

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081324\
 Data File : VD079719.D
 Acq On : 13 Aug 2024 15:42
 Operator : RP/MD
 Sample : P3390-02
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Aug 14 07:58:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081224S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 14 07:56:07 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 08/14/2024
 Supervised By :Mahesh Dadoda 08/14/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	152069	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	310981	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	281838	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	133352	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	116800	66.761	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 133.520%			
35) Dibromofluoromethane	7.804	113	114517	59.733	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 119.460%			
50) Toluene-d8	10.269	98	472056	58.913	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 117.820%			
62) 4-Bromofluorobenzene	12.569	95	127960	57.035	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 114.060%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	10970	7.350	ug/l	92
3) Chloromethane	2.146	50	22383	7.621	ug/l	96
4) Vinyl Chloride	2.281	62	25397	7.315	ug/l	98
5) Bromomethane	2.687	94	16338	6.913	ug/l	97
6) Chloroethane	2.834	64	16586	6.998	ug/l	98
7) Trichlorofluoromethane	3.169	101	21139	6.808	ug/l	99
8) Diethyl Ether	3.593	74	6662	6.861	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.958	101	11374	6.222	ug/l	96
10) Methyl Iodide	4.158	142	10955	5.354	ug/l	90
11) Tert butyl alcohol	5.063	59	3759	35.785	ug/l #	86
12) 1,1-Dichloroethene	3.940	96	13102	6.855	ug/l	93
13) Acrolein	3.793	56	6588	32.373	ug/l	98
14) Allyl chloride	4.558	41	18328	6.393	ug/l #	88
15) Acrylonitrile	5.252	53	15256	34.131	ug/l	98
16) Acetone	4.028	43	11790	30.152	ug/l	98
17) Carbon Disulfide	4.275	76	47333	6.986	ug/l	100
18) Methyl Acetate	4.563	43	8436	7.072	ug/l #	82
19) Methyl tert-butyl Ether	5.310	73	25356	6.460	ug/l	98
20) Methylene Chloride	4.805	84	23197	7.570	ug/l #	88
21) trans-1,2-Dichloroethene	5.310	96	13788	6.570	ug/l #	90
22) Diisopropyl ether	6.222	45	37605	6.365	ug/l #	93
23) Vinyl Acetate	6.157	43	133776	30.892	ug/l #	92
24) 1,1-Dichloroethane	6.110	63	26521	6.791	ug/l	96
25) 2-Butanone	7.081	43	17820	33.107	ug/l	94
26) 2,2-Dichloropropane	7.081	77	19763	6.407	ug/l	98
27) cis-1,2-Dichloroethene	7.075	96	15465	6.353	ug/l	85
28) Bromochloromethane	7.428	49	11218	6.752	ug/l #	62
29) Tetrahydrofuran	7.446	42	11082	33.868	ug/l #	80
30) Chloroform	7.593	83	25971	6.848	ug/l	98
31) Cyclohexane	7.881	56	20407	6.381	ug/l #	86
32) 1,1,1-Trichloroethane	7.787	97	20574	6.557	ug/l	93
36) 1,1-Dichloropropene	8.004	75	16245	5.466	ug/l	96
37) Ethyl Acetate	7.169	43	7796m	5.797	ug/l	
38) Carbon Tetrachloride	7.987	117	17741	5.881	ug/l	85
39) Methylcyclohexane	9.269	83	19166	5.457	ug/l #	91
40) Benzene	8.246	78	57593	5.959	ug/l	95

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Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	3879	5.476	ug/l #	24
42) 1,2-Dichloroethane	8.322	62	14170m	6.343	ug/l	
43) Isopropyl Acetate	8.357	43	14962	6.379	ug/l #	91
44) Trichloroethene	9.028	130	13387	6.306	ug/l	84
45) 1,2-Dichloropropane	9.304	63	14410	6.057	ug/l	96
46) Dibromomethane	9.393	93	7263	6.030	ug/l	86
47) Bromodichloromethane	9.587	83	18442	6.074	ug/l	94
48) Methyl methacrylate	9.381	41	6647	6.161	ug/l #	80
49) 1,4-Dioxane	9.375	88	1243	102.543	ug/l #	46
51) 4-Methyl-2-Pentanone	10.157	43	35895	29.747	ug/l	93
52) Toluene	10.334	92	36347	6.271	ug/l	96
53) t-1,3-Dichloropropene	10.545	75	16992	5.987	ug/l	92
54) cis-1,3-Dichloropropene	10.010	75	20040	5.753	ug/l #	93
55) 1,1,2-Trichloroethane	10.728	97	9802	6.105	ug/l	93
56) Ethyl methacrylate	10.598	69	11133	5.682	ug/l #	85
57) 1,3-Dichloropropane	10.881	76	16864	6.093	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	25869	29.546	ug/l	94
59) 2-Hexanone	10.922	43	24714	28.629	ug/l	91
60) Dibromochloromethane	11.075	129	12717	6.429	ug/l	99
61) 1,2-Dibromoethane	11.181	107	9339	6.551	ug/l	97
64) Tetrachloroethene	10.804	164	10706	6.217	ug/l	91
65) Chlorobenzene	11.604	112	36207	5.851	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.675	131	11504	5.702	ug/l	94
67) Ethyl Benzene	11.681	91	59037	5.437	ug/l	93
68) m/p-Xylenes	11.792	106	45582	10.795	ug/l	94
69) o-Xylene	12.116	106	20694	5.362	ug/l	93
70) Styrene	12.134	104	35785	5.286	ug/l	97
71) Bromoform	12.292	173	6525	6.291	ug/l #	91
73) Isopropylbenzene	12.416	105	52297	5.586	ug/l	98
74) N-amyl acetate	12.234	43	12838	6.155	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.669	83	11773	6.735	ug/l	93
76) 1,2,3-Trichloropropane	12.722	75	6918m	6.364	ug/l	
77) Bromobenzene	12.698	156	12761	6.095	ug/l	79
78) n-propylbenzene	12.757	91	68194	5.886	ug/l	96
79) 2-Chlorotoluene	12.845	91	37317	5.785	ug/l	94
80) 1,3,5-Trimethylbenzene	12.898	105	41907	5.398	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.457	75	3803	5.961	ug/l	97
82) 4-Chlorotoluene	12.939	91	39499	5.823	ug/l	97
83) tert-Butylbenzene	13.163	119	37092	5.661	ug/l	93
84) 1,2,4-Trimethylbenzene	13.210	105	41007	5.163	ug/l	98
85) sec-Butylbenzene	13.339	105	55945	5.541	ug/l	98
86) p-Isopropyltoluene	13.457	119	45073	5.314	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	25216	5.657	ug/l	95
88) 1,4-Dichlorobenzene	13.534	146	26501	6.023	ug/l	88
89) n-Butylbenzene	13.781	91	44485	5.564	ug/l	98
90) Hexachloroethane	14.045	117	10332	5.937	ug/l	96
91) 1,2-Dichlorobenzene	13.828	146	22411	5.838	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	14.445	75	1711	7.171	ug/l	71
93) 1,2,4-Trichlorobenzene	15.098	180	12634	5.721	ug/l	97
94) Hexachlorobutadiene	15.198	225	7297	6.570	ug/l	90
95) Naphthalene	15.328	128	26034	6.164	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.516	180	11116	5.742	ug/l	97

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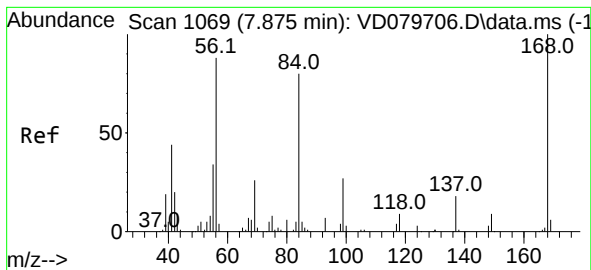
Quant Time: Aug 14 07:58:45 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081224S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 14 07:56:07 2024
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Manual Integrations
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Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD079719.D

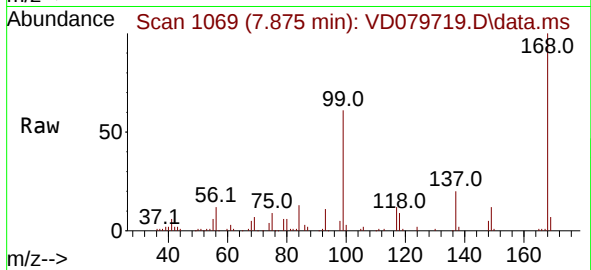
Acq: 13 Aug 2024 15:42

Instrument :

MSVOA_D

ClientSampleId :

LOQ-SOIL-02-QT3-2024



Tgt Ion:168 Resp: 152069

Ion Ratio Lower Upper

168 100

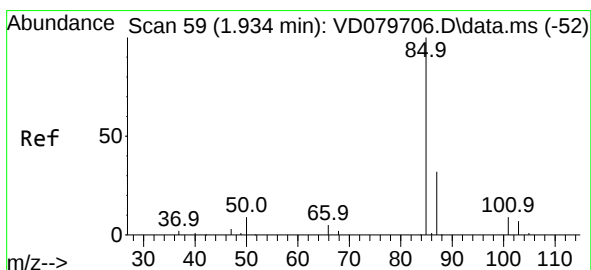
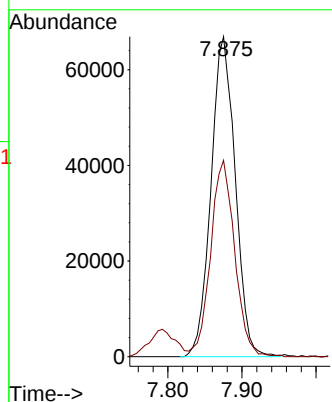
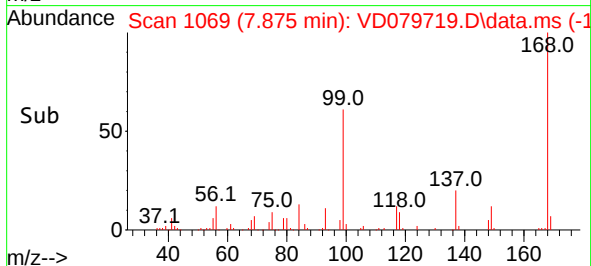
99 60.9 41.1 61.7

Manual Integrations

APPROVED

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Supervised By :Mahesh Dadoda 08/14/2024



#2

Dichlorodifluoromethane

Concen: 7.350 ug/l

RT: 1.928 min Scan# 58

Delta R.T. -0.006 min

Lab File: VD079719.D

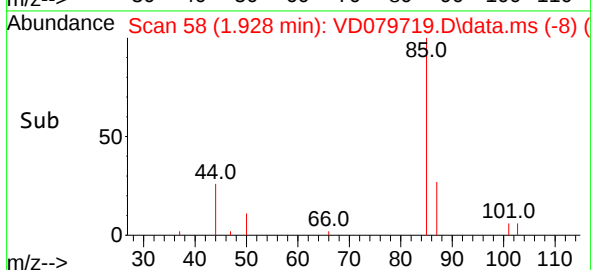
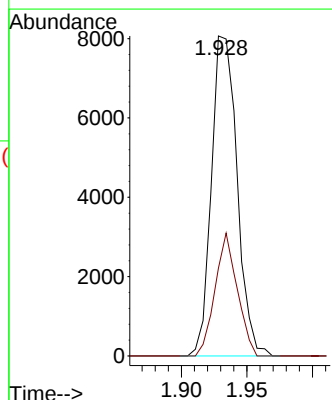
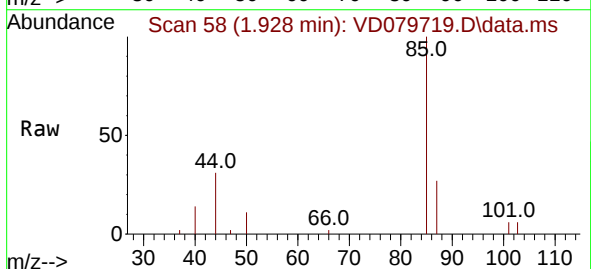
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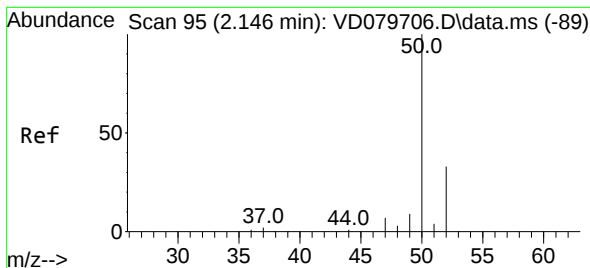
Tgt Ion: 85 Resp: 10970

Ion Ratio Lower Upper

85 100

87 27.4 16.0 48.0





#3

Chloromethane

Concen: 7.621 ug/l

RT: 2.146 min Scan# 90

Delta R.T. -0.000 min

Lab File: VD079719.D

Acq: 13 Aug 2024 15:42

Instrument :

MSVOA_D

ClientSampleId :

LOQ-SOIL-02-QT3-2024

Tgt Ion: 50 Resp: 2238

Ion Ratio Lower Upper

50 100

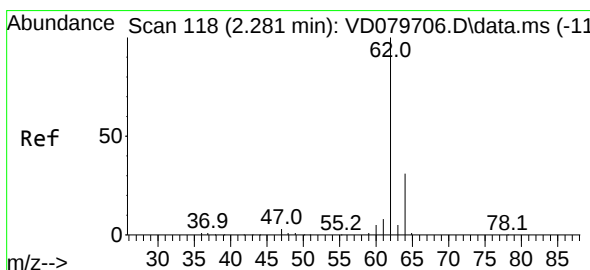
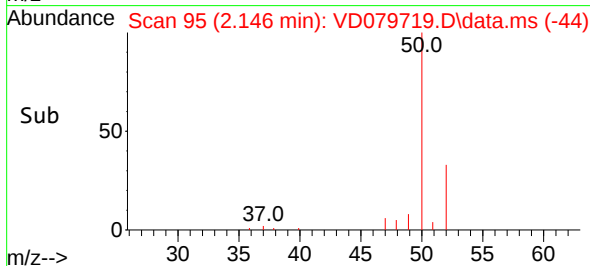
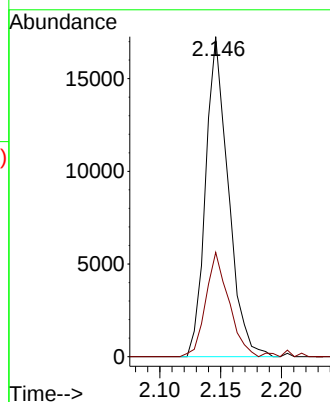
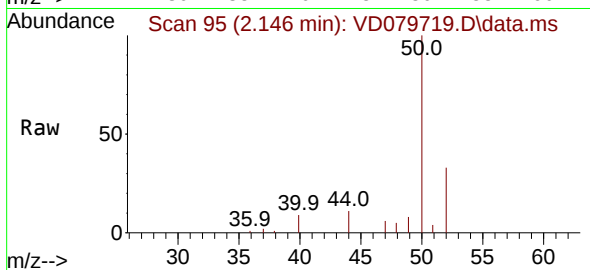
52 32.6 28.2 42.2

Manual Integrations

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Supervised By :Mahesh Dadoda 08/14/2024



#4

Vinyl Chloride

Concen: 7.315 ug/l

RT: 2.281 min Scan# 118

Delta R.T. -0.000 min

Lab File: VD079719.D

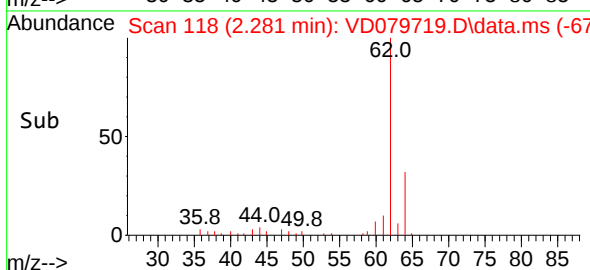
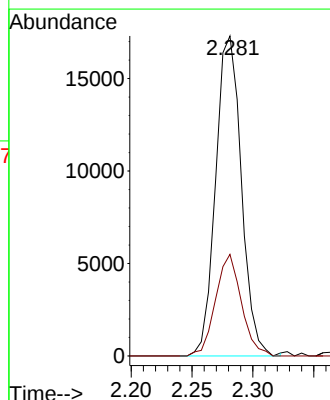
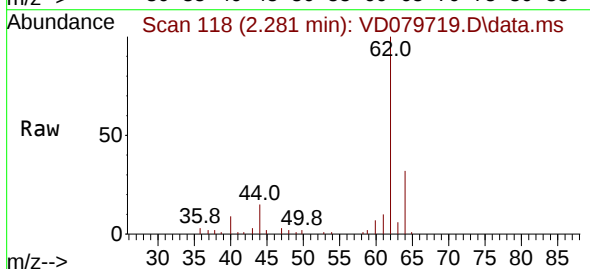
Acq: 13 Aug 2024 15:42

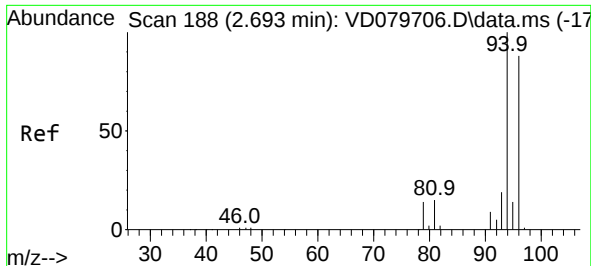
Tgt Ion: 62 Resp: 25397

Ion Ratio Lower Upper

62 100

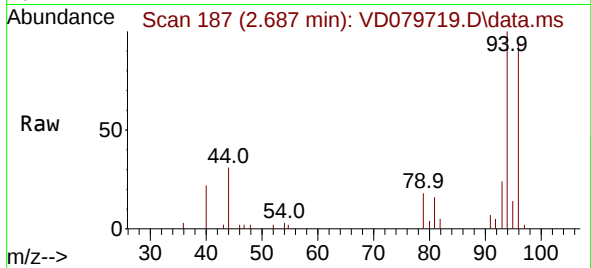
64 31.8 26.3 39.5





#5
Bromomethane
Concen: 6.913 ug/l
RT: 2.687 min Scan# 187
Delta R.T. -0.006 min
Lab File: VD079719.D
Acq: 13 Aug 2024 15:42

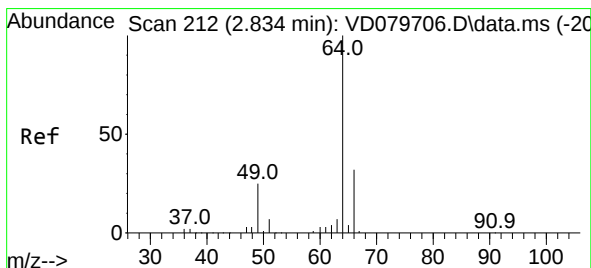
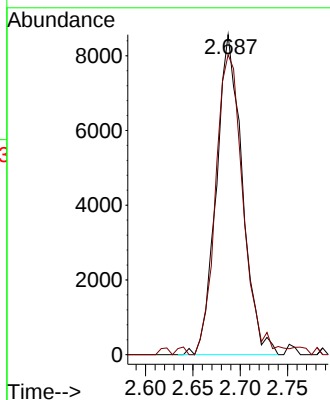
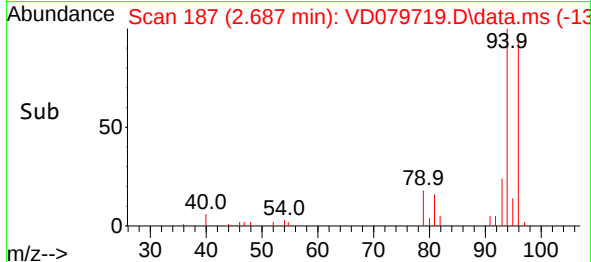
Instrument :
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Tgt Ion: 94 Resp: 16338
Ion Ratio Lower Upper
94 100
96 99.4 76.9 115.3

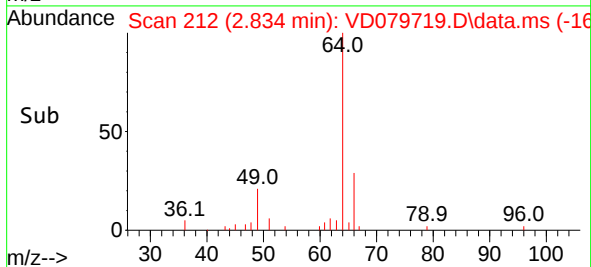
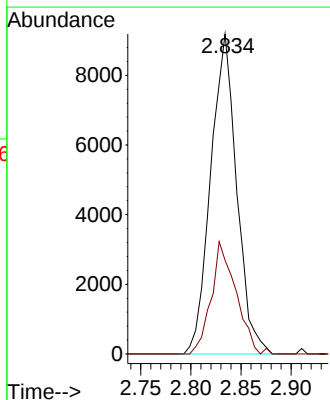
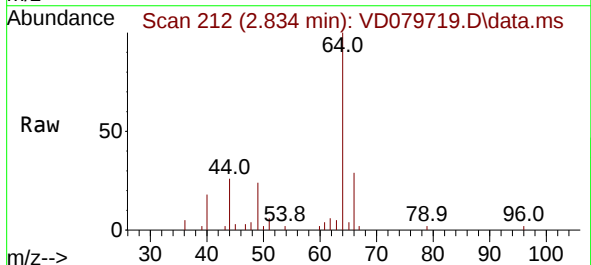
Manual Integrations
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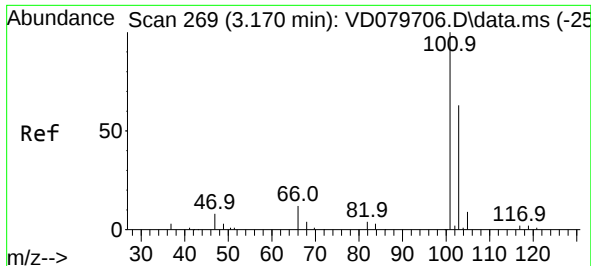
Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#6
Chloroethane
Concen: 6.998 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.000 min
Lab File: VD079719.D
Acq: 13 Aug 2024 15:42

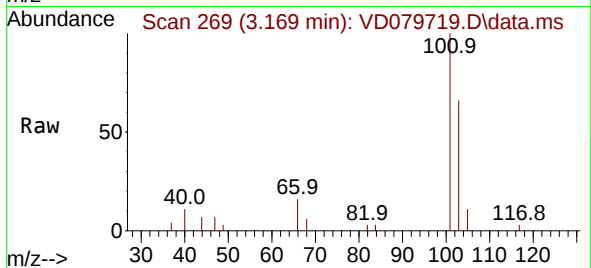
Tgt Ion: 64 Resp: 16586
Ion Ratio Lower Upper
64 100
66 29.3 24.5 36.7





#7
Trichlorofluoromethane
Concen: 6.808 ug/l
RT: 3.169 min Scan# 201
Delta R.T. -0.000 min
Lab File: VD079719.D
Acq: 13 Aug 2024 15:42

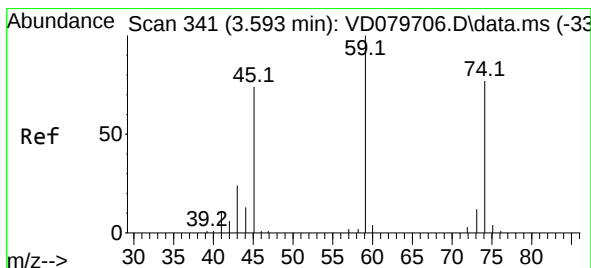
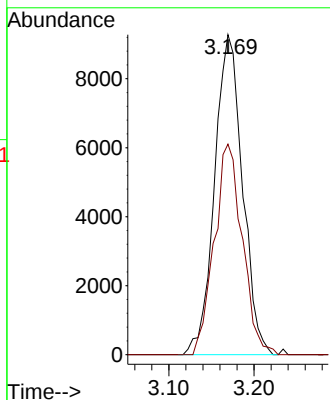
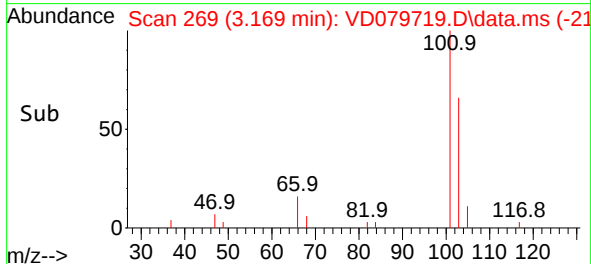
Instrument :
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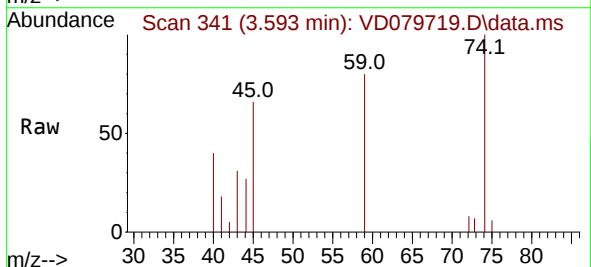
Tgt Ion:101 Resp: 21139
Ion Ratio Lower Upper
101 100
103 65.8 53.2 79.8

Manual Integrations
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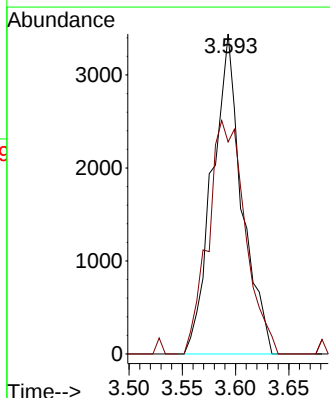
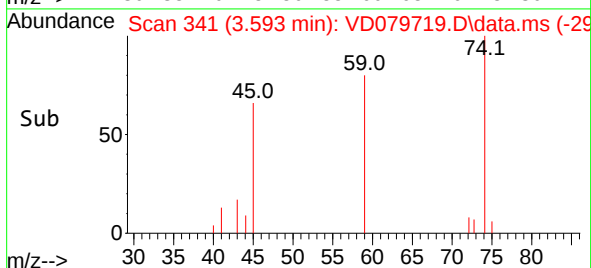
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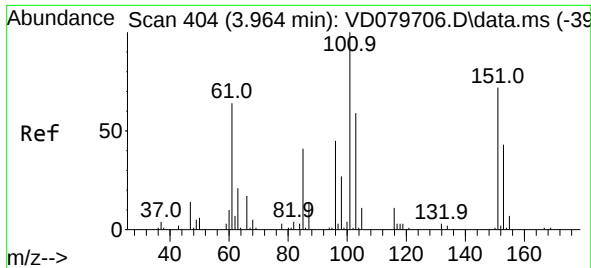


#8
Diethyl Ether
Concen: 6.861 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD079719.D
Acq: 13 Aug 2024 15:42



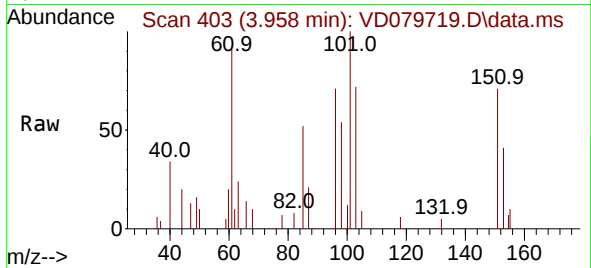
Tgt Ion: 74 Resp: 6662
Ion Ratio Lower Upper
74 100
45 91.2 37.9 113.6





#9
1,1,2-Trichlorotrifluoroethane
Concen: 6.222 ug/l
RT: 3.958 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD079719.D
Acq: 13 Aug 2024 15:42

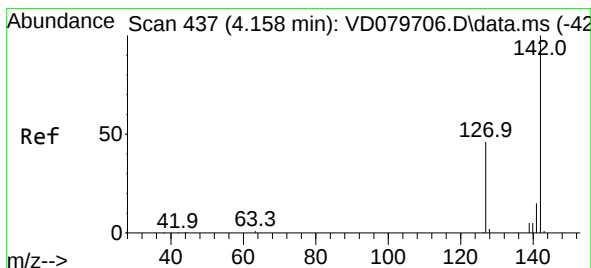
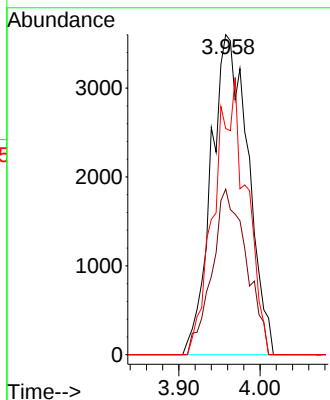
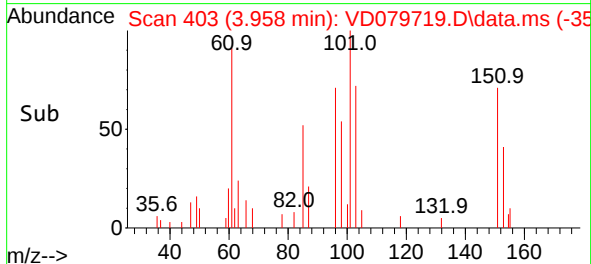
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2024



Tgt Ion:101 Resp: 11374
Ion Ratio Lower Upper
101 100
85 48.3 33.5 50.3
151 75.7 60.3 90.5

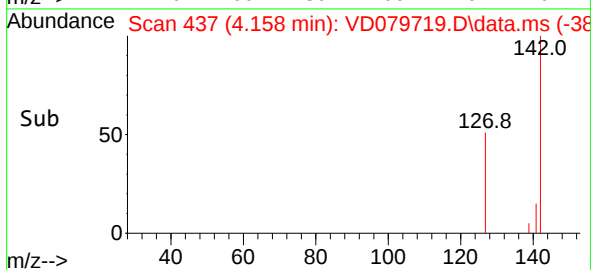
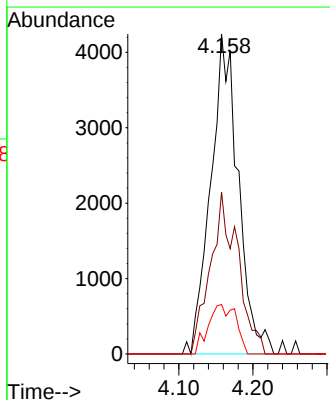
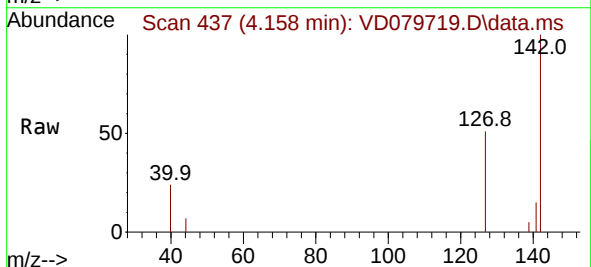
Manual Integrations
APPROVED

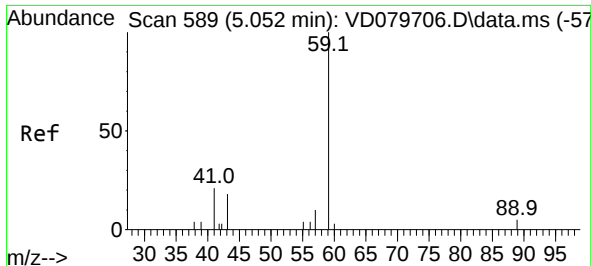
Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#10
Methyl Iodide
Concen: 5.354 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.000 min
Lab File: VD079719.D
Acq: 13 Aug 2024 15:42

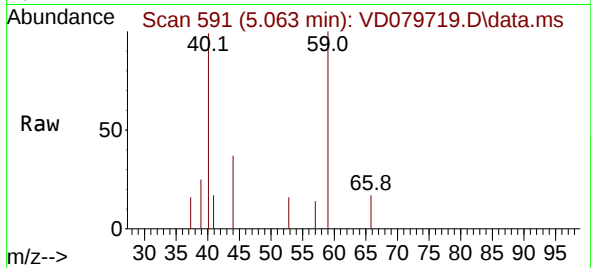
Tgt Ion:142 Resp: 10955
Ion Ratio Lower Upper
142 100
127 50.6 34.2 51.4
141 15.5 11.7 17.5





#11
Tert butyl alcohol
Concen: 35.785 ug/l
RT: 5.063 min Scan# 591
Delta R.T. 0.011 min
Lab File: VD079719.D
Acq: 13 Aug 2024 15:42

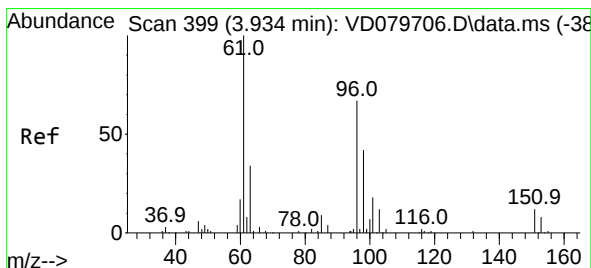
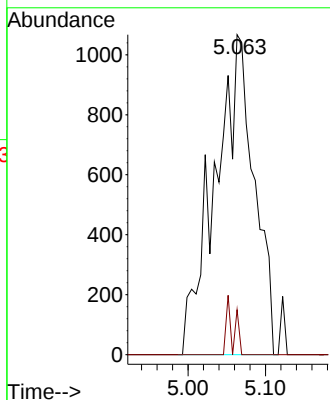
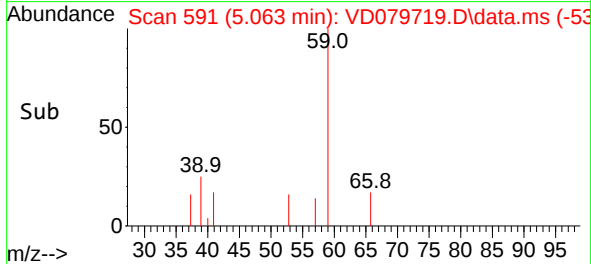
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2024



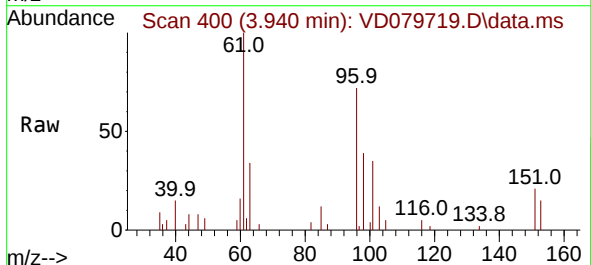
Tgt Ion: 59 Resp: 375
Ion Ratio Lower Upper
59 100
57 0.0 3.6 5.4

Manual Integrations
APPROVED

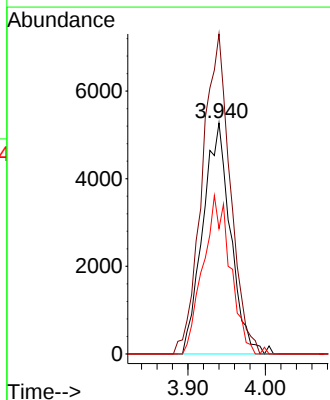
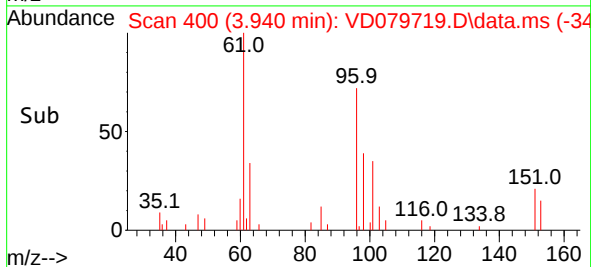
Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#12
1,1-Dichloroethene
Concen: 6.855 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.006 min
Lab File: VD079719.D
Acq: 13 Aug 2024 15:42



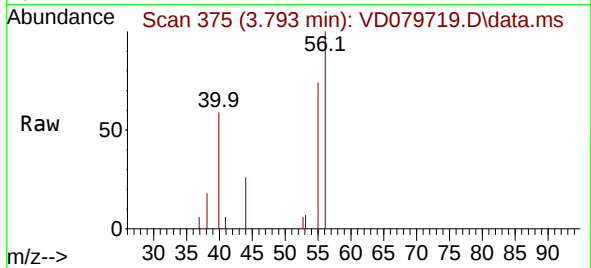
Tgt Ion: 96 Resp: 13102
Ion Ratio Lower Upper
96 100
61 138.5 107.3 160.9
98 54.2 51.7 77.5





#13
Acrolein
Concen: 32.373 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD079719.D
Acq: 13 Aug 2024 15:42

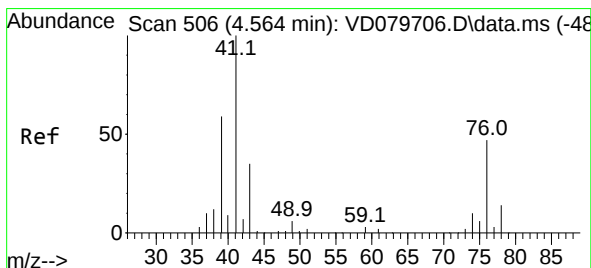
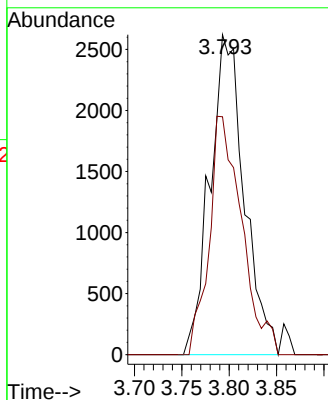
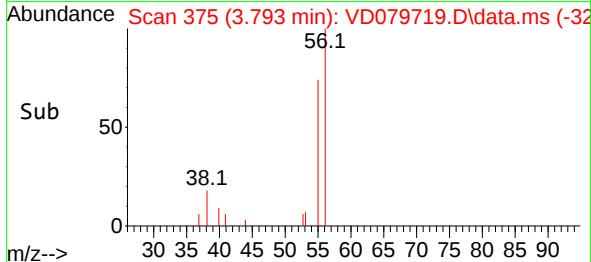
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2024



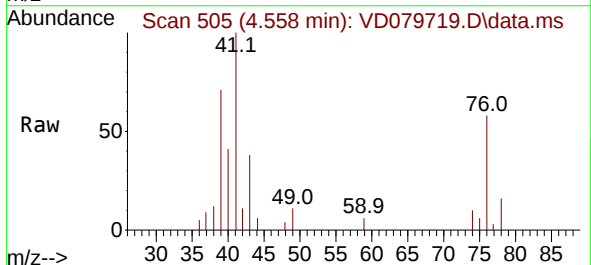
Tgt Ion: 56 Resp: 6588
Ion Ratio Lower Upper
56 100
55 70.7 55.3 82.9

Manual Integrations
APPROVED

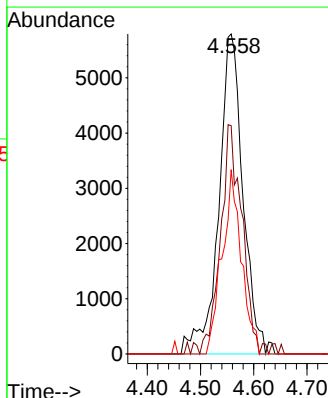
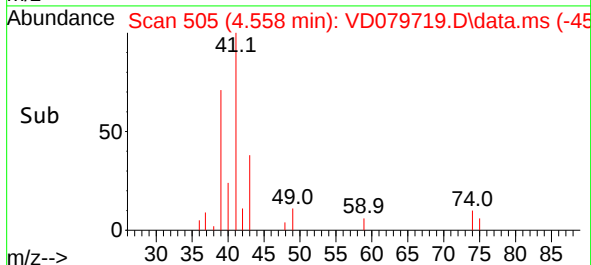
Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024

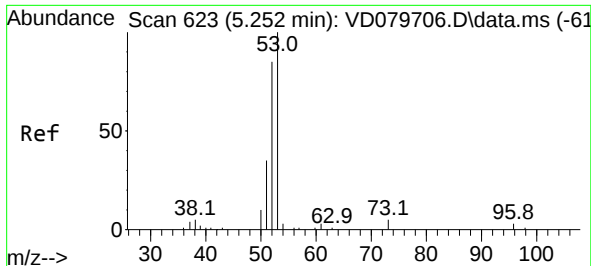


#14
Allyl chloride
Concen: 6.393 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD079719.D
Acq: 13 Aug 2024 15:42



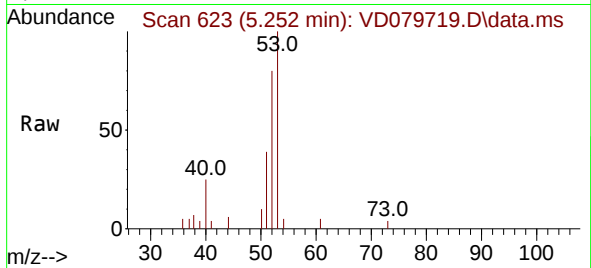
Tgt Ion: 41 Resp: 18328
Ion Ratio Lower Upper
41 100
39 64.2 58.0 87.0
76 45.8 45.9 68.9#





#15
Acrylonitrile
Concen: 34.131 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD079719.D
Acq: 13 Aug 2024 15:42

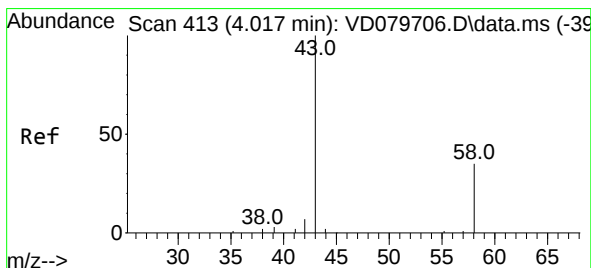
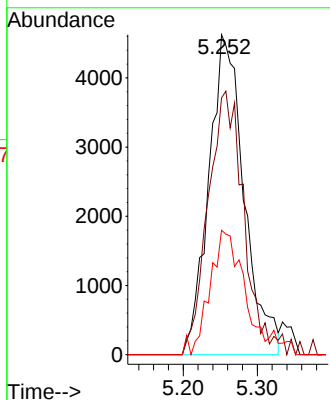
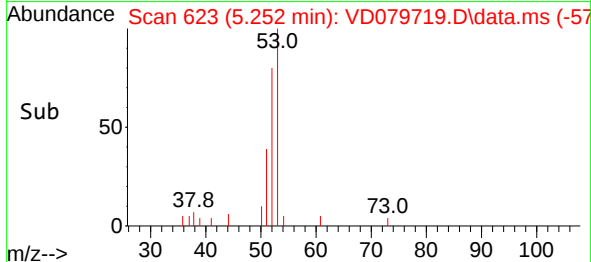
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2024



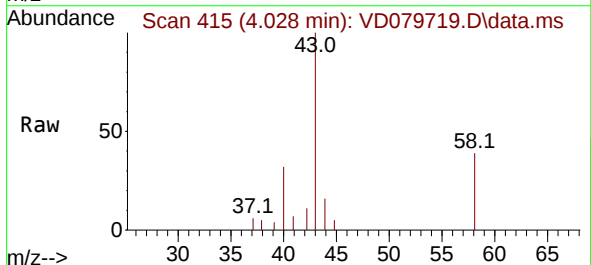
Tgt Ion: 53 Resp: 15250
Ion Ratio Lower Upper
53 100
52 83.5 67.7 101.5
51 37.0 28.6 42.8

Manual Integrations
APPROVED

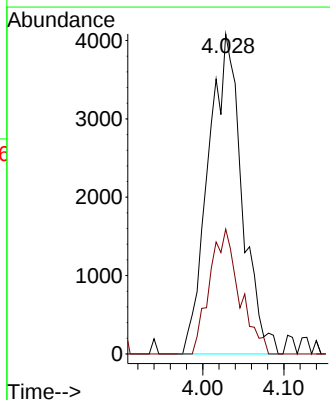
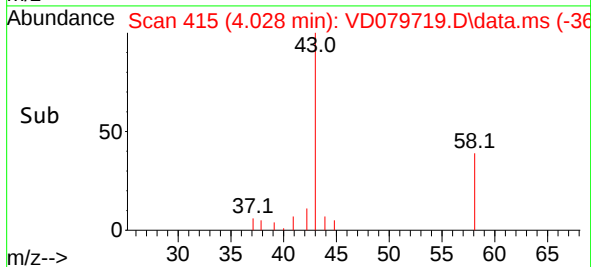
Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024

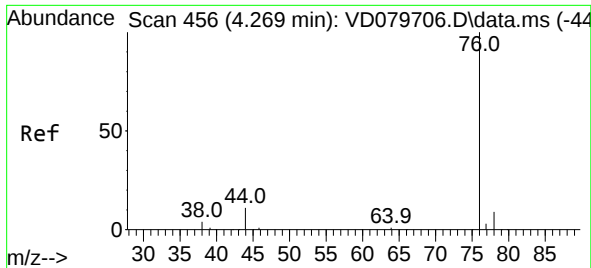


#16
Acetone
Concen: 30.152 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.011 min
Lab File: VD079719.D
Acq: 13 Aug 2024 15:42



Tgt Ion: 43 Resp: 11790
Ion Ratio Lower Upper
43 100
58 39.0 30.4 45.6





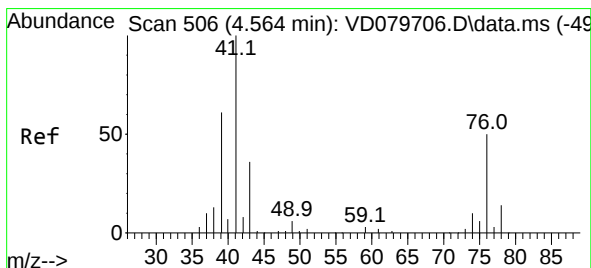
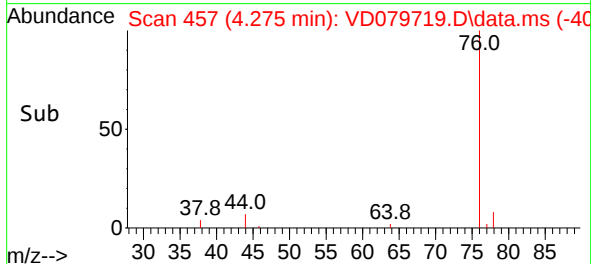
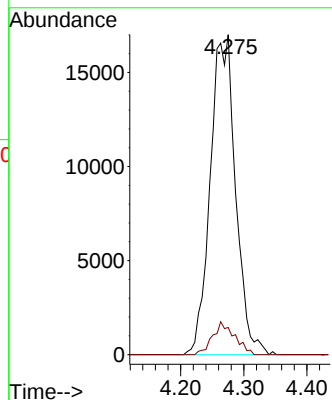
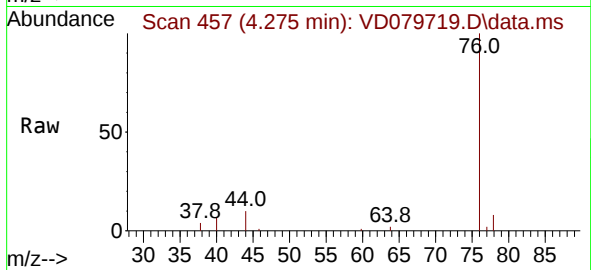
#17
Carbon Disulfide
Concen: 6.986 ug/l
RT: 4.275 min Scan# 456
Delta R.T. 0.006 min
Lab File: VD079719.D
Acq: 13 Aug 2024 15:42

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

Tgt Ion: 76 Resp: 4733
Ion Ratio Lower Upper
76 100
78 8.5 6.9 10.3

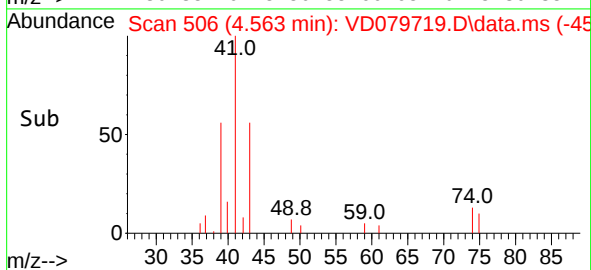
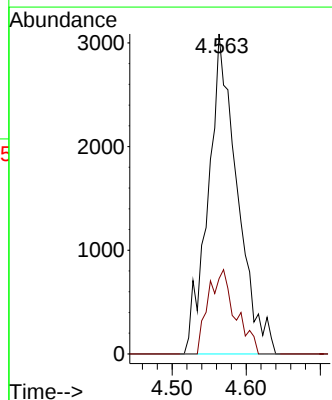
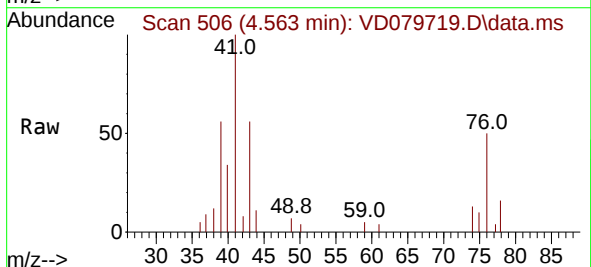
Manual Integrations
APPROVED

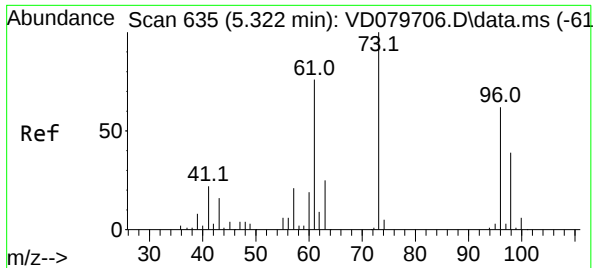
Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#18
Methyl Acetate
Concen: 7.072 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD079719.D
Acq: 13 Aug 2024 15:42

Tgt Ion: 43 Resp: 8436
Ion Ratio Lower Upper
43 100
74 24.5 28.1 42.1#





#19

Methyl tert-butyl Ether

Concen: 6.460 ug/l

RT: 5.310 min Scan# 61

Delta R.T. -0.012 min

Lab File: VD079719.D

Acq: 13 Aug 2024 15:42

Instrument :

MSVOA_D

ClientSampleId :

LOQ-SOIL-02-QT3-2024

Tgt Ion: 73 Resp: 2535

Ion Ratio Lower Upper

73 100

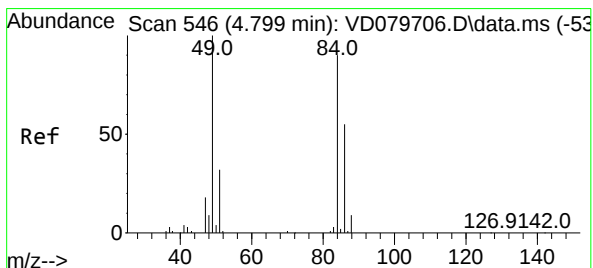
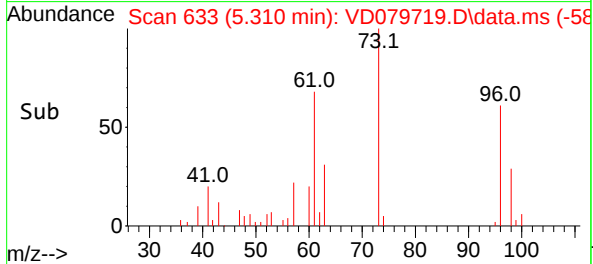
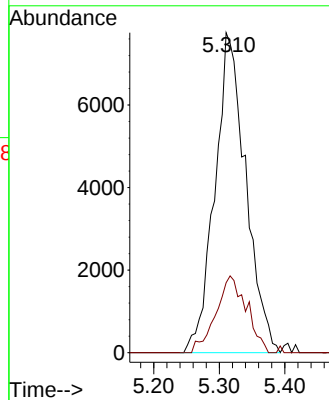
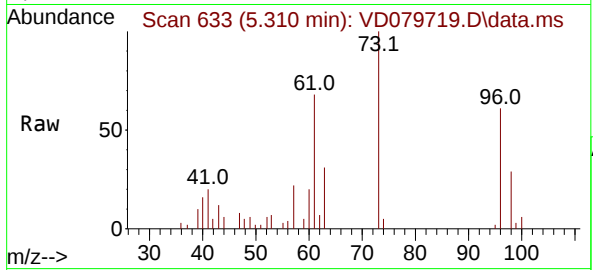
57 21.8 18.3 27.5

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 08/14/2024

Supervised By :Mahesh Dadoda 08/14/2024



#20

Methylene Chloride

Concen: 7.570 ug/l

RT: 4.805 min Scan# 547

Delta R.T. 0.006 min

Lab File: VD079719.D

Acq: 13 Aug 2024 15:42

Tgt Ion: 84 Resp: 23197

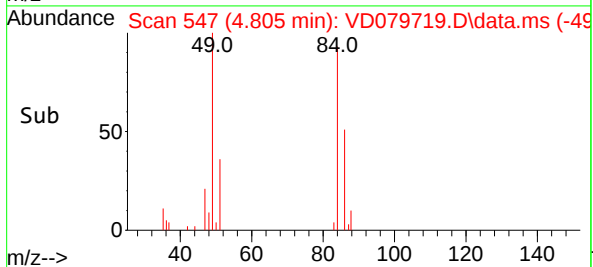
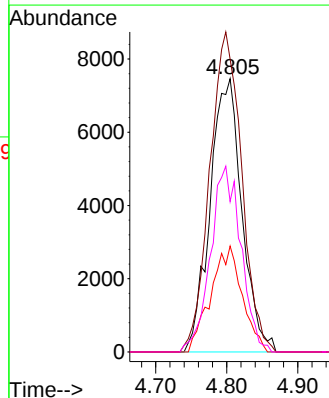
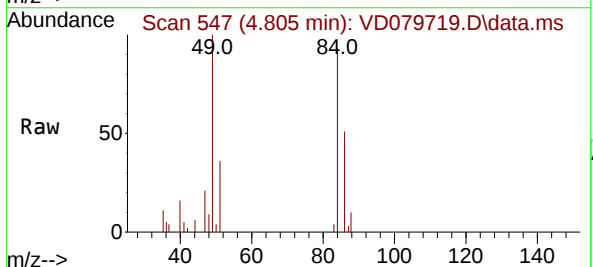
Ion Ratio Lower Upper

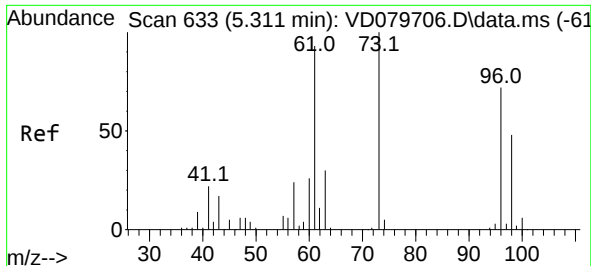
84 100

49 107.2 75.6 113.4

51 38.8 24.2 36.2#

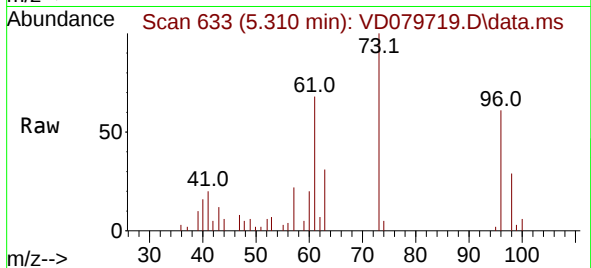
86 55.1 49.2 73.8





#21
trans-1,2-Dichloroethene
Concen: 6.570 ug/l
RT: 5.310 min Scan# 611
Delta R.T. -0.000 min
Lab File: VD079719.D
Acq: 13 Aug 2024 15:42

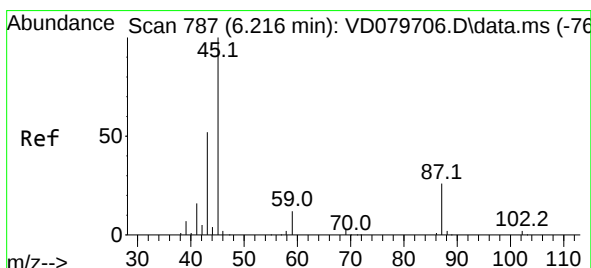
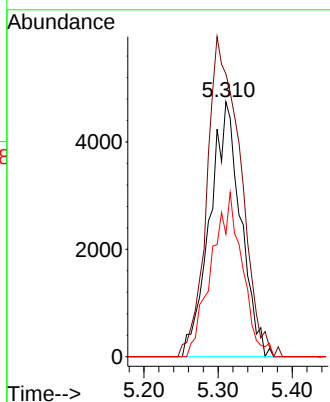
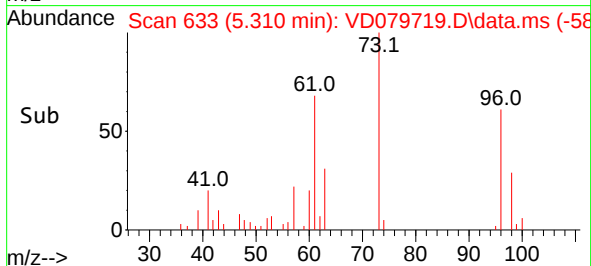
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2024



Tgt Ion: 96 Resp: 13788
Ion Ratio Lower Upper
96 100
61 110.9 84.5 126.7
98 48.1 50.5 75.7

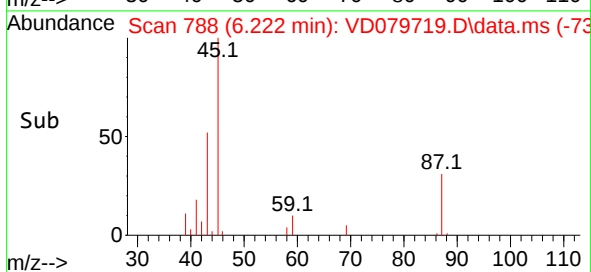
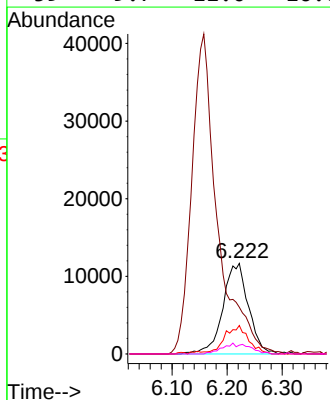
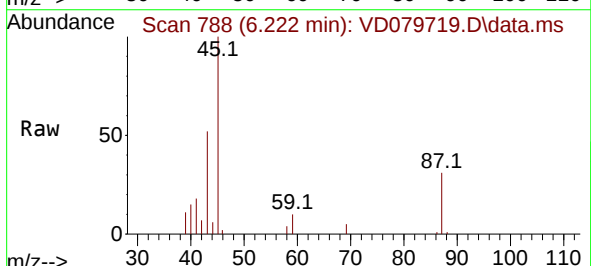
Manual Integrations
APPROVED

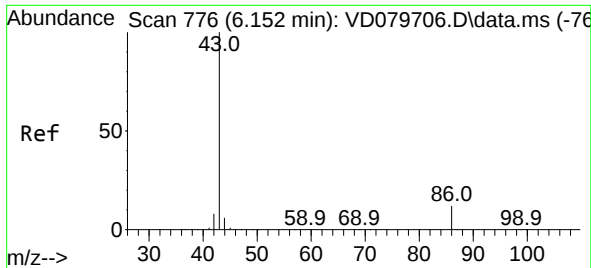
Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#22
Diisopropyl ether
Concen: 6.365 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD079719.D
Acq: 13 Aug 2024 15:42

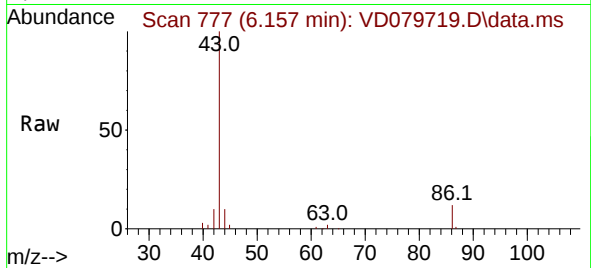
Tgt Ion: 45 Resp: 37605
Ion Ratio Lower Upper
45 100
43 49.0 41.7 62.5
87 31.4 30.2 45.2
59 9.7 11.0 16.6





#23
 Vinyl Acetate
 Concen: 30.892 ug/l
 RT: 6.157 min Scan# 776
 Delta R.T. 0.006 min
 Lab File: VD079719.D
 Acq: 13 Aug 2024 15:42

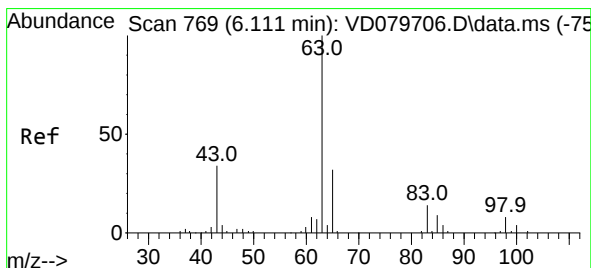
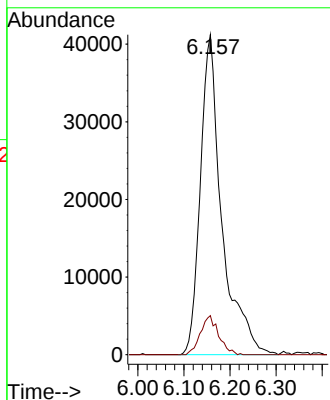
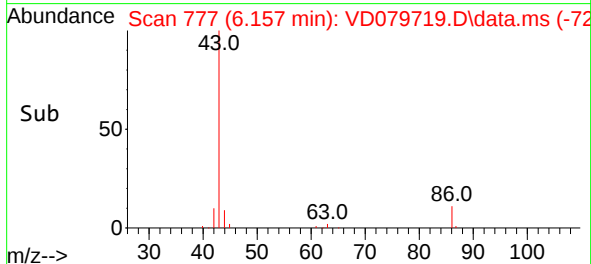
Instrument :
 MSVOA_D
 ClientSampleId :
 LOQ-SOIL-02-QT3-2024



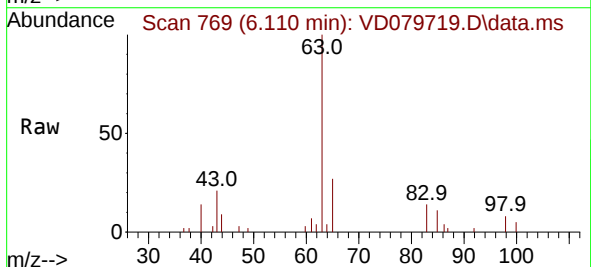
Tgt Ion: 43 Resp: 133770
 Ion Ratio Lower Upper
 43 100
 86 12.2 12.3 18.5

Manual Integrations
 APPROVED

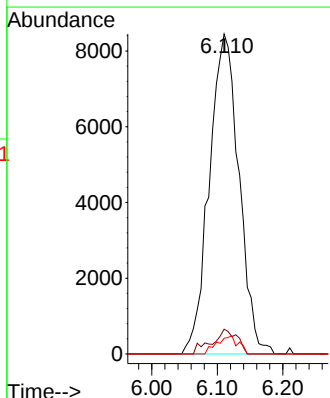
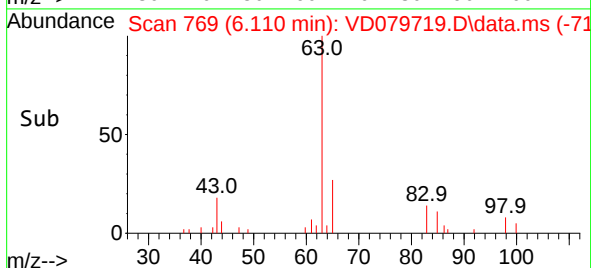
Reviewed By :Romaben Patel 08/14/2024
 Supervised By :Mahesh Dadoda 08/14/2024

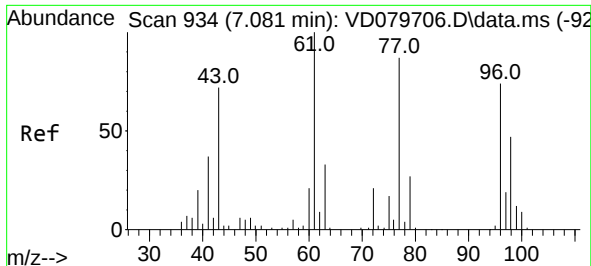


#24
 1,1-Dichloroethane
 Concen: 6.791 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VD079719.D
 Acq: 13 Aug 2024 15:42



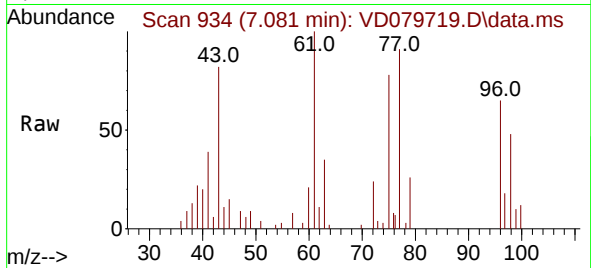
Tgt Ion: 63 Resp: 26521
 Ion Ratio Lower Upper
 63 100
 98 7.7 4.7 14.0
 100 4.9 2.9 8.6





#25
2-Butanone
Concen: 33.107 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD079719.D
Acq: 13 Aug 2024 15:42

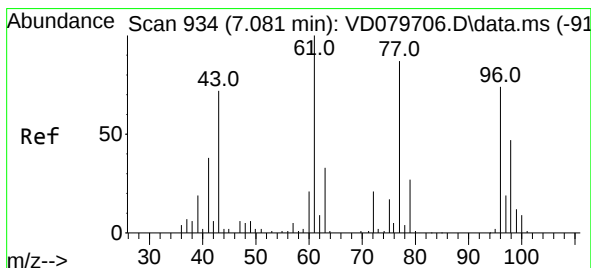
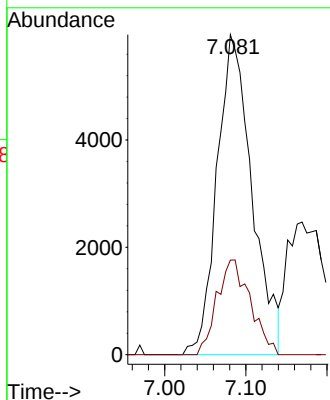
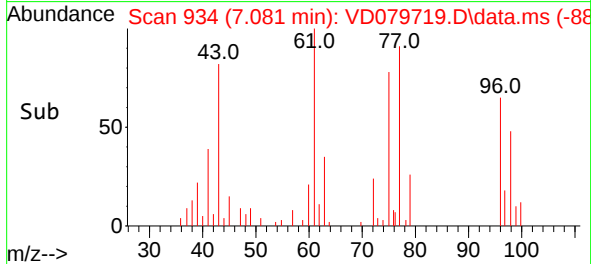
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2024



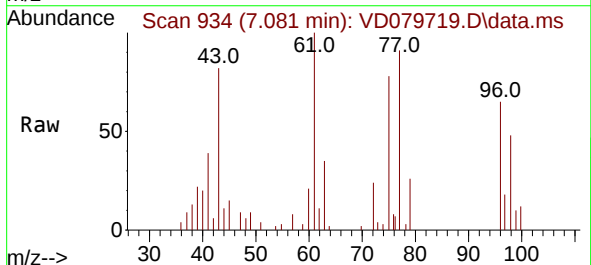
Tgt Ion: 43 Resp: 17820
Ion Ratio Lower Upper
43 100
72 29.5 26.4 39.6

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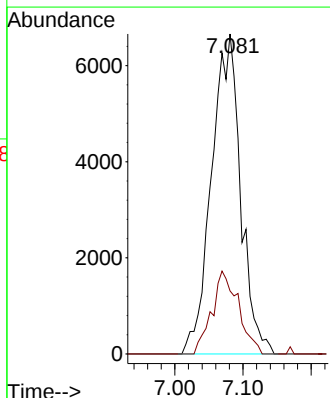
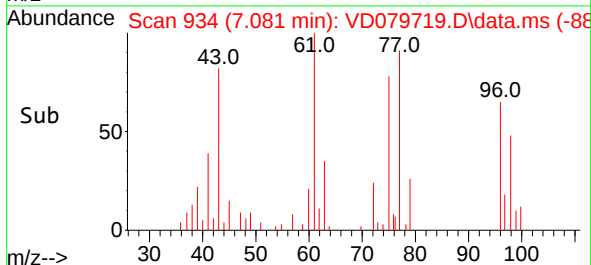
Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024

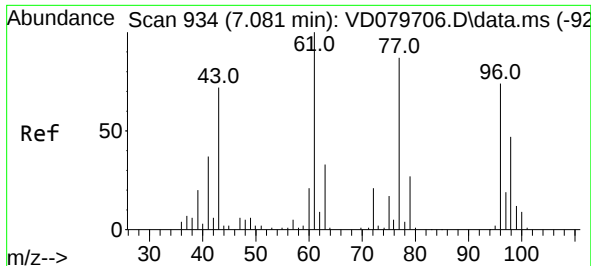


#26
2,2-Dichloropropane
Concen: 6.407 ug/l
RT: 7.081 min Scan# 934
Delta R.T. -0.000 min
Lab File: VD079719.D
Acq: 13 Aug 2024 15:42



Tgt Ion: 77 Resp: 19763
Ion Ratio Lower Upper
77 100
97 23.7 12.4 37.2





#27

cis-1,2-Dichloroethene

Concen: 6.353 ug/l

RT: 7.075 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD079719.D

Acq: 13 Aug 2024 15:42

Instrument :

MSVOA_D

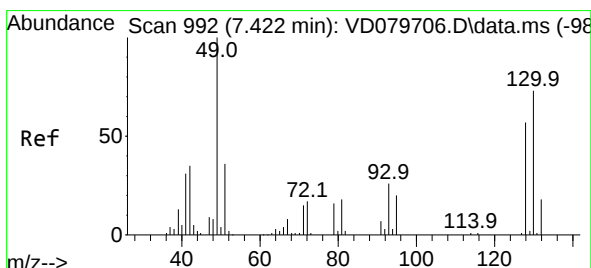
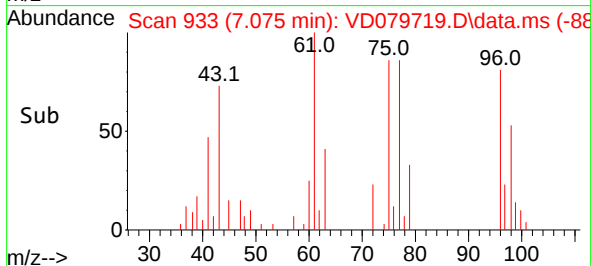
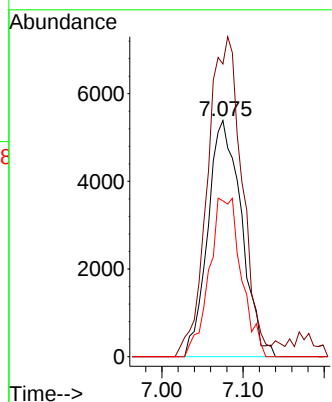
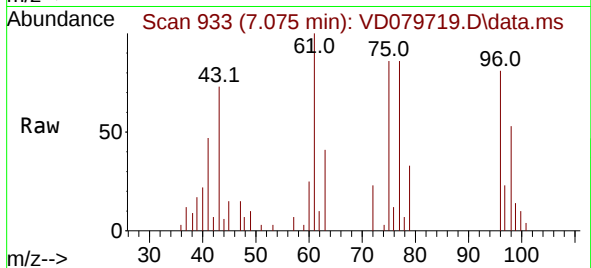
ClientSampleId :

LOQ-SOIL-02-QT3-2024

Tgt Ion: 96	Resp: 1546
Ion Ratio	Lower Upper
96 100	
61 139.2	0.0 229.0
98 64.1	0.0 127.2

Manual Integrations
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Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#28

Bromochloromethane

Concen: 6.752 ug/l

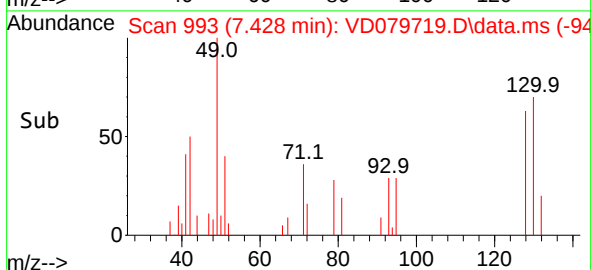
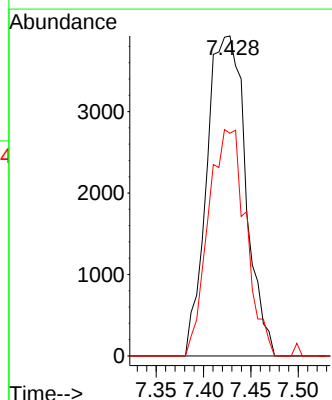
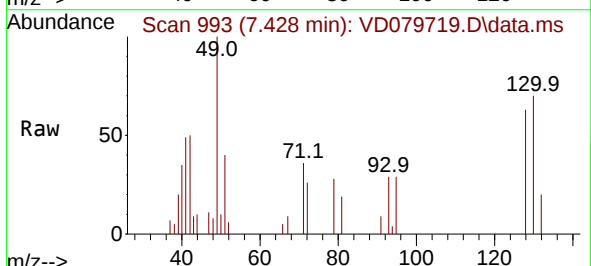
RT: 7.428 min Scan# 993

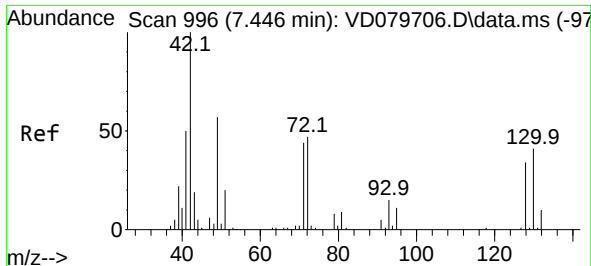
Delta R.T. 0.006 min

Lab File: VD079719.D

Acq: 13 Aug 2024 15:42

Tgt Ion: 49	Resp: 11218
Ion Ratio	Lower Upper
49 100	
129 0.0	0.0 7.0
130 68.4	87.7 131.5





#29

Tetrahydrofuran

Concen: 33.868 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.000 min

Lab File: VD079719.D

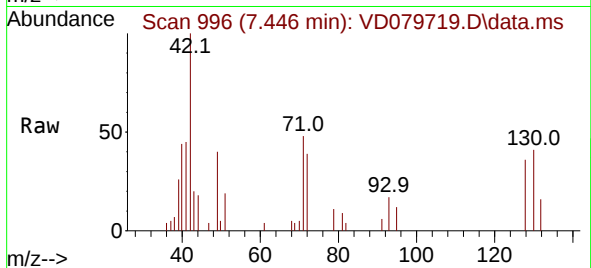
Acq: 13 Aug 2024 15:42

Instrument :

MSVOA_D

ClientSampleId :

LOQ-SOIL-02-QT3-2024



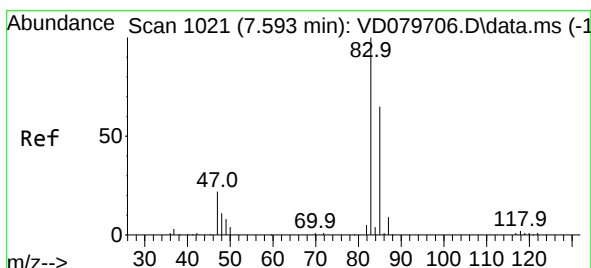
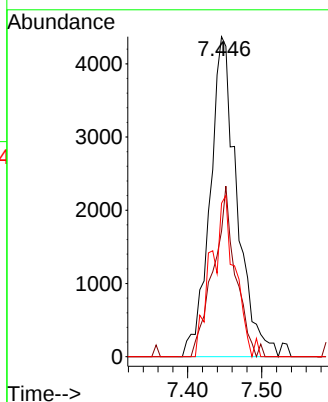
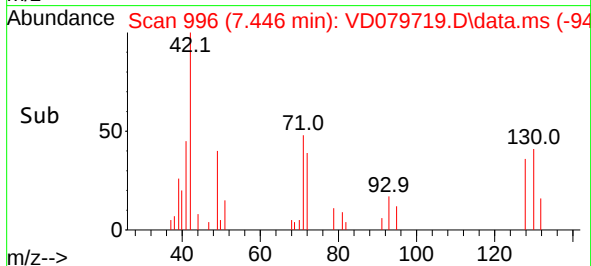
Tgt Ion:	42	Resp:	1108
Ion Ratio	Lower	Upper	
42	100		
72	44.0	49.4	74.0
71	44.6	45.0	67.6

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 08/14/2024

Supervised By :Mahesh Dadoda 08/14/2024



#30

Chloroform

Concen: 6.848 ug/l

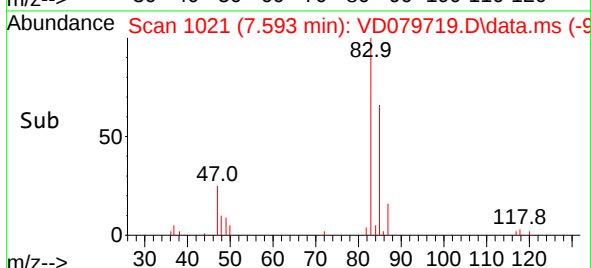
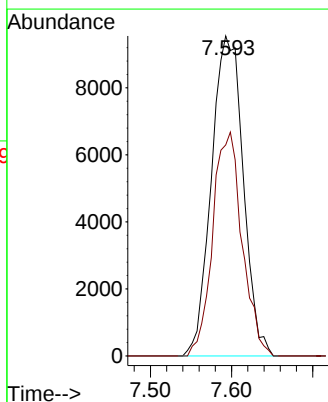
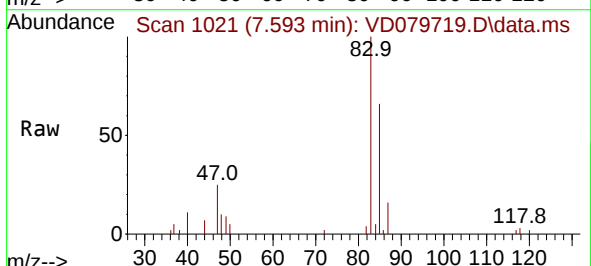
RT: 7.593 min Scan# 1021

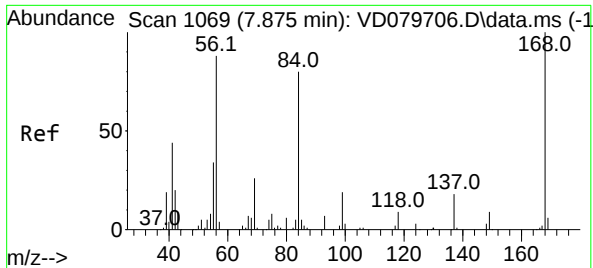
Delta R.T. -0.000 min

Lab File: VD079719.D

Acq: 13 Aug 2024 15:42

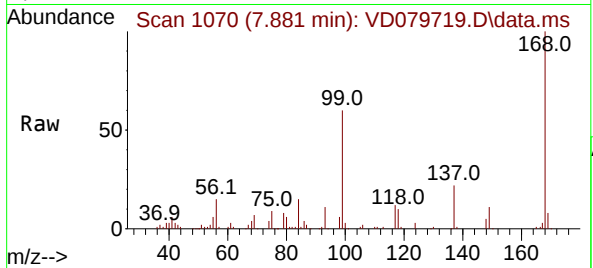
Tgt Ion:	83	Resp:	25971
Ion Ratio	Lower	Upper	
83	100		
85	65.9	51.8	77.6





#31
Cyclohexane
Concen: 6.381 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD079719.D
Acq: 13 Aug 2024 15:42

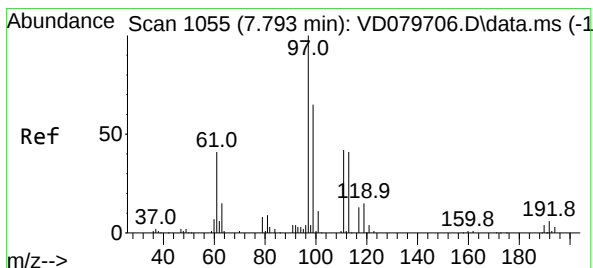
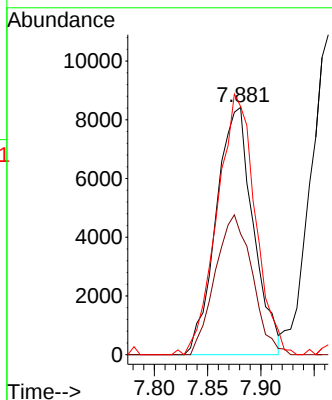
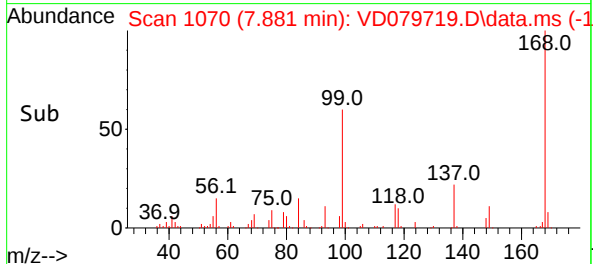
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2024



Tgt Ion: 56 Resp: 2040
Ion Ratio Lower Upper
56 100
69 48.8 28.0 42.0
84 98.4 87.4 131.0

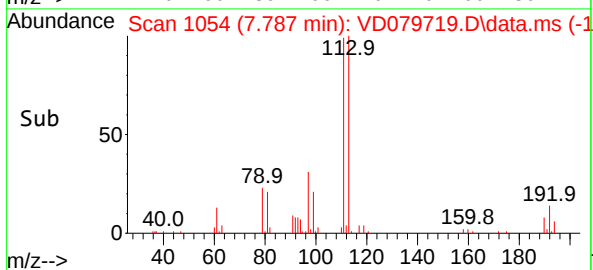
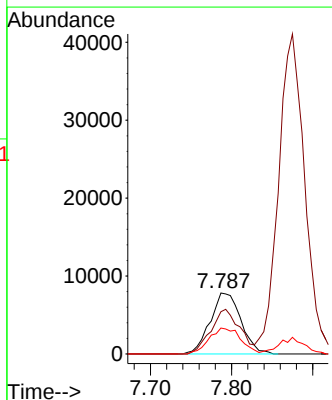
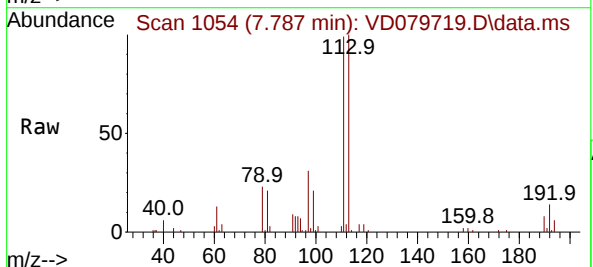
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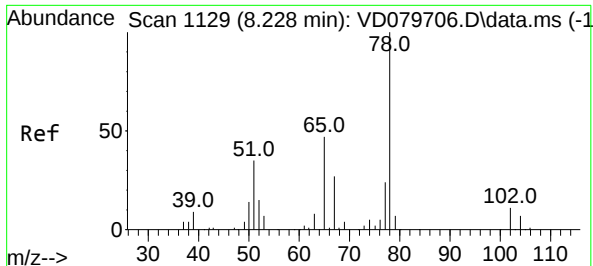
Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#32
1,1,1-Trichloroethane
Concen: 6.557 ug/l
RT: 7.787 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VD079719.D
Acq: 13 Aug 2024 15:42

Tgt Ion: 97 Resp: 20574
Ion Ratio Lower Upper
97 100
99 69.4 51.3 76.9
61 43.5 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 66.761 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD079719.D

Acq: 13 Aug 2024 15:42

Instrument :

MSVOA_D

ClientSampleId :

LOQ-SOIL-02-QT3-2024

Tgt Ion: 65 Resp: 116800

Ion Ratio Lower Upper

65 100

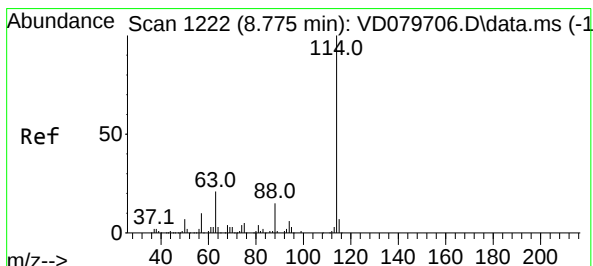
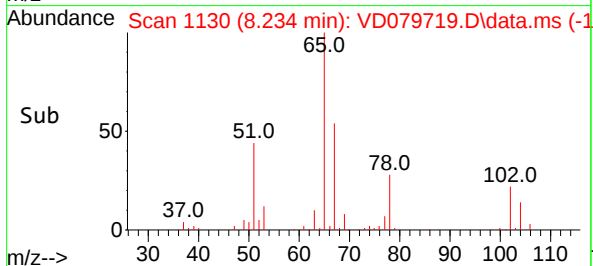
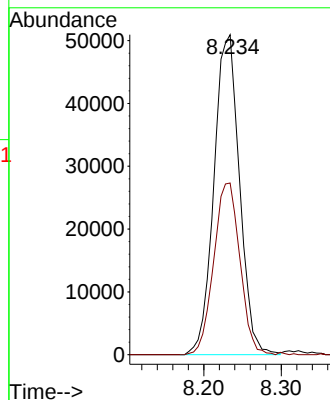
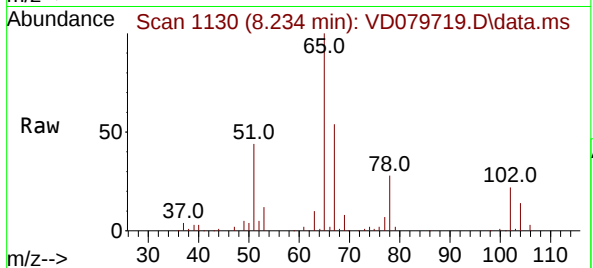
67 54.8 0.0 111.0

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 08/14/2024

Supervised By :Mahesh Dadoda 08/14/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD079719.D

Acq: 13 Aug 2024 15:42

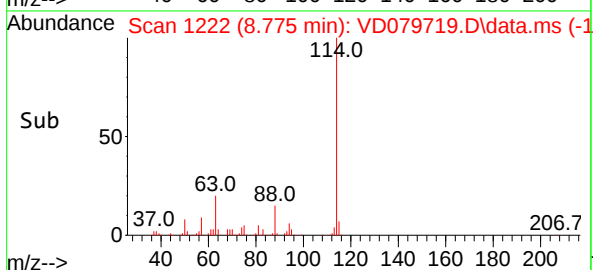
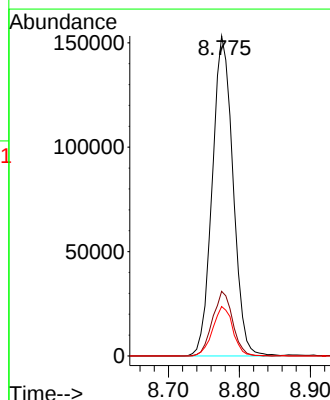
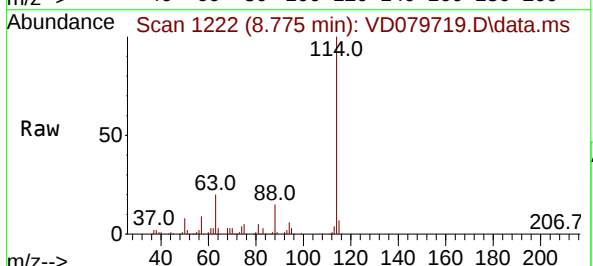
Tgt Ion:114 Resp: 310981

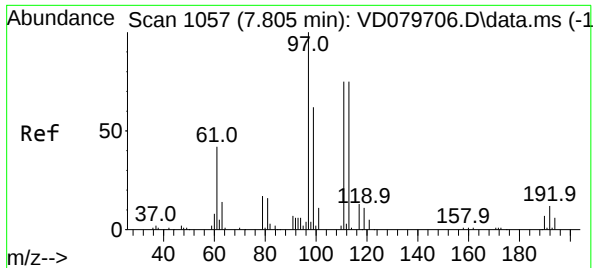
Ion Ratio Lower Upper

114 100

63 20.2 0.0 34.0

88 15.4 0.0 27.2





#35

Dibromofluoromethane

Concen: 59.733 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079719.D

Acq: 13 Aug 2024 15:42

Instrument :

MSVOA_D

ClientSampleId :

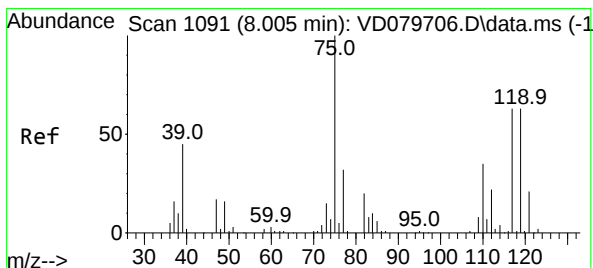
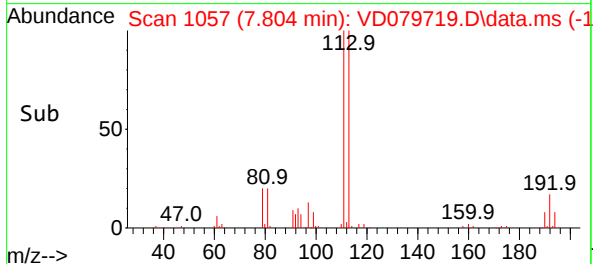
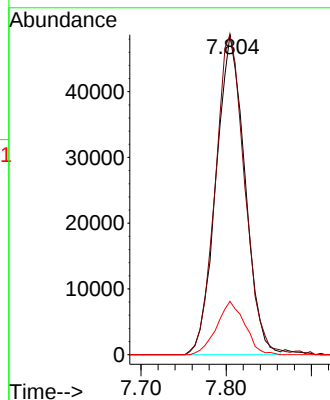
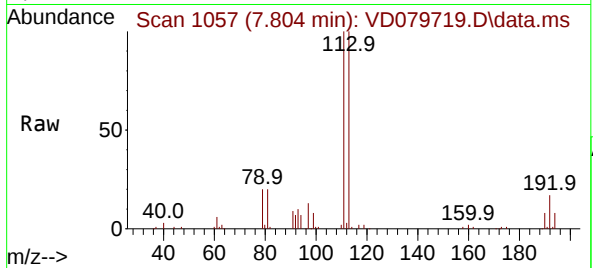
LOQ-SOIL-02-QT3-2024

Tgt Ion:	113	Resp:	11451
Ion Ratio	Lower	Upper	
113	100		
111	101.8	84.0	126.0
192	16.2	15.4	23.0

Manual Integrations

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Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#36

1,1-Dichloropropene

Concen: 5.466 ug/l

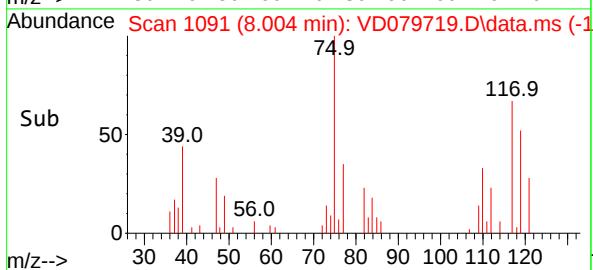
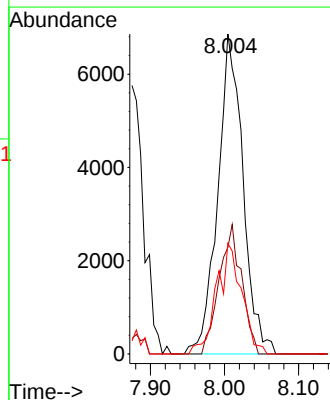
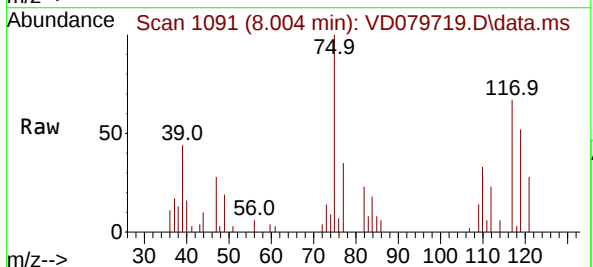
RT: 8.004 min Scan# 1091

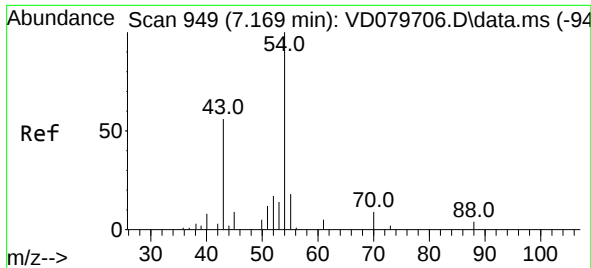
Delta R.T. -0.000 min

Lab File: VD079719.D

Acq: 13 Aug 2024 15:42

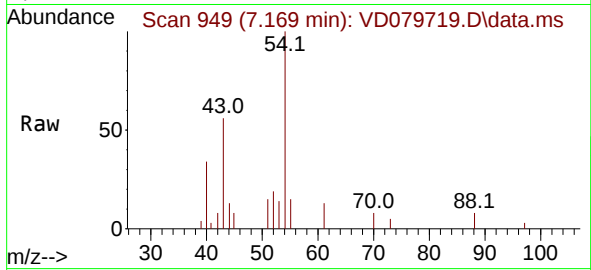
Tgt Ion:	75	Resp:	16245
Ion Ratio	Lower	Upper	
75	100		
110	35.9	19.6	58.7
77	34.4	26.1	39.1





#37
Ethyl Acetate
Concen: 5.797 ug/l m
RT: 7.169 min Scan# 949
Delta R.T. -0.000 min
Lab File: VD079719.D
Acq: 13 Aug 2024 15:42

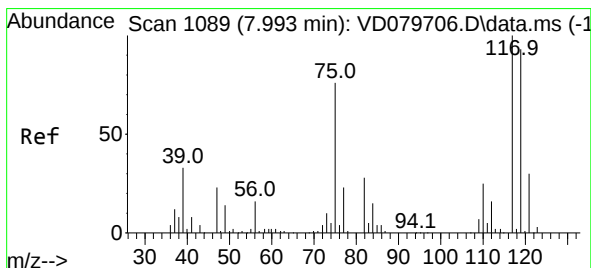
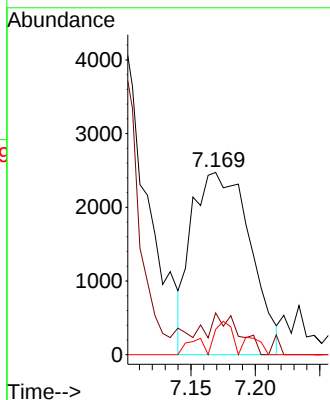
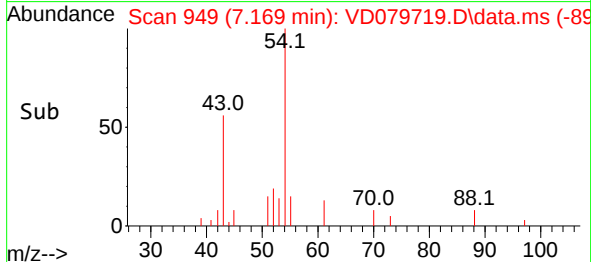
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2024



Tgt Ion: 43 Resp: 7790
Ion Ratio Lower Upper
43 100
61 13.0 13.9 20.9
70 5.3 9.8 14.6

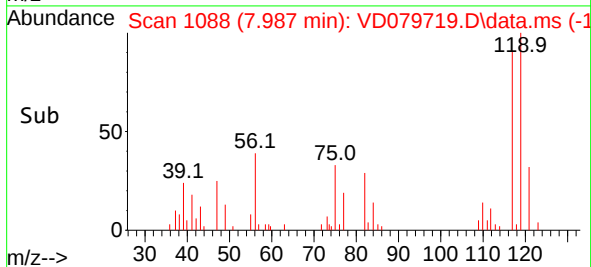
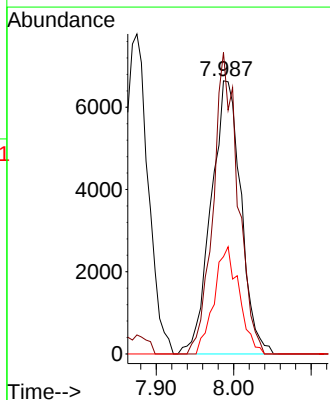
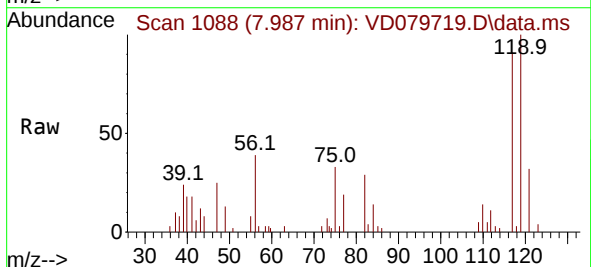
Manual Integrations
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Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#38
Carbon Tetrachloride
Concen: 5.881 ug/l
RT: 7.987 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD079719.D
Acq: 13 Aug 2024 15:42

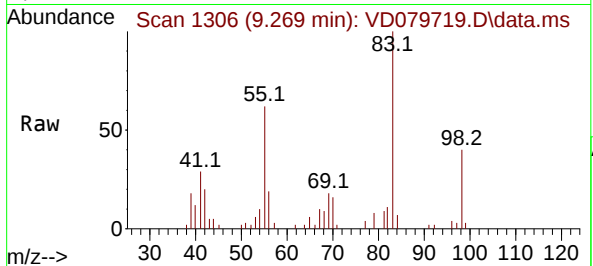
Tgt Ion:117 Resp: 17741
Ion Ratio Lower Upper
117 100
119 110.4 75.4 113.0
121 35.7 25.0 37.4





#39
Methylcyclohexane
Concen: 5.457 ug/l
RT: 9.269 min Scan# 11306
Delta R.T. -0.006 min
Lab File: VD079719.D
Acq: 13 Aug 2024 15:42

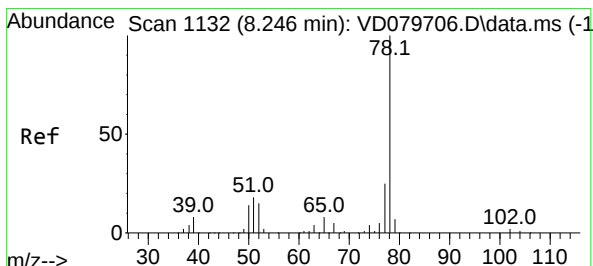
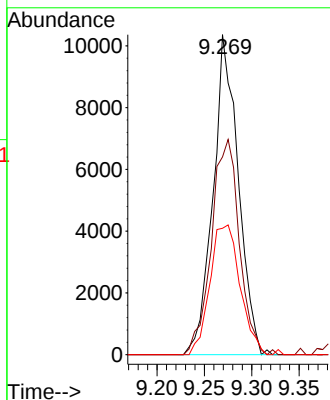
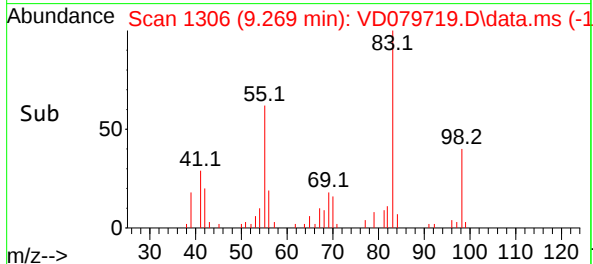
Instrument : MSVOA_D
ClientSampleId : LOQ-SOIL-02-QT3-2024



Tgt Ion: 83 Resp: 1916
Ion Ratio Lower Upper
83 100
55 61.8 50.1 75.1
98 39.5 41.9 62.9

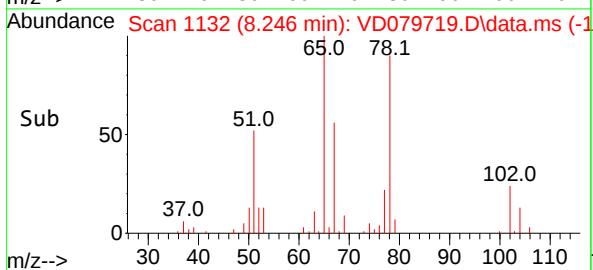
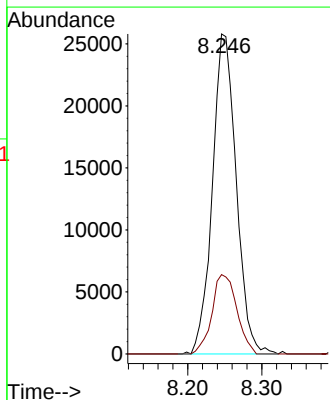
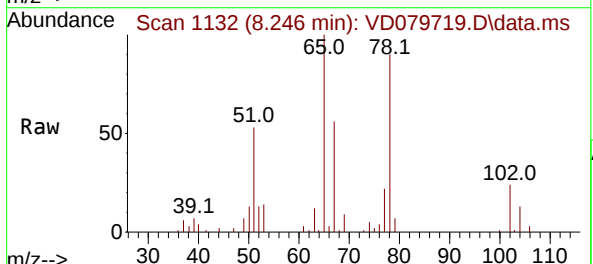
Manual Integrations
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Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#40
Benzene
Concen: 5.959 ug/l
RT: 8.246 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VD079719.D
Acq: 13 Aug 2024 15:42

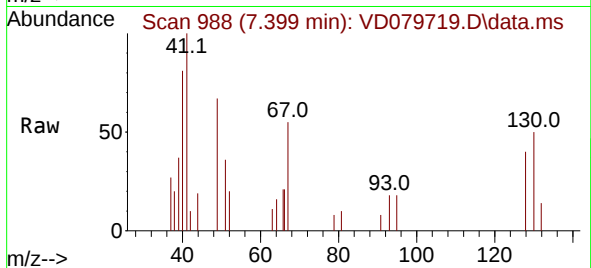
Tgt Ion: 78 Resp: 57593
Ion Ratio Lower Upper
78 100
77 24.8 18.1 27.1





#41
Methacrylonitrile
Concen: 5.476 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD079719.D
Acq: 13 Aug 2024 15:42

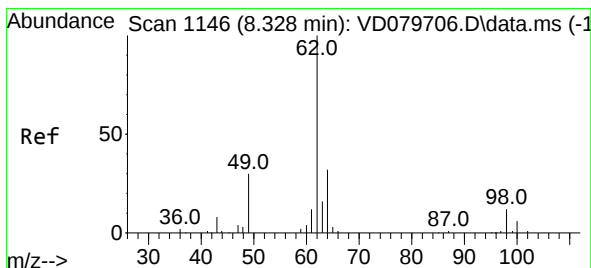
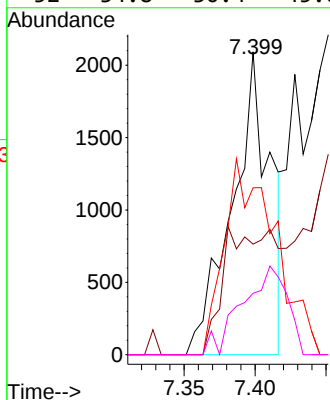
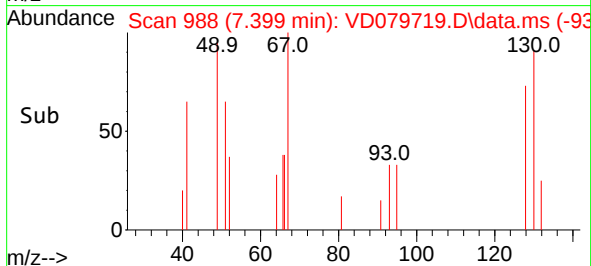
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2024



Tgt Ion:	41	Resp:	3879
Ion	Ratio	Lower	Upper
41	100		
39	0.0	41.4	62.0
67	0.0	85.8	128.6
52	34.8	30.4	45.6

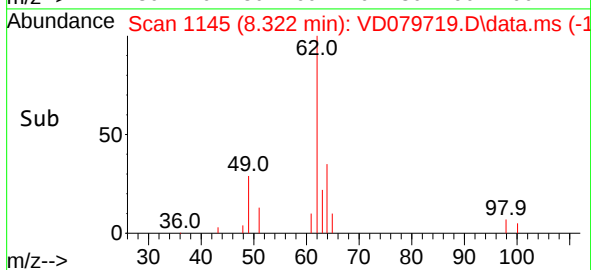
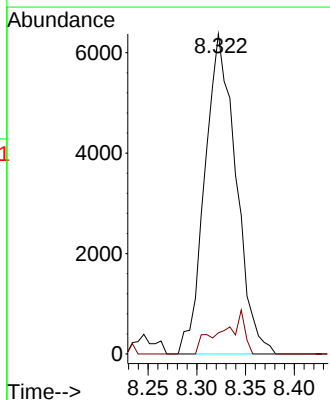
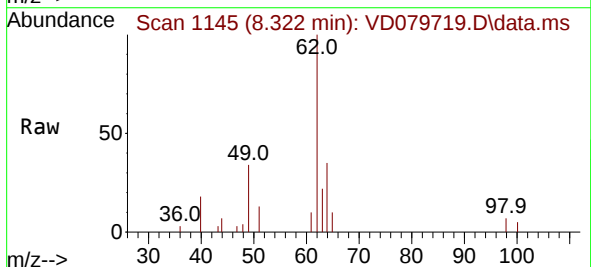
Manual Integrations
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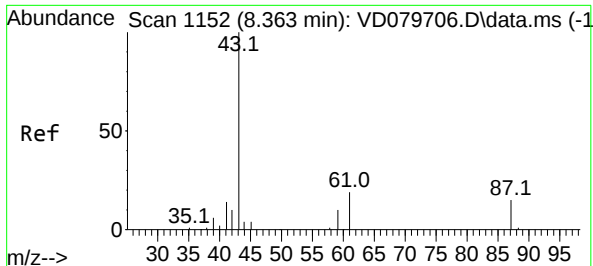
Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#42
1,2-Dichloroethane
Concen: 6.343 ug/l m
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD079719.D
Acq: 13 Aug 2024 15:42

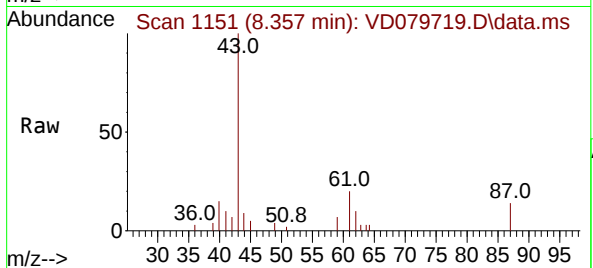
Tgt Ion:	62	Resp:	14170
Ion	Ratio	Lower	Upper
62	100		
98	0.5	0.0	25.8





#43
Isopropyl Acetate
Concen: 6.379 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD079719.D
Acq: 13 Aug 2024 15:42

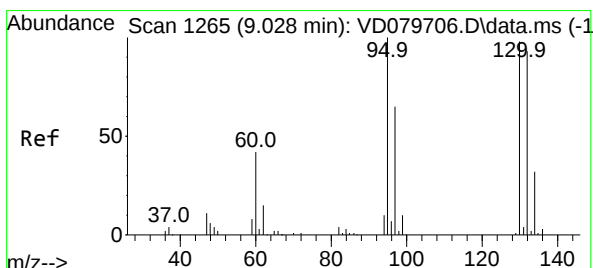
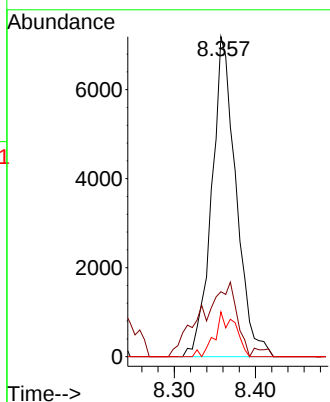
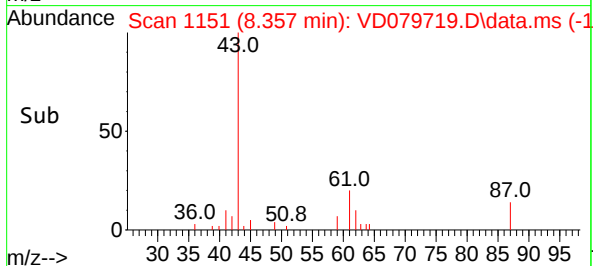
Instrument : MSVOA_D
ClientSampleId : LOQ-SOIL-02-QT3-2024



Tgt Ion: 43 Resp: 1496
Ion Ratio Lower Upper
43 100
61 33.4 29.3 43.9
87 11.8 14.9 22.3

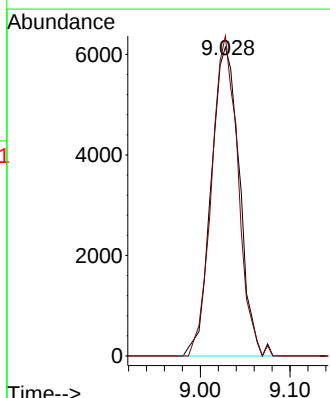
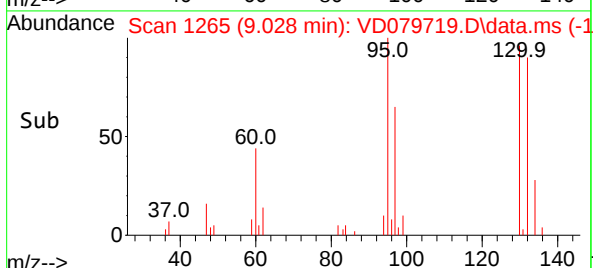
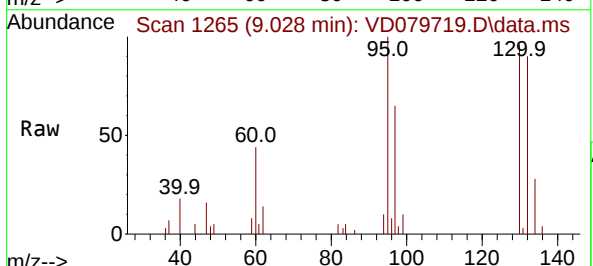
Manual Integrations
APPROVED

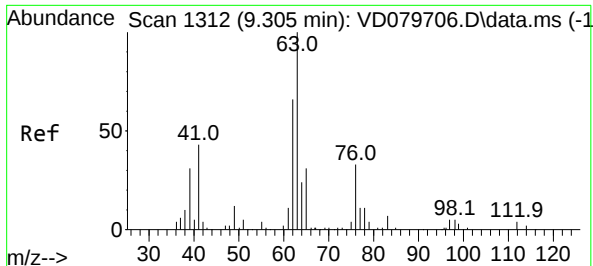
Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#44
Trichloroethene
Concen: 6.306 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD079719.D
Acq: 13 Aug 2024 15:42

Tgt Ion:130 Resp: 13387
Ion Ratio Lower Upper
130 100
95 103.6 0.0 177.8





#45

1,2-Dichloropropane

Concen: 6.057 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD079719.D

Acq: 13 Aug 2024 15:42

Instrument :

MSVOA_D

ClientSampleId :

LOQ-SOIL-02-QT3-2024

Tgt Ion: 63 Resp: 14410

Ion Ratio Lower Upper

63 100

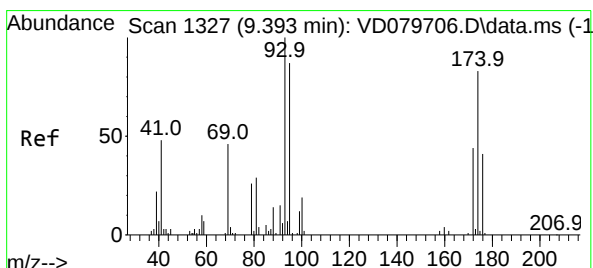
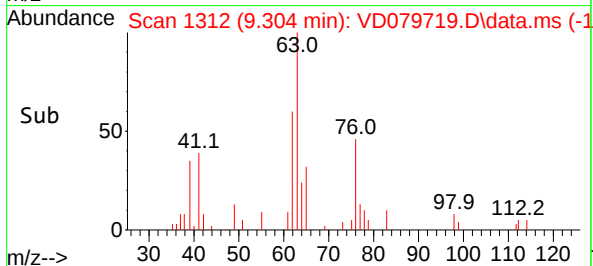
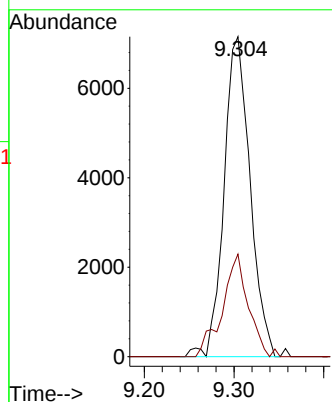
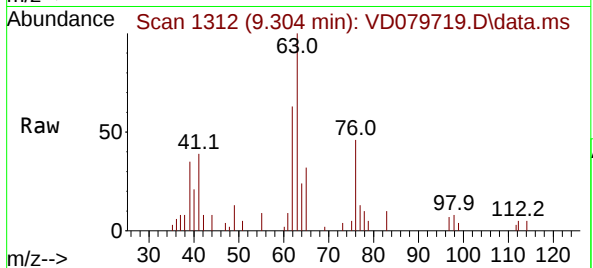
65 32.0 23.8 35.8

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 08/14/2024

Supervised By :Mahesh Dadoda 08/14/2024



#46

Dibromomethane

Concen: 6.030 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD079719.D

Acq: 13 Aug 2024 15:42

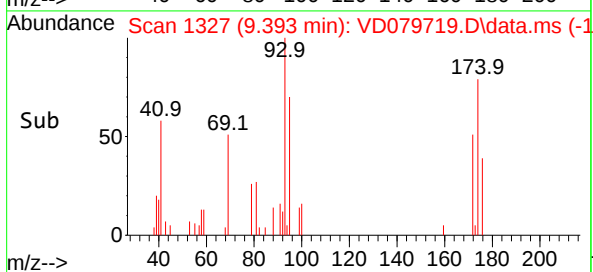
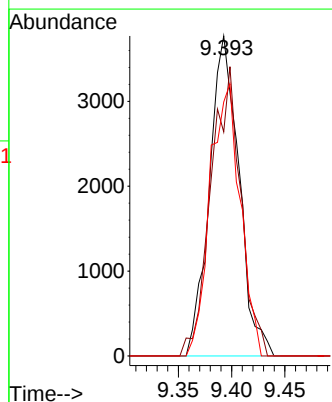
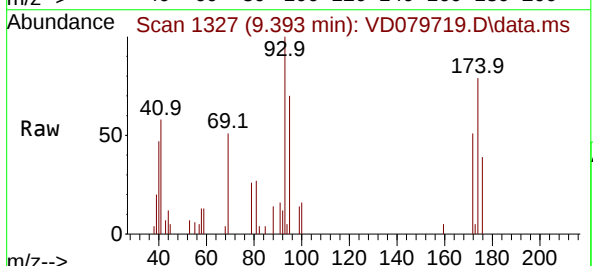
Tgt Ion: 93 Resp: 7263

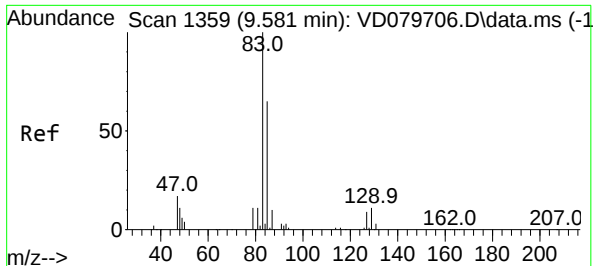
Ion Ratio Lower Upper

93 100

95 91.6 65.6 98.4

174 86.9 82.3 123.5





#47

Bromodichloromethane

Concen: 6.074 ug/l

RT: 9.587 min Scan# 1359

Delta R.T. 0.006 min

Lab File: VD079719.D

Acq: 13 Aug 2024 15:42

Instrument :

MSVOA_D

ClientSampleId :

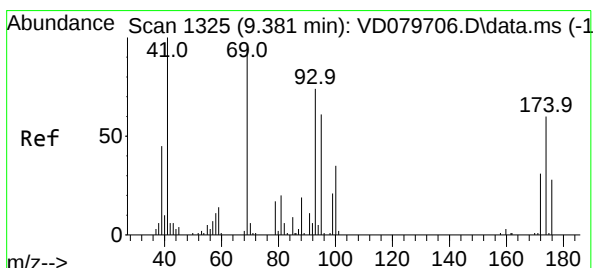
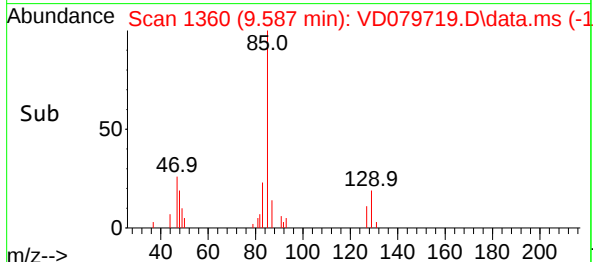
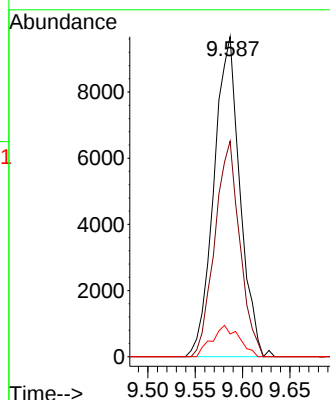
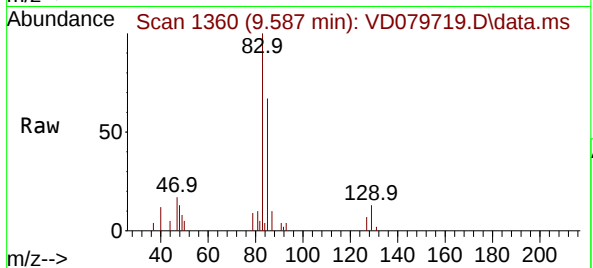
LOQ-SOIL-02-QT3-2024

Tgt Ion: 83	Resp: 1844
Ion Ratio	Lower Upper
83	100
85	67.3 50.1 75.1
127	7.1 6.8 10.2

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#48

Methyl methacrylate

Concen: 6.161 ug/l

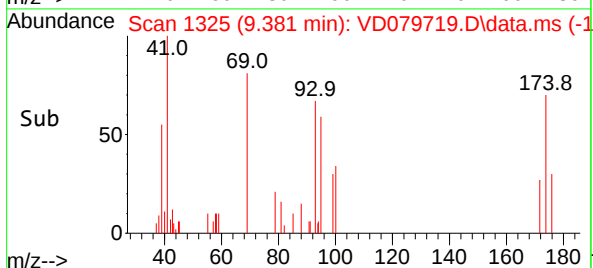
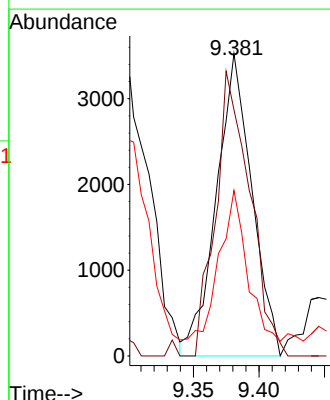
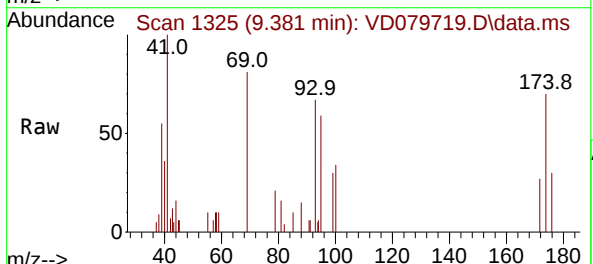
RT: 9.381 min Scan# 1325

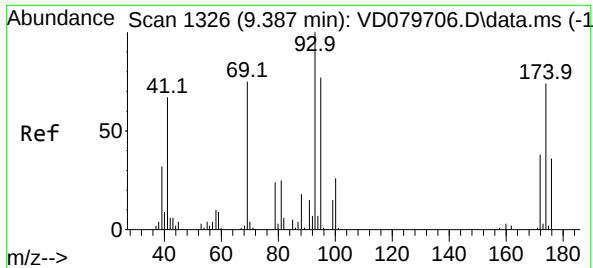
Delta R.T. -0.000 min

Lab File: VD079719.D

Acq: 13 Aug 2024 15:42

Tgt Ion: 41	Resp: 6647
Ion Ratio	Lower Upper
41	100
69	91.1 96.7 145.1#
39	50.3 43.8 65.6





#49

1,4-Dioxane

Concen: 102.543 ug/l

RT: 9.375 min Scan# 11

Delta R.T. -0.012 min

Lab File: VD079719.D

Acq: 13 Aug 2024 15:42

Instrument :

MSVOA_D

ClientSampleId :

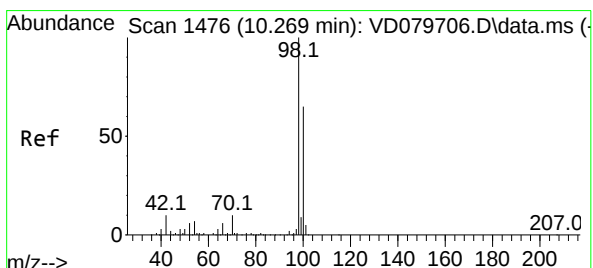
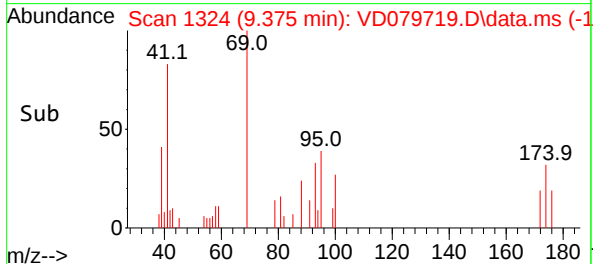
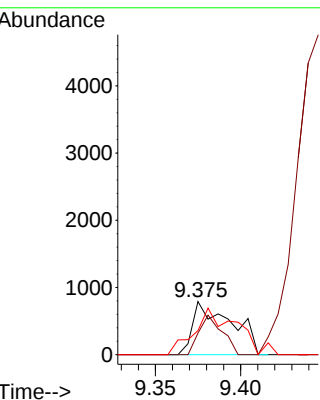
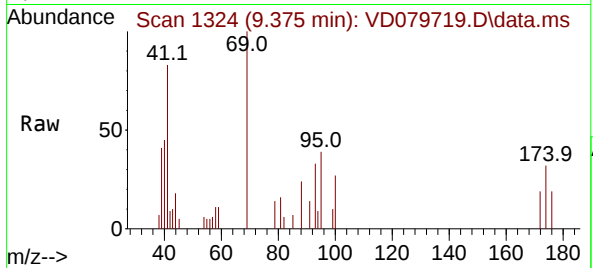
LOQ-SOIL-02-QT3-2024

Tgt Ion: 88	Resp: 124
Ion Ratio	Lower Upper
88	100
43	44.7 21.5 32.3
58	97.6 42.2 63.4

Manual Integrations

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Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#50

Toluene-d8

Concen: 58.913 ug/l

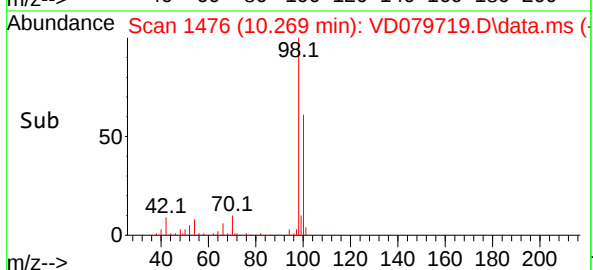
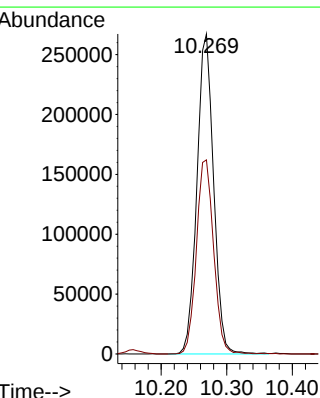
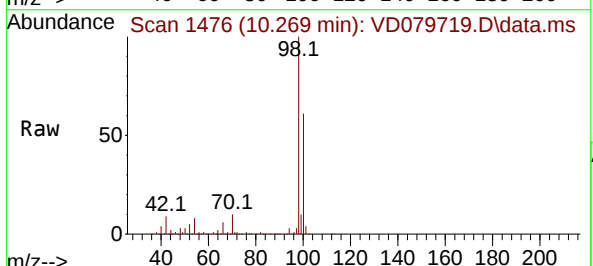
RT: 10.269 min Scan# 1476

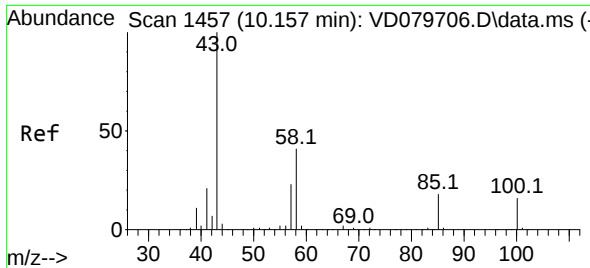
Delta R.T. -0.000 min

Lab File: VD079719.D

Acq: 13 Aug 2024 15:42

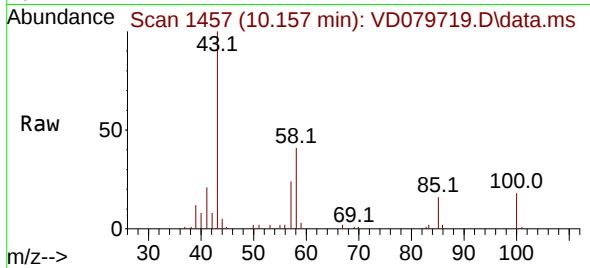
Tgt Ion: 98	Resp: 472056
Ion Ratio	Lower Upper
98	100
100	62.8 51.6 77.4





#51
4-Methyl-2-Pentanone
Concen: 29.747 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD079719.D
Acq: 13 Aug 2024 15:42

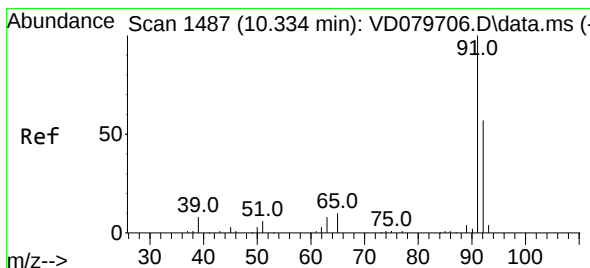
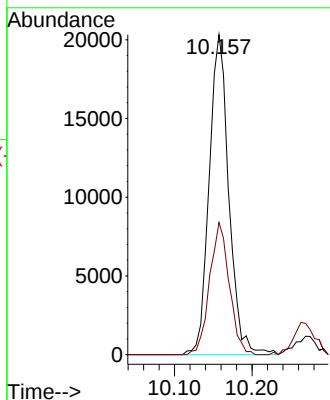
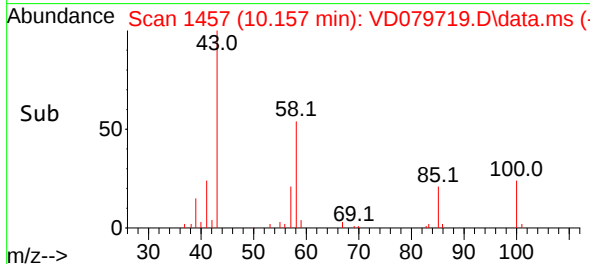
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2024



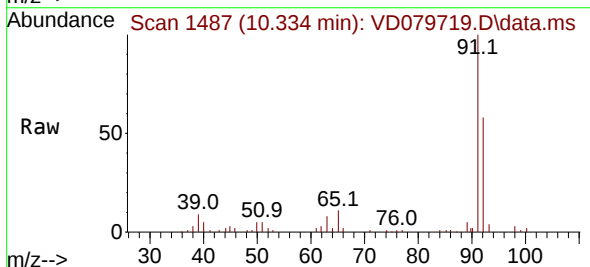
Tgt Ion: 43 Resp: 3589
Ion Ratio Lower Upper
43 100
58 41.2 36.6 55.0

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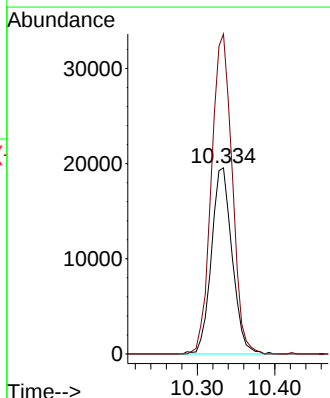
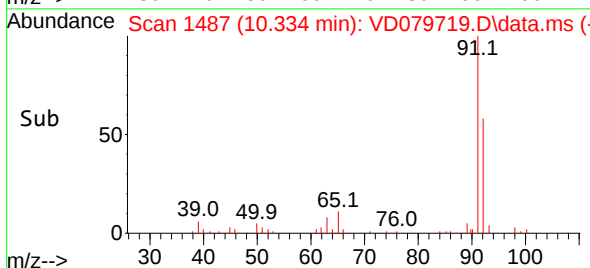
Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024

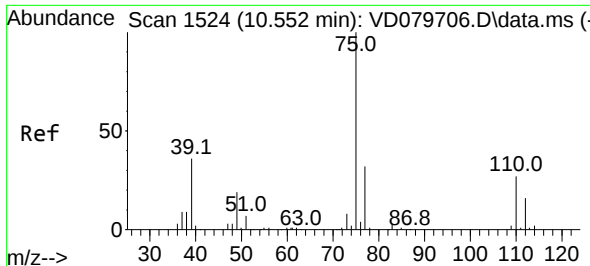


#52
Toluene
Concen: 6.271 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD079719.D
Acq: 13 Aug 2024 15:42



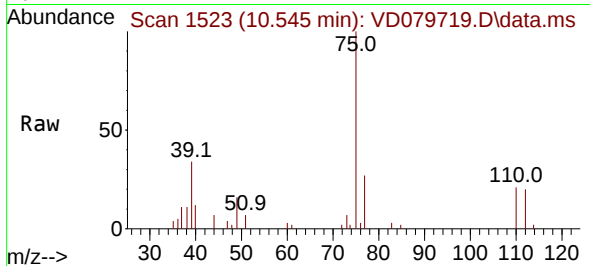
Tgt Ion: 92 Resp: 36347
Ion Ratio Lower Upper
92 100
91 171.9 141.7 212.5





#53
t-1,3-Dichloropropene
Concen: 5.987 ug/l
RT: 10.545 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD079719.D
Acq: 13 Aug 2024 15:42

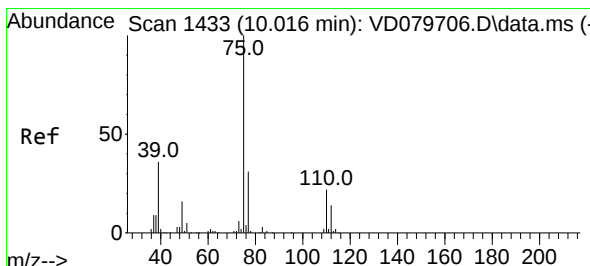
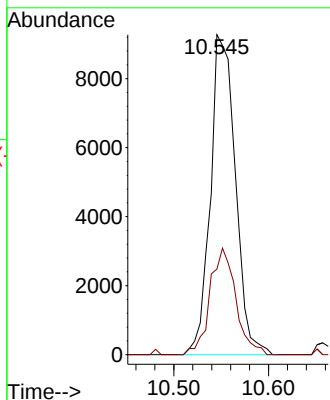
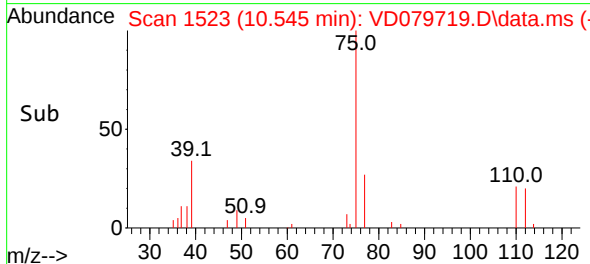
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2024



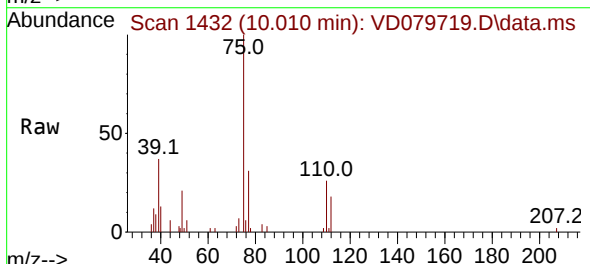
Tgt Ion: 75 Resp: 16992
Ion Ratio Lower Upper
75 100
77 26.8 25.0 37.6

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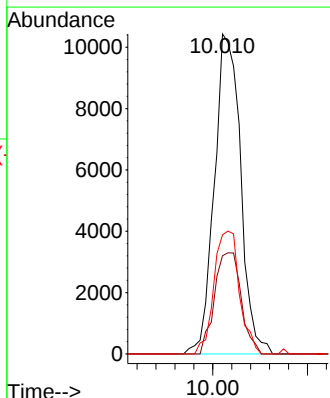
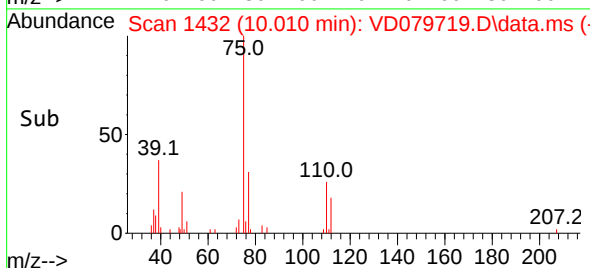
Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024

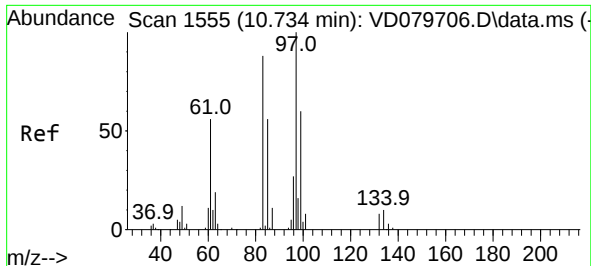


#54
cis-1,3-Dichloropropene
Concen: 5.753 ug/l
RT: 10.010 min Scan# 1432
Delta R.T. -0.006 min
Lab File: VD079719.D
Acq: 13 Aug 2024 15:42



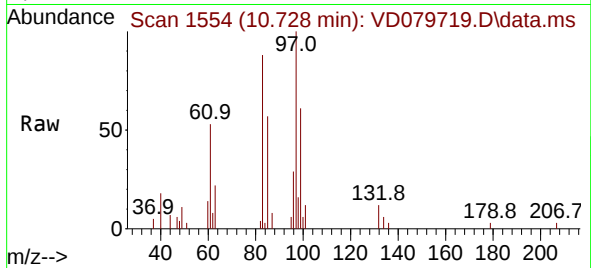
Tgt Ion: 75 Resp: 20040
Ion Ratio Lower Upper
75 100
77 30.7 24.4 36.6
39 37.3 24.2 36.2#





#55
1,1,2-Trichloroethane
Concen: 6.105 ug/l
RT: 10.728 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VD079719.D
Acq: 13 Aug 2024 15:42

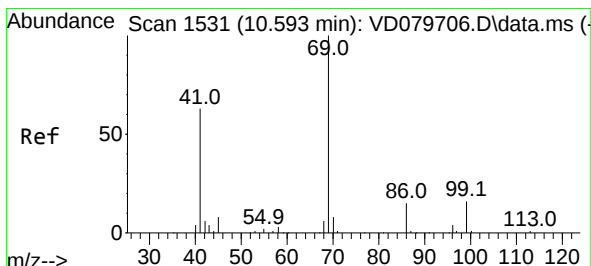
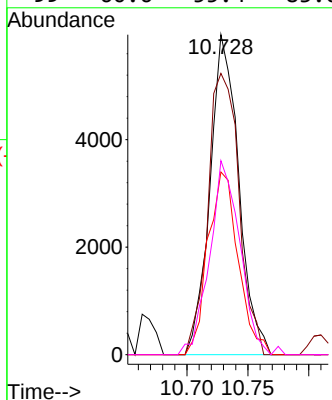
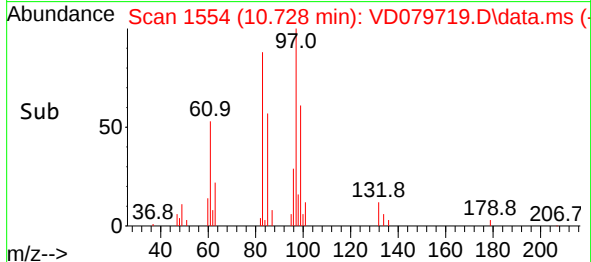
Instrument : MSVOA_D
ClientSampleId : LOQ-SOIL-02-QT3-2024



Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.9	65.8	98.8
85	57.1	43.8	65.8
99	60.6	55.4	83.0

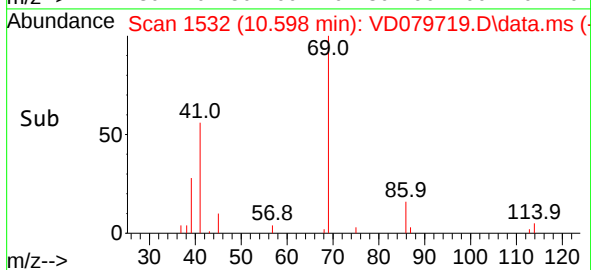
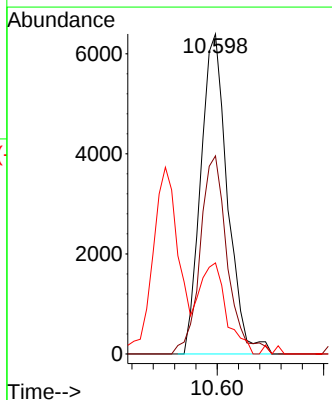
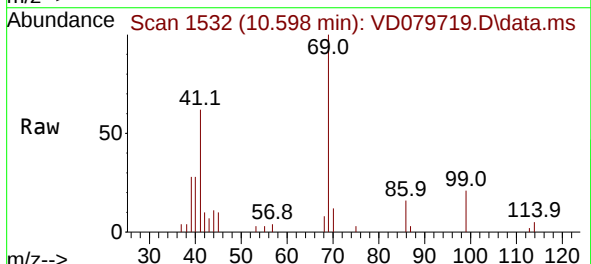
Manual Integrations
APPROVED

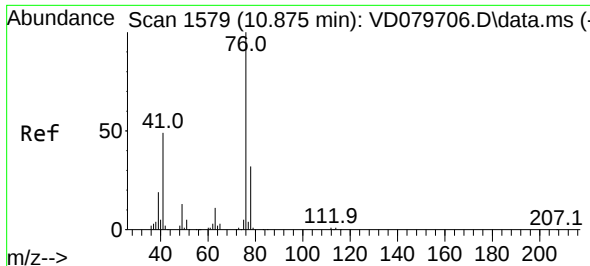
Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#56
Ethyl methacrylate
Concen: 5.682 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.005 min
Lab File: VD079719.D
Acq: 13 Aug 2024 15:42

Tgt Ion	Ratio	Lower	Upper
69	100		
41	63.0	39.8	59.6
39	29.0	20.2	30.4





#57

1,3-Dichloropropane

Concen: 6.093 ug/l

RT: 10.881 min Scan# 1579

Delta R.T. 0.006 min

Lab File: VD079719.D

Acq: 13 Aug 2024 15:42

Instrument :

MSVOA_D

ClientSampleId :

LOQ-SOIL-02-QT3-2024

Tgt Ion: 76 Resp: 16864

Ion Ratio Lower Upper

76 100

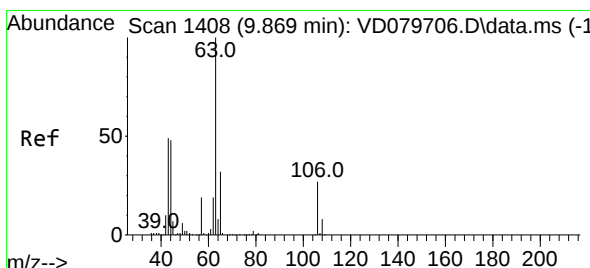
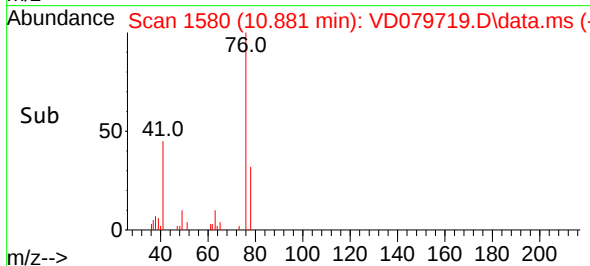
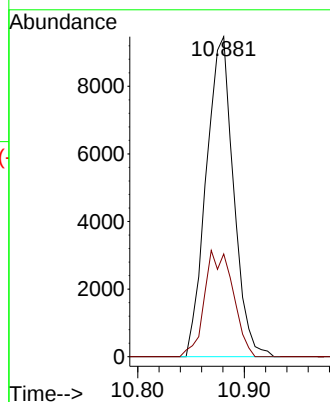
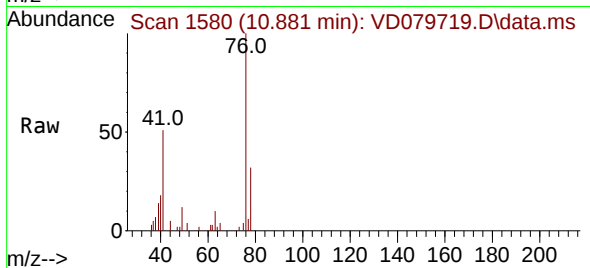
78 34.6 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 08/14/2024

Supervised By :Mahesh Dadoda 08/14/2024



#58

2-Chloroethyl Vinyl ether

Concen: 29.546 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD079719.D

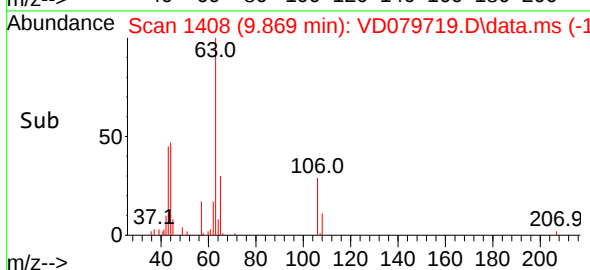
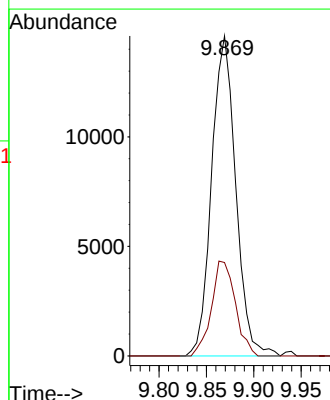
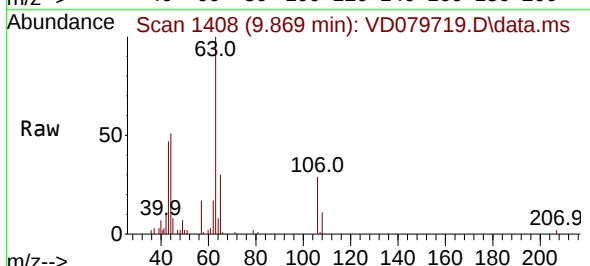
Acq: 13 Aug 2024 15:42

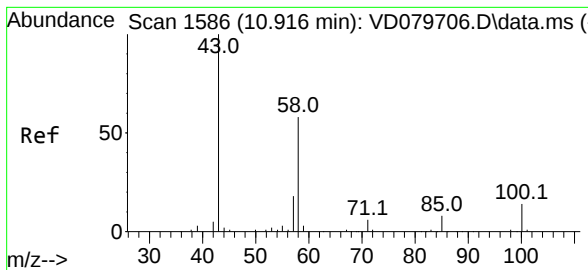
Tgt Ion: 63 Resp: 25869

Ion Ratio Lower Upper

63 100

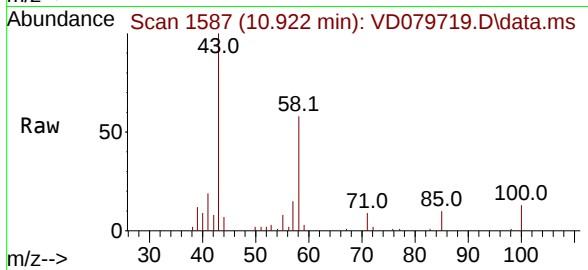
106 29.4 26.4 39.6





#59
2-Hexanone
Concen: 28.629 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VD079719.D
Acq: 13 Aug 2024 15:42

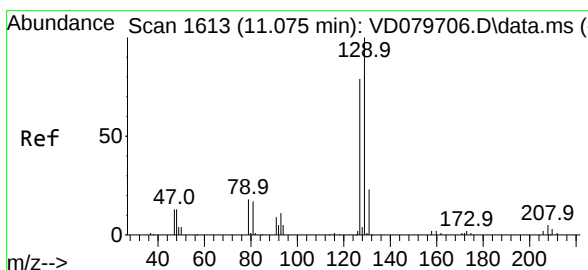
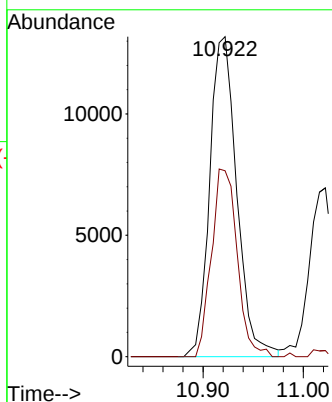
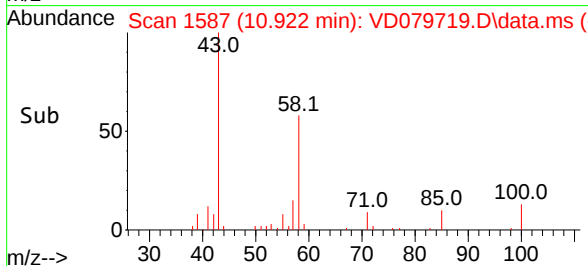
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2024



Tgt Ion: 43 Resp: 24714
Ion Ratio Lower Upper
43 100
58 55.6 31.1 93.5

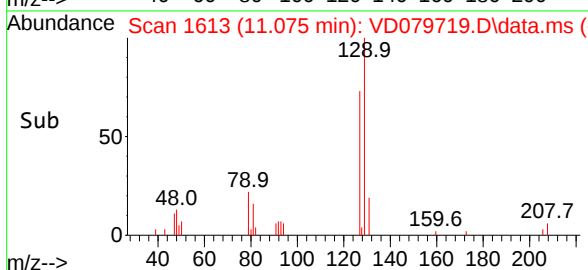
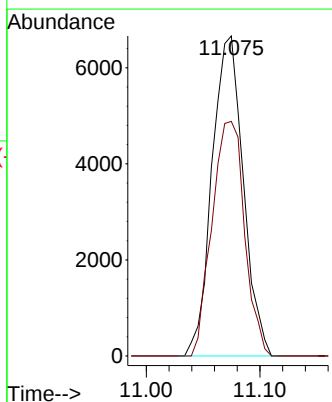
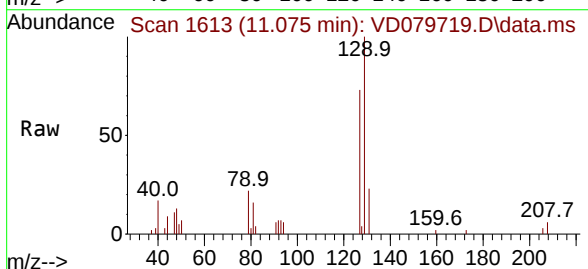
Manual Integrations
APPROVED

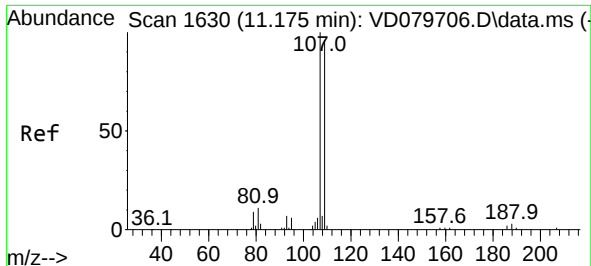
Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#60
Dibromochloromethane
Concen: 6.429 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD079719.D
Acq: 13 Aug 2024 15:42

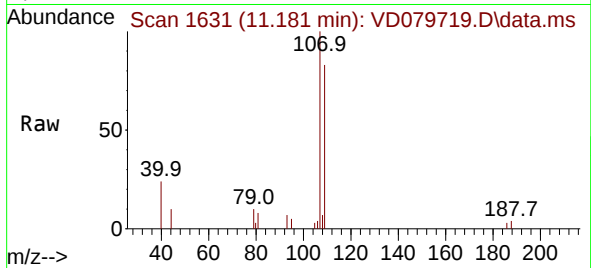
Tgt Ion:129 Resp: 12717
Ion Ratio Lower Upper
129 100
127 76.3 38.0 113.9





#61
1,2-Dibromoethane
Concen: 6.551 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.006 min
Lab File: VD079719.D
Acq: 13 Aug 2024 15:42

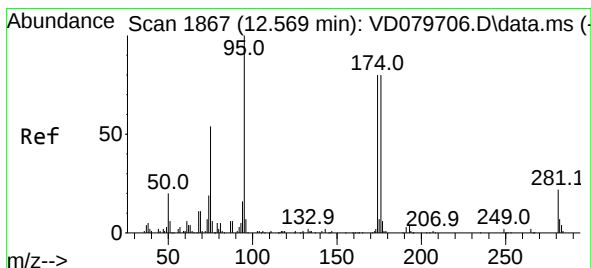
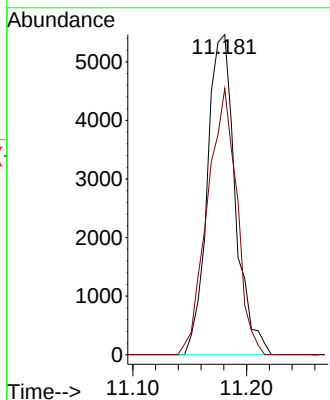
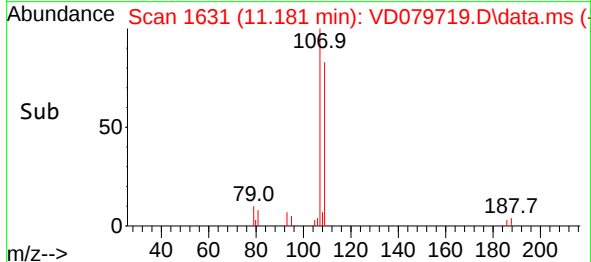
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2024



Tgt Ion:107 Resp: 9339
Ion Ratio Lower Upper
107 100
109 87.5 72.0 108.0

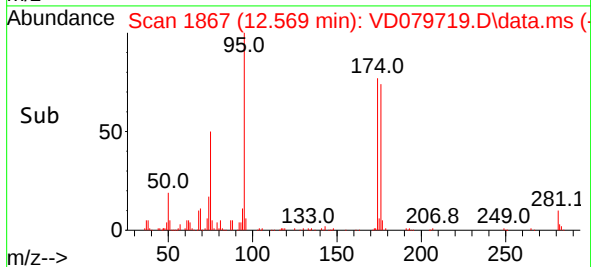
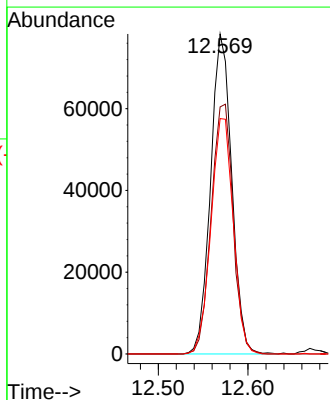
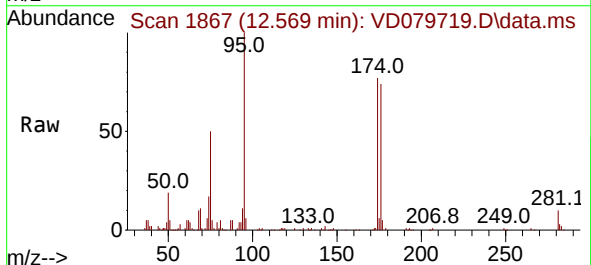
Manual Integrations
APPROVED

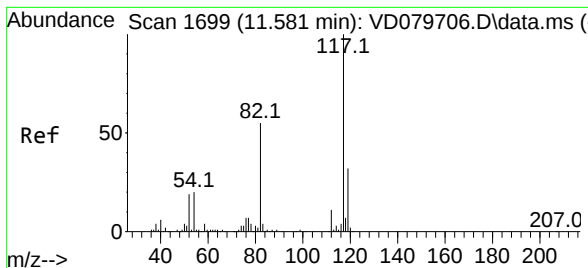
Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#62
4-Bromofluorobenzene
Concen: 57.035 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079719.D
Acq: 13 Aug 2024 15:42

Tgt Ion: 95 Resp: 127960
Ion Ratio Lower Upper
95 100
174 80.9 0.0 195.4
176 77.7 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: VD079719.D

Acq: 13 Aug 2024 15:42

Instrument :

MSVOA_D

ClientSampleId :

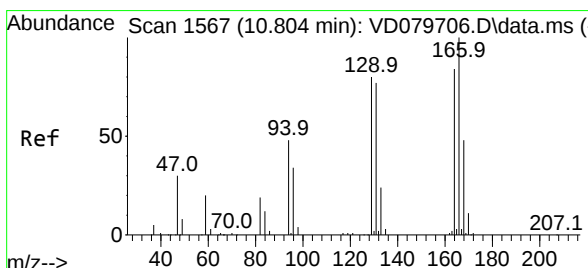
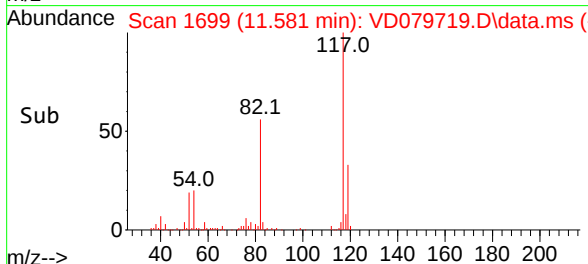
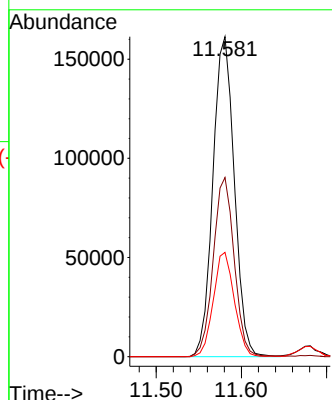
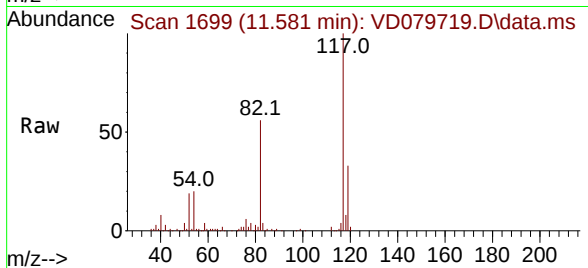
LOQ-SOIL-02-QT3-2024

Tgt Ion:	117	Resp:	28183
Ion Ratio	Lower	Upper	
117	100		
82	56.0	39.8	59.6
119	32.6	25.7	38.5

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#64

Tetrachloroethene

Concen: 6.217 ug/l

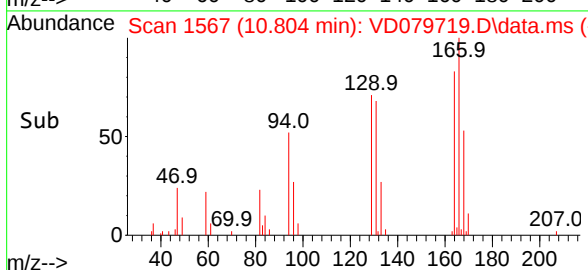
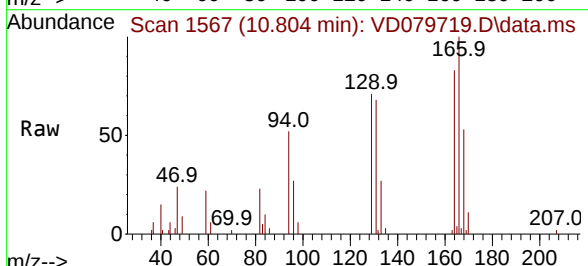
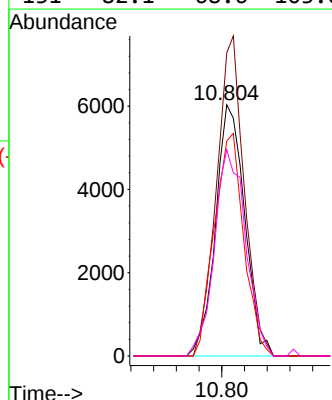
RT: 10.804 min Scan# 1567

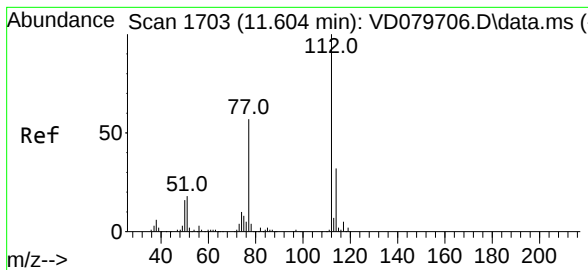
Delta R.T. -0.000 min

Lab File: VD079719.D

Acq: 13 Aug 2024 15:42

Tgt Ion:	164	Resp:	10706
Ion Ratio	Lower	Upper	
164	100		
166	120.6	108.6	163.0
129	85.6	74.6	112.0
131	82.1	68.6	103.0





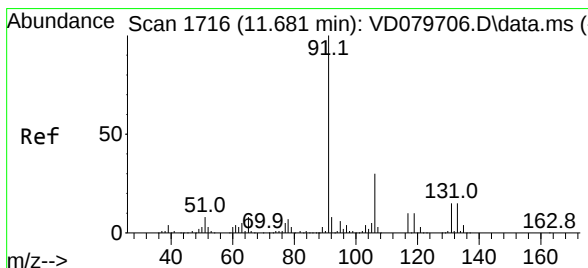
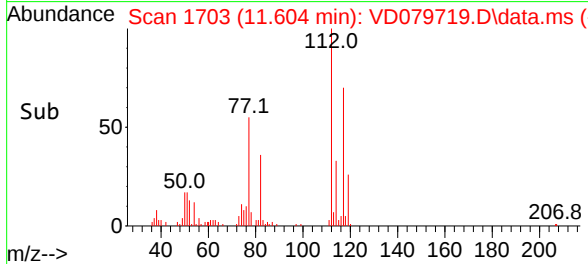
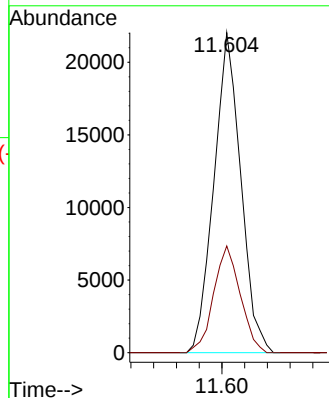
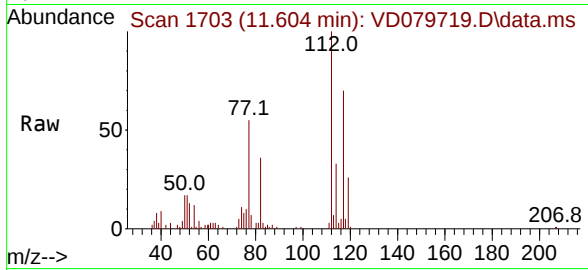
#65
Chlorobenzene
Concen: 5.851 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD079719.D
Acq: 13 Aug 2024 15:42

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

Tgt Ion:112 Resp: 3620
Ion Ratio Lower Upper
112 100
114 33.3 26.0 39.0

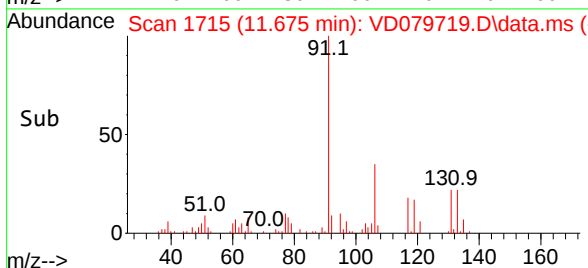
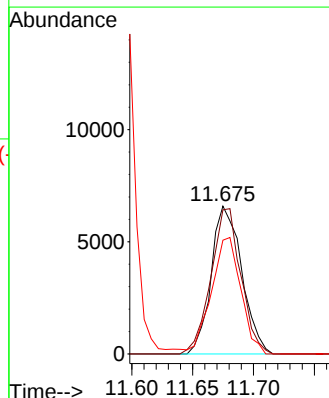
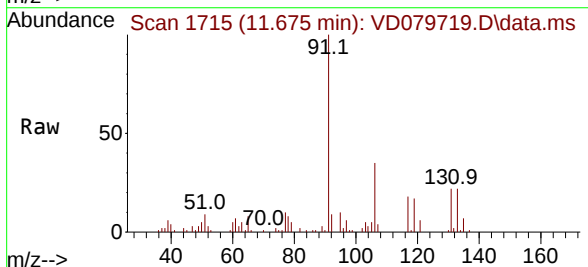
Manual Integrations
APPROVED

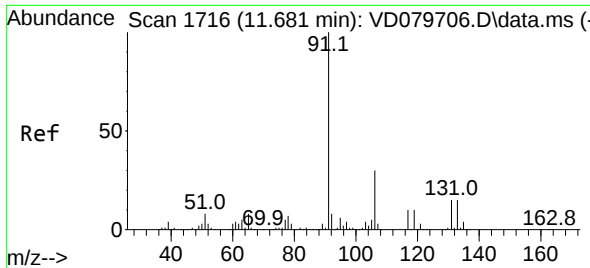
Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 5.702 ug/l
RT: 11.675 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VD079719.D
Acq: 13 Aug 2024 15:42

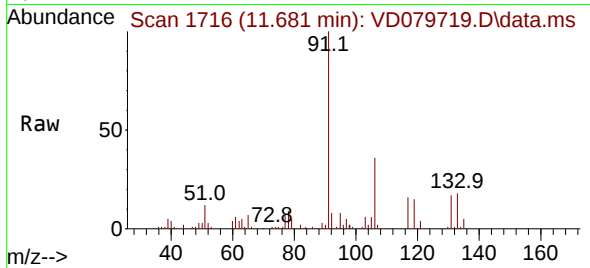
Tgt Ion:131 Resp: 11504
Ion Ratio Lower Upper
131 100
133 96.6 49.2 147.6
119 75.9 33.4 100.2





#67
Ethyl Benzene
Concen: 5.437 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD079719.D
Acq: 13 Aug 2024 15:42

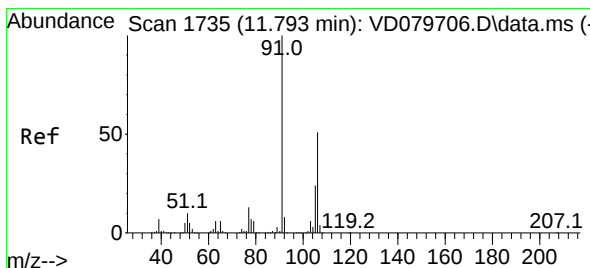
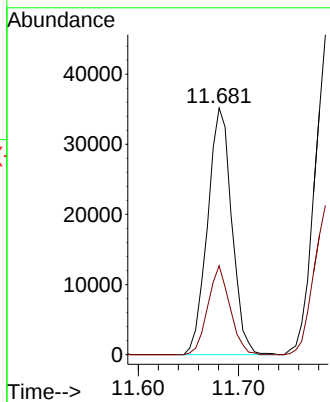
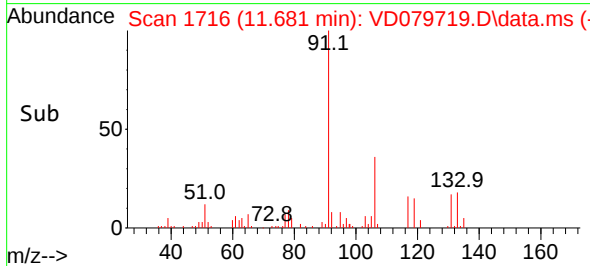
Instrument : MSVOA_D
ClientSampleId : LOQ-SOIL-02-QT3-2024



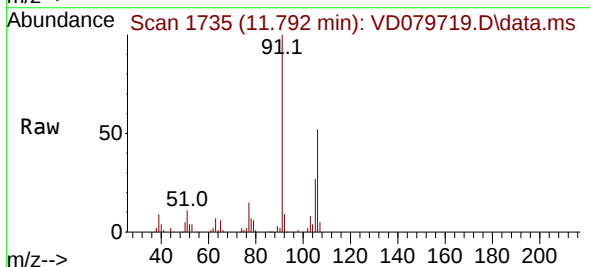
Tgt Ion: 91 Resp: 5903
Ion Ratio Lower Upper
91 100
106 36.0 25.8 38.6

Manual Integrations
APPROVED

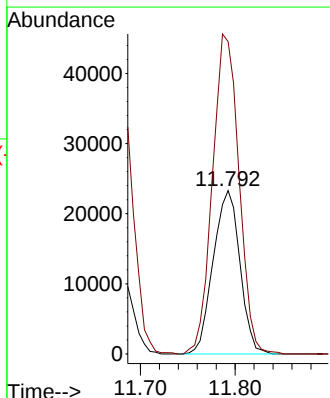
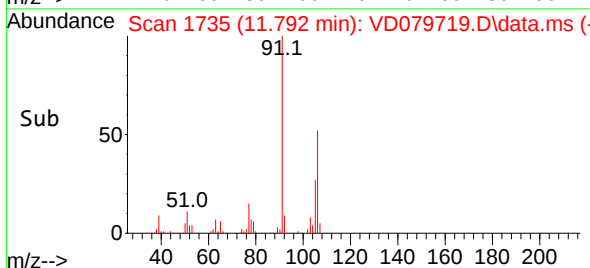
Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024

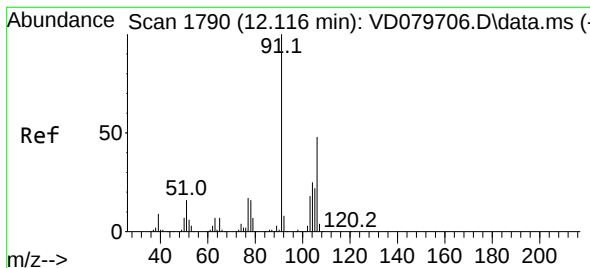


#68
m/p-Xylenes
Concen: 10.795 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD079719.D
Acq: 13 Aug 2024 15:42



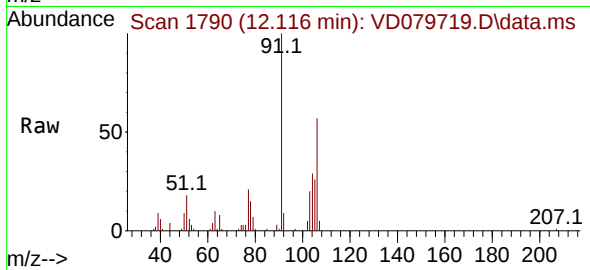
Tgt Ion:106 Resp: 45582
Ion Ratio Lower Upper
106 100
91 194.5 148.5 222.7





#69
o-Xylene
Concen: 5.362 ug/l
RT: 12.116 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VD079719.D
Acq: 13 Aug 2024 15:42

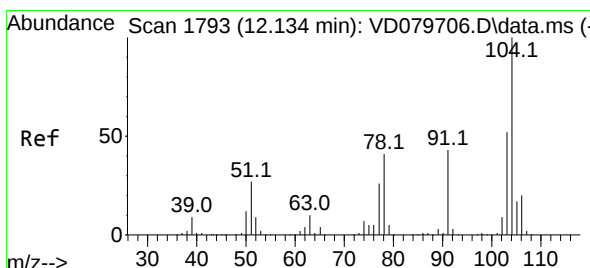
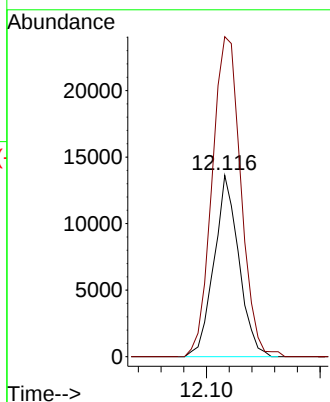
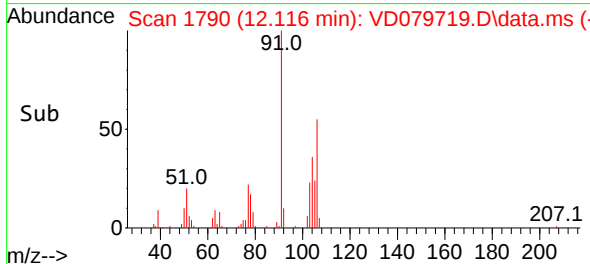
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2024



Tgt Ion:106 Resp: 20694
Ion Ratio Lower Upper
106 100
91 204.4 96.7 290.1

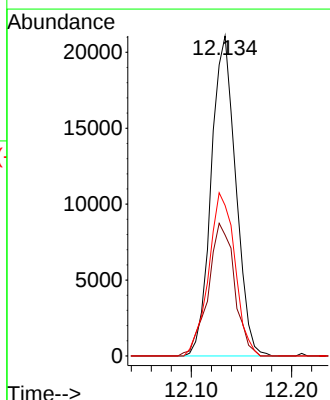
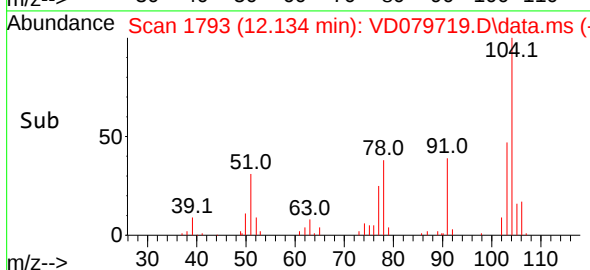
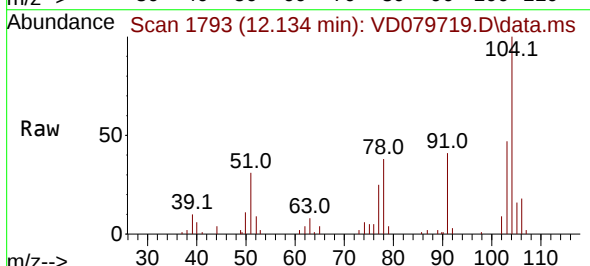
Manual Integrations
APPROVED

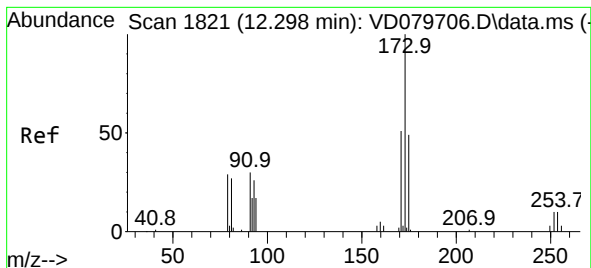
Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#70
Styrene
Concen: 5.286 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD079719.D
Acq: 13 Aug 2024 15:42

Tgt Ion:104 Resp: 35785
Ion Ratio Lower Upper
104 100
78 44.4 33.0 49.6
103 54.7 44.2 66.4





#71

Bromoform

Concen: 6.291 ug/l

RT: 12.292 min Scan# 1821

Delta R.T. -0.006 min

Lab File: VD079719.D

Acq: 13 Aug 2024 15:42

Instrument :

MSVOA_D

ClientSampleId :

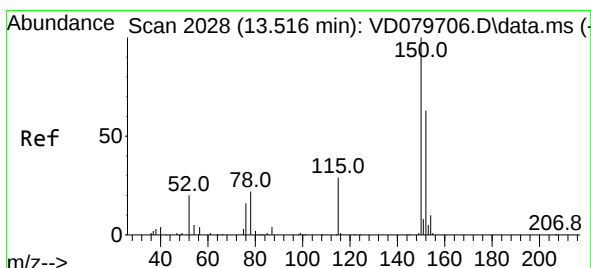
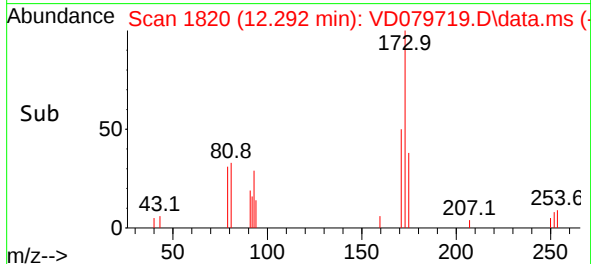
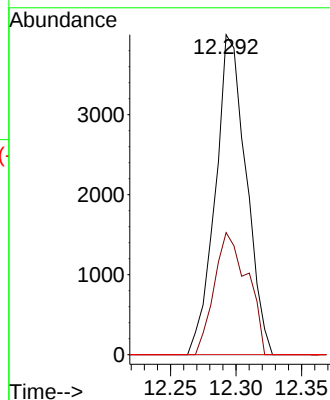
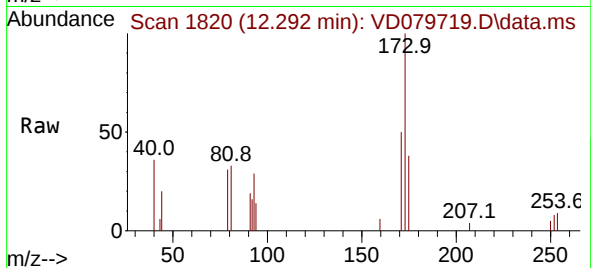
LOQ-SOIL-02-QT3-2024

Tgt Ion:173 Resp: 6529
 Ion Ratio Lower Upper
 173 100
 175 41.1 23.7 71.1
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 08/14/2024
 Supervised By :Mahesh Dadoda 08/14/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

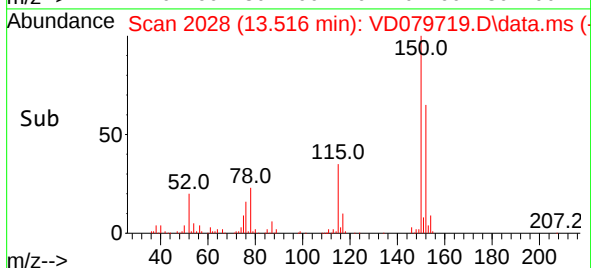
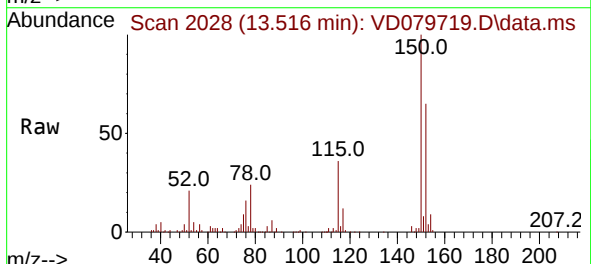
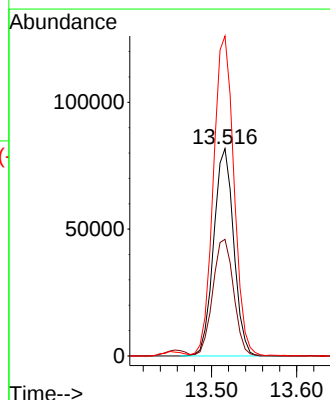
RT: 13.516 min Scan# 2028

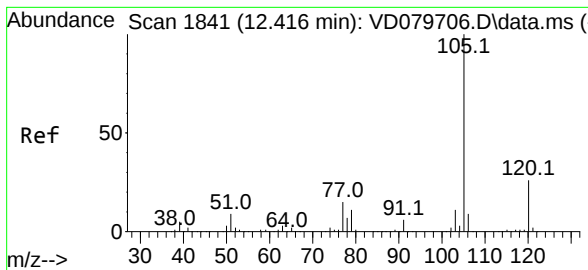
Delta R.T. -0.000 min

Lab File: VD079719.D

Acq: 13 Aug 2024 15:42

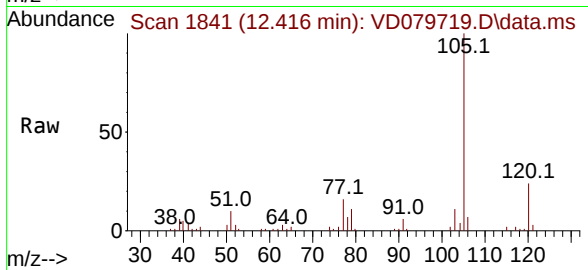
Tgt Ion:152 Resp: 133352
 Ion Ratio Lower Upper
 152 100
 115 58.5 26.5 79.5
 150 158.9 0.0 341.6





#73
Isopropylbenzene
Concen: 5.586 ug/l
RT: 12.416 min Scan# 1841
Delta R.T. -0.000 min
Lab File: VD079719.D
Acq: 13 Aug 2024 15:42

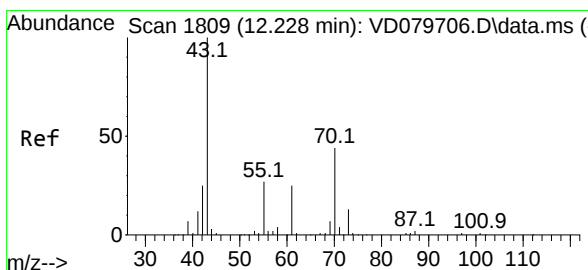
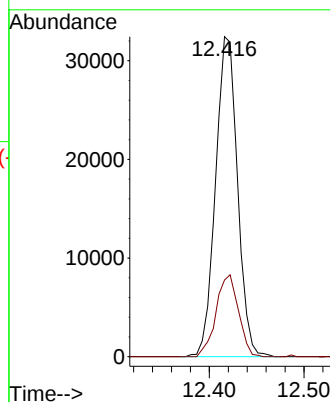
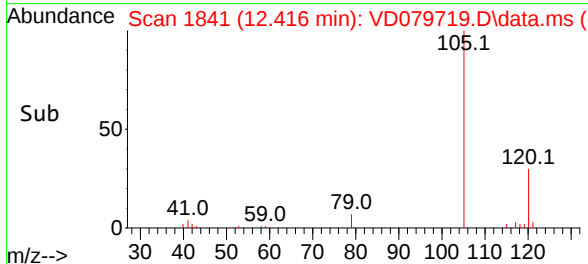
Instrument : MSVOA_D
ClientSampleId : LOQ-SOIL-02-QT3-2024



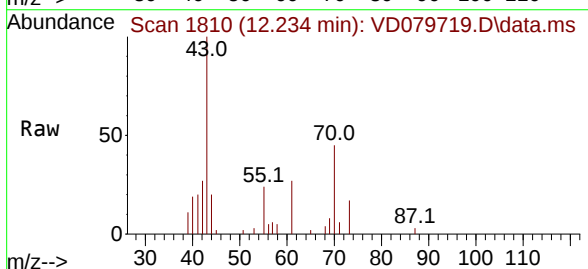
Tgt Ion:105 Resp: 5229
Ion Ratio Lower Upper
105 100
120 26.1 13.6 40.7

Manual Integrations
APPROVED

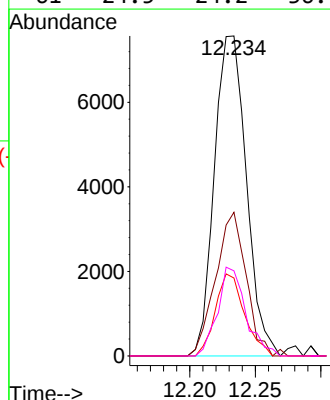
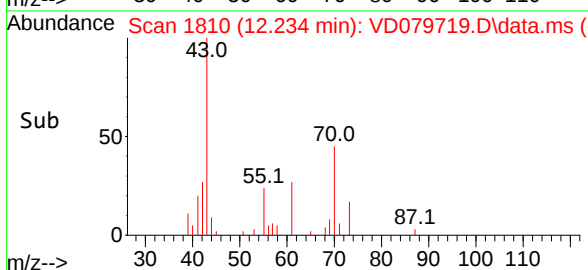
Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024

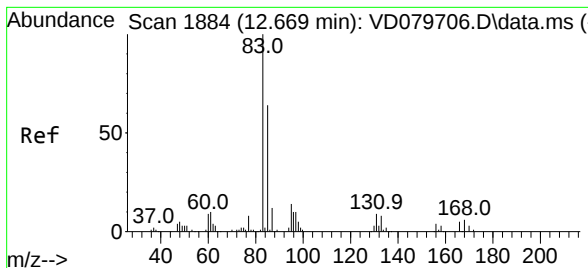


#74
N-ethyl acetate
Concen: 6.155 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VD079719.D
Acq: 13 Aug 2024 15:42



Tgt Ion: 43 Resp: 12838
Ion Ratio Lower Upper
43 100
70 43.1 44.3 66.5#
55 23.3 23.2 34.8
61 24.5 24.2 36.4





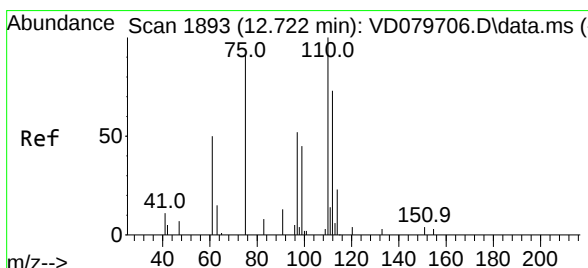
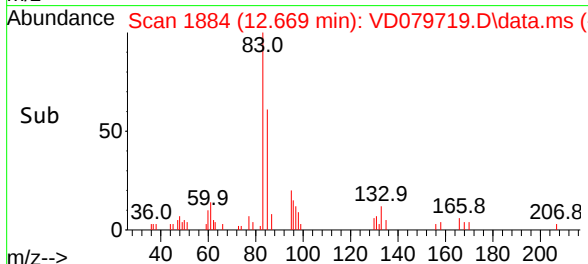
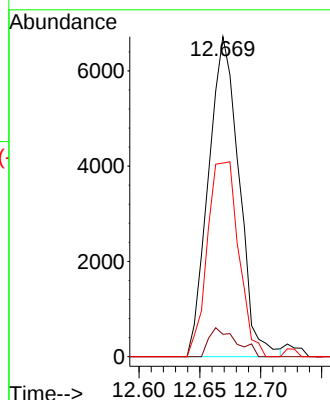
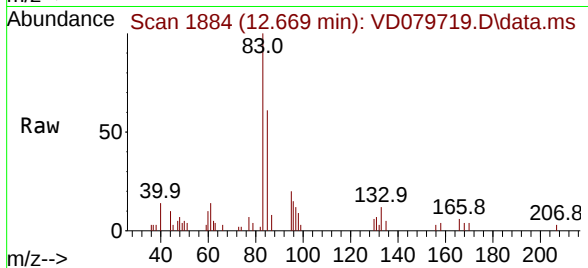
#75
1,1,2,2-Tetrachloroethane
Concen: 6.735 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VD079719.D
Acq: 13 Aug 2024 15:42

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

Tgt Ion: 83 Resp: 1177
Ion Ratio Lower Upper
83 100
131 8.0 5.5 16.5
85 62.3 33.8 101.3

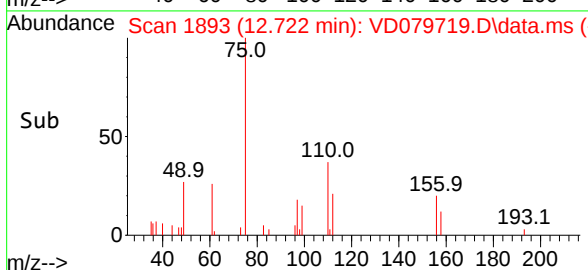
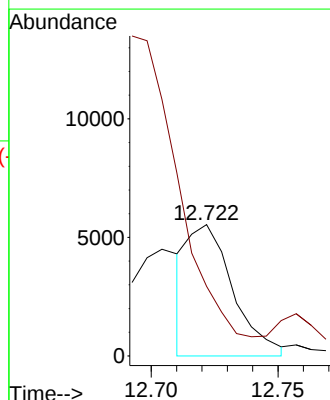
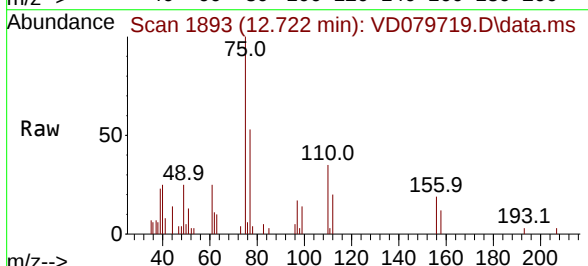
Manual Integrations
APPROVED

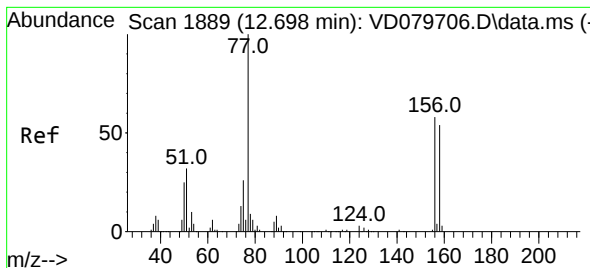
Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#76
1,2,3-Trichloropropane
Concen: 6.364 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD079719.D
Acq: 13 Aug 2024 15:42

Tgt Ion: 75 Resp: 6918
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 6.095 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. -0.000 min

Lab File: VD079719.D

Acq: 13 Aug 2024 15:42

Instrument :

MSVOA_D

ClientSampleId :

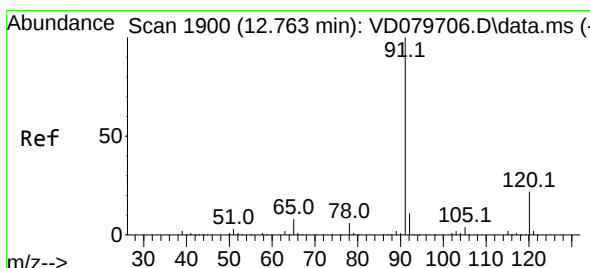
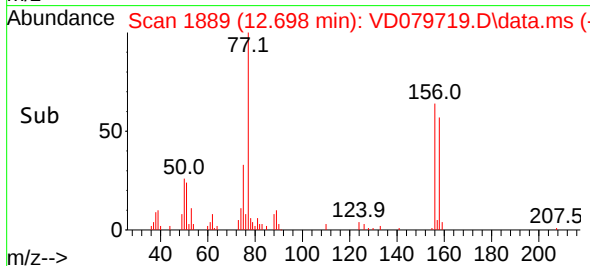
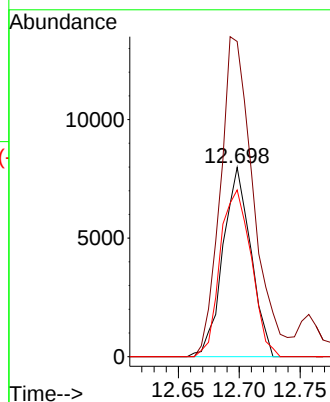
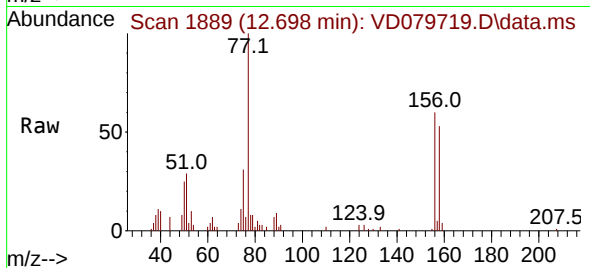
LOQ-SOIL-02-QT3-2024

Tgt Ion:	156	Resp:	1276
Ion Ratio	Lower	Upper	
156	100		
77	198.8	77.3	231.9
158	98.1	49.6	149.0

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#78

n-propylbenzene

Concen: 5.886 ug/l

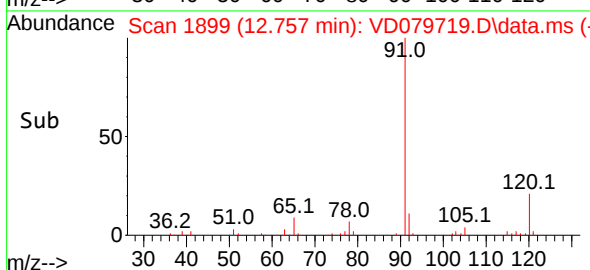
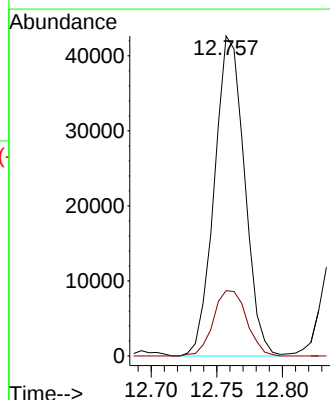
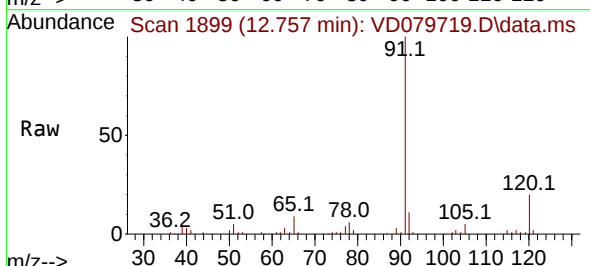
RT: 12.757 min Scan# 1899

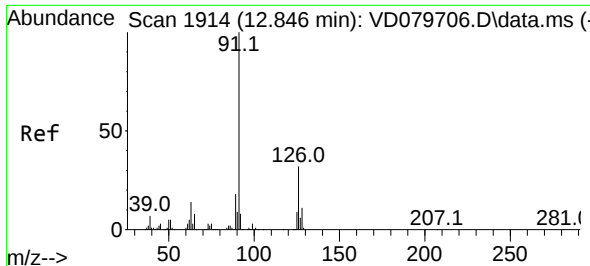
Delta R.T. -0.006 min

Lab File: VD079719.D

Acq: 13 Aug 2024 15:42

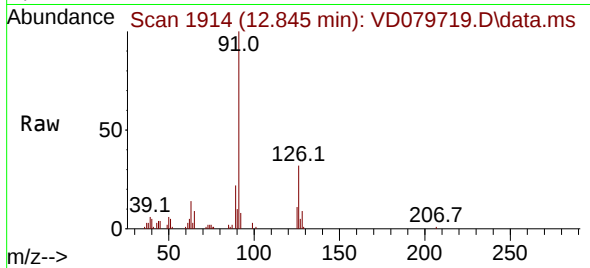
Tgt Ion:	91	Resp:	68194
Ion Ratio	Lower	Upper	
91	100		
120	22.5	12.3	36.8





#79
2-Chlorotoluene
Concen: 5.785 ug/l
RT: 12.845 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VD079719.D
Acq: 13 Aug 2024 15:42

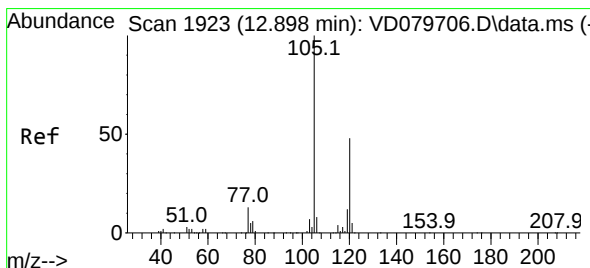
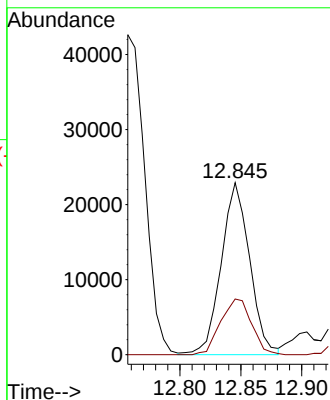
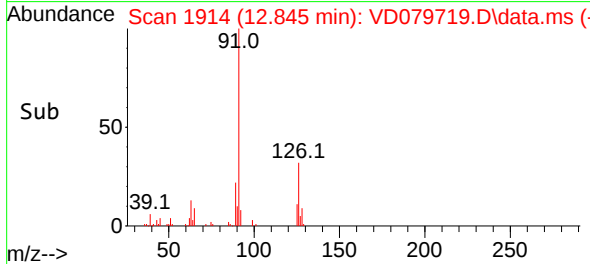
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2024



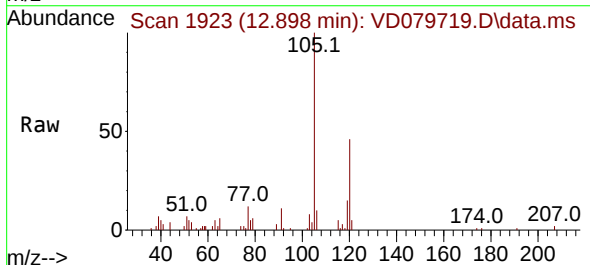
Tgt Ion: 91 Resp: 3731
Ion Ratio Lower Upper
91 100
126 35.1 19.3 57.8

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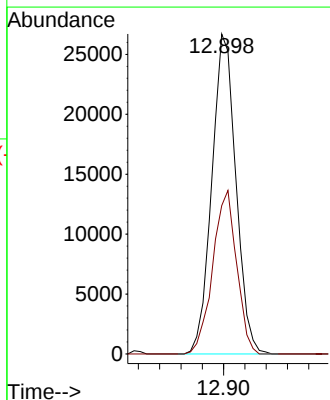
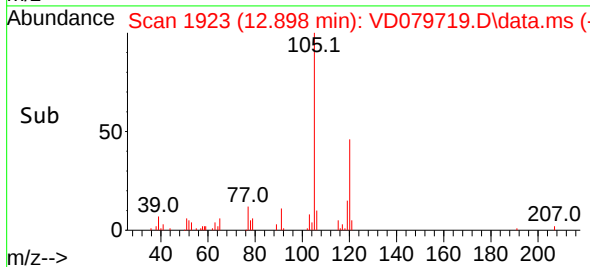
Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024

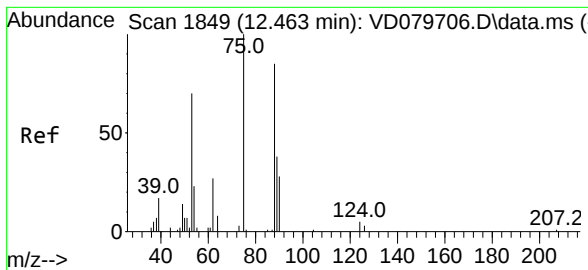


#80
1,3,5-Trimethylbenzene
Concen: 5.398 ug/l
RT: 12.898 min Scan# 1923
Delta R.T. -0.000 min
Lab File: VD079719.D
Acq: 13 Aug 2024 15:42



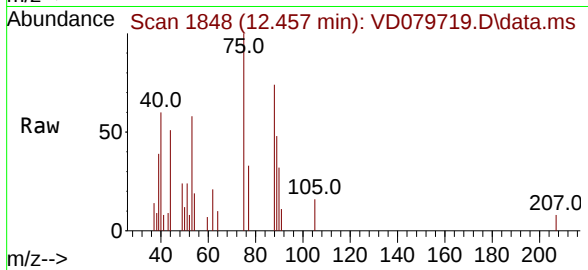
Tgt Ion:105 Resp: 41907
Ion Ratio Lower Upper
105 100
120 50.6 25.7 77.1





#81
trans-1,4-Dichloro-2-butene
Concen: 5.961 ug/l
RT: 12.457 min Scan# 1848
Delta R.T. -0.006 min
Lab File: VD079719.D
Acq: 13 Aug 2024 15:42

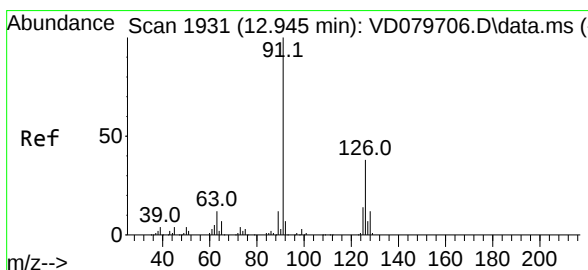
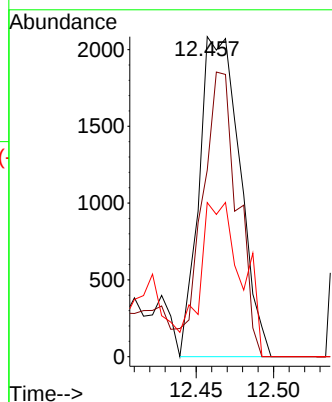
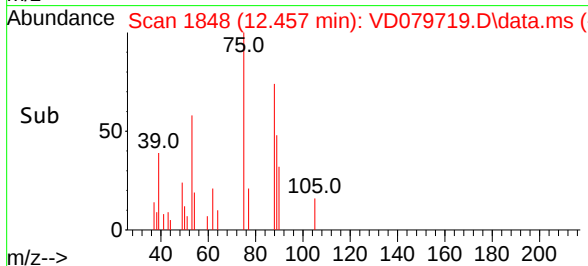
Instrument : MSVOA_D
ClientSampleId : LOQ-SOIL-02-QT3-2024



Tgt Ion: 75 Resp: 380
Ion Ratio Lower Upper
75 100
53 77.3 61.4 92.2
89 48.7 35.4 53.0

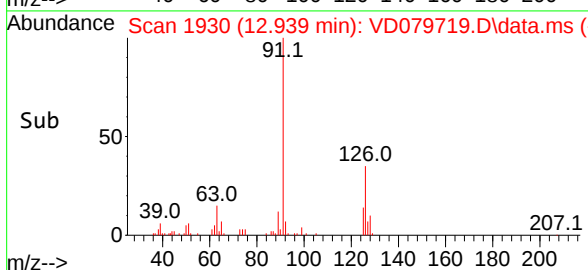
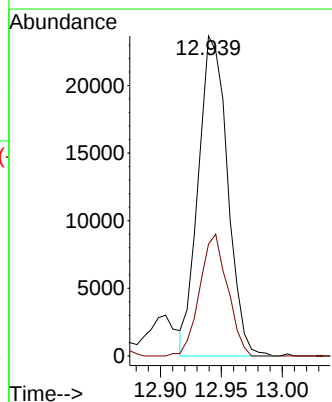
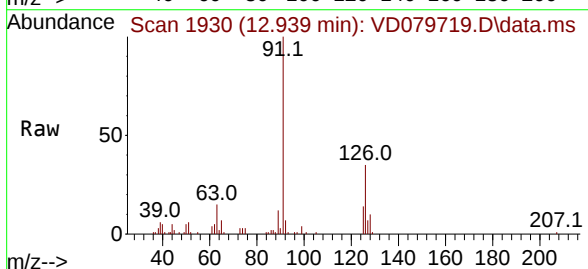
Manual Integrations
APPROVED

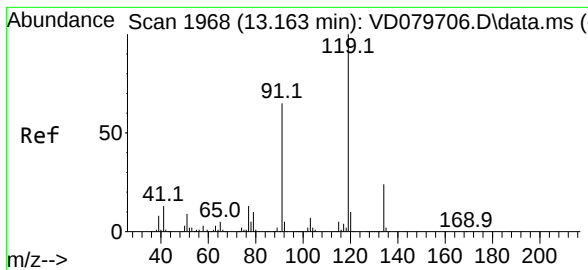
Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#82
4-Chlorotoluene
Concen: 5.823 ug/l
RT: 12.939 min Scan# 1930
Delta R.T. -0.006 min
Lab File: VD079719.D
Acq: 13 Aug 2024 15:42

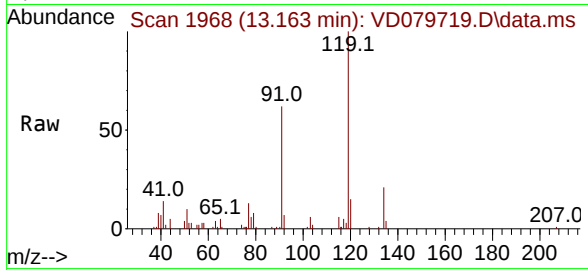
Tgt Ion: 91 Resp: 39499
Ion Ratio Lower Upper
91 100
126 36.3 18.9 56.9





#83
tert-Butylbenzene
Concen: 5.661 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. -0.000 min
Lab File: VD079719.D
Acq: 13 Aug 2024 15:42

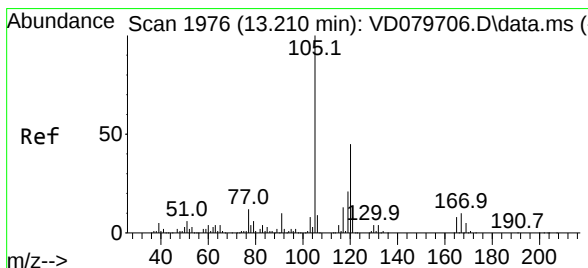
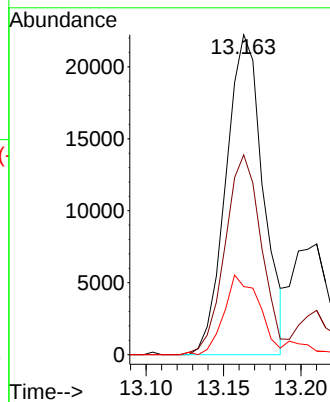
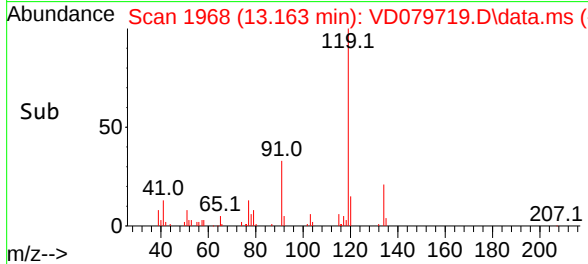
Instrument : MSVOA_D
ClientSampleId : LOQ-SOIL-02-QT3-2024



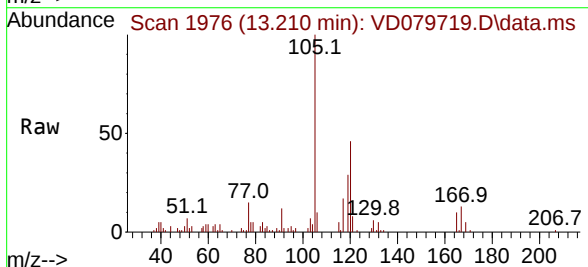
Tgt Ion:119 Resp: 37092
Ion Ratio Lower Upper
119 100
91 61.8 28.2 84.7
134 23.5 13.4 40.1

Manual Integrations
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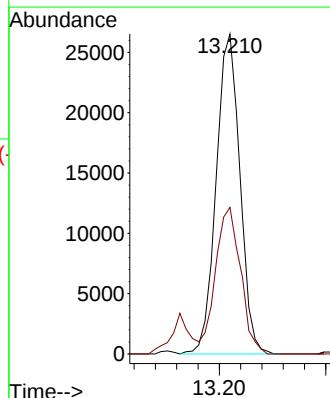
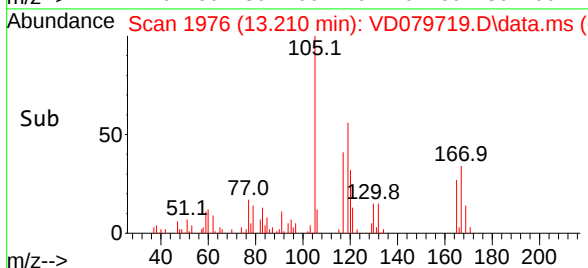
Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024

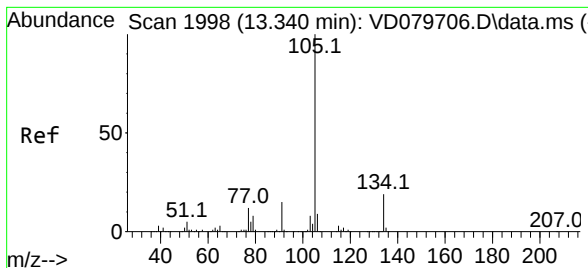


#84
1,2,4-Trimethylbenzene
Concen: 5.163 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD079719.D
Acq: 13 Aug 2024 15:42



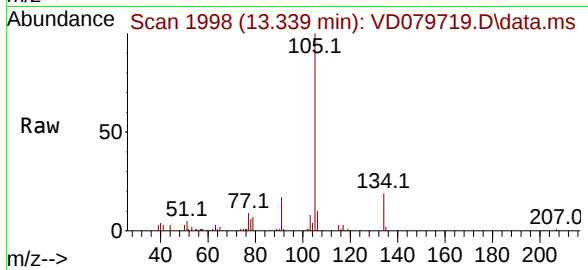
Tgt Ion:105 Resp: 41007
Ion Ratio Lower Upper
105 100
120 48.3 23.6 71.0





#85
 sec-Butylbenzene
 Concen: 5.541 ug/l
 RT: 13.339 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VD079719.D
 Acq: 13 Aug 2024 15:42

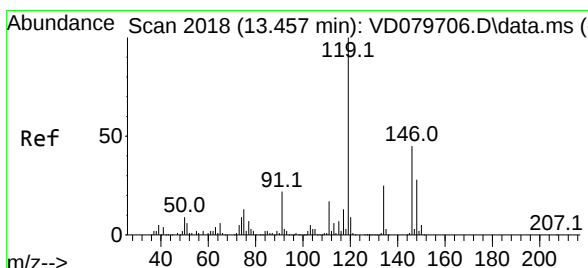
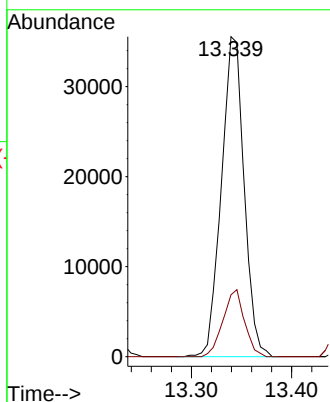
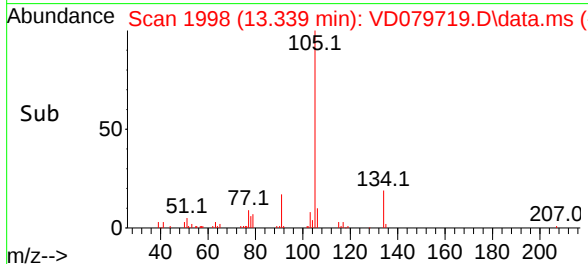
Instrument : MSVOA_D
 ClientSampleId : LOQ-SOIL-02-QT3-2024



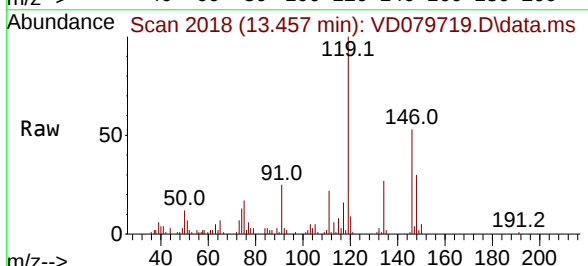
Tgt Ion:105 Resp: 55949
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.3 30.8

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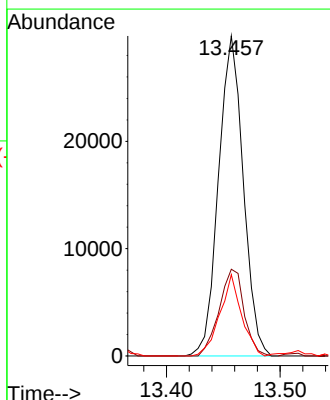
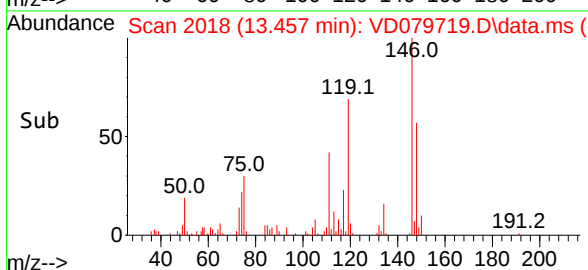
Reviewed By :Romaben Patel 08/14/2024
 Supervised By :Mahesh Dadoda 08/14/2024

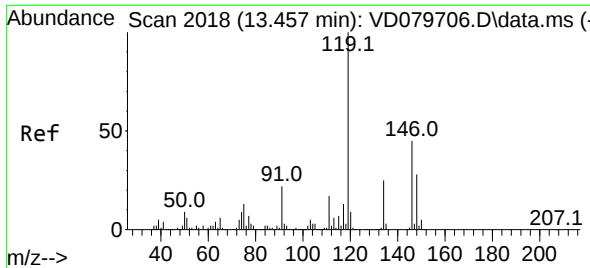


#86
 p-Isopropyltoluene
 Concen: 5.314 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.000 min
 Lab File: VD079719.D
 Acq: 13 Aug 2024 15:42



Tgt Ion:119 Resp: 45073
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.7 41.1
 91 22.3 10.7 32.1





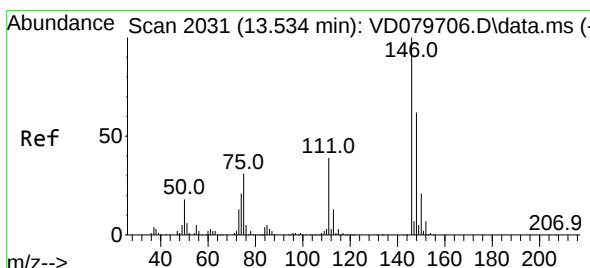
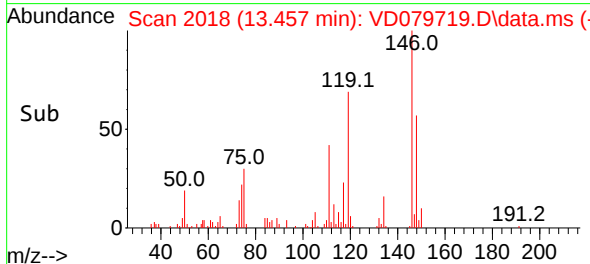
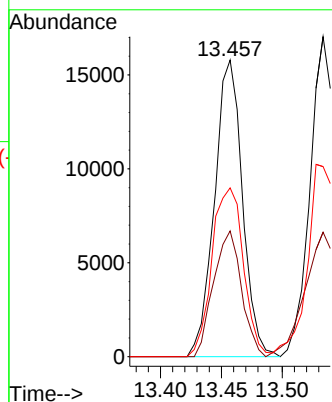
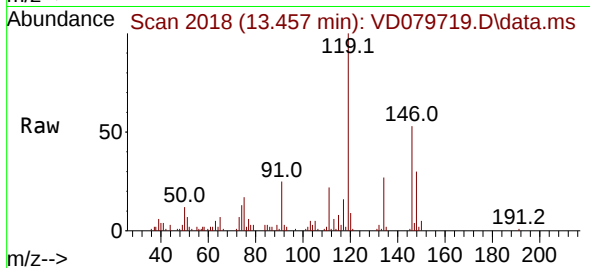
#87
1,3-Dichlorobenzene
Concen: 5.657 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD079719.D
Acq: 13 Aug 2024 15:42

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

Tgt Ion:146 Resp: 25210
Ion Ratio Lower Upper
146 100
111 42.4 18.5 55.5
148 64.1 30.9 92.8

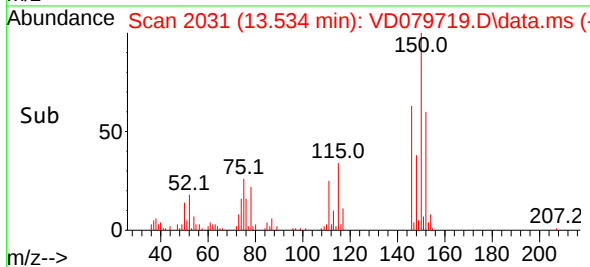
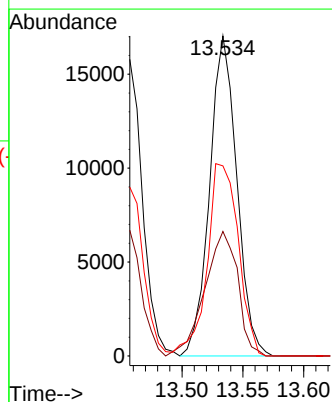
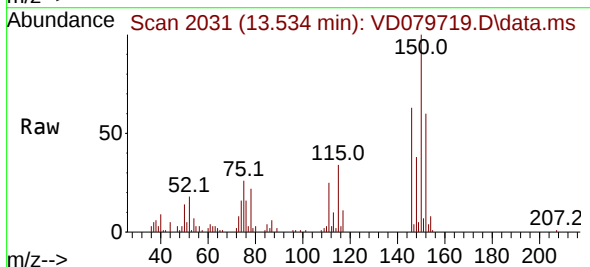
Manual Integrations
APPROVED

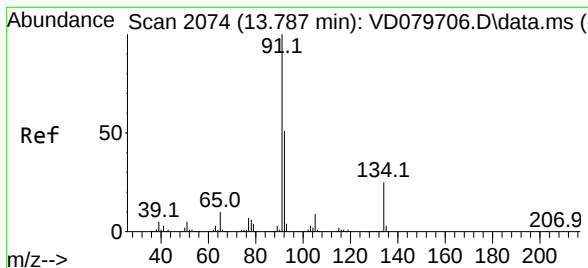
Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#88
1,4-Dichlorobenzene
Concen: 6.023 ug/l
RT: 13.534 min Scan# 2031
Delta R.T. -0.000 min
Lab File: VD079719.D
Acq: 13 Aug 2024 15:42

Tgt Ion:146 Resp: 26501
Ion Ratio Lower Upper
146 100
111 47.1 17.5 52.6
148 68.6 31.4 94.2





#89

n-Butylbenzene

Concen: 5.564 ug/l

RT: 13.781 min Scan# 2074

Delta R.T. -0.006 min

Lab File: VD079719.D

Acq: 13 Aug 2024 15:42

Instrument :

MSVOA_D

ClientSampleId :

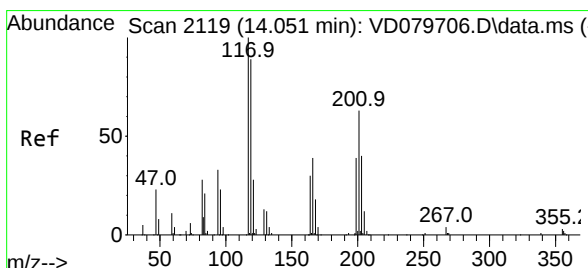
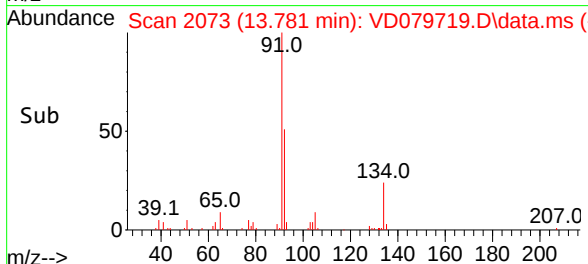
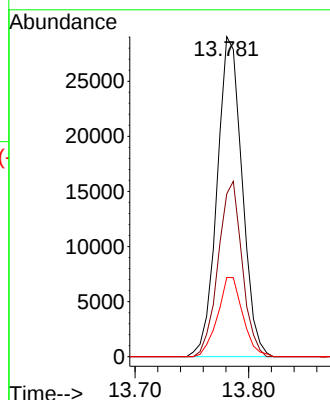
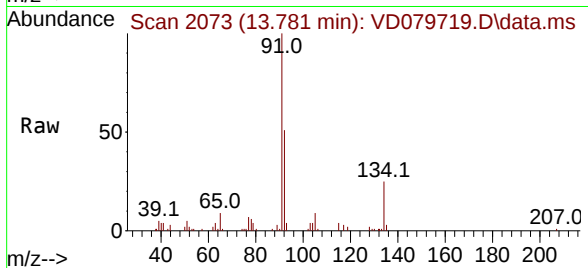
LOQ-SOIL-02-QT3-2024

Tgt Ion:	91	Resp:	4448
Ion Ratio	Lower	Upper	
91	100		
92	52.3	25.7	77.0
134	25.0	13.6	40.8

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#90

Hexachloroethane

Concen: 5.937 ug/l

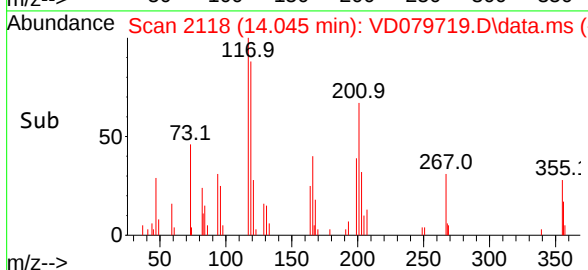
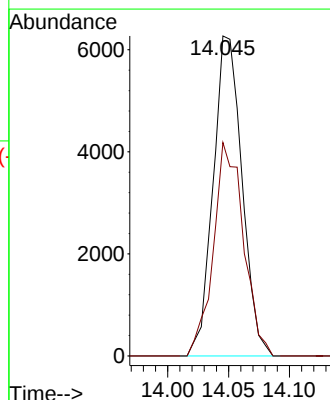
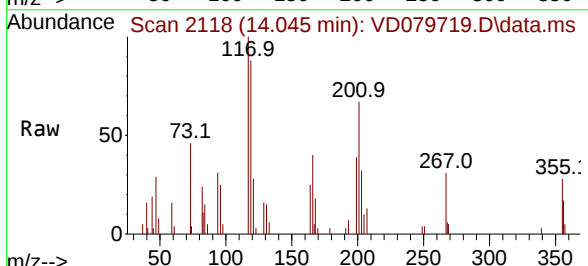
RT: 14.045 min Scan# 2118

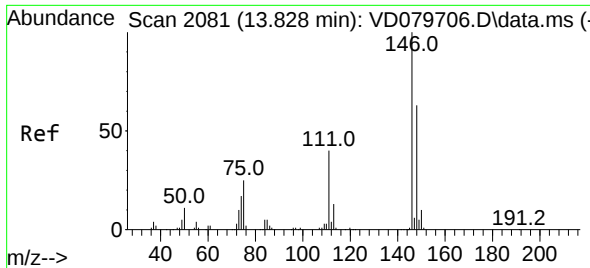
Delta R.T. -0.006 min

Lab File: VD079719.D

Acq: 13 Aug 2024 15:42

Tgt Ion:	117	Resp:	10332
Ion Ratio	Lower	Upper	
117	100		
201	69.5	36.3	108.9





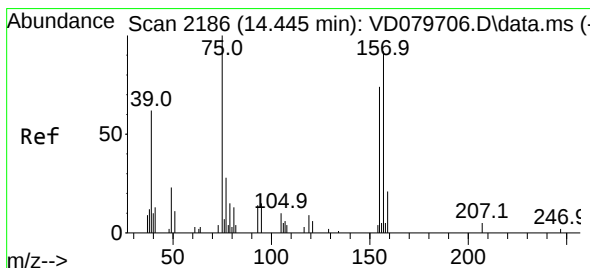
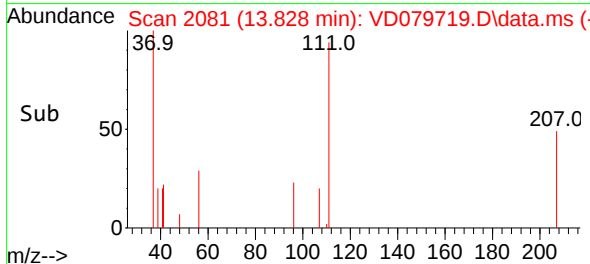
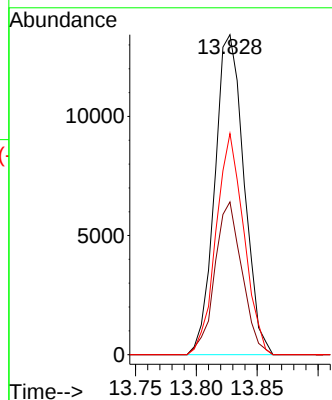
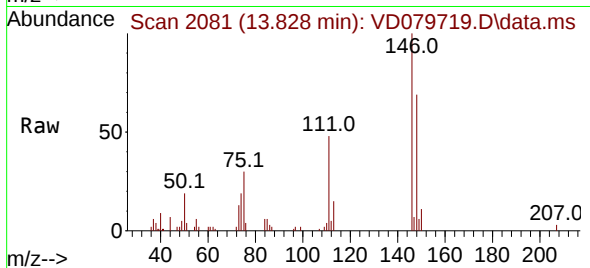
#91
1,2-Dichlorobenzene
Concen: 5.838 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VD079719.D
Acq: 13 Aug 2024 15:42

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

Tgt Ion:146 Resp: 2241
Ion Ratio Lower Upper
146 100
111 44.7 19.1 57.1
148 65.7 31.1 93.5

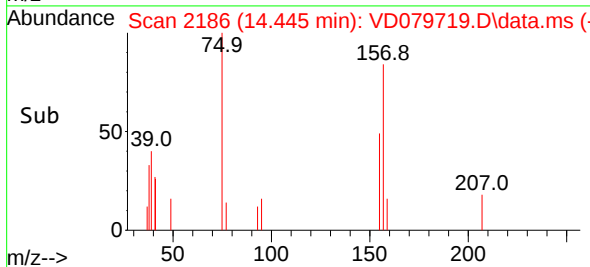
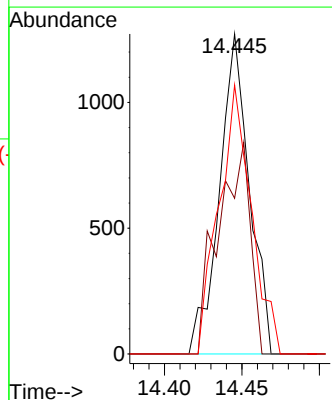
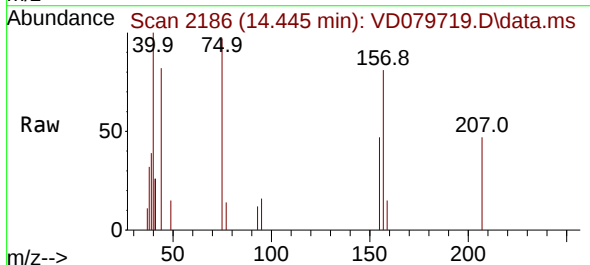
Manual Integrations
APPROVED

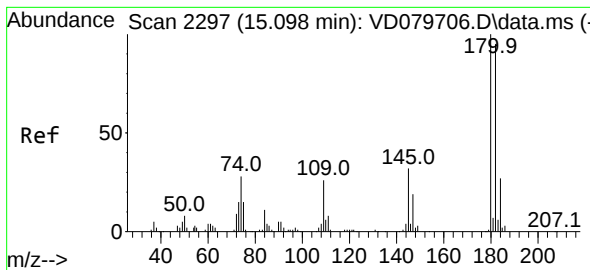
Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 7.171 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VD079719.D
Acq: 13 Aug 2024 15:42

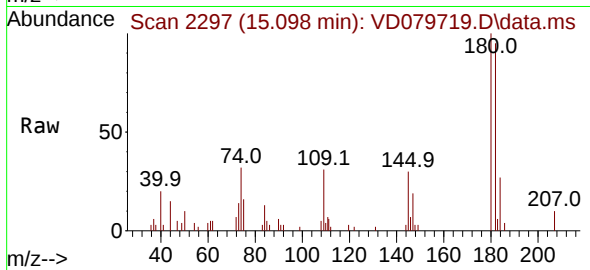
Tgt Ion: 75 Resp: 1711
Ion Ratio Lower Upper
75 100
155 70.4 47.7 143.1
157 91.4 63.4 190.2





#93
1,2,4-Trichlorobenzene
Concen: 5.721 ug/l
RT: 15.098 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD079719.D
Acq: 13 Aug 2024 15:42

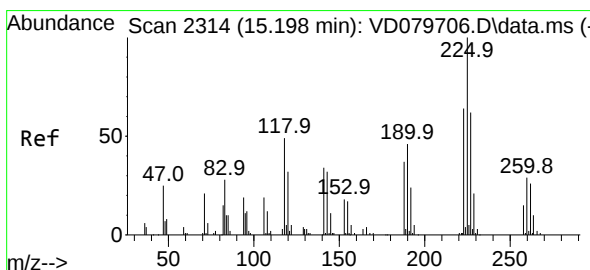
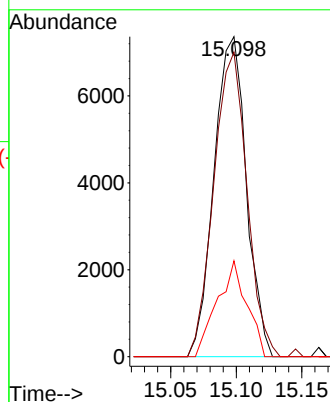
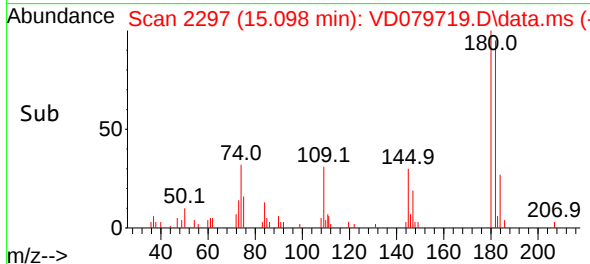
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT3-2024



Tgt Ion:180 Resp: 12634
Ion Ratio Lower Upper
180 100
182 97.3 46.9 140.7
145 27.3 14.0 41.9

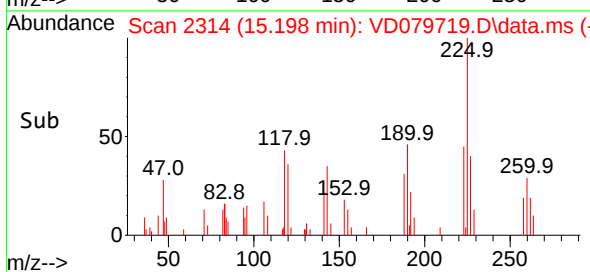
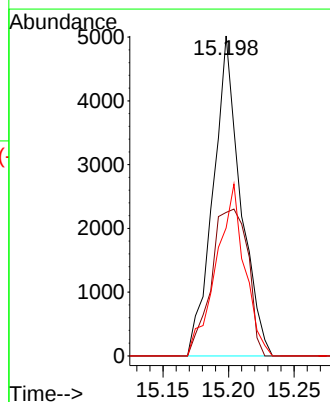
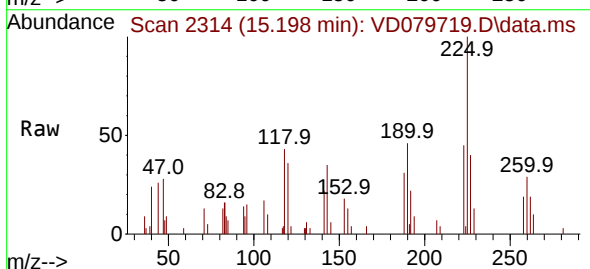
Manual Integrations
APPROVED

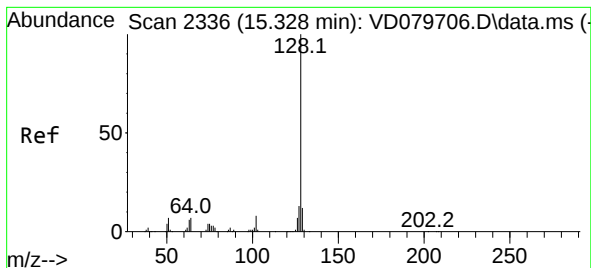
Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#94
Hexachlorobutadiene
Concen: 6.570 ug/l
RT: 15.198 min Scan# 2314
Delta R.T. -0.000 min
Lab File: VD079719.D
Acq: 13 Aug 2024 15:42

Tgt Ion:225 Resp: 7297
Ion Ratio Lower Upper
225 100
223 61.1 33.3 99.9
227 55.8 33.6 100.6





#95

Naphthalene

Concen: 6.164 ug/l

RT: 15.328 min Scan# 2336

Delta R.T. -0.000 min

Lab File: VD079719.D

Acq: 13 Aug 2024 15:42

Instrument :

MSVOA_D

ClientSampleId :

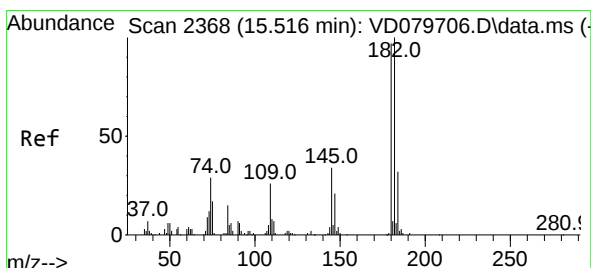
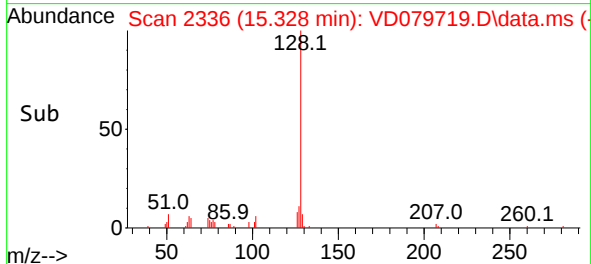
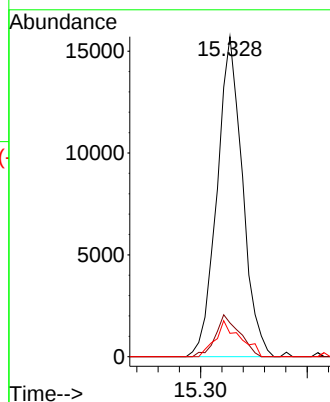
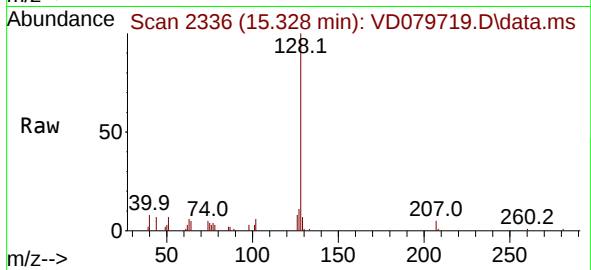
LOQ-SOIL-02-QT3-2024

Tgt Ion:128	Resp:	26034
Ion Ratio	Lower	Upper
128	100	
127	10.6	10.2 15.4
129	7.3	8.5 12.7

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 08/14/2024
Supervised By :Mahesh Dadoda 08/14/2024



#96

1,2,3-Trichlorobenzene

Concen: 5.742 ug/l

RT: 15.516 min Scan# 2368

Delta R.T. -0.000 min

Lab File: VD079719.D

Acq: 13 Aug 2024 15:42

Tgt Ion:180	Resp:	11116
Ion Ratio	Lower	Upper
180	100	
182	91.9	47.8 143.3
145	32.2	16.1 48.2

