

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091124\
 Data File : VY019505.D
 Acq On : 11 Sep 2024 12:38
 Operator : SY/MD
 Sample : P3390-02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LOQ-SOIL-02-QT3-2024

Quant Time: Sep 12 05:49:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 12 05:47:04 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh
 Dadoda

09/12/2024
 Supervised By :Semsettin
 Yesilyurt

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	459882	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	805658	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	683586	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	315903	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	237244	55.712	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.420%	
35) Dibromofluoromethane	7.634	113	234504	51.337	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.680%	
50) Toluene-d8	10.109	98	862703	51.060	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.120%	
62) 4-Bromofluorobenzene	12.408	95	308958	47.557	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 95.120%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.867	85	14057	4.835	ug/l	92
3) Chloromethane	2.068	50	16052	4.219	ug/l	97
4) Vinyl Chloride	2.202	62	18776	4.564	ug/l	99
5) Bromomethane	2.598	94	14222	5.628	ug/l	95
6) Chloroethane	2.739	64	14138	5.257	ug/l	99
7) Trichlorofluoromethane	3.056	101	36612	5.338	ug/l	98
8) Diethyl Ether	3.458	74	12393	5.383	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.818	101	24116	5.684	ug/l	93
10) Methyl Iodide	4.000	142	23613	4.341	ug/l	94
11) Tert butyl alcohol	4.866	59	11825	34.385	ug/l #	88
12) 1,1-Dichloroethene	3.787	96	19049	4.669	ug/l	97
13) Acrolein	3.659	56	12944	70.192	ug/l	98
14) Allyl chloride	4.378	41	34368	4.697	ug/l #	93
15) Acrylonitrile	5.055	53	31185	31.416	ug/l	99
16) Acetone	3.872	43	26867	26.483	ug/l #	80
17) Carbon Disulfide	4.104	76	25715	2.333	ug/l #	95
18) Methyl Acetate	4.385	43	22103	8.028	ug/l	92
19) Methyl tert-butyl Ether	5.116	73	73593	6.368	ug/l	95
20) Methylene Chloride	4.616	84	37849	8.181	ug/l	89
21) trans-1,2-Dichloroethene	5.110	96	21165	4.733	ug/l	86
22) Diisopropyl ether	6.018	45	90791	6.042	ug/l #	88
23) Vinyl Acetate	5.957	43	309241	36.032	ug/l #	93
24) 1,1-Dichloroethane	5.915	63	47846	5.675	ug/l	94
25) 2-Butanone	6.896	43	41307	28.628	ug/l #	88
26) 2,2-Dichloropropane	6.884	77	44275	5.822	ug/l	97
27) cis-1,2-Dichloroethene	6.884	96	29901	5.504	ug/l	87
28) Bromochloromethane	7.244	49	19502	5.497	ug/l	86
29) Tetrahydrofuran	7.268	42	26325	30.007	ug/l	87
30) Chloroform	7.421	83	52287	6.075	ug/l	98
31) Cyclohexane	7.701	56	39197	5.143	ug/l #	81
32) 1,1,1-Trichloroethane	7.610	97	44227	5.733	ug/l	96
36) 1,1-Dichloropropene	7.835	75	29550	4.754	ug/l	97
37) Ethyl Acetate	6.982	43	18282	5.740	ug/l #	96
38) Carbon Tetrachloride	7.817	117	37424	5.339	ug/l	91
39) Methylcyclohexane	9.109	83	34713	4.197	ug/l	93
40) Benzene	8.079	78	98978	5.170	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	10928m	5.886	ug/l	
42) 1,2-Dichloroethane	8.152	62	30562	5.933	ug/l	98
43) Isopropyl Acetate	8.195	43	40670	6.078	ug/l	91
44) Trichloroethene	8.865	130	25012	5.080	ug/l	94
45) 1,2-Dichloropropane	9.140	63	27109	5.792	ug/l	100
46) Dibromomethane	9.231	93	14894	5.819	ug/l	95
47) Bromodichloromethane	9.420	83	40367	5.867	ug/l	95
48) Methyl methacrylate	9.219	41	17526	5.547	ug/l	85
49) 1,4-Dioxane	9.243	88	3564	118.286	ug/l #	83
51) 4-Methyl-2-Pentanone	9.999	43	101056	30.021	ug/l	94
52) Toluene	10.170	92	65525	5.322	ug/l	95
53) t-1,3-Dichloropropene	10.396	75	36541	5.572	ug/l	96
54) cis-1,3-Dichloropropene	9.853	75	41253	5.402	ug/l #	87
55) 1,1,2-Trichloroethane	10.572	97	21995	6.223	ug/l	93
56) Ethyl methacrylate	10.438	69	31521	5.871	ug/l #	82
57) 1,3-Dichloropropane	10.719	76	35583	5.857	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	63890	25.638	ug/l	98
59) 2-Hexanone	10.761	43	70890	28.726	ug/l	90
60) Dibromochloromethane	10.914	129	28900	6.181	ug/l	99
61) 1,2-Dibromoethane	11.018	107	18713	5.682	ug/l	98
64) Tetrachloroethene	10.646	164	21601	5.103	ug/l	97
65) Chlorobenzene	11.438	112	77065	5.731	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.517	131	27553	5.918	ug/l	99
67) Ethyl Benzene	11.517	91	129923	5.438	ug/l	98
68) m/p-Xylenes	11.627	106	96637	10.697	ug/l	91
69) o-Xylene	11.956	106	49145	5.562	ug/l	96
70) Styrene	11.969	104	83417	5.592	ug/l	95
71) Bromoform	12.133	173	15799	5.941	ug/l #	96
73) Isopropylbenzene	12.255	105	132115	5.765	ug/l	100
74) N-amyl acetate	12.072	43	36803	5.905	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.505	83	26635	6.548	ug/l	97
76) 1,2,3-Trichloropropane	12.560	75	14765m	4.987	ug/l	
77) Bromobenzene	12.529	156	29000	5.705	ug/l	86
78) n-propylbenzene	12.596	91	155861	5.738	ug/l	98
79) 2-Chlorotoluene	12.682	91	91333	5.769	ug/l	95
80) 1,3,5-Trimethylbenzene	12.737	105	107427	5.766	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.304	75	9201	5.965	ug/l	90
82) 4-Chlorotoluene	12.779	91	96675	5.940	ug/l	95
83) tert-Butylbenzene	12.999	119	100984	5.987	ug/l	96
84) 1,2,4-Trimethylbenzene	13.042	105	107391	5.823	ug/l	97
85) sec-Butylbenzene	13.176	105	145691	5.946	ug/l	100
86) p-Isopropyltoluene	13.291	119	118064	5.889	ug/l	96
87) 1,3-Dichlorobenzene	13.285	146	60427	6.118	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	58378	5.956	ug/l	92
89) n-Butylbenzene	13.615	91	111239	5.804	ug/l	99
90) Hexachloroethane	13.877	117	24079	5.773	ug/l	95
91) 1,2-Dichlorobenzene	13.657	146	53311	6.049	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	4365	6.439	ug/l	79
93) 1,2,4-Trichlorobenzene	14.919	180	28836	5.379	ug/l	97
94) Hexachlorobutadiene	15.023	225	16055	5.606	ug/l	97
95) Naphthalene	15.145	128	60520	5.638	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	25074	5.469	ug/l	98

09/12/2024

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ClientSampleId :
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Manual Integrations
APPROVED

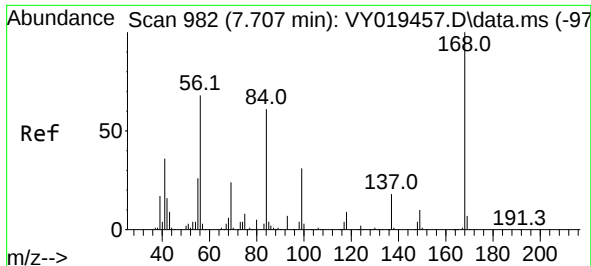
Reviewed By :Mahesh
Dadoda

09/12/2024
Supervised By :Semsettin
Yesilyurt

09/12/2024

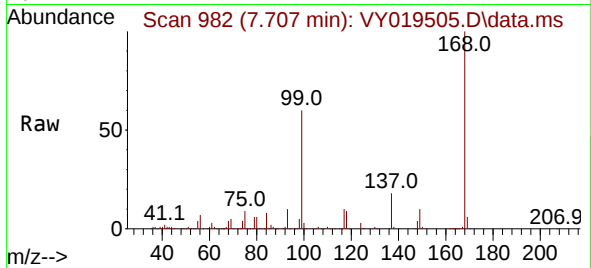
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019505.D
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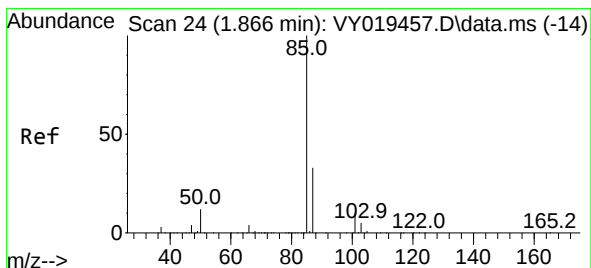
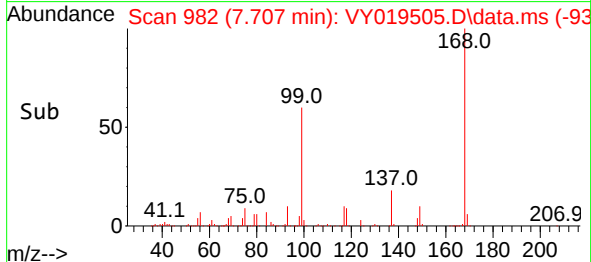
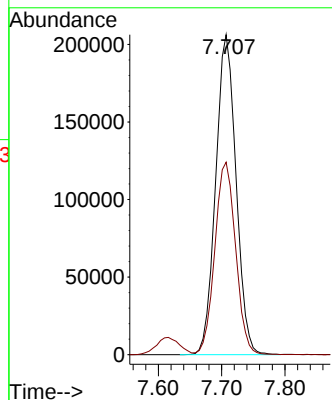
Tgt Ion:168 Resp: 45988
Ion Ratio Lower Upper
168 100
99 60.1 39.1 58.7

Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda

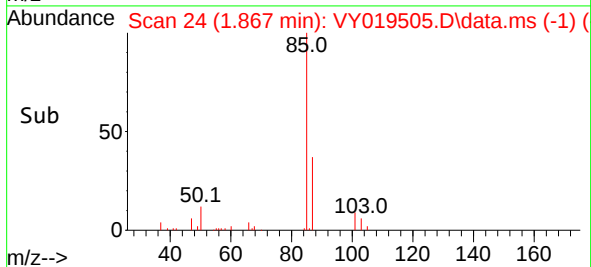
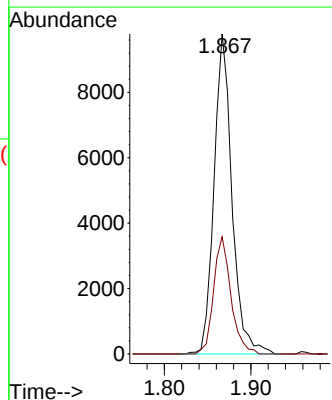
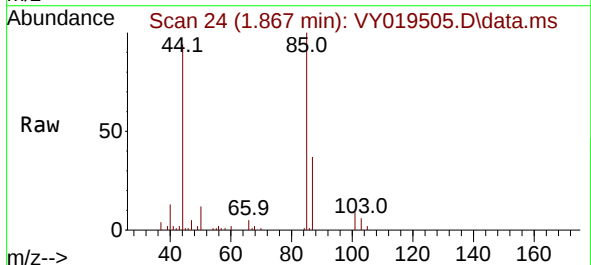
09/12/2024
Supervised By :Semsettin
Yesilyurt

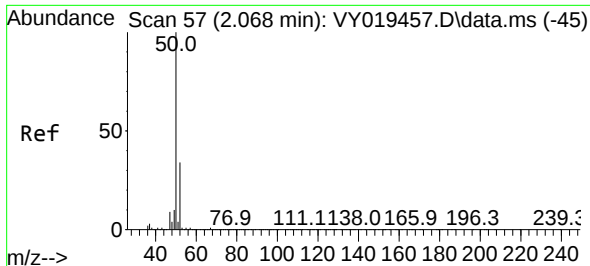
09/12/2024



#2
Dichlorodifluoromethane
Concen: 4.835 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY019505.D
Acq: 11 Sep 2024 12:38

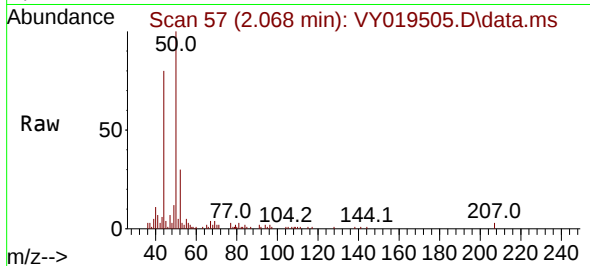
Tgt Ion: 85 Resp: 14057
Ion Ratio Lower Upper
85 100
87 36.6 16.0 48.0





#3
Chloromethane
Concen: 4.219 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY019505.D
Acq: 11 Sep 2024 12:38

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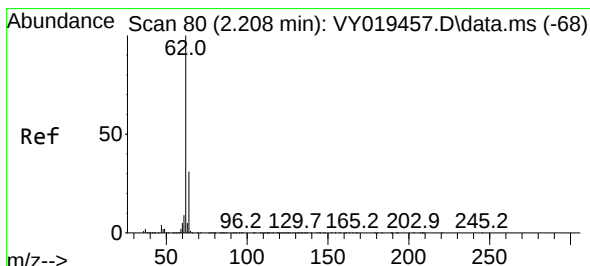
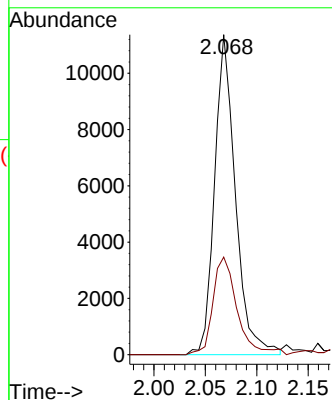


Tgt Ion: 50 Resp: 16052
Ion Ratio Lower Upper
50 100
52 30.5 25.6 38.4

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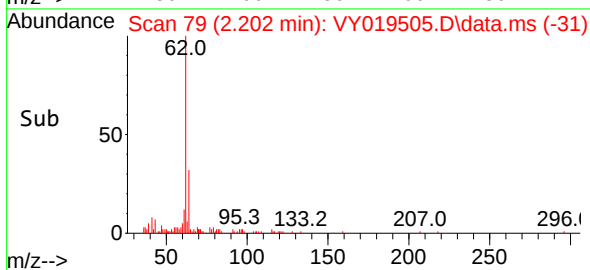
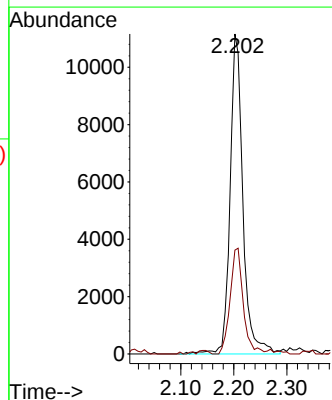
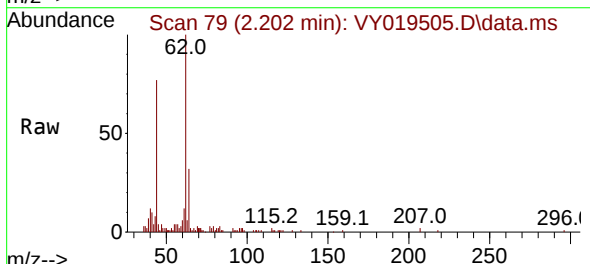
Reviewed By :Mahesh
Dadoda
09/12/2024

Supervised By :Semsettin
Yesilyurt
09/12/2024



#4
Vinyl Chloride
Concen: 4.564 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.006 min
Lab File: VY019505.D
Acq: 11 Sep 2024 12:38

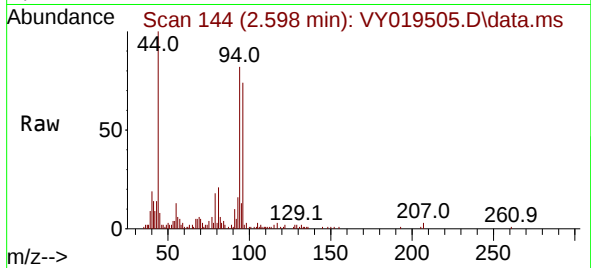
Tgt Ion: 62 Resp: 18776
Ion Ratio Lower Upper
62 100
64 31.9 26.1 39.1





#5
Bromomethane
Concen: 5.628 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY019505.D
Acq: 11 Sep 2024 12:38

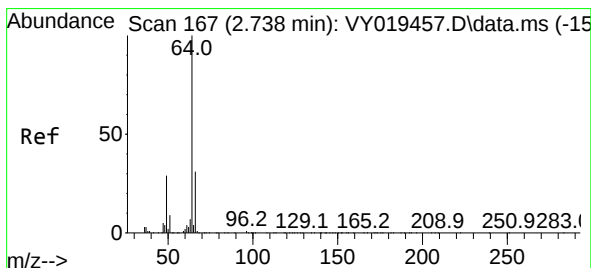
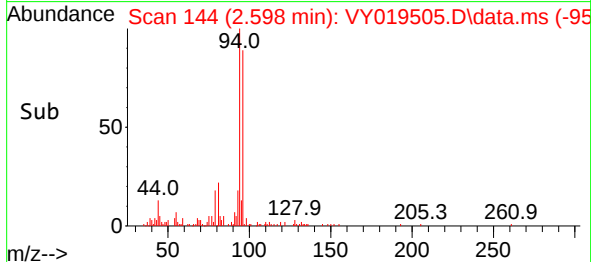
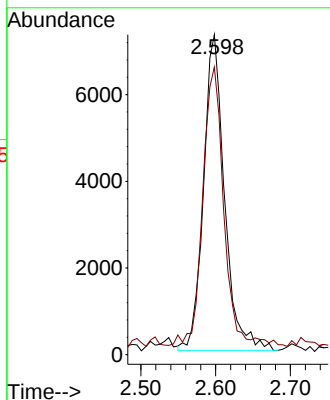
Instrument :
MSVOA_Y
ClientSampleId :
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Tgt Ion: 94 Resp: 1422
Ion Ratio Lower Upper
94 100
96 88.0 74.1 111.1

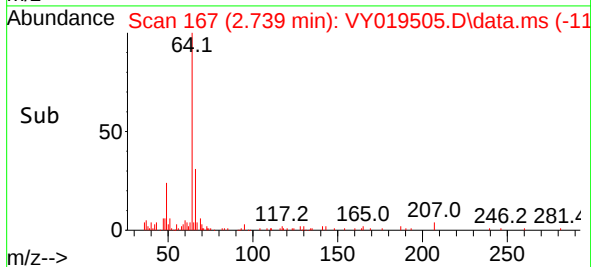
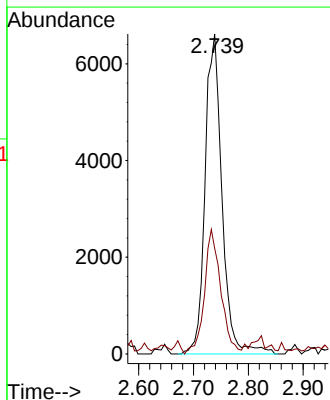
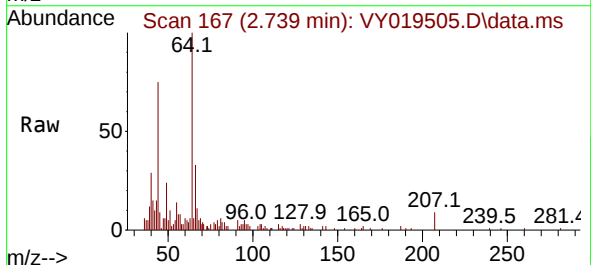
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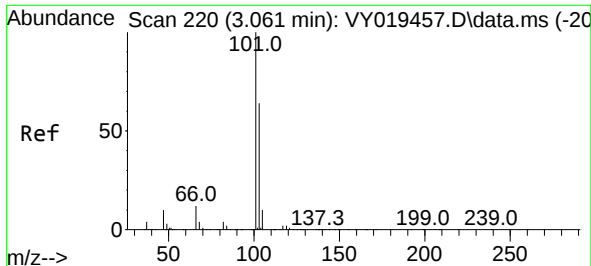
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#6
Chloroethane
Concen: 5.257 ug/l
RT: 2.739 min Scan# 167
Delta R.T. 0.000 min
Lab File: VY019505.D
Acq: 11 Sep 2024 12:38

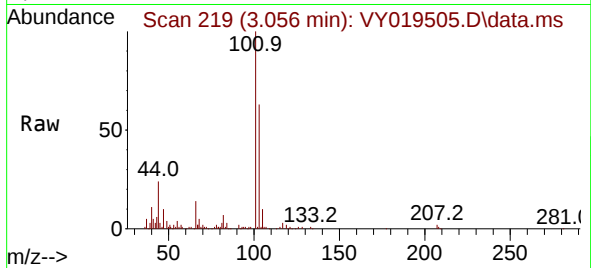
Tgt Ion: 64 Resp: 14138
Ion Ratio Lower Upper
64 100
66 32.0 26.1 39.1





#7
 Trichlorofluoromethane
 Concen: 5.338 ug/l
 RT: 3.056 min Scan# 219
 Delta R.T. -0.006 min
 Lab File: VY019505.D
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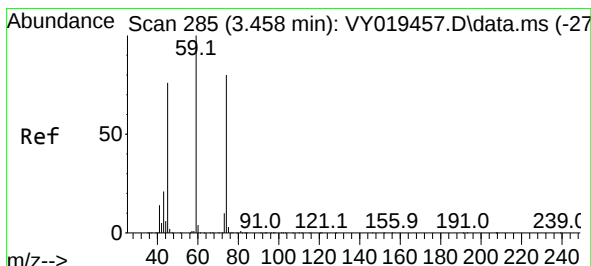
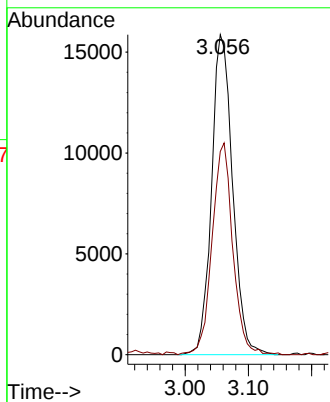
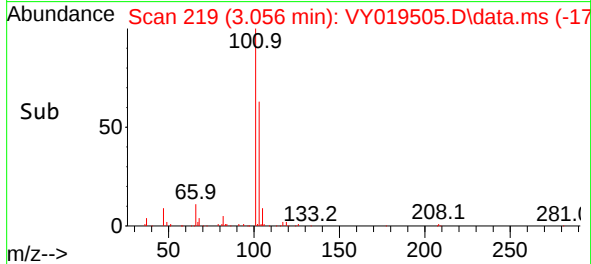
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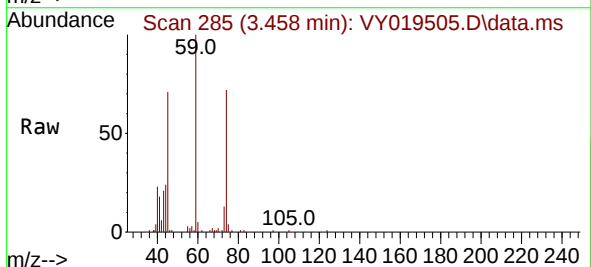
Tgt Ion:101 Resp: 36612
 Ion Ratio Lower Upper
 101 100
 103 63.5 49.3 73.9

Manual Integrations
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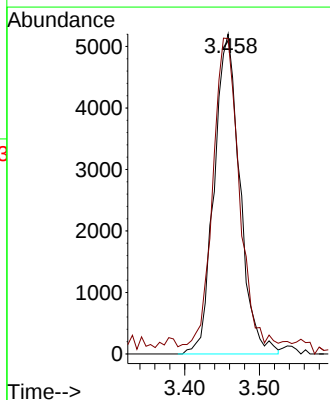
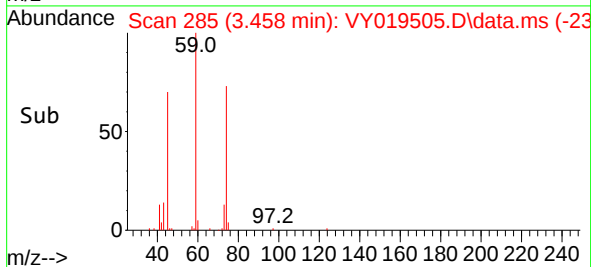
Reviewed By :Mahesh Dadoda 09/12/2024
 Supervised By :Semsettin Yesilyurt 09/12/2024

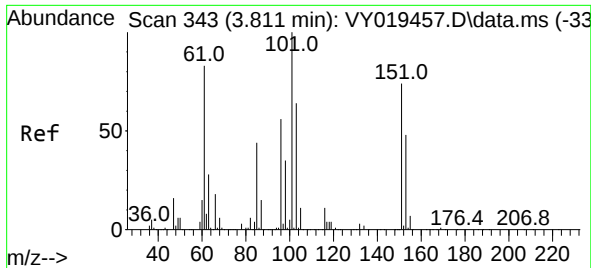


#8
 Diethyl Ether
 Concen: 5.383 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 12393
 Ion Ratio Lower Upper
 74 100
 45 97.4 41.3 124.1





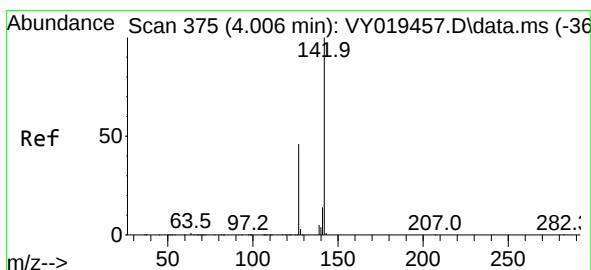
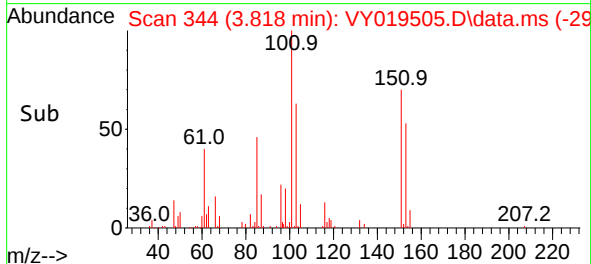
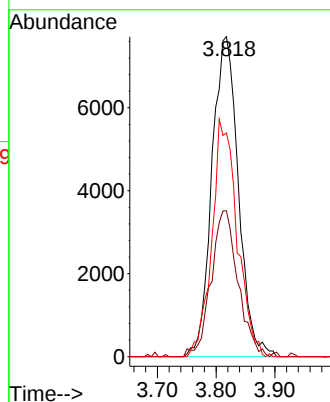
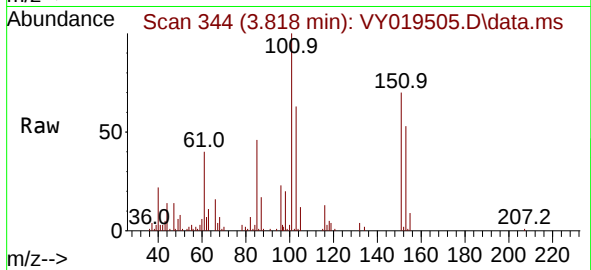
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.684 ug/l
RT: 3.818 min Scan# 343
Delta R.T. 0.006 min
Lab File: VY019505.D
Acq: 11 Sep 2024 12:38

Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT3-2024

Tgt Ion:101 Resp: 24110
Ion Ratio Lower Upper
101 100
85 46.4 34.5 51.7
151 70.7 61.7 92.5

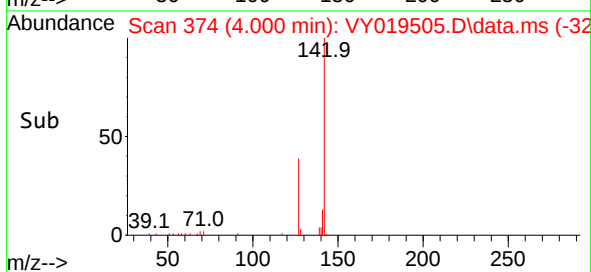
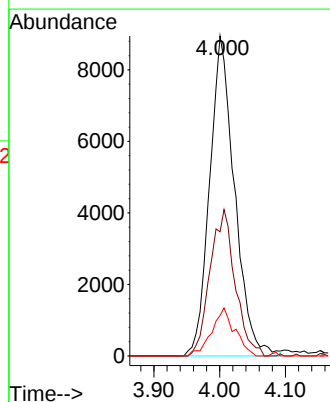
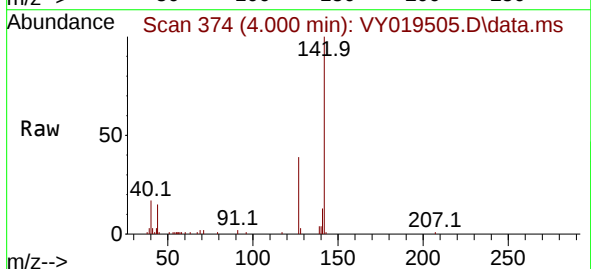
Manual Integrations
APPROVED

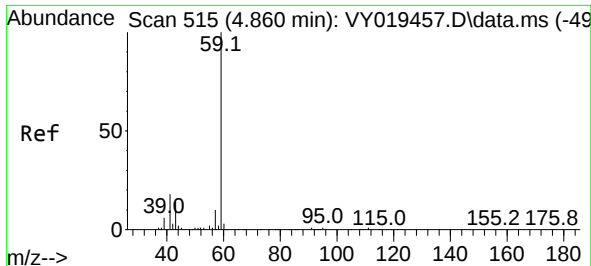
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#10
Methyl Iodide
Concen: 4.341 ug/l
RT: 4.000 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY019505.D
Acq: 11 Sep 2024 12:38

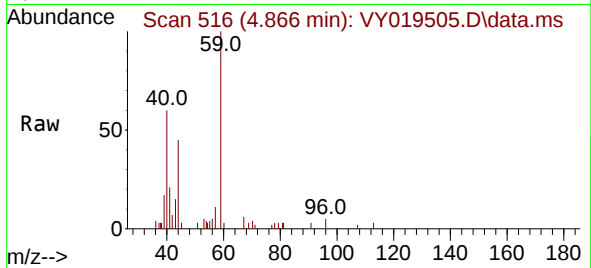
Tgt Ion:142 Resp: 23613
Ion Ratio Lower Upper
142 100
127 45.9 32.8 49.2
141 14.0 11.4 17.2





#11
Tert butyl alcohol
Concen: 34.385 ug/l
RT: 4.866 min Scan# 515
Delta R.T. 0.006 min
Lab File: VY019505.D
Acq: 11 Sep 2024 12:38

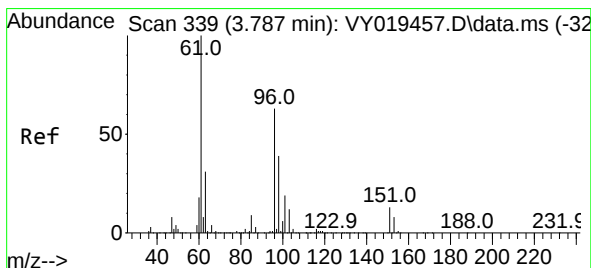
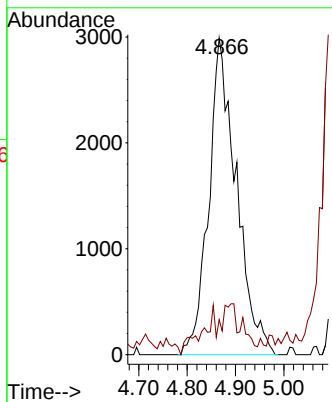
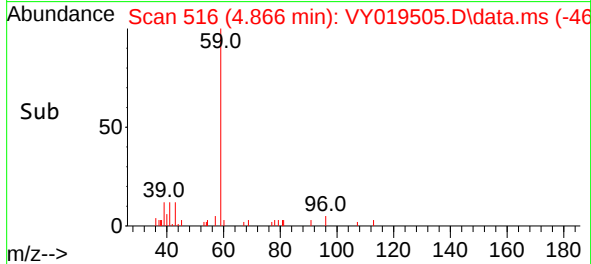
Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT3-2024



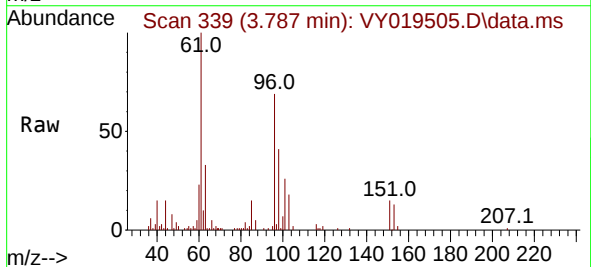
Tgt Ion: 59 Resp: 11825
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6

Manual Integrations
APPROVED

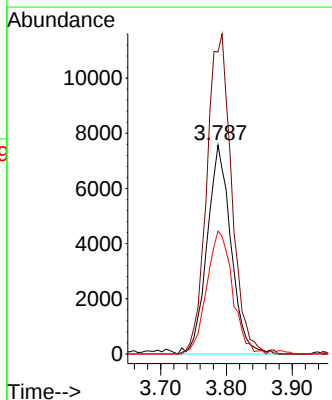
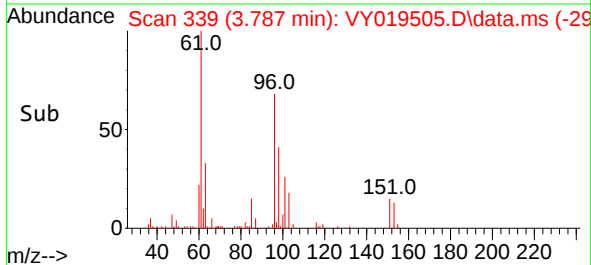
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024

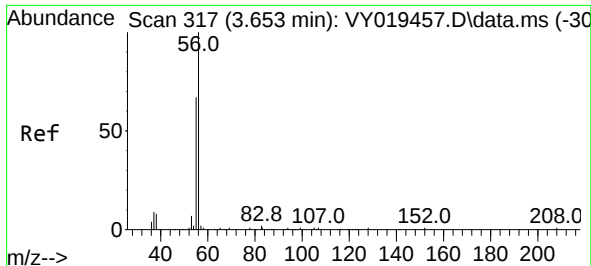


#12
1,1-Dichloroethene
Concen: 4.669 ug/l
RT: 3.787 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY019505.D
Acq: 11 Sep 2024 12:38



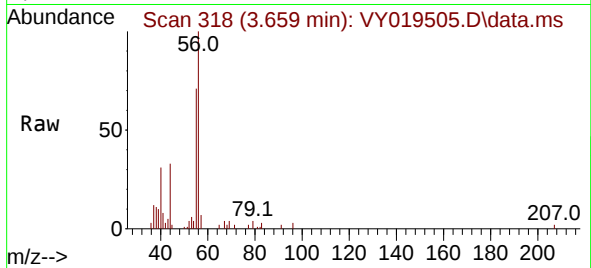
Tgt Ion: 96 Resp: 19049
Ion Ratio Lower Upper
96 100
61 144.6 114.6 171.8
98 58.8 50.8 76.2





#13
Acrolein
Concen: 70.192 ug/l
RT: 3.659 min Scan# 317
Delta R.T. 0.006 min
Lab File: VY019505.D
Acq: 11 Sep 2024 12:38

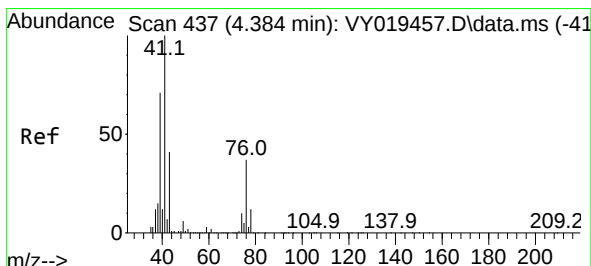
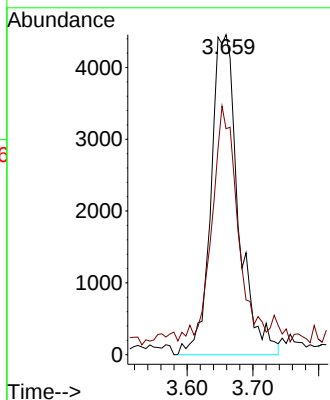
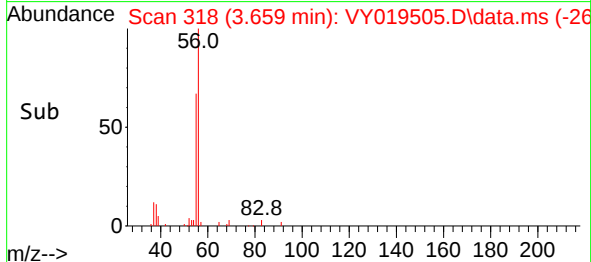
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2024



Tgt Ion: 56 Resp: 12944
Ion Ratio Lower Upper
56 100
55 71.2 55.7 83.5

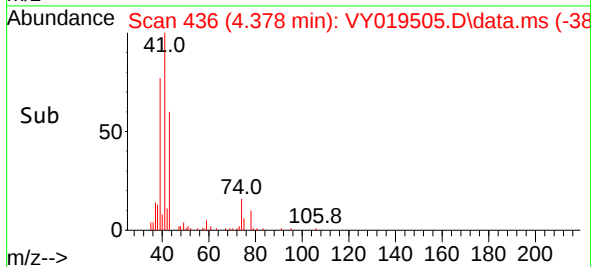
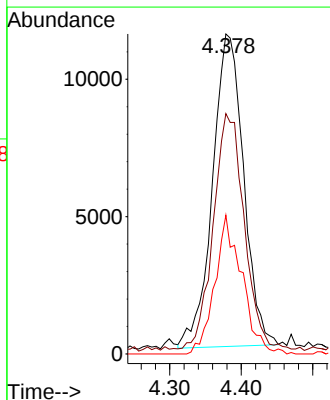
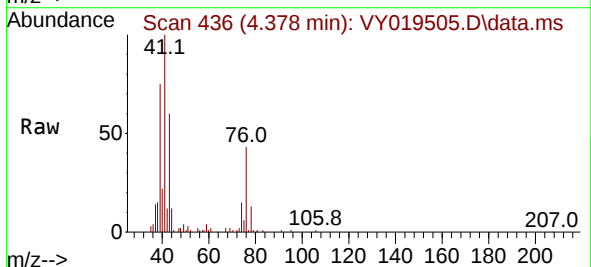
Manual Integrations
APPROVED

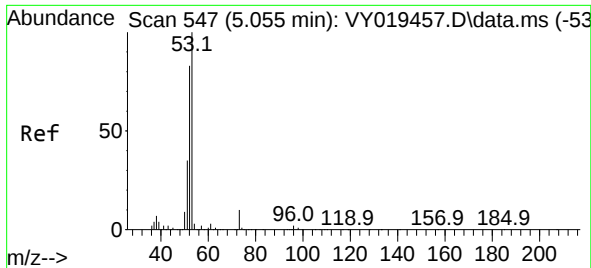
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#14
Allyl chloride
Concen: 4.697 ug/l
RT: 4.378 min Scan# 436
Delta R.T. -0.006 min
Lab File: VY019505.D
Acq: 11 Sep 2024 12:38

Tgt Ion: 41 Resp: 34368
Ion Ratio Lower Upper
41 100
39 74.5 58.3 87.5
76 38.7 39.0 58.6#





#15

Acrylonitrile

Concen: 31.416 ug/l

RT: 5.055 min Scan# 547

Delta R.T. 0.000 min

Lab File: VY019505.D

Acq: 11 Sep 2024 12:38

Instrument :

MSVOA_Y

ClientSampleId :

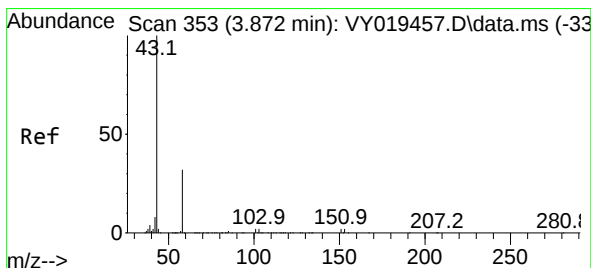
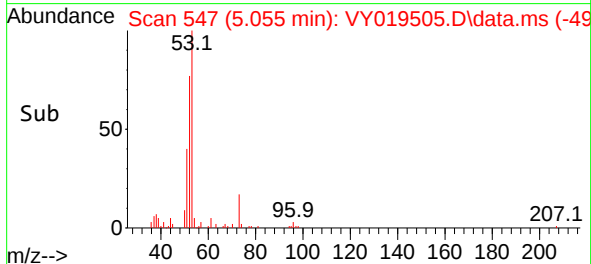
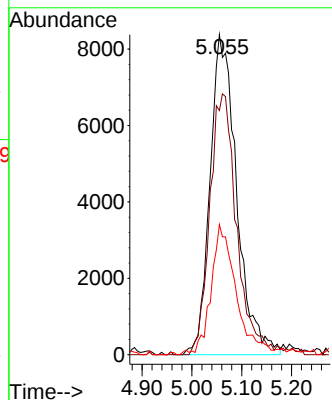
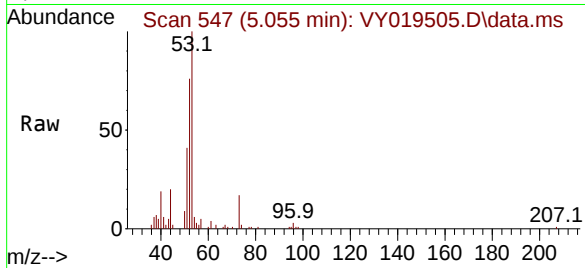
LOQ-SOIL-02-QT3-2024

Tgt Ion: 53	Resp: 3118
Ion Ratio	Lower Upper
53 100	
52 82.0	64.7 97.1
51 35.7	28.4 42.6

Manual Integrations

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Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#16

Acetone

Concen: 26.483 ug/l

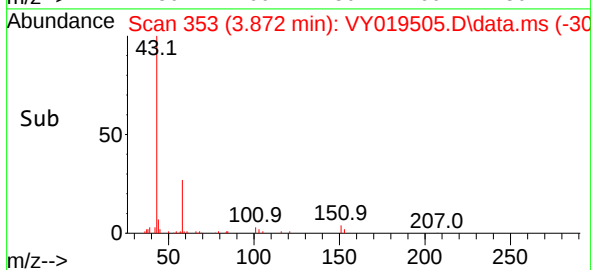
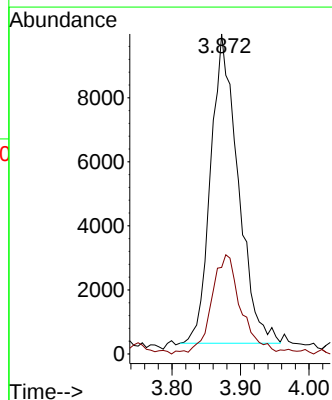
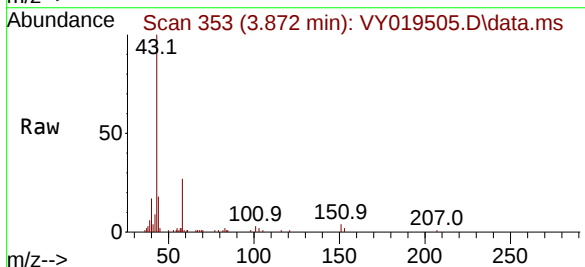
RT: 3.872 min Scan# 353

Delta R.T. 0.000 min

Lab File: VY019505.D

Acq: 11 Sep 2024 12:38

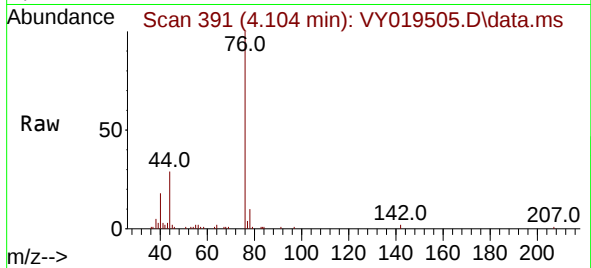
Tgt Ion: 43	Resp: 26867
Ion Ratio	Lower Upper
43 100	
58 27.2	31.7 47.5





#17
Carbon Disulfide
Concen: 2.333 ug/l
RT: 4.104 min Scan# 391
Delta R.T. 0.000 min
Lab File: VY019505.D
Acq: 11 Sep 2024 12:38

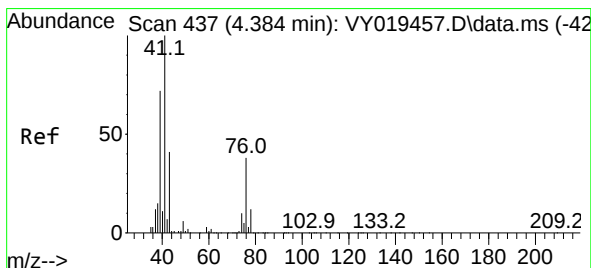
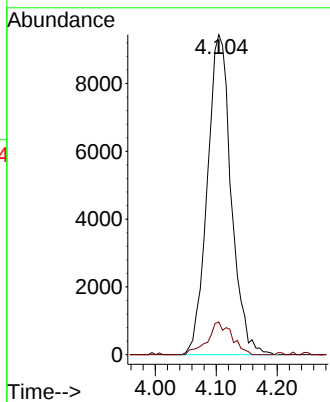
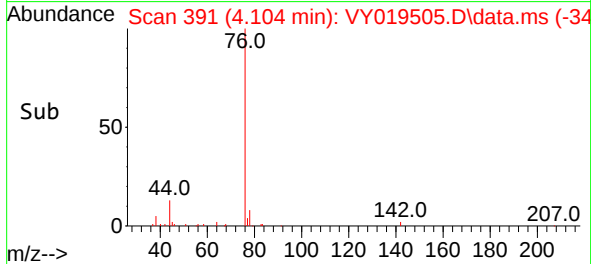
Instrument : MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2024



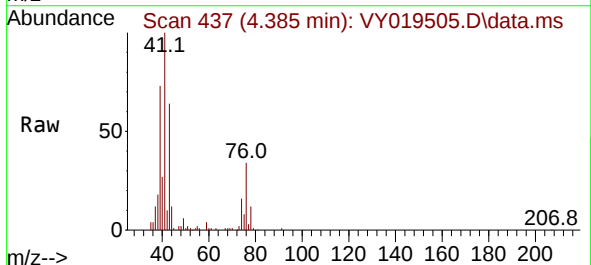
Tgt Ion: 76 Resp: 25715
Ion Ratio Lower Upper
76 100
78 10.2 6.8 10.2

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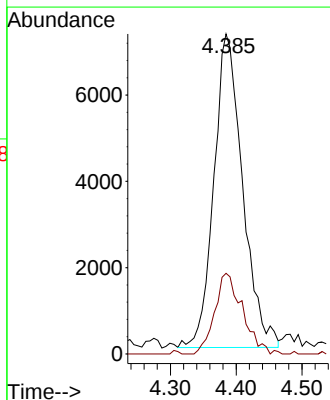
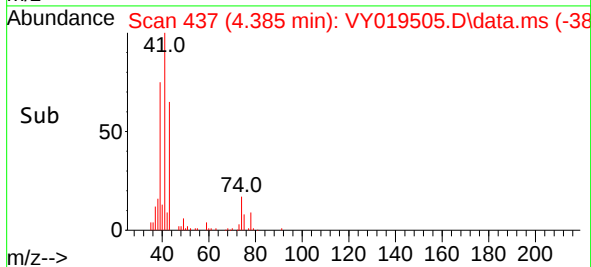
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024

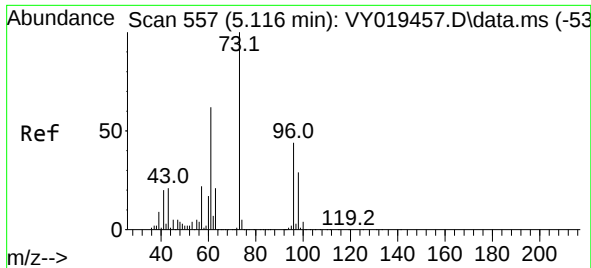


#18
Methyl Acetate
Concen: 8.028 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY019505.D
Acq: 11 Sep 2024 12:38



Tgt Ion: 43 Resp: 22103
Ion Ratio Lower Upper
43 100
74 24.9 23.3 34.9





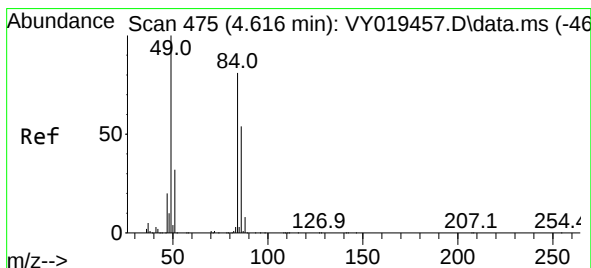
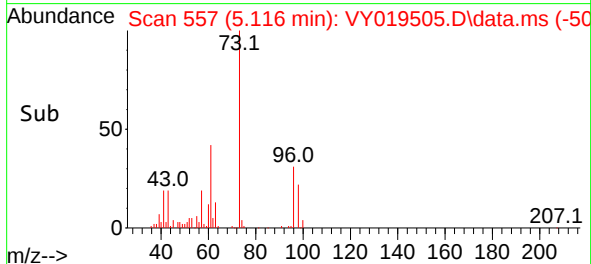
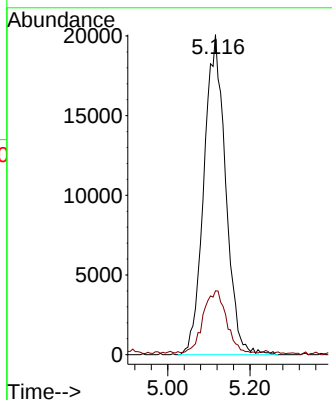
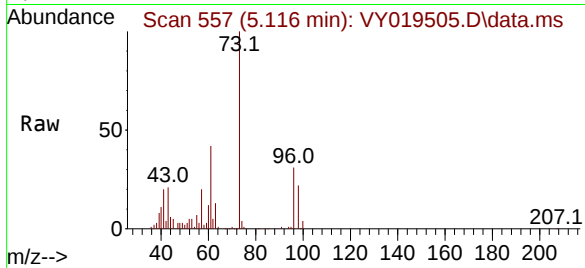
#19
Methyl tert-butyl Ether
Concen: 6.368 ug/l
RT: 5.116 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY019505.D
Acq: 11 Sep 2024 12:38

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2024

Tgt Ion: 73 Resp: 7359
Ion Ratio Lower Upper
73 100
57 19.1 17.3 25.9

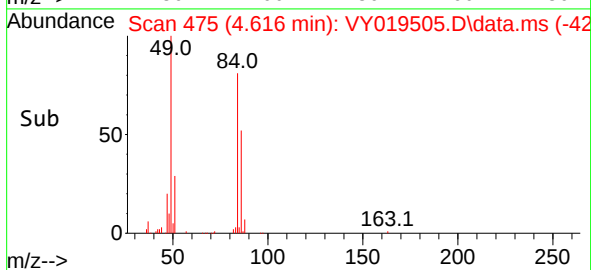
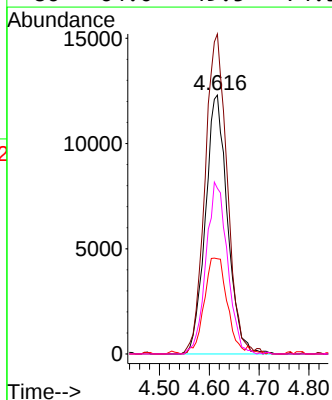
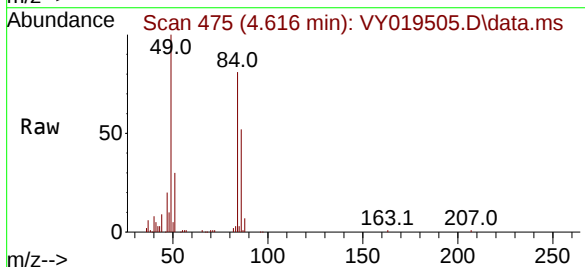
Manual Integrations
APPROVED

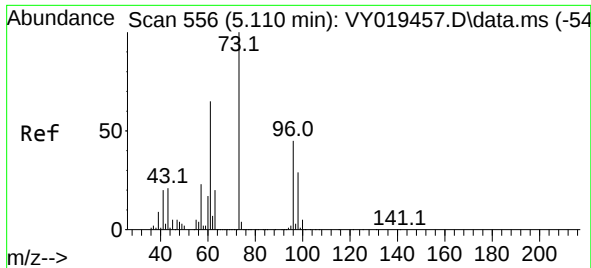
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#20
Methylene Chloride
Concen: 8.181 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY019505.D
Acq: 11 Sep 2024 12:38

Tgt Ion: 84 Resp: 37849
Ion Ratio Lower Upper
84 100
49 123.6 84.4 126.6
51 36.7 26.0 39.0
86 64.0 49.5 74.3





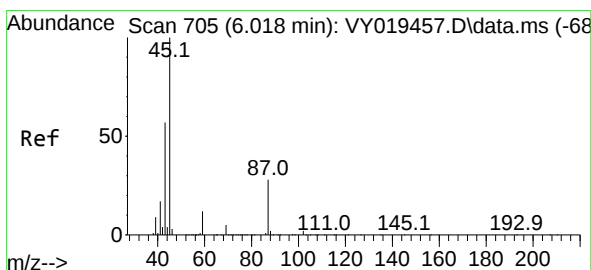
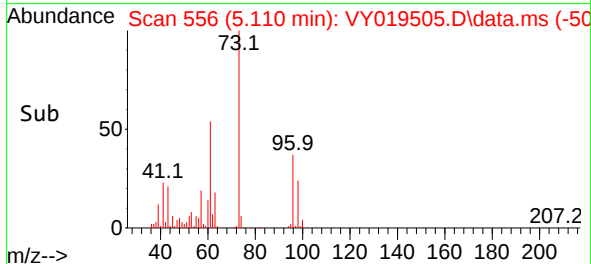
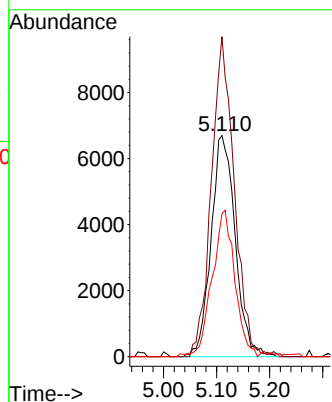
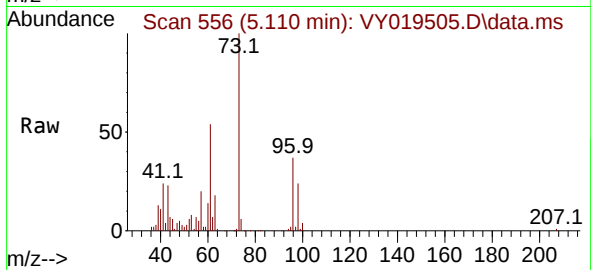
#21
trans-1,2-Dichloroethene
Concen: 4.733 ug/l
RT: 5.110 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY019505.D
Acq: 11 Sep 2024 12:38

Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT3-2024

Tgt Ion: 96 Resp: 2116
Ion Ratio Lower Upper
96 100
61 144.7 97.5 146.3
98 64.7 50.5 75.7

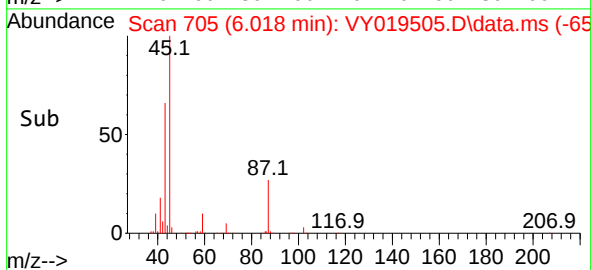
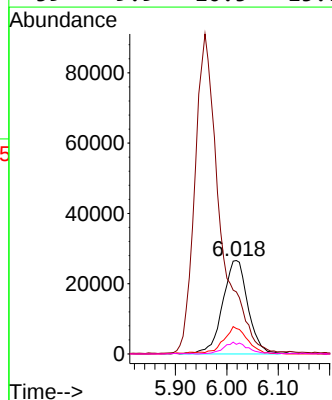
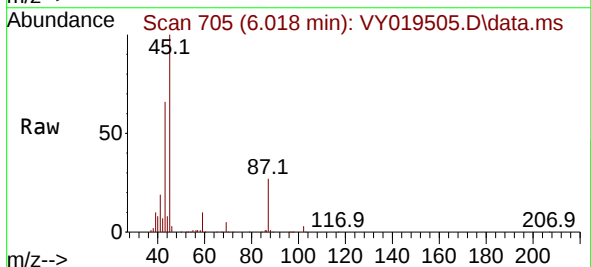
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#22
Diisopropyl ether
Concen: 6.042 ug/l
RT: 6.018 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY019505.D
Acq: 11 Sep 2024 12:38

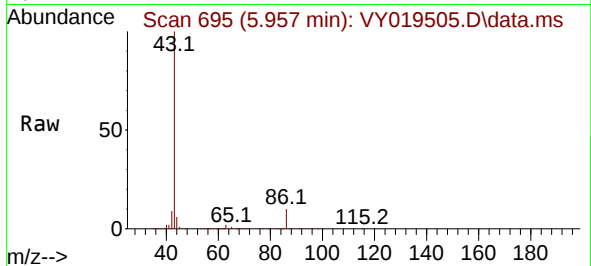
Tgt Ion: 45 Resp: 90791
Ion Ratio Lower Upper
45 100
43 63.9 42.2 63.2#
87 26.7 25.0 37.6
59 9.9 10.5 15.7#





#23
 Vinyl Acetate
 Concen: 36.032 ug/l
 RT: 5.957 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY019505.D
 Acq: 11 Sep 2024 12:38

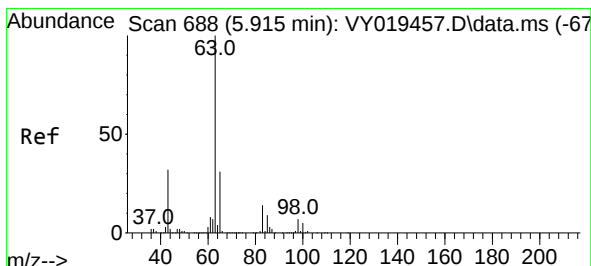
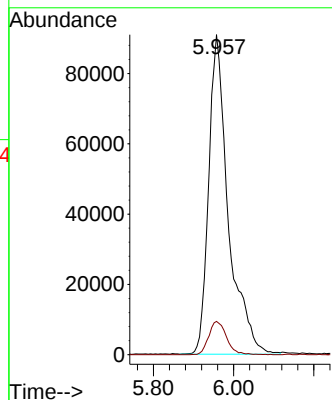
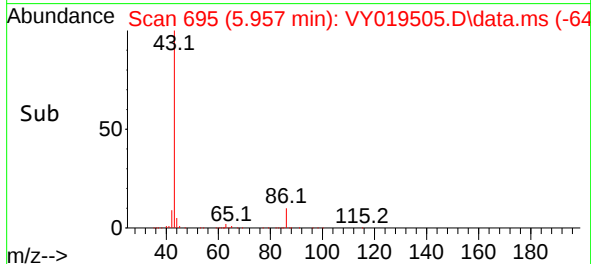
Instrument : MSVOA_Y
 ClientSampleId : LOQ-SOIL-02-QT3-2024



Tgt Ion: 43 Resp: 30924
 Ion Ratio Lower Upper
 43 100
 86 10.4 10.6 16.0

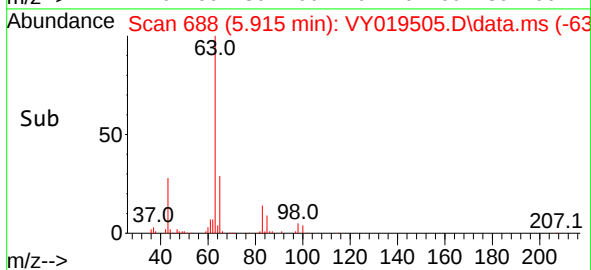
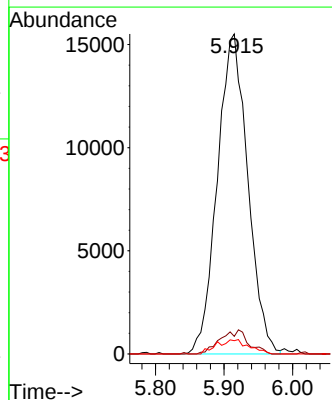
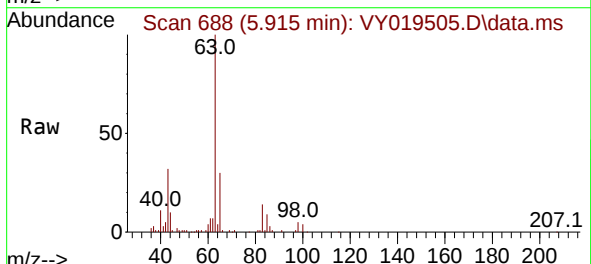
Manual Integrations
 APPROVED

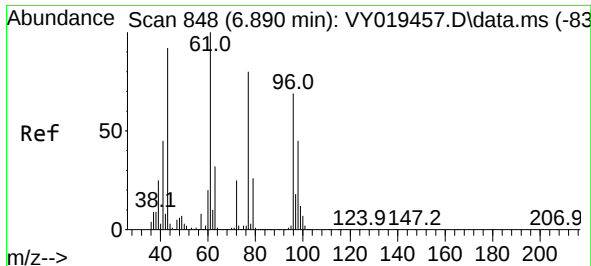
Reviewed By :Mahesh Dadoda 09/12/2024
 Supervised By :Semsettin Yesilyurt 09/12/2024



#24
 1,1-Dichloroethane
 Concen: 5.675 ug/l
 RT: 5.915 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY019505.D
 Acq: 11 Sep 2024 12:38

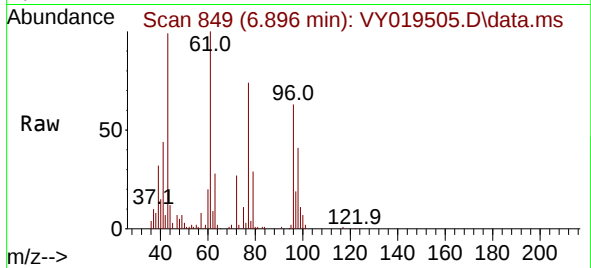
Tgt Ion: 63 Resp: 47846
 Ion Ratio Lower Upper
 63 100
 98 5.5 4.0 12.2
 100 4.2 2.6 8.0





#25
2-Butanone
Concen: 28.628 ug/l
RT: 6.896 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY019505.D
Acq: 11 Sep 2024 12:38

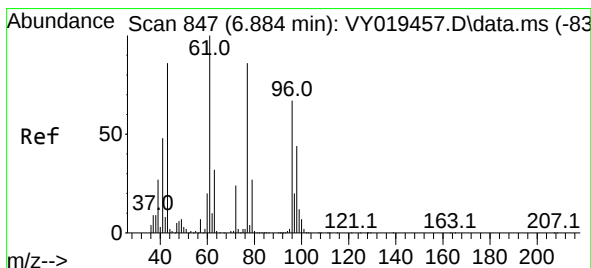
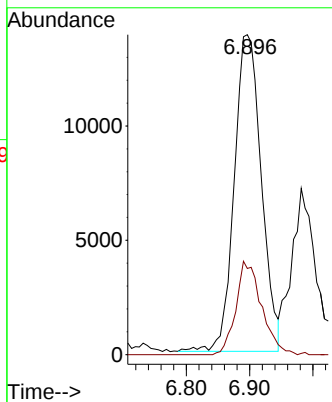
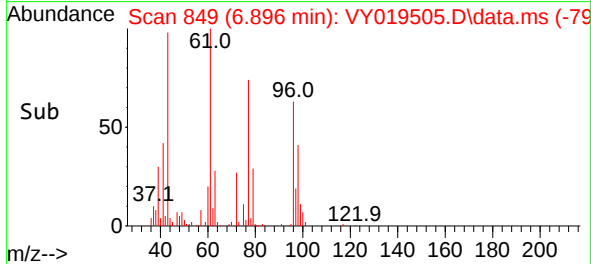
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2024



Tgt Ion: 43 Resp: 4130
Ion Ratio Lower Upper
43 100
72 27.2 27.3 40.9

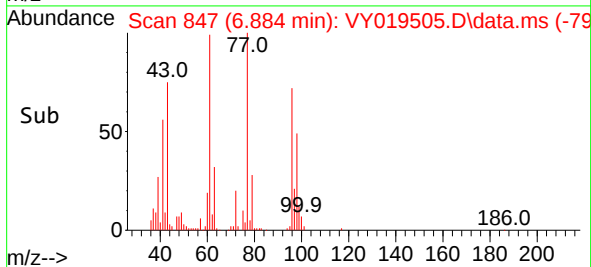
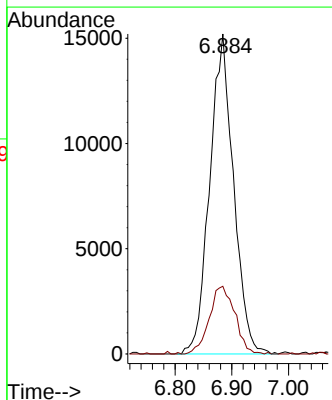
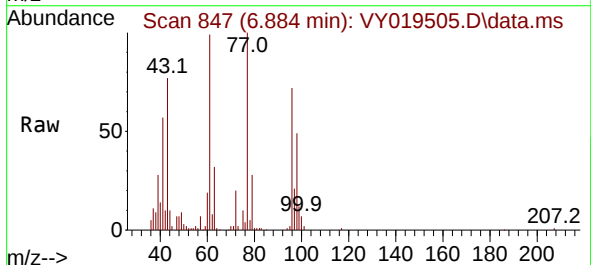
Manual Integrations
APPROVED

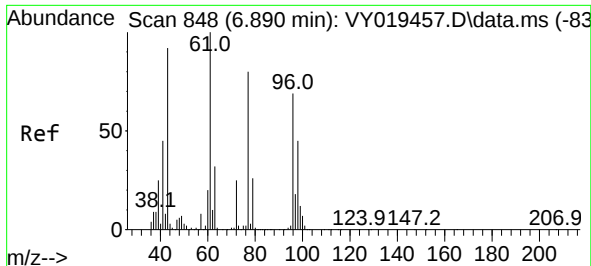
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#26
2,2-Dichloropropane
Concen: 5.822 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY019505.D
Acq: 11 Sep 2024 12:38

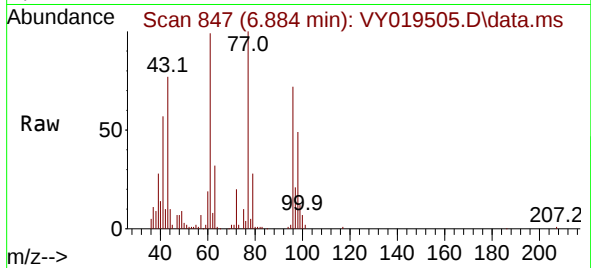
Tgt Ion: 77 Resp: 44275
Ion Ratio Lower Upper
77 100
97 22.7 12.0 36.1





#27
 cis-1,2-Dichloroethene
 Concen: 5.504 ug/l
 RT: 6.884 min Scan# 848
 Delta R.T. -0.006 min
 Lab File: VY019505.D
 Acq: 11 Sep 2024 12:38

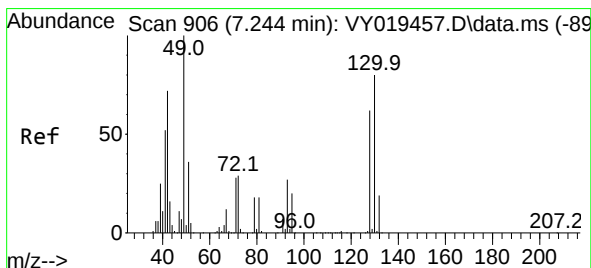
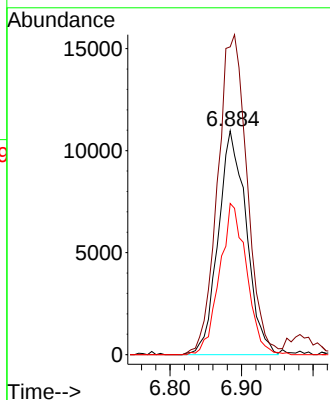
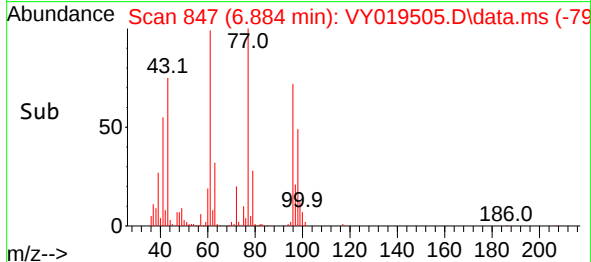
Instrument : MSVOA_Y
 ClientSampleId : LOQ-SOIL-02-QT3-2024



Tgt Ion: 96 Resp: 2990
 Ion Ratio Lower Upper
 96 100
 61 150.0 0.0 256.2
 98 65.0 0.0 130.0

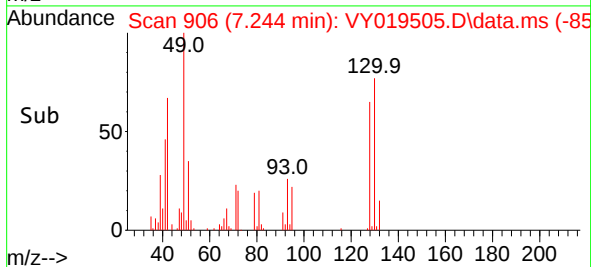
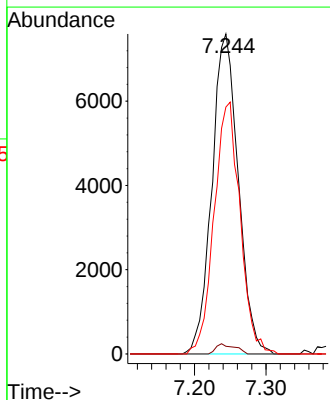
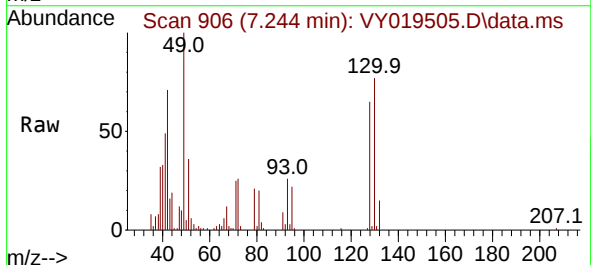
Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/12/2024
 Supervised By :Semsettin Yesilyurt 09/12/2024



#28
 Bromochloromethane
 Concen: 5.497 ug/l
 RT: 7.244 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: VY019505.D
 Acq: 11 Sep 2024 12:38

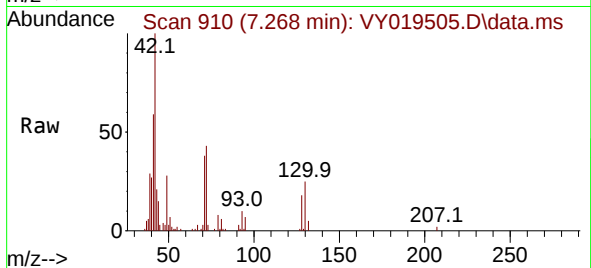
Tgt Ion: 49 Resp: 19502
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.6
 130 77.5 72.7 109.1





#29
Tetrahydrofuran
Concen: 30.007 ug/l
RT: 7.268 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY019505.D
Acq: 11 Sep 2024 12:38

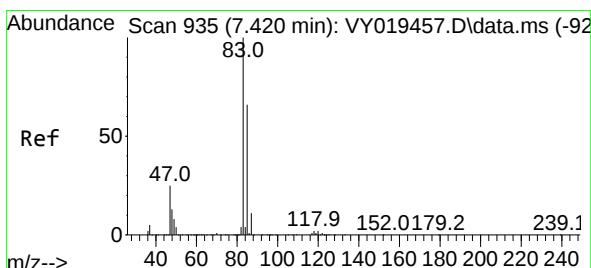
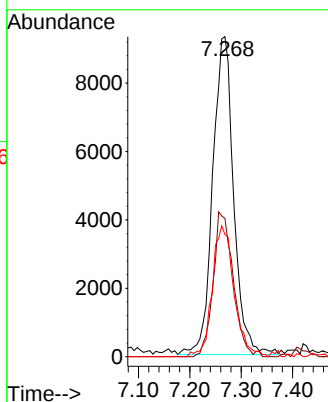
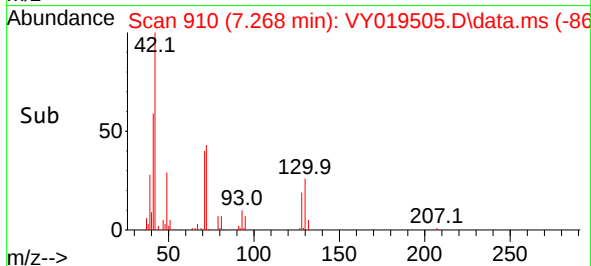
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2024



Tgt Ion: 42 Resp: 26329
Ion Ratio Lower Upper
42 100
72 43.6 43.0 64.4
71 42.6 40.8 61.2

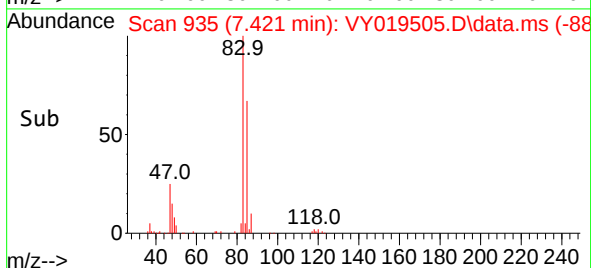
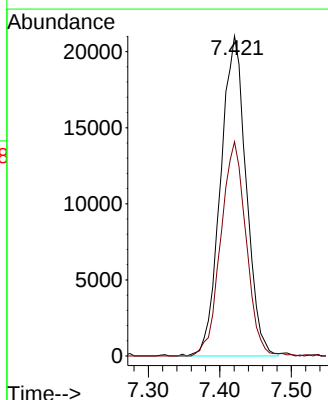
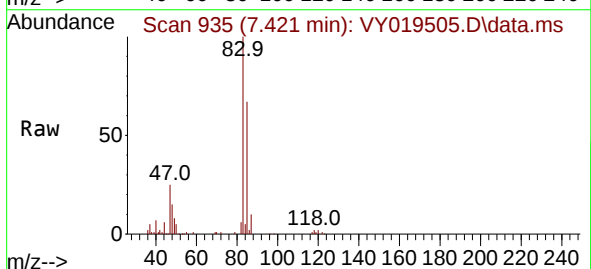
Manual Integrations
APPROVED

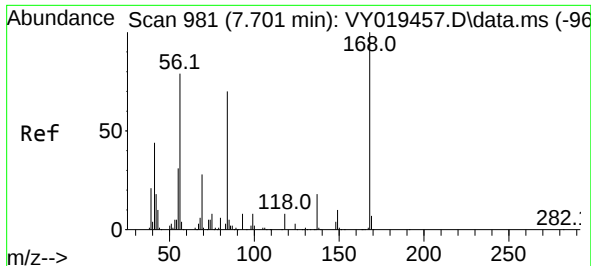
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#30
Chloroform
Concen: 6.075 ug/l
RT: 7.421 min Scan# 935
Delta R.T. 0.000 min
Lab File: VY019505.D
Acq: 11 Sep 2024 12:38

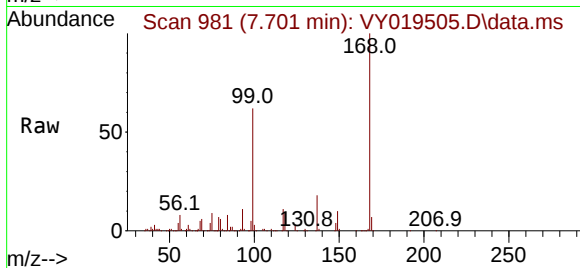
Tgt Ion: 83 Resp: 52287
Ion Ratio Lower Upper
83 100
85 66.9 52.2 78.4





#31
Cyclohexane
Concen: 5.143 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019505.D
Acq: 11 Sep 2024 12:38

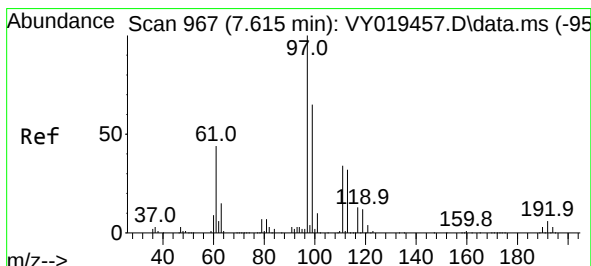
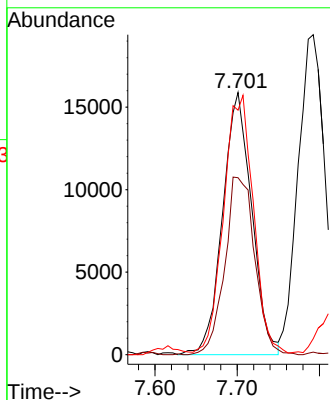
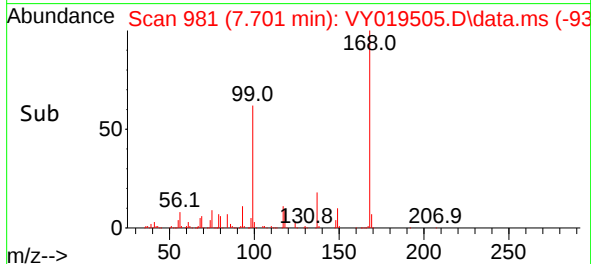
Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT3-2024



Tgt Ion: 56 Resp: 3919
Ion Ratio Lower Upper
56 100
69 67.2 28.7 43.1
84 91.3 77.7 116.5

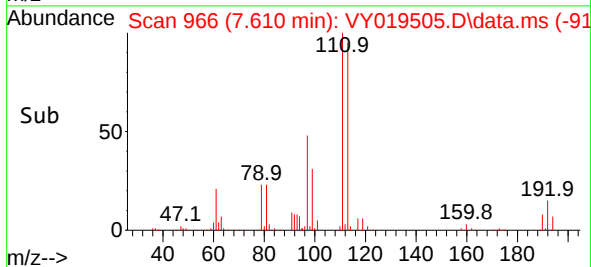
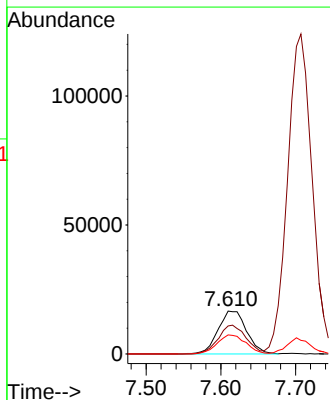
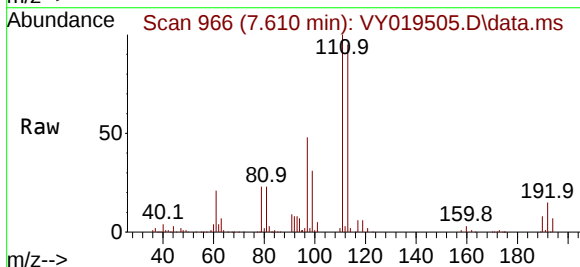
Manual Integrations
APPROVED

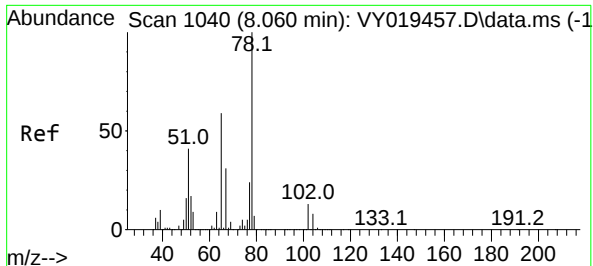
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#32
1,1,1-Trichloroethane
Concen: 5.733 ug/l
RT: 7.610 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY019505.D
Acq: 11 Sep 2024 12:38

Tgt Ion: 97 Resp: 44227
Ion Ratio Lower Upper
97 100
99 64.8 50.3 75.5
61 44.8 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 55.712 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY019505.D

Acq: 11 Sep 2024 12:38

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT3-2024

Tgt Ion: 65 Resp: 237244

Ion Ratio Lower Upper

65 100

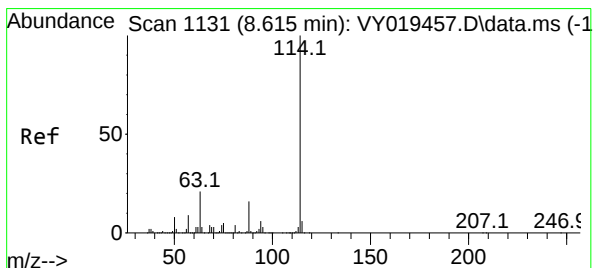
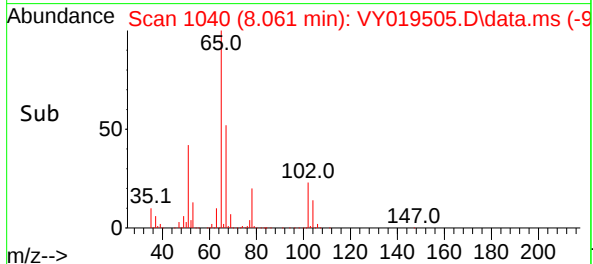
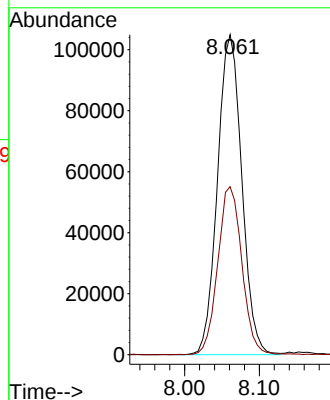
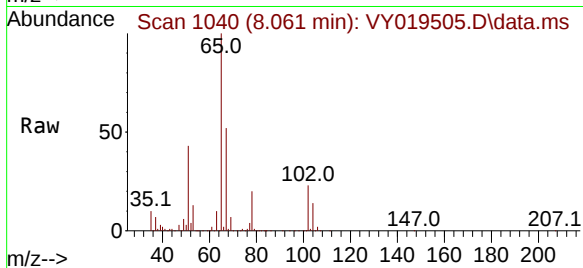
67 52.2 0.0 109.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/12/2024

Supervised By :Semsettin Yesilyurt 09/12/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019505.D

Acq: 11 Sep 2024 12:38

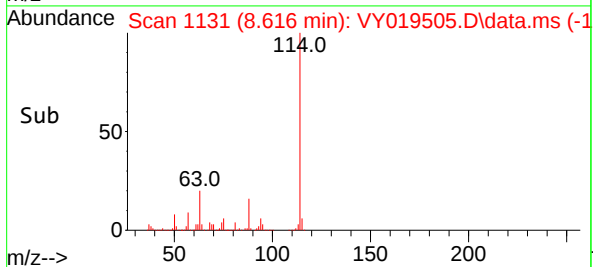
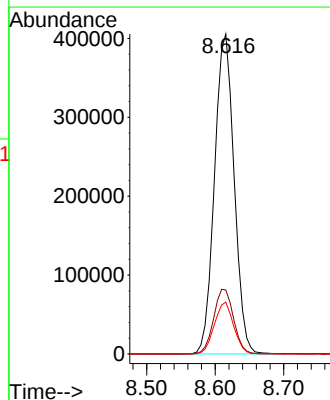
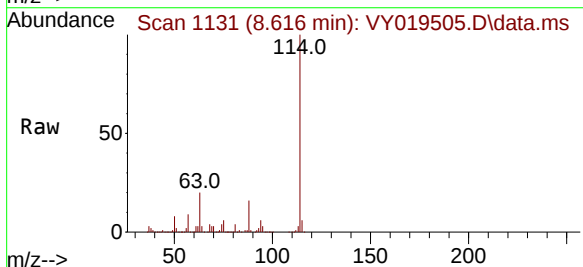
Tgt Ion:114 Resp: 805658

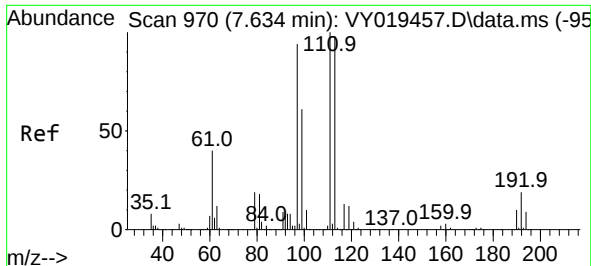
Ion Ratio Lower Upper

114 100

63 20.0 0.0 35.0

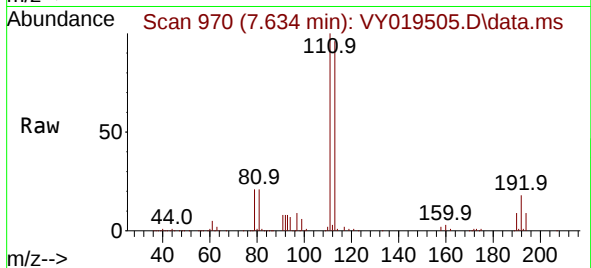
88 16.2 0.0 27.2





#35
Dibromofluoromethane
Concen: 51.337 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019505.D
Acq: 11 Sep 2024 12:38

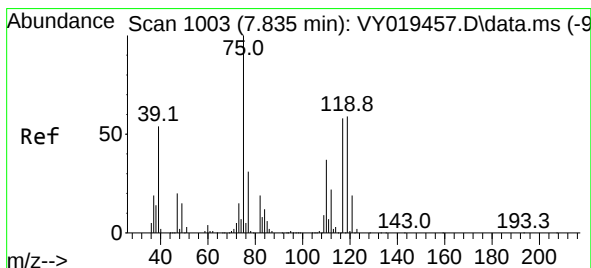
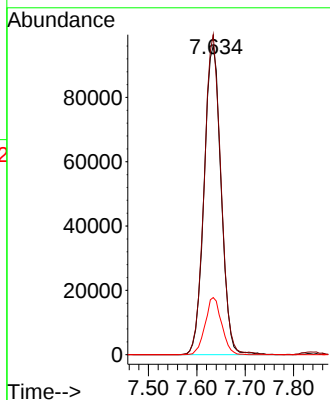
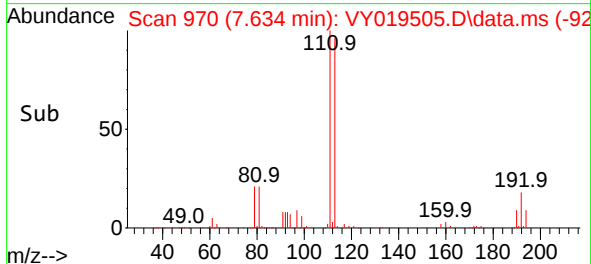
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2024



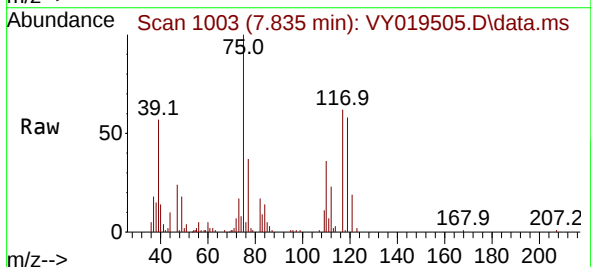
Tgt Ion: 113 Resp: 234504
Ion Ratio Lower Upper
113 100
111 101.3 82.2 123.4
192 18.0 15.9 23.9

Manual Integrations
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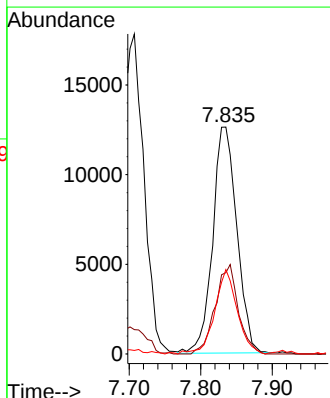
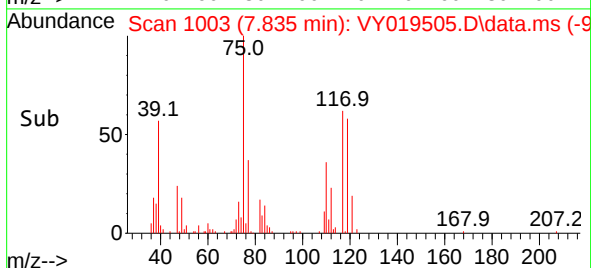
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024

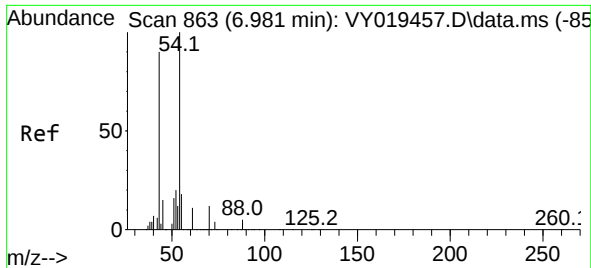


#36
1,1-Dichloropropene
Concen: 4.754 ug/l
RT: 7.835 min Scan# 1003
Delta R.T. 0.000 min
Lab File: VY019505.D
Acq: 11 Sep 2024 12:38



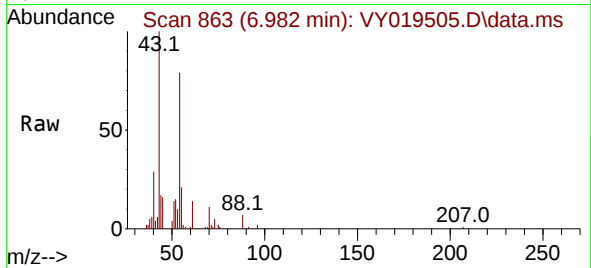
Tgt Ion: 75 Resp: 29550
Ion Ratio Lower Upper
75 100
110 37.8 19.0 57.0
77 34.9 25.3 37.9





#37
Ethyl Acetate
Concen: 5.740 ug/l
RT: 6.982 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY019505.D
Acq: 11 Sep 2024 12:38

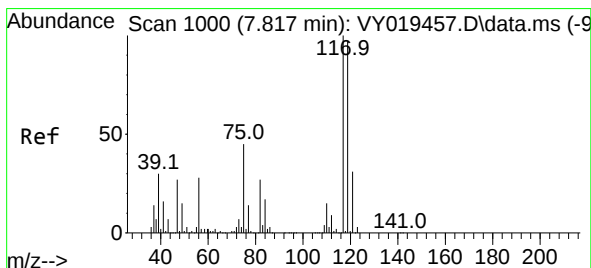
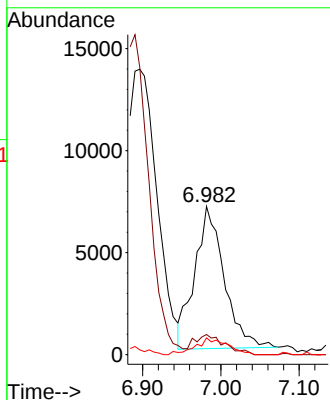
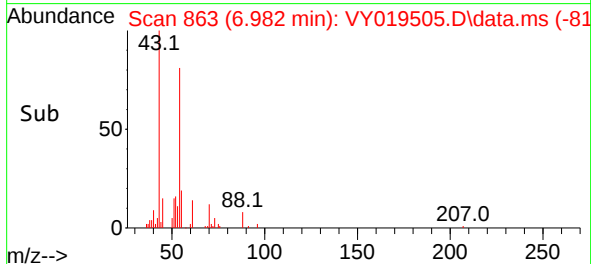
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2024



Tgt Ion: 43 Resp: 1828
Ion Ratio Lower Upper
43 100
61 14.9 12.6 19.0
70 12.6 7.8 11.8

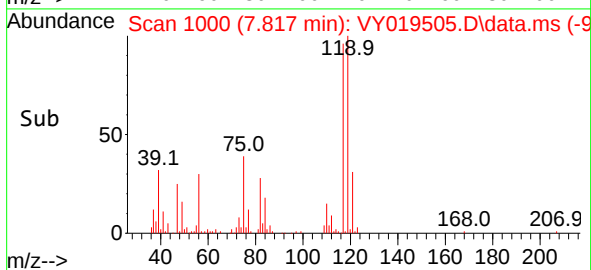
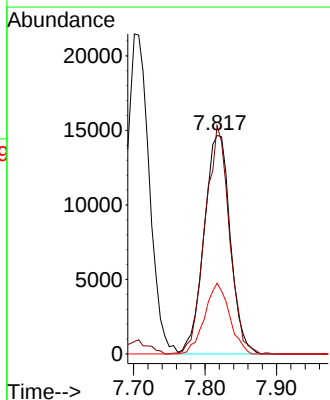
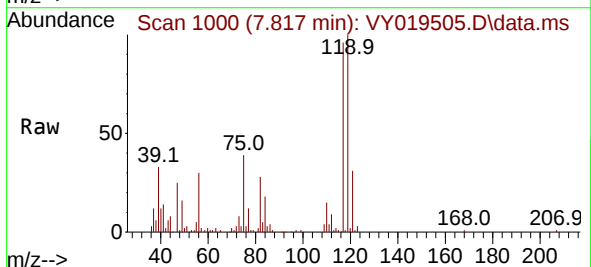
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#38
Carbon Tetrachloride
Concen: 5.339 ug/l
RT: 7.817 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY019505.D
Acq: 11 Sep 2024 12:38

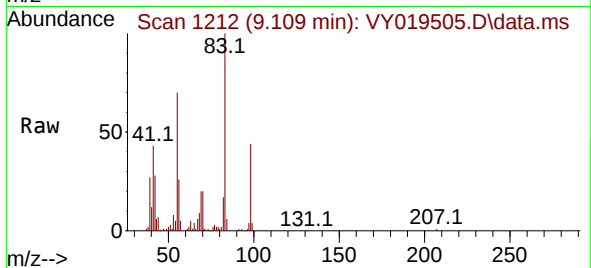
Tgt Ion:117 Resp: 37424
Ion Ratio Lower Upper
117 100
119 104.4 75.8 113.6
121 32.4 24.0 36.0





#39
Methylcyclohexane
Concen: 4.197 ug/l
RT: 9.109 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VY019505.D
Acq: 11 Sep 2024 12:38

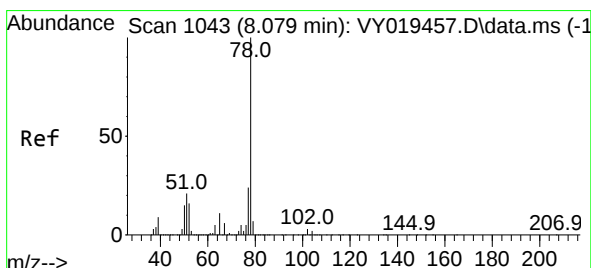
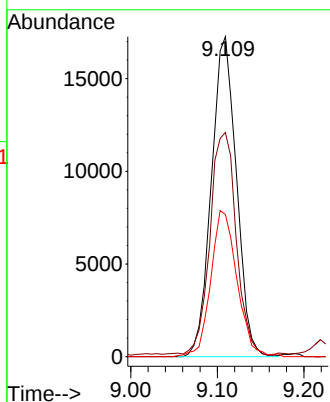
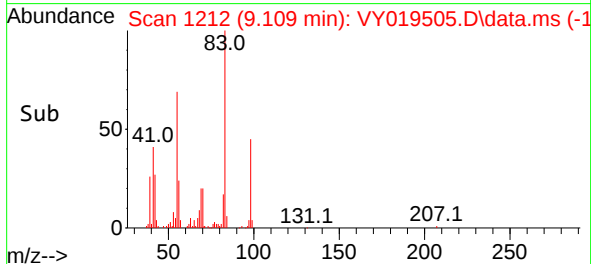
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2024



Tgt Ion: 83 Resp: 3471
Ion Ratio Lower Upper
83 100
55 69.0 51.5 77.3
98 44.1 40.5 60.7

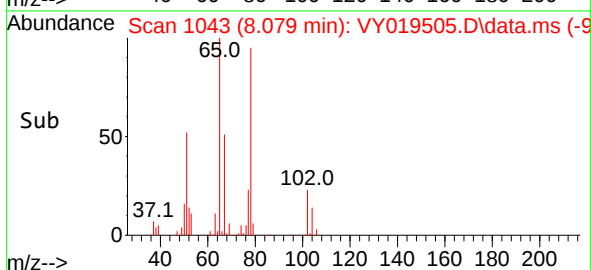
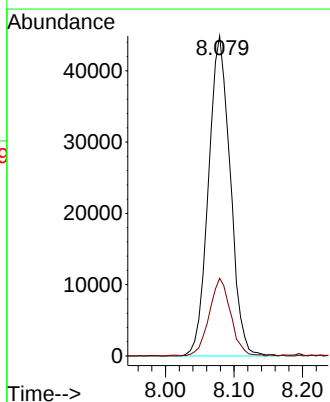
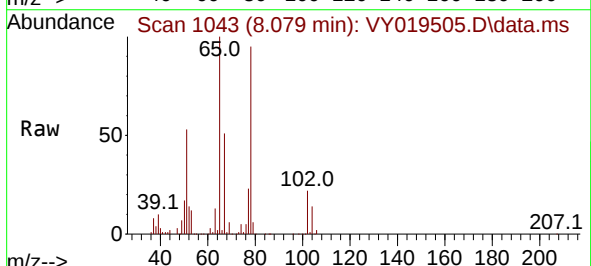
Manual Integrations
APPROVED

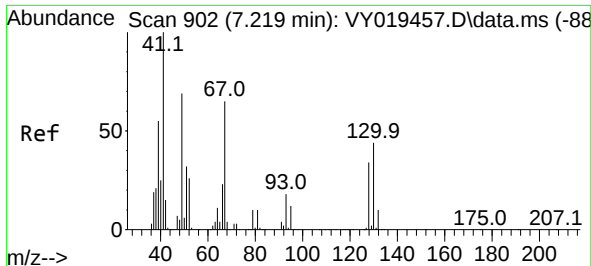
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#40
Benzene
Concen: 5.170 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY019505.D
Acq: 11 Sep 2024 12:38

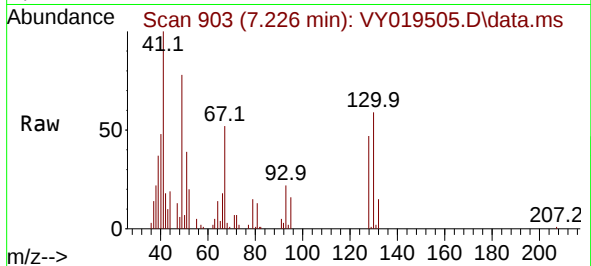
Tgt Ion: 78 Resp: 98978
Ion Ratio Lower Upper
78 100
77 24.2 19.5 29.3





#41
Methacrylonitrile
Concen: 5.886 ug/l m
RT: 7.226 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY019505.D
Acq: 11 Sep 2024 12:38

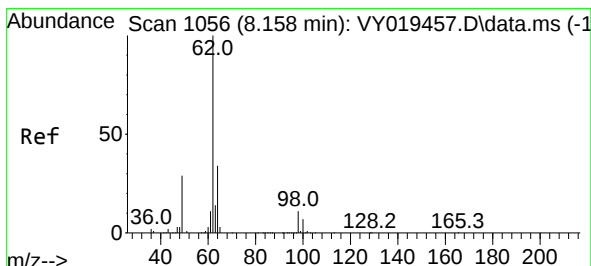
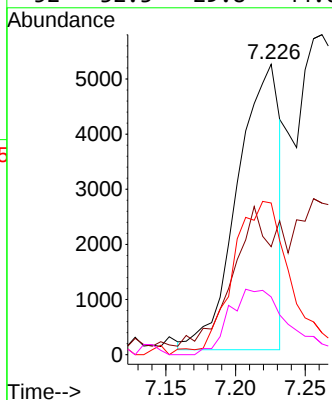
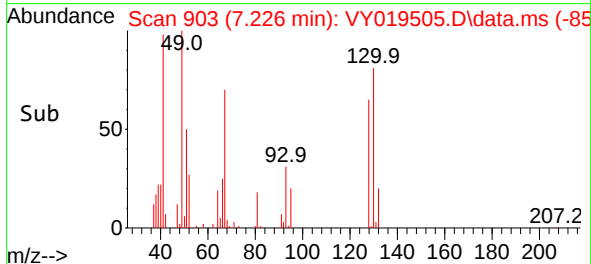
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2024



Tgt Ion: 41 Resp: 10928
Ion Ratio Lower Upper
41 100
39 44.4 48.0 72.0
67 73.9 75.1 112.7
52 32.3 29.8 44.6

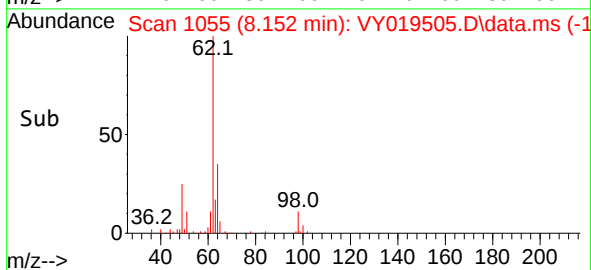
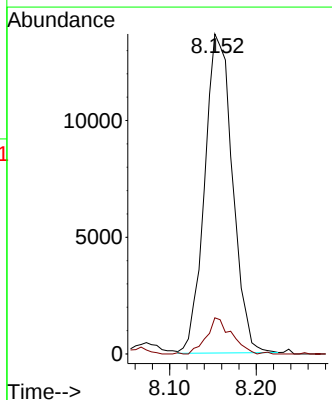
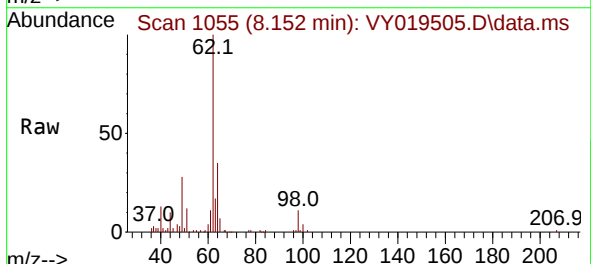
Manual Integrations
APPROVED

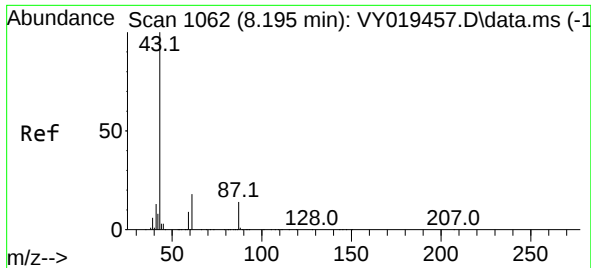
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#42
1,2-Dichloroethane
Concen: 5.933 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VY019505.D
Acq: 11 Sep 2024 12:38

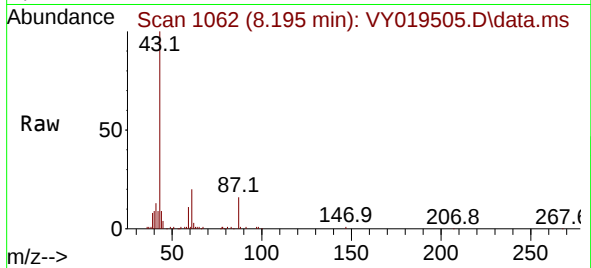
Tgt Ion: 62 Resp: 30562
Ion Ratio Lower Upper
62 100
98 10.1 0.0 22.0





#43
Isopropyl Acetate
Concen: 6.078 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VY019505.D
Acq: 11 Sep 2024 12:38

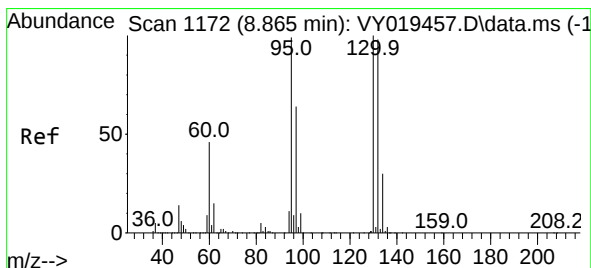
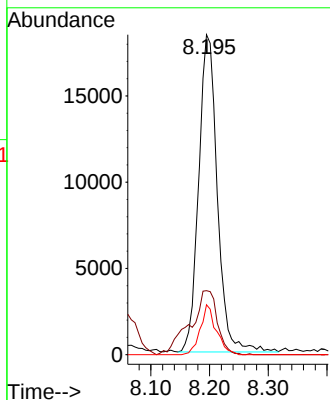
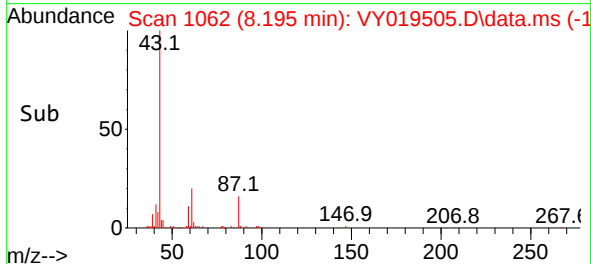
Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT3-2024



Tgt Ion: 43 Resp: 40670
Ion Ratio Lower Upper
43 100
61 29.1 27.9 41.9
87 13.4 13.1 19.7

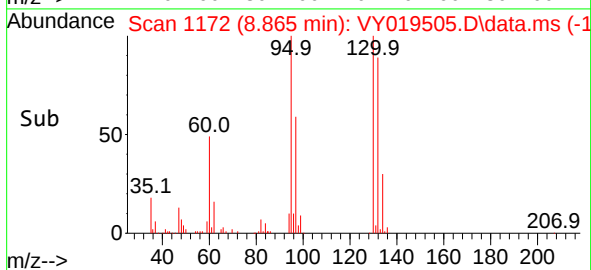
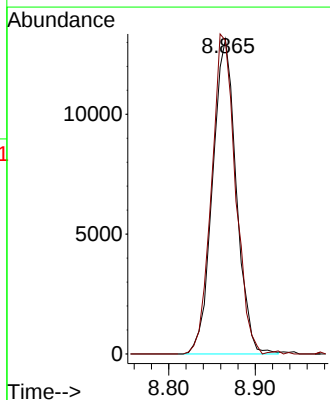
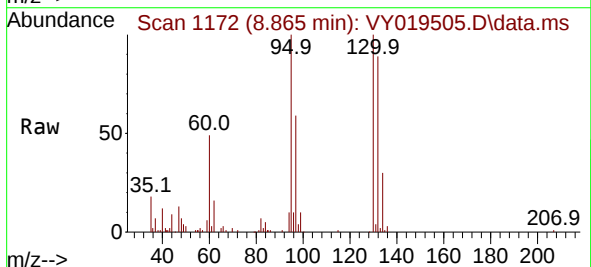
Manual Integrations
APPROVED

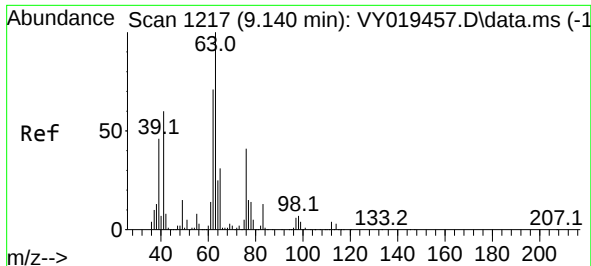
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#44
Trichloroethene
Concen: 5.080 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY019505.D
Acq: 11 Sep 2024 12:38

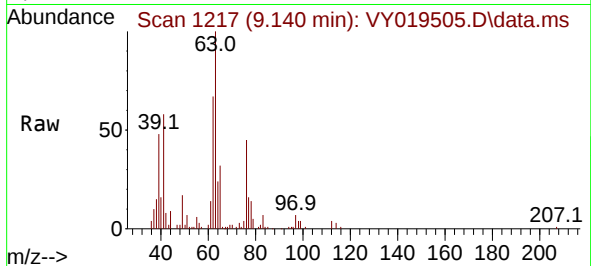
Tgt Ion:130 Resp: 25012
Ion Ratio Lower Upper
130 100
95 99.6 0.0 188.0





#45
1,2-Dichloropropane
Concen: 5.792 ug/l
RT: 9.140 min Scan# 1217
Delta R.T. 0.000 min
Lab File: VY019505.D
Acq: 11 Sep 2024 12:38

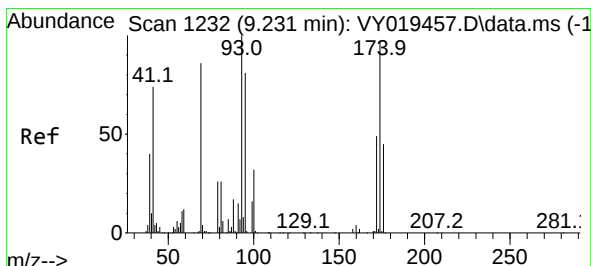
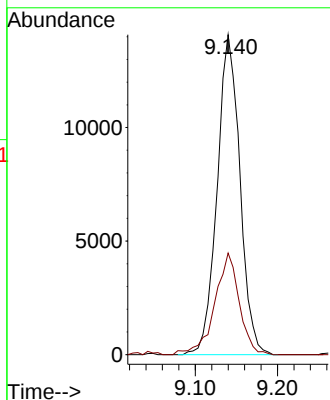
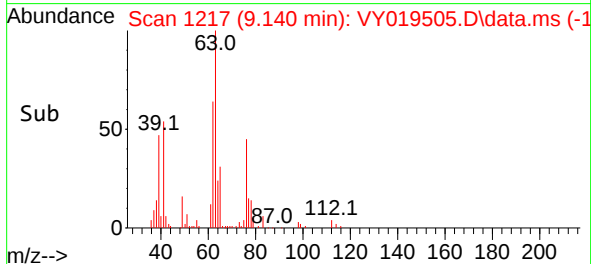
Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT3-2024



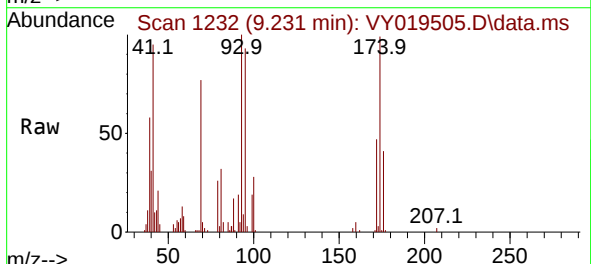
Tgt Ion: 63 Resp: 27109
Ion Ratio Lower Upper
63 100
65 31.8 25.4 38.2

Manual Integrations
APPROVED

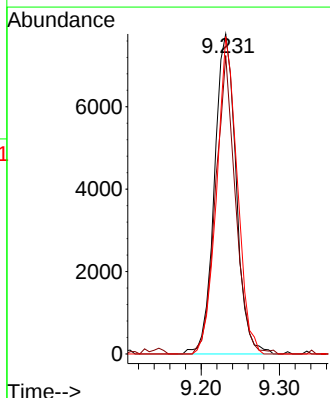
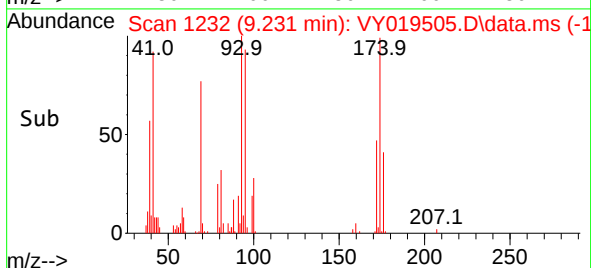
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024

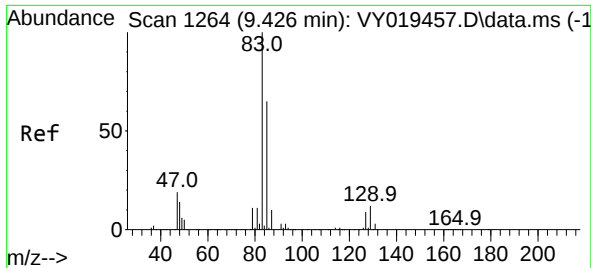


#46
Dibromomethane
Concen: 5.819 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VY019505.D
Acq: 11 Sep 2024 12:38



Tgt Ion: 93 Resp: 14894
Ion Ratio Lower Upper
93 100
95 86.0 66.2 99.4
174 94.7 80.9 121.3





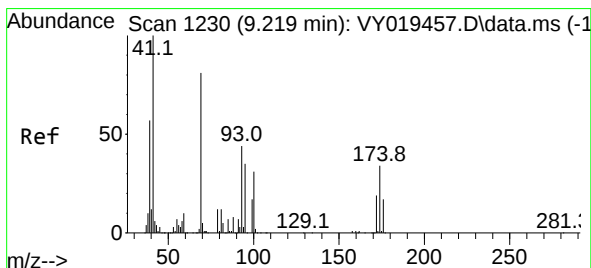
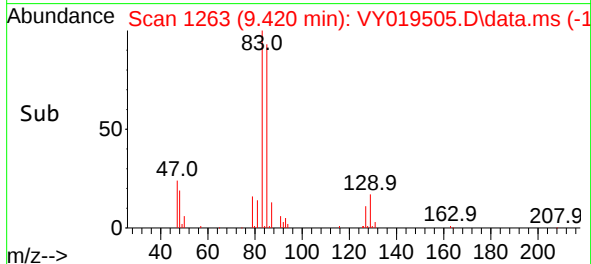
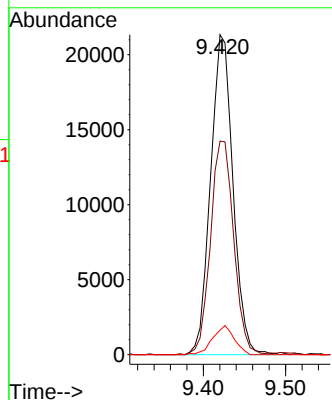
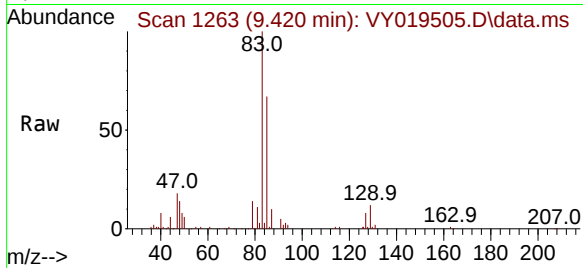
#47
Bromodichloromethane
Concen: 5.867 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.006 min
Lab File: VY019505.D
Acq: 11 Sep 2024 12:38

Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT3-2024

Tgt Ion: 83 Resp: 4036
Ion Ratio Lower Upper
83 100
85 66.5 50.1 75.1
127 7.6 7.4 11.0

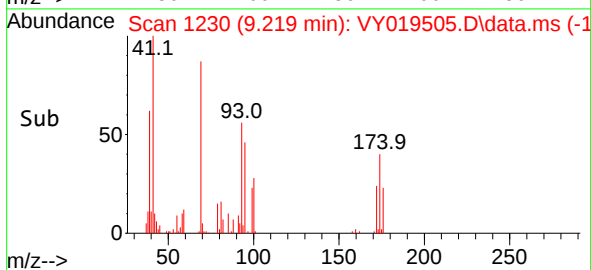
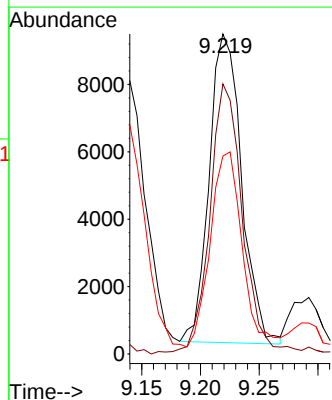
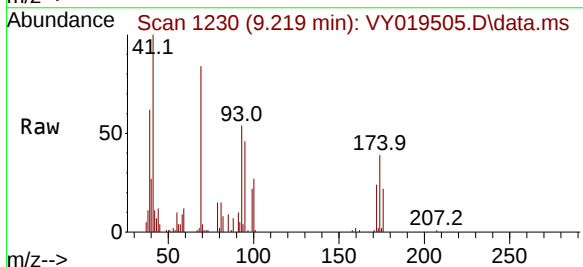
Manual Integrations
APPROVED

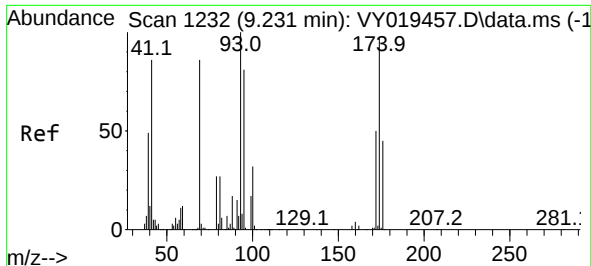
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#48
Methyl methacrylate
Concen: 5.547 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY019505.D
Acq: 11 Sep 2024 12:38

Tgt Ion: 41 Resp: 17526
Ion Ratio Lower Upper
41 100
69 88.3 84.1 126.1
39 64.5 43.6 65.4





#49

1,4-Dioxane

Concen: 118.286 ug/l

RT: 9.243 min Scan# 1234

Delta R.T. 0.012 min

Lab File: VY019505.D

Acq: 11 Sep 2024 12:38

Instrument :

MSVOA_Y

ClientSampleId :

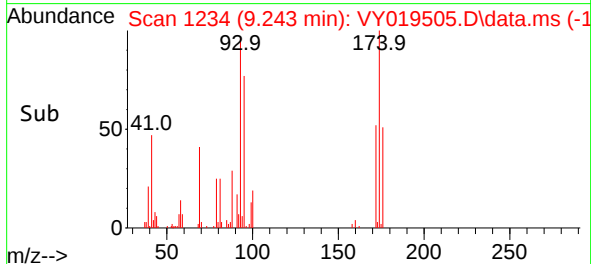
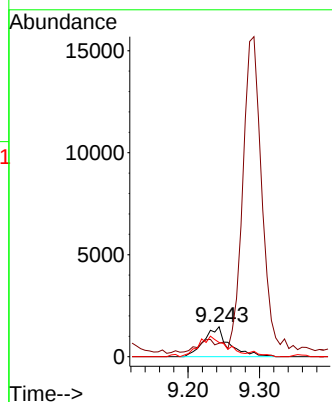
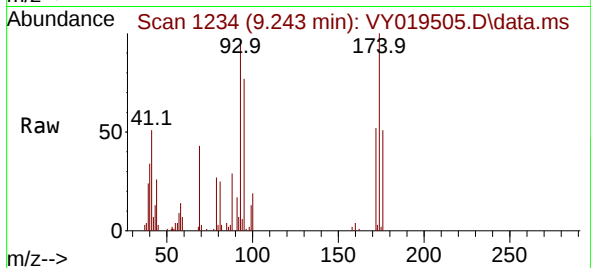
LOQ-SOIL-02-QT3-2024

Tgt Ion: 88 Resp: 3564
 Ion Ratio Lower Upper
 88 100
 43 31.7 0.0 0.0
 58 74.9 49.3 73.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/12/2024
 Supervised By :Semsettin Yesilyurt 09/12/2024



#50

Toluene-d8

Concen: 51.060 ug/l

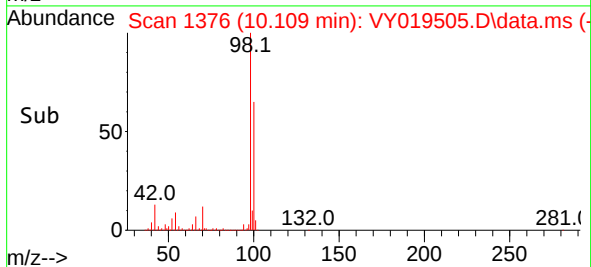
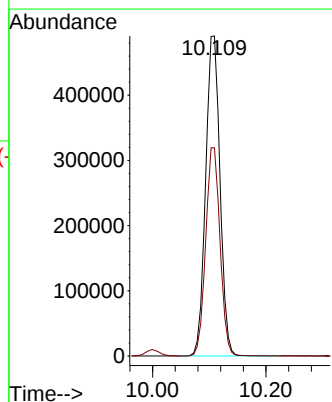
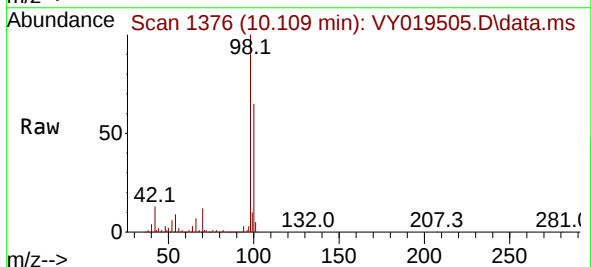
RT: 10.109 min Scan# 1376

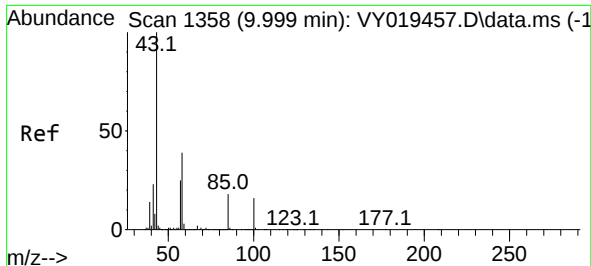
Delta R.T. 0.000 min

Lab File: VY019505.D

Acq: 11 Sep 2024 12:38

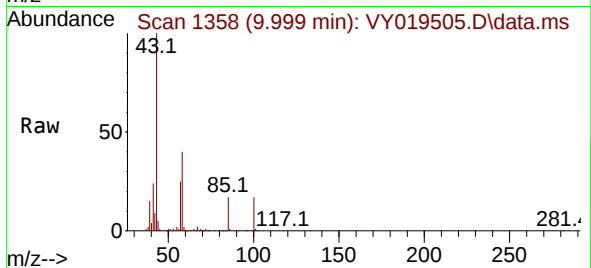
Tgt Ion: 98 Resp: 862703
 Ion Ratio Lower Upper
 98 100
 100 65.0 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 30.021 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY019505.D
Acq: 11 Sep 2024 12:38

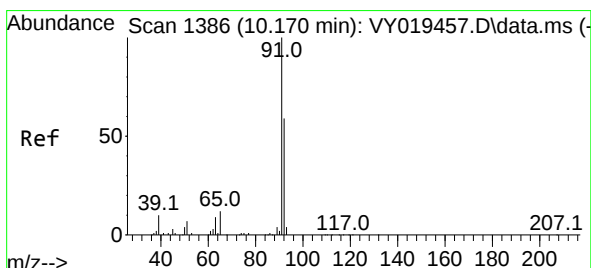
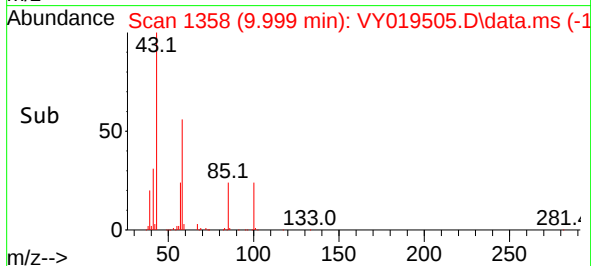
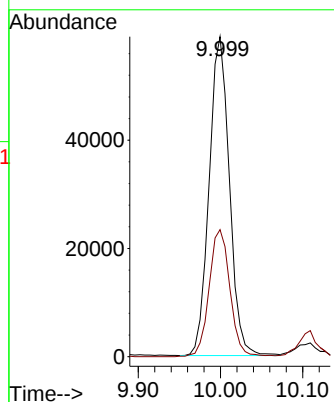
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2024



Tgt Ion: 43 Resp: 101050
Ion Ratio Lower Upper
43 100
58 41.0 35.7 53.5

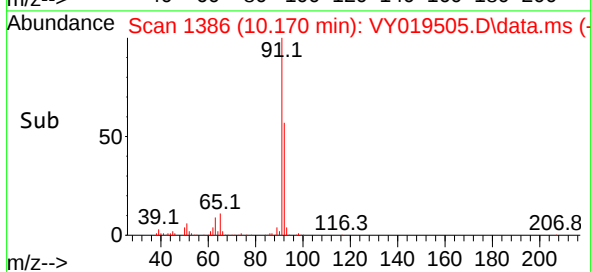
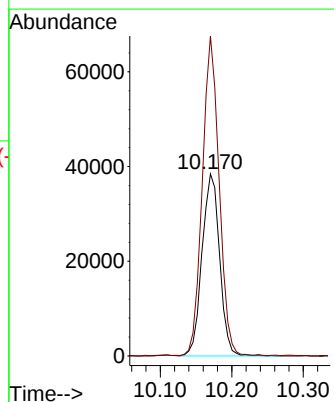
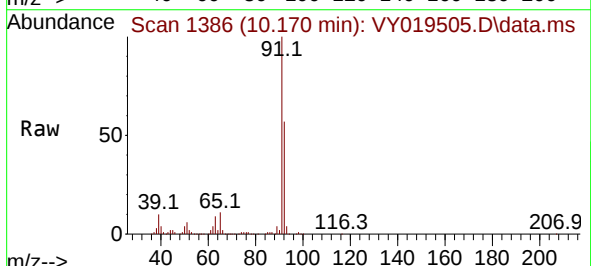
Manual Integrations
APPROVED

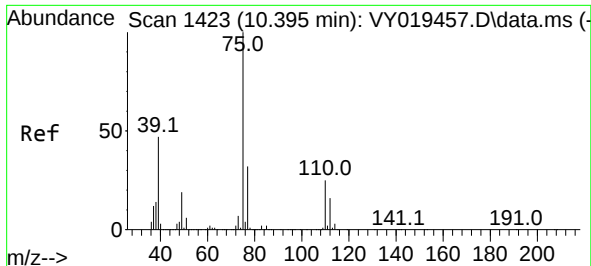
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#52
Toluene
Concen: 5.322 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY019505.D
Acq: 11 Sep 2024 12:38

Tgt Ion: 92 Resp: 65525
Ion Ratio Lower Upper
92 100
91 167.5 139.0 208.6





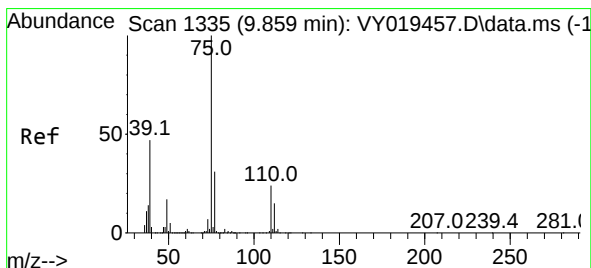
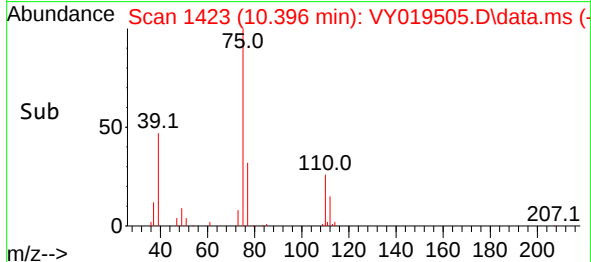
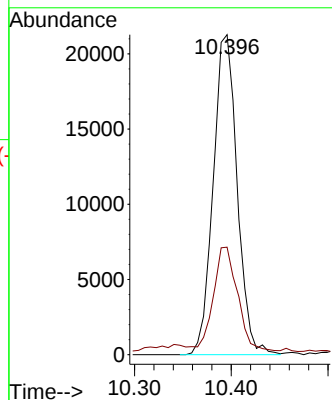
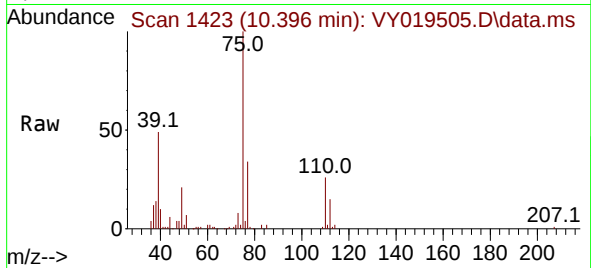
#53
t-1,3-Dichloropropene
Concen: 5.572 ug/l
RT: 10.396 min Scan# 1423
Delta R.T. 0.000 min
Lab File: VY019505.D
Acq: 11 Sep 2024 12:38

Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT3-2024

Tgt Ion: 75 Resp: 3654
Ion Ratio Lower Upper
75 100
77 32.3 24.1 36.1

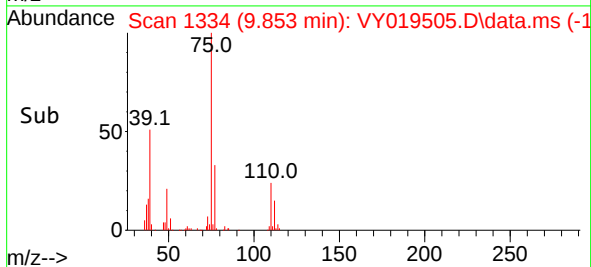
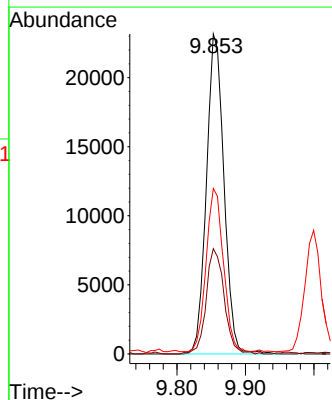
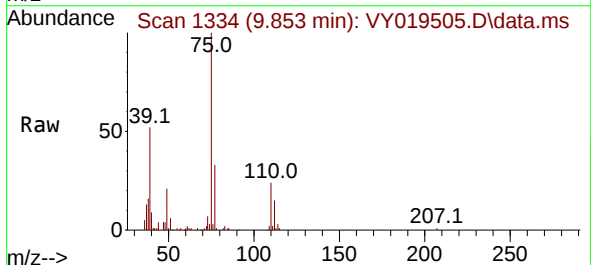
Manual Integrations
APPROVED

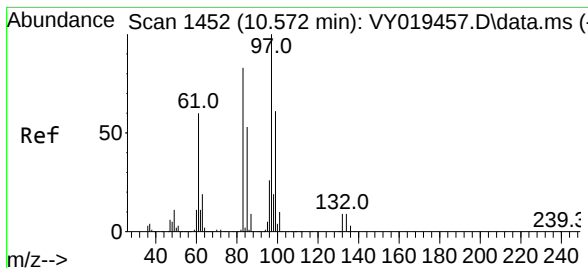
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#54
cis-1,3-Dichloropropene
Concen: 5.402 ug/l
RT: 9.853 min Scan# 1334
Delta R.T. -0.006 min
Lab File: VY019505.D
Acq: 11 Sep 2024 12:38

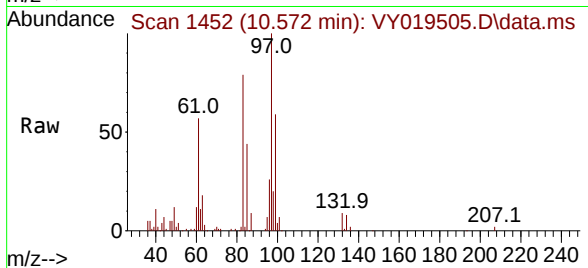
Tgt Ion: 75 Resp: 41253
Ion Ratio Lower Upper
75 100
77 32.9 25.4 38.0
39 51.0 29.8 44.6#





#55
1,1,2-Trichloroethane
Concen: 6.223 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY019505.D
Acq: 11 Sep 2024 12:38

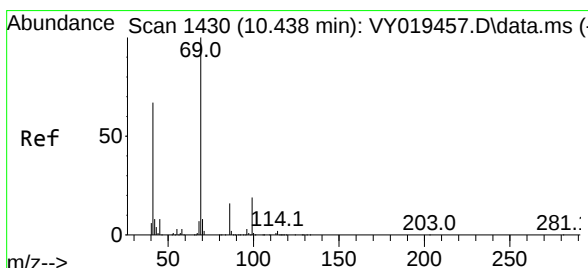
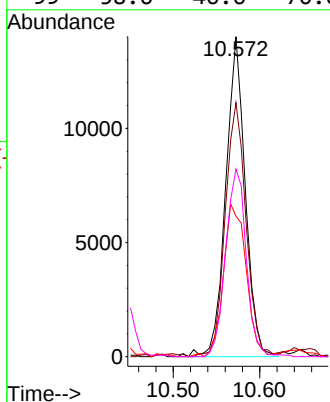
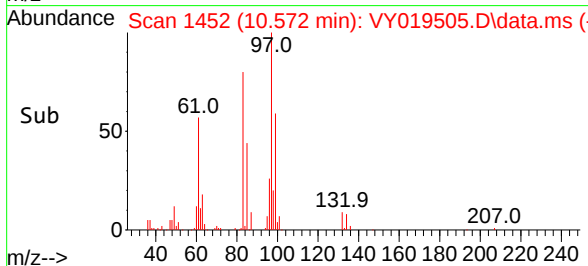
Instrument : MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2024



Tgt Ion	Ratio	Lower	Upper
97	100		
83	78.8	67.5	101.3
85	43.9	42.9	64.3
99	58.6	46.6	70.0

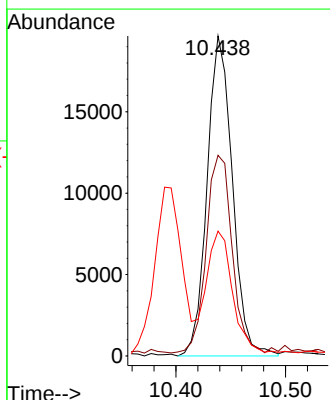
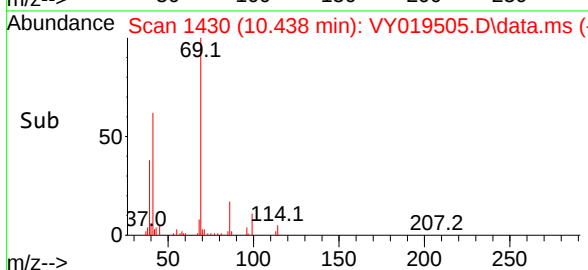
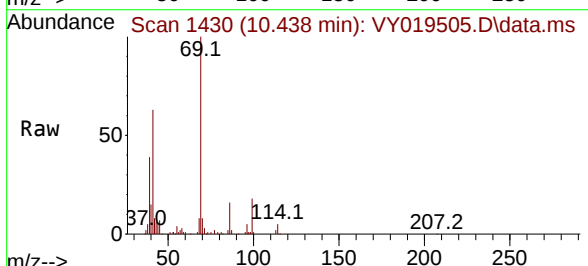
Manual Integrations
APPROVED

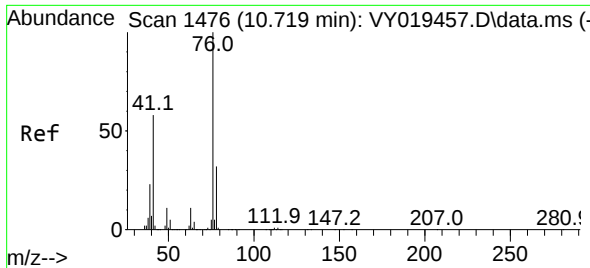
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#56
Ethyl methacrylate
Concen: 5.871 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY019505.D
Acq: 11 Sep 2024 12:38

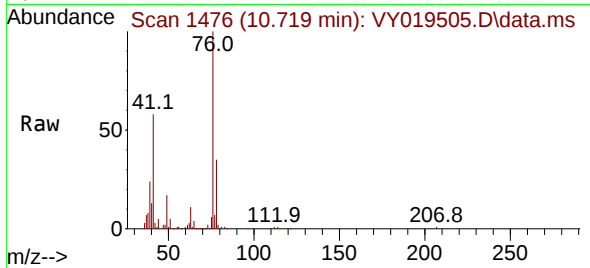
Tgt Ion	Ratio	Lower	Upper
69	100		
41	63.0	42.3	63.5
39	41.1	22.9	34.3





#57
1,3-Dichloropropane
Concen: 5.857 ug/l
RT: 10.719 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VY019505.D
Acq: 11 Sep 2024 12:38

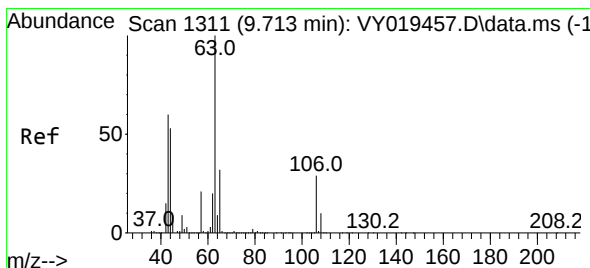
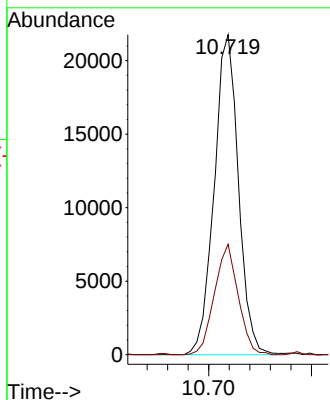
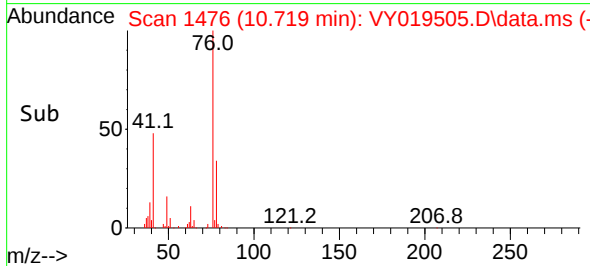
Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT3-2024



Tgt Ion: 76 Resp: 3558
Ion Ratio Lower Upper
76 100
78 33.8 26.2 39.4

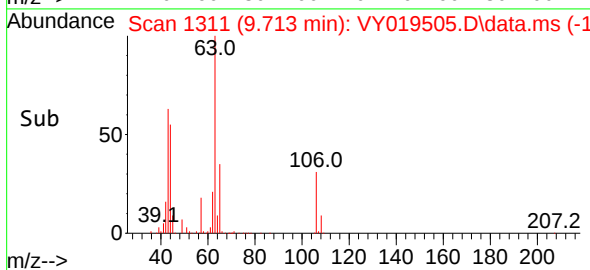
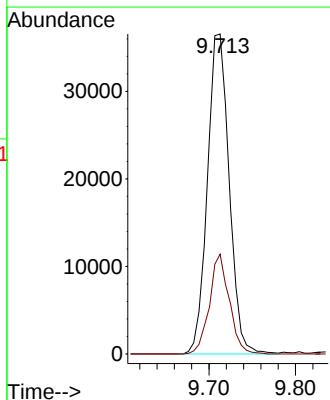
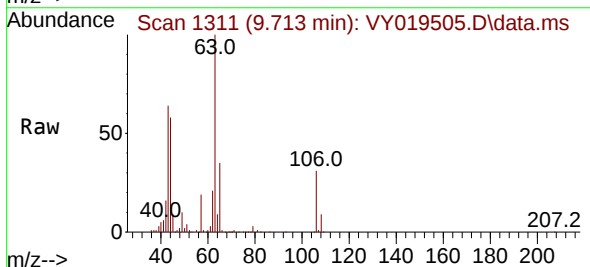
Manual Integrations
APPROVED

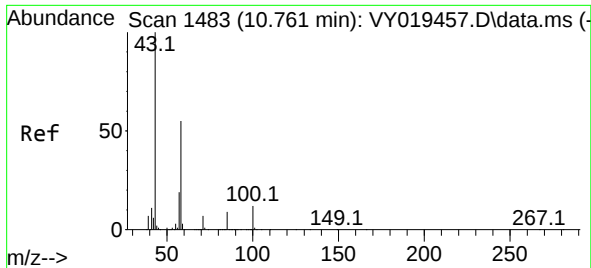
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#58
2-Chloroethyl Vinyl ether
Concen: 25.638 ug/l
RT: 9.713 min Scan# 1311
Delta R.T. 0.000 min
Lab File: VY019505.D
Acq: 11 Sep 2024 12:38

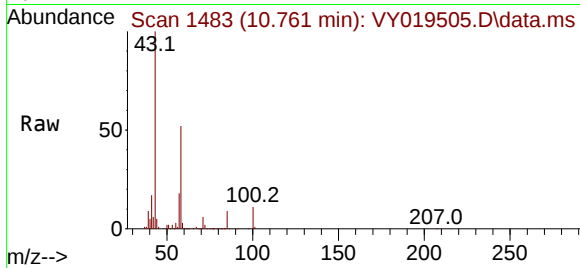
Tgt Ion: 63 Resp: 63890
Ion Ratio Lower Upper
63 100
106 28.4 23.7 35.5





#59
2-Hexanone
Concen: 28.726 ug/l
RT: 10.761 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY019505.D
Acq: 11 Sep 2024 12:38

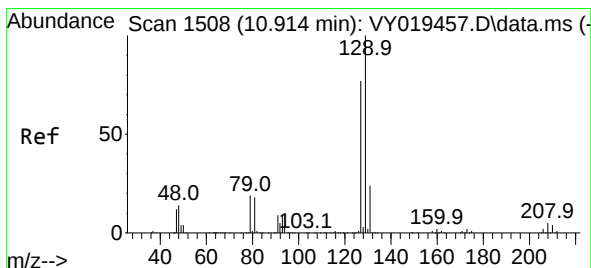
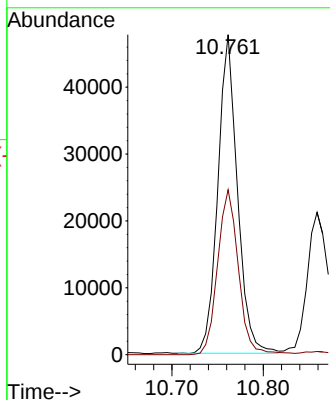
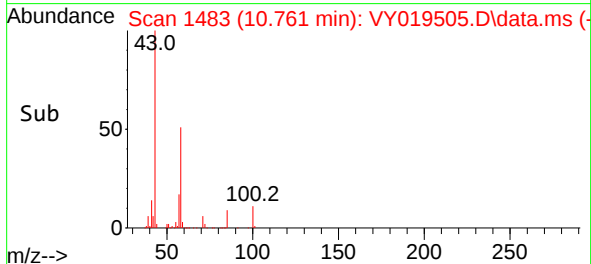
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2024



Tgt Ion: 43 Resp: 70890
Ion Ratio Lower Upper
43 100
58 55.2 31.4 94.0

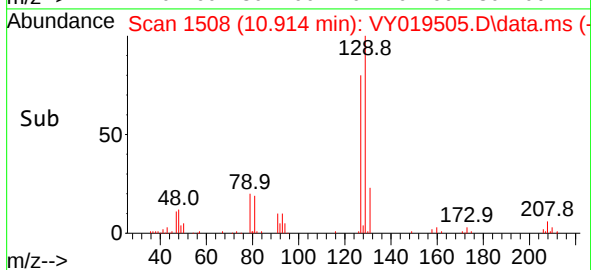
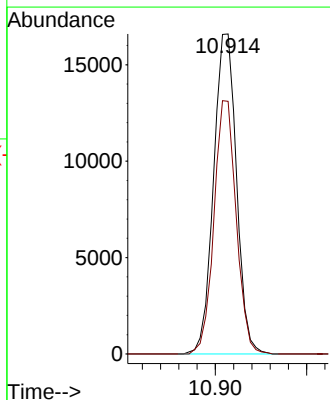
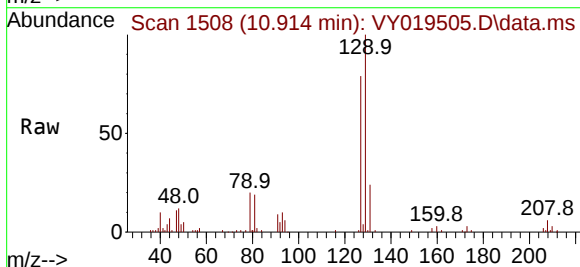
Manual Integrations
APPROVED

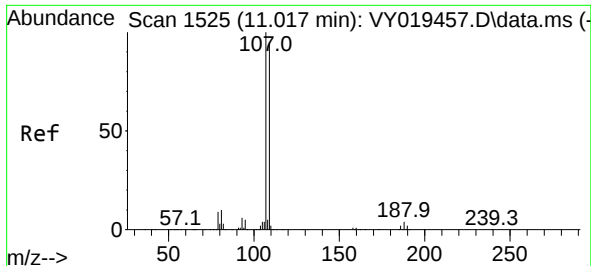
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#60
Dibromochloromethane
Concen: 6.181 ug/l
RT: 10.914 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VY019505.D
Acq: 11 Sep 2024 12:38

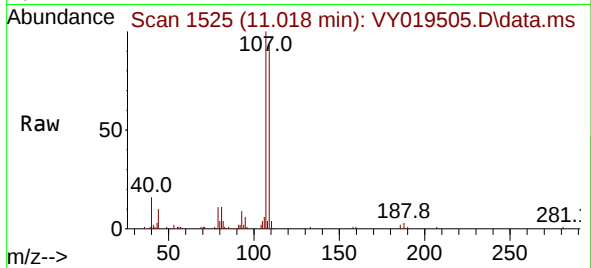
Tgt Ion:129 Resp: 28900
Ion Ratio Lower Upper
129 100
127 77.0 39.0 117.0





#61
1,2-Dibromoethane
Concen: 5.682 ug/l
RT: 11.018 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VY019505.D
Acq: 11 Sep 2024 12:38

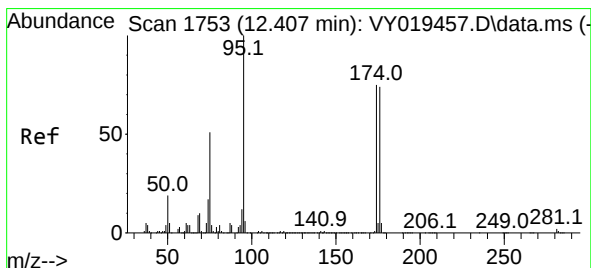
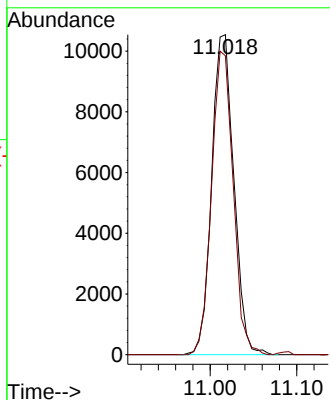
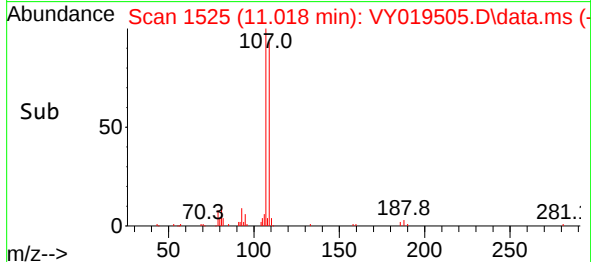
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2024



Tgt Ion:107 Resp: 1871
Ion Ratio Lower Upper
107 100
109 92.6 75.9 113.9

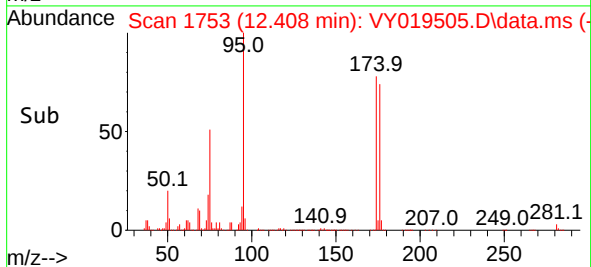
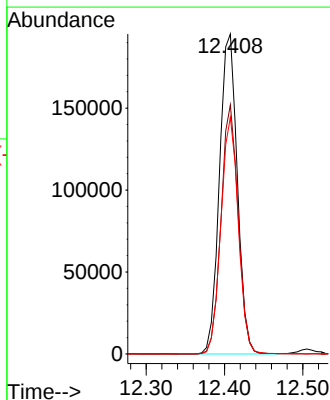
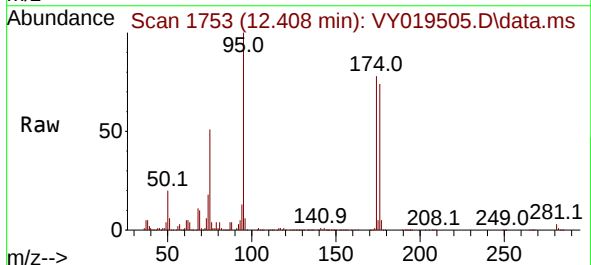
Manual Integrations
APPROVED

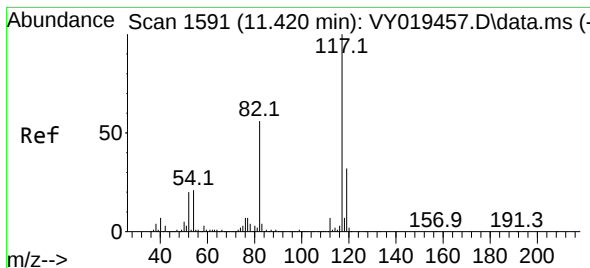
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#62
4-Bromofluorobenzene
Concen: 47.557 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019505.D
Acq: 11 Sep 2024 12:38

Tgt Ion: 95 Resp: 308958
Ion Ratio Lower Upper
95 100
174 75.2 0.0 175.6
176 72.3 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: VY019505.D

Acq: 11 Sep 2024 12:38

Instrument :

MSVOA_Y

ClientSampleId :

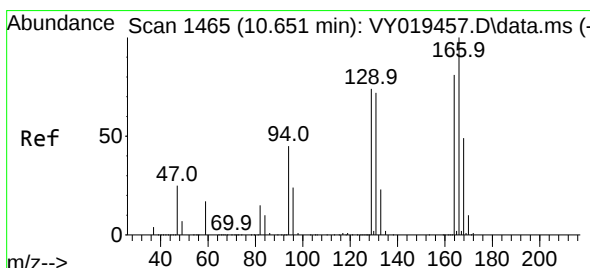
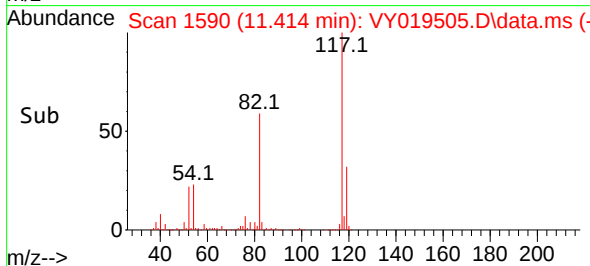
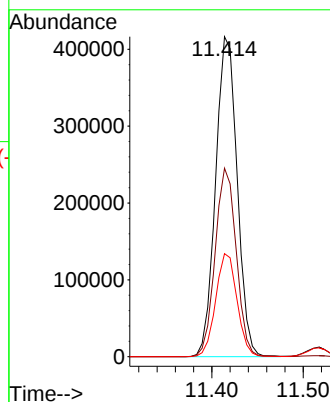
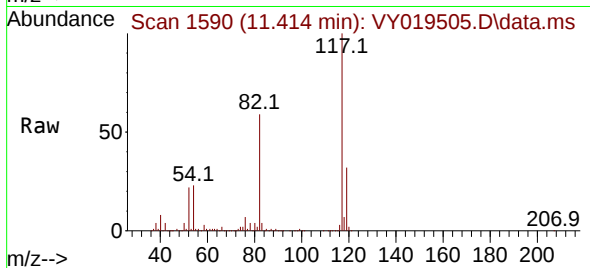
LOQ-SOIL-02-QT3-2024

Tgt Ion:	117	Resp:	68358
Ion	Ratio	Lower	Upper
117	100		
82	58.9	42.4	63.6
119	32.2	25.9	38.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#64

Tetrachloroethene

Concen: 5.103 ug/l

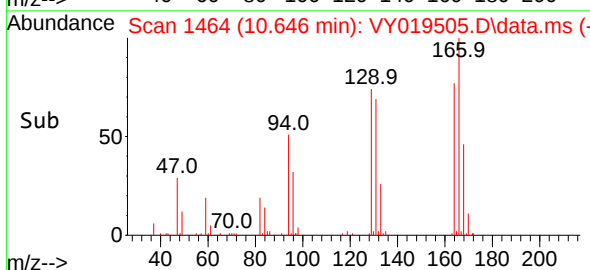
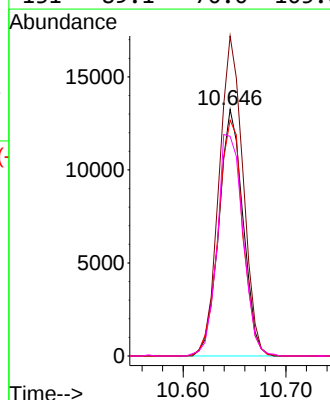
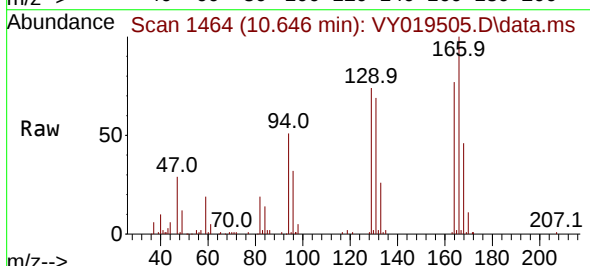
RT: 10.646 min Scan# 1464

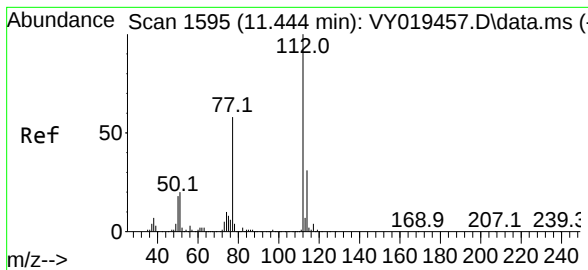
Delta R.T. -0.006 min

Lab File: VY019505.D

Acq: 11 Sep 2024 12:38

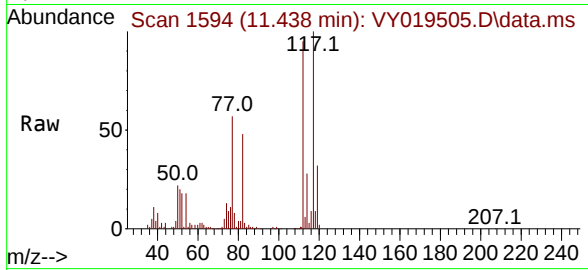
Tgt Ion:	164	Resp:	21601
Ion	Ratio	Lower	Upper
164	100		
166	129.8	102.6	154.0
129	95.7	72.0	108.0
131	89.1	70.0	105.0





#65
Chlorobenzene
Concen: 5.731 ug/l
RT: 11.438 min Scan# 111
Delta R.T. -0.006 min
Lab File: VY019505.D
Acq: 11 Sep 2024 12:38

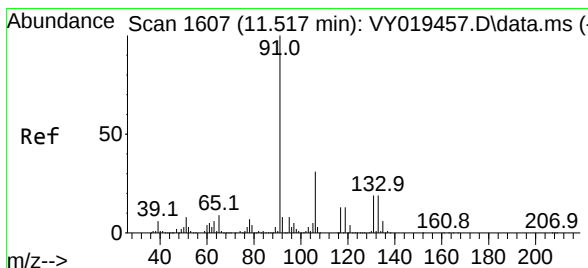
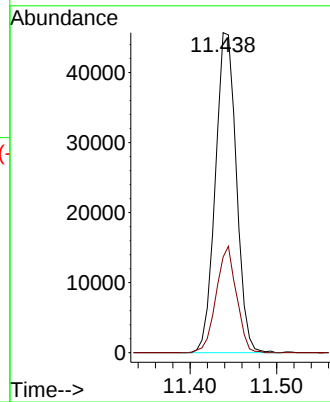
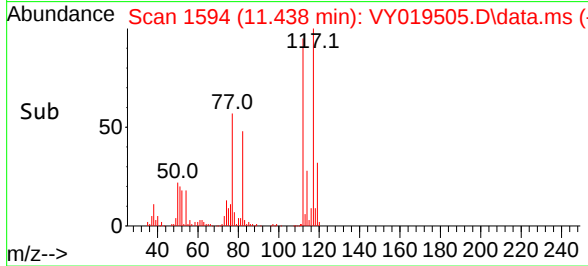
Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT3-2024



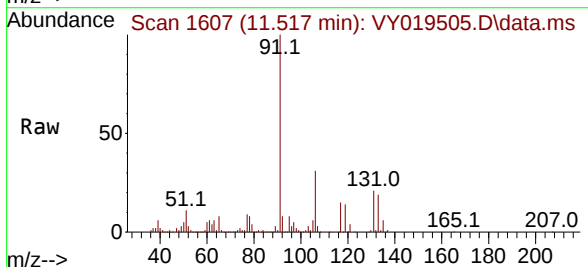
Tgt Ion:112 Resp: 77065
Ion Ratio Lower Upper
112 100
114 29.9 26.4 39.6

Manual Integrations
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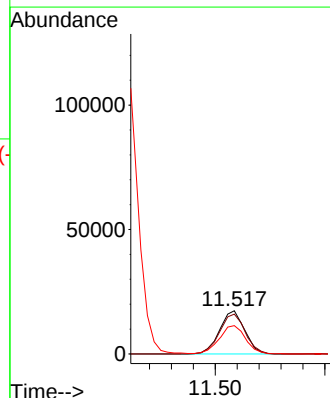
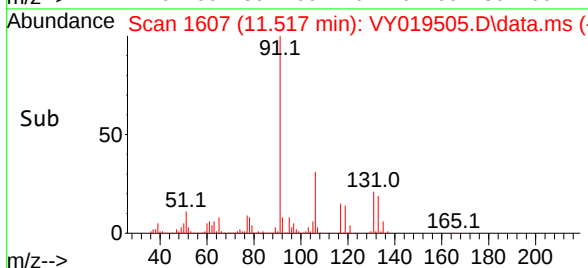
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 5.918 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY019505.D
Acq: 11 Sep 2024 12:38



Tgt Ion:131 Resp: 27553
Ion Ratio Lower Upper
131 100
133 95.4 47.8 143.3
119 69.4 34.1 102.2





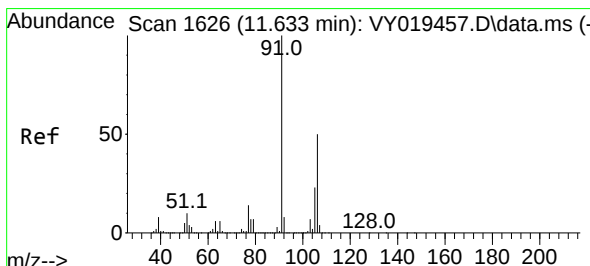
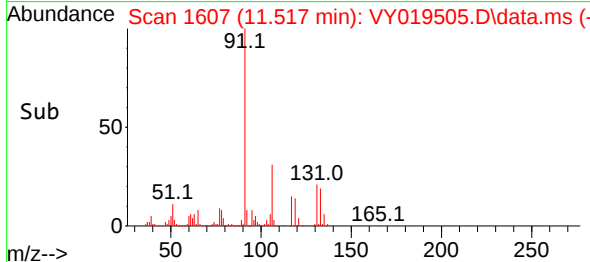
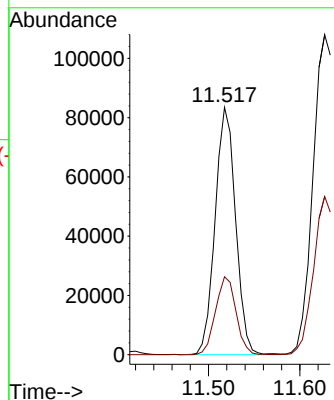
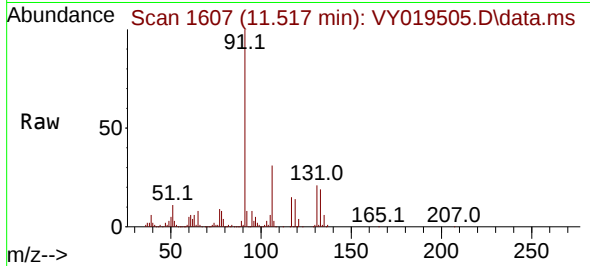
#67
Ethyl Benzene
Concen: 5.438 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.006 min
Lab File: VY019505.D
Acq: 11 Sep 2024 12:38

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2024

Tgt Ion: 91 Resp: 12992
Ion Ratio Lower Upper
91 100
106 31.5 24.5 36.7

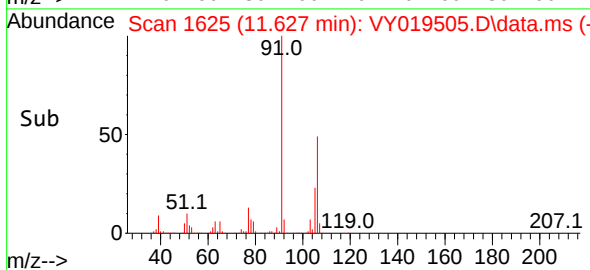
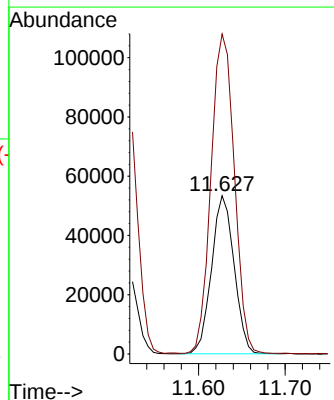
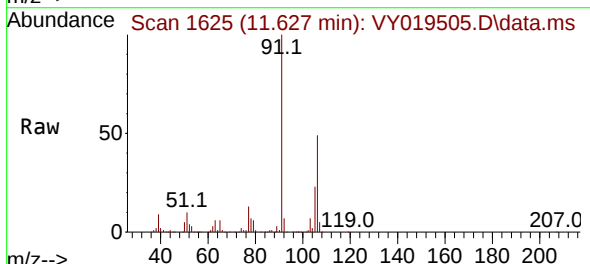
Manual Integrations
APPROVED

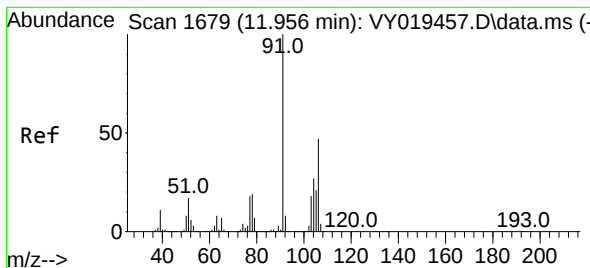
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#68
m/p-Xylenes
Concen: 10.697 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.006 min
Lab File: VY019505.D
Acq: 11 Sep 2024 12:38

Tgt Ion:106 Resp: 96637
Ion Ratio Lower Upper
106 100
91 208.9 156.0 234.0





#69

o-Xylene

Concen: 5.562 ug/l

RT: 11.956 min Scan# 1679

Delta R.T. 0.000 min

Lab File: VY019505.D

Acq: 11 Sep 2024 12:38

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT3-2024

Tgt Ion:106 Resp: 4914

Ion Ratio Lower Upper

106 100

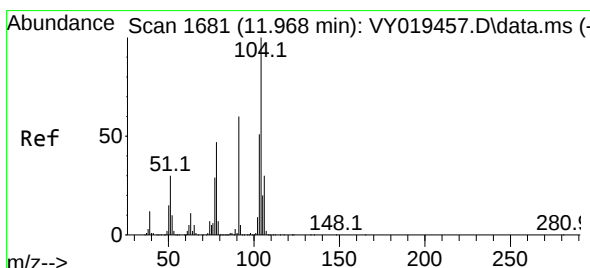
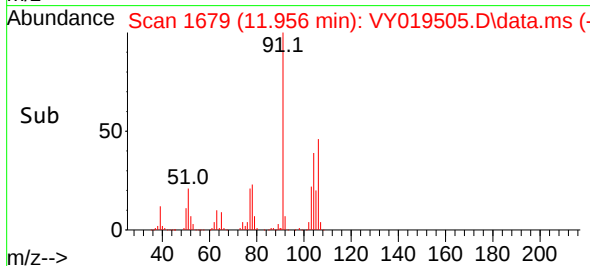
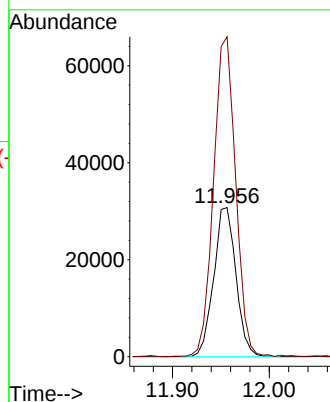
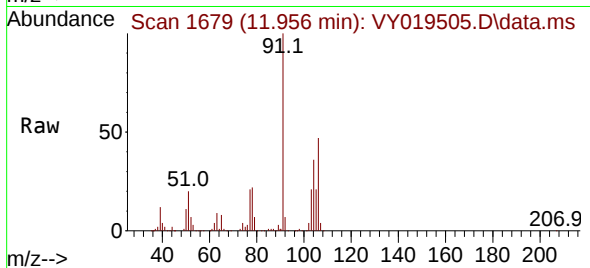
91 212.9 103.6 310.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/12/2024

Supervised By :Semsettin Yesilyurt 09/12/2024



#70

Styrene

Concen: 5.592 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY019505.D

Acq: 11 Sep 2024 12:38

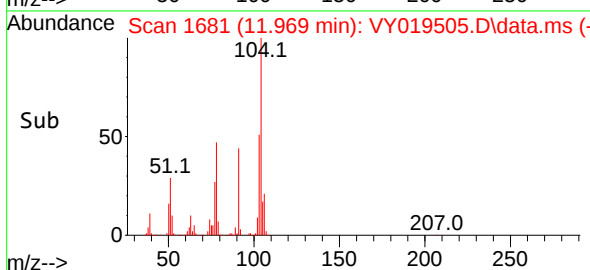
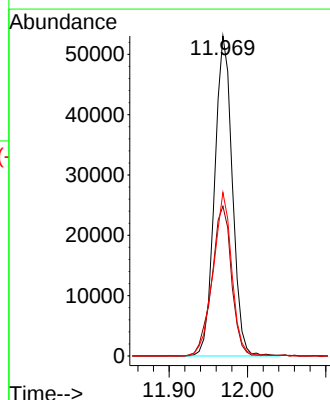
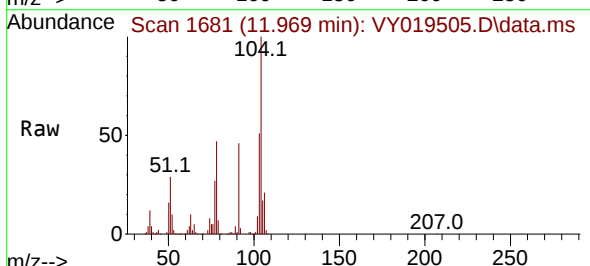
Tgt Ion:104 Resp: 83417

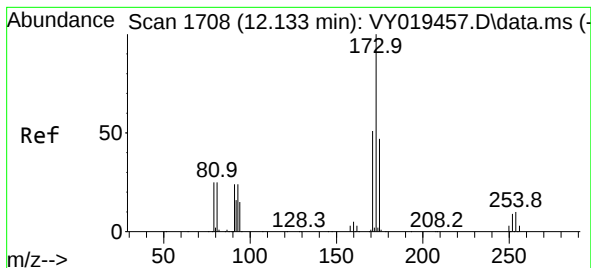
Ion Ratio Lower Upper

104 100

78 52.2 37.0 55.4

103 53.7 44.2 66.2





#71

Bromoform

Concen: 5.941 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. 0.000 min

Lab File: VY019505.D

Acq: 11 Sep 2024 12:38

Instrument :

MSVOA_Y

ClientSampleId :

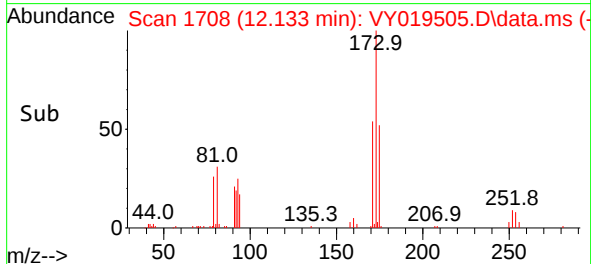
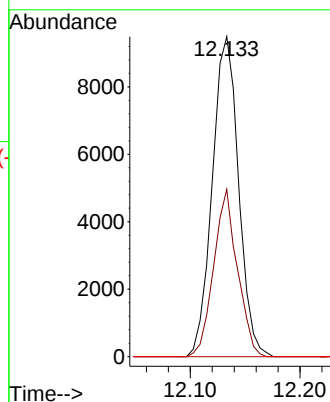
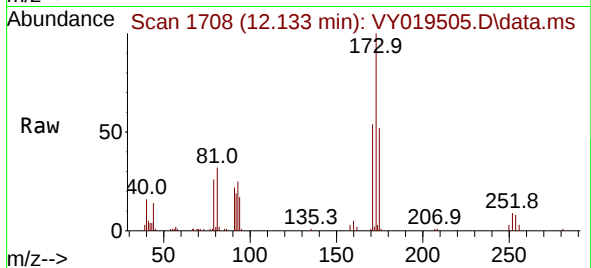
LOQ-SOIL-02-QT3-2024

Tgt Ion:173	Resp:	15799
Ion Ratio	Lower	Upper
173	100	
175	47.2	25.1 75.3
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

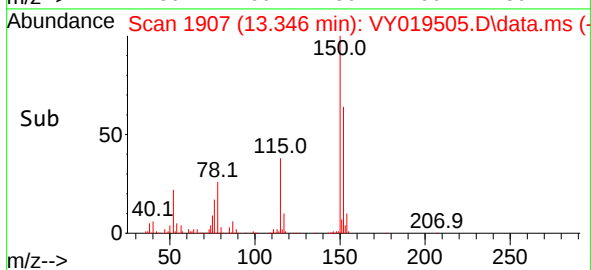
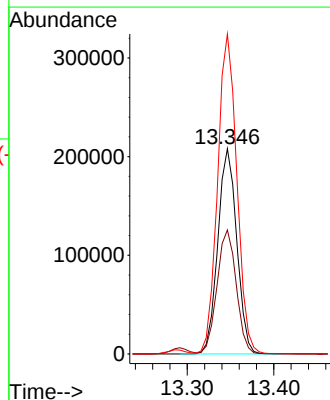
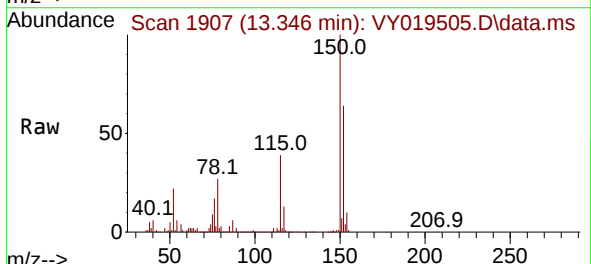
RT: 13.346 min Scan# 1907

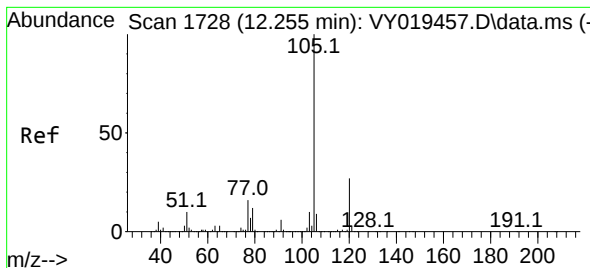
Delta R.T. 0.000 min

Lab File: VY019505.D

Acq: 11 Sep 2024 12:38

Tgt Ion:152	Resp:	315903
Ion Ratio	Lower	Upper
152	100	
115	61.5	28.2 84.7
150	158.2	0.0 345.6





#73

Isopropylbenzene

Concen: 5.765 ug/l

RT: 12.255 min Scan# 1728

Delta R.T. 0.000 min

Lab File: VY019505.D

Acq: 11 Sep 2024 12:38

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT3-2024

Tgt Ion:105 Resp: 13211

Ion Ratio Lower Upper

105 100

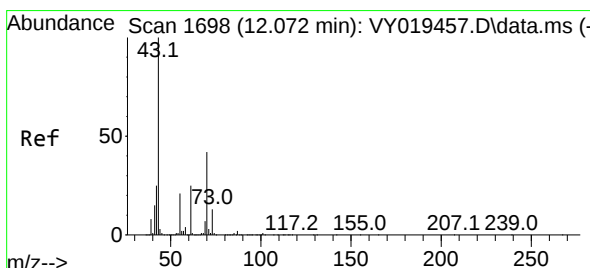
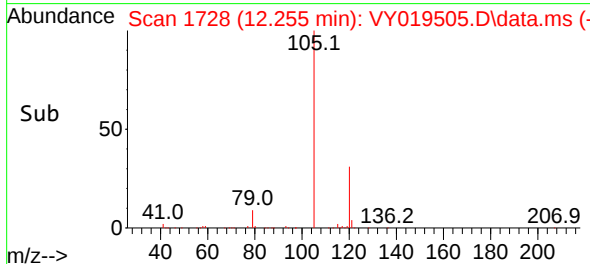
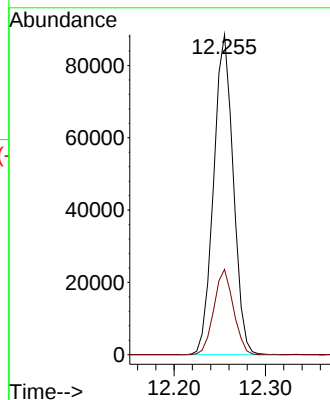
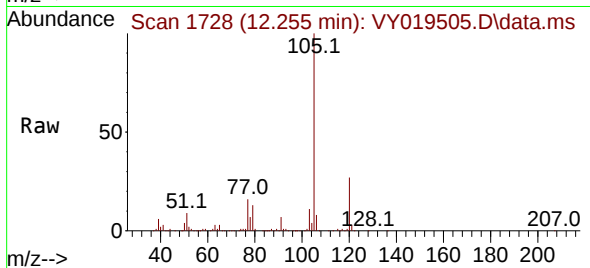
120 26.5 13.4 40.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/12/2024

Supervised By :Semsettin Yesilyurt 09/12/2024



#74

N-ethyl acetate

Concen: 5.905 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY019505.D

Acq: 11 Sep 2024 12:38

Tgt Ion: 43 Resp: 36803

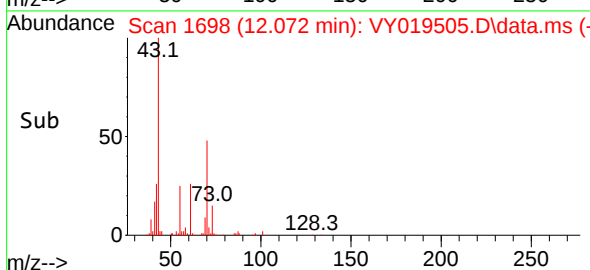
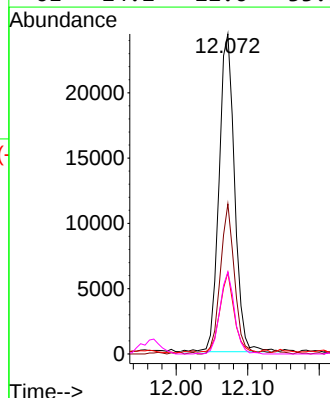
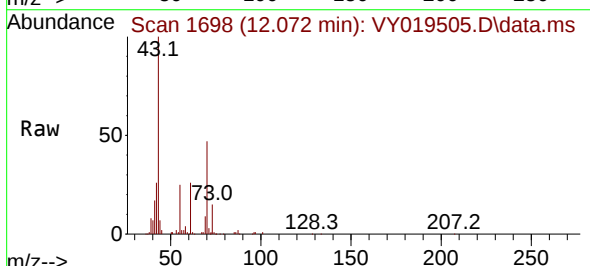
Ion Ratio Lower Upper

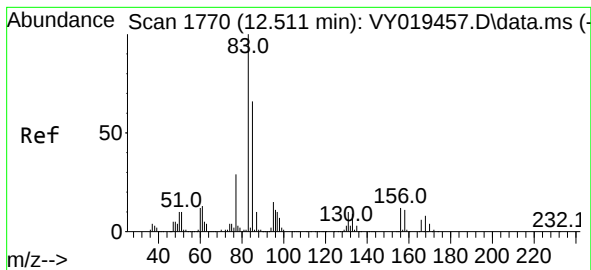
43 100

70 43.0 41.4 62.2

55 23.1 23.3 34.9#

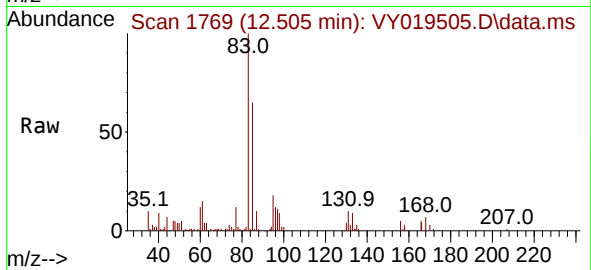
61 24.2 22.6 33.8





#75
1,1,2,2-Tetrachloroethane
Concen: 6.548 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY019505.D
Acq: 11 Sep 2024 12:38

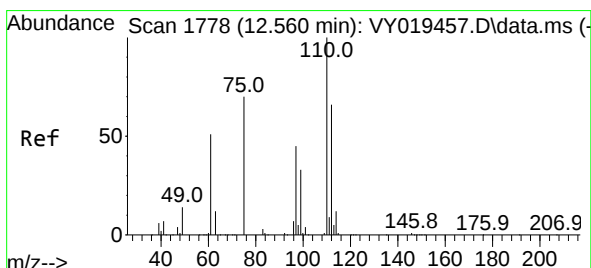
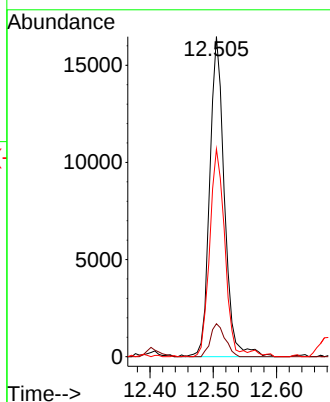
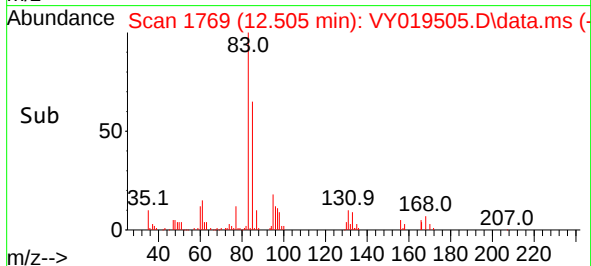
Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT3-2024



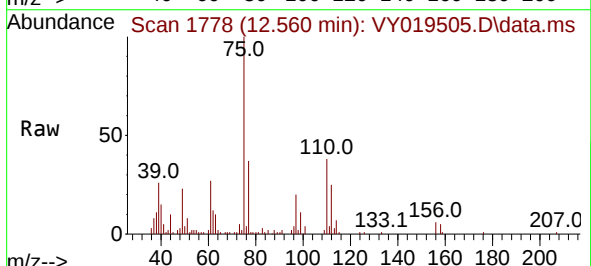
Tgt Ion: 83 Resp: 2663
Ion Ratio Lower Upper
83 100
131 10.3 5.0 14.9
85 66.3 32.0 96.0

Manual Integrations
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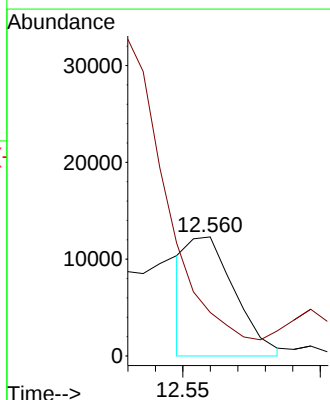
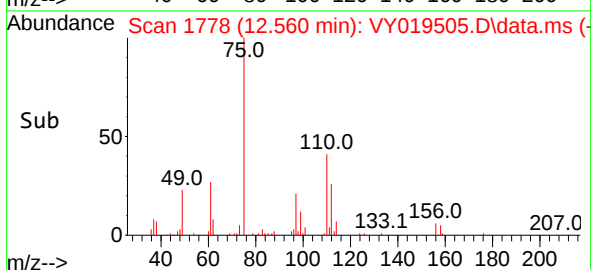
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024

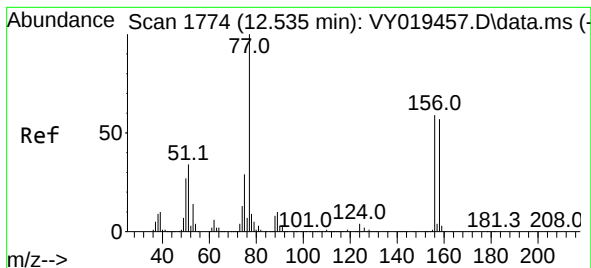


#76
1,2,3-Trichloropropane
Concen: 4.987 ug/l m
RT: 12.560 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VY019505.D
Acq: 11 Sep 2024 12:38



Tgt Ion: 75 Resp: 14765
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 5.705 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY019505.D

Acq: 11 Sep 2024 12:38

Instrument :

MSVOA_Y

ClientSampleId :

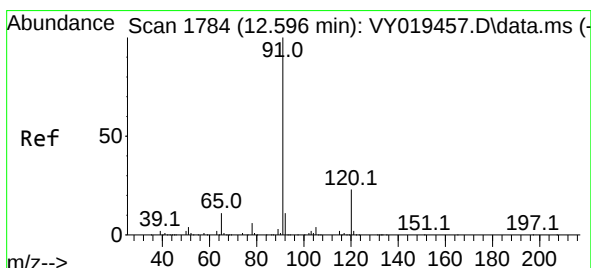
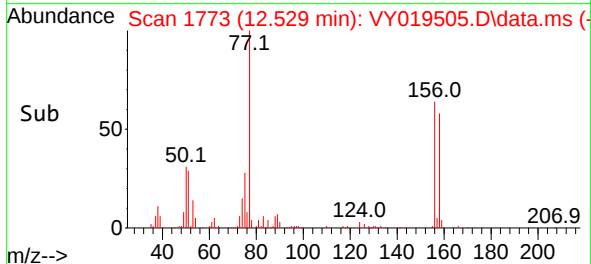
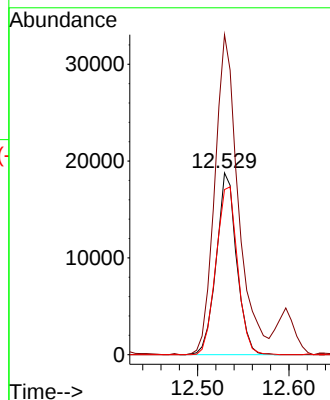
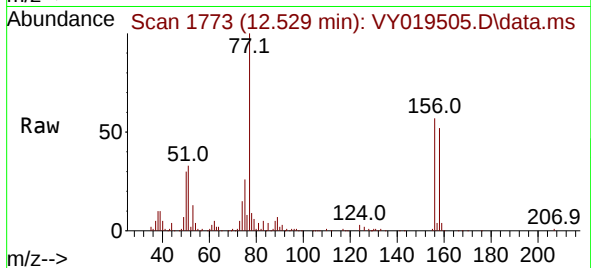
LOQ-SOIL-02-QT3-2024

Tgt Ion:	156	Resp:	29000
Ion Ratio	Lower	Upper	
156	100		
77	203.7	87.1	261.3
158	98.2	48.6	145.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#78

n-propylbenzene

Concen: 5.738 ug/l

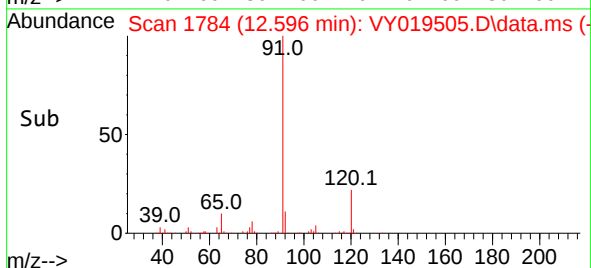
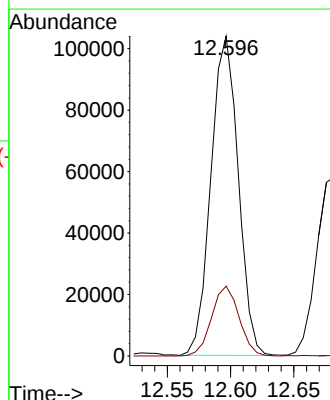
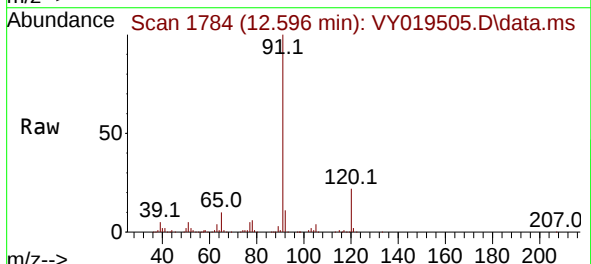
RT: 12.596 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY019505.D

Acq: 11 Sep 2024 12:38

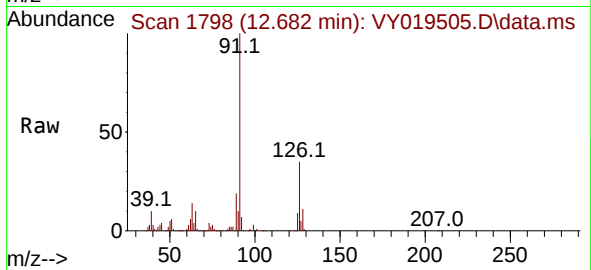
Tgt Ion:	91	Resp:	155861
Ion Ratio	Lower	Upper	
91	100		
120	21.9	11.5	34.4





#79
2-Chlorotoluene
Concen: 5.769 ug/l
RT: 12.682 min Scan# 1798
Delta R.T. 0.000 min
Lab File: VY019505.D
Acq: 11 Sep 2024 12:38

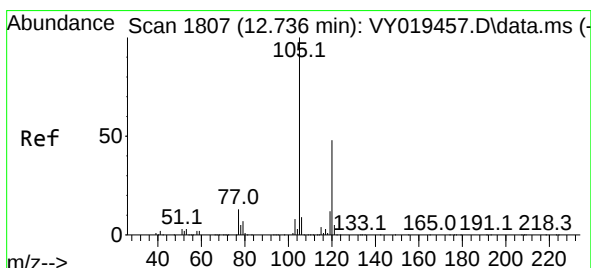
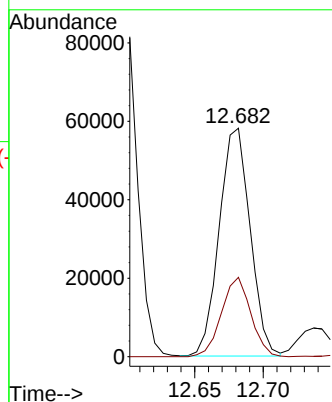
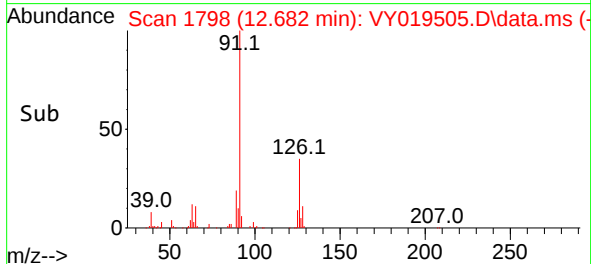
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT3-2024



Tgt Ion: 91 Resp: 91338
Ion Ratio Lower Upper
91 100
126 32.9 17.8 53.5

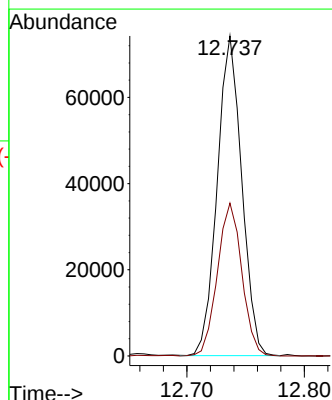
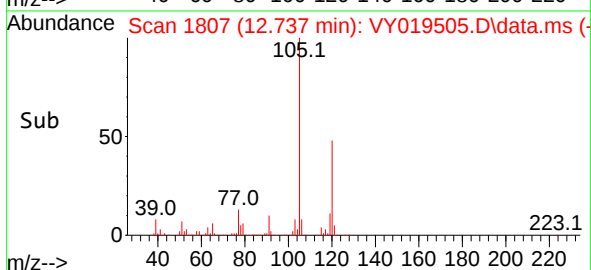
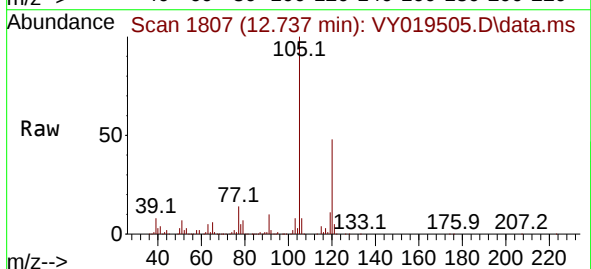
Manual Integrations
APPROVED

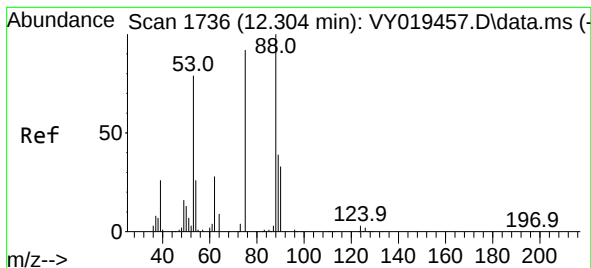
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#80
1,3,5-Trimethylbenzene
Concen: 5.766 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY019505.D
Acq: 11 Sep 2024 12:38

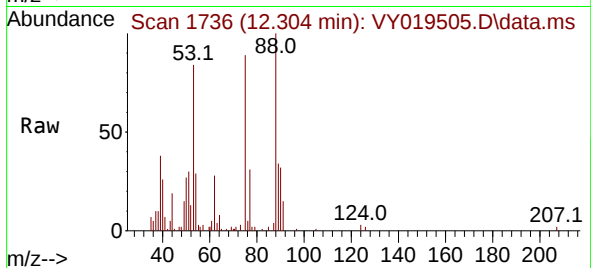
Tgt Ion:105 Resp: 107427
Ion Ratio Lower Upper
105 100
120 47.7 25.1 75.2





#81
trans-1,4-Dichloro-2-butene
Concen: 5.965 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY019505.D
Acq: 11 Sep 2024 12:38

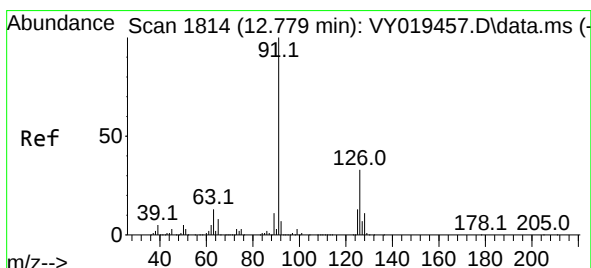
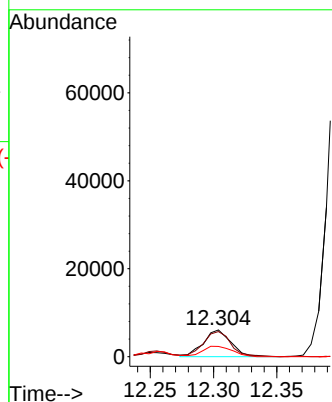
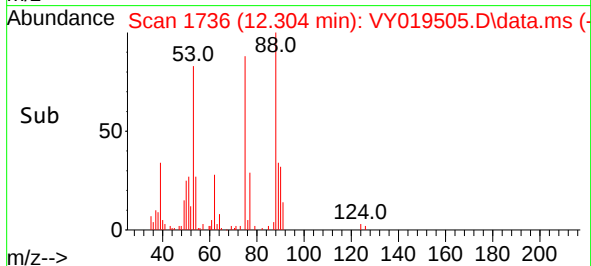
Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT3-2024



Tgt Ion: 75 Resp: 920
Ion Ratio Lower Upper
75 100
53 94.6 66.8 100.2
89 41.4 35.8 53.6

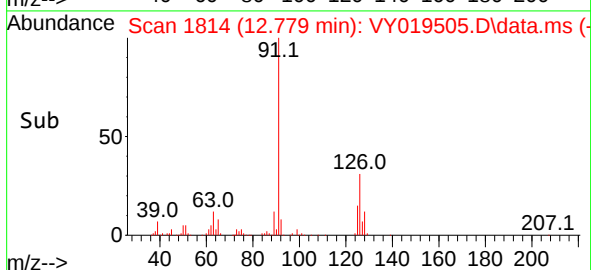
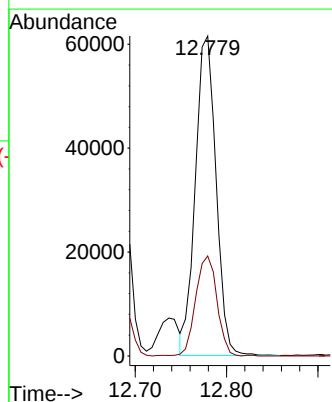
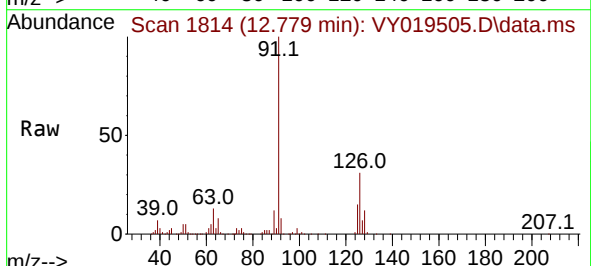
Manual Integrations
APPROVED

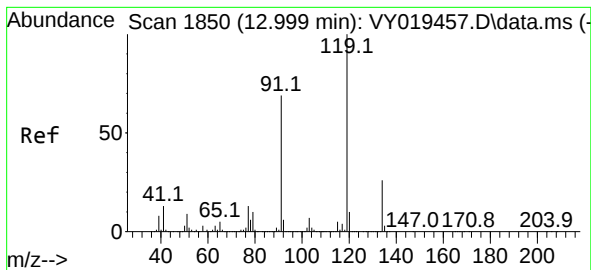
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#82
4-Chlorotoluene
Concen: 5.940 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY019505.D
Acq: 11 Sep 2024 12:38

Tgt Ion: 91 Resp: 96675
Ion Ratio Lower Upper
91 100
126 32.3 17.6 52.9





#83

tert-Butylbenzene

Concen: 5.987 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.000 min

Lab File: VY019505.D

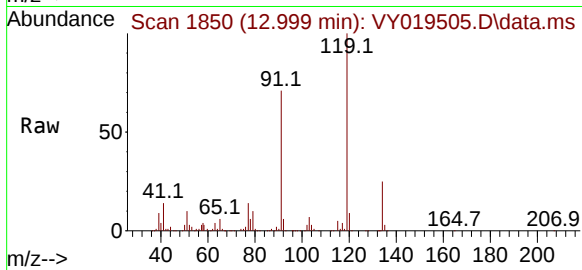
Acq: 11 Sep 2024 12:38

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT3-2024

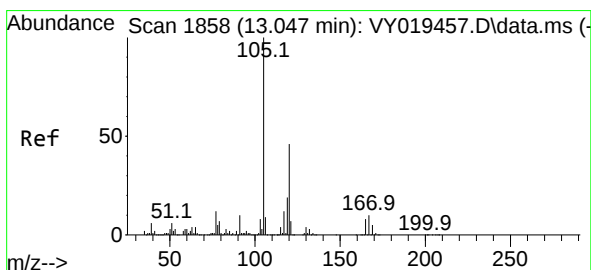
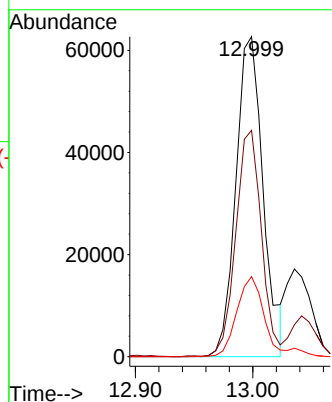
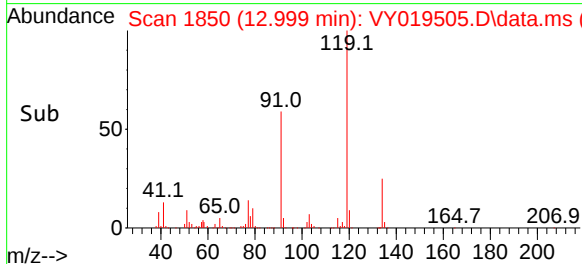


Tgt Ion:	119	Resp:	100984
Ion Ratio	Lower	Upper	
119	100		
91	66.7	31.3	93.8
134	26.1	13.4	40.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#84

1,2,4-Trimethylbenzene

Concen: 5.823 ug/l

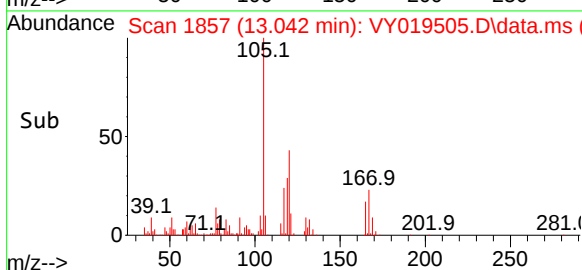
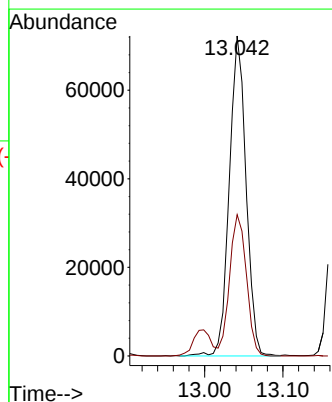
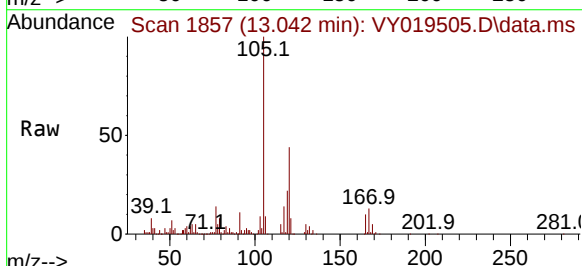
RT: 13.042 min Scan# 1857

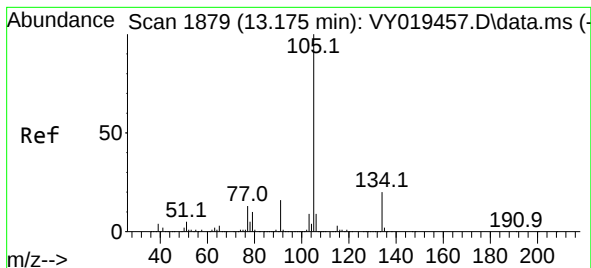
Delta R.T. -0.006 min

Lab File: VY019505.D

Acq: 11 Sep 2024 12:38

Tgt Ion:	105	Resp:	107391
Ion Ratio	Lower	Upper	
105	100		
120	44.1	23.2	69.6





#85

sec-Butylbenzene

Concen: 5.946 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY019505.D

Acq: 11 Sep 2024 12:38

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT3-2024

Tgt Ion:105 Resp: 14569

Ion Ratio Lower Upper

105 100

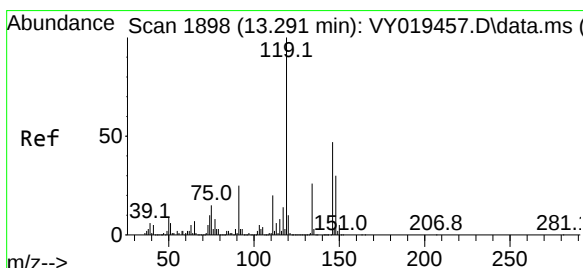
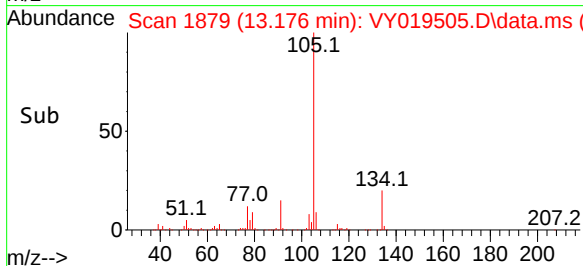
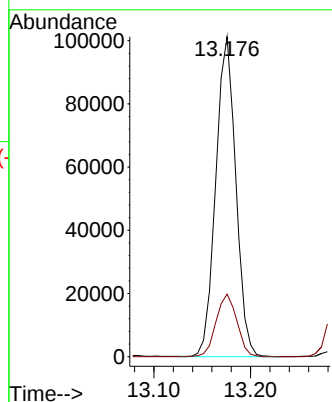
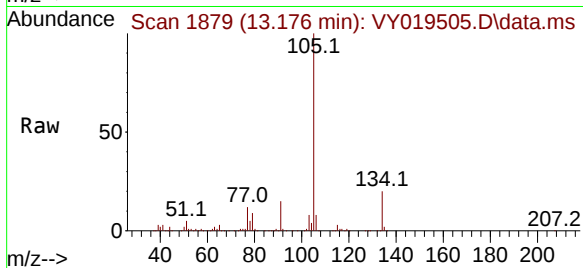
134 20.2 10.1 30.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/12/2024

Supervised By :Semsettin Yesilyurt 09/12/2024



#86

p-Isopropyltoluene

Concen: 5.889 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY019505.D

Acq: 11 Sep 2024 12:38

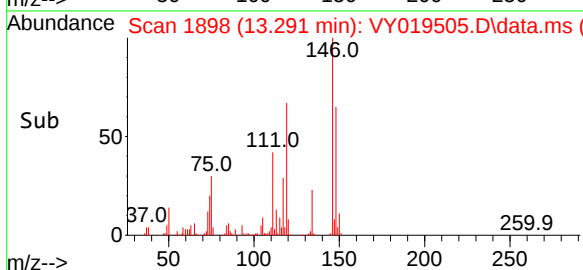
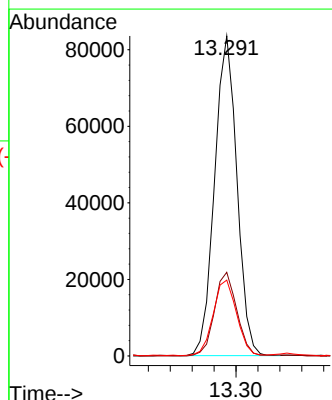
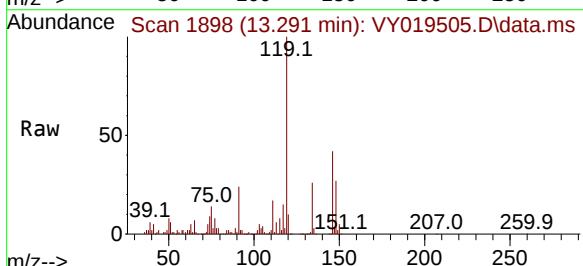
Tgt Ion:119 Resp: 118064

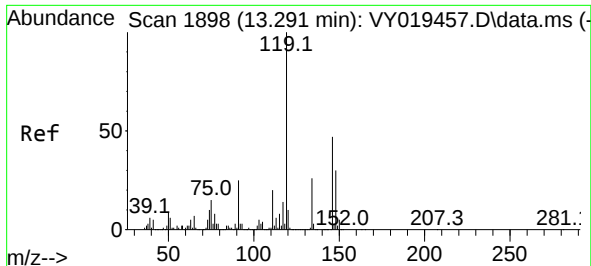
Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.3

91 24.9 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 6.118 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY019505.D

Acq: 11 Sep 2024 12:38

Instrument :

MSVOA_Y

ClientSampleId :

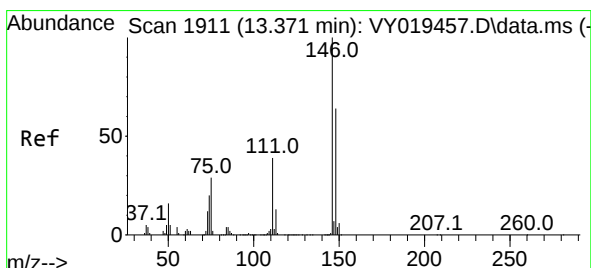
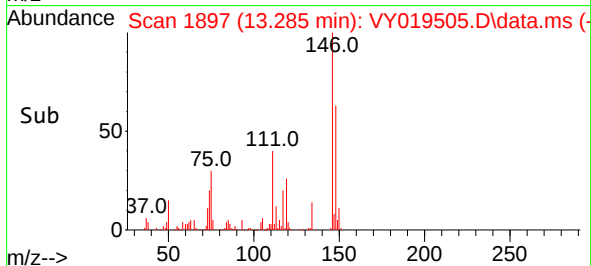
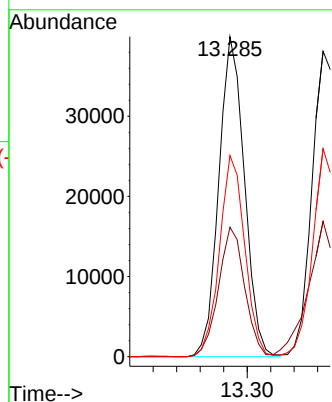
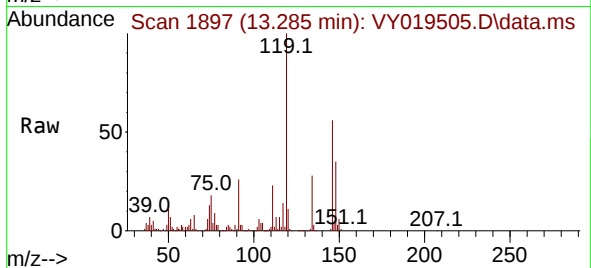
LOQ-SOIL-02-QT3-2024

Tgt Ion:146	Resp:	6042
Ion Ratio	Lower	Upper
146	100	
111	41.4	19.0 57.0
148	62.0	31.7 95.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#88

1,4-Dichlorobenzene

Concen: 5.956 ug/l

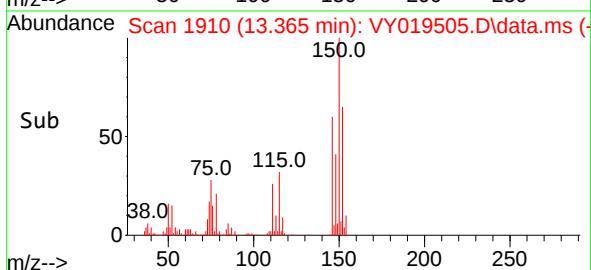
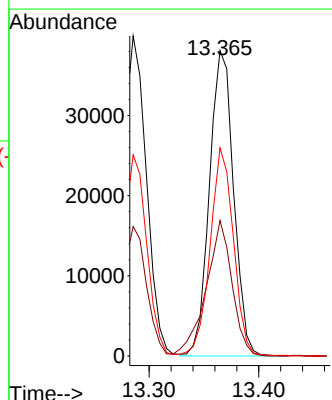
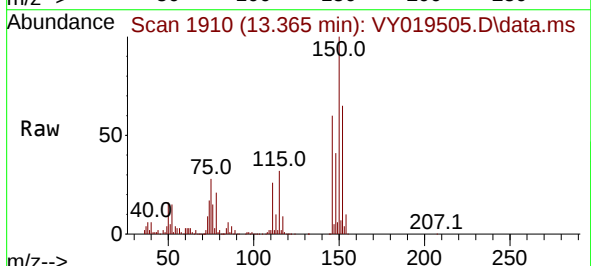
RT: 13.365 min Scan# 1910

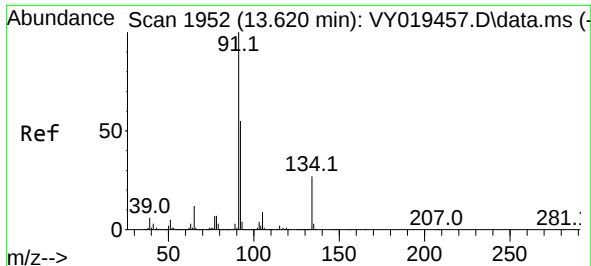
Delta R.T. -0.006 min

Lab File: VY019505.D

Acq: 11 Sep 2024 12:38

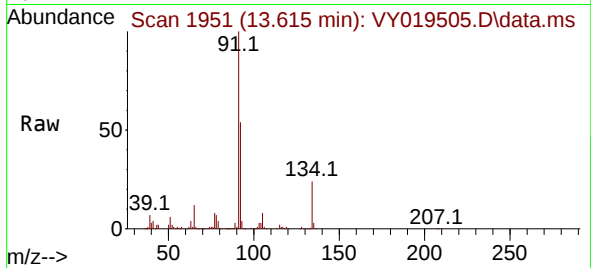
Tgt Ion:146	Resp:	58378
Ion Ratio	Lower	Upper
146	100	
111	47.5	18.4 55.4
148	66.1	32.4 97.2





#89
n-Butylbenzene
Concen: 5.804 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.006 min
Lab File: VY019505.D
Acq: 11 Sep 2024 12:38

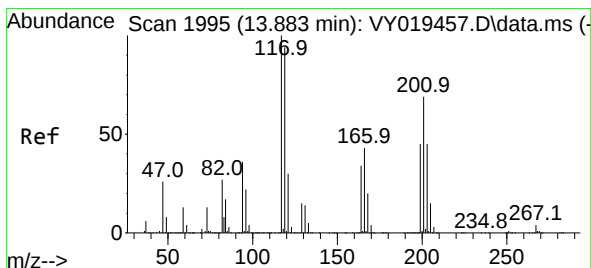
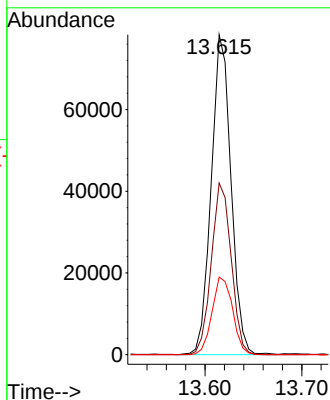
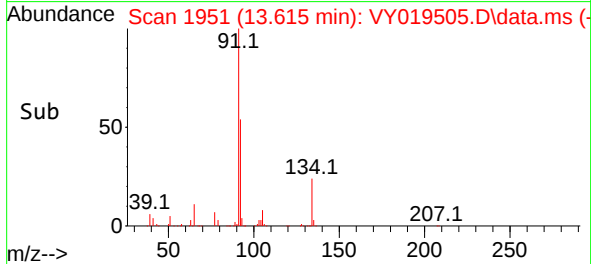
Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT3-2024



Tgt Ion: 91 Resp: 111239
Ion Ratio Lower Upper
91 100
92 53.9 26.6 79.7
134 25.2 12.9 38.7

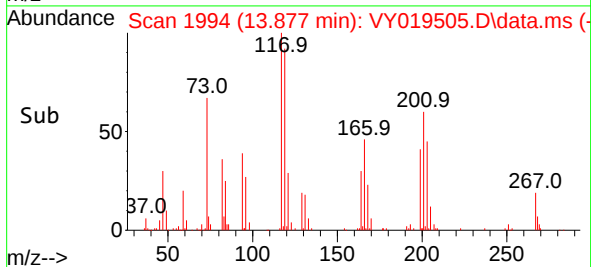
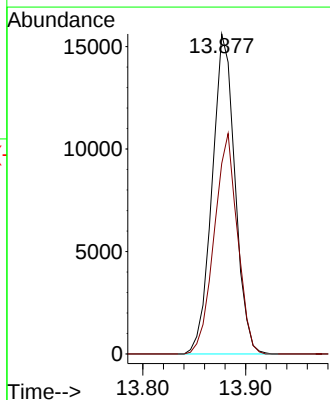
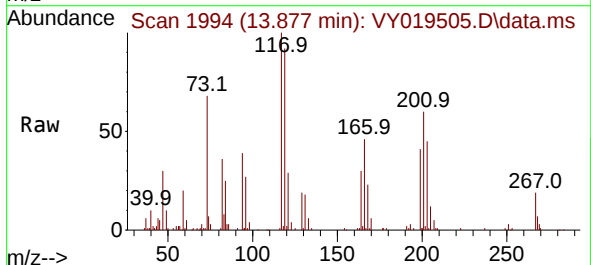
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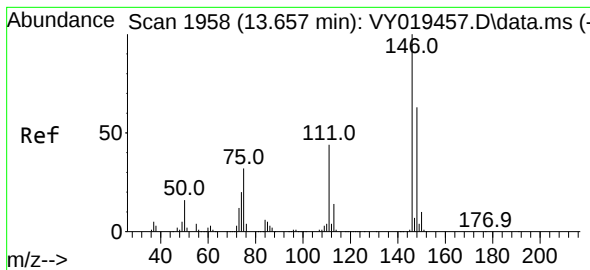
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#90
Hexachloroethane
Concen: 5.773 ug/l
RT: 13.877 min Scan# 1994
Delta R.T. -0.006 min
Lab File: VY019505.D
Acq: 11 Sep 2024 12:38

Tgt Ion:117 Resp: 24079
Ion Ratio Lower Upper
117 100
201 70.2 37.4 112.2





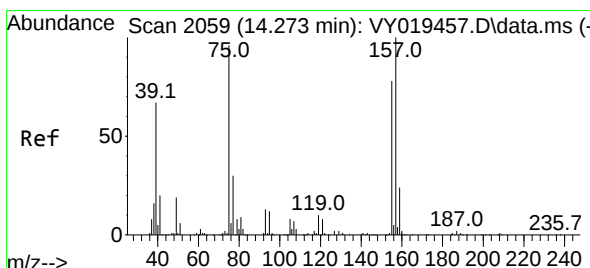
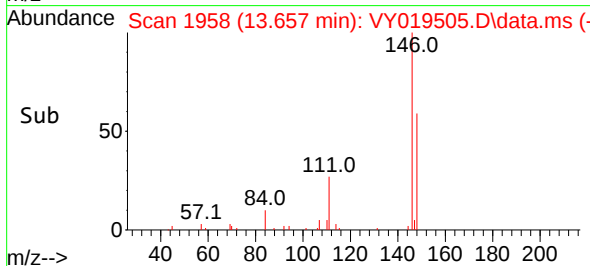
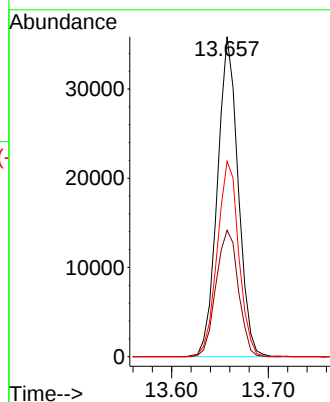
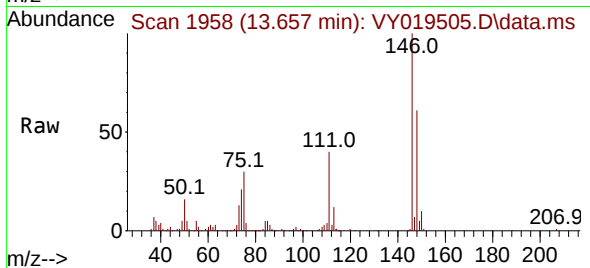
#91
1,2-Dichlorobenzene
Concen: 6.049 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY019505.D
Acq: 11 Sep 2024 12:38

Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT3-2024

Tgt Ion:146 Resp: 5331
Ion Ratio Lower Upper
146 100
111 42.4 19.9 59.7
148 63.5 31.8 95.4

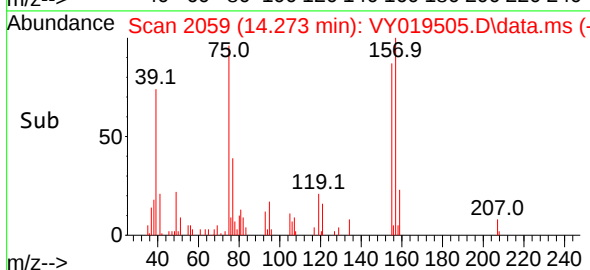
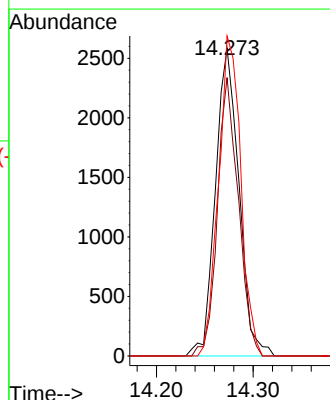
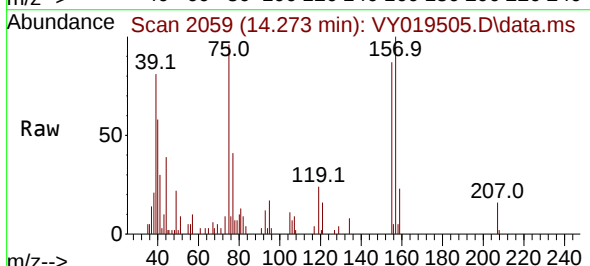
Manual Integrations
APPROVED

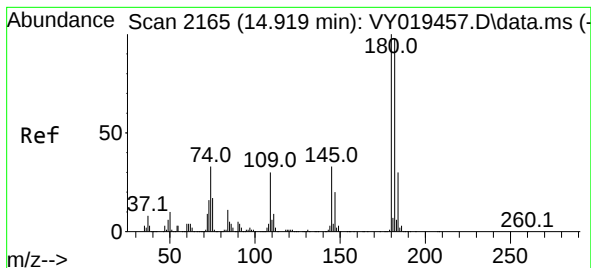
Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 6.439 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY019505.D
Acq: 11 Sep 2024 12:38

Tgt Ion: 75 Resp: 4365
Ion Ratio Lower Upper
75 100
155 80.4 48.6 145.8
157 98.1 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 5.379 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY019505.D

Acq: 11 Sep 2024 12:38

Instrument :

MSVOA_Y

ClientSampleId :

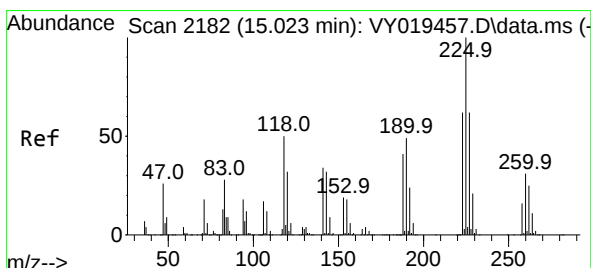
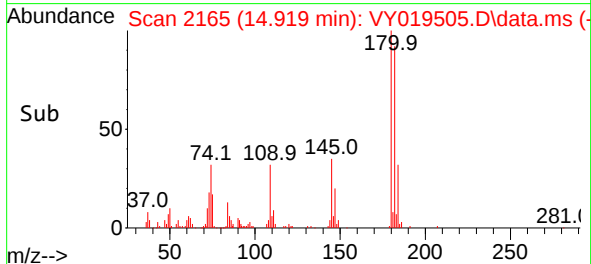
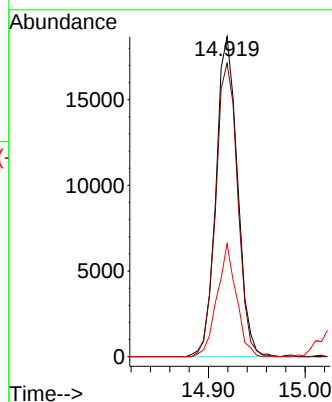
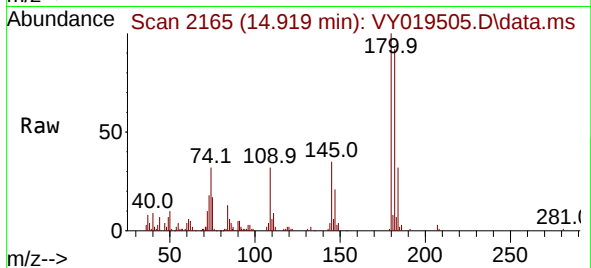
LOQ-SOIL-02-QT3-2024

Tgt Ion:180	Resp: 28830
Ion Ratio	Lower Upper
180 100	
182 93.4	47.9 143.8
145 31.7	14.2 42.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#94

Hexachlorobutadiene

Concen: 5.606 ug/l

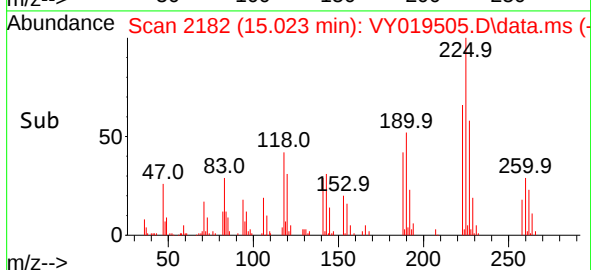
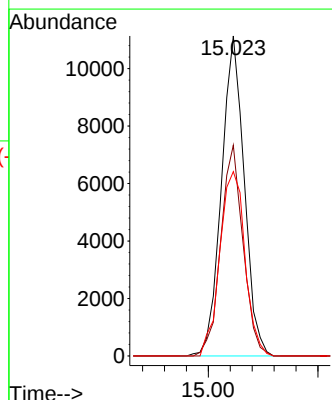
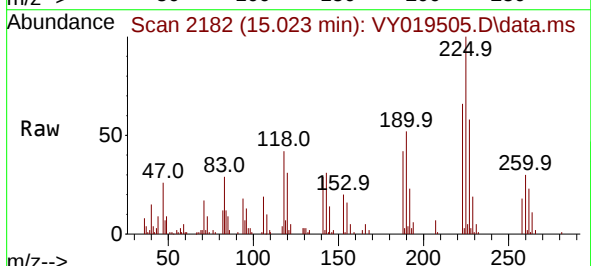
RT: 15.023 min Scan# 2182

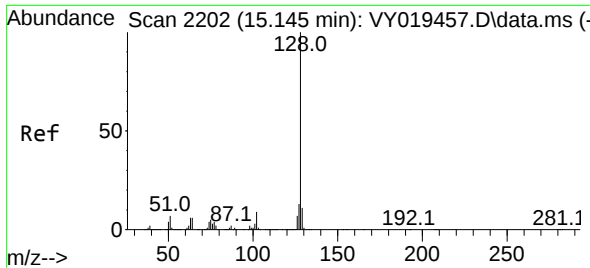
Delta R.T. 0.000 min

Lab File: VY019505.D

Acq: 11 Sep 2024 12:38

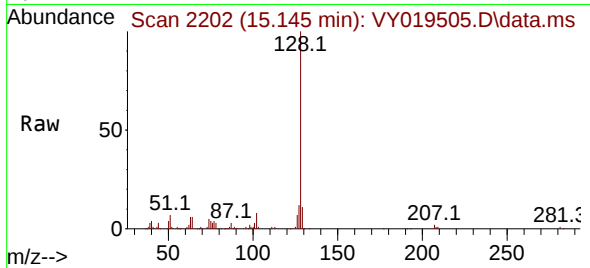
Tgt Ion:225	Resp: 16055
Ion Ratio	Lower Upper
225 100	
223 64.5	30.4 91.2
227 63.7	31.9 95.9





#95
Naphthalene
Concen: 5.638 ug/l
RT: 15.145 min Scan# 2202
Delta R.T. 0.000 min
Lab File: VY019505.D
Acq: 11 Sep 2024 12:38

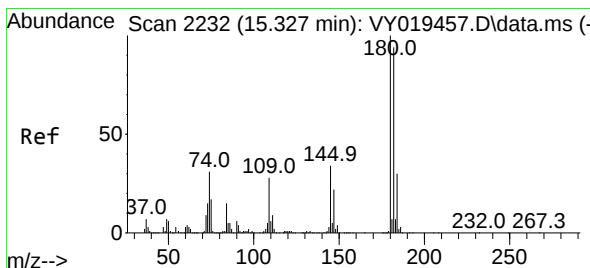
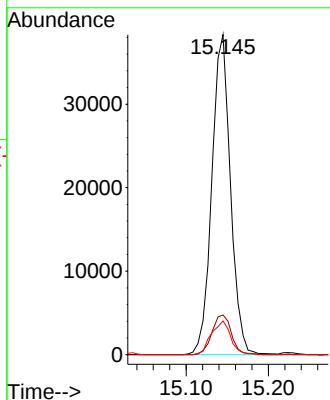
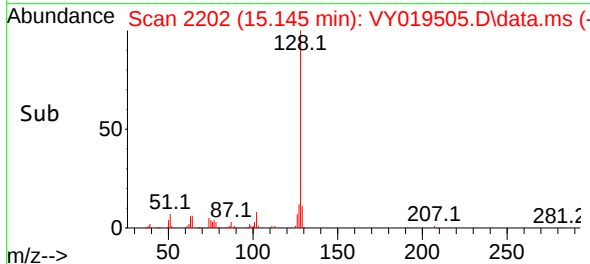
Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT3-2024



Tgt Ion:128 Resp: 60520
Ion Ratio Lower Upper
128 100
127 12.9 10.6 16.0
129 11.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 09/12/2024
Supervised By :Semsettin Yesilyurt 09/12/2024



#96
1,2,3-Trichlorobenzene
Concen: 5.469 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. 0.000 min
Lab File: VY019505.D
Acq: 11 Sep 2024 12:38

Tgt Ion:180 Resp: 25074
Ion Ratio Lower Upper
180 100
182 95.6 47.6 142.9
145 33.7 15.4 46.1

