

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081424\
 Data File : VD079734.D
 Acq On : 14 Aug 2024 14:10
 Operator : RP/MD
 Sample : P3390-02
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Aug 15 01:58:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081224S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 15 01:40:05 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 08/15/2024
 Supervised By :Semsettin Yesilyurt 08/15/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	145846	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	299861	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	268937	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	122483	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	94995	56.615	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.220%			
35) Dibromofluoromethane	7.805	113	94296	51.010	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.020%			
50) Toluene-d8	10.269	98	385410	49.883	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.760%			
62) 4-Bromofluorobenzene	12.569	95	104062	48.103	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 96.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	8662	6.051	ug/l	97
3) Chloromethane	2.146	50	18617	6.609	ug/l	98
4) Vinyl Chloride	2.281	62	21856	6.564	ug/l	97
5) Bromomethane	2.687	94	15265	6.735	ug/l	97
6) Chloroethane	2.834	64	14258	6.273	ug/l	100
7) Trichlorofluoromethane	3.164	101	17148	5.758	ug/l	94
8) Diethyl Ether	3.587	74	5386	5.784	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.969	101	10336	5.896	ug/l	96
10) Methyl Iodide	4.164	142	9398	4.789	ug/l #	89
11) Tert butyl alcohol	5.064	59	3655	36.280	ug/l	99
12) 1,1-Dichloroethene	3.940	96	10238	5.585	ug/l	89
13) Acrolein	3.787	56	5045	25.849	ug/l	98
14) Allyl chloride	4.569	41	14541	5.288	ug/l #	89
15) Acrylonitrile	5.258	53	12180	28.412	ug/l	96
16) Acetone	4.028	43	9348	24.927	ug/l	92
17) Carbon Disulfide	4.264	76	35664	5.488	ug/l	96
18) Methyl Acetate	4.558	43	6300	5.507	ug/l #	83
19) Methyl tert-butyl Ether	5.322	73	20502	5.447	ug/l	98
20) Methylene Chloride	4.793	84	31352	10.667	ug/l #	86
21) trans-1,2-Dichloroethene	5.305	96	10193	5.064	ug/l #	86
22) Diisopropyl ether	6.216	45	29507	5.208	ug/l #	84
23) Vinyl Acetate	6.158	43	107933	25.988	ug/l #	90
24) 1,1-Dichloroethane	6.105	63	21173	5.653	ug/l	93
25) 2-Butanone	7.081	43	14327	27.753	ug/l #	85
26) 2,2-Dichloropropane	7.075	77	17914	6.056	ug/l	95
27) cis-1,2-Dichloroethene	7.075	96	13562	5.809	ug/l	82
28) Bromochloromethane	7.428	49	11042	6.930	ug/l #	61
29) Tetrahydrofuran	7.440	42	8067	25.706	ug/l #	82
30) Chloroform	7.599	83	20634	5.673	ug/l	97
31) Cyclohexane	7.881	56	18600	6.065	ug/l #	79
32) 1,1,1-Trichloroethane	7.793	97	16738	5.562	ug/l	96
36) 1,1-Dichloropropene	8.005	75	13579	4.739	ug/l	95
37) Ethyl Acetate	7.169	43	6595	5.086	ug/l #	85
38) Carbon Tetrachloride	7.993	117	14429	4.961	ug/l	93
39) Methylcyclohexane	9.281	83	15258	4.505	ug/l #	82
40) Benzene	8.246	78	46588	4.999	ug/l	95

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 Supervised By :Semsettin Yesilyurt 08/15/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	3147	4.608	ug/l #	89
42) 1,2-Dichloroethane	8.322	62	11347	5.267	ug/l	98
43) Isopropyl Acetate	8.363	43	11694	5.171	ug/l #	81
44) Trichloroethene	9.028	130	10141	4.954	ug/l	80
45) 1,2-Dichloropropane	9.304	63	10396	4.532	ug/l #	88
46) Dibromomethane	9.393	93	5721	4.926	ug/l #	87
47) Bromodichloromethane	9.581	83	14936	5.102	ug/l	93
48) Methyl methacrylate	9.375	41	5074	4.878	ug/l #	84
49) 1,4-Dioxane	9.387	88	1408	120.462	ug/l	97
51) 4-Methyl-2-Pentanone	10.157	43	27991	24.057	ug/l	92
52) Toluene	10.334	92	27178	4.863	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	13406	4.899	ug/l	95
54) cis-1,3-Dichloropropene	10.016	75	15409	4.588	ug/l	94
55) 1,1,2-Trichloroethane	10.734	97	7994	5.164	ug/l	95
56) Ethyl methacrylate	10.604	69	8529	4.514	ug/l #	83
57) 1,3-Dichloropropane	10.875	76	13849	5.189	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.869	63	21495	25.461	ug/l	88
59) 2-Hexanone	10.922	43	18866	22.665	ug/l	89
60) Dibromochloromethane	11.075	129	10174	5.334	ug/l	98
61) 1,2-Dibromoethane	11.181	107	6874	5.000	ug/l	98
64) Tetrachloroethene	10.810	164	7924	4.822	ug/l	89
65) Chlorobenzene	11.604	112	29718	5.032	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.675	131	9526	4.948	ug/l	96
67) Ethyl Benzene	11.681	91	46891	4.525	ug/l	98
68) m/p-Xylenes	11.793	106	35643	8.846	ug/l	94
69) o-Xylene	12.122	106	16036	4.355	ug/l	85
70) Styrene	12.134	104	27938	4.325	ug/l	96
71) Bromoform	12.298	173	5099	5.152	ug/l #	99
73) Isopropylbenzene	12.416	105	39308	4.571	ug/l	98
74) N-amyl acetate	12.228	43	10123	5.284	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.669	83	9636	6.002	ug/l	93
76) 1,2,3-Trichloropropane	12.716	75	5844m	5.853	ug/l	
77) Bromobenzene	12.693	156	10576	5.499	ug/l	88
78) n-propylbenzene	12.763	91	51834	4.871	ug/l	98
79) 2-Chlorotoluene	12.845	91	29675	5.008	ug/l	92
80) 1,3,5-Trimethylbenzene	12.898	105	32309	4.531	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	3045	5.197	ug/l	98
82) 4-Chlorotoluene	12.945	91	31234	5.013	ug/l	94
83) tert-Butylbenzene	13.163	119	27926	4.640	ug/l	93
84) 1,2,4-Trimethylbenzene	13.210	105	31470	4.314	ug/l	100
85) sec-Butylbenzene	13.340	105	41649	4.491	ug/l	99
86) p-Isopropyltoluene	13.457	119	34969	4.489	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	18831	4.600	ug/l	90
88) 1,4-Dichlorobenzene	13.534	146	19956	4.938	ug/l	84
89) n-Butylbenzene	13.787	91	33368	4.544	ug/l	98
90) Hexachloroethane	14.045	117	8467	5.297	ug/l	89
91) 1,2-Dichlorobenzene	13.834	146	17808	5.050	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.445	75	1239	5.653	ug/l	88
93) 1,2,4-Trichlorobenzene	15.092	180	9873	4.867	ug/l	98
94) Hexachlorobutadiene	15.204	225	4861	4.765	ug/l	97
95) Naphthalene	15.328	128	20471	5.277	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.510	180	8394	4.721	ug/l	98

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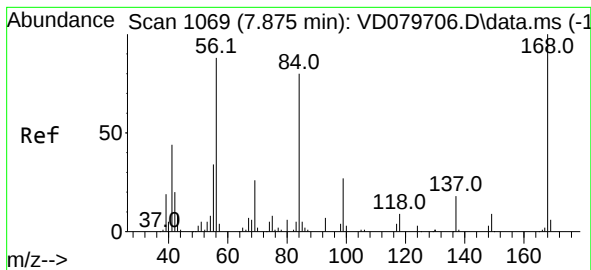
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD079734.D

Acq: 14 Aug 2024 14:10

Instrument :

MSVOA_D

ClientSampleId :

LOQ-SOIL-02-QT3-2024

Tgt Ion:168 Resp: 145840

Ion Ratio Lower Upper

168 100

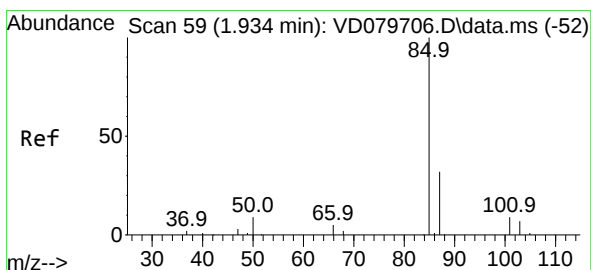
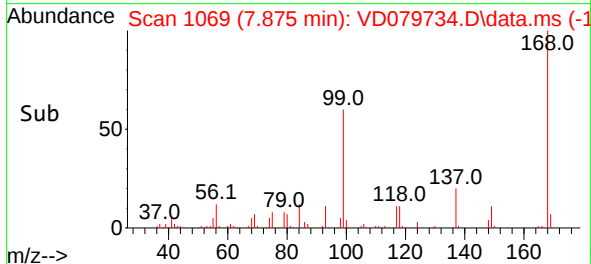
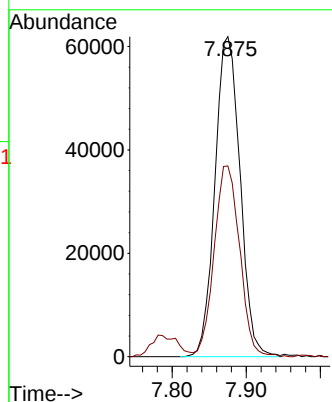
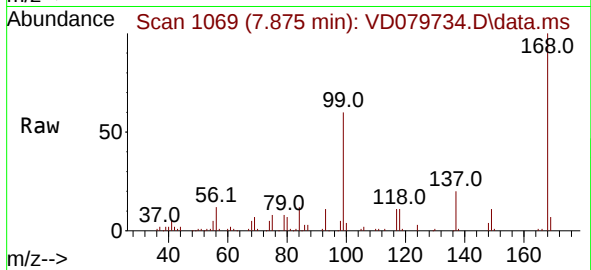
99 59.6 41.1 61.7

Manual Integrations

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Reviewed By :Mahesh Dadoda 08/15/2024

Supervised By :Semsettin Yesilyurt 08/15/2024



#2

Dichlorodifluoromethane

Concen: 6.051 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD079734.D

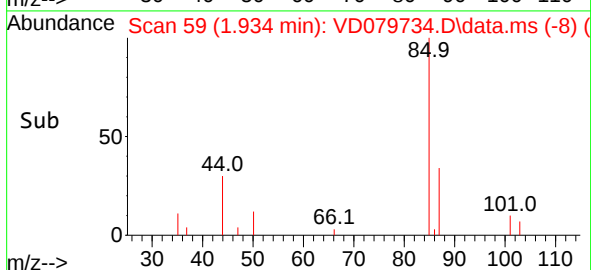
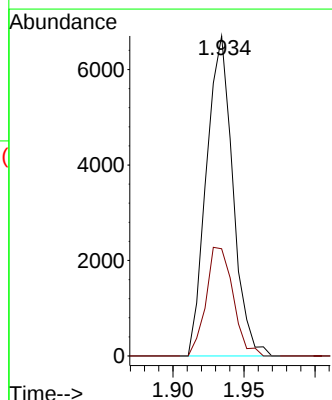
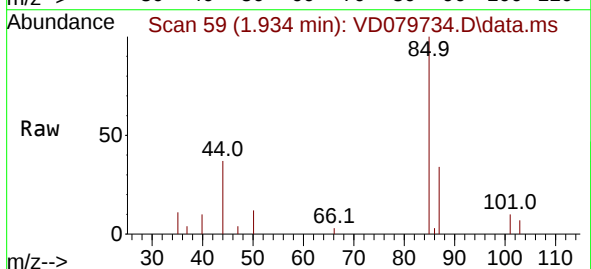
Acq: 14 Aug 2024 14:10

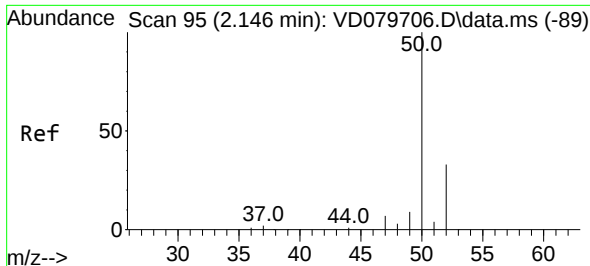
Tgt Ion: 85 Resp: 8662

Ion Ratio Lower Upper

85 100

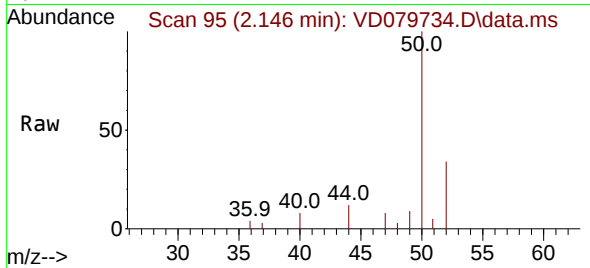
87 33.5 16.0 48.0





#3
Chloromethane
Concen: 6.609 ug/l
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD079734.D
Acq: 14 Aug 2024 14:10

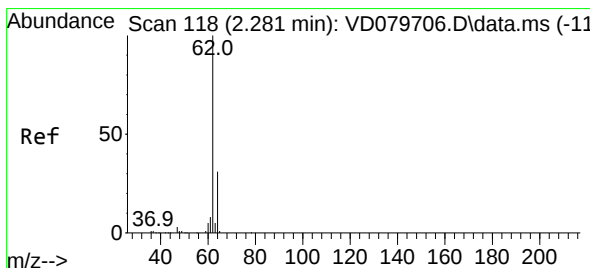
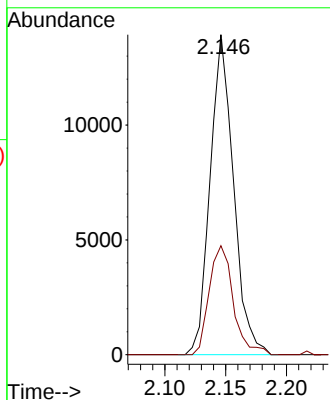
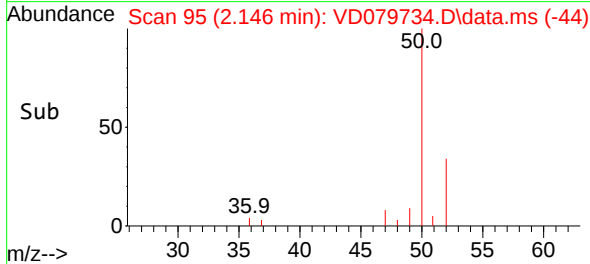
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2024



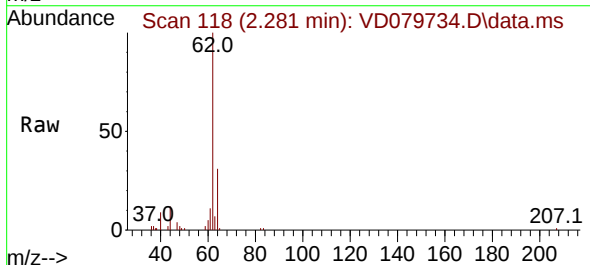
Tgt Ion: 50 Resp: 1861
Ion Ratio Lower Upper
50 100
52 34.1 28.2 42.2

Manual Integrations
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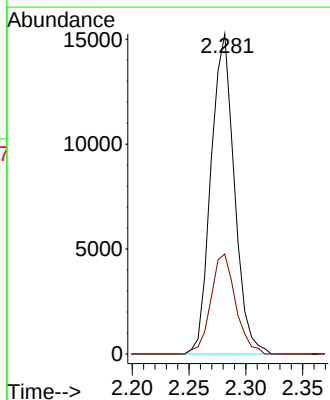
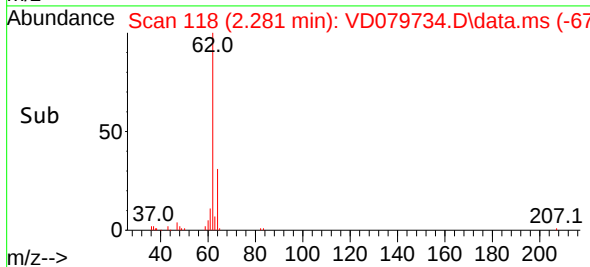
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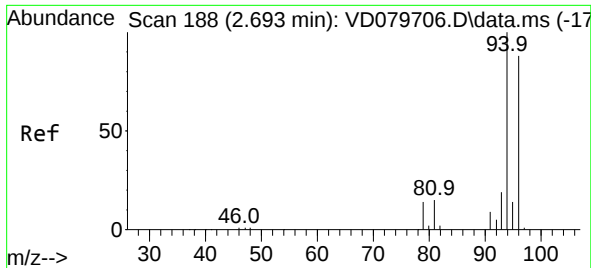


#4
Vinyl Chloride
Concen: 6.564 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.000 min
Lab File: VD079734.D
Acq: 14 Aug 2024 14:10



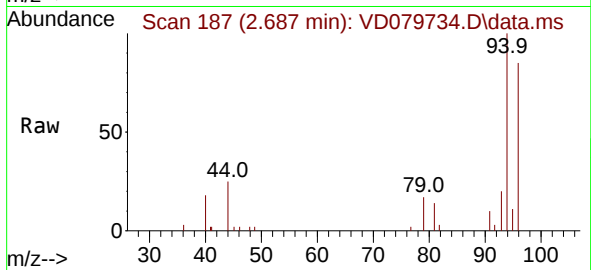
Tgt Ion: 62 Resp: 21856
Ion Ratio Lower Upper
62 100
64 31.2 26.3 39.5





#5
Bromomethane
Concen: 6.735 ug/l
RT: 2.687 min Scan# 187
Delta R.T. -0.006 min
Lab File: VD079734.D
Acq: 14 Aug 2024 14:10

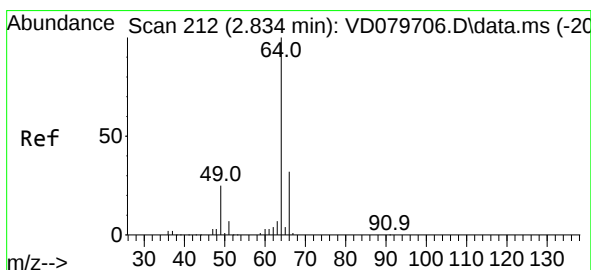
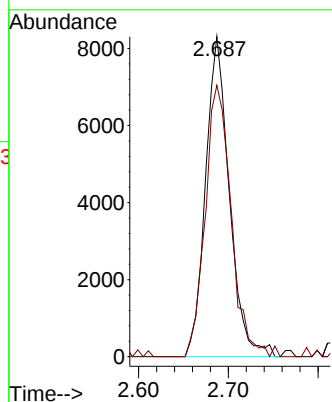
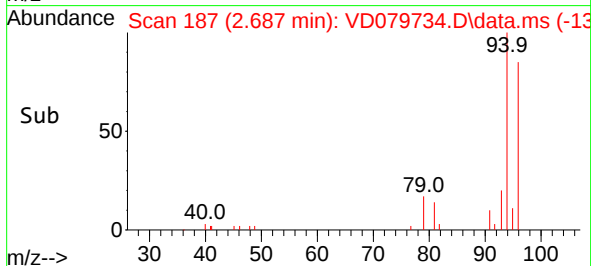
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Tgt Ion: 94 Resp: 1526
Ion Ratio Lower Upper
94 100
96 92.9 76.9 115.3

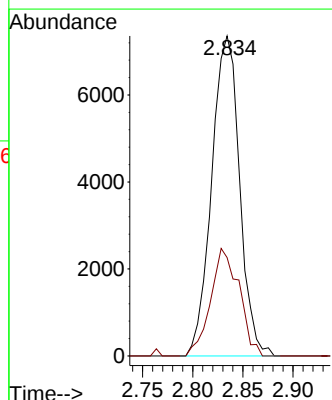
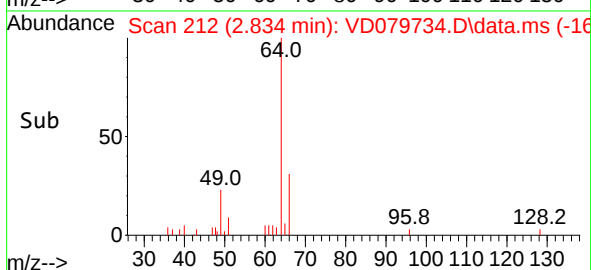
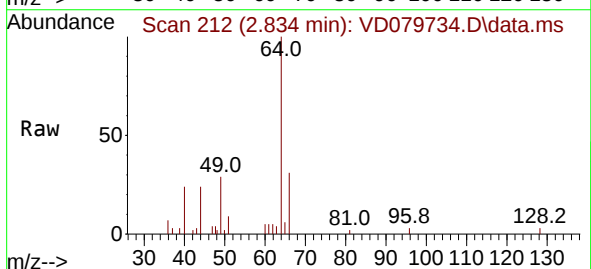
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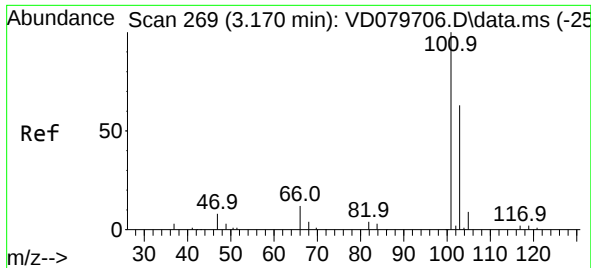
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#6
Chloroethane
Concen: 6.273 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.000 min
Lab File: VD079734.D
Acq: 14 Aug 2024 14:10

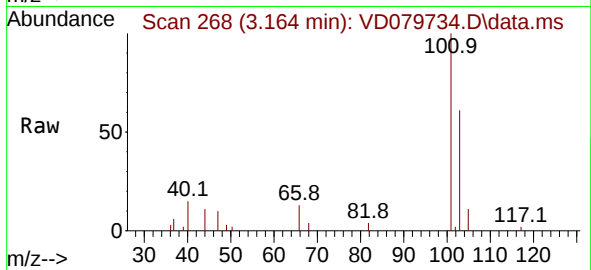
Tgt Ion: 64 Resp: 14258
Ion Ratio Lower Upper
64 100
66 30.8 24.5 36.7





#7
Trichlorofluoromethane
Concen: 5.758 ug/l
RT: 3.164 min Scan# 20
Delta R.T. -0.006 min
Lab File: VD079734.D
Acq: 14 Aug 2024 14:10

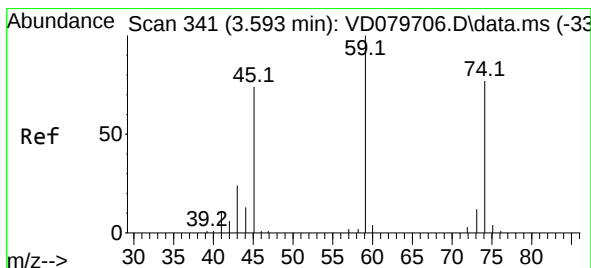
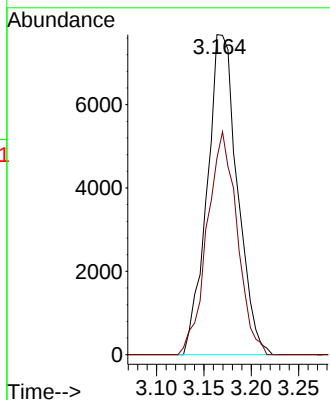
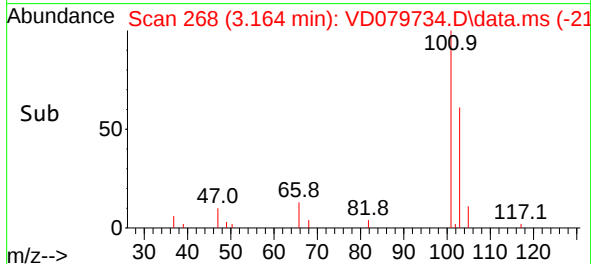
Instrument :
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ClientSampleId :
LOQ-SOIL-02-QT3-2024



Tgt Ion:101 Resp: 1714
Ion Ratio Lower Upper
101 100
103 61.4 53.2 79.8

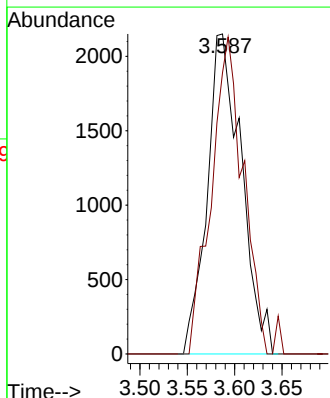
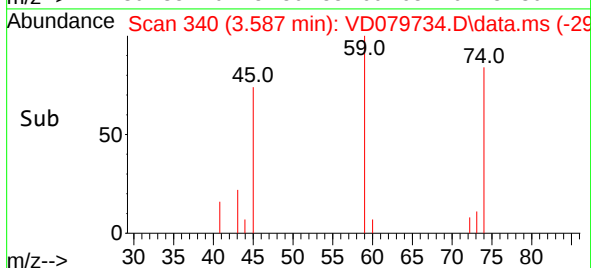
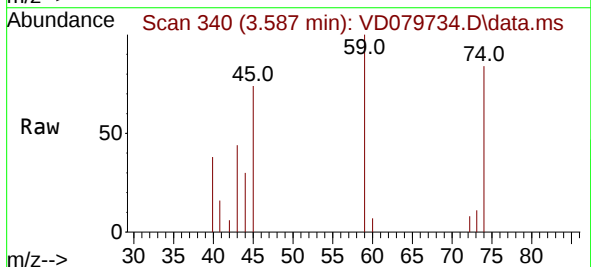
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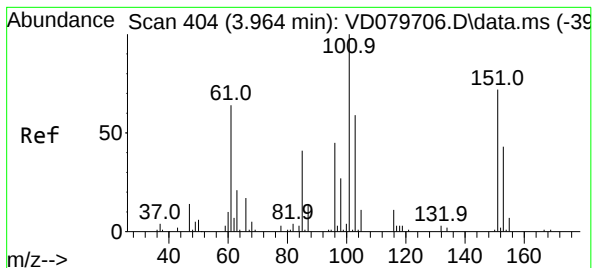
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#8
Diethyl Ether
Concen: 5.784 ug/l
RT: 3.587 min Scan# 340
Delta R.T. -0.006 min
Lab File: VD079734.D
Acq: 14 Aug 2024 14:10

Tgt Ion: 74 Resp: 5386
Ion Ratio Lower Upper
74 100
45 92.9 37.9 113.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.896 ug/l

RT: 3.969 min Scan# 405

Delta R.T. 0.006 min

Lab File: VD079734.D

Acq: 14 Aug 2024 14:10

Instrument :

MSVOA_D

ClientSampleId :

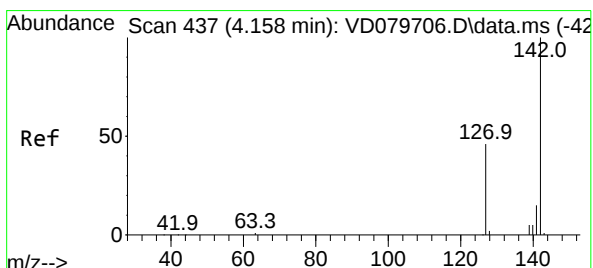
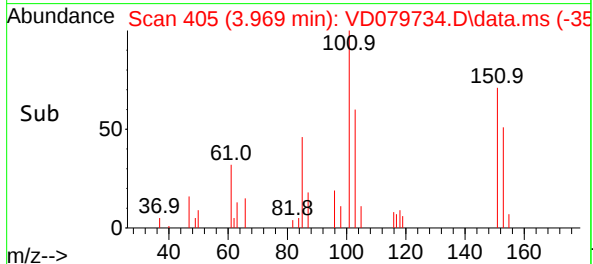
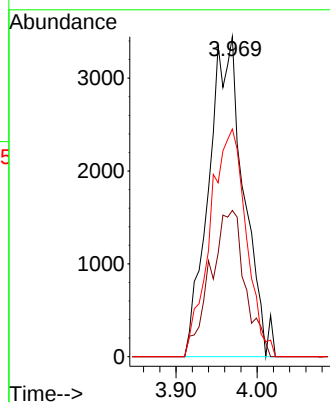
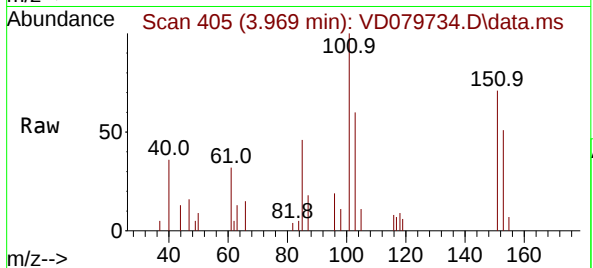
LOQ-SOIL-02-QT3-2024

Tgt Ion:101	Resp:	10330
Ion Ratio	Lower	Upper
101	100	
85	45.4	33.5 50.3
151	73.3	60.3 90.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#10

Methyl Iodide

Concen: 4.789 ug/l

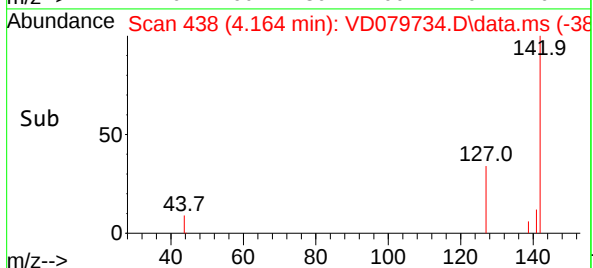
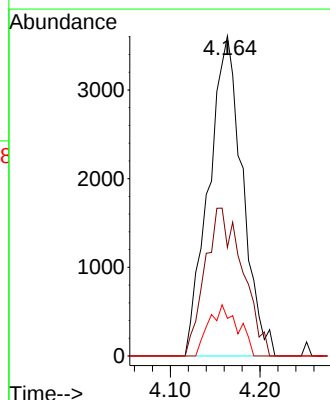
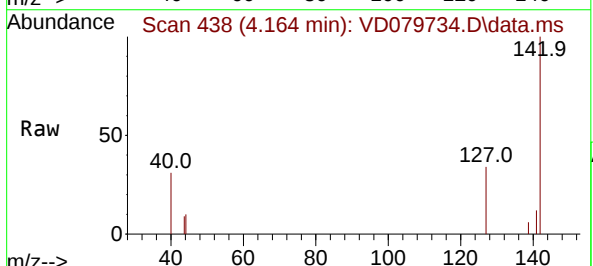
RT: 4.164 min Scan# 438

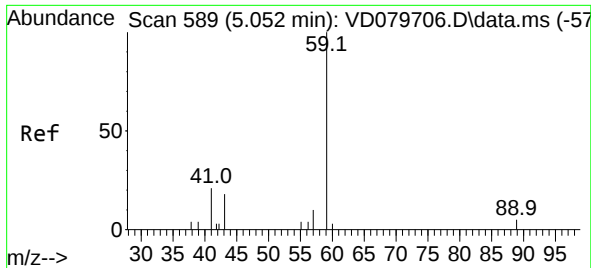
Delta R.T. 0.006 min

Lab File: VD079734.D

Acq: 14 Aug 2024 14:10

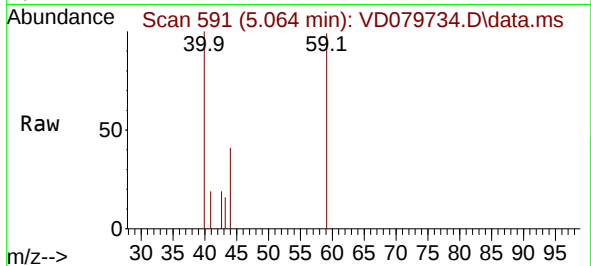
Tgt Ion:142	Resp:	9398
Ion Ratio	Lower	Upper
142	100	
127	51.5	34.2 51.4#
141	13.7	11.7 17.5





#11
Tert butyl alcohol
Concen: 36.280 ug/l
RT: 5.064 min Scan# 51
Delta R.T. 0.012 min
Lab File: VD079734.D
Acq: 14 Aug 2024 14:10

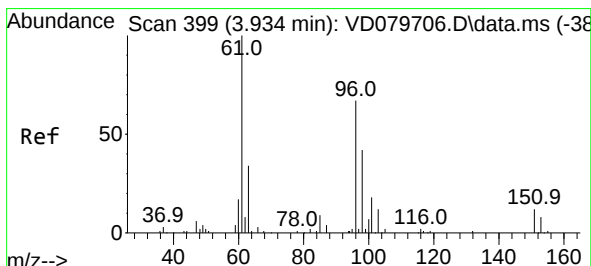
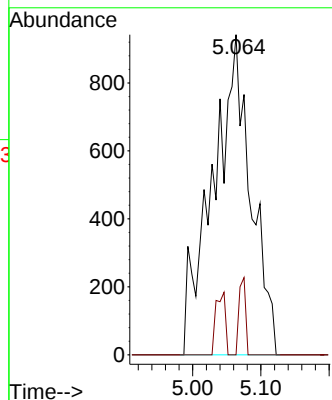
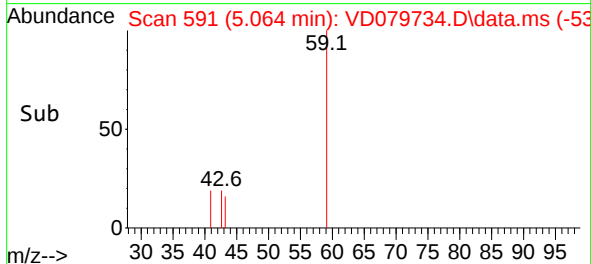
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2024



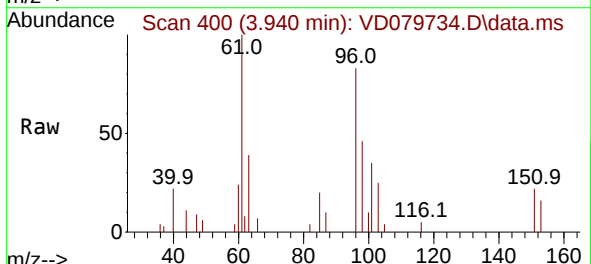
Tgt Ion: 59 Resp: 365
Ion Ratio Lower Upper
59 100
57 4.1 3.6 5.4

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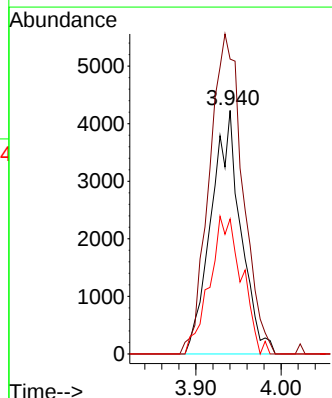
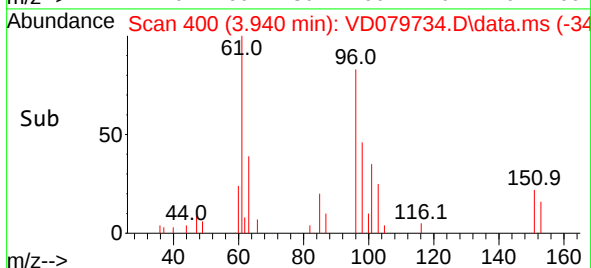
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#12
1,1-Dichloroethene
Concen: 5.585 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.006 min
Lab File: VD079734.D
Acq: 14 Aug 2024 14:10



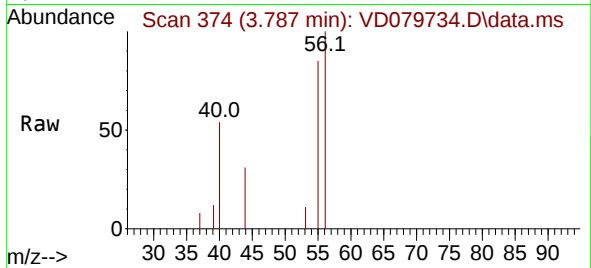
Tgt Ion: 96 Resp: 10238
Ion Ratio Lower Upper
96 100
61 121.1 107.3 160.9
98 55.5 51.7 77.5





#13
Acrolein
Concen: 25.849 ug/l
RT: 3.787 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD079734.D
Acq: 14 Aug 2024 14:10

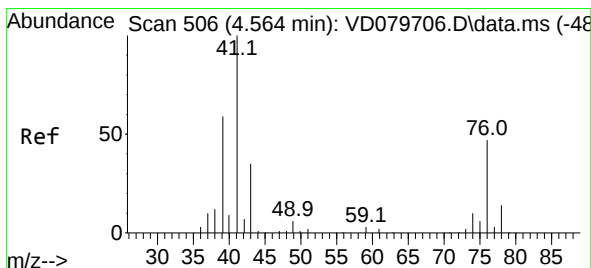
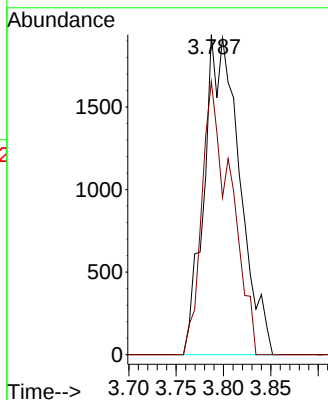
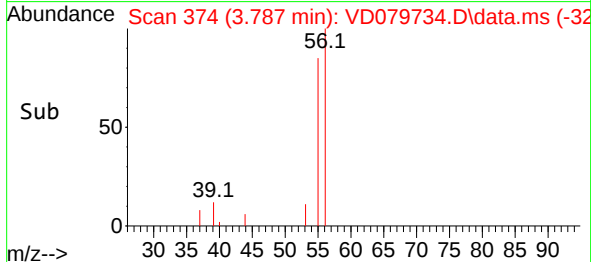
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2024



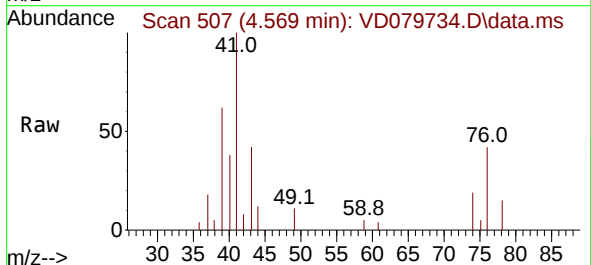
Tgt Ion: 56 Resp: 504
Ion Ratio Lower Upper
56 100
55 70.3 55.3 82.9

Manual Integrations
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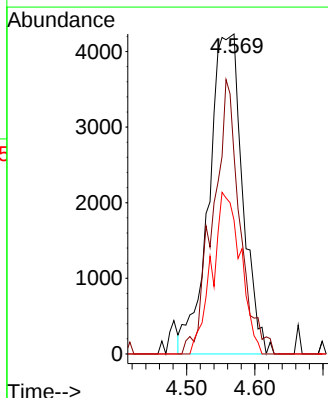
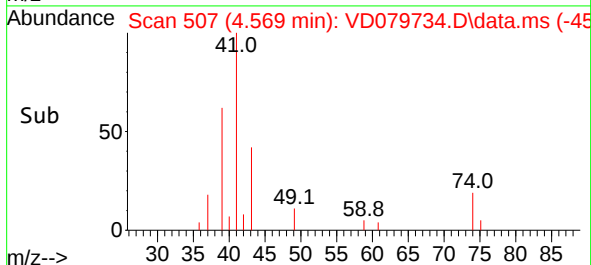
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024

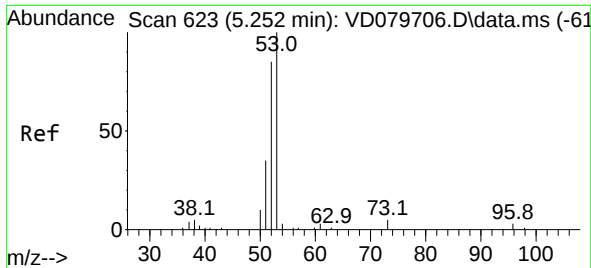


#14
Allyl chloride
Concen: 5.288 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD079734.D
Acq: 14 Aug 2024 14:10



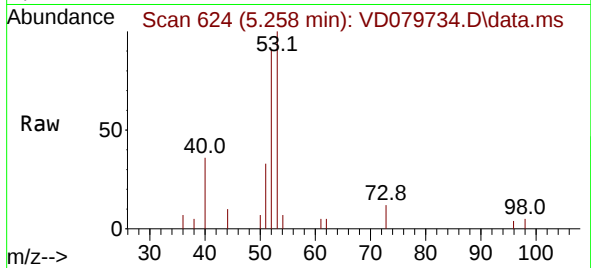
Tgt Ion: 41 Resp: 14541
Ion Ratio Lower Upper
41 100
39 68.3 58.0 87.0
76 43.1 45.9 68.9#





#15
Acrylonitrile
Concen: 28.412 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD079734.D
Acq: 14 Aug 2024 14:10

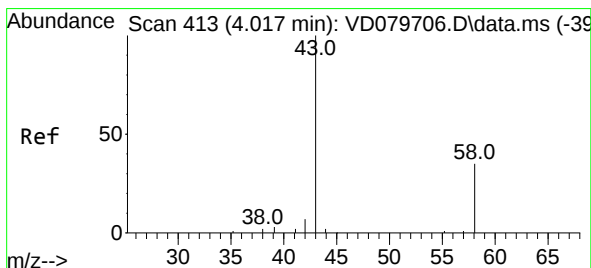
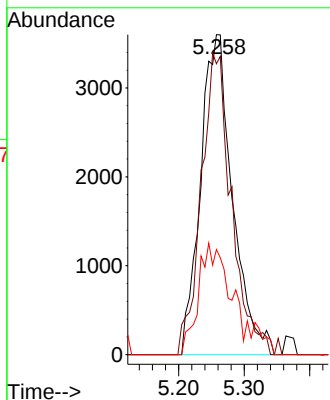
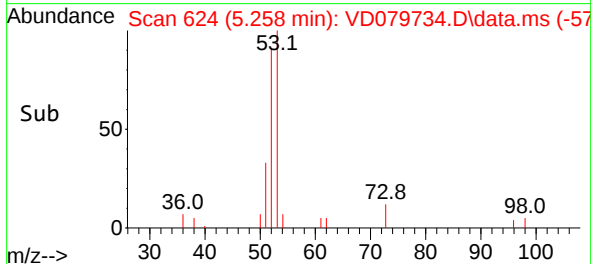
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2024



Tgt Ion: 53 Resp: 12180
Ion Ratio Lower Upper
53 100
52 89.5 67.7 101.5
51 35.4 28.6 42.8

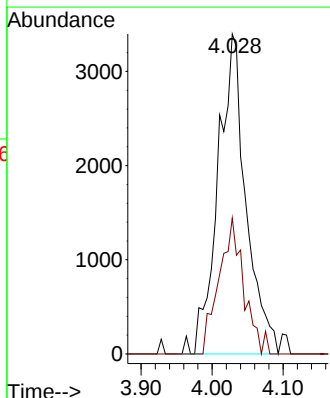
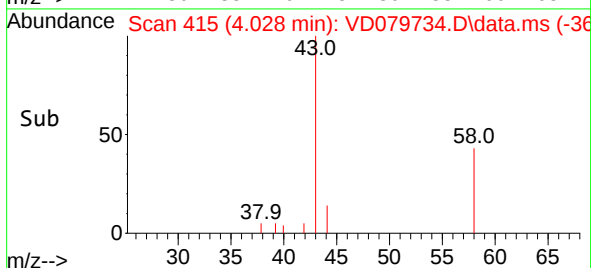
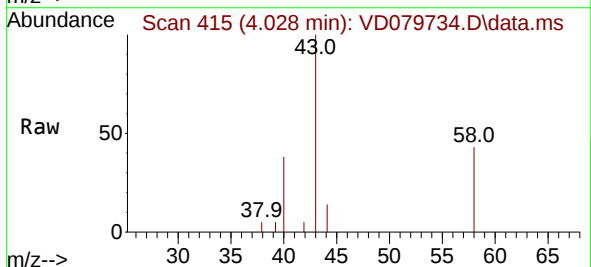
Manual Integrations
APPROVED

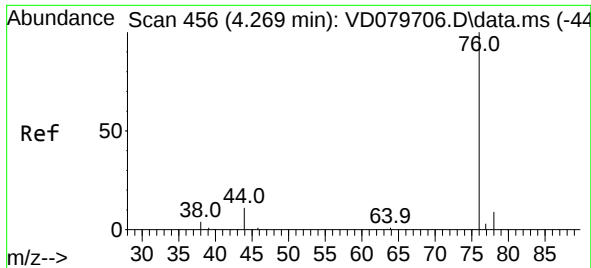
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#16
Acetone
Concen: 24.927 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.011 min
Lab File: VD079734.D
Acq: 14 Aug 2024 14:10

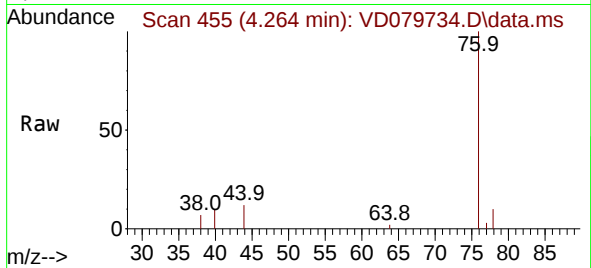
Tgt Ion: 43 Resp: 9348
Ion Ratio Lower Upper
43 100
58 42.5 30.4 45.6





#17
Carbon Disulfide
Concen: 5.488 ug/l
RT: 4.264 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD079734.D
Acq: 14 Aug 2024 14:10

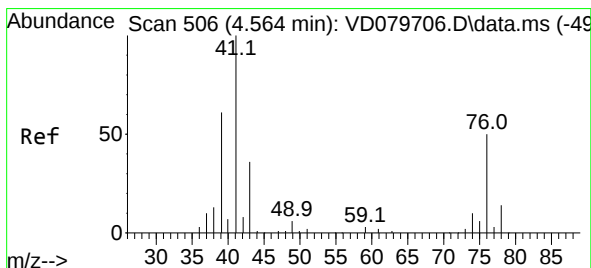
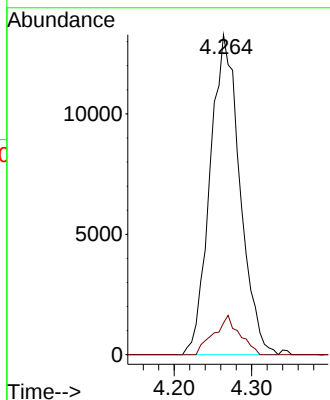
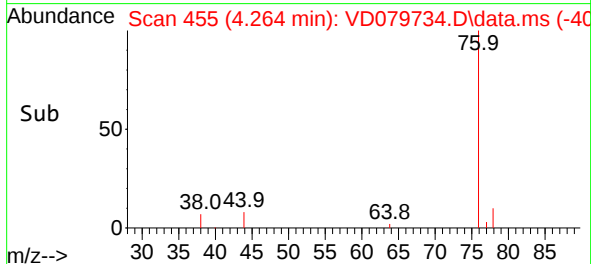
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2024



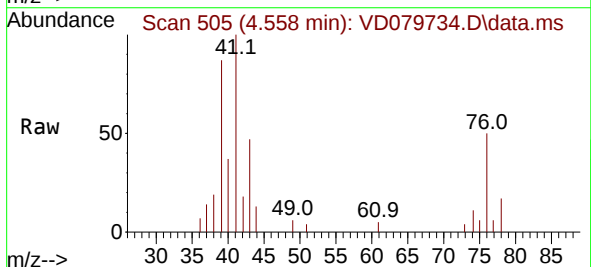
Tgt Ion: 76 Resp: 3566
Ion Ratio Lower Upper
76 100
78 9.9 6.9 10.3

Manual Integrations
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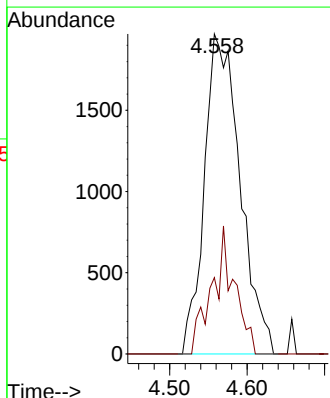
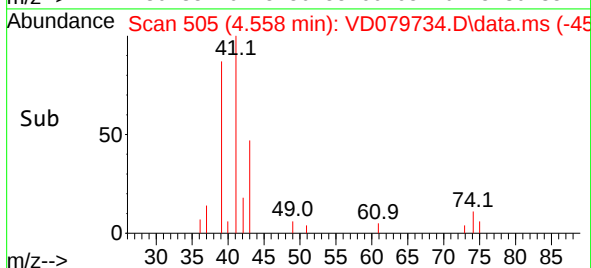
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024

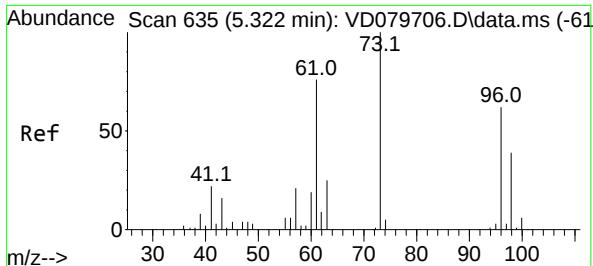


#18
Methyl Acetate
Concen: 5.507 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD079734.D
Acq: 14 Aug 2024 14:10



Tgt Ion: 43 Resp: 6300
Ion Ratio Lower Upper
43 100
74 25.3 28.1 42.1#





#19

Methyl tert-butyl Ether

Concen: 5.447 ug/l

RT: 5.322 min Scan# 61

Delta R.T. -0.000 min

Lab File: VD079734.D

Acq: 14 Aug 2024 14:10

Instrument :

MSVOA_D

ClientSampleId :

LOQ-SOIL-02-QT3-2024

Tgt Ion: 73 Resp: 2050

Ion Ratio Lower Upper

73 100

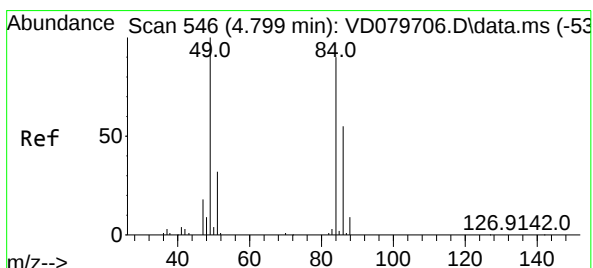
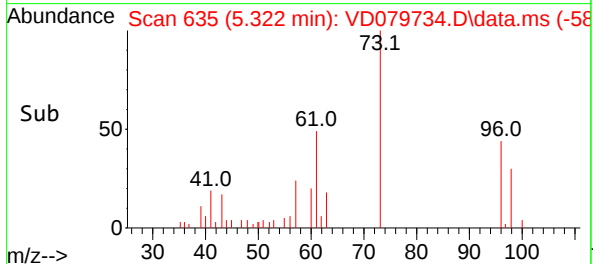
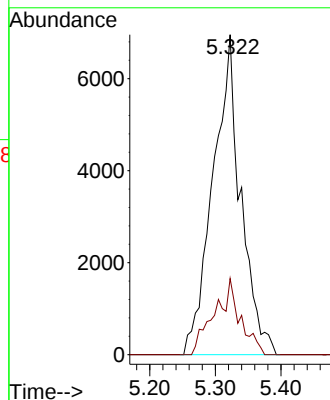
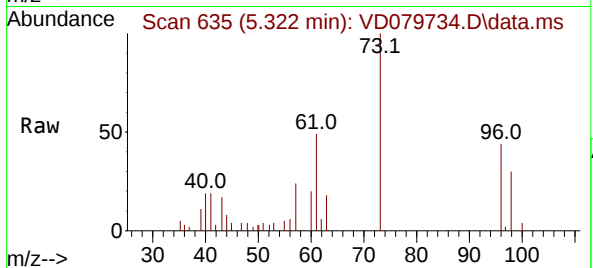
57 23.8 18.3 27.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/15/2024

Supervised By :Semsettin Yesilyurt 08/15/2024



#20

Methylene Chloride

Concen: 10.667 ug/l

RT: 4.793 min Scan# 545

Delta R.T. -0.006 min

Lab File: VD079734.D

Acq: 14 Aug 2024 14:10

Tgt Ion: 84 Resp: 31352

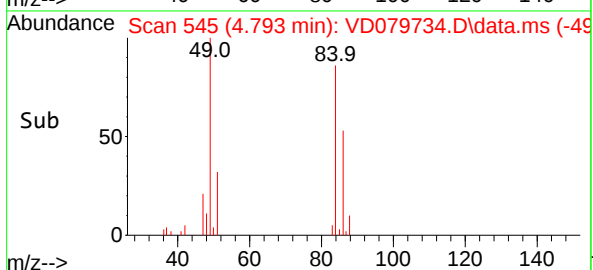
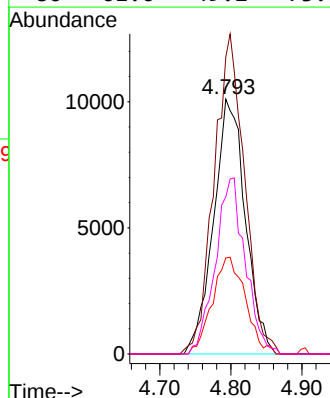
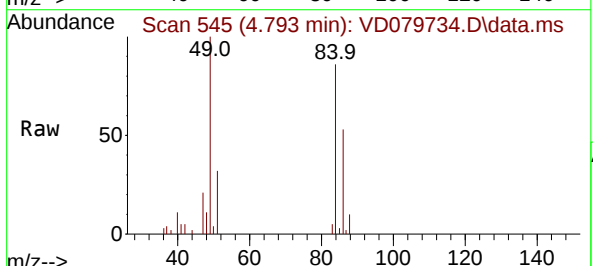
Ion Ratio Lower Upper

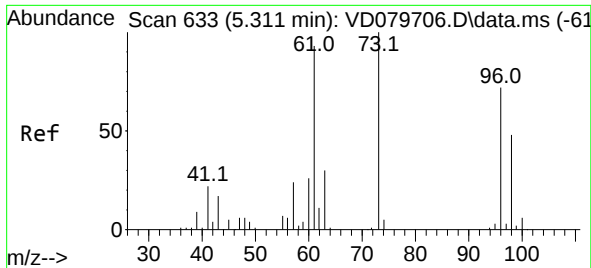
84 100

49 116.5 75.6 113.4#

51 37.7 24.2 36.2#

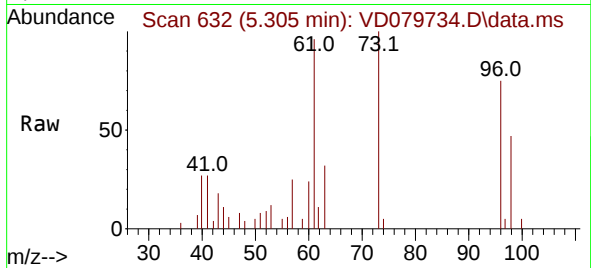
86 61.6 49.2 73.8





#21
trans-1,2-Dichloroethene
Concen: 5.064 ug/l
RT: 5.305 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD079734.D
Acq: 14 Aug 2024 14:10

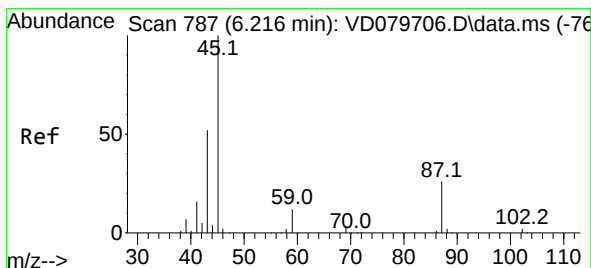
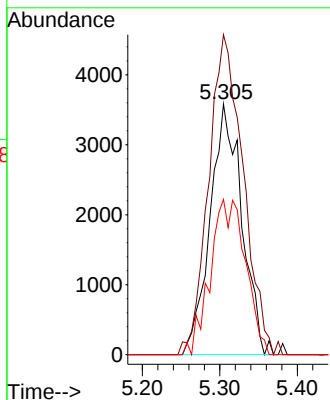
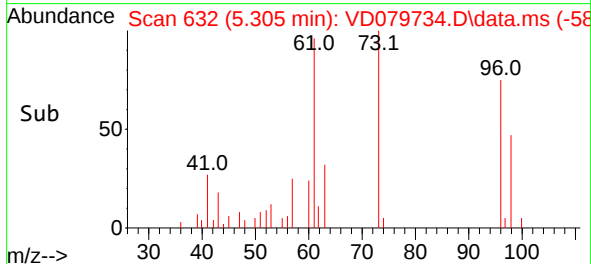
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2024



Tgt Ion: 96 Resp: 1019
Ion Ratio Lower Upper
96 100
61 127.7 84.5 126.7
98 62.0 50.5 75.7

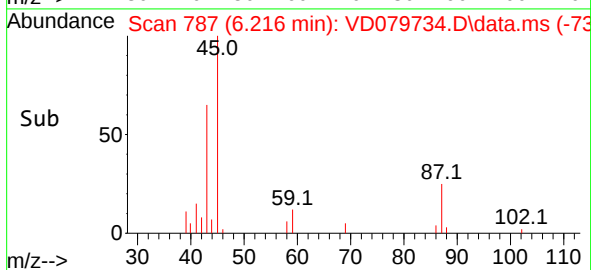
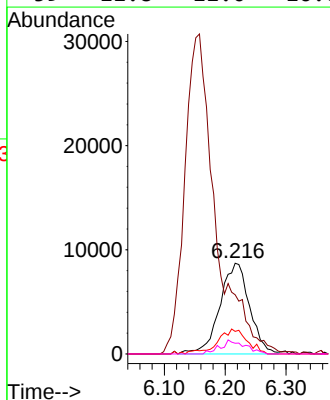
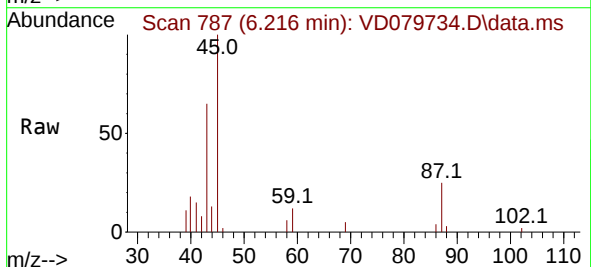
Manual Integrations
APPROVED

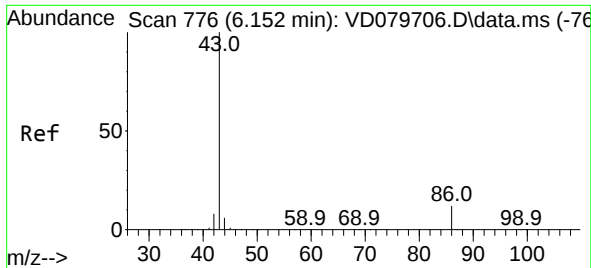
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#22
Diisopropyl ether
Concen: 5.208 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.000 min
Lab File: VD079734.D
Acq: 14 Aug 2024 14:10

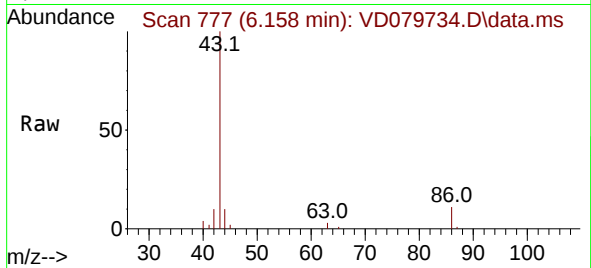
Tgt Ion: 45 Resp: 29507
Ion Ratio Lower Upper
45 100
43 62.2 41.7 62.5
87 24.9 30.2 45.2
59 11.8 11.0 16.6





#23
 Vinyl Acetate
 Concen: 25.988 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VD079734.D
 Acq: 14 Aug 2024 14:10

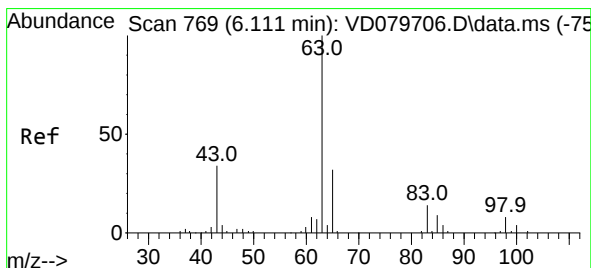
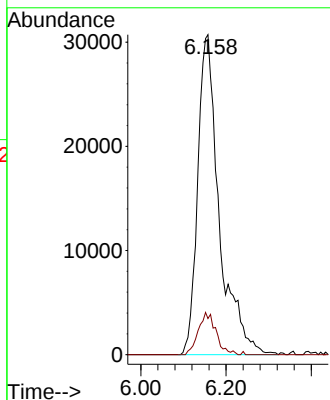
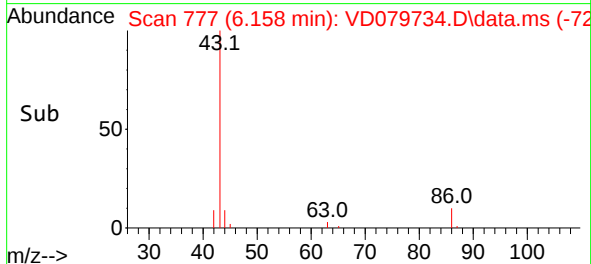
Instrument :
 MSVOA_D
 ClientSampleId :
 LOQ-SOIL-02-QT3-2024



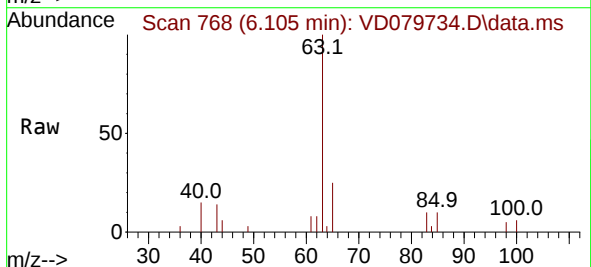
Tgt Ion: 43 Resp: 10793
 Ion Ratio Lower Upper
 43 100
 86 11.3 12.3 18.5

Manual Integrations
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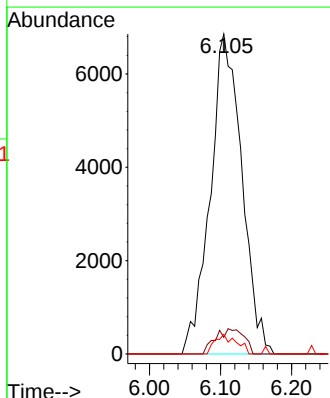
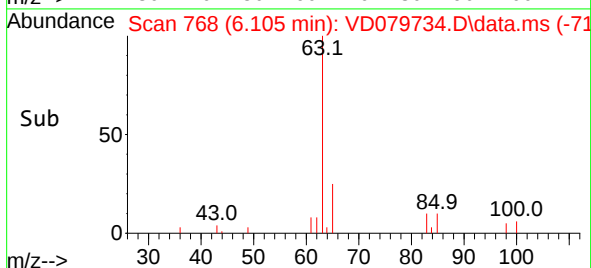
Reviewed By :Mahesh Dadoda 08/15/2024
 Supervised By :Semsettin Yesilyurt 08/15/2024

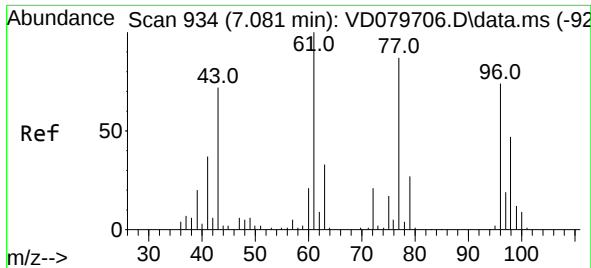


#24
 1,1-Dichloroethane
 Concen: 5.653 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. -0.006 min
 Lab File: VD079734.D
 Acq: 14 Aug 2024 14:10



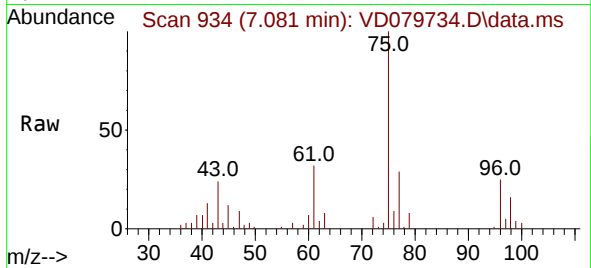
Tgt Ion: 63 Resp: 21173
 Ion Ratio Lower Upper
 63 100
 98 5.2 4.7 14.0
 100 6.1 2.9 8.6





#25
2-Butanone
Concen: 27.753 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD079734.D
Acq: 14 Aug 2024 14:10

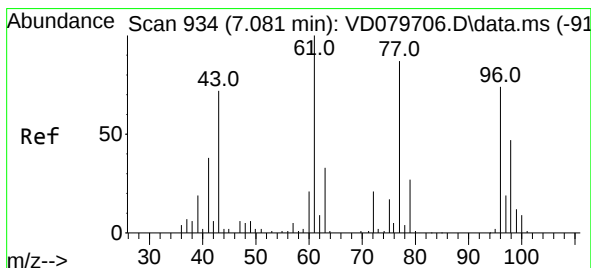
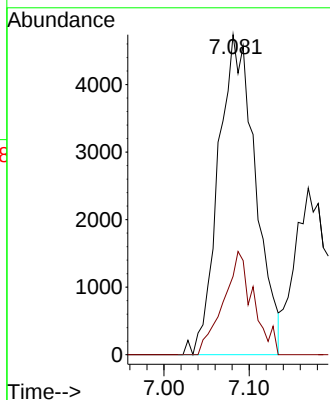
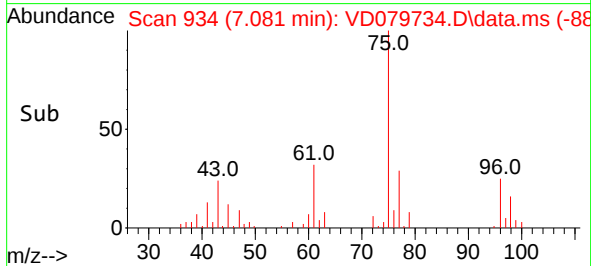
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2024



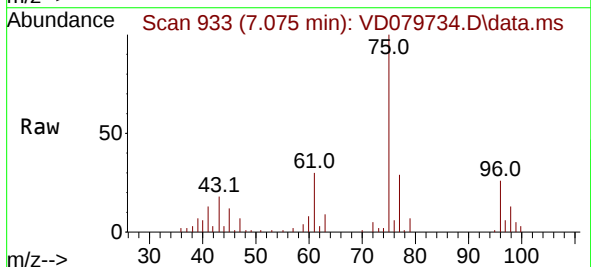
Tgt Ion: 43 Resp: 1432
Ion Ratio Lower Upper
43 100
72 24.5 26.4 39.6

Manual Integrations
APPROVED

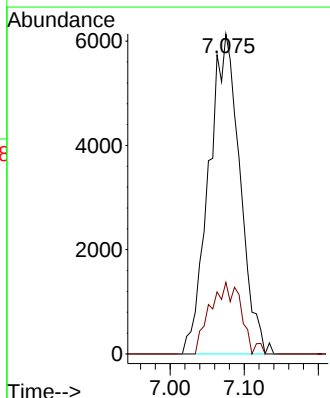
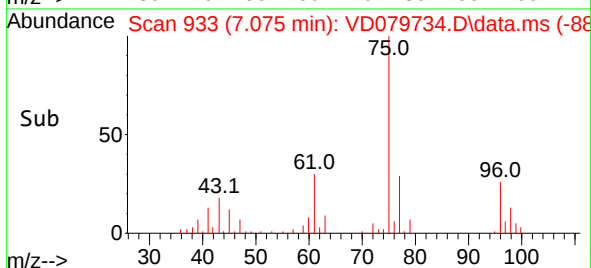
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024

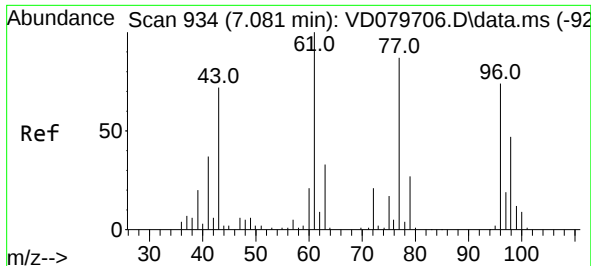


#26
2,2-Dichloropropane
Concen: 6.056 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD079734.D
Acq: 14 Aug 2024 14:10



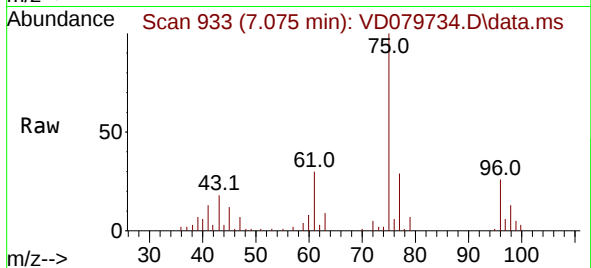
Tgt Ion: 77 Resp: 17914
Ion Ratio Lower Upper
77 100
97 22.2 12.4 37.2





#27
cis-1,2-Dichloroethene
Concen: 5.809 ug/l
RT: 7.075 min Scan# 913
Delta R.T. -0.006 min
Lab File: VD079734.D
Acq: 14 Aug 2024 14:10

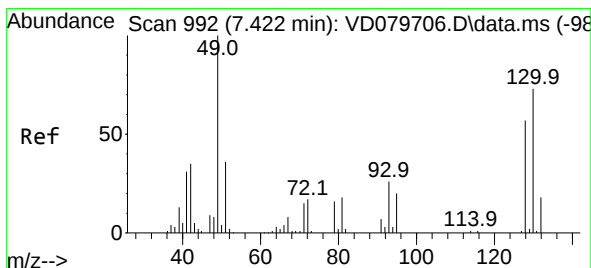
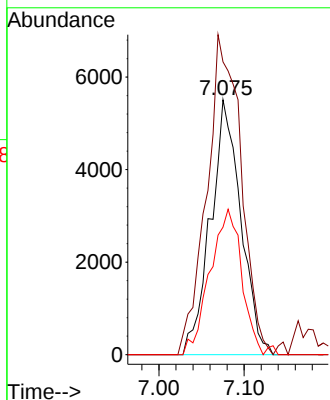
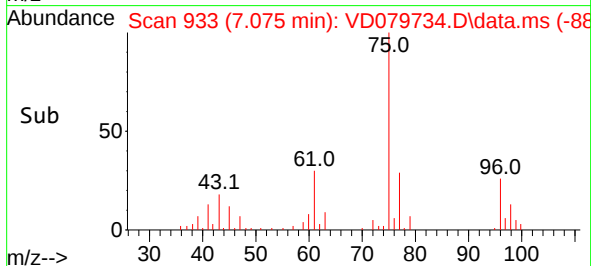
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2024



Tgt Ion: 96 Resp: 13562
Ion Ratio Lower Upper
96 100
61 142.5 0.0 229.0
98 59.6 0.0 127.2

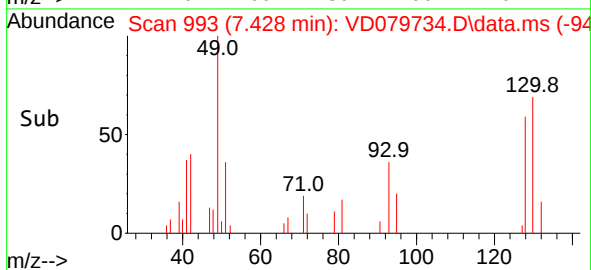
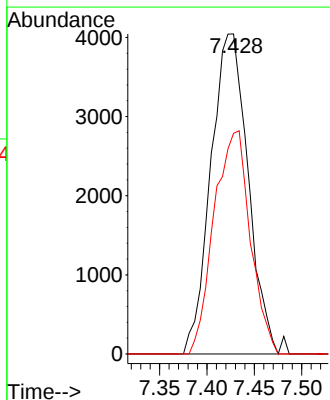
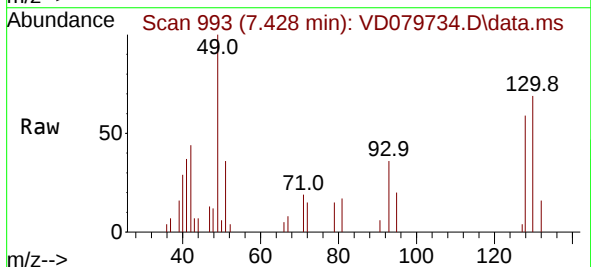
Manual Integrations
APPROVED

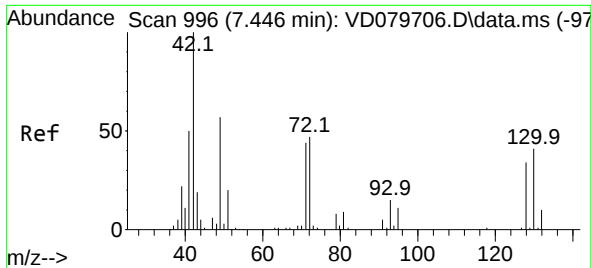
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#28
Bromochloromethane
Concen: 6.930 ug/l
RT: 7.428 min Scan# 993
Delta R.T. 0.006 min
Lab File: VD079734.D
Acq: 14 Aug 2024 14:10

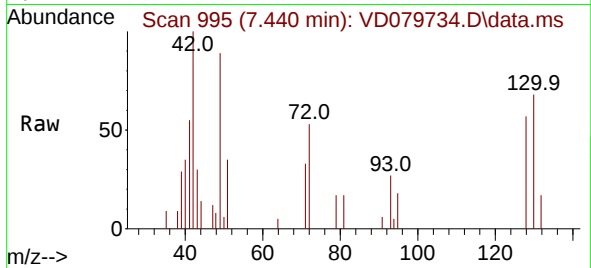
Tgt Ion: 49 Resp: 11042
Ion Ratio Lower Upper
49 100
129 0.0 0.0 7.0
130 67.9 87.7 131.5#





#29
Tetrahydrofuran
Concen: 25.706 ug/l
RT: 7.440 min Scan# 995
Delta R.T. -0.006 min
Lab File: VD079734.D
Acq: 14 Aug 2024 14:10

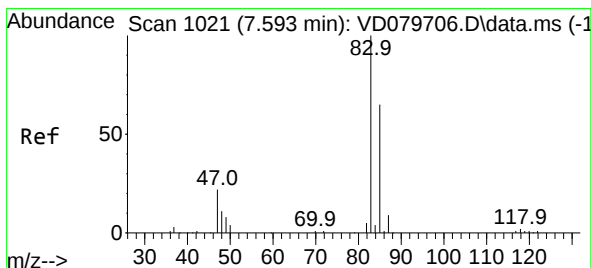
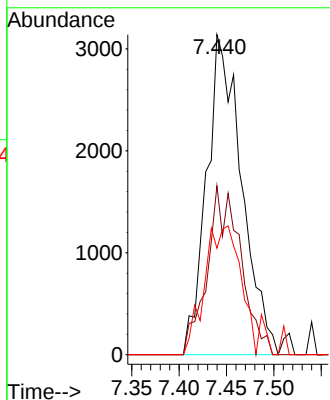
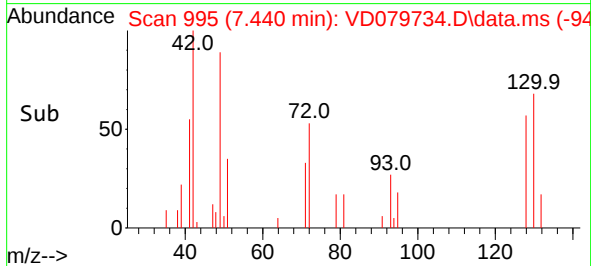
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2024



Tgt Ion: 42 Resp: 806
Ion Ratio Lower Upper
42 100
72 50.2 49.4 74.0
71 41.5 45.0 67.6

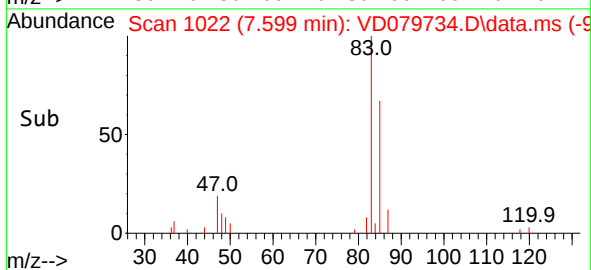
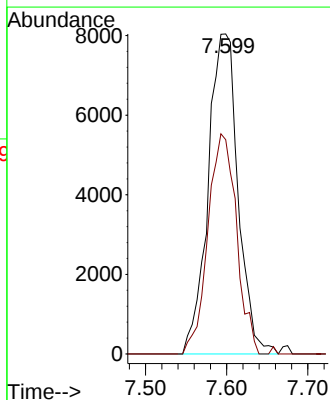
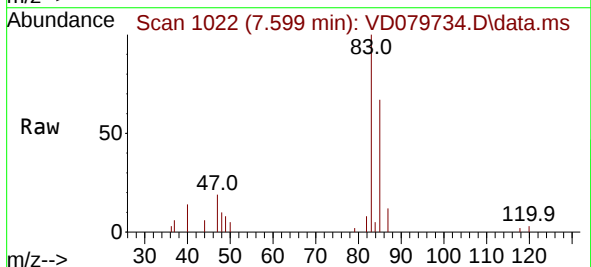
Manual Integrations
APPROVED

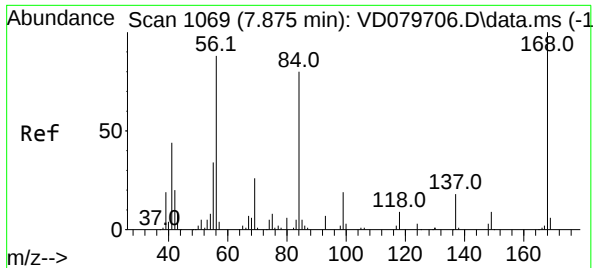
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#30
Chloroform
Concen: 5.673 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VD079734.D
Acq: 14 Aug 2024 14:10

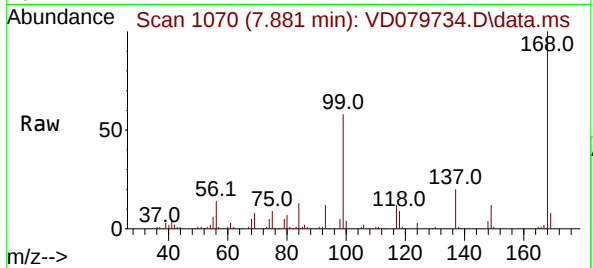
Tgt Ion: 83 Resp: 20634
Ion Ratio Lower Upper
83 100
85 67.0 51.8 77.6





#31
Cyclohexane
Concen: 6.065 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD079734.D
Acq: 14 Aug 2024 14:10

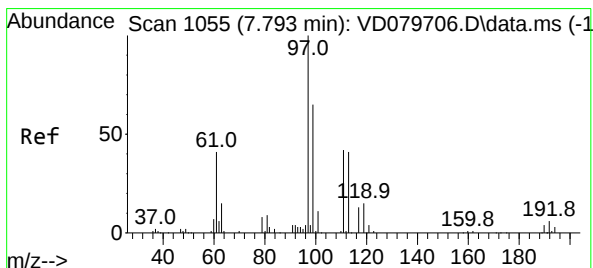
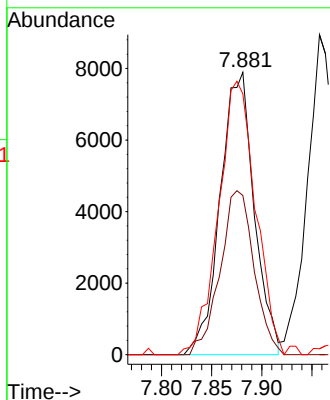
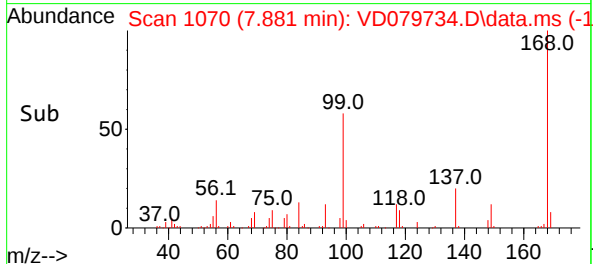
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2024



Tgt Ion: 56 Resp: 18600
Ion Ratio Lower Upper
56 100
69 56.4 28.0 42.0
84 92.4 87.4 131.0

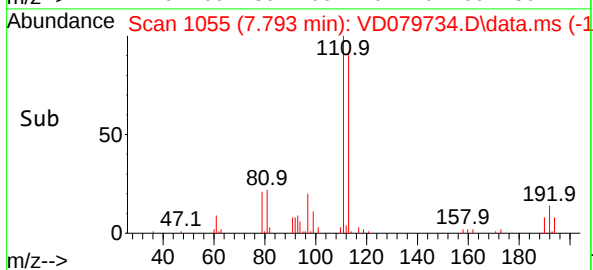
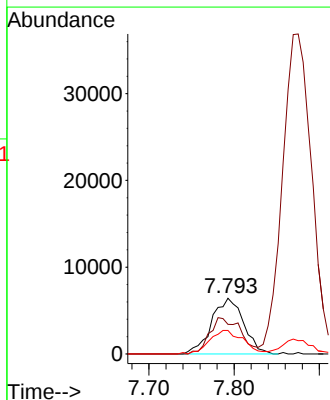
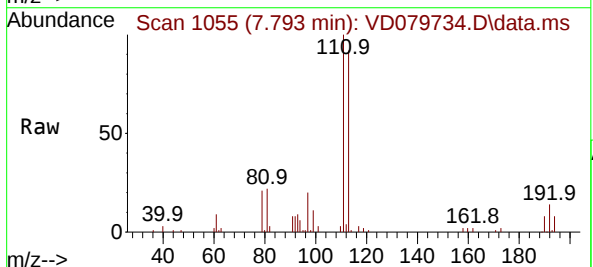
Manual Integrations
APPROVED

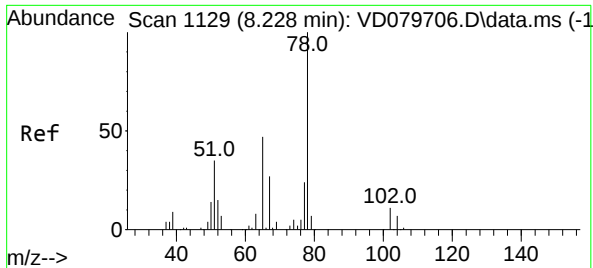
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#32
1,1,1-Trichloroethane
Concen: 5.562 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD079734.D
Acq: 14 Aug 2024 14:10

Tgt Ion: 97 Resp: 16738
Ion Ratio Lower Upper
97 100
99 63.8 51.3 76.9
61 44.7 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 56.615 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD079734.D

Acq: 14 Aug 2024 14:10

Instrument :

MSVOA_D

ClientSampleId :

LOQ-SOIL-02-QT3-2024

Tgt Ion: 65 Resp: 9499

Ion Ratio Lower Upper

65 100

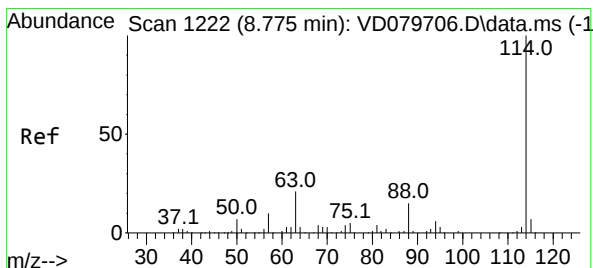
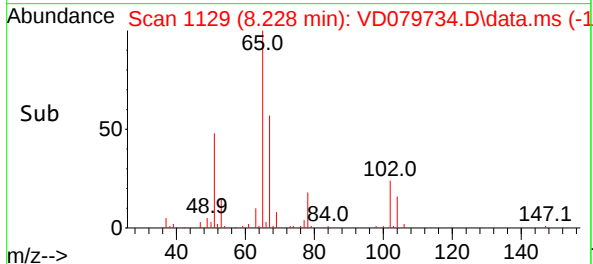
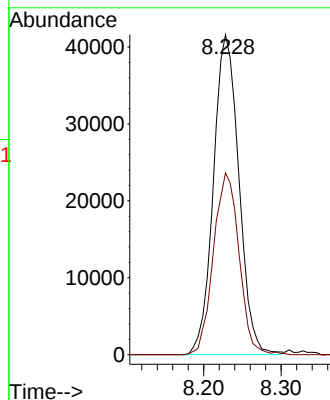
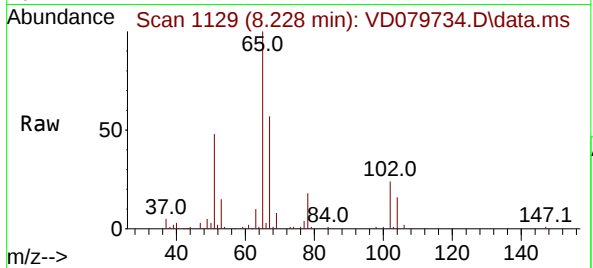
67 57.0 0.0 111.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/15/2024

Supervised By :Semsettin Yesilyurt 08/15/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD079734.D

Acq: 14 Aug 2024 14:10

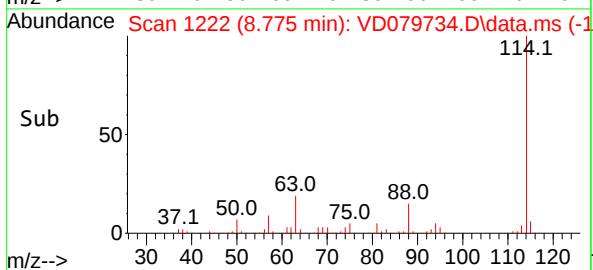
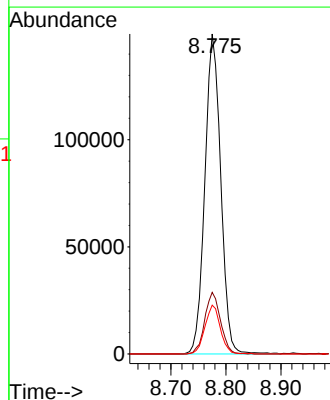
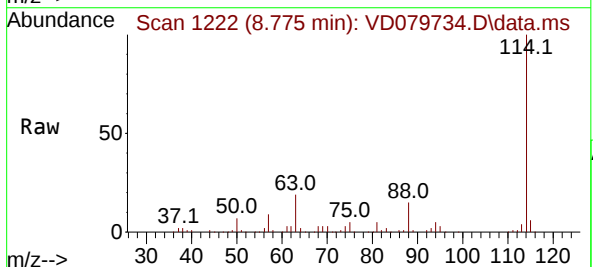
Tgt Ion:114 Resp: 299861

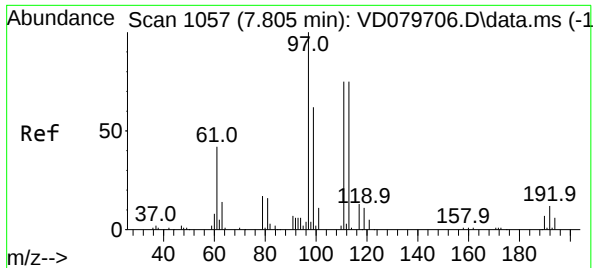
Ion Ratio Lower Upper

114 100

63 19.2 0.0 34.0

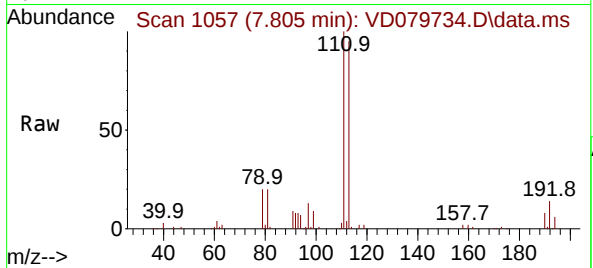
88 15.2 0.0 27.2





#35
Dibromofluoromethane
Concen: 51.010 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD079734.D
Acq: 14 Aug 2024 14:10

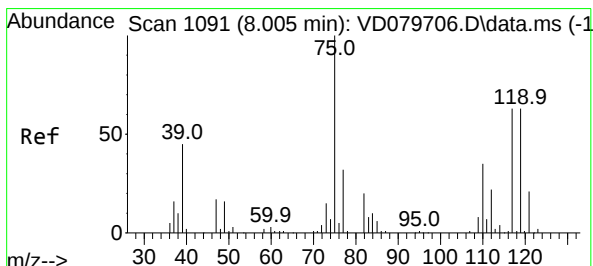
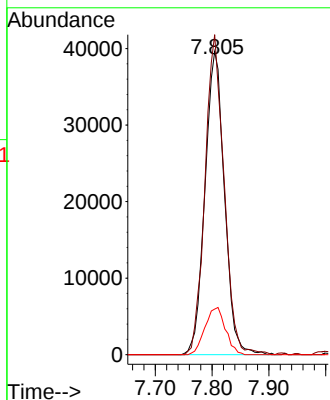
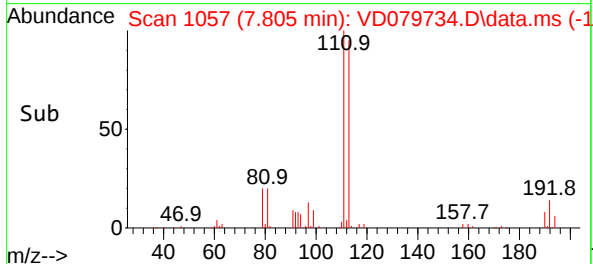
Instrument : MSVOA_D
ClientSampleId : VD079734.D
LOQ-SOIL-02-QT3-2024



Tgt Ion: 113 Resp: 94290
Ion Ratio Lower Upper
113 100
111 103.2 84.0 126.0
192 16.4 15.4 23.0

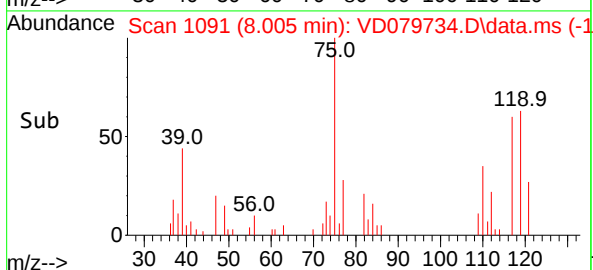
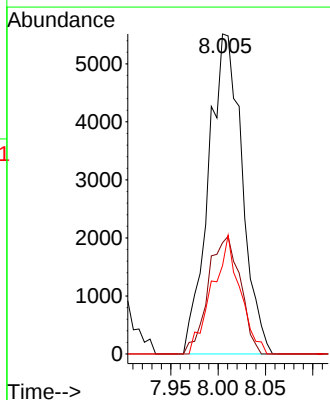
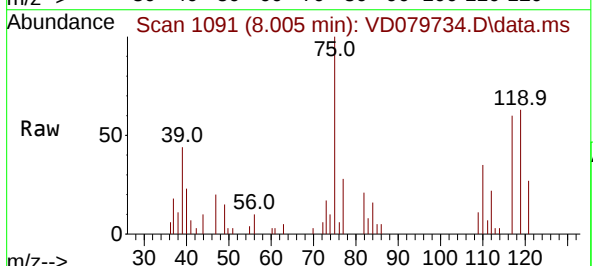
Manual Integrations
APPROVED

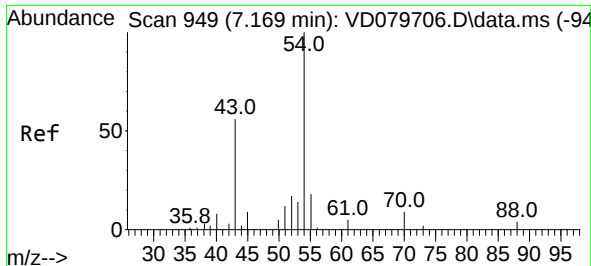
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#36
1,1-Dichloropropene
Concen: 4.739 ug/l
RT: 8.005 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VD079734.D
Acq: 14 Aug 2024 14:10

Tgt Ion: 75 Resp: 13579
Ion Ratio Lower Upper
75 100
110 35.2 19.6 58.7
77 30.8 26.1 39.1





#37

Ethyl Acetate

Concen: 5.086 ug/l

RT: 7.169 min Scan# 949

Delta R.T. -0.000 min

Lab File: VD079734.D

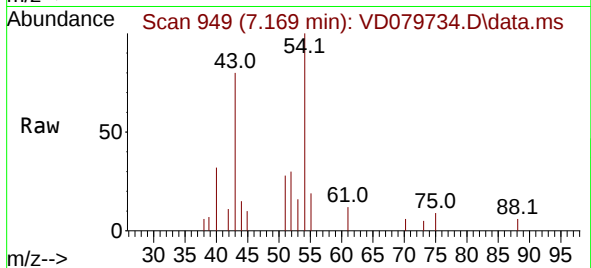
Acq: 14 Aug 2024 14:10

Instrument :

MSVOA_D

ClientSampleId :

LOQ-SOIL-02-QT3-2024

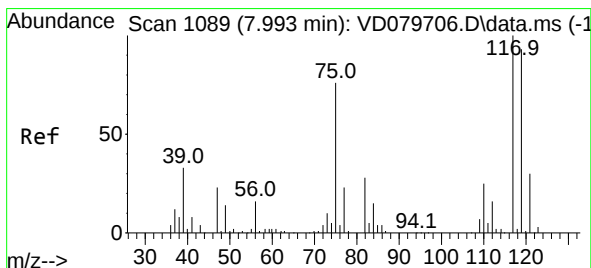
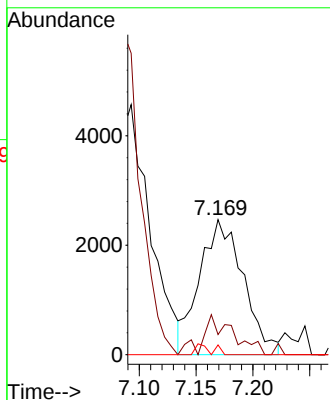
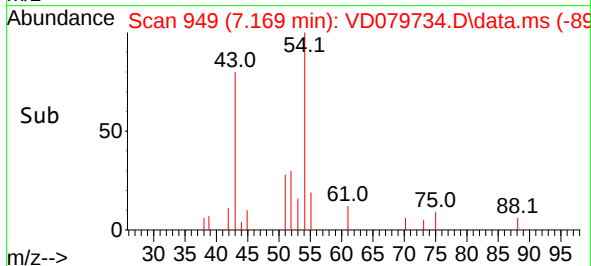


Tgt Ion: 43 Resp: 6598

Ion	Ratio	Lower	Upper
43	100		
61	20.8	13.9	20.9
70	1.9	9.8	14.6

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#38

Carbon Tetrachloride

Concen: 4.961 ug/l

RT: 7.993 min Scan# 1089

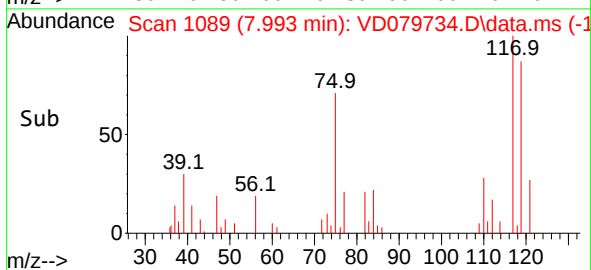
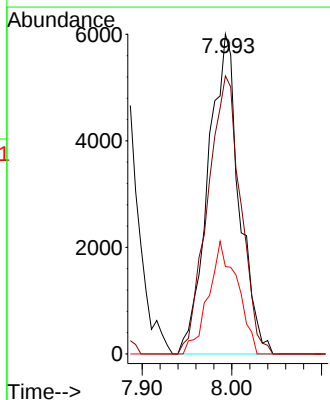
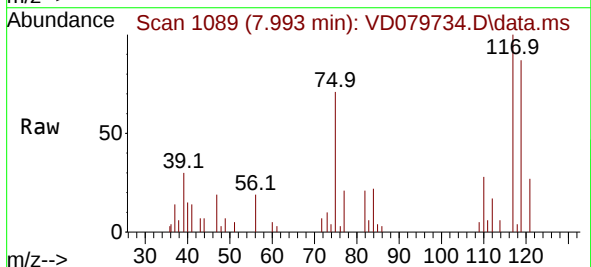
Delta R.T. -0.000 min

Lab File: VD079734.D

Acq: 14 Aug 2024 14:10

Tgt Ion:117 Resp: 14429

Ion	Ratio	Lower	Upper
117	100		
119	86.9	75.4	113.0
121	27.3	25.0	37.4





#39

Methylcyclohexane

Concen: 4.505 ug/l

RT: 9.281 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VD079734.D

Acq: 14 Aug 2024 14:10

Instrument :

MSVOA_D

ClientSampleId :

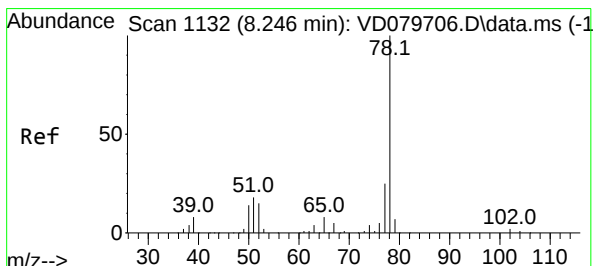
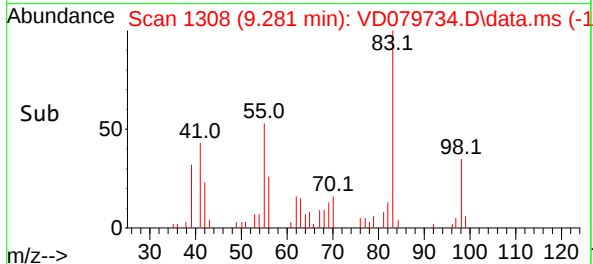
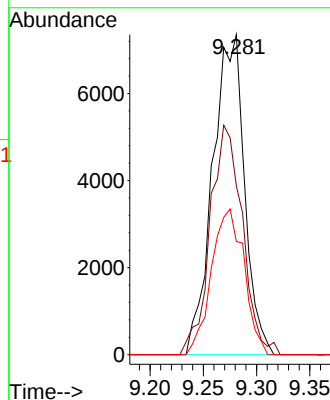
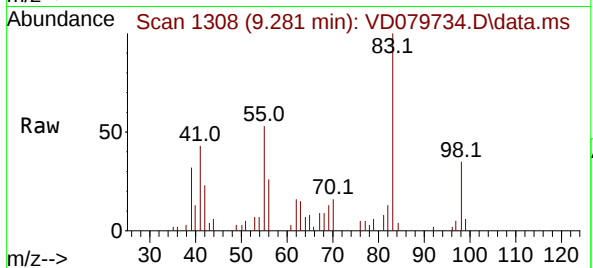
LOQ-SOIL-02-QT3-2024

Tgt Ion: 83	Resp: 15258
Ion Ratio	Lower Upper
83	100
55	52.7 50.1 75.1
98	35.4 41.9 62.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#40

Benzene

Concen: 4.999 ug/l

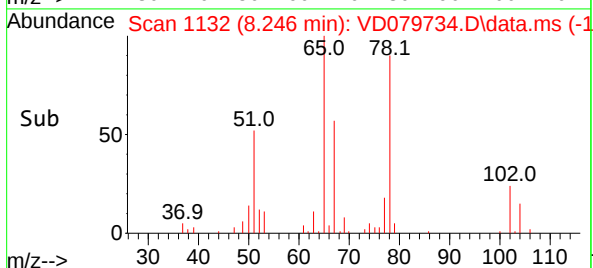
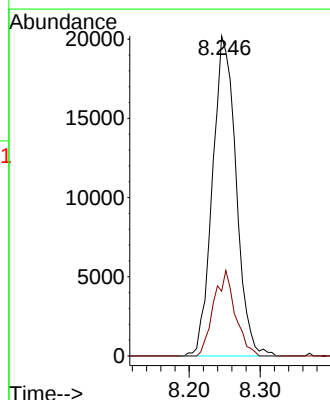
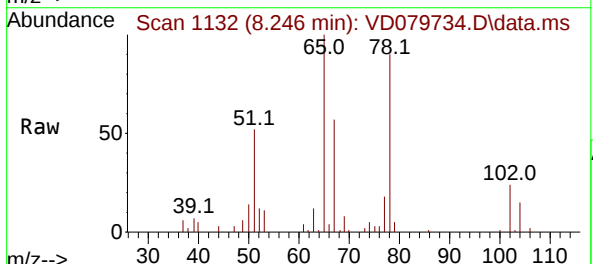
RT: 8.246 min Scan# 1132

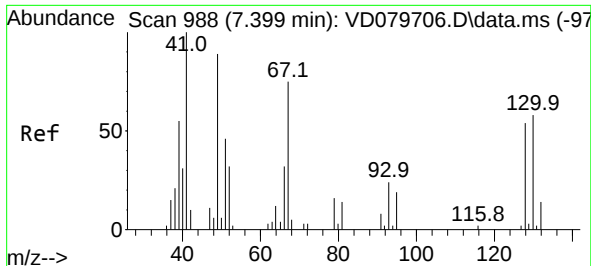
Delta R.T. -0.000 min

Lab File: VD079734.D

Acq: 14 Aug 2024 14:10

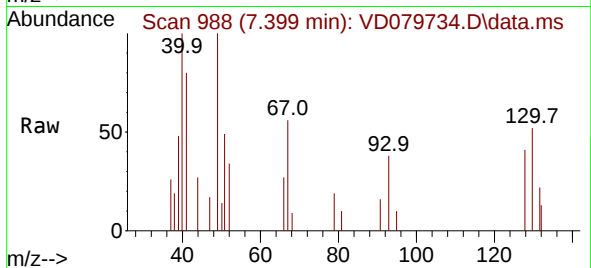
Tgt Ion: 78	Resp: 46588
Ion Ratio	Lower Upper
78	100
77	20.3 18.1 27.1





#41
Methacrylonitrile
Concen: 4.608 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD079734.D
Acq: 14 Aug 2024 14:10

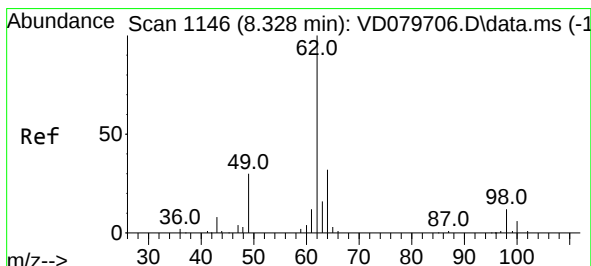
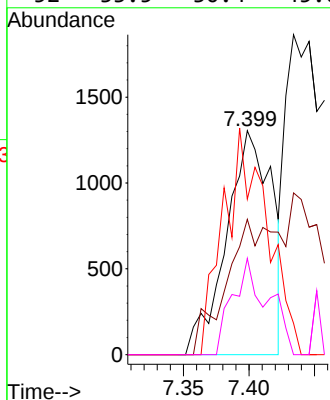
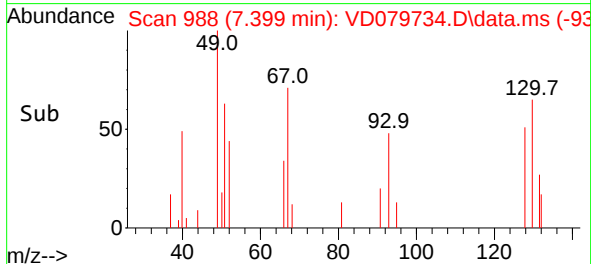
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2024



Tgt Ion:	41	Resp:	314
Ion Ratio	100	Lower	Upper
39	40.9	41.4	62.0
67	96.7	85.8	128.6
52	33.5	30.4	45.6

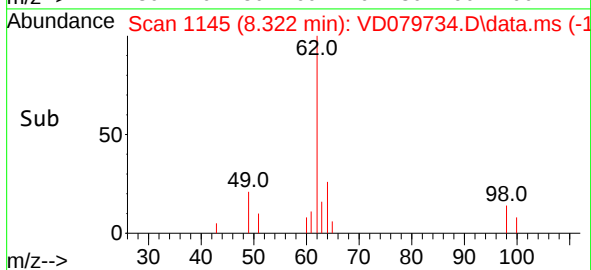
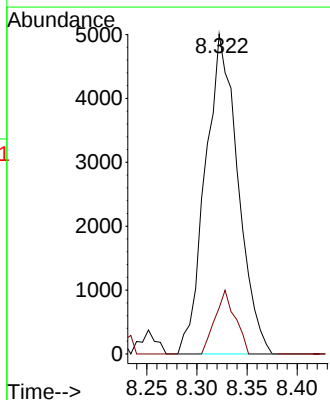
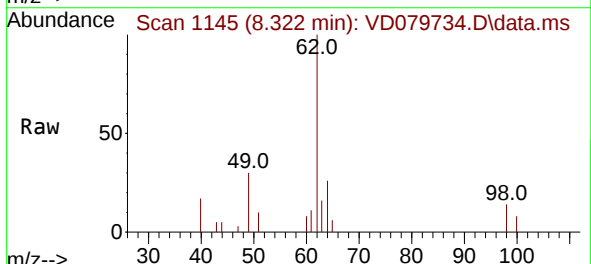
Manual Integrations
APPROVED

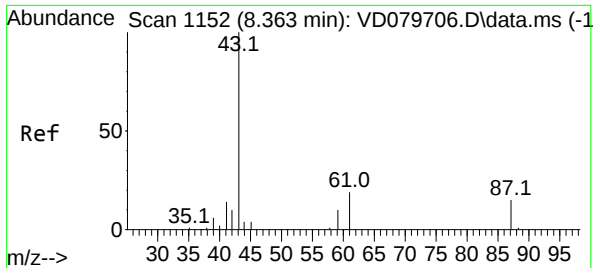
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#42
1,2-Dichloroethane
Concen: 5.267 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD079734.D
Acq: 14 Aug 2024 14:10

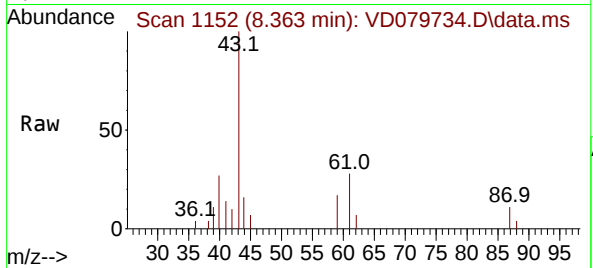
Tgt Ion:	62	Resp:	11347
Ion Ratio	100	Lower	Upper
98	12.3	0.0	25.8





#43
Isopropyl Acetate
Concen: 5.171 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VD079734.D
Acq: 14 Aug 2024 14:10

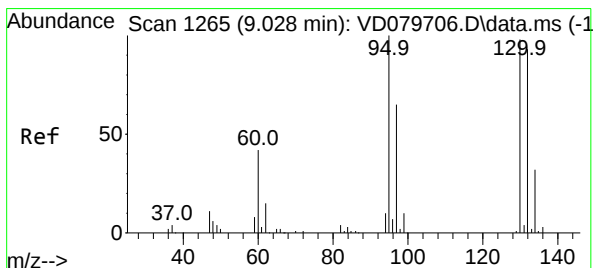
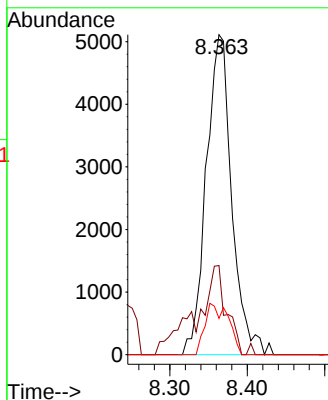
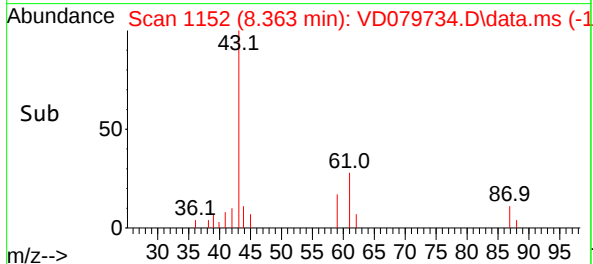
Instrument : MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2024



Tgt Ion: 43 Resp: 11694
Ion Ratio Lower Upper
43 100
61 22.4 29.3 43.9
87 14.8 14.9 22.3

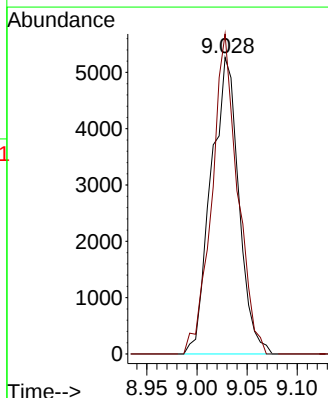
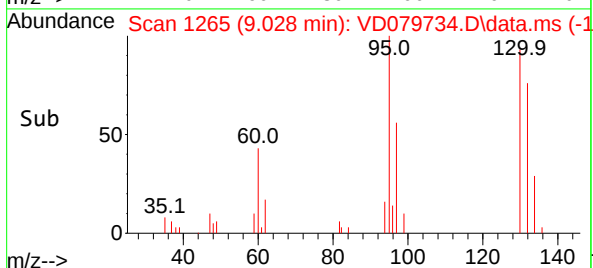
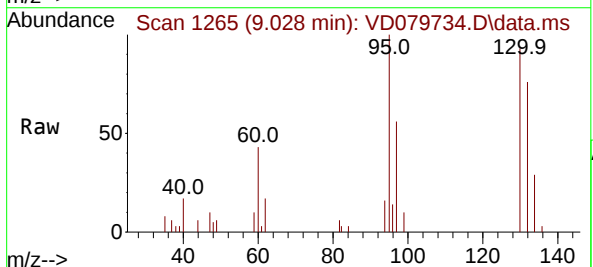
Manual Integrations
APPROVED

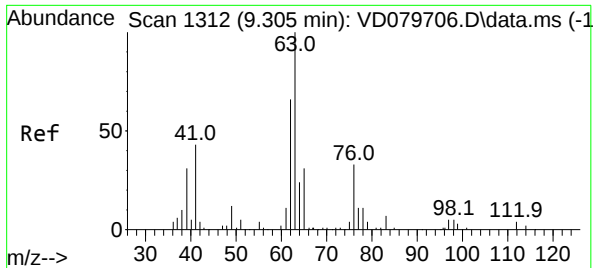
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#44
Trichloroethene
Concen: 4.954 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD079734.D
Acq: 14 Aug 2024 14:10

Tgt Ion:130 Resp: 10141
Ion Ratio Lower Upper
130 100
95 107.9 0.0 177.8





#45

1,2-Dichloropropane

Concen: 4.532 ug/l

RT: 9.304 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD079734.D

Acq: 14 Aug 2024 14:10

Instrument :

MSVOA_D

ClientSampleId :

LOQ-SOIL-02-QT3-2024

Tgt Ion: 63 Resp: 10390

Ion Ratio Lower Upper

63 100

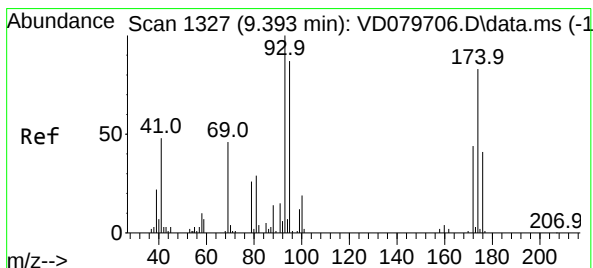
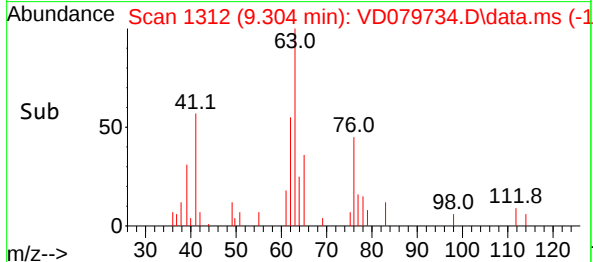
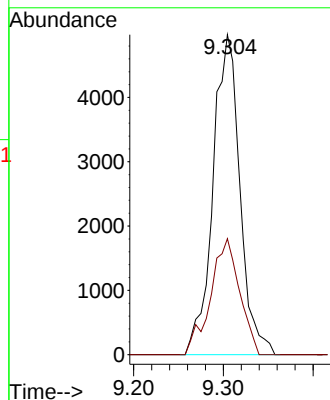
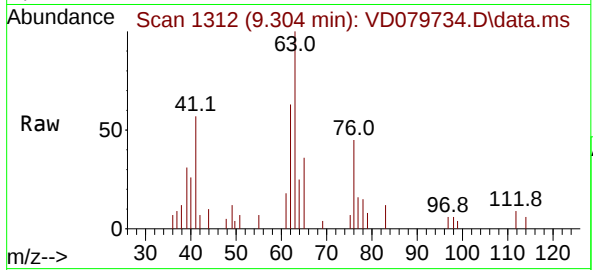
65 36.2 23.8 35.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/15/2024

Supervised By :Semsettin Yesilyurt 08/15/2024



#46

Dibromomethane

Concen: 4.926 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD079734.D

Acq: 14 Aug 2024 14:10

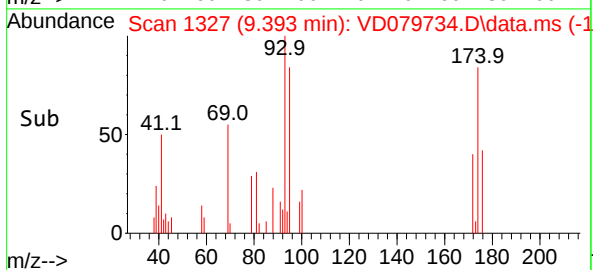
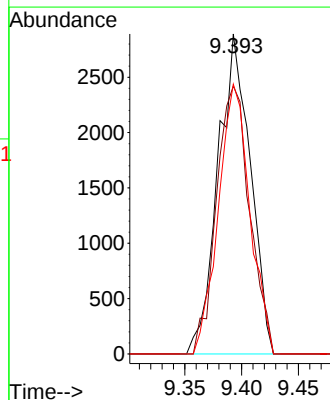
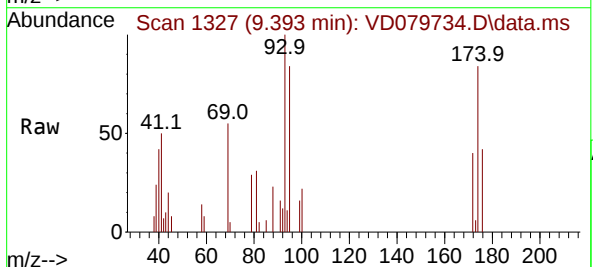
Tgt Ion: 93 Resp: 5721

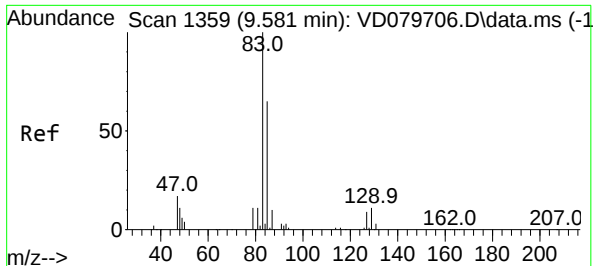
Ion Ratio Lower Upper

93 100

95 86.0 65.6 98.4

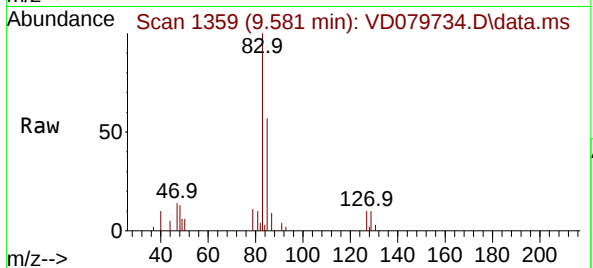
174 81.9 82.3 123.5





#47
Bromodichloromethane
Concen: 5.102 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VD079734.D
Acq: 14 Aug 2024 14:10

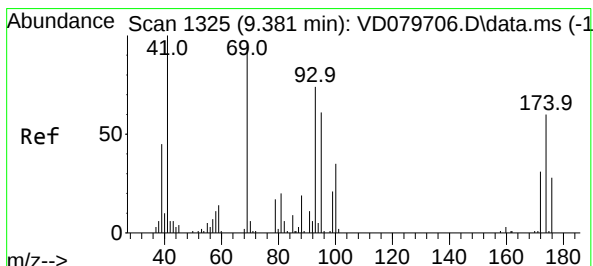
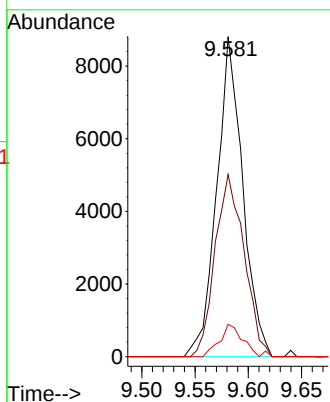
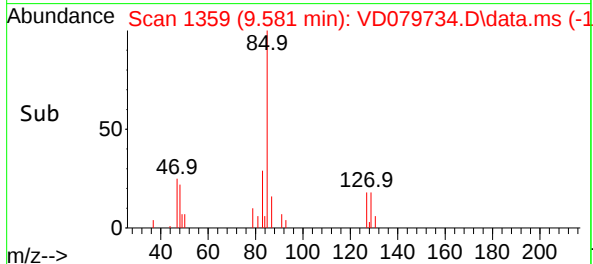
Instrument : MSVOA_D
ClientSampleId : LOQ-SOIL-02-QT3-2024



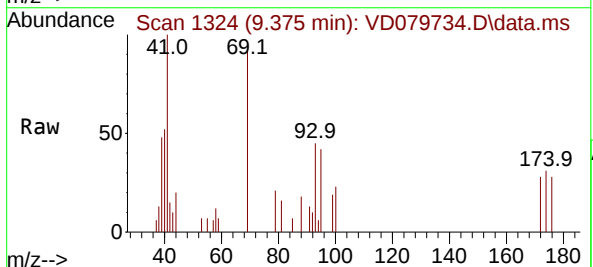
Tgt Ion: 83 Resp: 14936
Ion Ratio Lower Upper
83 100
85 56.9 50.1 75.1
127 10.1 6.8 10.2

Manual Integrations
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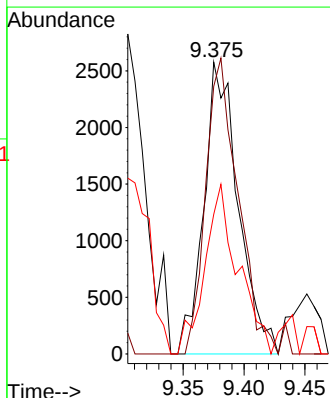
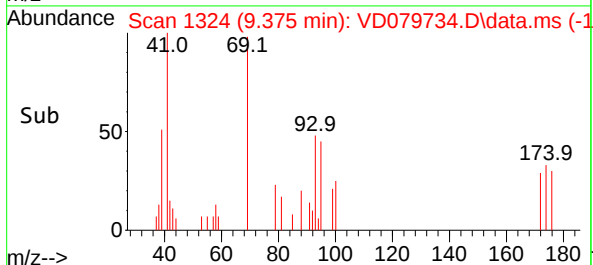
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024

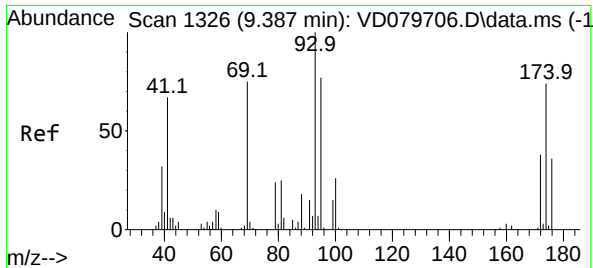


#48
Methyl methacrylate
Concen: 4.878 ug/l
RT: 9.375 min Scan# 1324
Delta R.T. -0.006 min
Lab File: VD079734.D
Acq: 14 Aug 2024 14:10



Tgt Ion: 41 Resp: 5074
Ion Ratio Lower Upper
41 100
69 95.6 96.7 145.1#
39 56.3 43.8 65.6





#49

1,4-Dioxane

Concen: 120.462 ug/l

RT: 9.387 min Scan# 1326

Delta R.T. -0.000 min

Lab File: VD079734.D

Acq: 14 Aug 2024 14:10

Instrument :

MSVOA_D

ClientSampleId :

LOQ-SOIL-02-QT3-2024

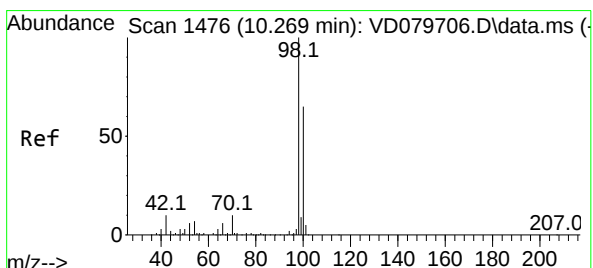
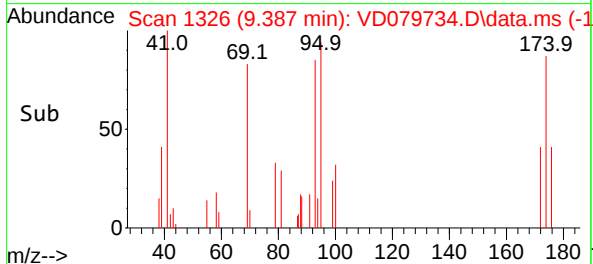
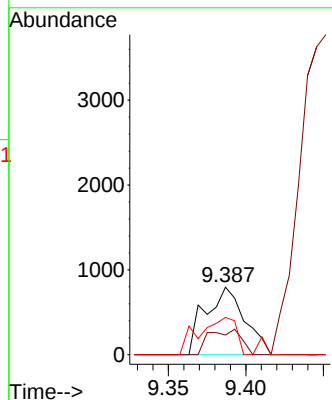
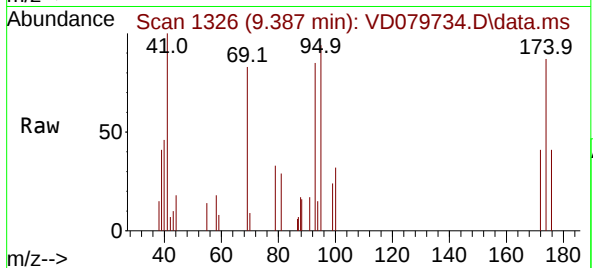
Tgt Ion: 88 Resp: 1408

Ion	Ratio	Lower	Upper
88	100		
43	30.3	21.5	32.3
58	51.5	42.2	63.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#50

Toluene-d8

Concen: 49.883 ug/l

RT: 10.269 min Scan# 1476

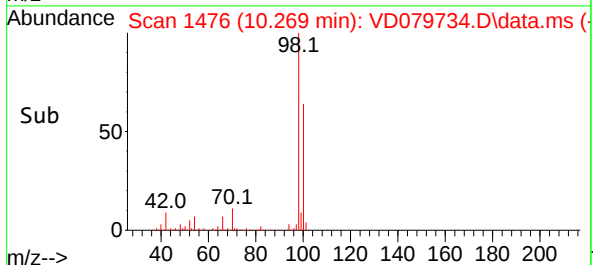
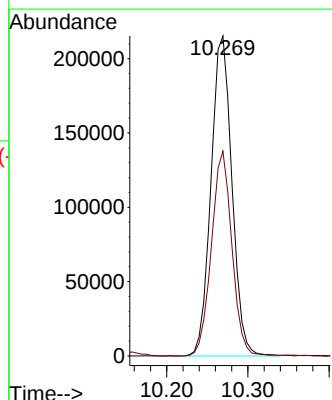
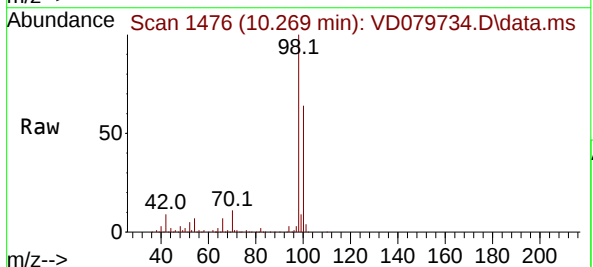
Delta R.T. 0.000 min

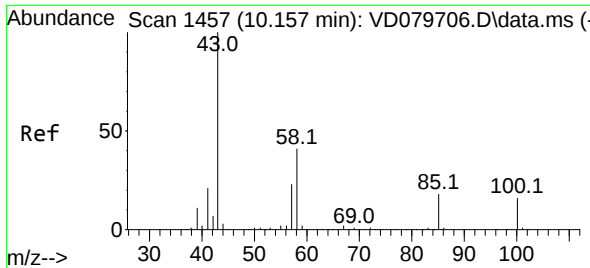
Lab File: VD079734.D

Acq: 14 Aug 2024 14:10

Tgt Ion: 98 Resp: 385410

Ion	Ratio	Lower	Upper
98	100		
100	62.7	51.6	77.4





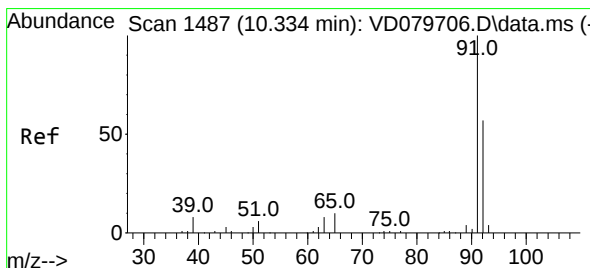
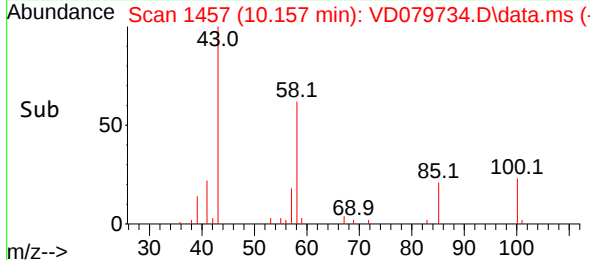
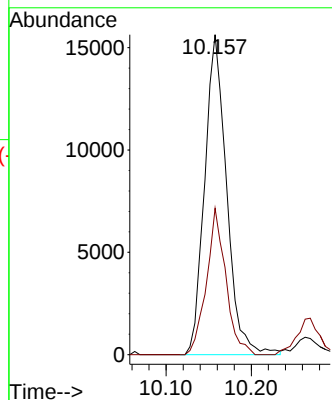
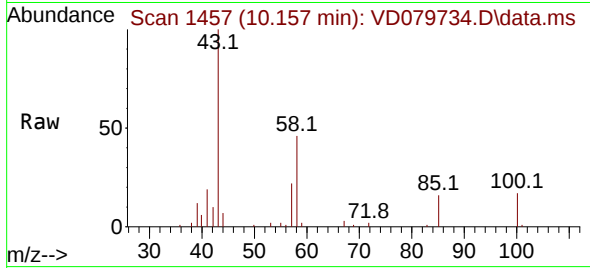
#51
4-Methyl-2-Pentanone
Concen: 24.057 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD079734.D
Acq: 14 Aug 2024 14:10

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

Tgt Ion: 43 Resp: 2799
Ion Ratio Lower Upper
43 100
58 40.4 36.6 55.0

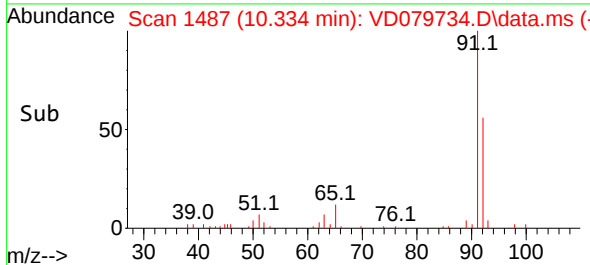
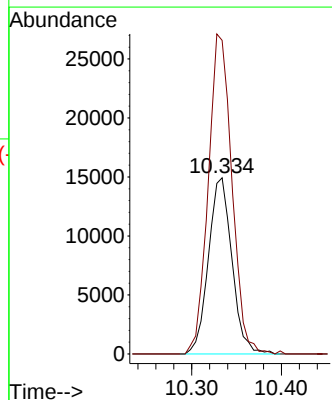
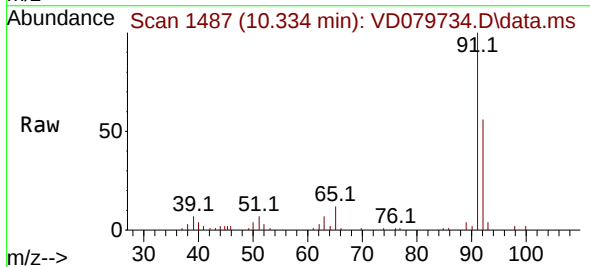
Manual Integrations
APPROVED

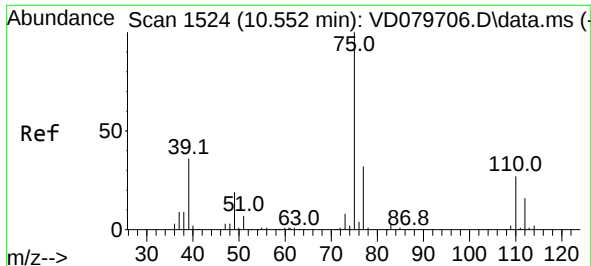
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#52
Toluene
Concen: 4.863 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD079734.D
Acq: 14 Aug 2024 14:10

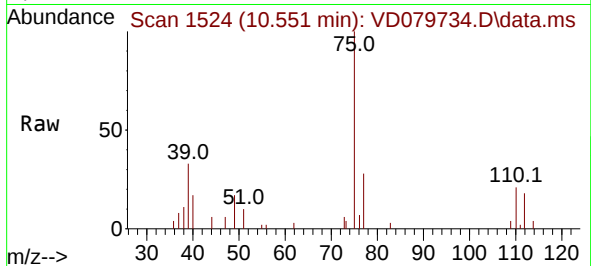
Tgt Ion: 92 Resp: 27178
Ion Ratio Lower Upper
92 100
91 182.5 141.7 212.5





#53
t-1,3-Dichloropropene
Concen: 4.899 ug/l
RT: 10.551 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079734.D
Acq: 14 Aug 2024 14:10

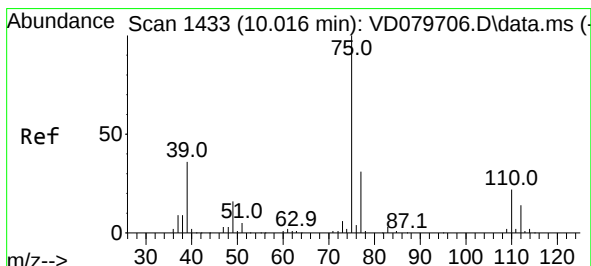
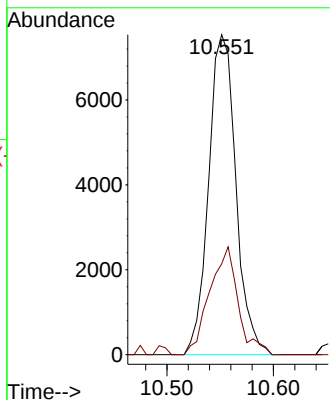
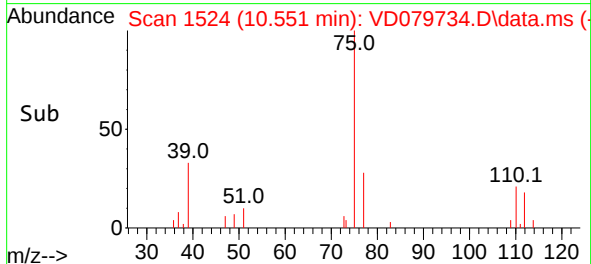
Instrument : MSVOA_D
ClientSampleId : LOQ-SOIL-02-QT3-2024



Tgt Ion: 75 Resp: 13400
Ion Ratio Lower Upper
75 100
77 28.4 25.0 37.6

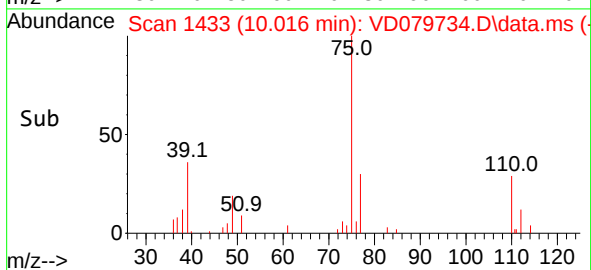
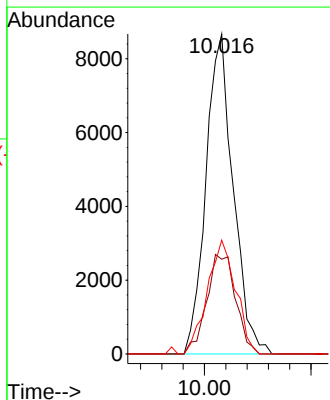
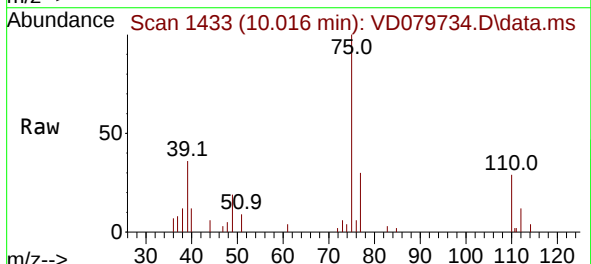
Manual Integrations
APPROVED

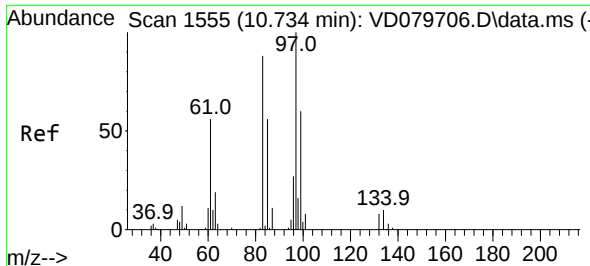
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#54
cis-1,3-Dichloropropene
Concen: 4.588 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD079734.D
Acq: 14 Aug 2024 14:10

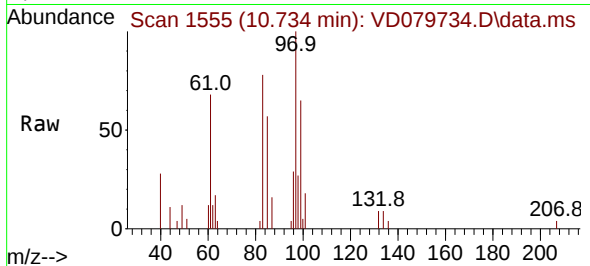
Tgt Ion: 75 Resp: 15409
Ion Ratio Lower Upper
75 100
77 29.6 24.4 36.6
39 35.6 24.2 36.2





#55
1,1,2-Trichloroethane
Concen: 5.164 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD079734.D
Acq: 14 Aug 2024 14:10

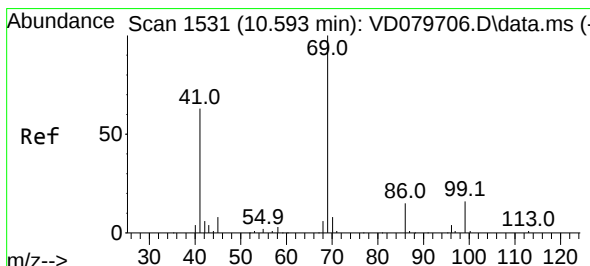
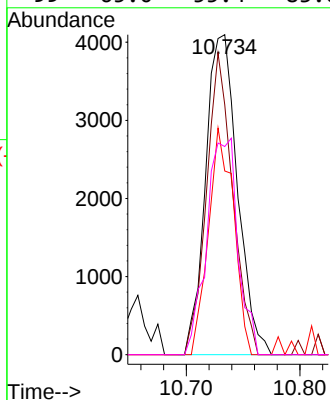
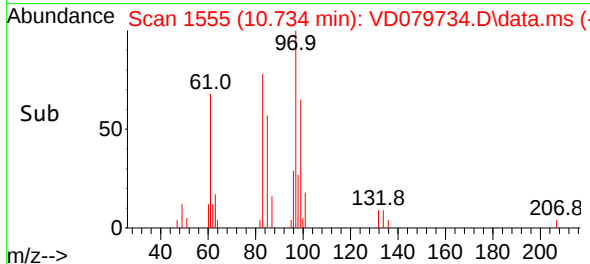
Instrument : MSVOA_D
ClientSampleId : LOQ-SOIL-02-QT3-2024



Tgt Ion	Ratio	Lower	Upper
97	100		
83	78.1	65.8	98.8
85	57.4	43.8	65.8
99	65.0	55.4	83.0

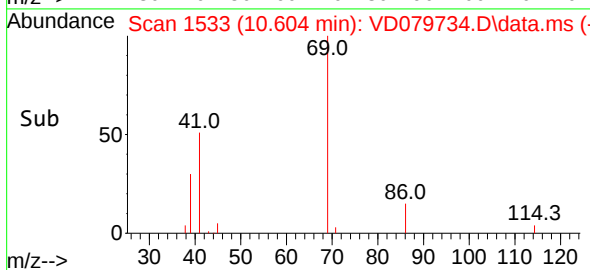
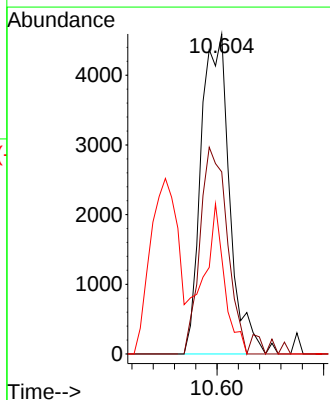
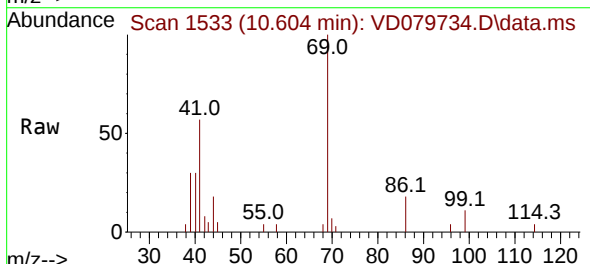
Manual Integrations
APPROVED

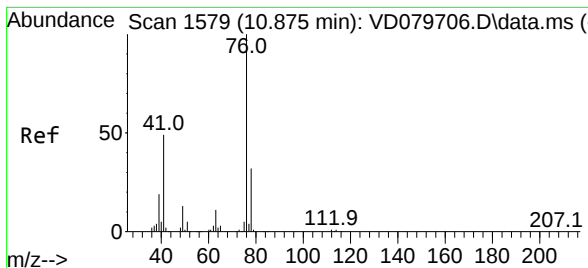
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#56
Ethyl methacrylate
Concen: 4.514 ug/l
RT: 10.604 min Scan# 1533
Delta R.T. 0.011 min
Lab File: VD079734.D
Acq: 14 Aug 2024 14:10

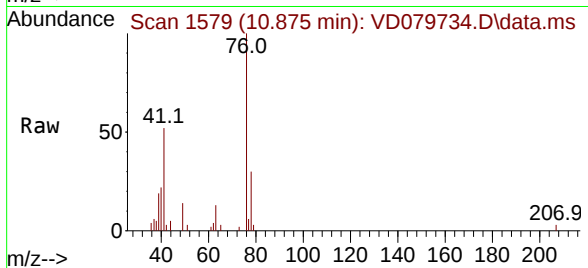
Tgt Ion	Ratio	Lower	Upper
69	100		
41	61.5	39.8	59.6#
39	33.0	20.2	30.4#





#57
1,3-Dichloropropane
Concen: 5.189 ug/l
RT: 10.875 min Scan# 1579
Delta R.T. -0.000 min
Lab File: VD079734.D
Acq: 14 Aug 2024 14:10

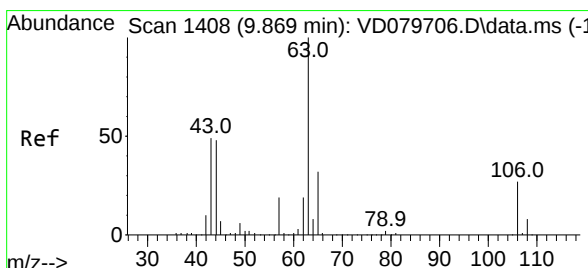
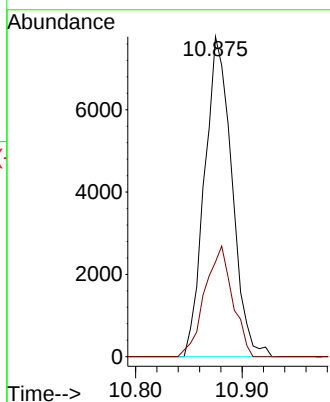
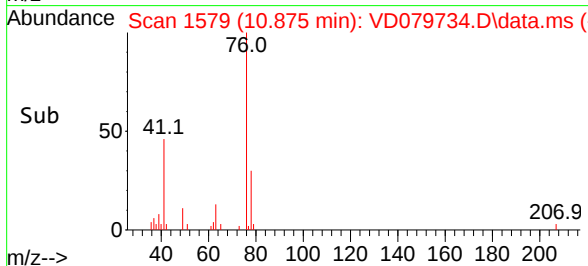
Instrument : MSVOA_D
ClientSampleId : LOQ-SOIL-02-QT3-2024



Tgt Ion: 76 Resp: 13849
Ion Ratio Lower Upper
76 100
78 35.1 26.2 39.2

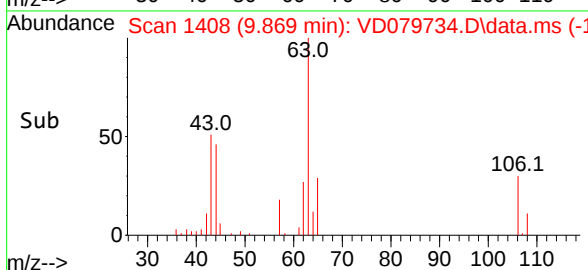
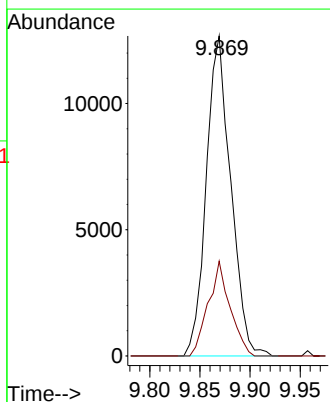
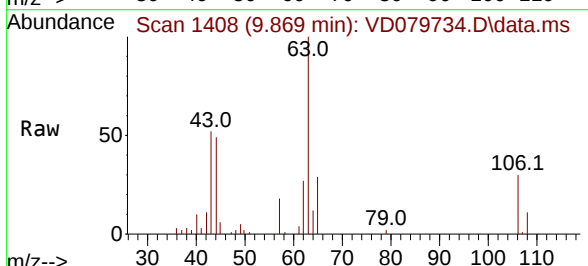
Manual Integrations
APPROVED

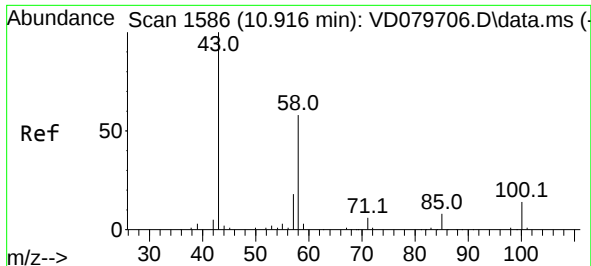
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#58
2-Chloroethyl Vinyl ether
Concen: 25.461 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. -0.000 min
Lab File: VD079734.D
Acq: 14 Aug 2024 14:10

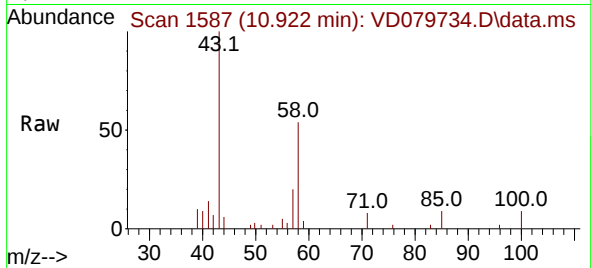
Tgt Ion: 63 Resp: 21495
Ion Ratio Lower Upper
63 100
106 26.4 26.4 39.6





#59
2-Hexanone
Concen: 22.665 ug/l
RT: 10.922 min Scan# 1586
Delta R.T. 0.006 min
Lab File: VD079734.D
Acq: 14 Aug 2024 14:10

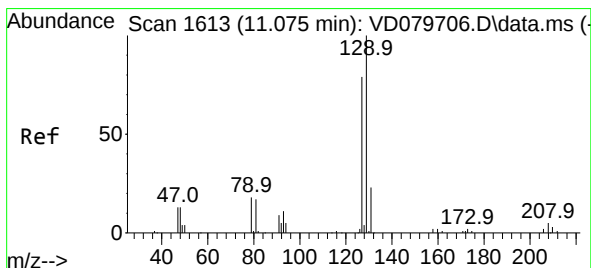
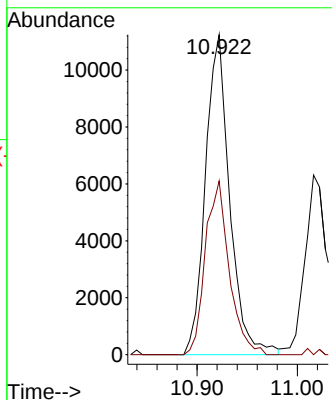
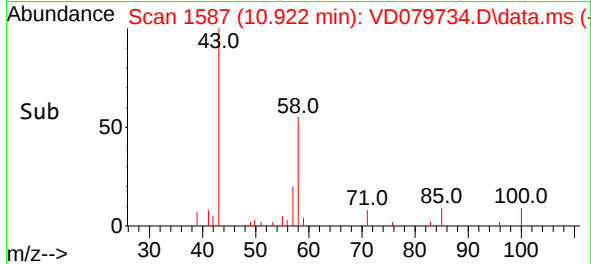
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2024



Tgt Ion: 43 Resp: 1886
Ion Ratio Lower Upper
43 100
58 53.5 31.1 93.5

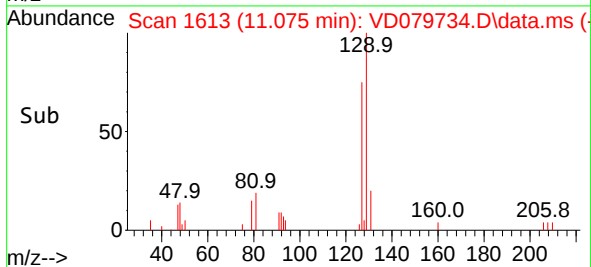
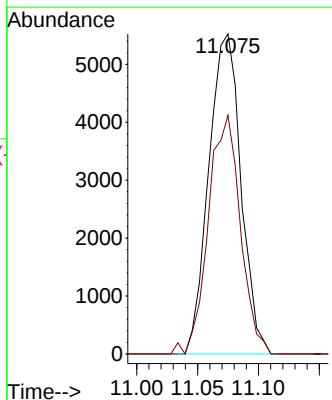
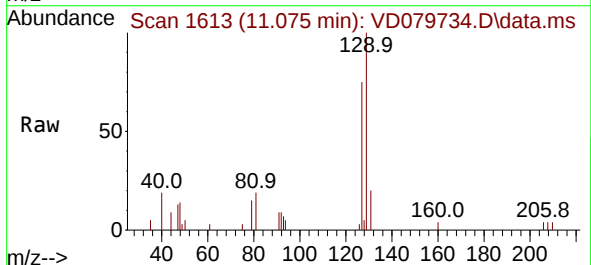
Manual Integrations
APPROVED

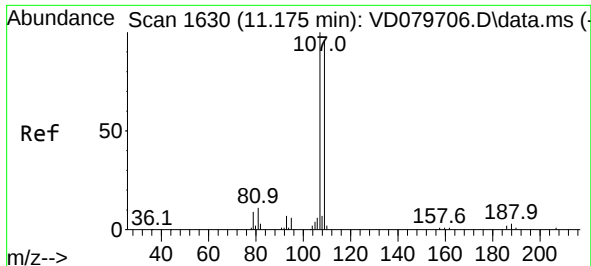
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#60
Dibromochloromethane
Concen: 5.334 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD079734.D
Acq: 14 Aug 2024 14:10

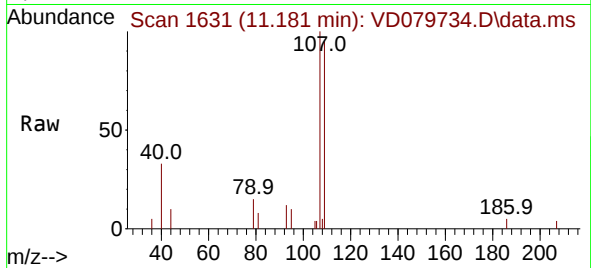
Tgt Ion:129 Resp: 10174
Ion Ratio Lower Upper
129 100
127 73.9 38.0 113.9





#61
1,2-Dibromoethane
Concen: 5.000 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.006 min
Lab File: VD079734.D
Acq: 14 Aug 2024 14:10

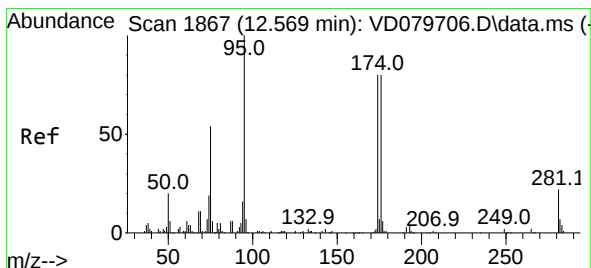
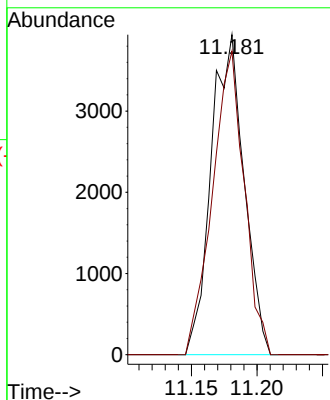
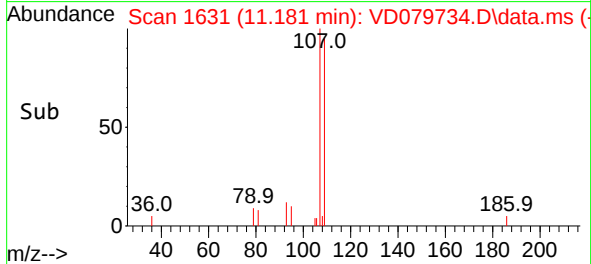
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2024



Tgt Ion:107 Resp: 6874
Ion Ratio Lower Upper
107 100
109 91.7 72.0 108.0

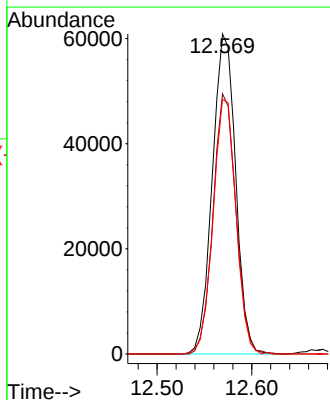
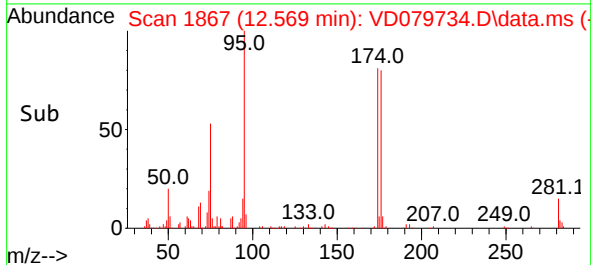
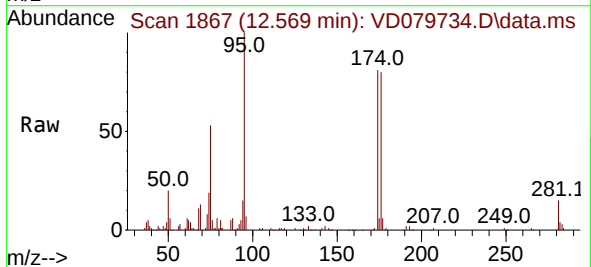
Manual Integrations
APPROVED

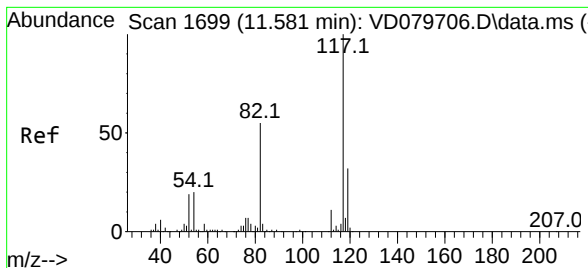
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#62
4-Bromofluorobenzene
Concen: 48.103 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD079734.D
Acq: 14 Aug 2024 14:10

Tgt Ion: 95 Resp: 104062
Ion Ratio Lower Upper
95 100
174 79.6 0.0 195.4
176 78.1 0.0 192.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD079734.D

Acq: 14 Aug 2024 14:10

Instrument :

MSVOA_D

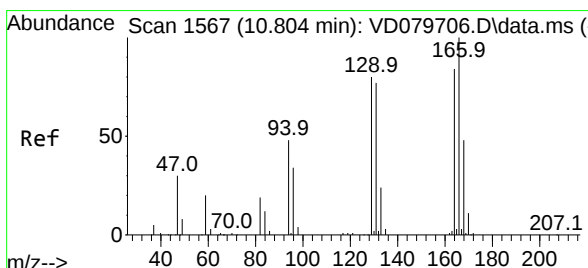
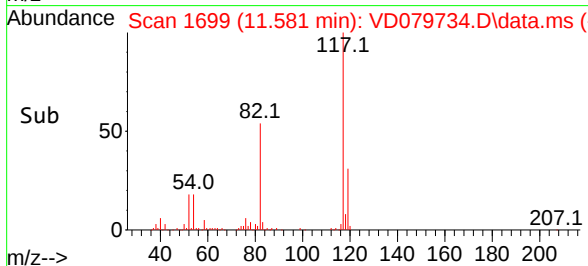
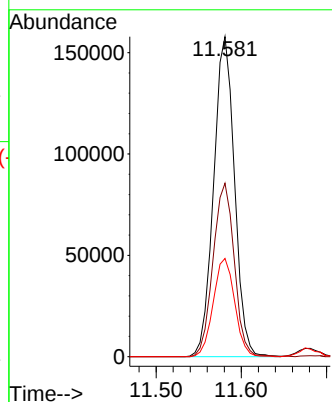
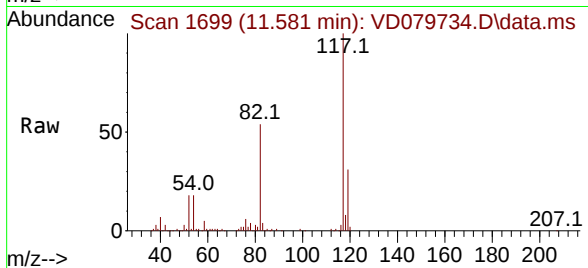
ClientSampleId :

LOQ-SOIL-02-QT3-2024

Tgt Ion:117	Resp: 26893
Ion Ratio	Lower Upper
117 100	
82 54.2	39.8 59.6
119 30.7	25.7 38.5

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#64

Tetrachloroethene

Concen: 4.822 ug/l

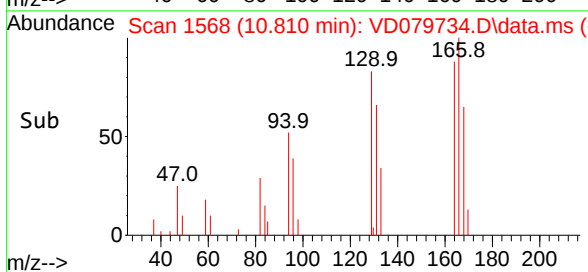
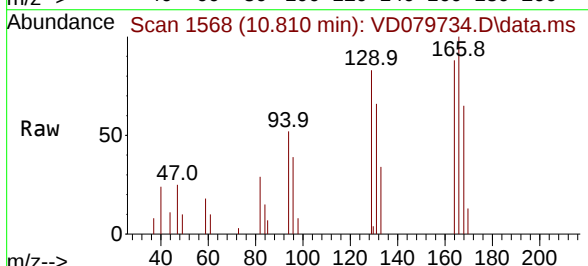
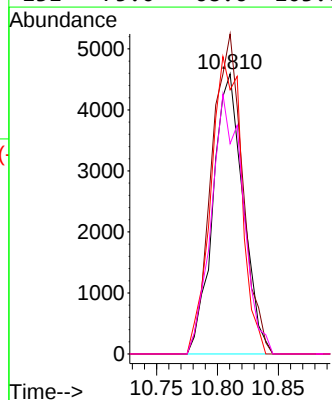
RT: 10.810 min Scan# 1568

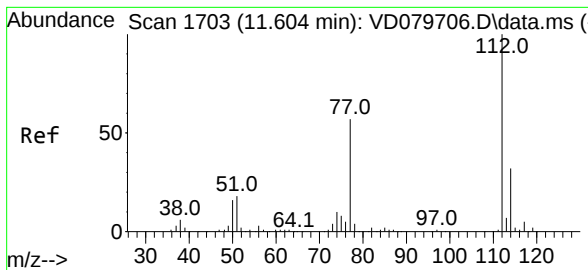
Delta R.T. 0.006 min

Lab File: VD079734.D

Acq: 14 Aug 2024 14:10

Tgt Ion:164	Resp: 7924
Ion Ratio	Lower Upper
164 100	
166 114.2	108.6 163.0
129 94.3	74.6 112.0
131 75.0	68.6 103.0





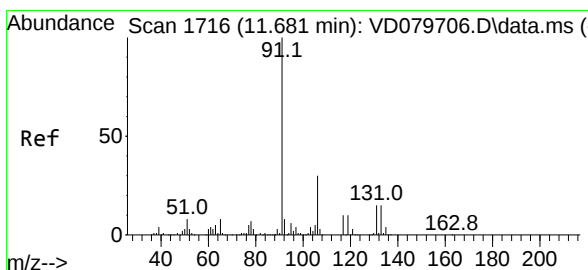
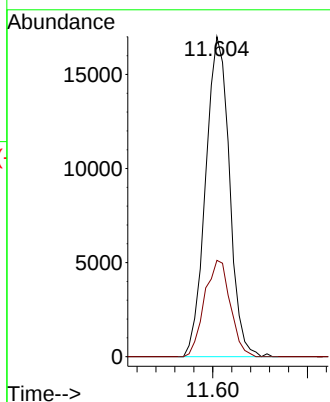
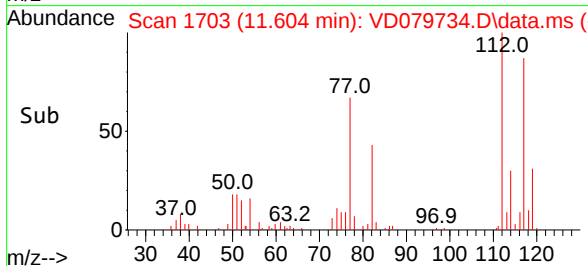
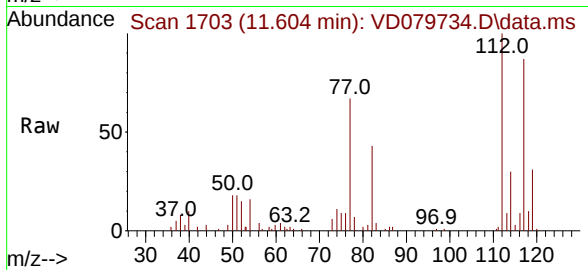
#65
Chlorobenzene
Concen: 5.032 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD079734.D
Acq: 14 Aug 2024 14:10

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

Tgt Ion:112 Resp: 29718
Ion Ratio Lower Upper
112 100
114 30.1 26.0 39.0

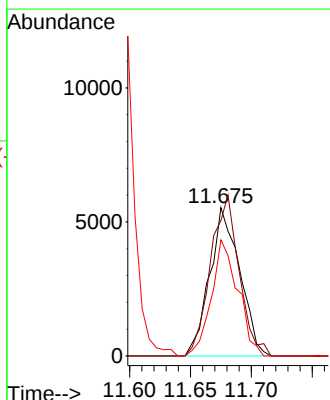
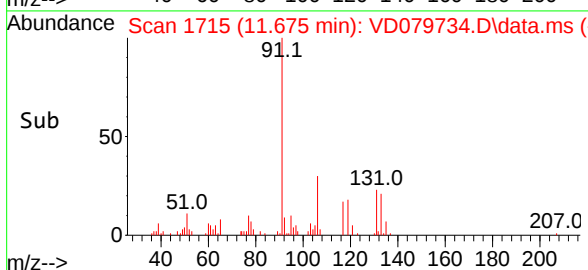
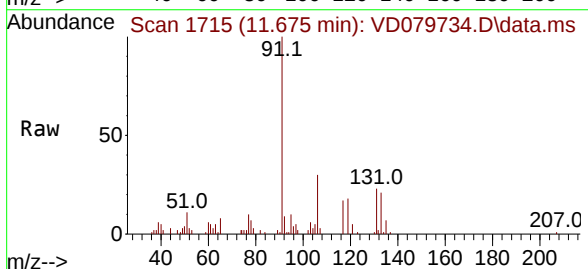
Manual Integrations
APPROVED

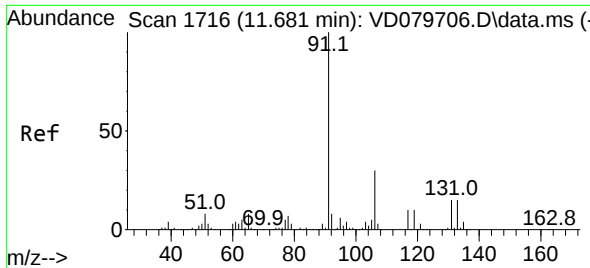
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 4.948 ug/l
RT: 11.675 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VD079734.D
Acq: 14 Aug 2024 14:10

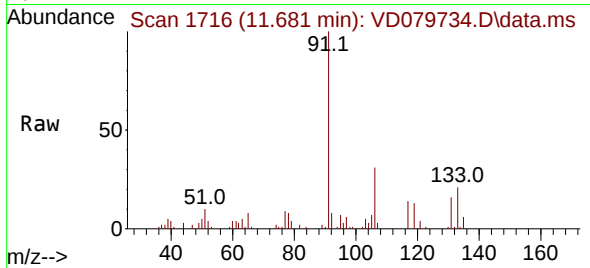
Tgt Ion:131 Resp: 9526
Ion Ratio Lower Upper
131 100
133 102.9 49.2 147.6
119 68.9 33.4 100.2





#67
Ethyl Benzene
Concen: 4.525 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD079734.D
Acq: 14 Aug 2024 14:10

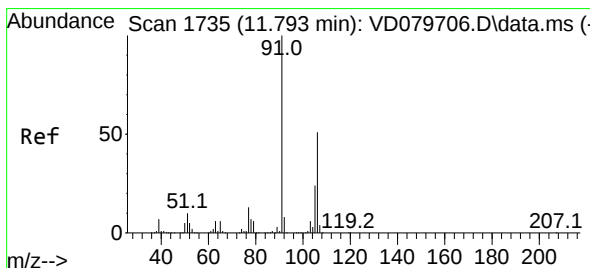
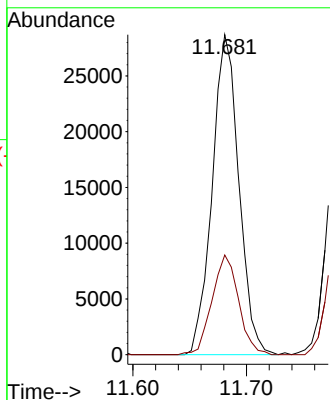
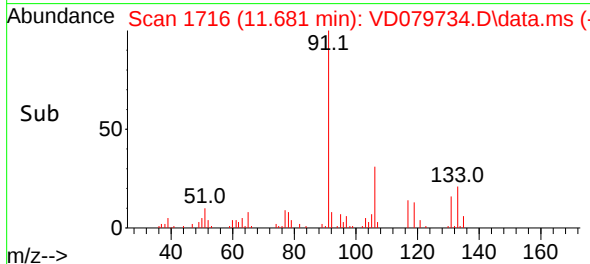
Instrument : MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2024



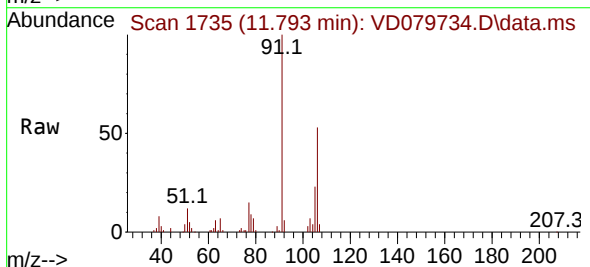
Tgt Ion: 91 Resp: 4689
Ion Ratio Lower Upper
91 100
106 31.2 25.8 38.6

Manual Integrations
APPROVED

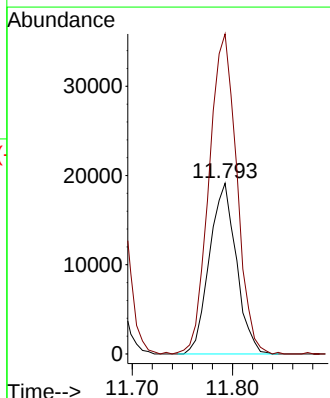
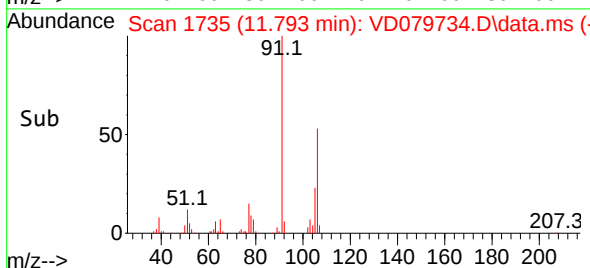
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024

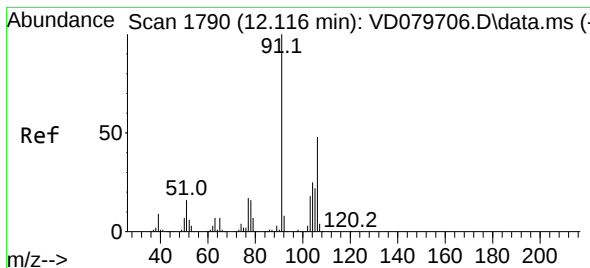


#68
m/p-Xylenes
Concen: 8.846 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD079734.D
Acq: 14 Aug 2024 14:10



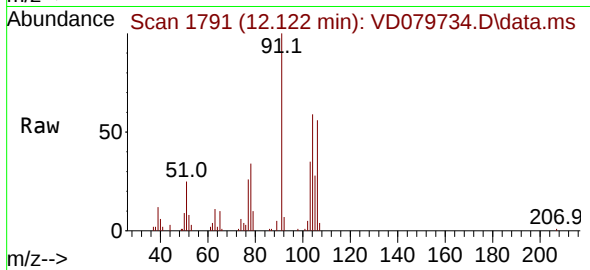
Tgt Ion:106 Resp: 35643
Ion Ratio Lower Upper
106 100
91 193.6 148.5 222.7





#69
o-Xylene
Concen: 4.355 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.006 min
Lab File: VD079734.D
Acq: 14 Aug 2024 14:10

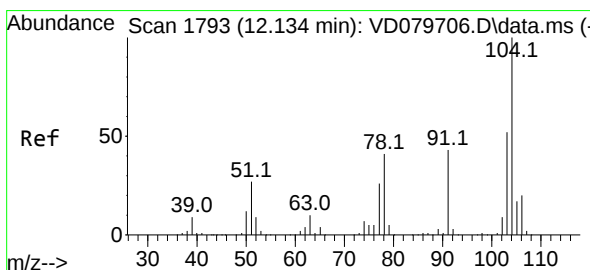
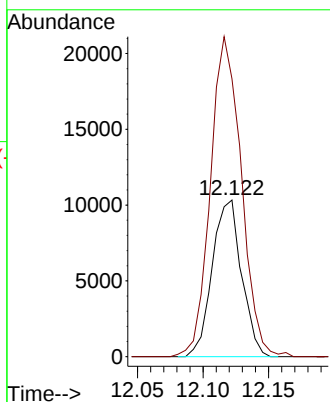
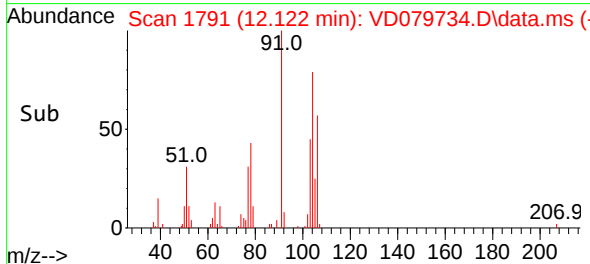
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2024



Tgt Ion:106 Resp: 16036
Ion Ratio Lower Upper
106 100
91 215.7 96.7 290.1

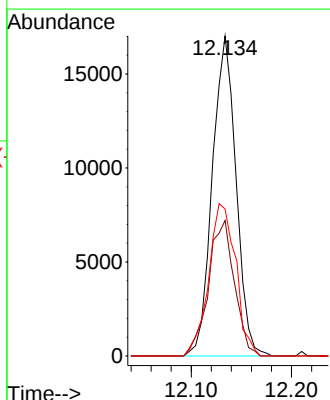
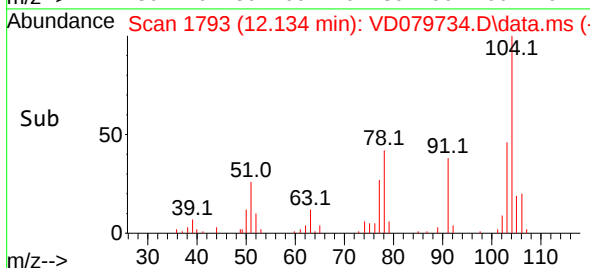
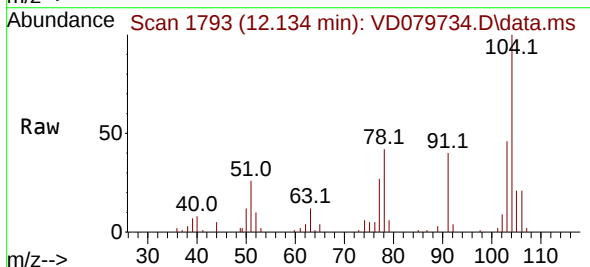
Manual Integrations
APPROVED

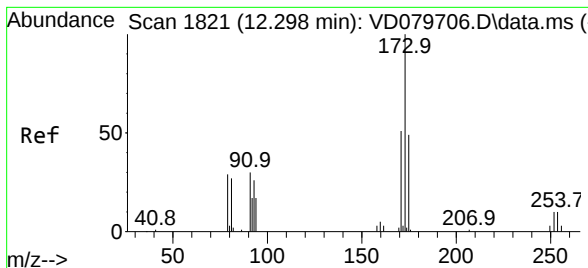
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#70
Styrene
Concen: 4.325 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD079734.D
Acq: 14 Aug 2024 14:10

Tgt Ion:104 Resp: 27938
Ion Ratio Lower Upper
104 100
78 46.4 33.0 49.6
103 54.2 44.2 66.4





#71

Bromoform

Concen: 5.152 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. -0.000 min

Lab File: VD079734.D

Acq: 14 Aug 2024 14:10

Instrument :

MSVOA_D

ClientSampleId :

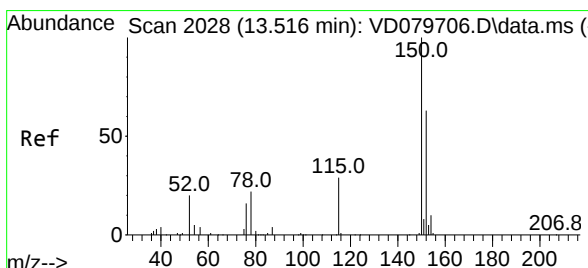
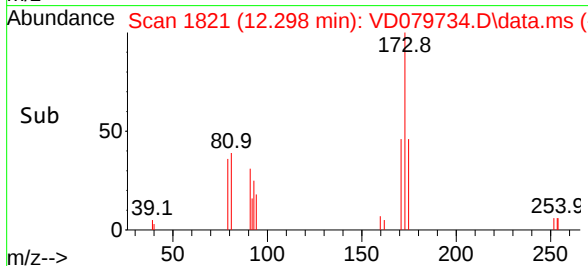
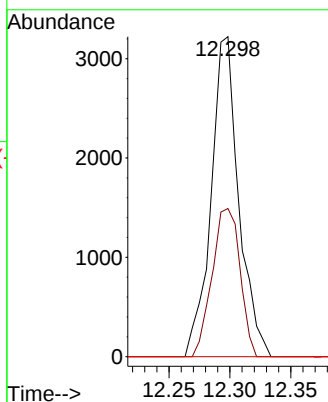
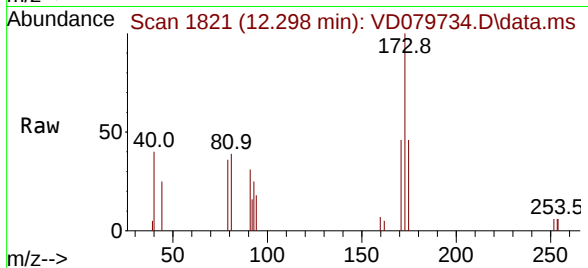
LOQ-SOIL-02-QT3-2024

Tgt Ion:173	Resp: 5099
Ion Ratio	Lower Upper
173 100	
175 46.6	23.7 71.1
254 0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

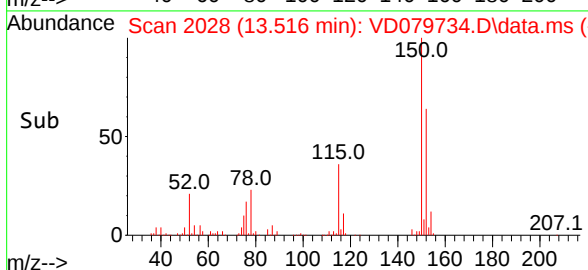
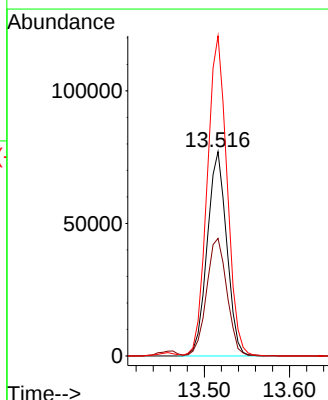
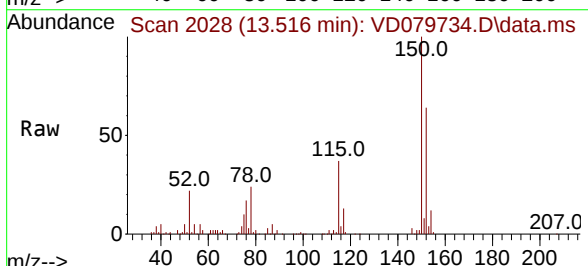
RT: 13.516 min Scan# 2028

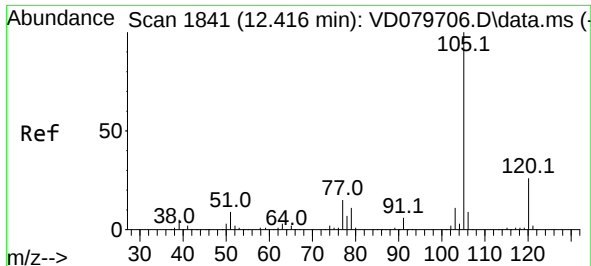
Delta R.T. -0.000 min

Lab File: VD079734.D

Acq: 14 Aug 2024 14:10

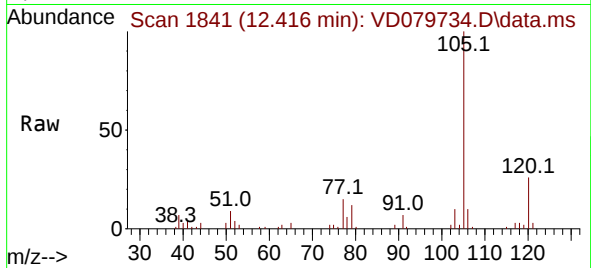
Tgt Ion:152	Resp: 122483
Ion Ratio	Lower Upper
152 100	
115 60.1	26.5 79.5
150 159.0	0.0 341.6





#73
Isopropylbenzene
Concen: 4.571 ug/l
RT: 12.416 min Scan# 1841
Delta R.T. -0.000 min
Lab File: VD079734.D
Acq: 14 Aug 2024 14:10

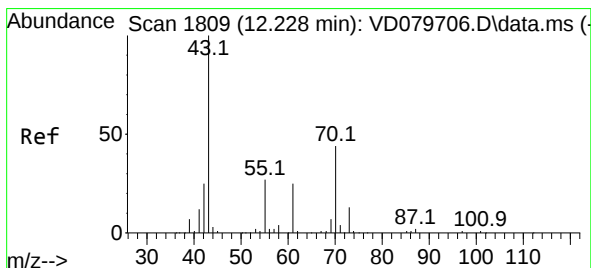
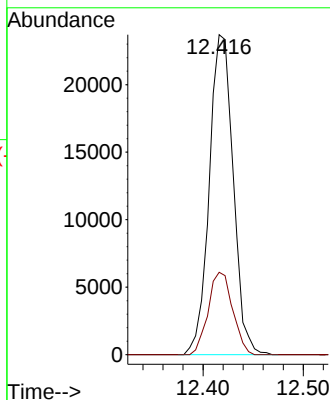
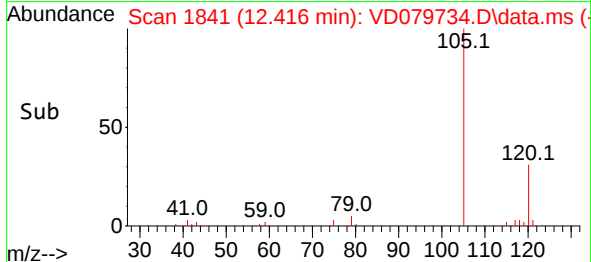
Instrument : MSVOA_D
ClientSampleId : LOQ-SOIL-02-QT3-2024



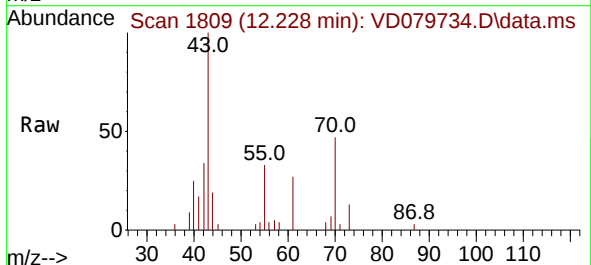
Tgt Ion:105 Resp: 39308
Ion Ratio Lower Upper
105 100
120 26.3 13.6 40.7

Manual Integrations
APPROVED

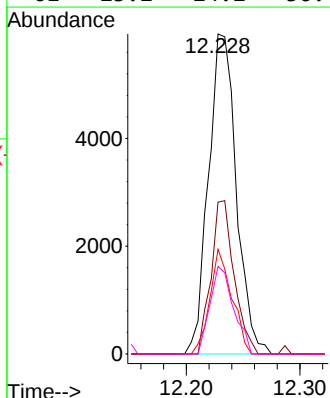
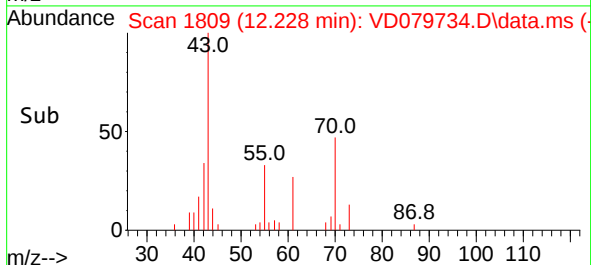
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024

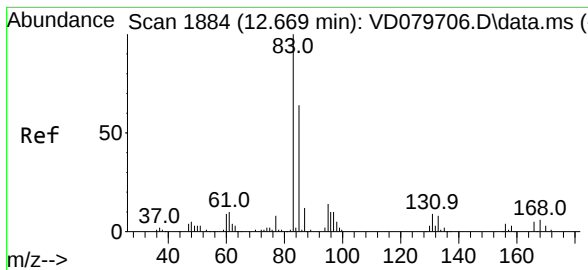


#74
N-ethyl acetate
Concen: 5.284 ug/l
RT: 12.228 min Scan# 1809
Delta R.T. -0.000 min
Lab File: VD079734.D
Acq: 14 Aug 2024 14:10



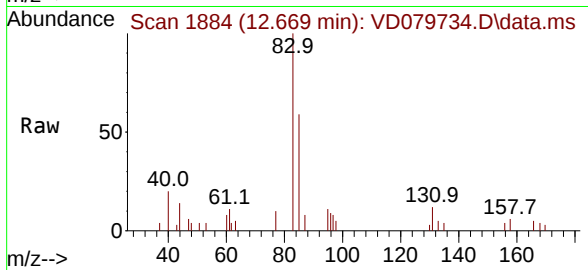
Tgt Ion: 43 Resp: 10123
Ion Ratio Lower Upper
43 100
70 39.6 44.3 66.5#
55 25.9 23.2 34.8
61 23.2 24.2 36.4#





#75
1,1,2,2-Tetrachloroethane
Concen: 6.002 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VD079734.D
Acq: 14 Aug 2024 14:10

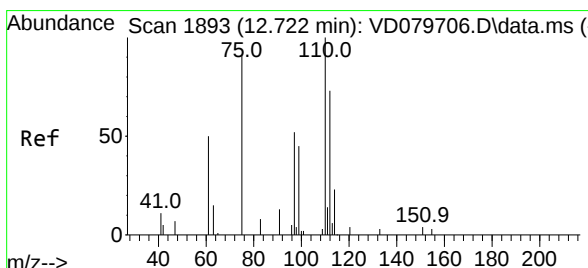
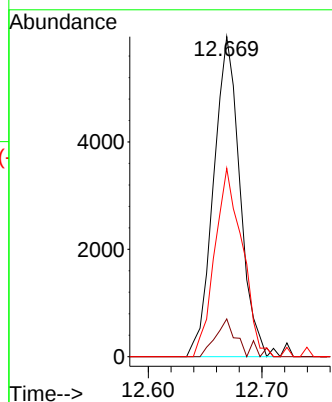
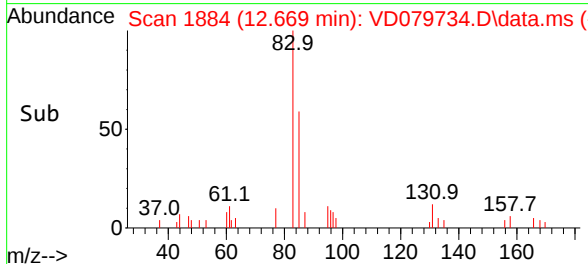
Instrument : MSVOA_D
ClientSampleId : LOQ-SOIL-02-QT3-2024



Tgt Ion: 83 Resp: 9630
Ion Ratio Lower Upper
83 100
131 8.7 5.5 16.5
85 61.7 33.8 101.3

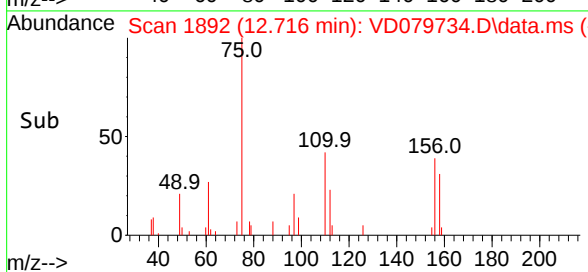
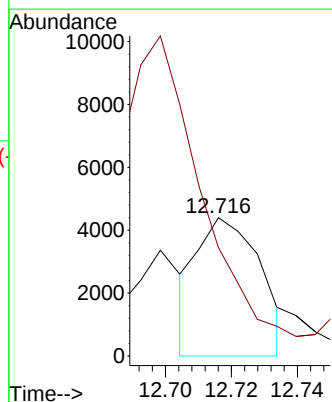
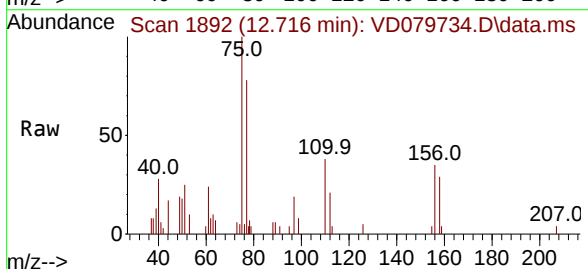
Manual Integrations
APPROVED

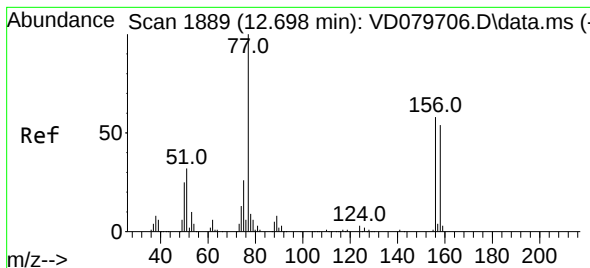
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#76
1,2,3-Trichloropropane
Concen: 5.853 ug/l m
RT: 12.716 min Scan# 1892
Delta R.T. -0.006 min
Lab File: VD079734.D
Acq: 14 Aug 2024 14:10

Tgt Ion: 75 Resp: 5844
Ion Ratio Lower Upper
75 100
77 325.2 0.0 0.0#





#77

Bromobenzene

Concen: 5.499 ug/l

RT: 12.693 min Scan# 1888

Delta R.T. -0.006 min

Lab File: VD079734.D

Acq: 14 Aug 2024 14:10

Instrument :

MSVOA_D

ClientSampleId :

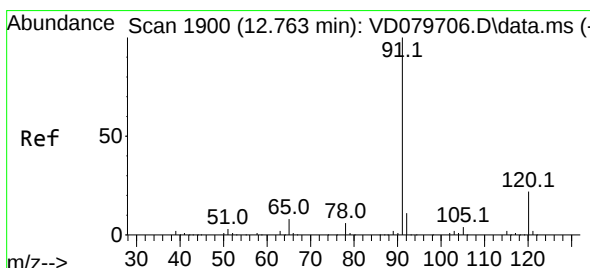
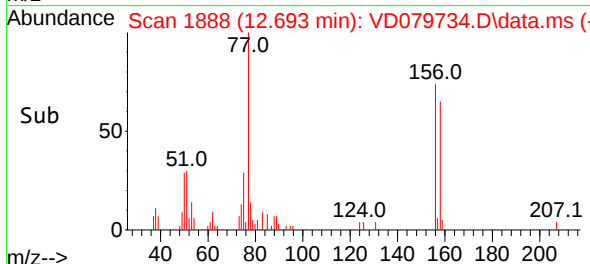
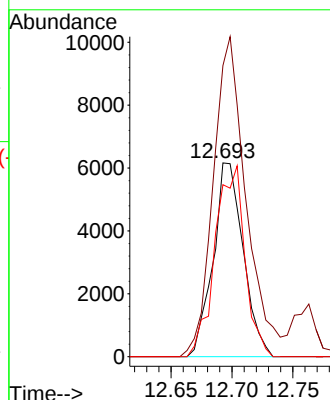
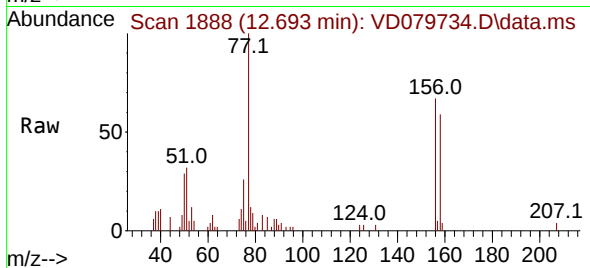
LOQ-SOIL-02-QT3-2024

Tgt Ion:	156	Resp:	10570
Ion Ratio	Lower	Upper	
156	100		
77	179.7	77.3	231.9
158	97.6	49.6	149.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#78

n-propylbenzene

Concen: 4.871 ug/l

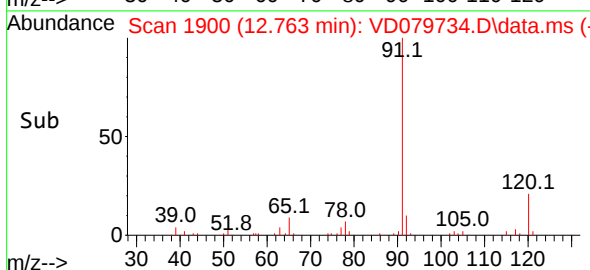
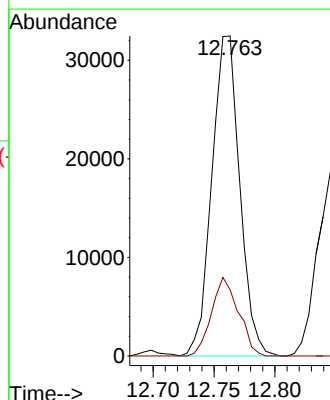
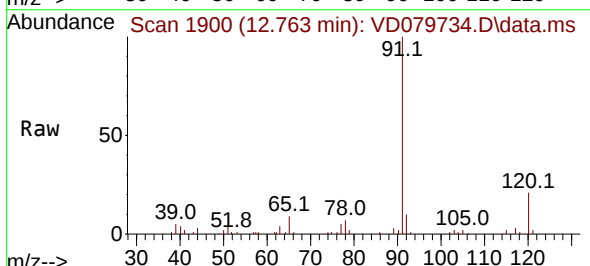
RT: 12.763 min Scan# 1900

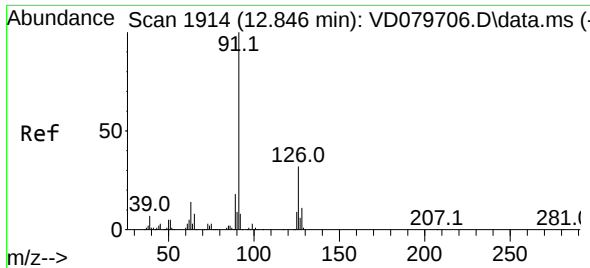
Delta R.T. -0.000 min

Lab File: VD079734.D

Acq: 14 Aug 2024 14:10

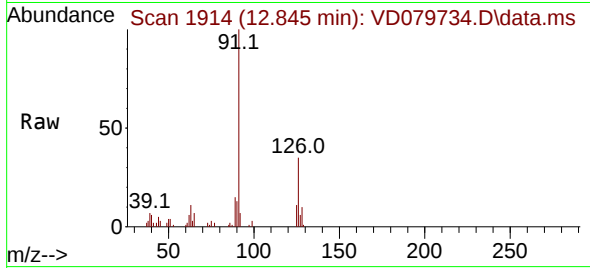
Tgt Ion:	91	Resp:	51834
Ion Ratio	Lower	Upper	
91	100		
120	23.7	12.3	36.8





#79
2-Chlorotoluene
Concen: 5.008 ug/l
RT: 12.845 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VD079734.D
Acq: 14 Aug 2024 14:10

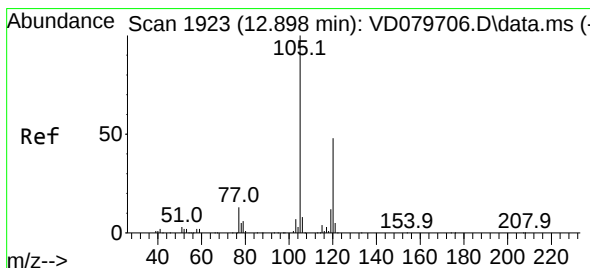
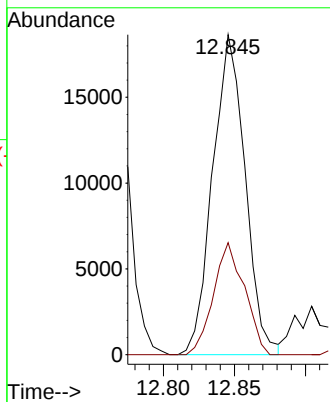
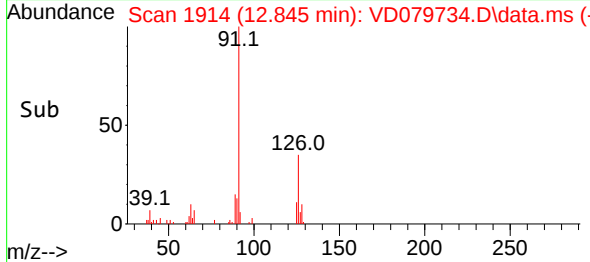
Instrument : MSVOA_D
ClientSampleId : LOQ-SOIL-02-QT3-2024



Tgt Ion: 91 Resp: 29675
Ion Ratio Lower Upper
91 100
126 33.5 19.3 57.8

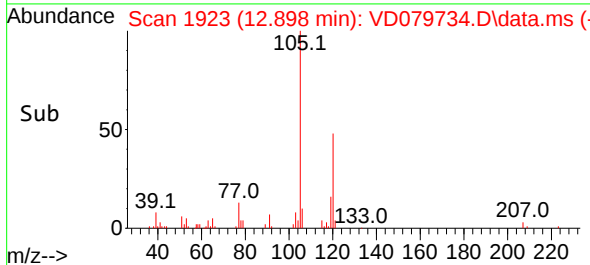
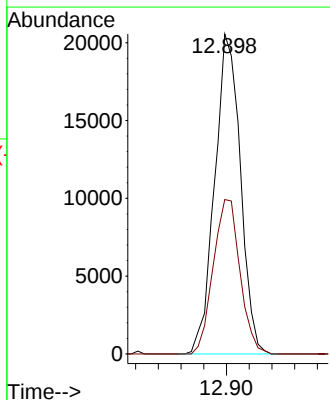
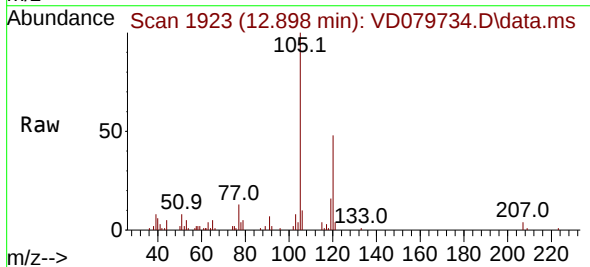
Manual Integrations
APPROVED

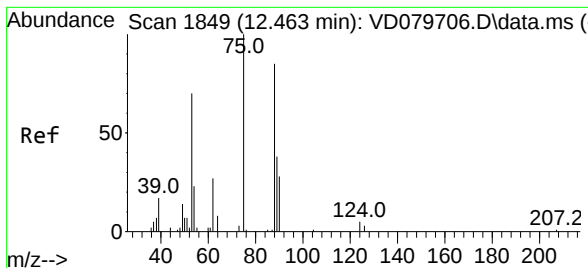
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#80
1,3,5-Trimethylbenzene
Concen: 4.531 ug/l
RT: 12.898 min Scan# 1923
Delta R.T. -0.000 min
Lab File: VD079734.D
Acq: 14 Aug 2024 14:10

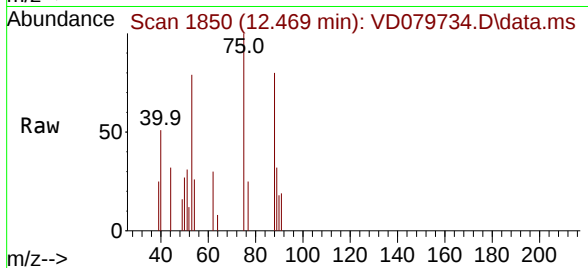
Tgt Ion:105 Resp: 32309
Ion Ratio Lower Upper
105 100
120 50.2 25.7 77.1





#81
trans-1,4-Dichloro-2-butene
Concen: 5.197 ug/l
RT: 12.469 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VD079734.D
Acq: 14 Aug 2024 14:10

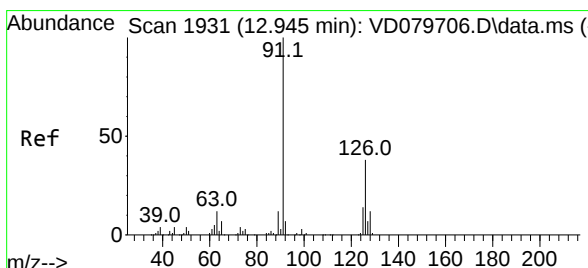
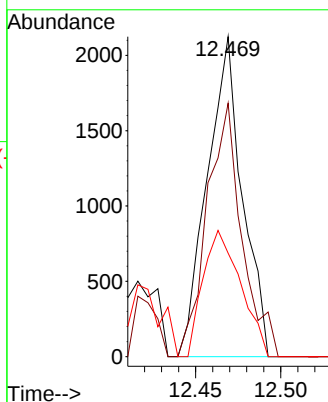
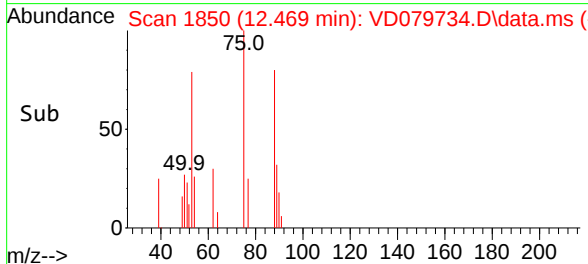
Instrument : MSVOA_D
ClientSampleId : LOQ-SOIL-02-QT3-2024



Tgt Ion: 75 Resp: 3049
Ion Ratio Lower Upper
75 100
53 78.6 61.4 92.2
89 42.4 35.4 53.0

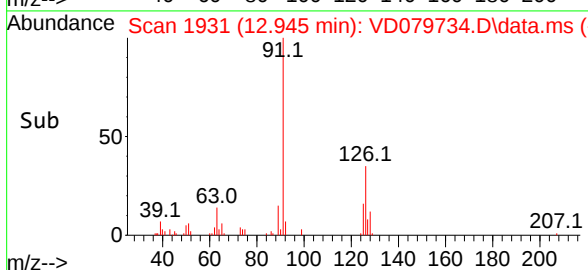
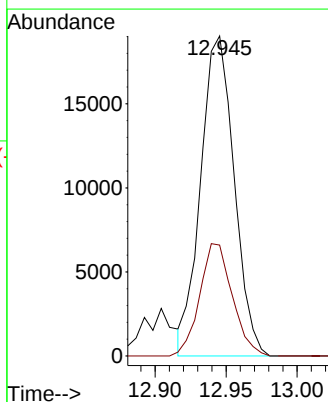
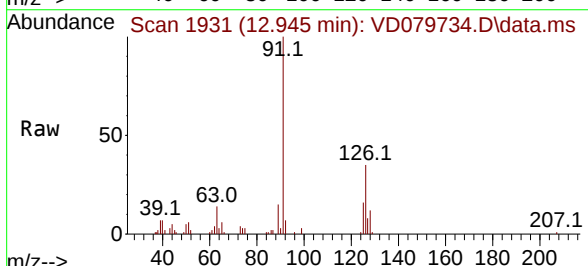
Manual Integrations
APPROVED

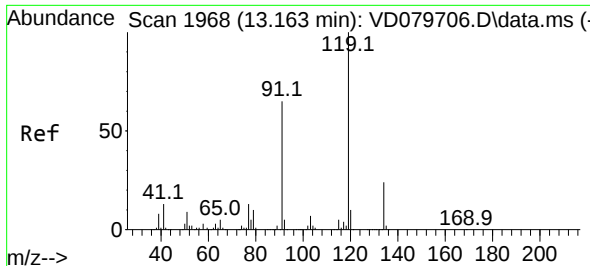
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#82
4-Chlorotoluene
Concen: 5.013 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD079734.D
Acq: 14 Aug 2024 14:10

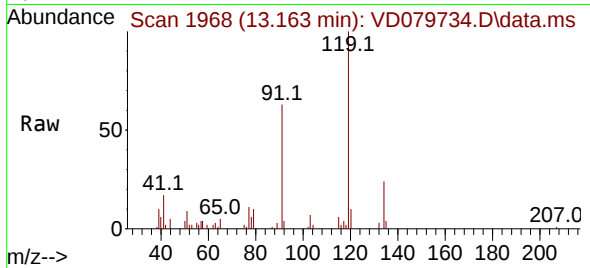
Tgt Ion: 91 Resp: 31234
Ion Ratio Lower Upper
91 100
126 34.2 18.9 56.9





#83
tert-Butylbenzene
Concen: 4.640 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. -0.000 min
Lab File: VD079734.D
Acq: 14 Aug 2024 14:10

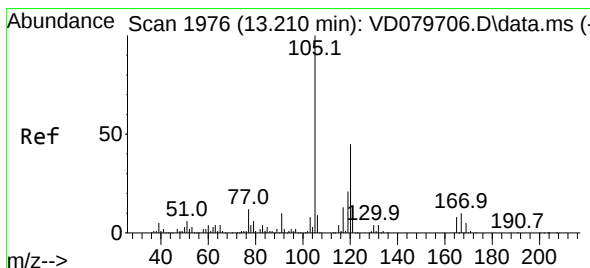
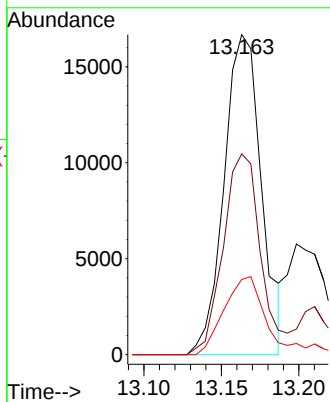
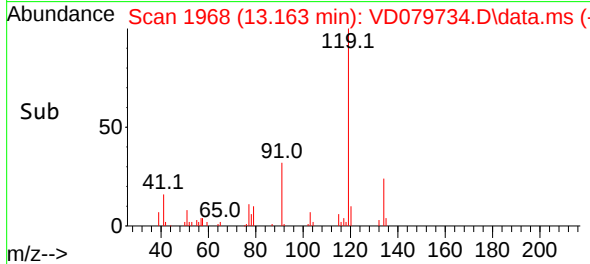
Instrument : MSVOA_D
ClientSampleId : LOQ-SOIL-02-QT3-2024



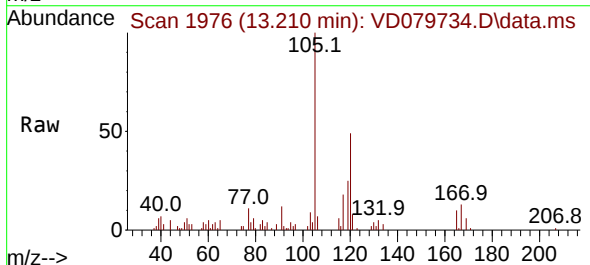
Tgt Ion:119 Resp: 27920
Ion Ratio Lower Upper
119 100
91 62.9 28.2 84.7
134 28.3 13.4 40.1

Manual Integrations
APPROVED

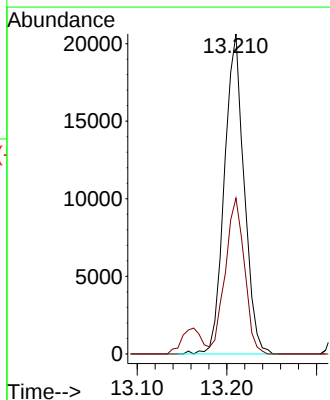
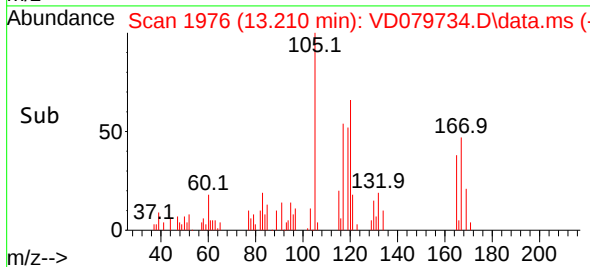
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024

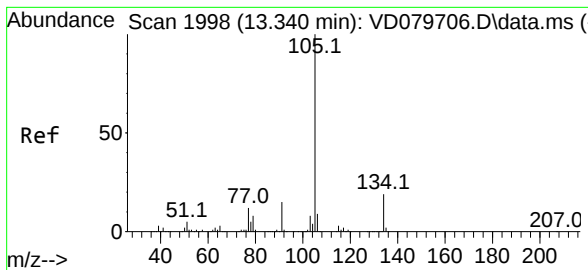


#84
1,2,4-Trimethylbenzene
Concen: 4.314 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD079734.D
Acq: 14 Aug 2024 14:10



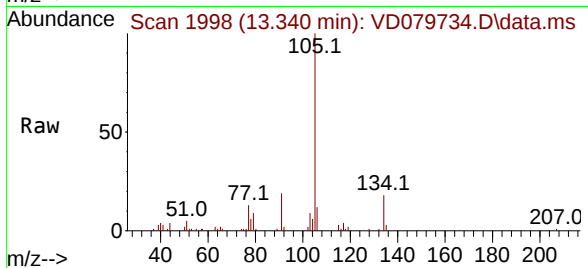
Tgt Ion:105 Resp: 31470
Ion Ratio Lower Upper
105 100
120 47.4 23.6 71.0





#85
 sec-Butylbenzene
 Concen: 4.491 ug/l
 RT: 13.340 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VD079734.D
 Acq: 14 Aug 2024 14:10

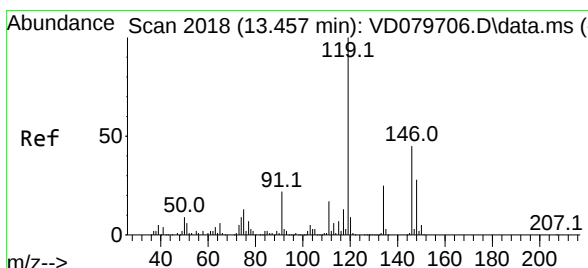
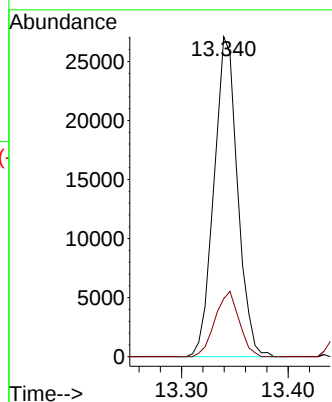
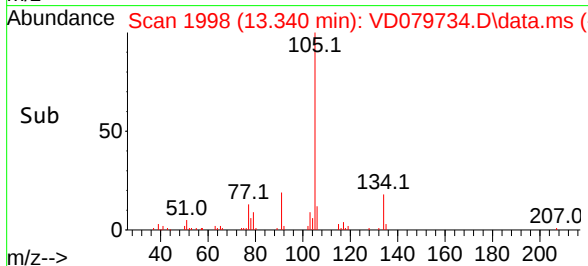
Instrument : MSVOA_D
 ClientSampleId : LOQ-SOIL-02-QT3-2024



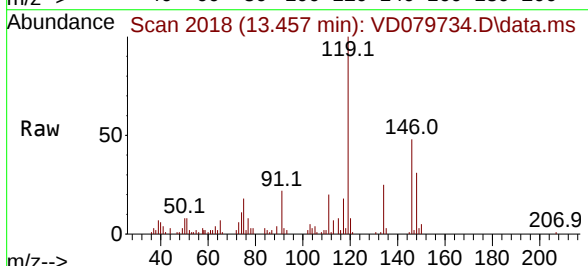
Tgt Ion:105 Resp: 41649
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.3 30.8

Manual Integrations
 APPROVED

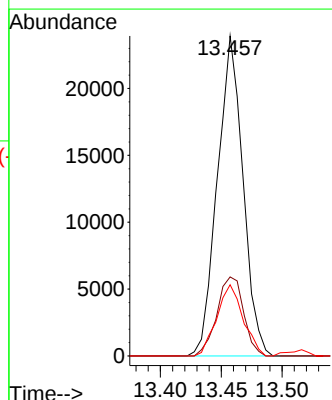
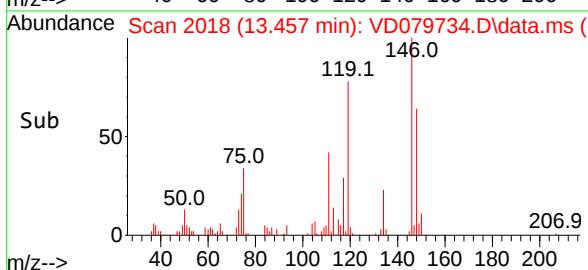
Reviewed By :Mahesh Dadoda 08/15/2024
 Supervised By :Semsettin Yesilyurt 08/15/2024

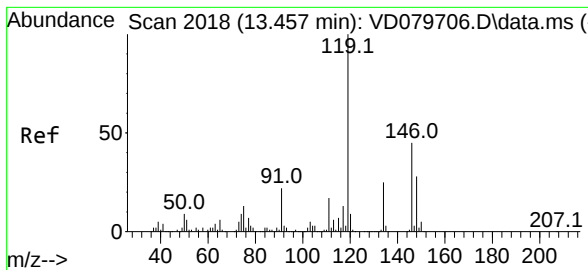


#86
 p-Isopropyltoluene
 Concen: 4.489 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.000 min
 Lab File: VD079734.D
 Acq: 14 Aug 2024 14:10



Tgt Ion:119 Resp: 34969
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.7 41.1
 91 22.9 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 4.600 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VD079734.D

Acq: 14 Aug 2024 14:10

Instrument :

MSVOA_D

ClientSampleId :

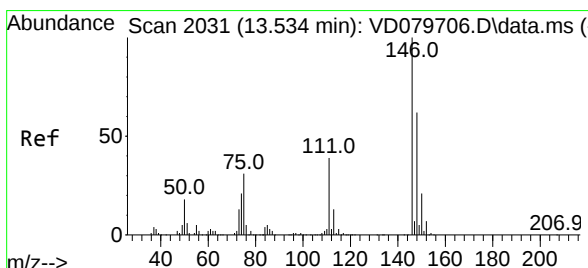
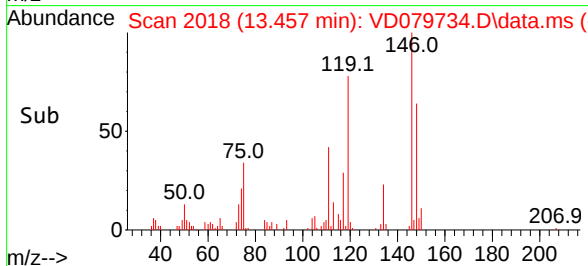
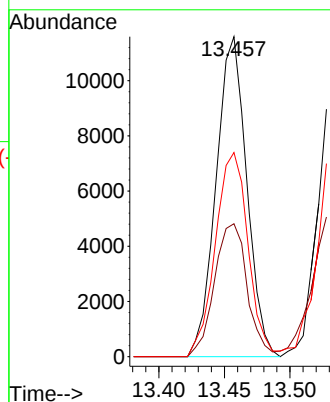
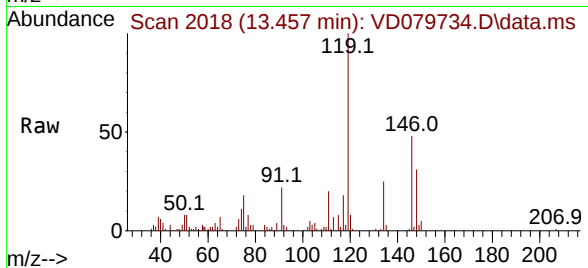
LOQ-SOIL-02-QT3-2024

Tgt Ion:	146	Resp:	1883
Ion Ratio	Lower	Upper	
146	100		
111	44.3	18.5	55.5
148	68.2	30.9	92.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#88

1,4-Dichlorobenzene

Concen: 4.938 ug/l

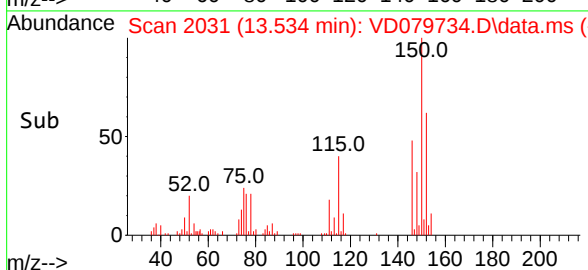
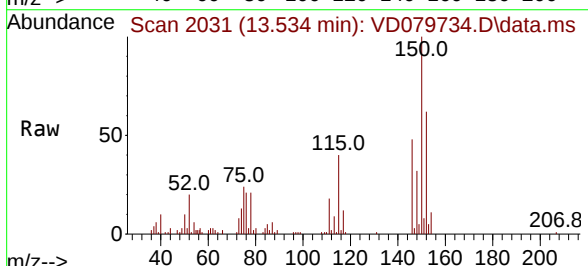
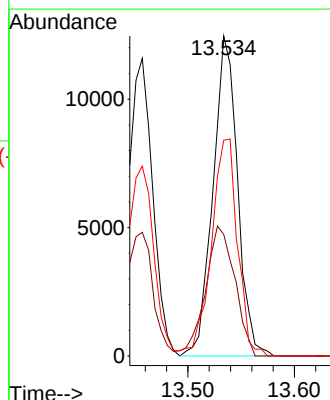
RT: 13.534 min Scan# 2031

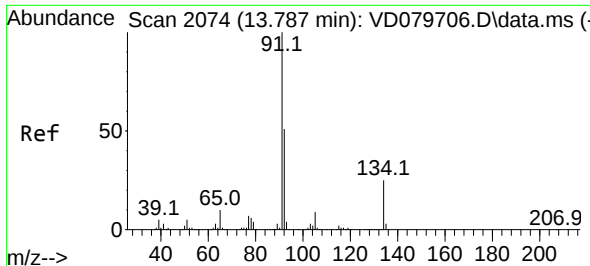
Delta R.T. -0.000 min

Lab File: VD079734.D

Acq: 14 Aug 2024 14:10

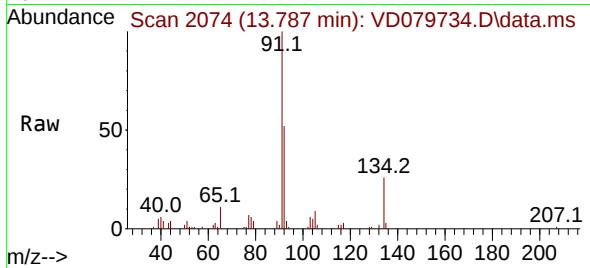
Tgt Ion:	146	Resp:	19956
Ion Ratio	Lower	Upper	
146	100		
111	48.5	17.5	52.6
148	71.8	31.4	94.2





#89
n-Butylbenzene
Concen: 4.544 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VD079734.D
Acq: 14 Aug 2024 14:10

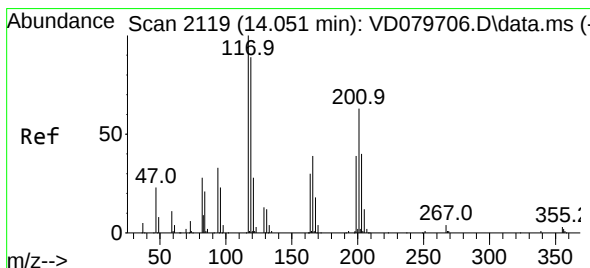
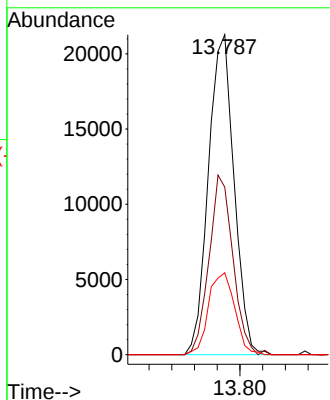
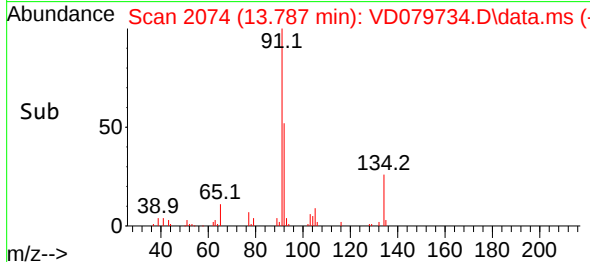
Instrument : MSVOA_D
ClientSampleId : VD079734.D
LOQ-SOIL-02-QT3-2024



Tgt Ion: 91 Resp: 3336
Ion Ratio Lower Upper
91 100
92 52.4 25.7 77.0
134 26.2 13.6 40.8

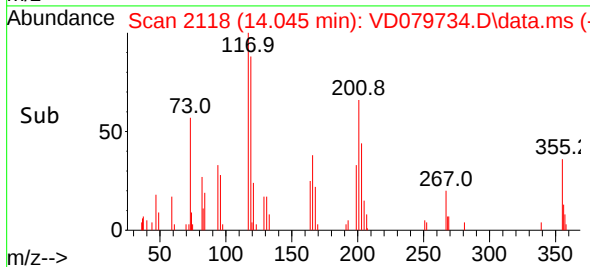
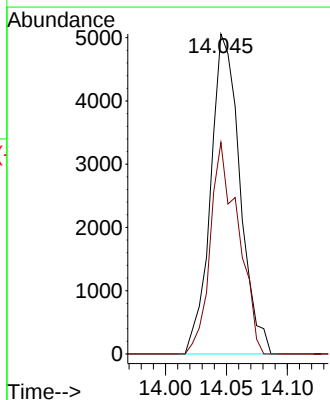
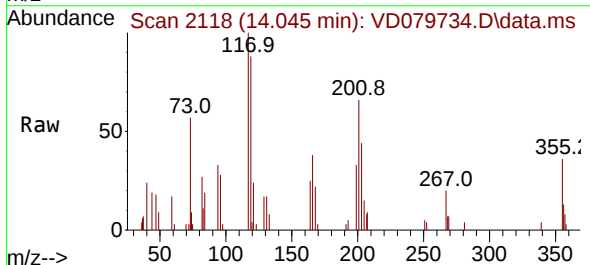
Manual Integrations
APPROVED

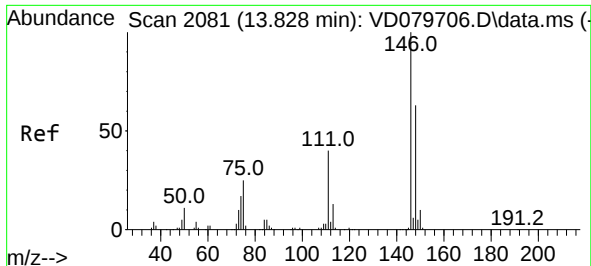
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#90
Hexachloroethane
Concen: 5.297 ug/l
RT: 14.045 min Scan# 2118
Delta R.T. -0.006 min
Lab File: VD079734.D
Acq: 14 Aug 2024 14:10

Tgt Ion:117 Resp: 8467
Ion Ratio Lower Upper
117 100
201 63.4 36.3 108.9





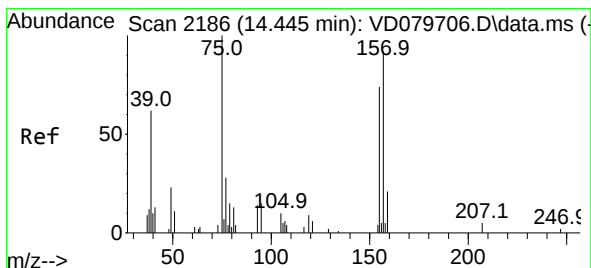
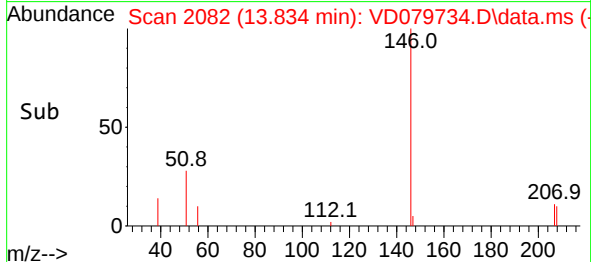
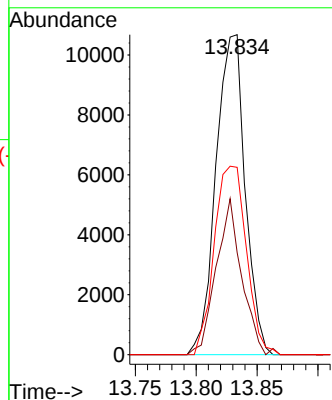
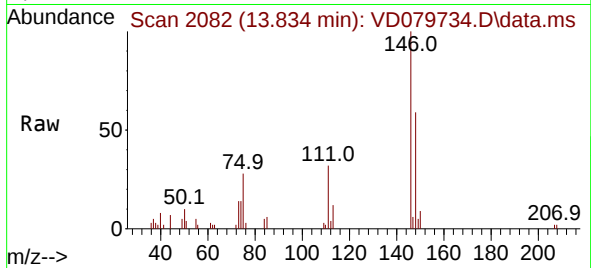
#91
1,2-Dichlorobenzene
Concen: 5.050 ug/l
RT: 13.834 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VD079734.D
Acq: 14 Aug 2024 14:10

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

Tgt Ion:146 Resp: 17808
Ion Ratio Lower Upper
146 100
111 42.7 19.1 57.1
148 64.9 31.1 93.5

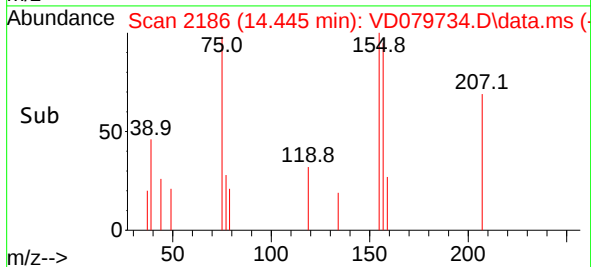
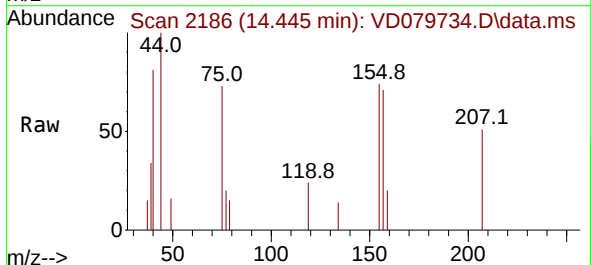
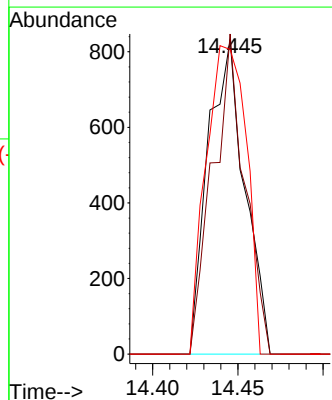
Manual Integrations
APPROVED

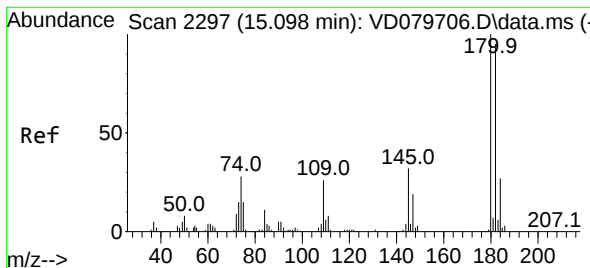
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 5.653 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VD079734.D
Acq: 14 Aug 2024 14:10

Tgt Ion: 75 Resp: 1239
Ion Ratio Lower Upper
75 100
155 89.3 47.7 143.1
157 108.2 63.4 190.2





#93

1,2,4-Trichlorobenzene

Concen: 4.867 ug/l

RT: 15.092 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD079734.D

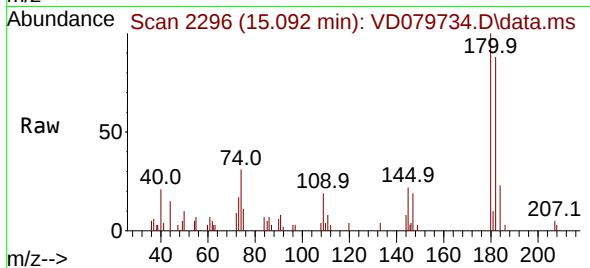
Acq: 14 Aug 2024 14:10

Instrument :

MSVOA_D

ClientSampleId :

LOQ-SOIL-02-QT3-2024

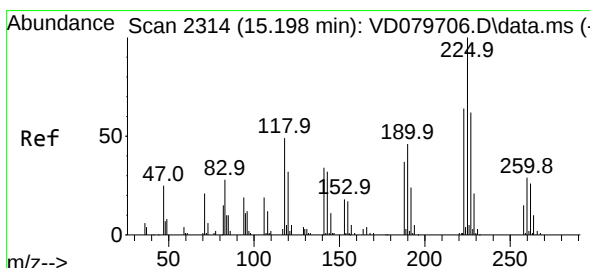
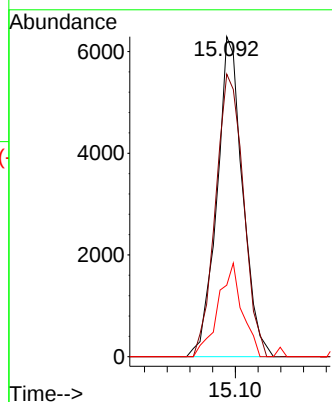
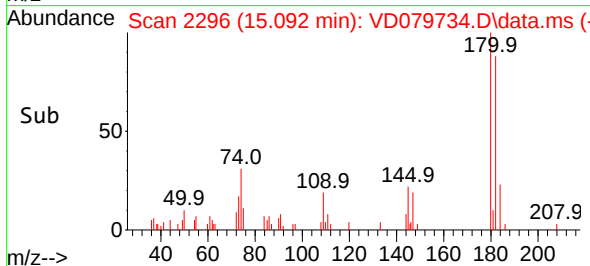


Tgt Ion:	180	Resp:	987
Ion Ratio	Lower	Upper	
180	100		
182	95.6	46.9	140.7
145	27.4	14.0	41.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#94

Hexachlorobutadiene

Concen: 4.765 ug/l

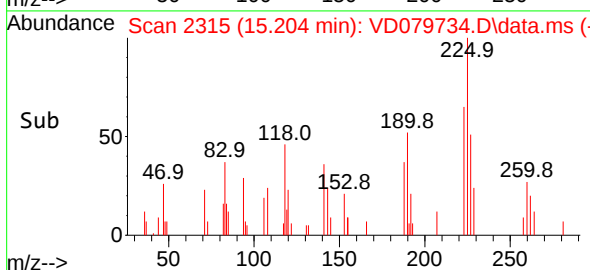
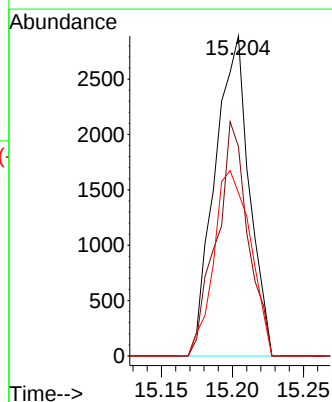
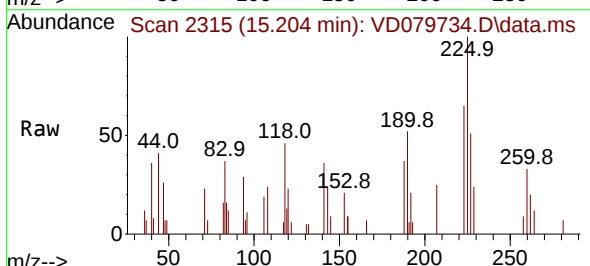
RT: 15.204 min Scan# 2315

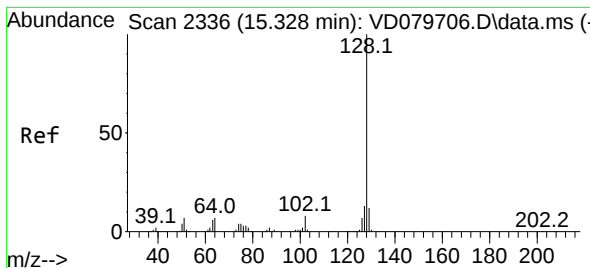
Delta R.T. 0.006 min

Lab File: VD079734.D

Acq: 14 Aug 2024 14:10

Tgt Ion:	225	Resp:	4861
Ion Ratio	Lower	Upper	
225	100		
223	67.1	33.3	99.9
227	62.2	33.6	100.6





#95

Naphthalene

Concen: 5.277 ug/l

RT: 15.328 min Scan# 2336

Delta R.T. -0.000 min

Lab File: VD079734.D

Acq: 14 Aug 2024 14:10

Instrument :

MSVOA_D

ClientSampleId :

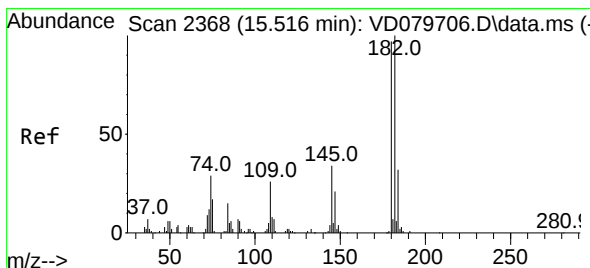
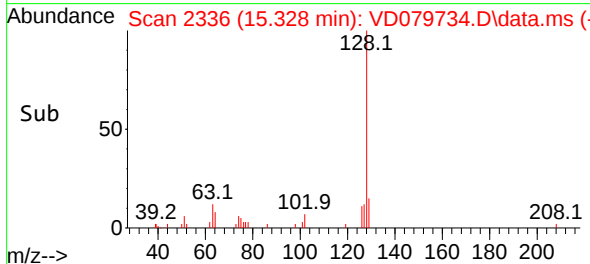
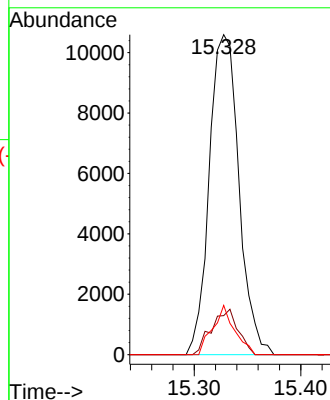
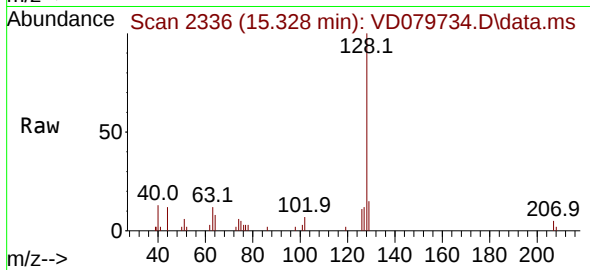
LOQ-SOIL-02-QT3-2024

Tgt Ion:128	Resp: 2047
Ion Ratio	Lower Upper
128 100	
127 12.2	10.2 15.4
129 15.4	8.5 12.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#96

1,2,3-Trichlorobenzene

Concen: 4.721 ug/l

RT: 15.510 min Scan# 2367

Delta R.T. -0.006 min

Lab File: VD079734.D

Acq: 14 Aug 2024 14:10

Tgt Ion:180	Resp: 8394
Ion Ratio	Lower Upper
180 100	
182 97.4	47.8 143.3
145 30.5	16.1 48.2

