

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051324\
 Data File : VY018243.D
 Acq On : 13 May 2024 15:48
 Operator : SY/MD
 Sample : P2403-02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LOQ-SOIL-02-QT2-2024

Quant Time: May 14 03:03:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 14 03:01:34 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 05/14/2024
 Supervised By :Semsettin Yesilyurt 05/14/2024

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	184148	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	323236	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	275236	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	121171	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	80571	59.474	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 118.940%			
35) Dibromofluoromethane	7.710	113	91144	53.653	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.300%			
50) Toluene-d8	10.179	98	359956	53.772	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 107.540%			
62) 4-Bromofluorobenzene	12.477	95	111890	51.757	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 103.520%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	4971	3.404	ug/l	96
3) Chloromethane	2.107	50	7741	3.960	ug/l	97
4) Vinyl Chloride	2.241	62	8720	3.680	ug/l	98
5) Bromomethane	2.644	94	6798	4.131	ug/l	100
6) Chloroethane	2.784	64	5745	3.820	ug/l	92
7) Trichlorofluoromethane	3.119	101	8655	3.118	ug/l	96
8) Diethyl Ether	3.528	74	3433	3.757	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.887	101	5362	3.031	ug/l	95
10) Methyl Iodide	4.082	142	6091	2.949	ug/l	97
11) Tert butyl alcohol	4.930	59	6092m	44.989	ug/l	
12) 1,1-Dichloroethene	3.857	96	5820	3.268	ug/l #	74
13) Acrolein	3.710	56	3837	26.276	ug/l	93
14) Allyl chloride	4.460	41	7536	3.326	ug/l	96
15) Acrylonitrile	5.149	53	6674	18.992	ug/l	96
16) Acetone	3.936	43	5765	21.324	ug/l	96
17) Carbon Disulfide	4.186	76	17498	3.609	ug/l	96
18) Methyl Acetate	4.466	43	4009	5.206	ug/l	100
19) Methyl tert-butyl Ether	5.204	73	13094	3.301	ug/l #	88
20) Methylene Chloride	4.704	84	28809	15.076	ug/l	98
21) trans-1,2-Dichloroethene	5.216	96	6567	3.479	ug/l #	66
22) Diisopropyl ether	6.112	45	16433	3.419	ug/l #	95
23) Vinyl Acetate	6.051	43	48223	16.509	ug/l	95
24) 1,1-Dichloroethane	6.003	63	9809	3.314	ug/l	94
25) 2-Butanone	6.978	43	8909	20.616	ug/l	100
26) 2,2-Dichloropropane	6.972	77	9742	3.636	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	7295	3.270	ug/l	99
28) Bromochloromethane	7.326	49	4452	3.763	ug/l #	89
29) Tetrahydrofuran	7.344	42	5594	19.610	ug/l	92
30) Chloroform	7.496	83	9879	3.197	ug/l	90
31) Cyclohexane	7.777	56	12401	4.413	ug/l #	72
32) 1,1,1-Trichloroethane	7.698	97	9400	3.394	ug/l	99
36) 1,1-Dichloropropene	7.911	75	7311	3.002	ug/l	91
37) Ethyl Acetate	7.070	43	3659	3.570	ug/l	98
38) Carbon Tetrachloride	7.893	117	7940	2.984	ug/l	90
39) Methylcyclohexane	9.173	83	10657	3.033	ug/l	91
40) Benzene	8.161	78	24264	3.098	ug/l	93

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 Supervised By :Semsettin Yesilyurt 05/14/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	2072m	3.501	ug/l	
42) 1,2-Dichloroethane	8.228	62	5661	3.321	ug/l	96
43) Isopropyl Acetate	8.271	43	6799	3.236	ug/l #	87
44) Trichloroethene	8.935	130	5903	2.768	ug/l	77
45) 1,2-Dichloropropane	9.216	63	5333	3.114	ug/l	94
46) Dibromomethane	9.301	93	3313	3.365	ug/l	96
47) Bromodichloromethane	9.496	83	7378	3.031	ug/l	87
48) Methyl methacrylate	9.295	41	3039	3.156	ug/l #	92
49) 1,4-Dioxane	9.295	88	724	55.401	ug/l #	79
51) 4-Methyl-2-Pentanone	10.069	43	17773	16.831	ug/l	98
52) Toluene	10.246	92	15607	3.095	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	6792	2.988	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	8242	2.966	ug/l	93
55) 1,1,2-Trichloroethane	10.642	97	4479	3.312	ug/l	94
56) Ethyl methacrylate	10.508	69	5984	3.258	ug/l #	92
57) 1,3-Dichloropropane	10.795	76	6974	3.168	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.783	63	13200	15.050	ug/l	91
59) 2-Hexanone	10.831	43	11438	15.492	ug/l	92
60) Dibromochloromethane	10.977	129	5066	2.887	ug/l	94
61) 1,2-Dibromoethane	11.087	107	4140	3.250	ug/l	94
64) Tetrachloroethene	10.715	164	5591	3.051	ug/l	96
65) Chlorobenzene	11.514	112	17158	3.061	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.587	131	5256	2.899	ug/l	99
67) Ethyl Benzene	11.593	91	28410	3.002	ug/l	97
68) m/p-Xylenes	11.703	106	21797	5.824	ug/l	100
69) o-Xylene	12.032	106	10651	2.965	ug/l	99
70) Styrene	12.044	104	16738	2.790	ug/l	98
71) Bromoform	12.203	173	2981	2.971	ug/l #	86
73) Isopropylbenzene	12.325	105	26109	2.874	ug/l	93
74) N-amyl acetate	12.148	43	5757	3.053	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	4480	3.091	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	2828m	2.916	ug/l	
77) Bromobenzene	12.605	156	6500	3.114	ug/l	94
78) n-propylbenzene	12.666	91	31717	3.001	ug/l	97
79) 2-Chlorotoluene	12.758	91	17992	3.064	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	20949	2.924	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	1551m	3.081	ug/l	
82) 4-Chlorotoluene	12.849	91	18442	3.127	ug/l	99
83) tert-Butylbenzene	13.075	119	19990	3.025	ug/l	96
84) 1,2,4-Trimethylbenzene	13.123	105	20405	2.908	ug/l	96
85) sec-Butylbenzene	13.251	105	28164	2.906	ug/l	98
86) p-Isopropyltoluene	13.367	119	22891	2.871	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	12698	3.150	ug/l	95
88) 1,4-Dichlorobenzene	13.440	146	12561	3.197	ug/l	91
89) n-Butylbenzene	13.696	91	21419	2.968	ug/l	97
90) Hexachloroethane	13.959	117	4904	3.135	ug/l	88
91) 1,2-Dichlorobenzene	13.739	146	10284	2.969	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	14.361	75	731	3.704	ug/l	76
93) 1,2,4-Trichlorobenzene	15.007	180	5030	2.583	ug/l	94
94) Hexachlorobutadiene	15.111	225	3101	2.886	ug/l	99
95) Naphthalene	15.239	128	9670	2.710	ug/l	96
96) 1,2,3-Trichlorobenzene	15.422	180	4766	2.982	ug/l	97

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Supervised By :Semsettin Yesilyurt 05/14/2024

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

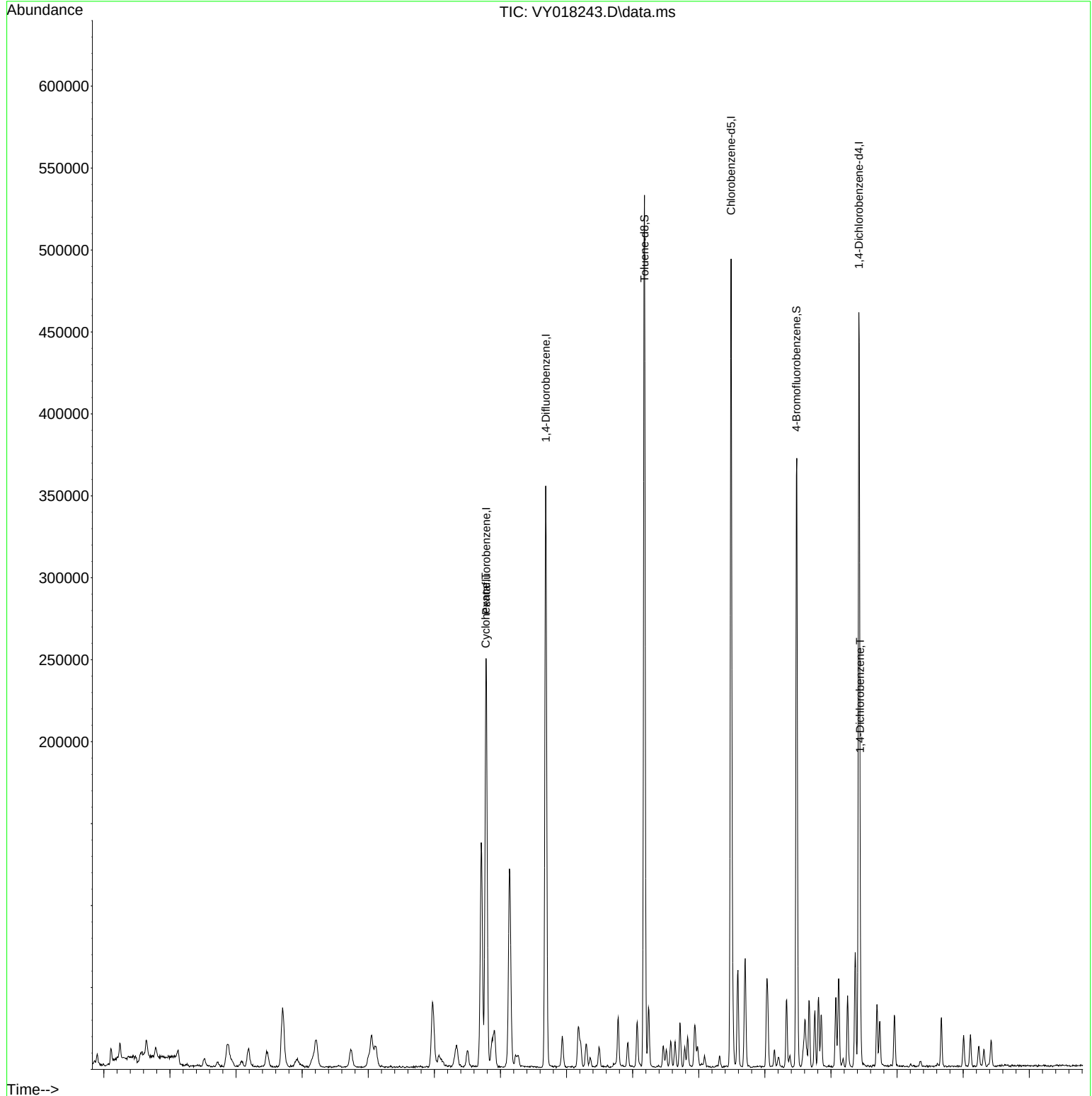
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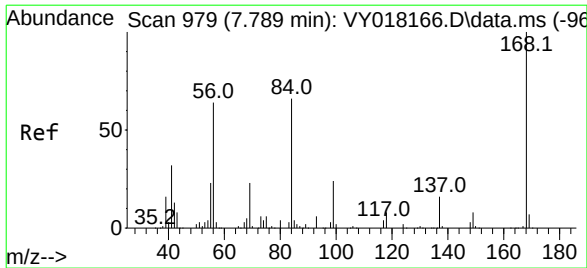
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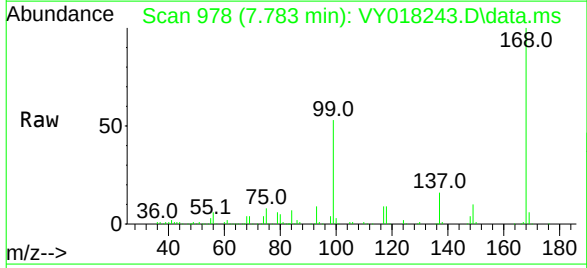
Reviewed By :Mahesh Dadoda 05/14/2024
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 97
Delta R.T. -0.006 min
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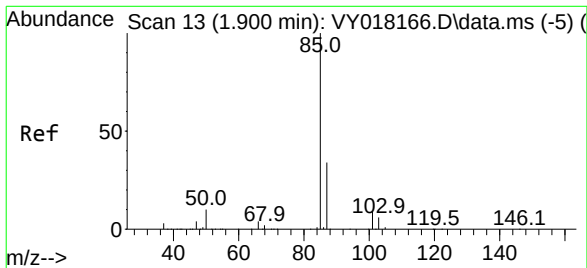
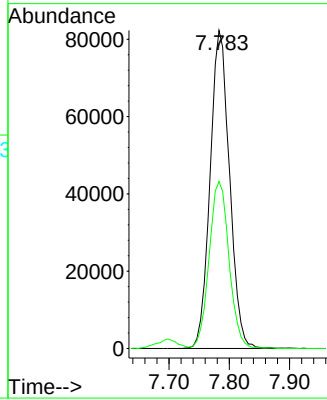
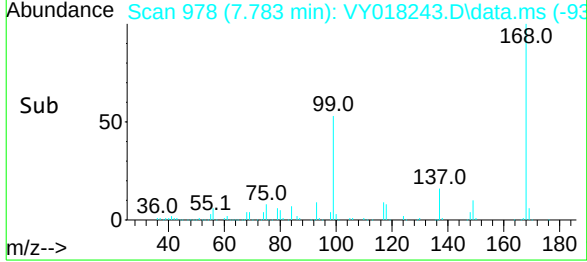
Instrument :
MSVOA_Y
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LOQ-SOIL-02-QT2-2024



Tgt Ion:168 Resp: 184148
Ion Ratio Lower Upper
168 100
99 52.5 39.1 58.7

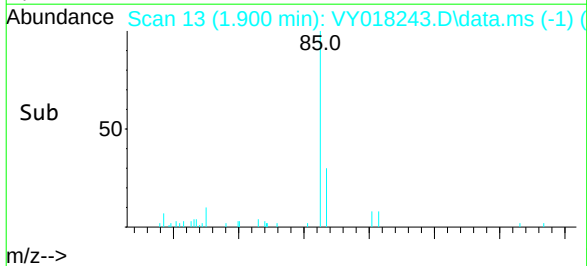
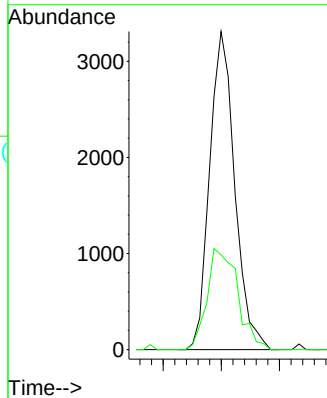
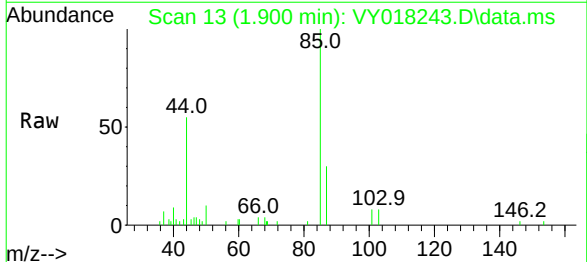
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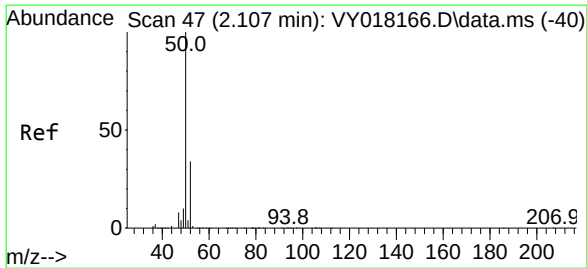
Reviewed By :Mahesh Dadoda 05/14/2024
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#2
Dichlorodifluoromethane
Concen: 3.404 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY018243.D
Acq: 13 May 2024 15:48

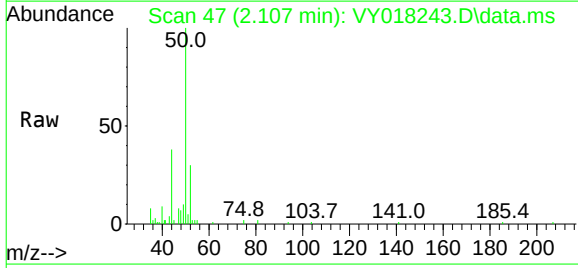
Tgt Ion: 85 Resp: 4971
Ion Ratio Lower Upper
85 100
87 29.8 16.0 48.0





#3
Chloromethane
Concen: 3.960 ug/l
RT: 2.107 min Scan# 47
Delta R.T. 0.000 min
Lab File: VY018243.D
Acq: 13 May 2024 15:48

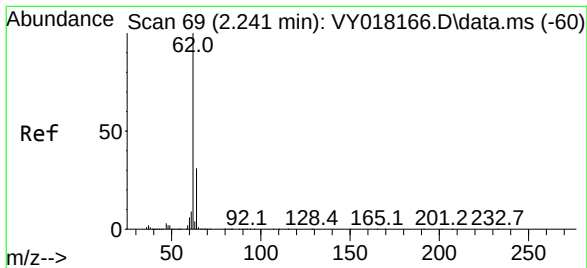
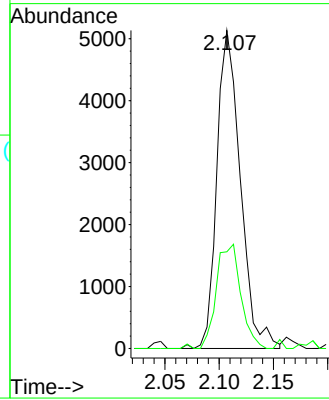
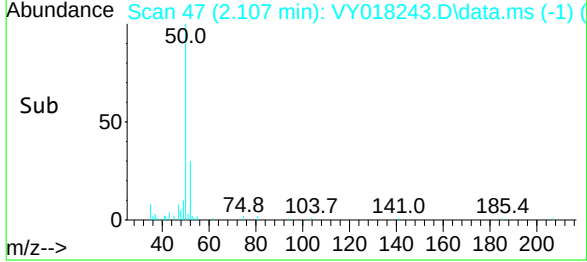
Instrument :
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Tgt Ion: 50 Resp: 7741
Ion Ratio Lower Upper
50 100
52 30.4 25.6 38.4

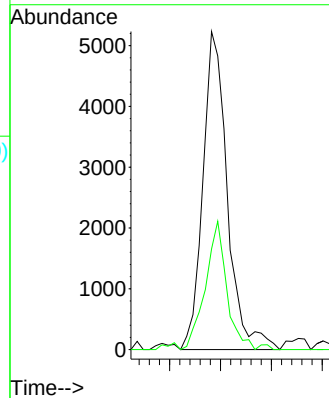
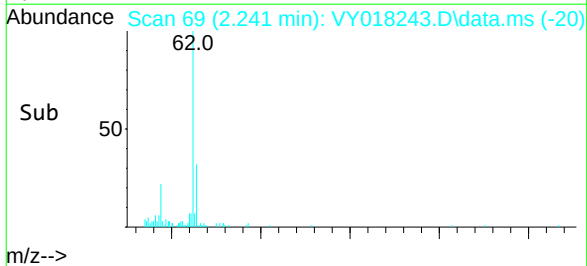
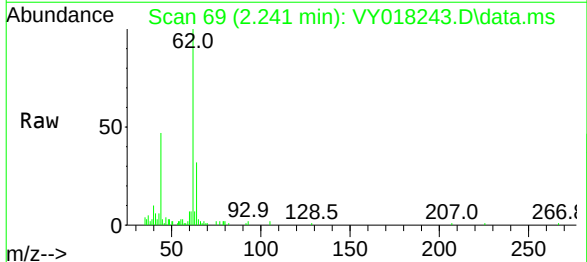
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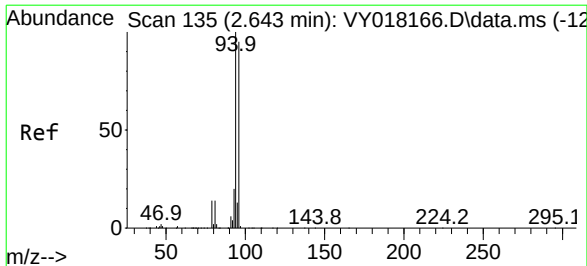
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#4
Vinyl Chloride
Concen: 3.680 ug/l
RT: 2.241 min Scan# 69
Delta R.T. 0.000 min
Lab File: VY018243.D
Acq: 13 May 2024 15:48

Tgt Ion: 62 Resp: 8720
Ion Ratio Lower Upper
62 100
64 31.6 26.1 39.1





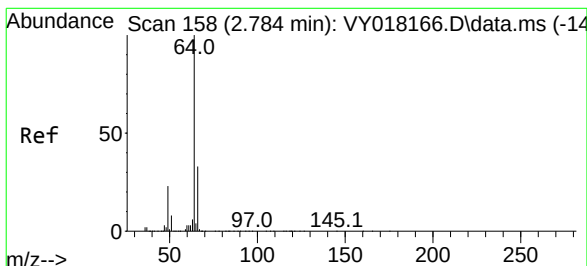
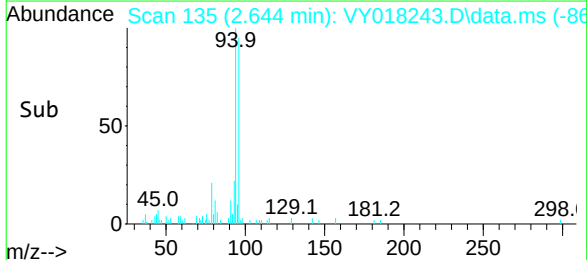
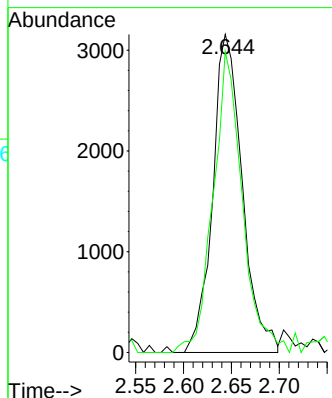
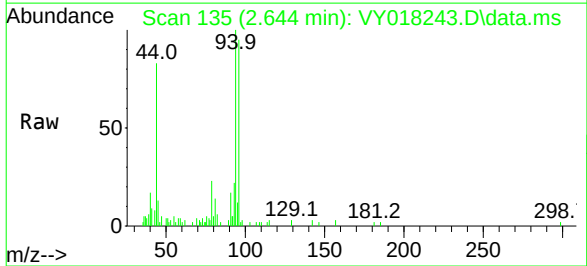
#5
Bromomethane
Concen: 4.131 ug/l
RT: 2.644 min Scan# 135
Delta R.T. 0.000 min
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Tgt Ion: 94 Resp: 6798
Ion Ratio Lower Upper
94 100
96 92.6 74.1 111.1

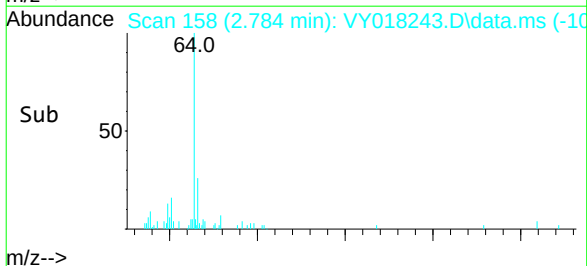
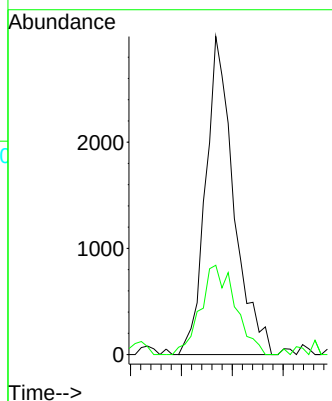
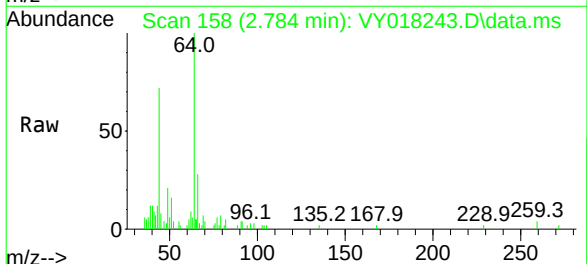
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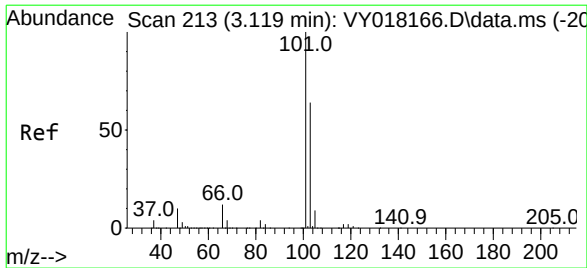
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#6
Chloroethane
Concen: 3.820 ug/l
RT: 2.784 min Scan# 158
Delta R.T. 0.000 min
Lab File: VY018243.D
Acq: 13 May 2024 15:48

Tgt Ion: 64 Resp: 5745
Ion Ratio Lower Upper
64 100
66 28.1 26.1 39.1





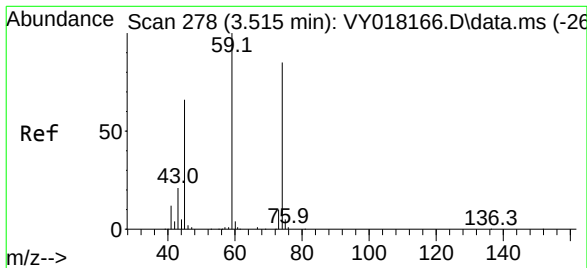
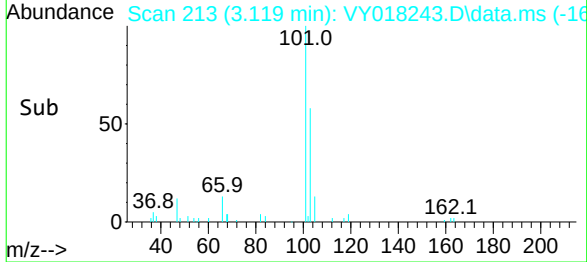
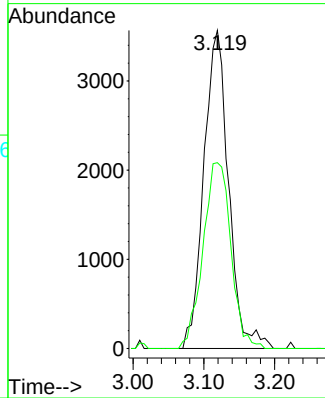
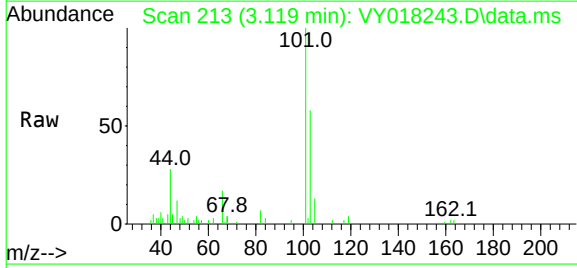
#7
 Trichlorofluoromethane
 Concen: 3.118 ug/l
 RT: 3.119 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY018243.D
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Tgt Ion:101 Resp: 8655
 Ion Ratio Lower Upper
 101 100
 103 58.4 49.3 73.9

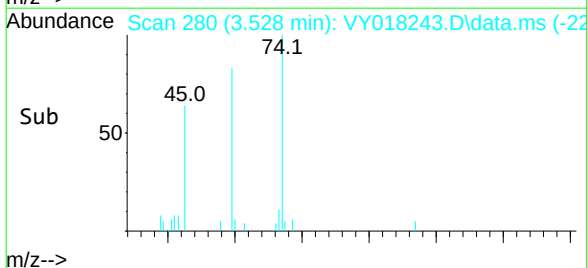
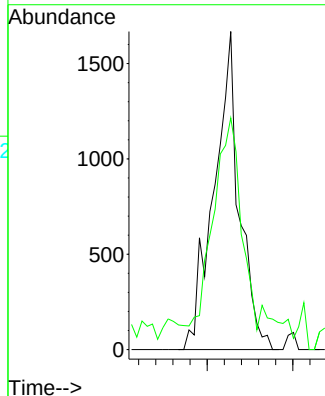
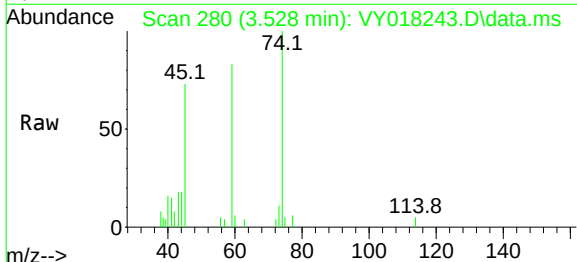
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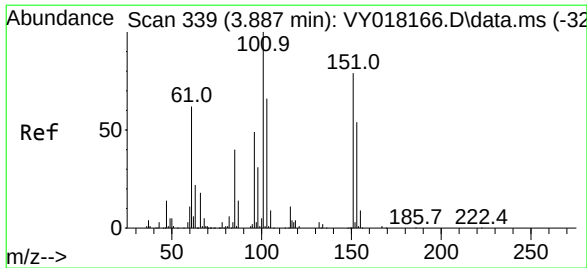
Reviewed By :Mahesh Dadoda 05/14/2024
 Supervised By :Semsettin Yesilyurt 05/14/2024



#8
 Diethyl Ether
 Concen: 3.757 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. 0.012 min
 Lab File: VY018243.D
 Acq: 13 May 2024 15:48

Tgt Ion: 74 Resp: 3433
 Ion Ratio Lower Upper
 74 100
 45 86.1 41.3 124.1





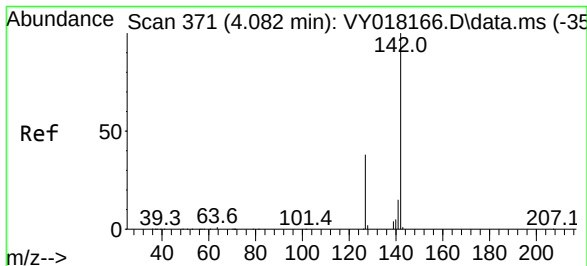
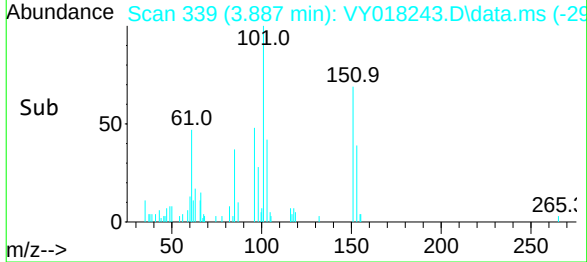
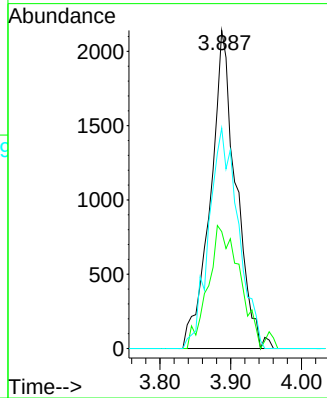
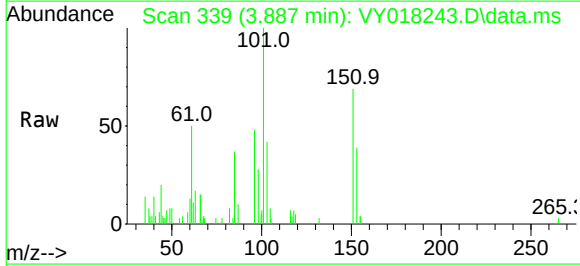
#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.031 ug/l
RT: 3.887 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY018243.D
Acq: 13 May 2024 15:48

Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT2-2024

Tgt Ion:	101	Resp:	5362
Ion Ratio	Lower	Upper	
101	100		
85	47.5	34.5	51.7
151	80.0	61.7	92.5

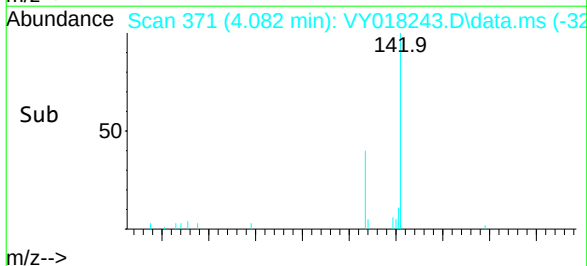
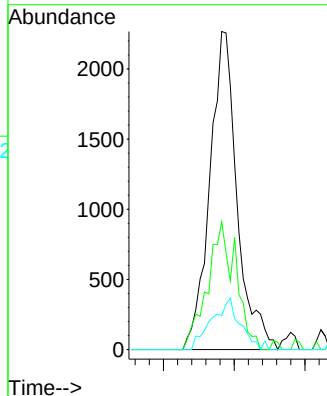
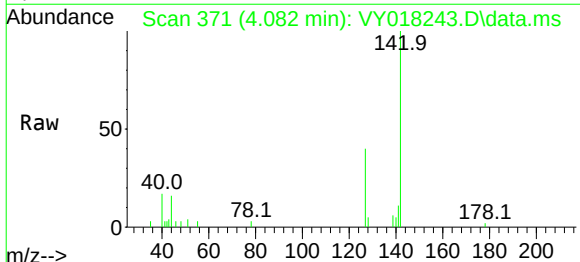
Manual Integrations
APPROVED

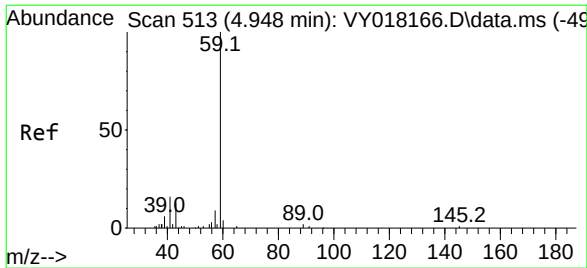
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#10
Methyl Iodide
Concen: 2.949 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY018243.D
Acq: 13 May 2024 15:48

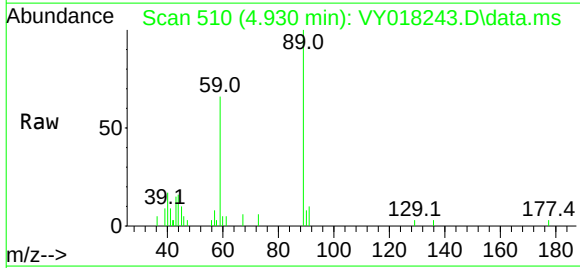
Tgt Ion:	142	Resp:	6091
Ion Ratio	Lower	Upper	
142	100		
127	41.8	32.8	49.2
141	16.8	11.4	17.2





#11
Tert butyl alcohol
Concen: 44.989 ug/l m
RT: 4.930 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY018243.D
Acq: 13 May 2024 15:48

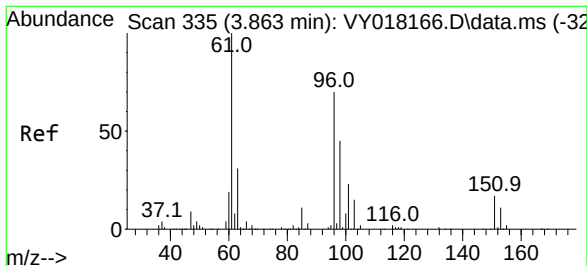
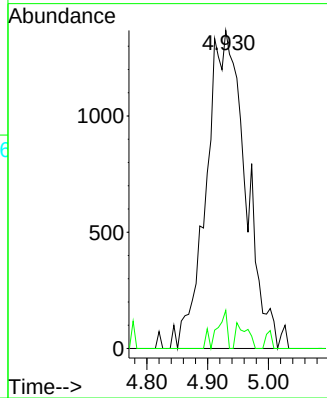
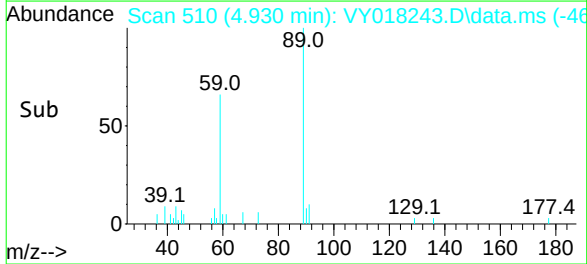
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2024



Tgt Ion: 59 Resp: 6092
Ion Ratio Lower Upper
59 100
57 3.2 3.0 4.6

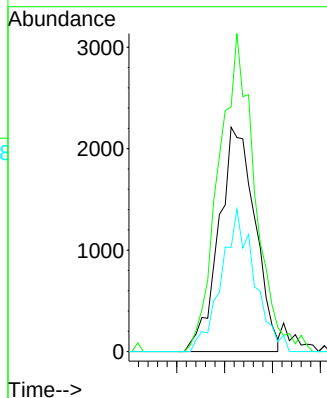
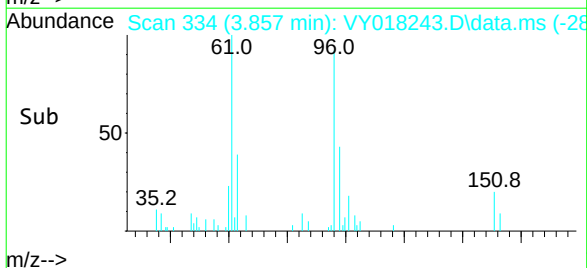
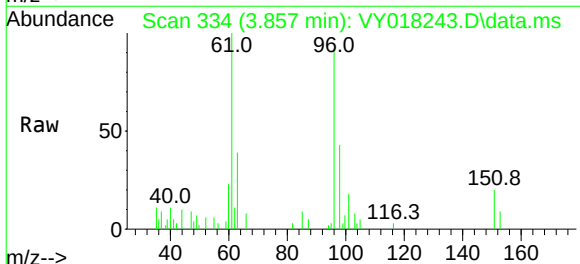
Manual Integrations
APPROVED

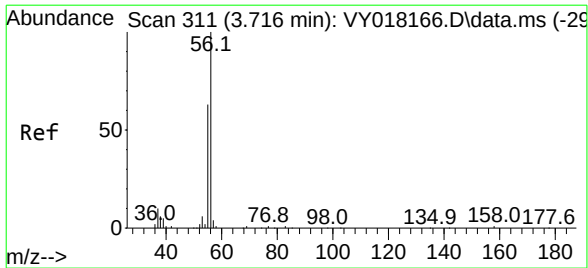
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#12
1,1-Dichloroethene
Concen: 3.268 ug/l
RT: 3.857 min Scan# 334
Delta R.T. -0.006 min
Lab File: VY018243.D
Acq: 13 May 2024 15:48

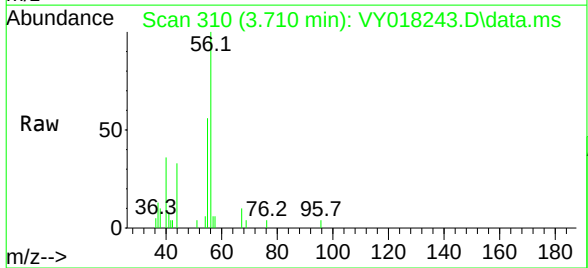
Tgt Ion: 96 Resp: 5820
Ion Ratio Lower Upper
96 100
61 109.0 114.6 171.8#
98 46.4 50.8 76.2#





#13
Acrolein
Concen: 26.276 ug/l
RT: 3.710 min Scan# 311
Delta R.T. -0.006 min
Lab File: VY018243.D
Acq: 13 May 2024 15:48

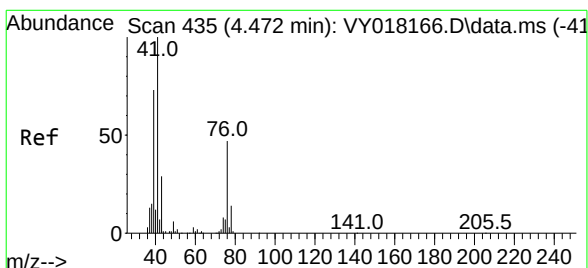
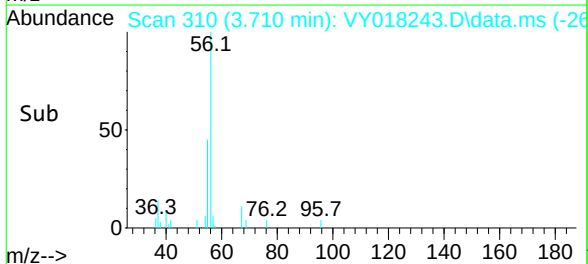
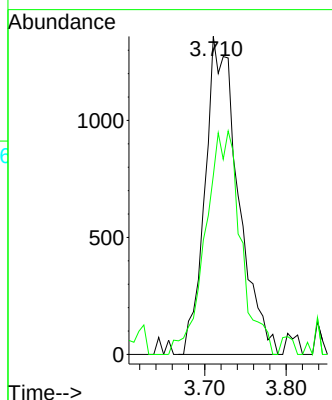
Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT2-2024



Tgt Ion	Ratio	Lower	Upper
56	100		
55	75.1	55.7	83.5

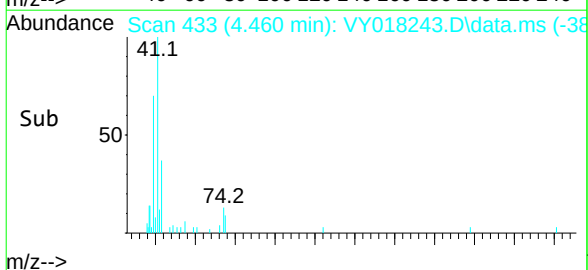
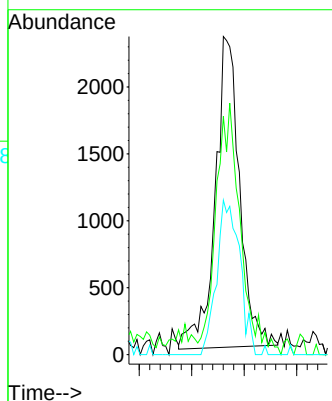
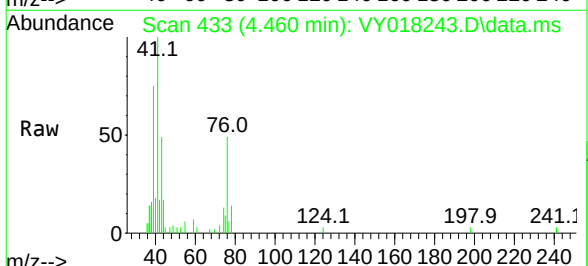
Manual Integrations
APPROVED

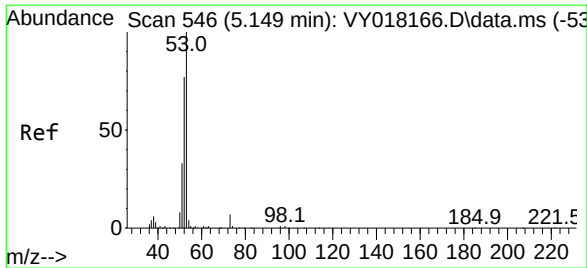
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#14
Allyl chloride
Concen: 3.326 ug/l
RT: 4.460 min Scan# 433
Delta R.T. -0.012 min
Lab File: VY018243.D
Acq: 13 May 2024 15:48

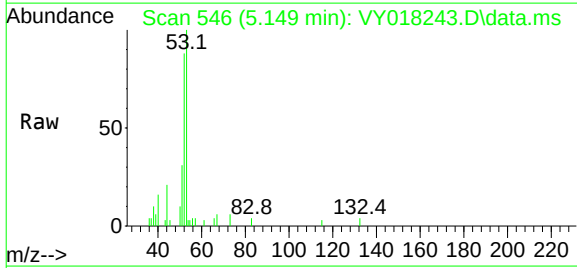
Tgt Ion	Ratio	Lower	Upper
41	100		
39	68.9	58.3	87.5
76	46.7	39.0	58.6





#15
Acrylonitrile
Concen: 18.992 ug/l
RT: 5.149 min Scan# 546
Delta R.T. 0.000 min
Lab File: VY018243.D
Acq: 13 May 2024 15:48

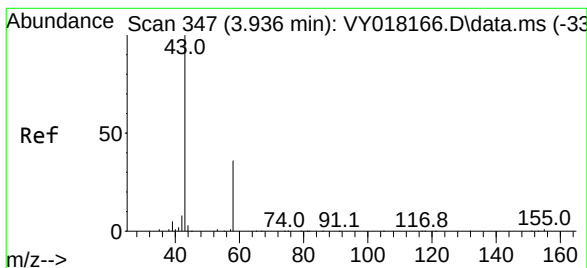
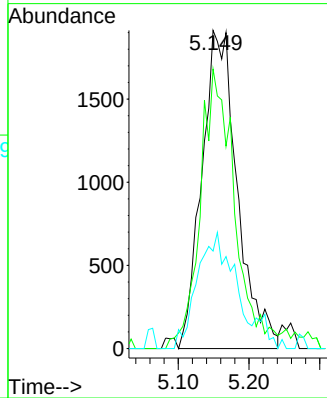
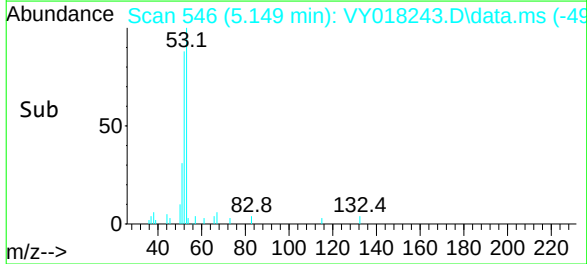
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2024



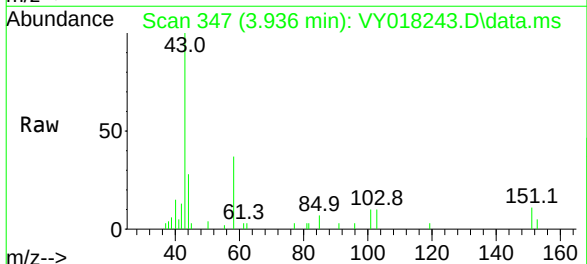
Tgt Ion: 53 Resp: 6674
Ion Ratio Lower Upper
53 100
52 84.6 64.7 97.1
51 37.5 28.4 42.6

Manual Integrations
APPROVED

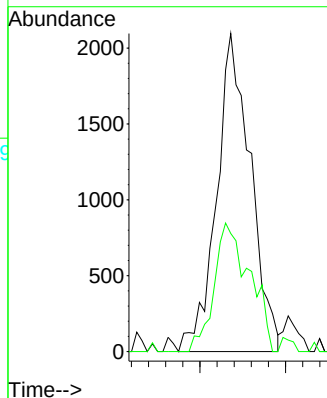
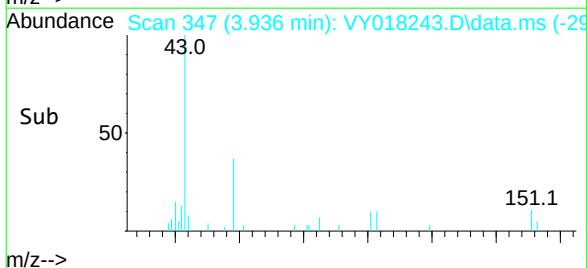
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024

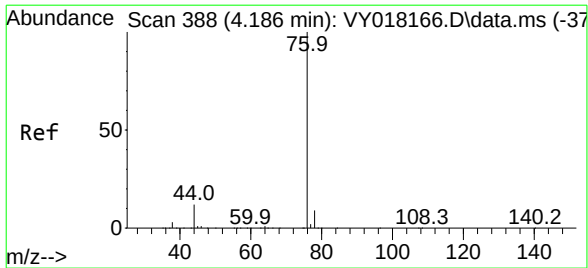


#16
Acetone
Concen: 21.324 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY018243.D
Acq: 13 May 2024 15:48



Tgt Ion: 43 Resp: 5765
Ion Ratio Lower Upper
43 100
58 37.1 31.7 47.5





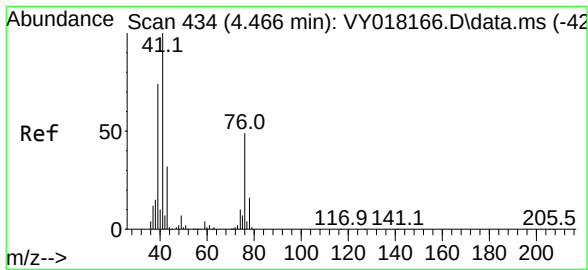
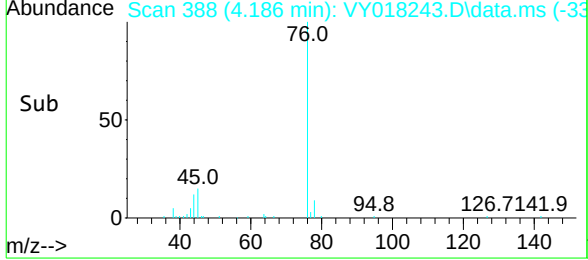
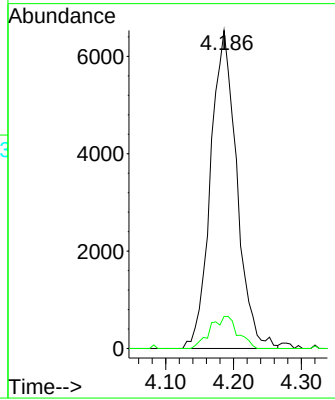
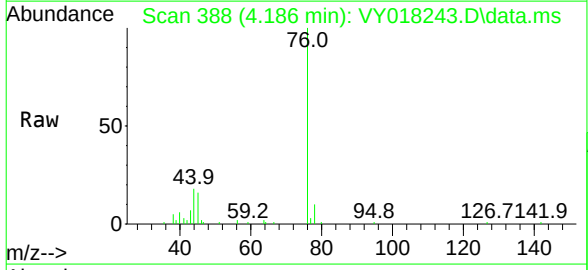
#17
Carbon Disulfide
Concen: 3.609 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.000 min
Lab File: VY018243.D
Acq: 13 May 2024 15:48

Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT2-2024

Tgt Ion:	76	Resp:	17498
Ion	Ratio	Lower	Upper
76	100		
78	10.1	6.8	10.2

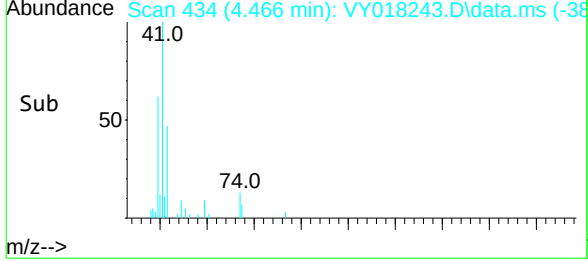
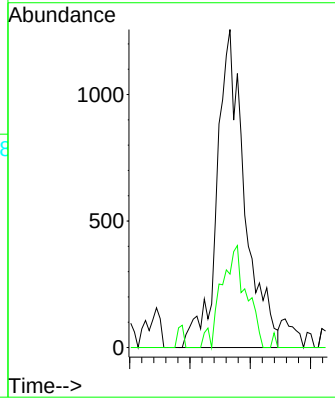
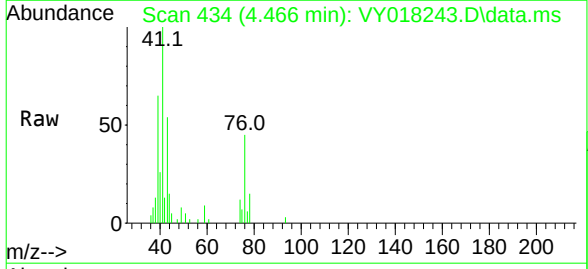
Manual Integrations
APPROVED

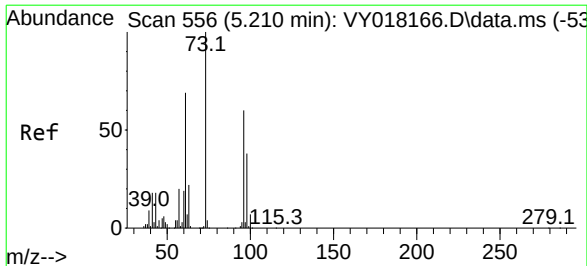
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#18
Methyl Acetate
Concen: 5.206 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY018243.D
Acq: 13 May 2024 15:48

Tgt Ion:	43	Resp:	4009
Ion	Ratio	Lower	Upper
43	100		
74	29.1	23.3	34.9





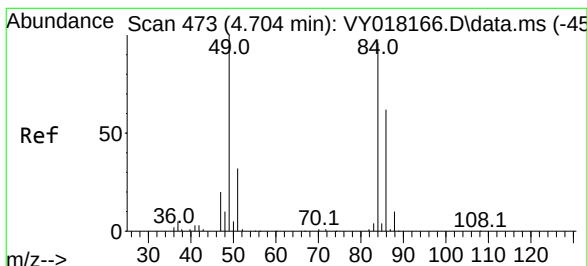
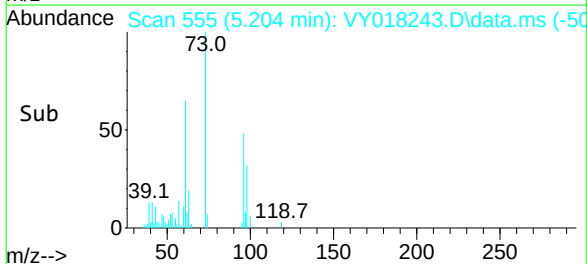
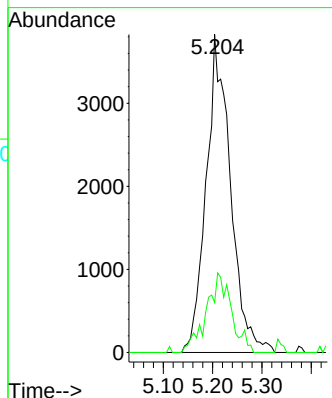
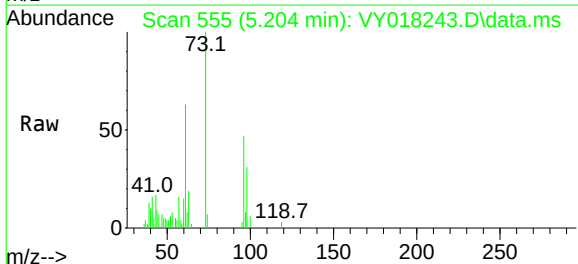
#19
Methyl tert-butyl Ether
Concen: 3.301 ug/l
RT: 5.204 min Scan# 556
Delta R.T. -0.006 min
Lab File: VY018243.D
Acq: 13 May 2024 15:48

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2024

Tgt Ion: 73 Resp: 13094
Ion Ratio Lower Upper
73 100
57 15.7 17.3 25.9

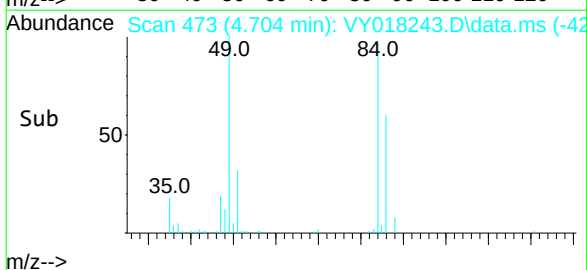
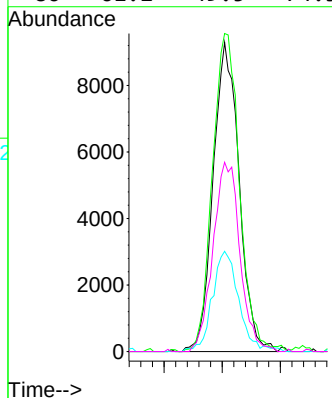
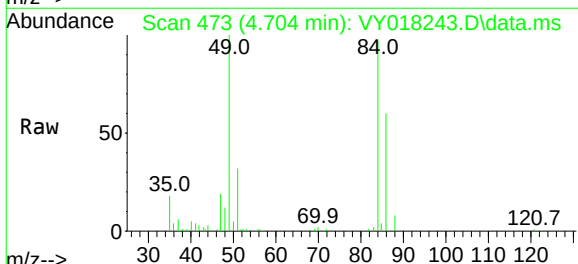
Manual Integrations
APPROVED

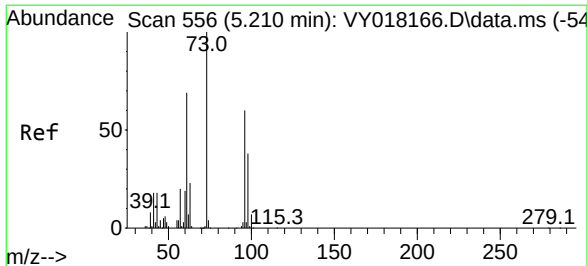
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#20
Methylene Chloride
Concen: 15.076 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY018243.D
Acq: 13 May 2024 15:48

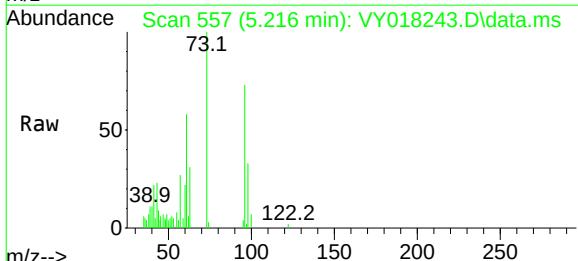
Tgt Ion: 84 Resp: 28809
Ion Ratio Lower Upper
84 100
49 102.9 84.4 126.6
51 32.4 26.0 39.0
86 61.2 49.5 74.3





#21
trans-1,2-Dichloroethene
Concen: 3.479 ug/l
RT: 5.216 min Scan# 556
Delta R.T. 0.006 min
Lab File: VY018243.D
Acq: 13 May 2024 15:48

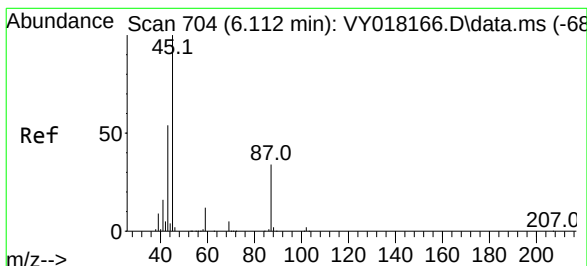
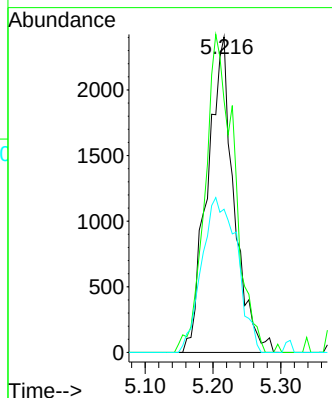
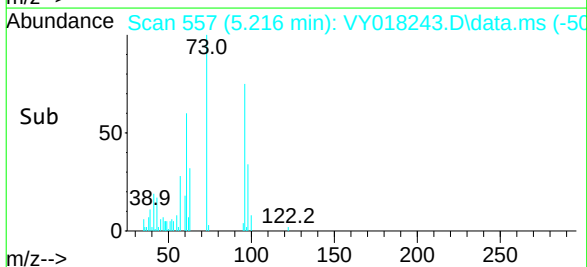
Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT2-2024



Tgt Ion: 96 Resp: 6567
Ion Ratio Lower Upper
96 100
61 77.3 97.5 146.3#
98 45.4 50.5 75.7#

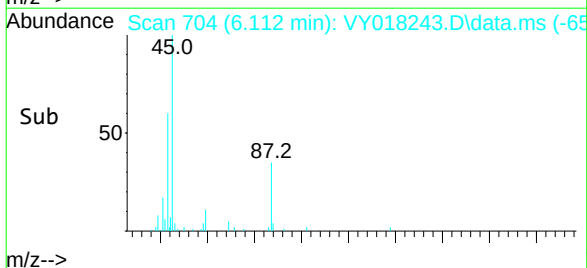
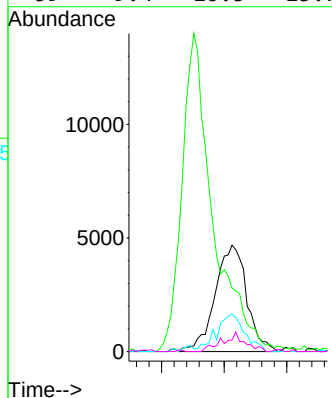
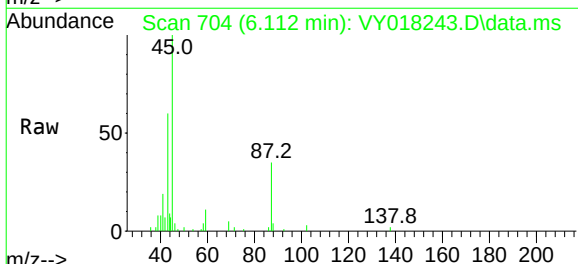
Manual Integrations
APPROVED

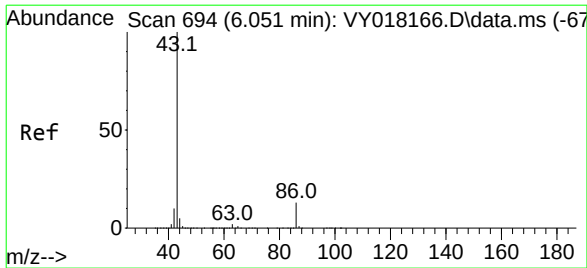
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#22
Diisopropyl ether
Concen: 3.419 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY018243.D
Acq: 13 May 2024 15:48

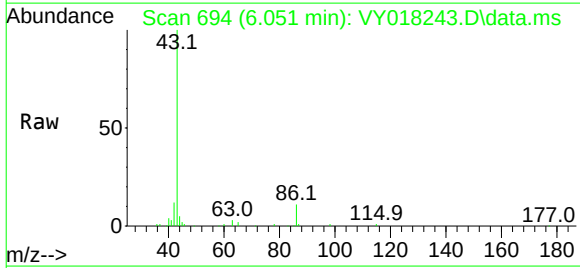
Tgt Ion: 45 Resp: 16433
Ion Ratio Lower Upper
45 100
43 54.9 42.2 63.2
87 35.2 25.0 37.6
59 9.4 10.5 15.7#





#23
 Vinyl Acetate
 Concen: 16.509 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY018243.D
 Acq: 13 May 2024 15:48

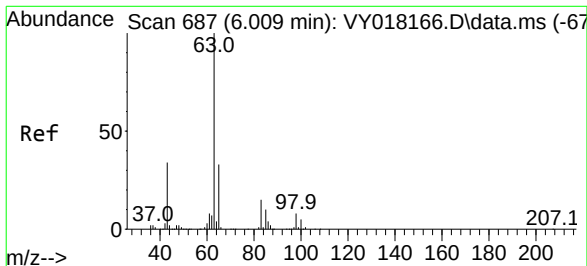
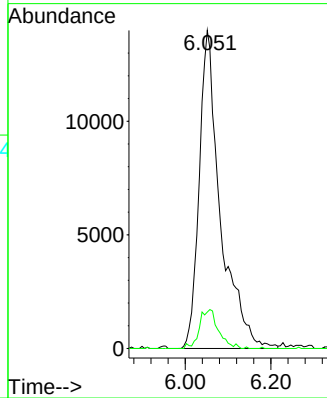
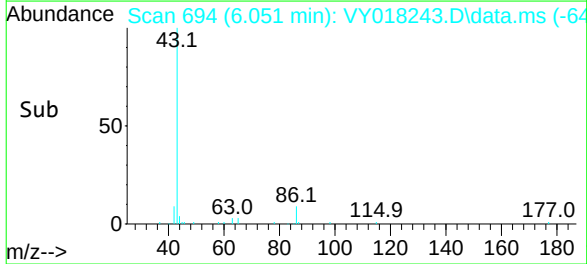
Instrument :
 MSVOA_Y
 ClientSampleId :
 LOQ-SOIL-02-QT2-2024



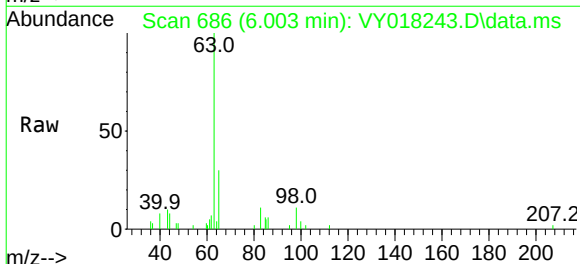
Tgt Ion: 43 Resp: 48223
 Ion Ratio Lower Upper
 43 100
 86 11.4 10.6 16.0

Manual Integrations
 APPROVED

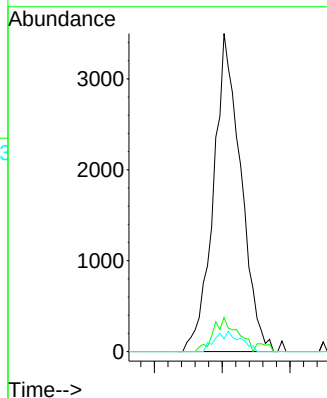
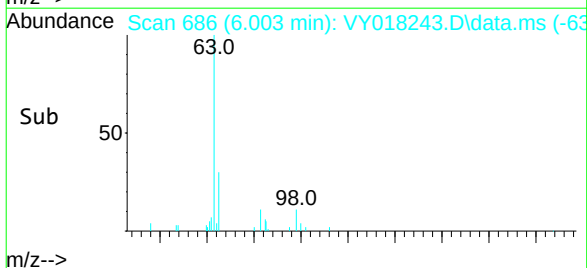
Reviewed By :Mahesh Dadoda 05/14/2024
 Supervised By :Semsettin Yesilyurt 05/14/2024

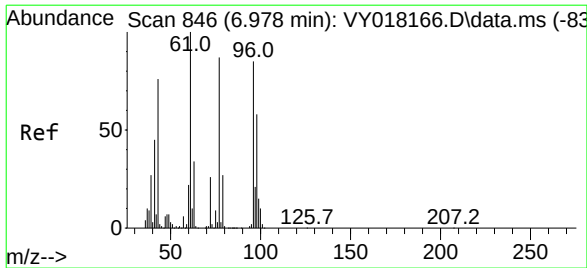


#24
 1,1-Dichloroethane
 Concen: 3.314 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. -0.006 min
 Lab File: VY018243.D
 Acq: 13 May 2024 15:48



Tgt Ion: 63 Resp: 9809
 Ion Ratio Lower Upper
 63 100
 98 10.7 4.0 12.2
 100 4.0 2.6 8.0





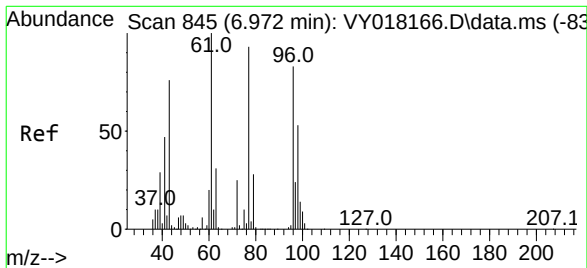
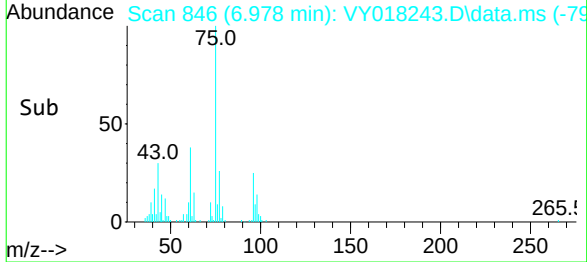
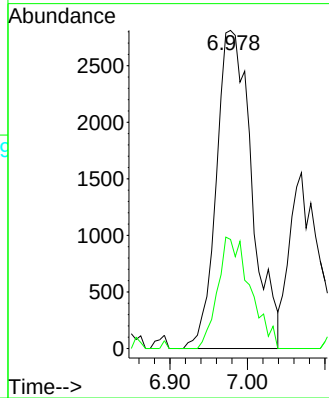
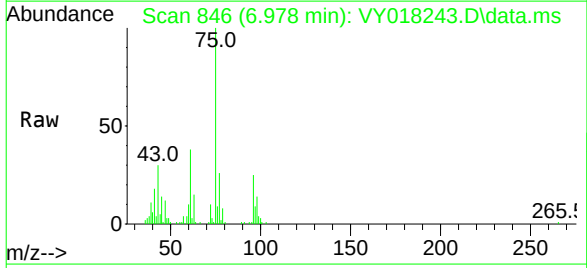
#25
2-Butanone
Concen: 20.616 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY018243.D
Acq: 13 May 2024 15:48

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2024

Tgt Ion: 43 Resp: 8909
Ion Ratio Lower Upper
43 100
72 34.3 27.3 40.9

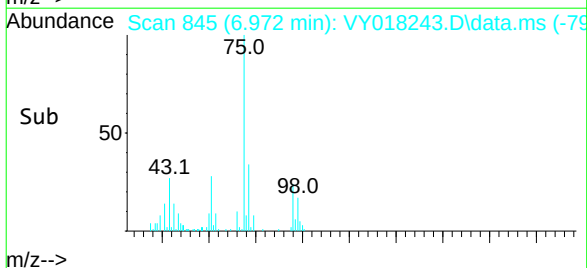
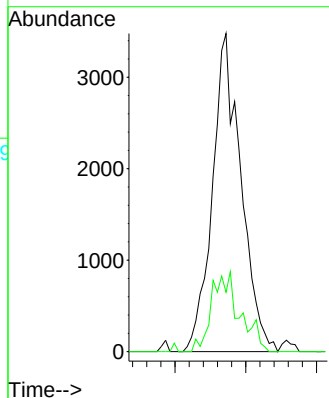
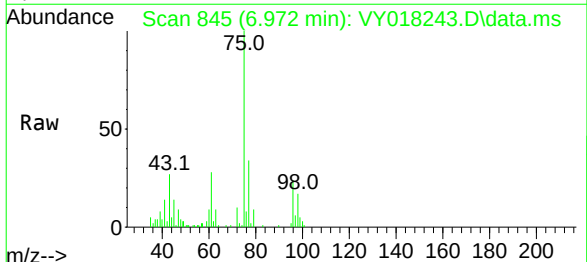
Manual Integrations
APPROVED

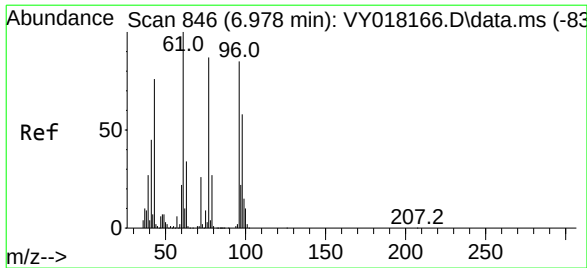
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#26
2,2-Dichloropropane
Concen: 3.636 ug/l
RT: 6.972 min Scan# 845
Delta R.T. 0.000 min
Lab File: VY018243.D
Acq: 13 May 2024 15:48

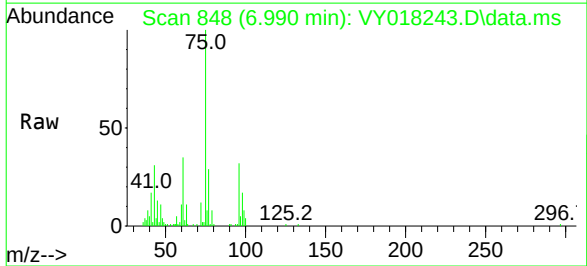
Tgt Ion: 77 Resp: 9742
Ion Ratio Lower Upper
77 100
97 24.6 12.0 36.1





#27
cis-1,2-Dichloroethene
Concen: 3.270 ug/l
RT: 6.990 min Scan# 846
Delta R.T. 0.012 min
Lab File: VY018243.D
Acq: 13 May 2024 15:48

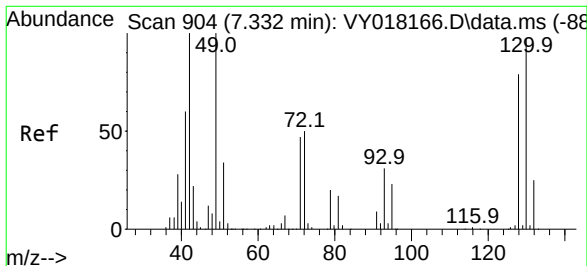
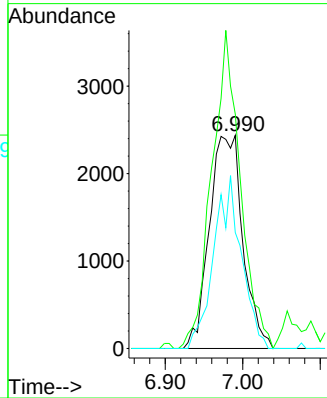
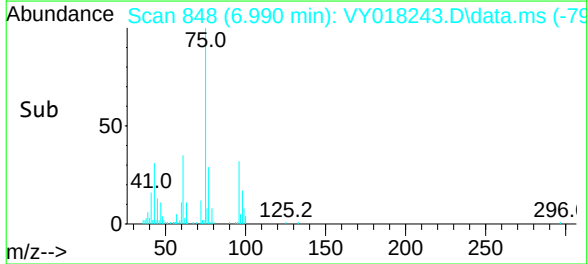
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2024



Tgt Ion: 96 Resp: 7295
Ion Ratio Lower Upper
96 100
61 127.8 0.0 256.2
98 66.6 0.0 130.0

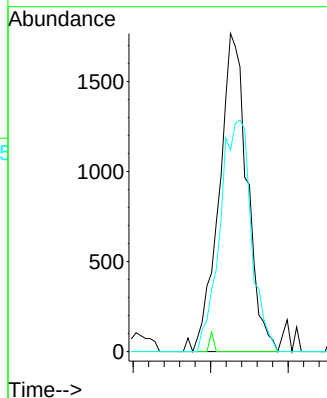
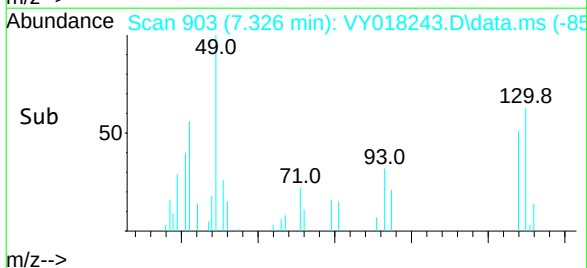
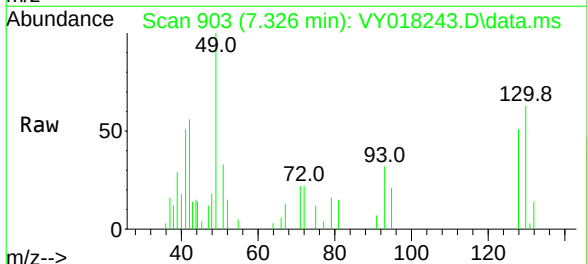
Manual Integrations
APPROVED

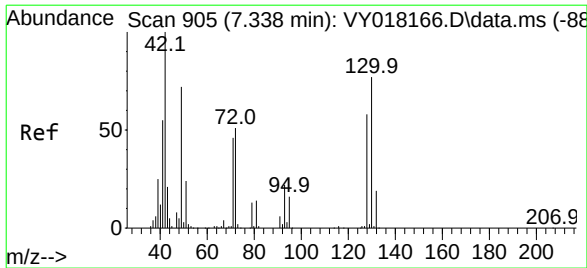
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#28
Bromochloromethane
Concen: 3.763 ug/l
RT: 7.326 min Scan# 903
Delta R.T. -0.006 min
Lab File: VY018243.D
Acq: 13 May 2024 15:48

Tgt Ion: 49 Resp: 4452
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.6
130 80.6 72.7 109.1





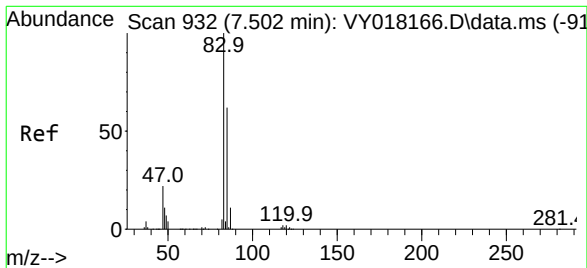
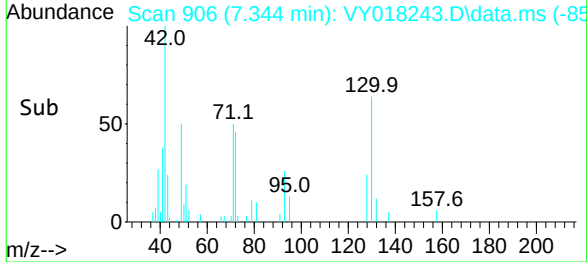
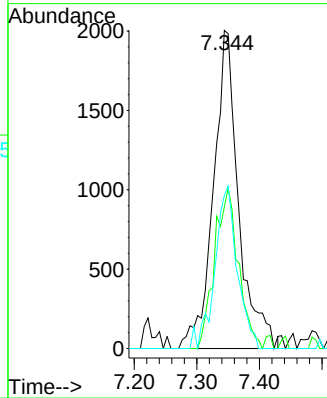
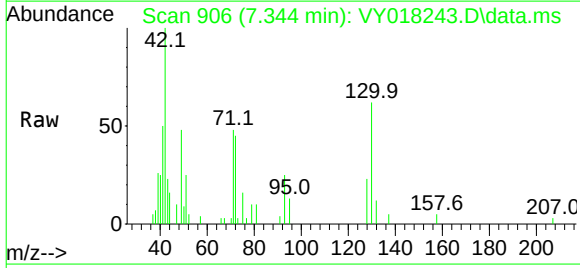
#29
Tetrahydrofuran
Concen: 19.610 ug/l
RT: 7.344 min Scan# 905
Delta R.T. 0.006 min
Lab File: VY018243.D
Acq: 13 May 2024 15:48

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2024

Tgt Ion: 42	Resp: 5594
Ion Ratio	Lower Upper
42 100	
72 47.6	43.0 64.4
71 45.3	40.8 61.2

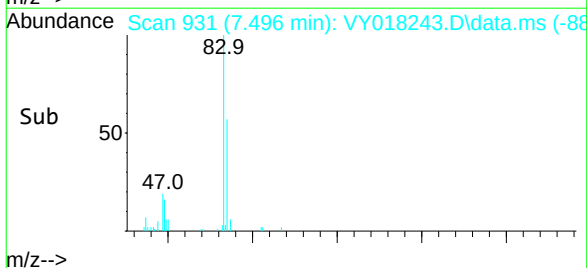
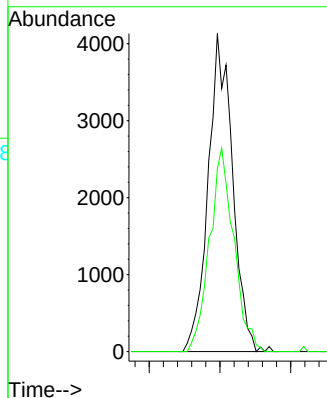
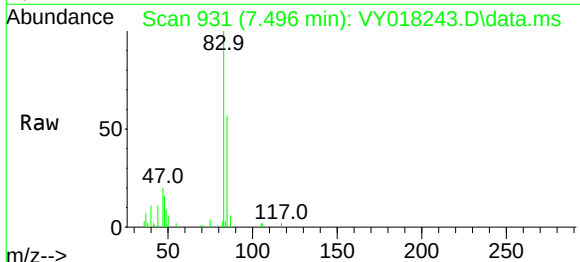
Manual Integrations
APPROVED

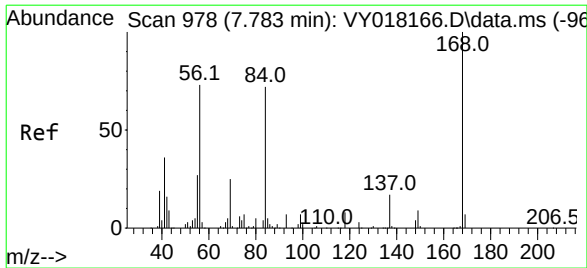
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#30
Chloroform
Concen: 3.197 ug/l
RT: 7.496 min Scan# 931
Delta R.T. -0.006 min
Lab File: VY018243.D
Acq: 13 May 2024 15:48

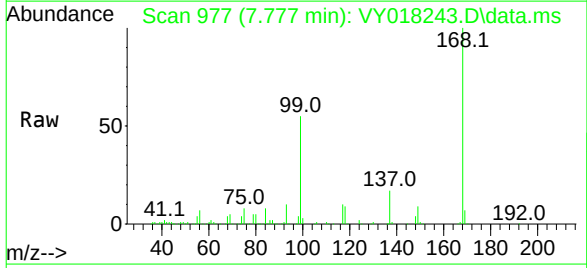
Tgt Ion: 83	Resp: 9879
Ion Ratio	Lower Upper
83 100	
85 57.5	52.2 78.4





#31
Cyclohexane
Concen: 4.413 ug/l
RT: 7.777 min Scan# 978
Delta R.T. -0.006 min
Lab File: VY018243.D
Acq: 13 May 2024 15:48

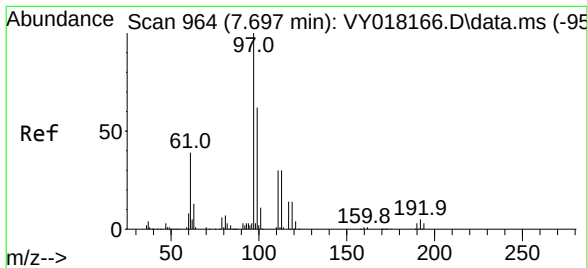
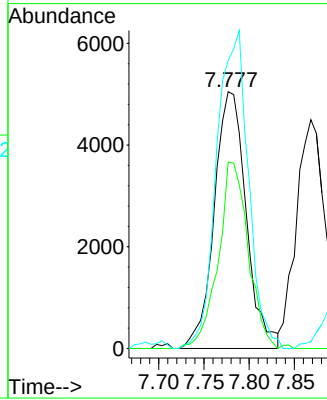
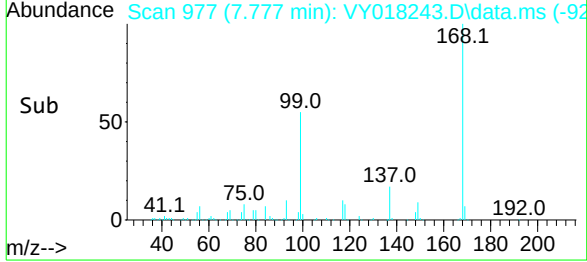
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2024



Tgt Ion: 56 Resp: 12401
Ion Ratio Lower Upper
56 100
69 72.6 28.7 43.1#
84 112.1 77.7 116.5

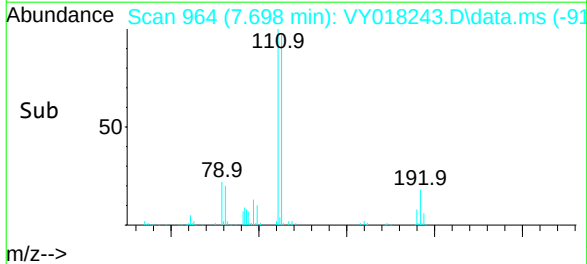
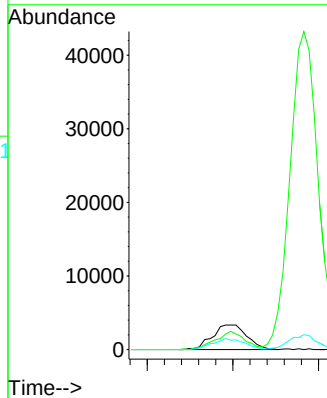
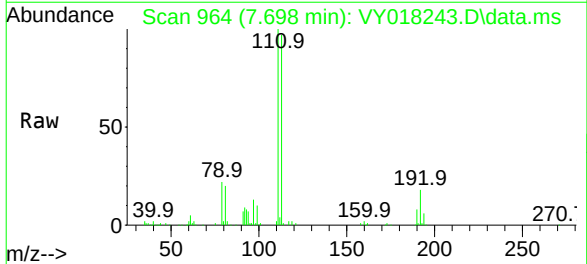
Manual Integrations
APPROVED

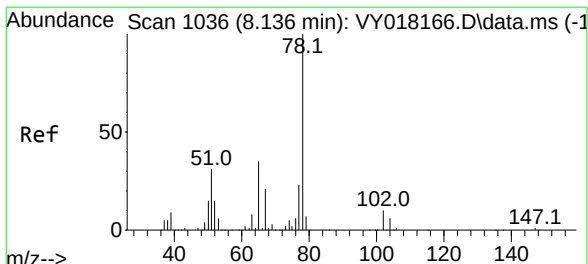
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#32
1,1,1-Trichloroethane
Concen: 3.394 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY018243.D
Acq: 13 May 2024 15:48

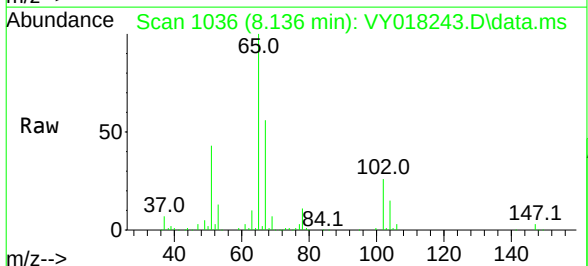
Tgt Ion: 97 Resp: 9400
Ion Ratio Lower Upper
97 100
99 63.4 50.3 75.5
61 41.3 32.6 48.8





#33
 1,2-Dichloroethane-d4
 Concen: 59.474 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY018243.D
 Acq: 13 May 2024 15:48

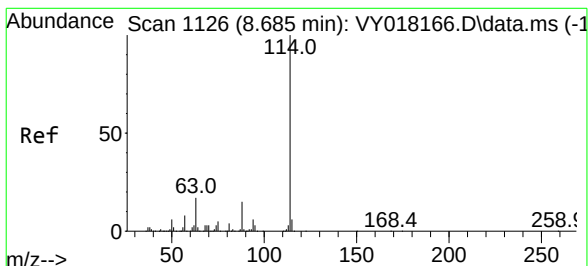
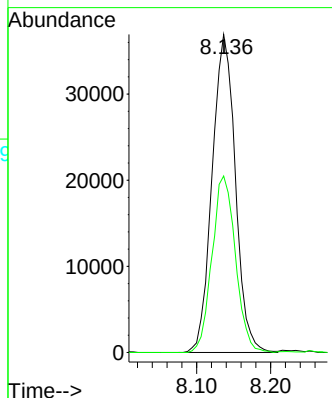
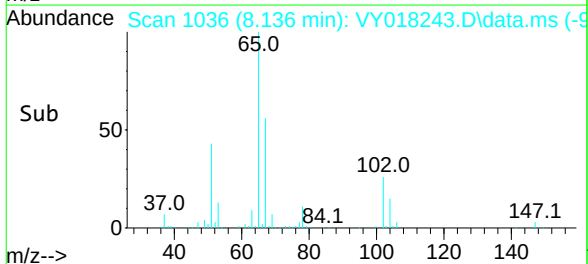
Instrument : MSVOA_Y
 ClientSampleId : LOQ-SOIL-02-QT2-2024



Tgt Ion: 65 Resp: 80571
 Ion Ratio Lower Upper
 65 100
 67 56.0 0.0 109.6

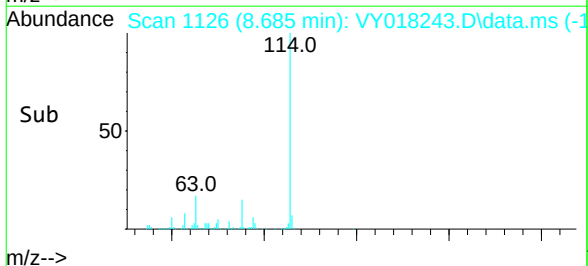
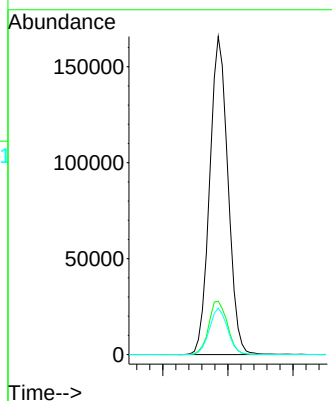
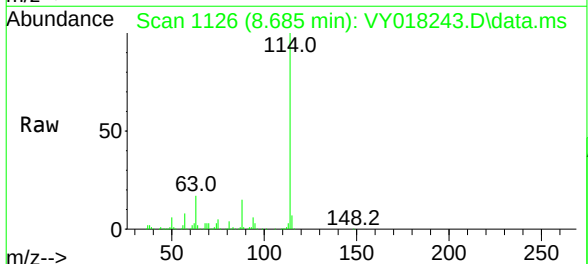
Manual Integrations
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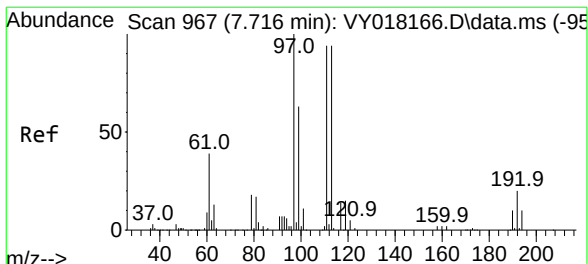
Reviewed By :Mahesh Dadoda 05/14/2024
 Supervised By :Semsettin Yesilyurt 05/14/2024



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY018243.D
 Acq: 13 May 2024 15:48

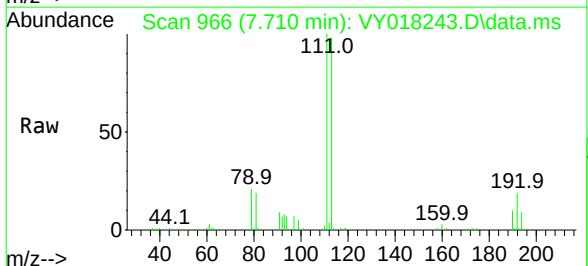
Tgt Ion:114 Resp: 323236
 Ion Ratio Lower Upper
 114 100
 63 16.8 0.0 35.0
 88 14.6 0.0 27.2





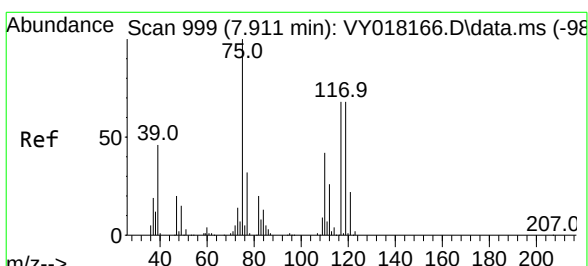
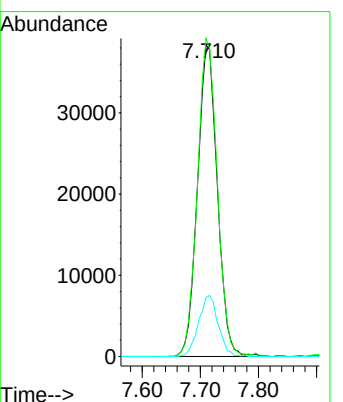
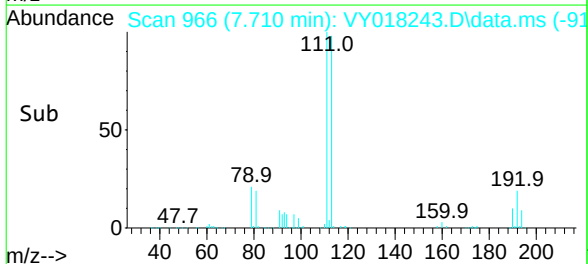
#35
 Dibromofluoromethane
 Concen: 53.653 ug/l
 RT: 7.710 min Scan# 96
 Delta R.T. -0.006 min
 Lab File: VY018243.D
 Acq: 13 May 2024 15:48

Instrument : MSVOA_Y
 ClientSampleId :
 LOQ-SOIL-02-QT2-2024

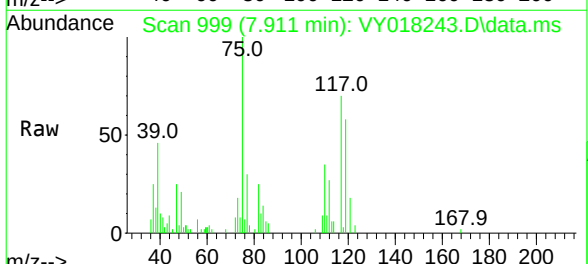


Tgt Ion:	113	Resp:	91144
Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.2	123.4
192	19.4	15.9	23.9

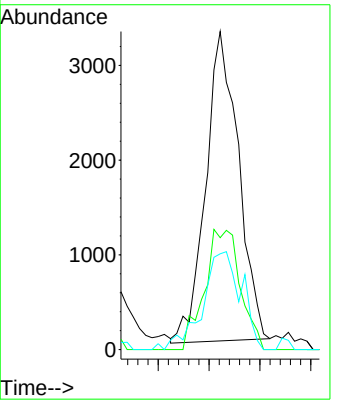
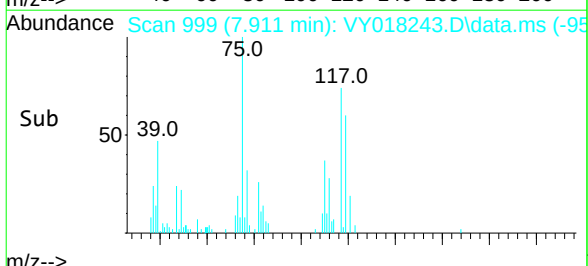
Manual Integrations
APPROVED
 Reviewed By :Mahesh Dadoda 05/14/2024
 Supervised By :Semsettin Yesilyurt 05/14/2024

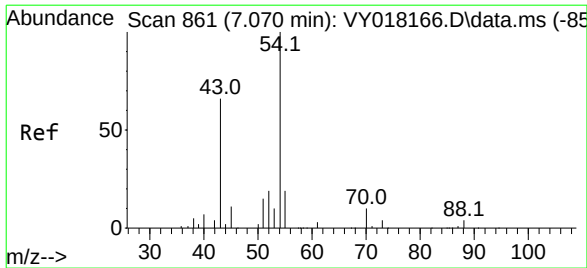


#36
 1,1-Dichloropropene
 Concen: 3.002 ug/l
 RT: 7.911 min Scan# 999
 Delta R.T. 0.000 min
 Lab File: VY018243.D
 Acq: 13 May 2024 15:48



Tgt Ion:	75	Resp:	7311
Ion	Ratio	Lower	Upper
75	100		
110	42.4	19.0	57.0
77	37.5	25.3	37.9





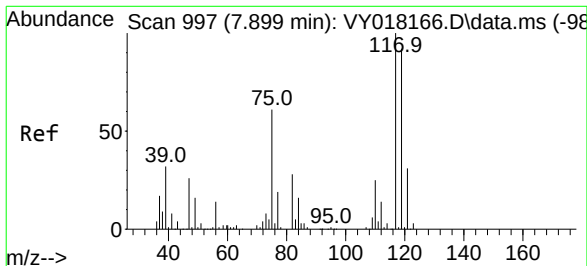
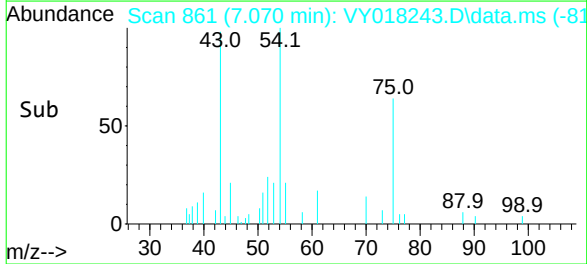
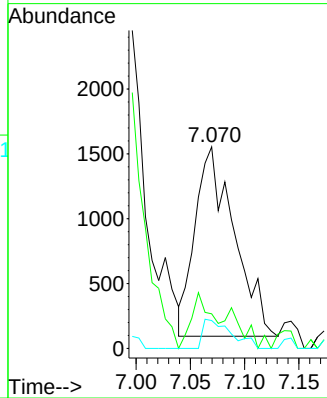
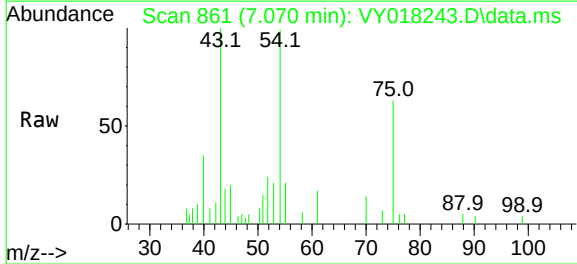
#37
Ethyl Acetate
Concen: 3.570 ug/l
RT: 7.070 min Scan# 861
Delta R.T. 0.000 min
Lab File: VY018243.D
Acq: 13 May 2024 15:48

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2024

Tgt Ion:	43	Resp:	3659
Ion	Ratio	Lower	Upper
43	100		
61	15.0	12.6	19.0
70	11.1	7.8	11.8

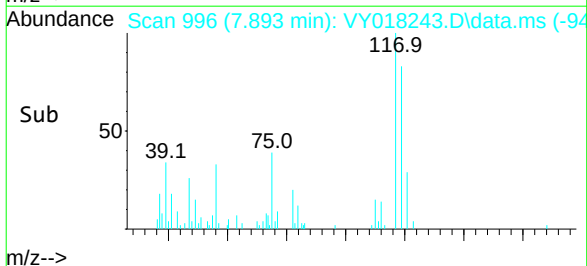
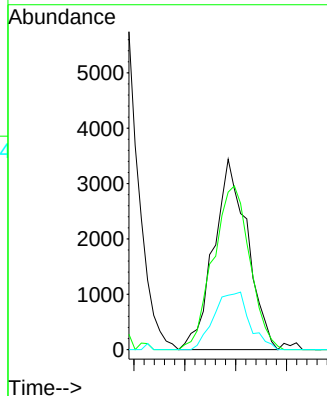
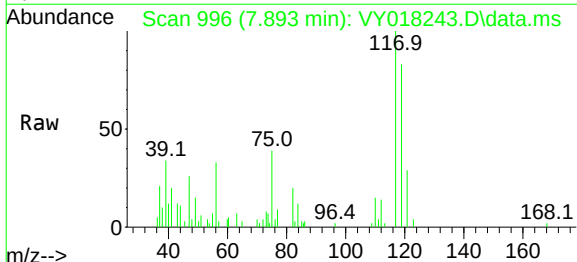
Manual Integrations
APPROVED

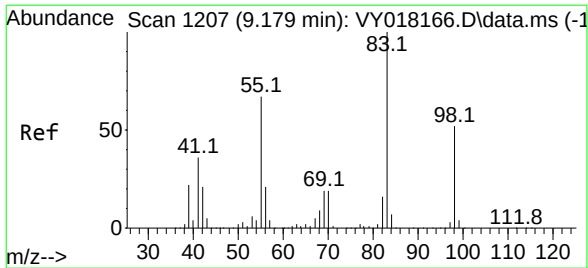
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#38
Carbon Tetrachloride
Concen: 2.984 ug/l
RT: 7.893 min Scan# 996
Delta R.T. -0.006 min
Lab File: VY018243.D
Acq: 13 May 2024 15:48

Tgt Ion:	117	Resp:	7940
Ion	Ratio	Lower	Upper
117	100		
119	82.7	75.8	113.6
121	28.6	24.0	36.0





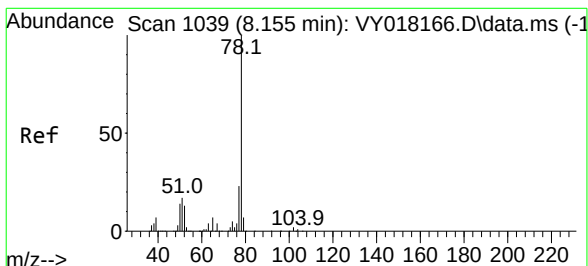
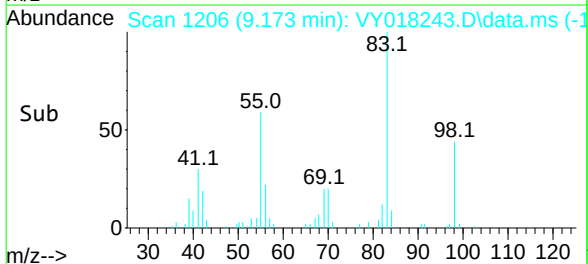
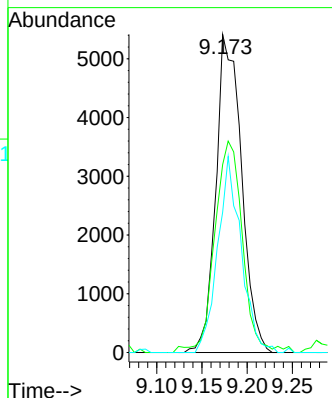
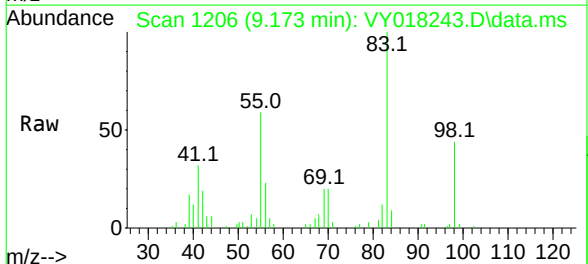
#39
Methylcyclohexane
Concen: 3.033 ug/l
RT: 9.173 min Scan# 1207
Delta R.T. -0.006 min
Lab File: VY018243.D
Acq: 13 May 2024 15:48

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2024

Tgt	Ion	Ratio	Lower	Upper
83	100			
55	57.1	51.5	77.3	
98	44.1	40.5	60.7	

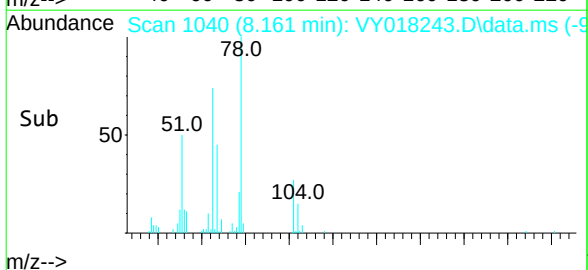
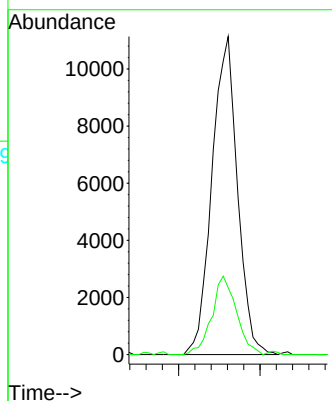
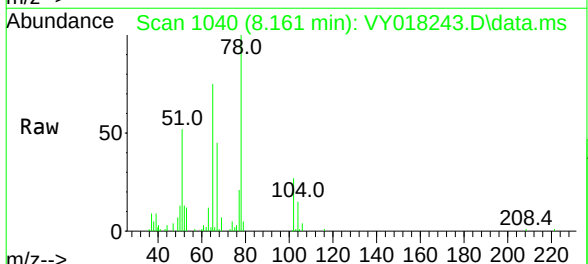
Manual Integrations
APPROVED

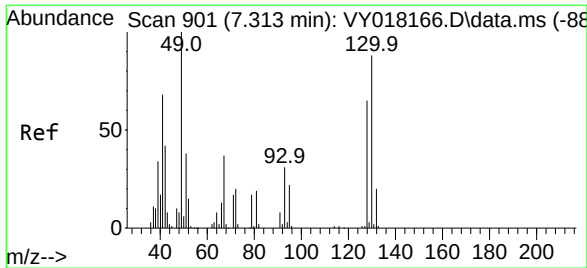
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#40
Benzene
Concen: 3.098 ug/l
RT: 8.161 min Scan# 1040
Delta R.T. 0.006 min
Lab File: VY018243.D
Acq: 13 May 2024 15:48

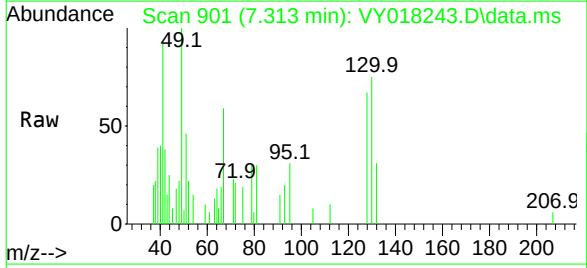
Tgt	Ion	Ratio	Lower	Upper
78	100			
77	21.0	19.5	29.3	





#41
Methacrylonitrile
Concen: 3.501 ug/l m
RT: 7.313 min Scan# 901
Delta R.T. 0.000 min
Lab File: VY018243.D
Acq: 13 May 2024 15:48

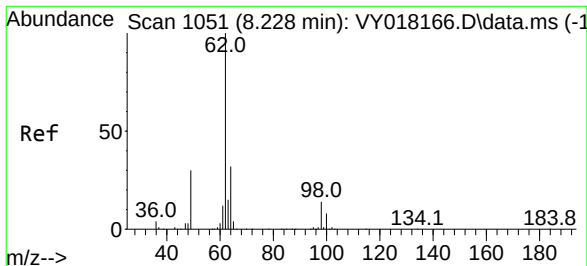
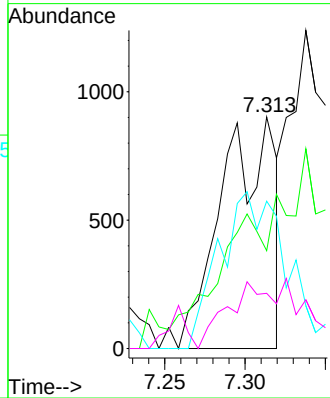
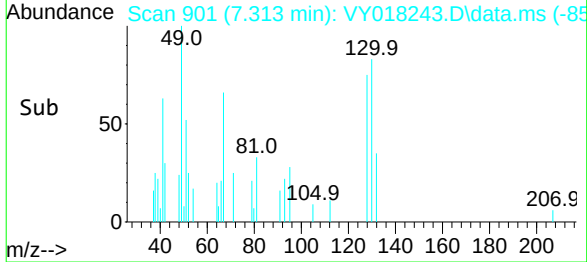
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2024



Tgt Ion: 41 Resp: 2072
Ion Ratio Lower Upper
41 100
39 55.6 48.0 72.0
67 84.7 75.1 112.7
52 24.5 29.8 44.6#

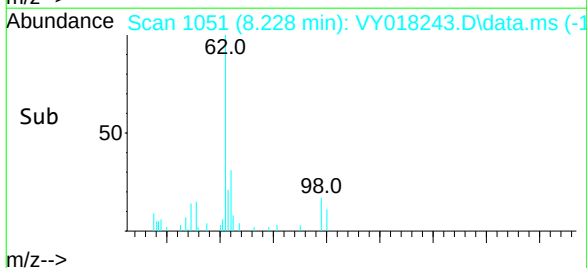
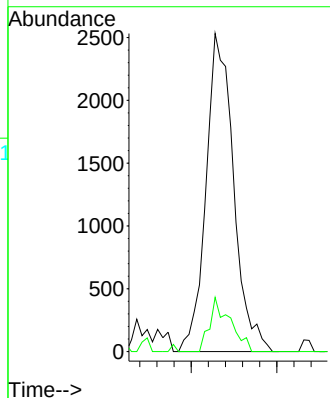
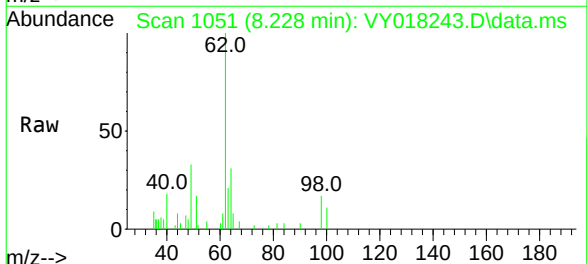
Manual Integrations
APPROVED

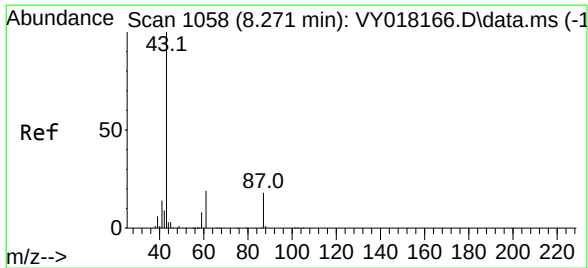
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#42
1,2-Dichloroethane
Concen: 3.321 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VY018243.D
Acq: 13 May 2024 15:48

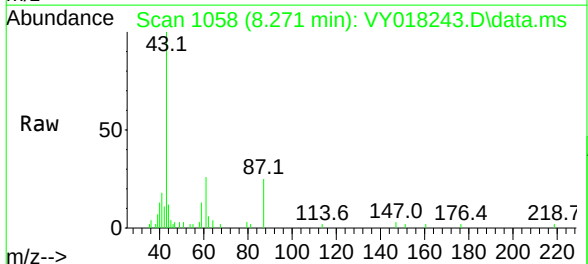
Tgt Ion: 62 Resp: 5661
Ion Ratio Lower Upper
62 100
98 12.6 0.0 22.0





#43
Isopropyl Acetate
Concen: 3.236 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY018243.D
Acq: 13 May 2024 15:48

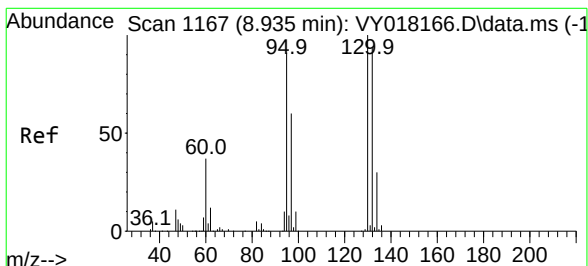
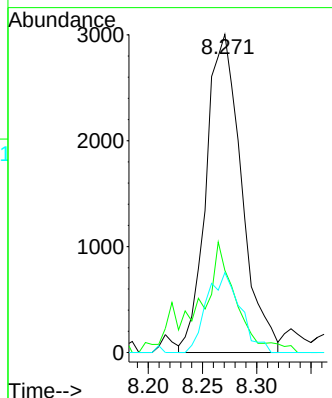
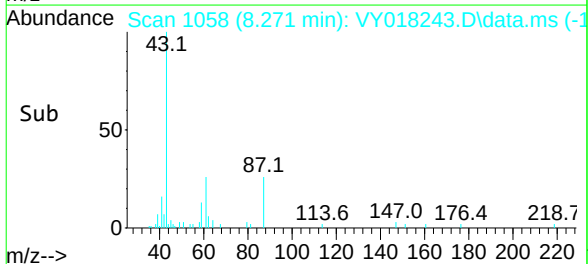
Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT2-2024



Tgt Ion	Ratio	Lower	Upper
43	100		
61	28.5	27.9	41.9
87	24.0	13.1	19.7

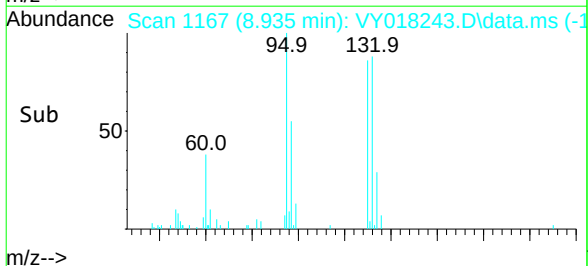
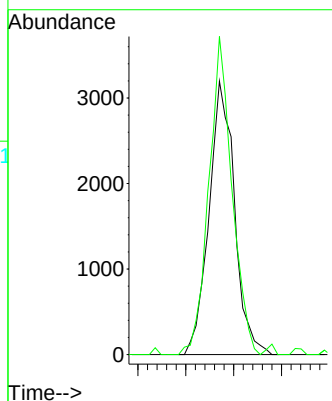
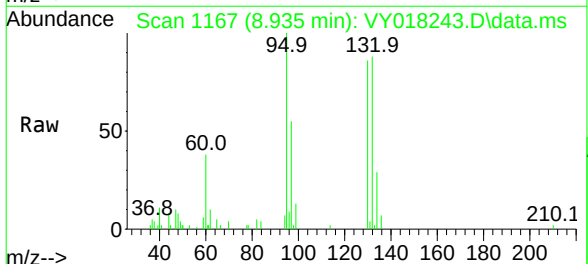
Manual Integrations
APPROVED

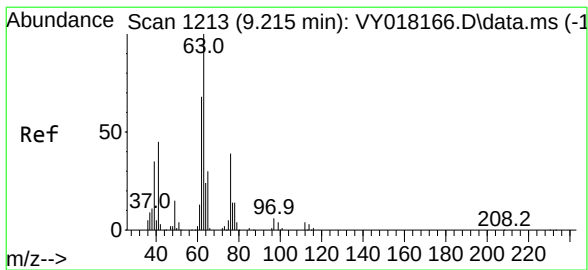
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#44
Trichloroethene
Concen: 2.768 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY018243.D
Acq: 13 May 2024 15:48

Tgt Ion	Ratio	Lower	Upper
130	100		
95	116.3	0.0	188.0





#45

1,2-Dichloropropane

Concen: 3.114 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY018243.D

Acq: 13 May 2024 15:48

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT2-2024

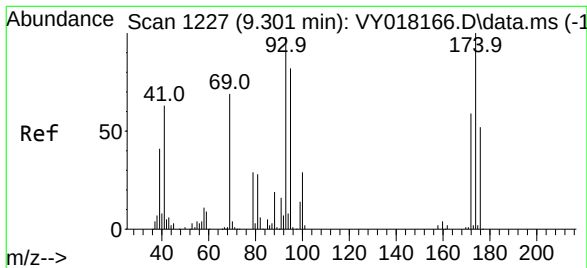
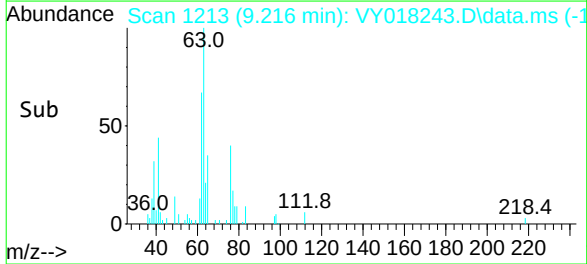
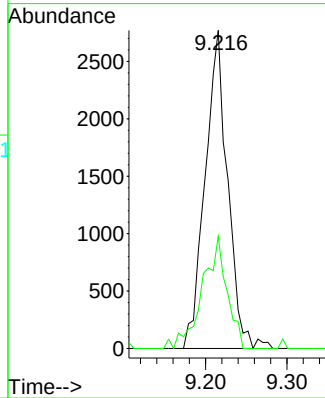
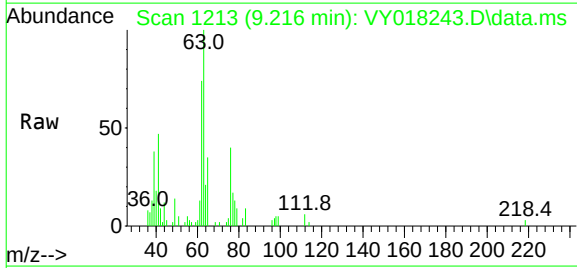
Tgt Ion:	63	Resp:	5333
Ion	Ratio	Lower	Upper
63	100		
65	35.3	25.4	38.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/14/2024

Supervised By :Semsettin Yesilyurt 05/14/2024



#46

Dibromomethane

Concen: 3.365 ug/l

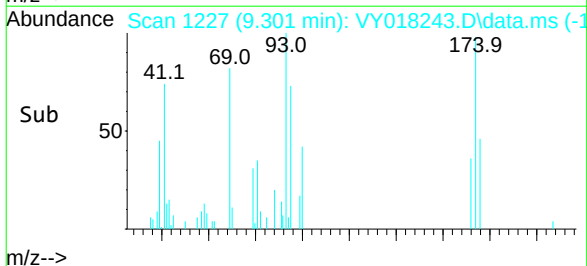
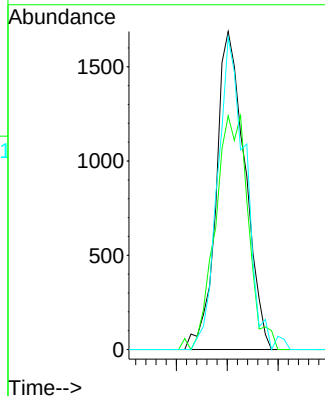
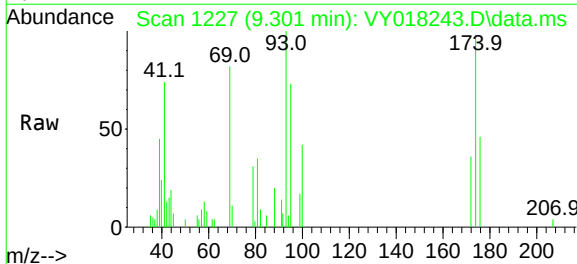
RT: 9.301 min Scan# 1227

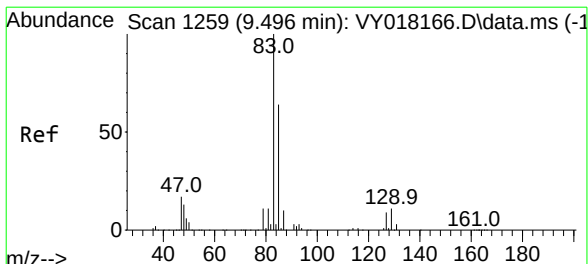
Delta R.T. 0.000 min

Lab File: VY018243.D

Acq: 13 May 2024 15:48

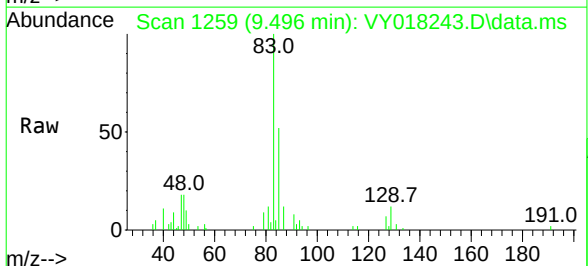
Tgt Ion:	93	Resp:	3313
Ion	Ratio	Lower	Upper
93	100		
95	84.5	66.2	99.4
174	95.5	80.9	121.3





#47
 Bromodichloromethane
 Concen: 3.031 ug/l
 RT: 9.496 min Scan# 1259
 Delta R.T. 0.000 min
 Lab File: VY018243.D
 Acq: 13 May 2024 15:48

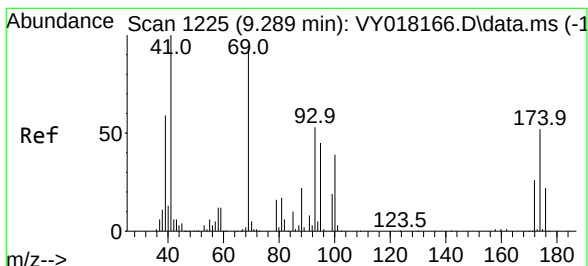
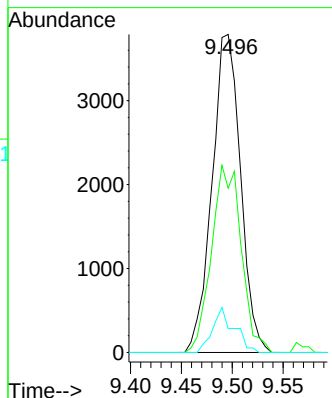
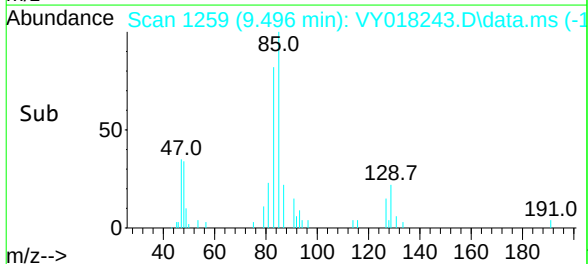
Instrument : MSVOA_Y
 ClientSampleId : LOQ-SOIL-02-QT2-2024



Tgt Ion:	83	Resp:	7378
Ion	Ratio	Lower	Upper
83	100		
85	51.6	50.1	75.1
127	7.5	7.4	11.0

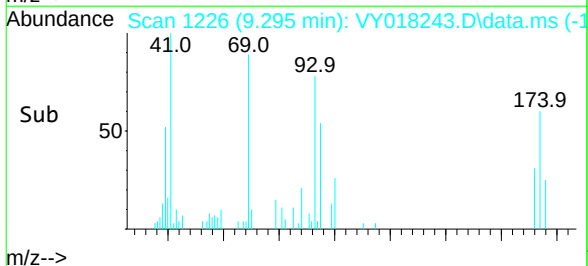
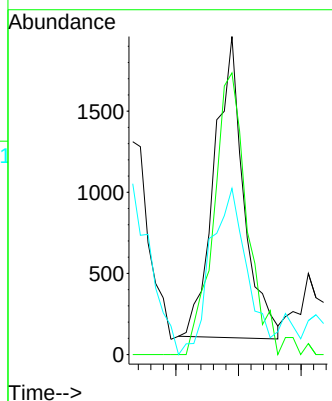
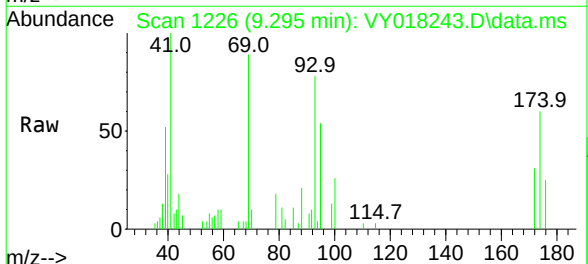
Manual Integrations
 APPROVED

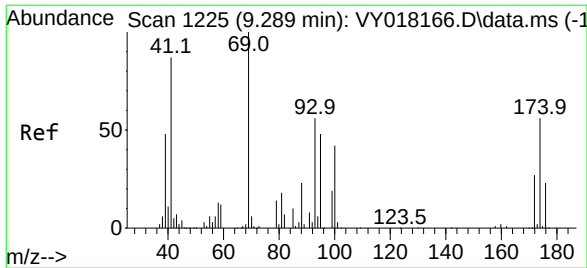
Reviewed By :Mahesh Dadoda 05/14/2024
 Supervised By :Semsettin Yesilyurt 05/14/2024



#48
 Methyl methacrylate
 Concen: 3.156 ug/l
 RT: 9.295 min Scan# 1226
 Delta R.T. 0.006 min
 Lab File: VY018243.D
 Acq: 13 May 2024 15:48

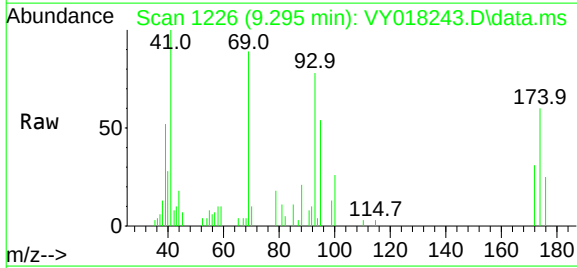
Tgt Ion:	41	Resp:	3039
Ion	Ratio	Lower	Upper
41	100		
69	108.0	84.1	126.1
39	67.4	43.6	65.4





#49
1,4-Dioxane
Concen: 55.401 ug/l
RT: 9.295 min Scan# 1225
Delta R.T. 0.006 min
Lab File: VY018243.D
Acq: 13 May 2024 15:48

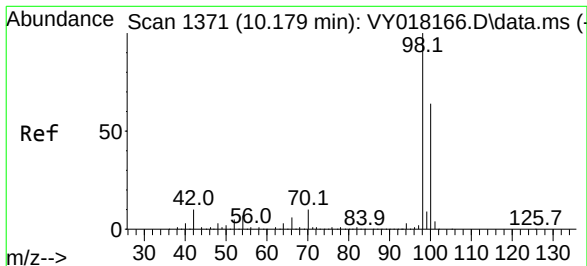
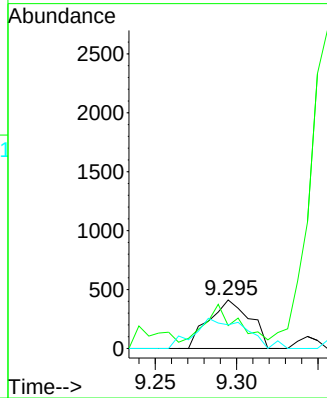
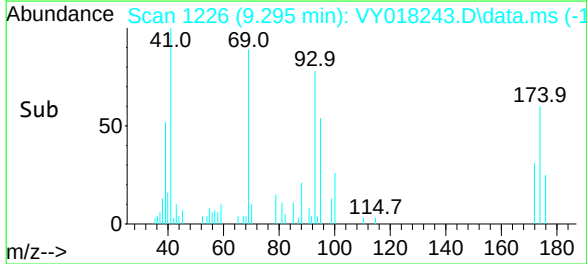
Instrument : MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2024



Tgt Ion: 88 Resp: 724
Ion Ratio Lower Upper
88 100
43 59.1 0.0 0.0#
58 78.0 49.3 73.9#

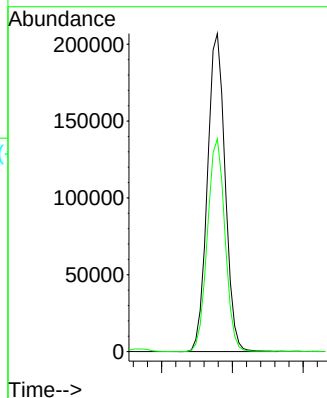
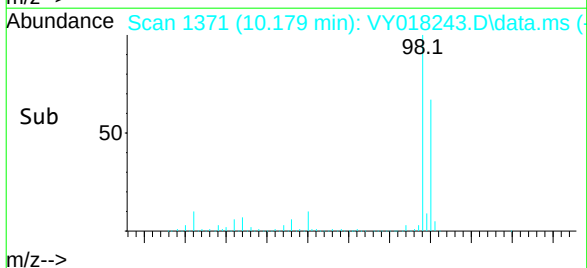
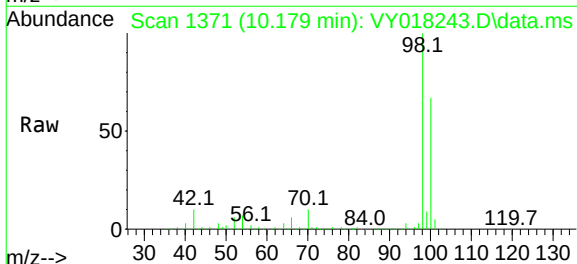
Manual Integrations
APPROVED

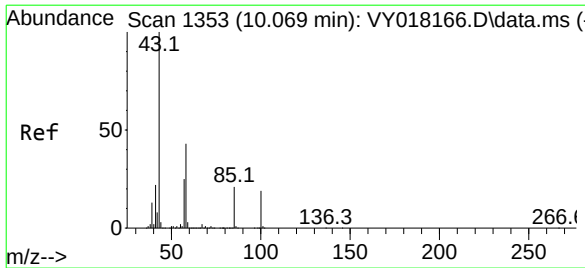
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#50
Toluene-d8
Concen: 53.772 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY018243.D
Acq: 13 May 2024 15:48

Tgt Ion: 98 Resp: 359956
Ion Ratio Lower Upper
98 100
100 66.2 52.0 78.0





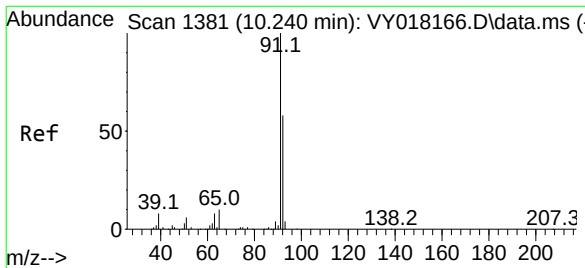
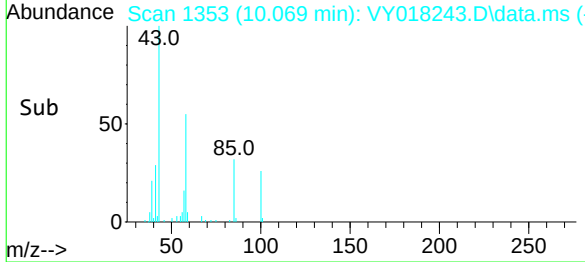
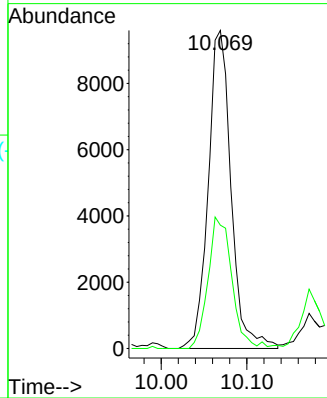
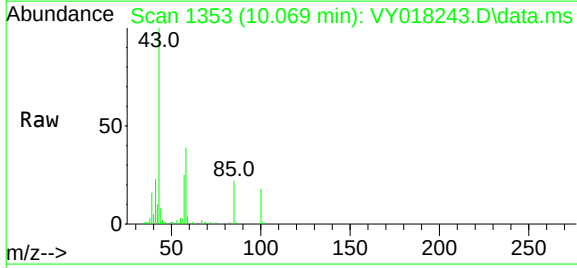
#51
4-Methyl-2-Pentanone
Concen: 16.831 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY018243.D
Acq: 13 May 2024 15:48

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2024

Tgt Ion: 43 Resp: 17773
Ion Ratio Lower Upper
43 100
58 43.1 35.7 53.5

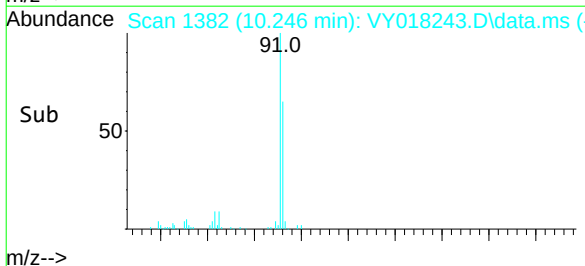
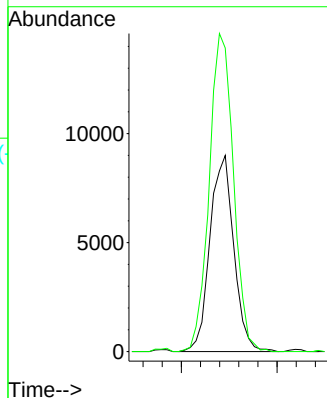
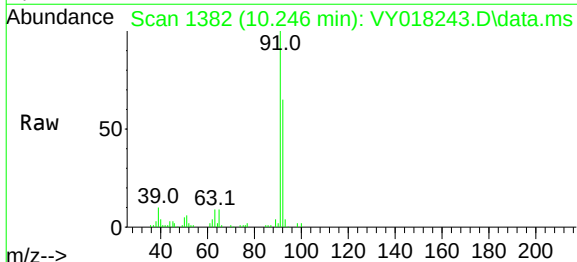
Manual Integrations
APPROVED

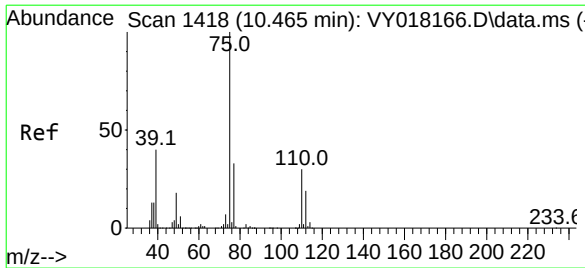
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#52
Toluene
Concen: 3.095 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY018243.D
Acq: 13 May 2024 15:48

Tgt Ion: 92 Resp: 15607
Ion Ratio Lower Upper
92 100
91 164.9 139.0 208.6





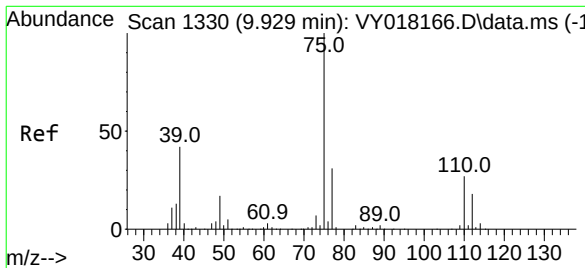
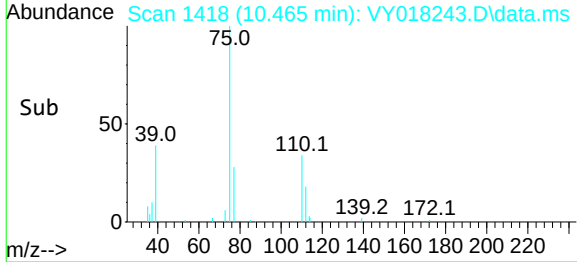
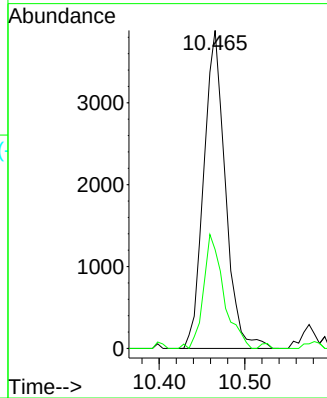
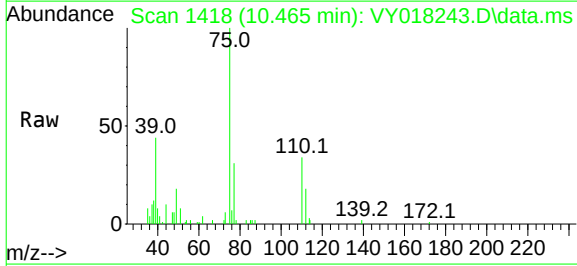
#53
t-1,3-Dichloropropene
Concen: 2.988 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY018243.D
Acq: 13 May 2024 15:48

Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT2-2024

Tgt Ion: 75 Resp: 6792
Ion Ratio Lower Upper
75 100
77 31.1 24.1 36.1

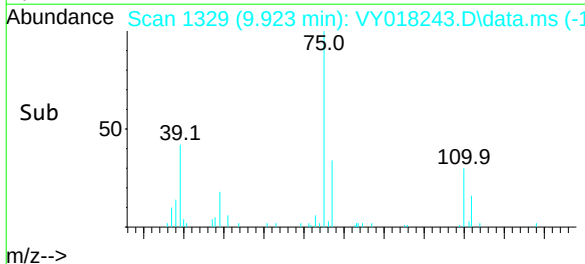
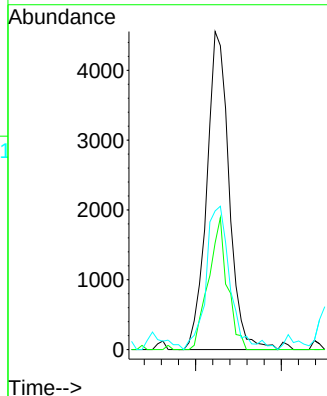
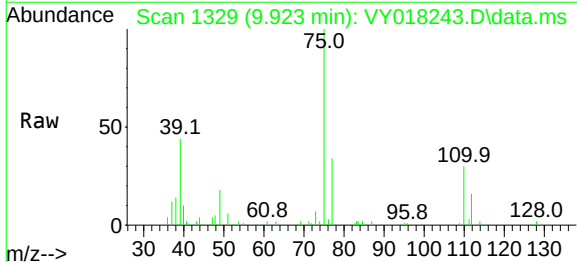
Manual Integrations
APPROVED

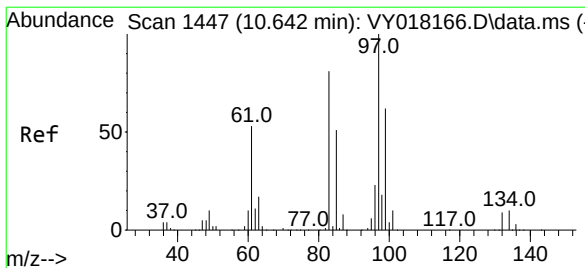
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#54
cis-1,3-Dichloropropene
Concen: 2.966 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.006 min
Lab File: VY018243.D
Acq: 13 May 2024 15:48

Tgt Ion: 75 Resp: 8242
Ion Ratio Lower Upper
75 100
77 33.5 25.4 38.0
39 43.6 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 3.312 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY018243.D

Acq: 13 May 2024 15:48

Instrument :

MSVOA_Y

ClientSampleId :

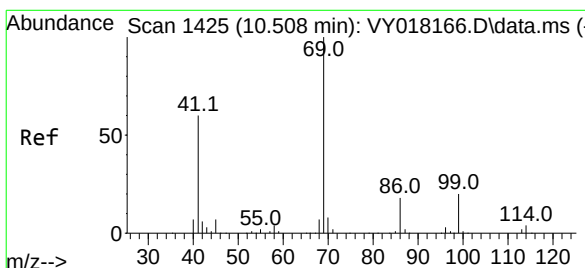
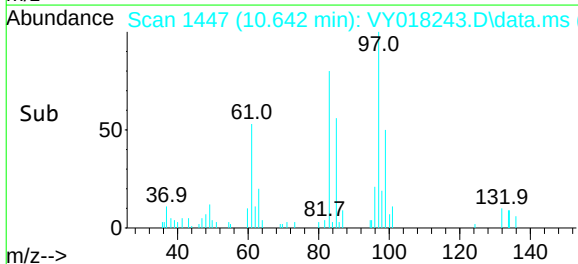
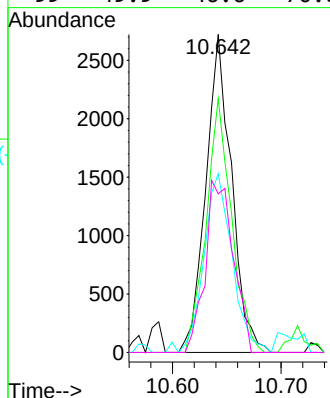
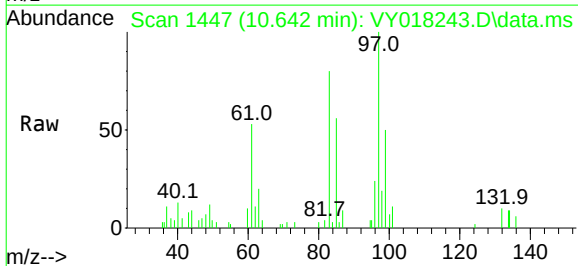
LOQ-SOIL-02-QT2-2024

Tgt Ion:	97	Resp:	4479
Ion	Ratio	Lower	Upper
97	100		
83	79.9	67.5	101.3
85	56.2	42.9	64.3
99	49.9	46.6	70.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#56

Ethyl methacrylate

Concen: 3.258 ug/l

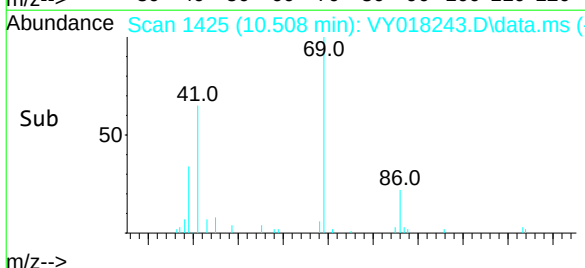
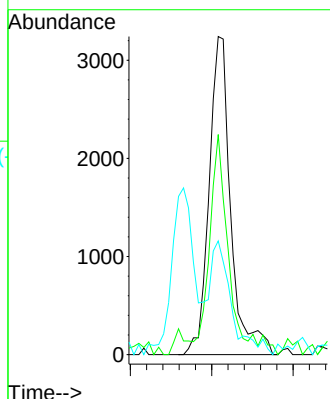
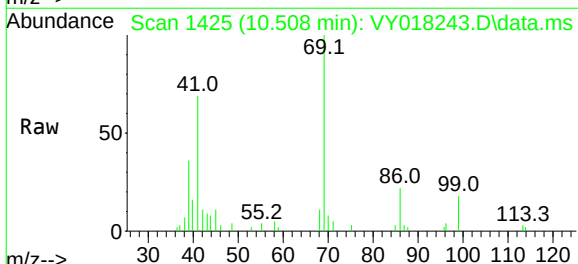
RT: 10.508 min Scan# 1425

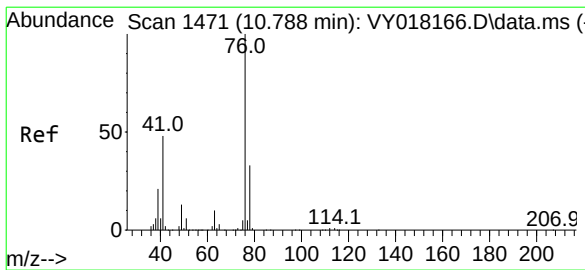
Delta R.T. 0.000 min

Lab File: VY018243.D

Acq: 13 May 2024 15:48

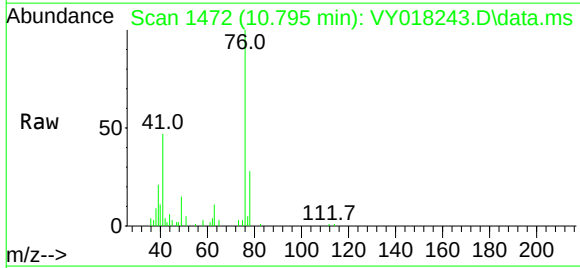
Tgt Ion:	69	Resp:	5984
Ion	Ratio	Lower	Upper
69	100		
41	48.7	42.3	63.5
39	35.5	22.9	34.3





#57
1,3-Dichloropropane
Concen: 3.168 ug/l
RT: 10.795 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VY018243.D
Acq: 13 May 2024 15:48

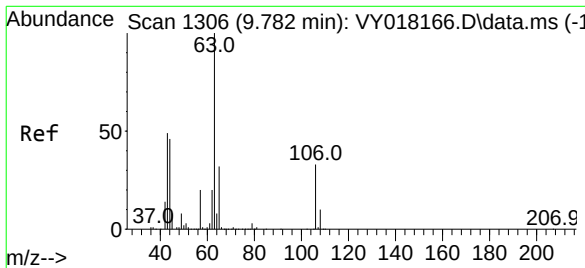
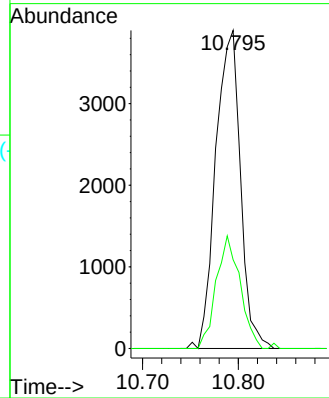
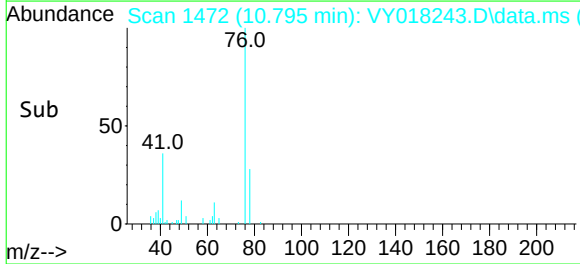
Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT2-2024



Tgt Ion: 76 Resp: 6974
Ion Ratio Lower Upper
76 100
78 34.3 26.2 39.4

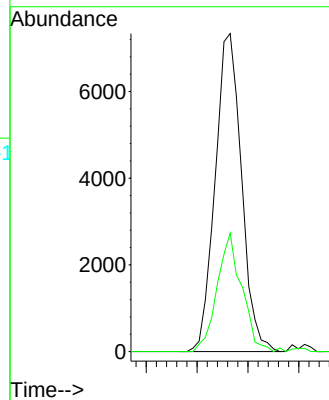
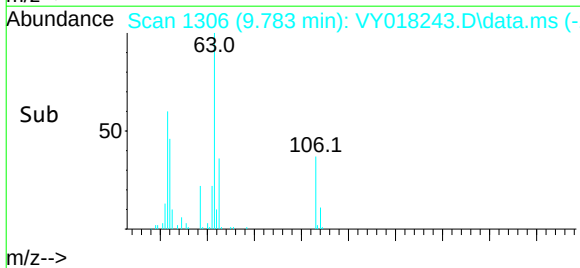
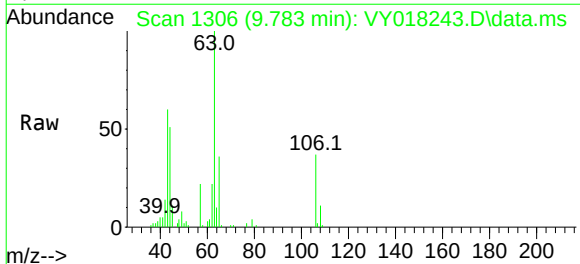
Manual Integrations
APPROVED

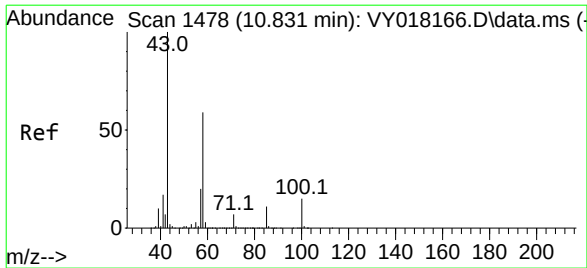
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#58
2-Chloroethyl Vinyl ether
Concen: 15.050 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. 0.000 min
Lab File: VY018243.D
Acq: 13 May 2024 15:48

Tgt Ion: 63 Resp: 13200
Ion Ratio Lower Upper
63 100
106 34.7 23.7 35.5





#59

2-Hexanone

Concen: 15.492 ug/l

RT: 10.831 min Scan# 1478

Delta R.T. 0.000 min

Lab File: VY018243.D

Acq: 13 May 2024 15:48

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT2-2024

Tgt Ion: 43 Resp: 11438

Ion Ratio Lower Upper

43 100

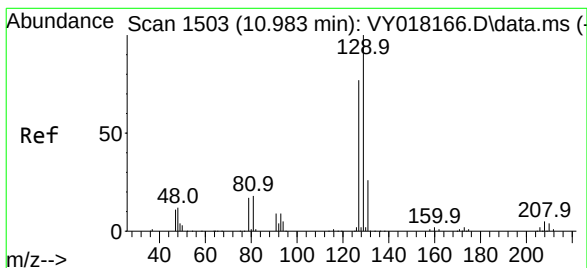
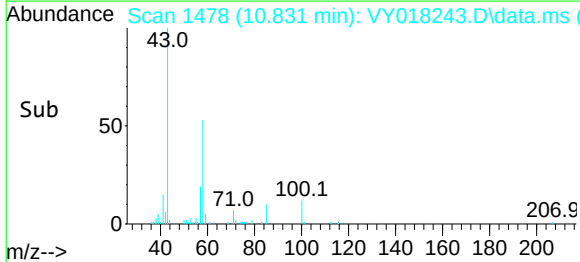
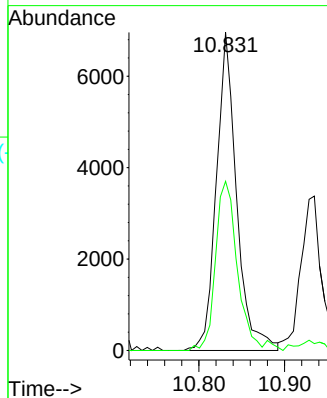
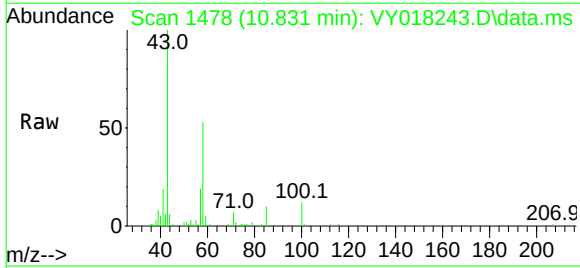
58 56.4 31.4 94.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/14/2024

Supervised By :Semsettin Yesilyurt 05/14/2024



#60

Dibromochloromethane

Concen: 2.887 ug/l

RT: 10.977 min Scan# 1502

Delta R.T. -0.006 min

Lab File: VY018243.D

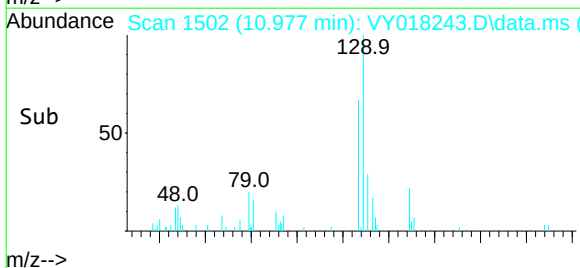
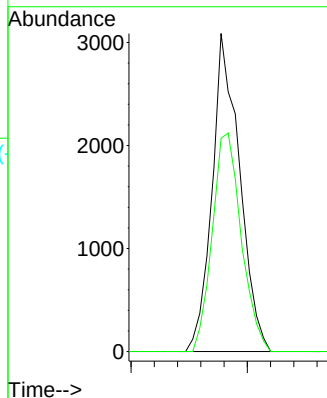
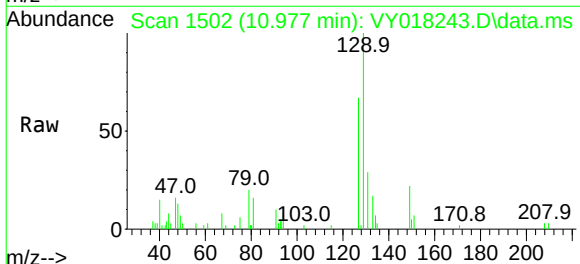
Acq: 13 May 2024 15:48

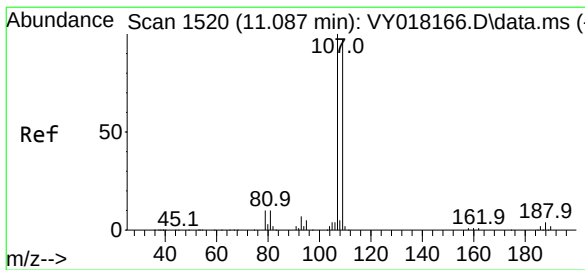
Tgt Ion:129 Resp: 5066

Ion Ratio Lower Upper

129 100

127 72.4 39.0 117.0





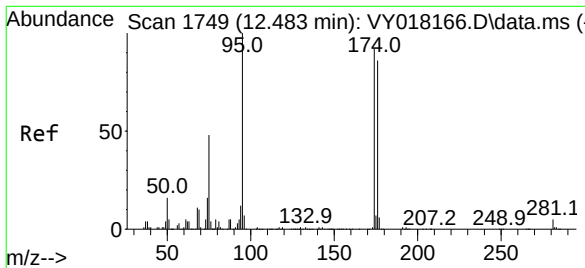
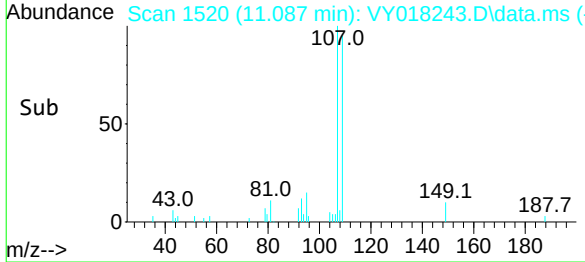
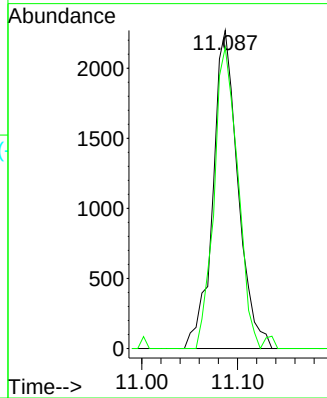
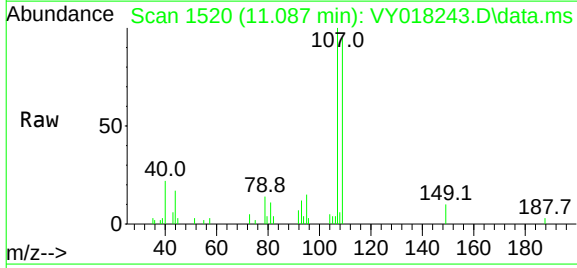
#61
1,2-Dibromoethane
Concen: 3.250 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY018243.D
Acq: 13 May 2024 15:48

Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT2-2024

Tgt Ion: 107 Resp: 4140
Ion Ratio Lower Upper
107 100
109 89.4 75.9 113.9

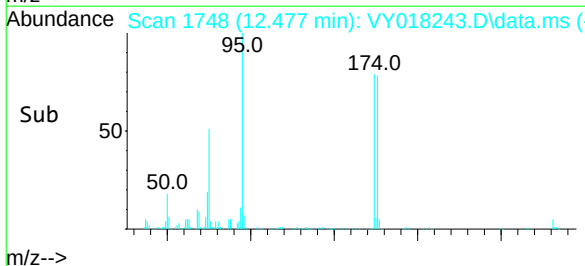
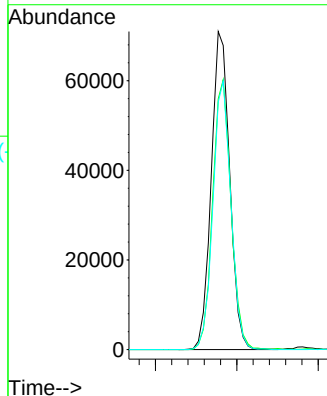
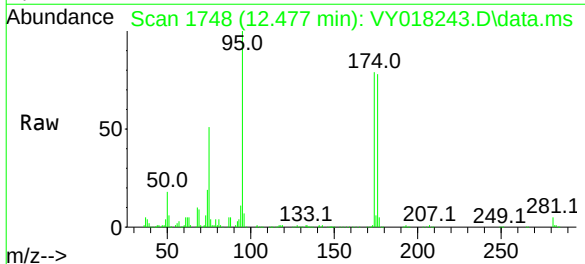
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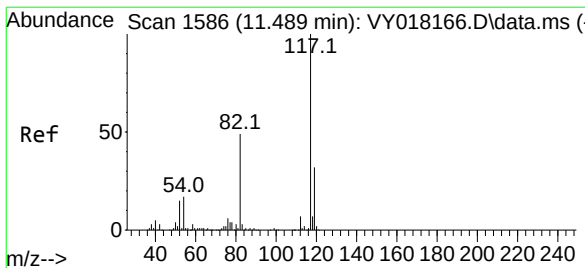
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#62
4-Bromofluorobenzene
Concen: 51.757 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY018243.D
Acq: 13 May 2024 15:48

Tgt Ion: 95 Resp: 111890
Ion Ratio Lower Upper
95 100
174 84.1 0.0 175.6
176 82.2 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 15

Delta R.T. 0.000 min

Lab File: VY018243.D

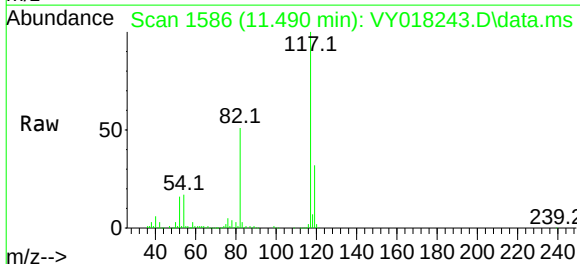
Acq: 13 May 2024 15:48

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT2-2024



Tgt Ion:117 Resp: 275236

Ion Ratio Lower Upper

117 100

82 51.1 42.4 63.6

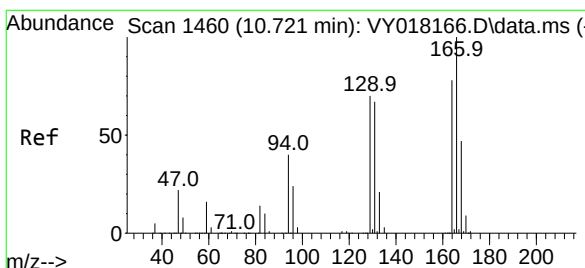
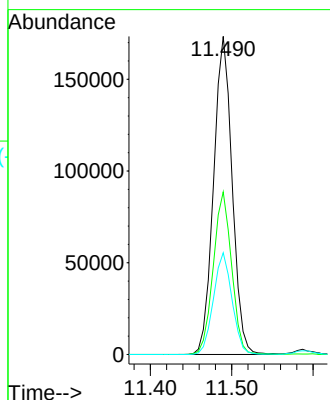
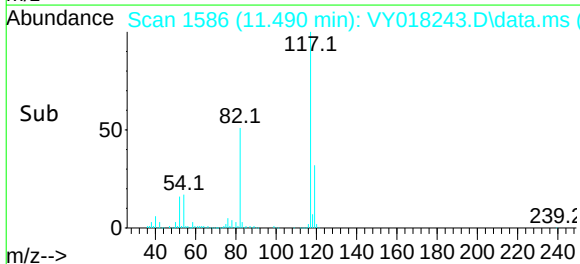
119 32.0 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/14/2024

Supervised By :Semsettin Yesilyurt 05/14/2024



#64

Tetrachloroethene

Concen: 3.051 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VY018243.D

Acq: 13 May 2024 15:48

Tgt Ion:164 Resp: 5591

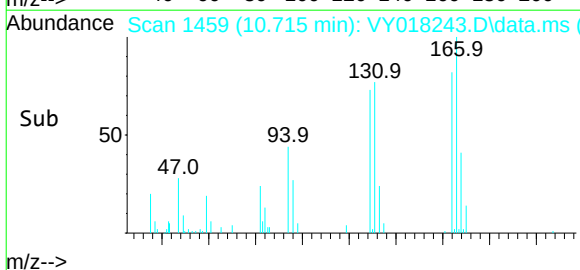
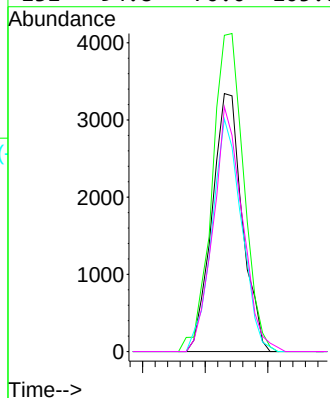
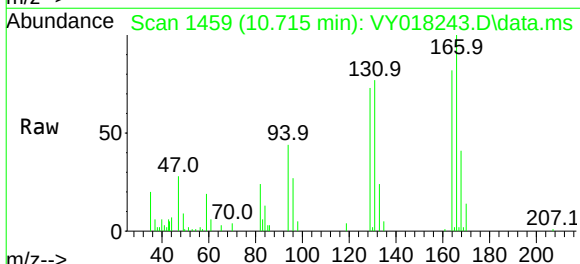
Ion Ratio Lower Upper

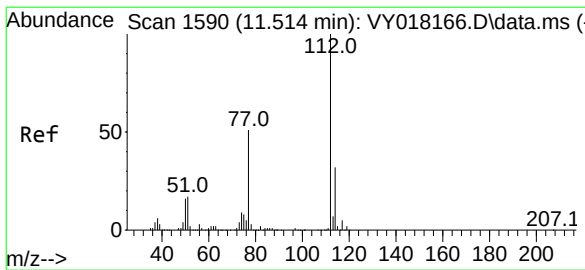
164 100

166 122.6 102.6 154.0

129 90.1 72.0 108.0

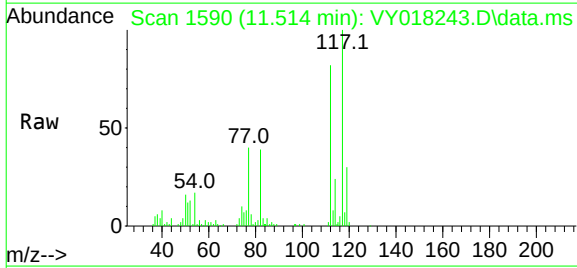
131 94.8 70.0 105.0





#65
Chlorobenzene
Concen: 3.061 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY018243.D
Acq: 13 May 2024 15:48

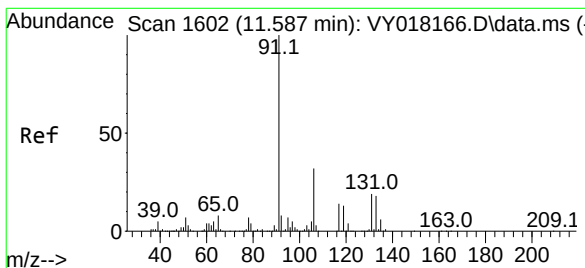
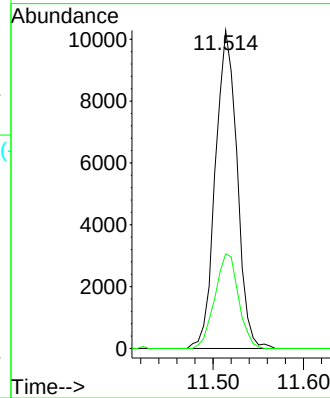
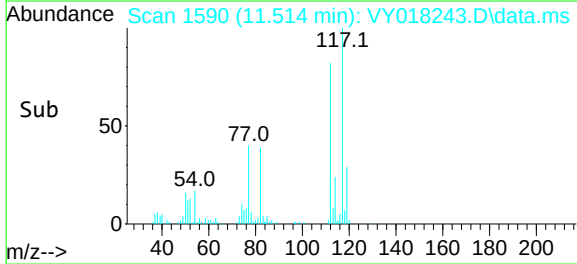
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2024



Tgt Ion:112 Resp: 17158
Ion Ratio Lower Upper
112 100
114 29.7 26.4 39.6

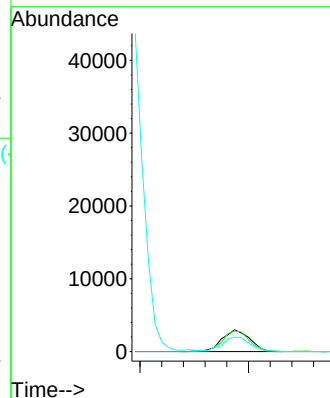
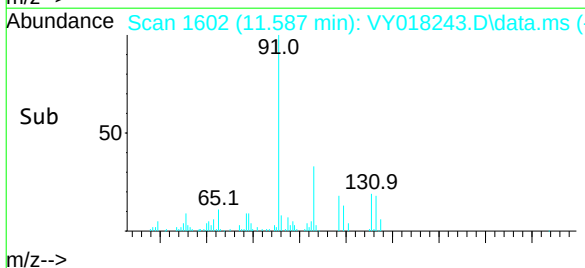
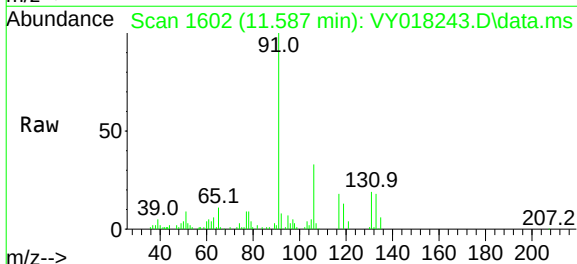
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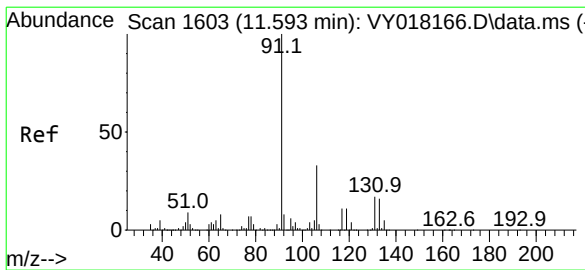
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 2.899 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY018243.D
Acq: 13 May 2024 15:48

Tgt Ion:131 Resp: 5256
Ion Ratio Lower Upper
131 100
133 93.5 47.8 143.3
119 68.3 34.1 102.2





#67

Ethyl Benzene

Concen: 3.002 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY018243.D

Acq: 13 May 2024 15:48

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT2-2024

Tgt Ion: 91 Resp: 28410

Ion Ratio Lower Upper

91 100

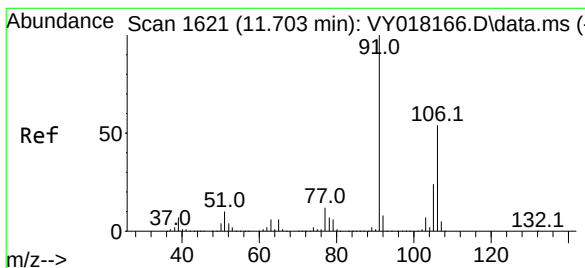
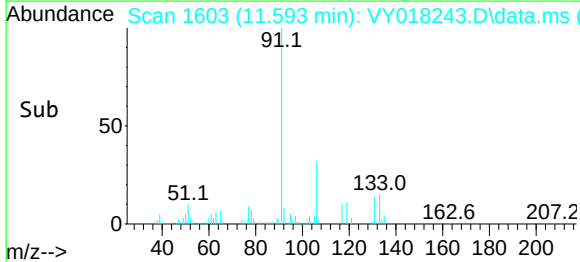
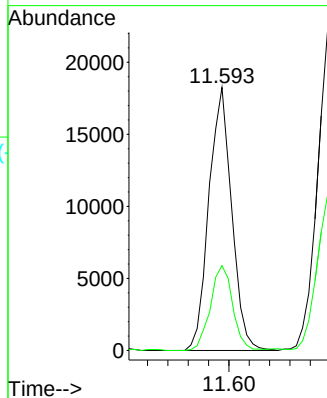
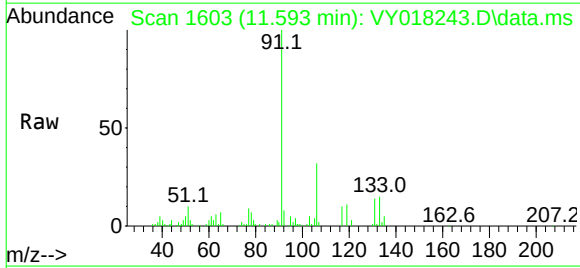
106 32.3 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/14/2024

Supervised By :Semsettin Yesilyurt 05/14/2024



#68

m/p-Xylenes

Concen: 5.824 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY018243.D

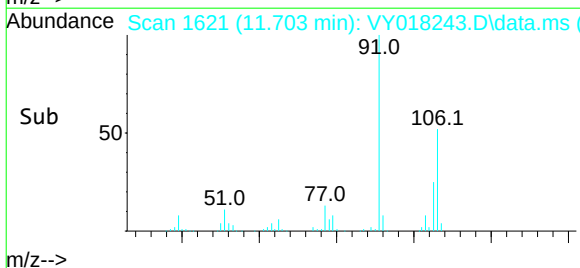
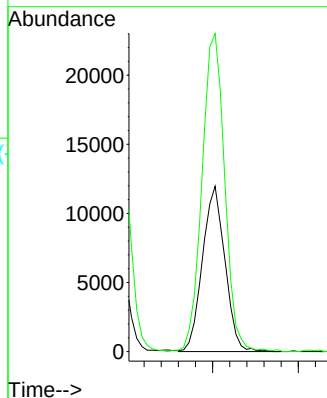
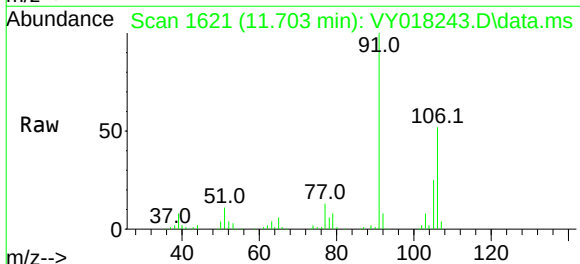
Acq: 13 May 2024 15:48

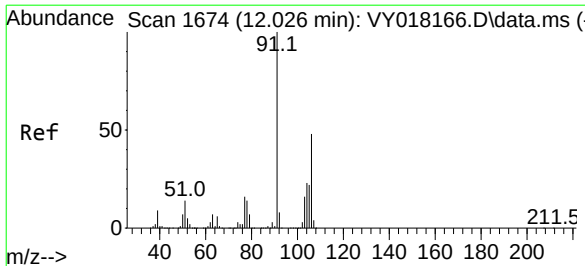
Tgt Ion:106 Resp: 21797

Ion Ratio Lower Upper

106 100

91 194.6 156.0 234.0





#69

o-Xylene

Concen: 2.965 ug/l

RT: 12.032 min Scan# 1675

Delta R.T. 0.006 min

Lab File: VY018243.D

Acq: 13 May 2024 15:48

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT2-2024

Tgt Ion:106 Resp: 10651

Ion Ratio Lower Upper

106 100

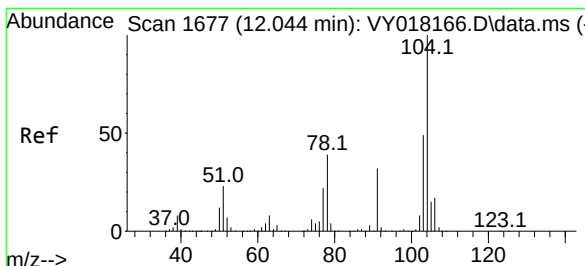
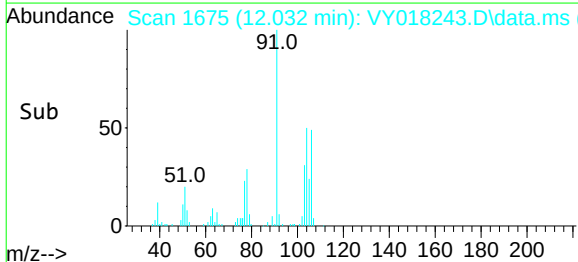
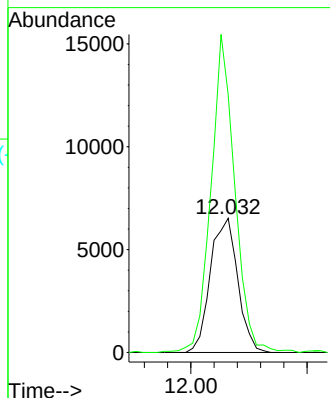
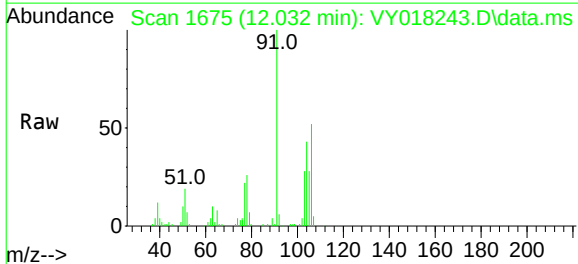
91 206.3 103.6 310.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/14/2024

Supervised By :Semsettin Yesilyurt 05/14/2024



#70

Styrene

Concen: 2.790 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY018243.D

Acq: 13 May 2024 15:48

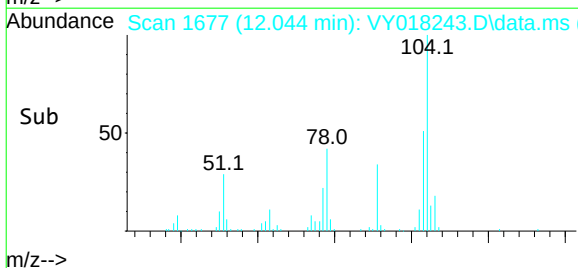
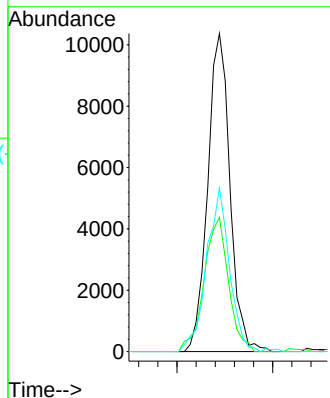
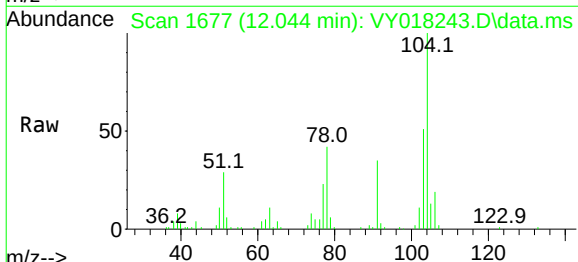
Tgt Ion:104 Resp: 16738

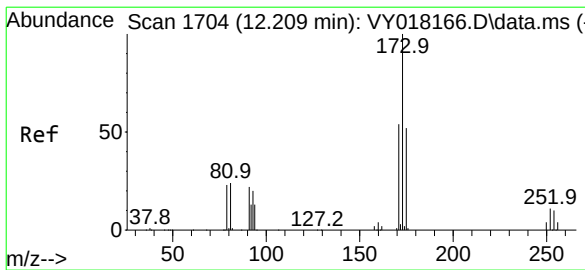
Ion Ratio Lower Upper

104 100

78 46.1 37.0 55.4

103 53.0 44.2 66.2





#71

Bromoform

Concen: 2.971 ug/l

RT: 12.203 min Scan# 1704

Delta R.T. -0.006 min

Lab File: VY018243.D

Acq: 13 May 2024 15:48

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT2-2024

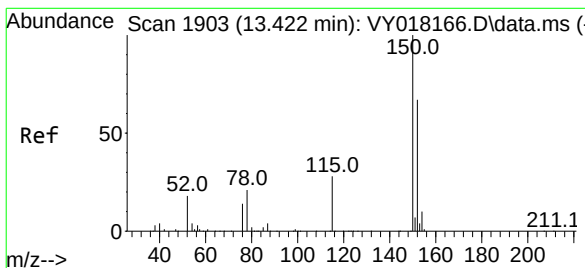
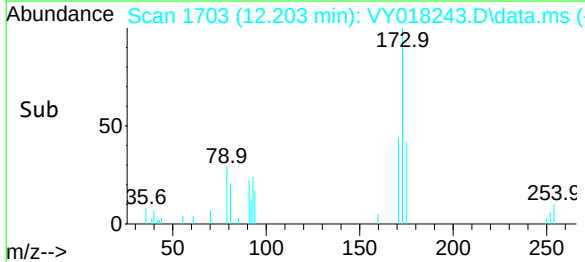
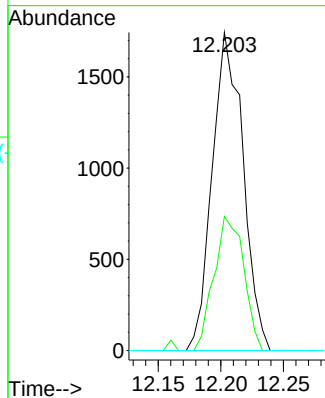
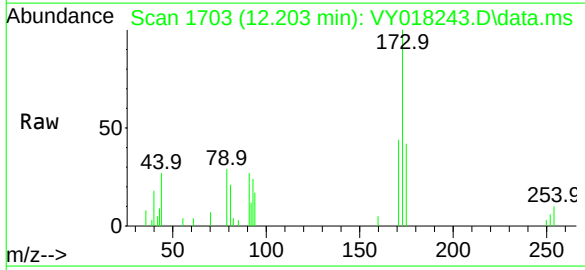
Tgt Ion	Ratio	Lower	Upper
173	100		
175	40.7	25.1	75.3
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/14/2024

Supervised By :Semsettin Yesilyurt 05/14/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

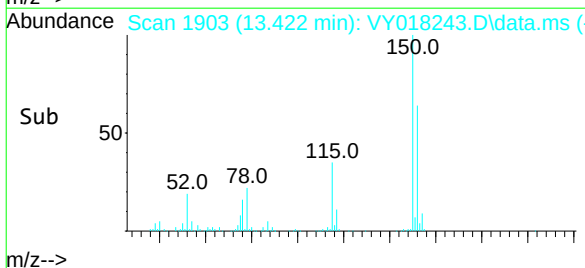
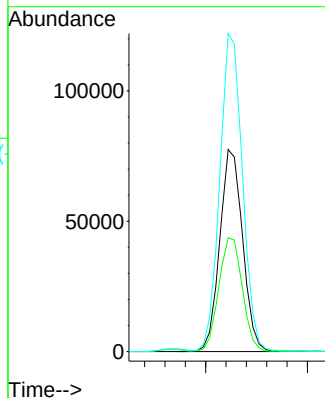
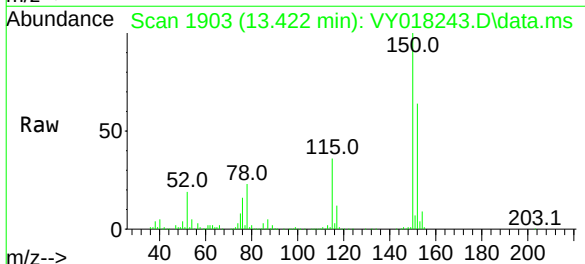
RT: 13.422 min Scan# 1903

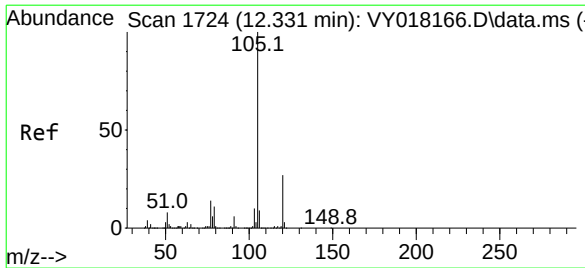
Delta R.T. 0.000 min

Lab File: VY018243.D

Acq: 13 May 2024 15:48

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.9	28.2	84.7
150	156.4	0.0	345.6





#73

Isopropylbenzene

Concen: 2.874 ug/l

RT: 12.325 min Scan# 1723

Delta R.T. -0.006 min

Lab File: VY018243.D

Acq: 13 May 2024 15:48

Instrument :

MSVOA_Y

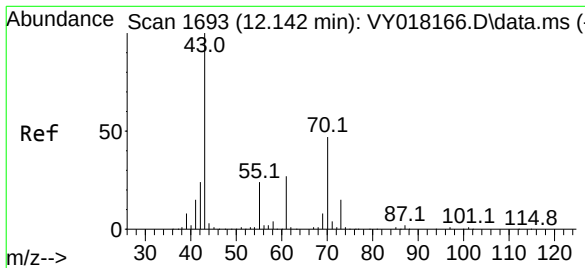
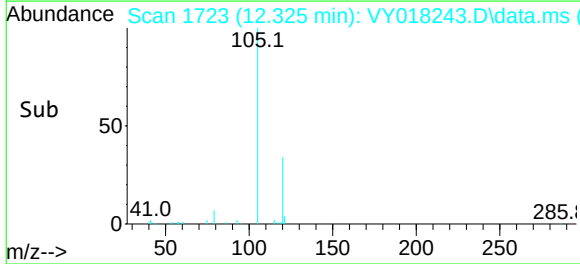
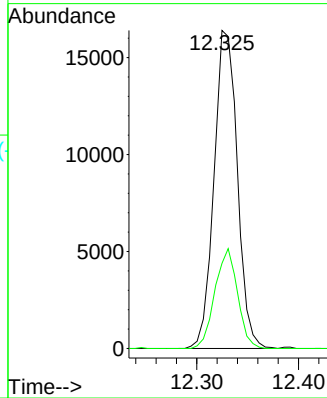
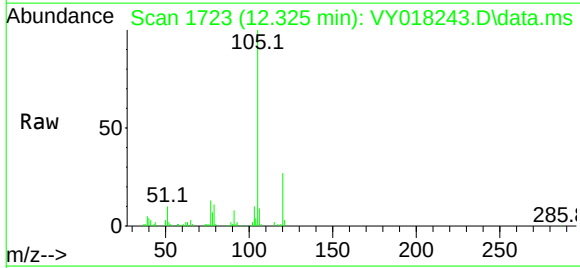
ClientSampleId :

LOQ-SOIL-02-QT2-2024

Tgt	Ion	105	Resp:	26109
Ion	Ratio	Lower	Upper	
105	100			
120	30.4	13.4	40.1	

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#74

N-ethyl acetate

Concen: 3.053 ug/l

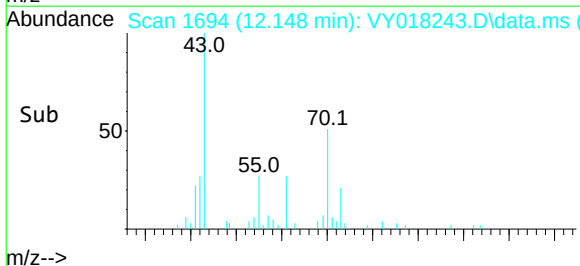
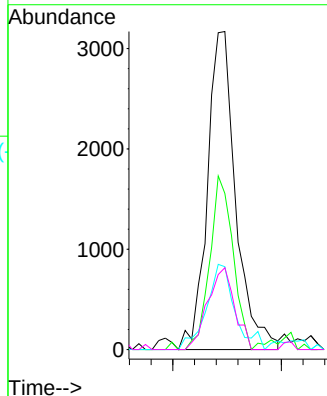
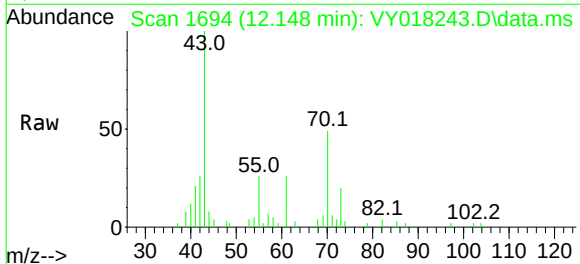
RT: 12.148 min Scan# 1694

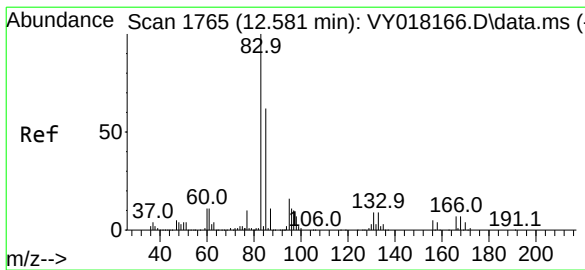
Delta R.T. 0.006 min

Lab File: VY018243.D

Acq: 13 May 2024 15:48

Tgt	Ion	43	Resp:	5757
Ion	Ratio	Lower	Upper	
43	100			
70	45.3	41.4	62.2	
55	27.2	23.3	34.9	
61	24.4	22.6	33.8	





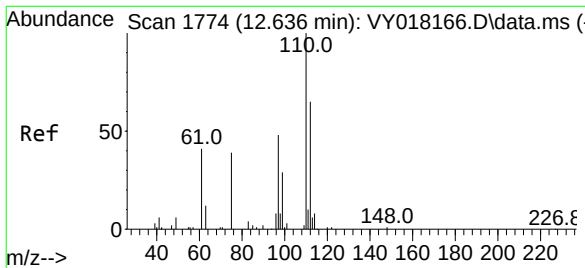
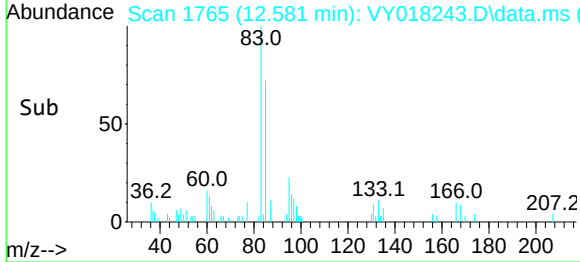
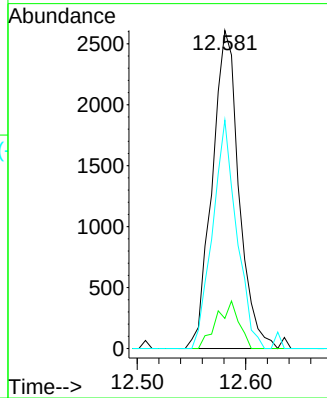
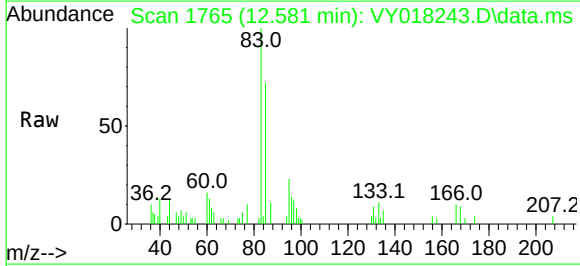
#75
1,1,2,2-Tetrachloroethane
Concen: 3.091 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY018243.D
Acq: 13 May 2024 15:48

Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT2-2024

Tgt	Ion	83	Resp:	4480
Ion	Ratio	Lower	Upper	
83	100			
131	12.4	5.0	14.9	
85	64.4	32.0	96.0	

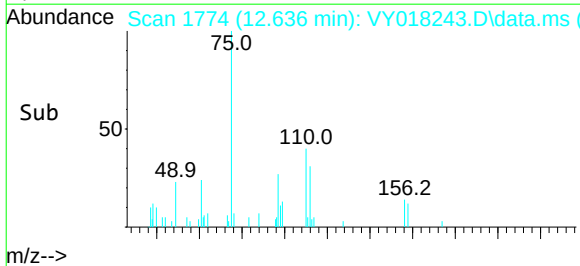
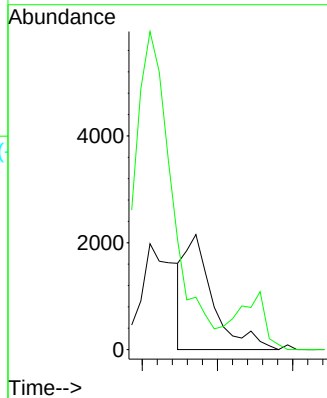
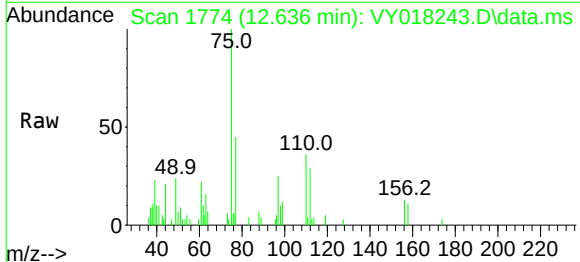
Manual Integrations
APPROVED

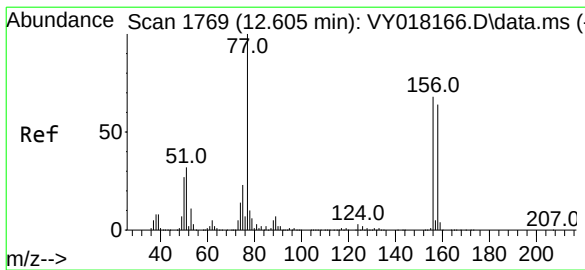
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#76
1,2,3-Trichloropropane
Concen: 2.916 ug/l m
RT: 12.636 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY018243.D
Acq: 13 May 2024 15:48

Tgt	Ion	75	Resp:	2828
Ion	Ratio	Lower	Upper	
75	100			
77	372.2	0.0	0.0#	





#77

Bromobenzene

Concen: 3.114 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY018243.D

Acq: 13 May 2024 15:48

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT2-2024

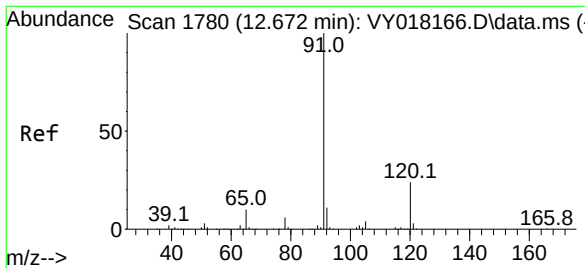
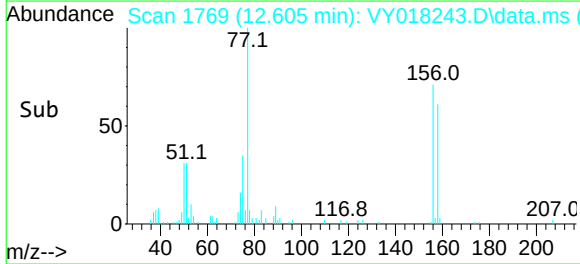
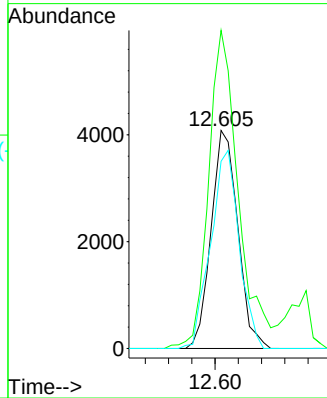
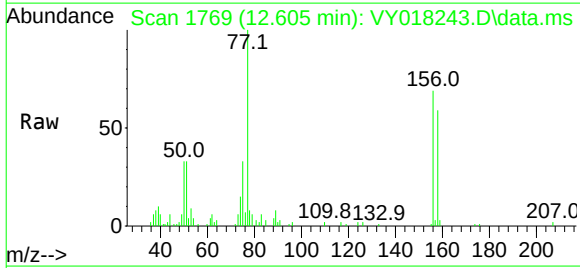
Tgt Ion:	156	Resp:	6500
Ion Ratio	Lower	Upper	
156	100		
77	162.0	87.1	261.3
158	96.9	48.6	145.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/14/2024

Supervised By :Semsettin Yesilyurt 05/14/2024



#78

n-propylbenzene

Concen: 3.001 ug/l

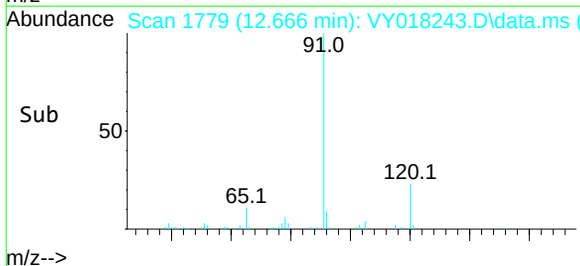
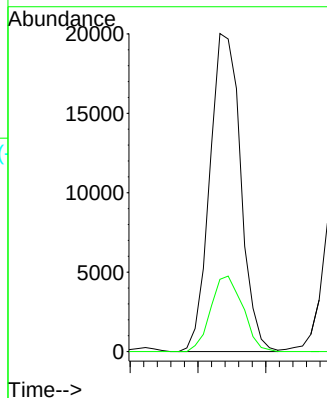
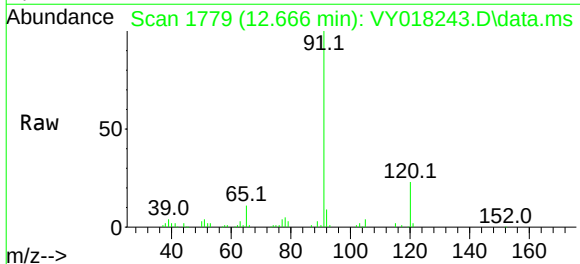
RT: 12.666 min Scan# 1779

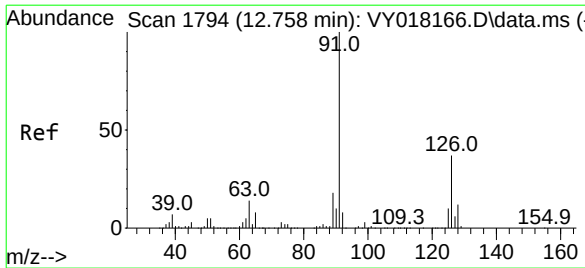
Delta R.T. -0.006 min

Lab File: VY018243.D

Acq: 13 May 2024 15:48

Tgt Ion:	91	Resp:	31717
Ion Ratio	Lower	Upper	
91	100		
120	24.6	11.5	34.4





#79

2-Chlorotoluene

Concen: 3.064 ug/l

RT: 12.758 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VY018243.D

Acq: 13 May 2024 15:48

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT2-2024

Tgt Ion: 91 Resp: 17992

Ion Ratio Lower Upper

91 100

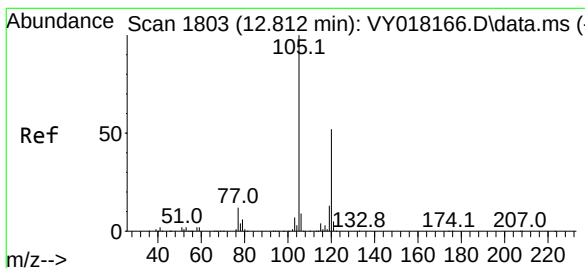
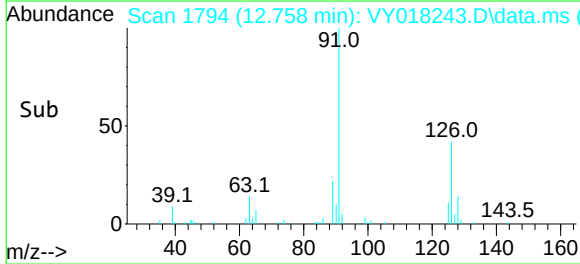
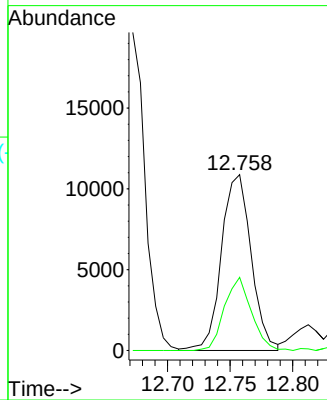
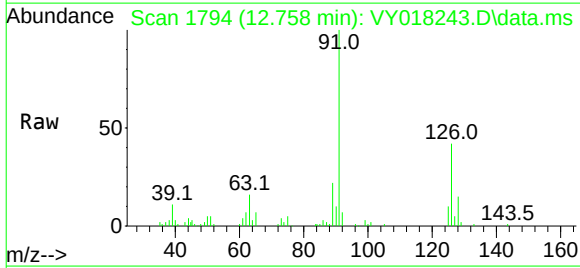
126 37.8 17.8 53.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/14/2024

Supervised By :Semsettin Yesilyurt 05/14/2024



#80

1,3,5-Trimethylbenzene

Concen: 2.924 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY018243.D

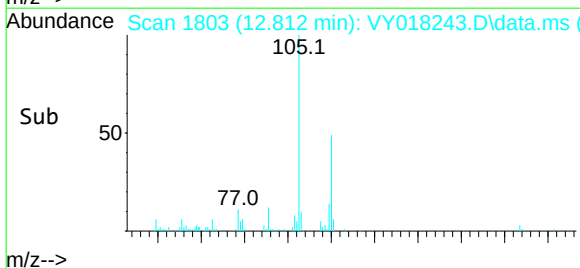
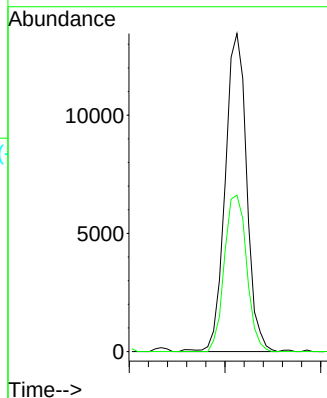
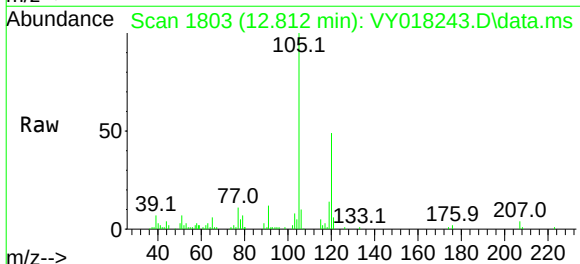
Acq: 13 May 2024 15:48

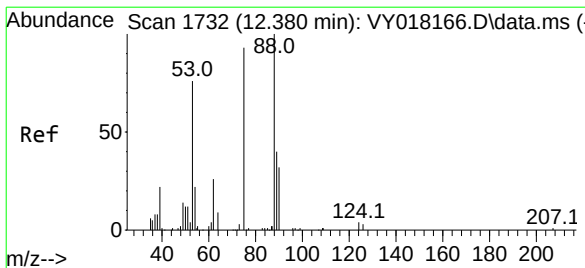
Tgt Ion:105 Resp: 20949

Ion Ratio Lower Upper

105 100

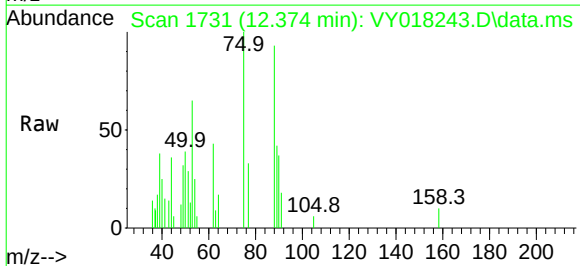
120 50.9 25.1 75.2





#81
trans-1,4-Dichloro-2-butene
Concen: 3.081 ug/l m
RT: 12.374 min Scan# 1731
Delta R.T. -0.006 min
Lab File: VY018243.D
Acq: 13 May 2024 15:48

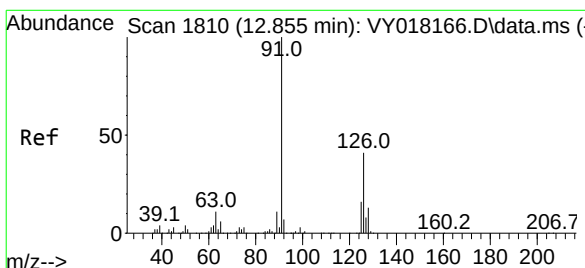
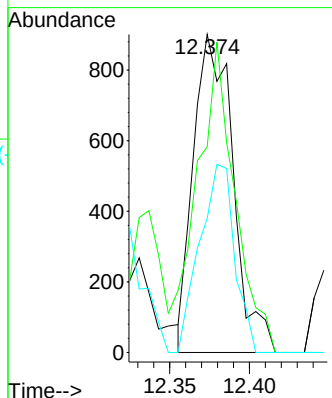
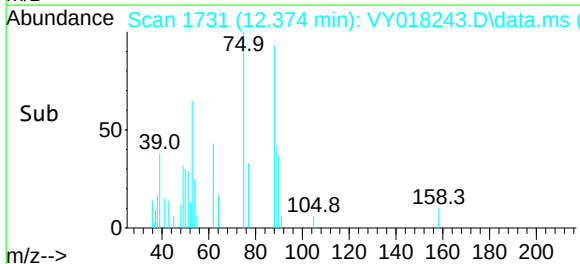
Instrument : MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2024



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.8	100.2#
89	12.8	35.8	53.6#

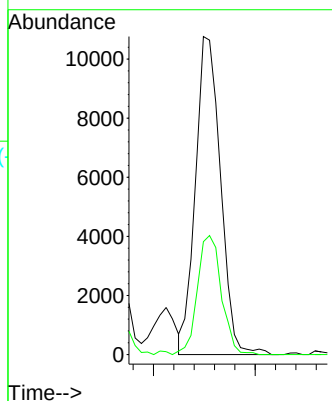
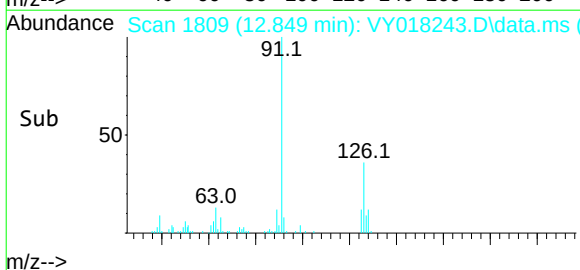
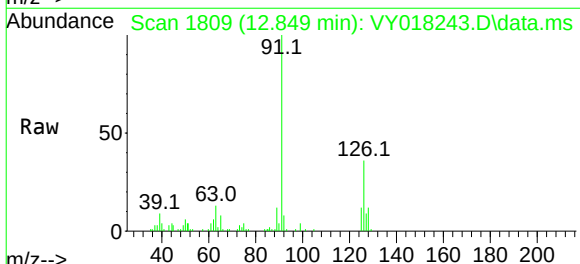
Manual Integrations
APPROVED

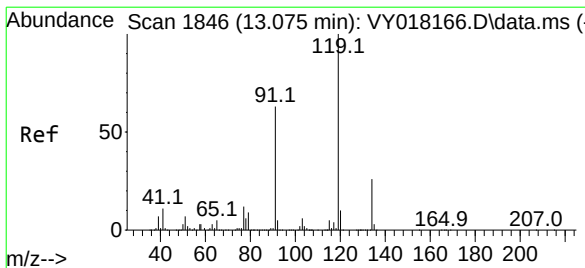
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#82
4-Chlorotoluene
Concen: 3.127 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY018243.D
Acq: 13 May 2024 15:48

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.9	17.6	52.9





#83

tert-Butylbenzene

Concen: 3.025 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY018243.D

Acq: 13 May 2024 15:48

Instrument :

MSVOA_Y

ClientSampleId :

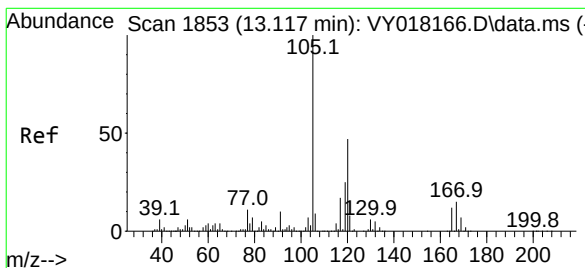
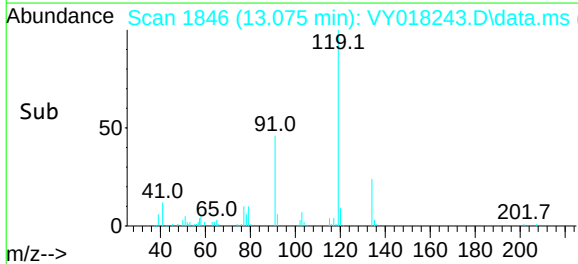
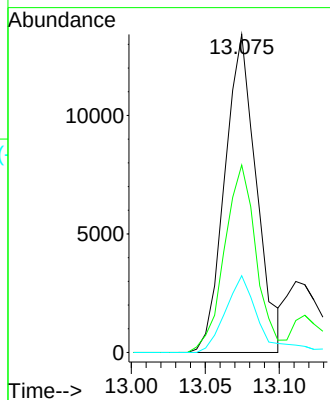
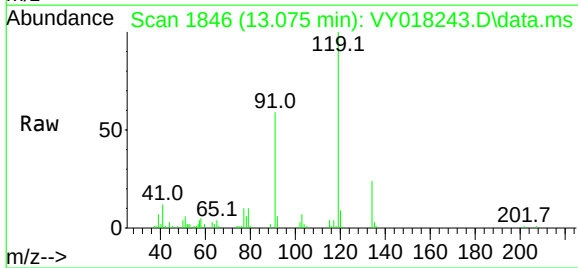
LOQ-SOIL-02-QT2-2024

Tgt Ion:	119	Resp:	19990
Ion Ratio	Lower	Upper	
119	100		
91	58.8	31.3	93.8
134	25.3	13.4	40.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#84

1,2,4-Trimethylbenzene

Concen: 2.908 ug/l

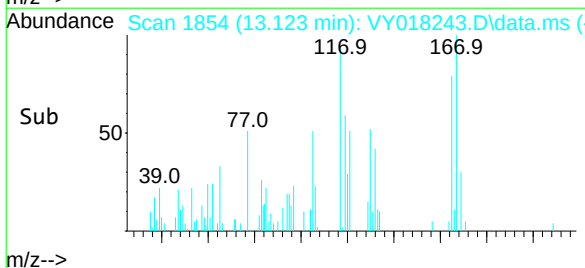
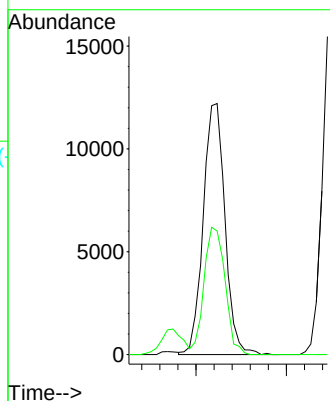
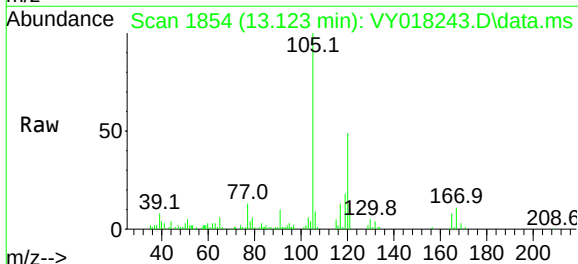
RT: 13.123 min Scan# 1854

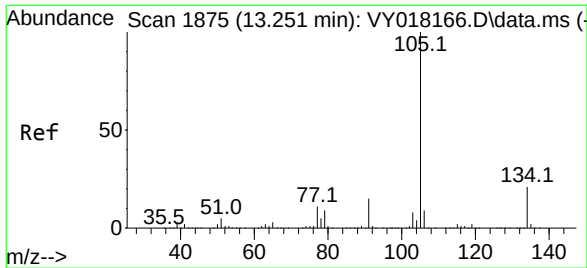
Delta R.T. 0.006 min

Lab File: VY018243.D

Acq: 13 May 2024 15:48

Tgt Ion:	105	Resp:	20405
Ion Ratio	Lower	Upper	
105	100		
120	49.0	23.2	69.6





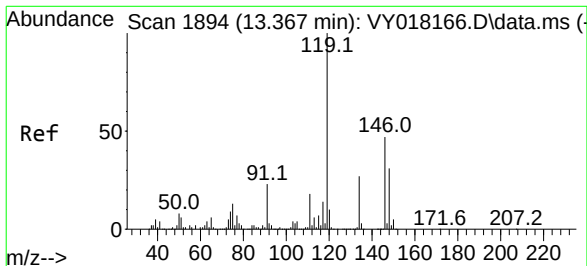
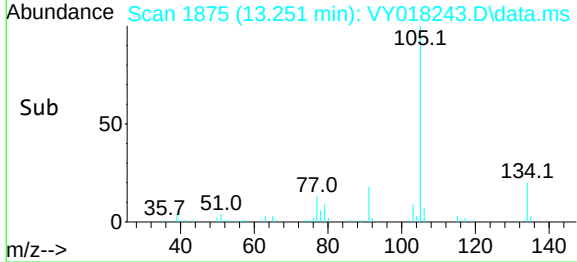
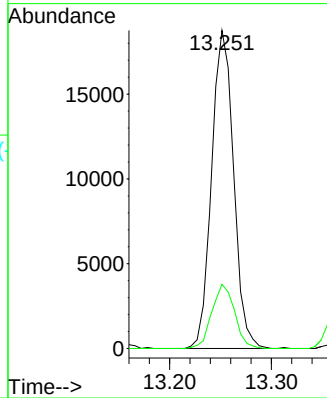
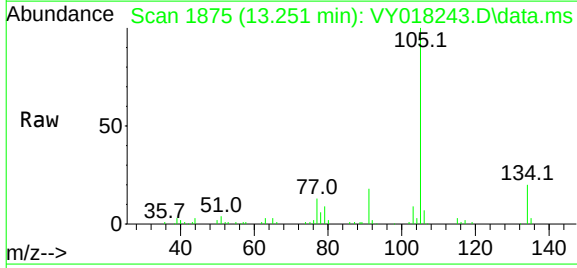
#85
sec-Butylbenzene
Concen: 2.906 ug/l
RT: 13.251 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VY018243.D
Acq: 13 May 2024 15:48

Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT2-2024

Tgt Ion:105 Resp: 28164
Ion Ratio Lower Upper
105 100
134 20.9 10.1 30.1

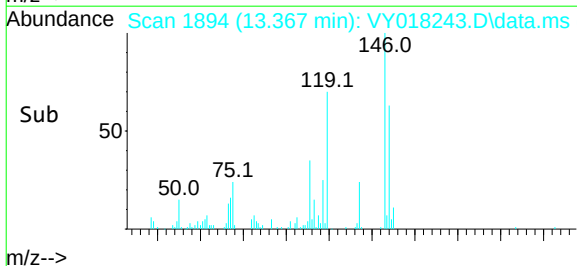
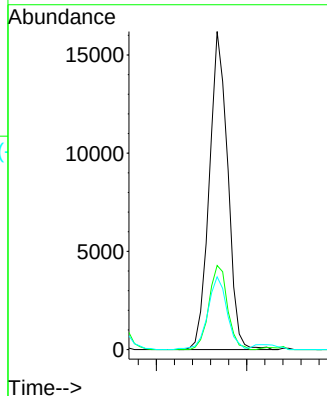
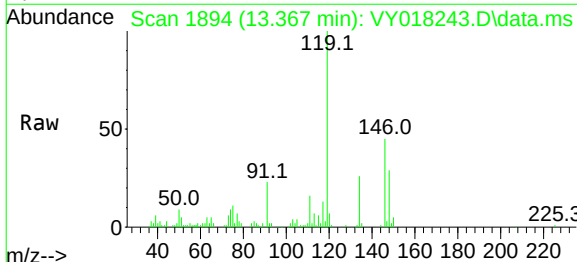
Manual Integrations
APPROVED

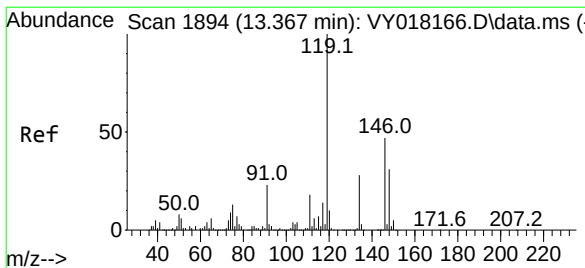
Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#86
p-Isopropyltoluene
Concen: 2.871 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY018243.D
Acq: 13 May 2024 15:48

Tgt Ion:119 Resp: 22891
Ion Ratio Lower Upper
119 100
134 26.6 13.1 39.3
91 23.9 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 3.150 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY018243.D

Acq: 13 May 2024 15:48

Instrument :

MSVOA_Y

ClientSampleId :

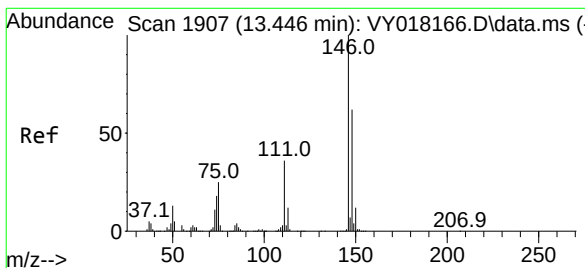
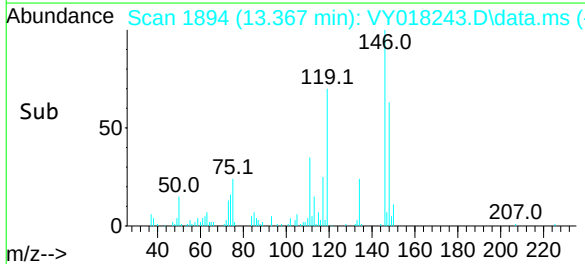
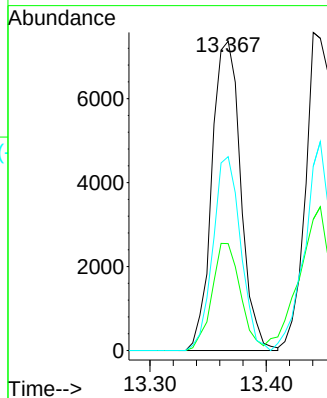
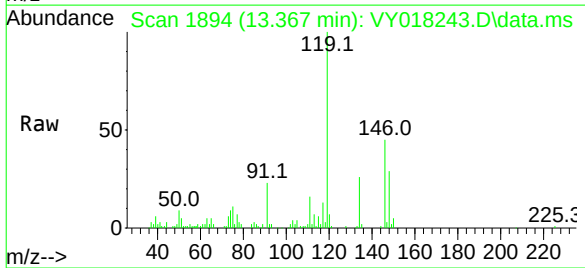
LOQ-SOIL-02-QT2-2024

Tgt	Ion:146	Resp:	12698
Ion	Ratio	Lower	Upper
146	100		
111	34.3	19.0	57.0
148	60.2	31.7	95.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#88

1,4-Dichlorobenzene

Concen: 3.197 ug/l

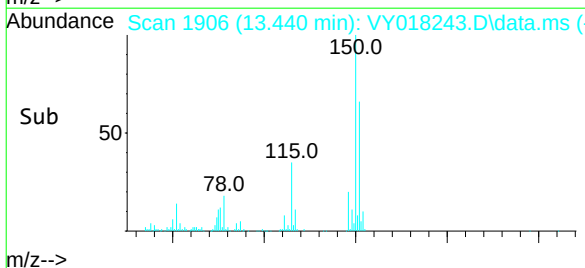
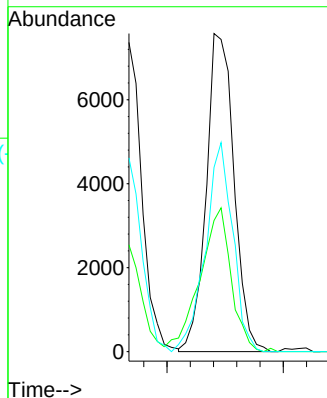
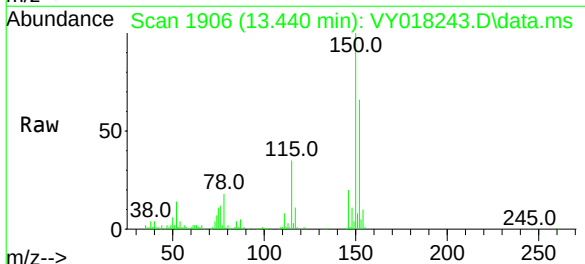
RT: 13.440 min Scan# 1906

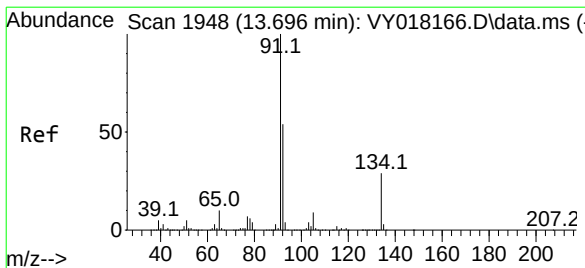
Delta R.T. -0.006 min

Lab File: VY018243.D

Acq: 13 May 2024 15:48

Tgt	Ion:146	Resp:	12561
Ion	Ratio	Lower	Upper
146	100		
111	50.8	18.4	55.4
148	64.8	32.4	97.2





#89

n-Butylbenzene

Concen: 2.968 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY018243.D

Acq: 13 May 2024 15:48

Instrument :

MSVOA_Y

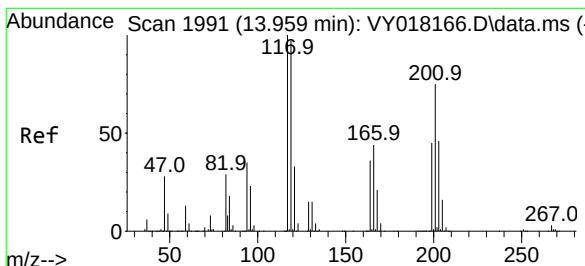
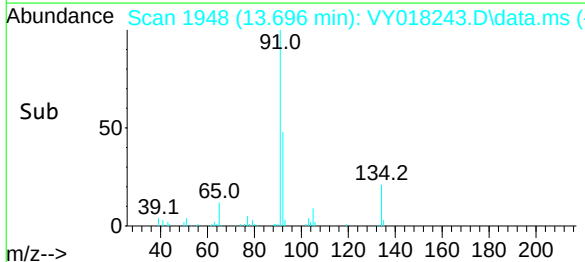
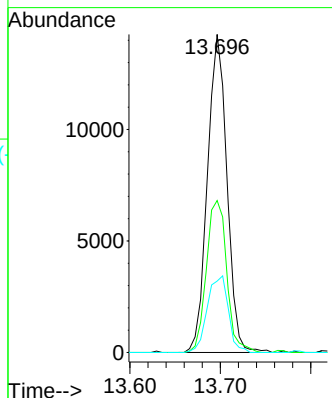
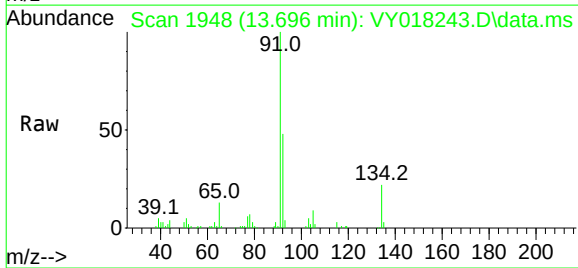
ClientSampleId :

LOQ-SOIL-02-QT2-2024

Tgt	Ion:	91	Resp:	21419
Ion	Ratio	Lower	Upper	
91	100			
92	49.9	26.6	79.7	
134	25.9	12.9	38.7	

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#90

Hexachloroethane

Concen: 3.135 ug/l

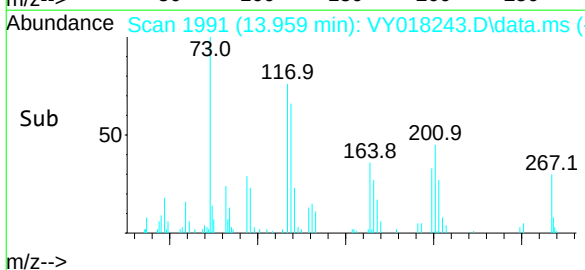
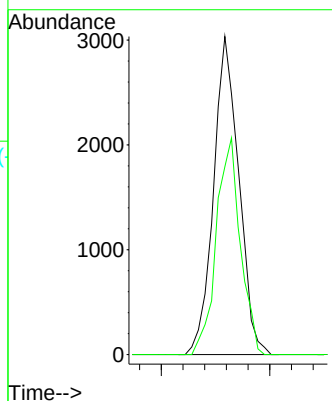
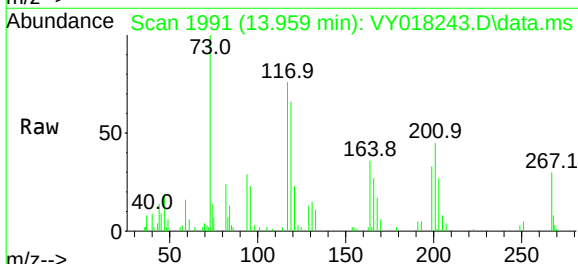
RT: 13.959 min Scan# 1991

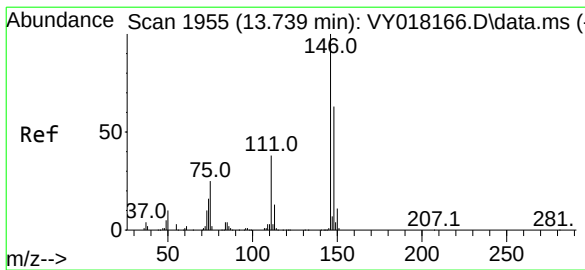
Delta R.T. 0.000 min

Lab File: VY018243.D

Acq: 13 May 2024 15:48

Tgt	Ion:	117	Resp:	4904
Ion	Ratio	Lower	Upper	
117	100			
201	64.7	37.4	112.2	





#91

1,2-Dichlorobenzene

Concen: 2.969 ug/l

RT: 13.739 min Scan# 19

Delta R.T. 0.000 min

Lab File: VY018243.D

Acq: 13 May 2024 15:48

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT2-2024

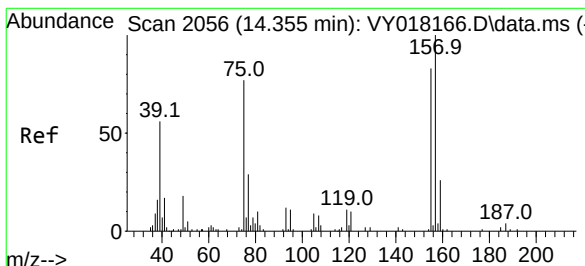
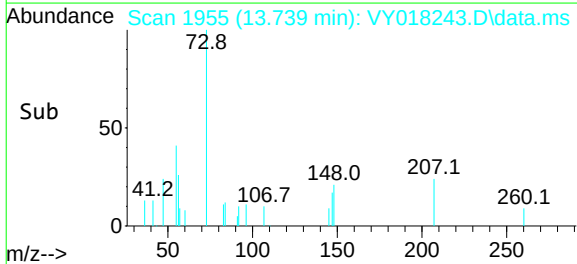
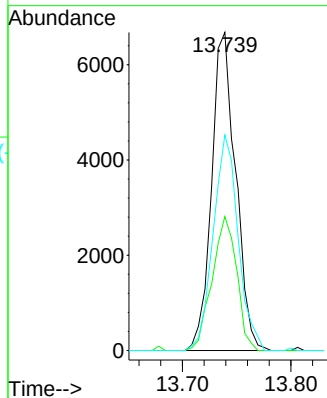
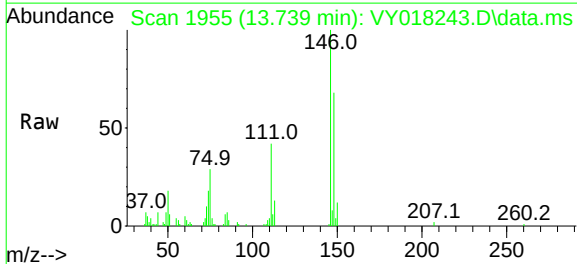
Tgt	Ion:	146	Resp:	10284
Ion	Ratio	Lower	Upper	
146	100			
111	42.9	19.9	59.7	
148	70.3	31.8	95.4	

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/14/2024

Supervised By :Semsettin Yesilyurt 05/14/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 3.704 ug/l

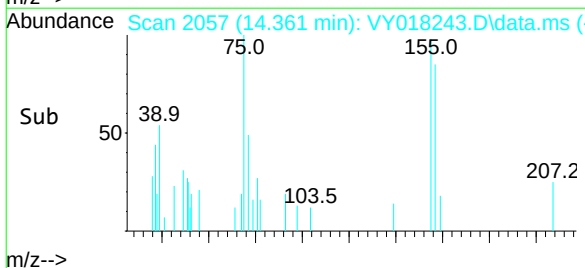
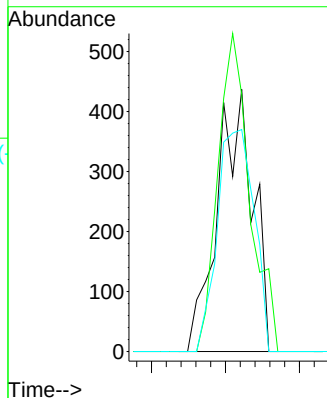
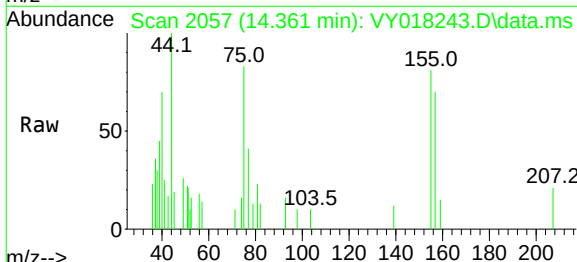
RT: 14.361 min Scan# 2057

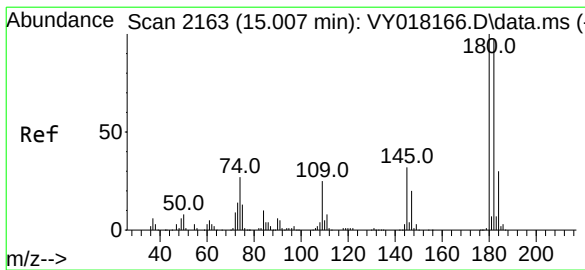
Delta R.T. 0.006 min

Lab File: VY018243.D

Acq: 13 May 2024 15:48

Tgt	Ion:	75	Resp:	731
Ion	Ratio	Lower	Upper	
75	100			
155	108.2	48.6	145.8	
157	87.6	62.7	188.2	





#93

1,2,4-Trichlorobenzene

Concen: 2.583 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY018243.D

Acq: 13 May 2024 15:48

Instrument :

MSVOA_Y

ClientSampleId :

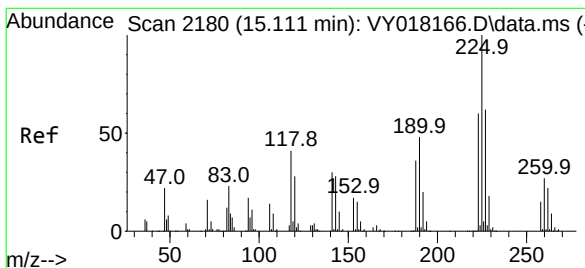
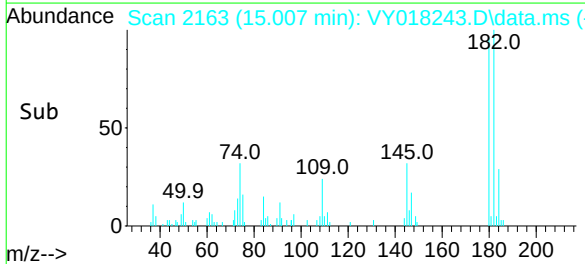
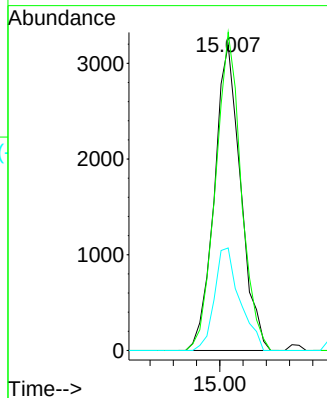
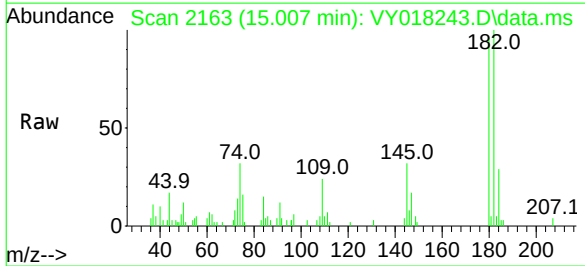
LOQ-SOIL-02-QT2-2024

Tgt Ion:	180	Resp:	5030
Ion Ratio	Lower	Upper	
180	100		
182	101.1	47.9	143.8
145	32.2	14.2	42.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#94

Hexachlorobutadiene

Concen: 2.886 ug/l

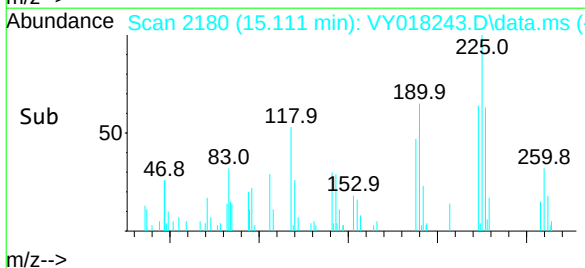
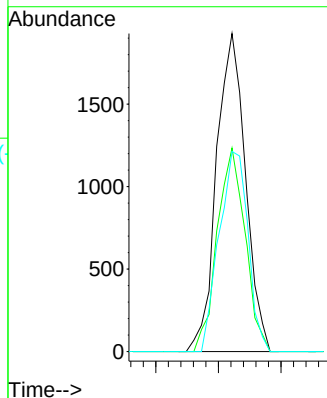
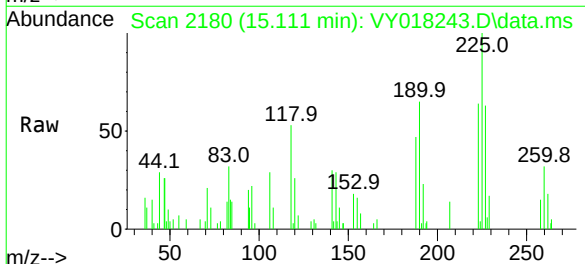
RT: 15.111 min Scan# 2180

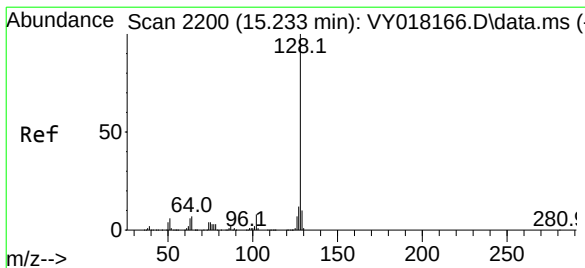
Delta R.T. 0.000 min

Lab File: VY018243.D

Acq: 13 May 2024 15:48

Tgt Ion:	225	Resp:	3101
Ion Ratio	Lower	Upper	
225	100		
223	61.7	30.4	91.2
227	62.5	31.9	95.9





#95

Naphthalene

Concen: 2.710 ug/l

RT: 15.239 min Scan# 2200

Delta R.T. 0.006 min

Lab File: VY018243.D

Acq: 13 May 2024 15:48

Instrument :

MSVOA_Y

ClientSampleId :

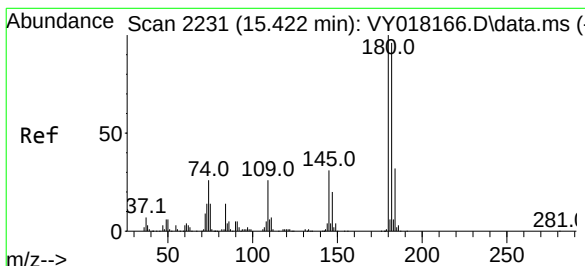
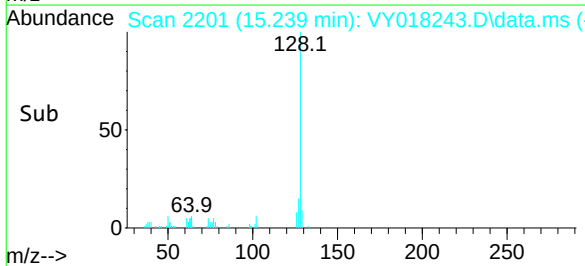
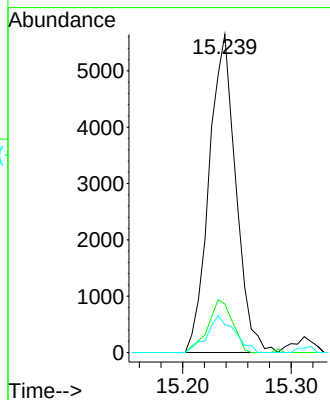
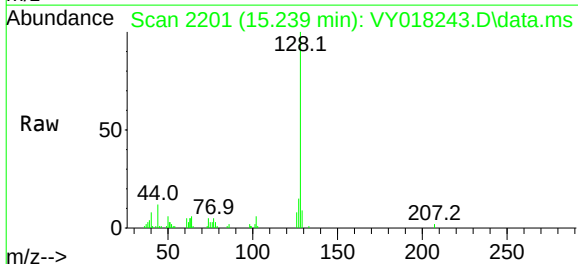
LOQ-SOIL-02-QT2-2024

Tgt Ion:	128	Resp:	9670
Ion Ratio	Lower	Upper	
128	100		
127	15.3	10.6	16.0
129	11.8	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/14/2024
Supervised By :Semsettin Yesilyurt 05/14/2024



#96

1,2,3-Trichlorobenzene

Concen: 2.982 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY018243.D

Acq: 13 May 2024 15:48

Tgt Ion:	180	Resp:	4766
Ion Ratio	Lower	Upper	
180	100		
182	97.5	47.6	142.9
145	32.8	15.4	46.1

