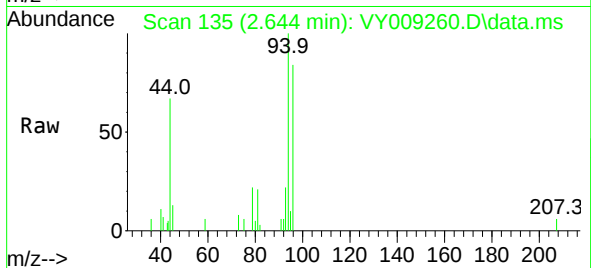
Tgt Ion: 62 Resp: 4223
Ion Ratio Lower Upper
62 100
64 35.0 25.0 37.6





#5
Bromomethane
Concen: 3.386 ug/l
RT: 2.644 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

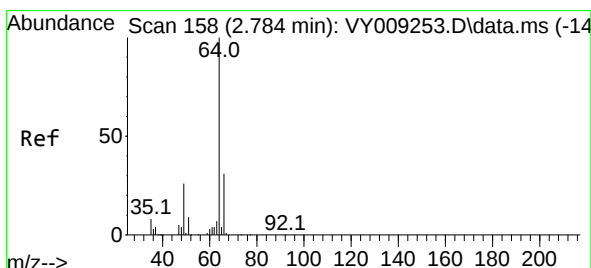
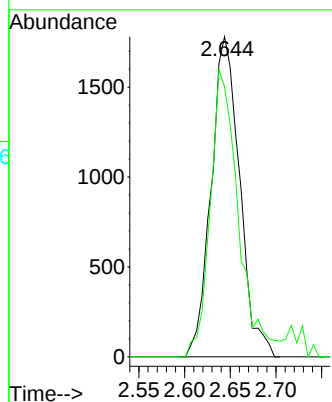
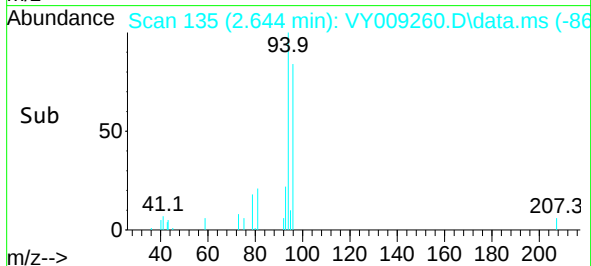
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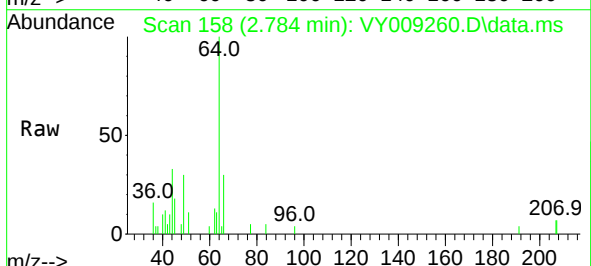
Tgt Ion: 94 Resp: 385
Ion Ratio Lower Upper
94 100
96 84.4 73.5 110.3

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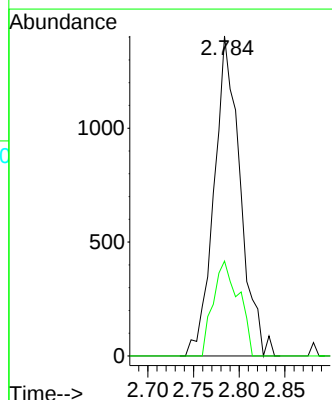
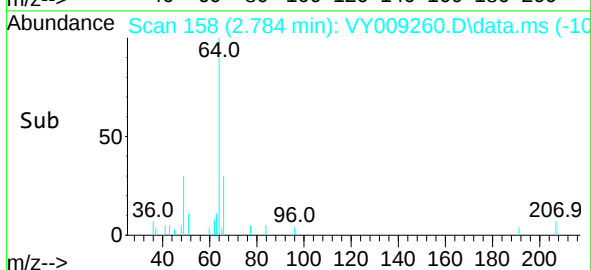
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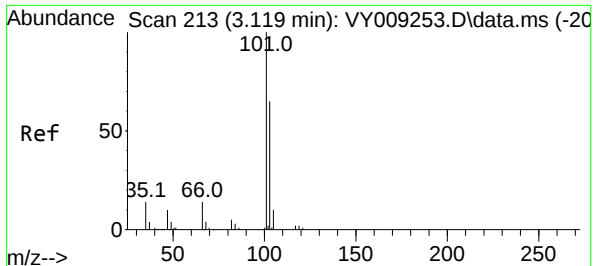


#6
Chloroethane
Concen: 2.572 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.000 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46



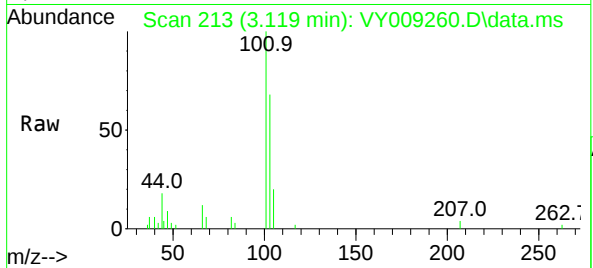
Tgt Ion: 64 Resp: 2799
Ion Ratio Lower Upper
64 100
66 29.7 25.4 38.0





#7
 Trichlorofluoromethane
 Concen: 2.607 ug/l
 RT: 3.119 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: VY009260.D
 Acq: 21 Jun 2022 16:46

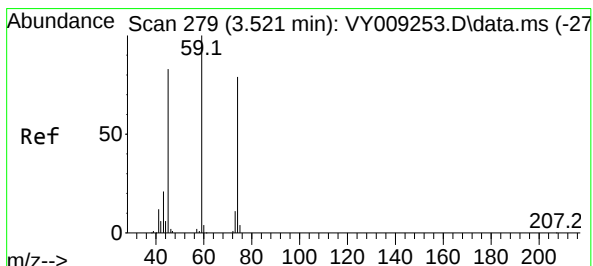
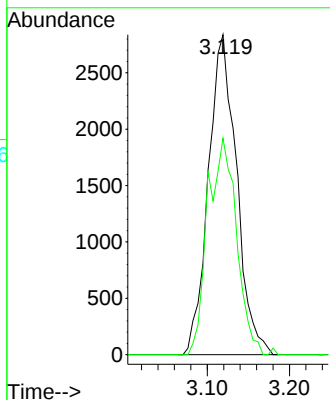
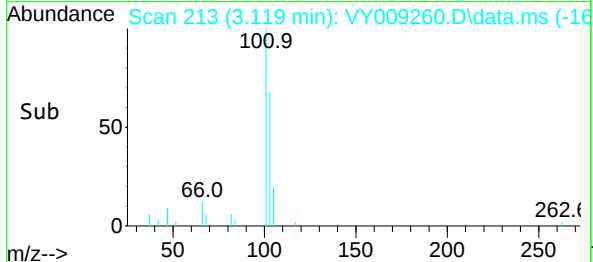
Instrument : MSVOA_Y
 ClientSampleId : LOD-MDL-SOIL-01-QT2-2022 2.5PPB



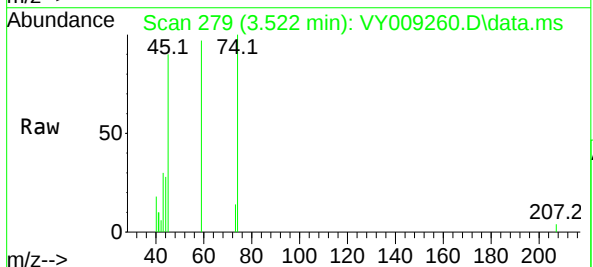
Tgt Ion:101 Resp: 676
 Ion Ratio Lower Upper
 101 100
 103 67.7 48.0 72.0

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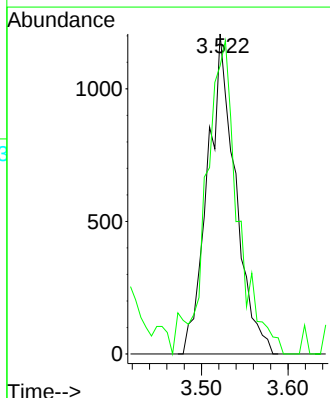
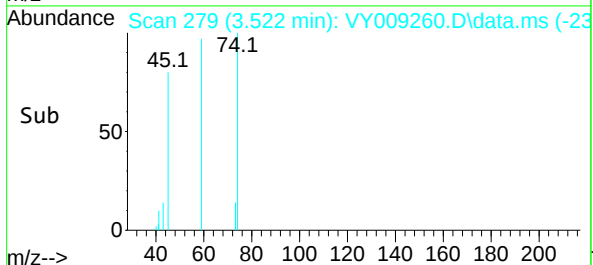
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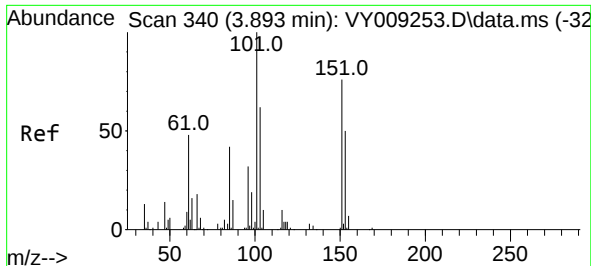


#8
 Diethyl Ether
 Concen: 2.830 ug/l
 RT: 3.522 min Scan# 279
 Delta R.T. 0.001 min
 Lab File: VY009260.D
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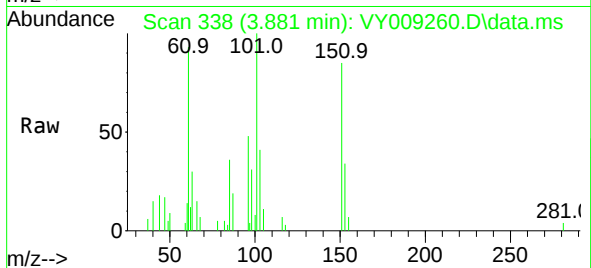
Tgt Ion: 74 Resp: 2696
 Ion Ratio Lower Upper
 74 100
 45 112.1 55.1 165.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.771 ug/l
RT: 3.881 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

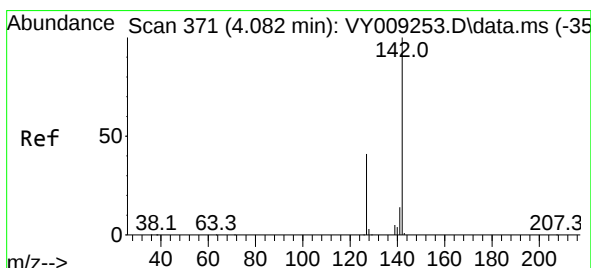
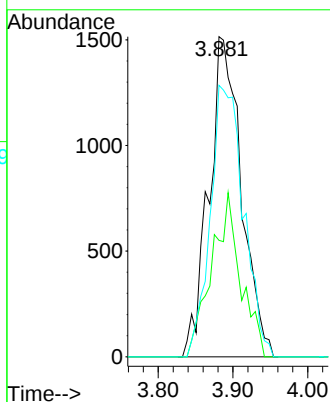
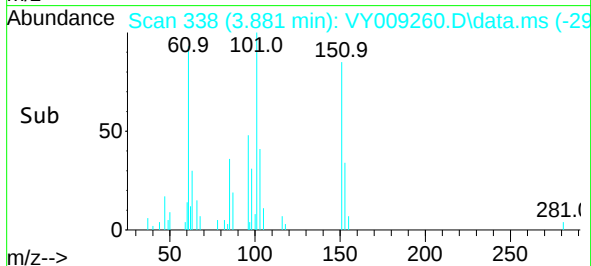
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022 2.5PPB



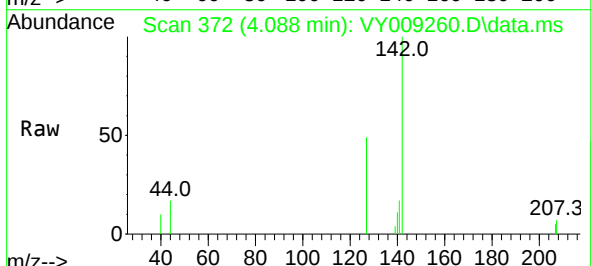
Tgt Ion:101 Resp: 457
Ion Ratio Lower Upper
101 100
85 45.8 40.6 60.8
151 86.8 64.9 97.3

Manual Integrations
APPROVED

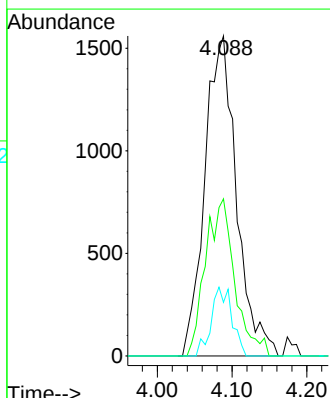
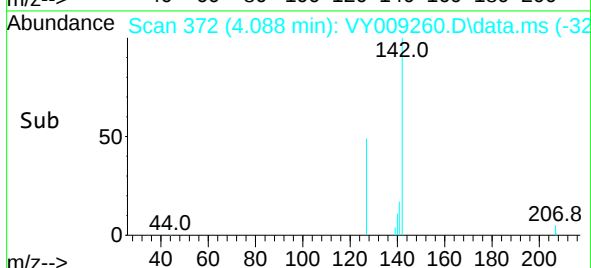
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022

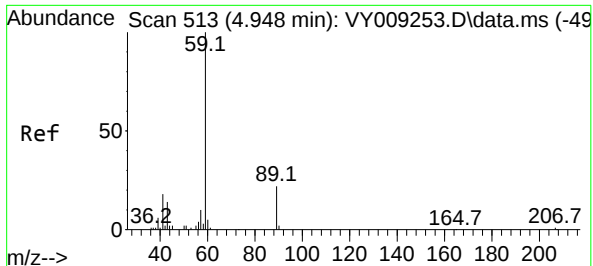


#10
Methyl Iodide
Concen: 2.276 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46



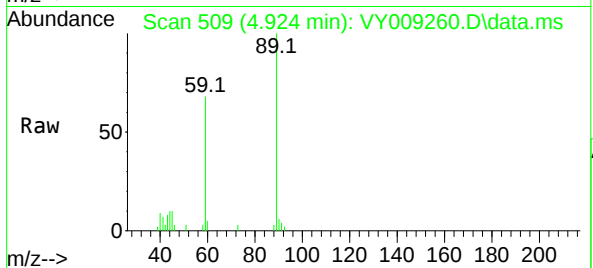
Tgt Ion:142 Resp: 4586
Ion Ratio Lower Upper
142 100
127 45.4 41.5 62.3
141 14.0 11.9 17.9





#11
Tert butyl alcohol
Concen: 23.749 ug/l
RT: 4.924 min Scan# 509
Delta R.T. -0.024 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

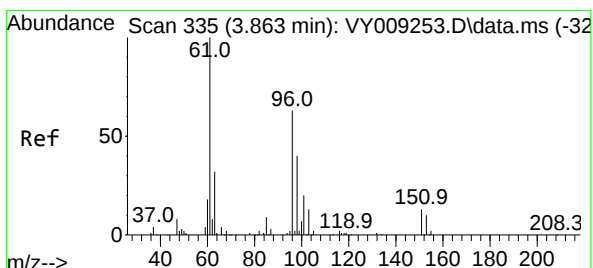
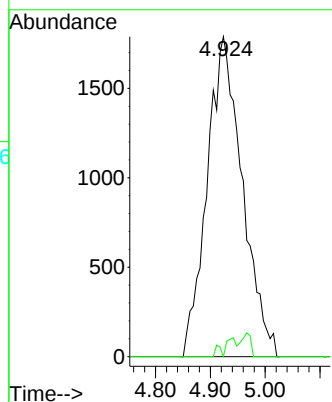
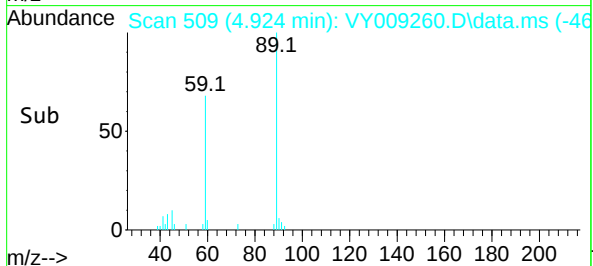
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2022 2.5PPB



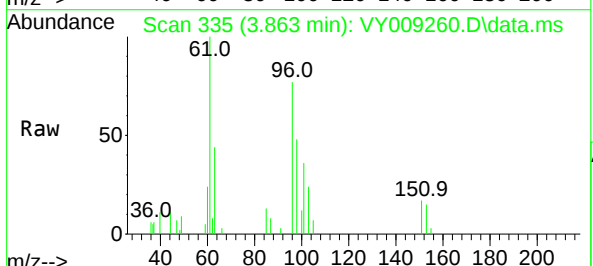
Tgt Ion: 59 Resp: 7990
Ion Ratio Lower Upper
59 100
57 1.6 6.4 9.6

Manual Integrations
APPROVED

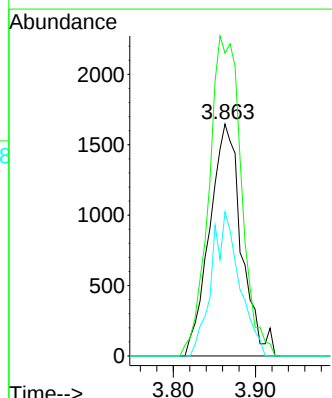
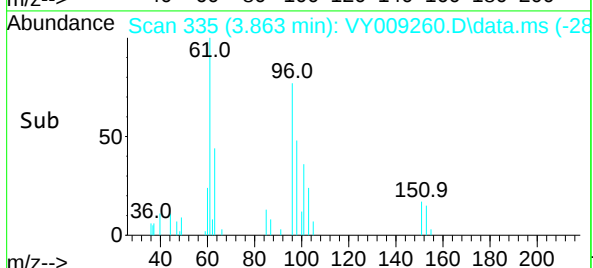
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022

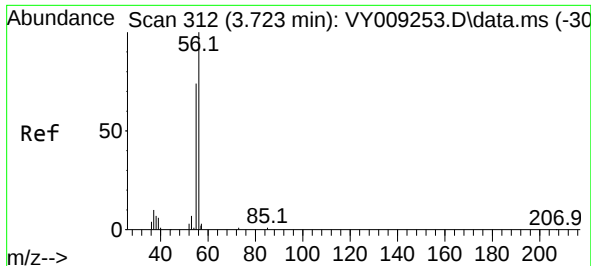


#12
1,1-Dichloroethene
Concen: 2.832 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.000 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46



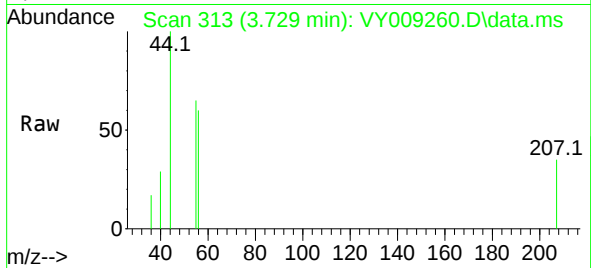
Tgt Ion: 96 Resp: 4440
Ion Ratio Lower Upper
96 100
61 130.7 145.8 218.6#
98 62.1 52.5 78.7





#13
Acrolein
Concen: 8.707 ug/l
RT: 3.729 min Scan# 312
Delta R.T. 0.006 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

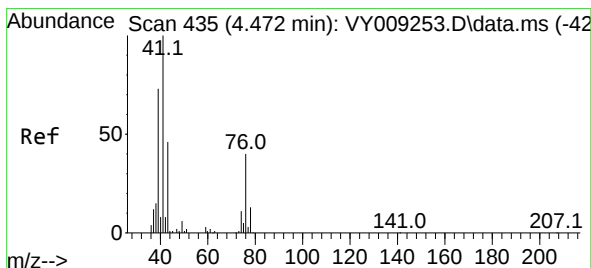
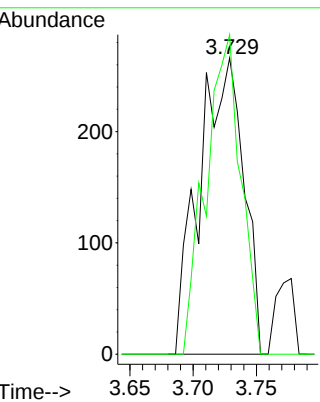
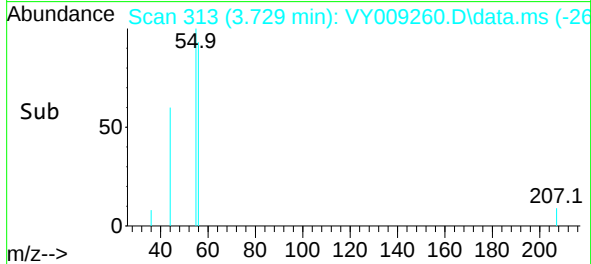
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022 2.5PPB



Tgt Ion: 56 Resp: 650
Ion Ratio Lower Upper
56 100
55 84.9 57.6 86.4

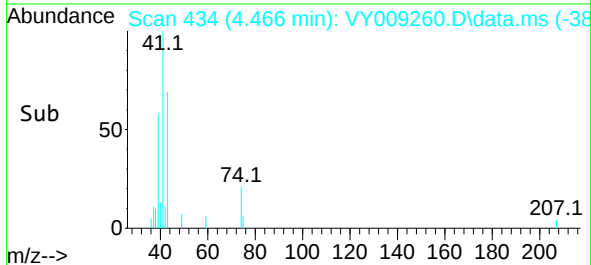
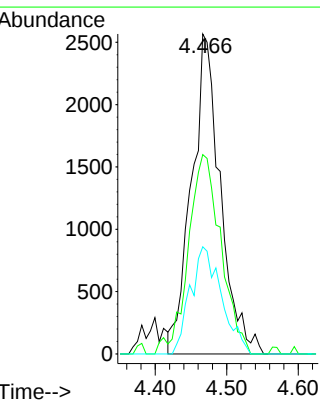
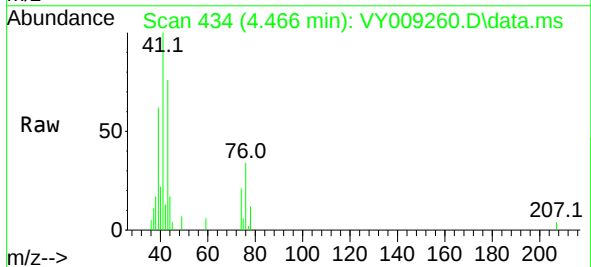
Manual Integrations
APPROVED

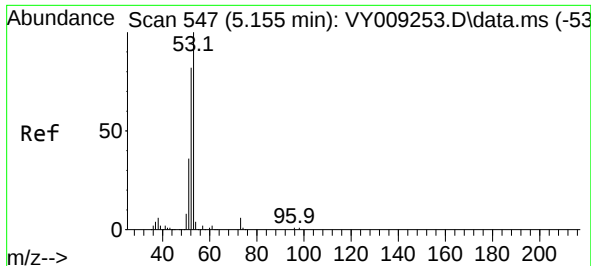
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#14
Allyl chloride
Concen: 2.547 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

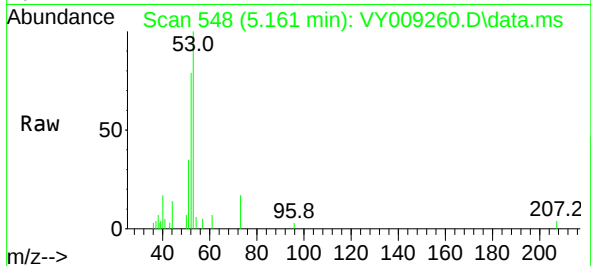
Tgt Ion: 41 Resp: 7174
Ion Ratio Lower Upper
41 100
39 70.6 58.8 88.2
76 36.3 25.1 37.7





#15
Acrylonitrile
Concen: 12.840 ug/l
RT: 5.161 min Scan# 547
Delta R.T. 0.006 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

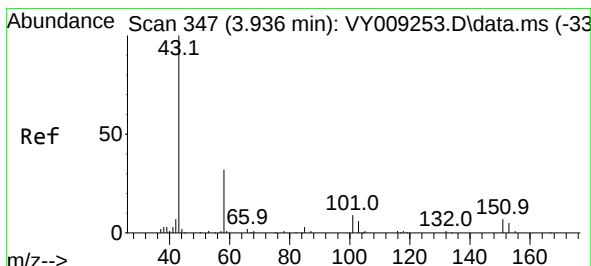
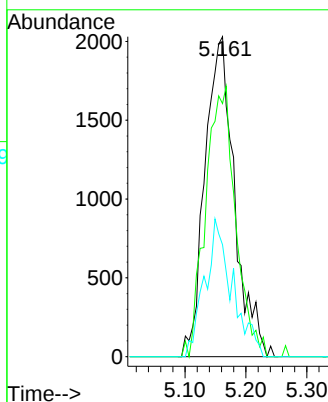
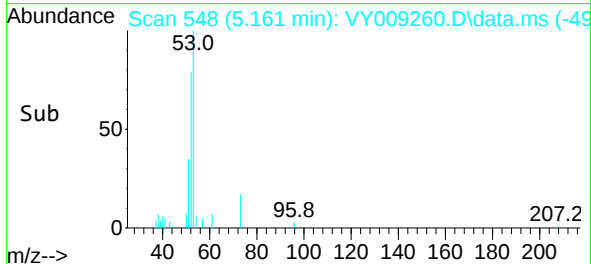
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022 2.5PPB



Tgt Ion: 53 Resp: 682
Ion Ratio Lower Upper
53 100
52 85.8 67.0 100.4
51 40.1 29.8 44.6

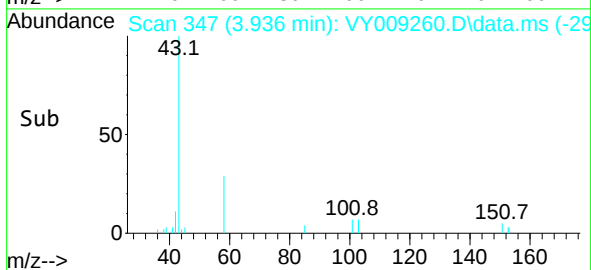
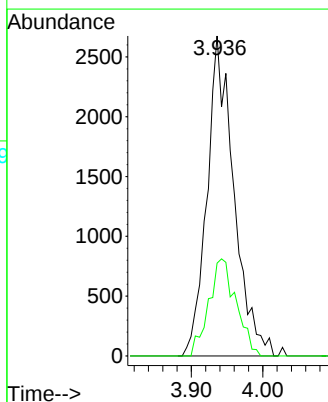
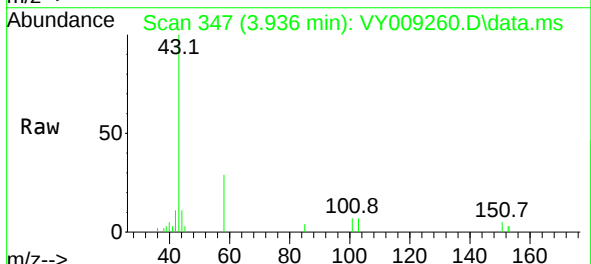
Manual Integrations
APPROVED

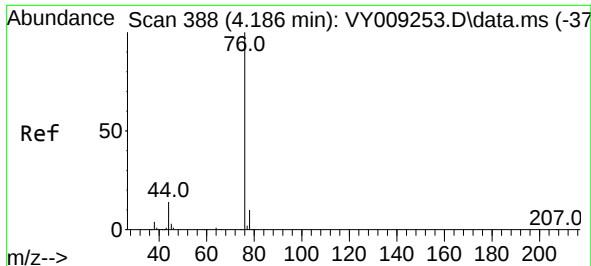
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#16
Acetone
Concen: 15.686 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

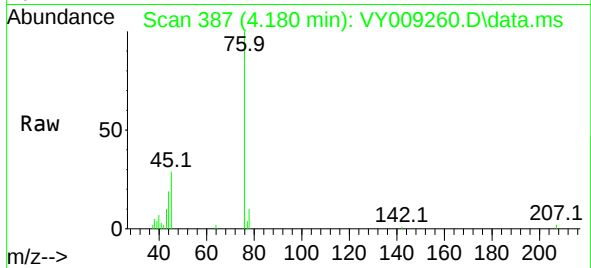
Tgt Ion: 43 Resp: 6966
Ion Ratio Lower Upper
43 100
58 29.0 22.0 33.0





#17
Carbon Disulfide
Concen: 2.535 ug/l
RT: 4.180 min Scan# 387
Delta R.T. -0.006 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

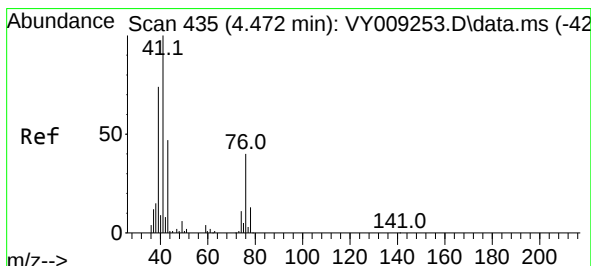
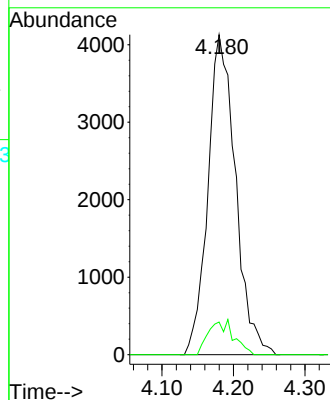
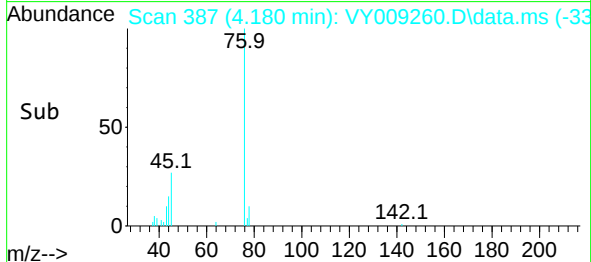
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2022 2.5PPB



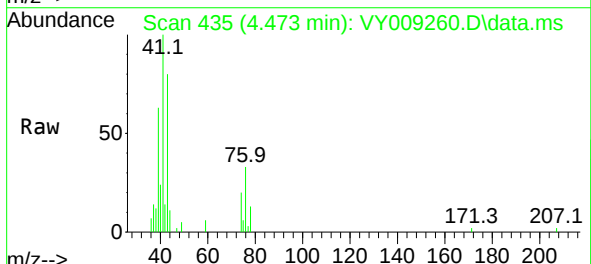
Tgt Ion: 76 Resp: 1104
Ion Ratio Lower Upper
76 100
78 10.2 7.4 11.0

Manual Integrations
APPROVED

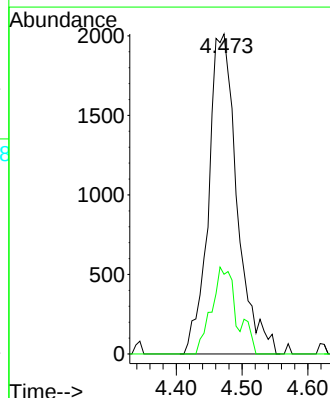
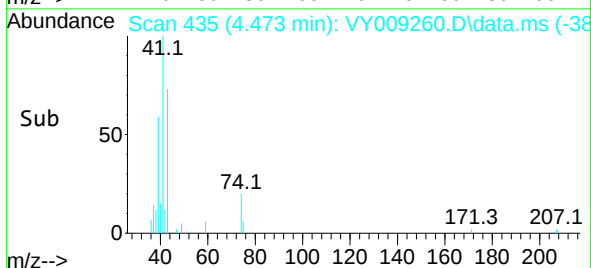
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022

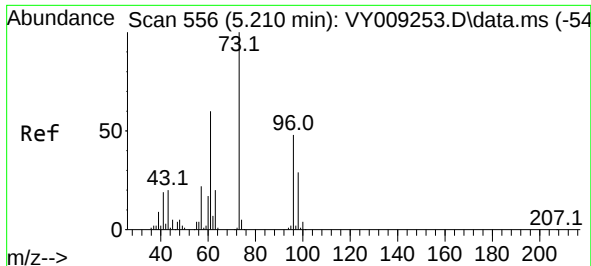


#18
Methyl Acetate
Concen: 3.989 ug/l
RT: 4.473 min Scan# 435
Delta R.T. 0.001 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46



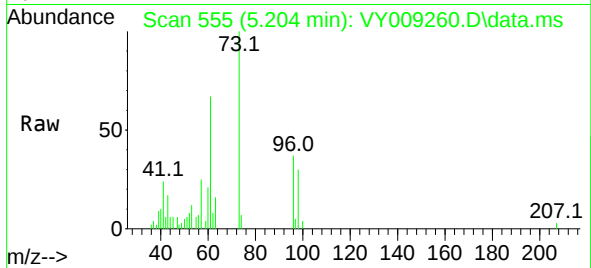
Tgt Ion: 43 Resp: 6079
Ion Ratio Lower Upper
43 100
74 20.9 16.6 24.8





#19
Methyl tert-butyl Ether
Concen: 2.558 ug/l
RT: 5.204 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

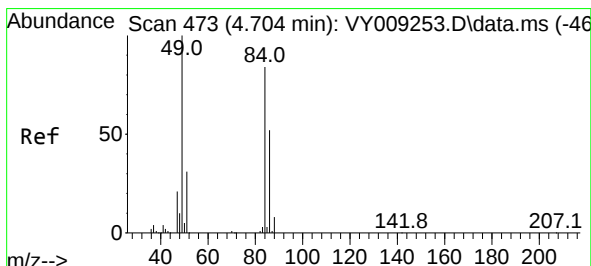
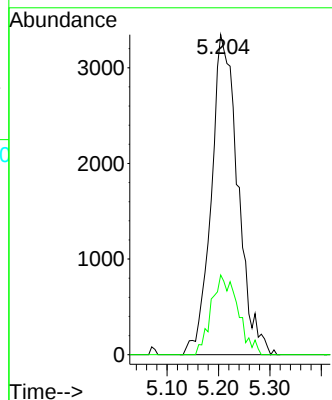
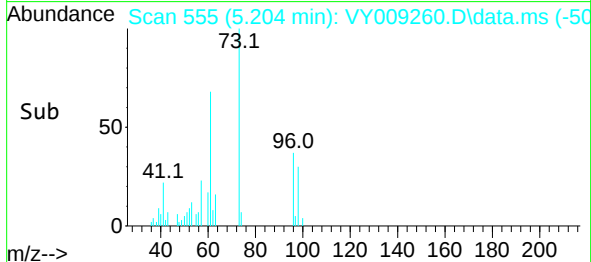
Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022 2.5PPB



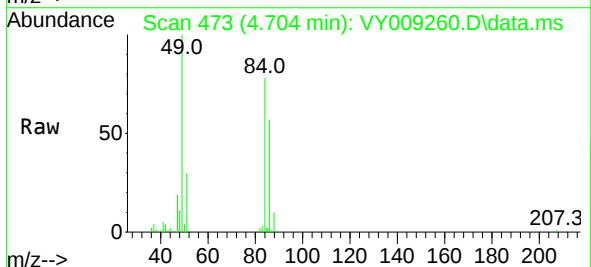
Tgt Ion: 73 Resp: 1205
Ion Ratio Lower Upper
73 100
57 24.9 18.6 27.8

Manual Integrations
APPROVED

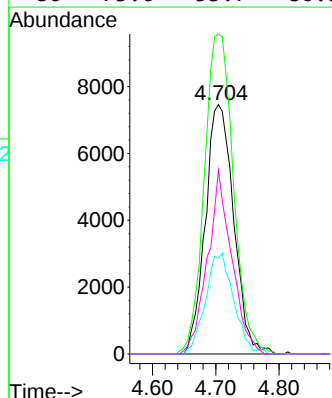
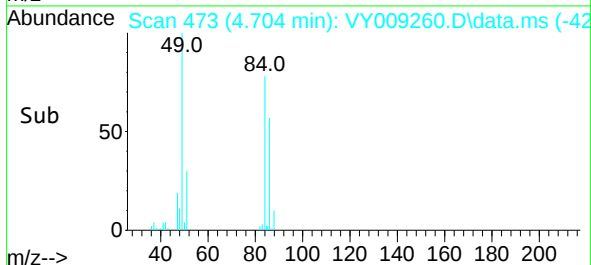
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022

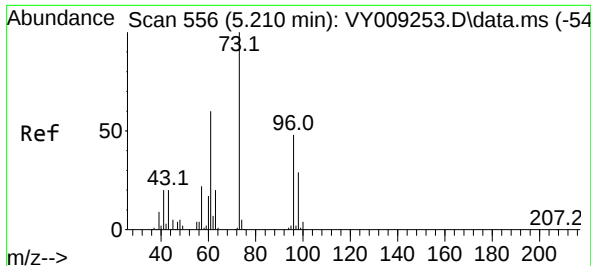


#20
Methylene Chloride
Concen: 7.914 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46



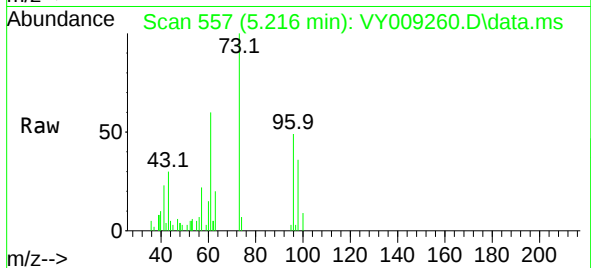
Tgt Ion: 84 Resp: 23265
Ion Ratio Lower Upper
84 100
49 128.3 114.4 171.6
51 38.4 35.3 52.9
86 73.6 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 2.432 ug/l
RT: 5.216 min Scan# 518
Delta R.T. 0.006 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

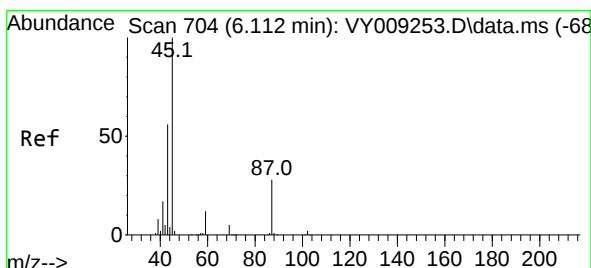
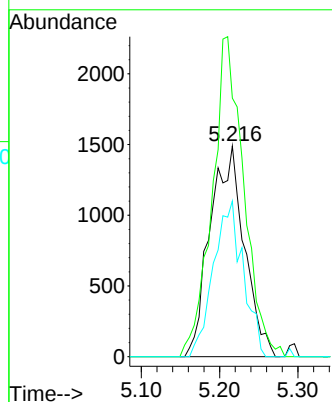
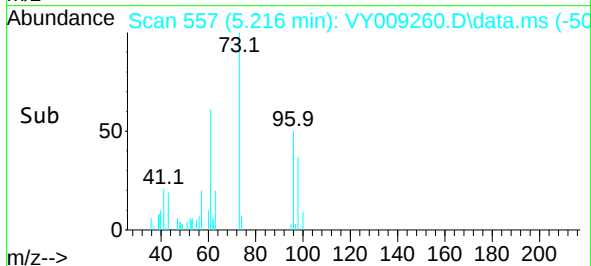
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2022 2.5PPB



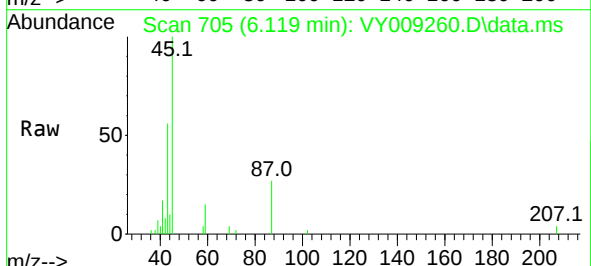
Tgt Ion: 96 Resp: 4518
Ion Ratio Lower Upper
96 100
61 122.7 120.5 180.7
98 73.9 49.8 74.8

Manual Integrations
APPROVED

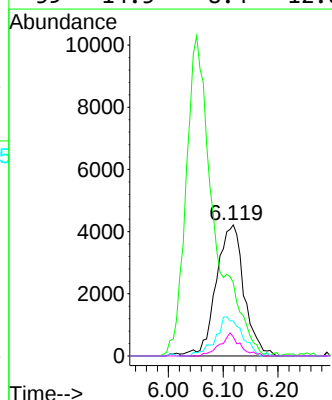
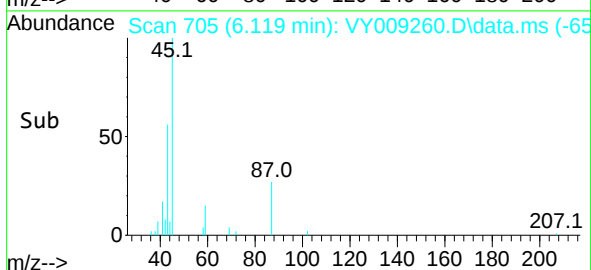
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022

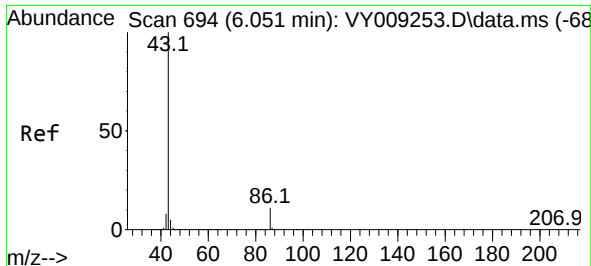


#22
Diisopropyl ether
Concen: 2.507 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.007 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46



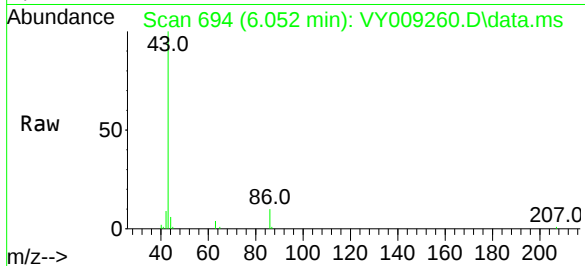
Tgt Ion: 45 Resp: 14839
Ion Ratio Lower Upper
45 100
43 55.8 49.3 73.9
87 26.7 19.2 28.8
59 14.5 8.4 12.6#





#23
 Vinyl Acetate
 Concen: 10.116 ug/l
 RT: 6.052 min Scan# 694
 Delta R.T. 0.001 min
 Lab File: VY009260.D
 Acq: 21 Jun 2022 16:46

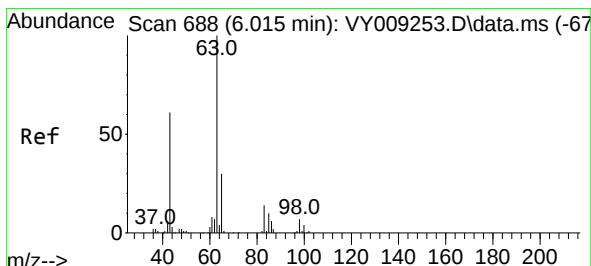
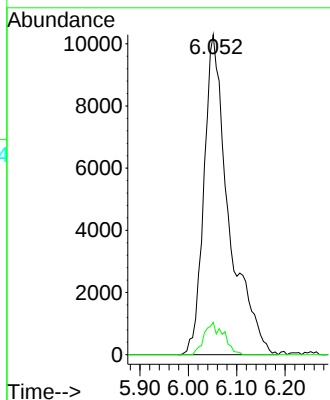
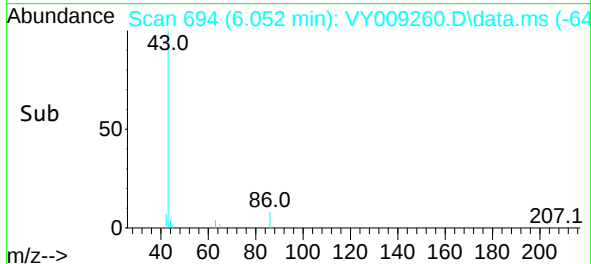
Instrument : MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2022 2.5PPB



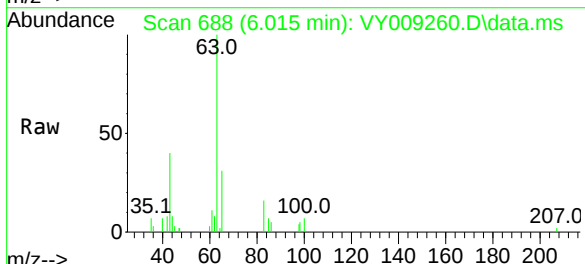
Tgt Ion: 43 Resp: 36769
 Ion Ratio Lower Upper
 43 100
 86 10.1 7.1 10.7

Manual Integrations
 APPROVED

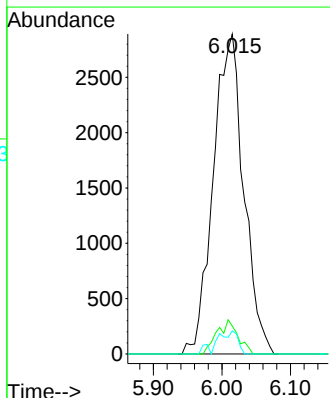
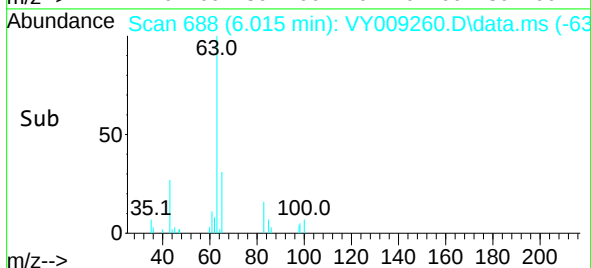
Reviewed By :Mahesh Dadoda 06/23/2022
 Supervised By :Semsettin Yesilyurt 06/23/2022

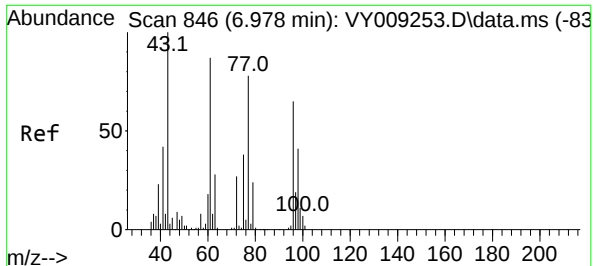


#24
 1,1-Dichloroethane
 Concen: 2.662 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY009260.D
 Acq: 21 Jun 2022 16:46



Tgt Ion: 63 Resp: 8921
 Ion Ratio Lower Upper
 63 100
 98 8.7 3.6 10.8
 100 7.2 2.0 5.8#





#25

2-Butanone

Concen: 14.287 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY009260.D

Acq: 21 Jun 2022 16:46

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2022 2.5PPB

Tgt Ion: 43 Resp: 10240

Ion Ratio Lower Upper

43 100

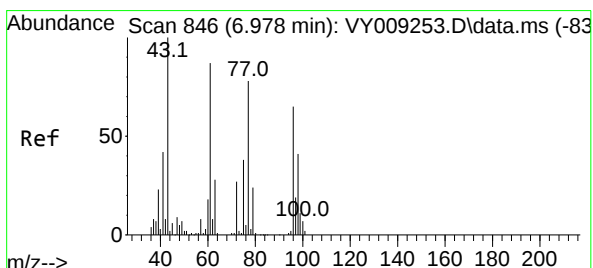
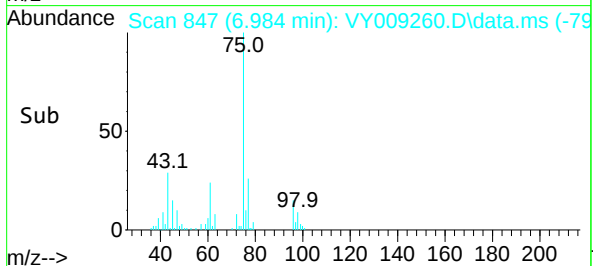
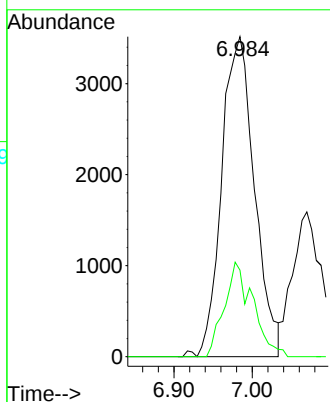
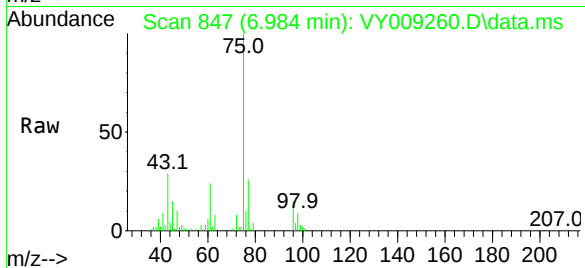
72 27.1 17.7 26.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/23/2022

Supervised By :Semsettin Yesilyurt 06/23/2022



#26

2,2-Dichloropropane

Concen: 2.940 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY009260.D

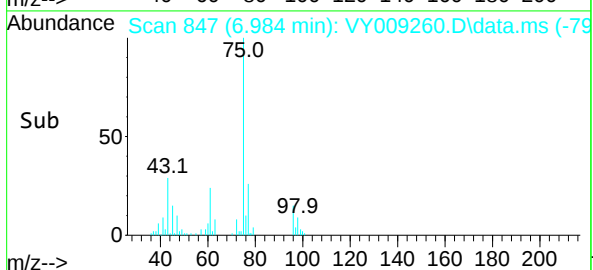
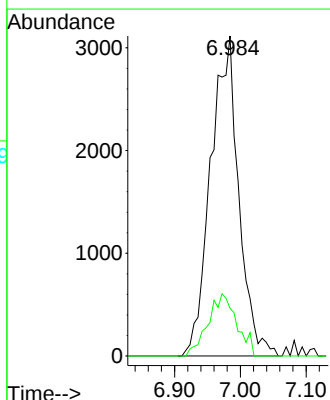
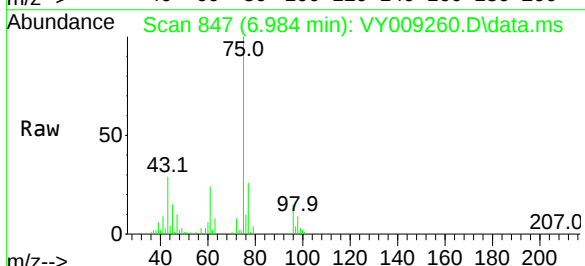
Acq: 21 Jun 2022 16:46

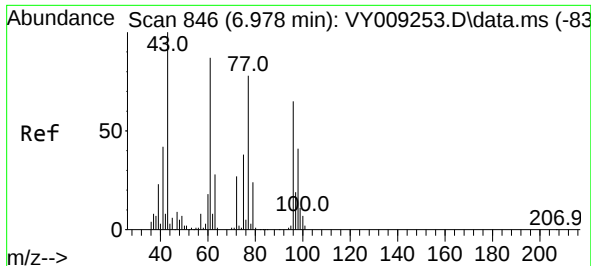
Tgt Ion: 77 Resp: 9261

Ion Ratio Lower Upper

77 100

97 19.8 10.4 31.4





#27

cis-1,2-Dichloroethene

Concen: 2.429 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY009260.D

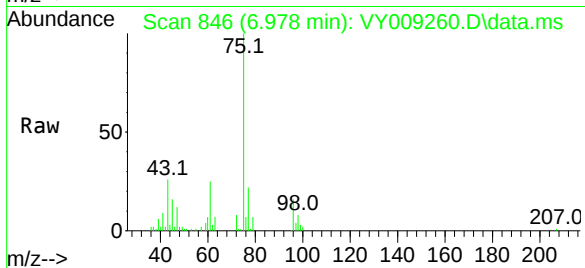
Acq: 21 Jun 2022 16:46

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2022 2.5PPB

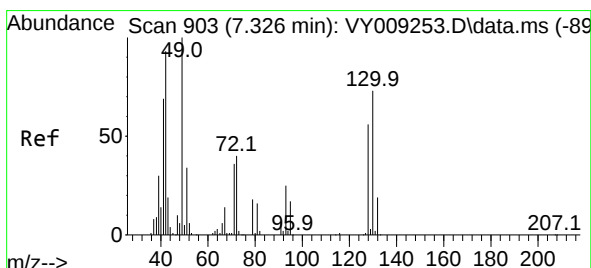
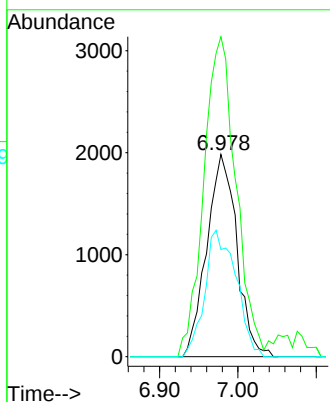
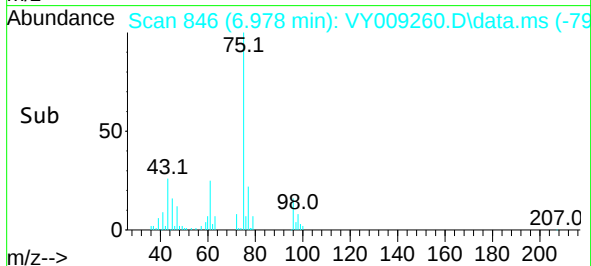


Tgt Ion:	96	Resp:	529
Ion	Ratio	Lower	Upper
96	100		
61	168.5	0.0	319.8
98	65.0	0.0	127.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#28

Bromochloromethane

Concen: 3.109 ug/l

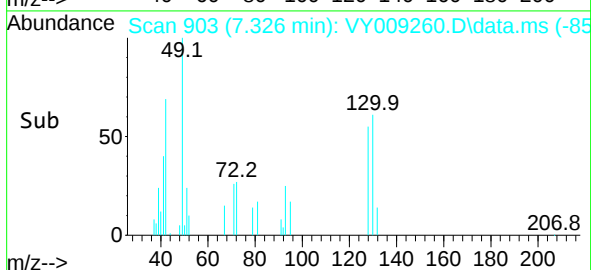
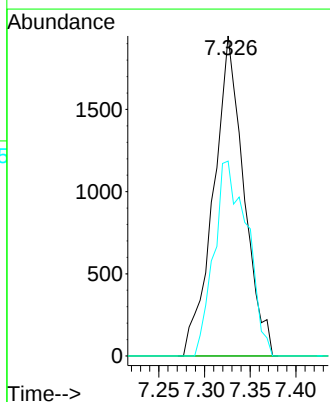
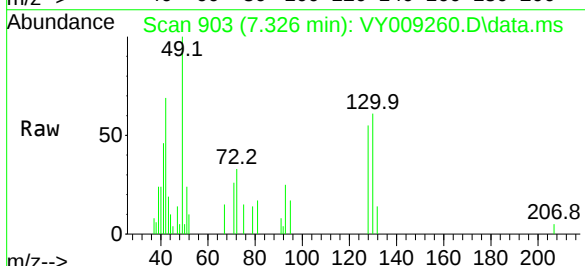
RT: 7.326 min Scan# 903

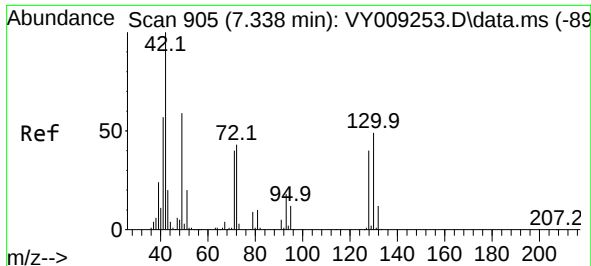
Delta R.T. -0.000 min

Lab File: VY009260.D

Acq: 21 Jun 2022 16:46

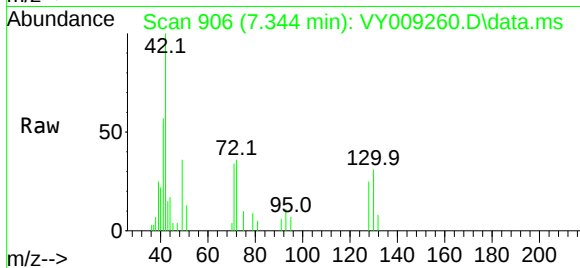
Tgt Ion:	49	Resp:	4495
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	2.2
130	66.7	55.4	83.0





#29
Tetrahydrofuran
Concen: 13.993 ug/l
RT: 7.344 min Scan# 905
Delta R.T. 0.006 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

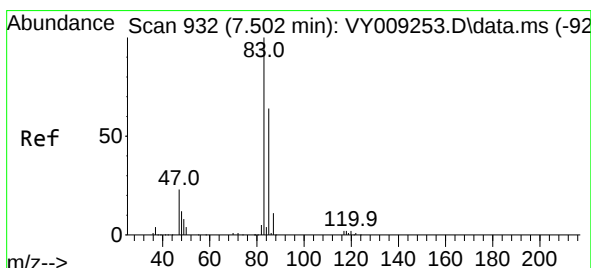
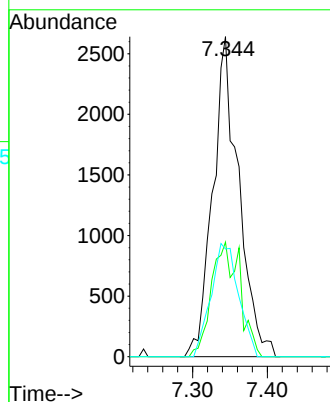
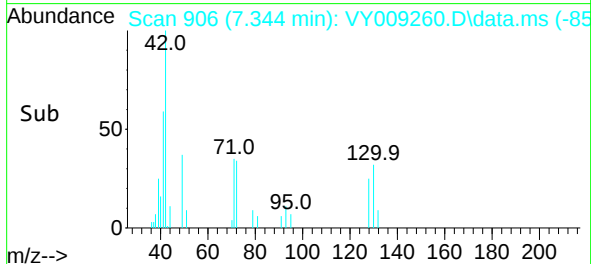
Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022 2.5PPB



Tgt Ion: 42 Resp: 635
Ion Ratio Lower Upper
42 100
72 39.4 30.3 45.5
71 37.7 29.0 43.4

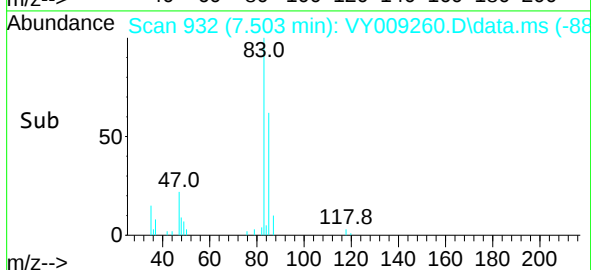
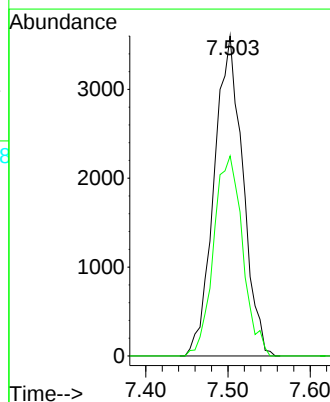
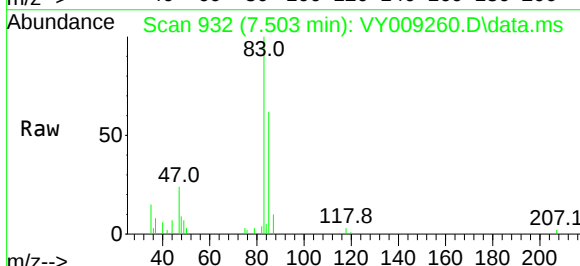
Manual Integrations
APPROVED

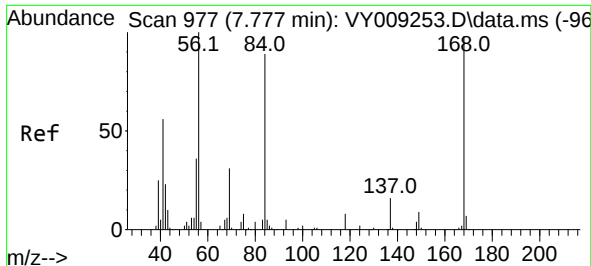
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#30
Chloroform
Concen: 2.530 ug/l
RT: 7.503 min Scan# 932
Delta R.T. 0.001 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

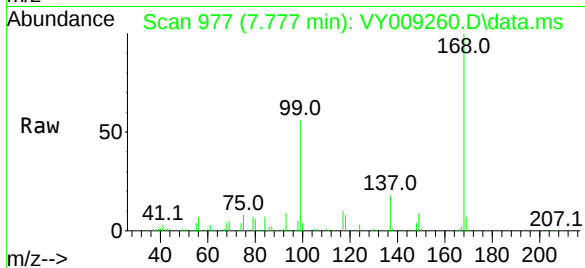
Tgt Ion: 83 Resp: 8728
Ion Ratio Lower Upper
83 100
85 62.5 51.8 77.6





#31
Cyclohexane
Concen: 3.344 ug/l
RT: 7.777 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

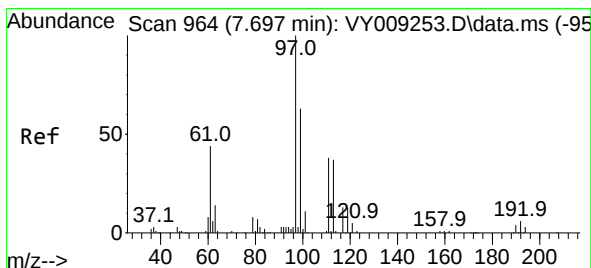
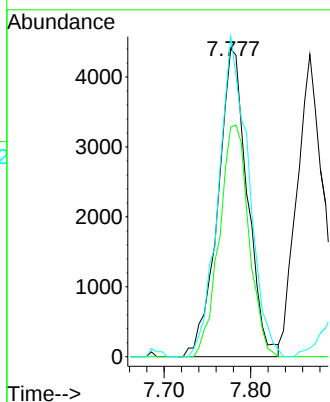
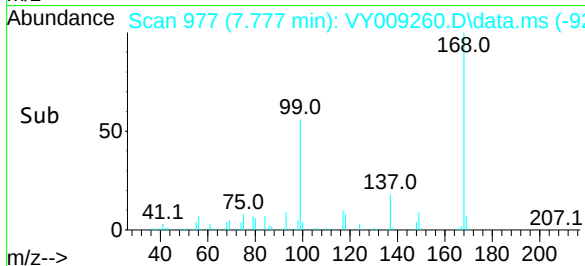
Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022 2.5PPB



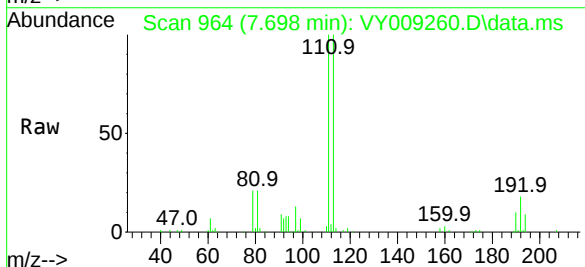
Tgt Ion: 56 Resp: 1043
Ion Ratio Lower Upper
56 100
69 74.5 26.7 40.1
84 103.9 67.2 100.8

Manual Integrations
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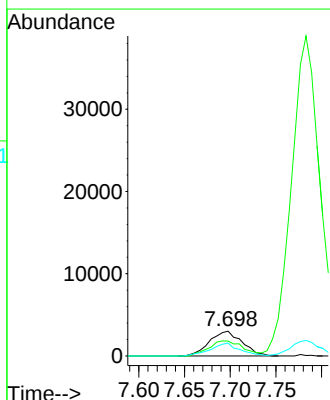
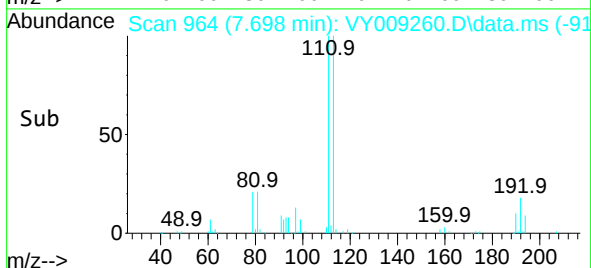
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022

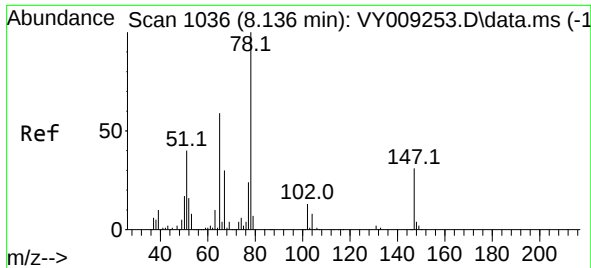


#32
1,1,1-Trichloroethane
Concen: 2.478 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.001 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46



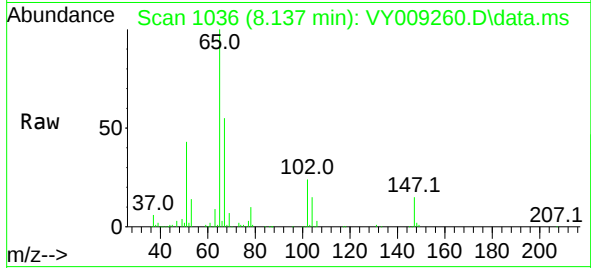
Tgt Ion: 97 Resp: 7463
Ion Ratio Lower Upper
97 100
99 64.6 50.7 76.1
61 46.3 37.6 56.4





#33
1,2-Dichloroethane-d4
Concen: 49.049 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

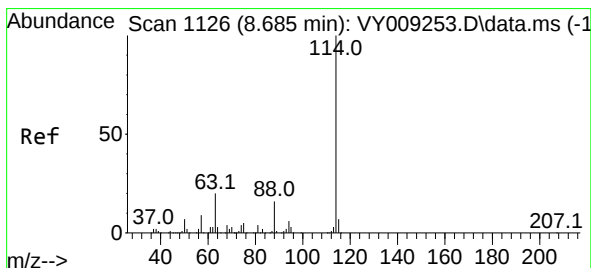
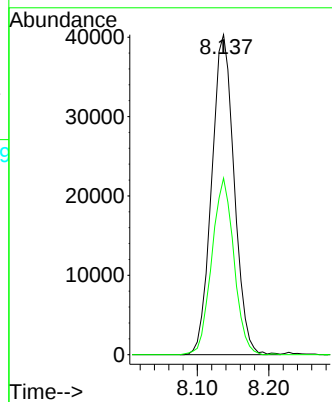
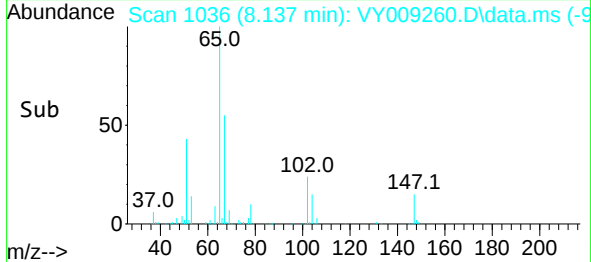
Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022 2.5PPB



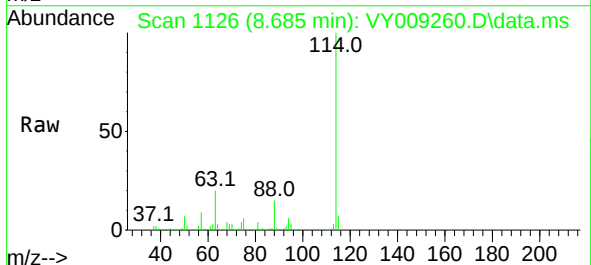
Tgt Ion: 65 Resp: 8815
Ion Ratio Lower Upper
65 100
67 54.1 0.0 99.4

Manual Integrations
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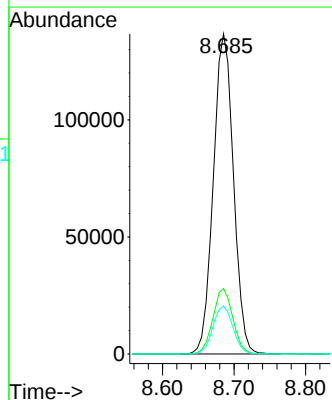
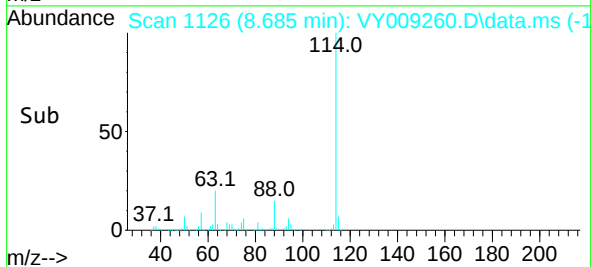
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022

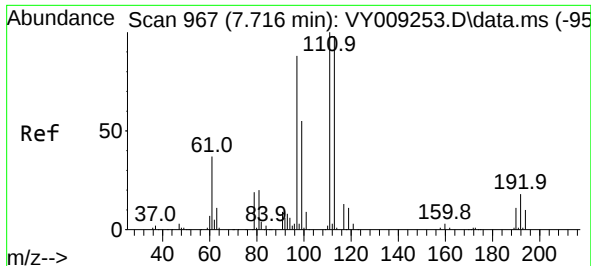


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46



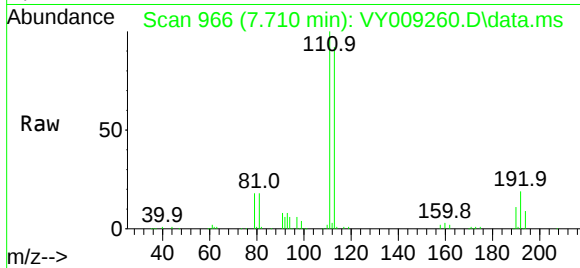
Tgt Ion:114 Resp: 267306
Ion Ratio Lower Upper
114 100
63 20.5 0.0 43.2
88 15.0 0.0 31.8





#35
Dibromofluoromethane
Concen: 49.027 ug/l
RT: 7.710 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

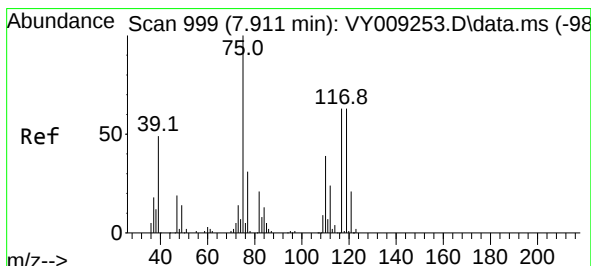
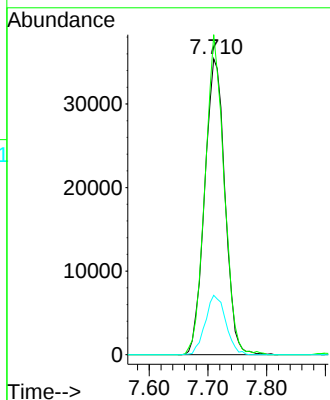
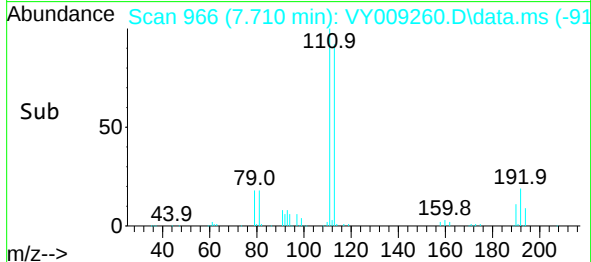
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022 2.5PPB



Tgt Ion:113 Resp: 8487
Ion Ratio Lower Upper
113 100
111 101.8 82.6 124.0
192 20.3 17.6 26.4

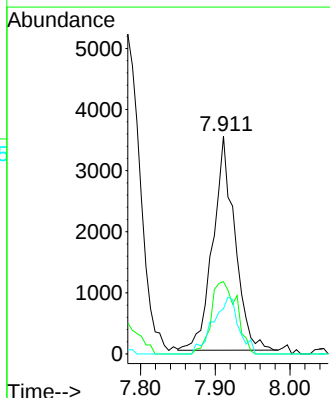
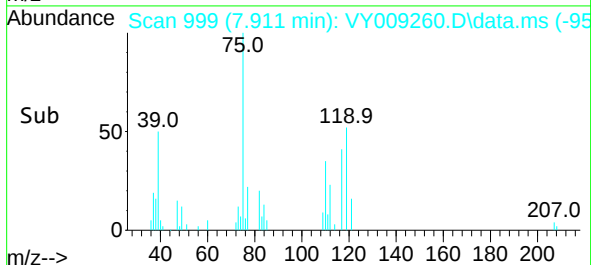
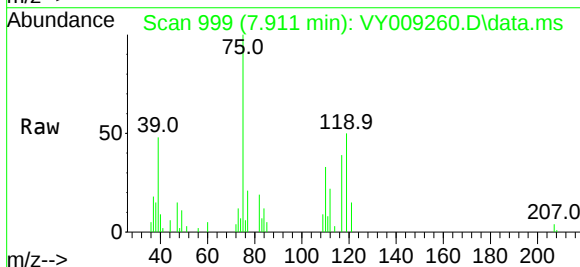
Manual Integrations
APPROVED

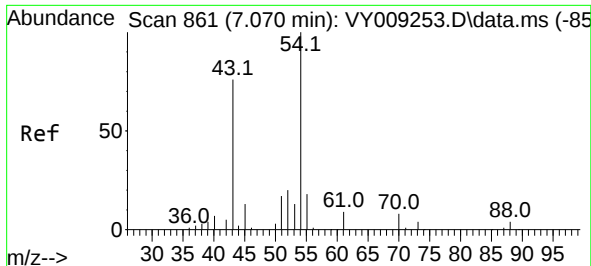
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#36
1,1-Dichloropropene
Concen: 2.718 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

Tgt Ion: 75 Resp: 7160
Ion Ratio Lower Upper
75 100
110 39.3 17.1 51.2
77 30.6 24.4 36.6





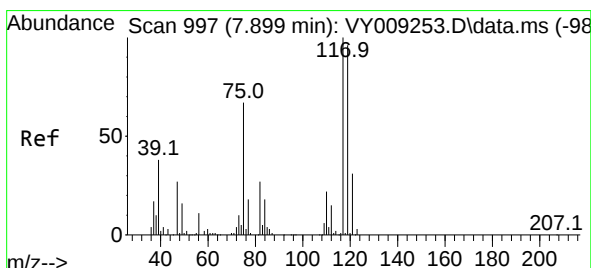
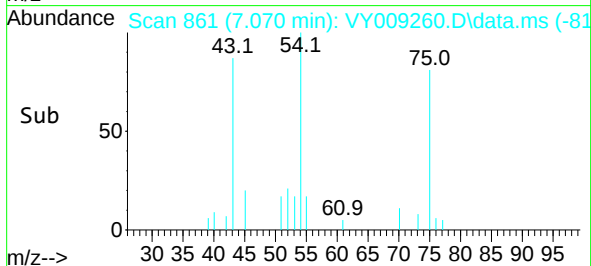
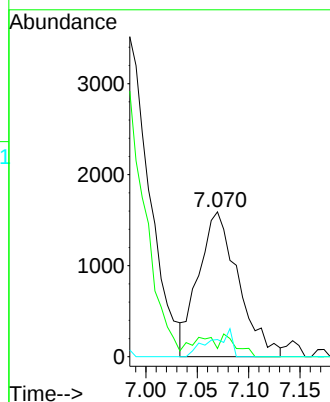
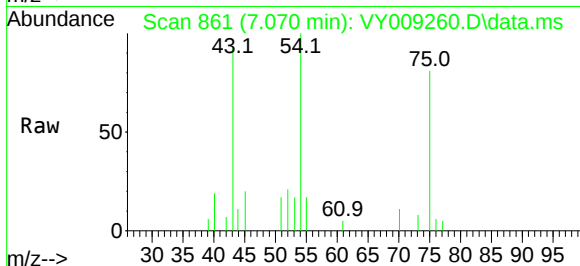
#37
Ethyl Acetate
Concen: 2.696 ug/l
RT: 7.070 min Scan# 861
Delta R.T. -0.000 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022 2.5PPB

Tgt Ion: 43 Resp: 429
Ion Ratio Lower Upper
43 100
61 0.0 9.7 14.5
70 10.0 7.1 10.7

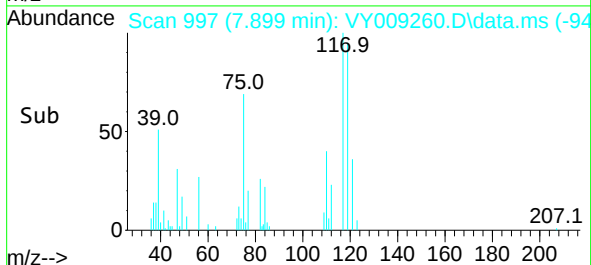
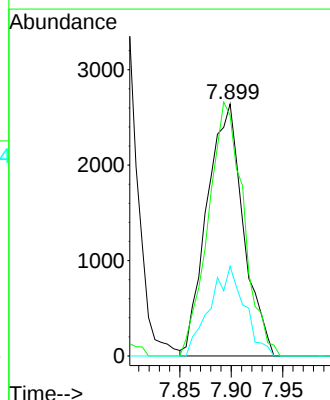
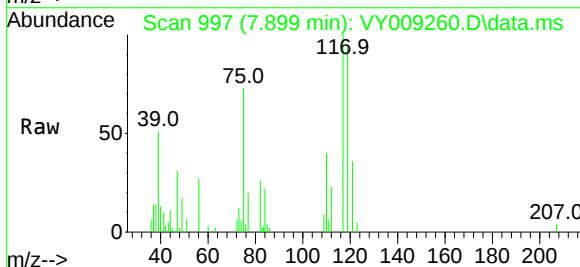
Manual Integrations
APPROVED

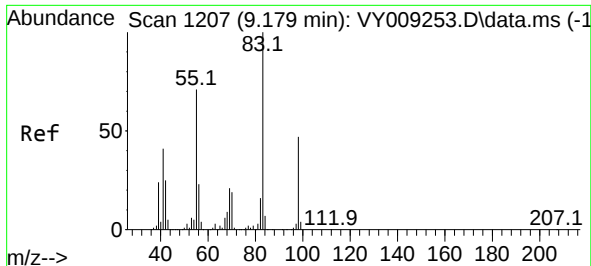
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#38
Carbon Tetrachloride
Concen: 2.372 ug/l
RT: 7.899 min Scan# 997
Delta R.T. -0.000 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

Tgt Ion:117 Resp: 6499
Ion Ratio Lower Upper
117 100
119 95.4 77.9 116.9
121 35.5 24.8 37.2





#39

Methylcyclohexane

Concen: 2.468 ug/l

RT: 9.173 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY009260.D

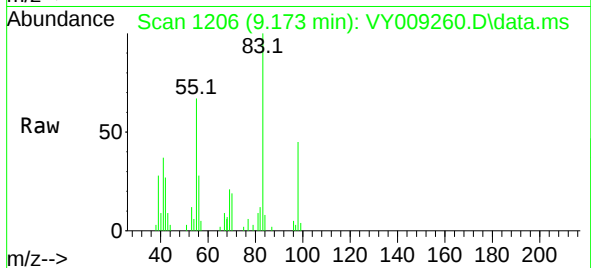
Acq: 21 Jun 2022 16:46

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2022 2.5PPB



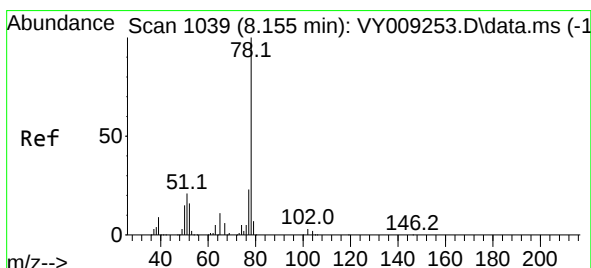
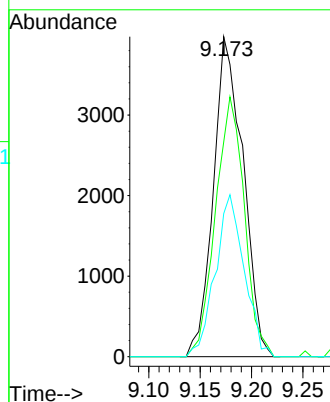
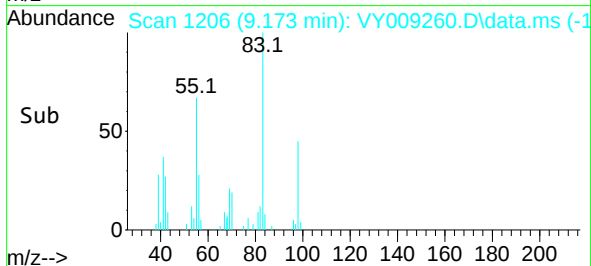
Tgt Ion: 83	Resp: 7979
Ion Ratio	Lower Upper
83	100
55	67.1 66.5 99.7
98	44.7 37.9 56.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/23/2022

Supervised By :Semsettin Yesilyurt 06/23/2022



#40

Benzene

Concen: 2.440 ug/l

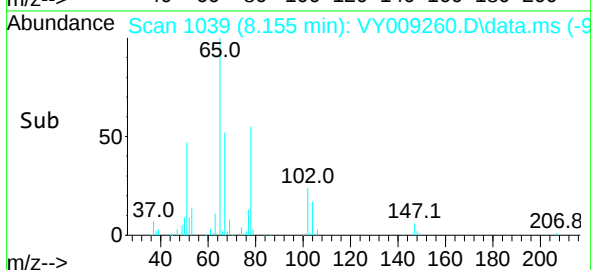
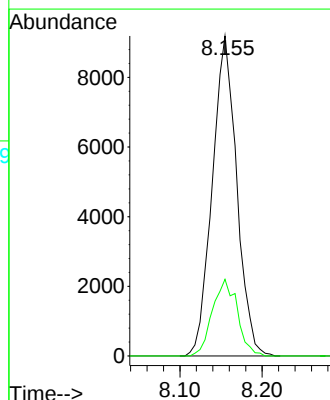
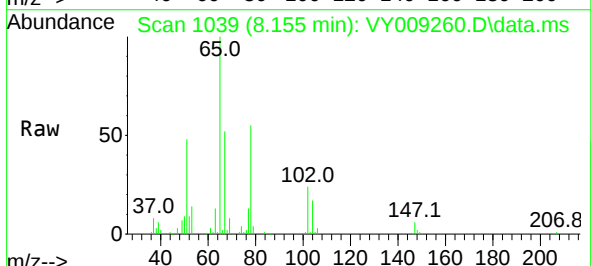
RT: 8.155 min Scan# 1039

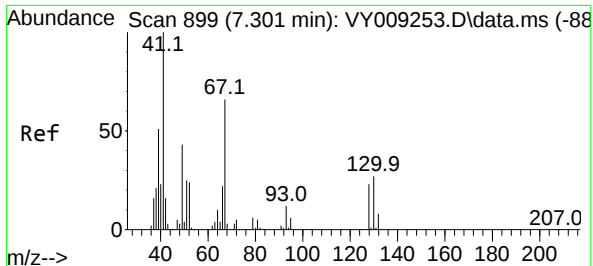
Delta R.T. -0.000 min

Lab File: VY009260.D

Acq: 21 Jun 2022 16:46

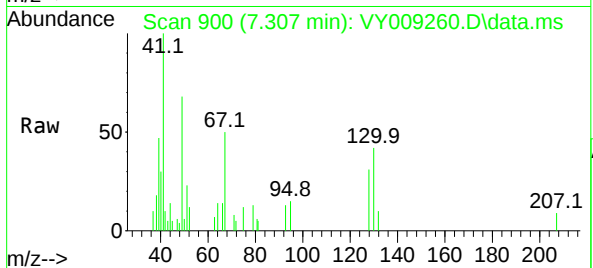
Tgt Ion: 78	Resp: 19016
Ion Ratio	Lower Upper
78	100
77	23.9 20.4 30.6





#41
Methacrylonitrile
Concen: 2.847 ug/l
RT: 7.307 min Scan# 900
Delta R.T. 0.006 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

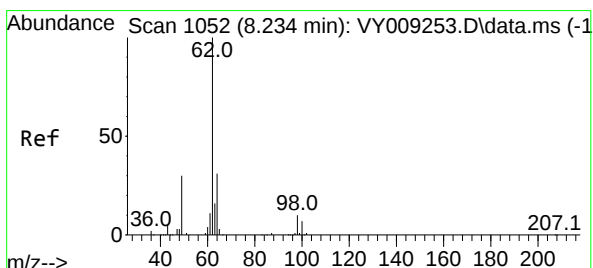
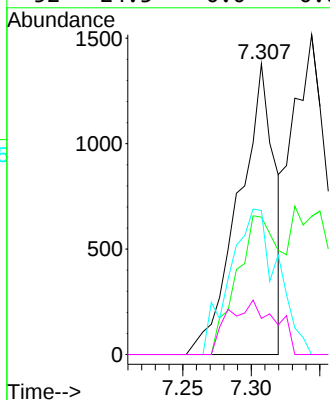
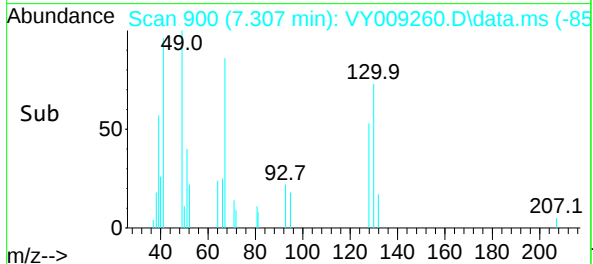
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2022 2.5PPB



Tgt Ion: 41 Resp: 251
Ion Ratio Lower Upper
41 100
39 59.2 92.9 139.3
67 66.1 0.0 0.0
52 24.3 0.0 0.0

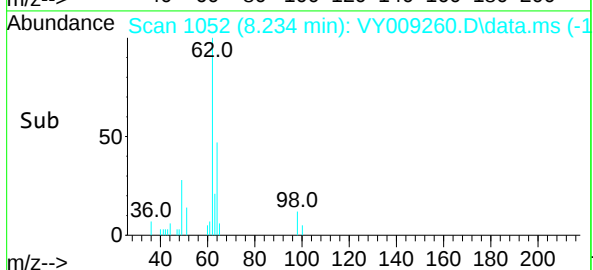
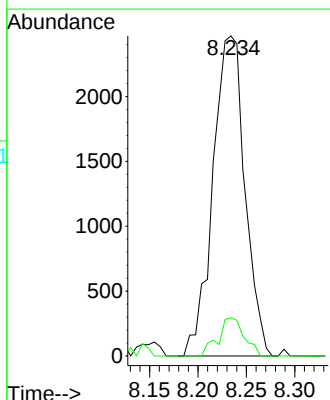
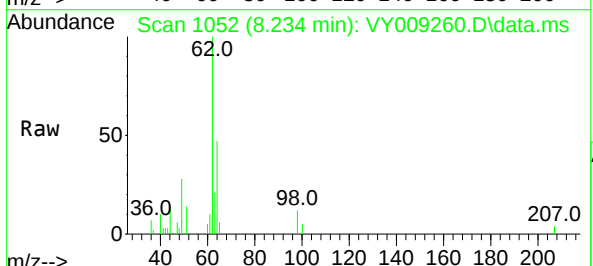
Manual Integrations
APPROVED

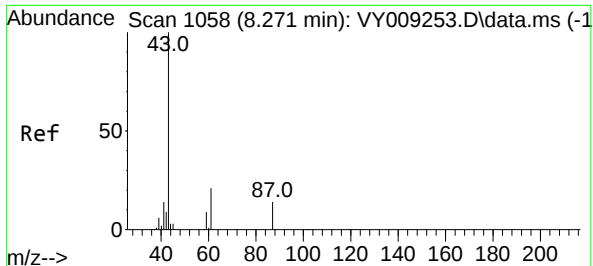
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#42
1,2-Dichloroethane
Concen: 2.542 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

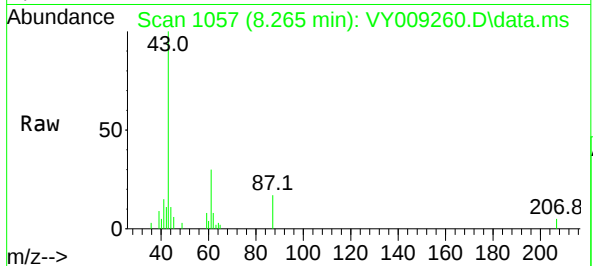
Tgt Ion: 62 Resp: 5686
Ion Ratio Lower Upper
62 100
98 9.7 0.0 14.8





#43
Isopropyl Acetate
Concen: 2.497 ug/l
RT: 8.265 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

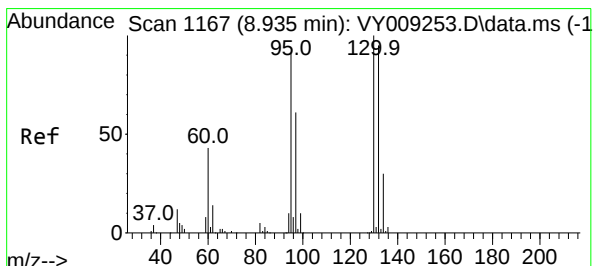
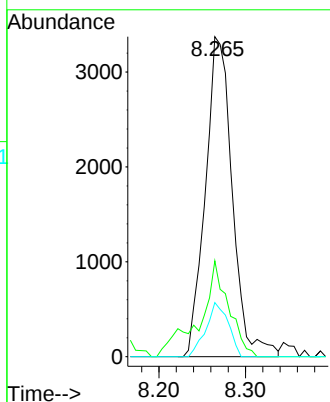
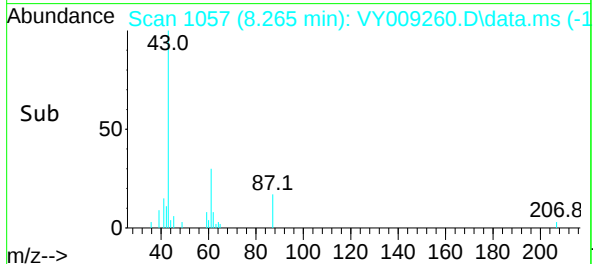
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2022 2.5PPB



Tgt Ion: 43 Resp: 729
Ion Ratio Lower Upper
43 100
61 32.4 20.2 30.2
87 14.0 8.9 13.3

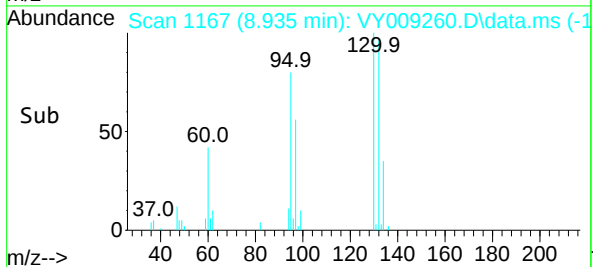
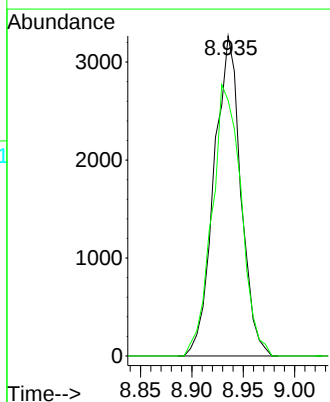
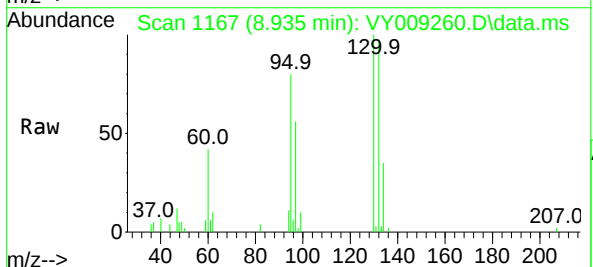
Manual Integrations
APPROVED

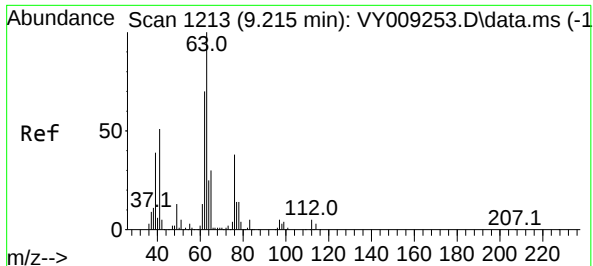
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#44
Trichloroethene
Concen: 2.694 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

Tgt Ion:130 Resp: 5912
Ion Ratio Lower Upper
130 100
95 79.9 0.0 188.2





#45

1,2-Dichloropropane

Concen: 2.450 ug/l

RT: 9.210 min Scan# 1213

Delta R.T. -0.005 min

Lab File: VY009260.D

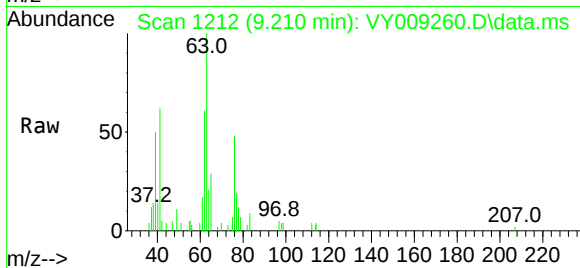
Acq: 21 Jun 2022 16:46

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2022 2.5PPB



Tgt Ion: 63 Resp: 4920

Ion Ratio Lower Upper

63 100

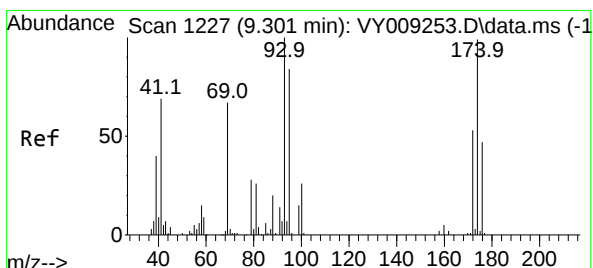
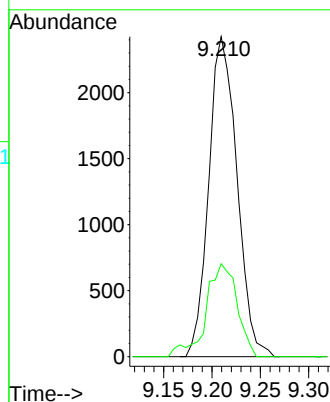
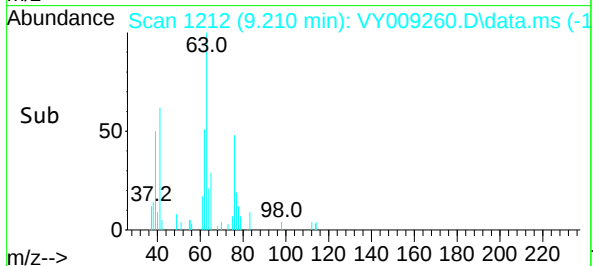
65 29.0 23.0 34.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/23/2022

Supervised By :Semsettin Yesilyurt 06/23/2022



#46

Dibromomethane

Concen: 2.484 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY009260.D

Acq: 21 Jun 2022 16:46

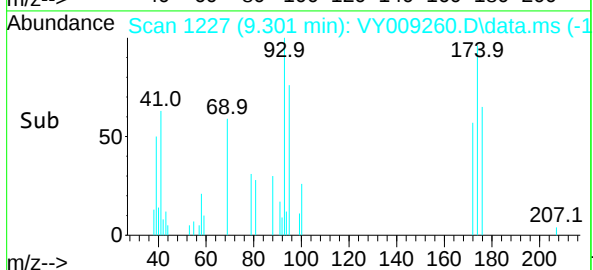
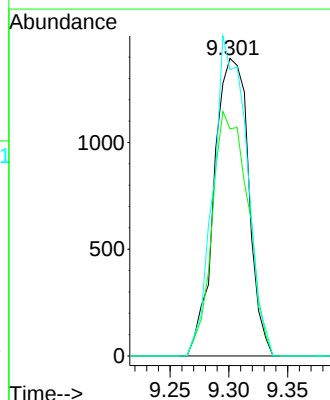
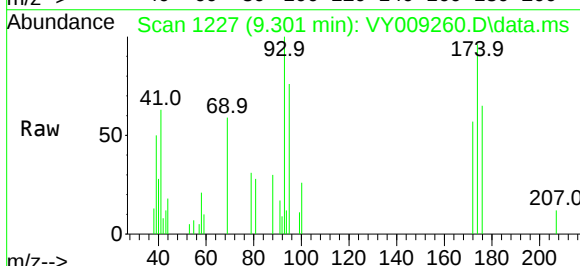
Tgt Ion: 93 Resp: 2836

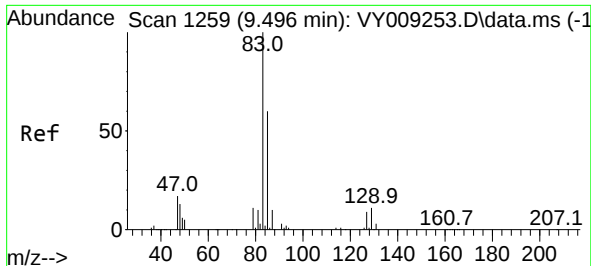
Ion Ratio Lower Upper

93 100

95 85.3 64.3 96.5

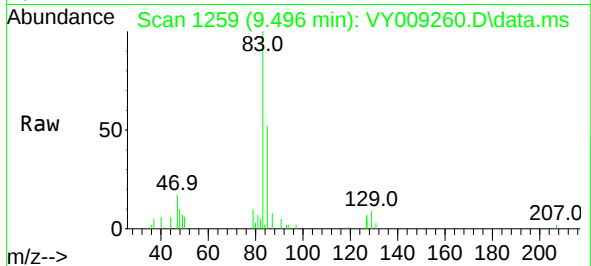
174 104.1 83.4 125.0





#47
Bromodichloromethane
Concen: 2.480 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

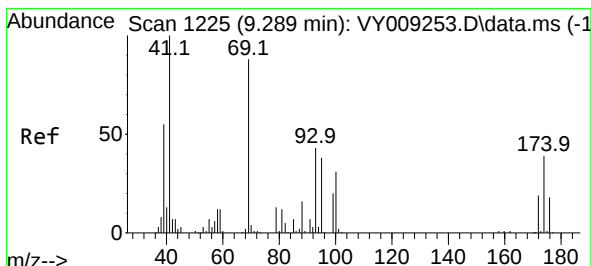
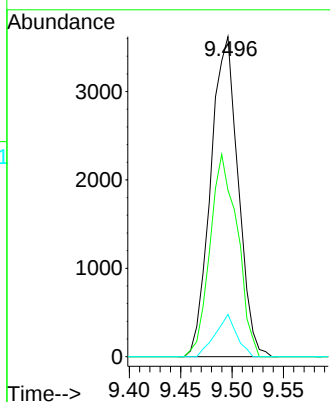
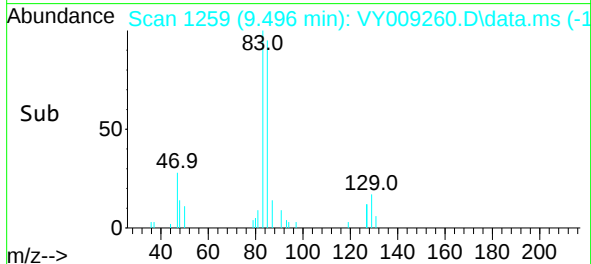
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2022 2.5PPB



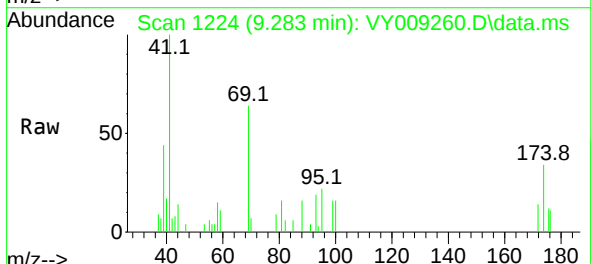
Tgt Ion: 83 Resp: 6724
Ion Ratio Lower Upper
83 100
85 52.0 51.9 77.9
127 13.2 6.6 10.0

Manual Integrations
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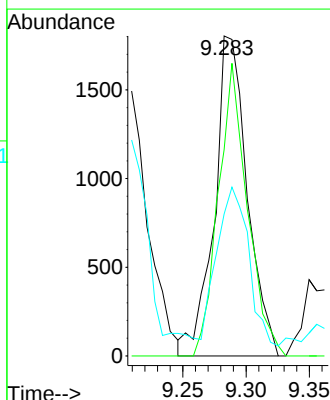
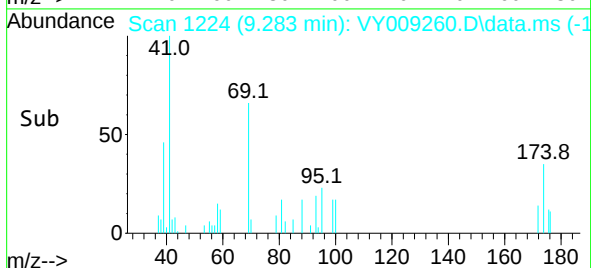
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022

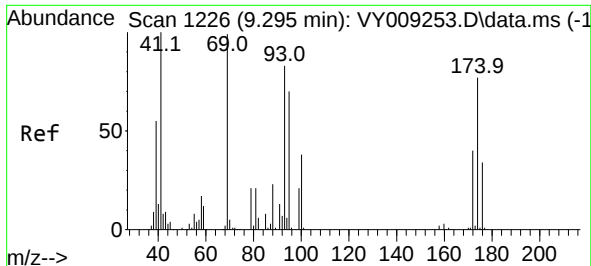


#48
Methyl methacrylate
Concen: 2.547 ug/l
RT: 9.283 min Scan# 1224
Delta R.T. -0.006 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46



Tgt Ion: 41 Resp: 3259
Ion Ratio Lower Upper
41 100
69 81.1 58.2 87.2
39 48.8 47.4 71.0





#49

1,4-Dioxane

Concen: 46.746 ug/l

RT: 9.301 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY009260.D

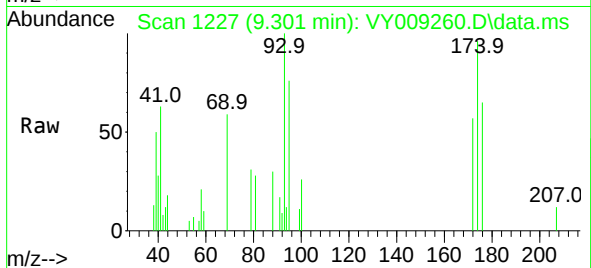
Acq: 21 Jun 2022 16:46

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2022 2.5PPB



Tgt Ion: 88 Resp: 76

Ion Ratio Lower Upper

88 100

43 26.6 32.8 49.2

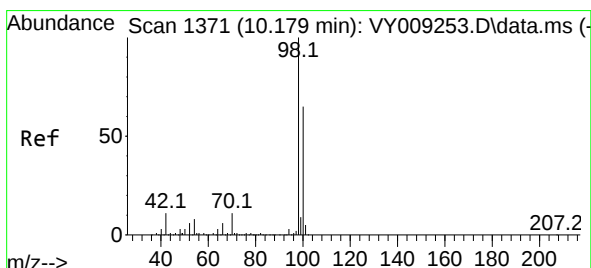
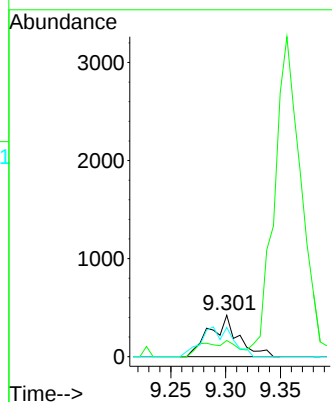
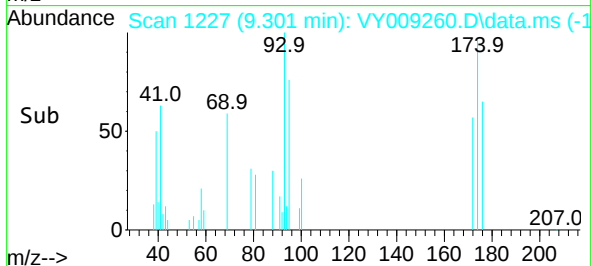
58 78.7 59.8 89.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/23/2022

Supervised By :Semsettin Yesilyurt 06/23/2022



#50

Toluene-d8

Concen: 48.367 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.006 min

Lab File: VY009260.D

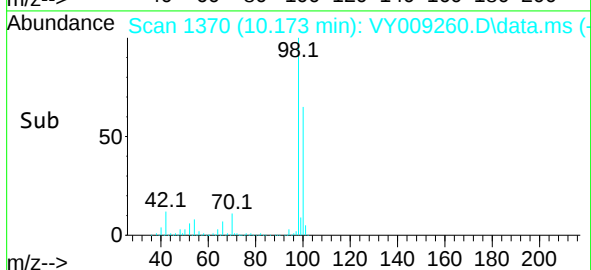
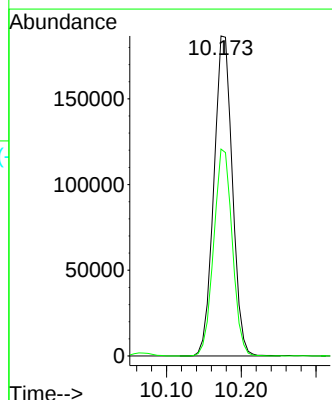
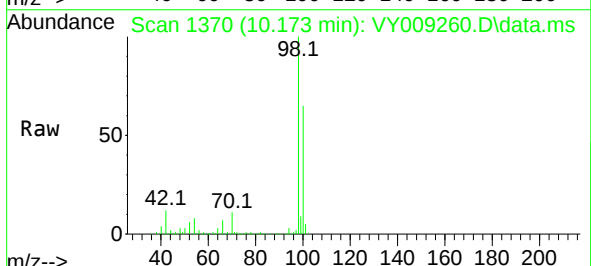
Acq: 21 Jun 2022 16:46

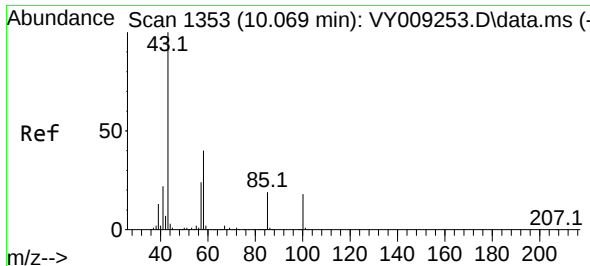
Tgt Ion: 98 Resp: 321645

Ion Ratio Lower Upper

98 100

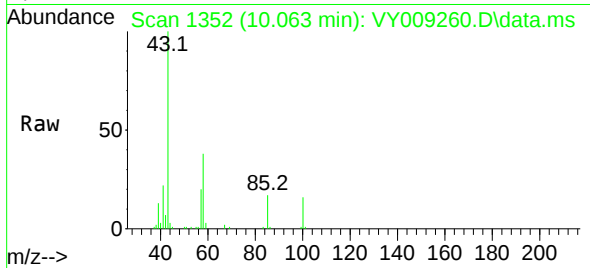
100 64.8 50.2 75.2





#51
4-Methyl-2-Pentanone
Concen: 12.990 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. -0.006 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

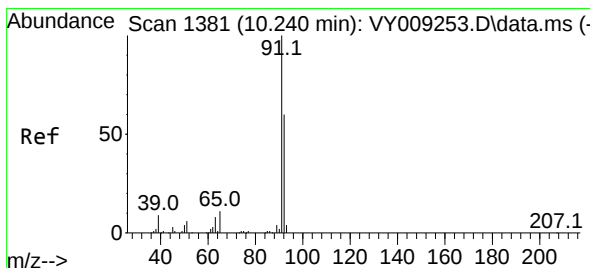
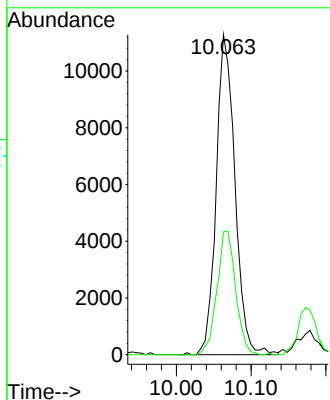
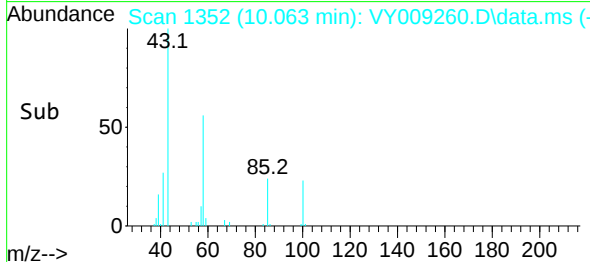
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2022 2.5PPB



Tgt Ion: 43 Resp: 1972
Ion Ratio Lower Upper
43 100
58 38.5 28.1 42.1

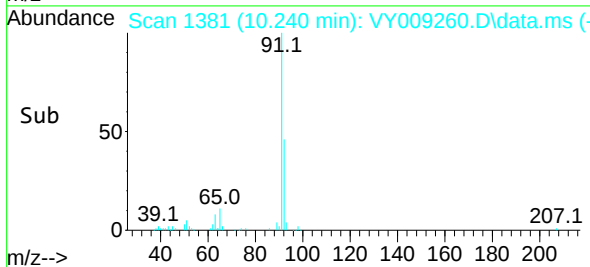
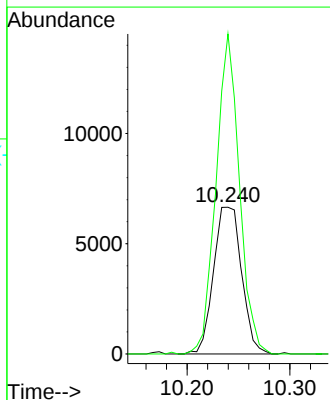
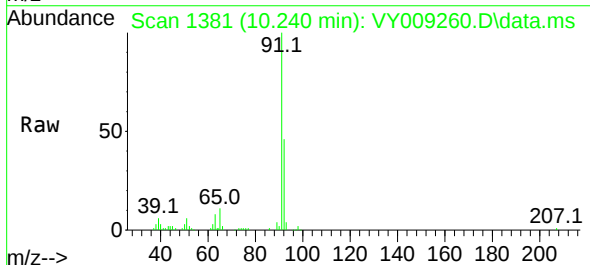
Manual Integrations
APPROVED

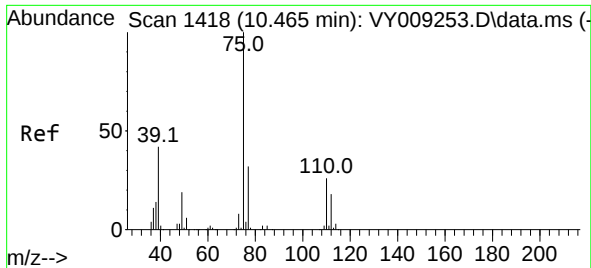
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#52
Toluene
Concen: 2.566 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

Tgt Ion: 92 Resp: 12640
Ion Ratio Lower Upper
92 100
91 181.3 142.6 213.8





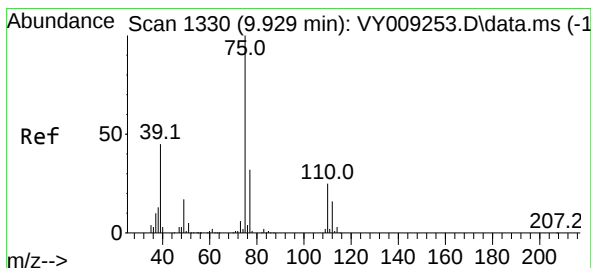
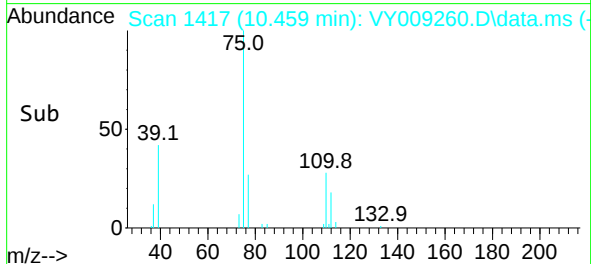
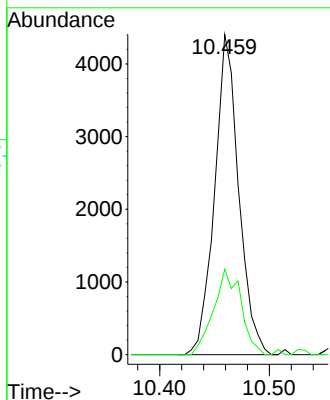
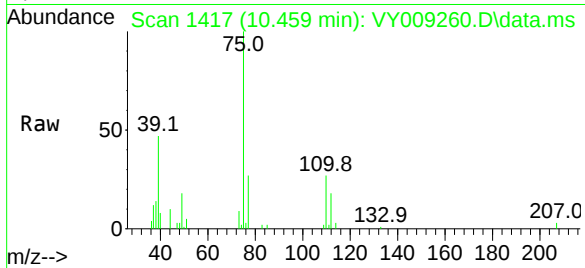
#53
t-1,3-Dichloropropene
Concen: 2.386 ug/l
RT: 10.459 min Scan# 1418
Delta R.T. -0.006 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2022 2.5PPB

Tgt Ion: 75 Resp: 672
Ion Ratio Lower Upper
75 100
77 26.7 25.4 38.2

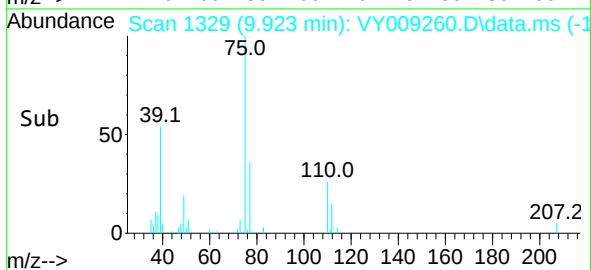
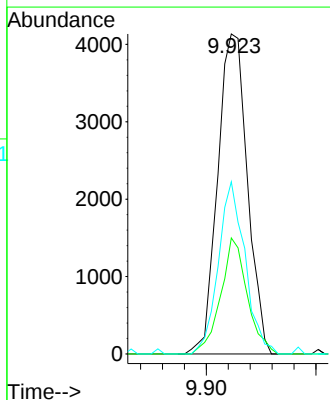
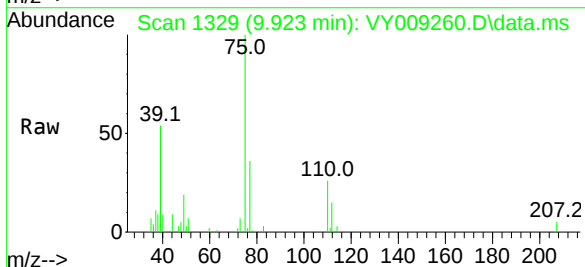
Manual Integrations
APPROVED

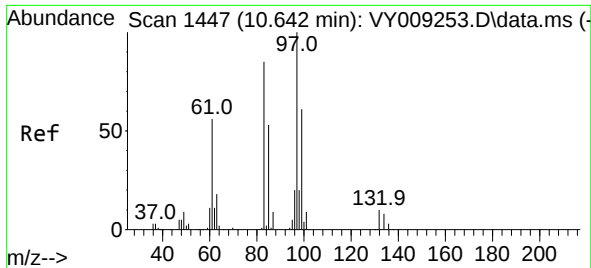
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#54
cis-1,3-Dichloropropene
Concen: 2.423 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.006 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

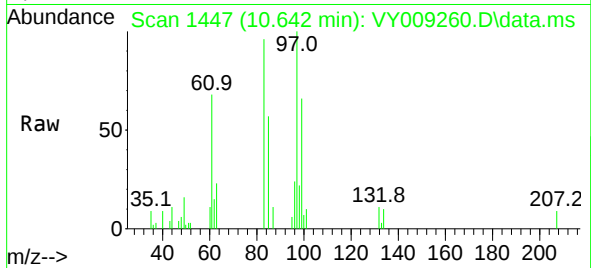
Tgt Ion: 75 Resp: 7776
Ion Ratio Lower Upper
75 100
77 36.2 25.6 38.4
39 53.8 47.6 71.4





#55
1,1,2-Trichloroethane
Concen: 2.531 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

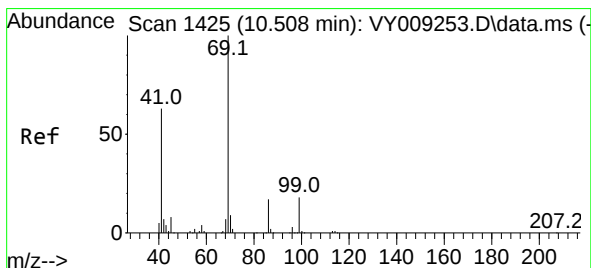
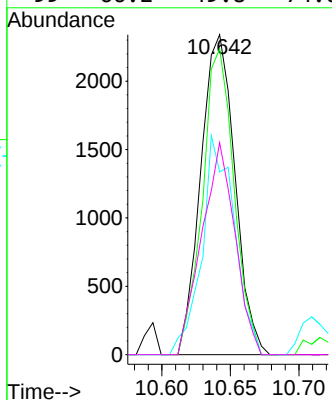
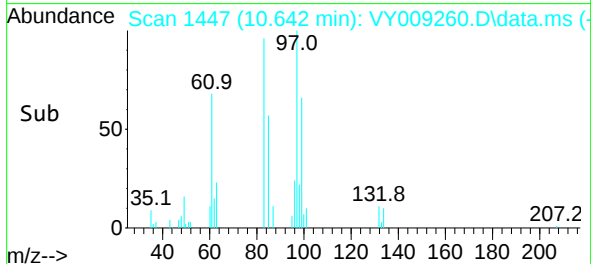
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2022 2.5PPB



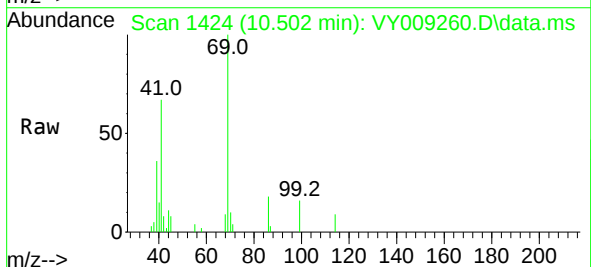
Tgt Ion:	97	Resp:	4056
Ion	Ratio	Lower	Upper
97	100		
83	95.6	69.8	104.8
85	57.1	44.3	66.5
99	66.2	49.8	74.6

Manual Integrations
APPROVED

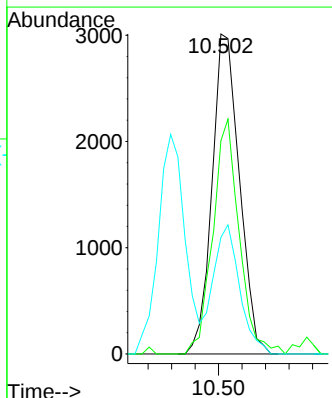
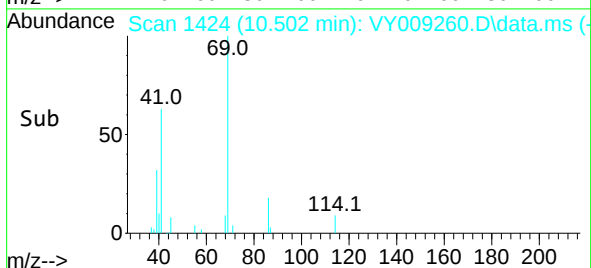
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#56
Ethyl methacrylate
Concen: 2.300 ug/l
RT: 10.502 min Scan# 1424
Delta R.T. -0.006 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46



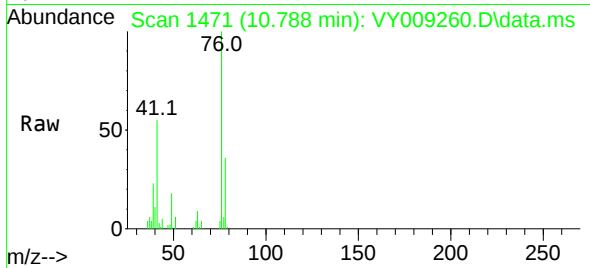
Tgt Ion:	69	Resp:	4876
Ion	Ratio	Lower	Upper
69	100		
41	70.8	63.4	95.0
39	39.4	35.8	53.8





#57
1,3-Dichloropropane
Concen: 2.567 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

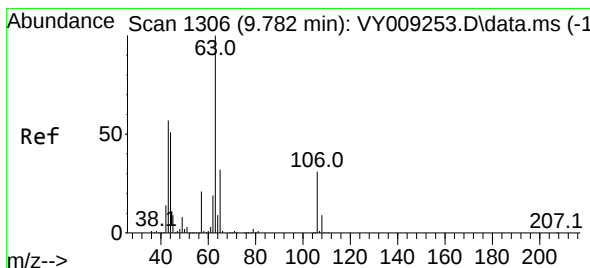
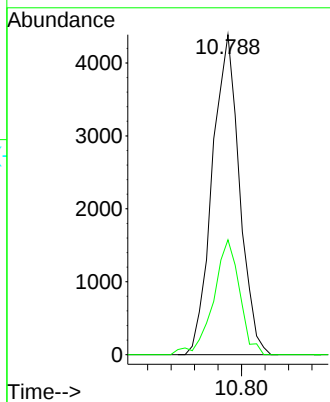
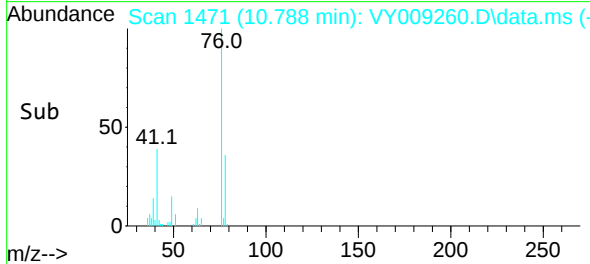
Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022 2.5PPB



Tgt Ion: 76 Resp: 704
Ion Ratio Lower Upper
76 100
78 34.6 25.0 37.6

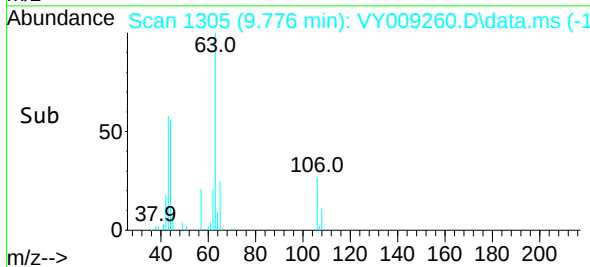
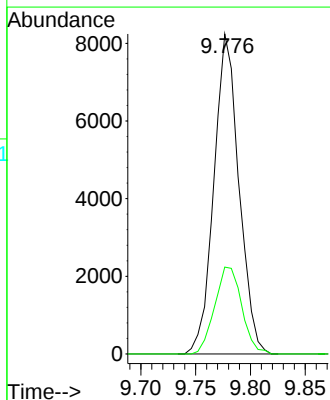
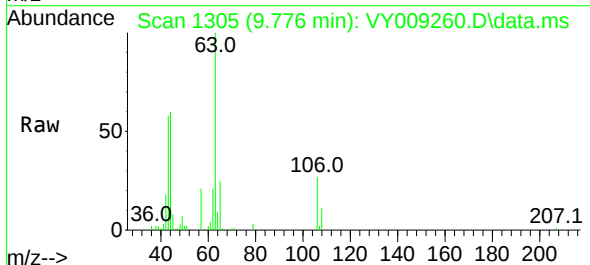
Manual Integrations
APPROVED

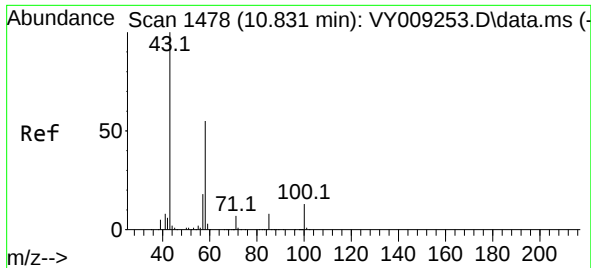
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#58
2-Chloroethyl Vinyl ether
Concen: 14.406 ug/l
RT: 9.776 min Scan# 1305
Delta R.T. -0.006 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

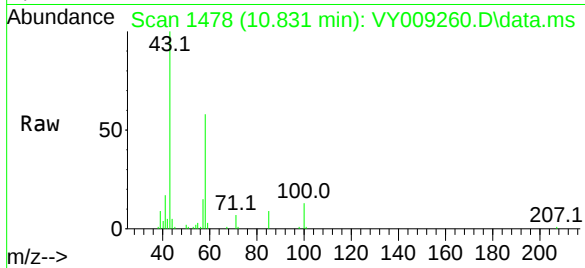
Tgt Ion: 63 Resp: 13102
Ion Ratio Lower Upper
63 100
106 29.3 21.5 32.3





#59
2-Hexanone
Concen: 12.151 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

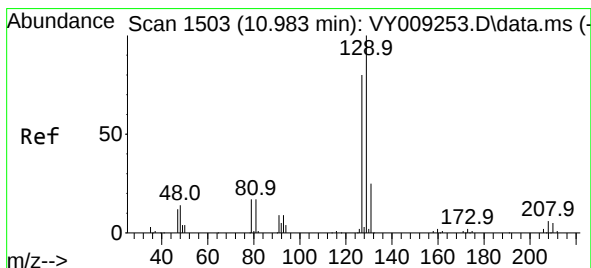
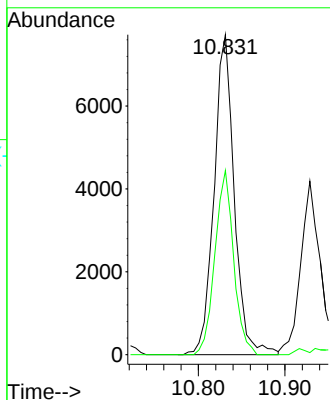
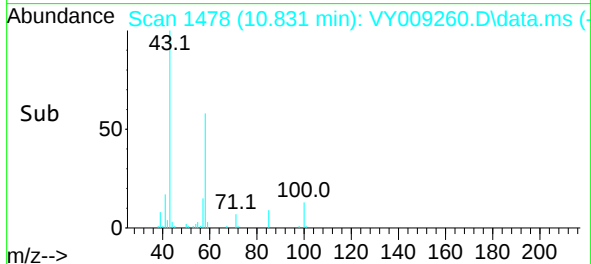
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2022 2.5PPB



Tgt Ion: 43 Resp: 1248
Ion Ratio Lower Upper
43 100
58 53.6 24.4 73.4

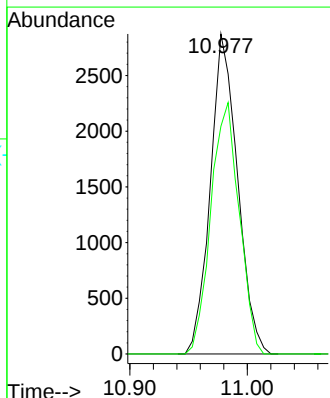
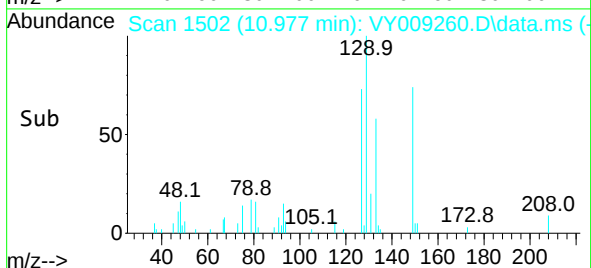
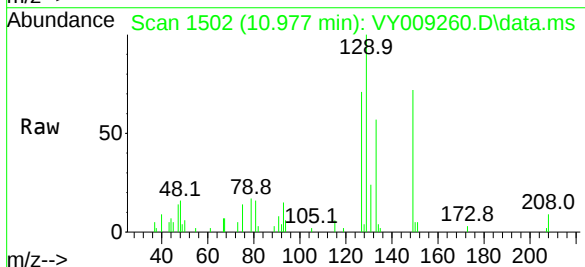
Manual Integrations
APPROVED

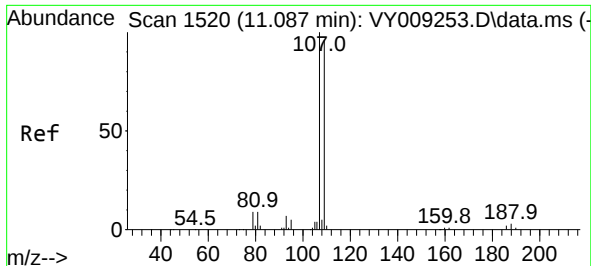
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#60
Dibromochloromethane
Concen: 2.366 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. -0.006 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

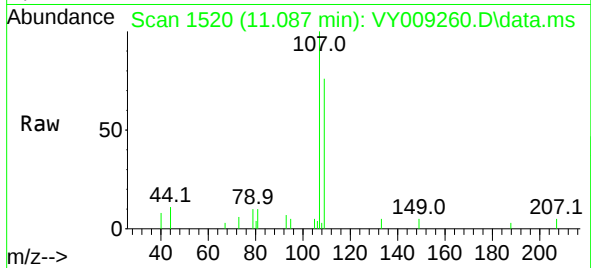
Tgt Ion:129 Resp: 4625
Ion Ratio Lower Upper
129 100
127 81.7 38.7 116.1





#61
1,2-Dibromoethane
Concen: 2.356 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

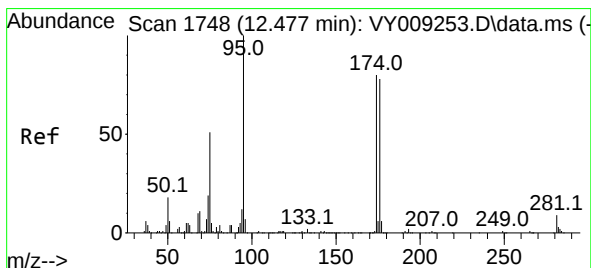
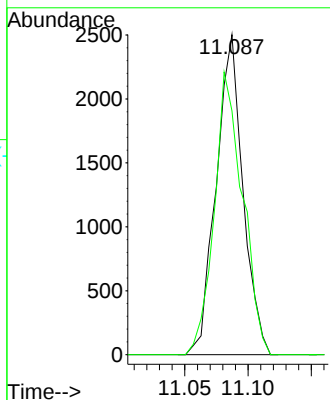
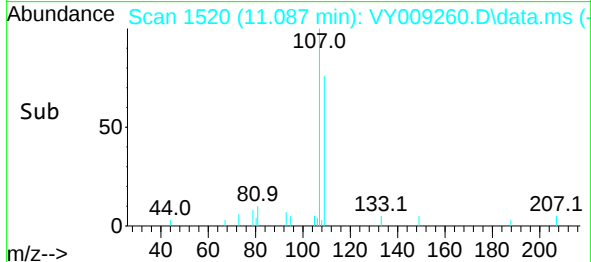
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022 2.5PPB



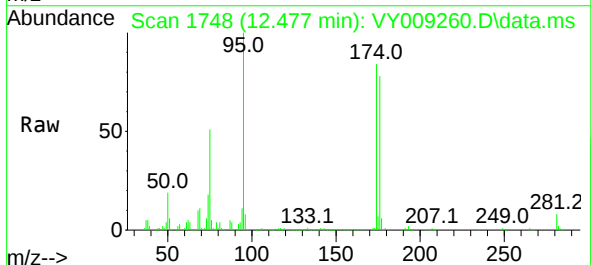
Tgt Ion:107 Resp: 368
Ion Ratio Lower Upper
107 100
109 93.7 75.4 113.2

Manual Integrations
APPROVED

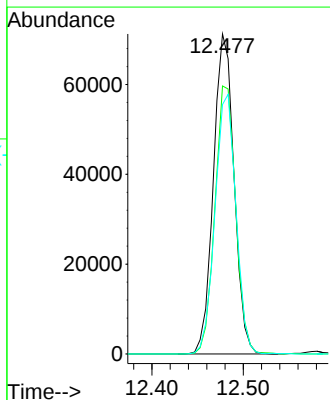
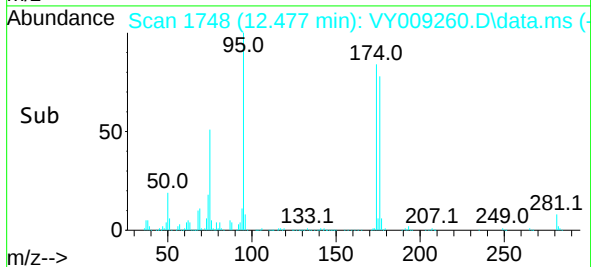
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022

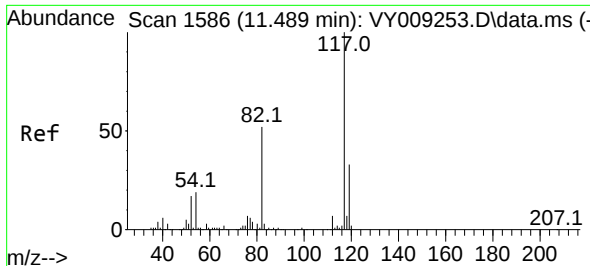


#62
4-Bromofluorobenzene
Concen: 47.764 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46



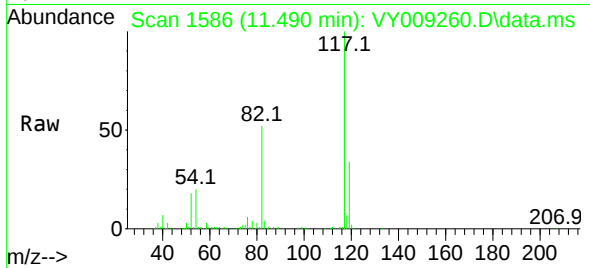
Tgt Ion: 95 Resp: 111615
Ion Ratio Lower Upper
95 100
174 84.4 0.0 177.0
176 82.5 0.0 175.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

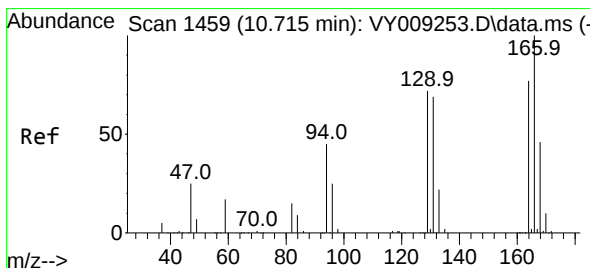
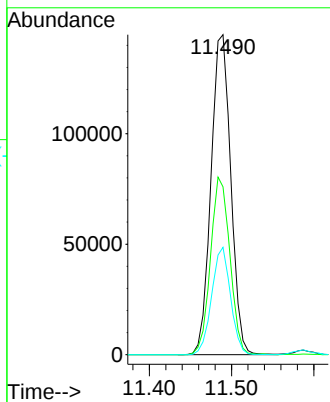
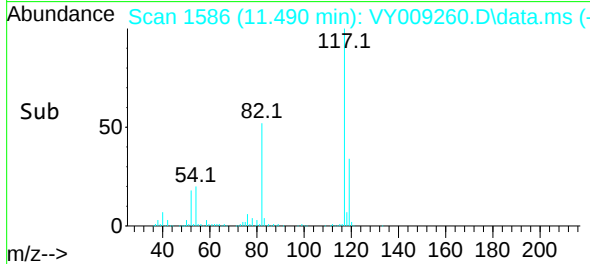
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022 2.5PPB



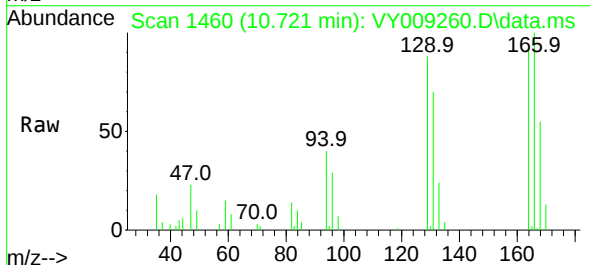
Tgt Ion:117 Resp: 24211
Ion Ratio Lower Upper
117 100
82 52.5 43.0 64.4
119 33.5 25.4 38.0

Manual Integrations
APPROVED

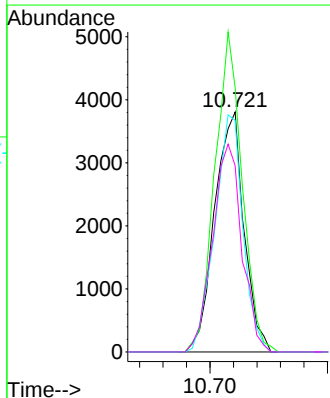
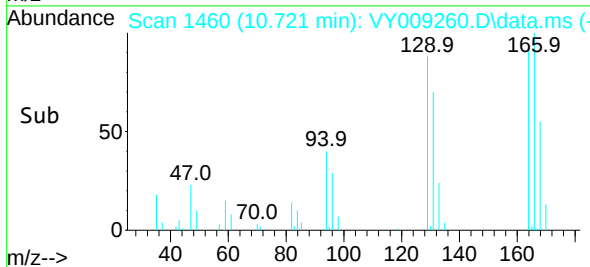
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022

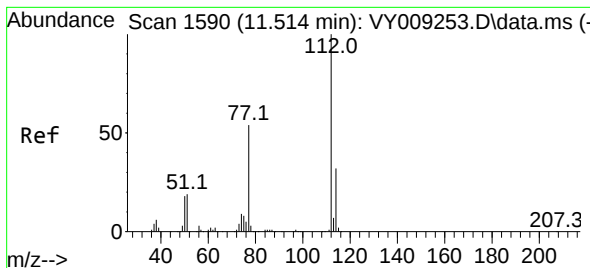


#64
Tetrachloroethene
Concen: 2.831 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46



Tgt Ion:164 Resp: 6613
Ion Ratio Lower Upper
164 100
166 110.1 100.4 150.6
129 96.5 71.4 107.0
131 77.6 70.8 106.2





#65

Chlorobenzene

Concen: 2.587 ug/l

RT: 11.514 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009260.D

Acq: 21 Jun 2022 16:46

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2022 2.5PPB

Tgt Ion:112 Resp: 1410

Ion Ratio Lower Upper

112 100

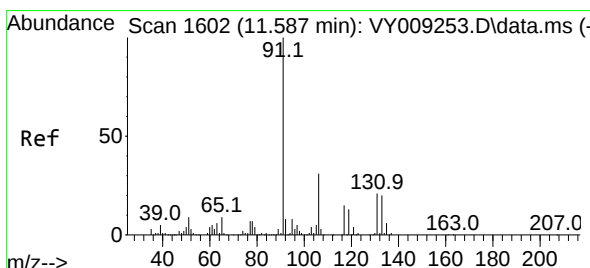
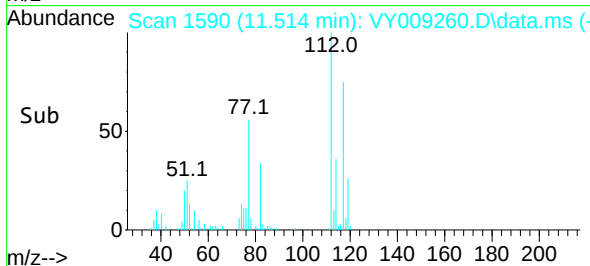
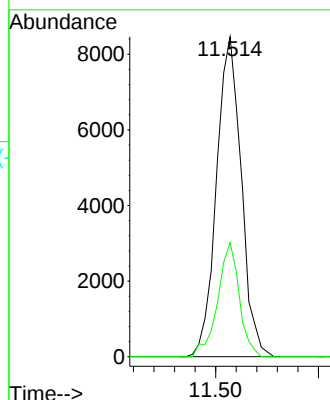
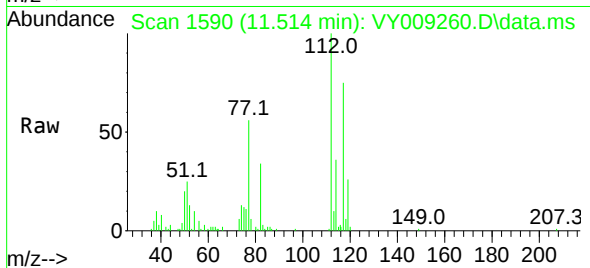
114 35.7 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/23/2022

Supervised By :Semsettin Yesilyurt 06/23/2022



#66

1,1,1,2-Tetrachloroethane

Concen: 2.318 ug/l

RT: 11.581 min Scan# 1601

Delta R.T. -0.006 min

Lab File: VY009260.D

Acq: 21 Jun 2022 16:46

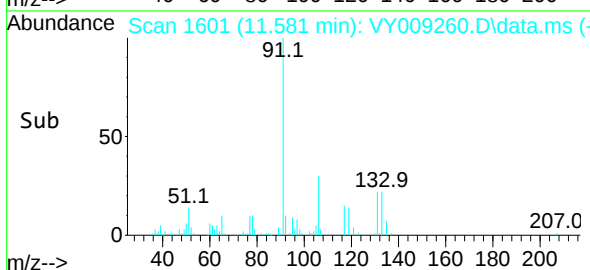
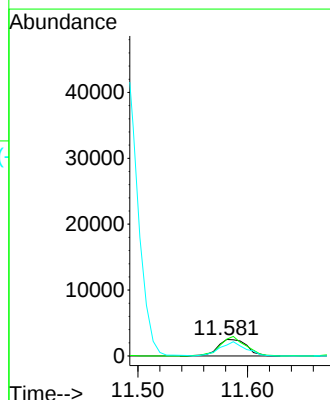
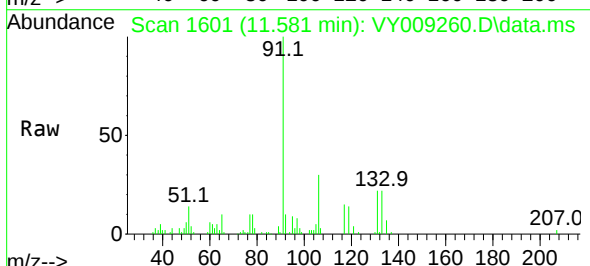
Tgt Ion:131 Resp: 4622

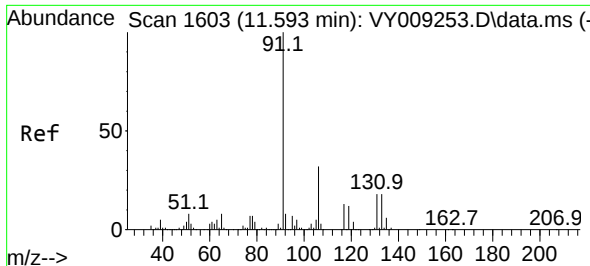
Ion Ratio Lower Upper

131 100

133 103.7 47.9 143.6

119 75.6 30.8 92.3





#67

Ethyl Benzene

Concen: 2.544 ug/l

RT: 11.587 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY009260.D

Acq: 21 Jun 2022 16:46

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2022 2.5PPB

Tgt Ion: 91 Resp: 2404

Ion Ratio Lower Upper

91 100

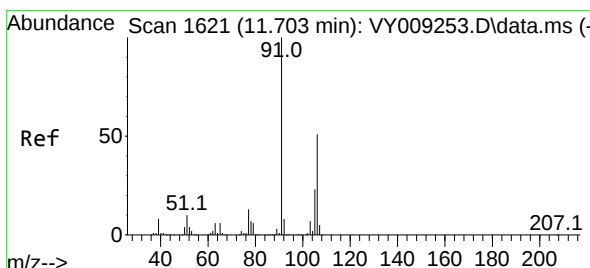
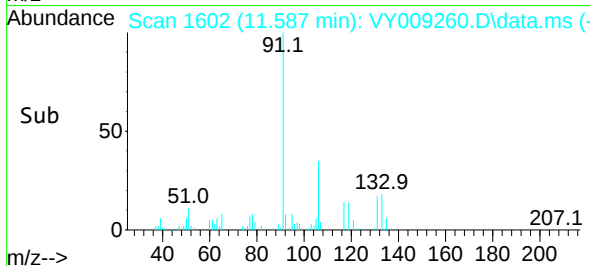
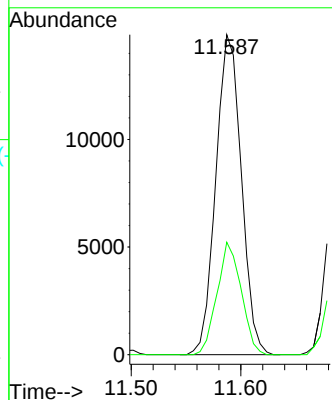
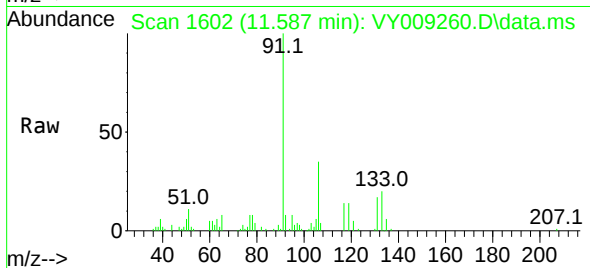
106 35.2 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/23/2022

Supervised By :Semsettin Yesilyurt 06/23/2022



#68

m/p-Xylenes

Concen: 5.038 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.006 min

Lab File: VY009260.D

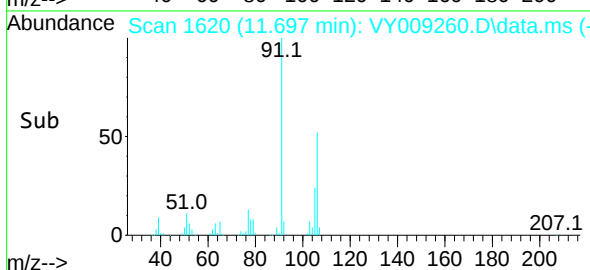
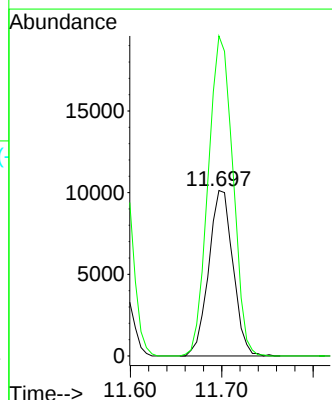
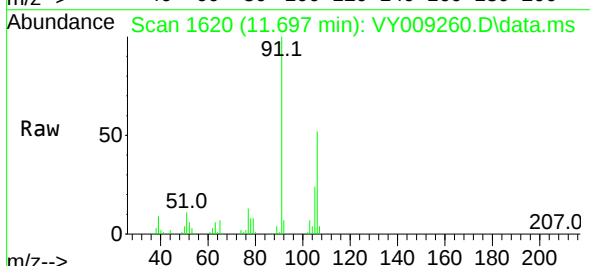
Acq: 21 Jun 2022 16:46

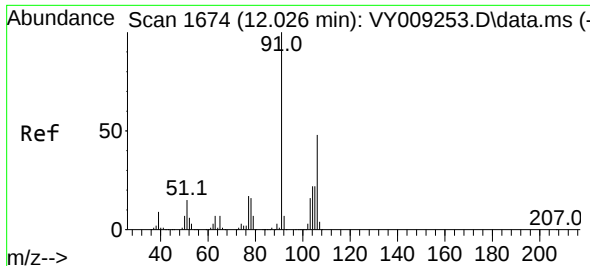
Tgt Ion:106 Resp: 18686

Ion Ratio Lower Upper

106 100

91 196.9 166.6 249.8





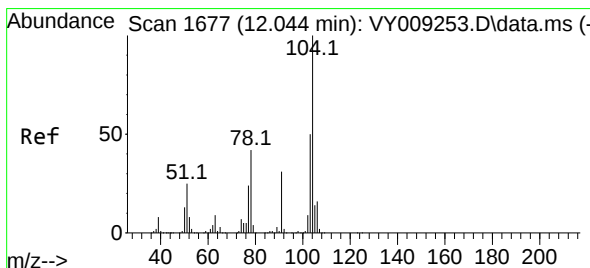
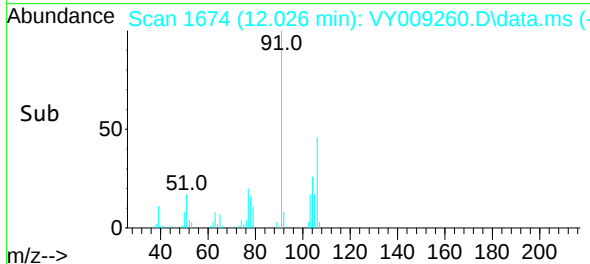
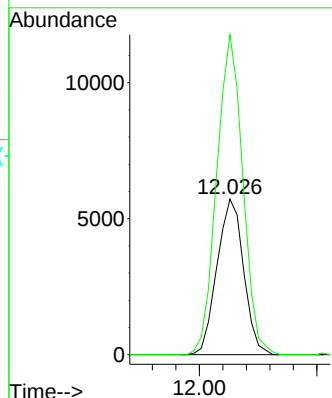
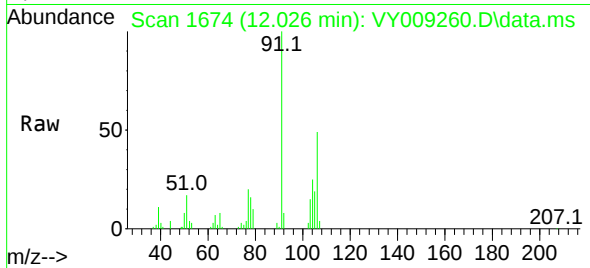
#69
o-Xylene
Concen: 2.548 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2022 2.5PPB

Tgt Ion:106 Resp: 898
Ion Ratio Lower Upper
106 100
91 201.9 110.3 331.0

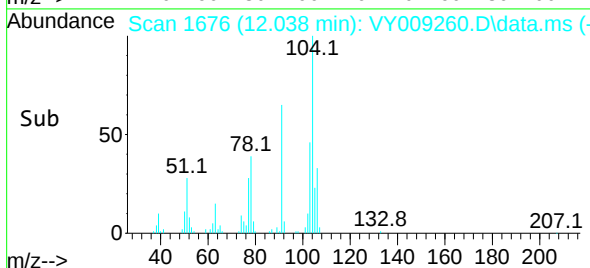
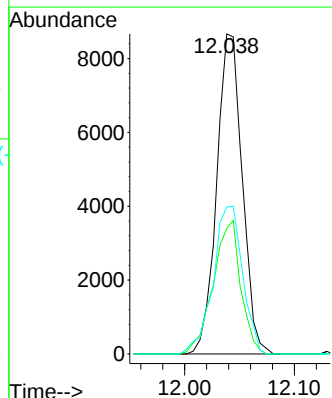
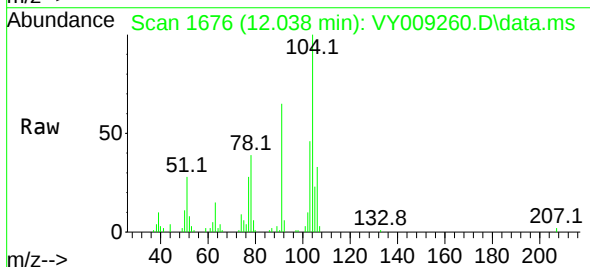
Manual Integrations
APPROVED

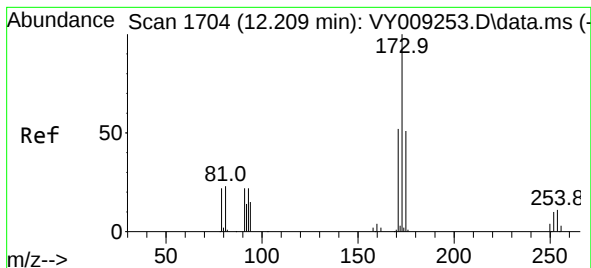
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#70
Styrene
Concen: 2.399 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.006 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

Tgt Ion:104 Resp: 14036
Ion Ratio Lower Upper
104 100
78 45.1 42.4 63.6
103 53.3 44.4 66.6





#71

Bromoform

Concen: 2.352 ug/l

RT: 12.203 min Scan# 1703

Delta R.T. -0.006 min

Lab File: VY009260.D

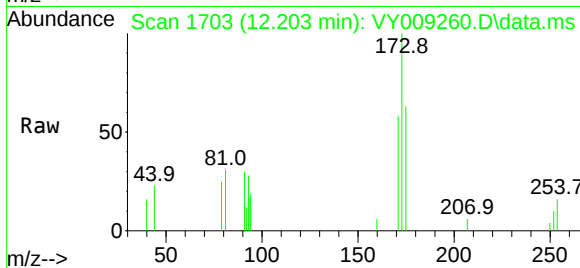
Acq: 21 Jun 2022 16:46

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2022 2.5PPB



Tgt Ion:173 Resp: 2899

Ion Ratio Lower Upper

173 100

175 50.8 24.6 74.0

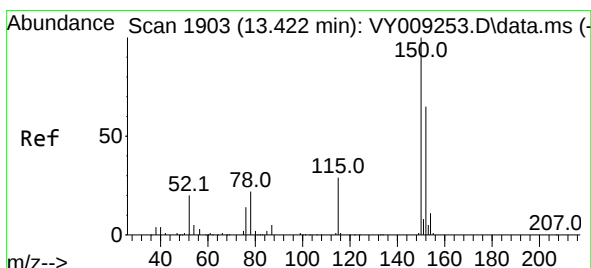
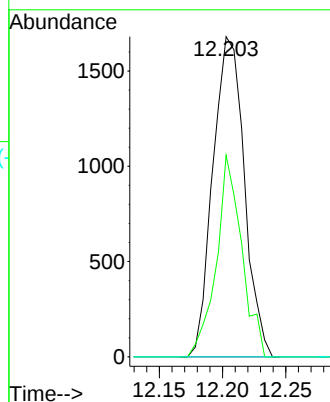
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/23/2022

Supervised By :Semsettin Yesilyurt 06/23/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY009260.D

Acq: 21 Jun 2022 16:46

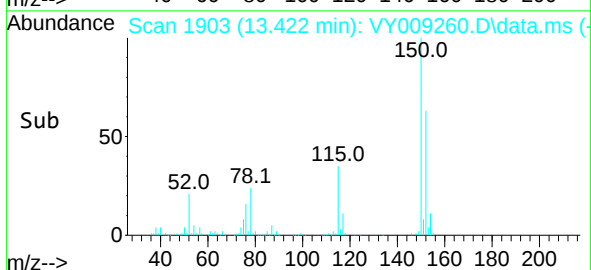
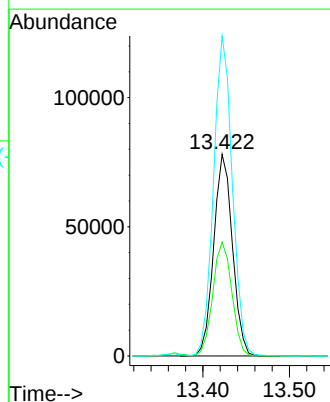
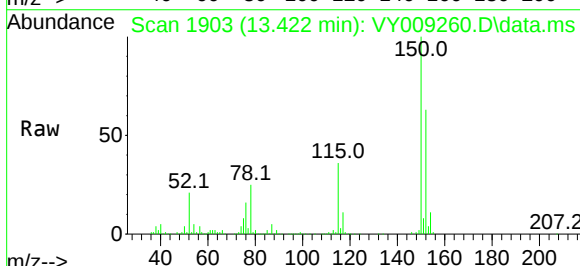
Tgt Ion:152 Resp: 117425

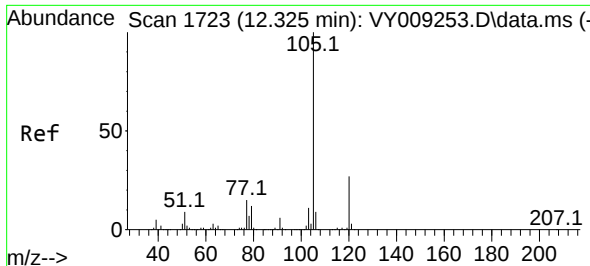
Ion Ratio Lower Upper

152 100

115 57.3 28.2 84.7

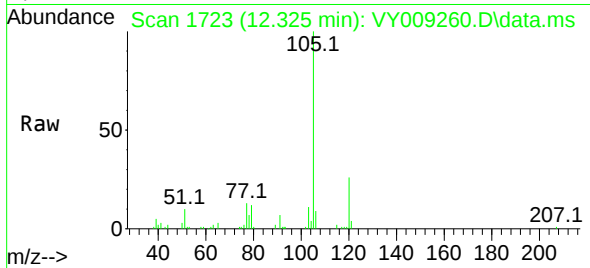
150 159.0 0.0 347.6





#73
Isopropylbenzene
Concen: 2.419 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

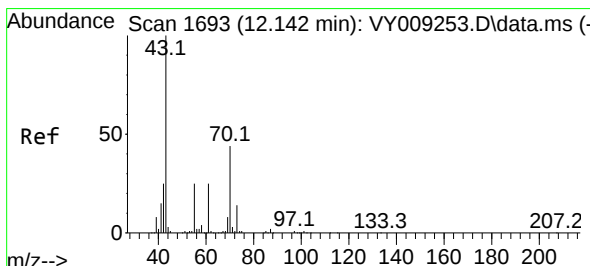
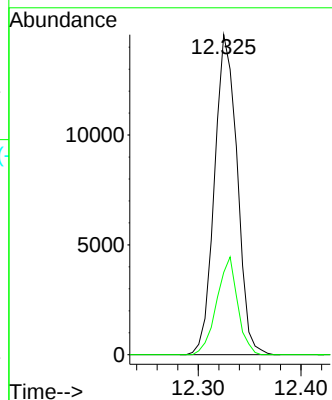
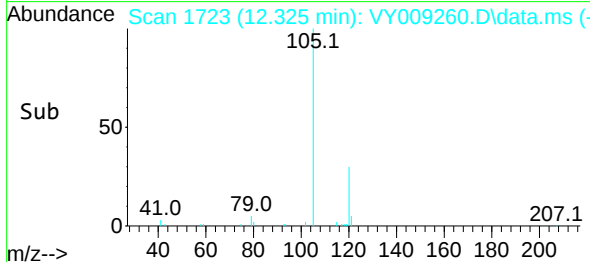
Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022 2.5PPB



Tgt Ion:105 Resp: 2228
Ion Ratio Lower Upper
105 100
120 28.0 13.4 40.2

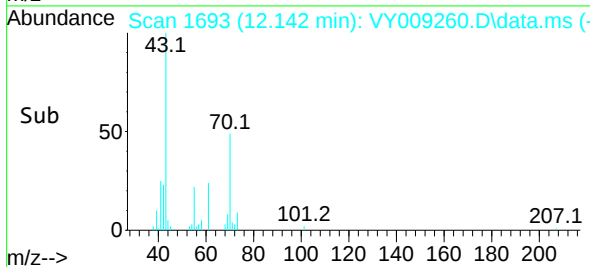
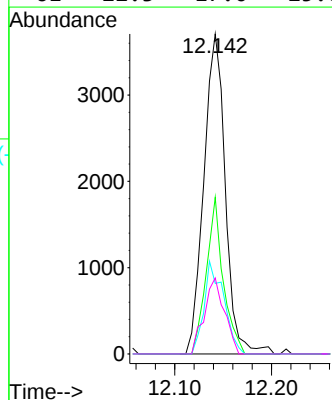
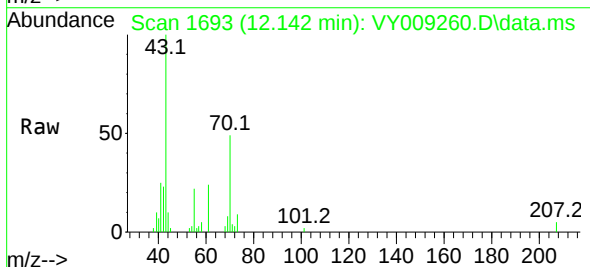
Manual Integrations
APPROVED

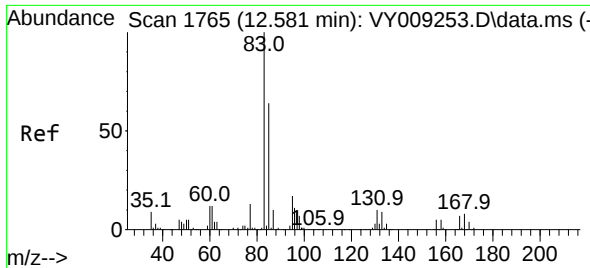
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#74
N-ethyl acetate
Concen: 2.330 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

Tgt Ion: 43 Resp: 5734
Ion Ratio Lower Upper
43 100
70 38.6 28.7 43.1
55 26.5 17.3 25.9#
61 22.3 17.0 25.6





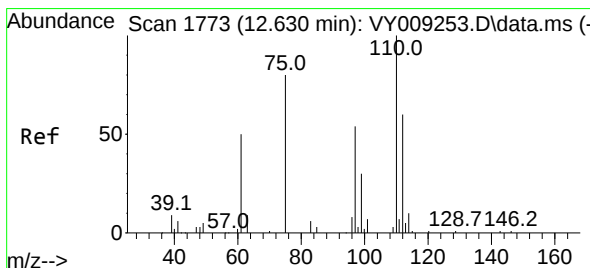
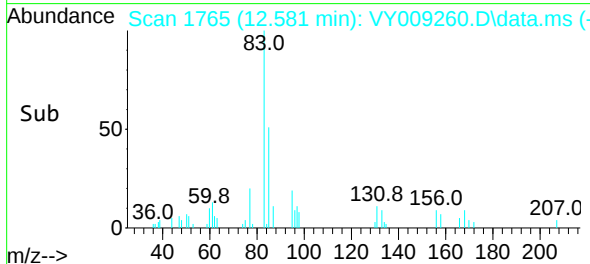
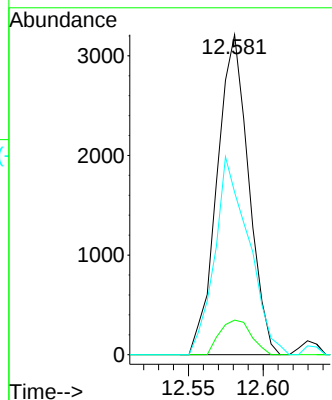
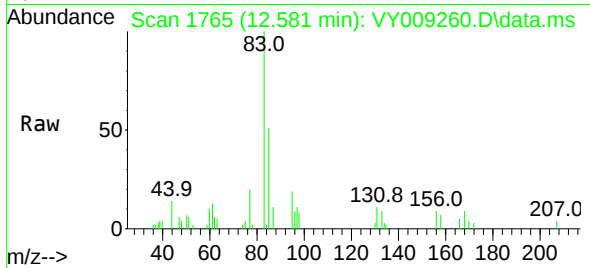
#75
1,1,2,2-Tetrachloroethane
Concen: 2.688 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2022 2.5PPB

Tgt Ion: 83 Resp: 471
Ion Ratio Lower Upper
83 100
131 10.8 5.6 16.8
85 66.5 32.3 96.8

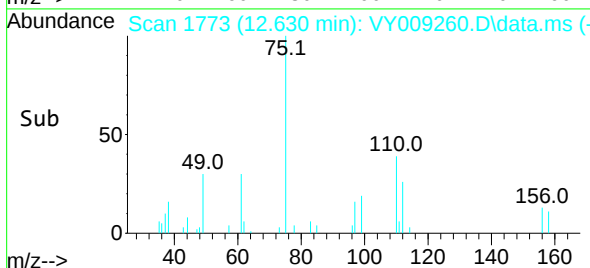
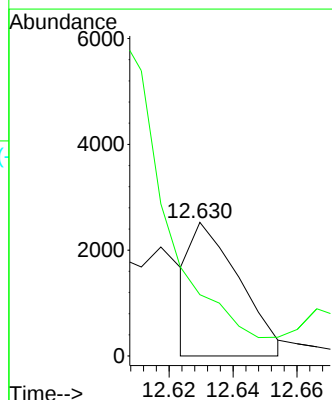
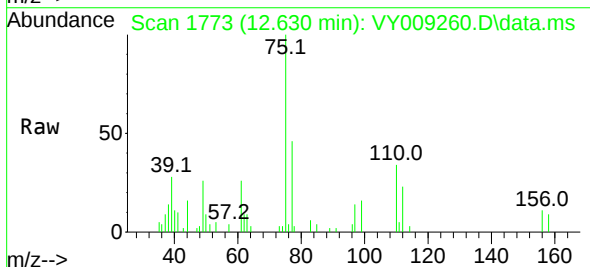
Manual Integrations
APPROVED

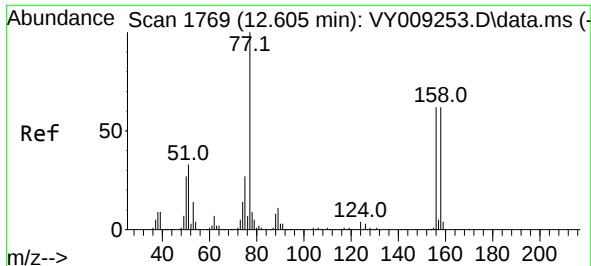
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#76
1,2,3-Trichloropropane
Concen: 1.911 ug/l m
RT: 12.630 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

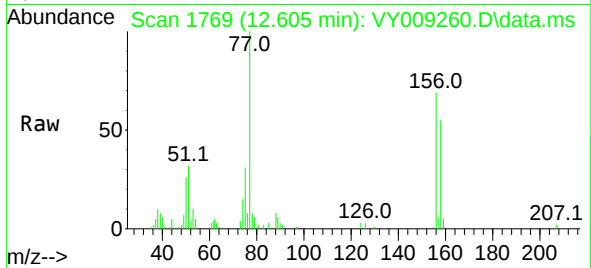
Tgt Ion: 75 Resp: 2631
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 2.677 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

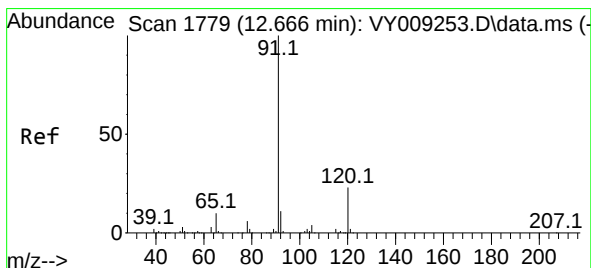
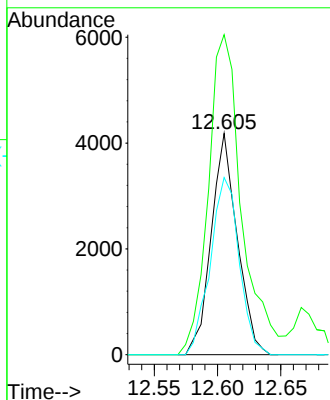
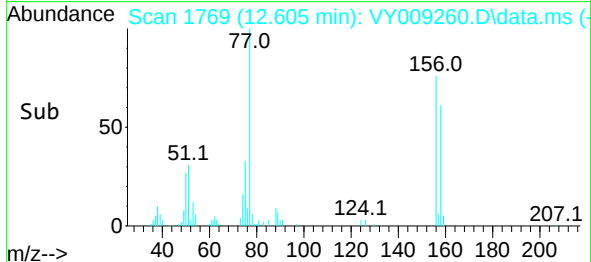
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2022 2.5PPB



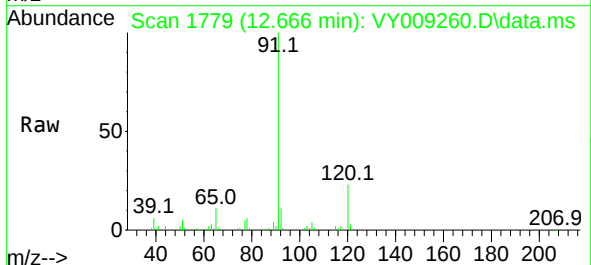
Tgt Ion: 156 Resp: 599
Ion Ratio Lower Upper
156 100
77 184.3 95.5 286.4
158 88.6 48.0 144.0

Manual Integrations
APPROVED

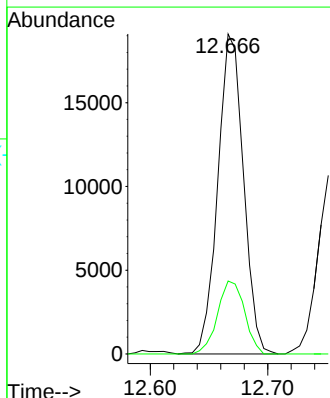
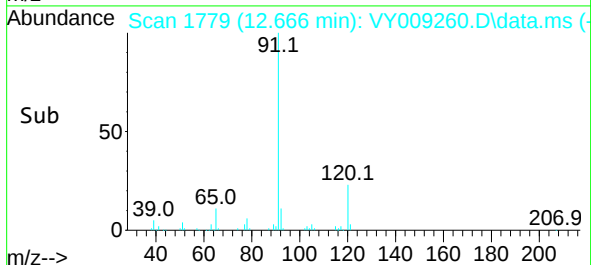
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022

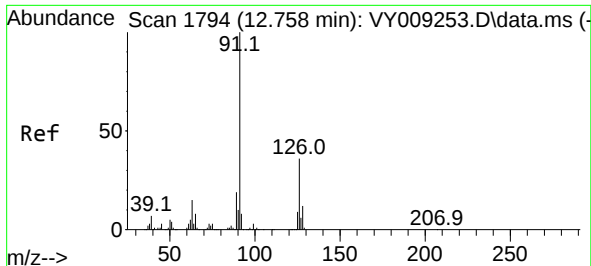


#78
n-propylbenzene
Concen: 2.615 ug/l
RT: 12.666 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46



Tgt Ion: 91 Resp: 29025
Ion Ratio Lower Upper
91 100
120 23.9 11.3 33.9





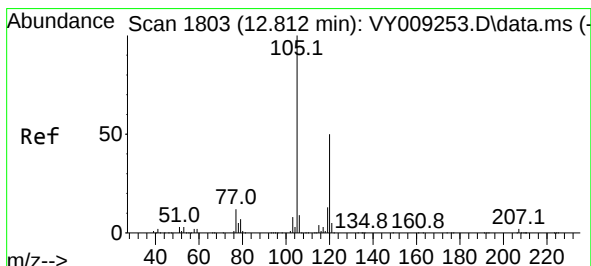
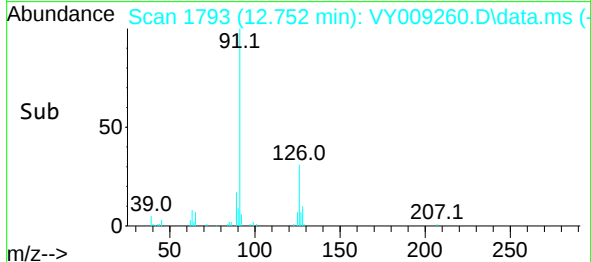
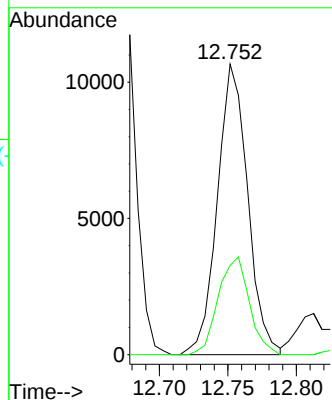
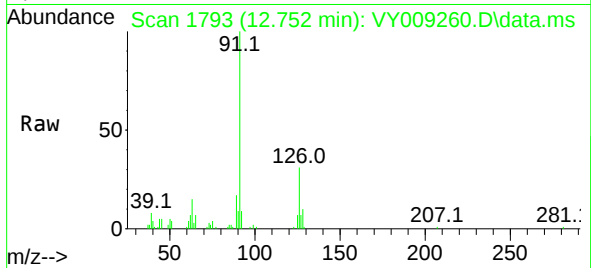
#79
2-Chlorotoluene
Concen: 2.629 ug/l
RT: 12.752 min Scan# 1794
Delta R.T. -0.006 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022 2.5PPB

Tgt Ion: 91 Resp: 16438
Ion Ratio Lower Upper
91 100
126 34.4 16.9 50.6

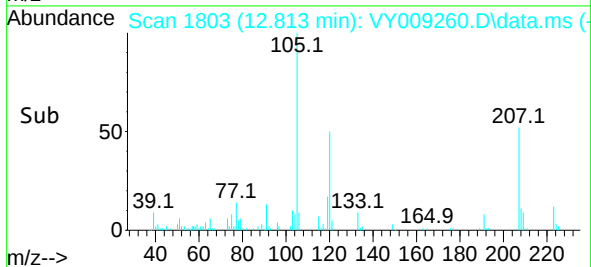
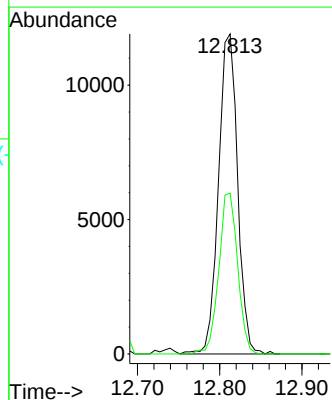
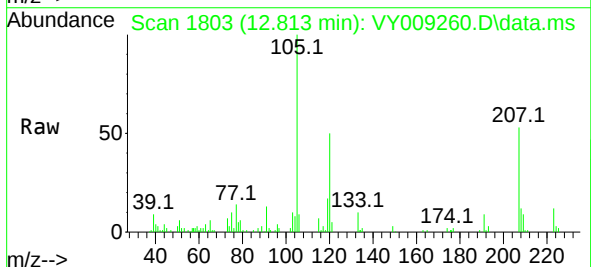
Manual Integrations
APPROVED

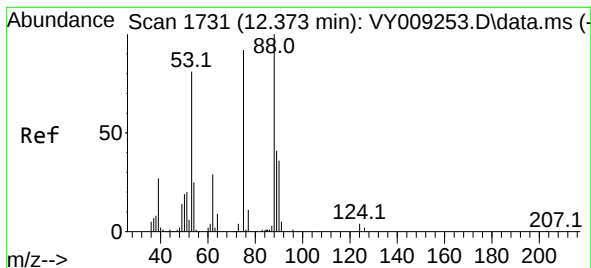
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#80
1,3,5-Trimethylbenzene
Concen: 2.515 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.001 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

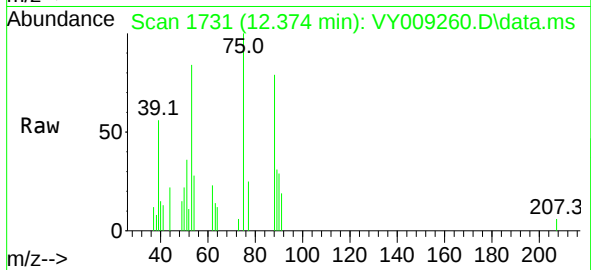
Tgt Ion:105 Resp: 19237
Ion Ratio Lower Upper
105 100
120 49.5 24.4 73.4





#81
trans-1,4-Dichloro-2-butene
Concen: 2.518 ug/l m
RT: 12.374 min Scan# 1731
Delta R.T. 0.001 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

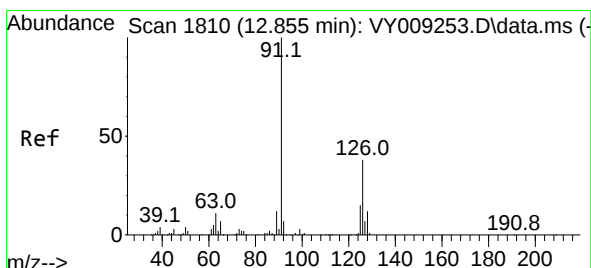
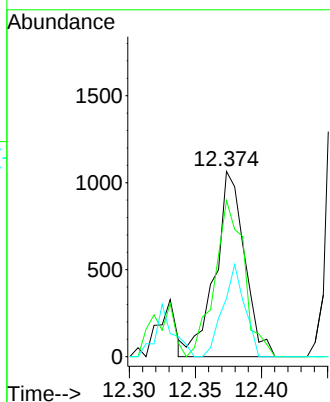
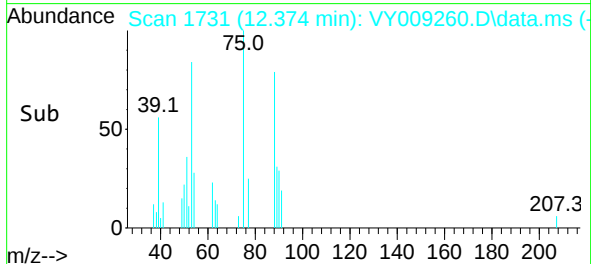
Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022 2.5PPB



Tgt Ion: 75 Resp: 1639
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9
89 3.0 37.0 55.4

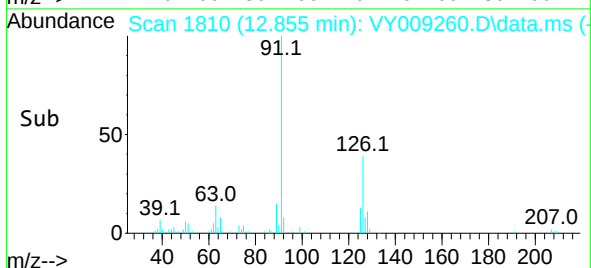
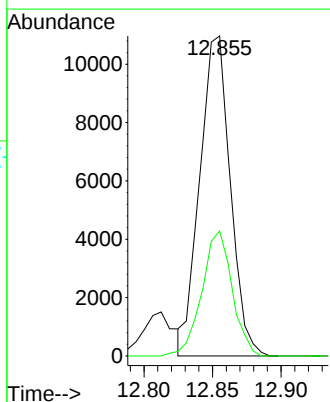
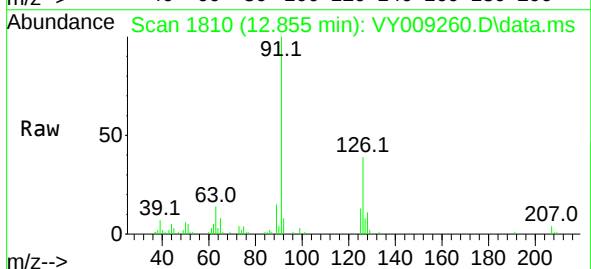
Manual Integrations
APPROVED

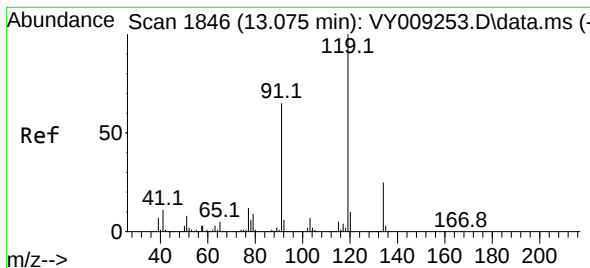
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#82
4-Chlorotoluene
Concen: 2.603 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

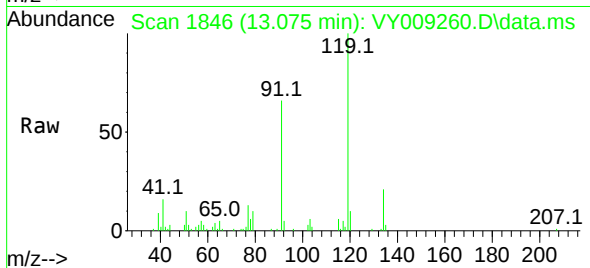
Tgt Ion: 91 Resp: 16972
Ion Ratio Lower Upper
91 100
126 38.7 17.0 51.0





#83
tert-Butylbenzene
Concen: 2.608 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

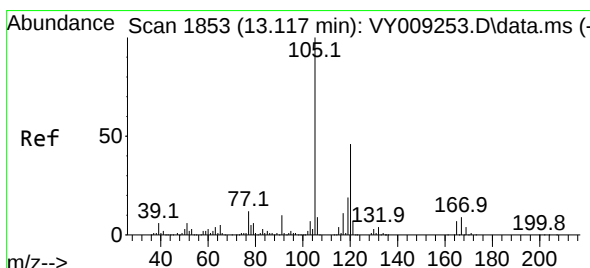
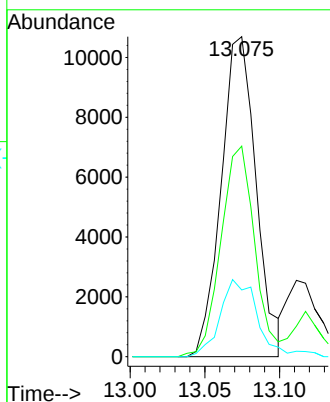
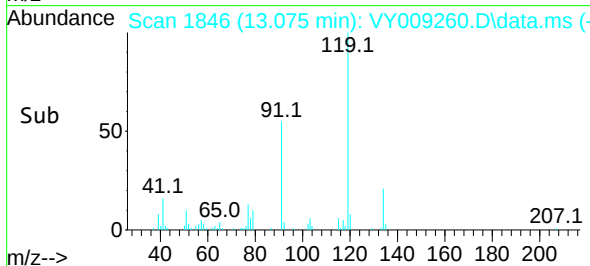
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2022 2.5PPB



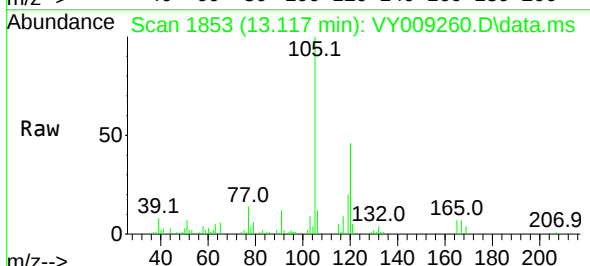
Tgt Ion:119 Resp: 17398
Ion Ratio Lower Upper
119 100
91 63.3 34.8 104.4
134 26.1 13.3 39.9

Manual Integrations
APPROVED

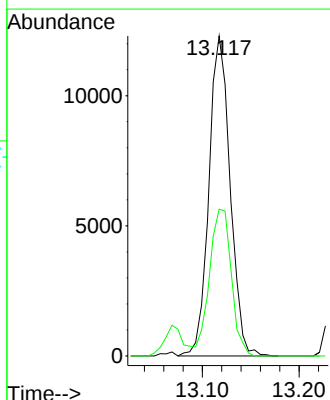
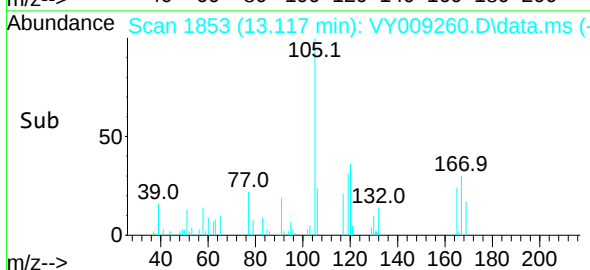
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022

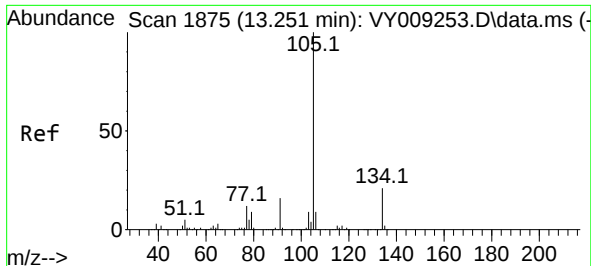


#84
1,2,4-Trimethylbenzene
Concen: 2.504 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46



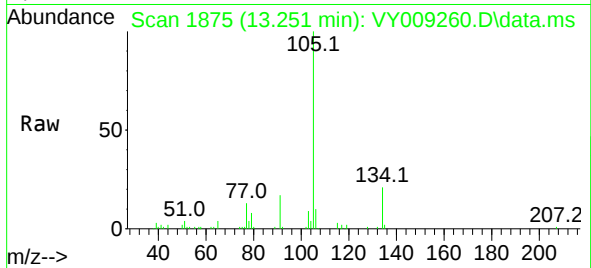
Tgt Ion:105 Resp: 18765
Ion Ratio Lower Upper
105 100
120 46.9 22.3 66.9





#85
 sec-Butylbenzene
 Concen: 2.622 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY009260.D
 Acq: 21 Jun 2022 16:46

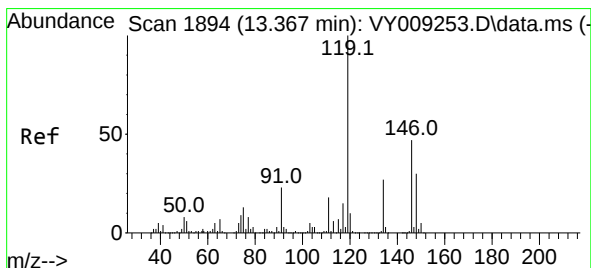
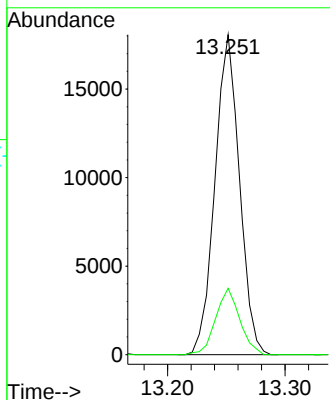
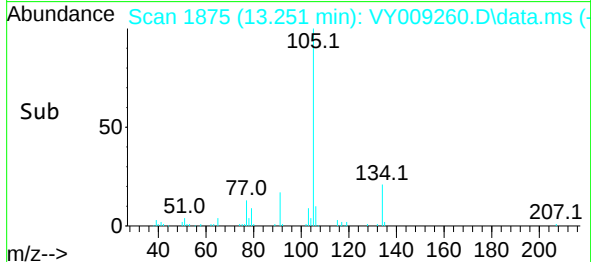
Instrument : MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2022 2.5PPB



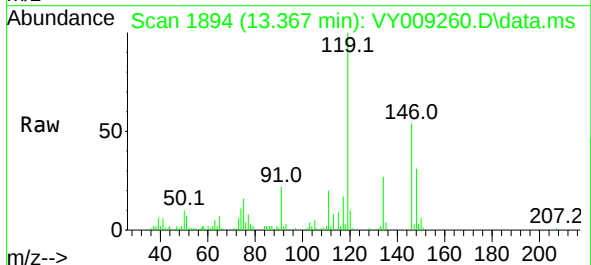
Tgt Ion:105 Resp: 2617
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.2 30.4

Manual Integrations
 APPROVED

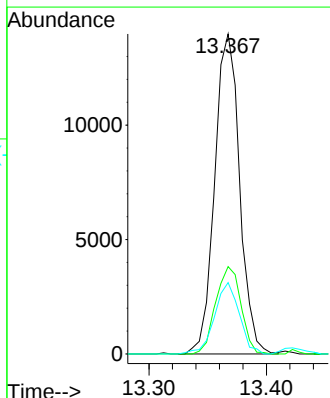
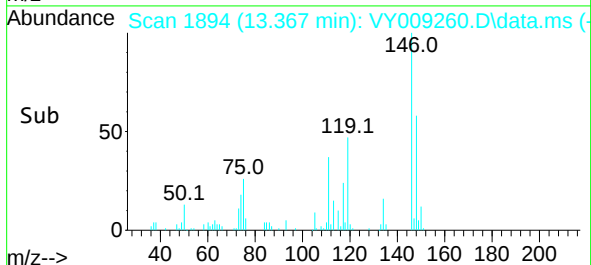
Reviewed By :Mahesh Dadoda 06/23/2022
 Supervised By :Semsettin Yesilyurt 06/23/2022

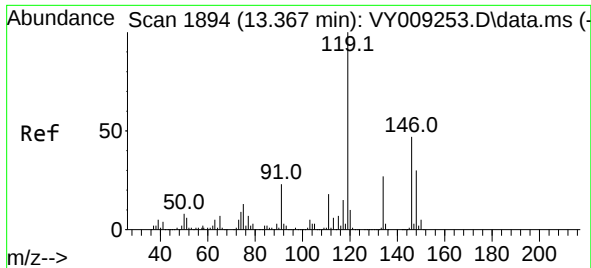


#86
 p-Isopropyltoluene
 Concen: 2.483 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY009260.D
 Acq: 21 Jun 2022 16:46



Tgt Ion:119 Resp: 20608
 Ion Ratio Lower Upper
 119 100
 134 27.6 13.2 39.5
 91 22.1 12.4 37.2





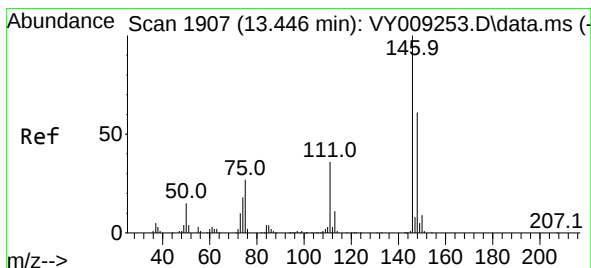
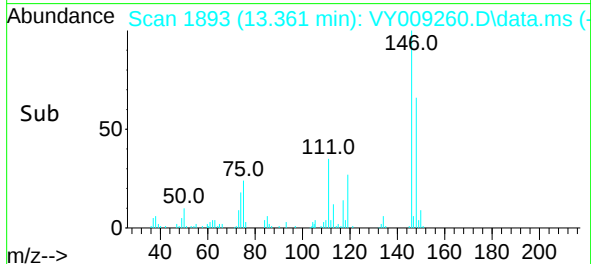
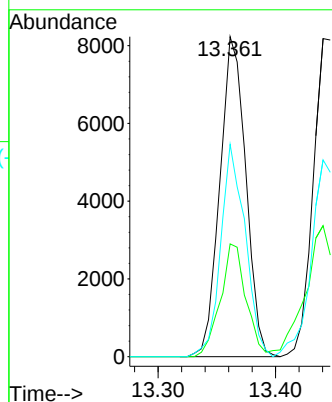
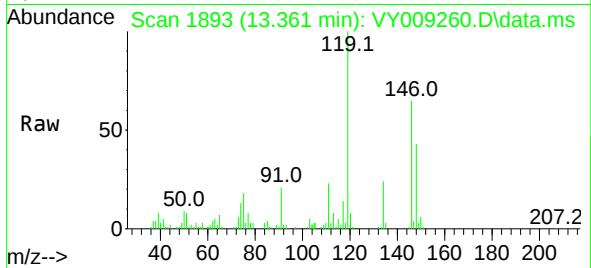
#87
1,3-Dichlorobenzene
Concen: 2.923 ug/l
RT: 13.361 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022 2.5PPB

Tgt Ion:146 Resp: 1264
Ion Ratio Lower Upper
146 100
111 34.8 19.5 58.5
148 62.6 31.6 95.0

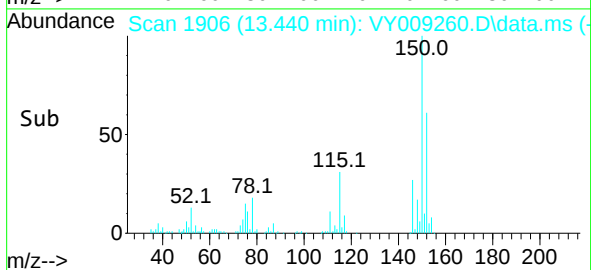
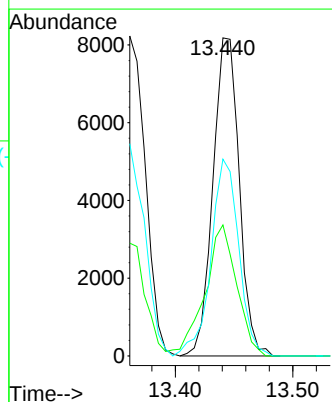
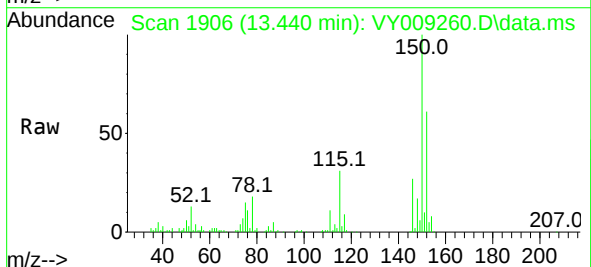
Manual Integrations
APPROVED

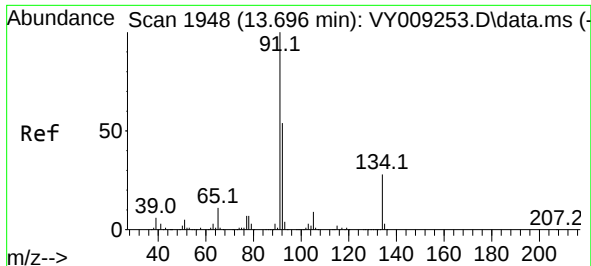
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#88
1,4-Dichlorobenzene
Concen: 2.931 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

Tgt Ion:146 Resp: 12719
Ion Ratio Lower Upper
146 100
111 49.9 19.3 57.8
148 65.6 32.6 97.8





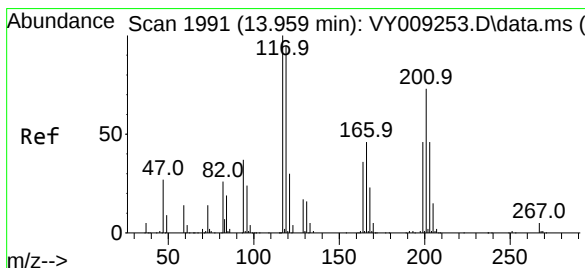
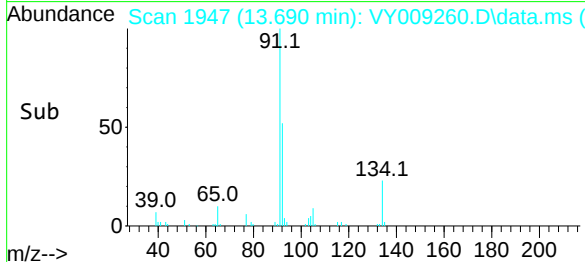
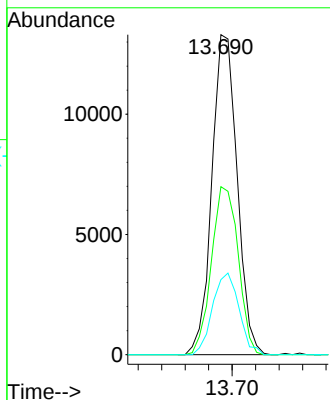
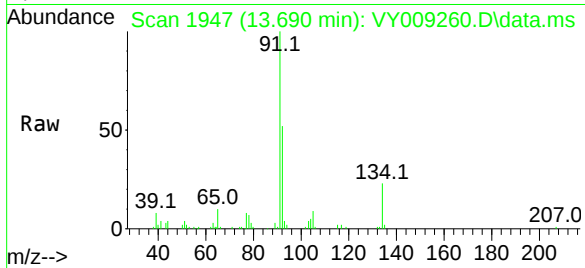
#89
n-Butylbenzene
Concen: 2.573 ug/l
RT: 13.690 min Scan# 1948
Delta R.T. -0.006 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022 2.5PPB

Tgt Ion: 91 Resp: 1988
Ion Ratio Lower Upper
91 100
92 55.6 26.3 78.9
134 26.7 13.0 38.9

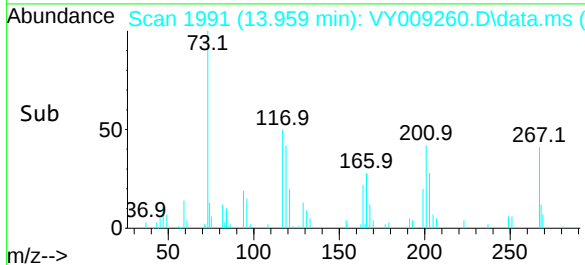
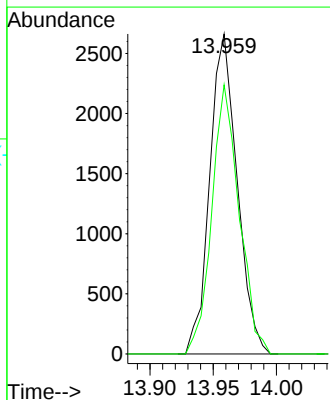
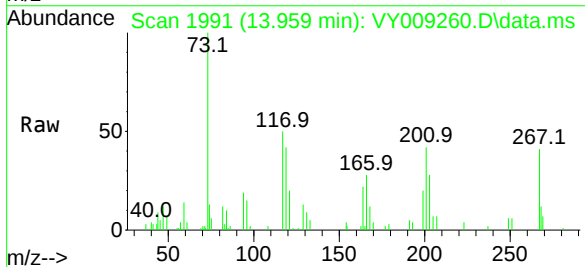
Manual Integrations
APPROVED

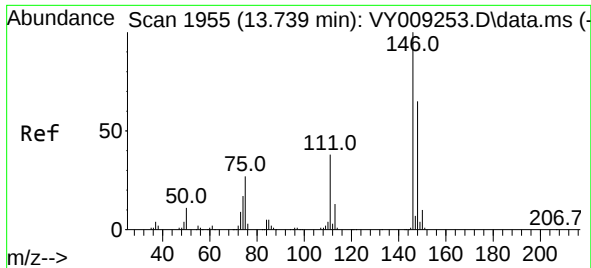
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#90
Hexachloroethane
Concen: 2.554 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

Tgt Ion:117 Resp: 4020
Ion Ratio Lower Upper
117 100
201 83.8 43.0 128.8





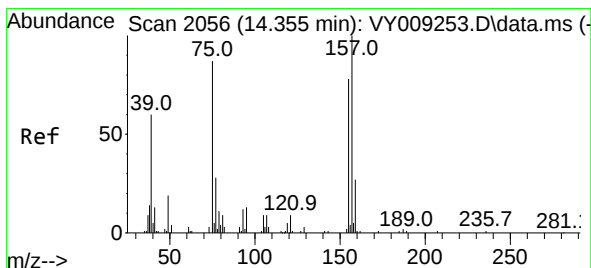
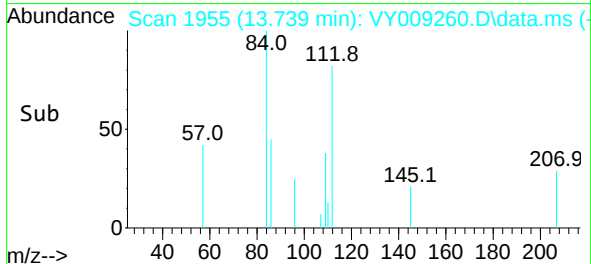
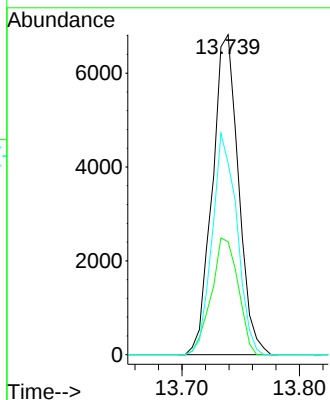
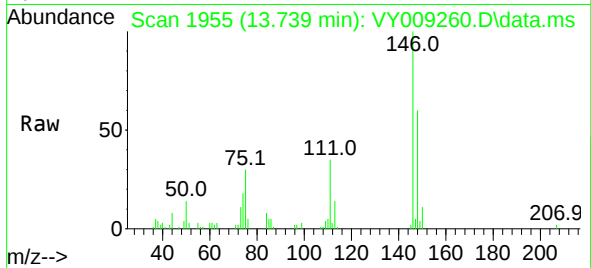
#91
1,2-Dichlorobenzene
Concen: 2.713 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2022 2.5PPB

Tgt Ion:146 Resp: 1054
Ion Ratio Lower Upper
146 100
111 37.3 20.3 60.9
148 65.3 32.3 96.9

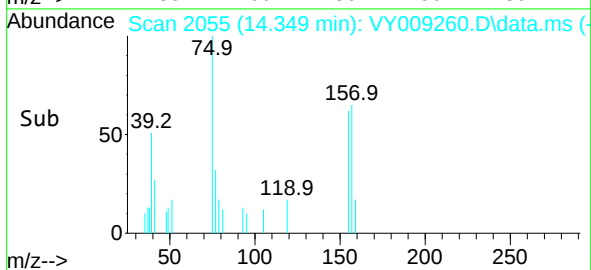
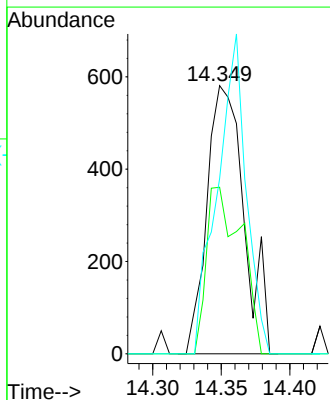
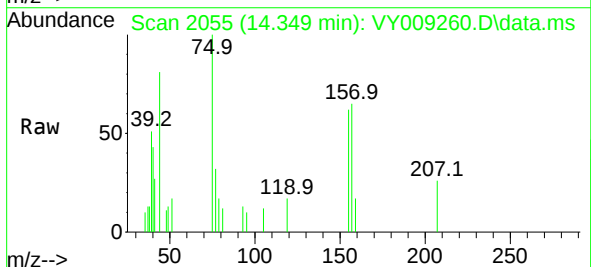
Manual Integrations
APPROVED

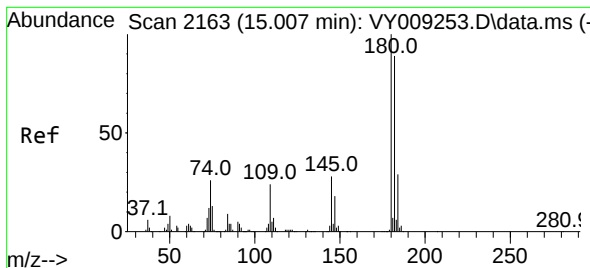
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 3.514 ug/l
RT: 14.349 min Scan# 2055
Delta R.T. -0.006 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

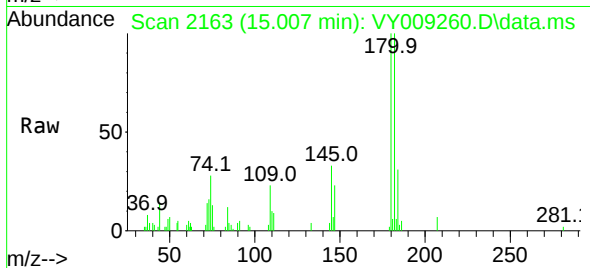
Tgt Ion: 75 Resp: 1097
Ion Ratio Lower Upper
75 100
155 58.6 38.0 113.9
157 92.7 47.8 143.3





#93
1,2,4-Trichlorobenzene
Concen: 2.732 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

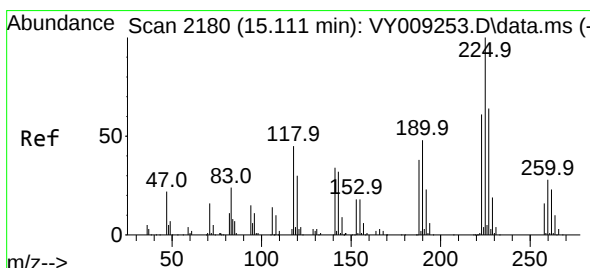
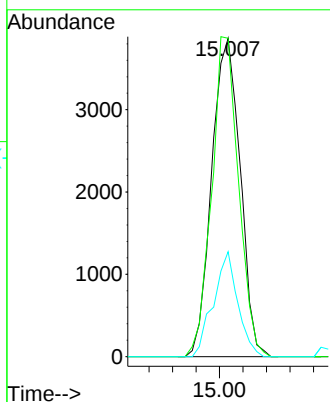
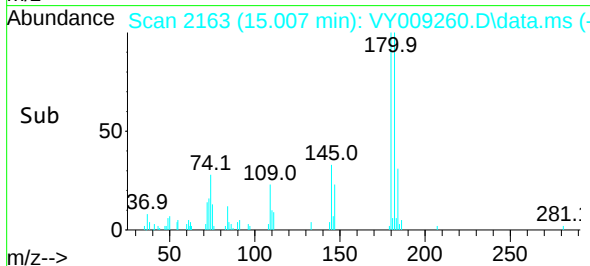
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2022 2.5PPB



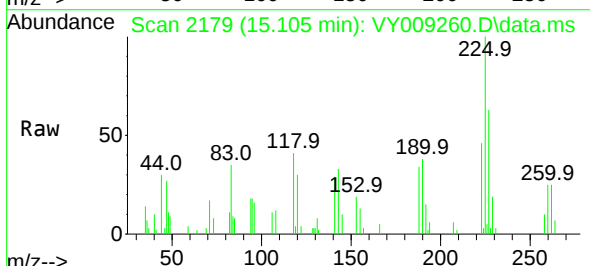
Tgt Ion:180 Resp: 6490
Ion Ratio Lower Upper
180 100
182 95.0 47.3 141.9
145 28.2 14.6 43.8

Manual Integrations
APPROVED

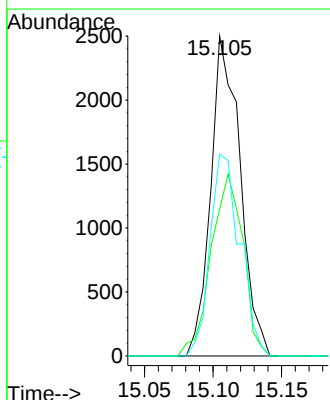
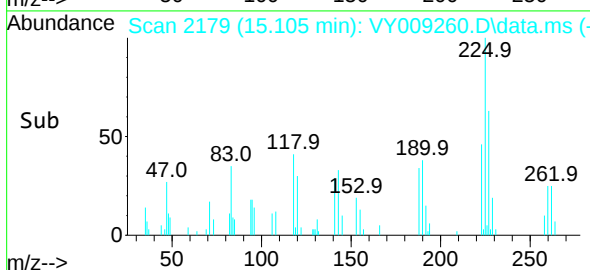
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022

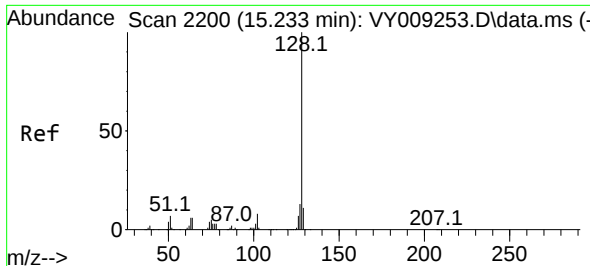


#94
Hexachlorobutadiene
Concen: 2.913 ug/l
RT: 15.105 min Scan# 2179
Delta R.T. -0.006 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46



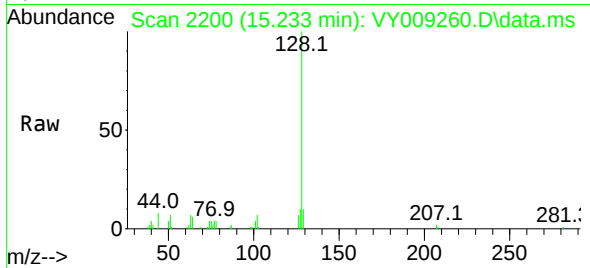
Tgt Ion:225 Resp: 3726
Ion Ratio Lower Upper
225 100
223 61.7 30.8 92.3
227 64.8 31.6 94.7





#95
Naphthalene
Concen: 2.552 ug/l
RT: 15.233 min Scan# 2117
Delta R.T. -0.000 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46

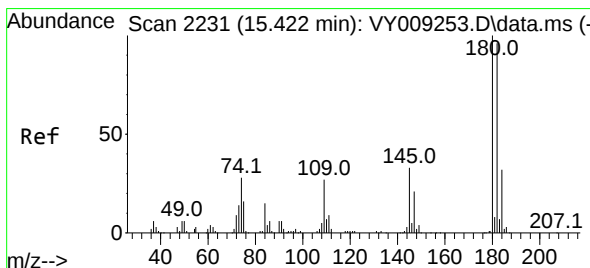
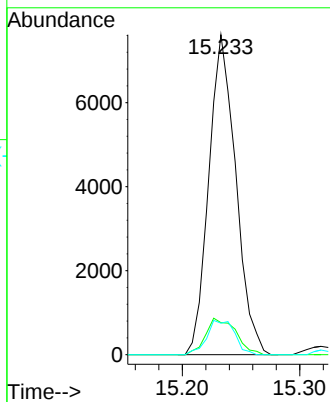
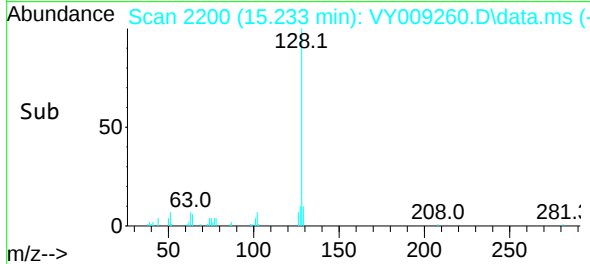
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT2-2022 2.5PPB



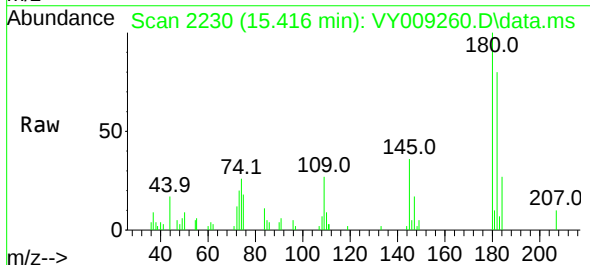
Tgt Ion:128 Resp: 1217
Ion Ratio Lower Upper
128 100
127 12.7 11.0 16.4
129 11.1 8.4 12.6

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#96
1,2,3-Trichlorobenzene
Concen: 2.762 ug/l
RT: 15.416 min Scan# 2230
Delta R.T. -0.006 min
Lab File: VY009260.D
Acq: 21 Jun 2022 16:46



Tgt Ion:180 Resp: 5612
Ion Ratio Lower Upper
180 100
182 97.9 47.3 141.9
145 33.9 15.3 45.9

