

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091224\
 Data File : VY019524.D
 Acq On : 12 Sep 2024 13:05
 Operator : SY/MD
 Sample : P3390-03 4 PPB
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL-SOIL-03-QT3-2024

Quant Time: Sep 13 02:25:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 13 02:24:18 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/13/2024
 Supervised By :Semsettin Yesilyurt 09/13/2024

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	436191	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	750794	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	626771	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	287262	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	244053	60.424	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 120.840%			
35) Dibromofluoromethane	7.634	113	241134	56.646	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.300%			
50) Toluene-d8	10.109	98	898157	57.043	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 114.080%			
62) 4-Bromofluorobenzene	12.407	95	315402	52.097	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 104.200%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	9425	3.418	ug/l	93
3) Chloromethane	2.068	50	10362	2.871	ug/l	92
4) Vinyl Chloride	2.202	62	12473	3.196	ug/l	99
5) Bromomethane	2.598	94	9266	3.866	ug/l	97
6) Chloroethane	2.738	64	9083	3.560	ug/l	99
7) Trichlorofluoromethane	3.062	101	24679	3.794	ug/l	100
8) Diethyl Ether	3.458	74	8382	3.839	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.811	101	15013	3.731	ug/l	97
10) Methyl Iodide	4.007	142	15283	2.962	ug/l	92
11) Tert butyl alcohol	4.860	59	7899	24.216	ug/l	# 79
12) 1,1-Dichloroethene	3.787	96	12534	3.239	ug/l	86
13) Acrolein	3.647	56	9335	53.371	ug/l	# 82
14) Allyl chloride	4.378	41	22422	3.231	ug/l	# 92
15) Acrylonitrile	5.061	53	19816	21.047	ug/l	99
16) Acetone	3.866	43	18021	18.728	ug/l	# 80
17) Carbon Disulfide	4.110	76	16819	1.609	ug/l	97
18) Methyl Acetate	4.391	43	13908	5.326	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	46458	4.239	ug/l	98
20) Methylene Chloride	4.610	84	26866	6.122	ug/l	# 86
21) trans-1,2-Dichloroethene	5.116	96	13723	3.235	ug/l	95
22) Diisopropyl ether	6.018	45	58372	4.096	ug/l	# 92
23) Vinyl Acetate	5.957	43	190532	23.406	ug/l	# 93
24) 1,1-Dichloroethane	5.915	63	31162	3.897	ug/l	97
25) 2-Butanone	6.890	43	25312	18.495	ug/l	# 84
26) 2,2-Dichloropropane	6.878	77	28983	4.018	ug/l	98
27) cis-1,2-Dichloroethene	6.884	96	19787	3.840	ug/l	89
28) Bromochloromethane	7.238	49	13741	4.084	ug/l	86
29) Tetrahydrofuran	7.256	42	17729	21.306	ug/l	# 83
30) Chloroform	7.414	83	35369	4.332	ug/l	90
31) Cyclohexane	7.695	56	27899	3.860	ug/l	# 78
32) 1,1,1-Trichloroethane	7.616	97	29929	4.090	ug/l	95
36) 1,1-Dichloropropene	7.835	75	19473	3.362	ug/l	99
37) Ethyl Acetate	6.988	43	12603	4.246	ug/l	# 92
38) Carbon Tetrachloride	7.811	117	23904	3.660	ug/l	94
39) Methylcyclohexane	9.109	83	22546	2.925	ug/l	94
40) Benzene	8.079	78	65109	3.649	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091224\
 Data File : VY019524.D
 Acq On : 12 Sep 2024 13:05
 Operator : SY/MD
 Sample : P3390-03 4 PPB
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL-SOIL-03-QT3-2024

Quant Time: Sep 13 02:25:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 13 02:24:18 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/13/2024
 Supervised By :Semsettin Yesilyurt 09/13/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	6045	3.494	ug/l	95
42) 1,2-Dichloroethane	8.152	62	20377	4.245	ug/l	98
43) Isopropyl Acetate	8.195	43	25911	4.156	ug/l	91
44) Trichloroethene	8.865	130	15905	3.466	ug/l	85
45) 1,2-Dichloropropane	9.140	63	17313	3.969	ug/l	92
46) Dibromomethane	9.231	93	9928	4.162	ug/l	87
47) Bromodichloromethane	9.420	83	26918	4.198	ug/l	96
48) Methyl methacrylate	9.219	41	10494	3.564	ug/l	85
49) 1,4-Dioxane	9.237	88	2230	79.420	ug/l #	81
51) 4-Methyl-2-Pentanone	9.999	43	64648	20.609	ug/l	90
52) Toluene	10.170	92	42510	3.705	ug/l	97
53) t-1,3-Dichloropropene	10.396	75	23328	3.817	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	27353	3.843	ug/l #	85
55) 1,1,2-Trichloroethane	10.572	97	14621	4.439	ug/l	96
56) Ethyl methacrylate	10.438	69	20817	4.160	ug/l #	85
57) 1,3-Dichloropropane	10.719	76	22897	4.044	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	46747	20.130	ug/l	99
59) 2-Hexanone	10.761	43	45259	19.680	ug/l	87
60) Dibromochloromethane	10.908	129	17720	4.067	ug/l	96
61) 1,2-Dibromoethane	11.011	107	12142	3.956	ug/l	99
64) Tetrachloroethene	10.646	164	14811	3.816	ug/l	96
65) Chlorobenzene	11.438	112	50191	4.071	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	17549	4.111	ug/l	98
67) Ethyl Benzene	11.517	91	87061	3.974	ug/l	98
68) m/p-Xylenes	11.627	106	65501	7.908	ug/l	95
69) o-Xylene	11.956	106	32876	4.058	ug/l	96
70) Styrene	11.969	104	53276	3.895	ug/l	95
71) Bromoform	12.133	173	10233	4.197	ug/l #	99
73) Isopropylbenzene	12.255	105	87179	4.183	ug/l	98
74) N-amyl acetate	12.066	43	22799	4.023	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.505	83	17026	4.603	ug/l	96
76) 1,2,3-Trichloropropane	12.560	75	12837m	4.768	ug/l	
77) Bromobenzene	12.529	156	20016	4.331	ug/l	92
78) n-propylbenzene	12.596	91	101788	4.121	ug/l	100
79) 2-Chlorotoluene	12.676	91	59978	4.167	ug/l	96
80) 1,3,5-Trimethylbenzene	12.737	105	71153	4.200	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	5224	3.725	ug/l #	85
82) 4-Chlorotoluene	12.779	91	63342	4.280	ug/l	94
83) tert-Butylbenzene	12.993	119	66489	4.335	ug/l	96
84) 1,2,4-Trimethylbenzene	13.042	105	70401	4.198	ug/l	97
85) sec-Butylbenzene	13.176	105	94330	4.234	ug/l	100
86) p-Isopropyltoluene	13.291	119	74523	4.088	ug/l	95
87) 1,3-Dichlorobenzene	13.285	146	38452	4.281	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	38889	4.363	ug/l	92
89) n-Butylbenzene	13.615	91	70752	4.060	ug/l	98
90) Hexachloroethane	13.877	117	15607	4.115	ug/l	90
91) 1,2-Dichlorobenzene	13.657	146	33639	4.197	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.267	75	2547	4.131	ug/l	82
93) 1,2,4-Trichlorobenzene	14.919	180	18800	3.857	ug/l	95
94) Hexachlorobutadiene	15.023	225	10257	3.939	ug/l	98
95) Naphthalene	15.139	128	37063	3.797	ug/l	98
96) 1,2,3-Trichlorobenzene	15.328	180	16245	3.896	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091224\
Data File : VY019524.D
Acq On : 12 Sep 2024 13:05
Operator : SY/MD
Sample : P3390-03 4 PPB
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024

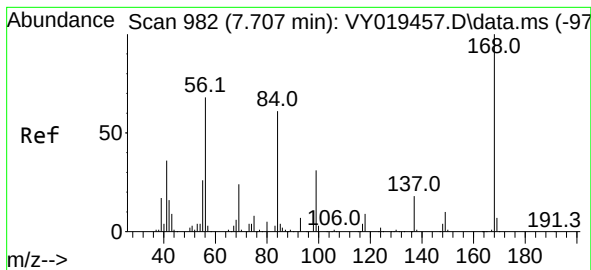
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 09/13/2024
Supervised By :Semsettin Yesilyurt 09/13/2024

Quant Time: Sep 13 02:25:36 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 13 02:24:18 2024
Response via : Initial Calibration

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

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.707 min Scan# 9

Delta R.T. 0.000 min

Lab File: VY019524.D

Acq: 12 Sep 2024 13:05

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT3-2024

Tgt Ion:168 Resp: 43619

Ion Ratio Lower Upper

168 100

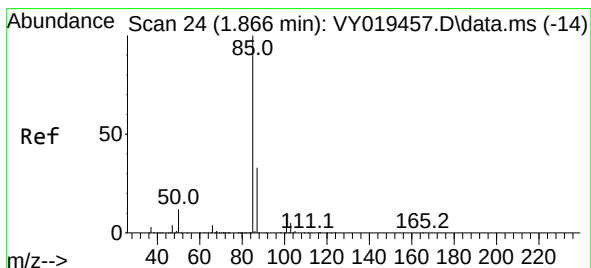
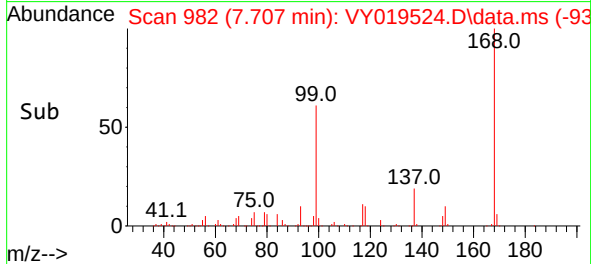
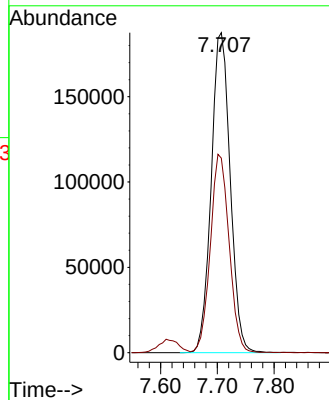
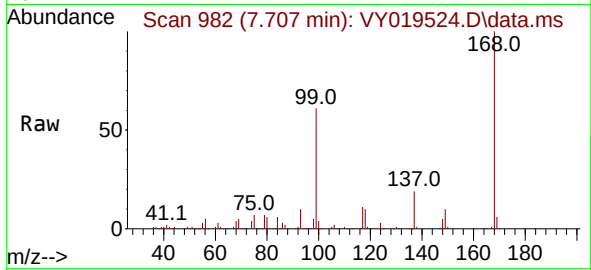
99 60.7 39.1 58.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/13/2024

Supervised By :Semsettin Yesilyurt 09/13/2024



#2

Dichlorodifluoromethane

Concen: 3.418 ug/l

RT: 1.867 min Scan# 24

Delta R.T. 0.001 min

Lab File: VY019524.D

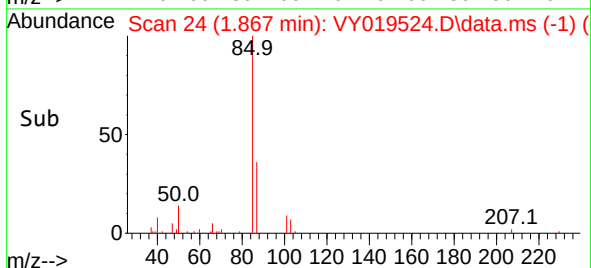
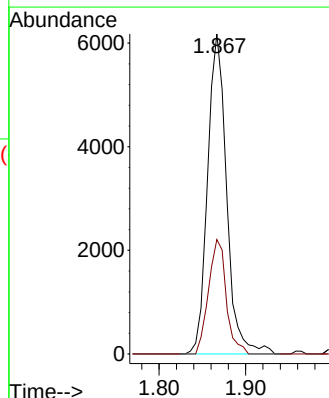
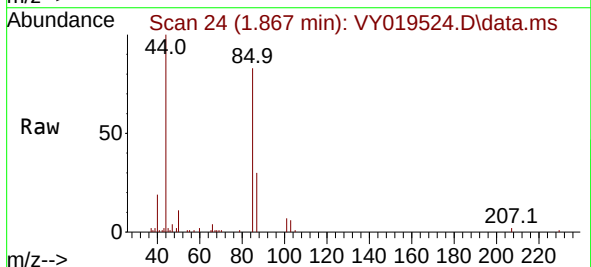
Acq: 12 Sep 2024 13:05

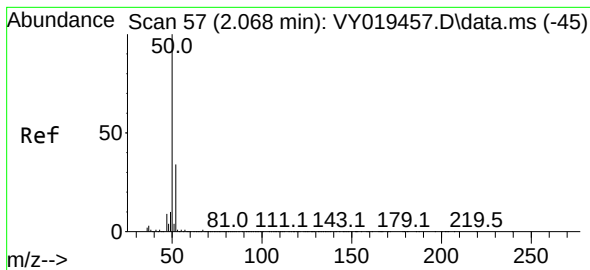
Tgt Ion: 85 Resp: 9425

Ion Ratio Lower Upper

85 100

87 35.8 16.0 48.0





#3

Chloromethane

Concen: 2.871 ug/l

RT: 2.068 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY019524.D

Acq: 12 Sep 2024 13:05

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT3-2024

Tgt Ion: 50 Resp: 10362

Ion Ratio Lower Upper

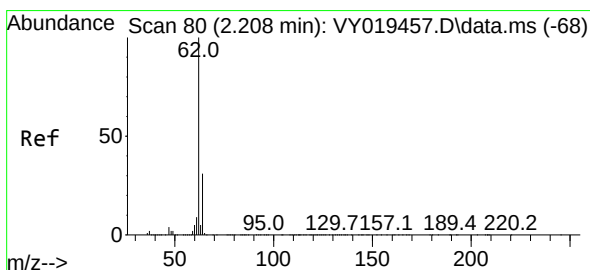
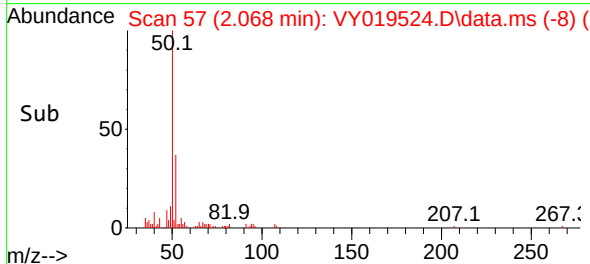
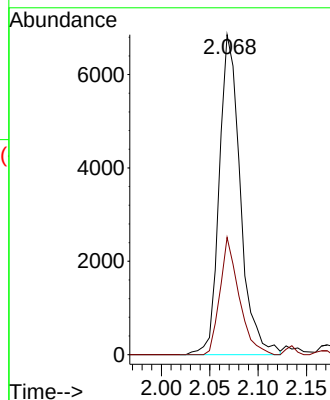
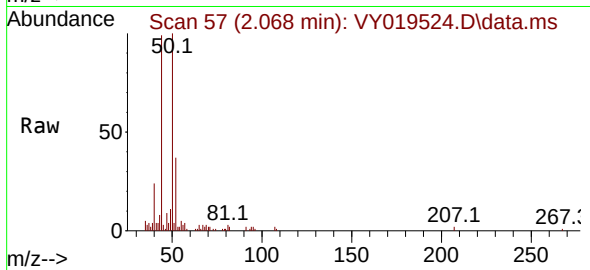
50 100

52 36.6 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/13/2024
Supervised By :Semsettin Yesilyurt 09/13/2024



#4

Vinyl Chloride

Concen: 3.196 ug/l

RT: 2.202 min Scan# 79

Delta R.T. -0.006 min

Lab File: VY019524.D

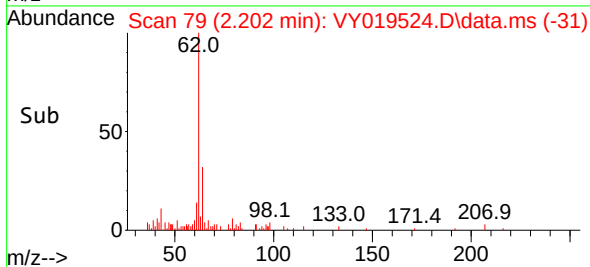
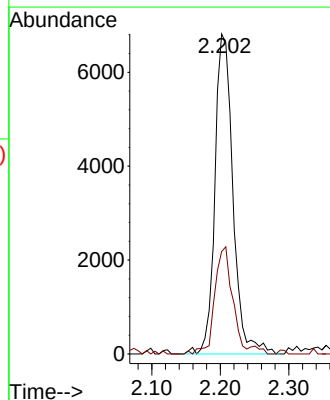
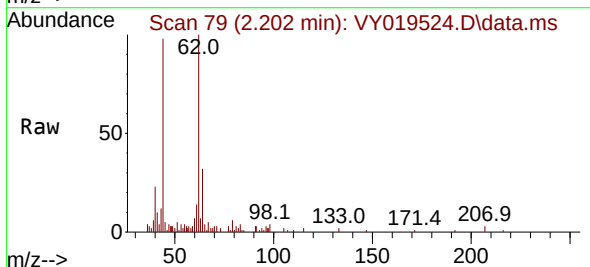
Acq: 12 Sep 2024 13:05

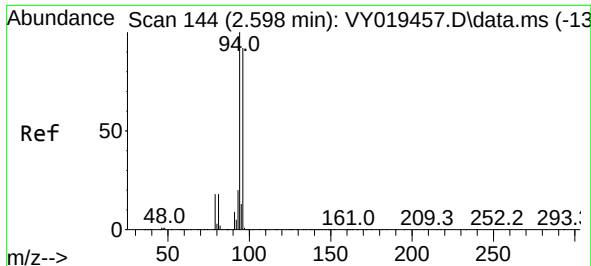
Tgt Ion: 62 Resp: 12473

Ion Ratio Lower Upper

62 100

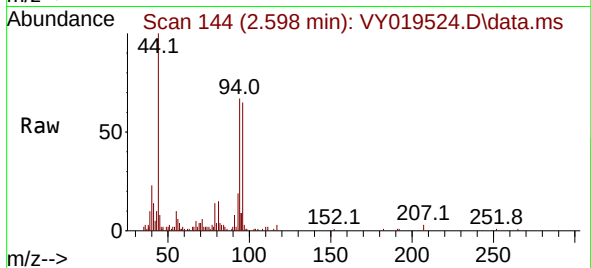
64 32.0 26.1 39.1





#5
Bromomethane
Concen: 3.866 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY019524.D
Acq: 12 Sep 2024 13:05

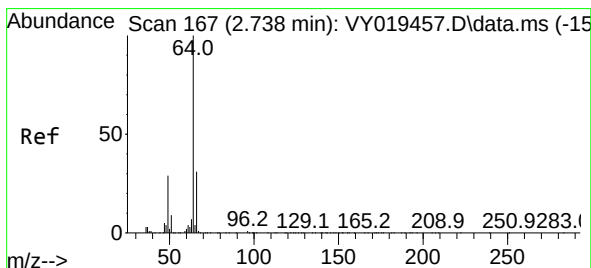
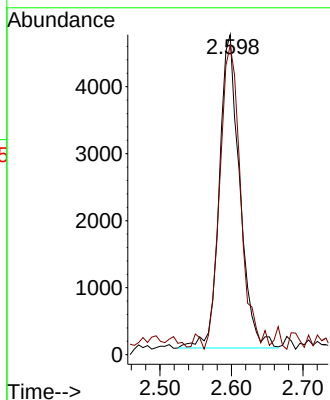
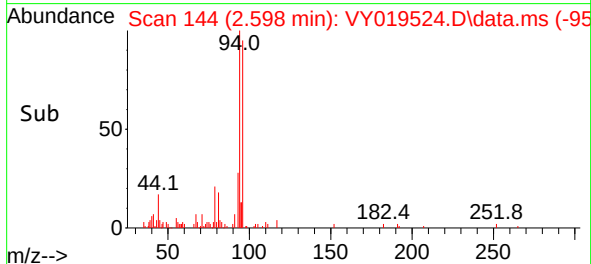
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024



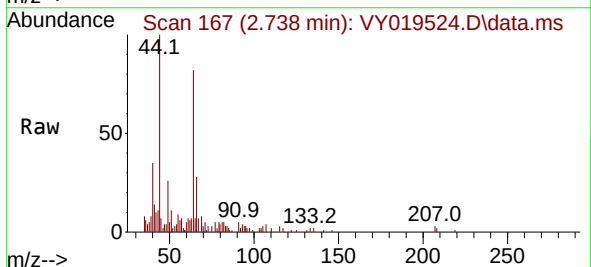
Tgt Ion: 94 Resp: 9260
Ion Ratio Lower Upper
94 100
96 95.1 74.1 111.1

Manual Integrations
APPROVED

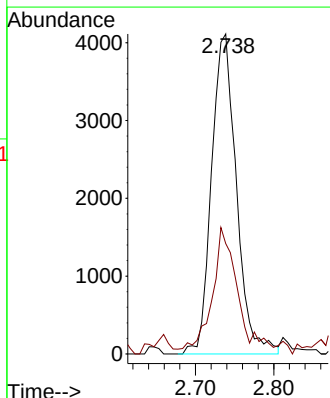
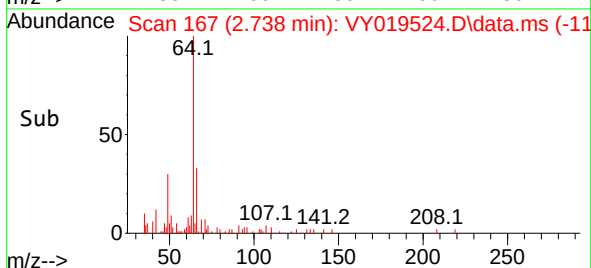
Reviewed By :Mahesh Dadoda 09/13/2024
Supervised By :Semsettin Yesilyurt 09/13/2024

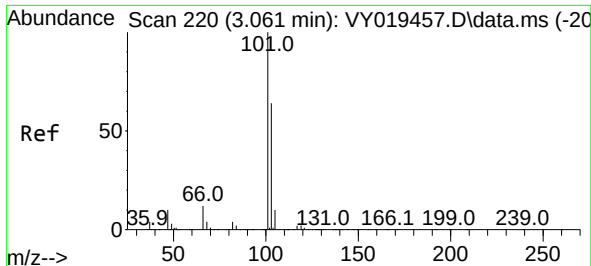


#6
Chloroethane
Concen: 3.560 ug/l
RT: 2.738 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY019524.D
Acq: 12 Sep 2024 13:05



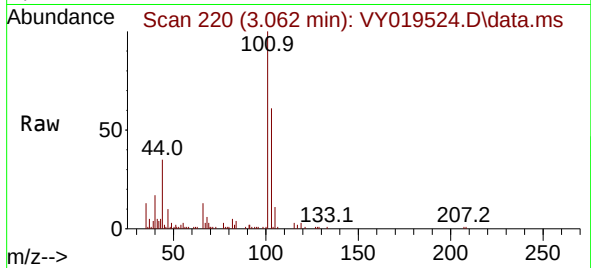
Tgt Ion: 64 Resp: 9083
Ion Ratio Lower Upper
64 100
66 33.0 26.1 39.1





#7
 Trichlorofluoromethane
 Concen: 3.794 ug/l
 RT: 3.062 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY019524.D
 Acq: 12 Sep 2024 13:05

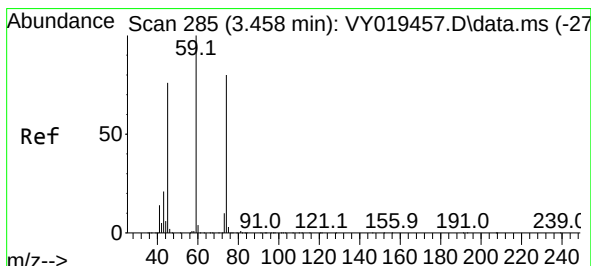
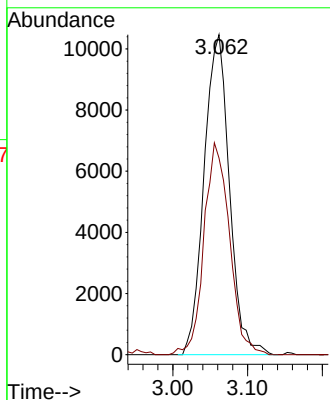
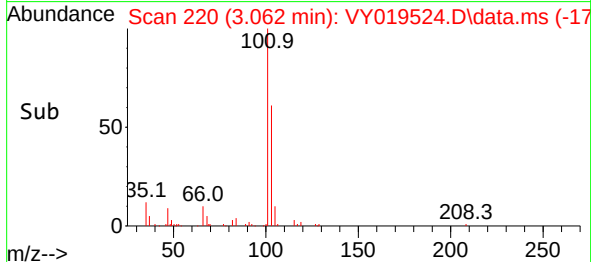
Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL-SOIL-03-QT3-2024



Tgt Ion:101 Resp: 24679
 Ion Ratio Lower Upper
 101 100
 103 61.4 49.3 73.9

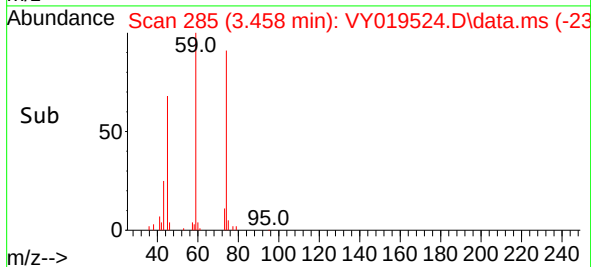
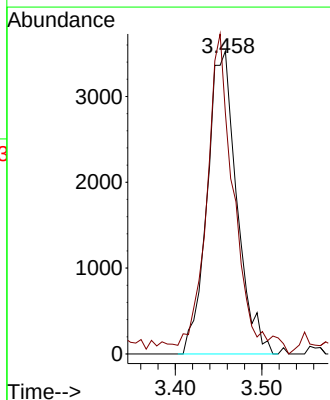
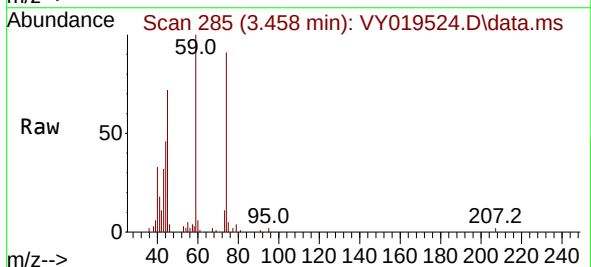
Manual Integrations
 APPROVED

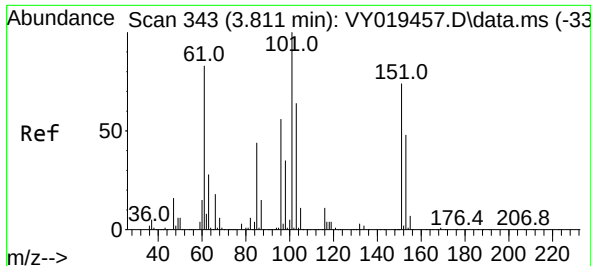
Reviewed By :Mahesh Dadoda 09/13/2024
 Supervised By :Semsettin Yesilyurt 09/13/2024



#8
 Diethyl Ether
 Concen: 3.839 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.000 min
 Lab File: VY019524.D
 Acq: 12 Sep 2024 13:05

Tgt Ion: 74 Resp: 8382
 Ion Ratio Lower Upper
 74 100
 45 97.7 41.3 124.1





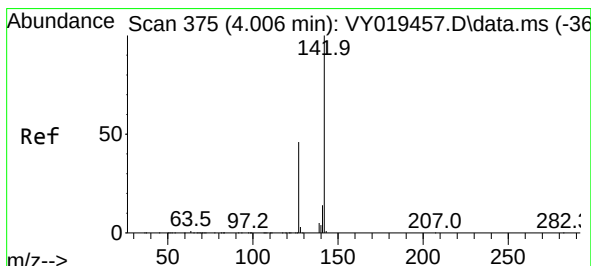
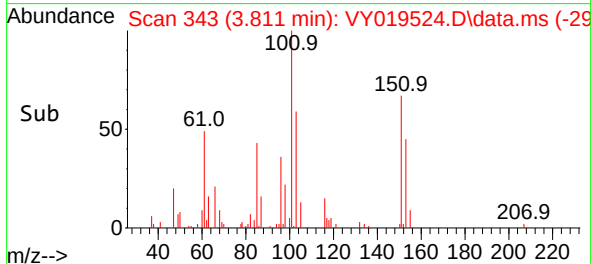
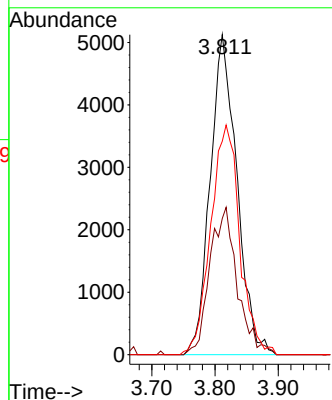
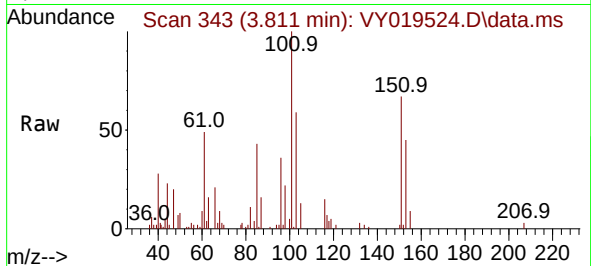
#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.731 ug/l
RT: 3.811 min Scan# 343
Delta R.T. 0.000 min
Lab File: VY019524.D
Acq: 12 Sep 2024 13:05

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024

Tgt Ion:101 Resp: 1501
Ion Ratio Lower Upper
101 100
85 47.6 34.5 51.7
151 78.1 61.7 92.5

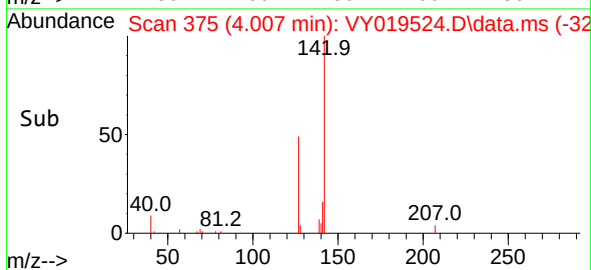
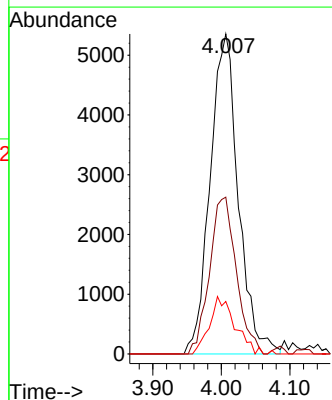
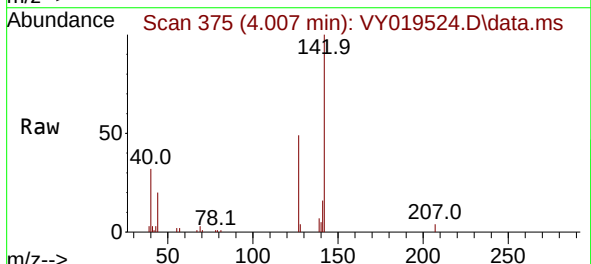
Manual Integrations
APPROVED

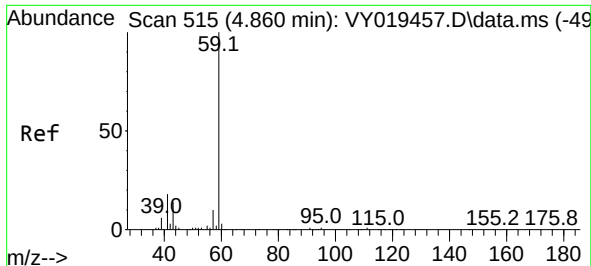
Reviewed By :Mahesh Dadoda 09/13/2024
Supervised By :Semsettin Yesilyurt 09/13/2024



#10
Methyl Iodide
Concen: 2.962 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY019524.D
Acq: 12 Sep 2024 13:05

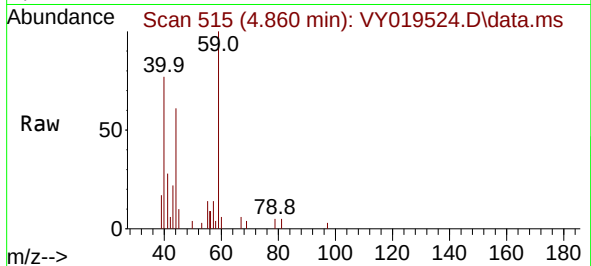
Tgt Ion:142 Resp: 15283
Ion Ratio Lower Upper
142 100
127 46.6 32.8 49.2
141 16.2 11.4 17.2





#11
Tert butyl alcohol
Concen: 24.216 ug/l
RT: 4.860 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY019524.D
Acq: 12 Sep 2024 13:05

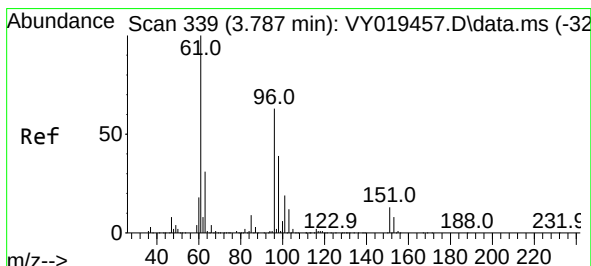
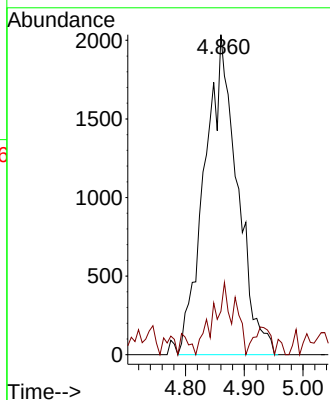
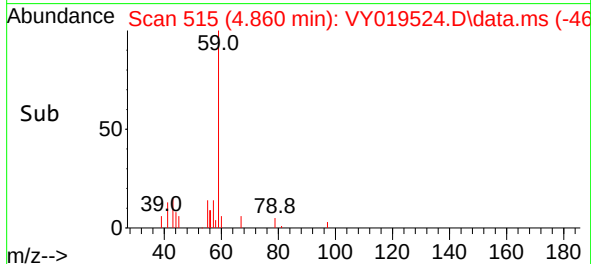
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024



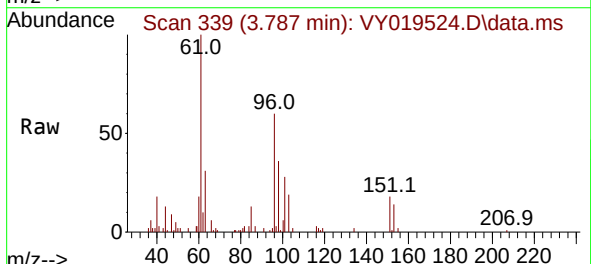
Tgt Ion: 59 Resp: 789
Ion Ratio Lower Upper
59 100
57 10.8 3.0 4.6

Manual Integrations
APPROVED

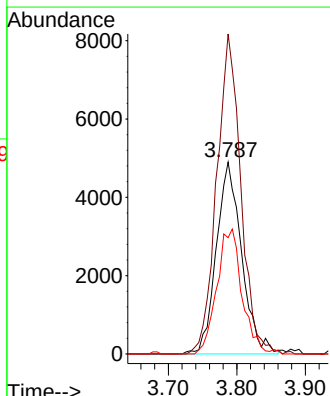
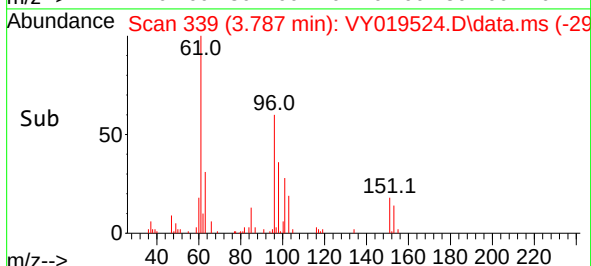
Reviewed By :Mahesh Dadoda 09/13/2024
Supervised By :Semsettin Yesilyurt 09/13/2024

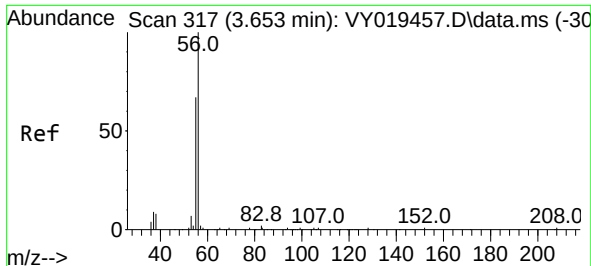


#12
1,1-Dichloroethene
Concen: 3.239 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY019524.D
Acq: 12 Sep 2024 13:05



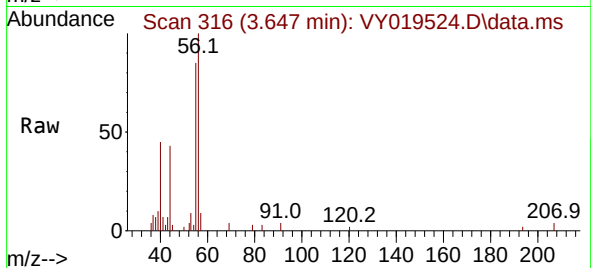
Tgt Ion: 96 Resp: 12534
Ion Ratio Lower Upper
96 100
61 166.8 114.6 171.8
98 60.6 50.8 76.2





#13
Acrolein
Concen: 53.371 ug/l
RT: 3.647 min Scan# 316
Delta R.T. -0.006 min
Lab File: VY019524.D
Acq: 12 Sep 2024 13:05

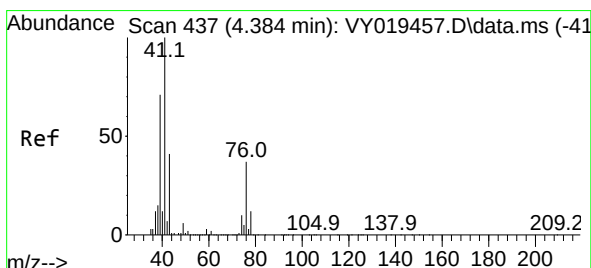
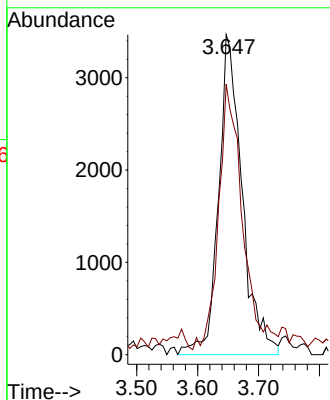
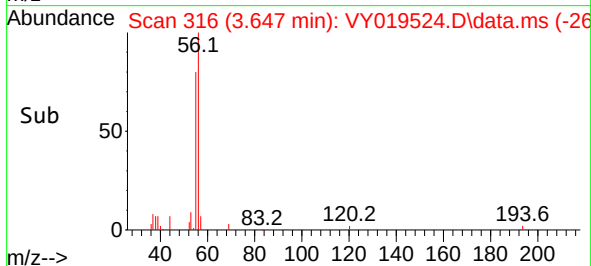
Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT3-2024



Tgt Ion: 56 Resp: 933
Ion Ratio Lower Upper
56 100
55 84.2 55.7 83.5

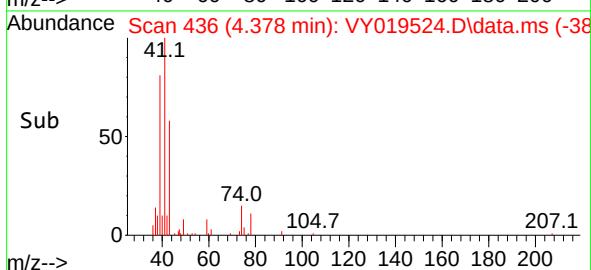
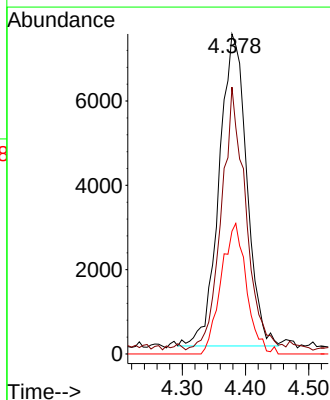
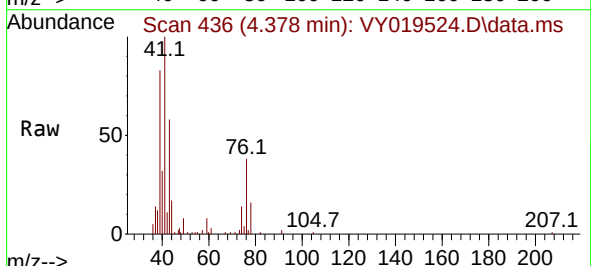
Manual Integrations
APPROVED

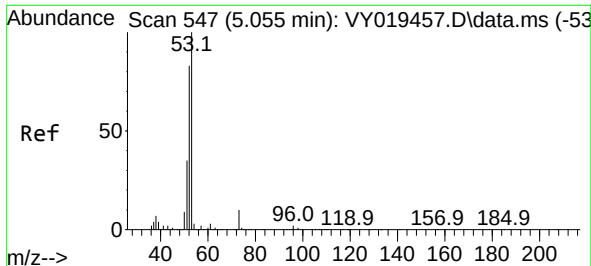
Reviewed By :Mahesh Dadoda 09/13/2024
Supervised By :Semsettin Yesilyurt 09/13/2024



#14
Allyl chloride
Concen: 3.231 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY019524.D
Acq: 12 Sep 2024 13:05

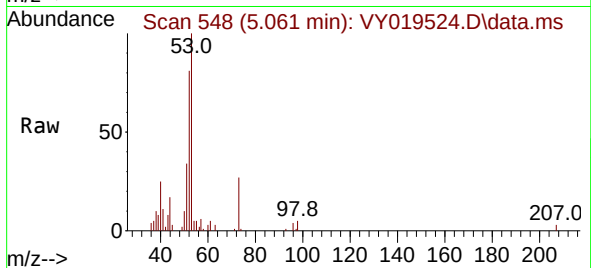
Tgt Ion: 41 Resp: 22422
Ion Ratio Lower Upper
41 100
39 75.0 58.3 87.5
76 38.1 39.0 58.6





#15
Acrylonitrile
Concen: 21.047 ug/l
RT: 5.061 min Scan# 547
Delta R.T. 0.006 min
Lab File: VY019524.D
Acq: 12 Sep 2024 13:05

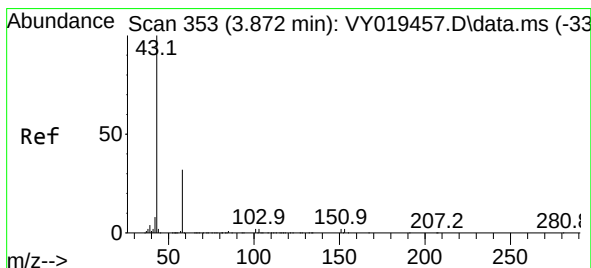
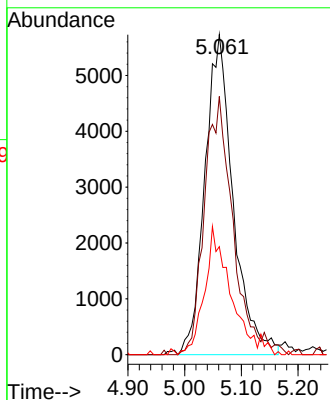
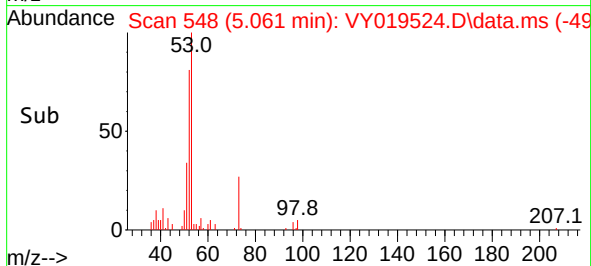
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion: 53 Resp: 19810
Ion Ratio Lower Upper
53 100
52 82.0 64.7 97.1
51 36.2 28.4 42.6

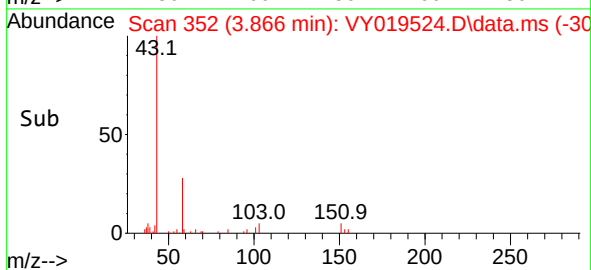
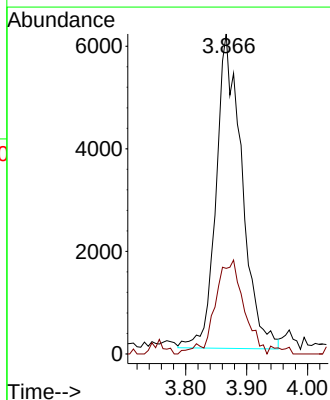
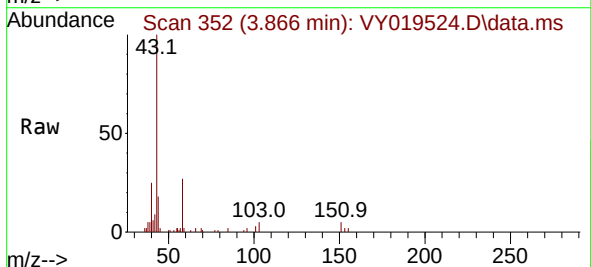
Manual Integrations
APPROVED

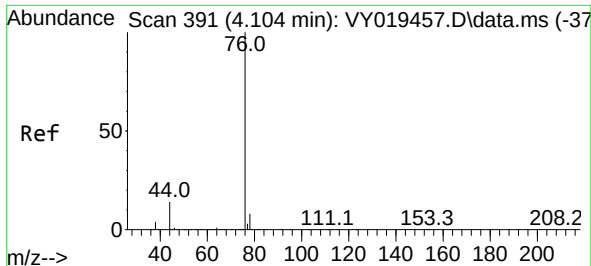
Reviewed By :Mahesh Dadoda 09/13/2024
Supervised By :Semsettin Yesilyurt 09/13/2024



#16
Acetone
Concen: 18.728 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY019524.D
Acq: 12 Sep 2024 13:05

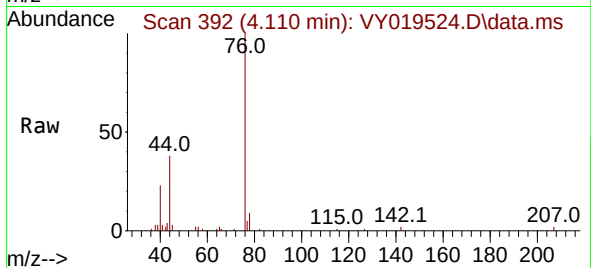
Tgt Ion: 43 Resp: 18021
Ion Ratio Lower Upper
43 100
58 27.4 31.7 47.5#





#17
Carbon Disulfide
Concen: 1.609 ug/l
RT: 4.110 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY019524.D
Acq: 12 Sep 2024 13:05

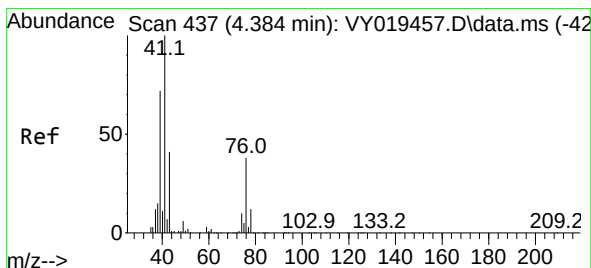
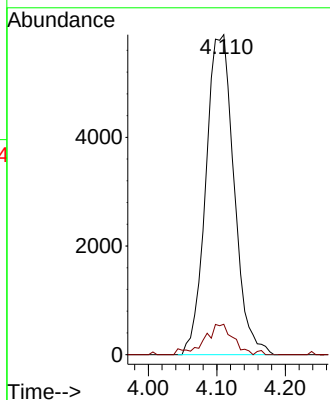
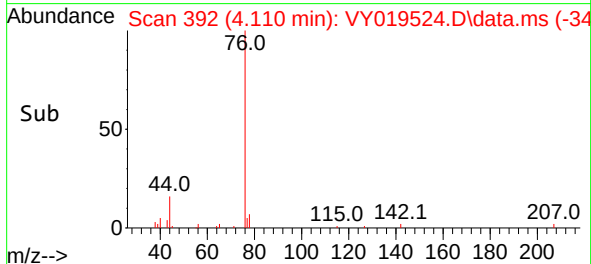
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion: 76 Resp: 16819
Ion Ratio Lower Upper
76 100
78 9.5 6.8 10.2

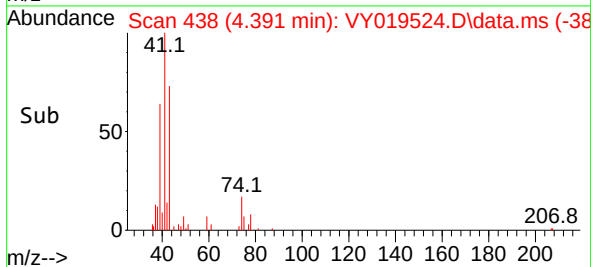
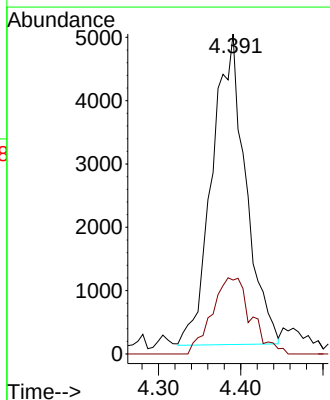
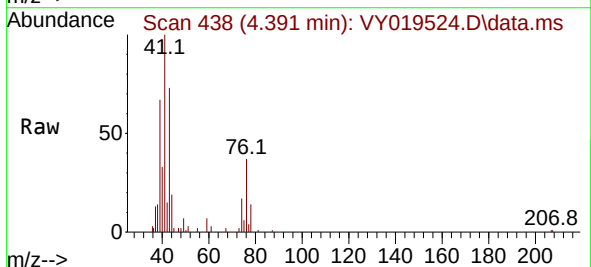
Manual Integrations
APPROVED

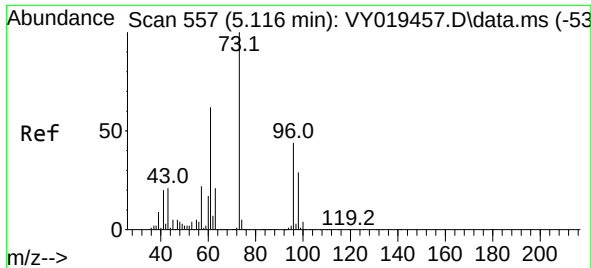
Reviewed By :Mahesh Dadoda 09/13/2024
Supervised By :Semsettin Yesilyurt 09/13/2024



#18
Methyl Acetate
Concen: 5.326 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY019524.D
Acq: 12 Sep 2024 13:05

Tgt Ion: 43 Resp: 13908
Ion Ratio Lower Upper
43 100
74 28.6 23.3 34.9





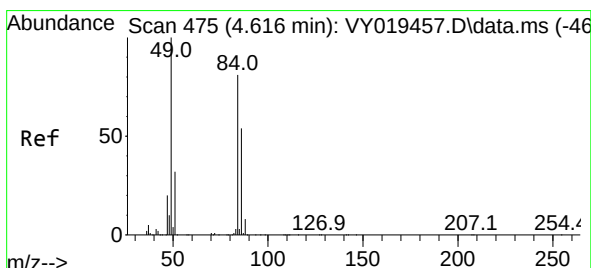
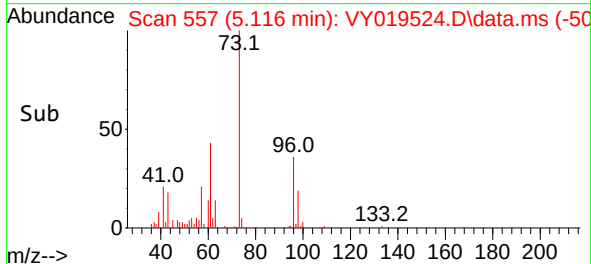
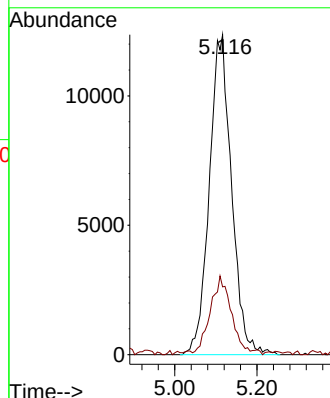
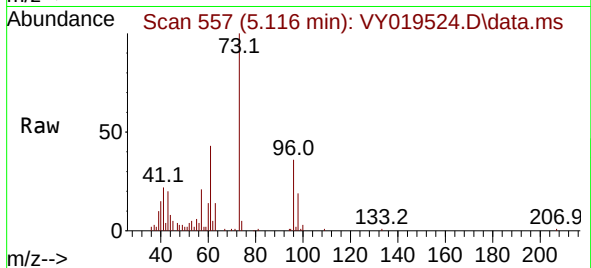
#19
Methyl tert-butyl Ether
Concen: 4.239 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY019524.D
Acq: 12 Sep 2024 13:05

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024

Tgt Ion: 73 Resp: 46458
Ion Ratio Lower Upper
73 100
57 20.6 17.3 25.9

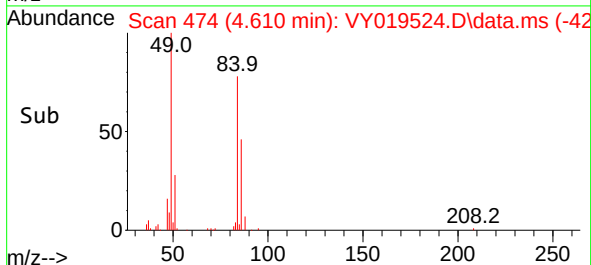
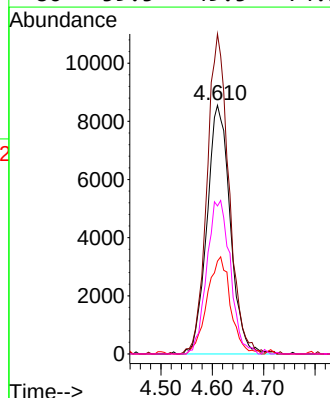
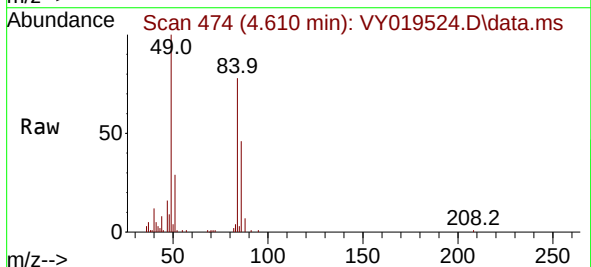
Manual Integrations
APPROVED

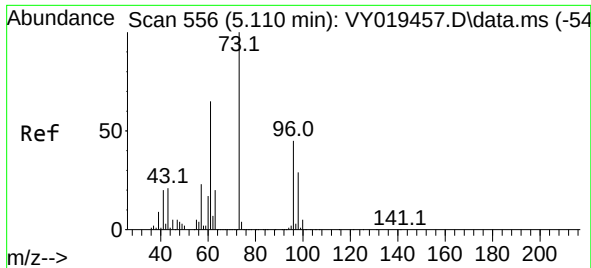
Reviewed By :Mahesh Dadoda 09/13/2024
Supervised By :Semsettin Yesilyurt 09/13/2024



#20
Methylene Chloride
Concen: 6.122 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY019524.D
Acq: 12 Sep 2024 13:05

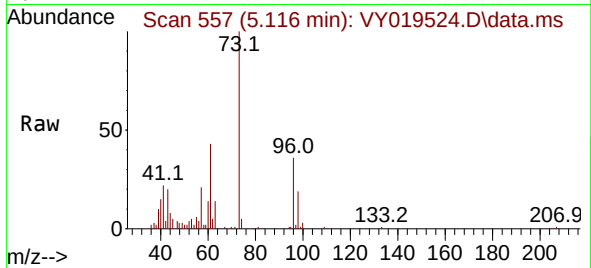
Tgt Ion: 84 Resp: 26866
Ion Ratio Lower Upper
84 100
49 128.7 84.4 126.6#
51 37.3 26.0 39.0
86 59.5 49.5 74.3





#21
trans-1,2-Dichloroethene
Concen: 3.235 ug/l
RT: 5.116 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY019524.D
Acq: 12 Sep 2024 13:05

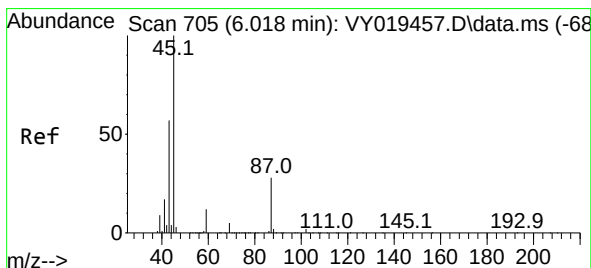
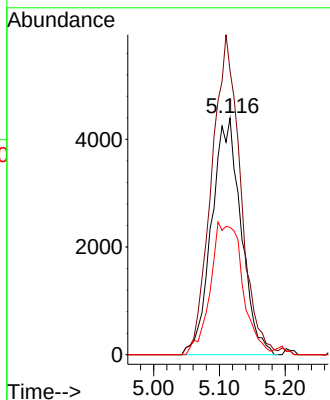
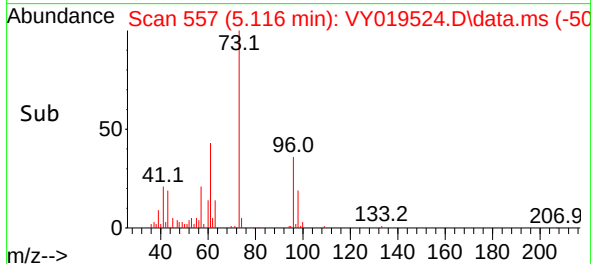
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion: 96 Resp: 1372
Ion Ratio Lower Upper
96 100
61 120.1 97.5 146.3
98 53.8 50.5 75.7

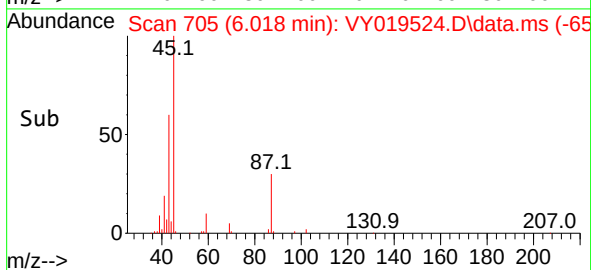
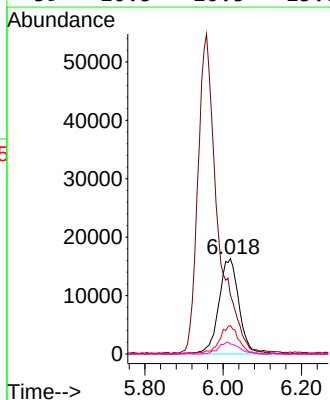
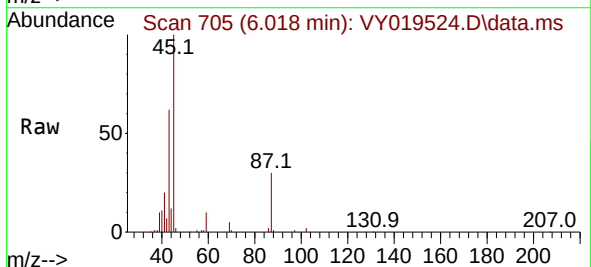
Manual Integrations
APPROVED

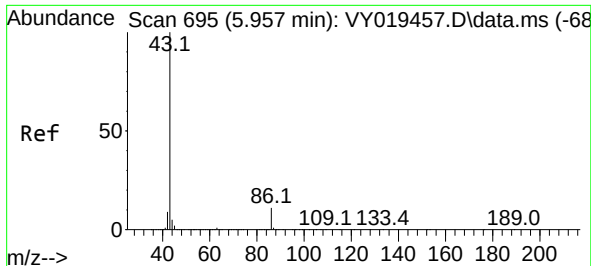
Reviewed By :Mahesh Dadoda 09/13/2024
Supervised By :Semsettin Yesilyurt 09/13/2024



#22
Diisopropyl ether
Concen: 4.096 ug/l
RT: 6.018 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY019524.D
Acq: 12 Sep 2024 13:05

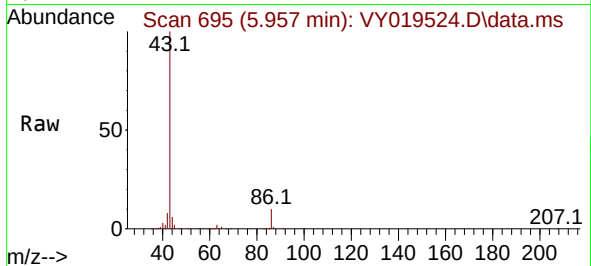
Tgt Ion: 45 Resp: 58372
Ion Ratio Lower Upper
45 100
43 60.5 42.2 63.2
87 29.8 25.0 37.6
59 10.5 10.5 15.7#





#23
 Vinyl Acetate
 Concen: 23.406 ug/l
 RT: 5.957 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY019524.D
 Acq: 12 Sep 2024 13:05

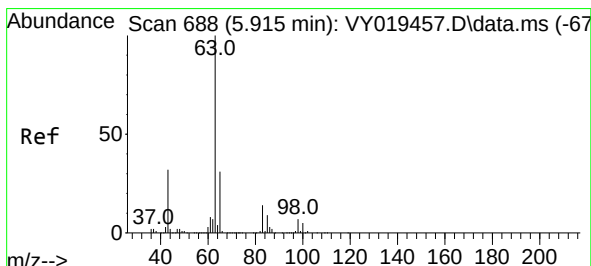
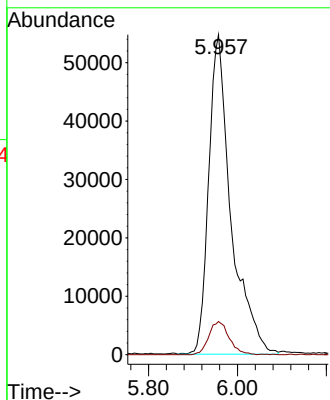
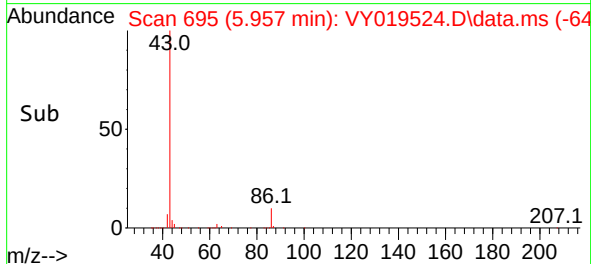
Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL-SOIL-03-QT3-2024



Tgt Ion: 43 Resp: 190532
 Ion Ratio Lower Upper
 43 100
 86 10.4 10.6 16.0

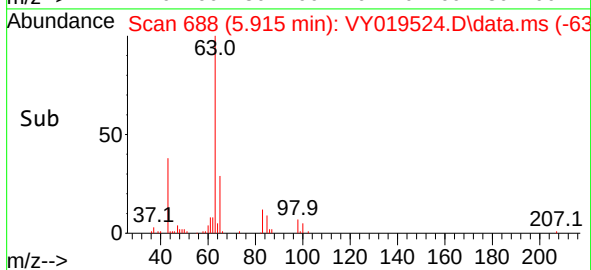
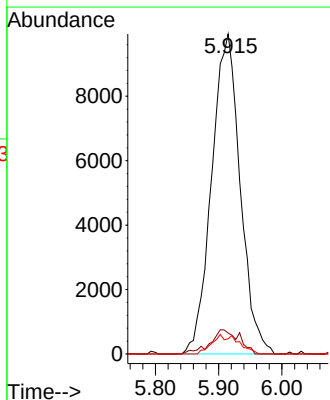
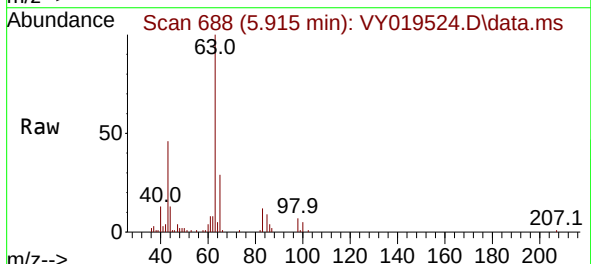
Manual Integrations
 APPROVED

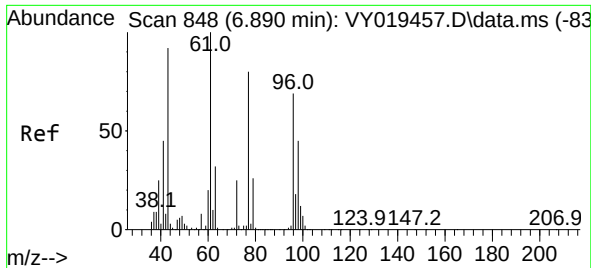
Reviewed By :Mahesh Dadoda 09/13/2024
 Supervised By :Semsettin Yesilyurt 09/13/2024



#24
 1,1-Dichloroethane
 Concen: 3.897 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY019524.D
 Acq: 12 Sep 2024 13:05

Tgt Ion: 63 Resp: 31162
 Ion Ratio Lower Upper
 63 100
 98 6.6 4.0 12.2
 100 4.7 2.6 8.0





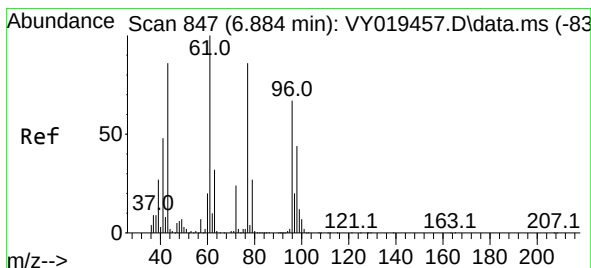
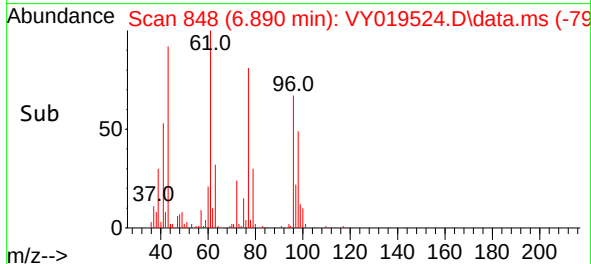
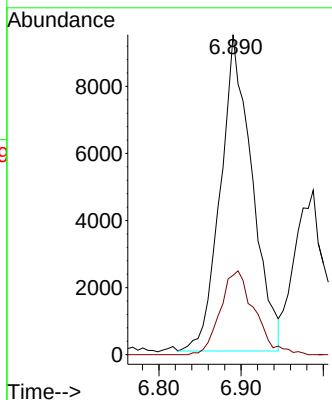
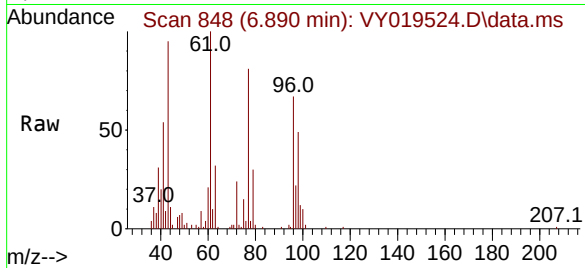
#25
2-Butanone
Concen: 18.495 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY019524.D
Acq: 12 Sep 2024 13:05

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024

Tgt Ion: 43 Resp: 25312
Ion Ratio Lower Upper
43 100
72 25.1 27.3 40.9

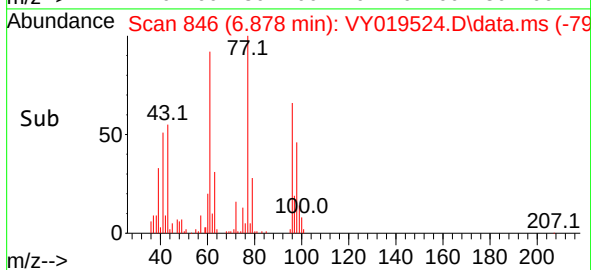
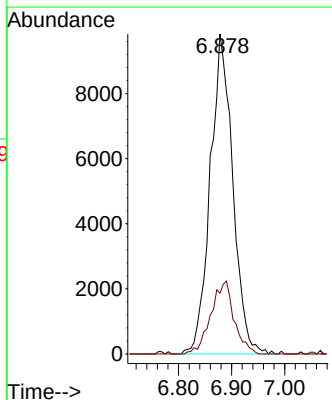
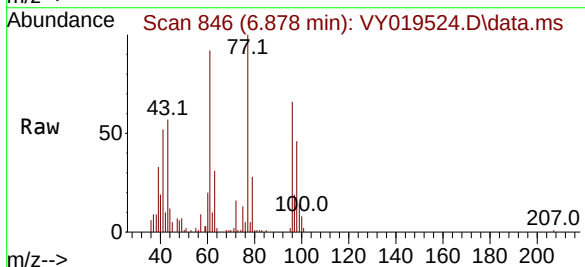
Manual Integrations
APPROVED

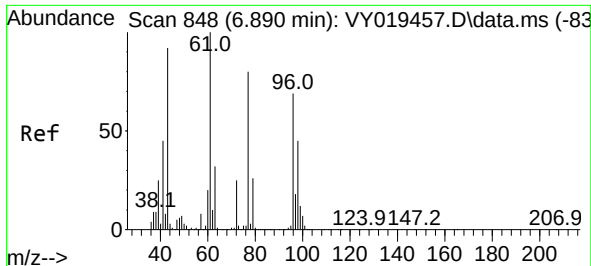
Reviewed By :Mahesh Dadoda 09/13/2024
Supervised By :Semsettin Yesilyurt 09/13/2024



#26
2,2-Dichloropropane
Concen: 4.018 ug/l
RT: 6.878 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY019524.D
Acq: 12 Sep 2024 13:05

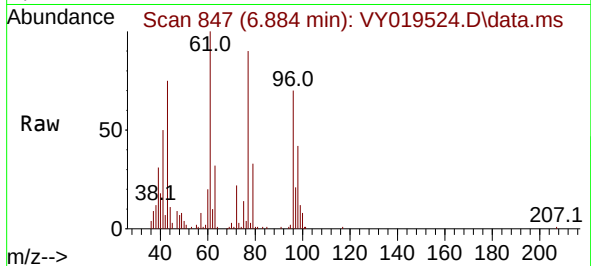
Tgt Ion: 77 Resp: 28983
Ion Ratio Lower Upper
77 100
97 23.3 12.0 36.1





#27
 cis-1,2-Dichloroethene
 Concen: 3.840 ug/l
 RT: 6.884 min Scan# 847
 Delta R.T. -0.006 min
 Lab File: VY019524.D
 Acq: 12 Sep 2024 13:05

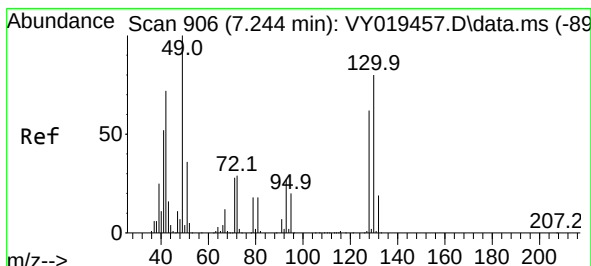
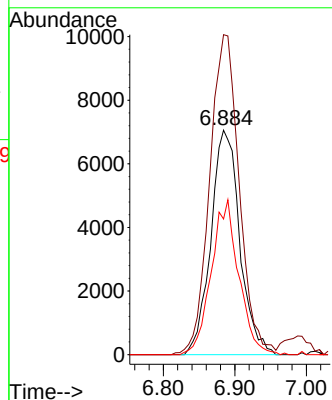
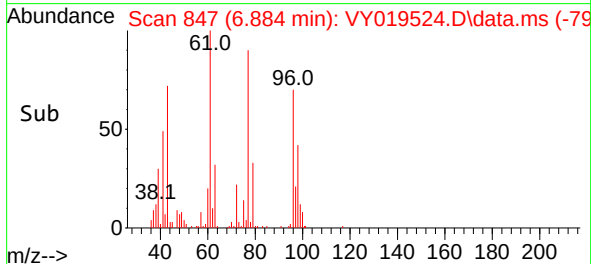
Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL-SOIL-03-QT3-2024



Tgt Ion: 96 Resp: 1978
 Ion Ratio Lower Upper
 96 100
 61 145.9 0.0 256.2
 98 65.7 0.0 130.0

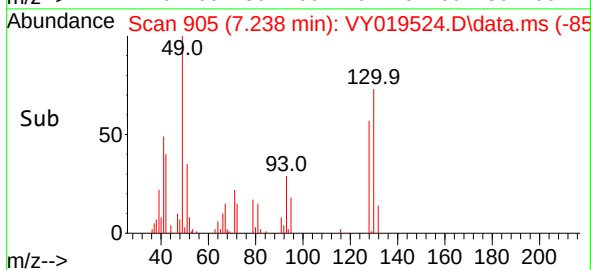
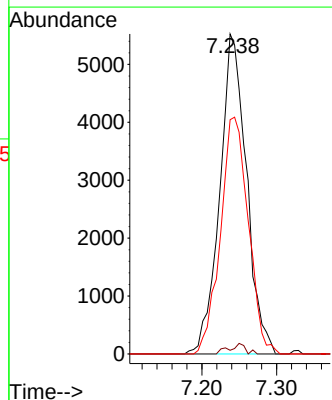
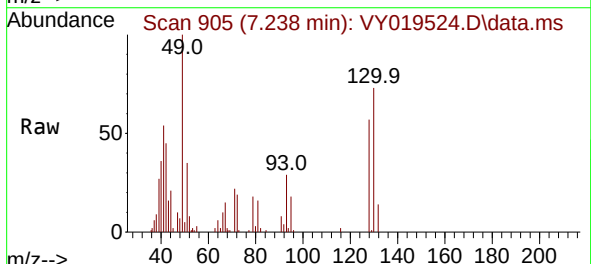
Manual Integrations
 APPROVED

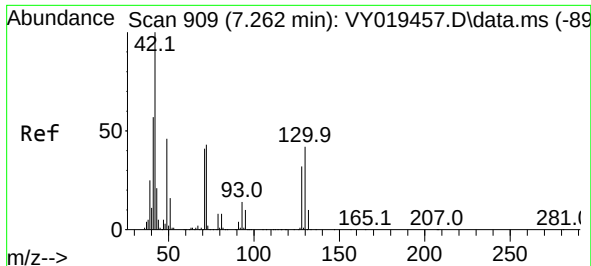
Reviewed By :Mahesh Dadoda 09/13/2024
 Supervised By :Semsettin Yesilyurt 09/13/2024



#28
 Bromochloromethane
 Concen: 4.084 ug/l
 RT: 7.238 min Scan# 905
 Delta R.T. -0.006 min
 Lab File: VY019524.D
 Acq: 12 Sep 2024 13:05

Tgt Ion: 49 Resp: 13741
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.6
 130 77.2 72.7 109.1





#29

Tetrahydrofuran

Concen: 21.306 ug/l

RT: 7.256 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY019524.D

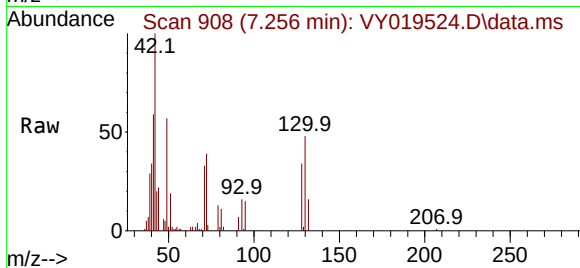
Acq: 12 Sep 2024 13:05

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT3-2024

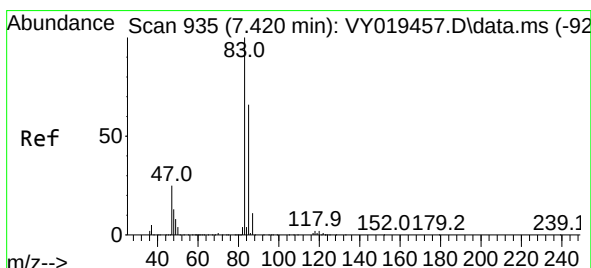
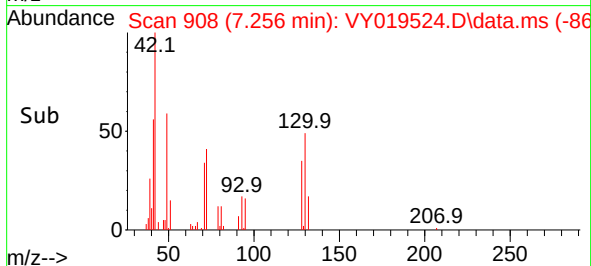
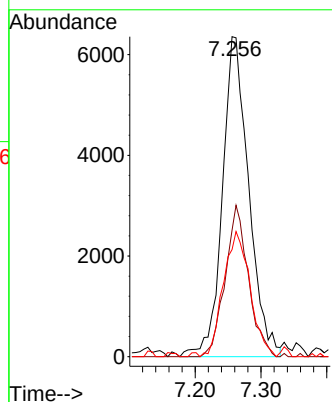


Tgt Ion:	42	Resp:	17729
Ion Ratio	100	Lower	Upper
42	100		
72	41.6	43.0	64.4
71	39.5	40.8	61.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/13/2024
Supervised By :Semsettin Yesilyurt 09/13/2024



#30

Chloroform

Concen: 4.332 ug/l

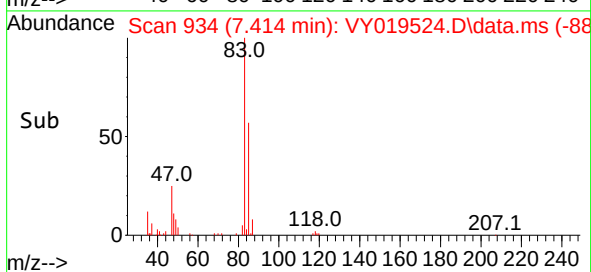
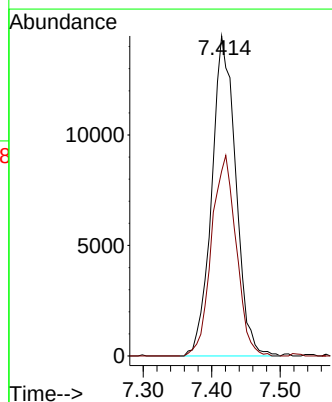
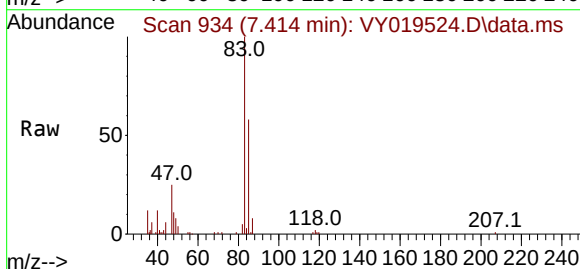
RT: 7.414 min Scan# 934

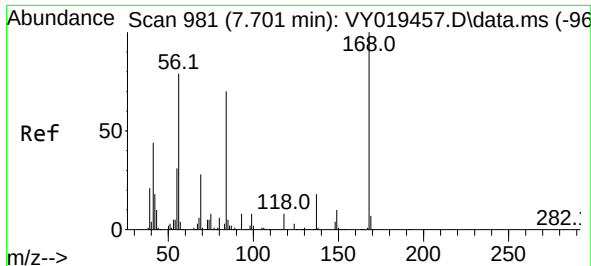
Delta R.T. -0.006 min

Lab File: VY019524.D

Acq: 12 Sep 2024 13:05

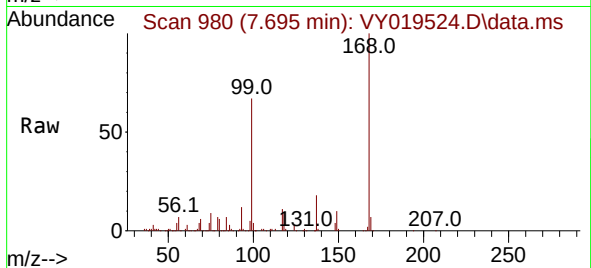
Tgt Ion:	83	Resp:	35369
Ion Ratio	100	Lower	Upper
83	100		
85	57.7	52.2	78.4





#31
Cyclohexane
Concen: 3.860 ug/l
RT: 7.695 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY019524.D
Acq: 12 Sep 2024 13:05

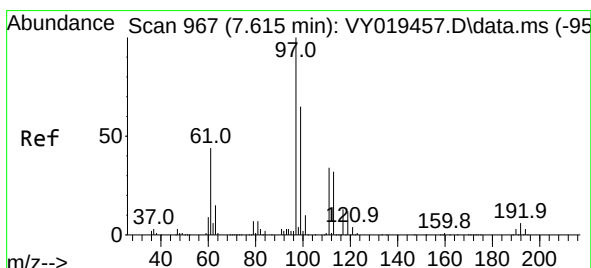
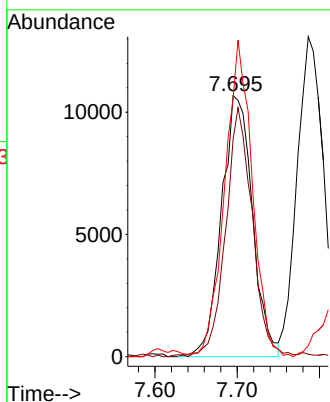
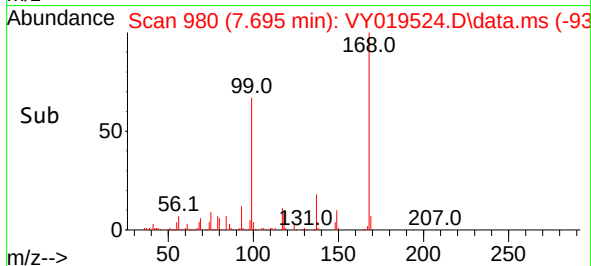
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024



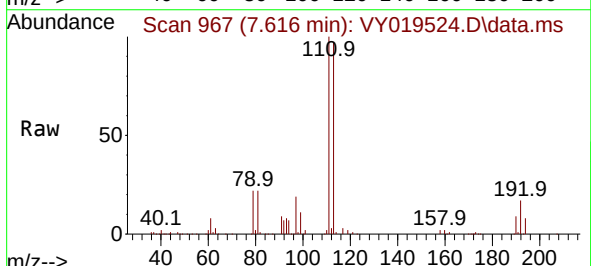
Tgt Ion: 56 Resp: 2789
Ion Ratio Lower Upper
56 100
69 82.5 28.7 43.1
84 96.9 77.7 116.5

Manual Integrations
APPROVED

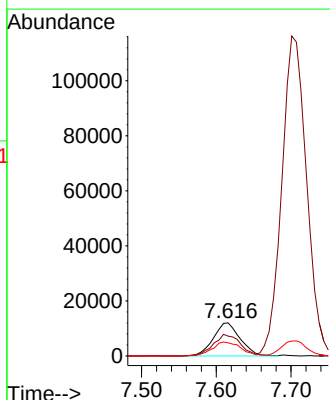
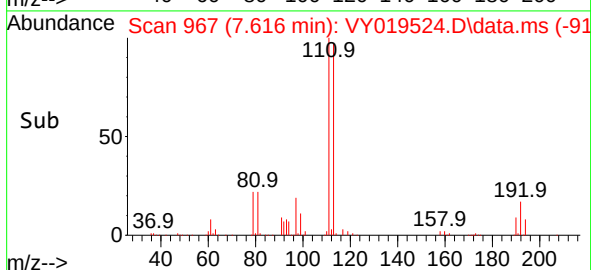
Reviewed By :Mahesh Dadoda 09/13/2024
Supervised By :Semsettin Yesilyurt 09/13/2024

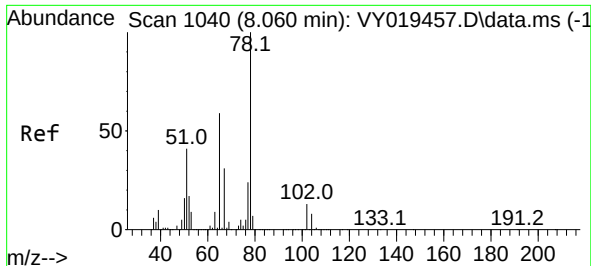


#32
1,1,1-Trichloroethane
Concen: 4.090 ug/l
RT: 7.616 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY019524.D
Acq: 12 Sep 2024 13:05



Tgt Ion: 97 Resp: 29929
Ion Ratio Lower Upper
97 100
99 65.0 50.3 75.5
61 45.3 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 60.424 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY019524.D

Acq: 12 Sep 2024 13:05

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT3-2024

Tgt Ion: 65 Resp: 24405

Ion Ratio Lower Upper

65 100

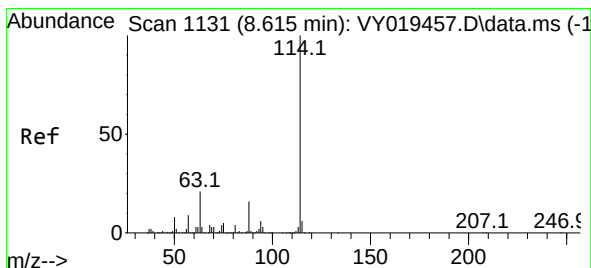
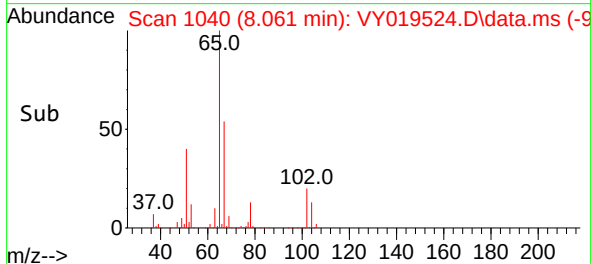
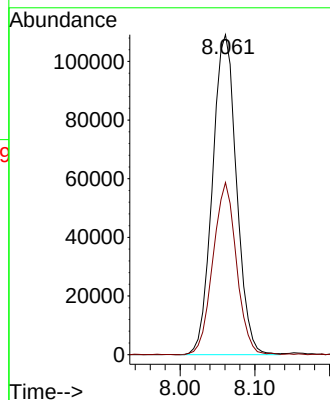
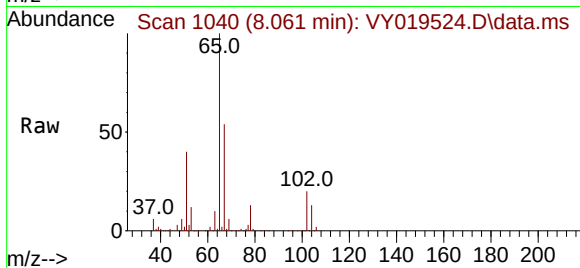
67 52.6 0.0 109.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/13/2024

Supervised By :Semsettin Yesilyurt 09/13/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019524.D

Acq: 12 Sep 2024 13:05

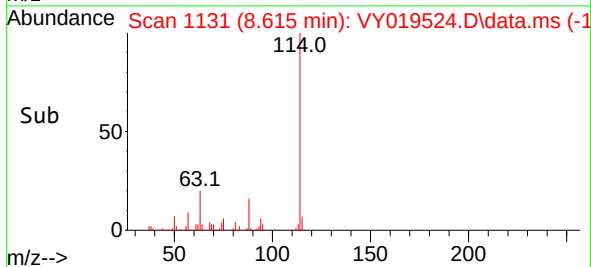
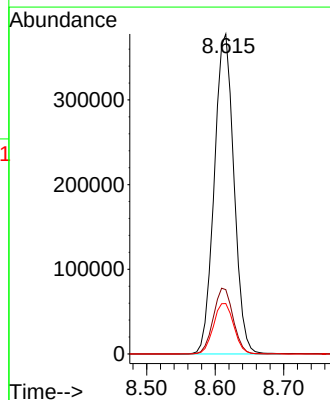
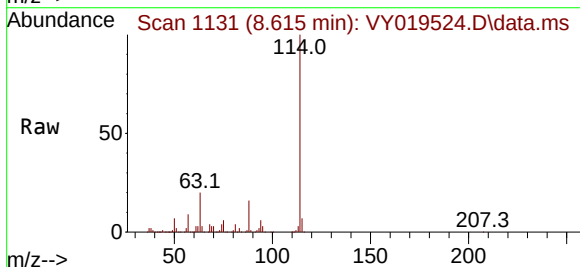
Tgt Ion:114 Resp: 750794

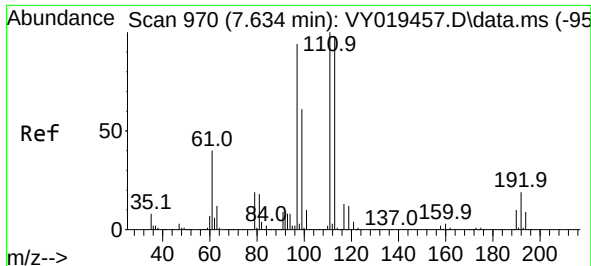
Ion Ratio Lower Upper

114 100

63 20.1 0.0 35.0

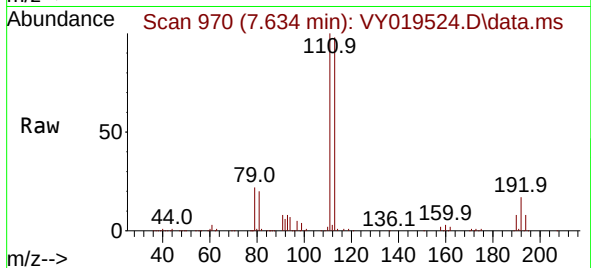
88 15.7 0.0 27.2





#35
Dibromofluoromethane
Concen: 56.646 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019524.D
Acq: 12 Sep 2024 13:05

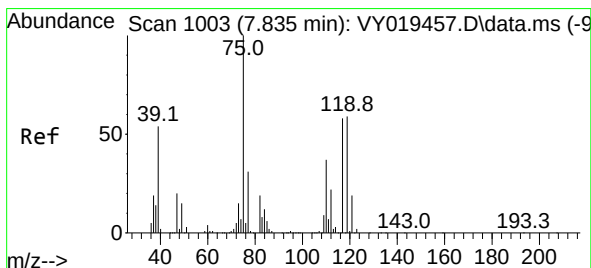
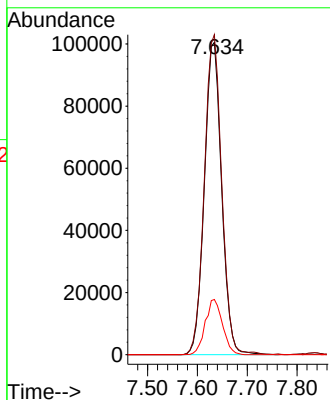
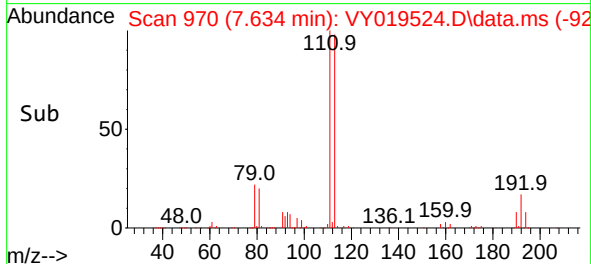
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion: 113 Resp: 241134
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.4
192 17.7 15.9 23.9

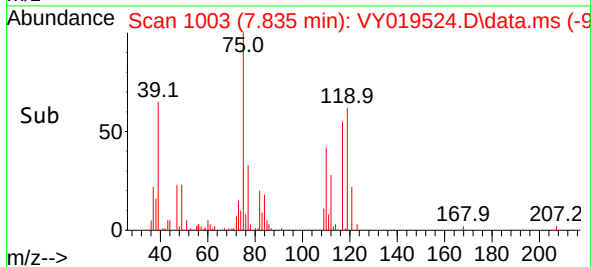
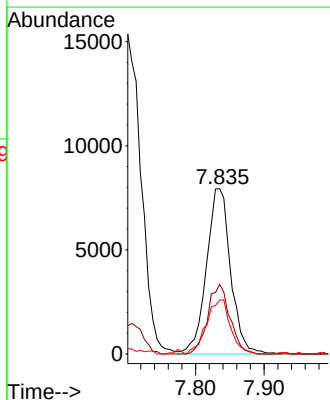
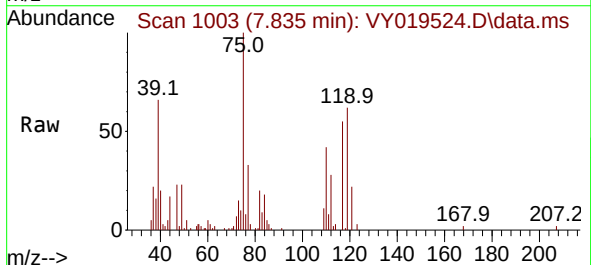
Manual Integrations
APPROVED

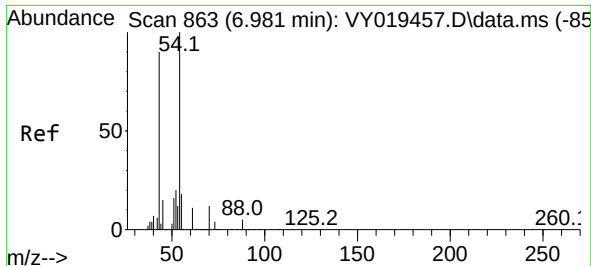
Reviewed By :Mahesh Dadoda 09/13/2024
Supervised By :Semsettin Yesilyurt 09/13/2024



#36
1,1-Dichloropropene
Concen: 3.362 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY019524.D
Acq: 12 Sep 2024 13:05

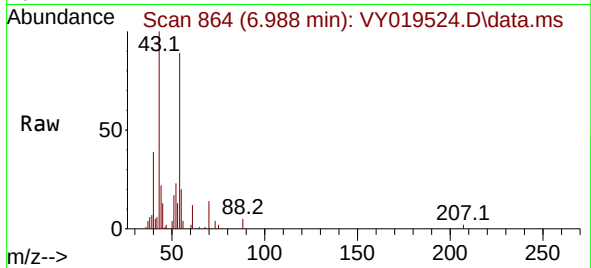
Tgt Ion: 75 Resp: 19473
Ion Ratio Lower Upper
75 100
110 38.6 19.0 57.0
77 32.7 25.3 37.9





#37
Ethyl Acetate
Concen: 4.246 ug/l
RT: 6.988 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY019524.D
Acq: 12 Sep 2024 13:05

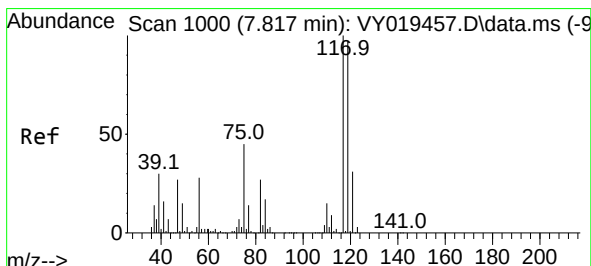
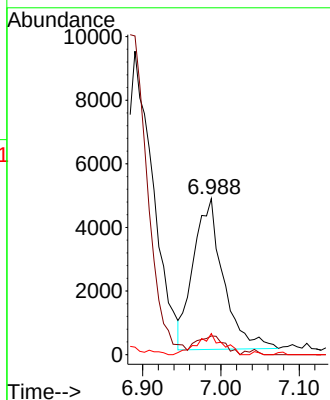
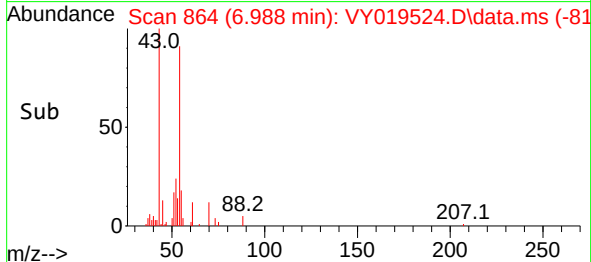
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion: 43 Resp: 1260
Ion Ratio Lower Upper
43 100
61 11.5 12.6 19.0
70 11.7 7.8 11.8

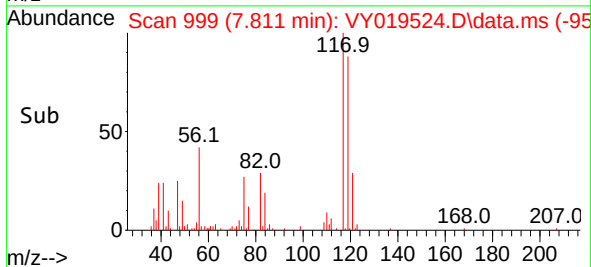
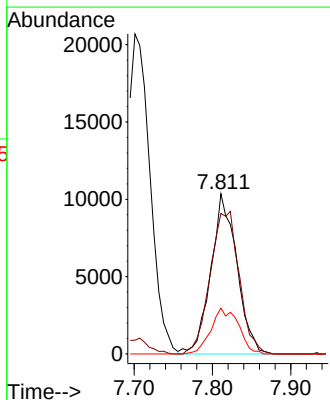
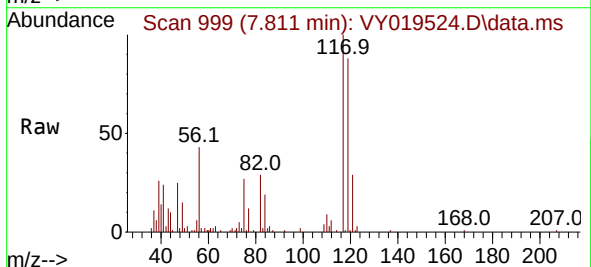
Manual Integrations
APPROVED

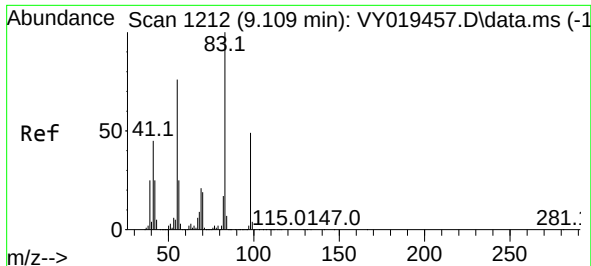
Reviewed By :Mahesh Dadoda 09/13/2024
Supervised By :Semsettin Yesilyurt 09/13/2024



#38
Carbon Tetrachloride
Concen: 3.660 ug/l
RT: 7.811 min Scan# 999
Delta R.T. -0.006 min
Lab File: VY019524.D
Acq: 12 Sep 2024 13:05

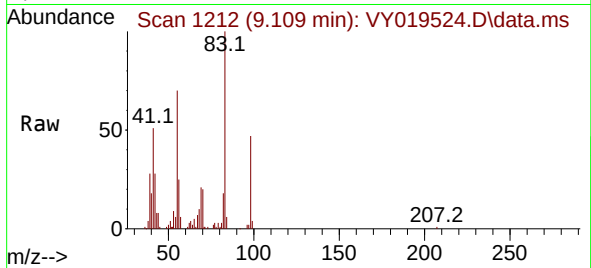
Tgt Ion:117 Resp: 23904
Ion Ratio Lower Upper
117 100
119 87.7 75.8 113.6
121 28.6 24.0 36.0





#39
Methylcyclohexane
Concen: 2.925 ug/l
RT: 9.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019524.D
Acq: 12 Sep 2024 13:05

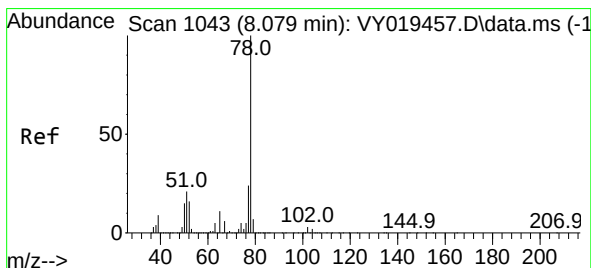
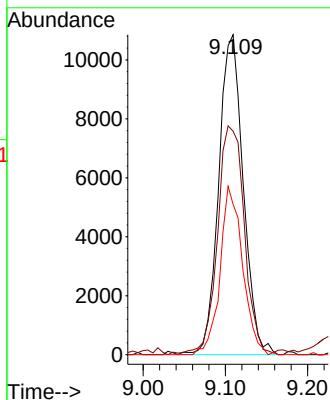
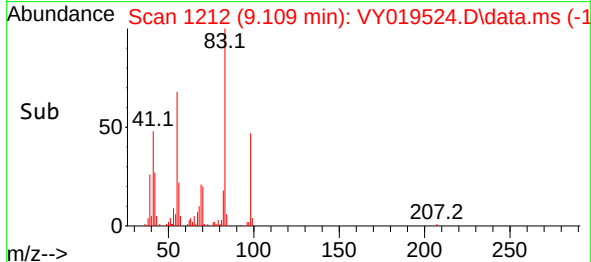
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion: 83 Resp: 22540
Ion Ratio Lower Upper
83 100
55 69.3 51.5 77.3
98 47.0 40.5 60.7

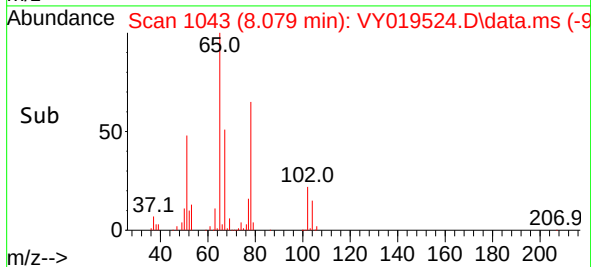
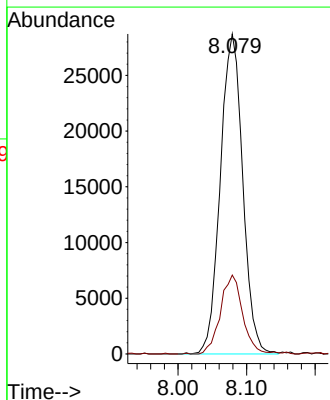
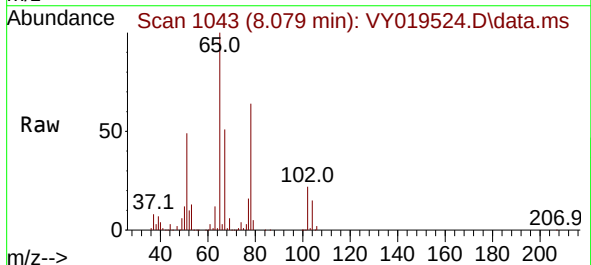
Manual Integrations
APPROVED

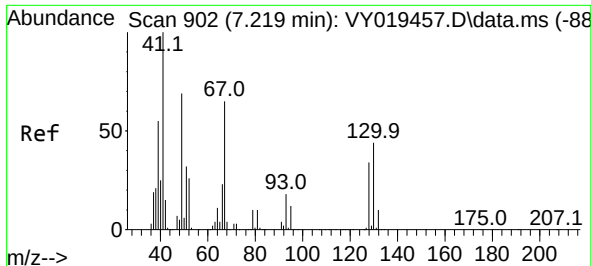
Reviewed By :Mahesh Dadoda 09/13/2024
Supervised By :Semsettin Yesilyurt 09/13/2024



#40
Benzene
Concen: 3.649 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY019524.D
Acq: 12 Sep 2024 13:05

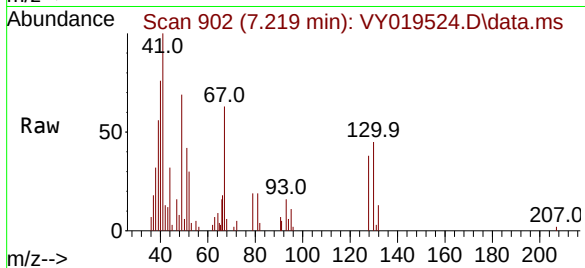
Tgt Ion: 78 Resp: 65109
Ion Ratio Lower Upper
78 100
77 24.6 19.5 29.3





#41
Methacrylonitrile
Concen: 3.494 ug/l
RT: 7.219 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY019524.D
Acq: 12 Sep 2024 13:05

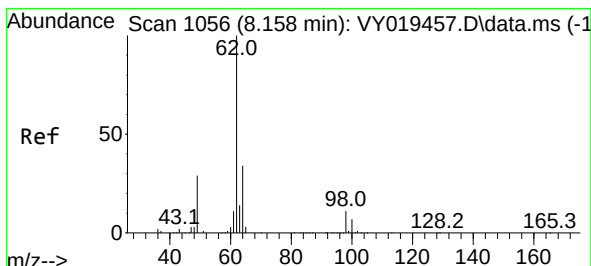
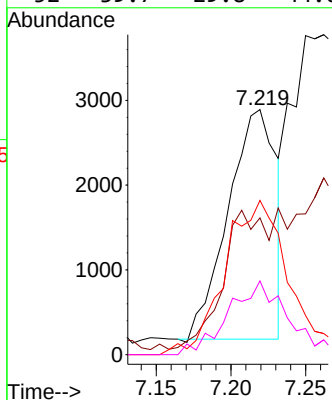
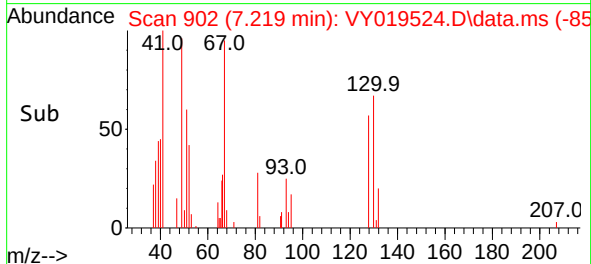
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024



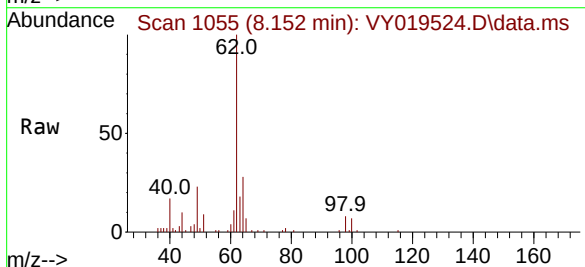
Tgt Ion: 41 Resp: 6049
Ion Ratio Lower Upper
41 100
39 55.5 48.0 72.0
67 89.1 75.1 112.7
52 39.7 29.8 44.6

Manual Integrations
APPROVED

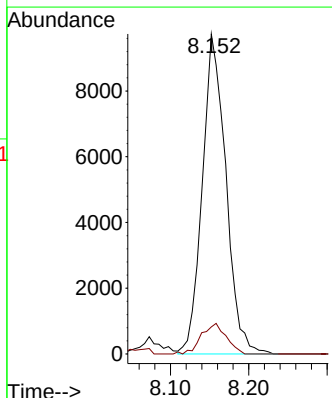
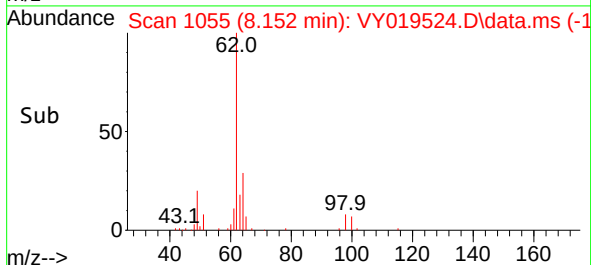
Reviewed By :Mahesh Dadoda 09/13/2024
Supervised By :Semsettin Yesilyurt 09/13/2024

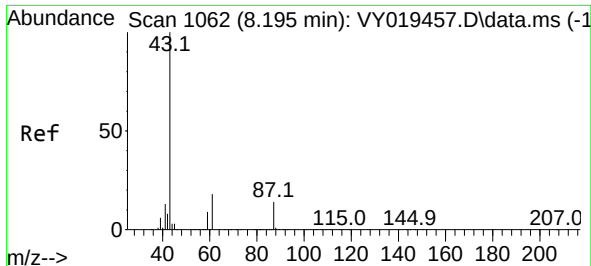


#42
1,2-Dichloroethane
Concen: 4.245 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VY019524.D
Acq: 12 Sep 2024 13:05



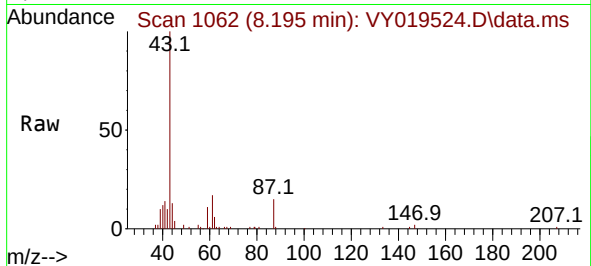
Tgt Ion: 62 Resp: 20377
Ion Ratio Lower Upper
62 100
98 10.1 0.0 22.0





#43
Isopropyl Acetate
Concen: 4.156 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY019524.D
Acq: 12 Sep 2024 13:05

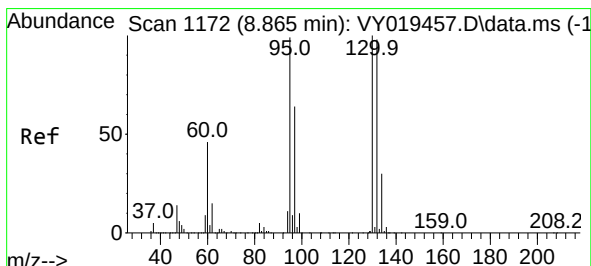
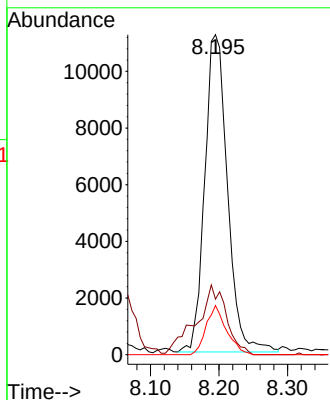
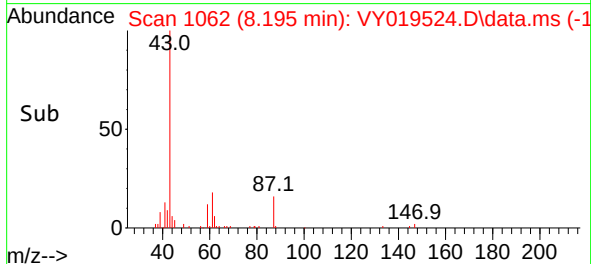
Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT3-2024



Tgt Ion: 43 Resp: 2591
Ion Ratio Lower Upper
43 100
61 29.1 27.9 41.9
87 13.8 13.1 19.7

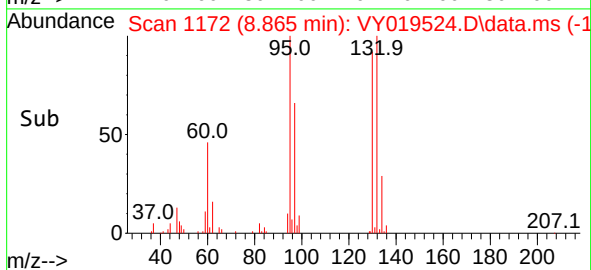
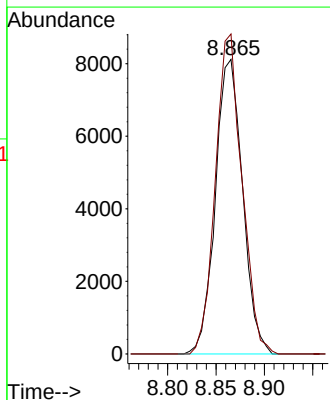
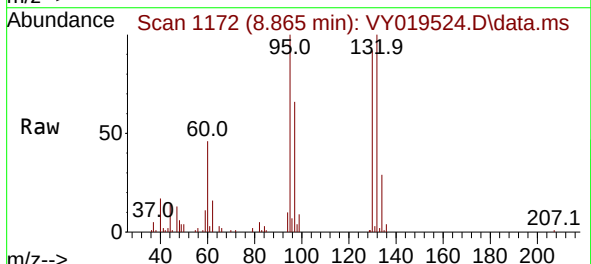
Manual Integrations
APPROVED

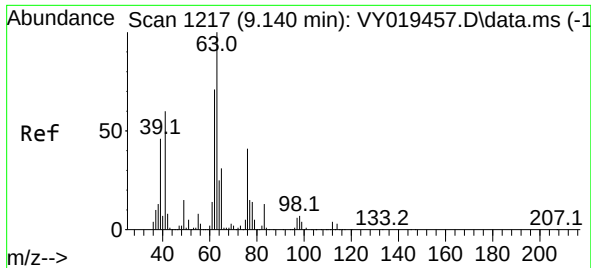
Reviewed By :Mahesh Dadoda 09/13/2024
Supervised By :Semsettin Yesilyurt 09/13/2024



#44
Trichloroethene
Concen: 3.466 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY019524.D
Acq: 12 Sep 2024 13:05

Tgt Ion:130 Resp: 15905
Ion Ratio Lower Upper
130 100
95 108.6 0.0 188.0





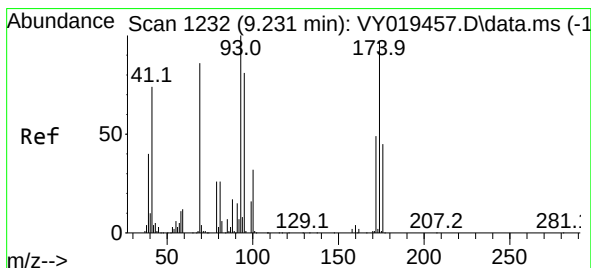
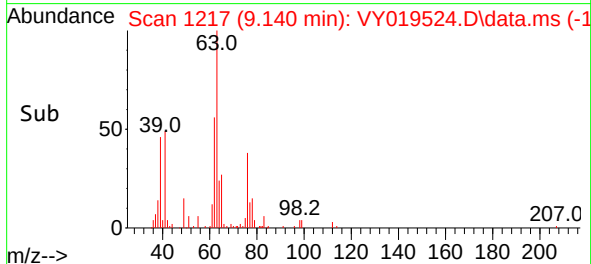
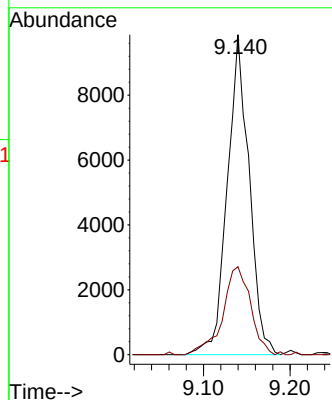
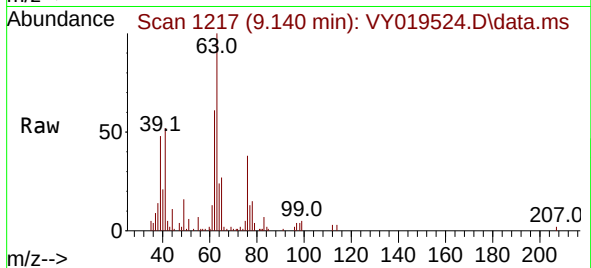
#45
1,2-Dichloropropane
Concen: 3.969 ug/l
RT: 9.140 min Scan# 1217
Delta R.T. 0.000 min
Lab File: VY019524.D
Acq: 12 Sep 2024 13:05

Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT3-2024

Tgt Ion: 63 Resp: 1731
Ion Ratio Lower Upper
63 100
65 27.5 25.4 38.2

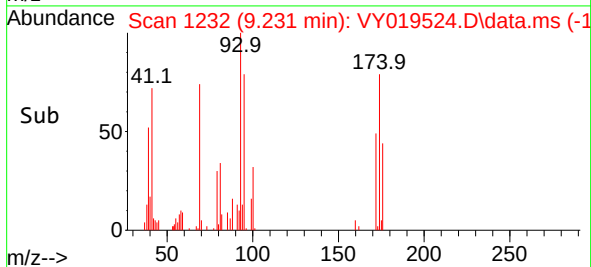
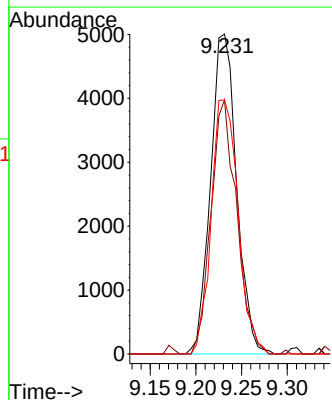
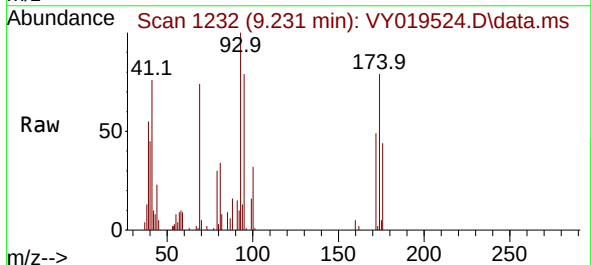
Manual Integrations
APPROVED

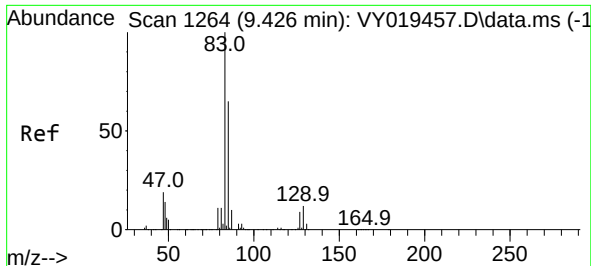
Reviewed By :Mahesh Dadoda 09/13/2024
Supervised By :Semsettin Yesilyurt 09/13/2024



#46
Dibromomethane
Concen: 4.162 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VY019524.D
Acq: 12 Sep 2024 13:05

Tgt Ion: 93 Resp: 9928
Ion Ratio Lower Upper
93 100
95 78.2 66.2 99.4
174 81.8 80.9 121.3





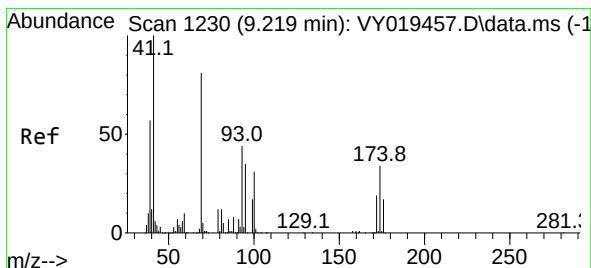
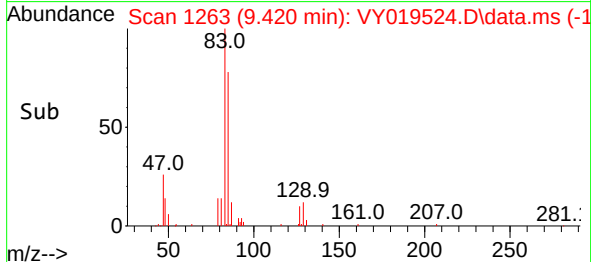
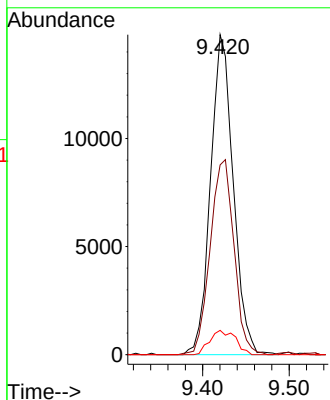
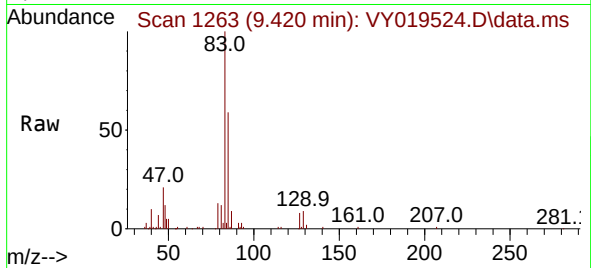
#47
Bromodichloromethane
Concen: 4.198 ug/l
RT: 9.420 min Scan# 1264
Delta R.T. -0.006 min
Lab File: VY019524.D
Acq: 12 Sep 2024 13:05

Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT3-2024

Tgt Ion: 83 Resp: 26918
Ion Ratio Lower Upper
83 100
85 59.3 50.1 75.1
127 7.6 7.4 11.0

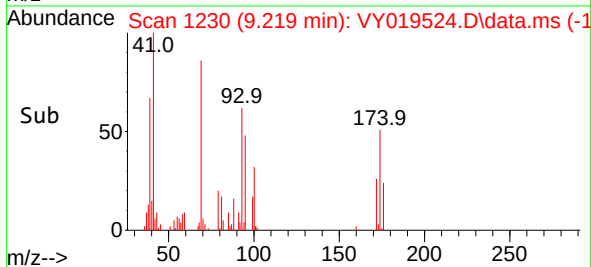
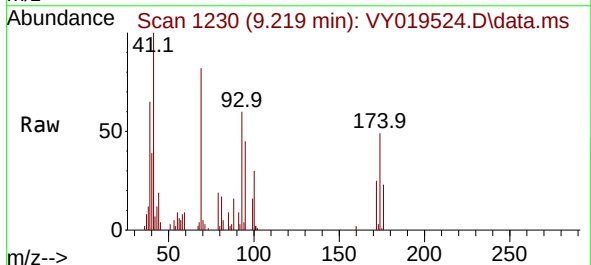
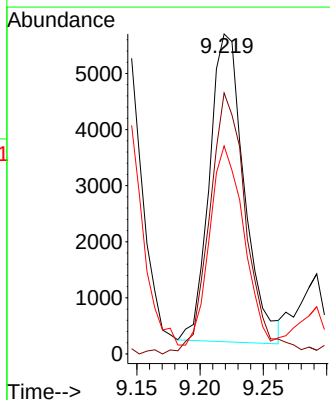
Manual Integrations
APPROVED

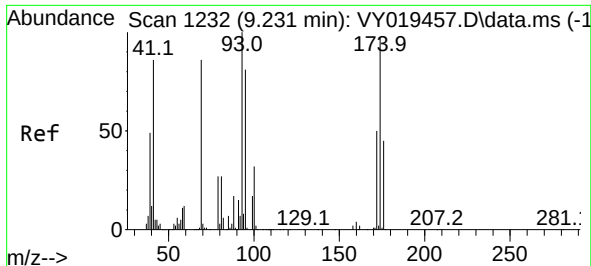
Reviewed By :Mahesh Dadoda 09/13/2024
Supervised By :Semsettin Yesilyurt 09/13/2024



#48
Methyl methacrylate
Concen: 3.564 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY019524.D
Acq: 12 Sep 2024 13:05

Tgt Ion: 41 Resp: 10494
Ion Ratio Lower Upper
41 100
69 90.5 84.1 126.1
39 65.4 43.6 65.4





#49

1,4-Dioxane

Concen: 79.420 ug/l

RT: 9.237 min Scan# 1232

Delta R.T. 0.006 min

Lab File: VY019524.D

Acq: 12 Sep 2024 13:05

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT3-2024

Tgt Ion: 88 Resp: 2230

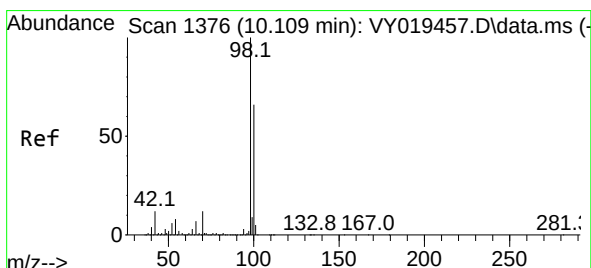
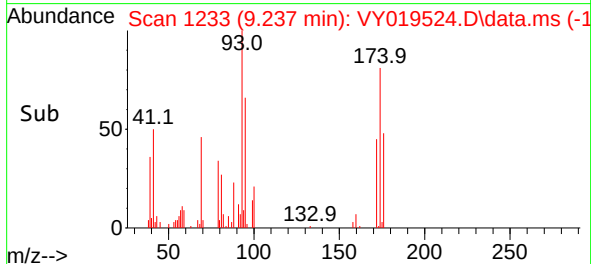
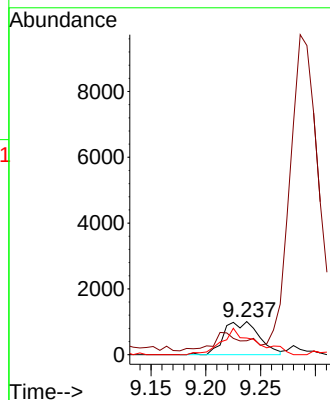
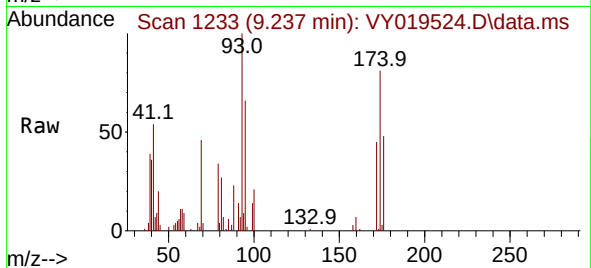
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	76.3	49.3	73.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/13/2024

Supervised By :Semsettin Yesilyurt 09/13/2024



#50

Toluene-d8

Concen: 57.043 ug/l

RT: 10.109 min Scan# 1376

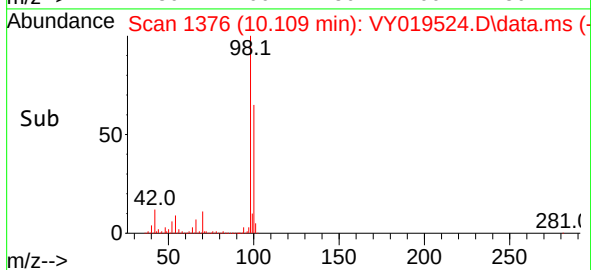
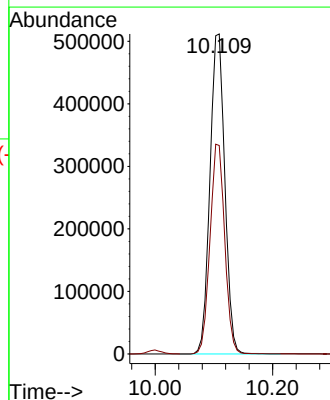
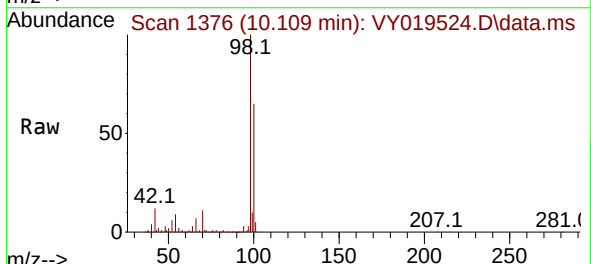
Delta R.T. 0.000 min

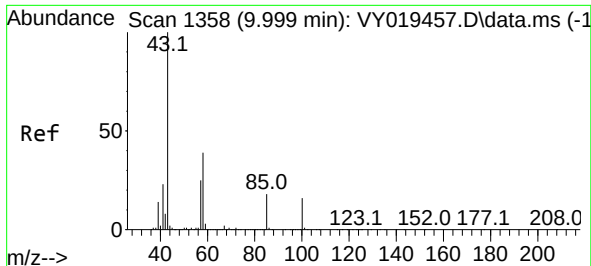
Lab File: VY019524.D

Acq: 12 Sep 2024 13:05

Tgt Ion: 98 Resp: 898157

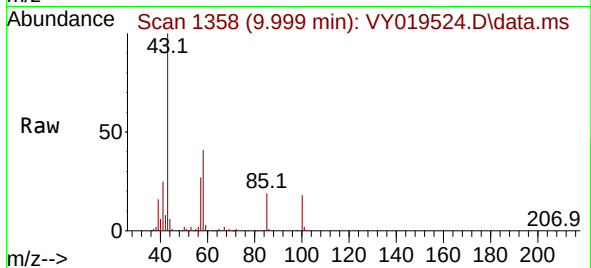
Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.0	78.0





#51
4-Methyl-2-Pentanone
Concen: 20.609 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY019524.D
Acq: 12 Sep 2024 13:05

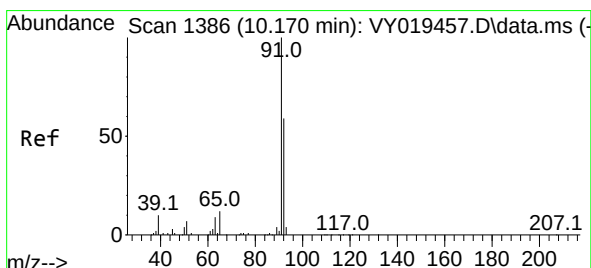
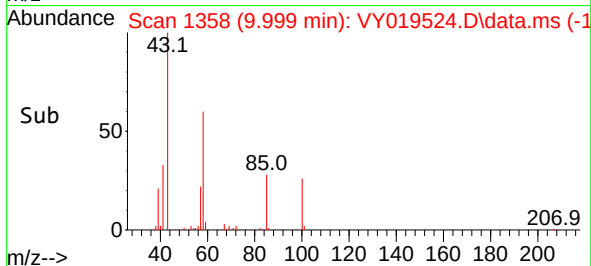
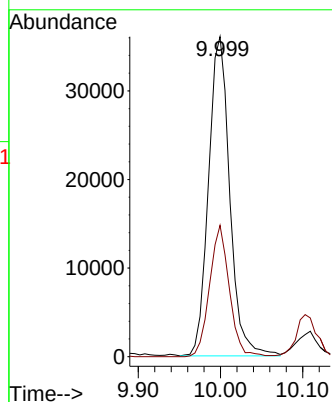
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion: 43 Resp: 64648
Ion Ratio Lower Upper
43 100
58 38.2 35.7 53.5

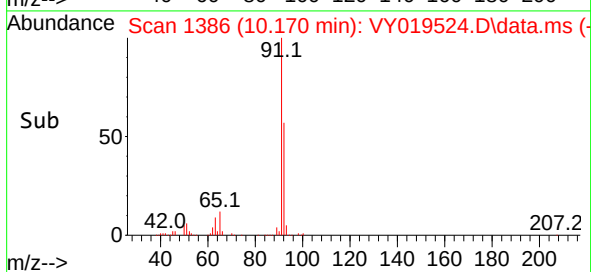
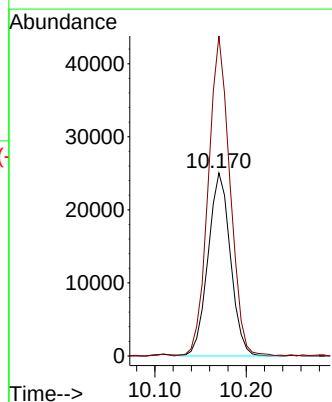
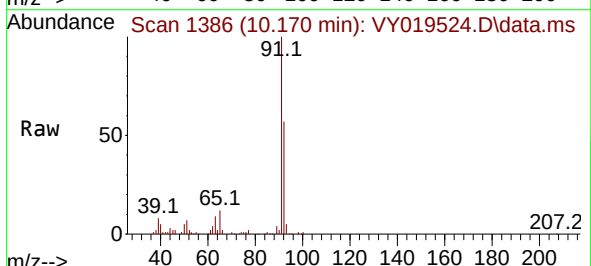
Manual Integrations
APPROVED

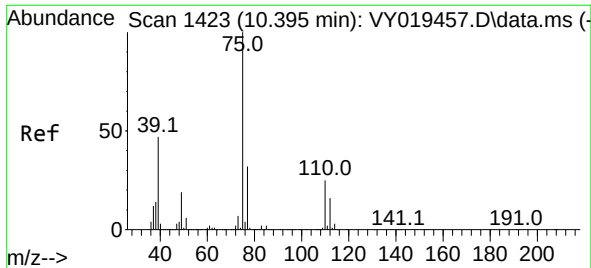
Reviewed By :Mahesh Dadoda 09/13/2024
Supervised By :Semsettin Yesilyurt 09/13/2024



#52
Toluene
Concen: 3.705 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY019524.D
Acq: 12 Sep 2024 13:05

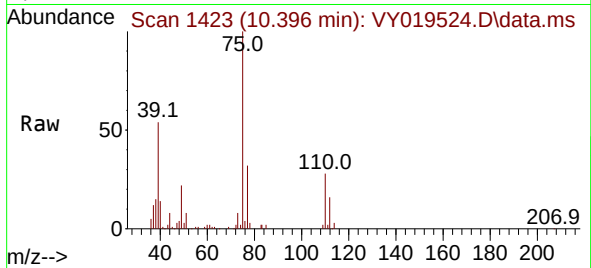
Tgt Ion: 92 Resp: 42510
Ion Ratio Lower Upper
92 100
91 170.3 139.0 208.6





#53
t-1,3-Dichloropropene
Concen: 3.817 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY019524.D
Acq: 12 Sep 2024 13:05

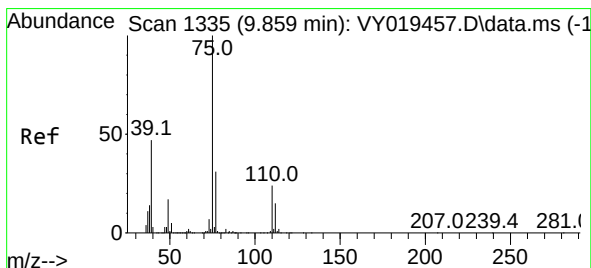
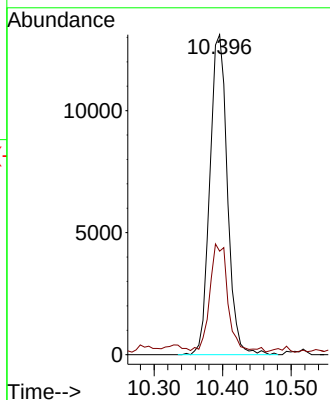
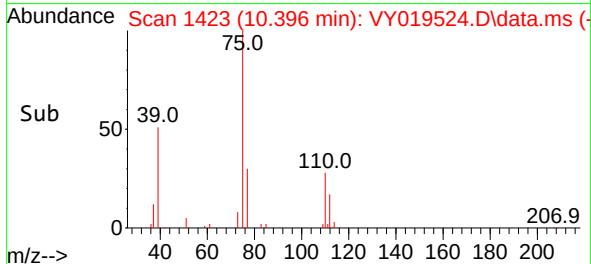
Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT3-2024



Tgt Ion: 75 Resp: 23328
Ion Ratio Lower Upper
75 100
77 30.5 24.1 36.1

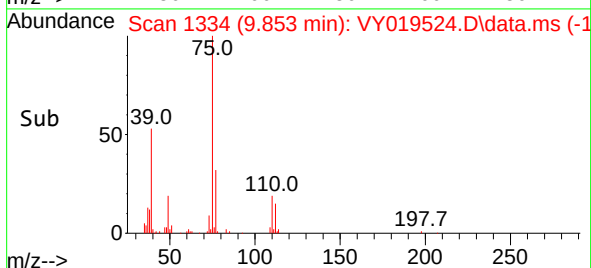
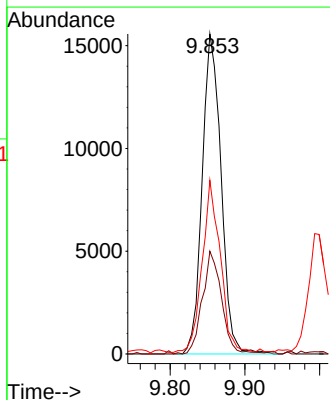
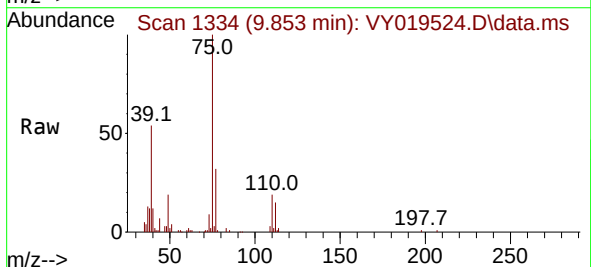
Manual Integrations
APPROVED

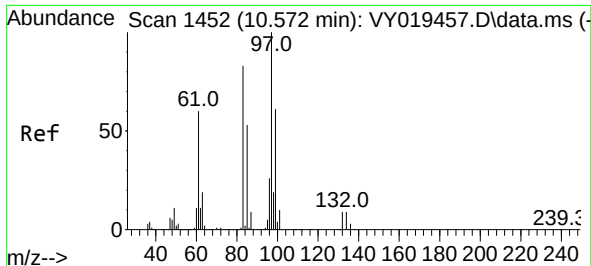
Reviewed By :Mahesh Dadoda 09/13/2024
Supervised By :Semsettin Yesilyurt 09/13/2024



#54
cis-1,3-Dichloropropene
Concen: 3.843 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.006 min
Lab File: VY019524.D
Acq: 12 Sep 2024 13:05

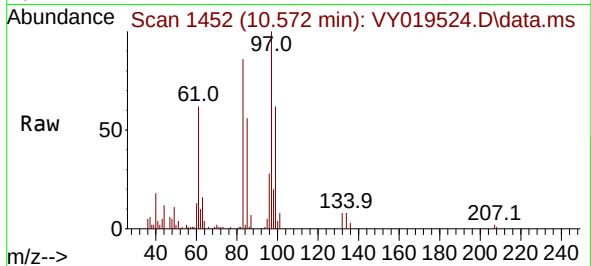
Tgt Ion: 75 Resp: 27353
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.0
39 53.2 29.8 44.6#





#55
1,1,2-Trichloroethane
Concen: 4.439 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY019524.D
Acq: 12 Sep 2024 13:05

Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT3-2024

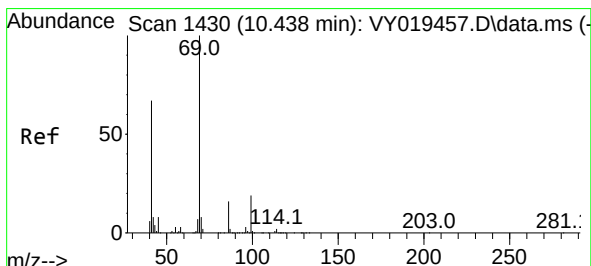
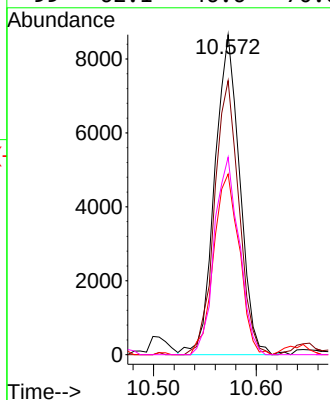
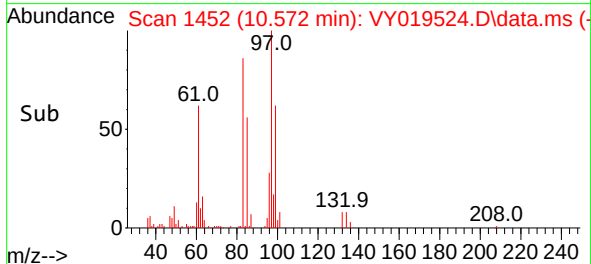


Tgt Ion: 97 Resp: 1462

Ion	Ratio	Lower	Upper
97	100		
83	86.2	67.5	101.3
85	56.8	42.9	64.3
99	62.1	46.6	70.0

Manual Integrations
APPROVED

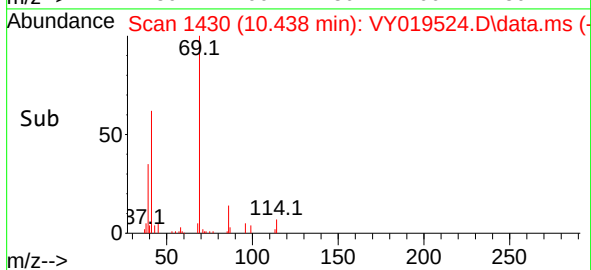
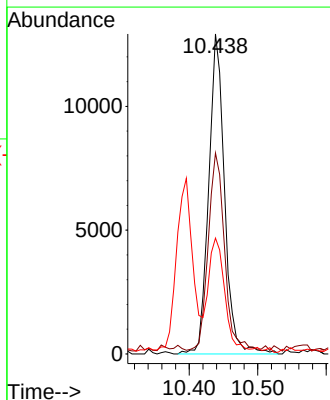
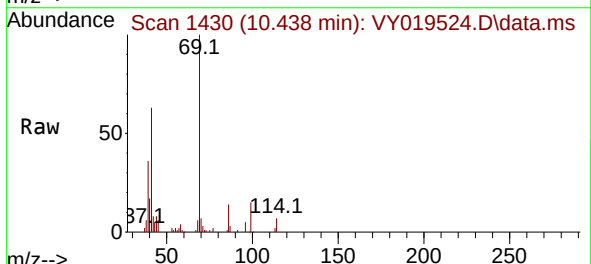
Reviewed By :Mahesh Dadoda 09/13/2024
Supervised By :Semsettin Yesilyurt 09/13/2024

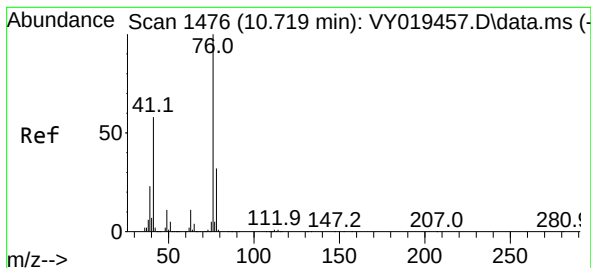


#56
Ethyl methacrylate
Concen: 4.160 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY019524.D
Acq: 12 Sep 2024 13:05

Tgt Ion: 69 Resp: 20817

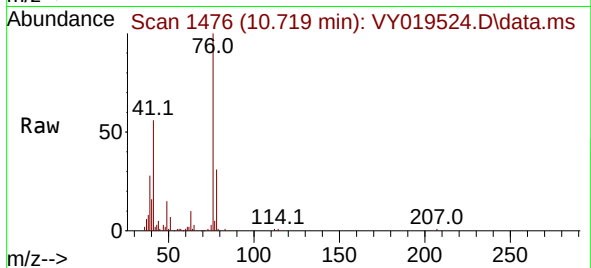
Ion	Ratio	Lower	Upper
69	100		
41	62.8	42.3	63.5
39	37.4	22.9	34.3





#57
1,3-Dichloropropane
Concen: 4.044 ug/l
RT: 10.719 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VY019524.D
Acq: 12 Sep 2024 13:05

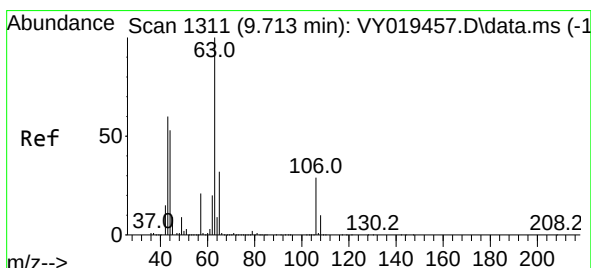
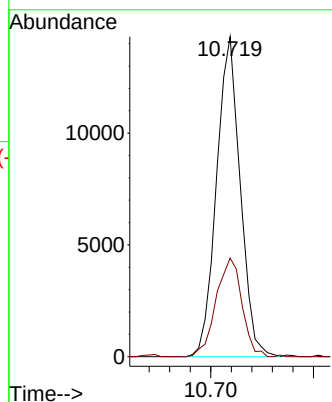
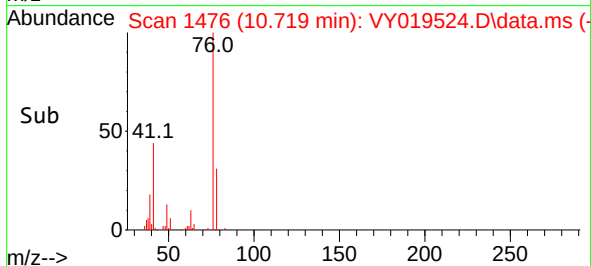
Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT3-2024



Tgt Ion: 76 Resp: 2289
Ion Ratio Lower Upper
76 100
78 33.6 26.2 39.4

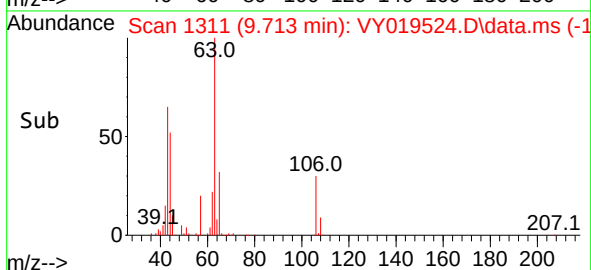
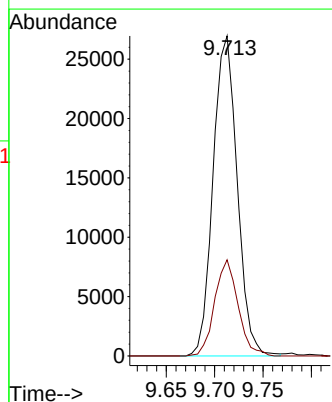
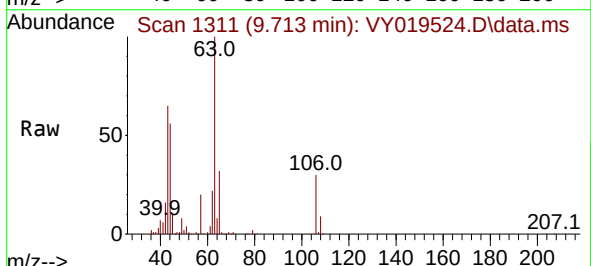
Manual Integrations
APPROVED

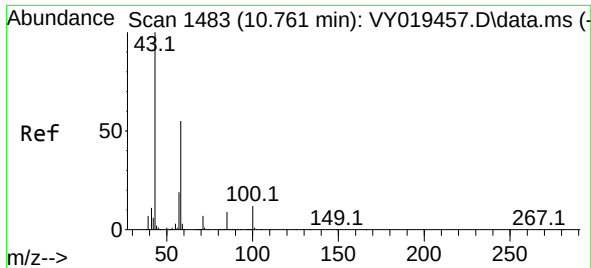
Reviewed By :Mahesh Dadoda 09/13/2024
Supervised By :Semsettin Yesilyurt 09/13/2024



#58
2-Chloroethyl Vinyl ether
Concen: 20.130 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VY019524.D
Acq: 12 Sep 2024 13:05

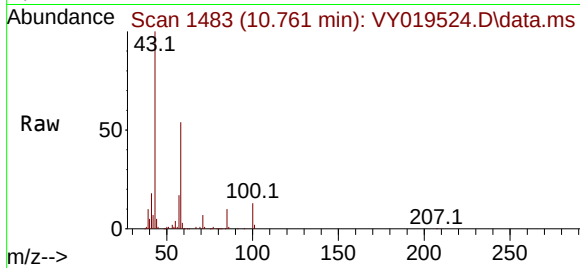
Tgt Ion: 63 Resp: 46747
Ion Ratio Lower Upper
63 100
106 29.1 23.7 35.5





#59
2-Hexanone
Concen: 19.680 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY019524.D
Acq: 12 Sep 2024 13:05

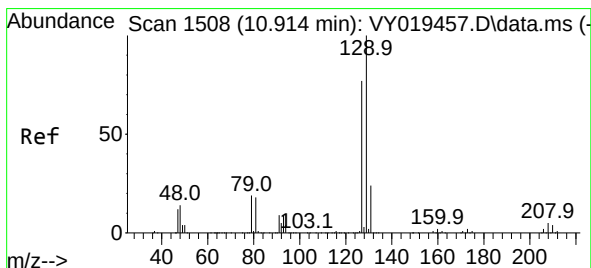
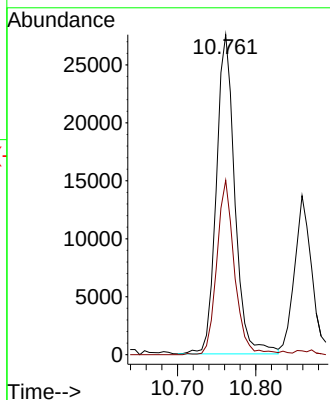
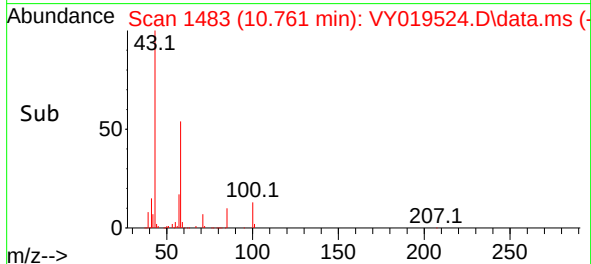
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion: 43 Resp: 45259
Ion Ratio Lower Upper
43 100
58 52.4 31.4 94.0

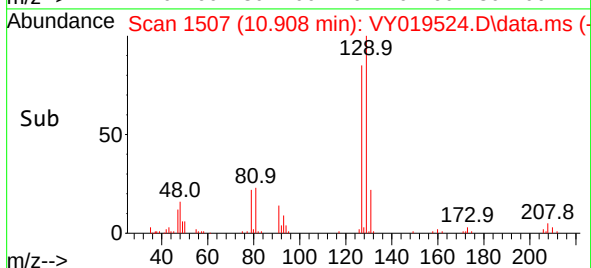
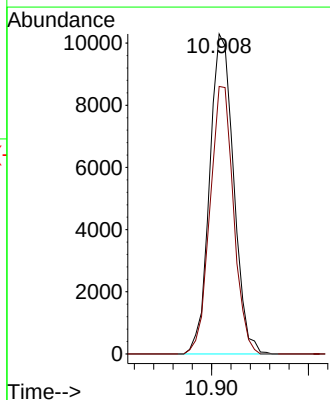
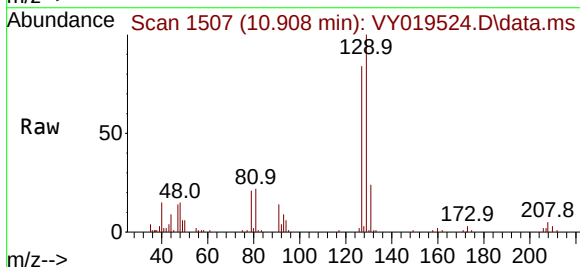
Manual Integrations
APPROVED

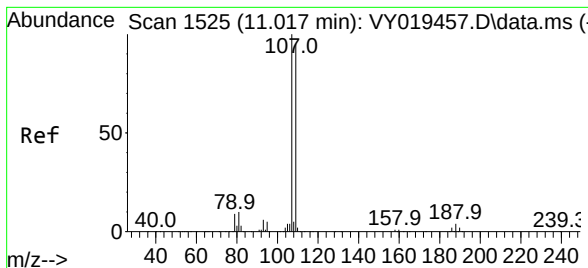
Reviewed By :Mahesh Dadoda 09/13/2024
Supervised By :Semsettin Yesilyurt 09/13/2024



#60
Dibromochloromethane
Concen: 4.067 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY019524.D
Acq: 12 Sep 2024 13:05

Tgt Ion:129 Resp: 17720
Ion Ratio Lower Upper
129 100
127 81.8 39.0 117.0





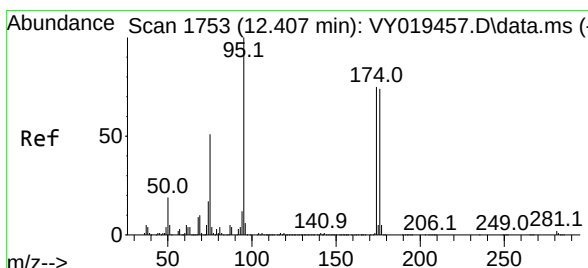
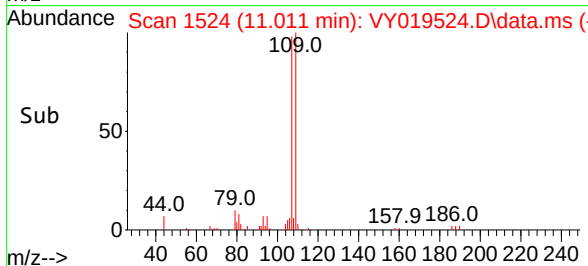
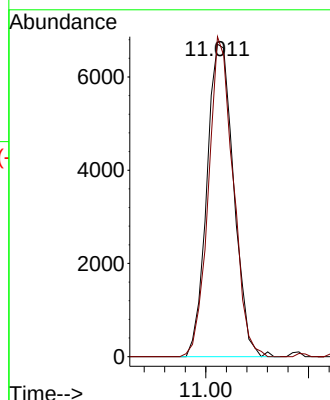
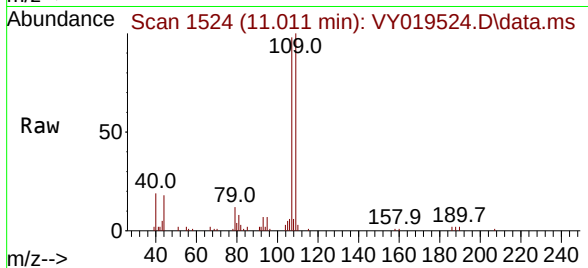
#61
1,2-Dibromoethane
Concen: 3.956 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY019524.D
Acq: 12 Sep 2024 13:05

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024

Tgt Ion: 107 Resp: 1214
Ion Ratio Lower Upper
107 100
109 94.1 75.9 113.9

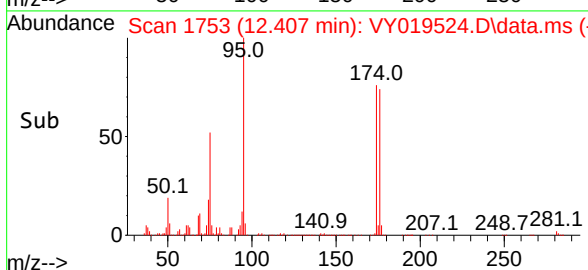
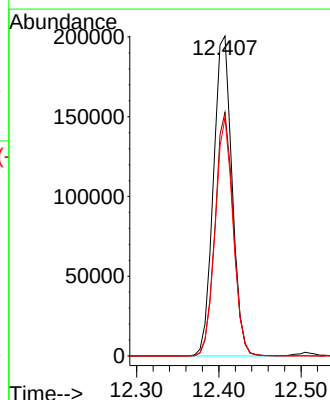
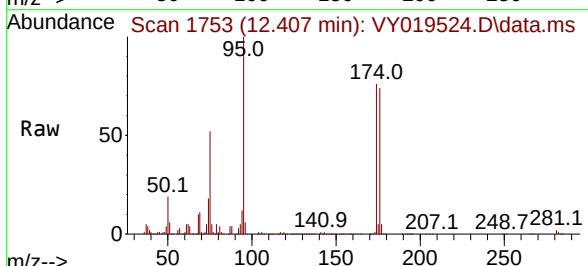
Manual Integrations
APPROVED

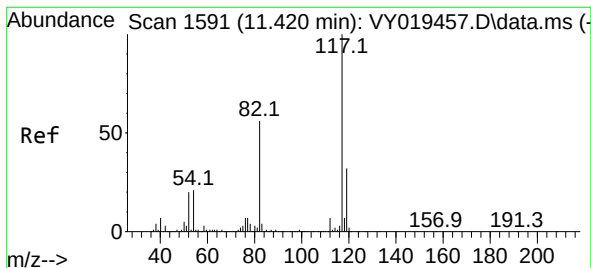
Reviewed By :Mahesh Dadoda 09/13/2024
Supervised By :Semsettin Yesilyurt 09/13/2024



#62
4-Bromofluorobenzene
Concen: 52.097 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019524.D
Acq: 12 Sep 2024 13:05

Tgt Ion: 95 Resp: 315402
Ion Ratio Lower Upper
95 100
174 74.2 0.0 175.6
176 71.7 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019524.D

Acq: 12 Sep 2024 13:05

Instrument :

MSVOA_Y

ClientSampleId :

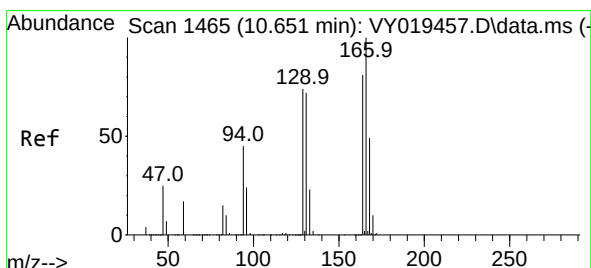
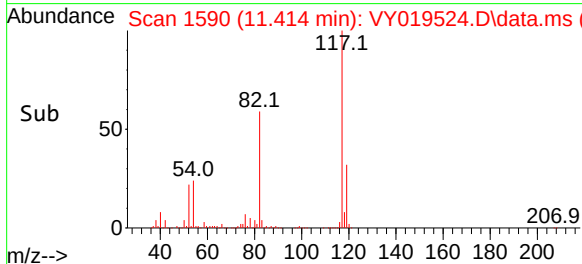
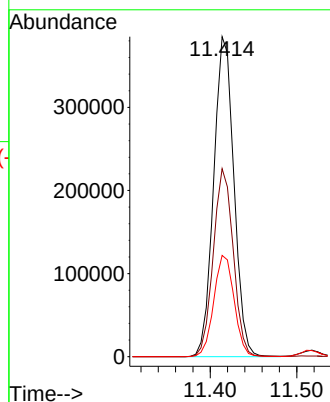
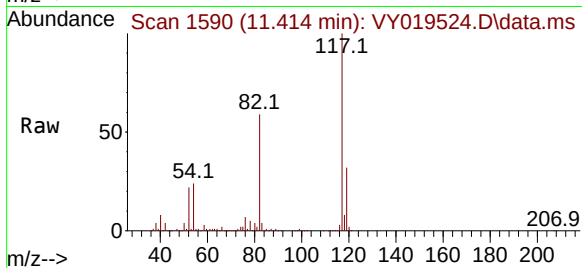
MDL-SOIL-03-QT3-2024

Tgt Ion:117	Resp: 62677
Ion Ratio	Lower Upper
117 100	
82 58.8	42.4 63.6
119 31.6	25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/13/2024
Supervised By :Semsettin Yesilyurt 09/13/2024



#64

Tetrachloroethene

Concen: 3.816 ug/l

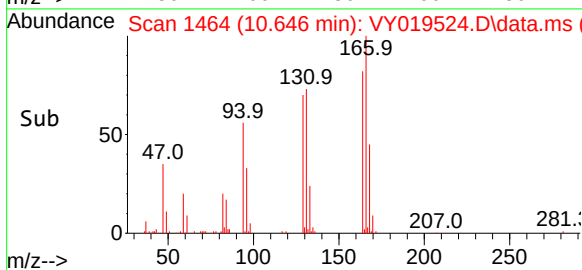
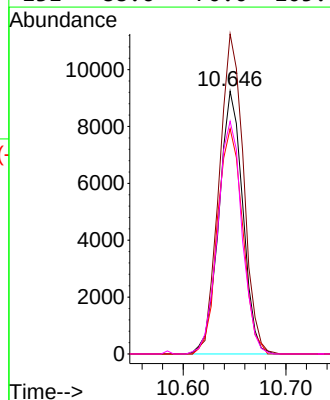
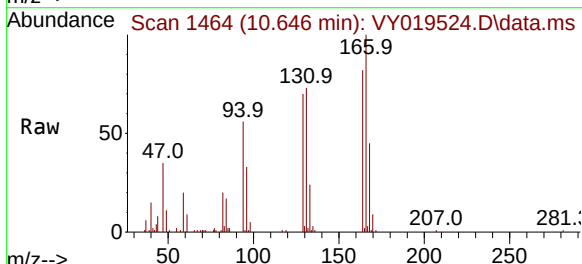
RT: 10.646 min Scan# 1464

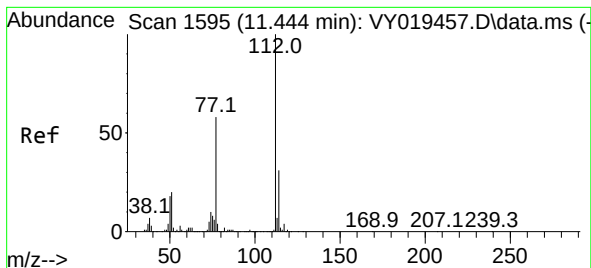
Delta R.T. -0.006 min

Lab File: VY019524.D

Acq: 12 Sep 2024 13:05

Tgt Ion:164	Resp: 14811
Ion Ratio	Lower Upper
164 100	
166 121.8	102.6 154.0
129 85.7	72.0 108.0
131 88.6	70.0 105.0





#65

Chlorobenzene

Concen: 4.071 ug/l

RT: 11.438 min Scan# 1594

Delta R.T. -0.006 min

Lab File: VY019524.D

Acq: 12 Sep 2024 13:05

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT3-2024

Tgt Ion:112 Resp: 5019

Ion Ratio Lower Upper

112 100

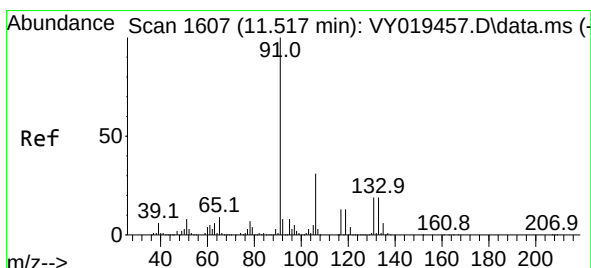
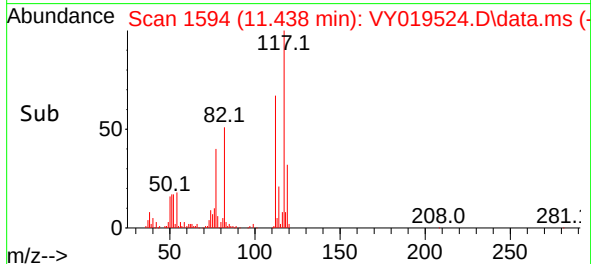
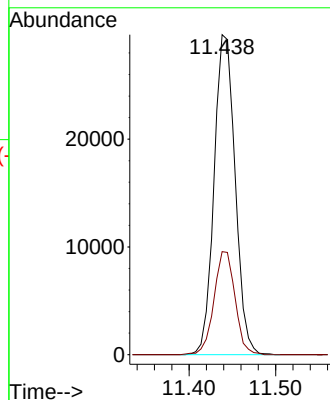
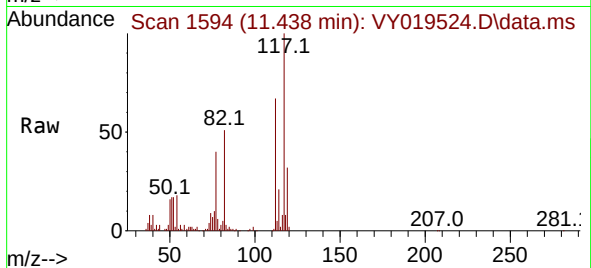
114 32.2 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/13/2024

Supervised By :Semsettin Yesilyurt 09/13/2024



#66

1,1,1,2-Tetrachloroethane

Concen: 4.111 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY019524.D

Acq: 12 Sep 2024 13:05

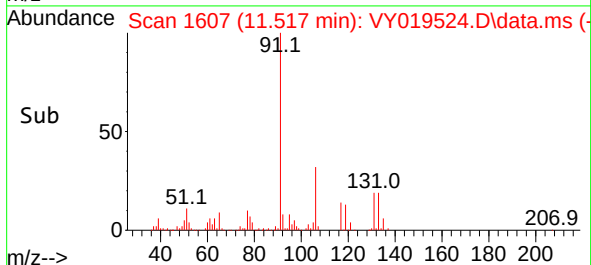
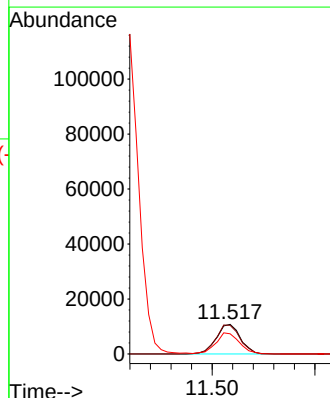
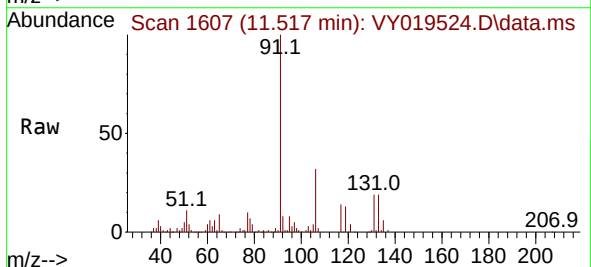
Tgt Ion:131 Resp: 17549

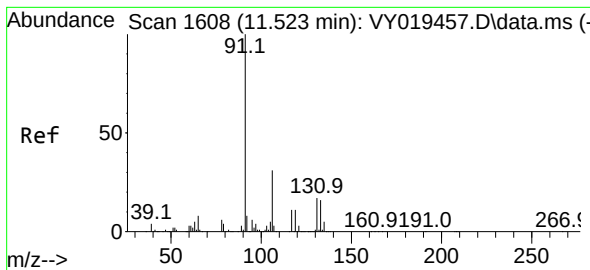
Ion Ratio Lower Upper

131 100

133 98.5 47.8 143.3

119 69.5 34.1 102.2





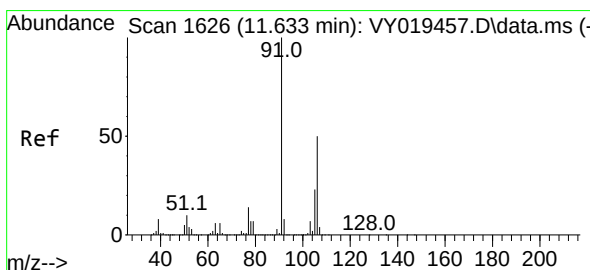
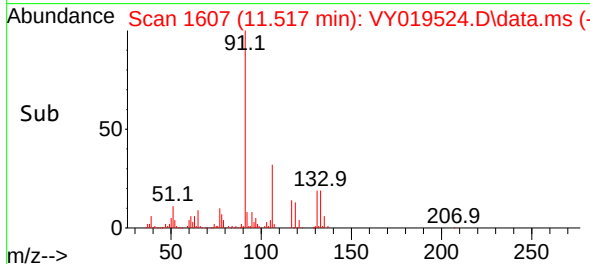
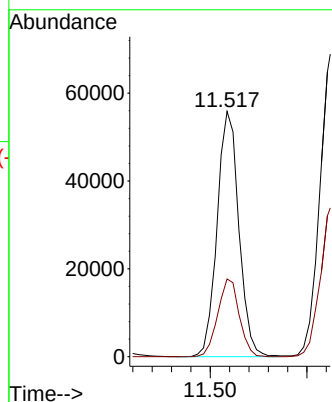
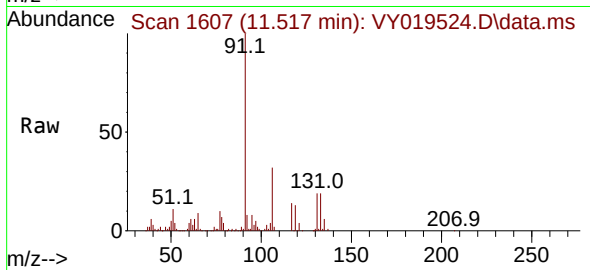
#67
Ethyl Benzene
Concen: 3.974 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.006 min
Lab File: VY019524.D
Acq: 12 Sep 2024 13:05

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024

Tgt Ion: 91 Resp: 87063
Ion Ratio Lower Upper
91 100
106 31.7 24.5 36.7

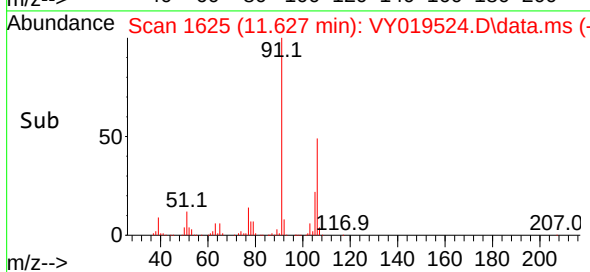
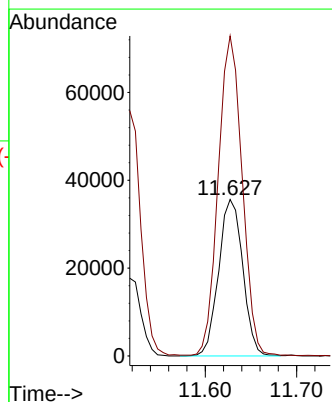
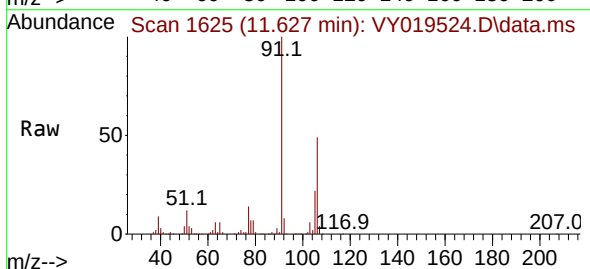
Manual Integrations
APPROVED

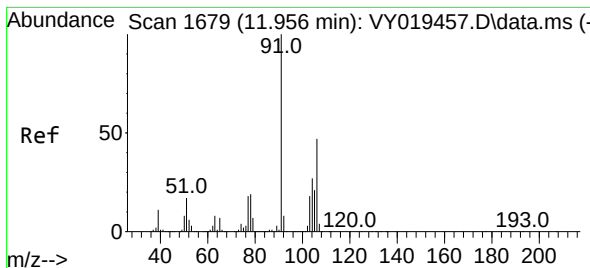
Reviewed By :Mahesh Dadoda 09/13/2024
Supervised By :Semsettin Yesilyurt 09/13/2024



#68
m/p-Xylenes
Concen: 7.908 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.006 min
Lab File: VY019524.D
Acq: 12 Sep 2024 13:05

Tgt Ion:106 Resp: 65501
Ion Ratio Lower Upper
106 100
91 202.2 156.0 234.0





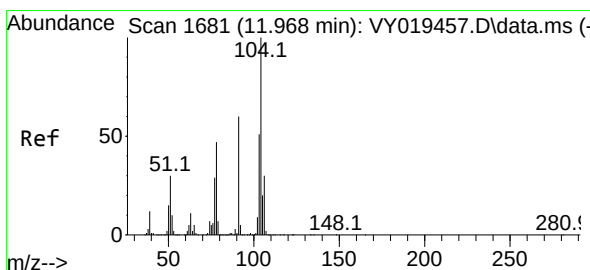
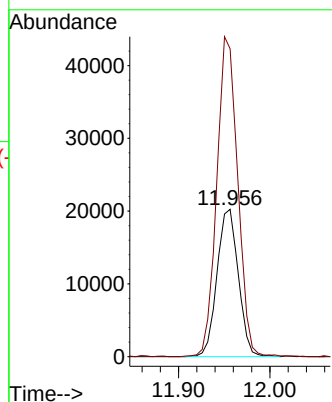
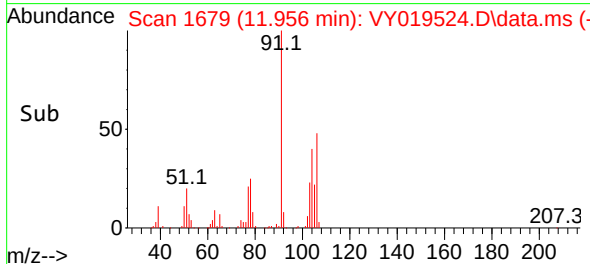
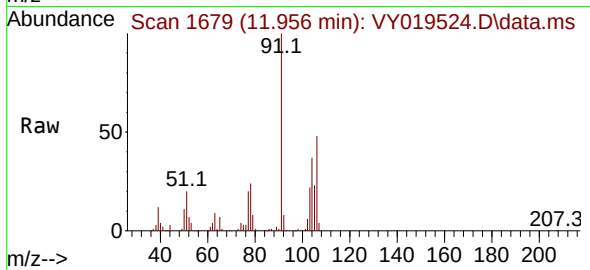
#69
o-Xylene
Concen: 4.058 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.000 min
Lab File: VY019524.D
Acq: 12 Sep 2024 13:05

Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT3-2024

Tgt Ion:106 Resp: 32870
Ion Ratio Lower Upper
106 100
91 213.8 103.6 310.8

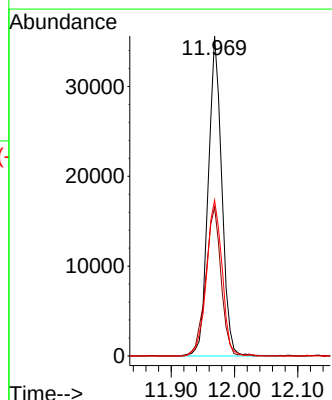
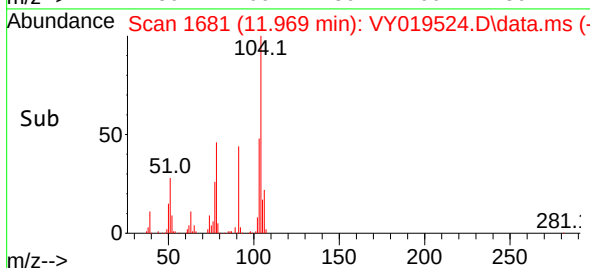
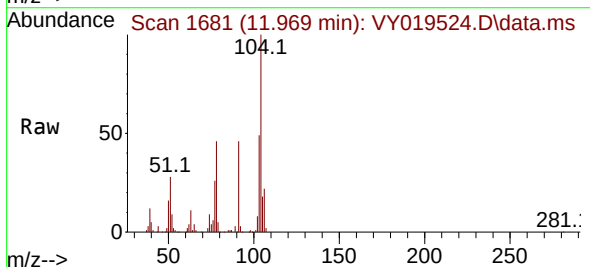
Manual Integrations
APPROVED

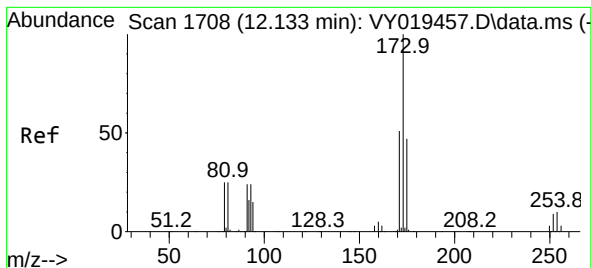
Reviewed By :Mahesh Dadoda 09/13/2024
Supervised By :Semsettin Yesilyurt 09/13/2024



#70
Styrene
Concen: 3.895 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY019524.D
Acq: 12 Sep 2024 13:05

Tgt Ion:104 Resp: 53276
Ion Ratio Lower Upper
104 100
78 52.9 37.0 55.4
103 55.8 44.2 66.2





#71

Bromoform

Concen: 4.197 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. 0.000 min

Lab File: VY019524.D

Acq: 12 Sep 2024 13:05

Instrument :

MSVOA_Y

ClientSampleId :

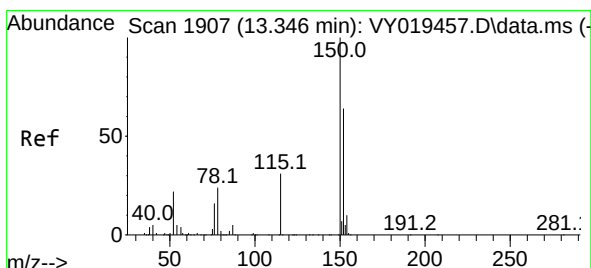
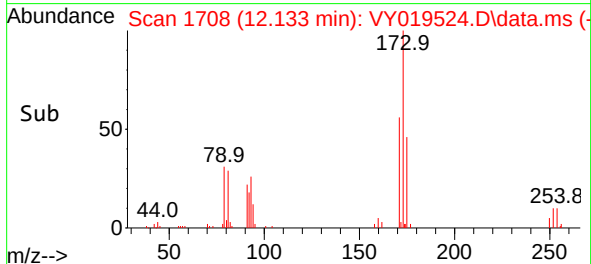
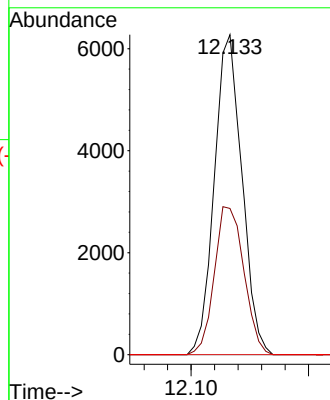
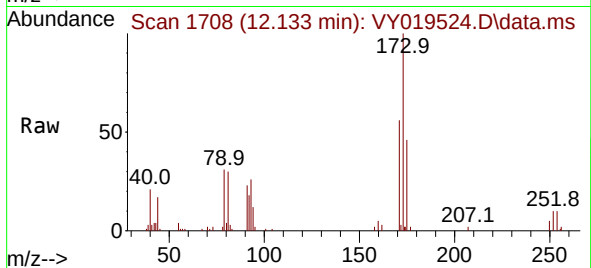
MDL-SOIL-03-QT3-2024

Tgt Ion:	173	Resp:	1023
Ion Ratio	Lower	Upper	
173	100		
175	49.4	25.1	75.3
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/13/2024
Supervised By :Semsettin Yesilyurt 09/13/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

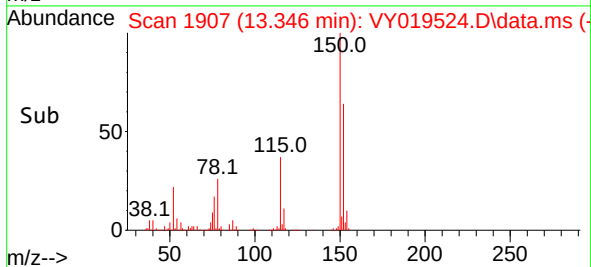
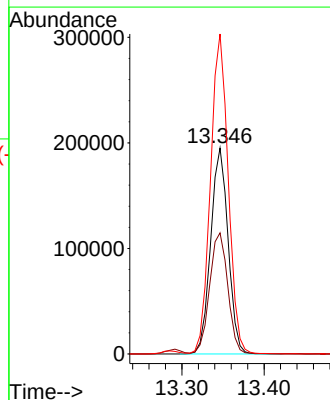
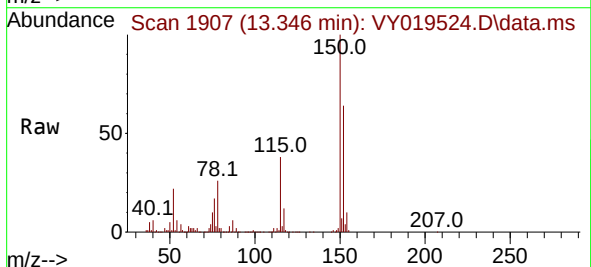
RT: 13.346 min Scan# 1907

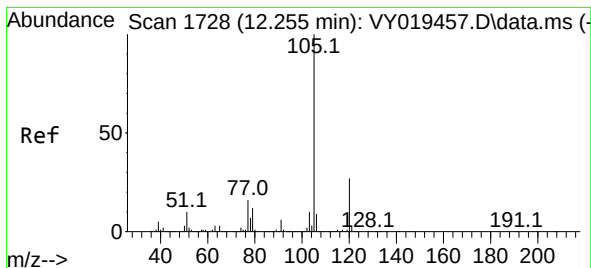
Delta R.T. 0.000 min

Lab File: VY019524.D

Acq: 12 Sep 2024 13:05

Tgt Ion:	152	Resp:	287262
Ion Ratio	Lower	Upper	
152	100		
115	61.3	28.2	84.7
150	158.0	0.0	345.6





#73

Isopropylbenzene

Concen: 4.183 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. 0.000 min

Lab File: VY019524.D

Acq: 12 Sep 2024 13:05

Instrument :

MSVOA_Y

ClientSampleId :

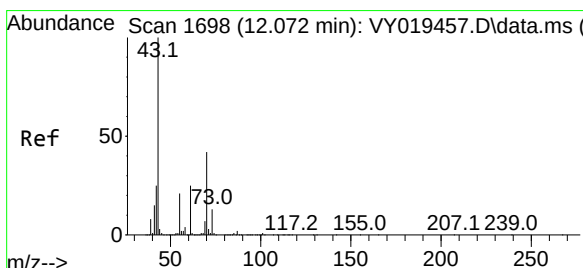
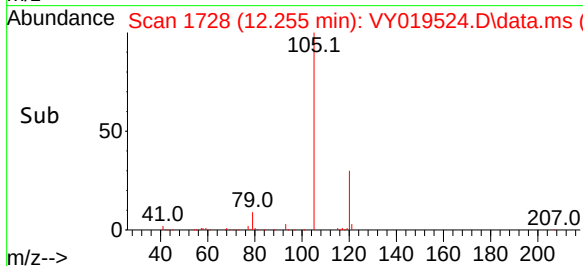
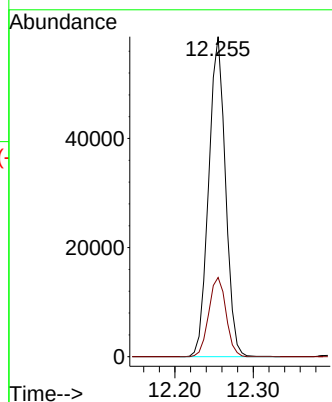
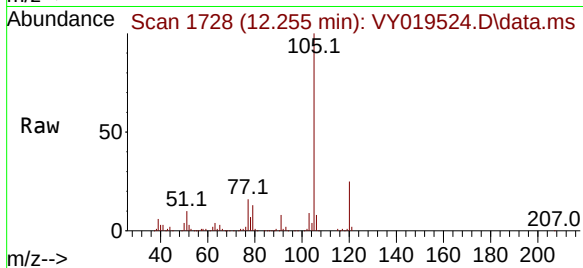
MDL-SOIL-03-QT3-2024

Tgt Ion:	105	Resp:	87179
Ion Ratio	Lower	Upper	
105	100		
120	25.4	13.4	40.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/13/2024
Supervised By :Semsettin Yesilyurt 09/13/2024



#74

N-ethyl acetate

Concen: 4.023 ug/l

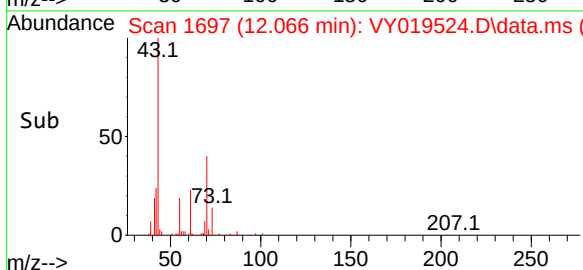
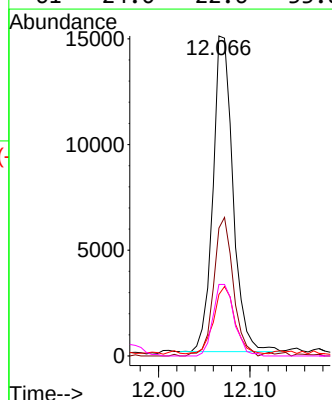
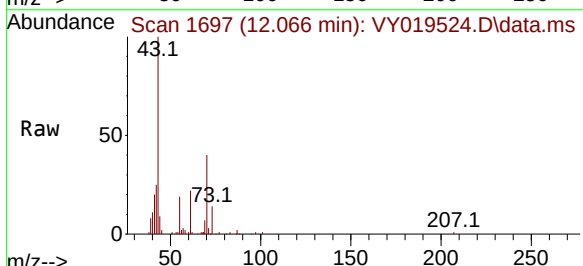
RT: 12.066 min Scan# 1697

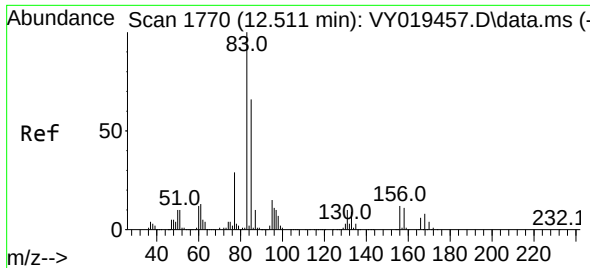
Delta R.T. -0.006 min

Lab File: VY019524.D

Acq: 12 Sep 2024 13:05

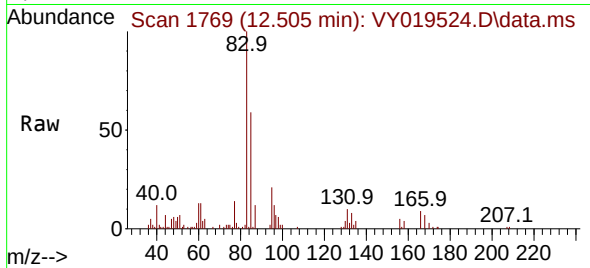
Tgt Ion:	43	Resp:	22799
Ion Ratio	Lower	Upper	
43	100		
70	42.6	41.4	62.2
55	22.4	23.3	34.9#
61	24.0	22.6	33.8





#75
1,1,2,2-Tetrachloroethane
Concen: 4.603 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY019524.D
Acq: 12 Sep 2024 13:05

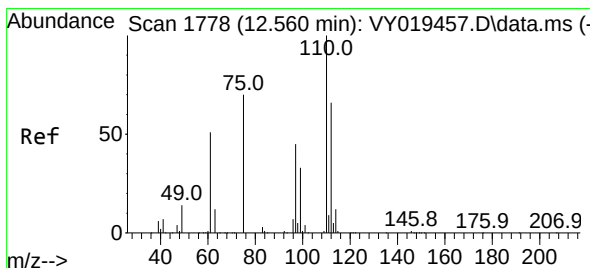
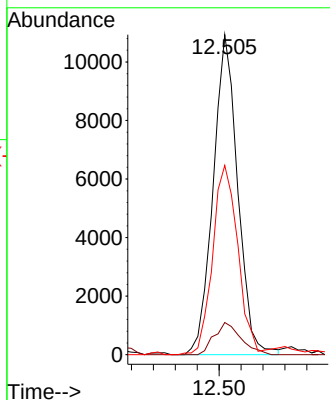
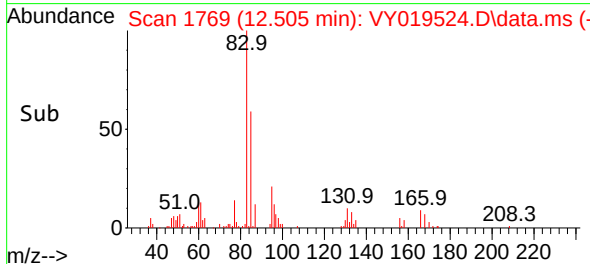
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion: 83 Resp: 17020
Ion Ratio Lower Upper
83 100
131 10.9 5.0 14.9
85 60.7 32.0 96.0

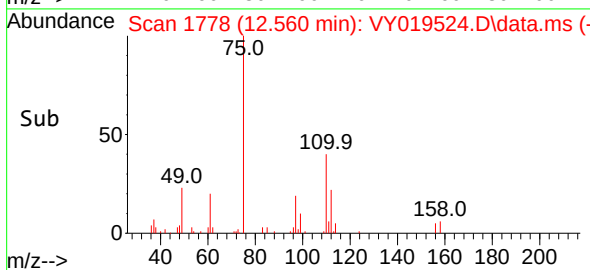
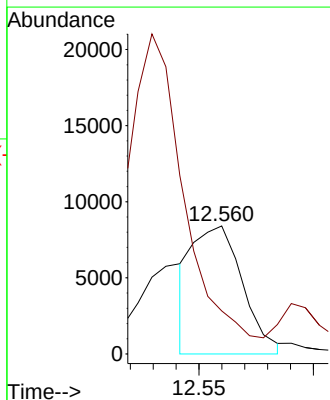
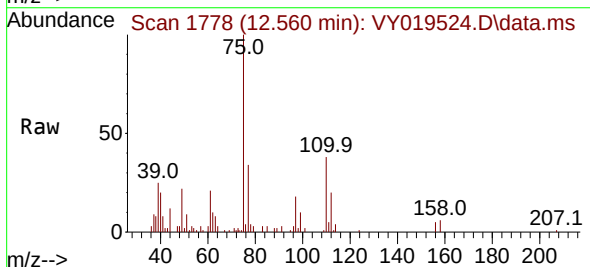
Manual Integrations
APPROVED

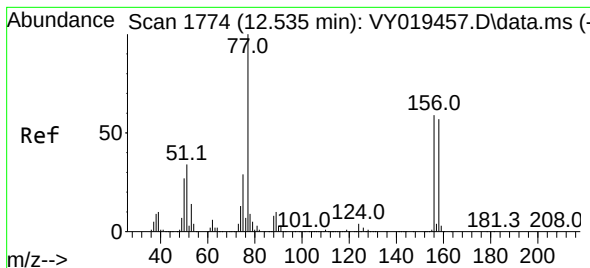
Reviewed By :Mahesh Dadoda 09/13/2024
Supervised By :Semsettin Yesilyurt 09/13/2024



#76
1,2,3-Trichloropropane
Concen: 4.768 ug/l m
RT: 12.560 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VY019524.D
Acq: 12 Sep 2024 13:05

Tgt Ion: 75 Resp: 12837
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 4.331 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY019524.D

Acq: 12 Sep 2024 13:05

Instrument :

MSVOA_Y

ClientSampleId :

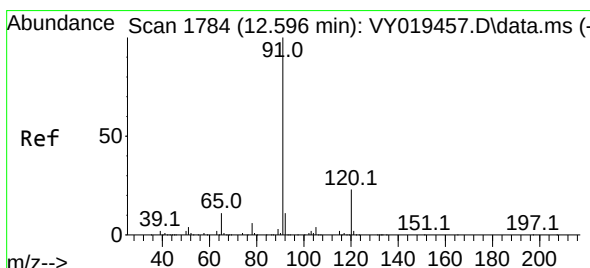
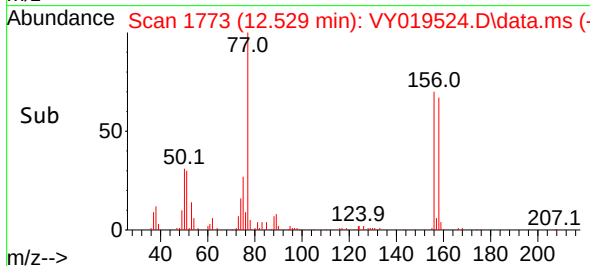
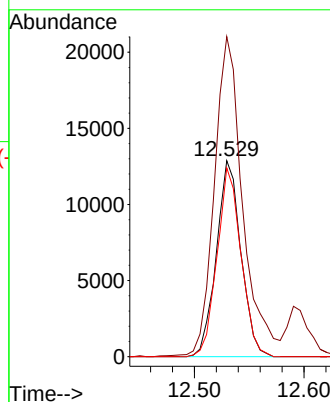
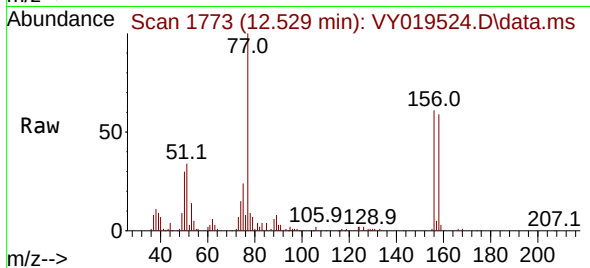
MDL-SOIL-03-QT3-2024

Tgt Ion:	156	Resp:	20010
Ion Ratio	Lower	Upper	
156	100		
77	189.4	87.1	261.3
158	94.3	48.6	145.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/13/2024
Supervised By :Semsettin Yesilyurt 09/13/2024



#78

n-propylbenzene

Concen: 4.121 ug/l

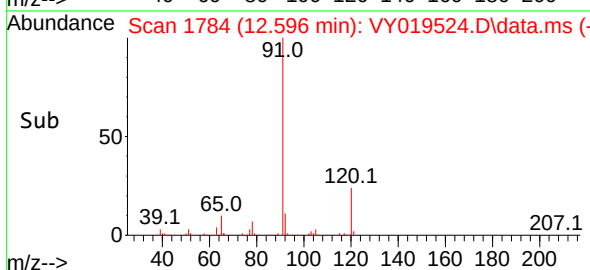
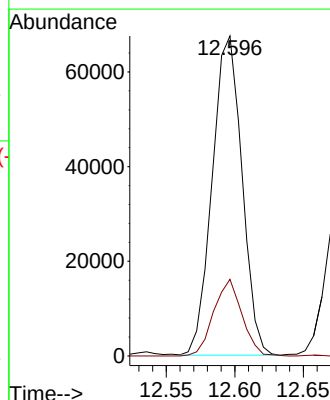
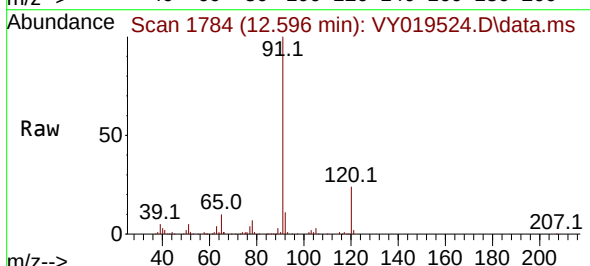
RT: 12.596 min Scan# 1784

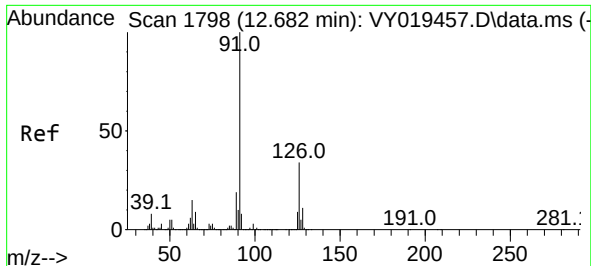
Delta R.T. 0.000 min

Lab File: VY019524.D

Acq: 12 Sep 2024 13:05

Tgt Ion:	91	Resp:	101788
Ion Ratio	Lower	Upper	
91	100		
120	22.8	11.5	34.4





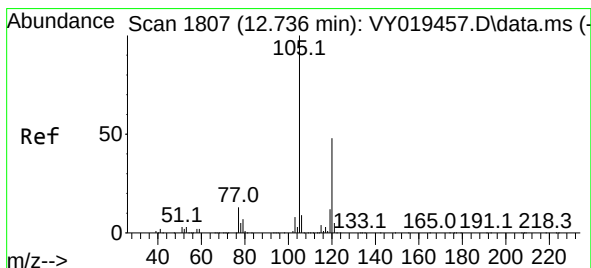
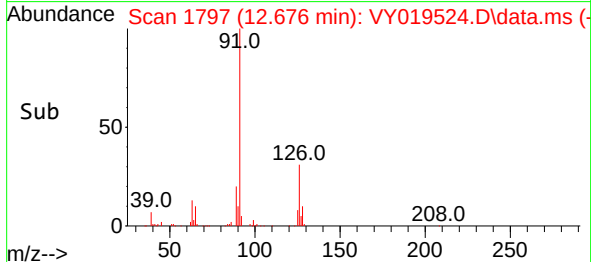
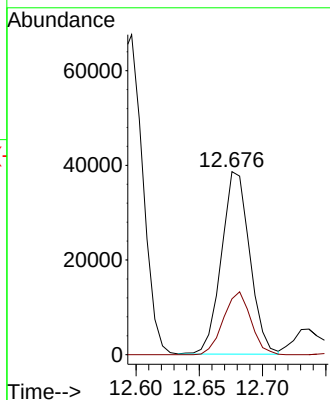
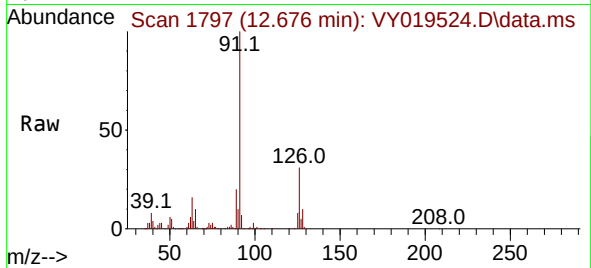
#79
2-Chlorotoluene
Concen: 4.167 ug/l
RT: 12.676 min Scan# 1798
Delta R.T. -0.006 min
Lab File: VY019524.D
Acq: 12 Sep 2024 13:05

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024

Tgt Ion: 91 Resp: 59978
Ion Ratio Lower Upper
91 100
126 33.4 17.8 53.5

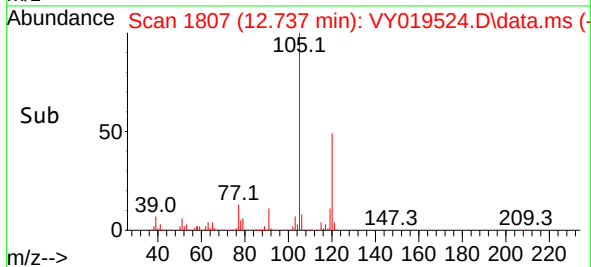
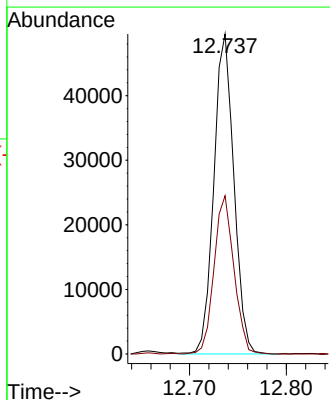
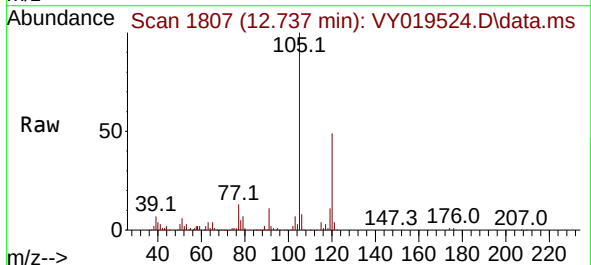
Manual Integrations
APPROVED

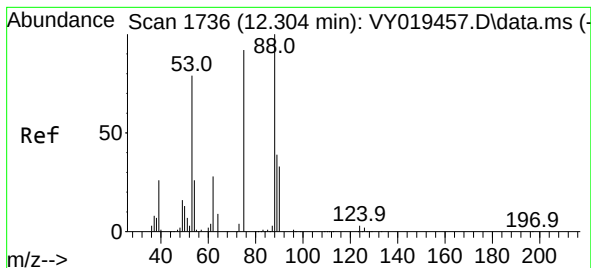
Reviewed By :Mahesh Dadoda 09/13/2024
Supervised By :Semsettin Yesilyurt 09/13/2024



#80
1,3,5-Trimethylbenzene
Concen: 4.200 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY019524.D
Acq: 12 Sep 2024 13:05

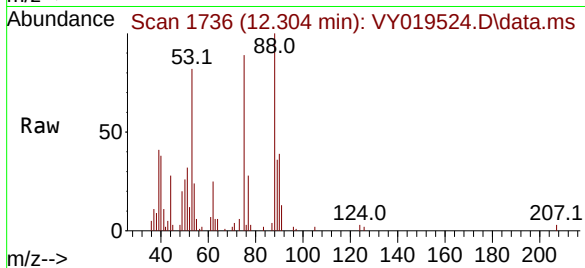
Tgt Ion:105 Resp: 71153
Ion Ratio Lower Upper
105 100
120 49.2 25.1 75.2





#81
trans-1,4-Dichloro-2-butene
Concen: 3.725 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY019524.D
Acq: 12 Sep 2024 13:05

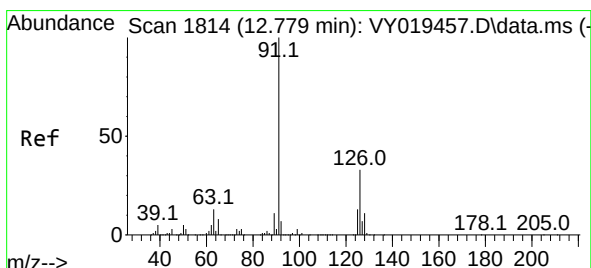
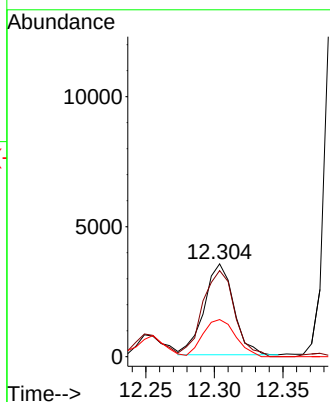
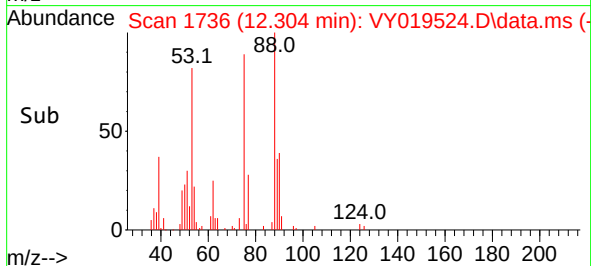
Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT3-2024



Tgt Ion: 75 Resp: 5224
Ion Ratio Lower Upper
75 100
53 103.1 66.8 100.2
89 45.4 35.8 53.6

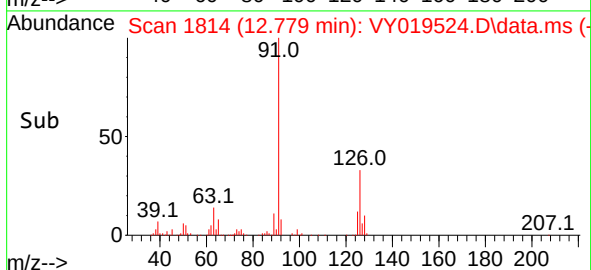
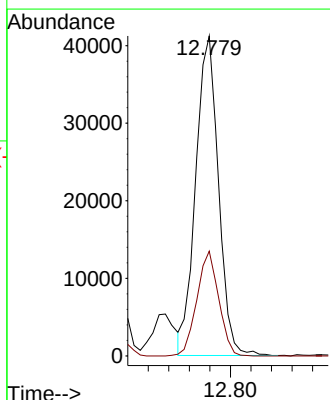
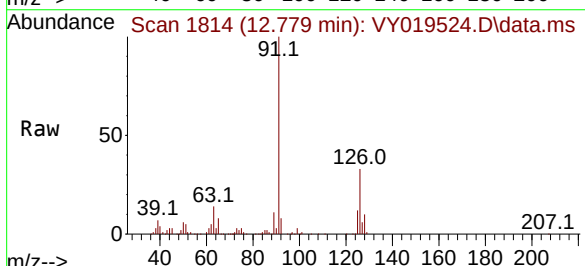
Manual Integrations
APPROVED

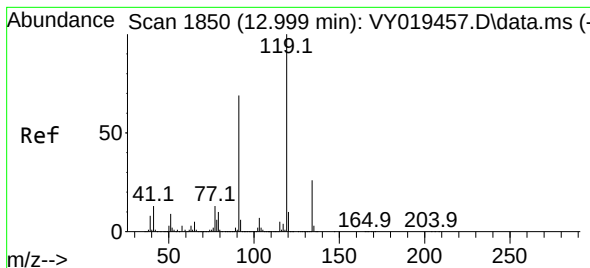
Reviewed By :Mahesh Dadoda 09/13/2024
Supervised By :Semsettin Yesilyurt 09/13/2024



#82
4-Chlorotoluene
Concen: 4.280 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY019524.D
Acq: 12 Sep 2024 13:05

Tgt Ion: 91 Resp: 63342
Ion Ratio Lower Upper
91 100
126 31.6 17.6 52.9





#83

tert-Butylbenzene

Concen: 4.335 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. -0.006 min

Lab File: VY019524.D

Acq: 12 Sep 2024 13:05

Instrument :

MSVOA_Y

ClientSampleId :

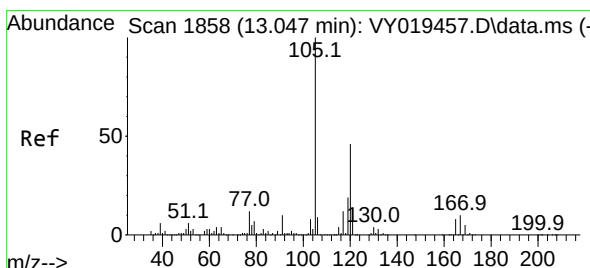
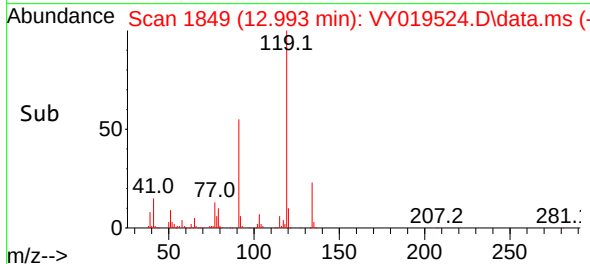
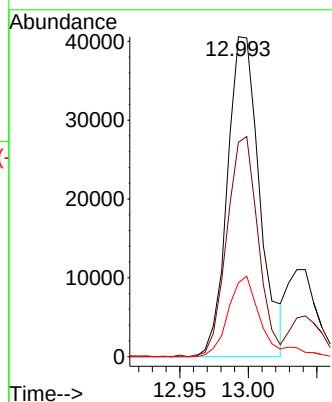
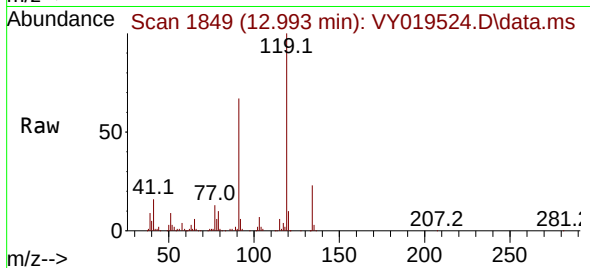
MDL-SOIL-03-QT3-2024

Tgt Ion:119	Resp: 66489
Ion Ratio	Lower Upper
119 100	
91 66.7	31.3 93.8
134 25.8	13.4 40.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/13/2024
Supervised By :Semsettin Yesilyurt 09/13/2024



#84

1,2,4-Trimethylbenzene

Concen: 4.198 ug/l

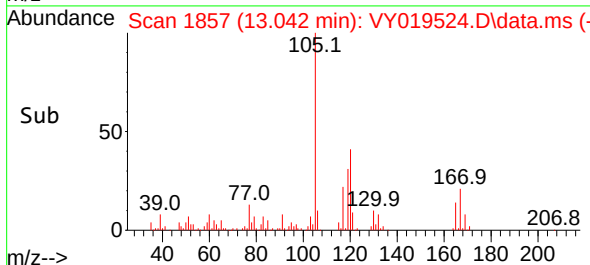
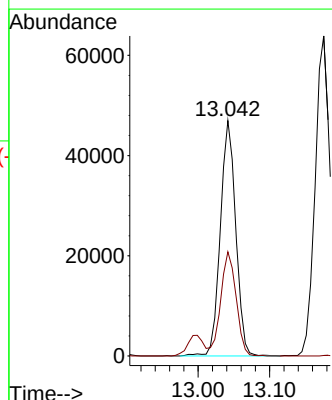
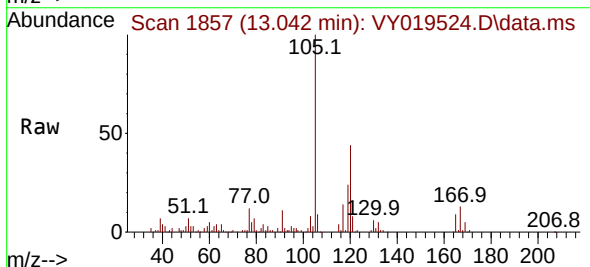
RT: 13.042 min Scan# 1857

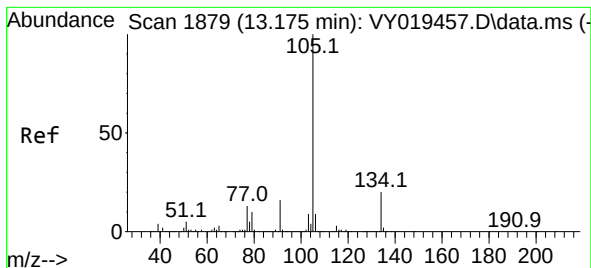
Delta R.T. -0.006 min

Lab File: VY019524.D

Acq: 12 Sep 2024 13:05

Tgt Ion:105	Resp: 70401
Ion Ratio	Lower Upper
105 100	
120 44.4	23.2 69.6





#85

sec-Butylbenzene

Concen: 4.234 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY019524.D

Acq: 12 Sep 2024 13:05

Instrument :

MSVOA_Y

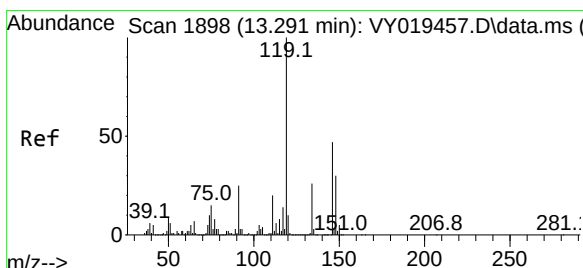
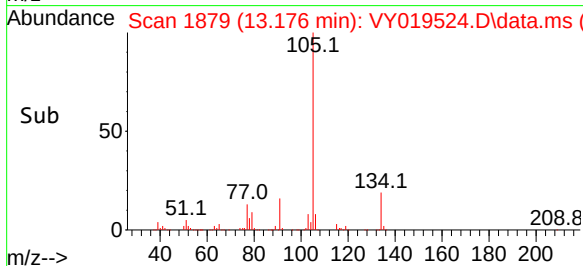
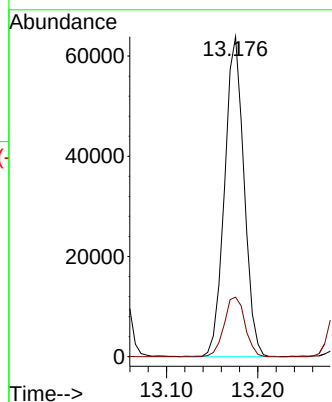
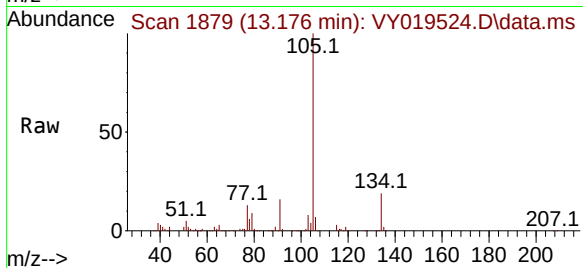
ClientSampleId :

MDL-SOIL-03-QT3-2024

Tgt Ion:105 Resp: 94330
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.1 30.1

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/13/2024
 Supervised By :Semsettin Yesilyurt 09/13/2024



#86

p-Isopropyltoluene

Concen: 4.088 ug/l

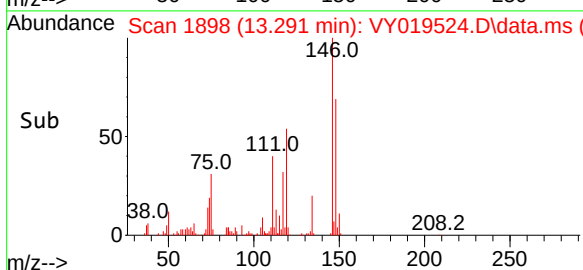
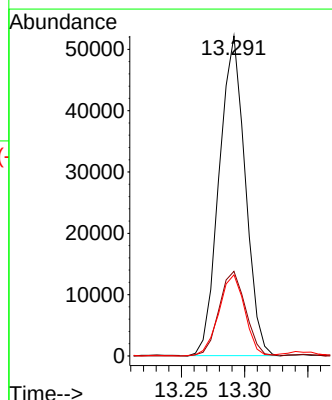
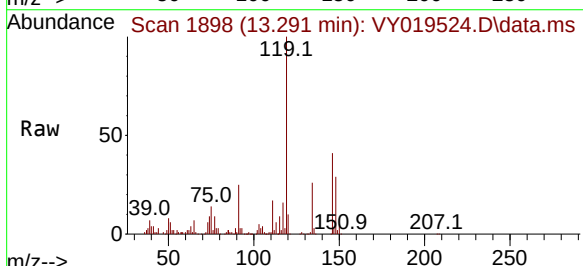
RT: 13.291 min Scan# 1898

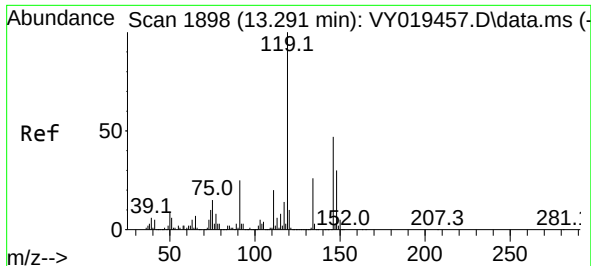
Delta R.T. 0.000 min

Lab File: VY019524.D

Acq: 12 Sep 2024 13:05

Tgt Ion:119 Resp: 74523
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.1 39.3
 91 25.3 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 4.281 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY019524.D

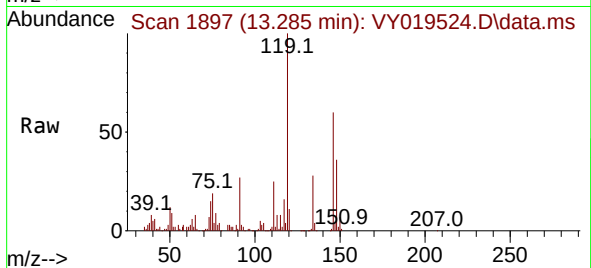
Acq: 12 Sep 2024 13:05

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT3-2024

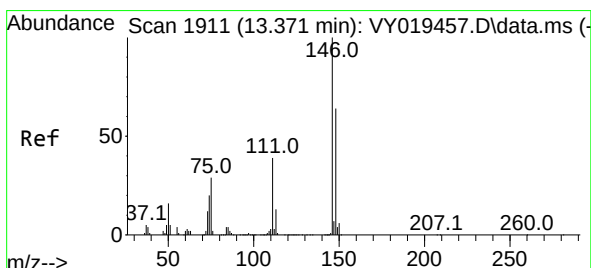
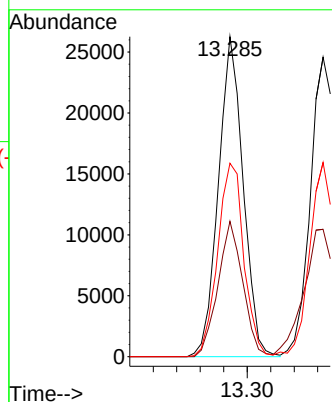
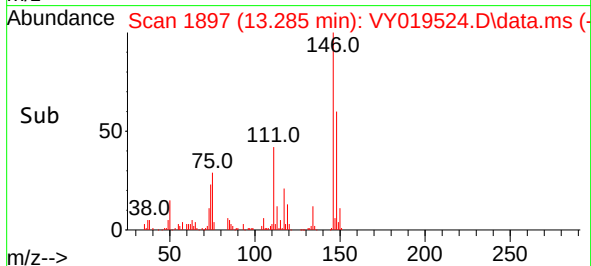


Tgt Ion:146	Resp:	3845
Ion Ratio	Lower	Upper
146	100	
111	42.4	19.0 57.0
148	63.8	31.7 95.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/13/2024
Supervised By :Semsettin Yesilyurt 09/13/2024



#88

1,4-Dichlorobenzene

Concen: 4.363 ug/l

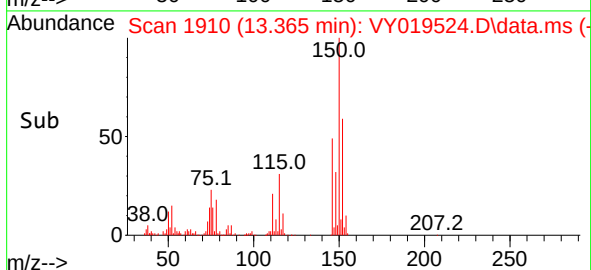
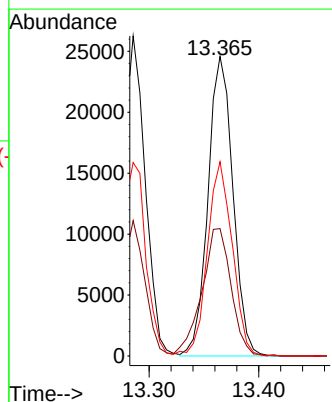
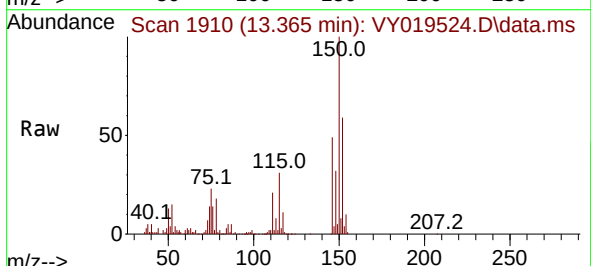
RT: 13.365 min Scan# 1910

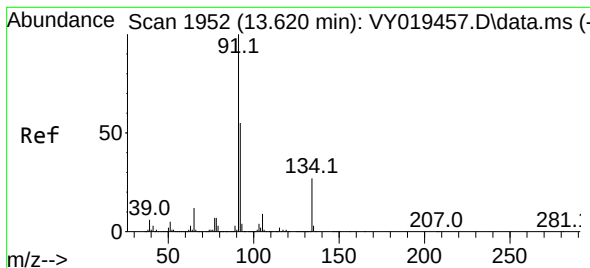
Delta R.T. -0.006 min

Lab File: VY019524.D

Acq: 12 Sep 2024 13:05

Tgt Ion:146	Resp:	38889
Ion Ratio	Lower	Upper
146	100	
111	50.0	18.4 55.4
148	64.8	32.4 97.2





#89

n-Butylbenzene

Concen: 4.060 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY019524.D

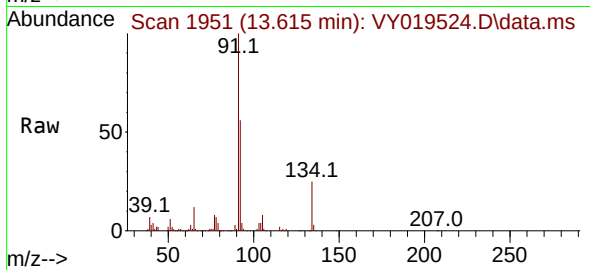
Acq: 12 Sep 2024 13:05

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT3-2024

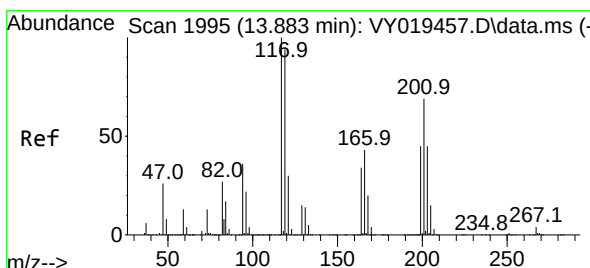
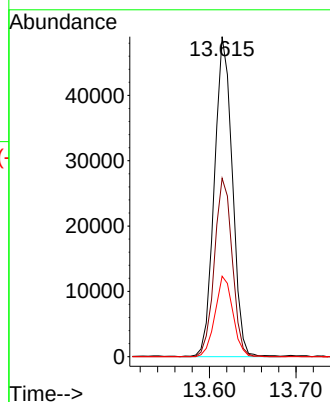
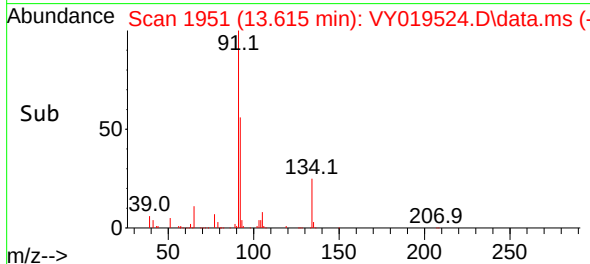


Tgt Ion:	91	Resp:	7075
Ion Ratio	Lower	Upper	
91	100		
92	55.0	26.6	79.7
134	24.8	12.9	38.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/13/2024
Supervised By :Semsettin Yesilyurt 09/13/2024



#90

Hexachloroethane

Concen: 4.115 ug/l

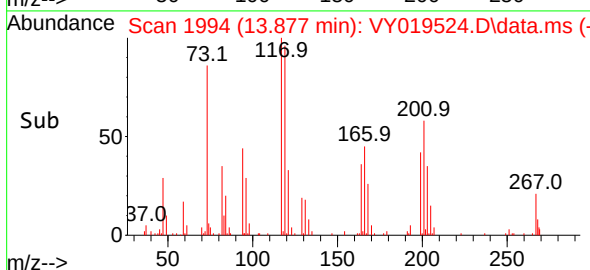
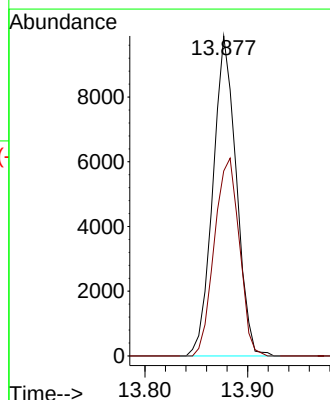
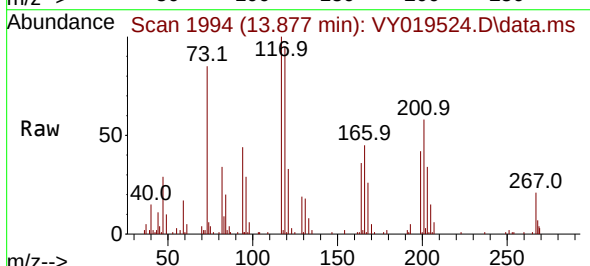
RT: 13.877 min Scan# 1994

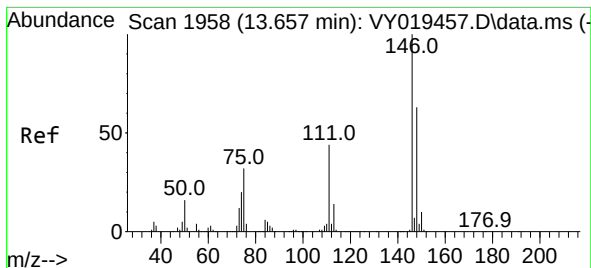
Delta R.T. -0.006 min

Lab File: VY019524.D

Acq: 12 Sep 2024 13:05

Tgt Ion:	117	Resp:	15607
Ion Ratio	Lower	Upper	
117	100		
201	66.0	37.4	112.2





#91

1,2-Dichlorobenzene

Concen: 4.197 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY019524.D

Acq: 12 Sep 2024 13:05

Instrument :

MSVOA_Y

ClientSampleId :

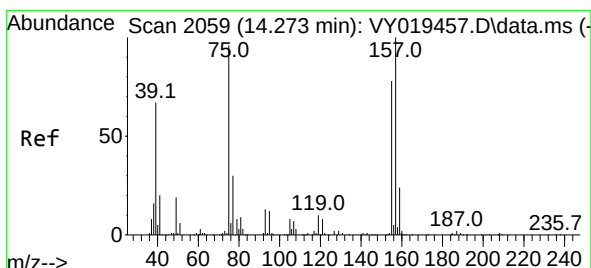
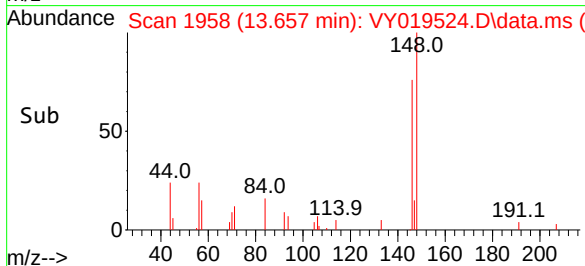
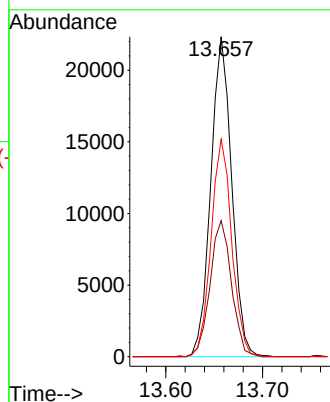
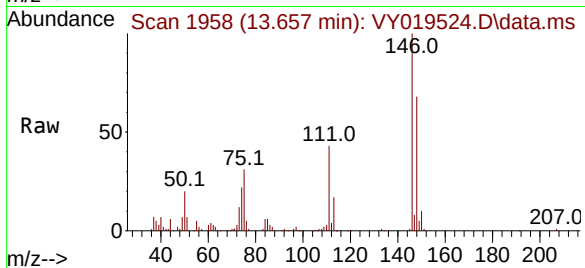
MDL-SOIL-03-QT3-2024

Tgt Ion:	146	Resp:	33639
Ion Ratio	Lower	Upper	
146	100		
111	43.4	19.9	59.7
148	67.1	31.8	95.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/13/2024
Supervised By :Semsettin Yesilyurt 09/13/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.131 ug/l

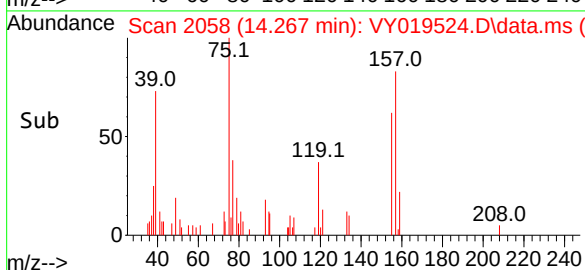
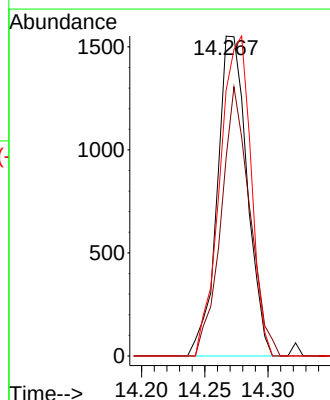
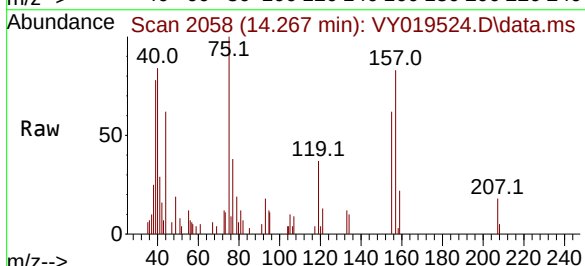
RT: 14.267 min Scan# 2058

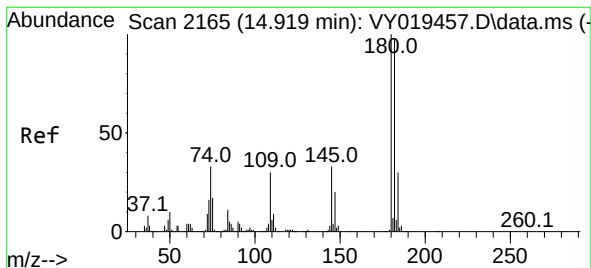
Delta R.T. -0.006 min

Lab File: VY019524.D

Acq: 12 Sep 2024 13:05

Tgt Ion:	75	Resp:	2547
Ion Ratio	Lower	Upper	
75	100		
155	80.7	48.6	145.8
157	103.8	62.7	188.2





#93

1,2,4-Trichlorobenzene

Concen: 3.857 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY019524.D

Acq: 12 Sep 2024 13:05

Instrument :

MSVOA_Y

ClientSampleId :

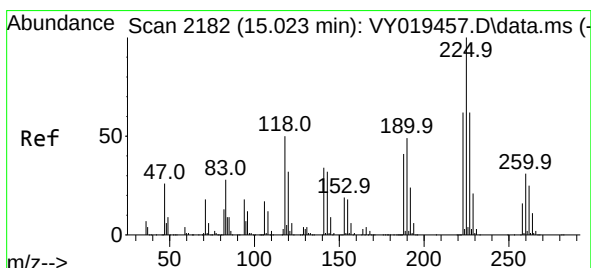
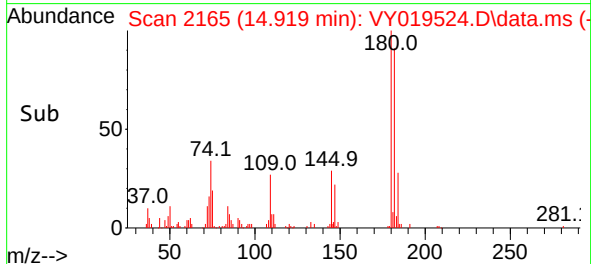
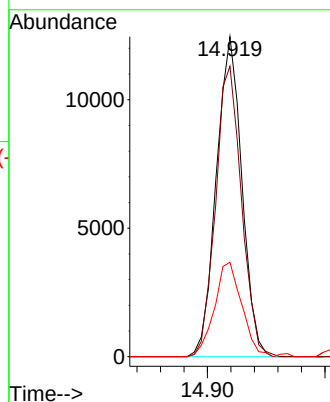
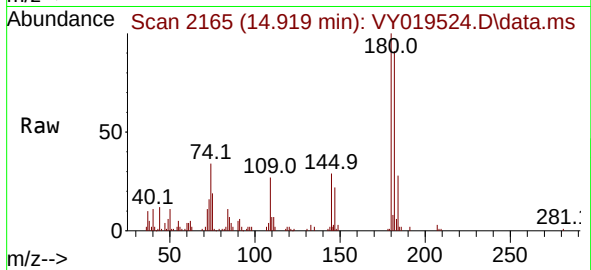
MDL-SOIL-03-QT3-2024

Tgt Ion:180	Resp:	18800
Ion Ratio	Lower	Upper
180	100	
182	91.8	47.9 143.8
145	31.6	14.2 42.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/13/2024
Supervised By :Semsettin Yesilyurt 09/13/2024



#94

Hexachlorobutadiene

Concen: 3.939 ug/l

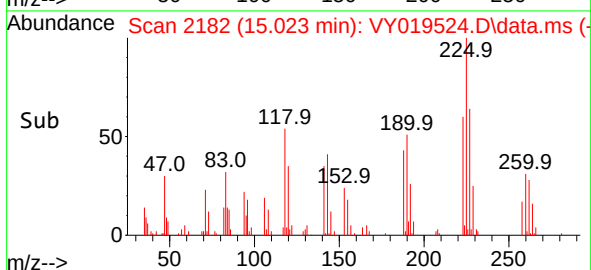
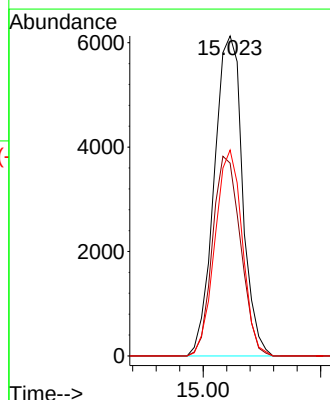
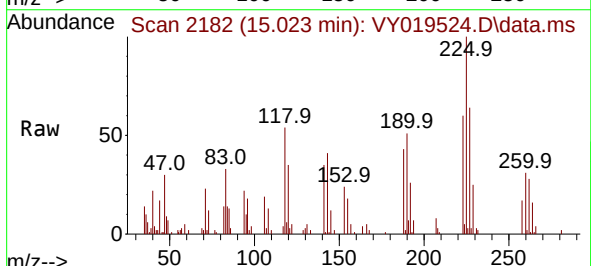
RT: 15.023 min Scan# 2182

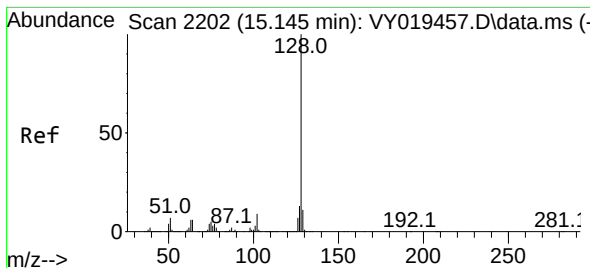
Delta R.T. 0.000 min

Lab File: VY019524.D

Acq: 12 Sep 2024 13:05

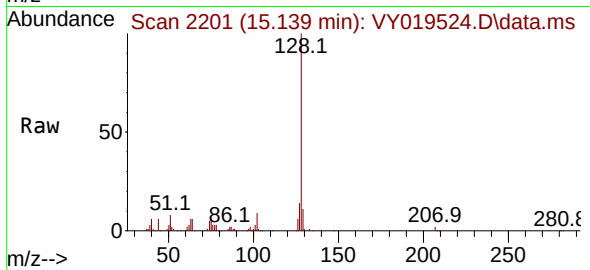
Tgt Ion:225	Resp:	10257
Ion Ratio	Lower	Upper
225	100	
223	61.9	30.4 91.2
227	62.1	31.9 95.9





#95
Naphthalene
Concen: 3.797 ug/l
RT: 15.139 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY019524.D
Acq: 12 Sep 2024 13:05

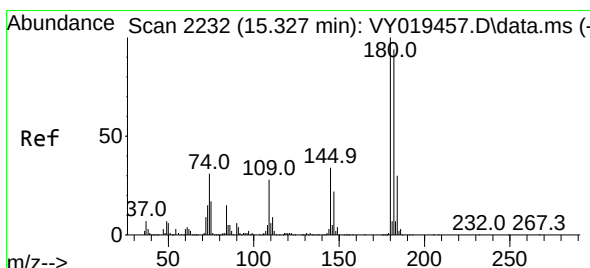
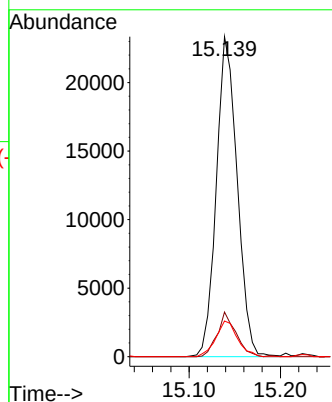
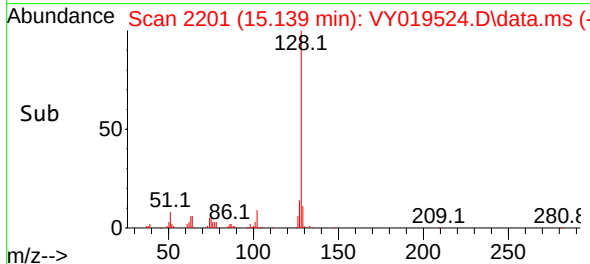
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT3-2024



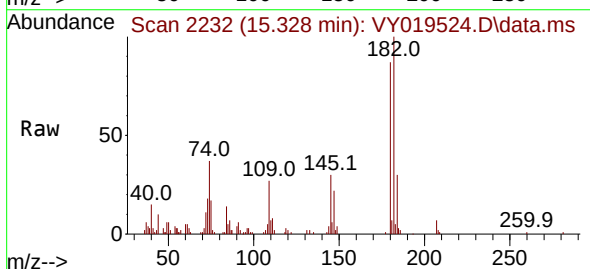
Tgt Ion:128 Resp: 3706
Ion Ratio Lower Upper
128 100
127 12.4 10.6 16.0
129 11.6 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 09/13/2024
Supervised By :Semsettin Yesilyurt 09/13/2024



#96
1,2,3-Trichlorobenzene
Concen: 3.896 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. 0.000 min
Lab File: VY019524.D
Acq: 12 Sep 2024 13:05



Tgt Ion:180 Resp: 16245
Ion Ratio Lower Upper
180 100
182 94.0 47.6 142.9
145 32.9 15.4 46.1

