

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101124\
 Data File : VY019866.D
 Acq On : 11 Oct 2024 12:19
 Operator : SY/MD
 Sample : P4368-03 2.5 PPB
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL-SOIL-03-QT4-2024

Quant Time: Oct 14 01:44:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 10 05:30:07 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/14/2024
 Supervised By :Semsettin Yesilyurt 10/14/2024

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	323401	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	574553	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	470680	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	200188	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	173176	43.489	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	86.980%		
35) Dibromofluoromethane	7.640	113	168491	44.440	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	88.880%		
50) Toluene-d8	10.109	98	623269	44.515	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	89.040%		
62) 4-Bromofluorobenzene	12.408	95	203832	40.291	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	80.580%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	9469	3.145	ug/l	94
3) Chloromethane	2.074	50	14895	3.801	ug/l	93
4) Vinyl Chloride	2.208	62	15335	3.556	ug/l	94
5) Bromomethane	2.598	94	10066	3.688	ug/l	95
6) Chloroethane	2.732	64	9188	3.172	ug/l	94
7) Trichlorofluoromethane	3.068	101	19703	3.071	ug/l	95
8) Diethyl Ether	3.464	74	6064	3.110	ug/l	81
9) 1,1,2-Trichlorotrifluo...	3.824	101	11469	3.073	ug/l	89
10) Methyl Iodide	4.013	142	10813	2.865	ug/l #	84
11) Tert butyl alcohol	4.854	59	8829m	23.667	ug/l	
12) 1,1-Dichloroethene	3.793	96	10370	2.989	ug/l #	81
13) Acrolein	3.659	56	5581	19.074	ug/l	99
14) Allyl chloride	4.385	41	18848	3.011	ug/l #	90
15) Acrylonitrile	5.061	53	11121	12.469	ug/l	94
16) Acetone	3.872	43	12459	12.019	ug/l #	71
17) Carbon Disulfide	4.110	76	33961	3.652	ug/l #	92
18) Methyl Acetate	4.391	43	7367	3.299	ug/l	90
19) Methyl tert-butyl Ether	5.128	73	24704	2.478	ug/l	99
20) Methylene Chloride	4.628	84	19046	4.235	ug/l	90
21) trans-1,2-Dichloroethene	5.110	96	12408	3.286	ug/l	95
22) Diisopropyl ether	6.018	45	37801	2.772	ug/l #	85
23) Vinyl Acetate	5.964	43	107201m	13.714	ug/l	
24) 1,1-Dichloroethane	5.915	63	22721	2.998	ug/l	94
25) 2-Butanone	6.902	43	16934	12.205	ug/l #	76
26) 2,2-Dichloropropane	6.884	77	22045	3.266	ug/l	85
27) cis-1,2-Dichloroethene	6.890	96	13659	2.927	ug/l	75
28) Bromochloromethane	7.250	49	8879	2.661	ug/l #	78
29) Tetrahydrofuran	7.262	42	9449	11.927	ug/l #	80
30) Chloroform	7.427	83	22447	2.905	ug/l	87
31) Cyclohexane	7.701	56	27964	4.203	ug/l #	88
32) 1,1,1-Trichloroethane	7.622	97	20225	2.987	ug/l	96
36) 1,1-Dichloropropene	7.841	75	16984	3.109	ug/l	95
37) Ethyl Acetate	6.982	43	5927	2.081	ug/l #	89
38) Carbon Tetrachloride	7.817	117	16911	2.888	ug/l	99
39) Methylcyclohexane	9.109	83	21080	3.063	ug/l #	88
40) Benzene	8.085	78	52645	3.185	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101124\
 Data File : VY019866.D
 Acq On : 11 Oct 2024 12:19
 Operator : SY/MD
 Sample : P4368-03 2.5 PPB
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL-SOIL-03-QT4-2024

Quant Time: Oct 14 01:44:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 10 05:30:07 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/14/2024
 Supervised By :Semsettin Yesilyurt 10/14/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.238	41	3981m	2.583	ug/l	
42) 1,2-Dichloroethane	8.158	62	13675	2.879	ug/l	94
43) Isopropyl Acetate	8.201	43	13581	2.338	ug/l #	76
44) Trichloroethene	8.872	130	12654	3.161	ug/l	97
45) 1,2-Dichloropropane	9.146	63	11273	2.725	ug/l	96
46) Dibromomethane	9.231	93	5801	2.566	ug/l	89
47) Bromodichloromethane	9.426	83	15681	2.613	ug/l	94
48) Methyl methacrylate	9.225	41	6104	2.389	ug/l	86
49) 1,4-Dioxane	9.231	88	1396	55.175	ug/l #	97
51) 4-Methyl-2-Pentanone	9.999	43	32904	11.106	ug/l	86
52) Toluene	10.170	92	30649	2.970	ug/l	97
53) t-1,3-Dichloropropene	10.390	75	12582	2.330	ug/l	91
54) cis-1,3-Dichloropropene	9.853	75	16854	2.646	ug/l #	89
55) 1,1,2-Trichloroethane	10.566	97	7351	2.468	ug/l	96
56) Ethyl methacrylate	10.438	69	8803	2.060	ug/l #	60
57) 1,3-Dichloropropane	10.719	76	13916	2.661	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	24174	12.151	ug/l	96
59) 2-Hexanone	10.761	43	21226	10.031	ug/l	87
60) Dibromochloromethane	10.914	129	9167	2.398	ug/l	100
61) 1,2-Dibromoethane	11.018	107	6784	2.521	ug/l	92
64) Tetrachloroethene	10.646	164	10020	2.993	ug/l #	79
65) Chlorobenzene	11.438	112	31808	2.955	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.517	131	9212	2.529	ug/l	97
67) Ethyl Benzene	11.517	91	58088	2.970	ug/l	97
68) m/p-Xylenes	11.627	106	40943	5.669	ug/l	86
69) o-Xylene	11.956	106	19049	2.745	ug/l	82
70) Styrene	11.969	104	30774	2.629	ug/l	96
71) Bromoform	12.133	173	4584	2.351	ug/l #	92
73) Isopropylbenzene	12.255	105	52117	3.095	ug/l	99
74) N-amyl acetate	12.072	43	10619	2.381	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.511	83	8328	2.783	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	4552m	1.161	ug/l	
77) Bromobenzene	12.529	156	10579	2.961	ug/l	85
78) n-propylbenzene	12.597	91	64076	3.149	ug/l	99
79) 2-Chlorotoluene	12.676	91	35740	3.064	ug/l	93
80) 1,3,5-Trimethylbenzene	12.731	105	40496	2.978	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.304	75	2501m	2.574	ug/l	
82) 4-Chlorotoluene	12.779	91	37170	3.117	ug/l	95
83) tert-Butylbenzene	12.993	119	37736	3.098	ug/l	97
84) 1,2,4-Trimethylbenzene	13.042	105	39510	2.931	ug/l	98
85) sec-Butylbenzene	13.176	105	55169	3.031	ug/l	96
86) p-Isopropyltoluene	13.292	119	42745	2.892	ug/l	95
87) 1,3-Dichlorobenzene	13.285	146	22024	3.052	ug/l	96
88) 1,4-Dichlorobenzene	13.285	146	22024	3.107	ug/l	94
89) n-Butylbenzene	13.615	91	42579	2.950	ug/l	99
90) Hexachloroethane	13.877	117	8549	2.971	ug/l	86
91) 1,2-Dichlorobenzene	13.657	146	18649	2.941	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.267	75	1351	2.829	ug/l	69
93) 1,2,4-Trichlorobenzene	14.919	180	8565	2.409	ug/l	98
94) Hexachlorobutadiene	15.023	225	5561	2.813	ug/l	98
95) Naphthalene	15.145	128	13678	2.040	ug/l	98
96) 1,2,3-Trichlorobenzene	15.334	180	8009	2.665	ug/l	92

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101124\
Data File : VY019866.D
Acq On : 11 Oct 2024 12:19
Operator : SY/MD
Sample : P4368-03 2.5 PPB
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2024

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024

Quant Time: Oct 14 01:44:36 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 10 05:30:07 2024
Response via : Initial Calibration

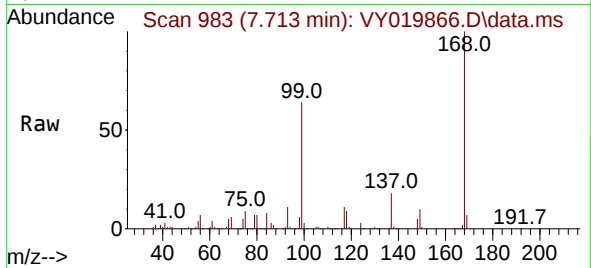
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY019866.D
Acq: 11 Oct 2024 12:19

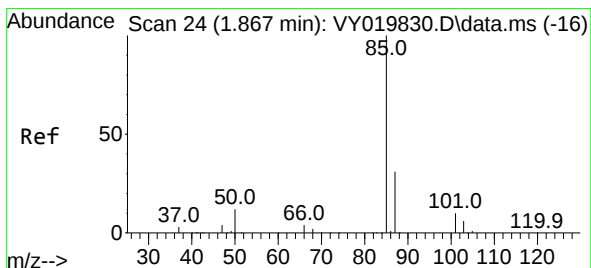
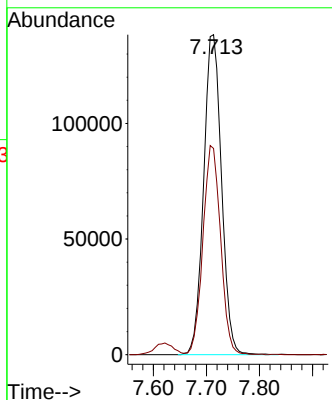
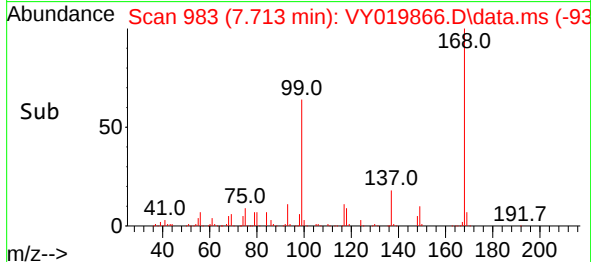
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2024



Tgt Ion:168 Resp: 32340
Ion Ratio Lower Upper
168 100
99 64.4 39.1 58.7

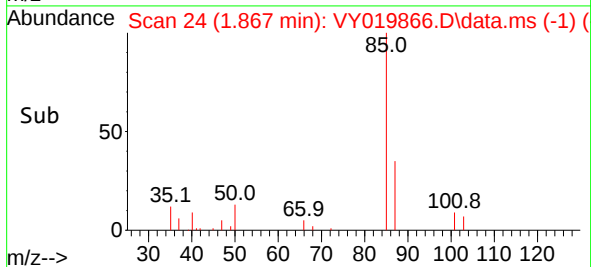
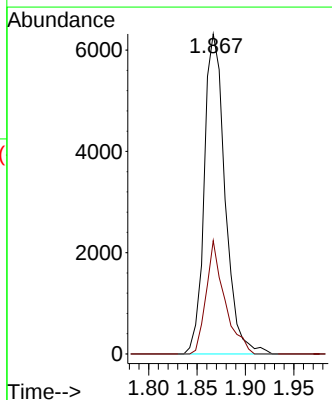
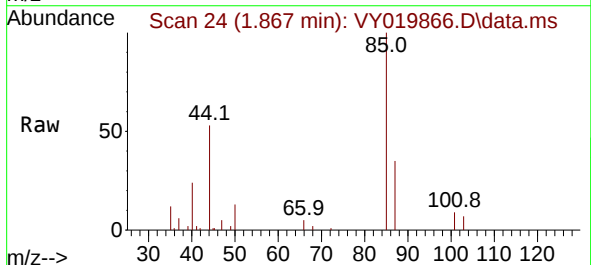
Manual Integrations
APPROVED

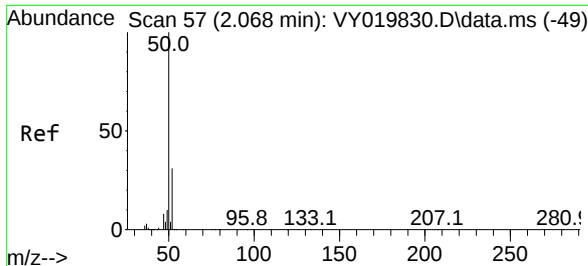
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#2
Dichlorodifluoromethane
Concen: 3.145 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY019866.D
Acq: 11 Oct 2024 12:19

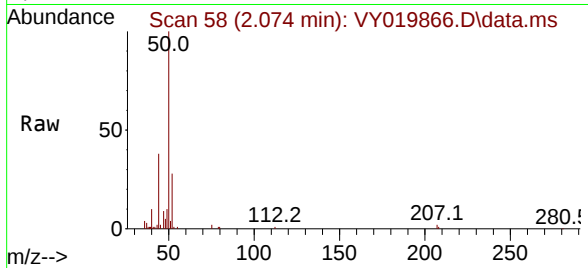
Tgt Ion: 85 Resp: 9469
Ion Ratio Lower Upper
85 100
87 35.4 16.0 48.0





#3
Chloromethane
Concen: 3.801 ug/l
RT: 2.074 min Scan# 50
Delta R.T. 0.006 min
Lab File: VY019866.D
Acq: 11 Oct 2024 12:19

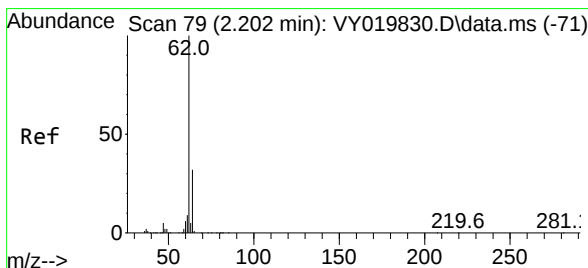
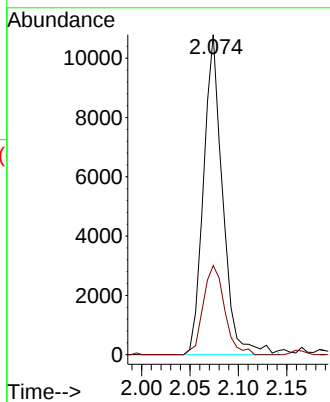
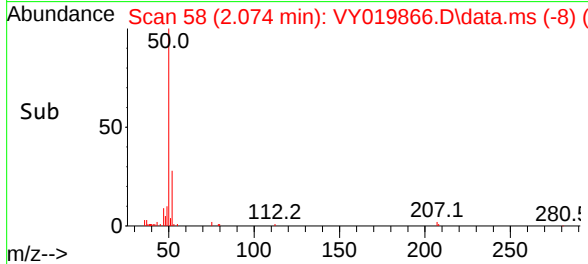
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2024



Tgt Ion: 50 Resp: 1489
Ion Ratio Lower Upper
50 100
52 27.9 25.6 38.4

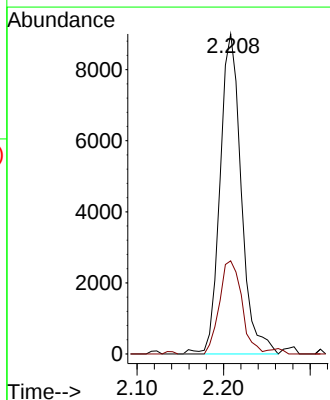
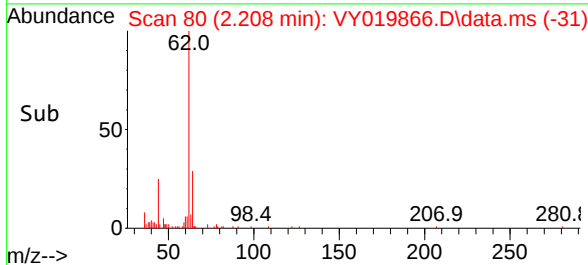
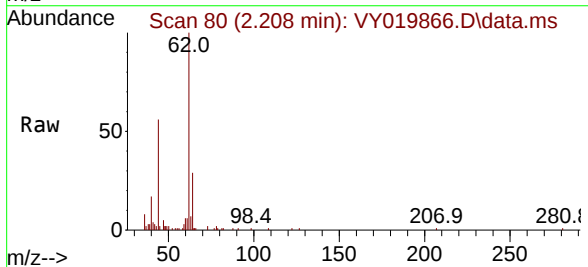
Manual Integrations
APPROVED

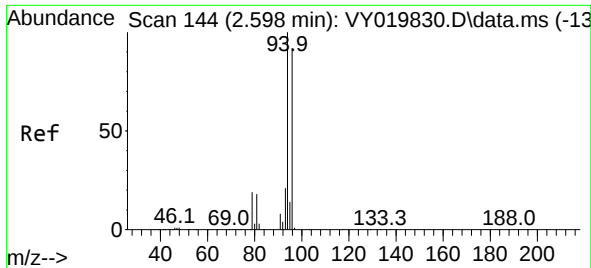
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#4
Vinyl Chloride
Concen: 3.556 ug/l
RT: 2.208 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY019866.D
Acq: 11 Oct 2024 12:19

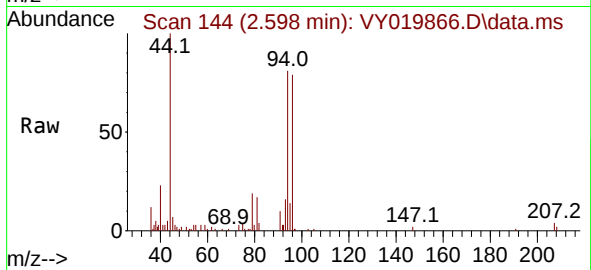
Tgt Ion: 62 Resp: 15335
Ion Ratio Lower Upper
62 100
64 29.1 26.1 39.1





#5
Bromomethane
Concen: 3.688 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY019866.D
Acq: 11 Oct 2024 12:19

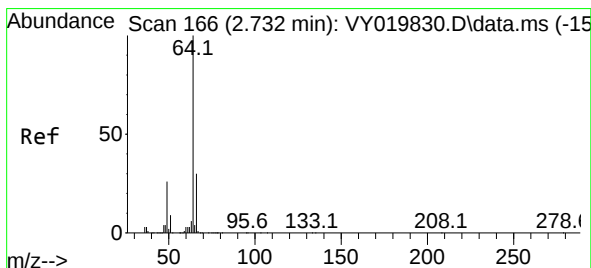
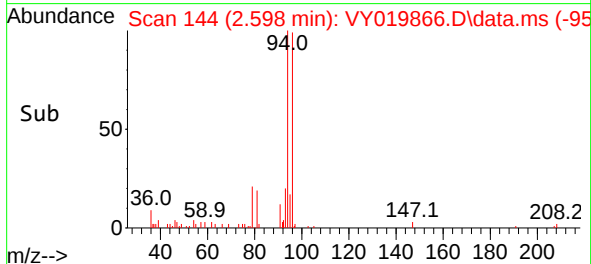
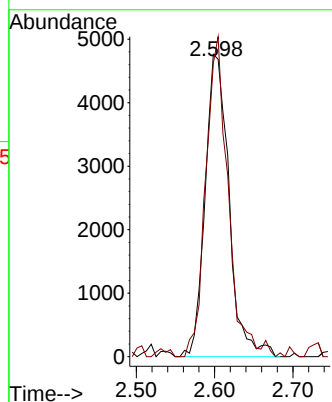
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2024



Tgt Ion: 94 Resp: 1006
Ion Ratio Lower Upper
94 100
96 97.0 74.1 111.1

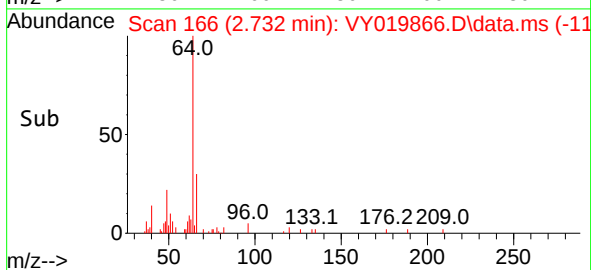
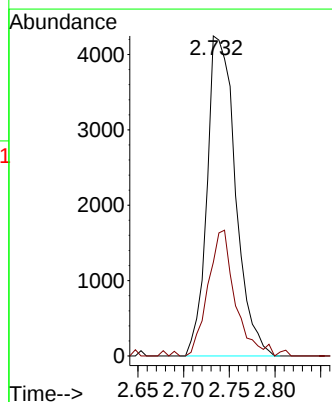
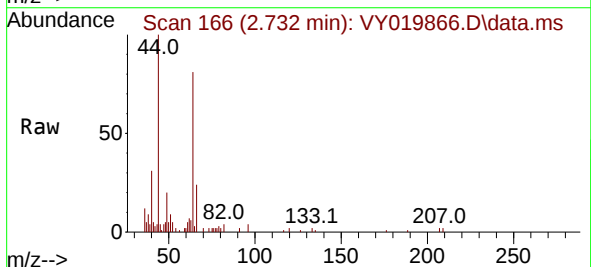
Manual Integrations
APPROVED

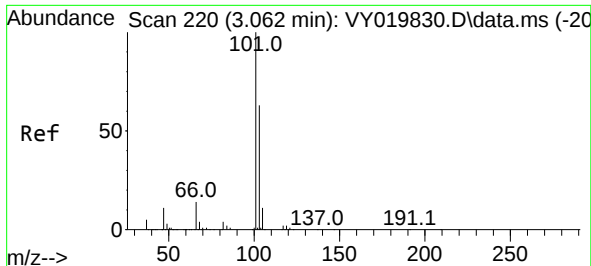
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#6
Chloroethane
Concen: 3.172 ug/l
RT: 2.732 min Scan# 166
Delta R.T. -0.006 min
Lab File: VY019866.D
Acq: 11 Oct 2024 12:19

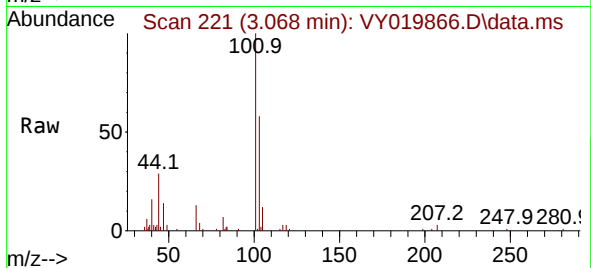
Tgt Ion: 64 Resp: 9188
Ion Ratio Lower Upper
64 100
66 29.3 26.1 39.1





#7
 Trichlorofluoromethane
 Concen: 3.071 ug/l
 RT: 3.068 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VY019866.D
 Acq: 11 Oct 2024 12:19

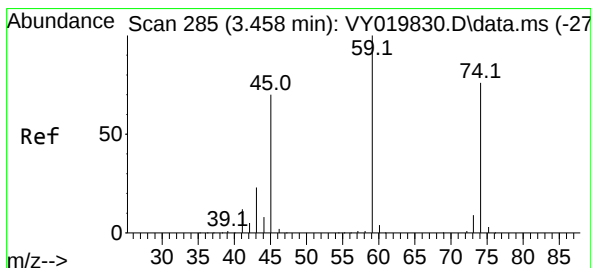
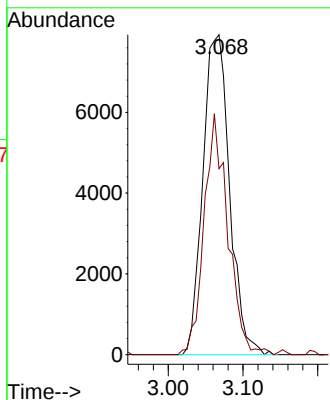
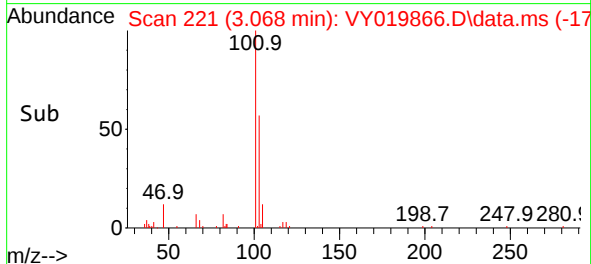
Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL-SOIL-03-QT4-2024



Tgt Ion:101 Resp: 1970
 Ion Ratio Lower Upper
 101 100
 103 58.1 49.3 73.9

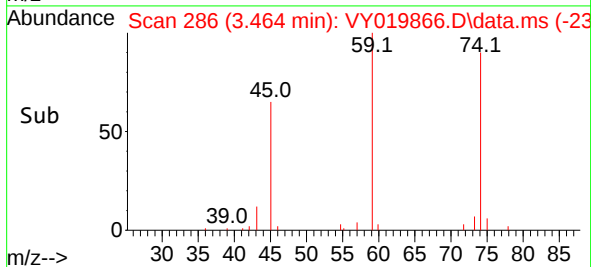
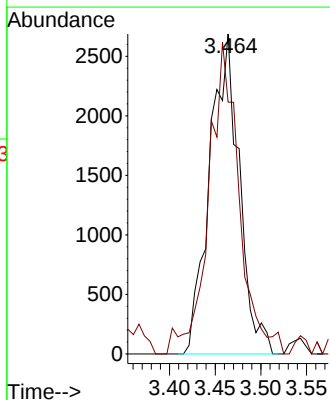
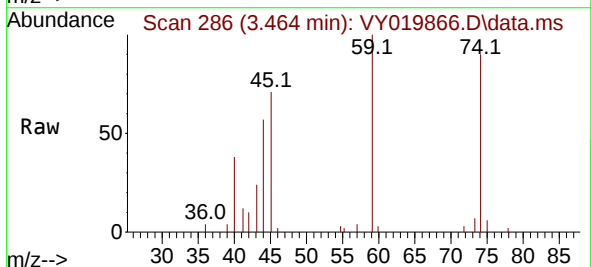
Manual Integrations
 APPROVED

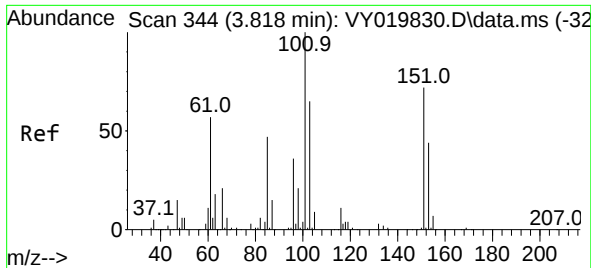
Reviewed By :Mahesh Dadoda 10/14/2024
 Supervised By :Semsettin Yesilyurt 10/14/2024



#8
 Diethyl Ether
 Concen: 3.110 ug/l
 RT: 3.464 min Scan# 286
 Delta R.T. 0.006 min
 Lab File: VY019866.D
 Acq: 11 Oct 2024 12:19

Tgt Ion: 74 Resp: 6064
 Ion Ratio Lower Upper
 74 100
 45 99.9 41.3 124.1





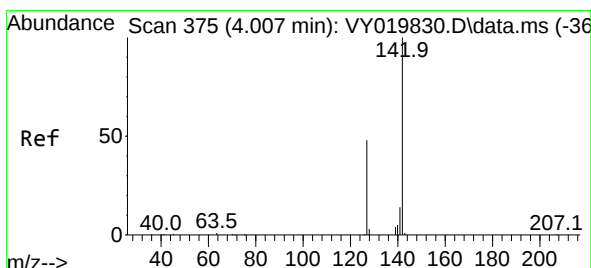
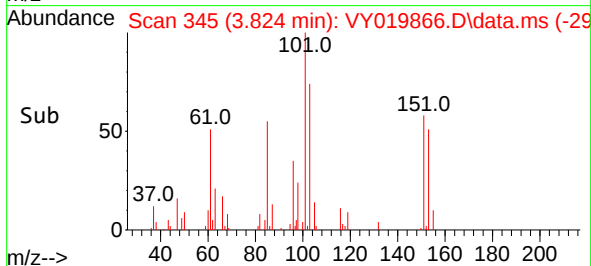
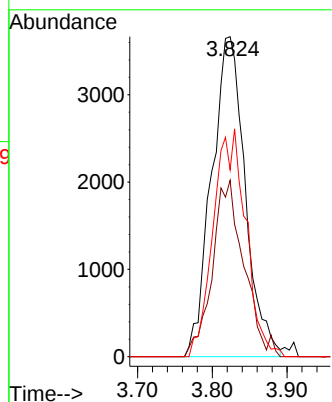
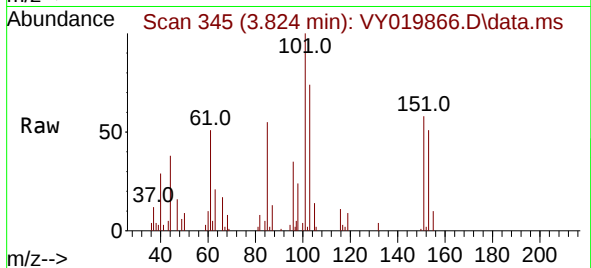
#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.073 ug/l
RT: 3.824 min Scan# 344
Delta R.T. 0.012 min
Lab File: VY019866.D
Acq: 11 Oct 2024 12:19

Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT4-2024

Tgt Ion:101 Resp: 11469
Ion Ratio Lower Upper
101 100
85 51.6 34.5 51.7
151 69.1 61.7 92.5

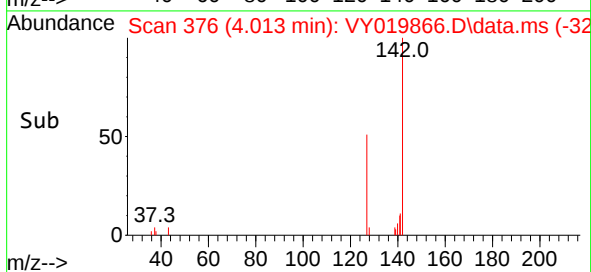
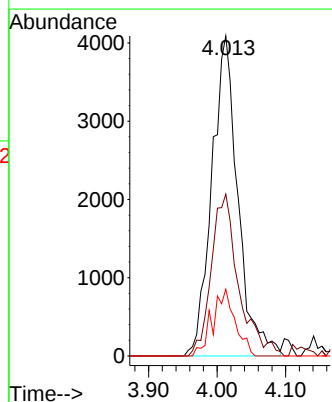
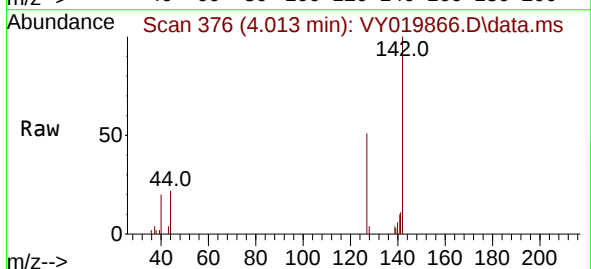
Manual Integrations
APPROVED

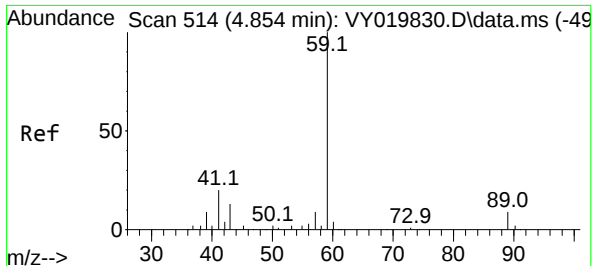
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#10
Methyl Iodide
Concen: 2.865 ug/l
RT: 4.013 min Scan# 376
Delta R.T. 0.006 min
Lab File: VY019866.D
Acq: 11 Oct 2024 12:19

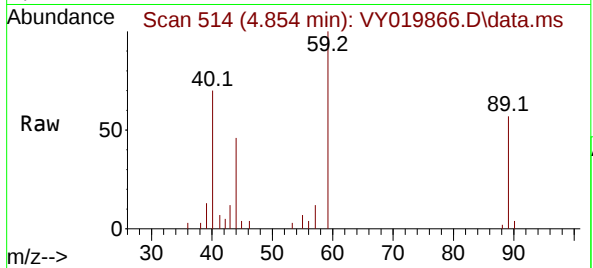
Tgt Ion:142 Resp: 10813
Ion Ratio Lower Upper
142 100
127 52.7 32.8 49.2#
141 18.1 11.4 17.2#





#11
Tert butyl alcohol
Concen: 23.667 ug/l m
RT: 4.854 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY019866.D
Acq: 11 Oct 2024 12:19

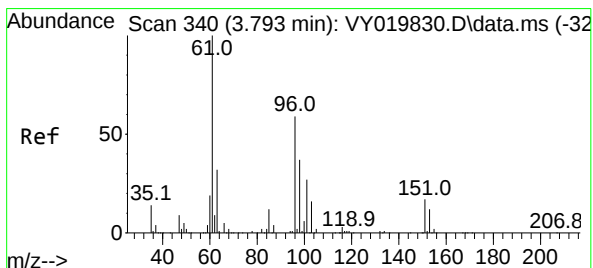
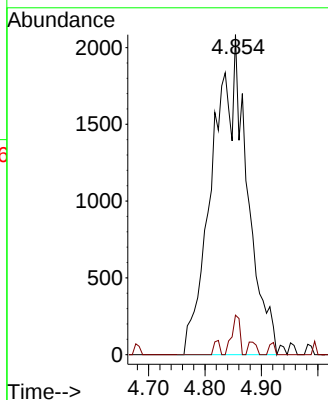
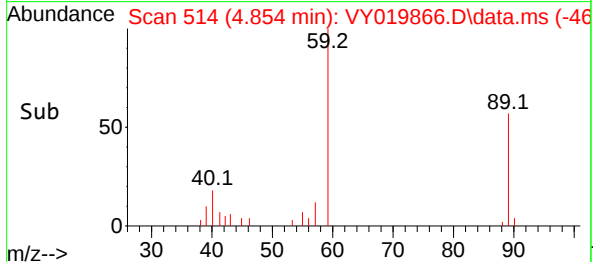
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2024



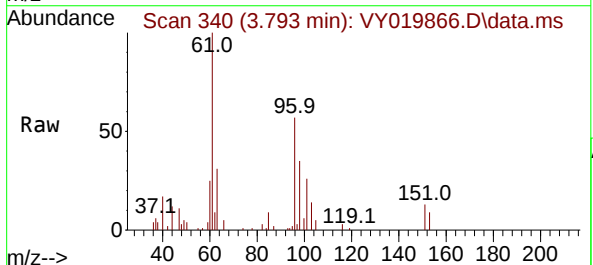
Tgt Ion: 59 Resp: 8829
Ion Ratio Lower Upper
59 100
57 2.9 3.0 4.6

Manual Integrations
APPROVED

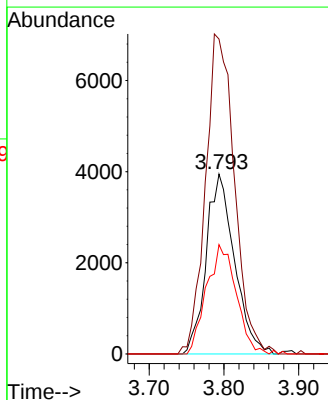
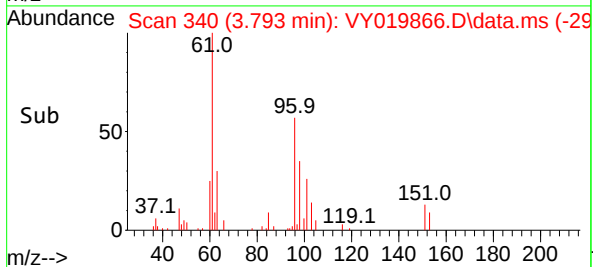
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024

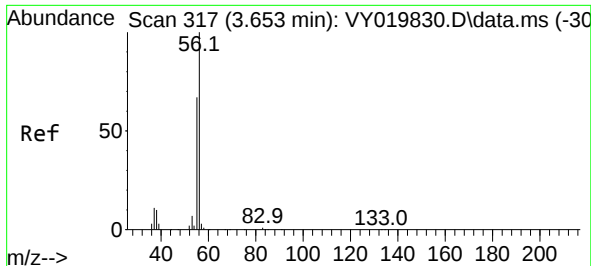


#12
1,1-Dichloroethene
Concen: 2.989 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY019866.D
Acq: 11 Oct 2024 12:19



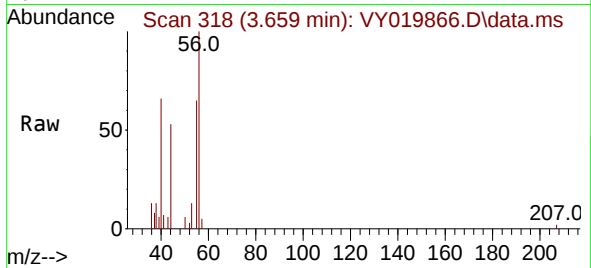
Tgt Ion: 96 Resp: 10370
Ion Ratio Lower Upper
96 100
61 175.2 114.6 171.8#
98 60.8 50.8 76.2





#13
Acrolein
Concen: 19.074 ug/l
RT: 3.659 min Scan# 317
Delta R.T. 0.006 min
Lab File: VY019866.D
Acq: 11 Oct 2024 12:19

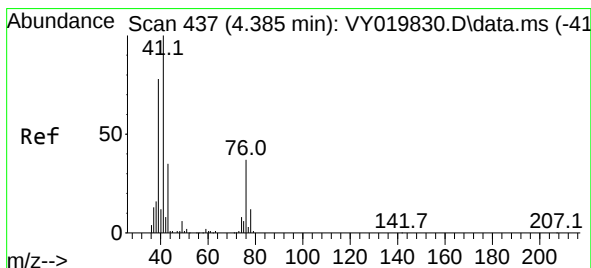
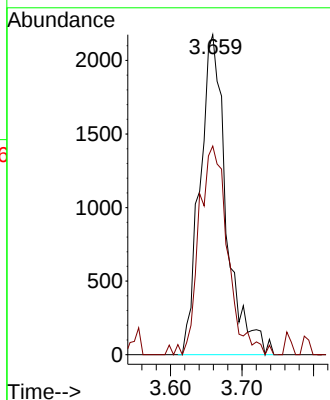
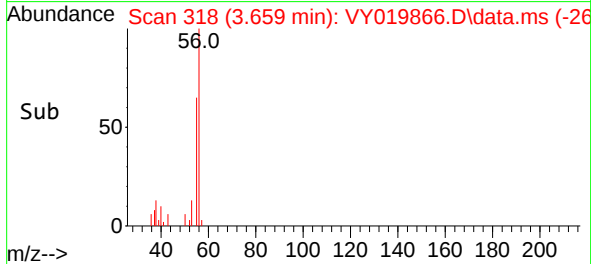
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2024



Tgt Ion: 56 Resp: 558
Ion Ratio Lower Upper
56 100
55 70.5 55.7 83.5

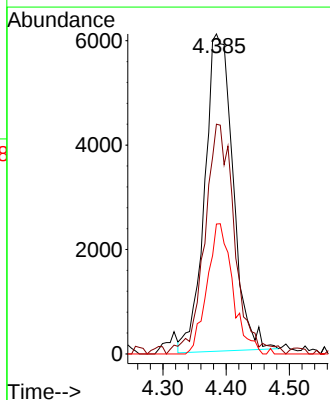
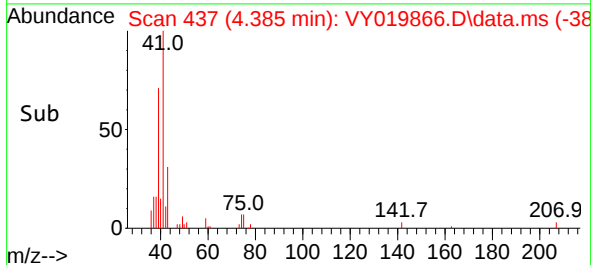
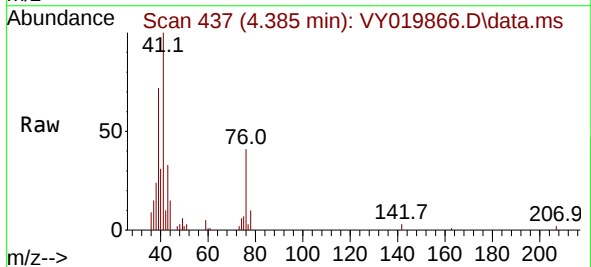
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#14
Allyl chloride
Concen: 3.011 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY019866.D
Acq: 11 Oct 2024 12:19

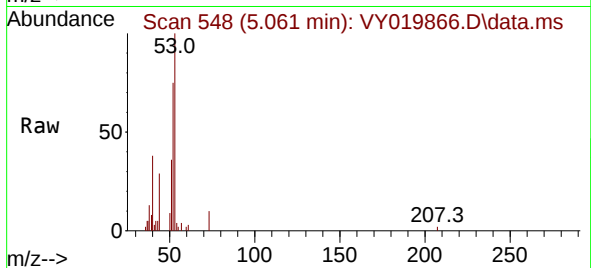
Tgt Ion: 41 Resp: 18848
Ion Ratio Lower Upper
41 100
39 76.7 58.3 87.5
76 37.2 39.0 58.6#





#15
Acrylonitrile
Concen: 12.469 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY019866.D
Acq: 11 Oct 2024 12:19

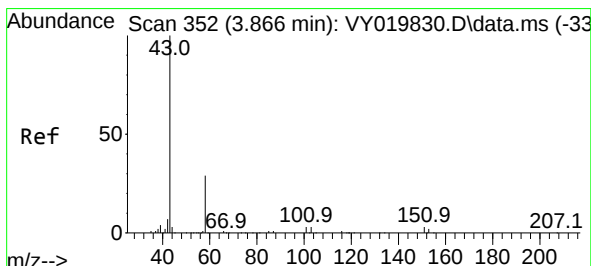
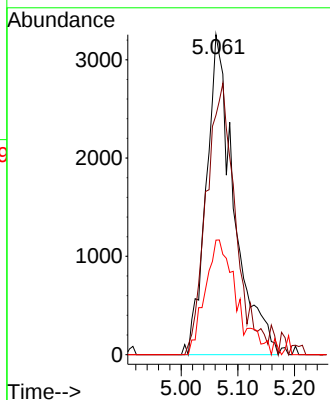
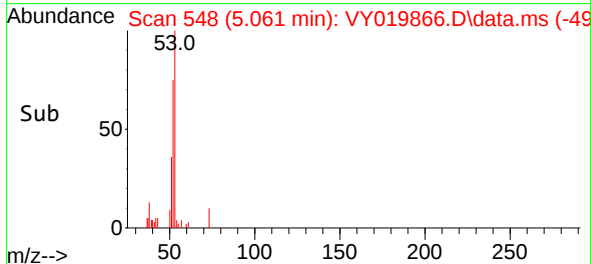
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2024



Tgt Ion: 53 Resp: 1112
Ion Ratio Lower Upper
53 100
52 88.0 64.7 97.1
51 36.9 28.4 42.6

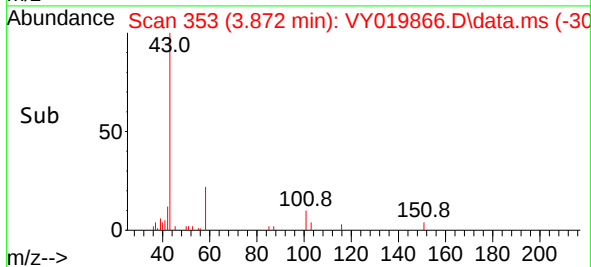
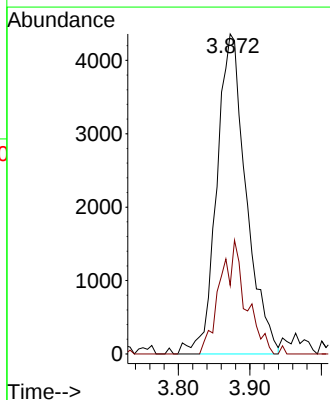
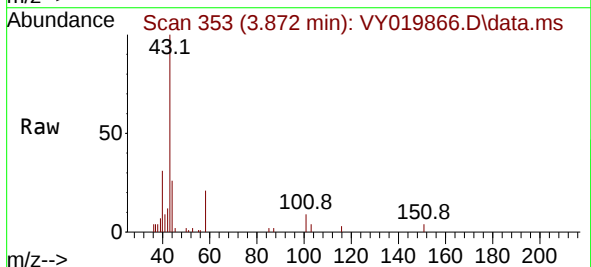
Manual Integrations
APPROVED

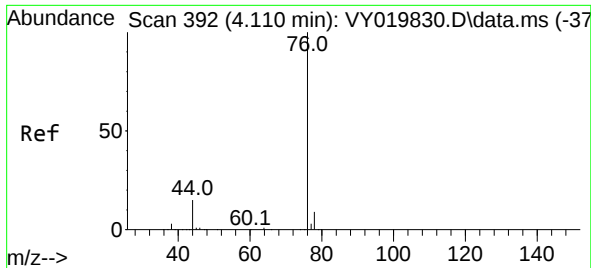
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#16
Acetone
Concen: 12.019 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY019866.D
Acq: 11 Oct 2024 12:19

Tgt Ion: 43 Resp: 12459
Ion Ratio Lower Upper
43 100
58 21.5 31.7 47.5#





#17

Carbon Disulfide

Concen: 3.652 ug/l

RT: 4.110 min Scan# 392

Delta R.T. 0.006 min

Lab File: VY019866.D

Acq: 11 Oct 2024 12:19

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT4-2024

Tgt Ion: 76 Resp: 3396

Ion Ratio Lower Upper

76 100

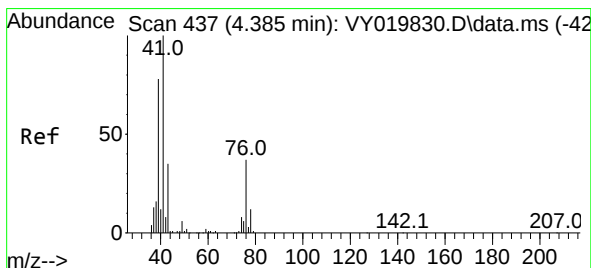
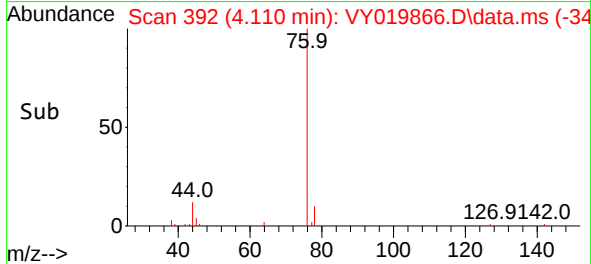
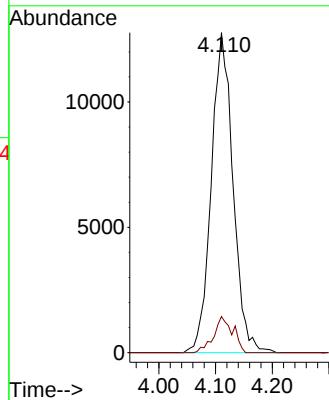
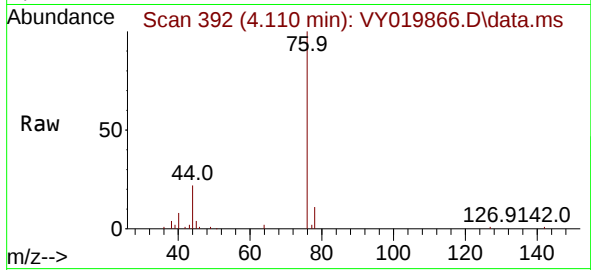
78 11.3 6.8 10.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/14/2024

Supervised By :Semsettin Yesilyurt 10/14/2024



#18

Methyl Acetate

Concen: 3.299 ug/l

RT: 4.391 min Scan# 438

Delta R.T. 0.006 min

Lab File: VY019866.D

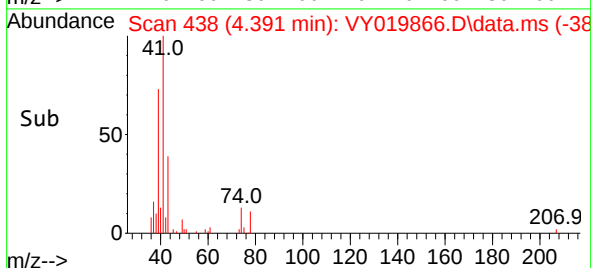
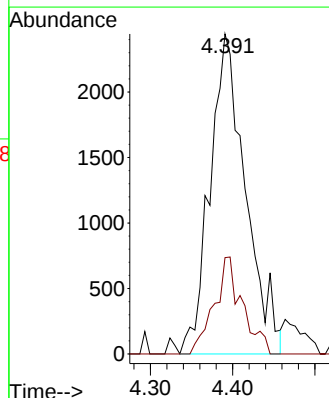
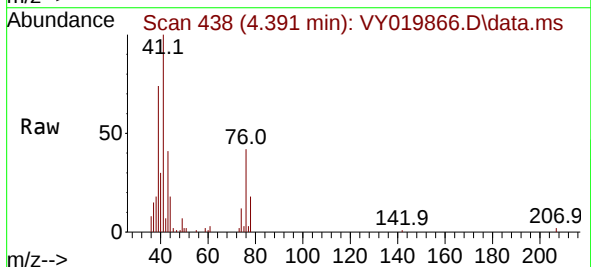
Acq: 11 Oct 2024 12:19

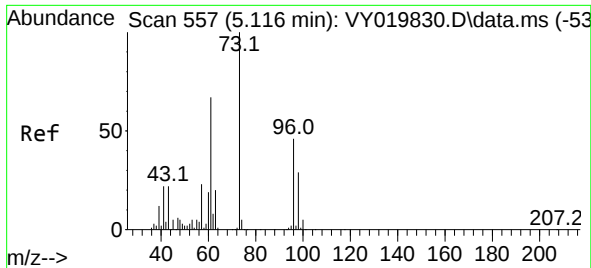
Tgt Ion: 43 Resp: 7367

Ion Ratio Lower Upper

43 100

74 23.9 23.3 34.9





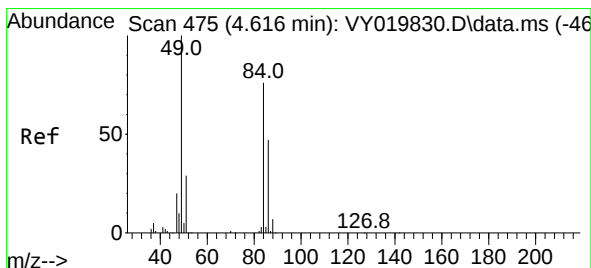
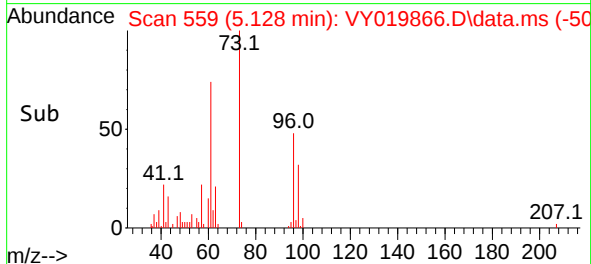
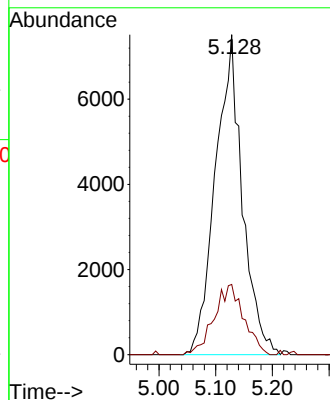
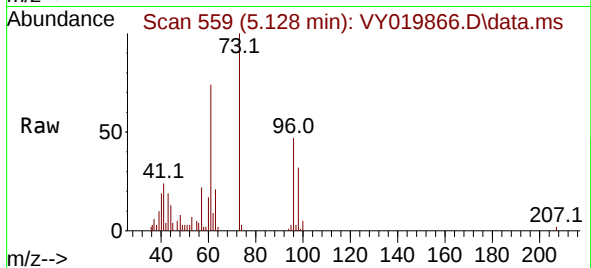
#19
Methyl tert-butyl Ether
Concen: 2.478 ug/l
RT: 5.128 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY019866.D
Acq: 11 Oct 2024 12:19

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2024

Tgt Ion: 73 Resp: 24704
Ion Ratio Lower Upper
73 100
57 21.9 17.3 25.9

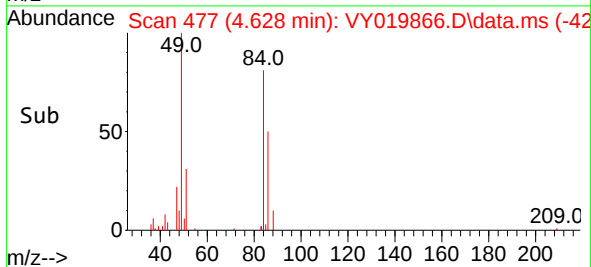
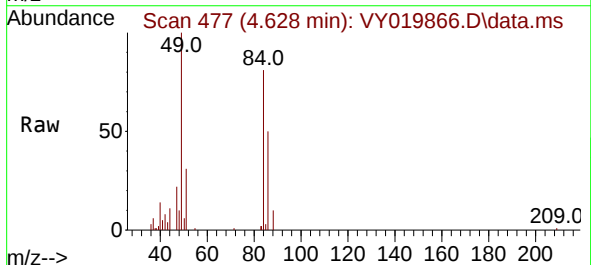
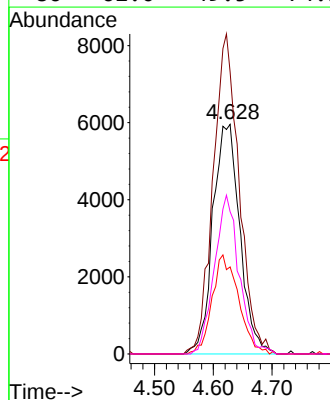
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#20
Methylene Chloride
Concen: 4.235 ug/l
RT: 4.628 min Scan# 477
Delta R.T. 0.012 min
Lab File: VY019866.D
Acq: 11 Oct 2024 12:19

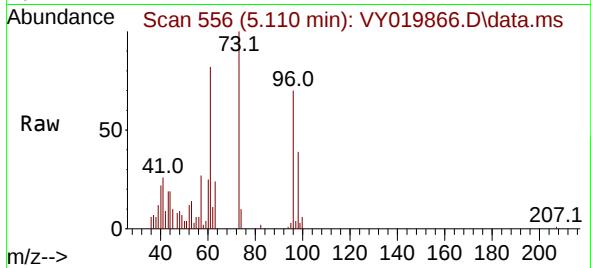
Tgt Ion: 84 Resp: 19046
Ion Ratio Lower Upper
84 100
49 122.8 84.4 126.6
51 37.9 26.0 39.0
86 62.0 49.5 74.3





#21
trans-1,2-Dichloroethene
Concen: 3.286 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY019866.D
Acq: 11 Oct 2024 12:19

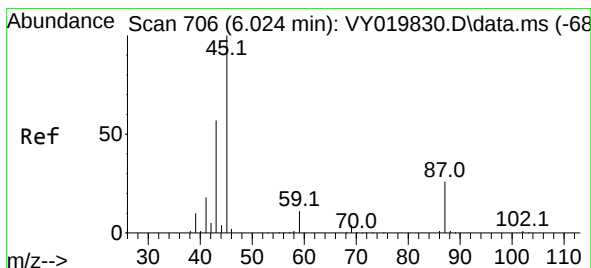
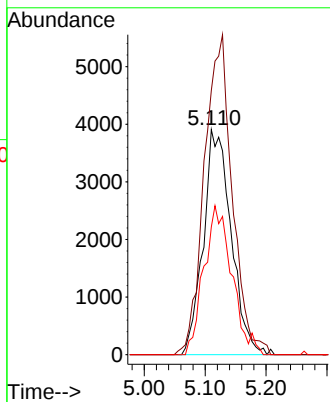
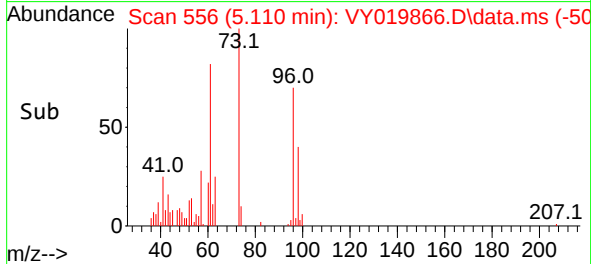
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2024



Tgt Ion: 96 Resp: 12408
Ion Ratio Lower Upper
96 100
61 117.4 97.5 146.3
98 56.7 50.5 75.7

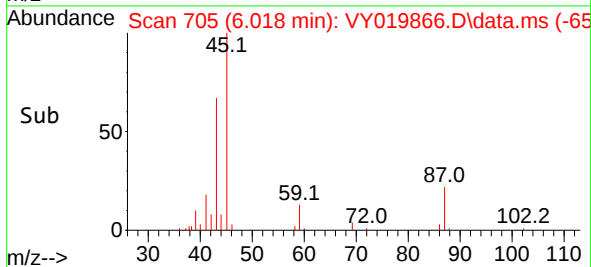
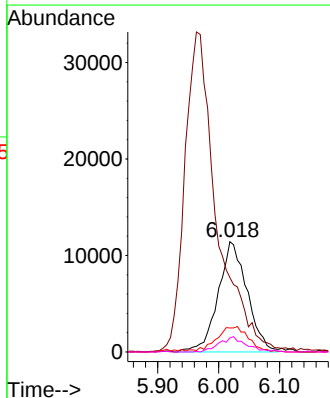
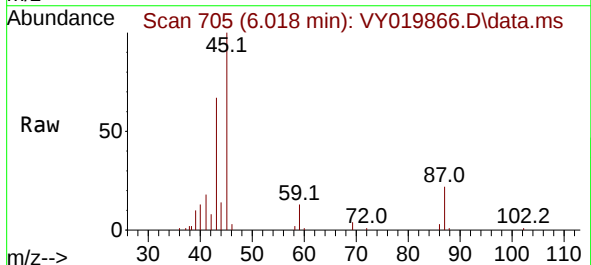
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#22
Diisopropyl ether
Concen: 2.772 ug/l
RT: 6.018 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY019866.D
Acq: 11 Oct 2024 12:19

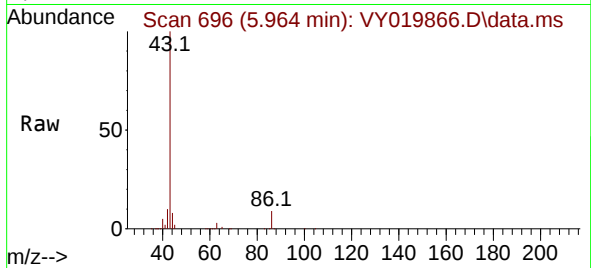
Tgt Ion: 45 Resp: 37801
Ion Ratio Lower Upper
45 100
43 63.7 42.2 63.2#
87 21.2 25.0 37.6#
59 12.6 10.5 15.7





#23
 Vinyl Acetate
 Concen: 13.714 ug/l m
 RT: 5.964 min Scan# 696
 Delta R.T. 0.006 min
 Lab File: VY019866.D
 Acq: 11 Oct 2024 12:19

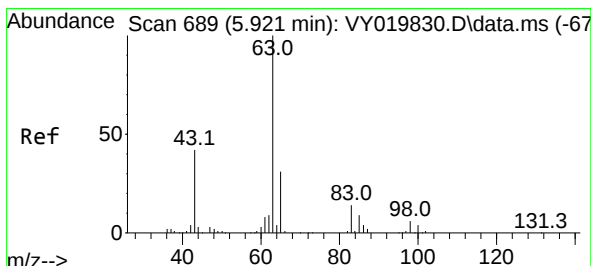
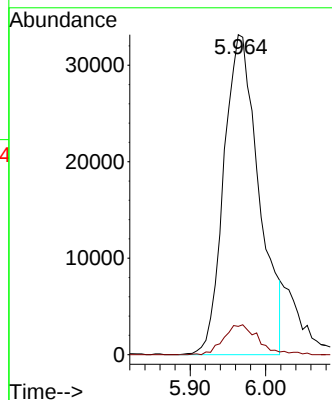
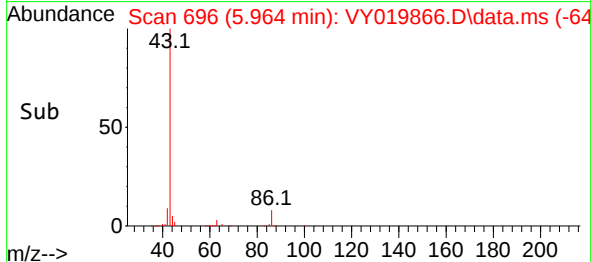
Instrument :
 MSVOA_Y
 ClientSampleId :
 MDL-SOIL-03-QT4-2024



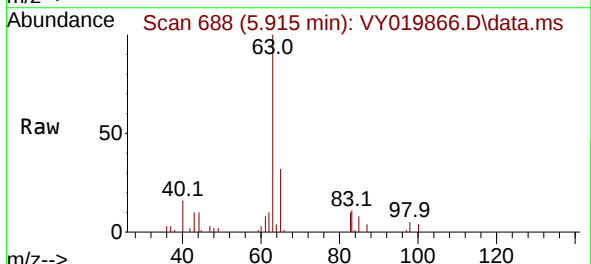
Tgt Ion: 43 Resp: 10720
 Ion Ratio Lower Upper
 43 100
 86 8.9 10.6 16.0

Manual Integrations
 APPROVED

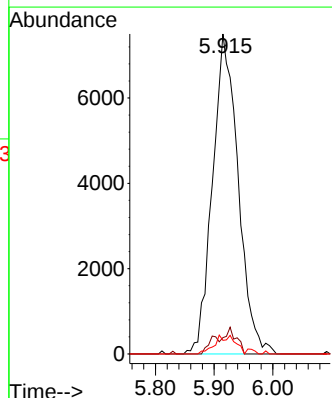
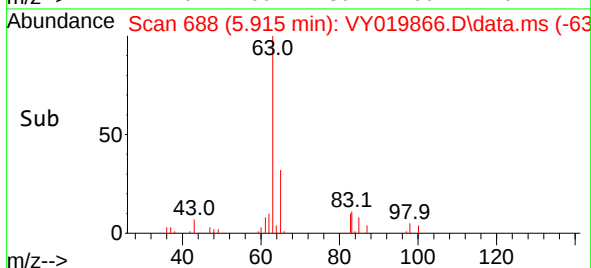
Reviewed By :Mahesh Dadoda 10/14/2024
 Supervised By :Semsettin Yesilyurt 10/14/2024

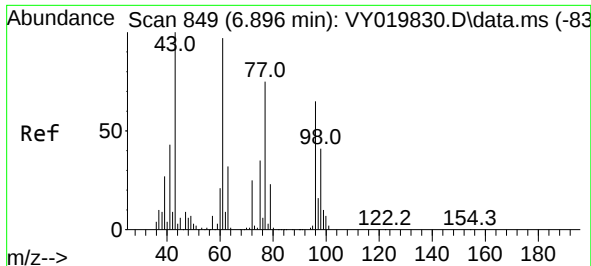


#24
 1,1-Dichloroethane
 Concen: 2.998 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY019866.D
 Acq: 11 Oct 2024 12:19



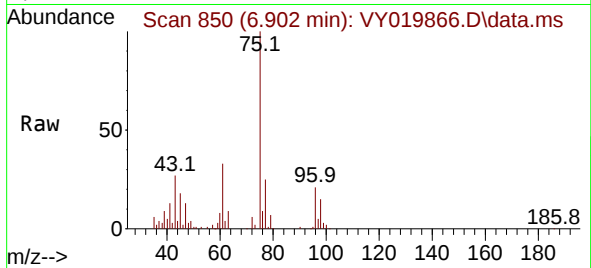
Tgt Ion: 63 Resp: 22721
 Ion Ratio Lower Upper
 63 100
 98 5.1 4.0 12.2
 100 4.3 2.6 8.0





#25
2-Butanone
Concen: 12.205 ug/l
RT: 6.902 min Scan# 849
Delta R.T. 0.012 min
Lab File: VY019866.D
Acq: 11 Oct 2024 12:19

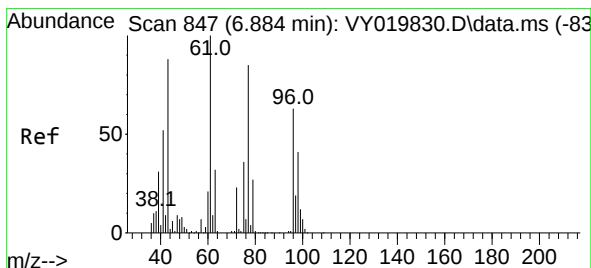
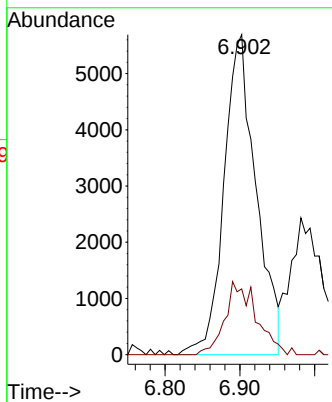
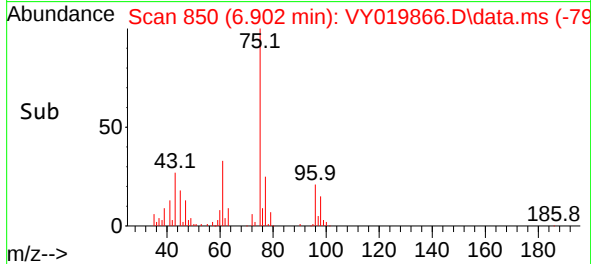
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2024



Tgt Ion: 43 Resp: 16934
Ion Ratio Lower Upper
43 100
72 20.6 27.3 40.9

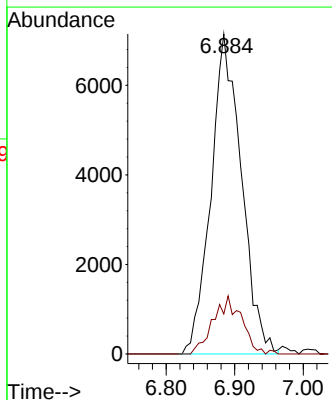
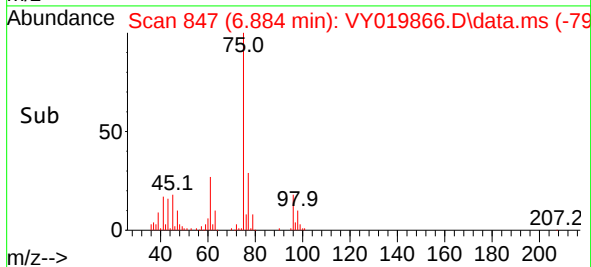
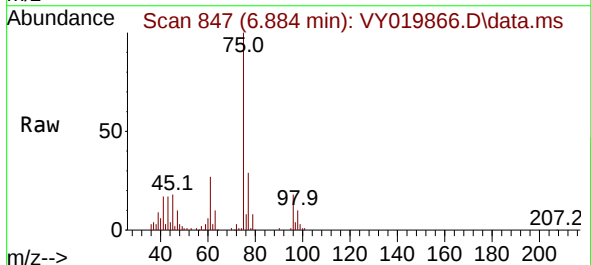
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#26
2,2-Dichloropropane
Concen: 3.266 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY019866.D
Acq: 11 Oct 2024 12:19

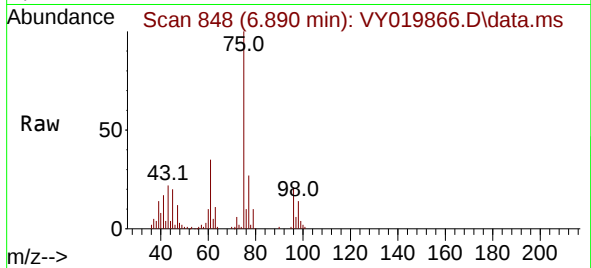
Tgt Ion: 77 Resp: 22045
Ion Ratio Lower Upper
77 100
97 16.7 12.0 36.1





#27
cis-1,2-Dichloroethene
Concen: 2.927 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY019866.D
Acq: 11 Oct 2024 12:19

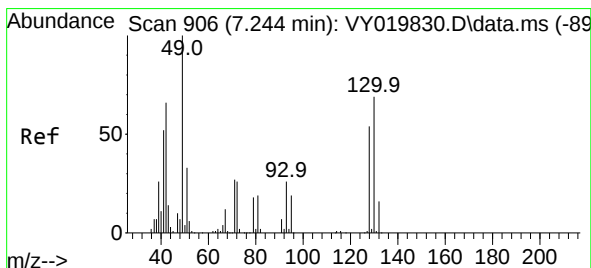
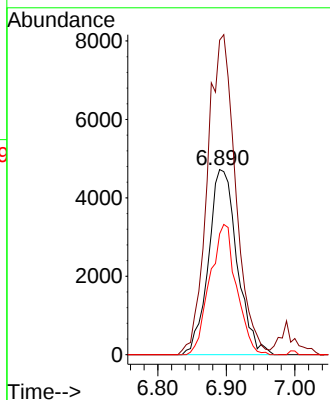
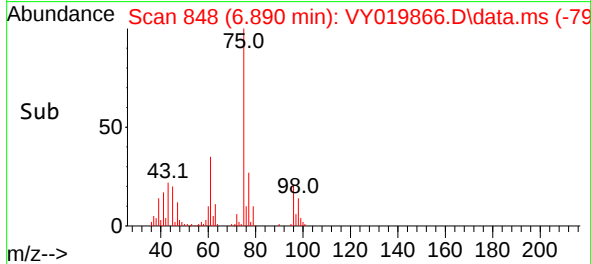
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2024



Tgt Ion: 96 Resp: 13659
Ion Ratio Lower Upper
96 100
61 171.2 0.0 256.2
98 65.7 0.0 130.0

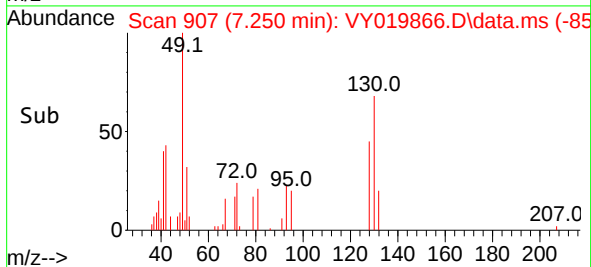
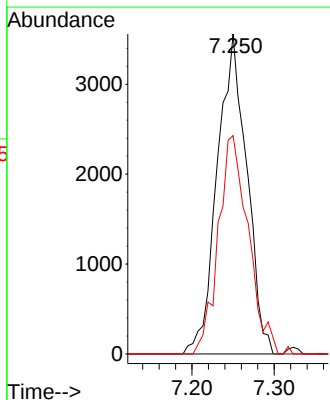
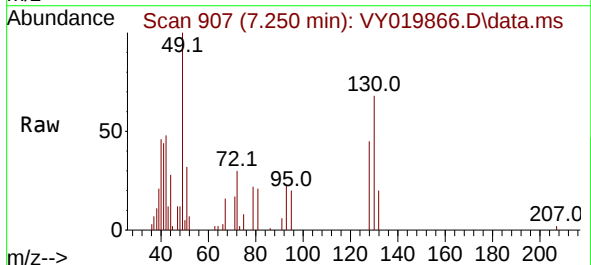
Manual Integrations
APPROVED

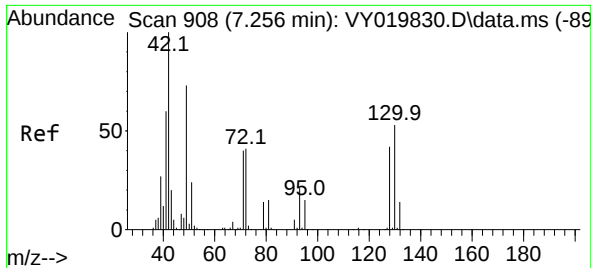
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#28
Bromochloromethane
Concen: 2.661 ug/l
RT: 7.250 min Scan# 907
Delta R.T. 0.006 min
Lab File: VY019866.D
Acq: 11 Oct 2024 12:19

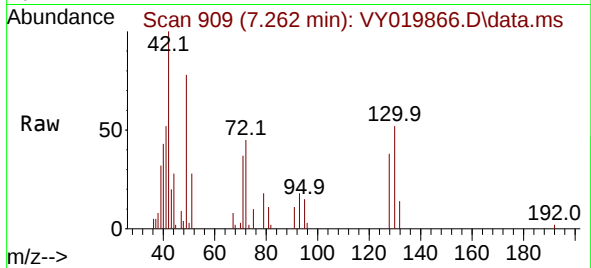
Tgt Ion: 49 Resp: 8879
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.6
130 69.3 72.7 109.1#





#29
Tetrahydrofuran
Concen: 11.927 ug/l
RT: 7.262 min Scan# 909
Delta R.T. 0.000 min
Lab File: VY019866.D
Acq: 11 Oct 2024 12:19

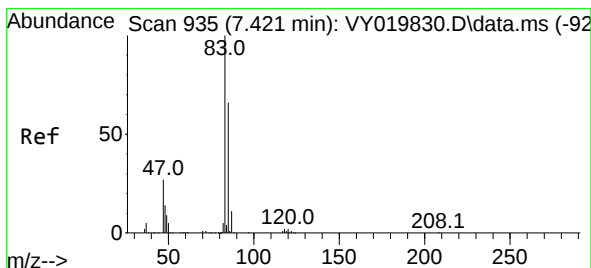
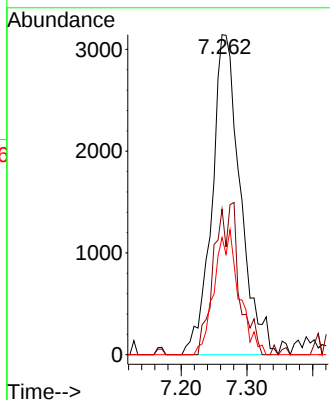
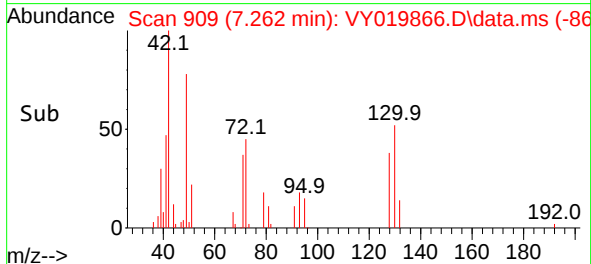
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2024



Tgt Ion: 42 Resp: 9449
Ion Ratio Lower Upper
42 100
72 42.2 43.0 64.4
71 34.1 40.8 61.2

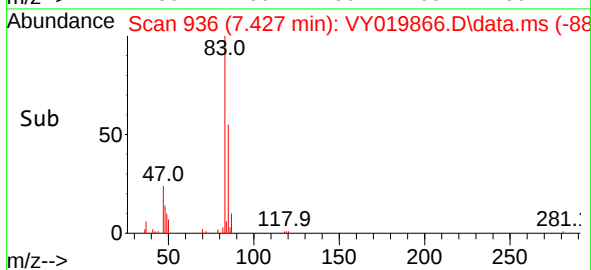
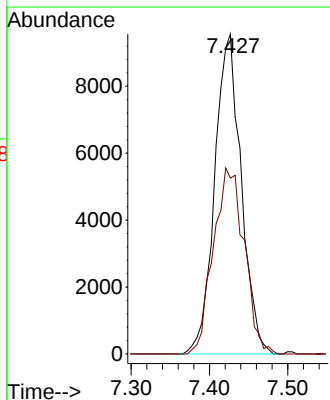
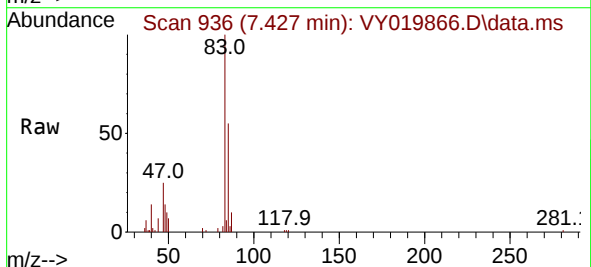
Manual Integrations
APPROVED

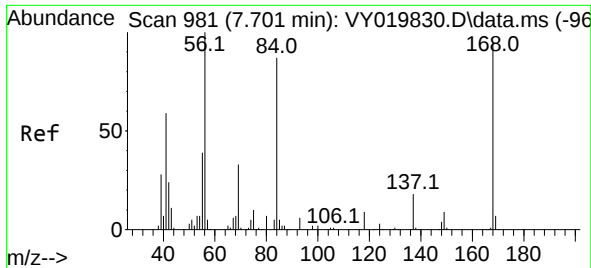
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#30
Chloroform
Concen: 2.905 ug/l
RT: 7.427 min Scan# 936
Delta R.T. 0.006 min
Lab File: VY019866.D
Acq: 11 Oct 2024 12:19

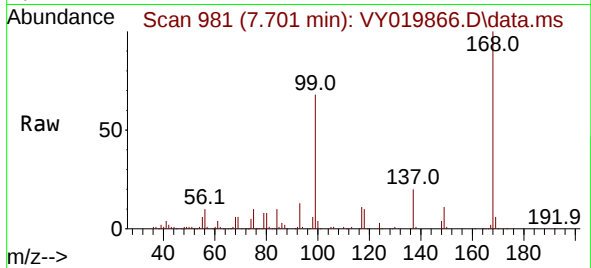
Tgt Ion: 83 Resp: 22447
Ion Ratio Lower Upper
83 100
85 54.9 52.2 78.4





#31
Cyclohexane
Concen: 4.203 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019866.D
Acq: 11 Oct 2024 12:19

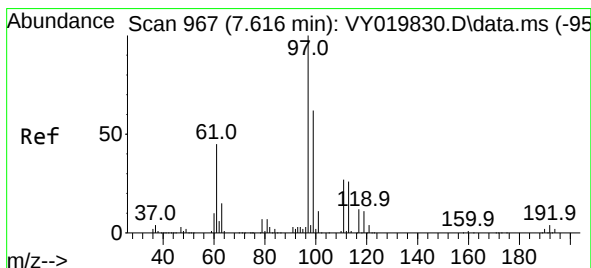
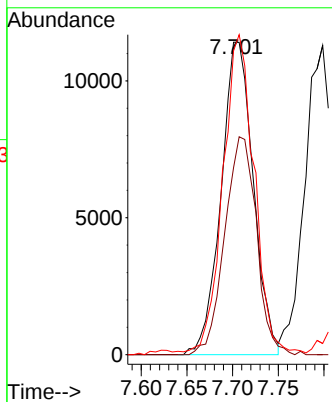
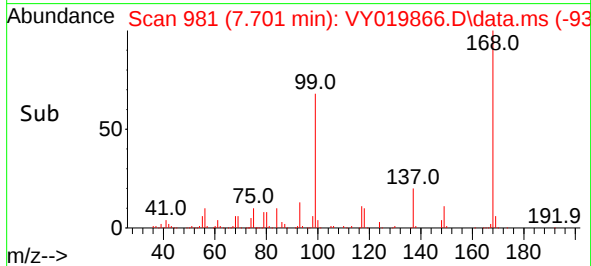
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2024



Tgt Ion: 56 Resp: 27964
Ion Ratio Lower Upper
56 100
69 59.8 28.7 43.1
84 96.1 77.7 116.5

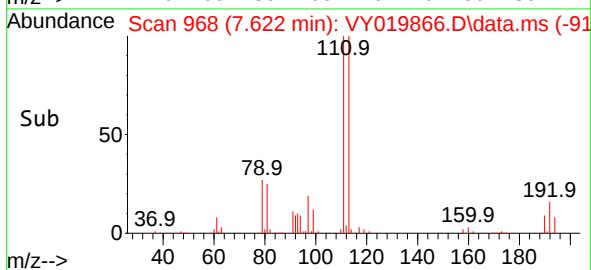
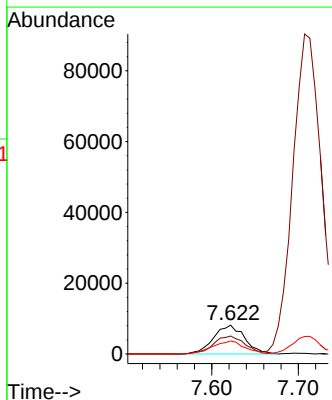
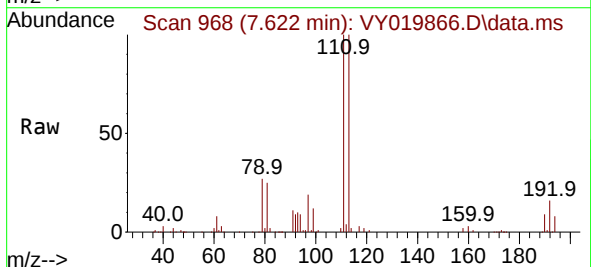
Manual Integrations
APPROVED

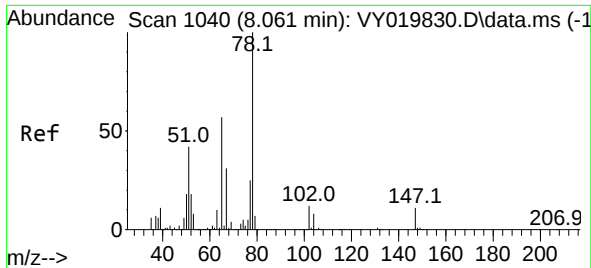
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#32
1,1,1-Trichloroethane
Concen: 2.987 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY019866.D
Acq: 11 Oct 2024 12:19

Tgt Ion: 97 Resp: 20225
Ion Ratio Lower Upper
97 100
99 63.6 50.3 75.5
61 45.9 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 43.489 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY019866.D

Acq: 11 Oct 2024 12:19

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT4-2024

Tgt Ion: 65 Resp: 173170

Ion Ratio Lower Upper

65 100

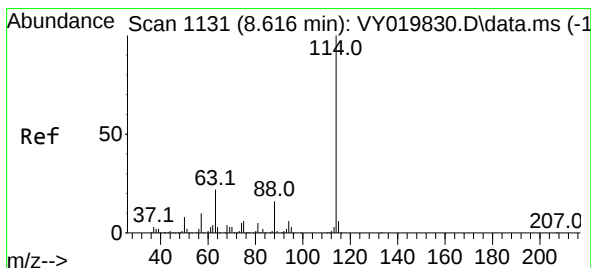
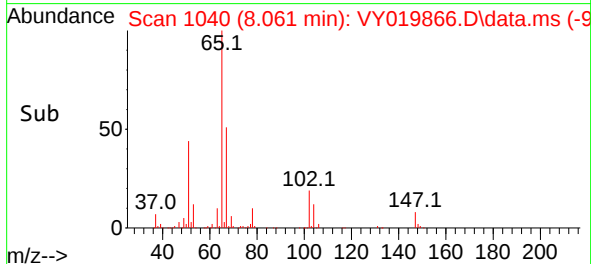
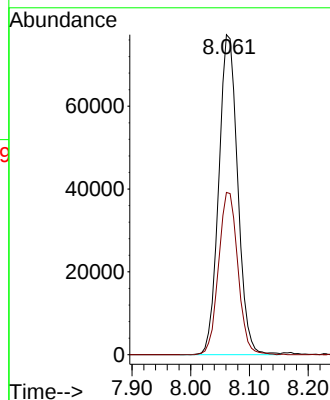
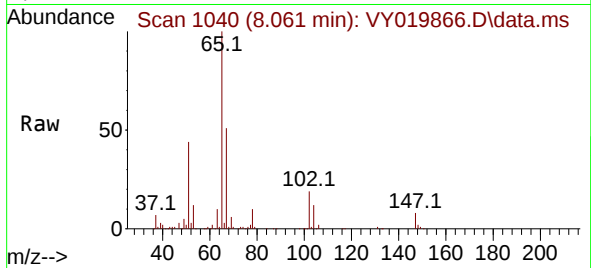
67 51.6 0.0 109.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/14/2024

Supervised By :Semsettin Yesilyurt 10/14/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019866.D

Acq: 11 Oct 2024 12:19

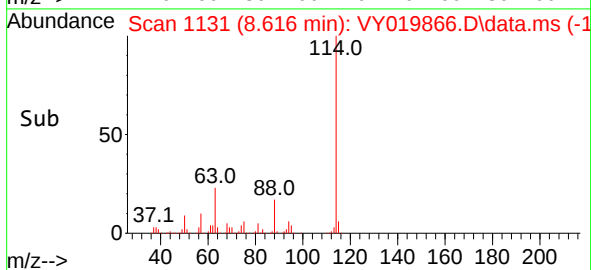
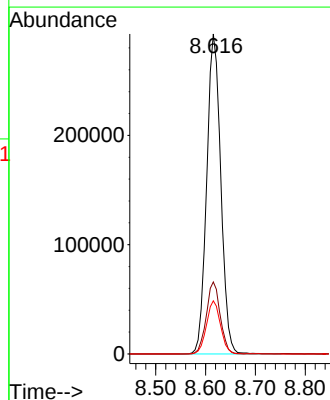
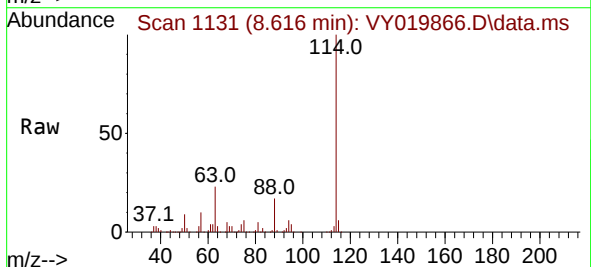
Tgt Ion:114 Resp: 574553

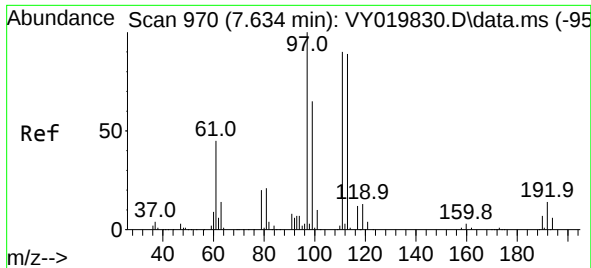
Ion Ratio Lower Upper

114 100

63 22.5 0.0 35.0

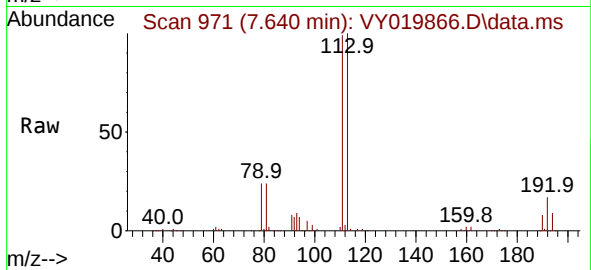
88 16.6 0.0 27.2





#35
Dibromofluoromethane
Concen: 44.440 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019866.D
Acq: 11 Oct 2024 12:19

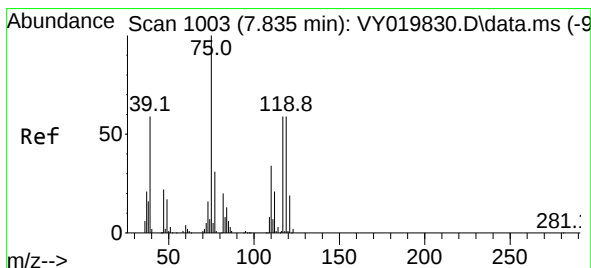
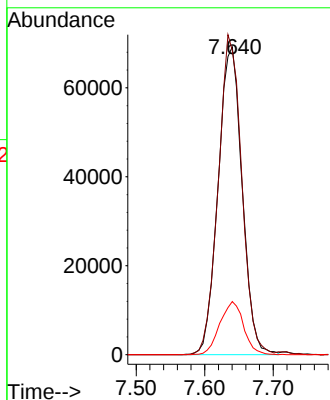
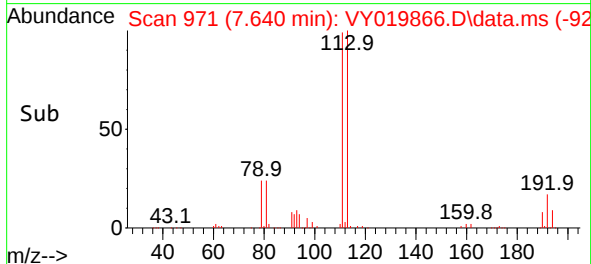
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2024



Tgt Ion:113 Resp: 16849
Ion Ratio Lower Upper
113 100
111 101.4 82.2 123.4
192 17.0 15.9 23.9

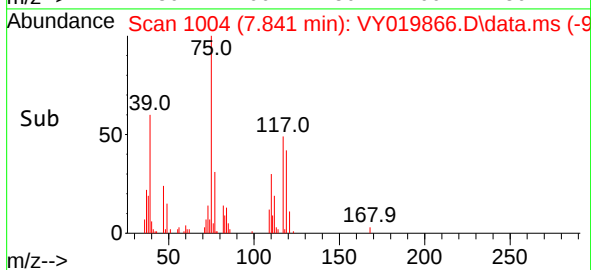
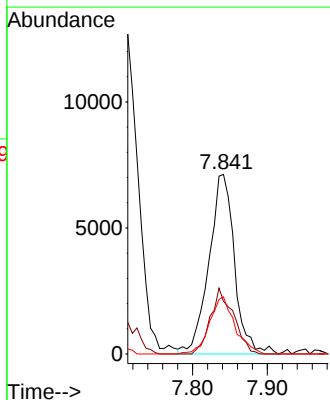
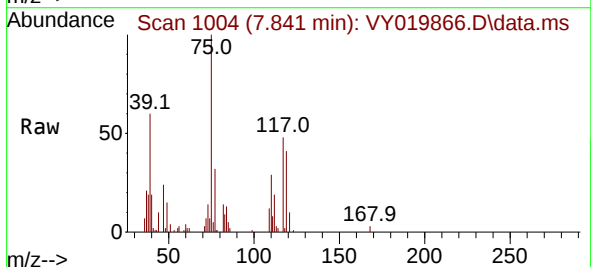
Manual Integrations
APPROVED

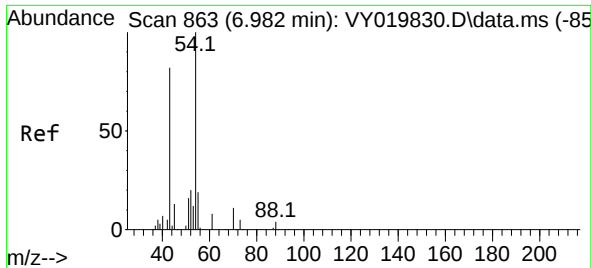
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#36
1,1-Dichloropropene
Concen: 3.109 ug/l
RT: 7.841 min Scan# 1004
Delta R.T. 0.006 min
Lab File: VY019866.D
Acq: 11 Oct 2024 12:19

Tgt Ion: 75 Resp: 16984
Ion Ratio Lower Upper
75 100
110 33.0 19.0 57.0
77 31.5 25.3 37.9





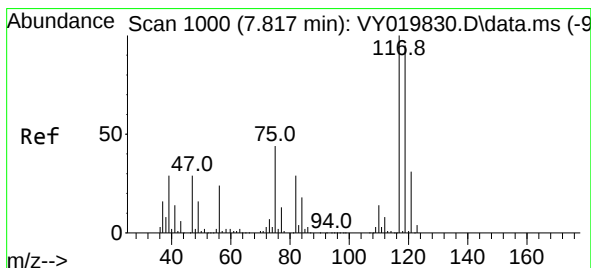
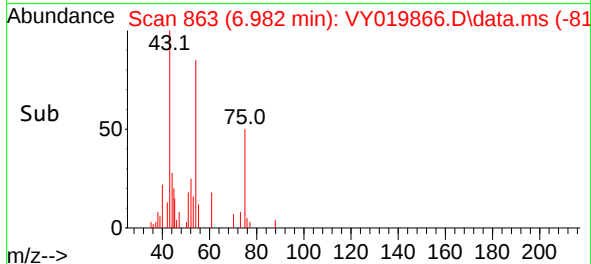
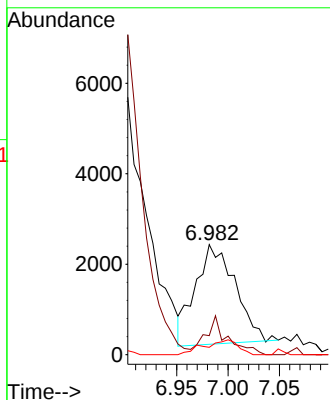
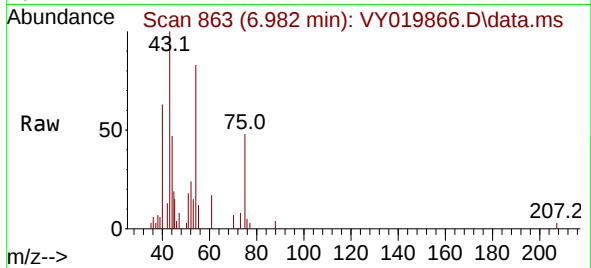
#37
Ethyl Acetate
Concen: 2.081 ug/l
RT: 6.982 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY019866.D
Acq: 11 Oct 2024 12:19

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2024

Tgt Ion: 43 Resp: 592
Ion Ratio Lower Upper
43 100
61 21.5 12.6 19.0
70 12.6 7.8 11.8

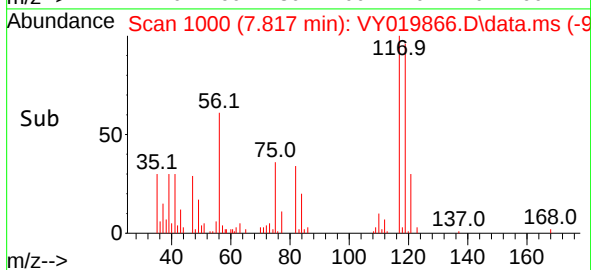
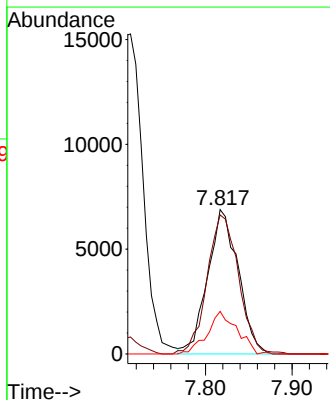
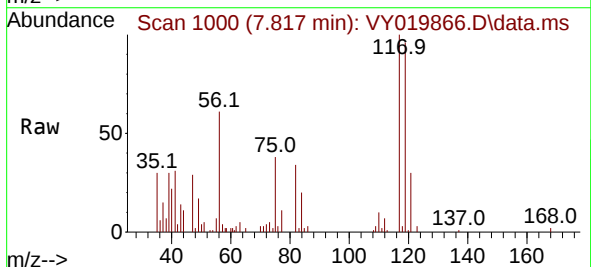
Manual Integrations
APPROVED

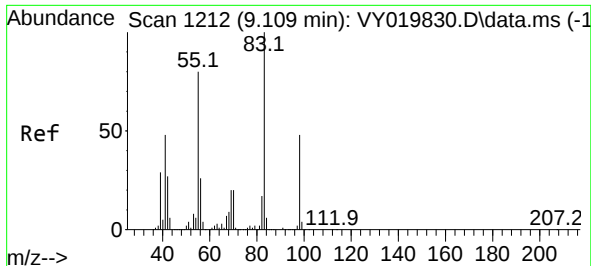
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#38
Carbon Tetrachloride
Concen: 2.888 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY019866.D
Acq: 11 Oct 2024 12:19

Tgt Ion:117 Resp: 16911
Ion Ratio Lower Upper
117 100
119 95.1 75.8 113.6
121 29.5 24.0 36.0





#39

Methylcyclohexane

Concen: 3.063 ug/l

RT: 9.109 min Scan# 1108

Delta R.T. 0.000 min

Lab File: VY019866.D

Acq: 11 Oct 2024 12:19

Instrument :

MSVOA_Y

ClientSampleId :

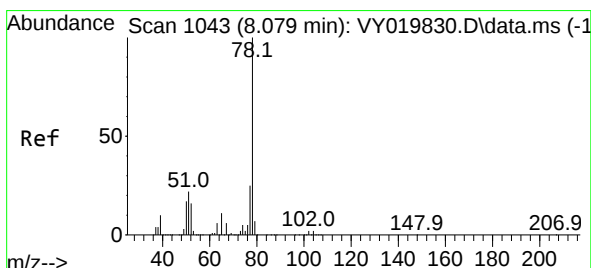
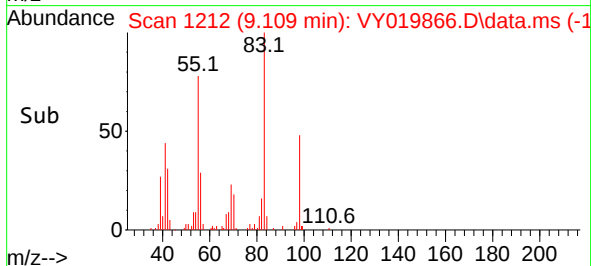
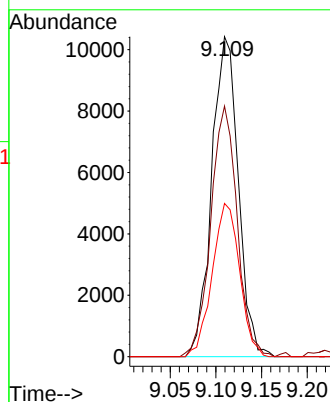
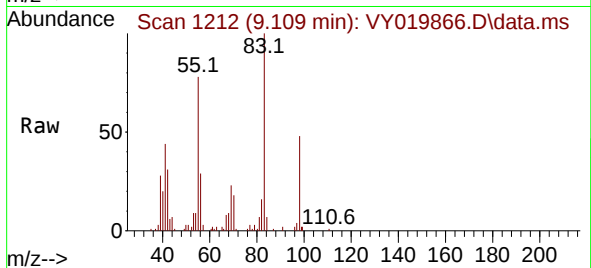
MDL-SOIL-03-QT4-2024

Tgt Ion: 83	Resp: 21080
Ion Ratio	Lower Upper
83	100
55	78.3 51.5 77.3
98	47.9 40.5 60.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#40

Benzene

Concen: 3.185 ug/l

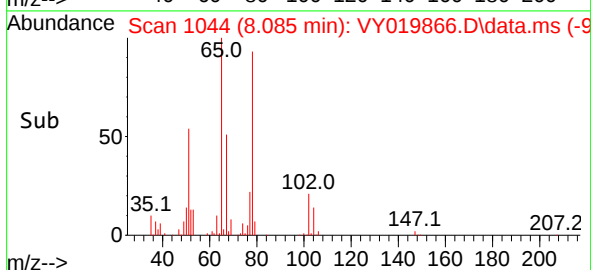
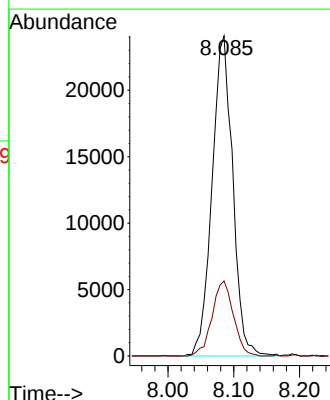
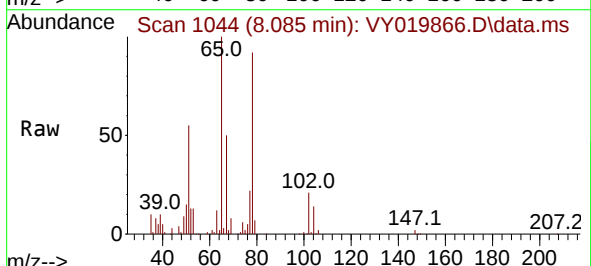
RT: 8.085 min Scan# 1044

Delta R.T. 0.006 min

Lab File: VY019866.D

Acq: 11 Oct 2024 12:19

Tgt Ion: 78	Resp: 52645
Ion Ratio	Lower Upper
78	100
77	23.4 19.5 29.3





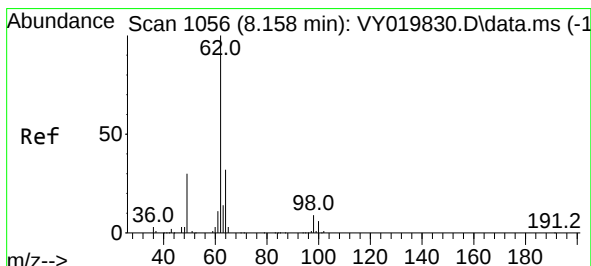
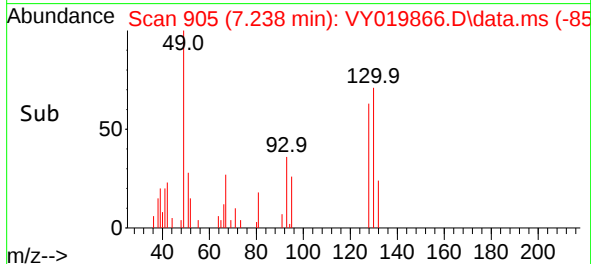
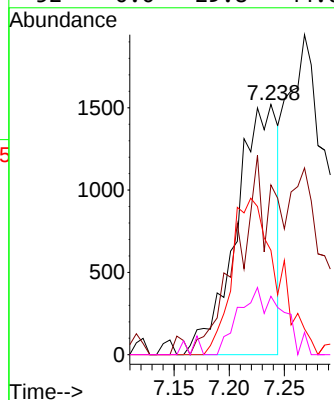
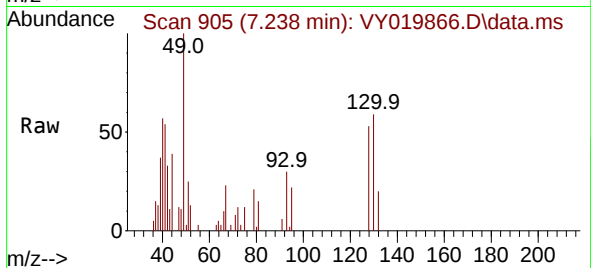
#41
Methacrylonitrile
Concen: 2.583 ug/l m
RT: 7.238 min Scan# 902
Delta R.T. 0.019 min
Lab File: VY019866.D
Acq: 11 Oct 2024 12:19

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2024

Tgt Ion: 41 Resp: 398
Ion Ratio Lower Upper
41 100
39 61.8 48.0 72.0
67 0.0 75.1 112.7
52 0.0 29.8 44.6

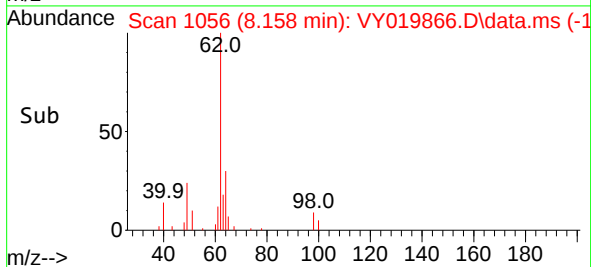
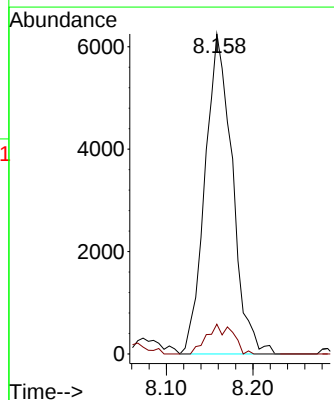
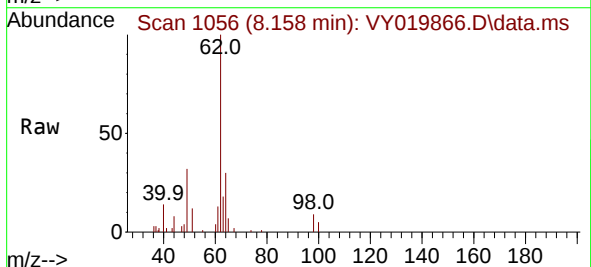
Manual Integrations
APPROVED

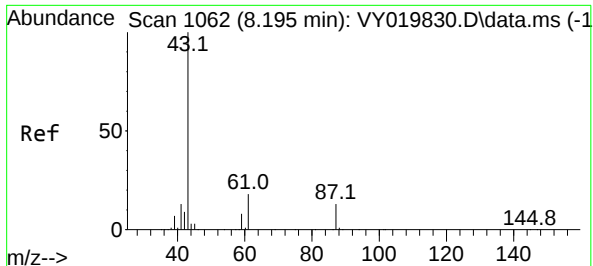
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#42
1,2-Dichloroethane
Concen: 2.879 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY019866.D
Acq: 11 Oct 2024 12:19

Tgt Ion: 62 Resp: 13675
Ion Ratio Lower Upper
62 100
98 8.8 0.0 22.0





#43

Isopropyl Acetate

Concen: 2.338 ug/l

RT: 8.201 min Scan# 1063

Delta R.T. 0.006 min

Lab File: VY019866.D

Acq: 11 Oct 2024 12:19

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT4-2024

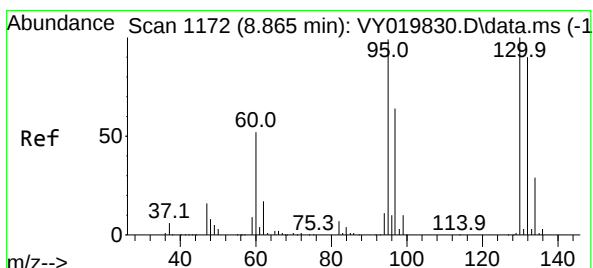
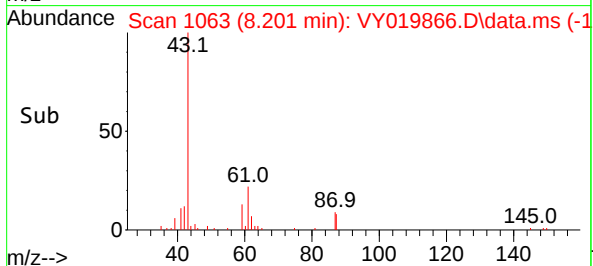
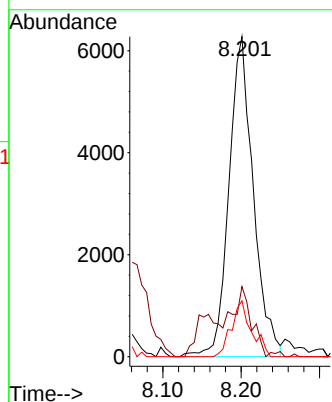
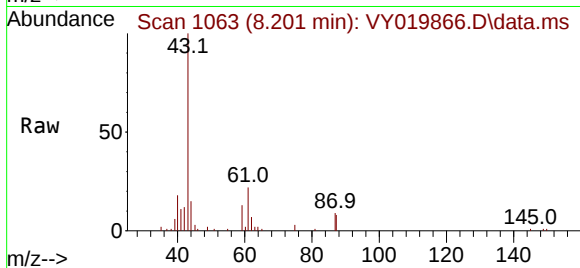
Tgt Ion:	43	Resp:	1358
Ion	Ratio	Lower	Upper
43	100		
61	16.2	27.9	41.9
87	14.4	13.1	19.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/14/2024

Supervised By :Semsettin Yesilyurt 10/14/2024



#44

Trichloroethene

Concen: 3.161 ug/l

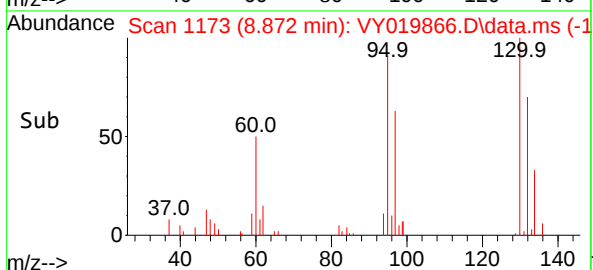
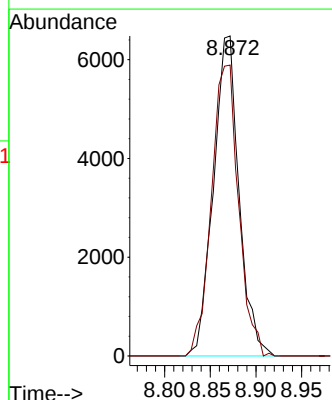
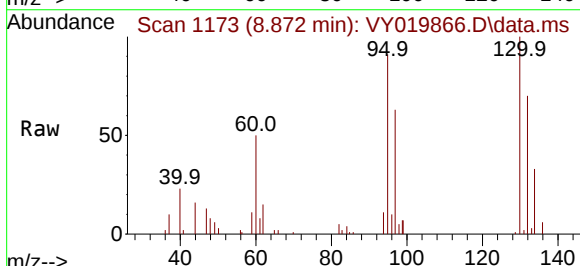
RT: 8.872 min Scan# 1173

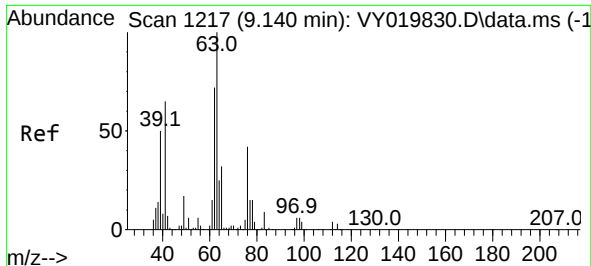
Delta R.T. 0.006 min

Lab File: VY019866.D

Acq: 11 Oct 2024 12:19

Tgt Ion:	130	Resp:	12654
Ion	Ratio	Lower	Upper
130	100		
95	90.9	0.0	188.0





#45

1,2-Dichloropropane

Concen: 2.725 ug/l

RT: 9.146 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY019866.D

Acq: 11 Oct 2024 12:19

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT4-2024

Tgt Ion: 63 Resp: 1127

Ion Ratio Lower Upper

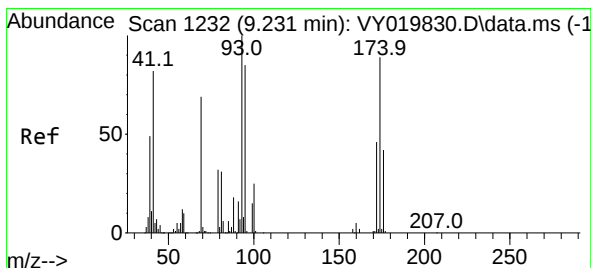
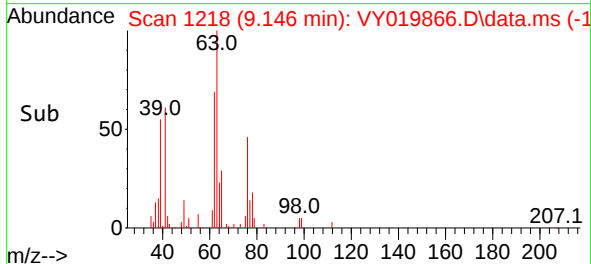
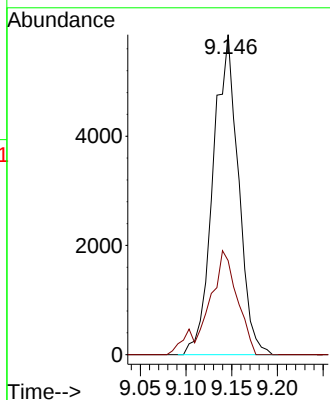
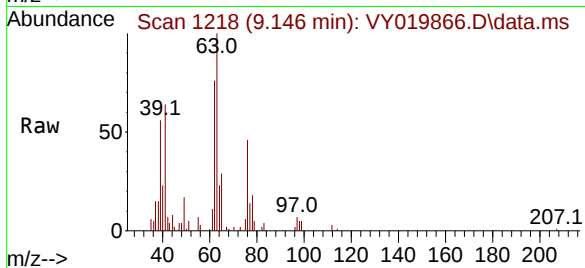
63 100

65 29.4 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#46

Dibromomethane

Concen: 2.566 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY019866.D

Acq: 11 Oct 2024 12:19

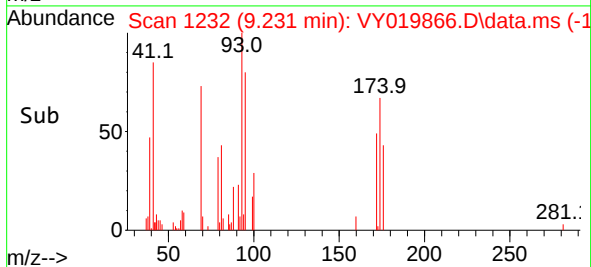
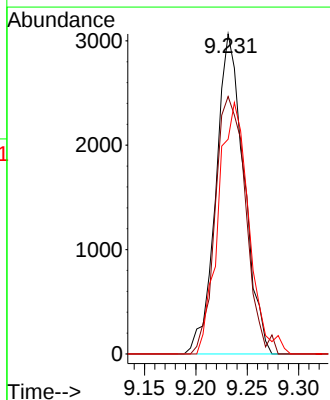
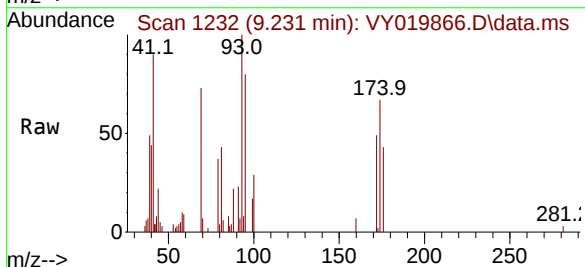
Tgt Ion: 93 Resp: 5801

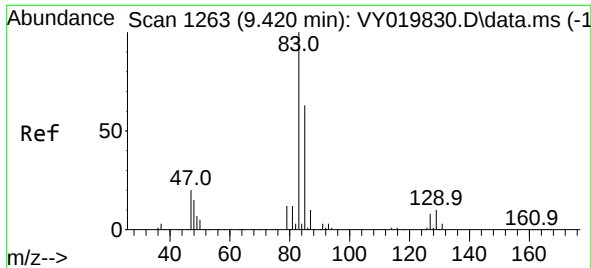
Ion Ratio Lower Upper

93 100

95 87.5 66.2 99.4

174 85.7 80.9 121.3





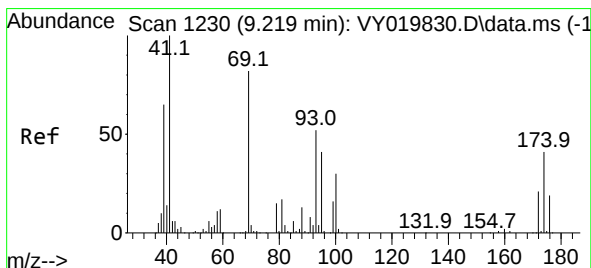
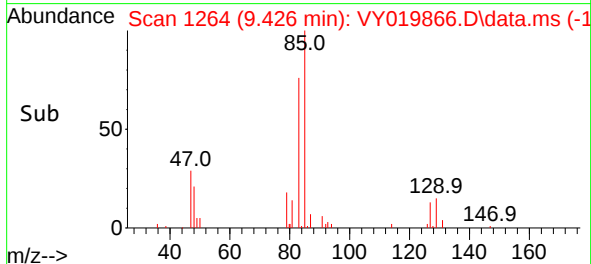
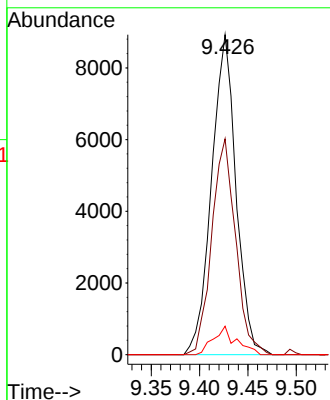
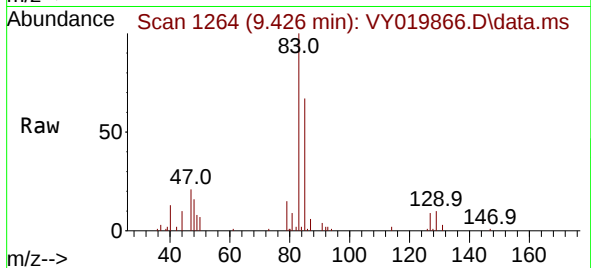
#47
Bromodichloromethane
Concen: 2.613 ug/l
RT: 9.426 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VY019866.D
Acq: 11 Oct 2024 12:19

Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT4-2024

Tgt Ion: 83 Resp: 1568
Ion Ratio Lower Upper
83 100
85 67.4 50.1 75.1
127 8.9 7.4 11.0

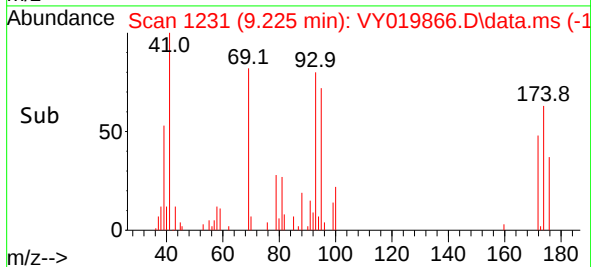
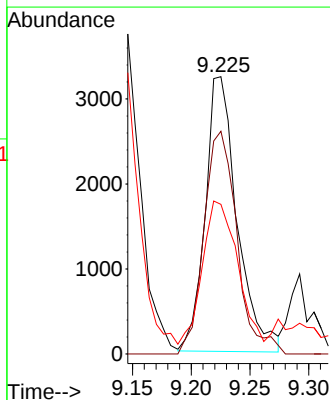
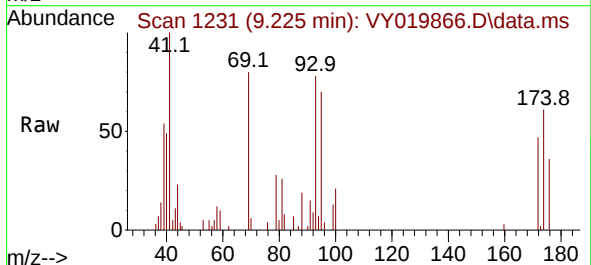
Manual Integrations
APPROVED

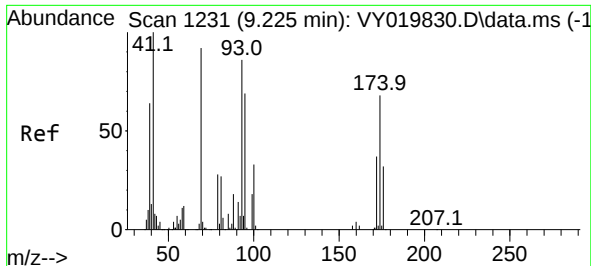
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#48
Methyl methacrylate
Concen: 2.389 ug/l
RT: 9.225 min Scan# 1231
Delta R.T. 0.006 min
Lab File: VY019866.D
Acq: 11 Oct 2024 12:19

Tgt Ion: 41 Resp: 6104
Ion Ratio Lower Upper
41 100
69 84.1 84.1 126.1
39 56.4 43.6 65.4





#49

1,4-Dioxane

Concen: 55.175 ug/l

RT: 9.231 min Scan# 1231

Delta R.T. 0.000 min

Lab File: VY019866.D

Acq: 11 Oct 2024 12:19

Instrument :

MSVOA_Y

ClientSampleId :

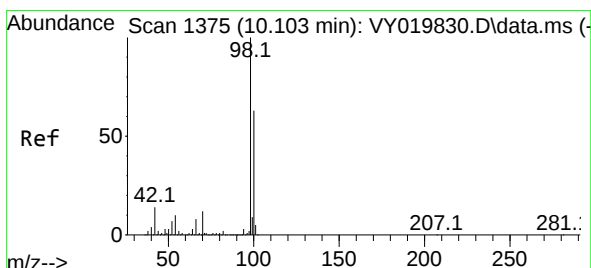
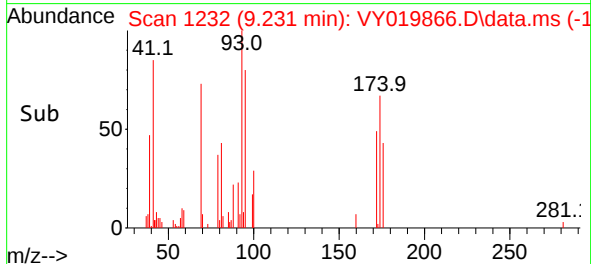
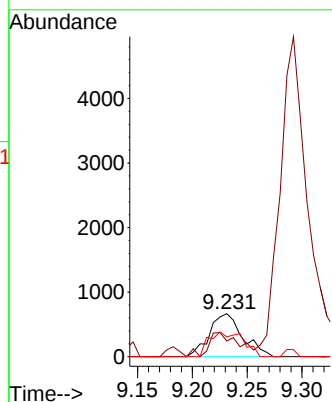
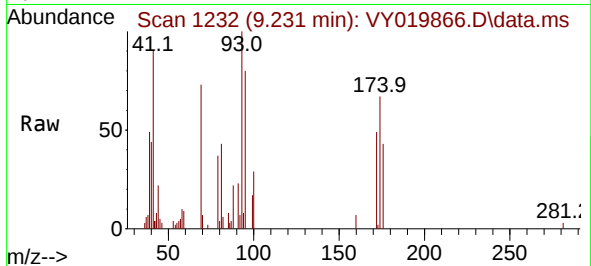
MDL-SOIL-03-QT4-2024

Tgt Ion: 88	Resp: 1390
Ion Ratio	Lower Upper
88 100	
43 51.2	0.0 0.0
58 59.4	49.3 73.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#50

Toluene-d8

Concen: 44.515 ug/l

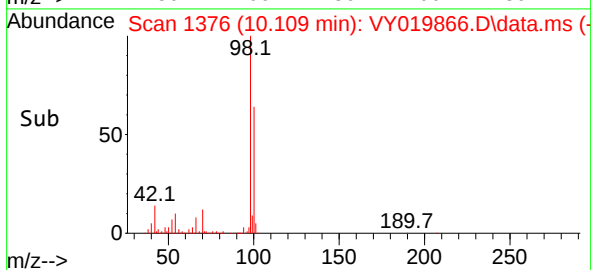
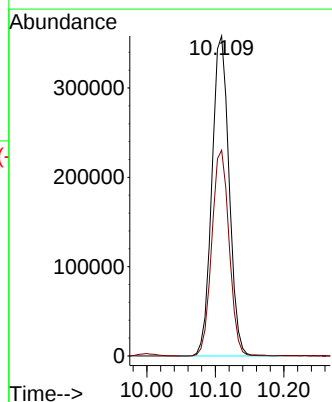
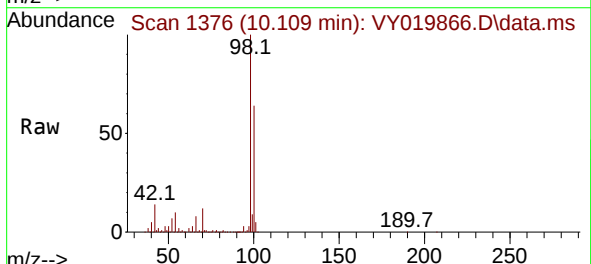
RT: 10.109 min Scan# 1376

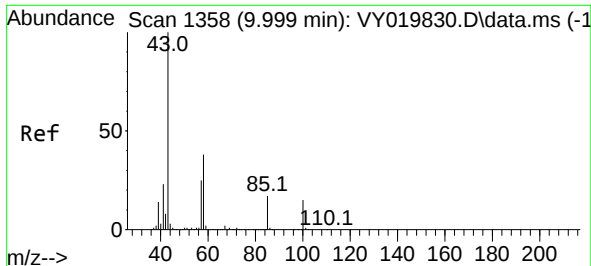
Delta R.T. 0.000 min

Lab File: VY019866.D

Acq: 11 Oct 2024 12:19

Tgt Ion: 98	Resp: 623269
Ion Ratio	Lower Upper
98 100	
100 64.6	52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 11.106 ug/l

RT: 9.999 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY019866.D

Acq: 11 Oct 2024 12:19

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT4-2024

Tgt Ion: 43 Resp: 32904

Ion Ratio Lower Upper

43 100

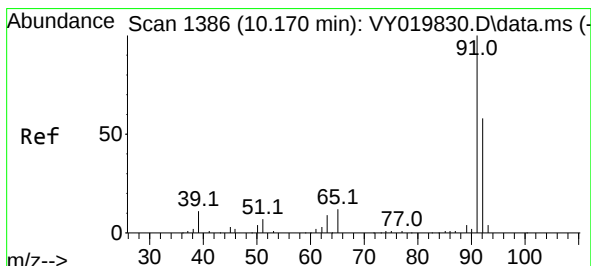
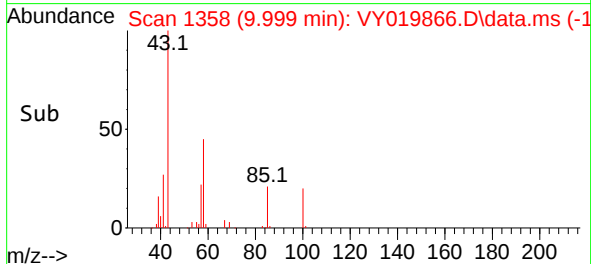
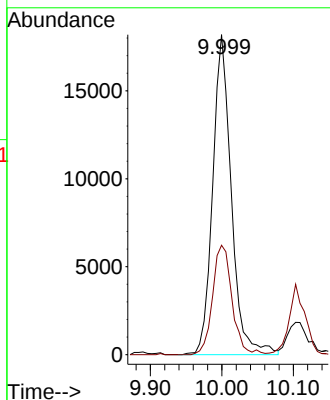
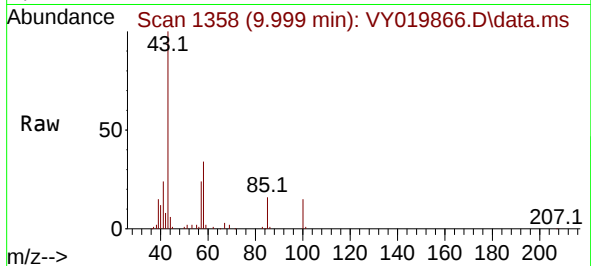
58 35.8 35.7 53.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/14/2024

Supervised By :Semsettin Yesilyurt 10/14/2024



#52

Toluene

Concen: 2.970 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY019866.D

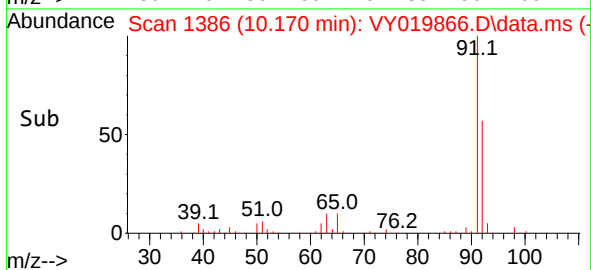
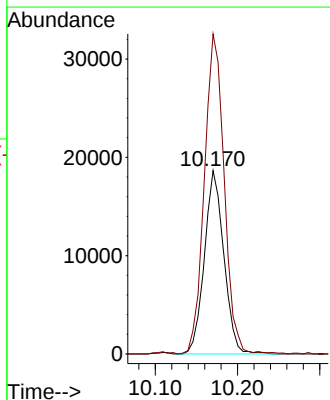
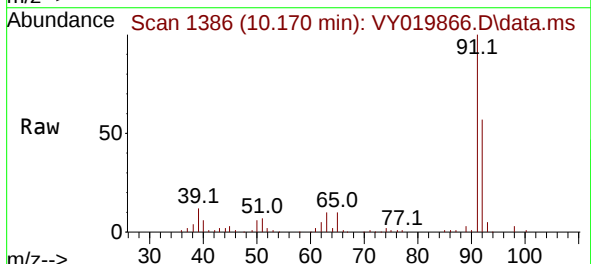
Acq: 11 Oct 2024 12:19

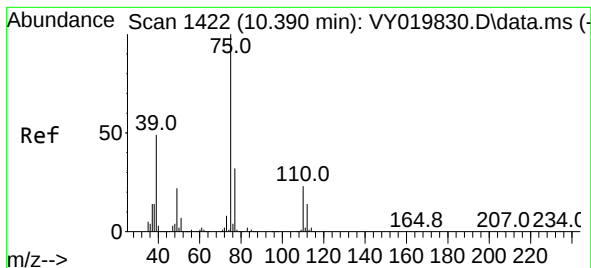
Tgt Ion: 92 Resp: 30649

Ion Ratio Lower Upper

92 100

91 178.2 139.0 208.6





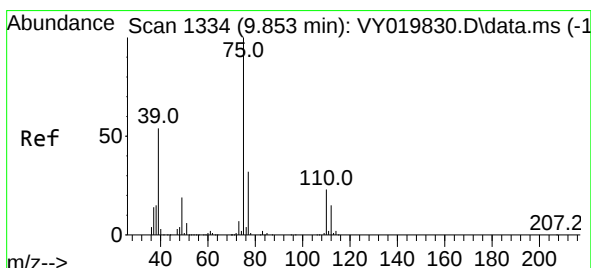
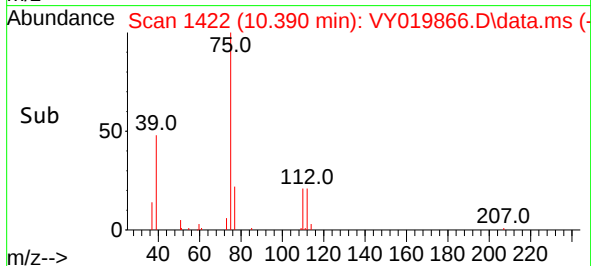
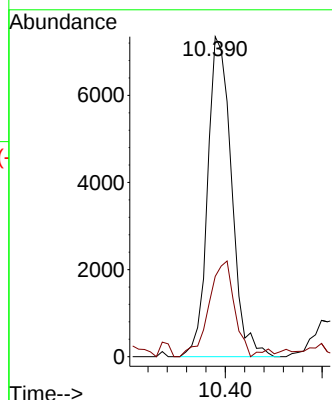
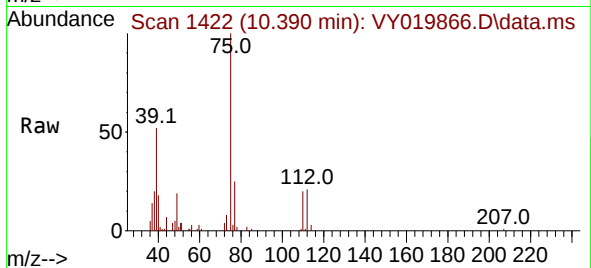
#53
t-1,3-Dichloropropene
Concen: 2.330 ug/l
RT: 10.390 min Scan# 1422
Delta R.T. -0.006 min
Lab File: VY019866.D
Acq: 11 Oct 2024 12:19

Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT4-2024

Tgt Ion: 75 Resp: 1258
Ion Ratio Lower Upper
75 100
77 25.1 24.1 36.1

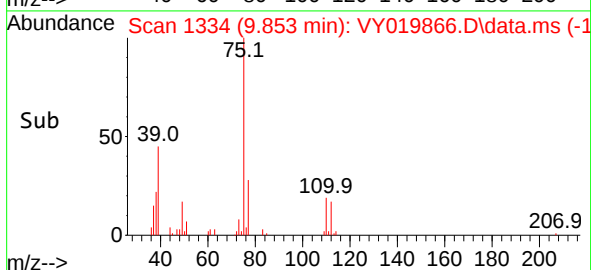
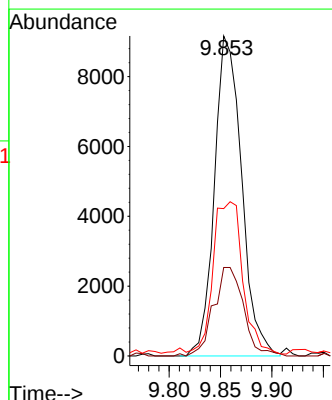
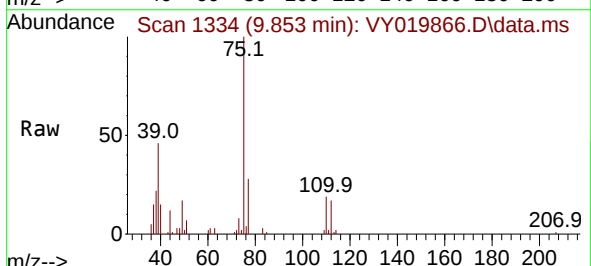
Manual Integrations
APPROVED

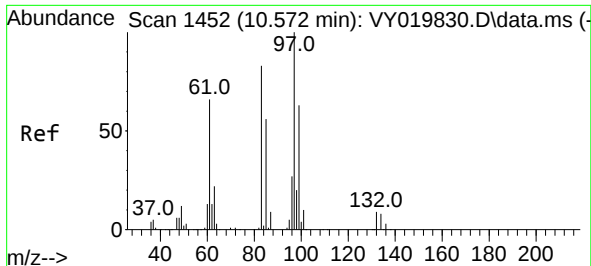
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#54
cis-1,3-Dichloropropene
Concen: 2.646 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.006 min
Lab File: VY019866.D
Acq: 11 Oct 2024 12:19

Tgt Ion: 75 Resp: 16854
Ion Ratio Lower Upper
75 100
77 27.0 25.4 38.0
39 45.4 29.8 44.6#





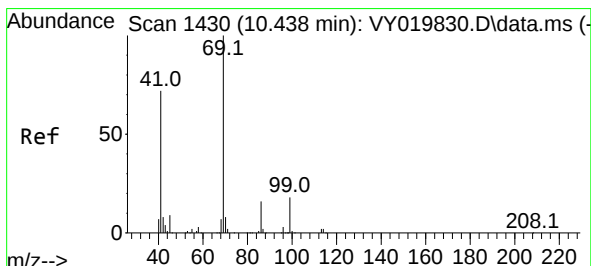
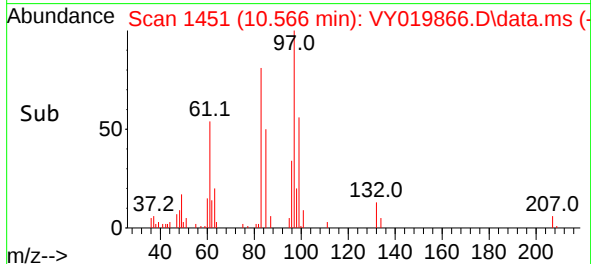
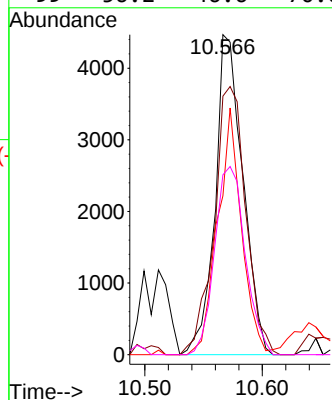
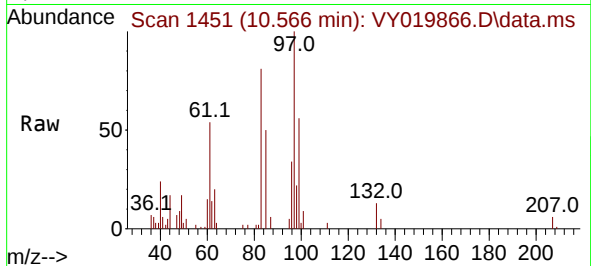
#55
1,1,2-Trichloroethane
Concen: 2.468 ug/l
RT: 10.566 min Scan# 1451
Delta R.T. -0.006 min
Lab File: VY019866.D
Acq: 11 Oct 2024 12:19

Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT4-2024

Tgt Ion: 97	Resp: 735
Ion Ratio	Lower Upper
97 100	
83 80.8	67.5 101.3
85 49.7	42.9 64.3
99 56.2	46.6 70.0

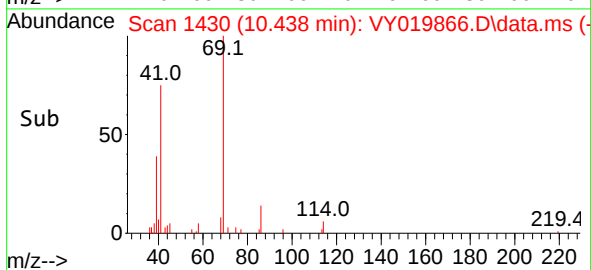
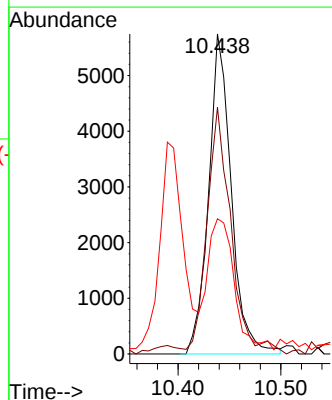
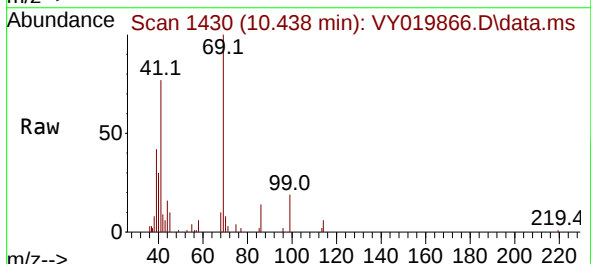
Manual Integrations
APPROVED

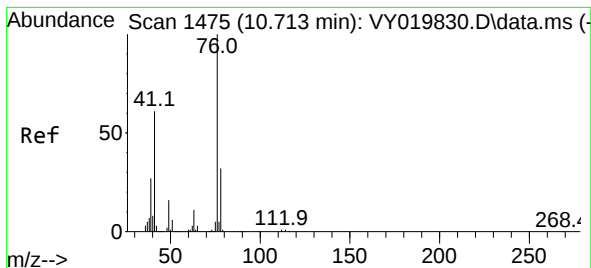
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#56
Ethyl methacrylate
Concen: 2.060 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY019866.D
Acq: 11 Oct 2024 12:19

Tgt Ion: 69	Resp: 8803
Ion Ratio	Lower Upper
69 100	
41 81.3	42.3 63.5#
39 50.1	22.9 34.3#





#57

1,3-Dichloropropane

Concen: 2.661 ug/l

RT: 10.719 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY019866.D

Acq: 11 Oct 2024 12:19

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT4-2024

Tgt Ion: 76 Resp: 13910

Ion Ratio Lower Upper

76 100

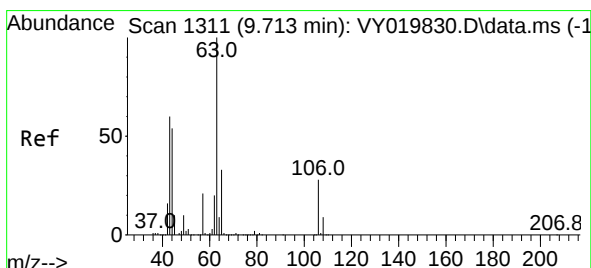
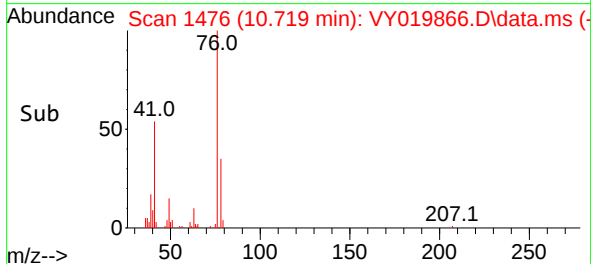
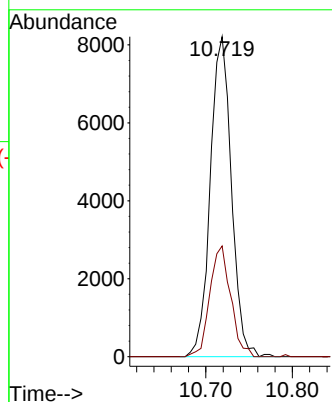
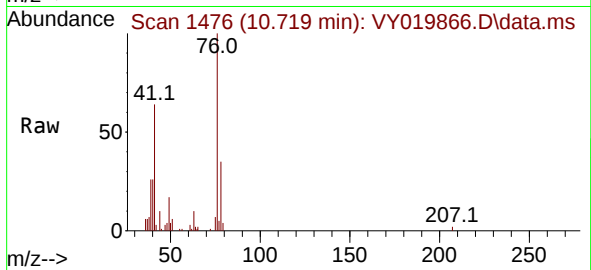
78 34.2 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/14/2024

Supervised By :Semsettin Yesilyurt 10/14/2024



#58

2-Chloroethyl Vinyl ether

Concen: 12.151 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY019866.D

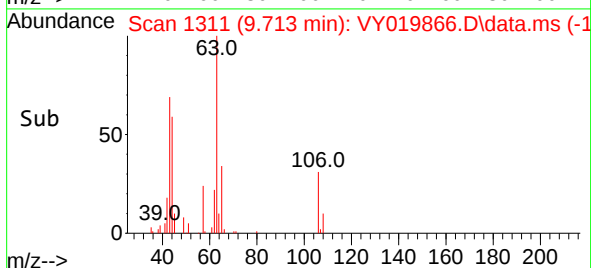
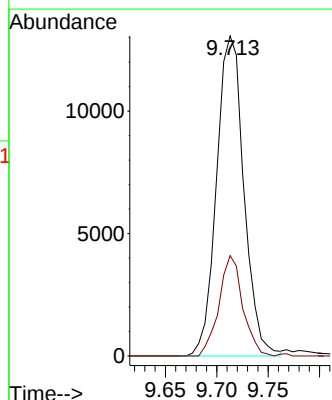
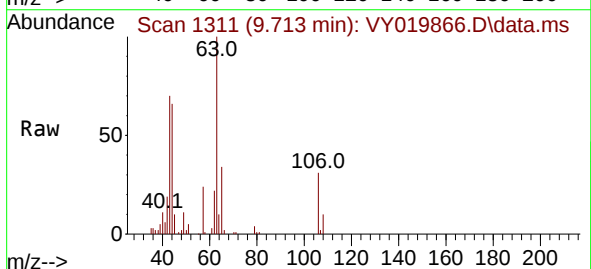
Acq: 11 Oct 2024 12:19

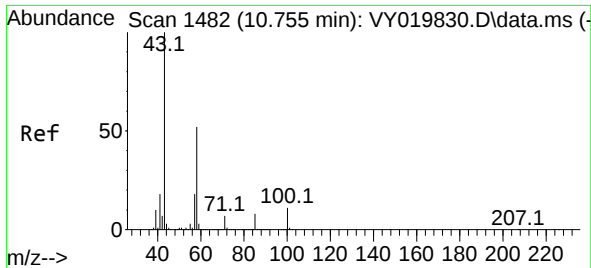
Tgt Ion: 63 Resp: 24174

Ion Ratio Lower Upper

63 100

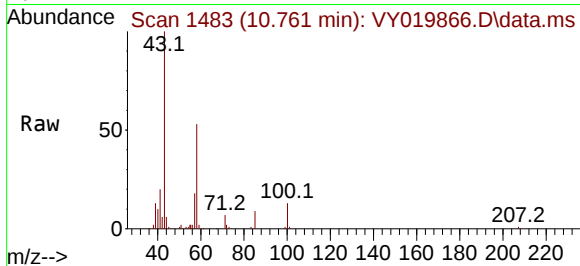
106 27.2 23.7 35.5





#59
2-Hexanone
Concen: 10.031 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY019866.D
Acq: 11 Oct 2024 12:19

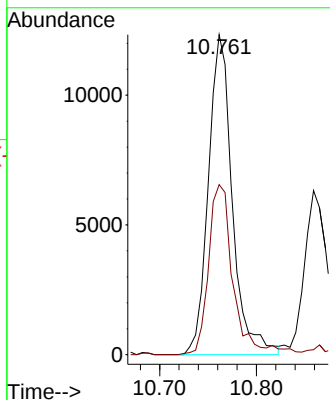
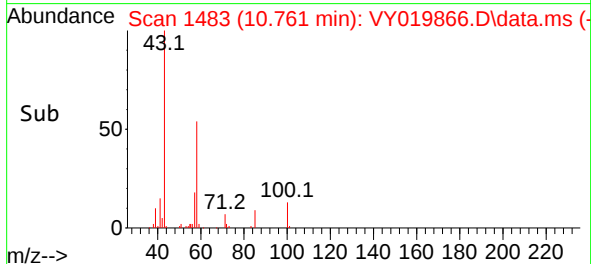
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2024



Tgt Ion: 43 Resp: 21220
Ion Ratio Lower Upper
43 100
58 52.6 31.4 94.0

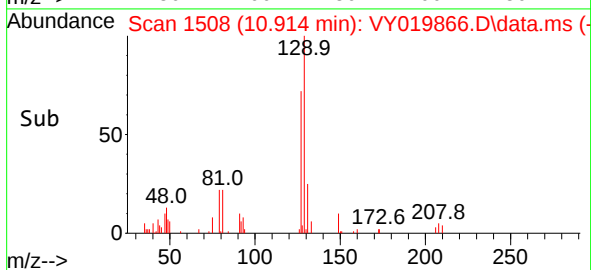
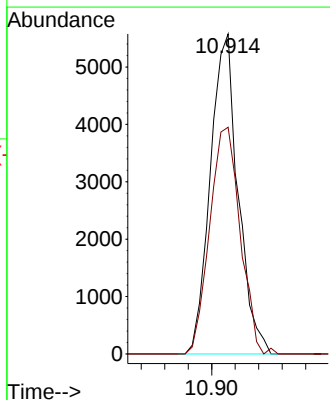
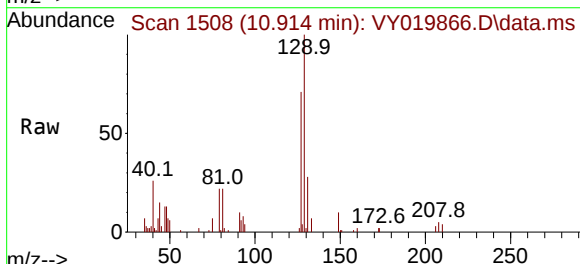
Manual Integrations
APPROVED

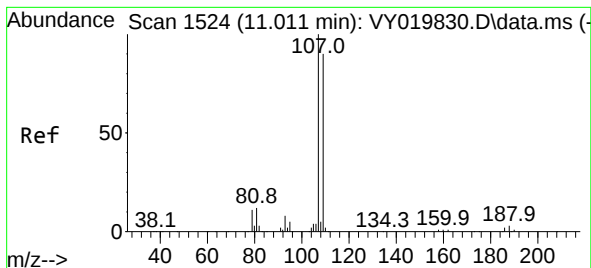
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#60
Dibromochloromethane
Concen: 2.398 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY019866.D
Acq: 11 Oct 2024 12:19

Tgt Ion:129 Resp: 9167
Ion Ratio Lower Upper
129 100
127 77.6 39.0 117.0





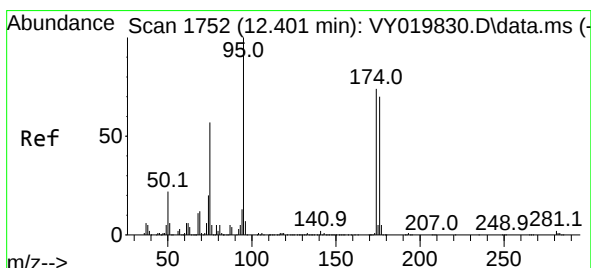
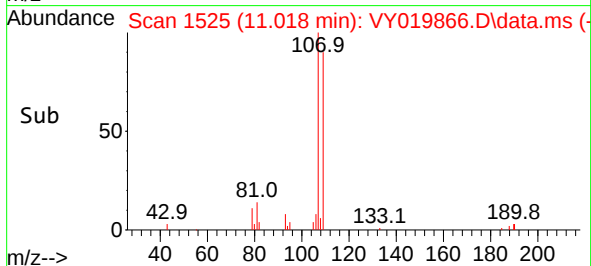
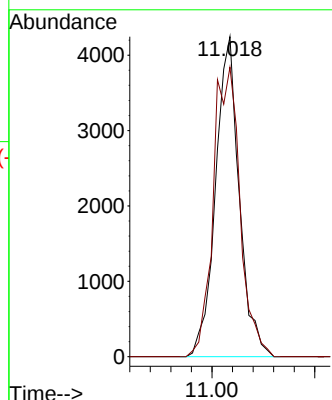
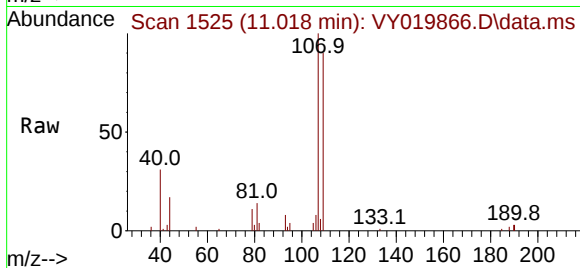
#61
1,2-Dibromoethane
Concen: 2.521 ug/l
RT: 11.018 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VY019866.D
Acq: 11 Oct 2024 12:19

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2024

Tgt Ion:107 Resp: 6784
Ion Ratio Lower Upper
107 100
109 102.2 75.9 113.9

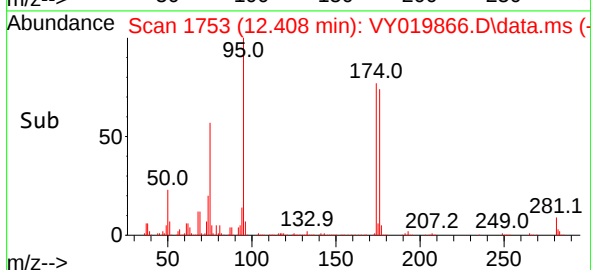
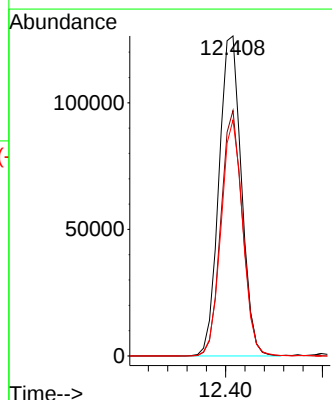
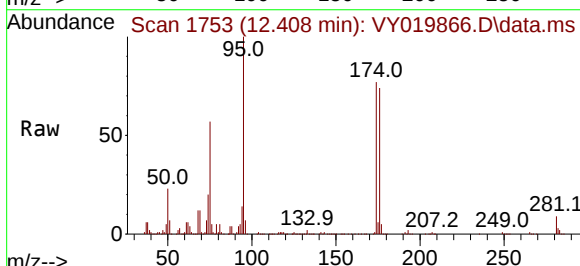
Manual Integrations
APPROVED

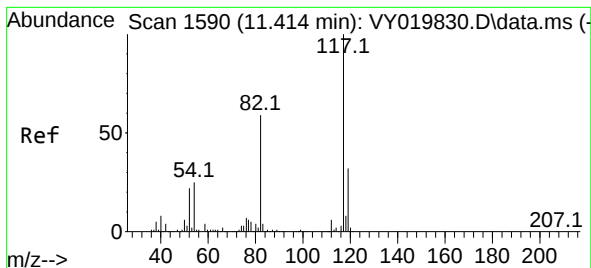
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#62
4-Bromofluorobenzene
Concen: 40.291 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019866.D
Acq: 11 Oct 2024 12:19

Tgt Ion: 95 Resp: 203832
Ion Ratio Lower Upper
95 100
174 73.7 0.0 175.6
176 71.1 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: VY019866.D

Acq: 11 Oct 2024 12:19

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT4-2024

Tgt Ion:117 Resp: 470680

Ion Ratio Lower Upper

117 100

82 60.6 42.4 63.6

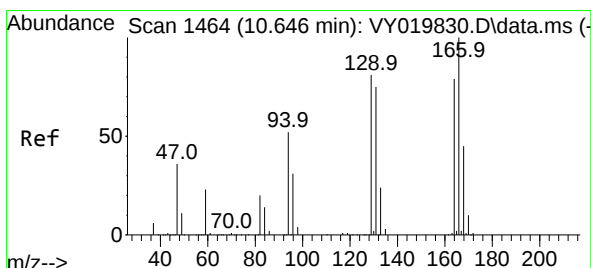
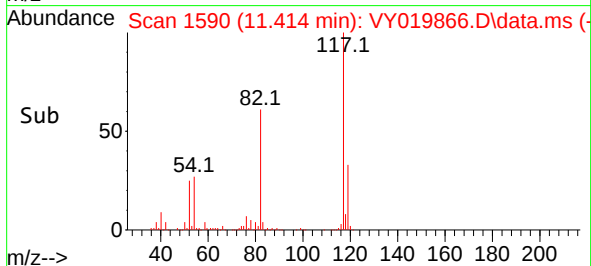
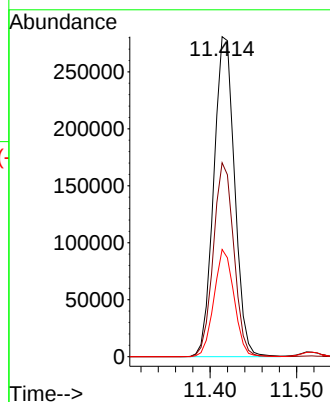
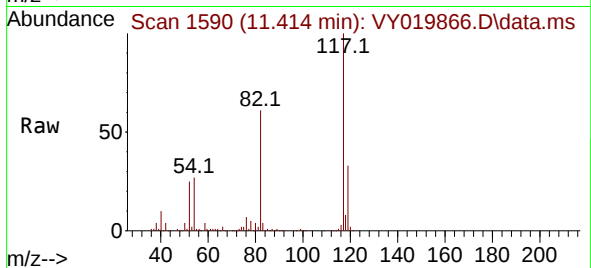
119 33.5 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/14/2024

Supervised By :Semsettin Yesilyurt 10/14/2024



#64

Tetrachloroethene

Concen: 2.993 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY019866.D

Acq: 11 Oct 2024 12:19

Tgt Ion:164 Resp: 10020

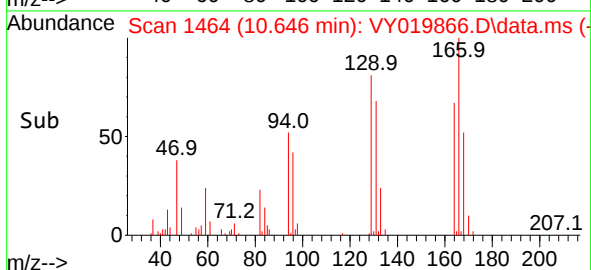
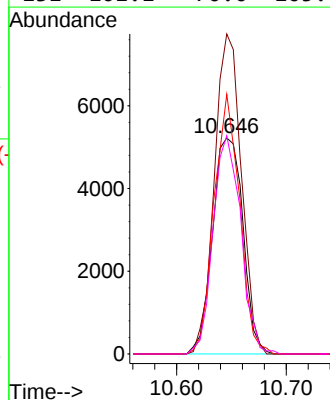
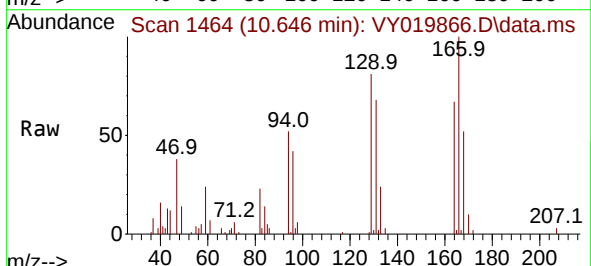
Ion Ratio Lower Upper

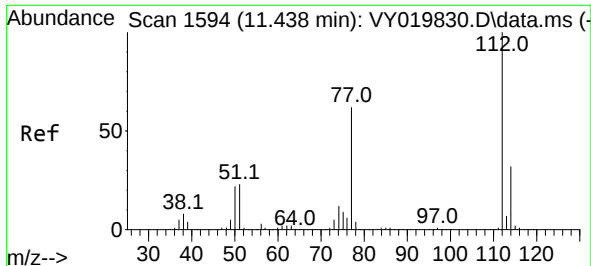
164 100

166 148.2 102.6 154.0

129 120.2 72.0 108.0#

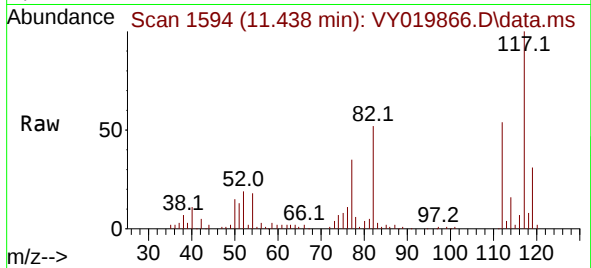
131 101.1 70.0 105.0





#65
Chlorobenzene
Concen: 2.955 ug/l
RT: 11.438 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019866.D
Acq: 11 Oct 2024 12:19

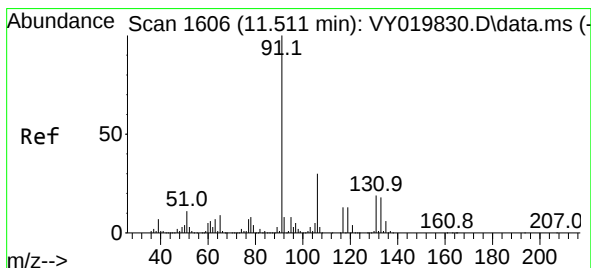
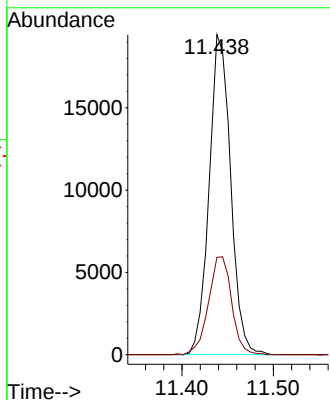
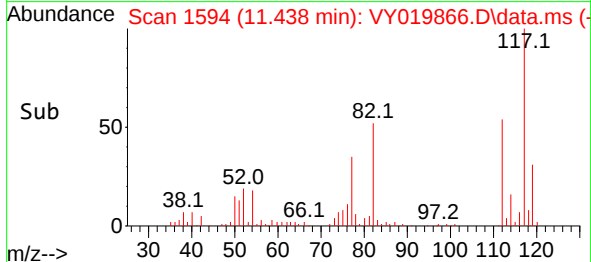
Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2024



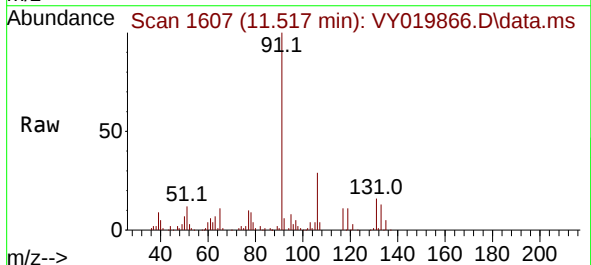
Tgt Ion:112 Resp: 3180
Ion Ratio Lower Upper
112 100
114 30.4 26.4 39.6

Manual Integrations
APPROVED

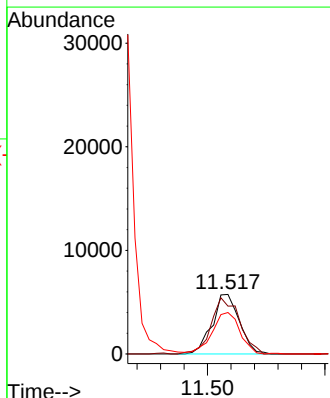
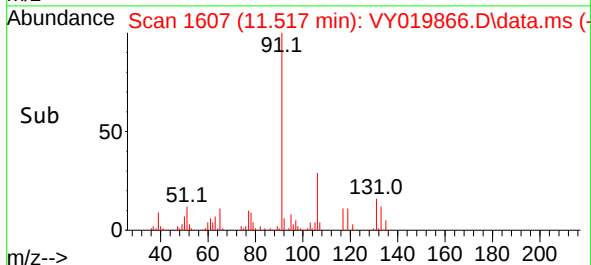
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024

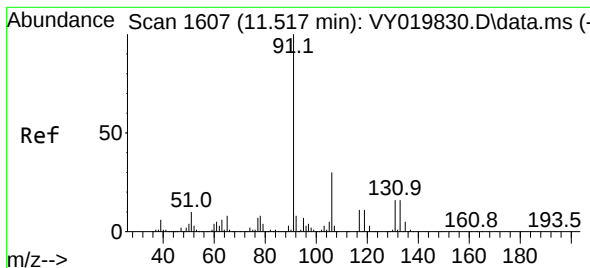


#66
1,1,1,2-Tetrachloroethane
Concen: 2.529 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY019866.D
Acq: 11 Oct 2024 12:19



Tgt Ion:131 Resp: 9212
Ion Ratio Lower Upper
131 100
133 98.8 47.8 143.3
119 71.0 34.1 102.2





#67

Ethyl Benzene

Concen: 2.970 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY019866.D

Acq: 11 Oct 2024 12:19

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT4-2024

Tgt Ion: 91 Resp: 5808

Ion Ratio Lower Upper

91 100

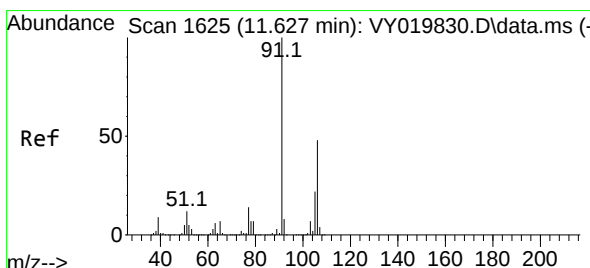
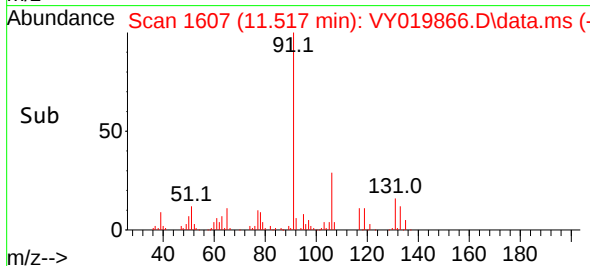
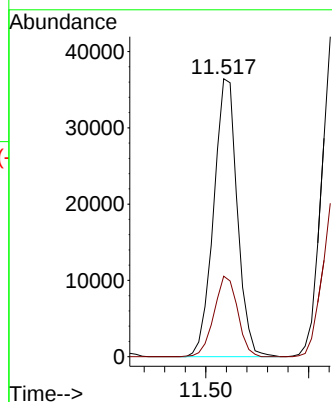
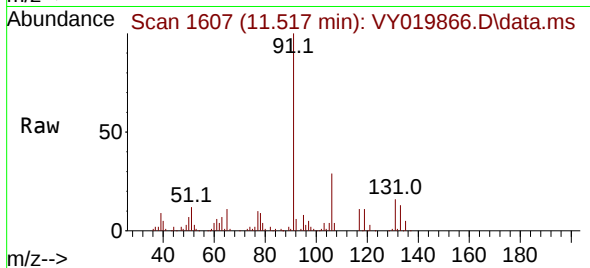
106 28.9 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/14/2024

Supervised By :Semsettin Yesilyurt 10/14/2024



#68

m/p-Xylenes

Concen: 5.669 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY019866.D

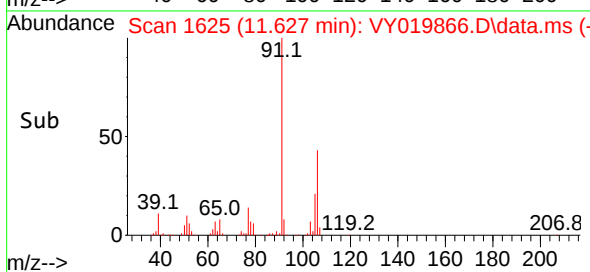
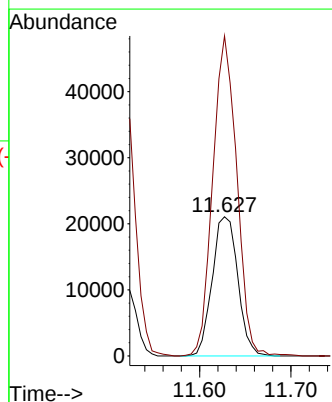
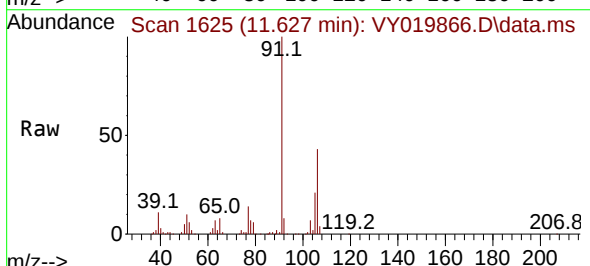
Acq: 11 Oct 2024 12:19

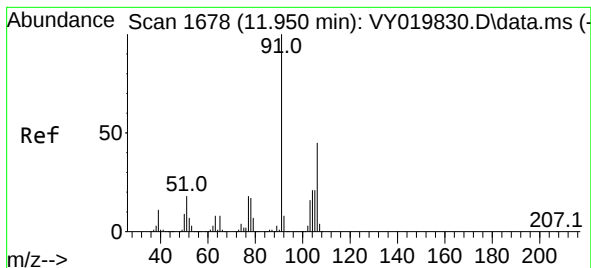
Tgt Ion:106 Resp: 40943

Ion Ratio Lower Upper

106 100

91 215.9 156.0 234.0





#69

o-Xylene

Concen: 2.745 ug/l

RT: 11.956 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019866.D

Acq: 11 Oct 2024 12:19

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT4-2024

Tgt Ion:106 Resp: 19049

Ion Ratio Lower Upper

106 100

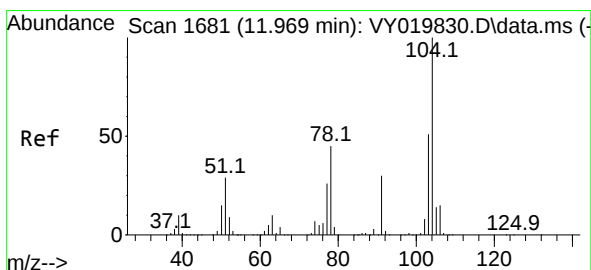
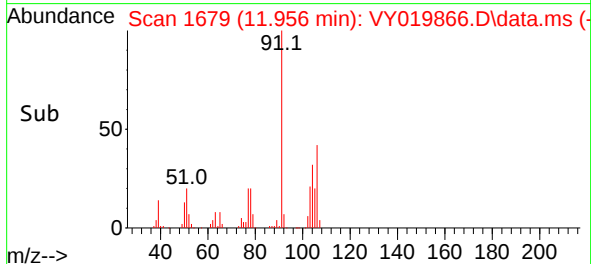
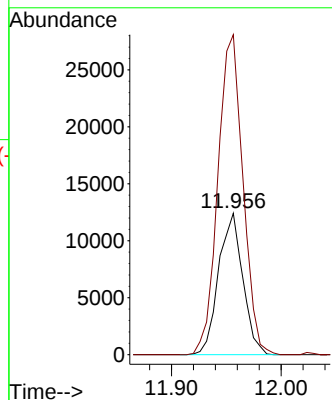
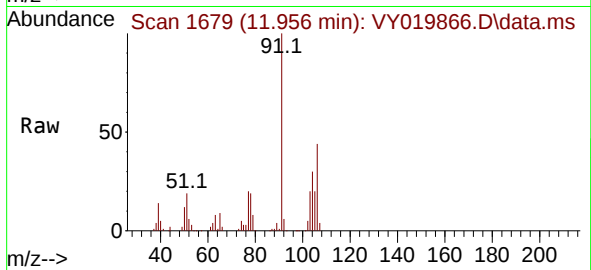
91 234.3 103.6 310.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/14/2024

Supervised By :Semsettin Yesilyurt 10/14/2024



#70

Styrene

Concen: 2.629 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY019866.D

Acq: 11 Oct 2024 12:19

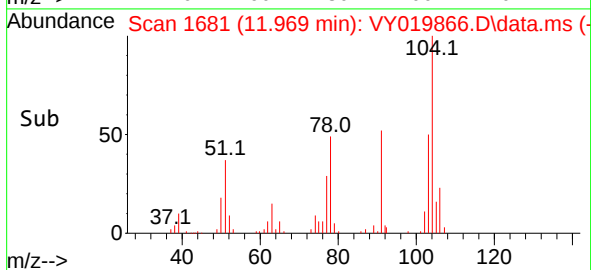
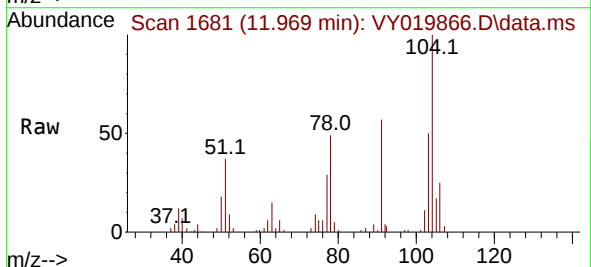
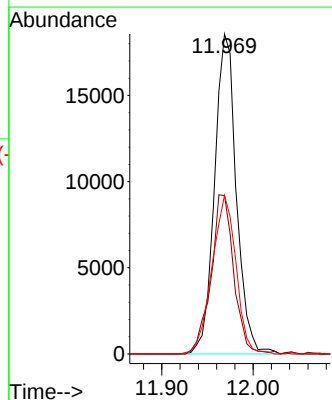
Tgt Ion:104 Resp: 30774

Ion Ratio Lower Upper

104 100

78 52.0 37.0 55.4

103 54.5 44.2 66.2





#71

Bromoform

Concen: 2.351 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. 0.000 min

Lab File: VY019866.D

Acq: 11 Oct 2024 12:19

Instrument :

MSVOA_Y

ClientSampleId :

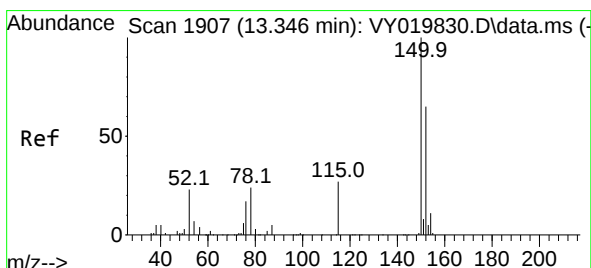
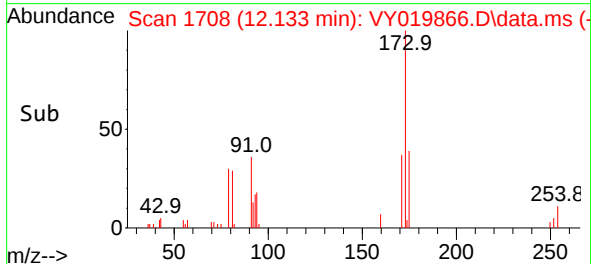
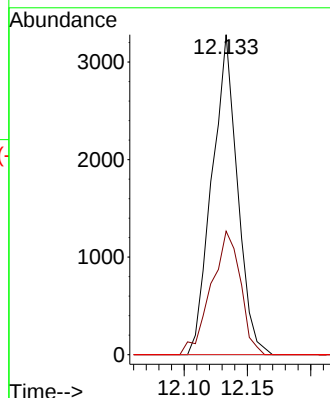
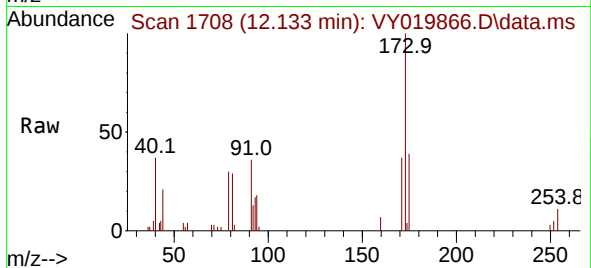
MDL-SOIL-03-QT4-2024

Tgt Ion:	173	Resp:	4584
Ion Ratio	Lower	Upper	
173	100		
175	44.5	25.1	75.3
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

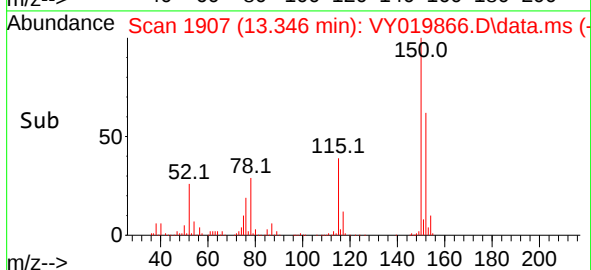
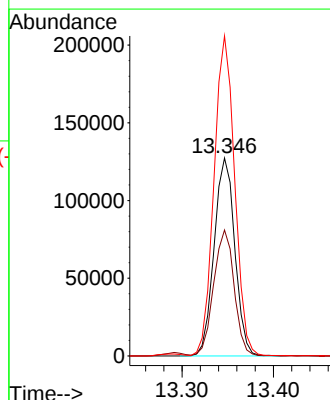
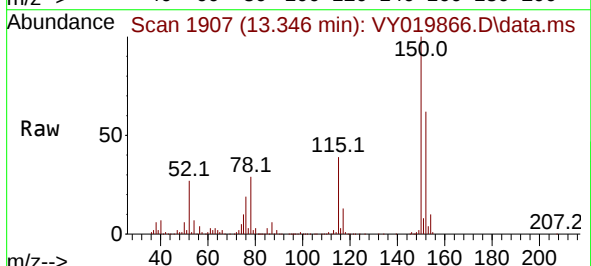
RT: 13.346 min Scan# 1907

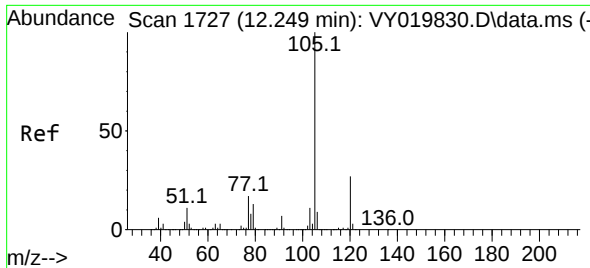
Delta R.T. 0.000 min

Lab File: VY019866.D

Acq: 11 Oct 2024 12:19

Tgt Ion:	152	Resp:	200188
Ion Ratio	Lower	Upper	
152	100		
115	62.9	28.2	84.7
150	161.3	0.0	345.6





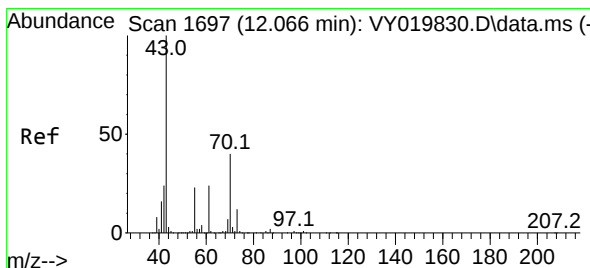
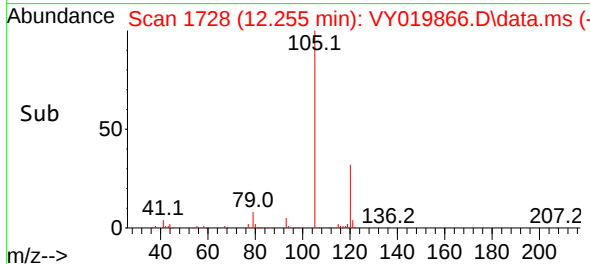
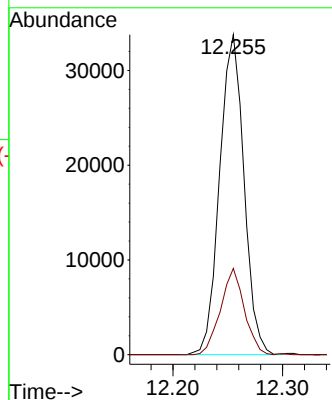
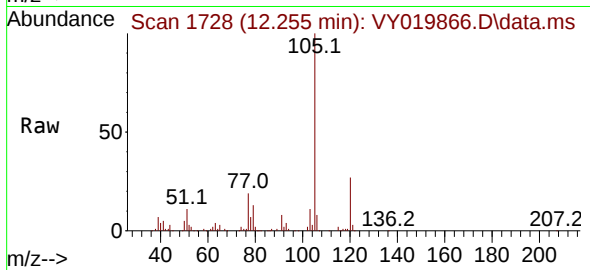
#73
Isopropylbenzene
Concen: 3.095 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. 0.000 min
Lab File: VY019866.D
Acq: 11 Oct 2024 12:19

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2024

Tgt Ion:105 Resp: 5211
Ion Ratio Lower Upper
105 100
120 26.3 13.4 40.1

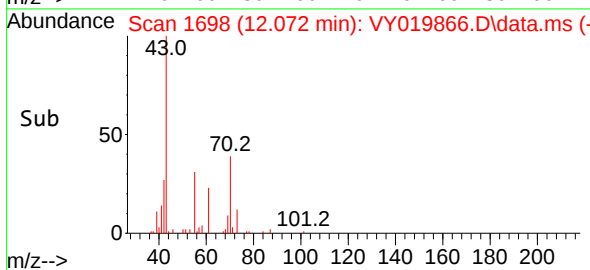
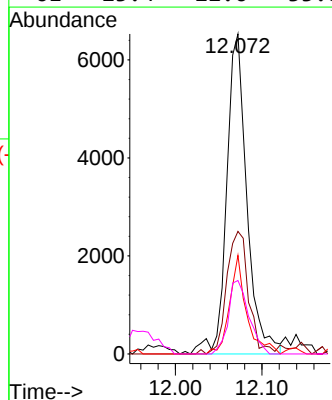
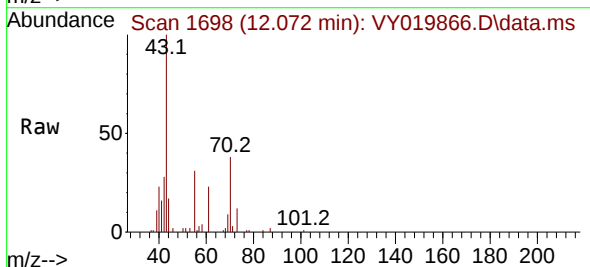
Manual Integrations
APPROVED

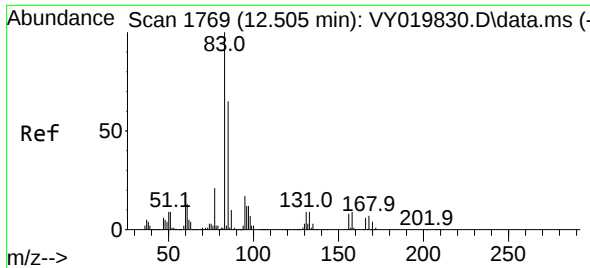
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#74
N-ethyl acetate
Concen: 2.381 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY019866.D
Acq: 11 Oct 2024 12:19

Tgt Ion: 43 Resp: 10619
Ion Ratio Lower Upper
43 100
70 41.4 41.4 62.2#
55 25.7 23.3 34.9
61 23.4 22.6 33.8





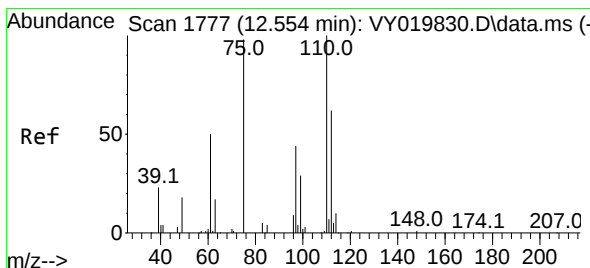
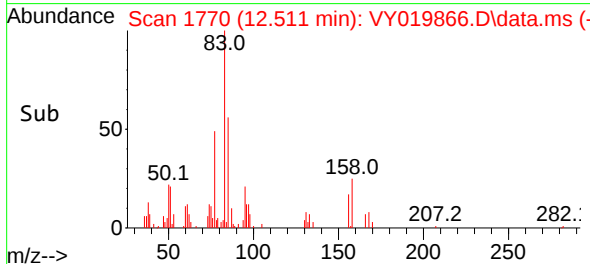
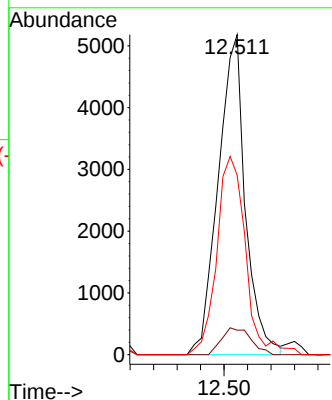
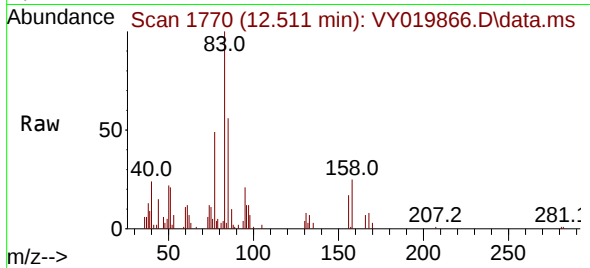
#75
1,1,2,2-Tetrachloroethane
Concen: 2.783 ug/l
RT: 12.511 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY019866.D
Acq: 11 Oct 2024 12:19

Instrument :
MSVOA_Y
ClientSampleId :
MDL-SOIL-03-QT4-2024

Tgt Ion: 83 Resp: 8328
Ion Ratio Lower Upper
83 100
131 9.0 5.0 14.9
85 65.5 32.0 96.0

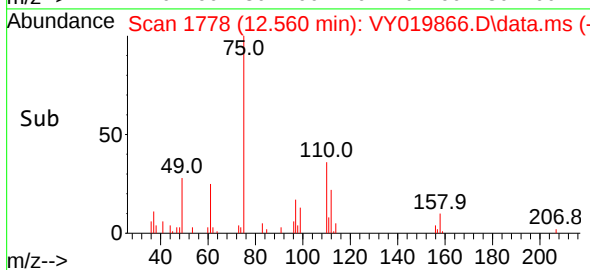
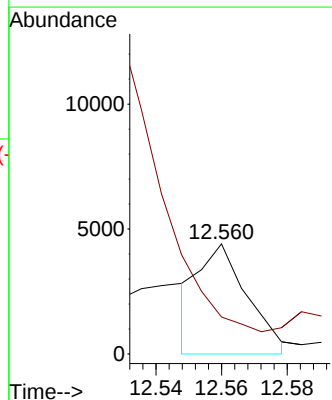
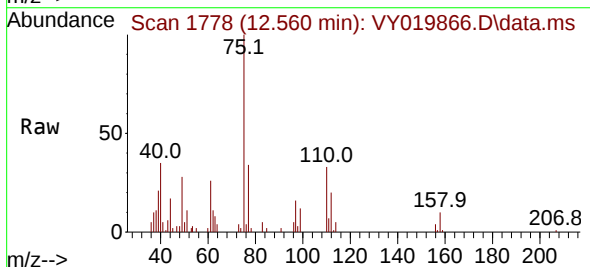
Manual Integrations
APPROVED

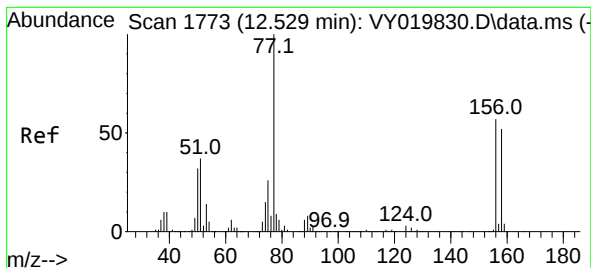
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#76
1,2,3-Trichloropropane
Concen: 1.161 ug/l m
RT: 12.560 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VY019866.D
Acq: 11 Oct 2024 12:19

Tgt Ion: 75 Resp: 4552
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 2.961 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY019866.D

Acq: 11 Oct 2024 12:19

Instrument :

MSVOA_Y

ClientSampleId :

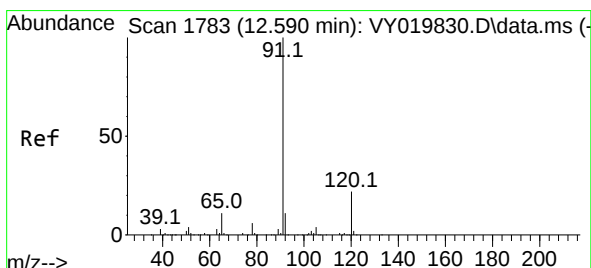
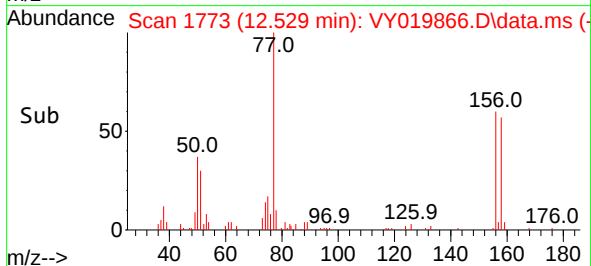
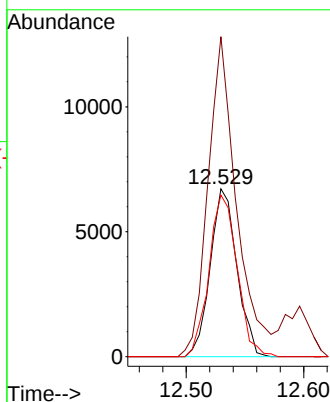
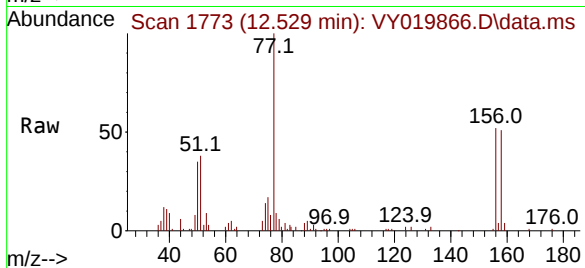
MDL-SOIL-03-QT4-2024

Tgt Ion:	156	Resp:	10579
Ion Ratio	Lower	Upper	
156	100		
77	203.3	87.1	261.3
158	101.8	48.6	145.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#78

n-propylbenzene

Concen: 3.149 ug/l

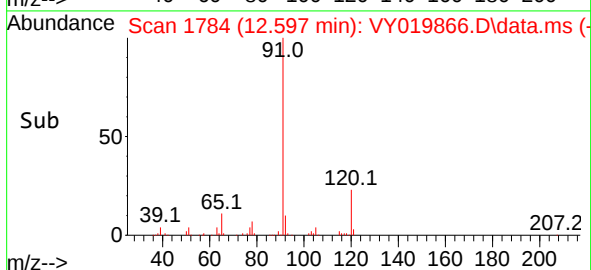
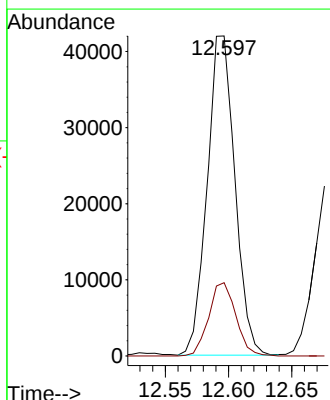
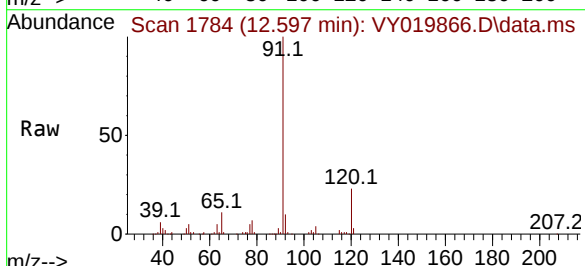
RT: 12.597 min Scan# 1784

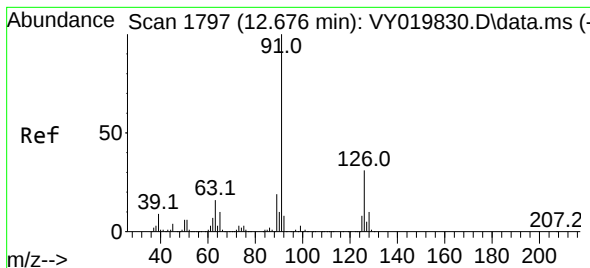
Delta R.T. 0.000 min

Lab File: VY019866.D

Acq: 11 Oct 2024 12:19

Tgt Ion:	91	Resp:	64076
Ion Ratio	Lower	Upper	
91	100		
120	22.4	11.5	34.4





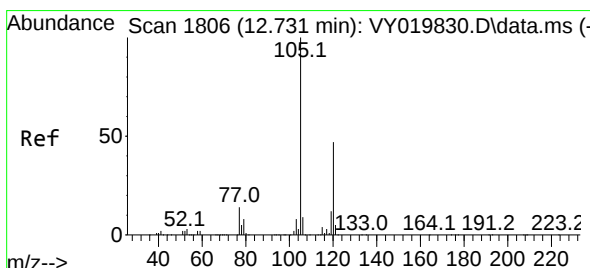
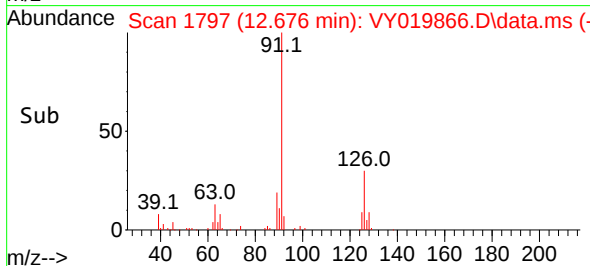
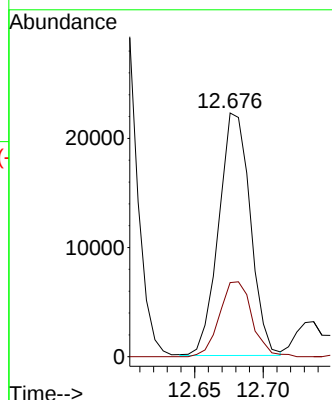
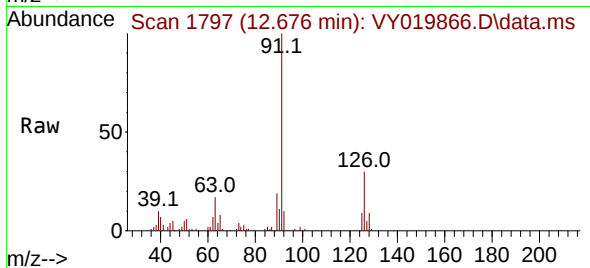
#79
2-Chlorotoluene
Concen: 3.064 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. -0.006 min
Lab File: VY019866.D
Acq: 11 Oct 2024 12:19

Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT4-2024

Tgt Ion: 91 Resp: 35740
Ion Ratio Lower Upper
91 100
126 31.8 17.8 53.5

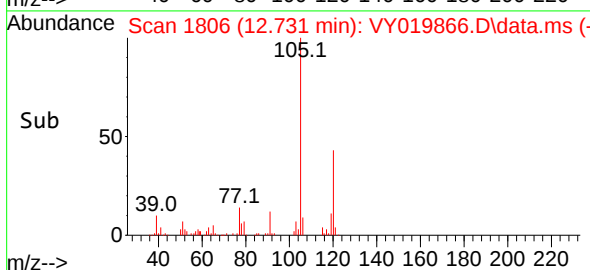
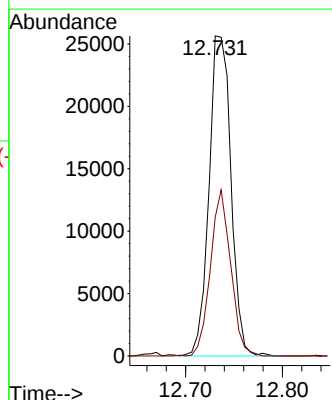
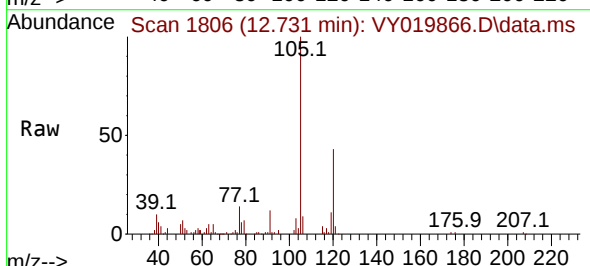
Manual Integrations
APPROVED

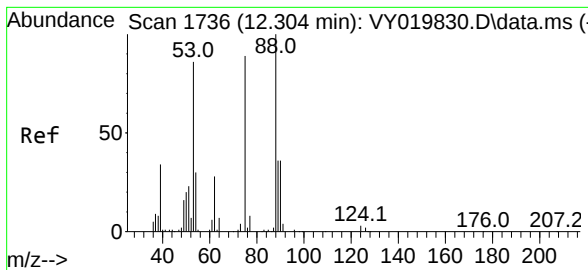
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#80
1,3,5-Trimethylbenzene
Concen: 2.978 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VY019866.D
Acq: 11 Oct 2024 12:19

Tgt Ion:105 Resp: 40496
Ion Ratio Lower Upper
105 100
120 47.9 25.1 75.2





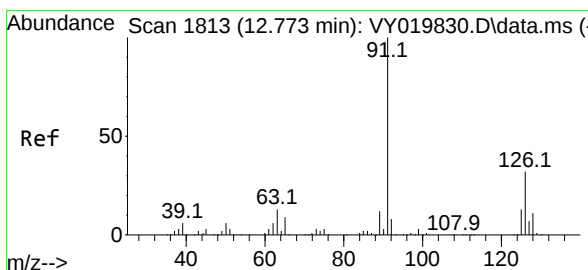
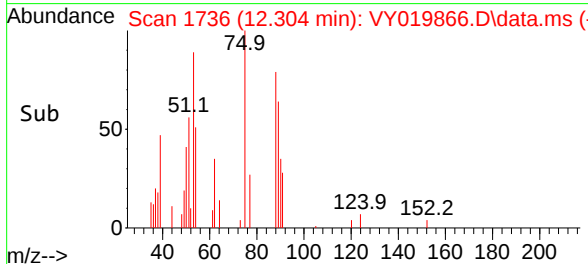
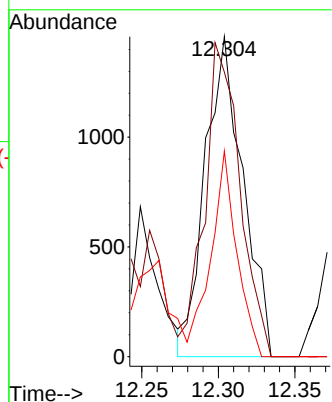
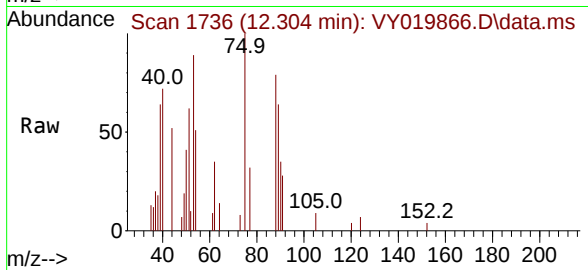
#81
trans-1,4-Dichloro-2-butene
Concen: 2.574 ug/l m
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY019866.D
Acq: 11 Oct 2024 12:19

Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT4-2024

Tgt Ion: 75 Resp: 2500
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2
89 12.5 35.8 53.6

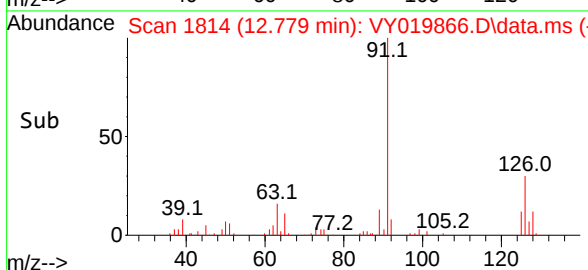
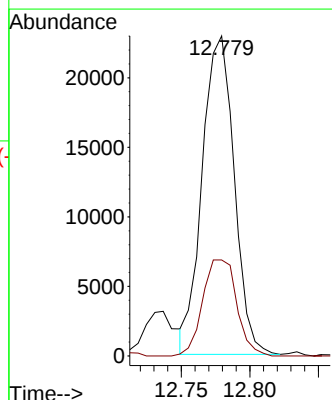
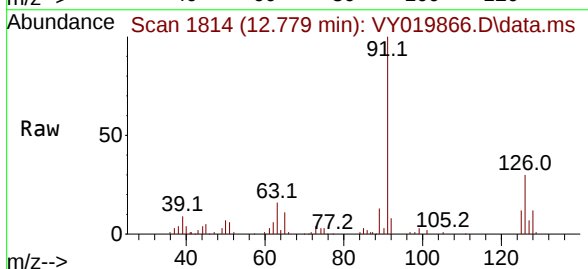
Manual Integrations
APPROVED

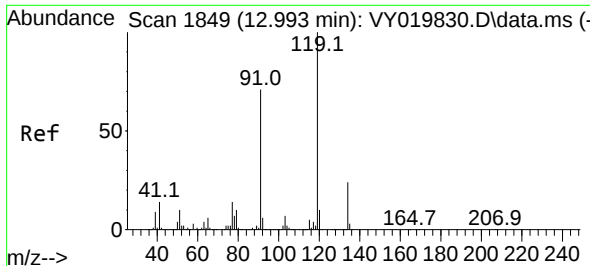
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#82
4-Chlorotoluene
Concen: 3.117 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY019866.D
Acq: 11 Oct 2024 12:19

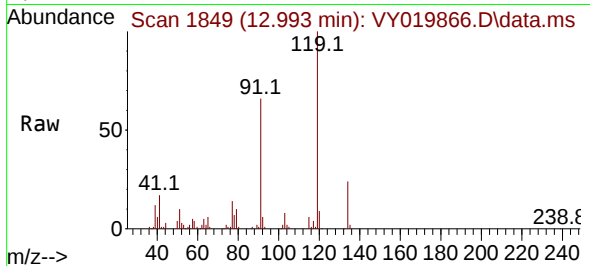
Tgt Ion: 91 Resp: 37170
Ion Ratio Lower Upper
91 100
126 32.2 17.6 52.9





#83
tert-Butylbenzene
Concen: 3.098 ug/l
RT: 12.993 min Scan# 1849
Delta R.T. -0.006 min
Lab File: VY019866.D
Acq: 11 Oct 2024 12:19

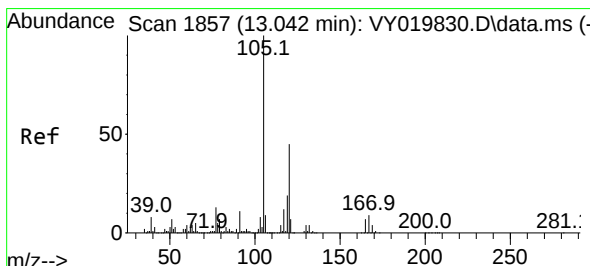
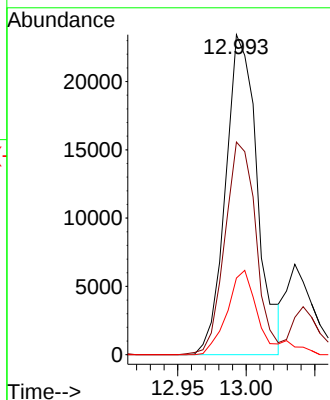
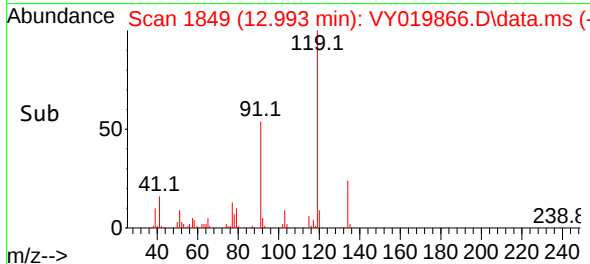
Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT4-2024



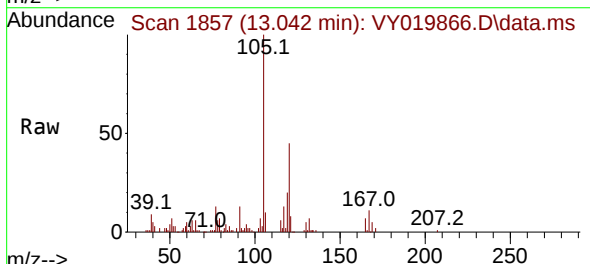
Tgt Ion:119 Resp: 37730
Ion Ratio Lower Upper
119 100
91 65.1 31.3 93.8
134 27.1 13.4 40.1

Manual Integrations
APPROVED

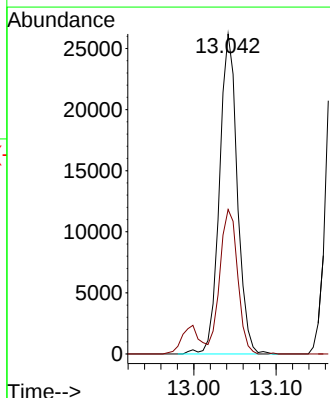
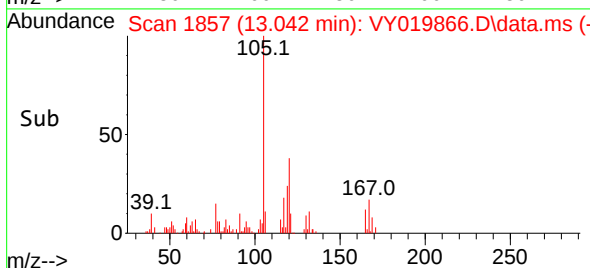
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024

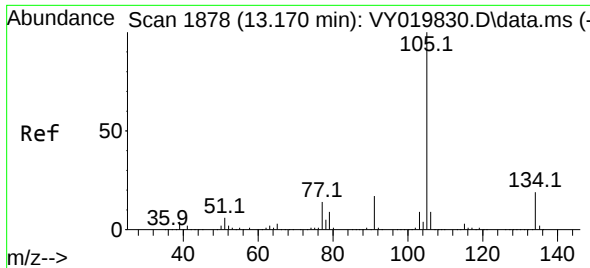


#84
1,2,4-Trimethylbenzene
Concen: 2.931 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.006 min
Lab File: VY019866.D
Acq: 11 Oct 2024 12:19



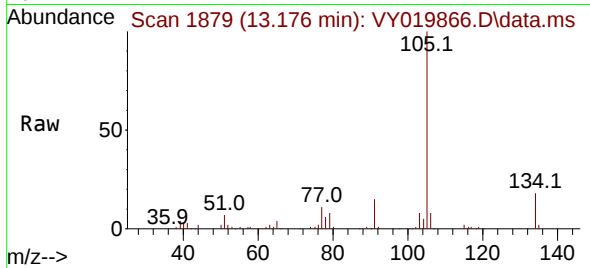
Tgt Ion:105 Resp: 39510
Ion Ratio Lower Upper
105 100
120 44.9 23.2 69.6





#85
 sec-Butylbenzene
 Concen: 3.031 ug/l
 RT: 13.176 min Scan# 1878
 Delta R.T. 0.000 min
 Lab File: VY019866.D
 Acq: 11 Oct 2024 12:19

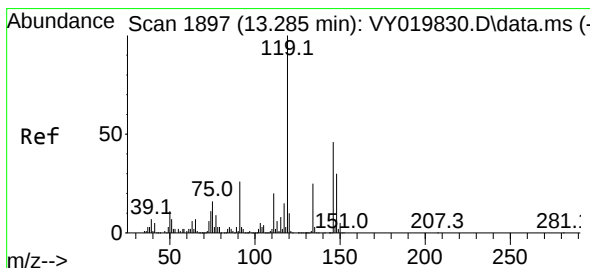
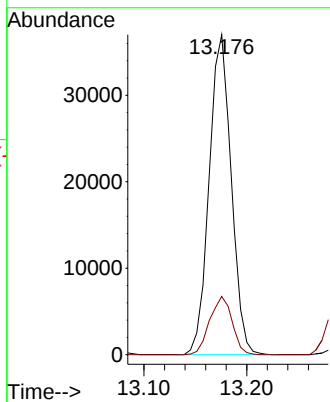
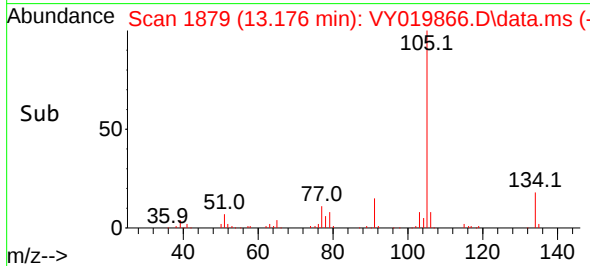
Instrument : MSVOA_Y
 ClientSampleId :
 MDL-SOIL-03-QT4-2024



Tgt Ion:105 Resp: 55169
 Ion Ratio Lower Upper
 105 100
 134 18.5 10.1 30.1

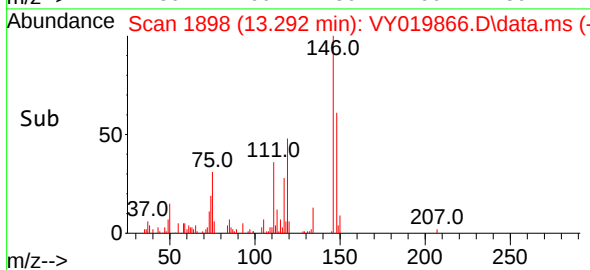
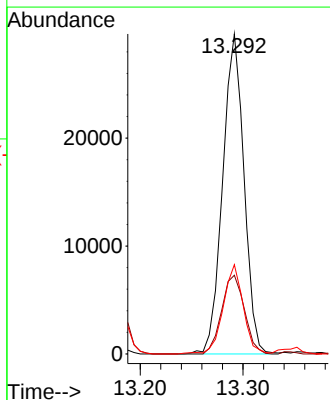
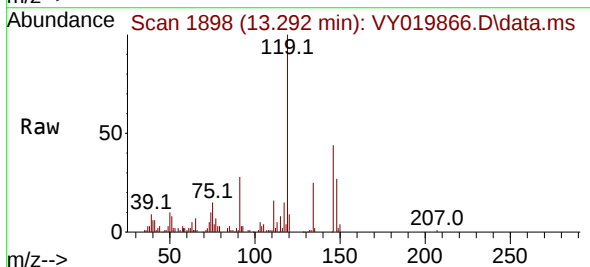
Manual Integrations
 APPROVED

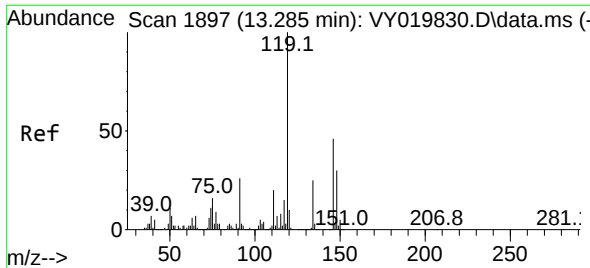
Reviewed By :Mahesh Dadoda 10/14/2024
 Supervised By :Semsettin Yesilyurt 10/14/2024



#86
 p-Isopropyltoluene
 Concen: 2.892 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. 0.000 min
 Lab File: VY019866.D
 Acq: 11 Oct 2024 12:19

Tgt Ion:119 Resp: 42745
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.1 39.3
 91 26.4 10.7 32.1





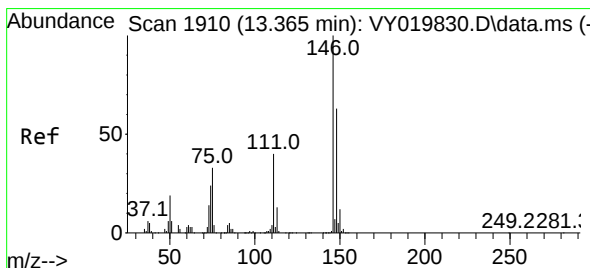
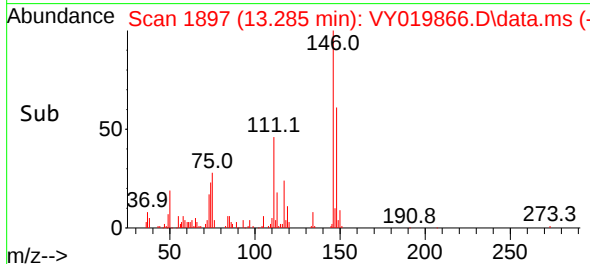
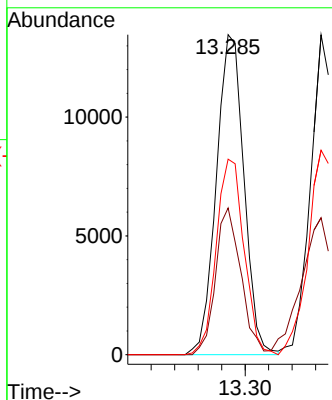
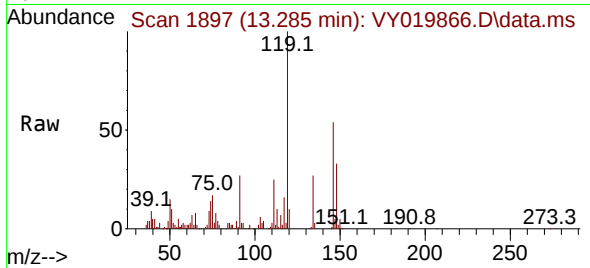
#87
1,3-Dichlorobenzene
Concen: 3.052 ug/l
RT: 13.285 min Scan# 1897
Delta R.T. -0.006 min
Lab File: VY019866.D
Acq: 11 Oct 2024 12:19

Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT4-2024

Tgt Ion:146 Resp: 22024
Ion Ratio Lower Upper
146 100
111 42.0 19.0 57.0
148 61.3 31.7 95.1

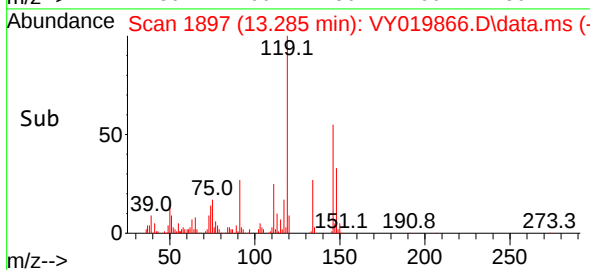
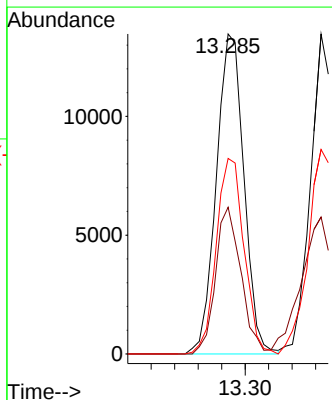
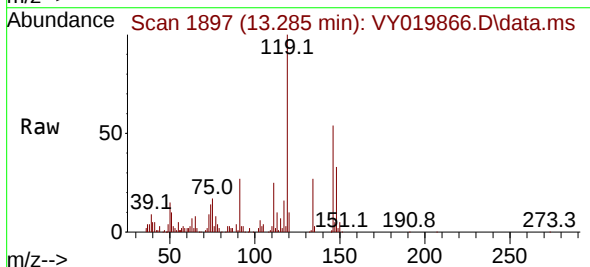
Manual Integrations
APPROVED

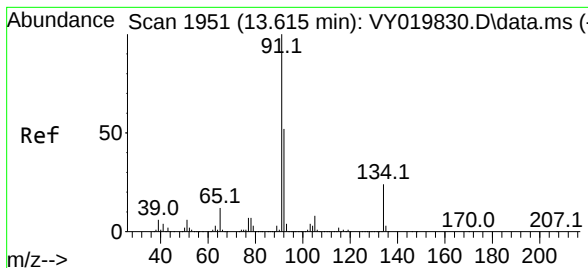
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#88
1,4-Dichlorobenzene
Concen: 3.107 ug/l
RT: 13.285 min Scan# 1897
Delta R.T. -0.085 min
Lab File: VY019866.D
Acq: 11 Oct 2024 12:19

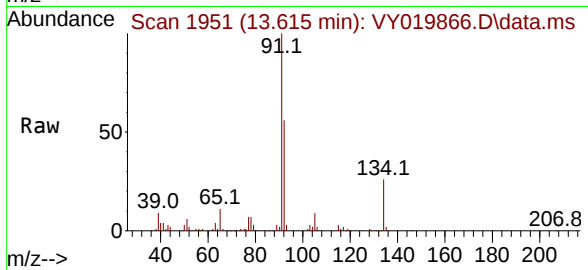
Tgt Ion:146 Resp: 22024
Ion Ratio Lower Upper
146 100
111 42.0 18.4 55.4
148 61.3 32.4 97.2





#89
n-Butylbenzene
Concen: 2.950 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.006 min
Lab File: VY019866.D
Acq: 11 Oct 2024 12:19

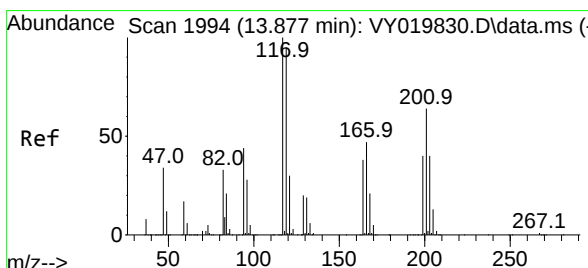
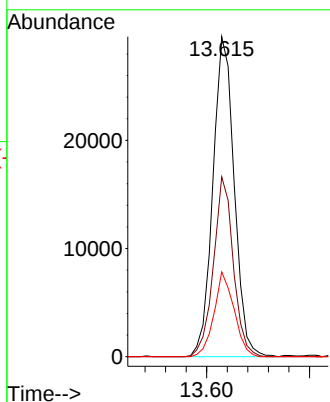
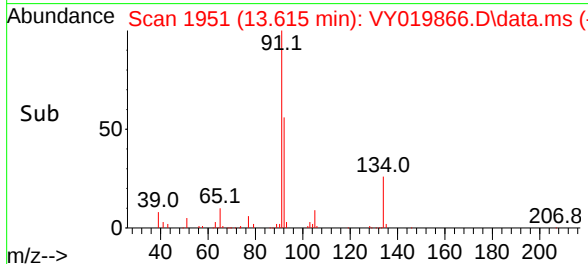
Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT4-2024



Tgt Ion: 91 Resp: 42579
Ion Ratio Lower Upper
91 100
92 52.3 26.6 79.7
134 24.9 12.9 38.7

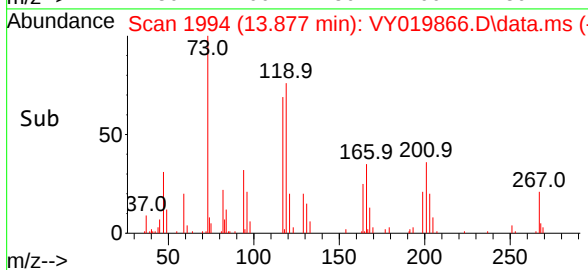
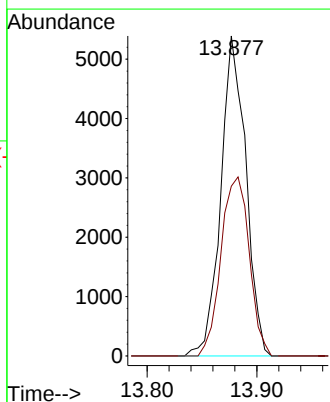
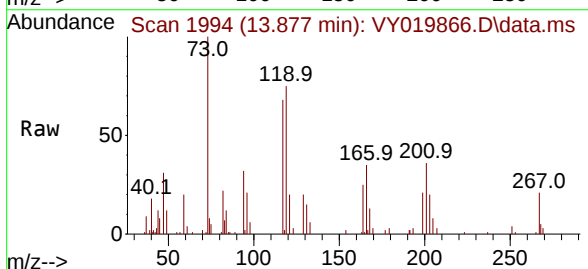
Manual Integrations
APPROVED

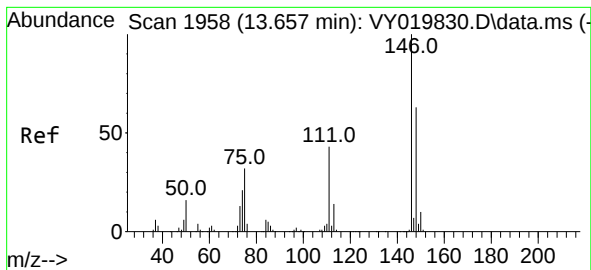
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#90
Hexachloroethane
Concen: 2.971 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.006 min
Lab File: VY019866.D
Acq: 11 Oct 2024 12:19

Tgt Ion:117 Resp: 8549
Ion Ratio Lower Upper
117 100
201 63.1 37.4 112.2





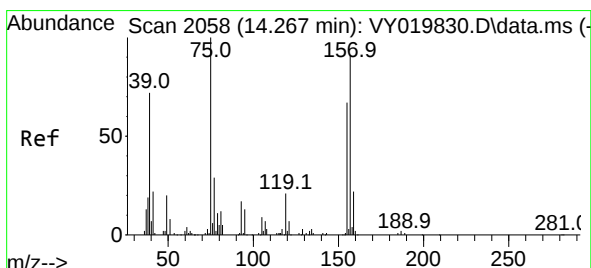
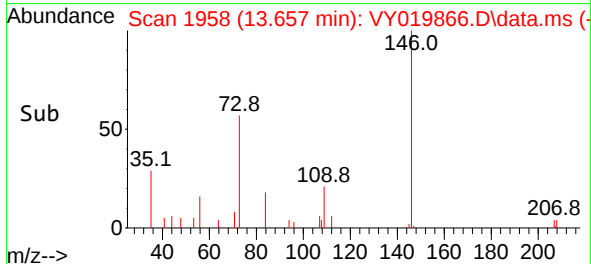
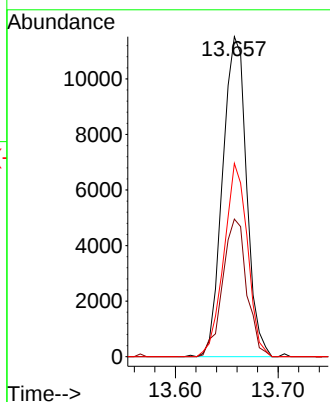
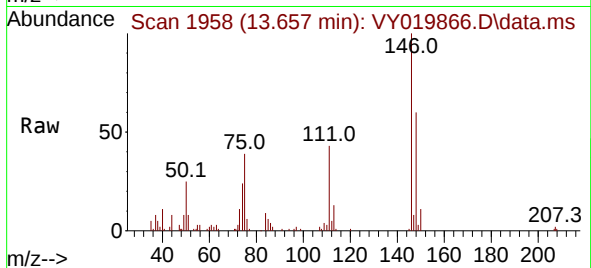
#91
1,2-Dichlorobenzene
Concen: 2.941 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY019866.D
Acq: 11 Oct 2024 12:19

Instrument : MSVOA_Y
ClientSampleId : MDL-SOIL-03-QT4-2024

Tgt Ion:146 Resp: 18649
Ion Ratio Lower Upper
146 100
111 43.3 19.9 59.7
148 59.5 31.8 95.4

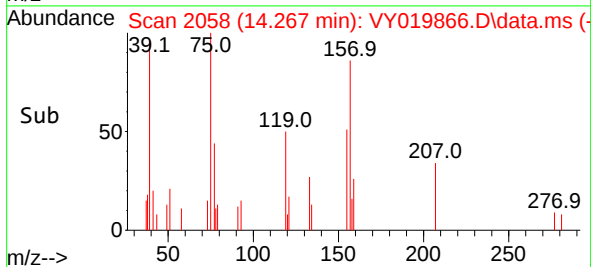
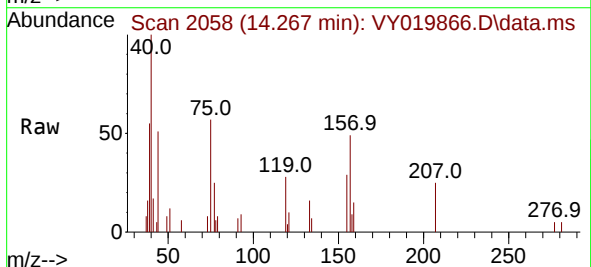
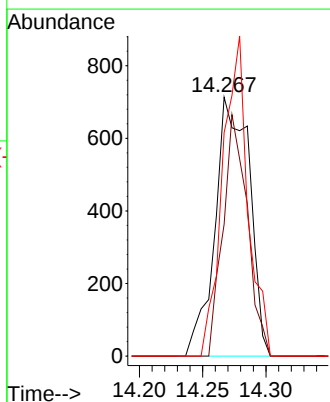
Manual Integrations
APPROVED

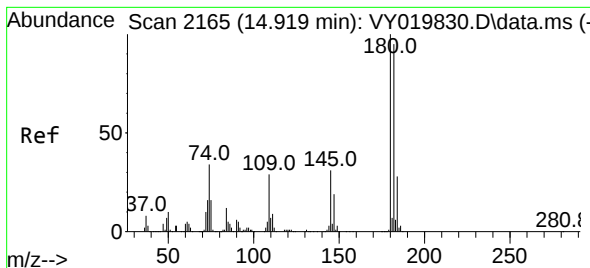
Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.829 ug/l
RT: 14.267 min Scan# 2058
Delta R.T. -0.006 min
Lab File: VY019866.D
Acq: 11 Oct 2024 12:19

Tgt Ion: 75 Resp: 1351
Ion Ratio Lower Upper
75 100
155 65.9 48.6 145.8
157 90.7 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 2.409 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY019866.D

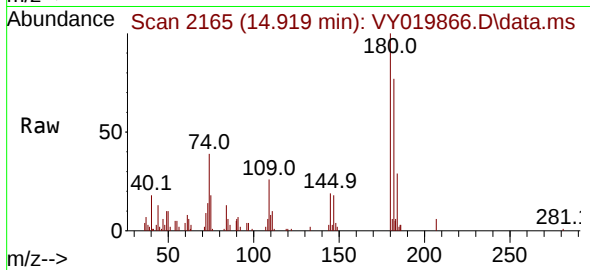
Acq: 11 Oct 2024 12:19

Instrument :

MSVOA_Y

ClientSampleId :

MDL-SOIL-03-QT4-2024

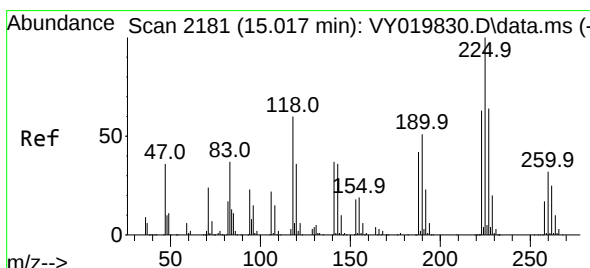
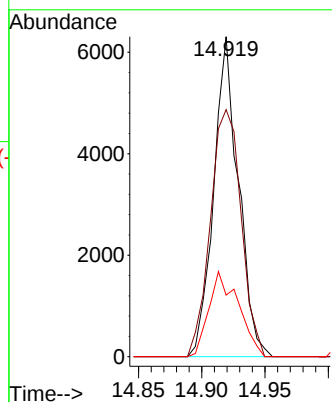
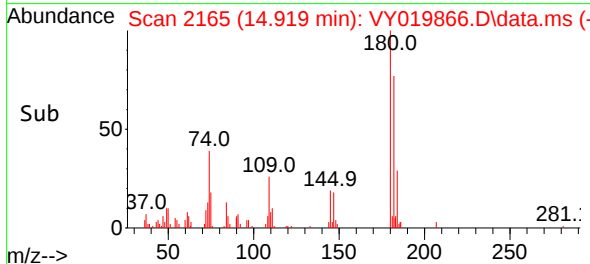


Tgt Ion:180	Resp:	8561
Ion Ratio	Lower	Upper
180	100	
182	95.8	47.9 143.8
145	32.0	14.2 42.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#94

Hexachlorobutadiene

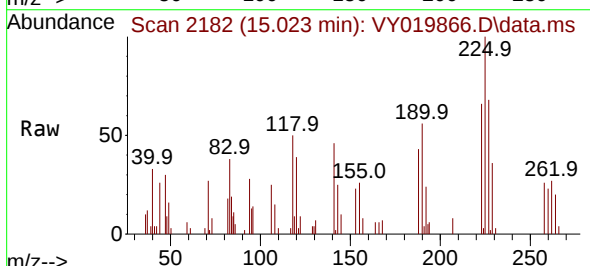
Concen: 2.813 ug/l

RT: 15.023 min Scan# 2182

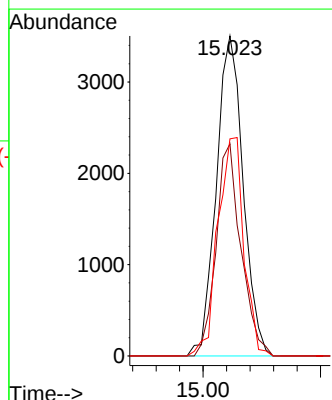
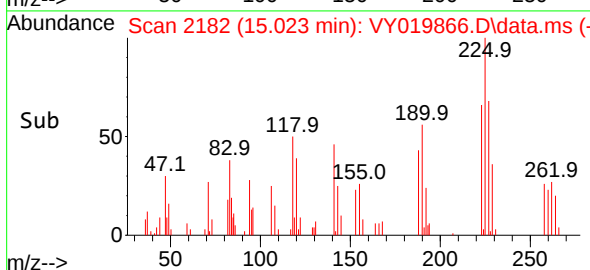
Delta R.T. 0.000 min

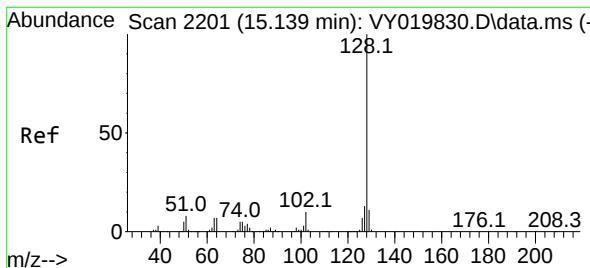
Lab File: VY019866.D

Acq: 11 Oct 2024 12:19



Tgt Ion:225	Resp:	5561
Ion Ratio	Lower	Upper
225	100	
223	61.5	30.4 91.2
227	65.9	31.9 95.9





#95

Naphthalene

Concen: 2.040 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY019866.D

Acq: 11 Oct 2024 12:19

Instrument :

MSVOA_Y

ClientSampleId :

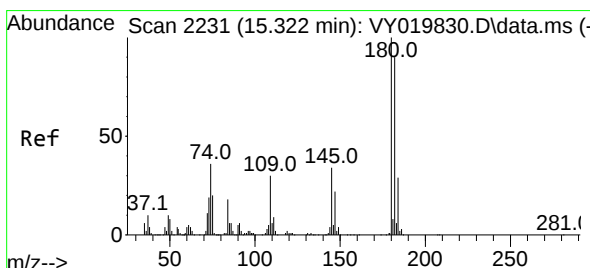
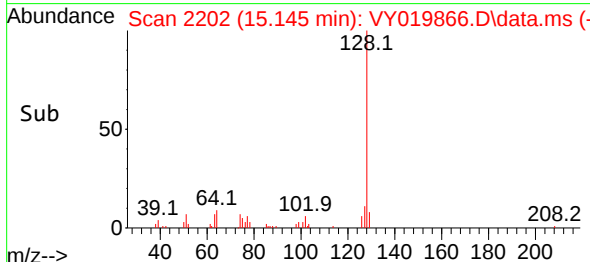
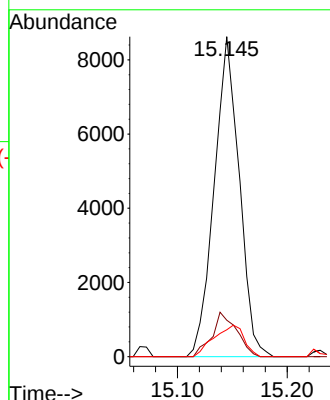
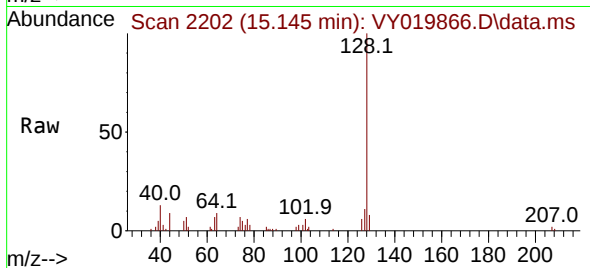
MDL-SOIL-03-QT4-2024

Tgt Ion:	128	Resp:	13678
Ion Ratio	Lower	Upper	
128	100		
127	13.8	10.6	16.0
129	11.8	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024



#96

1,2,3-Trichlorobenzene

Concen: 2.665 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY019866.D

Acq: 11 Oct 2024 12:19

Tgt Ion:	180	Resp:	8009
Ion Ratio	Lower	Upper	
180	100		
182	86.5	47.6	142.9
145	32.7	15.4	46.1

