

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091024\
 Data File : VY019480.D
 Acq On : 10 Sep 2024 11:10
 Operator : SY/MD
 Sample : P3390-01 2.5 PPB
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2024

Quant Time: Sep 11 06:36:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 06:35:41 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2024
 Supervised By :Mahesh Dadoda 09/11/2024

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	539434	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	945819	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	786565	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	350842	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	286359	57.329	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.660%			
35) Dibromofluoromethane	7.634	113	289596	54.003	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.000%			
50) Toluene-d8	10.109	98	1069291	53.909	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 107.820%			
62) 4-Bromofluorobenzene	12.408	95	372196	48.801	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 97.600%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	8822	2.587	ug/l	97
3) Chloromethane	2.074	50	10170	2.279	ug/l	97
4) Vinyl Chloride	2.208	62	11401	2.362	ug/l	96
5) Bromomethane	2.604	94	8851	2.986	ug/l	91
6) Chloroethane	2.739	64	8582	2.720	ug/l	98
7) Trichlorofluoromethane	3.062	101	20373	2.532	ug/l	90
8) Diethyl Ether	3.458	74	7512	2.782	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.818	101	13177	2.648	ug/l	93
10) Methyl Iodide	4.007	142	14963	2.345	ug/l	92
11) Tert butyl alcohol	4.848	59	6829	16.929	ug/l #	85
12) 1,1-Dichloroethene	3.787	96	11783	2.462	ug/l	83
13) Acrolein	3.653	56	8332	38.519	ug/l	96
14) Allyl chloride	4.385	41	22407	2.611	ug/l #	90
15) Acrylonitrile	5.061	53	17859	15.338	ug/l #	89
16) Acetone	3.873	43	15758	13.242	ug/l #	85
17) Carbon Disulfide	4.104	76	17398	1.345	ug/l #	94
18) Methyl Acetate	4.391	43	12595	3.900	ug/l	94
19) Methyl tert-butyl Ether	5.116	73	40530	2.990	ug/l	95
20) Methylene Chloride	4.616	84	23642	4.356	ug/l #	88
21) trans-1,2-Dichloroethene	5.116	96	11912	2.271	ug/l	94
22) Diisopropyl ether	6.012	45	53380	3.029	ug/l #	86
23) Vinyl Acetate	5.958	43	173285	17.213	ug/l	94
24) 1,1-Dichloroethane	5.915	63	28023	2.833	ug/l	97
25) 2-Butanone	6.896	43	22366	13.215	ug/l #	85
26) 2,2-Dichloropropane	6.878	77	26847	3.009	ug/l	100
27) cis-1,2-Dichloroethene	6.890	96	18051	2.833	ug/l	89
28) Bromochloromethane	7.244	49	10908	2.621	ug/l	84
29) Tetrahydrofuran	7.268	42	14844	14.425	ug/l	90
30) Chloroform	7.421	83	31428	3.113	ug/l	90
31) Cyclohexane	7.701	56	28139	3.148	ug/l #	63
32) 1,1,1-Trichloroethane	7.616	97	26093	2.883	ug/l	98
36) 1,1-Dichloropropene	7.835	75	18991	2.603	ug/l	95
37) Ethyl Acetate	6.982	43	10517	2.813	ug/l #	90
38) Carbon Tetrachloride	7.817	117	21729	2.641	ug/l	96
39) Methylcyclohexane	9.109	83	20762	2.138	ug/l	91
40) Benzene	8.079	78	56774	2.526	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	6305	2.893	ug/l #	83
42) 1,2-Dichloroethane	8.158	62	17393	2.876	ug/l	99
43) Isopropyl Acetate	8.195	43	21952	2.795	ug/l #	91
44) Trichloroethene	8.866	130	16028	2.773	ug/l	98
45) 1,2-Dichloropropane	9.146	63	15662	2.850	ug/l	93
46) Dibromomethane	9.237	93	8507	2.831	ug/l	95
47) Bromodichloromethane	9.426	83	24038	2.976	ug/l	96
48) Methyl methacrylate	9.219	41	9608	2.590	ug/l	90
49) 1,4-Dioxane	9.237	88	1762	49.813	ug/l #	81
51) 4-Methyl-2-Pentanone	10.000	43	55625	14.076	ug/l	91
52) Toluene	10.176	92	39017	2.699	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	21250	2.760	ug/l	95
54) cis-1,3-Dichloropropene	9.859	75	24649	2.749	ug/l #	87
55) 1,1,2-Trichloroethane	10.573	97	12561	3.027	ug/l #	93
56) Ethyl methacrylate	10.438	69	17088	2.711	ug/l #	82
57) 1,3-Dichloropropane	10.719	76	20647	2.895	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	39781	13.598	ug/l	96
59) 2-Hexanone	10.762	43	38451	13.272	ug/l	91
60) Dibromochloromethane	10.914	129	16075	2.929	ug/l	98
61) 1,2-Dibromoethane	11.018	107	10331	2.672	ug/l	95
64) Tetrachloroethene	10.646	164	14015	2.877	ug/l	94
65) Chlorobenzene	11.444	112	45256	2.925	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	15708	2.932	ug/l	98
67) Ethyl Benzene	11.518	91	80920	2.943	ug/l	99
68) m/p-Xylenes	11.627	106	61610	5.927	ug/l	95
69) o-Xylene	11.956	106	29999	2.951	ug/l	92
70) Styrene	11.975	104	48598	2.831	ug/l	96
71) Bromoform	12.133	173	9104	2.975	ug/l #	97
73) Isopropylbenzene	12.255	105	80305	3.155	ug/l	99
74) N-amyl acetate	12.072	43	20607	2.977	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.511	83	14095	3.120	ug/l	96
76) 1,2,3-Trichloropropane	12.554	75	9006m	2.739	ug/l	
77) Bromobenzene	12.536	156	17186	3.044	ug/l	89
78) n-propylbenzene	12.597	91	96429	3.196	ug/l	99
79) 2-Chlorotoluene	12.682	91	56758	3.228	ug/l	95
80) 1,3,5-Trimethylbenzene	12.737	105	66814	3.229	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.304	75	4879m	2.848	ug/l	
82) 4-Chlorotoluene	12.780	91	59135	3.272	ug/l	94
83) tert-Butylbenzene	12.999	119	60764	3.244	ug/l	94
84) 1,2,4-Trimethylbenzene	13.042	105	67059	3.274	ug/l	93
85) sec-Butylbenzene	13.176	105	89434	3.286	ug/l	99
86) p-Isopropyltoluene	13.292	119	72539	3.258	ug/l	96
87) 1,3-Dichlorobenzene	13.292	146	34548	3.150	ug/l	96
88) 1,4-Dichlorobenzene	13.371	146	36100m	3.316	ug/l	
89) n-Butylbenzene	13.621	91	69293	3.256	ug/l	99
90) Hexachloroethane	13.883	117	15646	3.377	ug/l	92
91) 1,2-Dichlorobenzene	13.664	146	31620	3.230	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	2440	3.241	ug/l	74
93) 1,2,4-Trichlorobenzene	14.925	180	17838	2.996	ug/l	96
94) Hexachlorobutadiene	15.023	225	10265	3.228	ug/l	99
95) Naphthalene	15.145	128	34277	2.875	ug/l	98
96) 1,2,3-Trichlorobenzene	15.328	180	16379	3.216	ug/l	96

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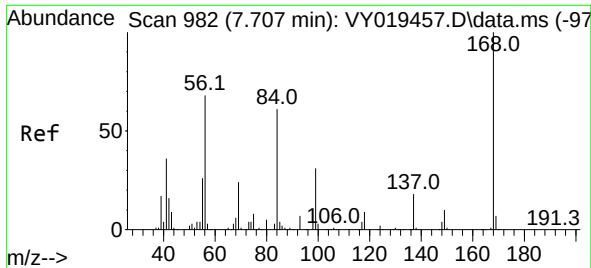
Manual Integrations
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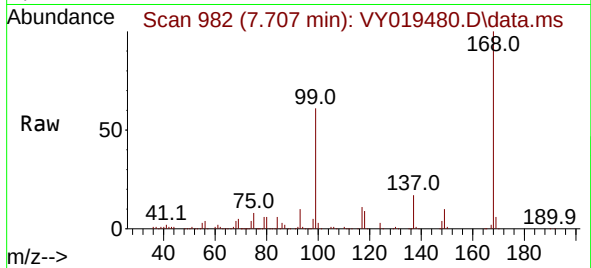
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
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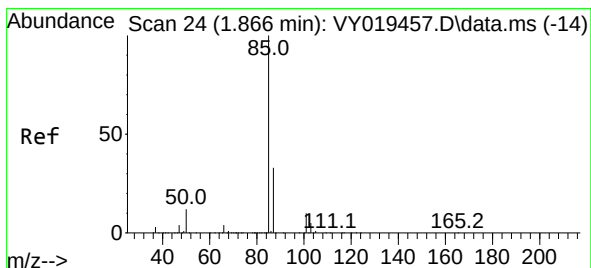
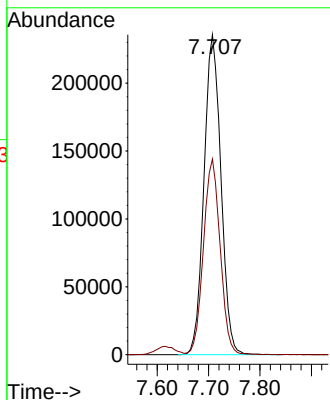
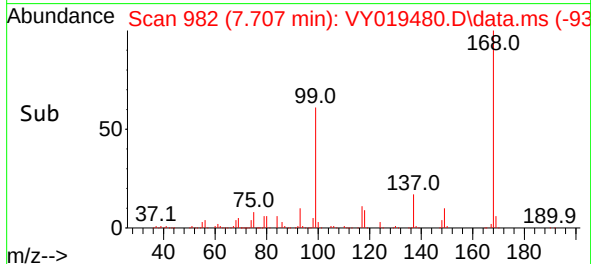
Instrument :
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ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion:168 Resp: 539434
Ion Ratio Lower Upper
168 100
99 61.1 39.1 58.7

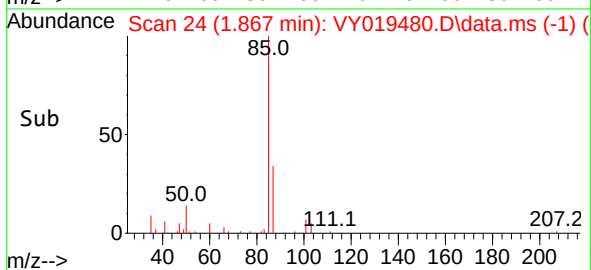
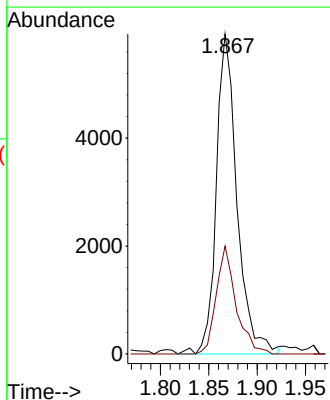
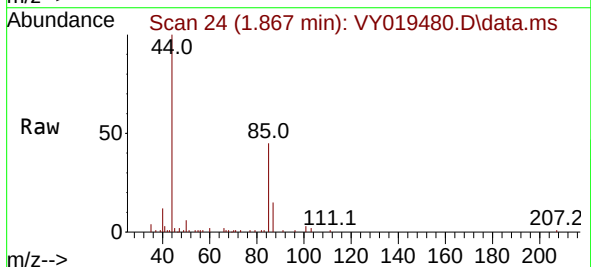
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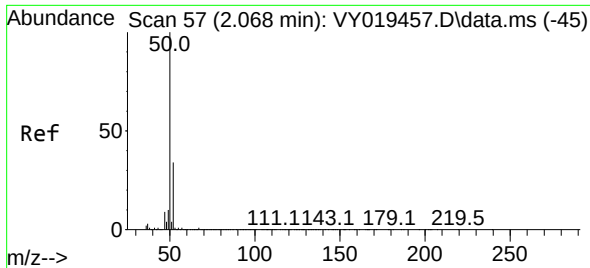
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#2
Dichlorodifluoromethane
Concen: 2.587 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY019480.D
Acq: 10 Sep 2024 11:10

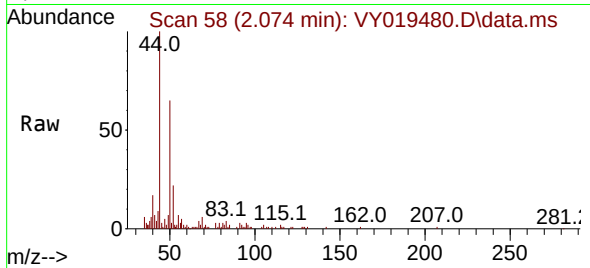
Tgt Ion: 85 Resp: 8822
Ion Ratio Lower Upper
85 100
87 33.7 16.0 48.0





#3
Chloromethane
Concen: 2.279 ug/l
RT: 2.074 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY019480.D
Acq: 10 Sep 2024 11:10

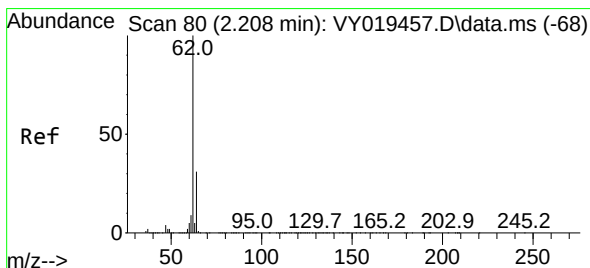
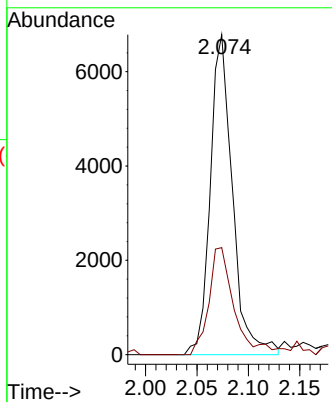
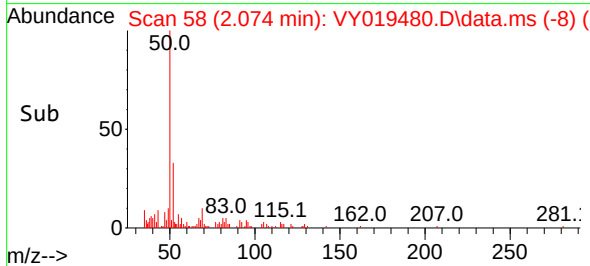
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Tgt Ion: 50 Resp: 10170
Ion Ratio Lower Upper
50 100
52 33.4 25.6 38.4

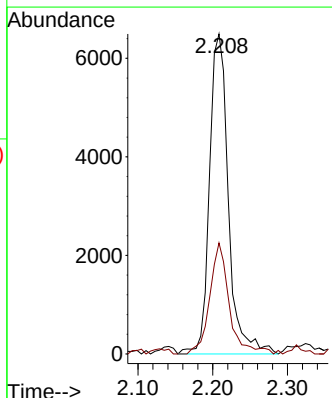
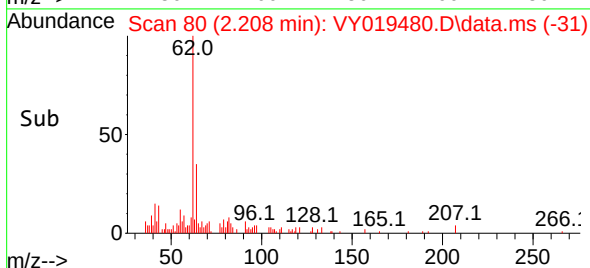
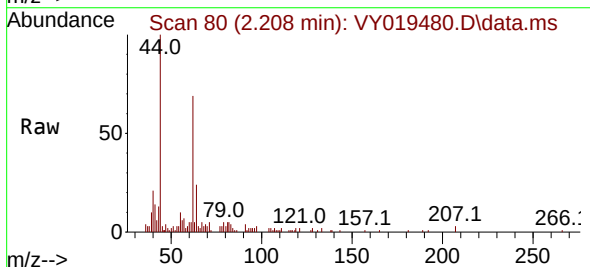
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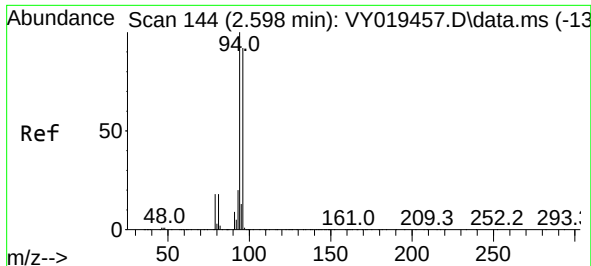
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#4
Vinyl Chloride
Concen: 2.362 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY019480.D
Acq: 10 Sep 2024 11:10

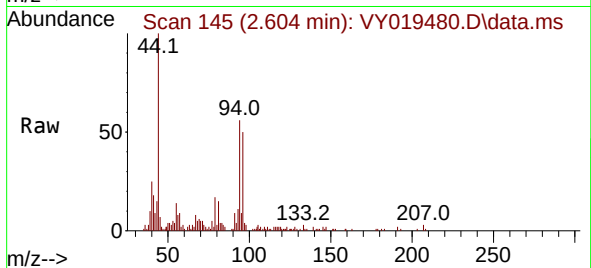
Tgt Ion: 62 Resp: 11401
Ion Ratio Lower Upper
62 100
64 34.7 26.1 39.1





#5
Bromomethane
Concen: 2.986 ug/l
RT: 2.604 min Scan# 144
Delta R.T. 0.006 min
Lab File: VY019480.D
Acq: 10 Sep 2024 11:10

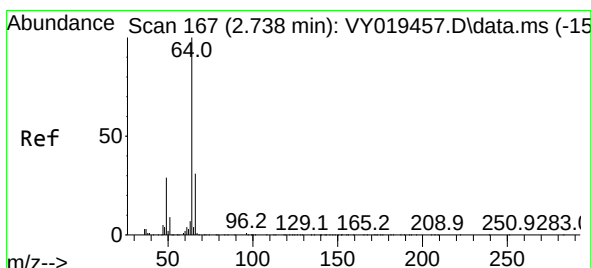
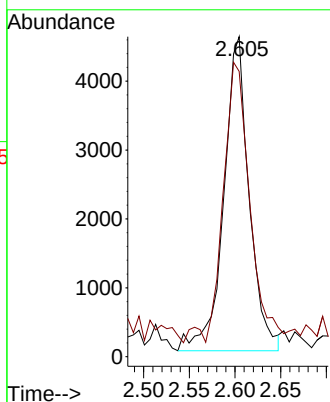
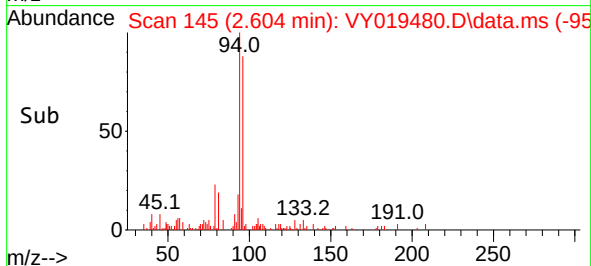
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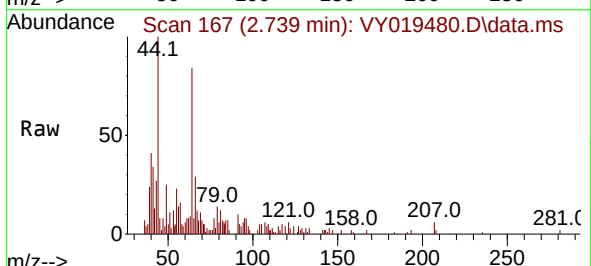
Tgt Ion: 94 Resp: 885
Ion Ratio Lower Upper
94 100
96 84.0 74.1 111.1

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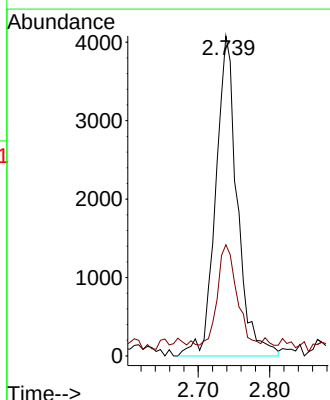
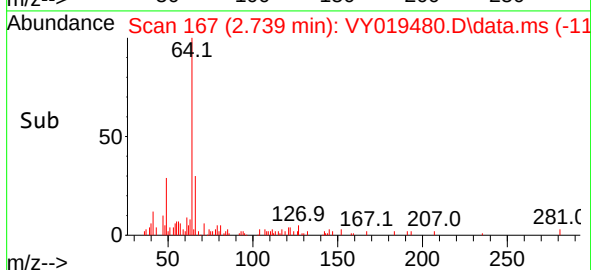
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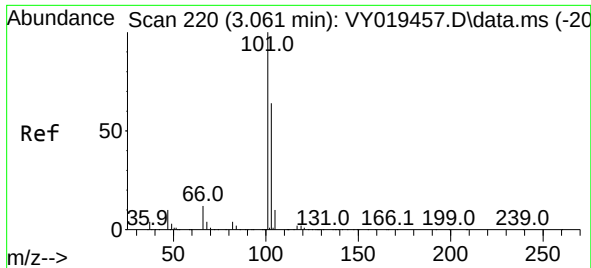


#6
Chloroethane
Concen: 2.720 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
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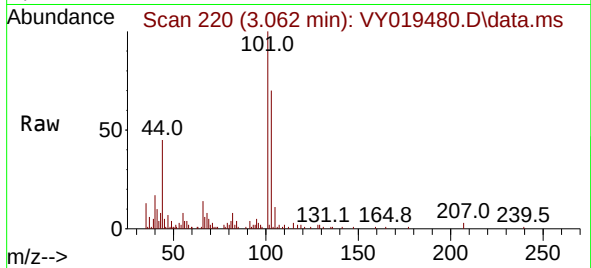
Tgt Ion: 64 Resp: 8582
Ion Ratio Lower Upper
64 100
66 31.4 26.1 39.1





#7
 Trichlorofluoromethane
 Concen: 2.532 ug/l
 RT: 3.062 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY019480.D
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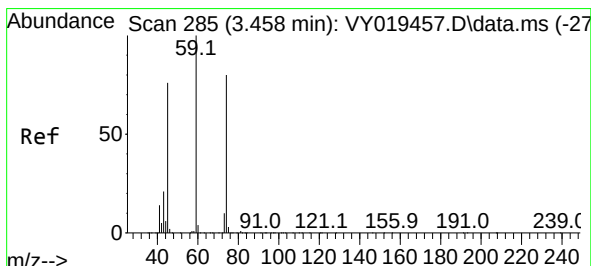
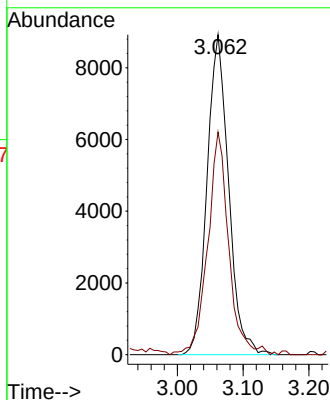
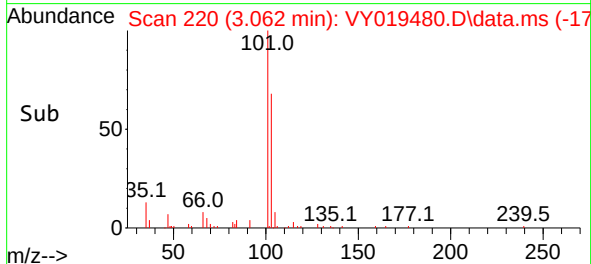
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Tgt Ion:101 Resp: 2037
 Ion Ratio Lower Upper
 101 100
 103 69.6 49.3 73.9

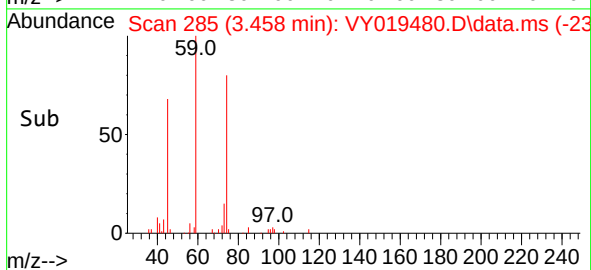
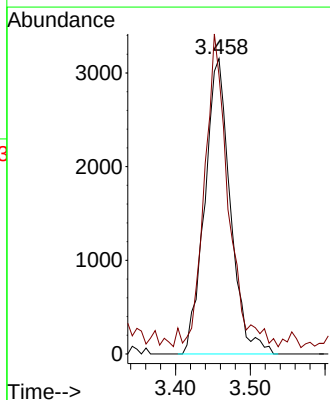
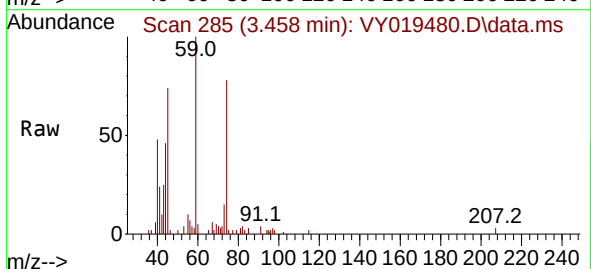
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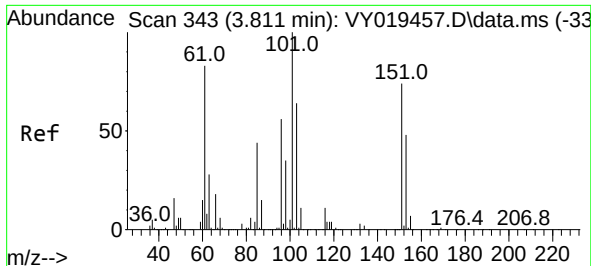
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#8
 Diethyl Ether
 Concen: 2.782 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.000 min
 Lab File: VY019480.D
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Tgt Ion: 74 Resp: 7512
 Ion Ratio Lower Upper
 74 100
 45 97.3 41.3 124.1





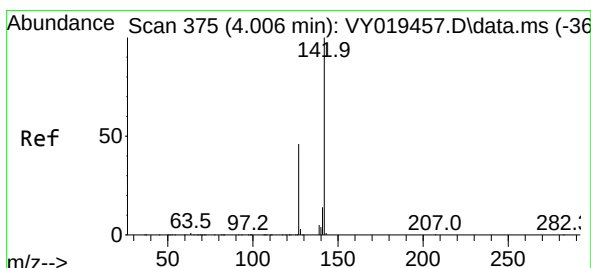
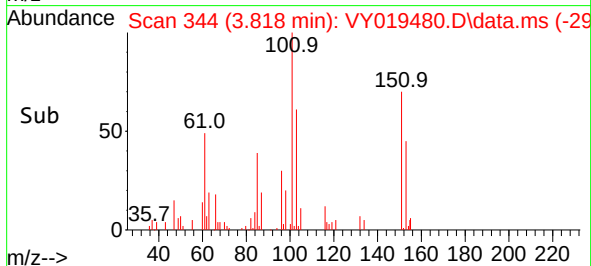
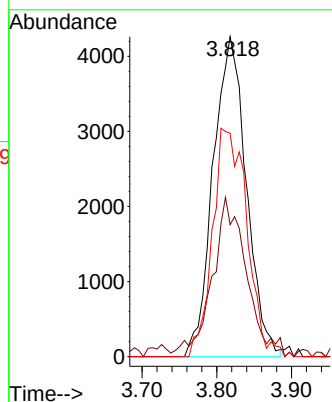
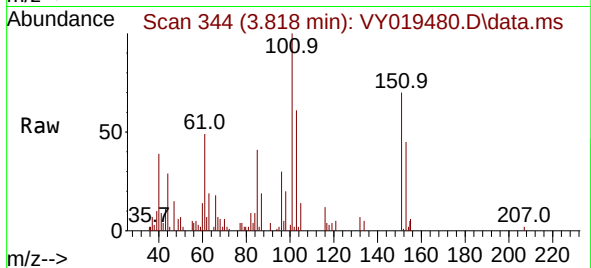
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.648 ug/l
RT: 3.818 min Scan# 343
Delta R.T. 0.006 min
Lab File: VY019480.D
Acq: 10 Sep 2024 11:10

Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

Tgt Ion:101 Resp: 1317
Ion Ratio Lower Upper
101 100
85 51.3 34.5 51.7
151 73.8 61.7 92.5

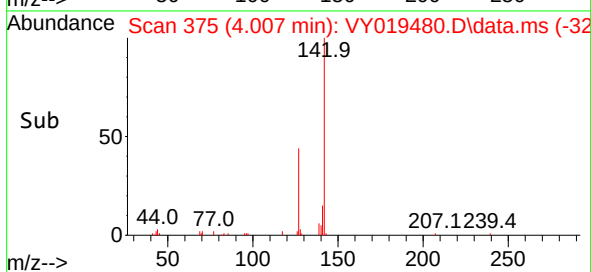
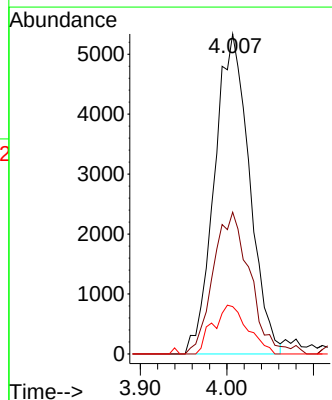
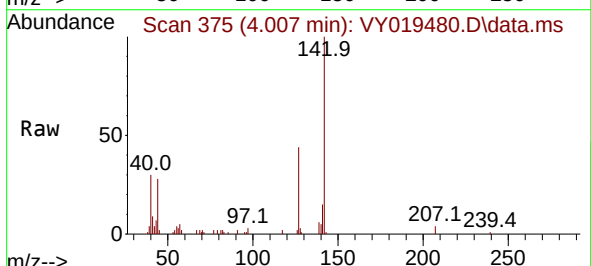
Manual Integrations
APPROVED

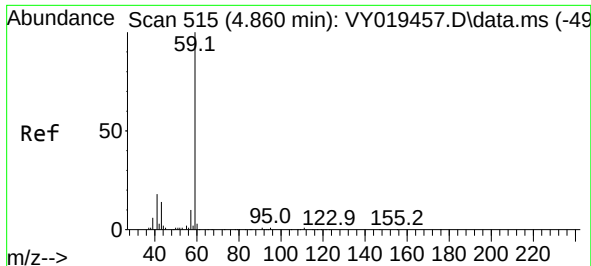
Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#10
Methyl Iodide
Concen: 2.345 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY019480.D
Acq: 10 Sep 2024 11:10

Tgt Ion:142 Resp: 14963
Ion Ratio Lower Upper
142 100
127 46.9 32.8 49.2
141 15.1 11.4 17.2





#11

Tert butyl alcohol

Concen: 16.929 ug/l

RT: 4.848 min Scan# 515

Delta R.T. -0.012 min

Lab File: VY019480.D

Acq: 10 Sep 2024 11:10

Instrument :

MSVOA_Y

ClientSampleId :

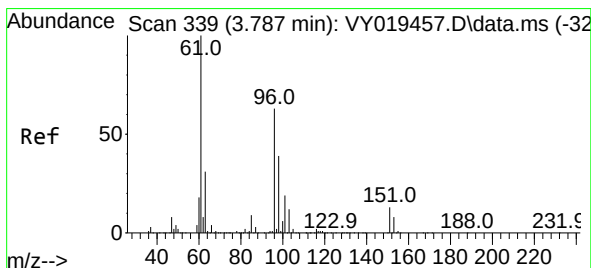
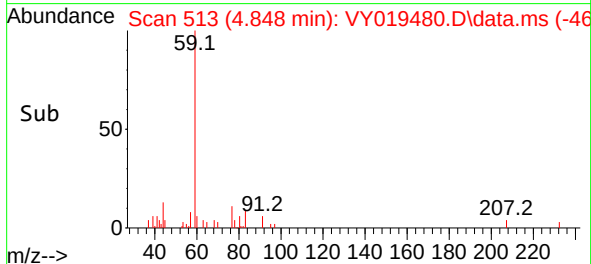
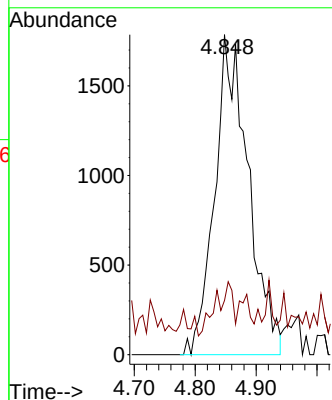
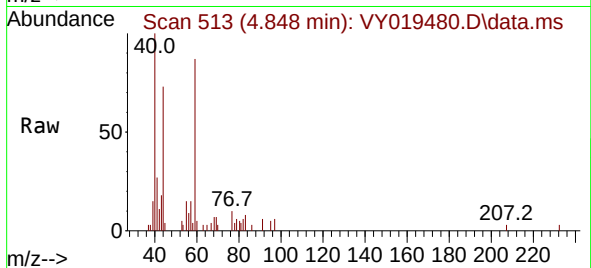
LOD-MDL-SOIL-01-QT3-2024

Tgt Ion: 59 Resp: 6829
 Ion Ratio Lower Upper
 59 100
 57 8.6 3.0 4.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/11/2024
 Supervised By :Mahesh Dadoda 09/11/2024



#12

1,1-Dichloroethene

Concen: 2.462 ug/l

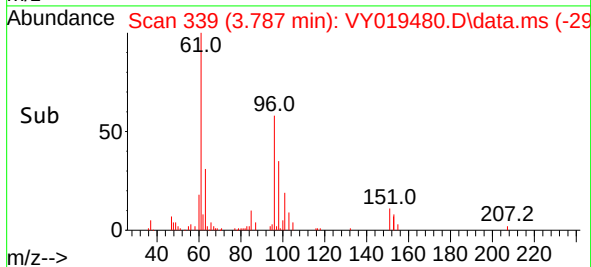
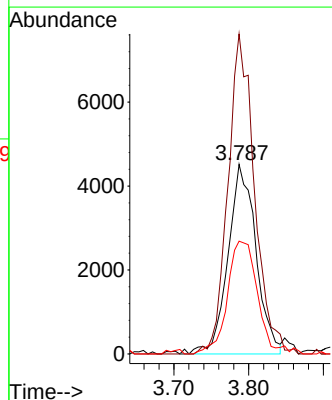
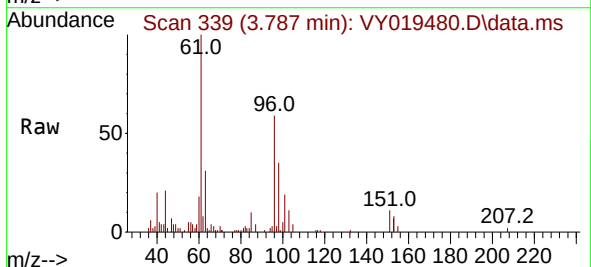
RT: 3.787 min Scan# 339

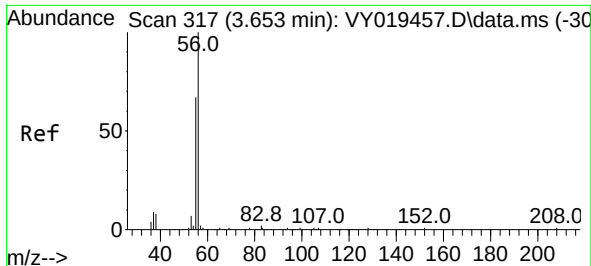
Delta R.T. 0.000 min

Lab File: VY019480.D

Acq: 10 Sep 2024 11:10

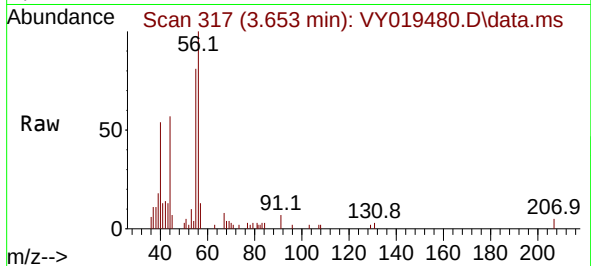
Tgt Ion: 96 Resp: 11783
 Ion Ratio Lower Upper
 96 100
 61 168.8 114.6 171.8
 98 57.2 50.8 76.2





#13
Acrolein
Concen: 38.519 ug/l
RT: 3.653 min Scan# 317
Delta R.T. 0.000 min
Lab File: VY019480.D
Acq: 10 Sep 2024 11:10

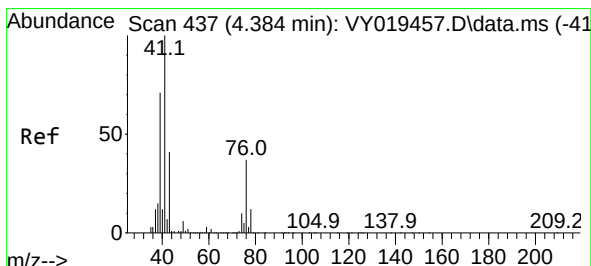
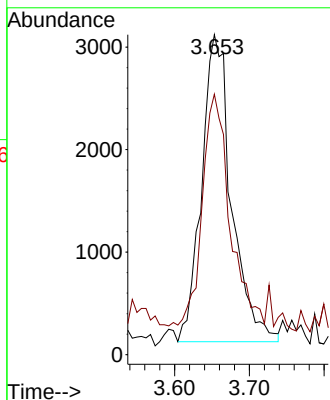
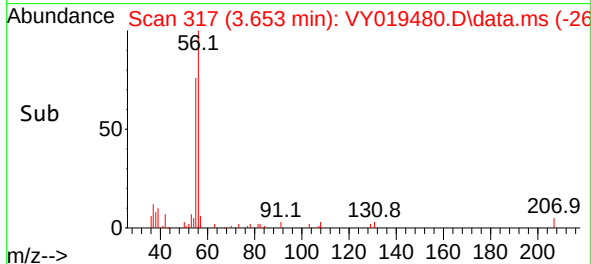
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2024



Tgt Ion: 56 Resp: 833
Ion Ratio Lower Upper
56 100
55 72.9 55.7 83.5

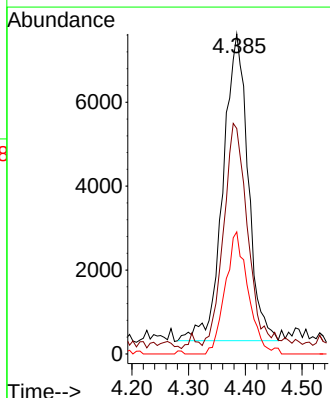
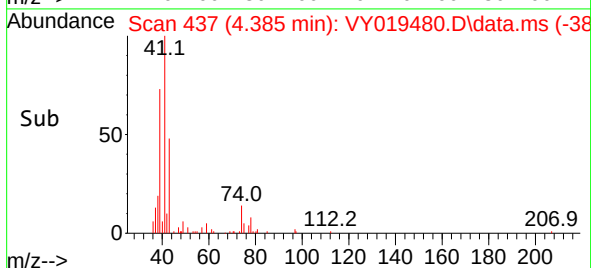
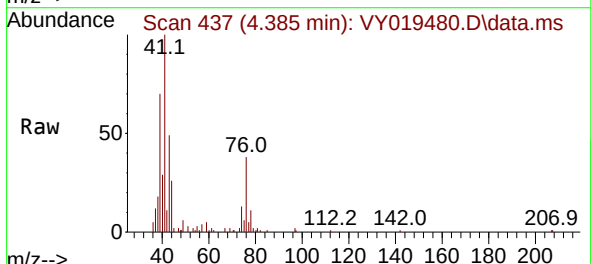
Manual Integrations
APPROVED

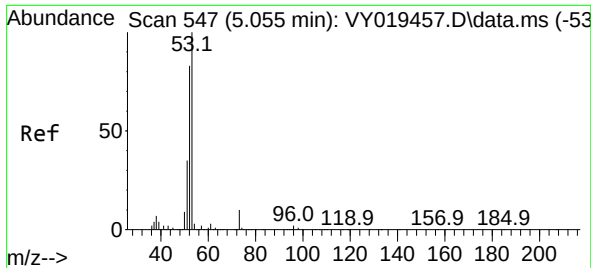
Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#14
Allyl chloride
Concen: 2.611 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY019480.D
Acq: 10 Sep 2024 11:10

Tgt Ion: 41 Resp: 22407
Ion Ratio Lower Upper
41 100
39 69.2 58.3 87.5
76 36.5 39.0 58.6





#15

Acrylonitrile

Concen: 15.338 ug/l

RT: 5.061 min Scan# 54

Delta R.T. 0.006 min

Lab File: VY019480.D

Acq: 10 Sep 2024 11:10

Instrument :

MSVOA_Y

ClientSampleId :

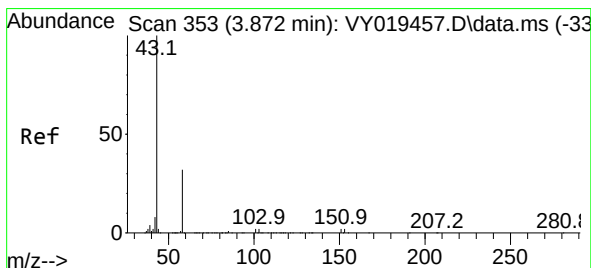
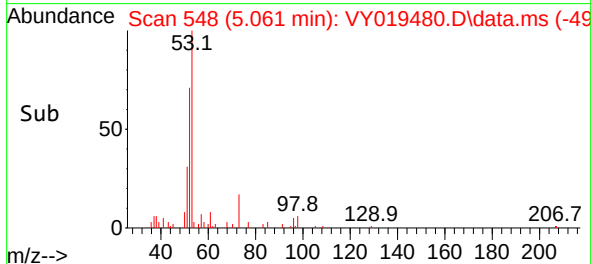
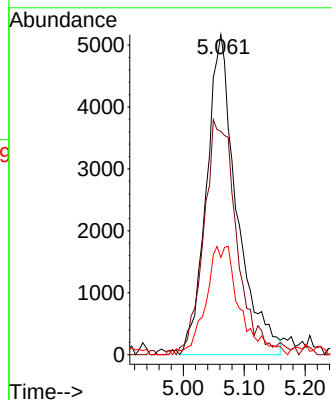
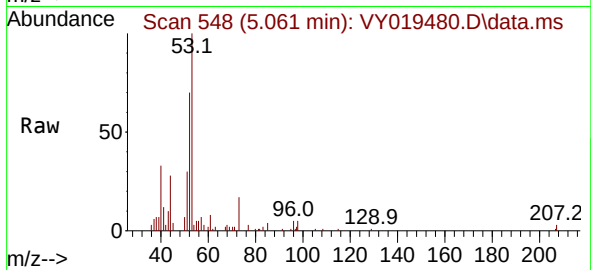
LOD-MDL-SOIL-01-QT3-2024

Tgt Ion:	53	Resp:	1785
Ion	Ratio	Lower	Upper
53	100		
52	78.8	64.7	97.1
51	18.4	28.4	42.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#16

Acetone

Concen: 13.242 ug/l

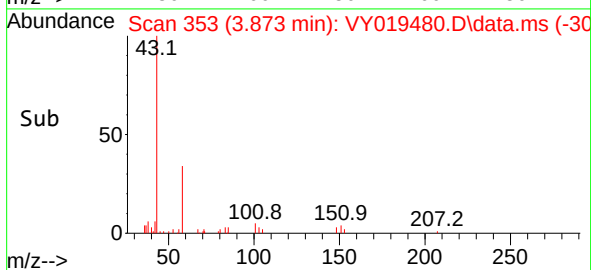
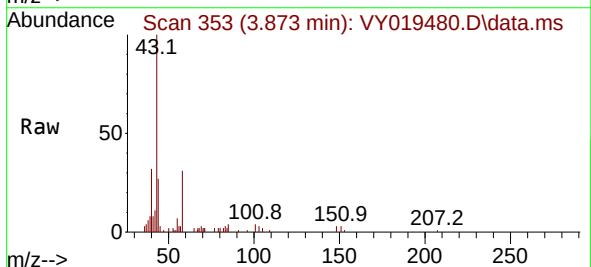
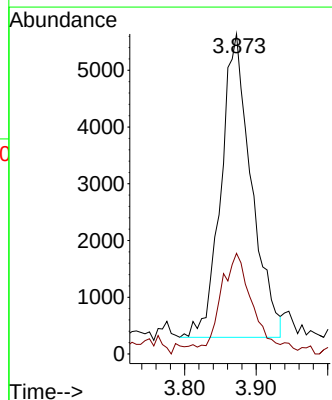
RT: 3.873 min Scan# 353

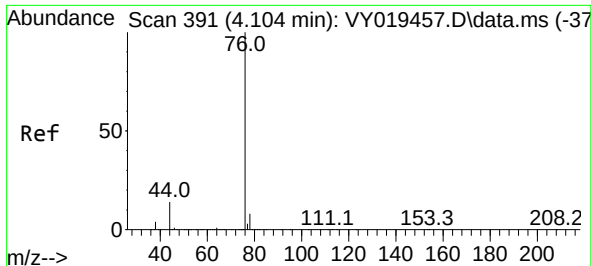
Delta R.T. 0.000 min

Lab File: VY019480.D

Acq: 10 Sep 2024 11:10

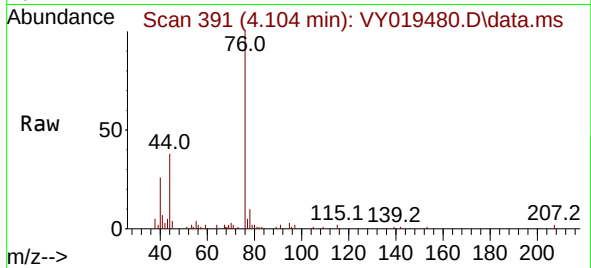
Tgt Ion:	43	Resp:	15758
Ion	Ratio	Lower	Upper
43	100		
58	30.6	31.7	47.5





#17
Carbon Disulfide
Concen: 1.345 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY019480.D
Acq: 10 Sep 2024 11:10

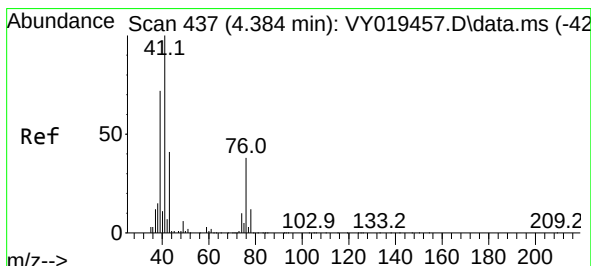
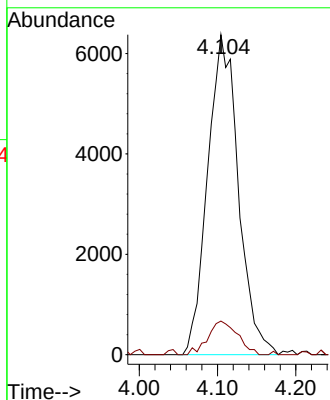
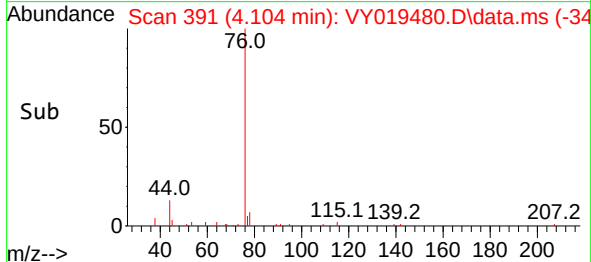
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion: 76 Resp: 17398
Ion Ratio Lower Upper
76 100
78 10.5 6.8 10.2

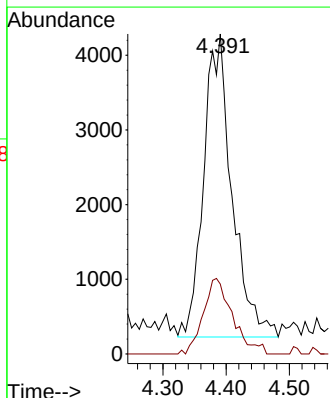
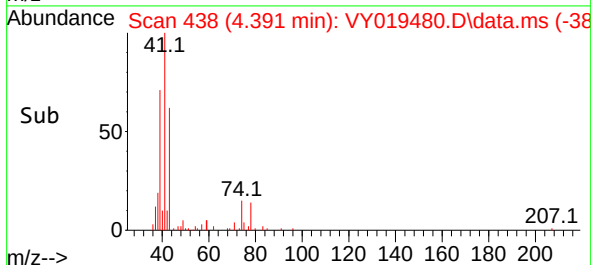
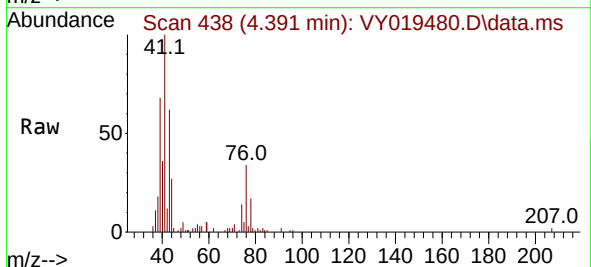
Manual Integrations
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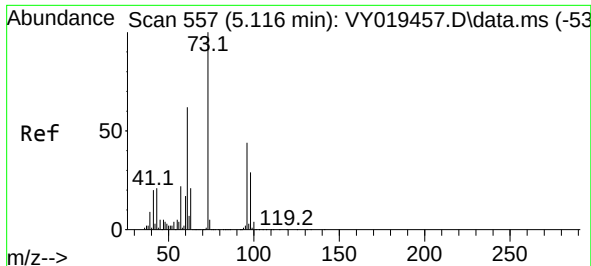
Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#18
Methyl Acetate
Concen: 3.900 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY019480.D
Acq: 10 Sep 2024 11:10

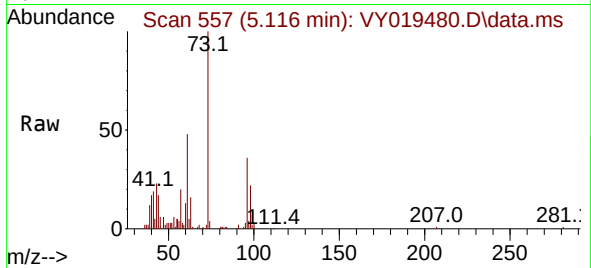
Tgt Ion: 43 Resp: 12595
Ion Ratio Lower Upper
43 100
74 25.7 23.3 34.9





#19
Methyl tert-butyl Ether
Concen: 2.990 ug/l
RT: 5.116 min Scan# 557
Delta R.T. 0.000 min
Lab File: VY019480.D
Acq: 10 Sep 2024 11:10

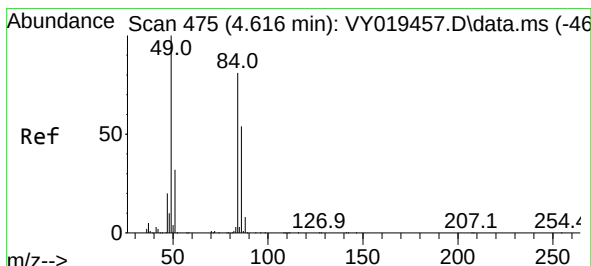
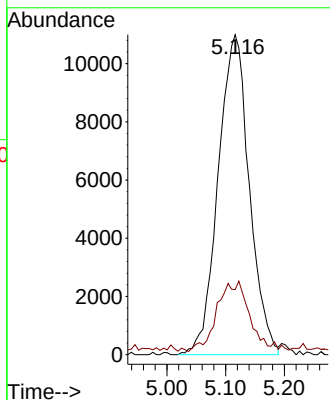
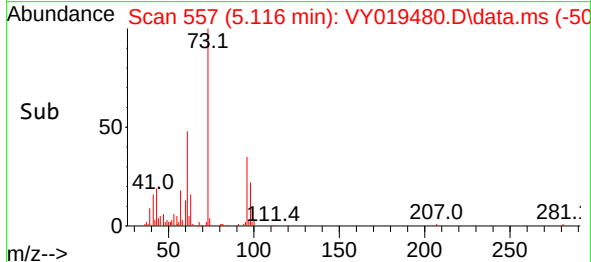
Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



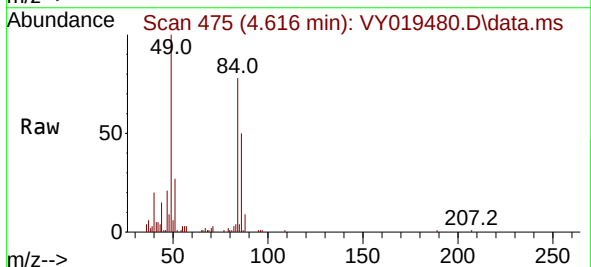
Tgt Ion: 73 Resp: 40530
Ion Ratio Lower Upper
73 100
57 19.3 17.3 25.9

Manual Integrations
APPROVED

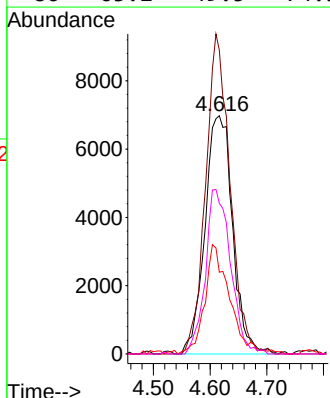
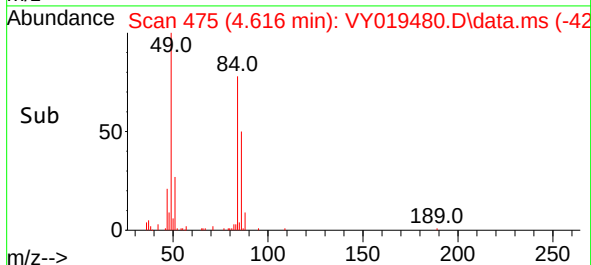
Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024

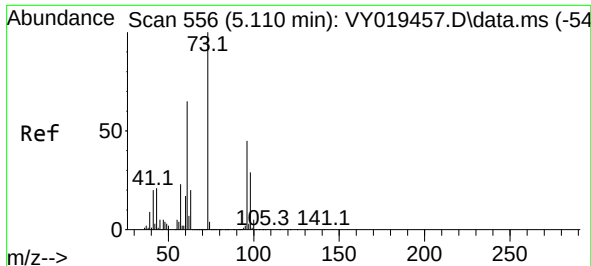


#20
Methylene Chloride
Concen: 4.356 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY019480.D
Acq: 10 Sep 2024 11:10



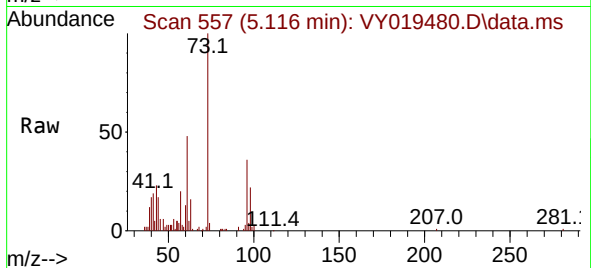
Tgt Ion: 84 Resp: 23642
Ion Ratio Lower Upper
84 100
49 127.6 84.4 126.6#
51 34.3 26.0 39.0
86 63.2 49.5 74.3





#21
trans-1,2-Dichloroethene
Concen: 2.271 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY019480.D
Acq: 10 Sep 2024 11:10

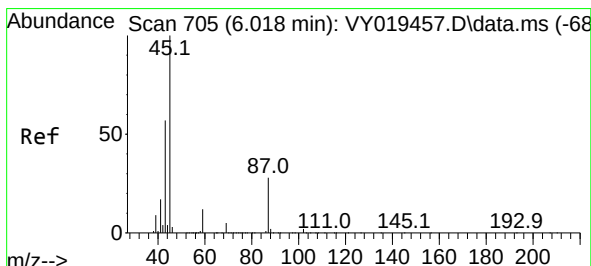
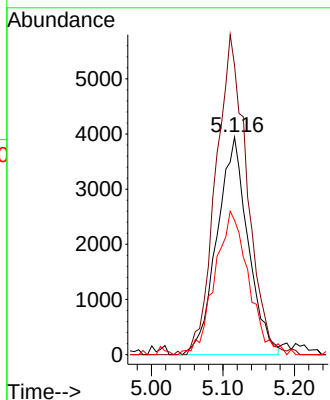
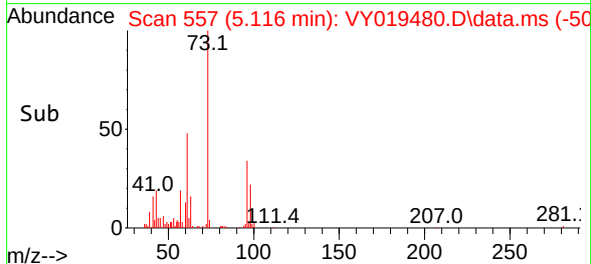
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion: 96 Resp: 1191
Ion Ratio Lower Upper
96 100
61 131.3 97.5 146.3
98 61.7 50.5 75.7

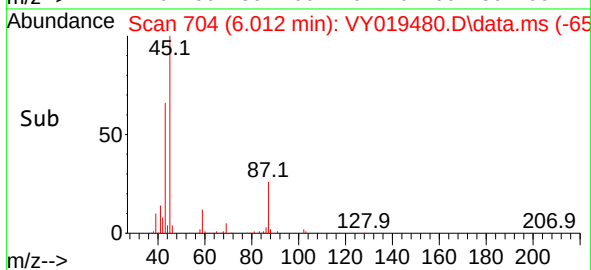
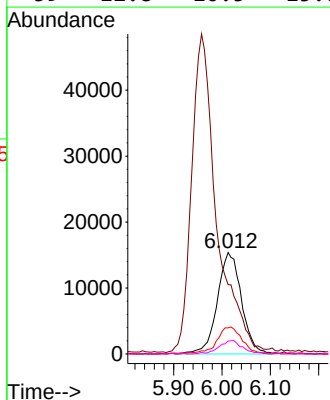
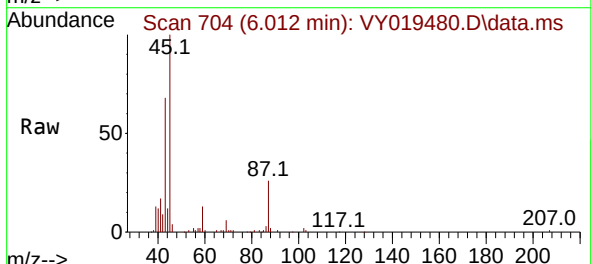
Manual Integrations
APPROVED

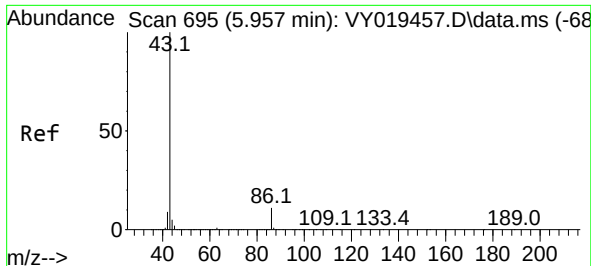
Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#22
Diisopropyl ether
Concen: 3.029 ug/l
RT: 6.012 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY019480.D
Acq: 10 Sep 2024 11:10

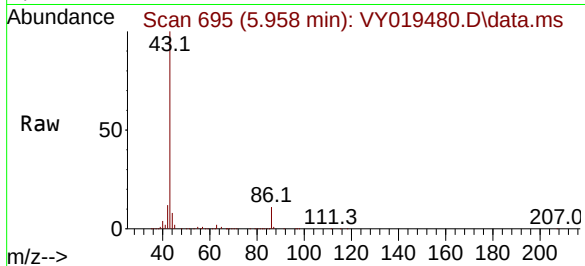
Tgt Ion: 45 Resp: 53380
Ion Ratio Lower Upper
45 100
43 65.4 42.2 63.2#
87 25.1 25.0 37.6
59 12.8 10.5 15.7





#23
 Vinyl Acetate
 Concen: 17.213 ug/l
 RT: 5.958 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY019480.D
 Acq: 10 Sep 2024 11:10

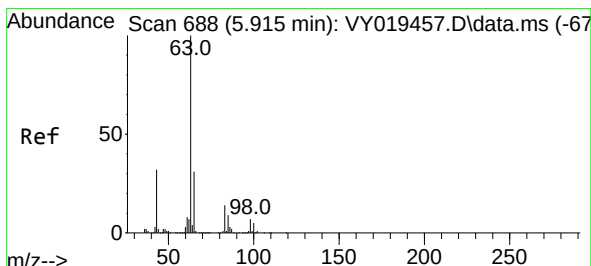
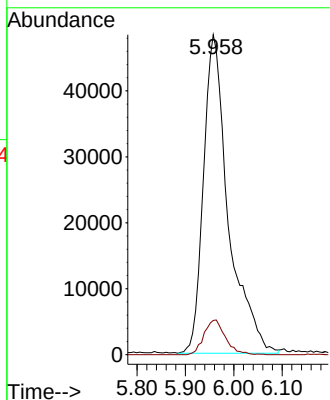
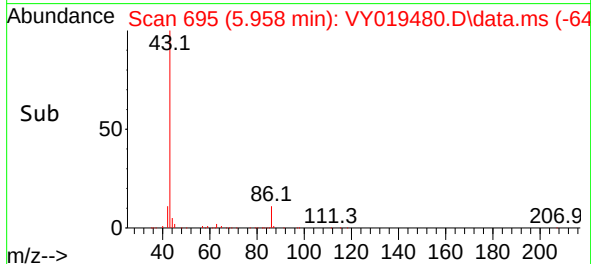
Instrument : MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2024



Tgt Ion: 43 Resp: 173285
 Ion Ratio Lower Upper
 43 100
 86 10.8 10.6 16.0

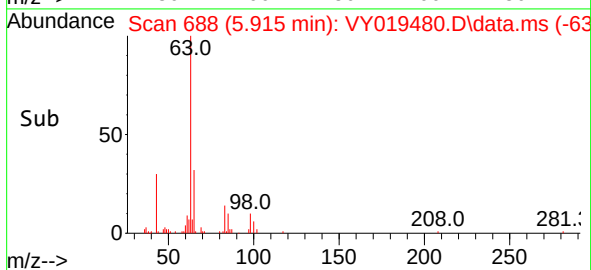
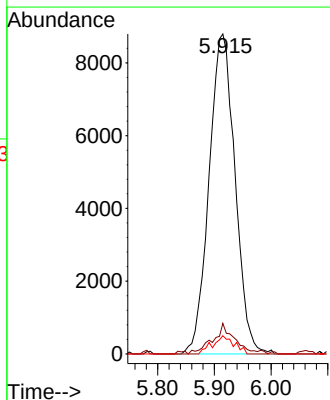
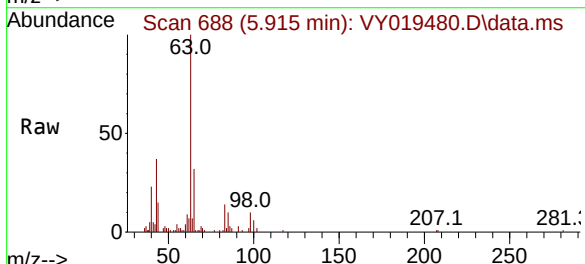
Manual Integrations
 APPROVED

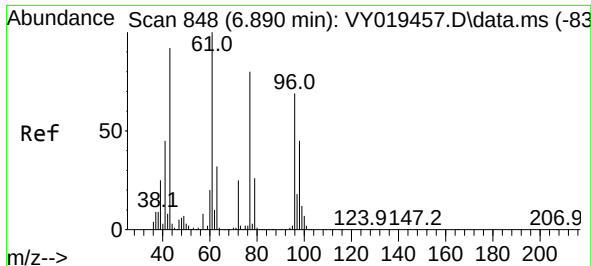
Reviewed By :Semsettin Yesilyurt 09/11/2024
 Supervised By :Mahesh Dadoda 09/11/2024



#24
 1,1-Dichloroethane
 Concen: 2.833 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY019480.D
 Acq: 10 Sep 2024 11:10

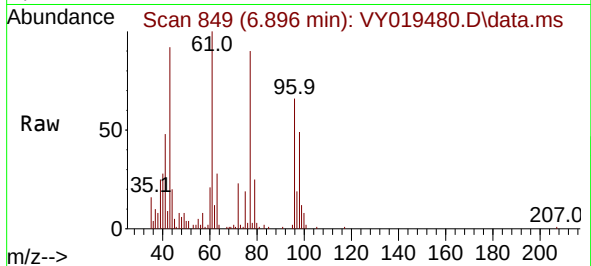
Tgt Ion: 63 Resp: 28023
 Ion Ratio Lower Upper
 63 100
 98 9.6 4.0 12.2
 100 5.7 2.6 8.0





#25
2-Butanone
Concen: 13.215 ug/l
RT: 6.896 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY019480.D
Acq: 10 Sep 2024 11:10

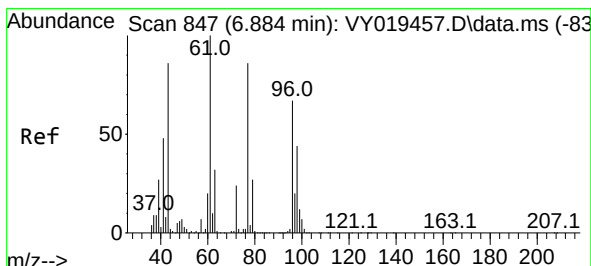
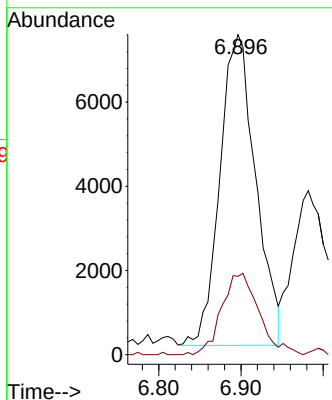
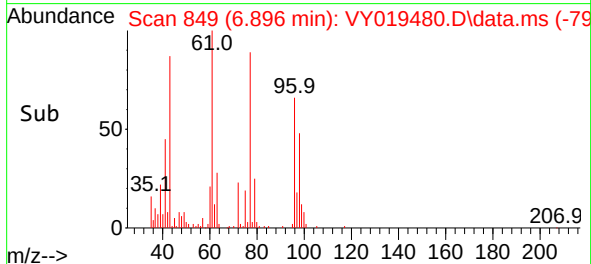
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion: 43 Resp: 2236
Ion Ratio Lower Upper
43 100
72 25.3 27.3 40.9

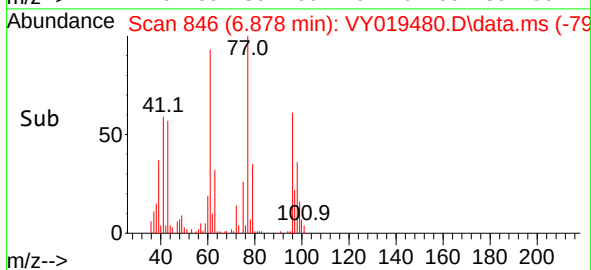
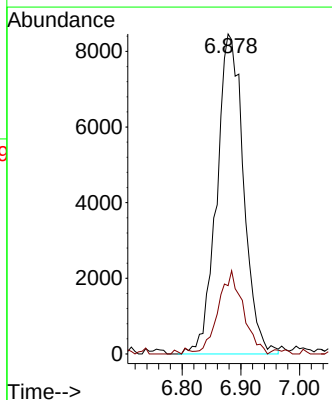
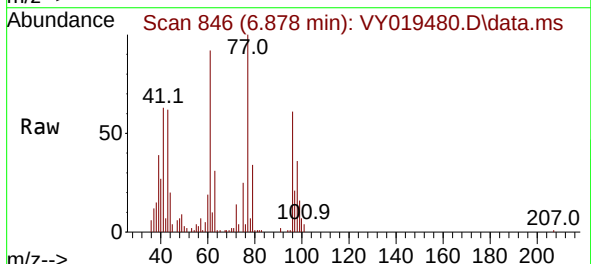
Manual Integrations
APPROVED

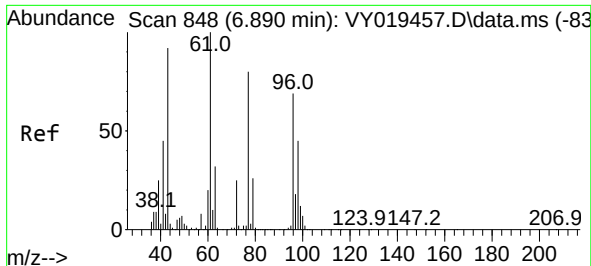
Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#26
2,2-Dichloropropane
Concen: 3.009 ug/l
RT: 6.878 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY019480.D
Acq: 10 Sep 2024 11:10

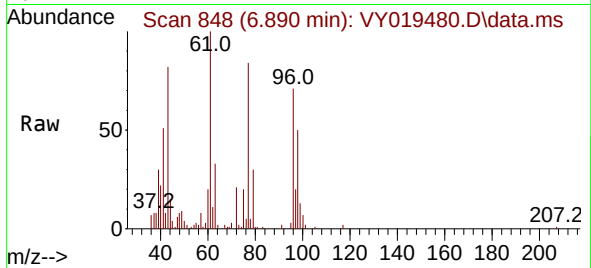
Tgt Ion: 77 Resp: 26847
Ion Ratio Lower Upper
77 100
97 24.1 12.0 36.1





#27
 cis-1,2-Dichloroethene
 Concen: 2.833 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. 0.000 min
 Lab File: VY019480.D
 Acq: 10 Sep 2024 11:10

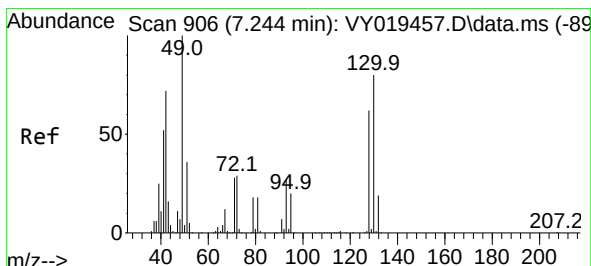
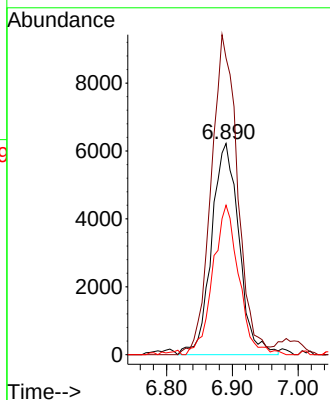
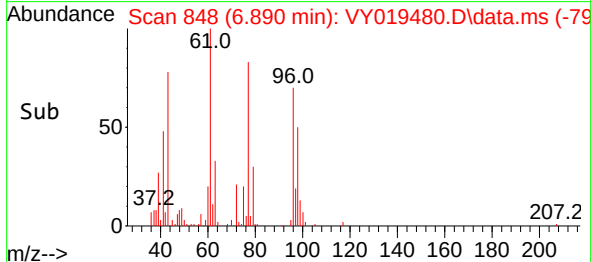
Instrument :
 MSVOA_Y
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2024



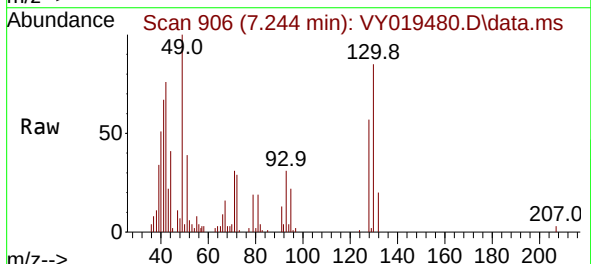
Tgt Ion: 96 Resp: 1805
 Ion Ratio Lower Upper
 96 100
 61 146.1 0.0 256.2
 98 67.1 0.0 130.0

Manual Integrations
 APPROVED

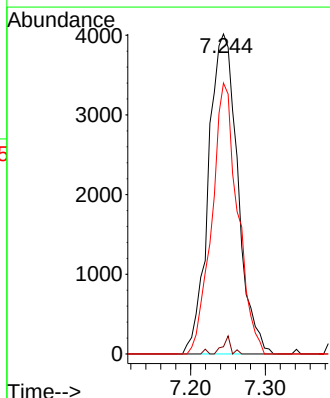
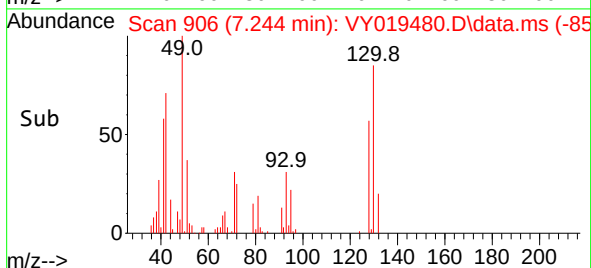
Reviewed By :Semsettin Yesilyurt 09/11/2024
 Supervised By :Mahesh Dadoda 09/11/2024

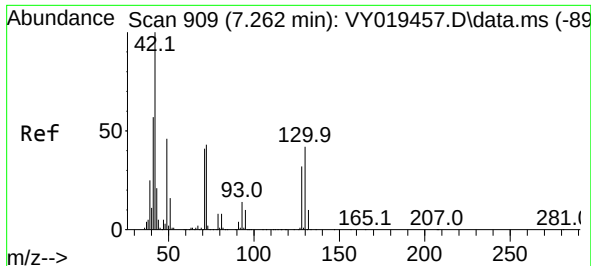


#28
 Bromochloromethane
 Concen: 2.621 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY019480.D
 Acq: 10 Sep 2024 11:10



Tgt Ion: 49 Resp: 10908
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 4.6
 130 75.0 72.7 109.1





#29

Tetrahydrofuran

Concen: 14.425 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY019480.D

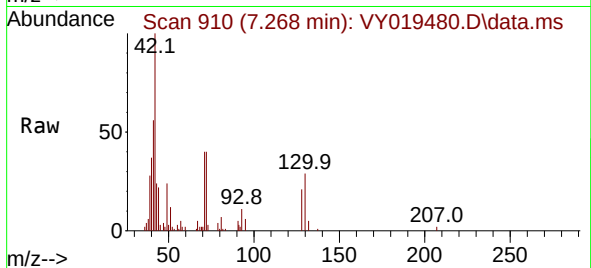
Acq: 10 Sep 2024 11:10

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2024

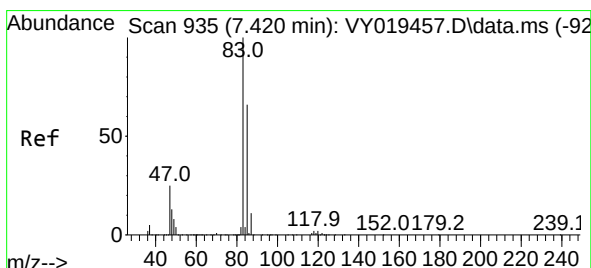
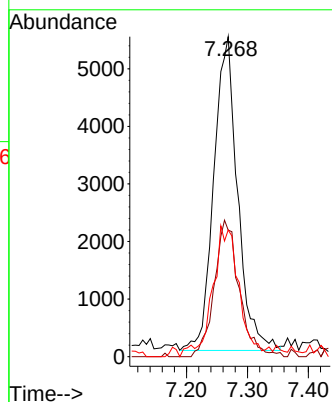
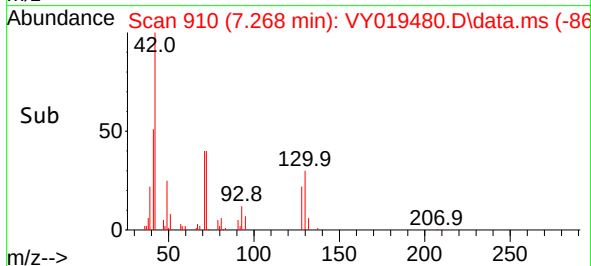


Tgt Ion:	42	Resp:	1484
Ion Ratio	100	Lower	Upper
42	100		
72	45.2	43.0	64.4
71	45.8	40.8	61.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#30

Chloroform

Concen: 3.113 ug/l

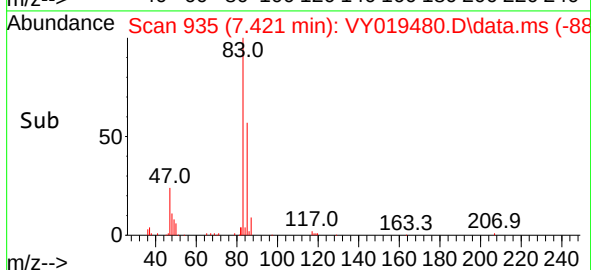
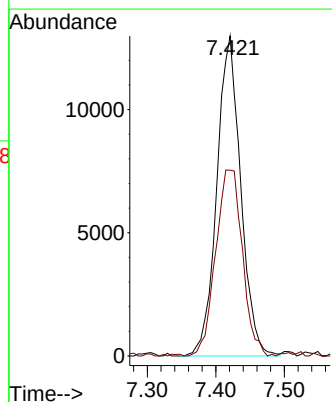
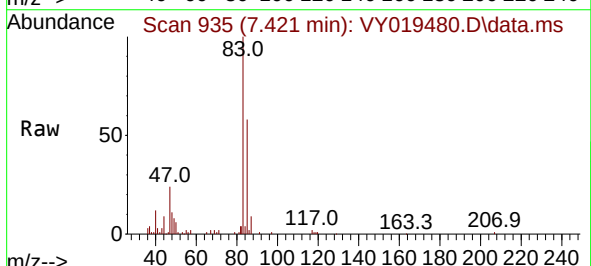
RT: 7.421 min Scan# 935

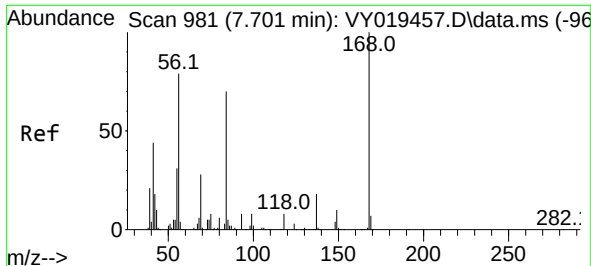
Delta R.T. 0.000 min

Lab File: VY019480.D

Acq: 10 Sep 2024 11:10

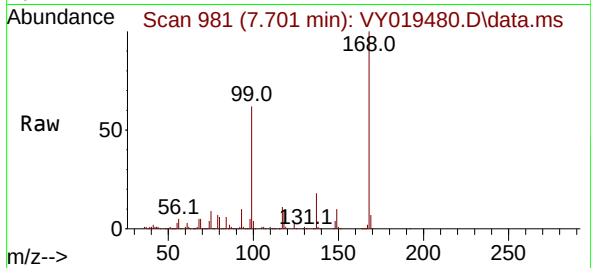
Tgt Ion:	83	Resp:	31428
Ion Ratio	100	Lower	Upper
83	100		
85	57.5	52.2	78.4





#31
Cyclohexane
Concen: 3.148 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019480.D
Acq: 10 Sep 2024 11:10

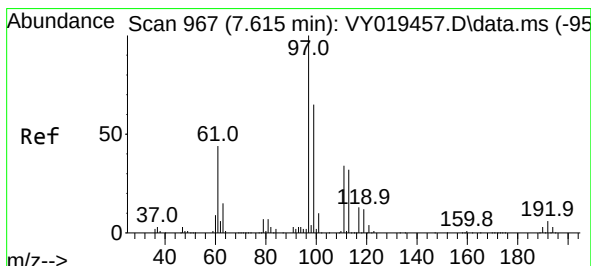
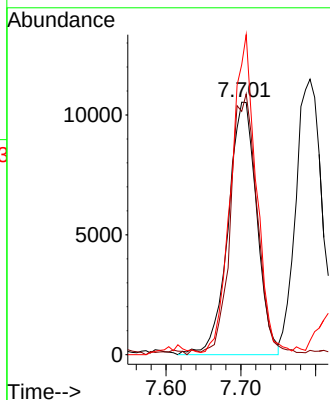
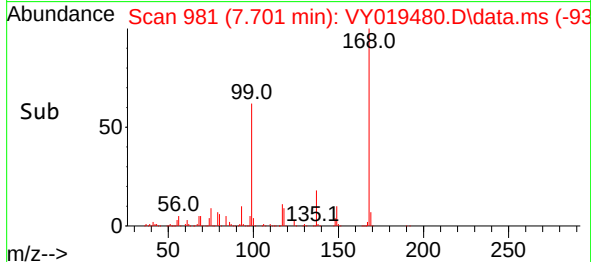
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion: 56 Resp: 28135
Ion Ratio Lower Upper
56 100
69 95.0 28.7 43.1
84 110.9 77.7 116.5

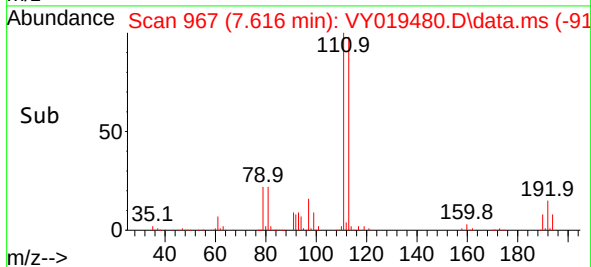
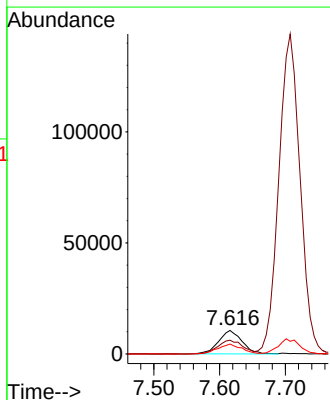
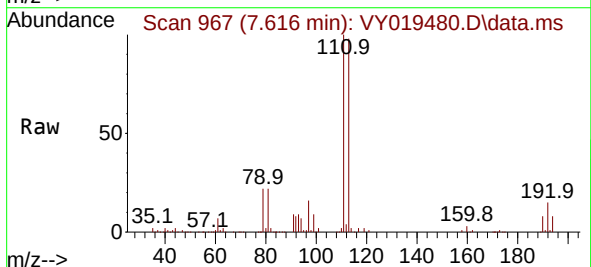
Manual Integrations
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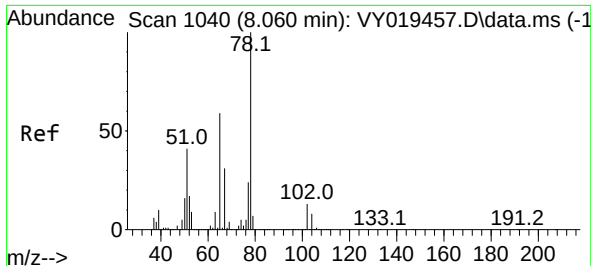
Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#32
1,1,1-Trichloroethane
Concen: 2.883 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY019480.D
Acq: 10 Sep 2024 11:10

Tgt Ion: 97 Resp: 26093
Ion Ratio Lower Upper
97 100
99 62.4 50.3 75.5
61 43.4 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 57.329 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY019480.D

Acq: 10 Sep 2024 11:10

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2024

Tgt Ion: 65 Resp: 286359

Ion Ratio Lower Upper

65 100

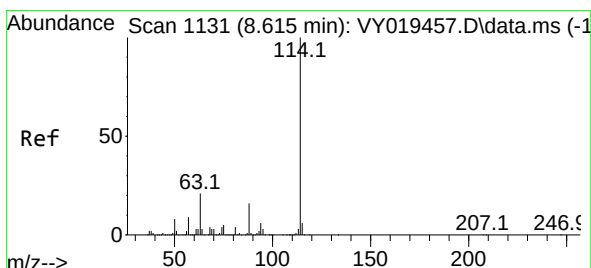
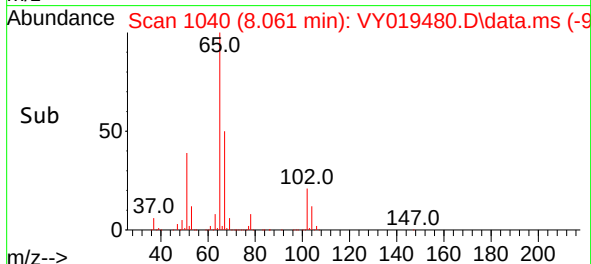
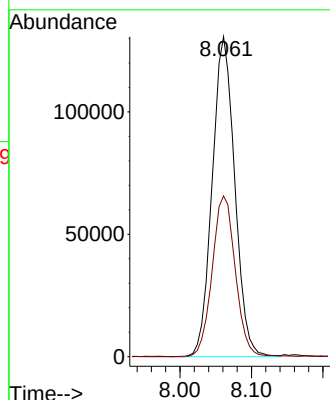
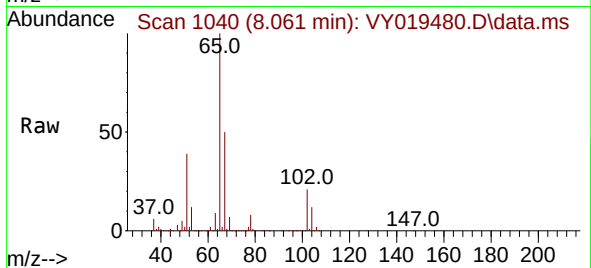
67 51.7 0.0 109.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2024

Supervised By :Mahesh Dadoda 09/11/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019480.D

Acq: 10 Sep 2024 11:10

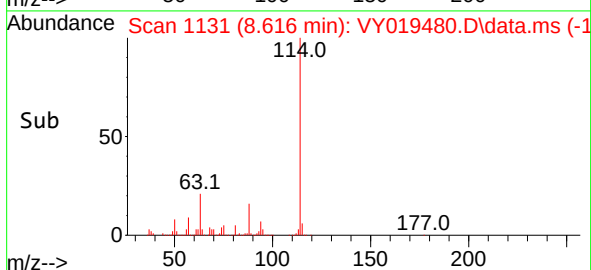
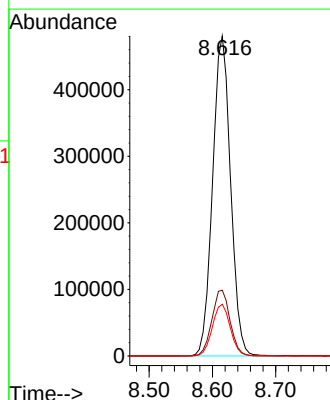
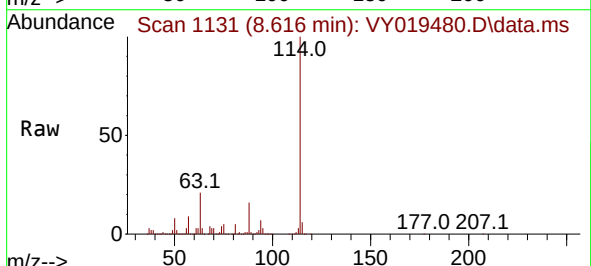
Tgt Ion:114 Resp: 945819

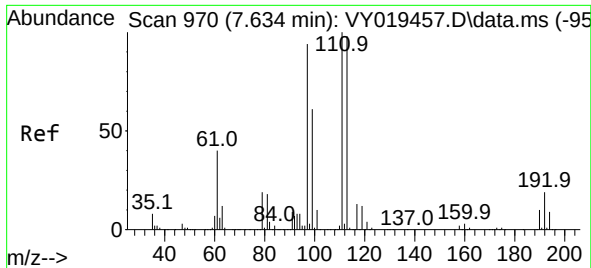
Ion Ratio Lower Upper

114 100

63 20.5 0.0 35.0

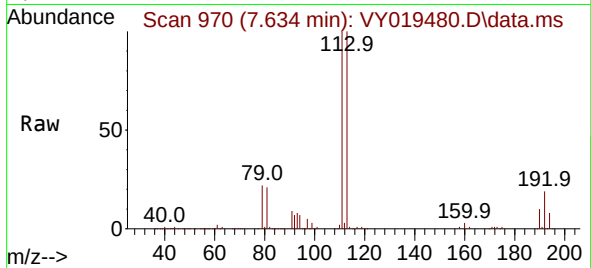
88 16.2 0.0 27.2





#35
Dibromofluoromethane
Concen: 54.003 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019480.D
Acq: 10 Sep 2024 11:10

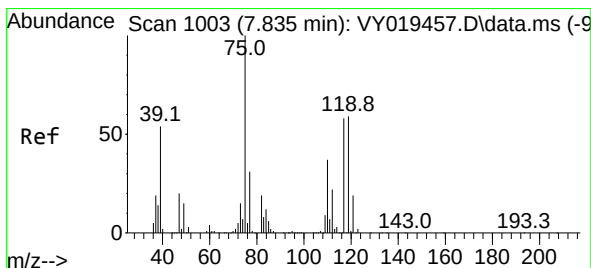
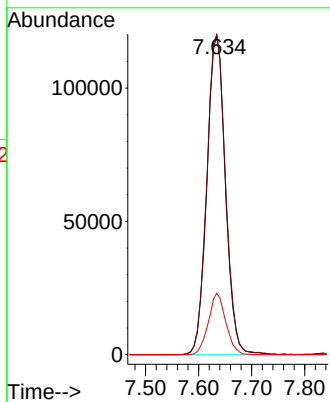
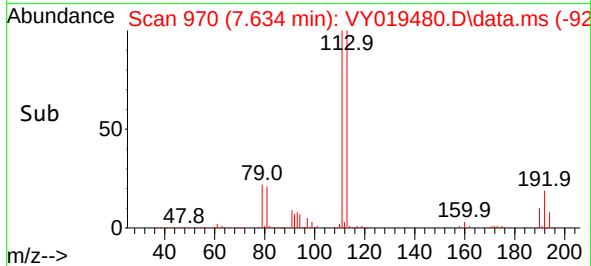
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



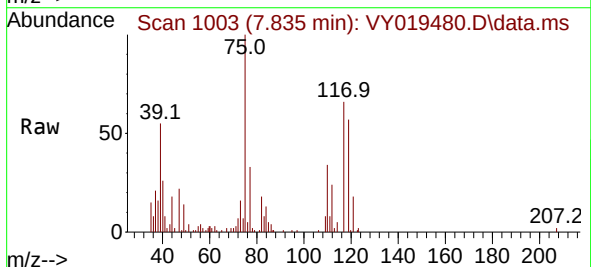
Tgt Ion: 113 Resp: 289590
Ion Ratio Lower Upper
113 100
111 102.1 82.2 123.4
192 18.2 15.9 23.9

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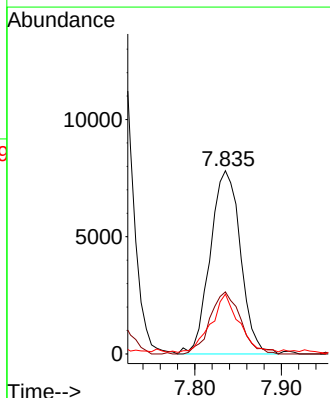
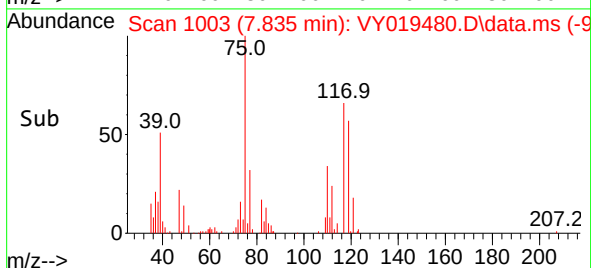
Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024

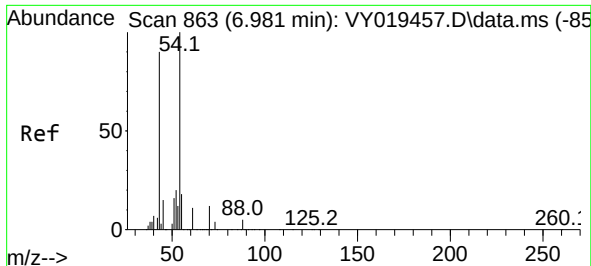


#36
1,1-Dichloropropene
Concen: 2.603 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY019480.D
Acq: 10 Sep 2024 11:10



Tgt Ion: 75 Resp: 18991
Ion Ratio Lower Upper
75 100
110 34.0 19.0 57.0
77 29.7 25.3 37.9





#37

Ethyl Acetate

Concen: 2.813 ug/l

RT: 6.982 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY019480.D

Acq: 10 Sep 2024 11:10

Instrument :

MSVOA_Y

ClientSampleId :

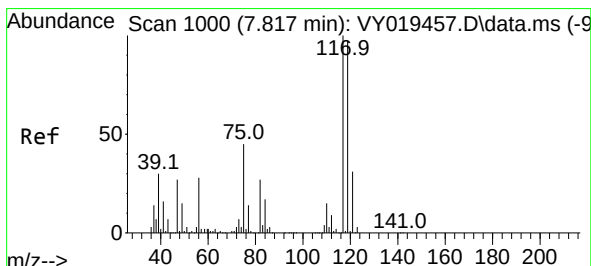
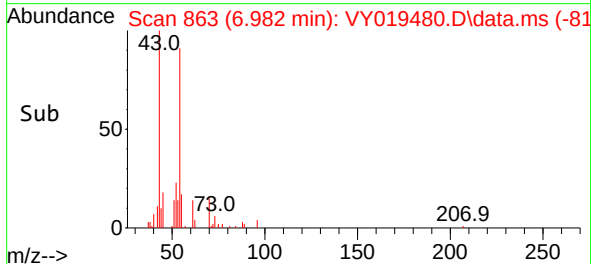
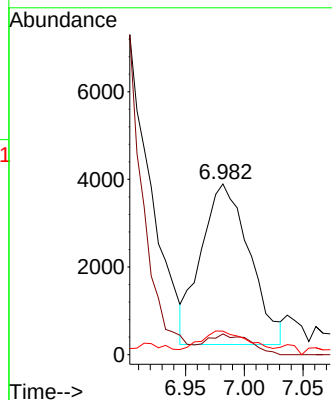
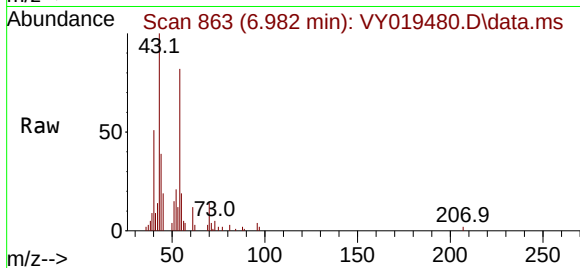
LOD-MDL-SOIL-01-QT3-2024

Tgt Ion:	43	Resp:	1051
Ion	Ratio	Lower	Upper
43	100		
61	11.4	12.6	19.0
70	13.6	7.8	11.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#38

Carbon Tetrachloride

Concen: 2.641 ug/l

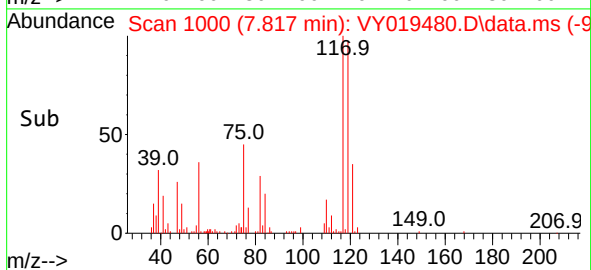
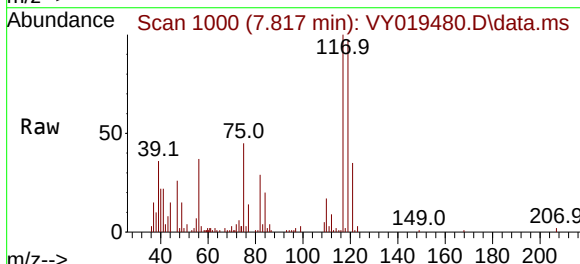
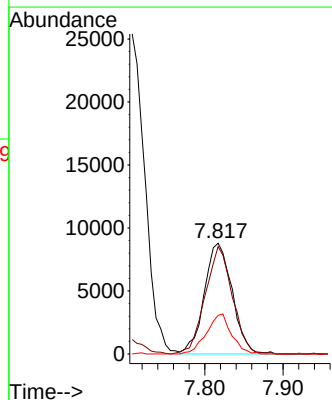
RT: 7.817 min Scan# 1000

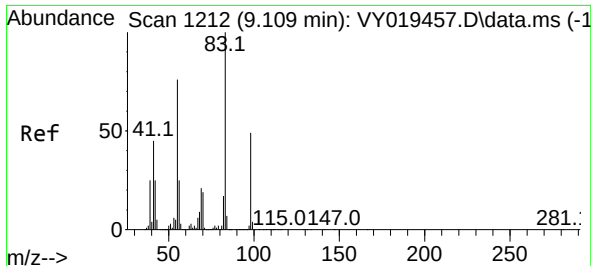
Delta R.T. 0.000 min

Lab File: VY019480.D

Acq: 10 Sep 2024 11:10

Tgt Ion:	117	Resp:	21729
Ion	Ratio	Lower	Upper
117	100		
119	97.0	75.8	113.6
121	34.8	24.0	36.0





#39

Methylcyclohexane

Concen: 2.138 ug/l

RT: 9.109 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019480.D

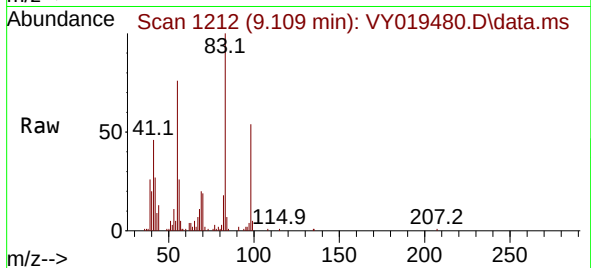
Acq: 10 Sep 2024 11:10

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2024

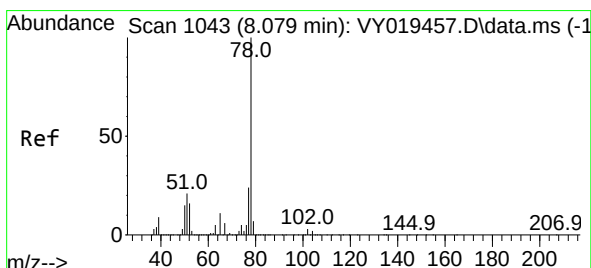
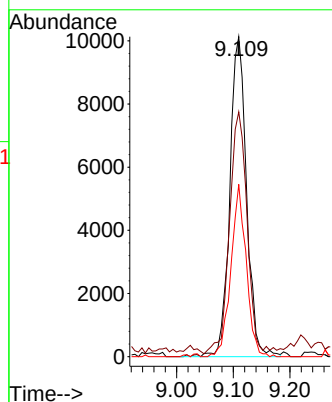
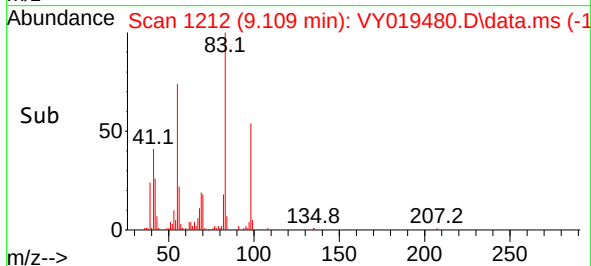


Tgt Ion:	83	Resp:	2076
Ion	Ratio	Lower	Upper
83	100		
55	74.7	51.5	77.3
98	53.8	40.5	60.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#40

Benzene

Concen: 2.526 ug/l

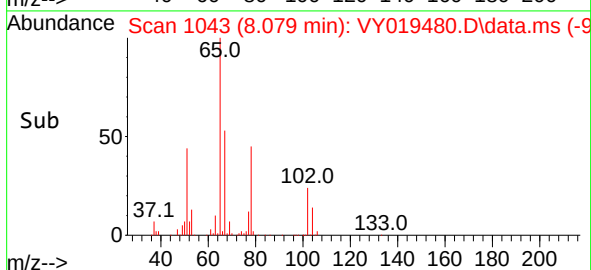
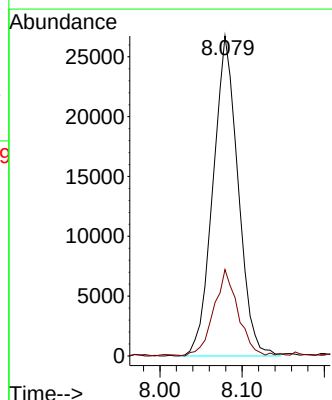
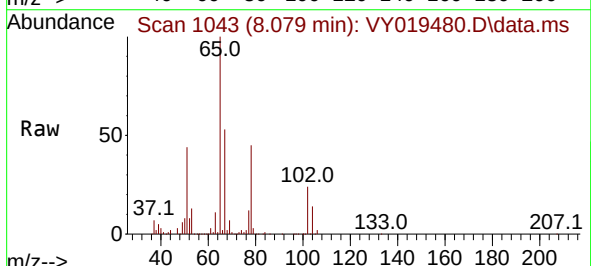
RT: 8.079 min Scan# 1043

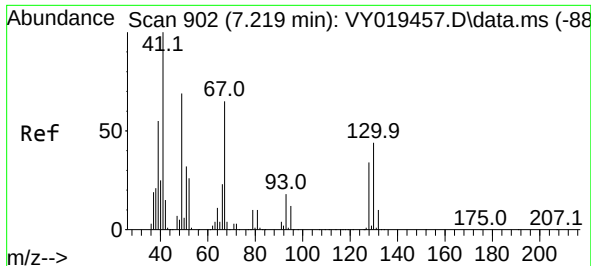
Delta R.T. 0.000 min

Lab File: VY019480.D

Acq: 10 Sep 2024 11:10

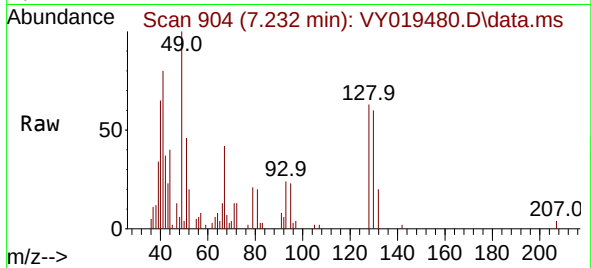
Tgt Ion:	78	Resp:	56774
Ion	Ratio	Lower	Upper
78	100		
77	26.8	19.5	29.3





#41
Methacrylonitrile
Concen: 2.893 ug/l
RT: 7.232 min Scan# 904
Delta R.T. 0.013 min
Lab File: VY019480.D
Acq: 10 Sep 2024 11:10

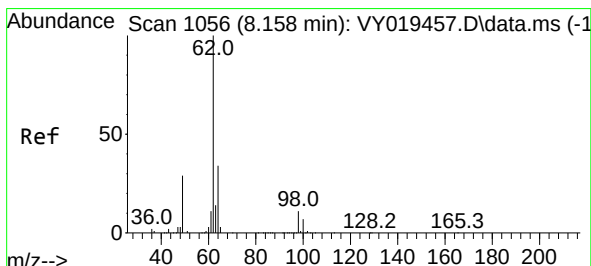
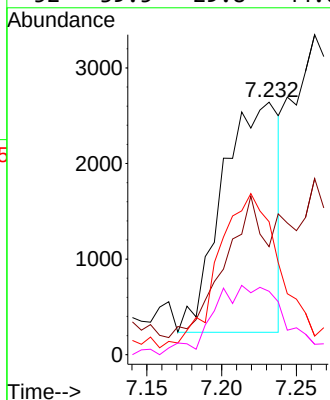
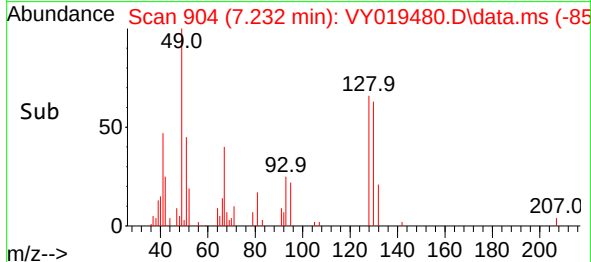
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion:	41	Resp:	630
Ion Ratio	100	Lower	Upper
41	100		
39	44.8	48.0	72.0
67	75.2	75.1	112.7
52	39.5	29.8	44.6

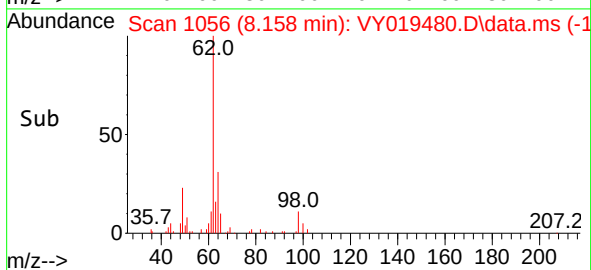
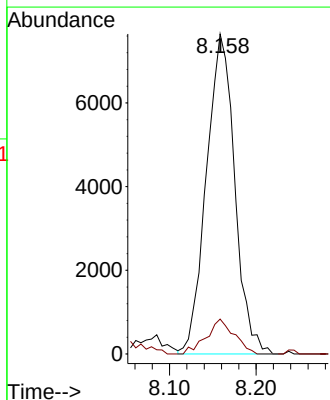
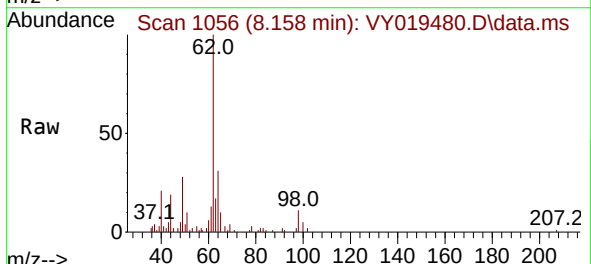
Manual Integrations
APPROVED

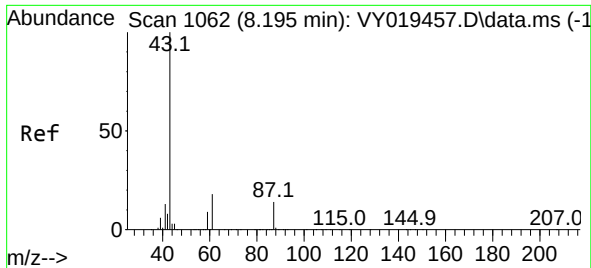
Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#42
1,2-Dichloroethane
Concen: 2.876 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY019480.D
Acq: 10 Sep 2024 11:10

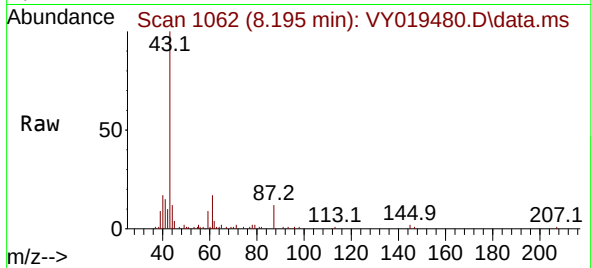
Tgt Ion:	62	Resp:	17393
Ion Ratio	100	Lower	Upper
62	100		
98	10.7	0.0	22.0





#43
Isopropyl Acetate
Concen: 2.795 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY019480.D
Acq: 10 Sep 2024 11:10

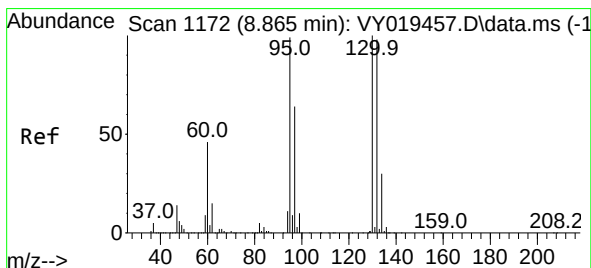
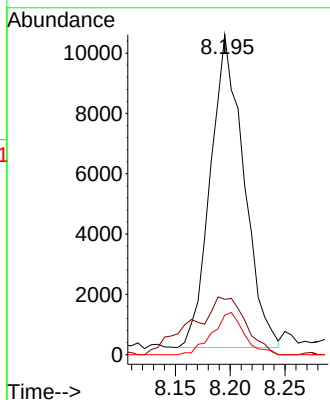
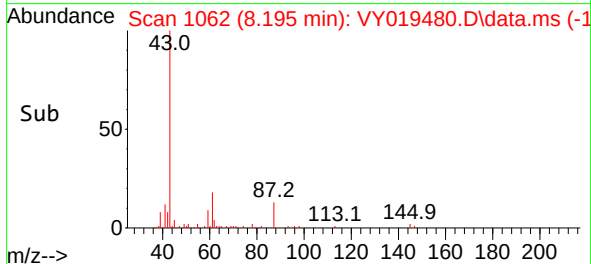
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2024



Tgt Ion: 43 Resp: 21952
Ion Ratio Lower Upper
43 100
61 29.7 27.9 41.9
87 12.8 13.1 19.7

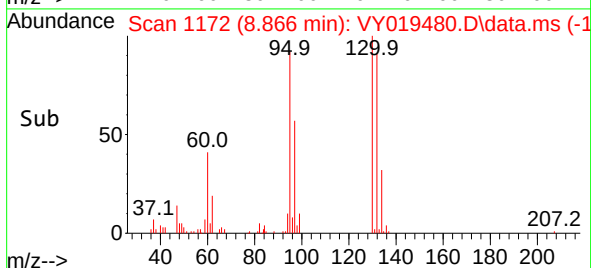
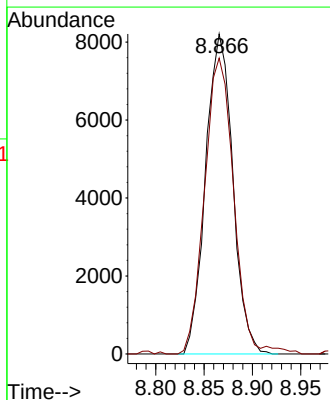
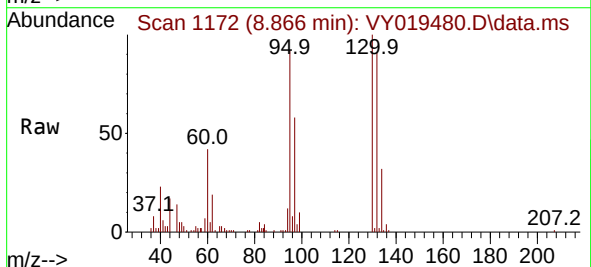
Manual Integrations
APPROVED

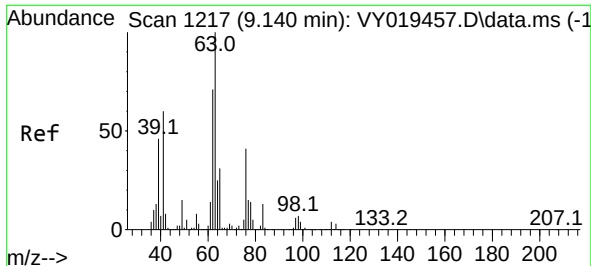
Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#44
Trichloroethene
Concen: 2.773 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY019480.D
Acq: 10 Sep 2024 11:10

Tgt Ion:130 Resp: 16028
Ion Ratio Lower Upper
130 100
95 92.5 0.0 188.0





#45

1,2-Dichloropropane

Concen: 2.850 ug/l

RT: 9.146 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VY019480.D

Acq: 10 Sep 2024 11:10

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2024

Tgt Ion: 63 Resp: 1566

Ion Ratio Lower Upper

63 100

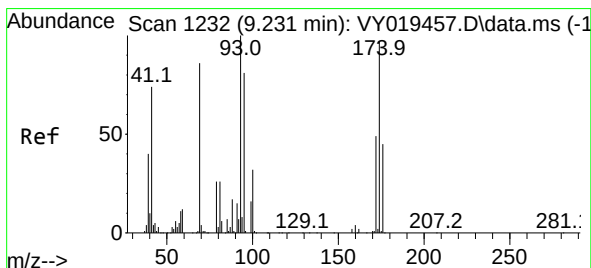
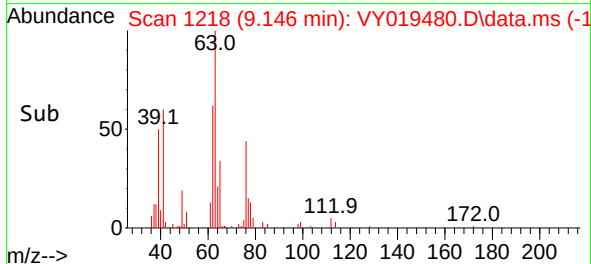
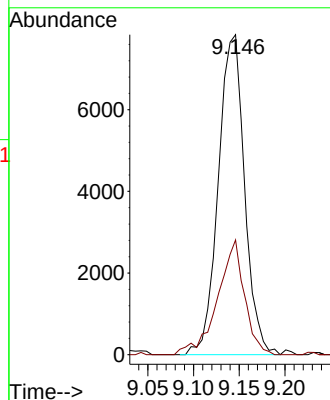
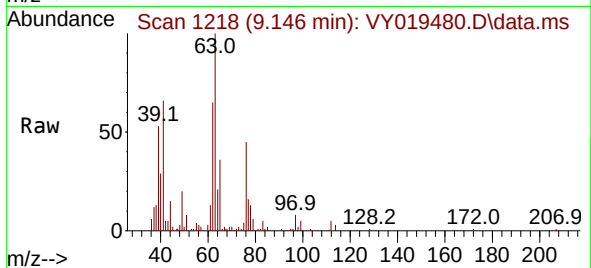
65 35.9 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2024

Supervised By :Mahesh Dadoda 09/11/2024



#46

Dibromomethane

Concen: 2.831 ug/l

RT: 9.237 min Scan# 1233

Delta R.T. 0.006 min

Lab File: VY019480.D

Acq: 10 Sep 2024 11:10

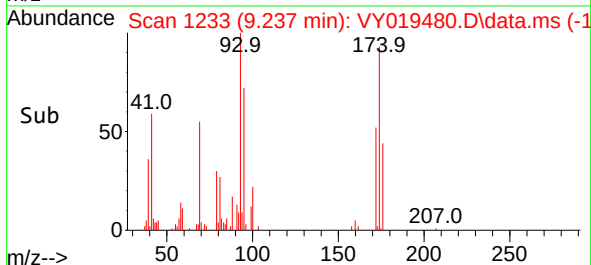
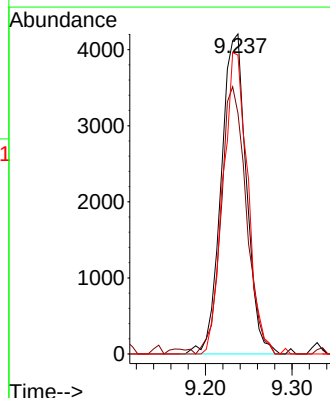
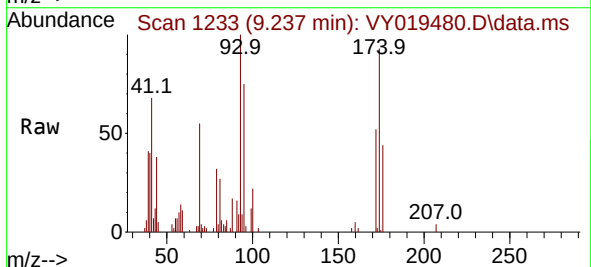
Tgt Ion: 93 Resp: 8507

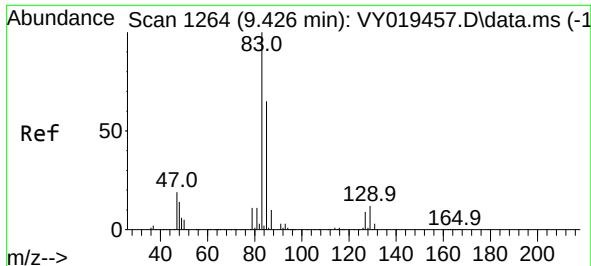
Ion Ratio Lower Upper

93 100

95 83.6 66.2 99.4

174 91.9 80.9 121.3





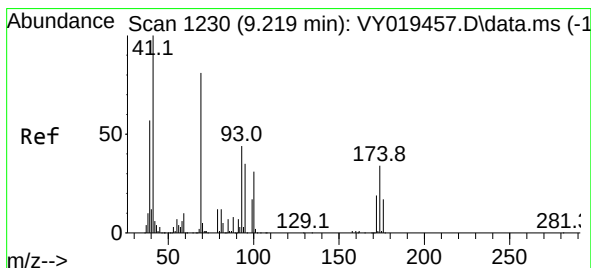
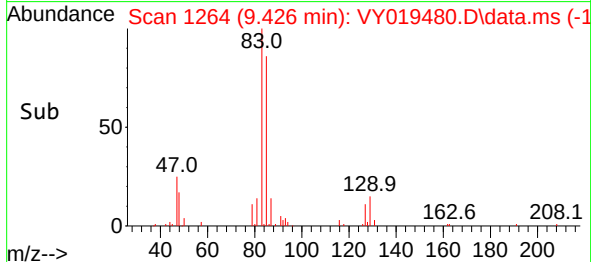
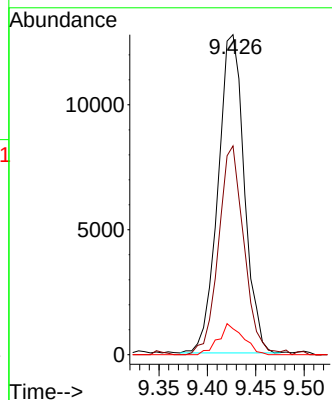
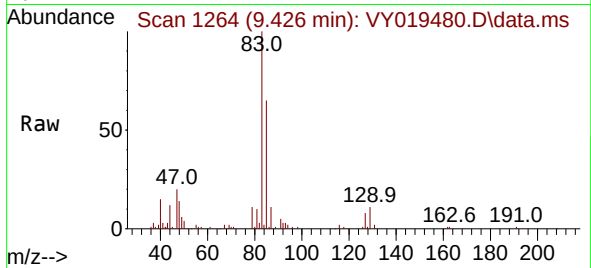
#47
Bromodichloromethane
Concen: 2.976 ug/l
RT: 9.426 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VY019480.D
Acq: 10 Sep 2024 11:10

Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2024

Tgt Ion: 83 Resp: 24038
Ion Ratio Lower Upper
83 100
85 65.6 50.1 75.1
127 8.2 7.4 11.0

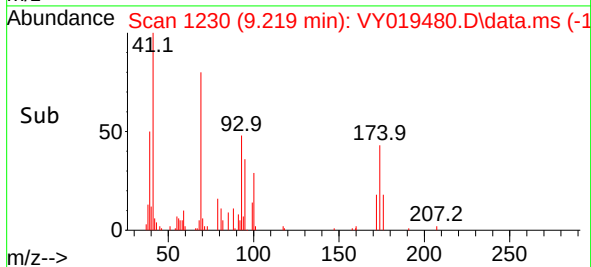
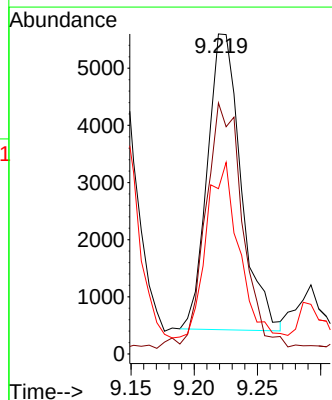
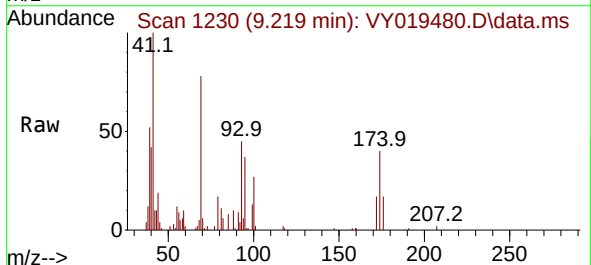
Manual Integrations
APPROVED

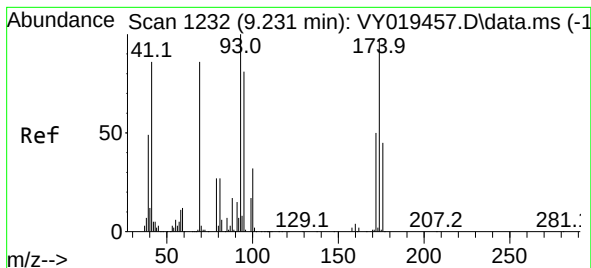
Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#48
Methyl methacrylate
Concen: 2.590 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY019480.D
Acq: 10 Sep 2024 11:10

Tgt Ion: 41 Resp: 9608
Ion Ratio Lower Upper
41 100
69 95.0 84.1 126.1
39 61.4 43.6 65.4





#49

1,4-Dioxane

Concen: 49.813 ug/l

RT: 9.237 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VY019480.D

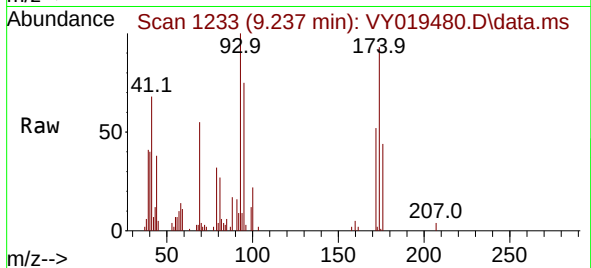
Acq: 10 Sep 2024 11:10

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2024



Tgt Ion: 88 Resp: 1762

Ion Ratio Lower Upper

88 100

43 34.0 0.0 0.0

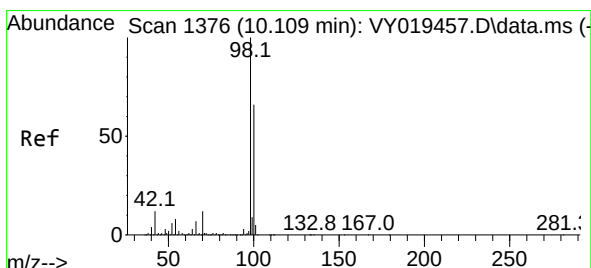
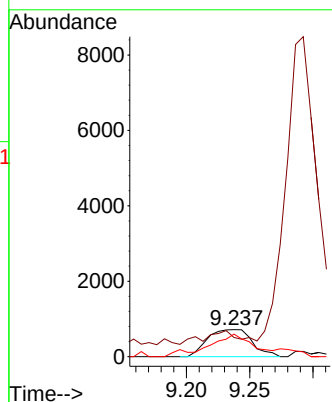
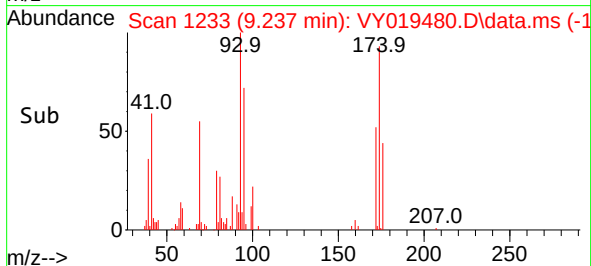
58 47.3 49.3 73.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2024

Supervised By :Mahesh Dadoda 09/11/2024



#50

Toluene-d8

Concen: 53.909 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY019480.D

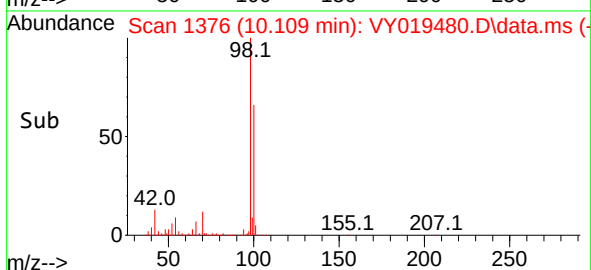
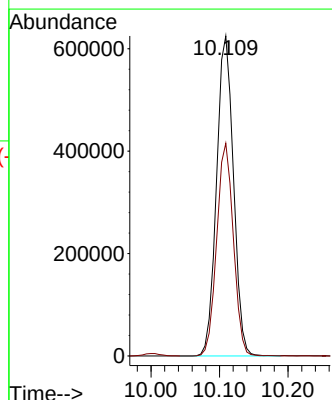
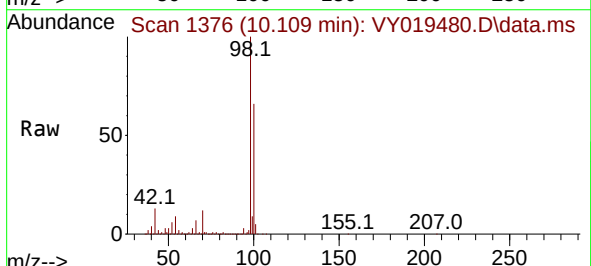
Acq: 10 Sep 2024 11:10

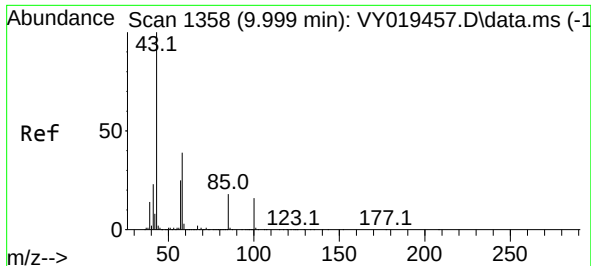
Tgt Ion: 98 Resp: 1069291

Ion Ratio Lower Upper

98 100

100 65.5 52.0 78.0





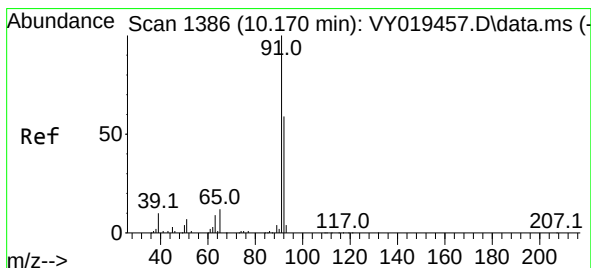
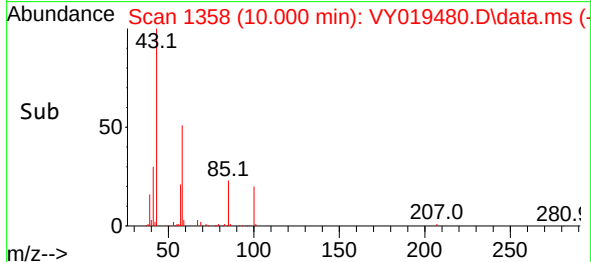
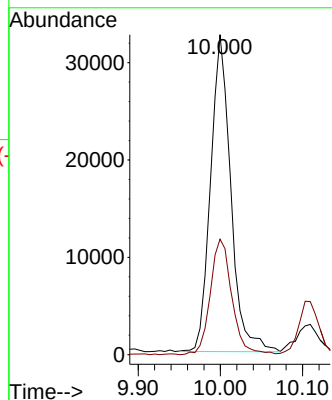
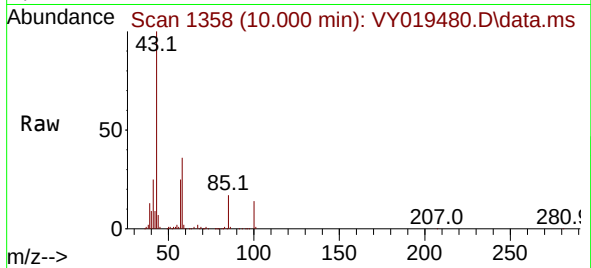
#51
4-Methyl-2-Pentanone
Concen: 14.076 ug/l
RT: 10.000 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY019480.D
Acq: 10 Sep 2024 11:10

Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024

Tgt Ion: 43 Resp: 5562
Ion Ratio Lower Upper
43 100
58 38.9 35.7 53.5

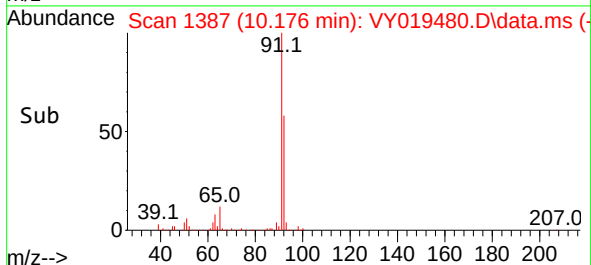
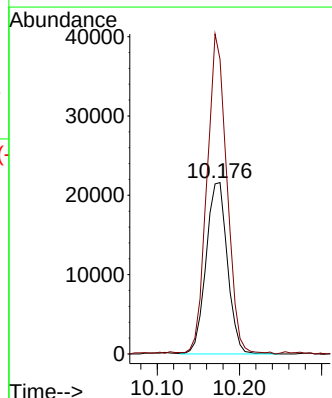
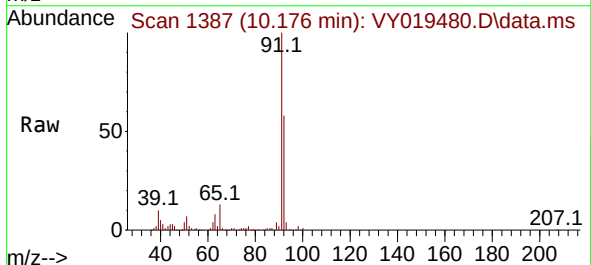
Manual Integrations
APPROVED

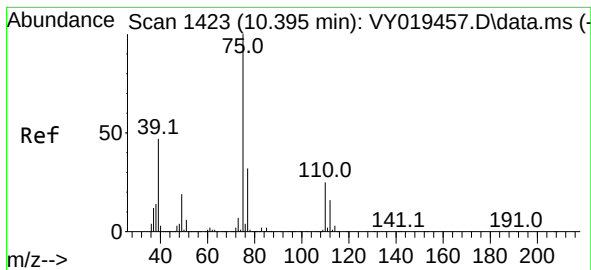
Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#52
Toluene
Concen: 2.699 ug/l
RT: 10.176 min Scan# 1387
Delta R.T. 0.006 min
Lab File: VY019480.D
Acq: 10 Sep 2024 11:10

Tgt Ion: 92 Resp: 39017
Ion Ratio Lower Upper
92 100
91 173.9 139.0 208.6





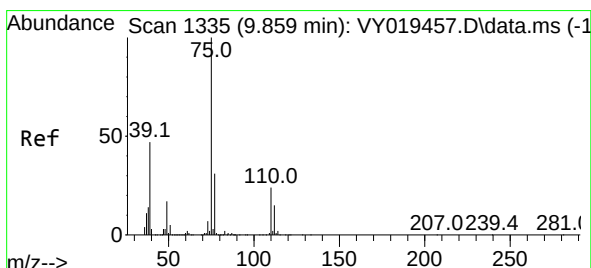
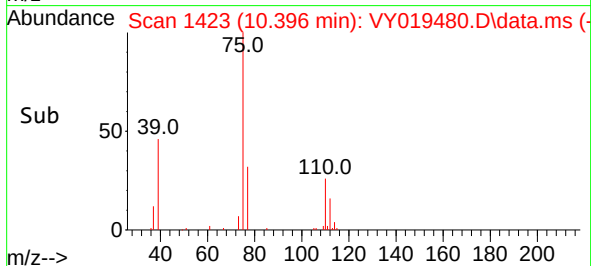
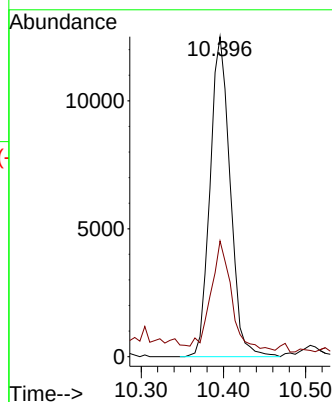
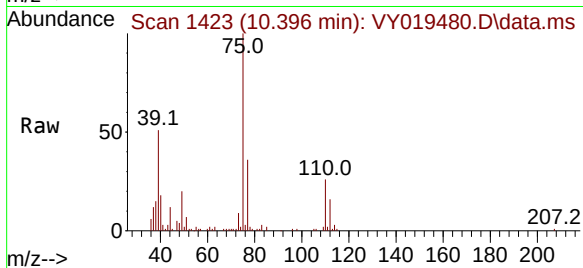
#53
t-1,3-Dichloropropene
Concen: 2.760 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY019480.D
Acq: 10 Sep 2024 11:10

Instrument : MSVOA_Y
ClientSampleId : VY019480.D
LOD-MDL-SOIL-01-QT3-2024

Tgt Ion: 75 Resp: 21250
Ion Ratio Lower Upper
75 100
77 32.8 24.1 36.1

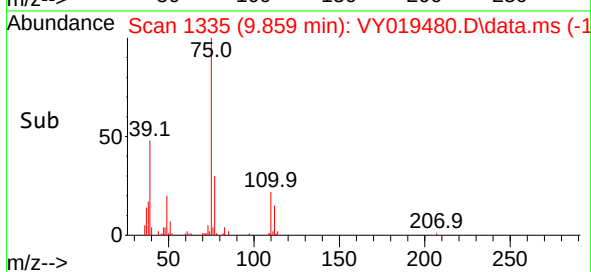
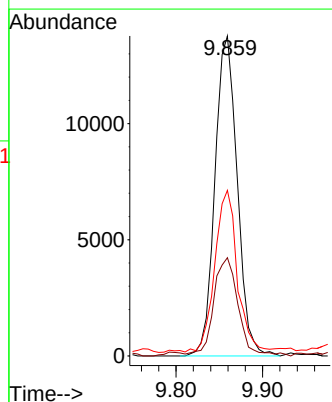
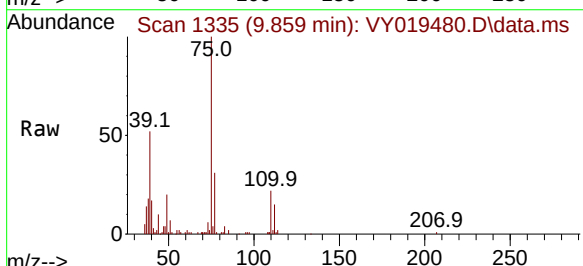
Manual Integrations
APPROVED

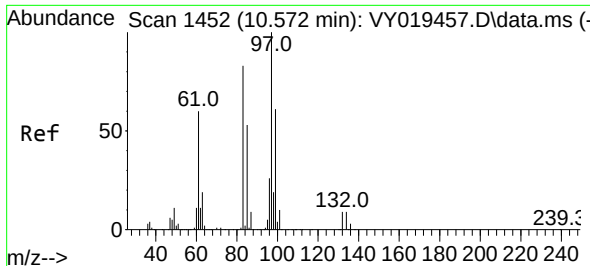
Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#54
cis-1,3-Dichloropropene
Concen: 2.749 ug/l
RT: 9.859 min Scan# 1335
Delta R.T. 0.000 min
Lab File: VY019480.D
Acq: 10 Sep 2024 11:10

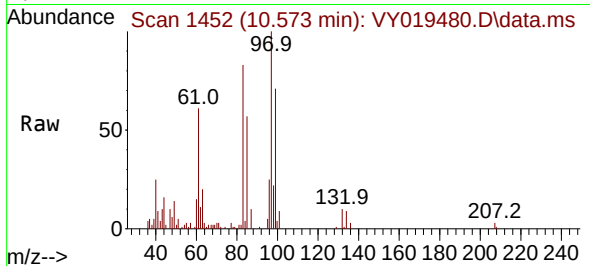
Tgt Ion: 75 Resp: 24649
Ion Ratio Lower Upper
75 100
77 29.8 25.4 38.0
39 50.1 29.8 44.6#





#55
1,1,2-Trichloroethane
Concen: 3.027 ug/l
RT: 10.573 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY019480.D
Acq: 10 Sep 2024 11:10

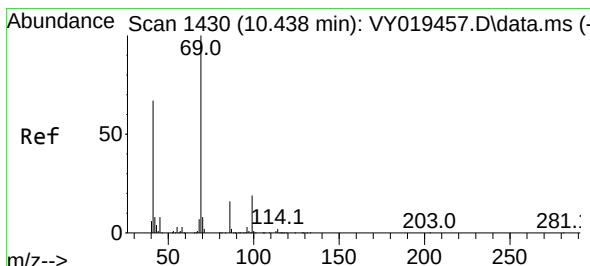
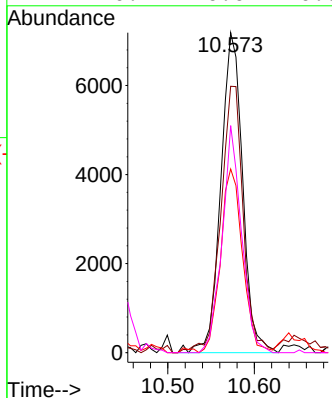
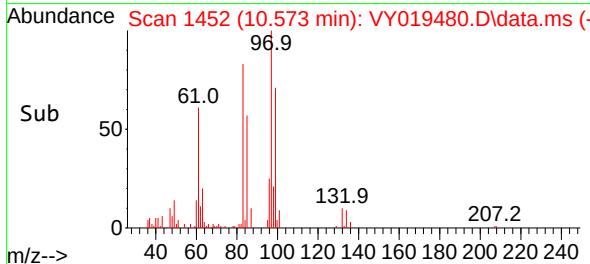
Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



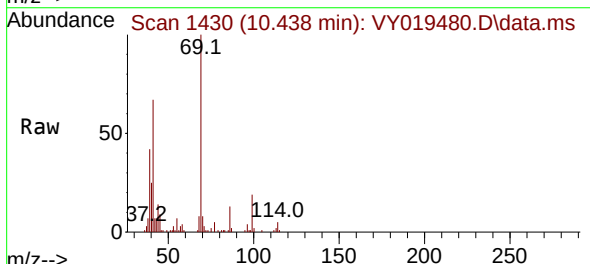
Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.2	67.5	101.3
85	57.4	42.9	64.3
99	70.9	46.6	70.0#

Manual Integrations
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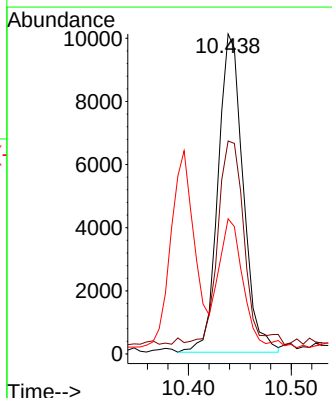
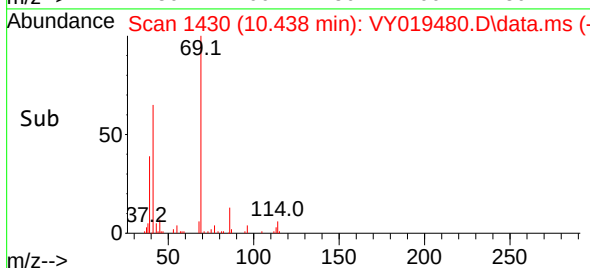
Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024

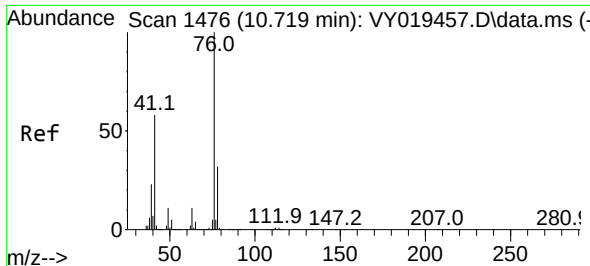


#56
Ethyl methacrylate
Concen: 2.711 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY019480.D
Acq: 10 Sep 2024 11:10



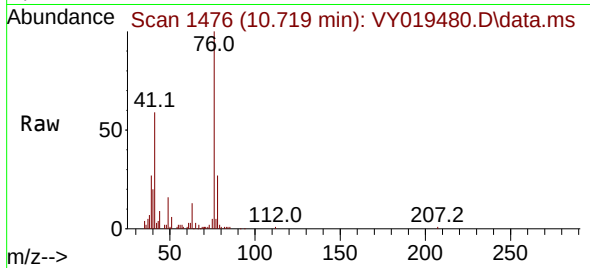
Tgt Ion	Ratio	Lower	Upper
69	100		
41	64.9	42.3	63.5#
39	39.7	22.9	34.3#





#57
1,3-Dichloropropane
Concen: 2.895 ug/l
RT: 10.719 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VY019480.D
Acq: 10 Sep 2024 11:10

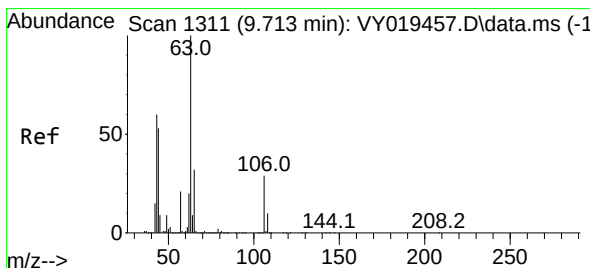
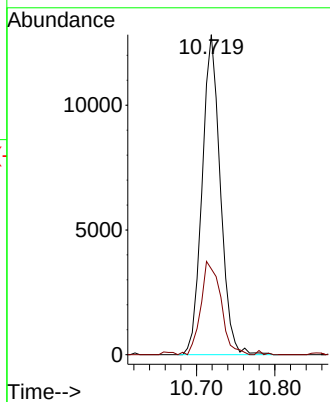
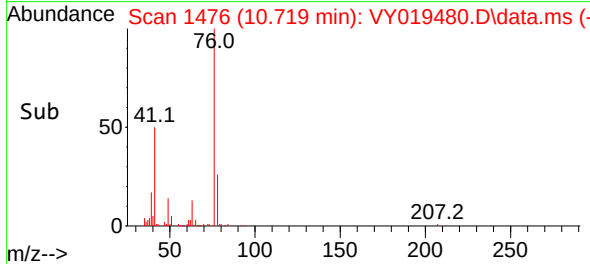
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2024



Tgt Ion: 76 Resp: 2064
Ion Ratio Lower Upper
76 100
78 32.2 26.2 39.4

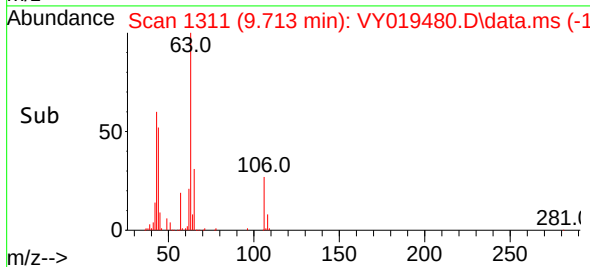
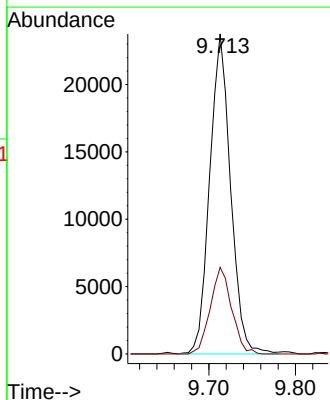
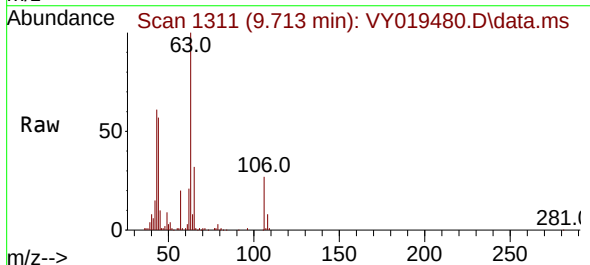
Manual Integrations
APPROVED

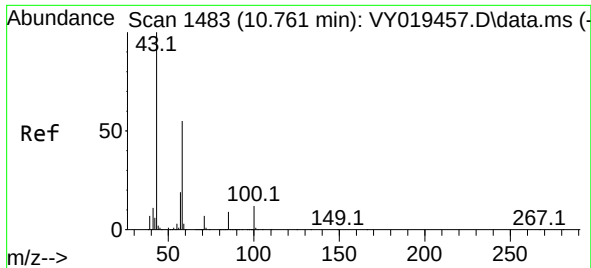
Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#58
2-Chloroethyl Vinyl ether
Concen: 13.598 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VY019480.D
Acq: 10 Sep 2024 11:10

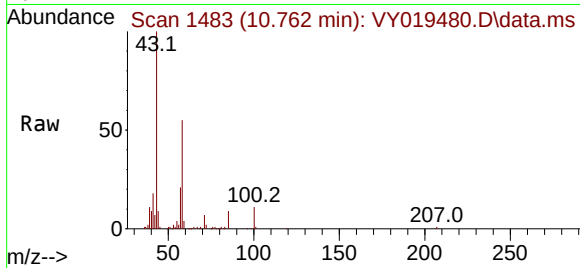
Tgt Ion: 63 Resp: 39781
Ion Ratio Lower Upper
63 100
106 27.6 23.7 35.5





#59
2-Hexanone
Concen: 13.272 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY019480.D
Acq: 10 Sep 2024 11:10

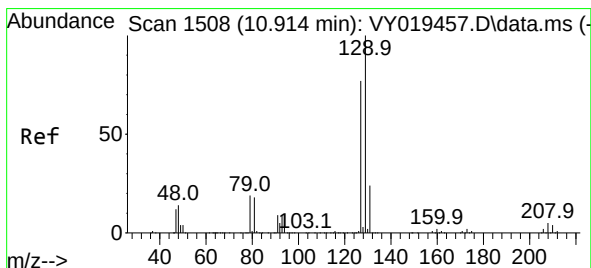
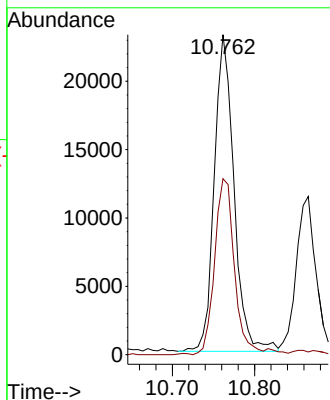
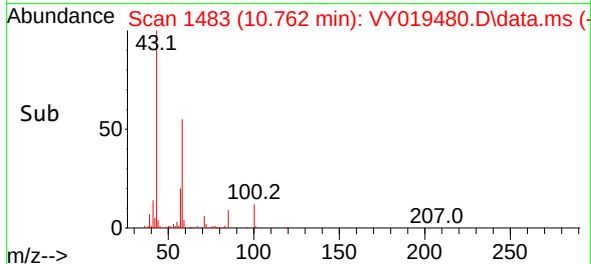
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion: 43 Resp: 3845
Ion Ratio Lower Upper
43 100
58 55.5 31.4 94.0

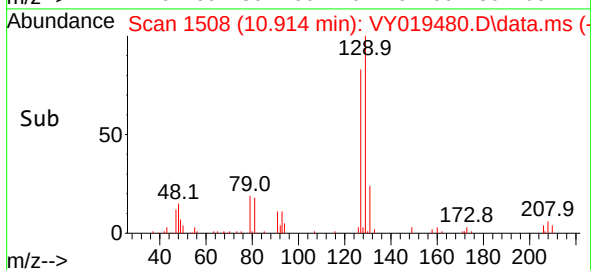
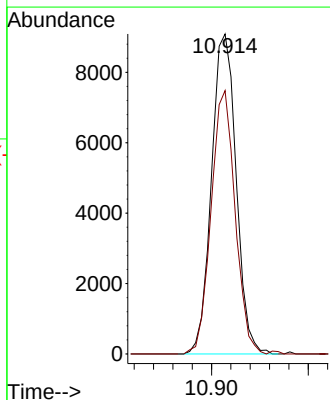
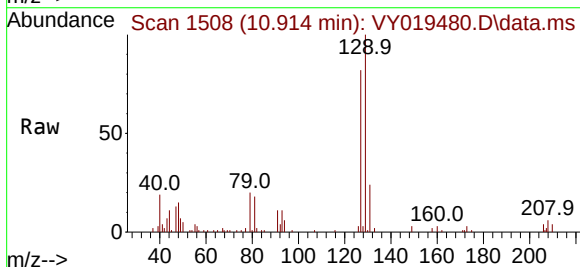
Manual Integrations
APPROVED

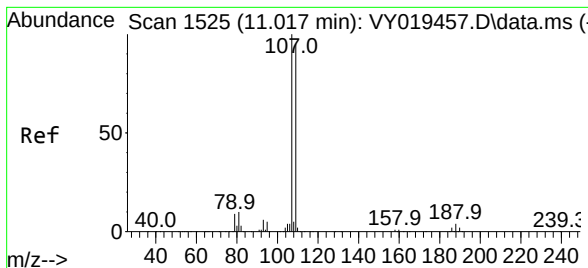
Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#60
Dibromochloromethane
Concen: 2.929 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY019480.D
Acq: 10 Sep 2024 11:10

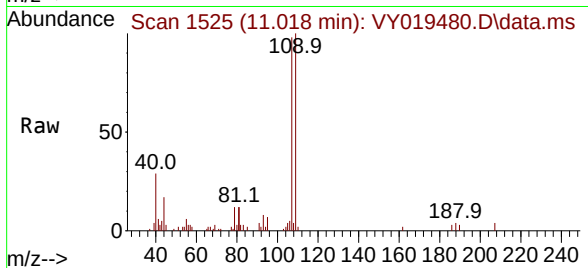
Tgt Ion:129 Resp: 16075
Ion Ratio Lower Upper
129 100
127 80.1 39.0 117.0





#61
1,2-Dibromoethane
Concen: 2.672 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY019480.D
Acq: 10 Sep 2024 11:10

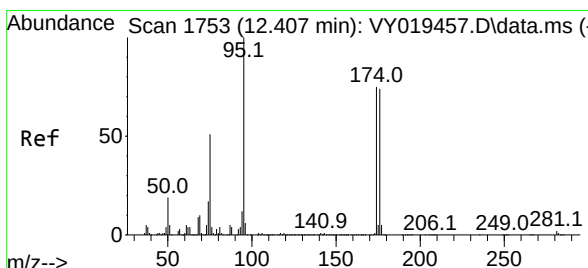
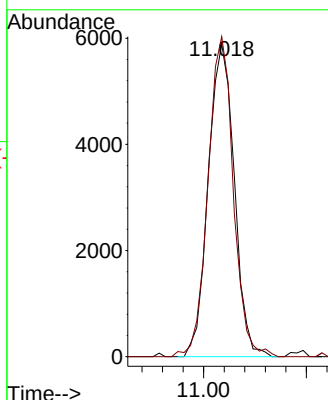
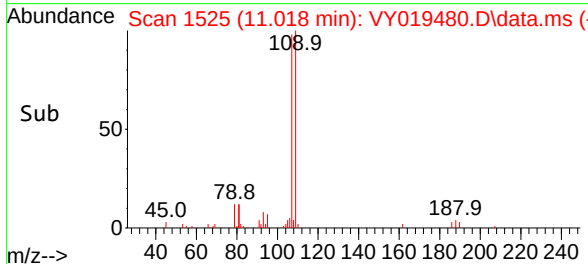
Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



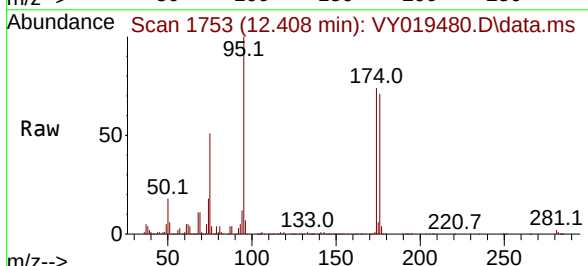
Tgt Ion:107 Resp: 1033
Ion Ratio Lower Upper
107 100
109 99.8 75.9 113.9

Manual Integrations
APPROVED

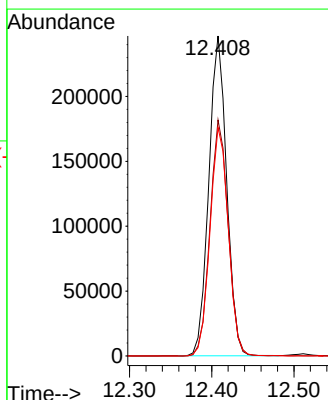
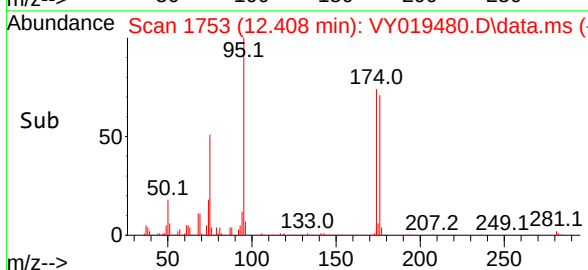
Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024

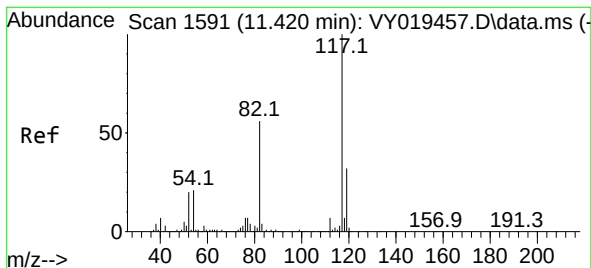


#62
4-Bromofluorobenzene
Concen: 48.801 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019480.D
Acq: 10 Sep 2024 11:10



Tgt Ion: 95 Resp: 372196
Ion Ratio Lower Upper
95 100
174 75.1 0.0 175.6
176 73.0 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019480.D

Acq: 10 Sep 2024 11:10

Instrument :

MSVOA_Y

ClientSampleId :

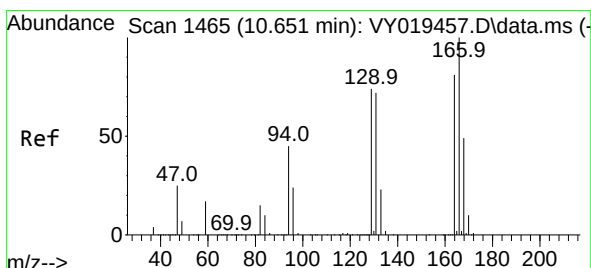
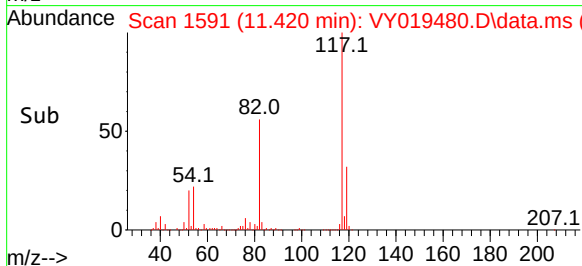
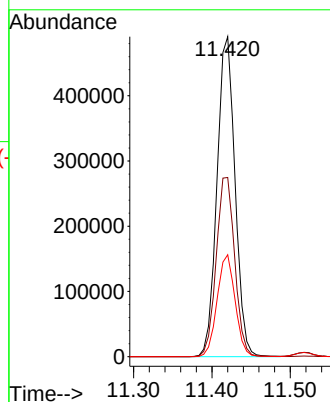
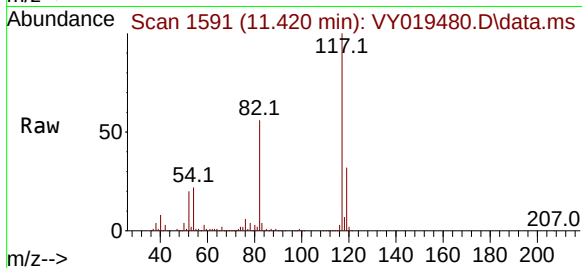
LOD-MDL-SOIL-01-QT3-2024

Tgt Ion:	117	Resp:	78656
Ion Ratio	Lower	Upper	
117	100		
82	56.0	42.4	63.6
119	31.8	25.9	38.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#64

Tetrachloroethene

Concen: 2.877 ug/l

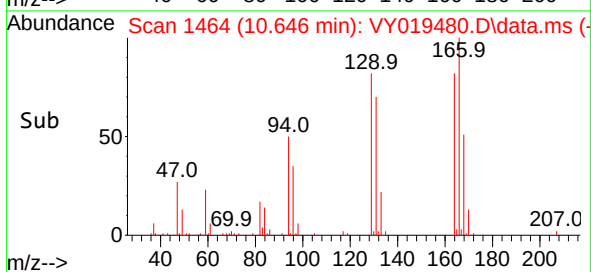
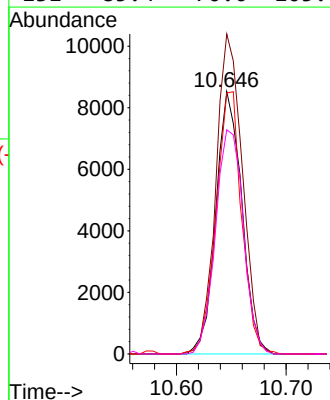
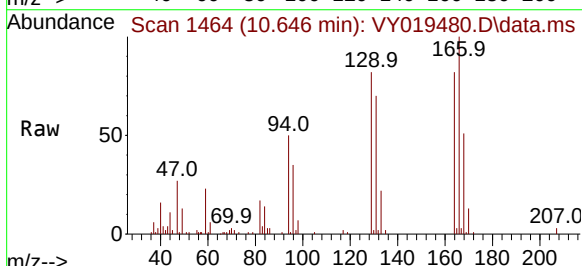
RT: 10.646 min Scan# 1464

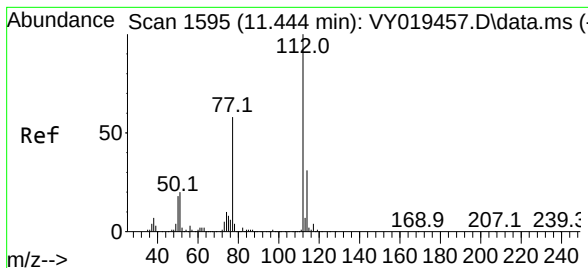
Delta R.T. -0.006 min

Lab File: VY019480.D

Acq: 10 Sep 2024 11:10

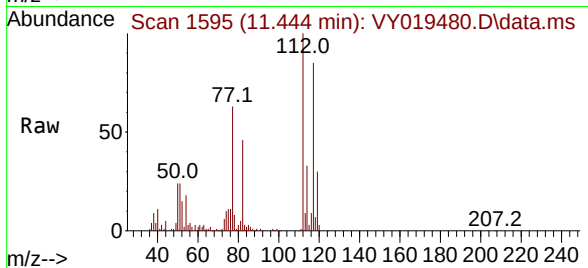
Tgt Ion:	164	Resp:	14015
Ion Ratio	Lower	Upper	
164	100		
166	122.0	102.6	154.0
129	99.5	72.0	108.0
131	85.4	70.0	105.0





#65
Chlorobenzene
Concen: 2.925 ug/l
RT: 11.444 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VY019480.D
Acq: 10 Sep 2024 11:10

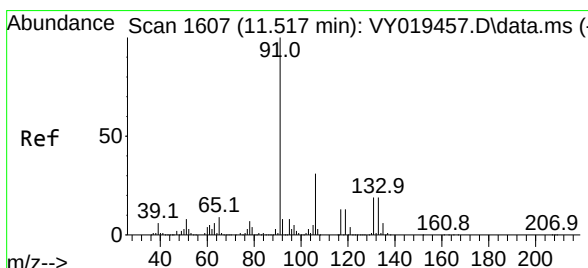
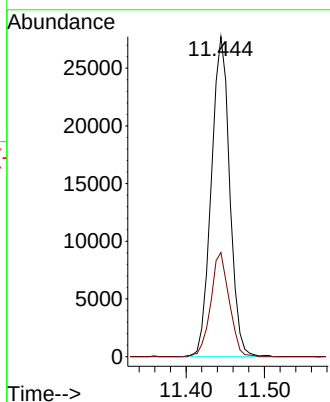
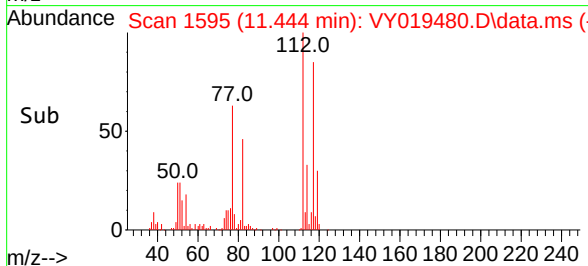
Instrument : MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



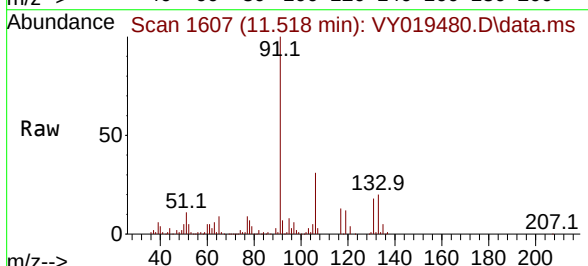
Tgt Ion:112 Resp: 45250
Ion Ratio Lower Upper
112 100
114 32.6 26.4 39.6

Manual Integrations
APPROVED

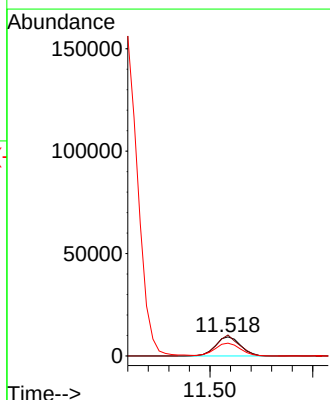
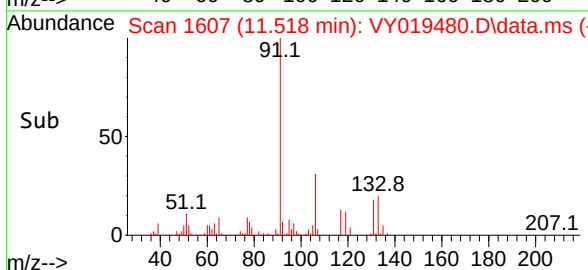
Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024

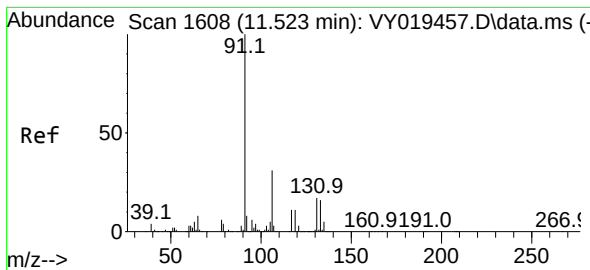


#66
1,1,1,2-Tetrachloroethane
Concen: 2.932 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY019480.D
Acq: 10 Sep 2024 11:10



Tgt Ion:131 Resp: 15708
Ion Ratio Lower Upper
131 100
133 99.5 47.8 143.3
119 68.1 34.1 102.2





#67

Ethyl Benzene

Concen: 2.943 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY019480.D

Acq: 10 Sep 2024 11:10

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2024

Tgt Ion: 91 Resp: 80920

Ion Ratio Lower Upper

91 100

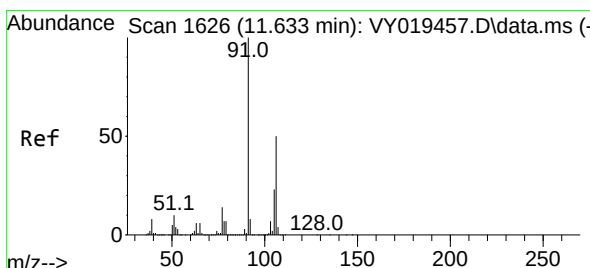
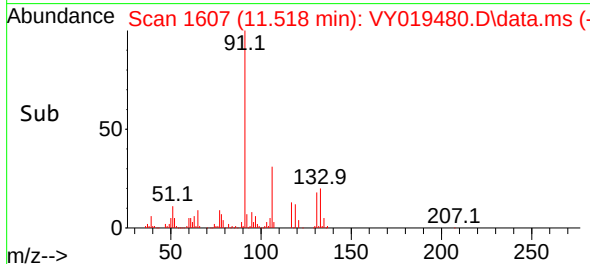
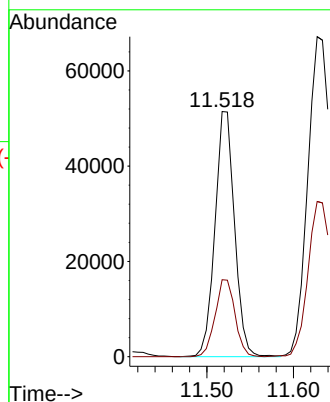
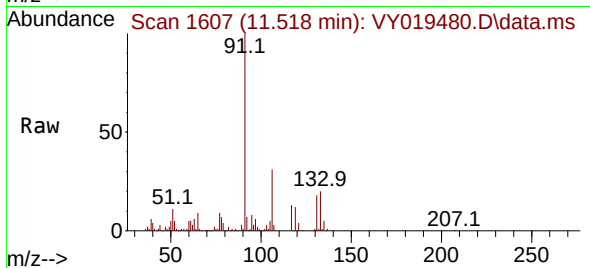
106 31.4 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2024

Supervised By :Mahesh Dadoda 09/11/2024



#68

m/p-Xylenes

Concen: 5.927 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY019480.D

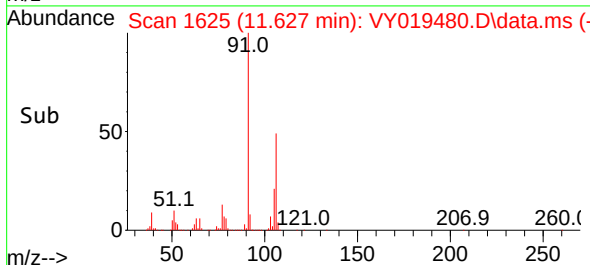
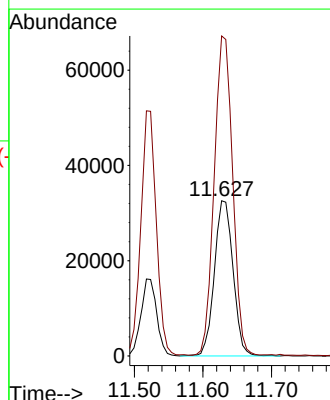
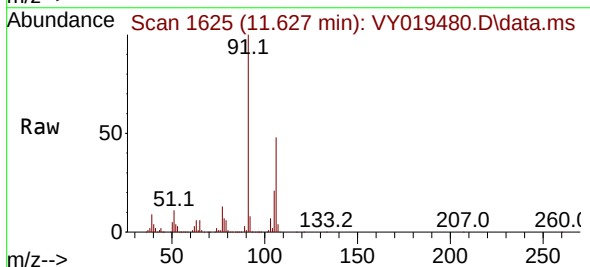
Acq: 10 Sep 2024 11:10

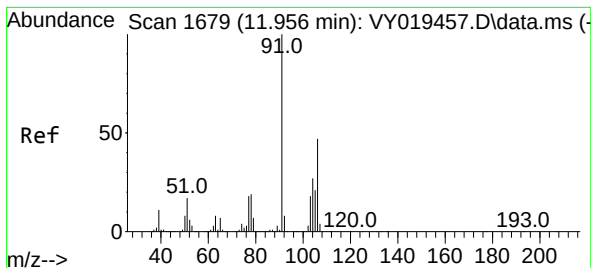
Tgt Ion:106 Resp: 61610

Ion Ratio Lower Upper

106 100

91 203.1 156.0 234.0





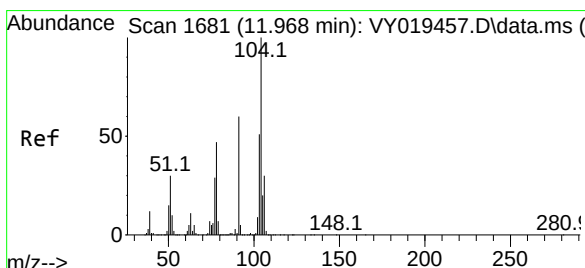
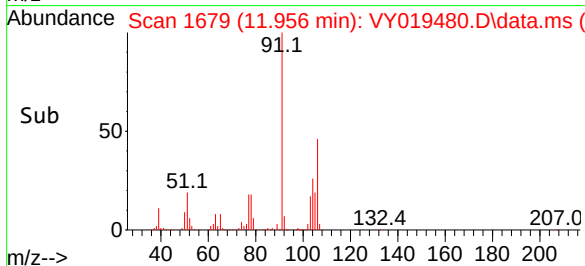
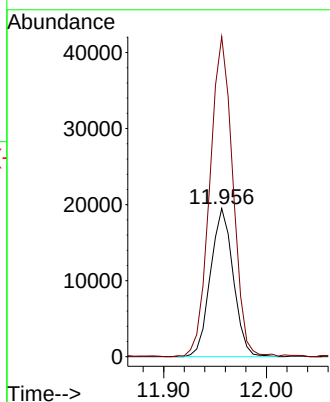
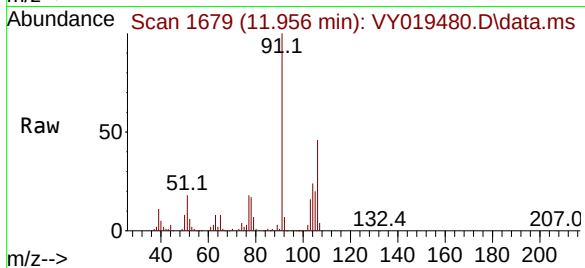
#69
o-Xylene
Concen: 2.951 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY019480.D
Acq: 10 Sep 2024 11:10

Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2024

Tgt Ion:106 Resp: 29998
Ion Ratio Lower Upper
106 100
91 219.1 103.6 310.8

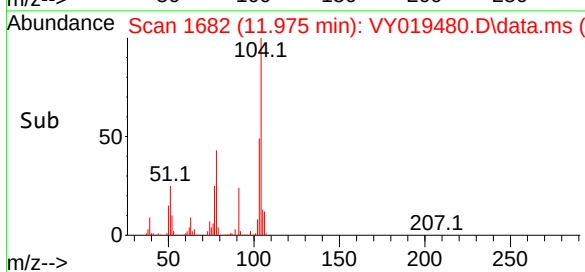
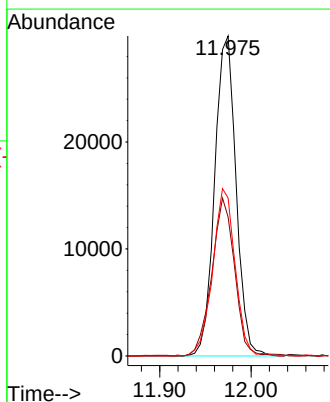
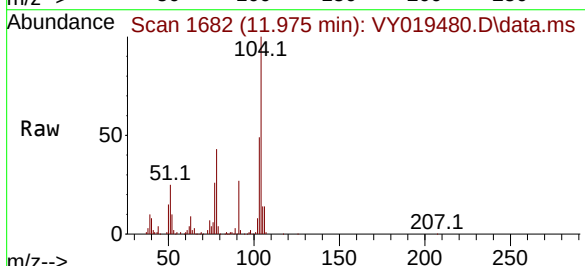
Manual Integrations
APPROVED

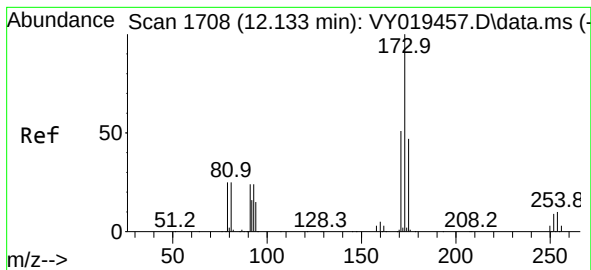
Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#70
Styrene
Concen: 2.831 ug/l
RT: 11.975 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VY019480.D
Acq: 10 Sep 2024 11:10

Tgt Ion:104 Resp: 48598
Ion Ratio Lower Upper
104 100
78 52.5 37.0 55.4
103 55.1 44.2 66.2





#71

Bromoform

Concen: 2.975 ug/l

RT: 12.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019480.D

Acq: 10 Sep 2024 11:10

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2024

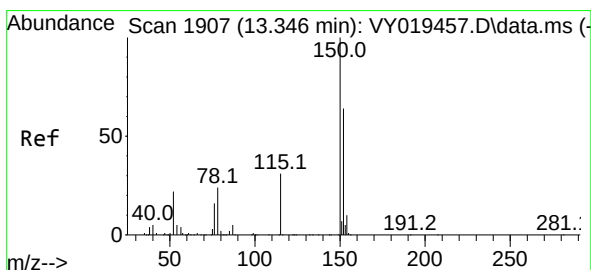
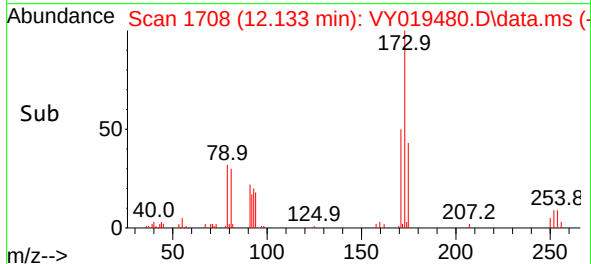
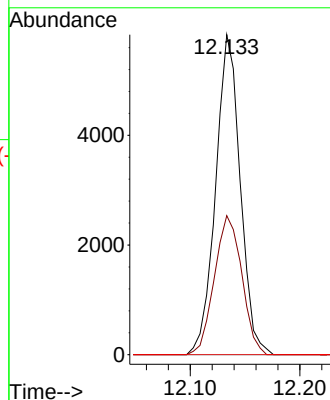
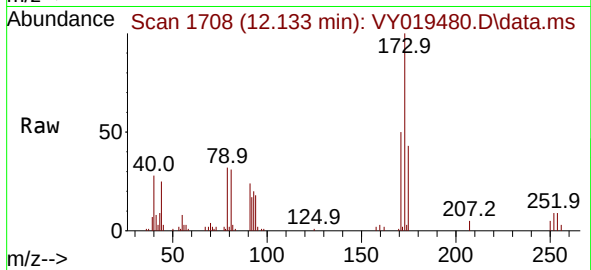
Tgt Ion:173	Resp:	9104
Ion Ratio	Lower	Upper
173	100	
175	48.3	25.1 75.3
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2024

Supervised By :Mahesh Dadoda 09/11/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

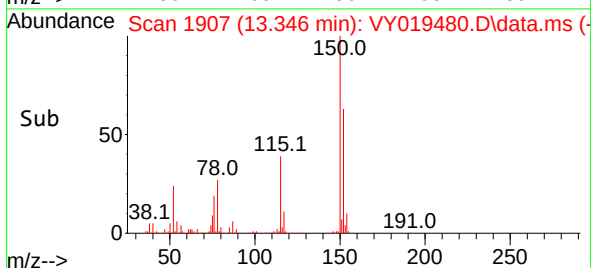
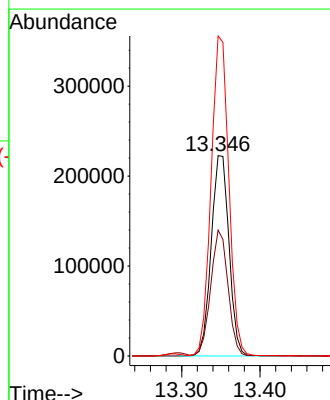
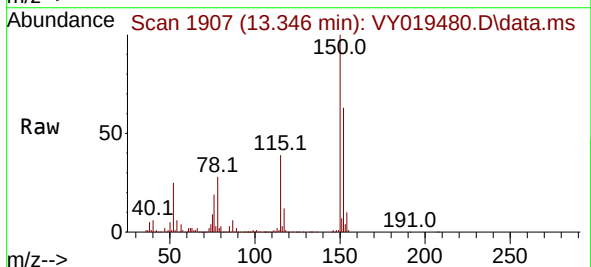
RT: 13.346 min Scan# 1907

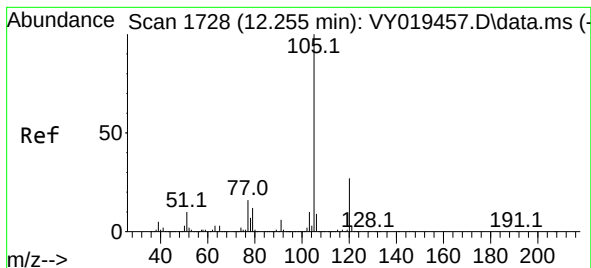
Delta R.T. 0.000 min

Lab File: VY019480.D

Acq: 10 Sep 2024 11:10

Tgt Ion:152	Resp:	350842
Ion Ratio	Lower	Upper
152	100	
115	61.1	28.2 84.7
150	159.2	0.0 345.6





#73

Isopropylbenzene

Concen: 3.155 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. 0.000 min

Lab File: VY019480.D

Acq: 10 Sep 2024 11:10

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2024

Tgt Ion:105 Resp: 8030

Ion Ratio Lower Upper

105 100

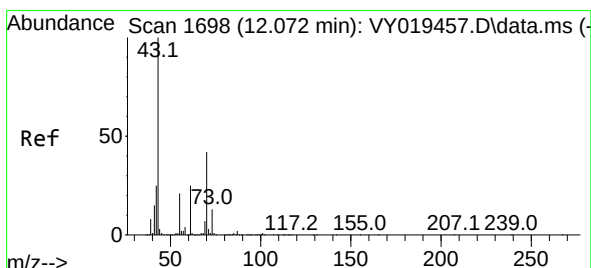
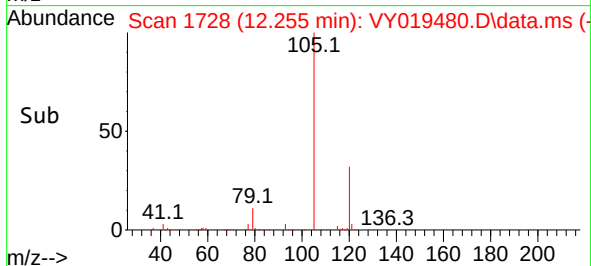
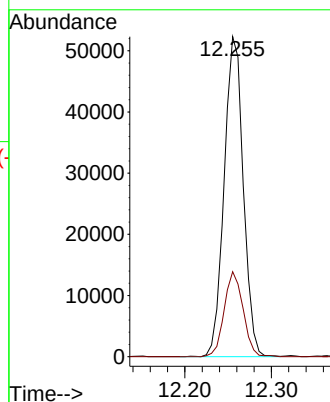
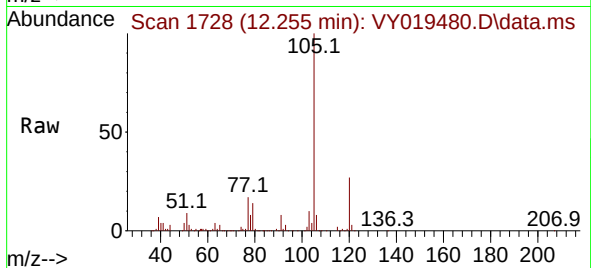
120 26.2 13.4 40.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2024

Supervised By :Mahesh Dadoda 09/11/2024



#74

N-ethyl acetate

Concen: 2.977 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY019480.D

Acq: 10 Sep 2024 11:10

Tgt Ion: 43 Resp: 20607

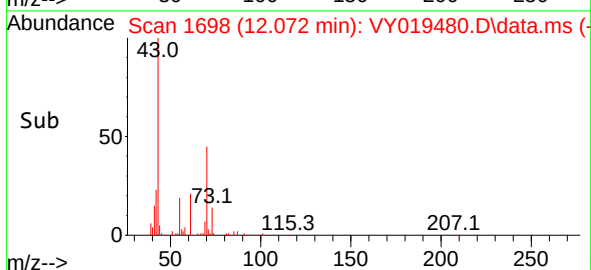
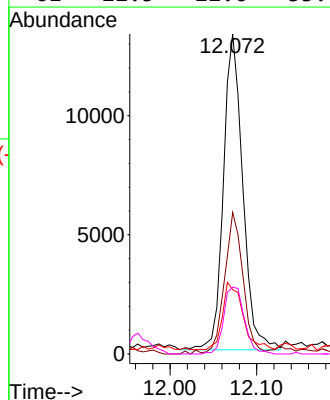
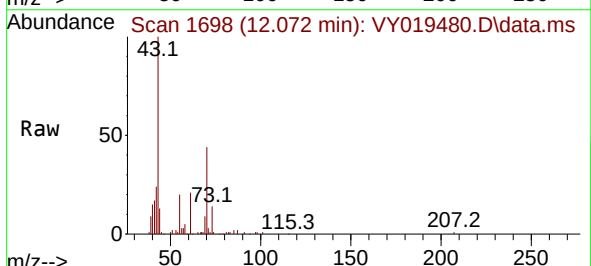
Ion Ratio Lower Upper

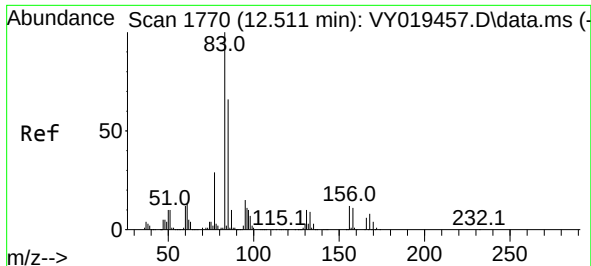
43 100

70 43.1 41.4 62.2

55 22.0 23.3 34.9#

61 22.5 22.6 33.8#





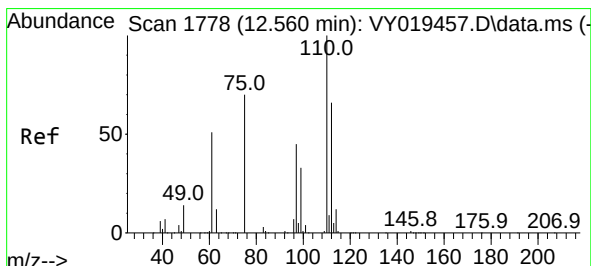
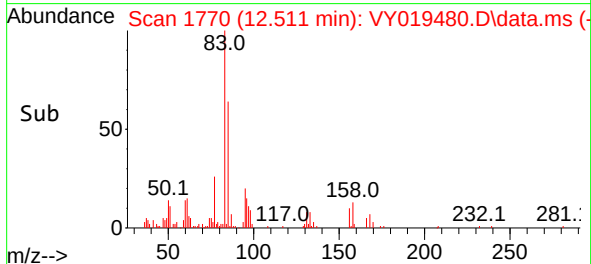
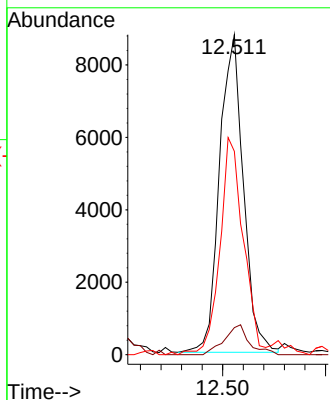
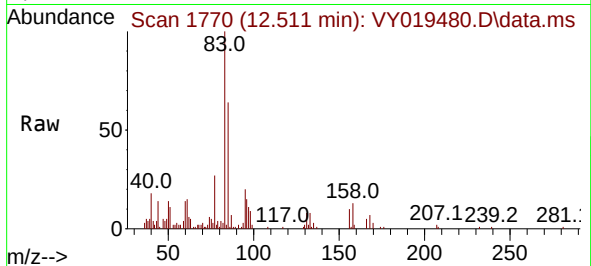
#75
1,1,2,2-Tetrachloroethane
Concen: 3.120 ug/l
RT: 12.511 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY019480.D
Acq: 10 Sep 2024 11:10

Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2024

Tgt Ion: 83 Resp: 1409
Ion Ratio Lower Upper
83 100
131 9.8 5.0 14.9
85 67.5 32.0 96.0

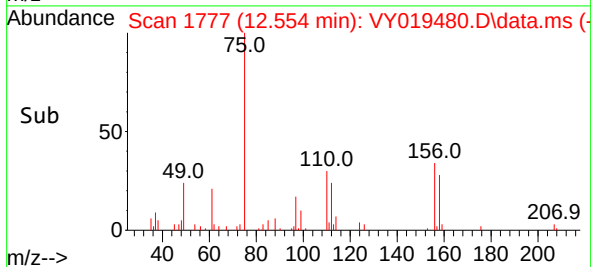
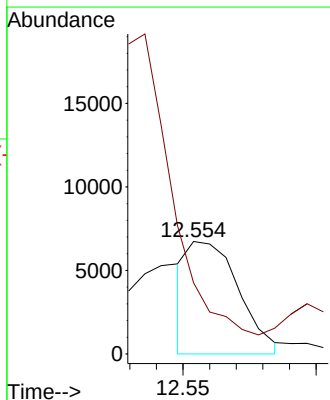
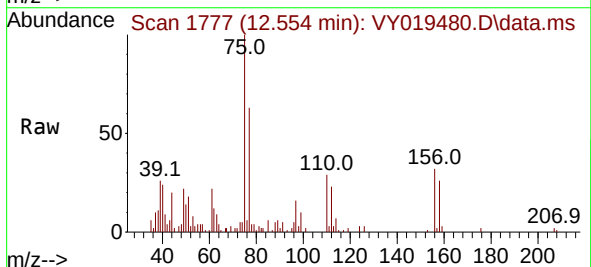
Manual Integrations
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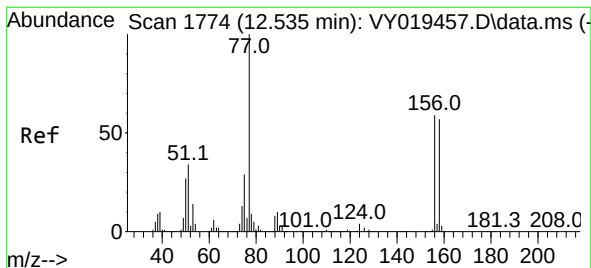
Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#76
1,2,3-Trichloropropane
Concen: 2.739 ug/l m
RT: 12.554 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VY019480.D
Acq: 10 Sep 2024 11:10

Tgt Ion: 75 Resp: 9006
Ion Ratio Lower Upper
75 100
77 376.1 0.0 0.0#





#77

Bromobenzene

Concen: 3.044 ug/l

RT: 12.536 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY019480.D

Acq: 10 Sep 2024 11:10

Instrument :

MSVOA_Y

ClientSampleId :

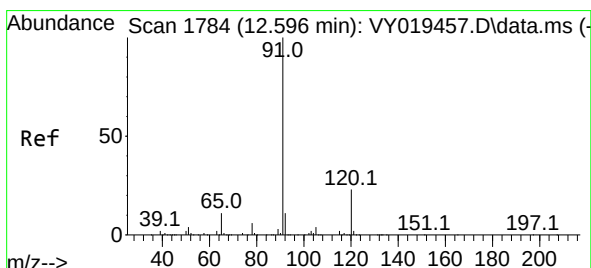
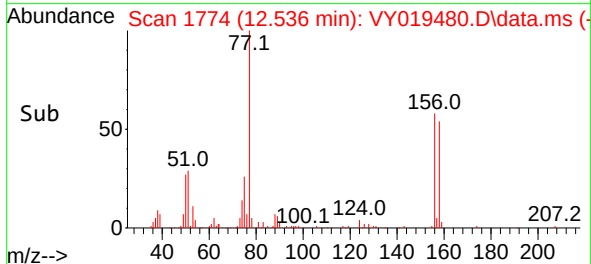
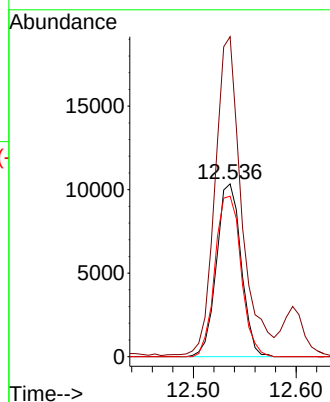
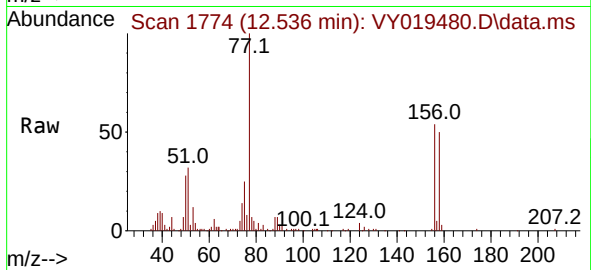
LOD-MDL-SOIL-01-QT3-2024

Tgt Ion:	156	Resp:	17180
Ion Ratio	Lower	Upper	
156	100		
77	197.1	87.1	261.3
158	98.2	48.6	145.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#78

n-propylbenzene

Concen: 3.196 ug/l

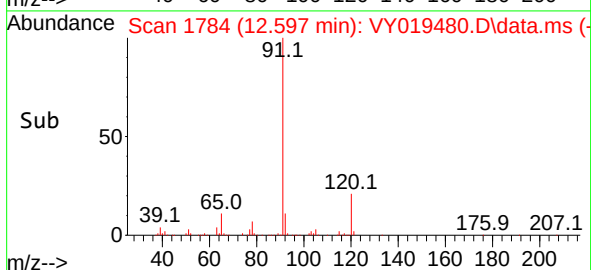
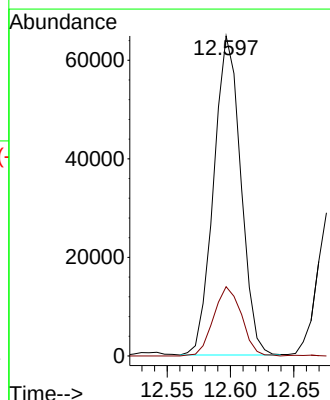
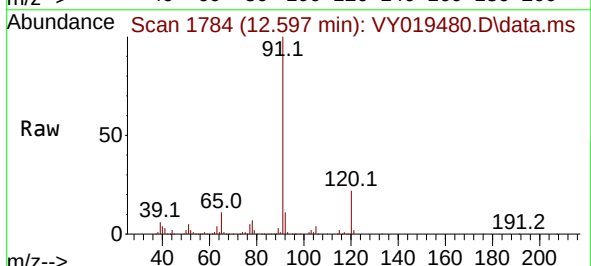
RT: 12.597 min Scan# 1784

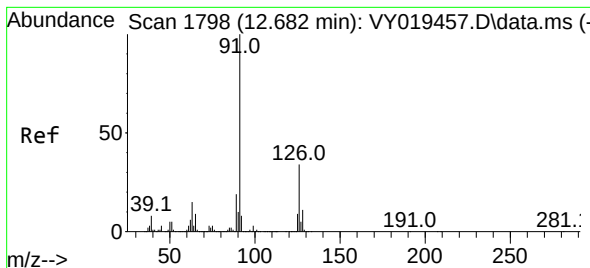
Delta R.T. 0.000 min

Lab File: VY019480.D

Acq: 10 Sep 2024 11:10

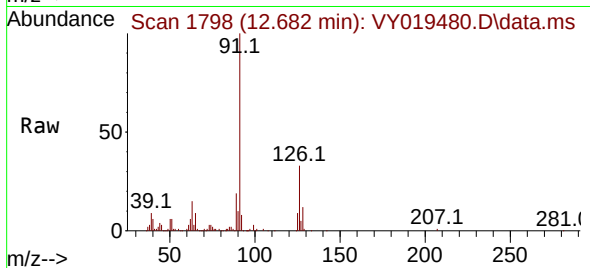
Tgt Ion:	91	Resp:	96429
Ion Ratio	Lower	Upper	
91	100		
120	22.3	11.5	34.4





#79
2-Chlorotoluene
Concen: 3.228 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY019480.D
Acq: 10 Sep 2024 11:10

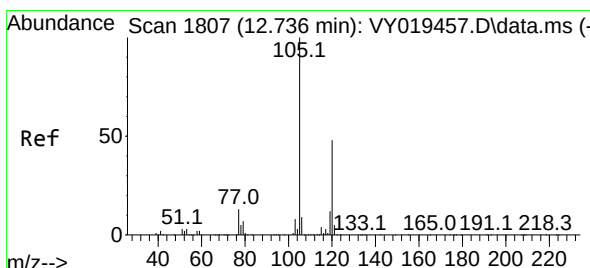
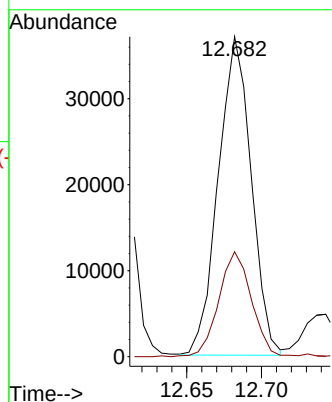
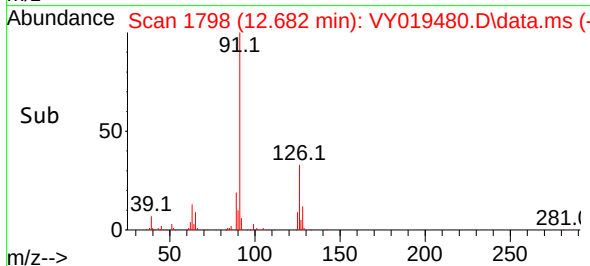
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



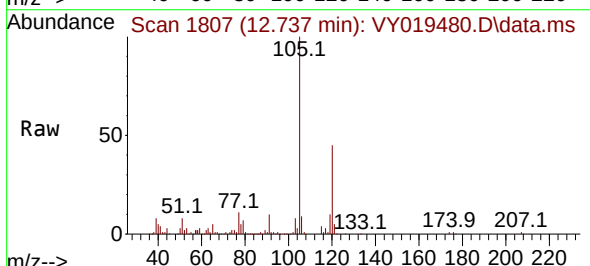
Tgt Ion: 91 Resp: 56758
Ion Ratio Lower Upper
91 100
126 32.7 17.8 53.5

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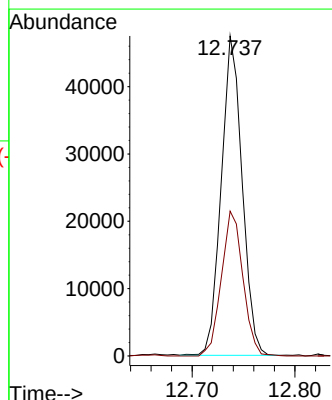
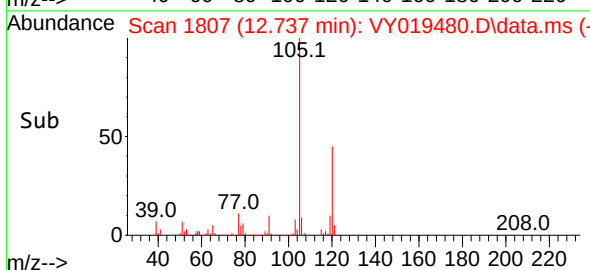
Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024

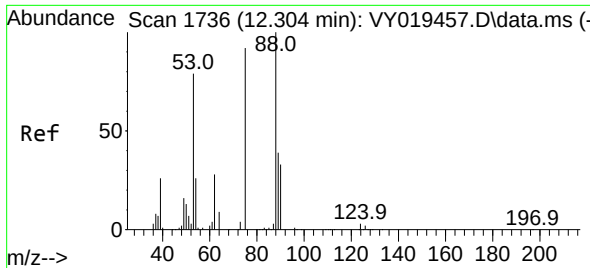


#80
1,3,5-Trimethylbenzene
Concen: 3.229 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY019480.D
Acq: 10 Sep 2024 11:10



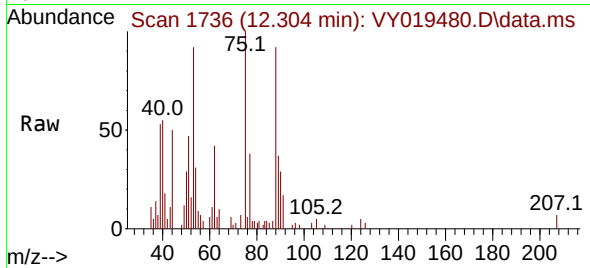
Tgt Ion:105 Resp: 66814
Ion Ratio Lower Upper
105 100
120 46.8 25.1 75.2





#81
trans-1,4-Dichloro-2-butene
Concen: 2.848 ug/l m
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY019480.D
Acq: 10 Sep 2024 11:10

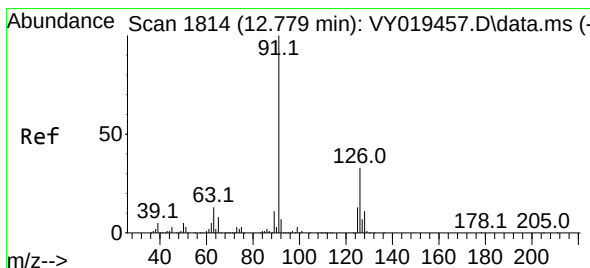
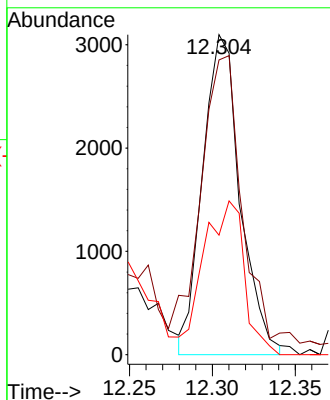
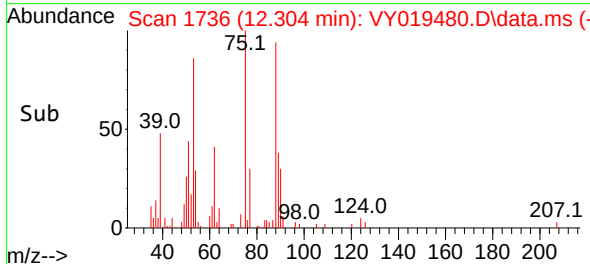
Instrument :
MSVOA_Y
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2024



Tgt Ion: 75 Resp: 4879
Ion Ratio Lower Upper
75 100
53 4.2 66.8 100.2
89 0.0 35.8 53.6

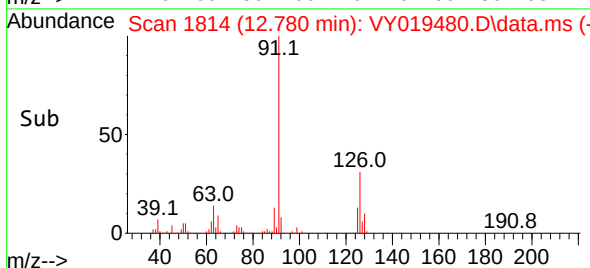
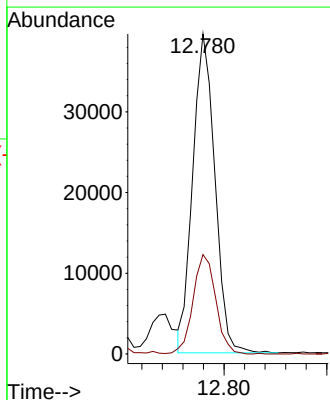
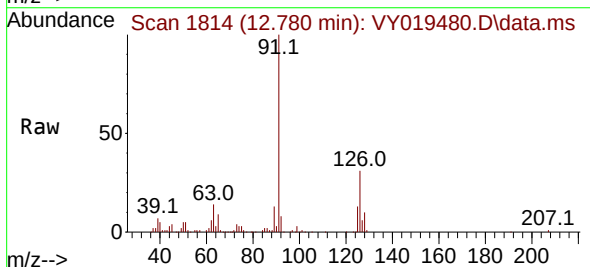
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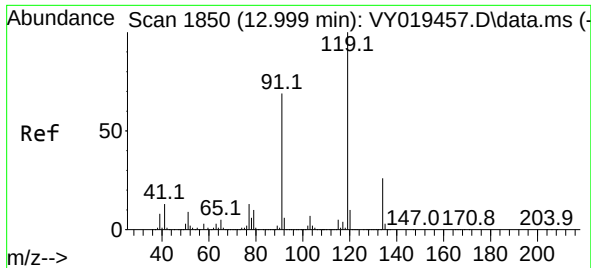
Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#82
4-Chlorotoluene
Concen: 3.272 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY019480.D
Acq: 10 Sep 2024 11:10

Tgt Ion: 91 Resp: 59135
Ion Ratio Lower Upper
91 100
126 31.9 17.6 52.9





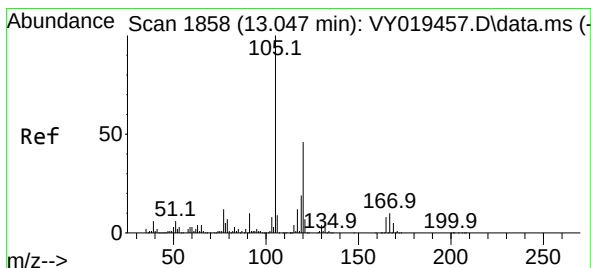
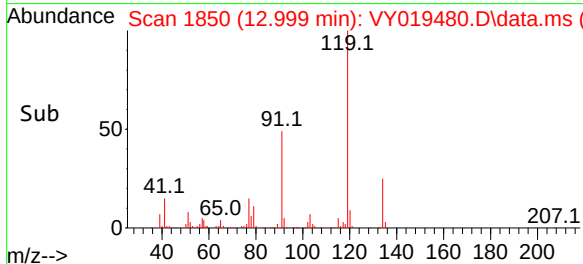
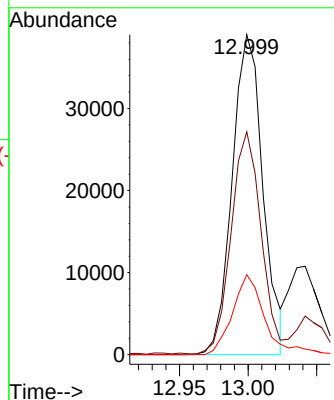
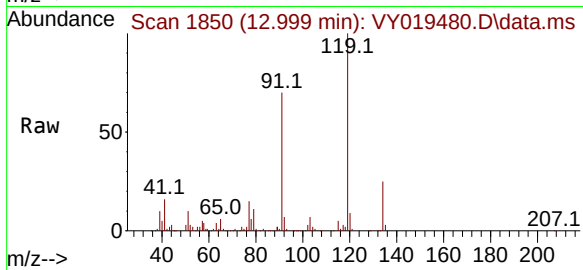
#83
tert-Butylbenzene
Concen: 3.244 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VY019480.D
Acq: 10 Sep 2024 11:10

Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2024

Tgt Ion:119 Resp: 60764
Ion Ratio Lower Upper
119 100
91 68.3 31.3 93.8
134 26.3 13.4 40.1

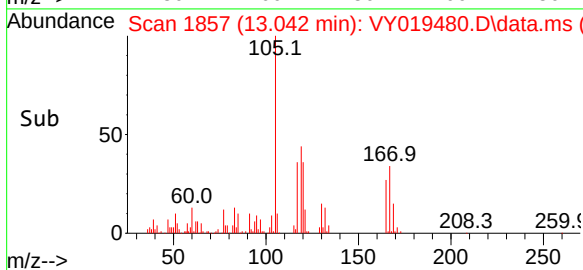
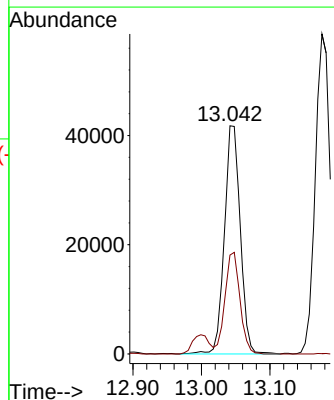
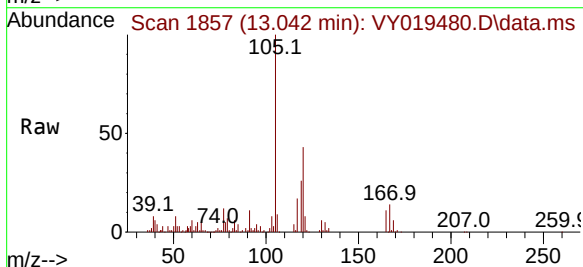
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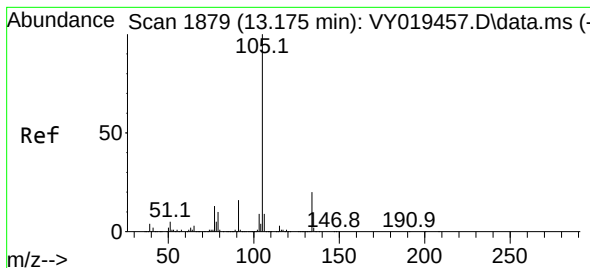
Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#84
1,2,4-Trimethylbenzene
Concen: 3.274 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.006 min
Lab File: VY019480.D
Acq: 10 Sep 2024 11:10

Tgt Ion:105 Resp: 67059
Ion Ratio Lower Upper
105 100
120 42.0 23.2 69.6





#85

sec-Butylbenzene

Concen: 3.286 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY019480.D

Acq: 10 Sep 2024 11:10

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2024

Tgt Ion:105 Resp: 89434

Ion Ratio Lower Upper

105 100

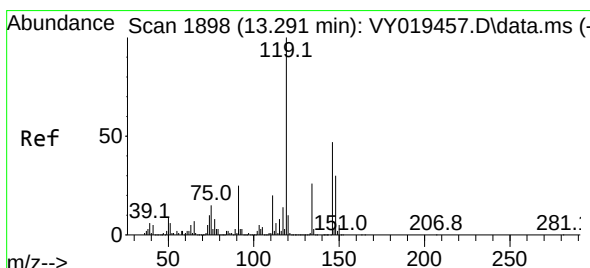
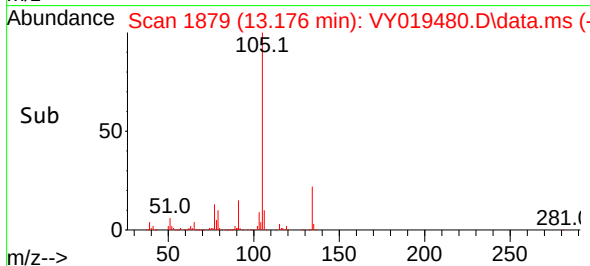
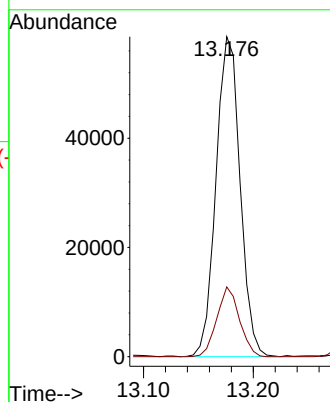
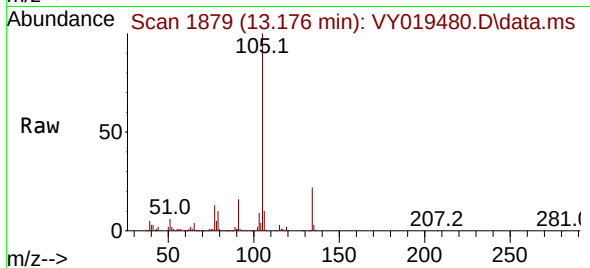
134 20.5 10.1 30.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2024

Supervised By :Mahesh Dadoda 09/11/2024



#86

p-Isopropyltoluene

Concen: 3.258 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY019480.D

Acq: 10 Sep 2024 11:10

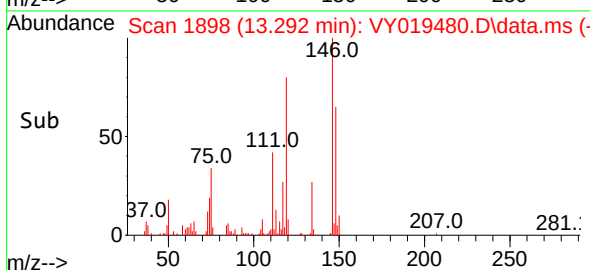
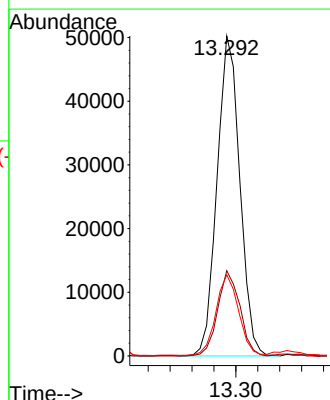
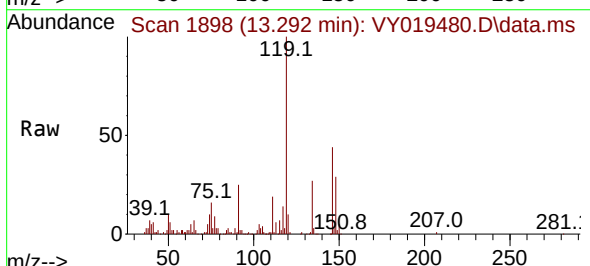
Tgt Ion:119 Resp: 72539

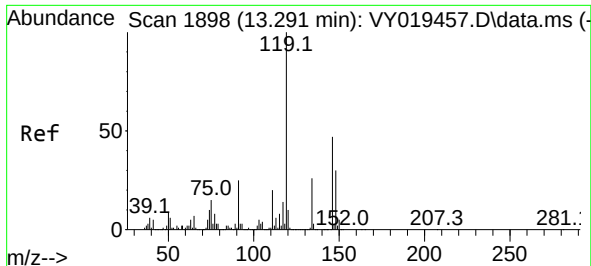
Ion Ratio Lower Upper

119 100

134 25.9 13.1 39.3

91 24.9 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 3.150 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY019480.D

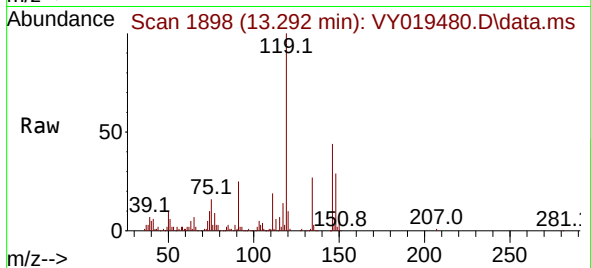
Acq: 10 Sep 2024 11:10

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2024

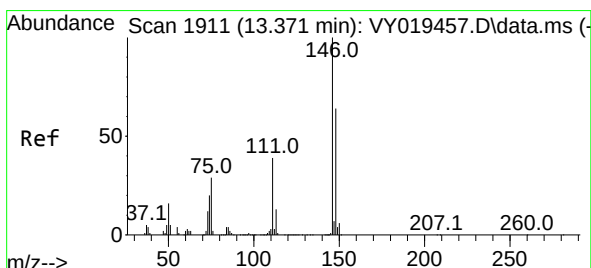
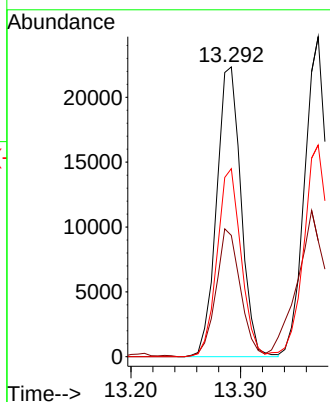
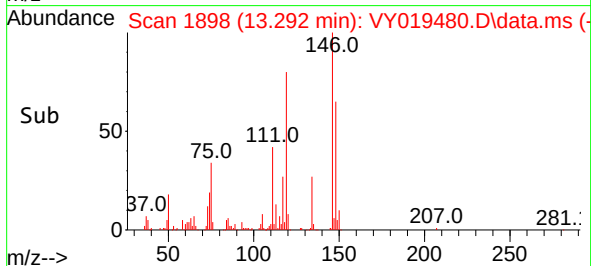


Tgt Ion:	146	Resp:	3454
Ion Ratio	Lower	Upper	
146	100		
111	44.0	19.0	57.0
148	64.3	31.7	95.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#88

1,4-Dichlorobenzene

Concen: 3.316 ug/l m

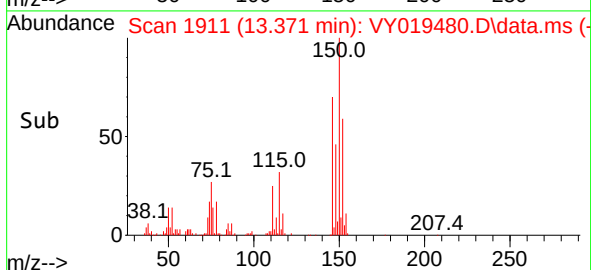
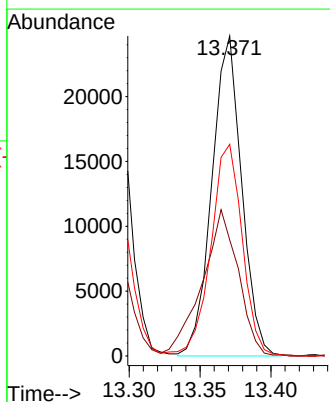
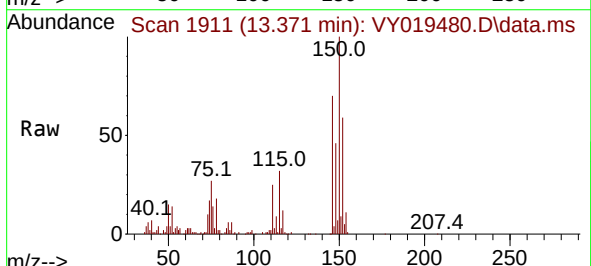
RT: 13.371 min Scan# 1911

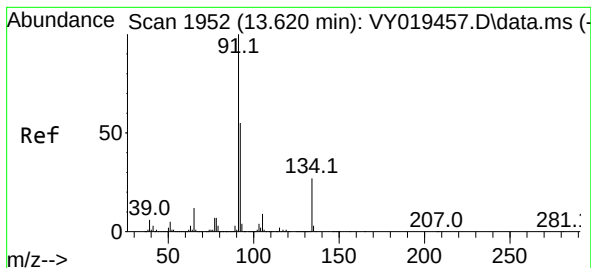
Delta R.T. 0.000 min

Lab File: VY019480.D

Acq: 10 Sep 2024 11:10

Tgt Ion:	146	Resp:	36100
Ion Ratio	Lower	Upper	
146	100		
111	42.1	18.4	55.4
148	61.5	32.4	97.2





#89

n-Butylbenzene

Concen: 3.256 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VY019480.D

Acq: 10 Sep 2024 11:10

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2024

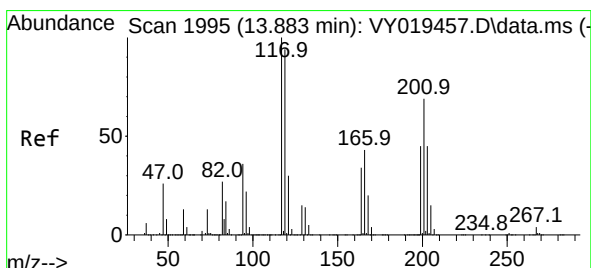
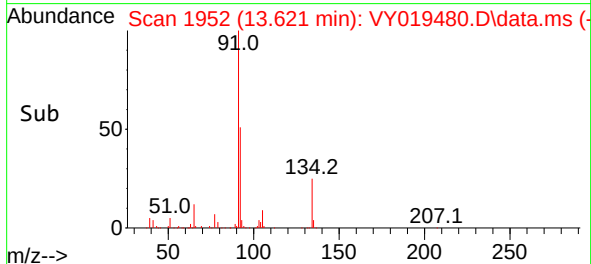
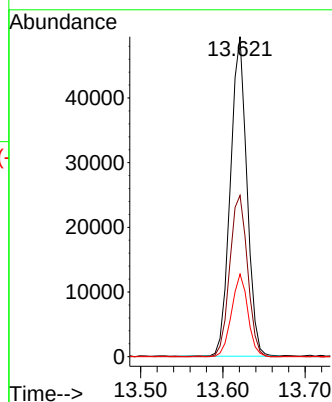
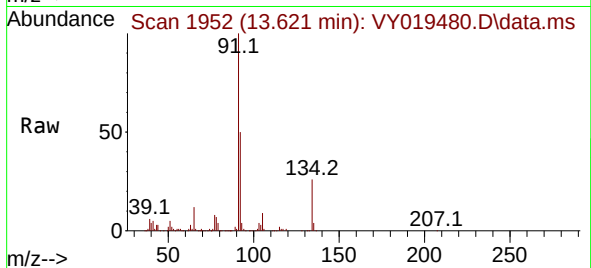
Tgt Ion: 91	Resp: 6929
Ion Ratio	Lower Upper
91	100
92	54.1 26.6 79.7
134	25.5 12.9 38.7

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 09/11/2024

Supervised By :Mahesh Dadoda 09/11/2024



#90

Hexachloroethane

Concen: 3.377 ug/l

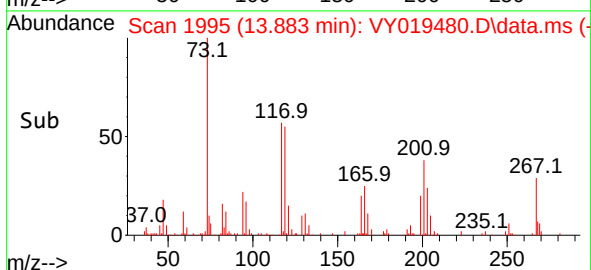
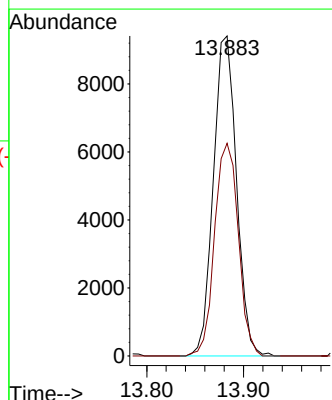
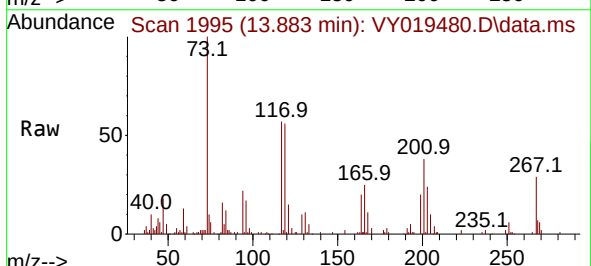
RT: 13.883 min Scan# 1995

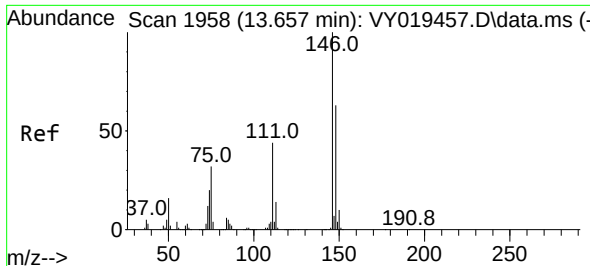
Delta R.T. 0.000 min

Lab File: VY019480.D

Acq: 10 Sep 2024 11:10

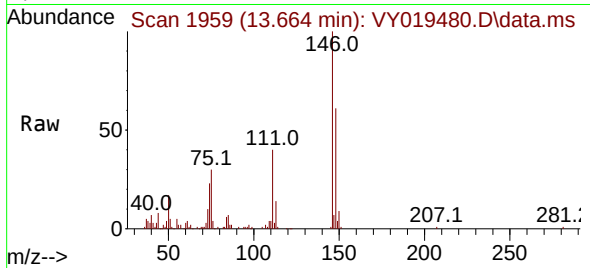
Tgt Ion:117	Resp: 15646
Ion Ratio	Lower Upper
117	100
201	68.1 37.4 112.2





#91
1,2-Dichlorobenzene
Concen: 3.230 ug/l
RT: 13.664 min Scan# 1959
Delta R.T. 0.006 min
Lab File: VY019480.D
Acq: 10 Sep 2024 11:10

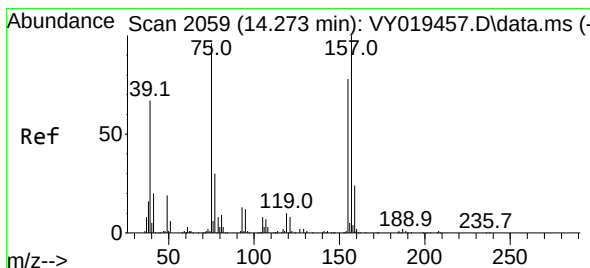
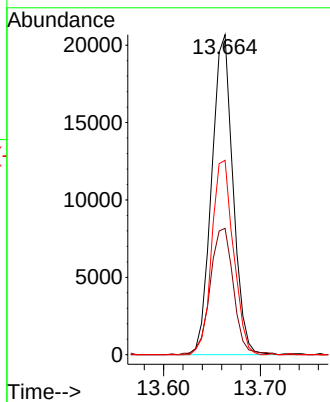
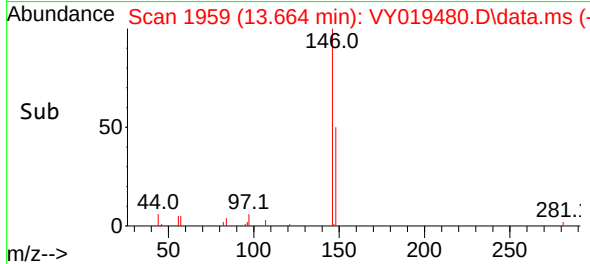
Instrument : MSVOA_Y
ClientSampleId : LOD-MDL-SOIL-01-QT3-2024



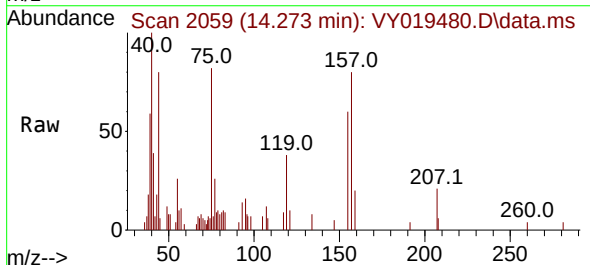
Tgt Ion:146 Resp: 31620
Ion Ratio Lower Upper
146 100
111 43.2 19.9 59.7
148 61.8 31.8 95.4

Manual Integrations
APPROVED

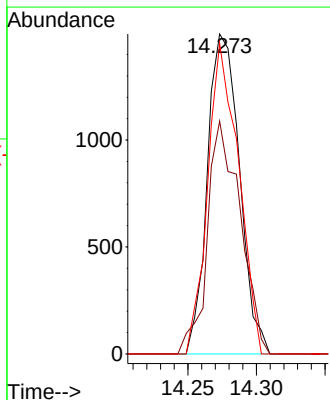
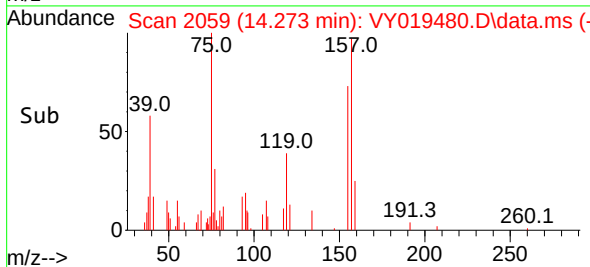
Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024

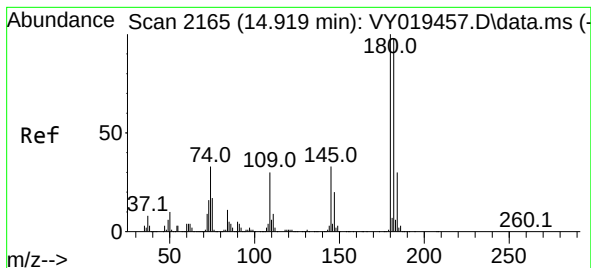


#92
1,2-Dibromo-3-Chloropropane
Concen: 3.241 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY019480.D
Acq: 10 Sep 2024 11:10



Tgt Ion: 75 Resp: 2440
Ion Ratio Lower Upper
75 100
155 74.4 48.6 145.8
157 93.3 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 2.996 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY019480.D

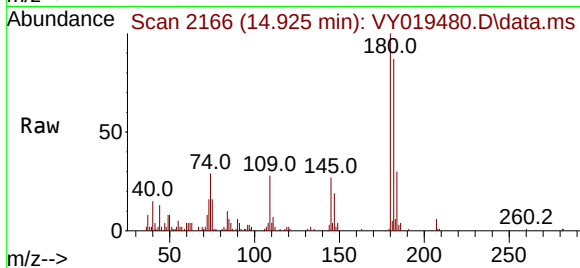
Acq: 10 Sep 2024 11:10

Instrument :

MSVOA_Y

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2024

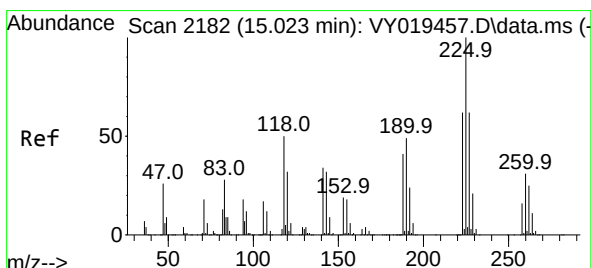
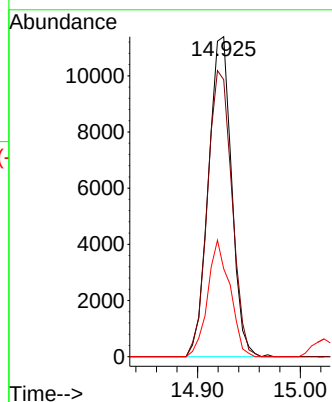
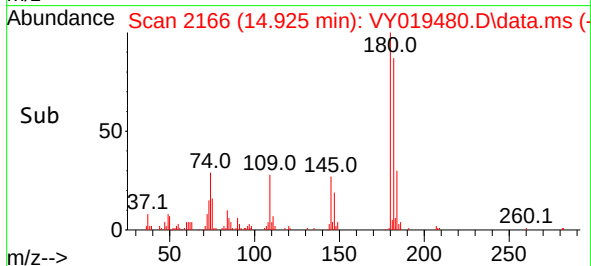


Tgt Ion:180	Resp:	1783
Ion Ratio	Lower	Upper
180	100	
182	94.0	47.9 143.8
145	34.9	14.2 42.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#94

Hexachlorobutadiene

Concen: 3.228 ug/l

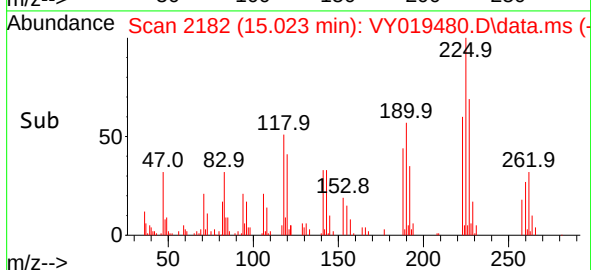
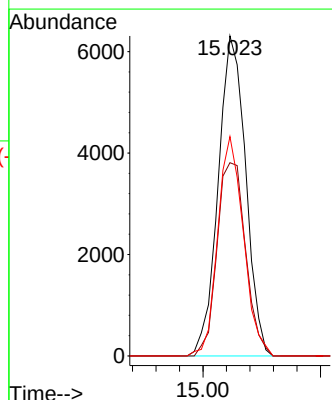
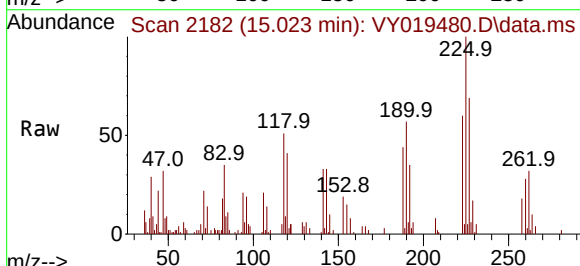
RT: 15.023 min Scan# 2182

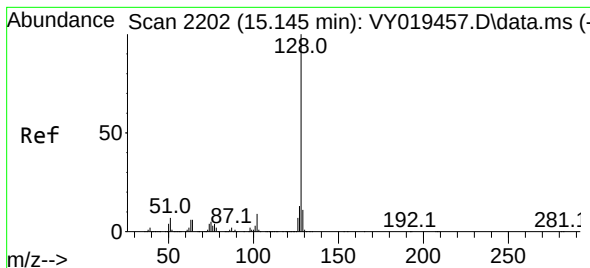
Delta R.T. 0.000 min

Lab File: VY019480.D

Acq: 10 Sep 2024 11:10

Tgt Ion:225	Resp:	10265
Ion Ratio	Lower	Upper
225	100	
223	62.7	30.4 91.2
227	64.1	31.9 95.9





#95

Naphthalene

Concen: 2.875 ug/l

RT: 15.145 min Scan# 2202

Delta R.T. 0.000 min

Lab File: VY019480.D

Acq: 10 Sep 2024 11:10

Instrument :

MSVOA_Y

ClientSampleId :

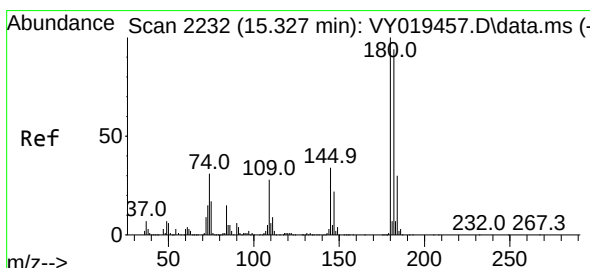
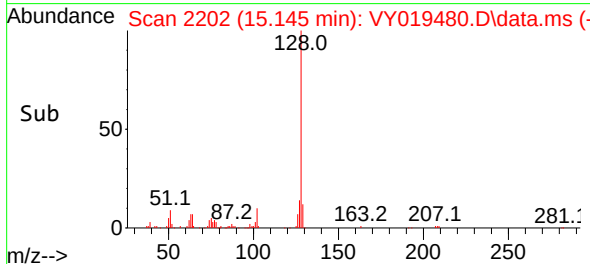
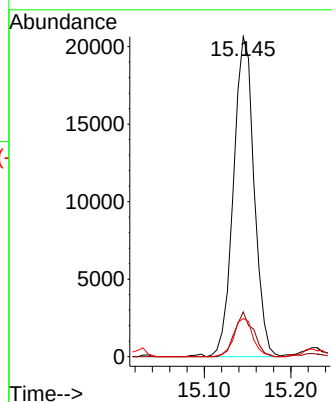
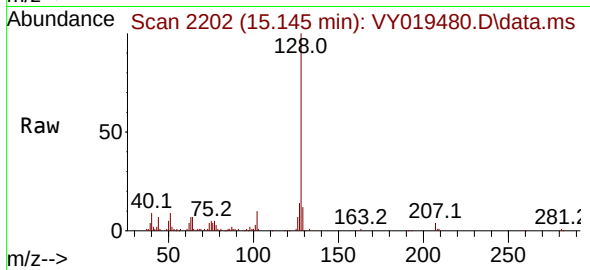
LOD-MDL-SOIL-01-QT3-2024

Tgt Ion:	128	Resp:	3427
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.6	16.0
129	11.3	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2024
Supervised By :Mahesh Dadoda 09/11/2024



#96

1,2,3-Trichlorobenzene

Concen: 3.216 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY019480.D

Acq: 10 Sep 2024 11:10

Tgt Ion:	180	Resp:	16379
Ion Ratio	Lower	Upper	
180	100		
182	91.9	47.6	142.9
145	34.4	15.4	46.1

