

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081424\
 Data File : VD079732.D
 Acq On : 14 Aug 2024 12:48
 Operator : RP/MD
 Sample : P3390-03 2.5 PPB
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Aug 15 01:50:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081224S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 15 01:40:05 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	160892	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	316204	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	288339	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	127802	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	101515	54.843	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.680%			
35) Dibromofluoromethane	7.805	113	97660	50.099	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.200%			
50) Toluene-d8	10.269	98	394723	48.448	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 96.900%			
62) 4-Bromofluorobenzene	12.569	95	105070	46.059	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 92.120%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	4733	2.997	ug/l	88
3) Chloromethane	2.146	50	10518	3.385	ug/l	92
4) Vinyl Chloride	2.281	62	11388	3.100	ug/l	# 86
5) Bromomethane	2.687	94	8563	3.425	ug/l	98
6) Chloroethane	2.828	64	7995	3.188	ug/l	93
7) Trichlorofluoromethane	3.164	101	9351	2.846	ug/l	95
8) Diethyl Ether	3.593	74	2807	2.732	ug/l	69
9) 1,1,2-Trichlorotrifluo...	3.958	101	5688	2.941	ug/l	93
10) Methyl Iodide	4.152	142	4830	2.231	ug/l	# 78
11) Tert butyl alcohol	5.058	59	3201m	28.802	ug/l	
12) 1,1-Dichloroethene	3.934	96	5472	2.706	ug/l	84
13) Acrolein	3.793	56	3119	14.486	ug/l	# 81
14) Allyl chloride	4.558	41	7825	2.580	ug/l	# 86
15) Acrylonitrile	5.252	53	6627	14.013	ug/l	100
16) Acetone	4.022	43	5660	13.681	ug/l	90
17) Carbon Disulfide	4.269	76	19409	2.707	ug/l	# 93
18) Methyl Acetate	4.569	43	3678	2.914	ug/l	# 64
19) Methyl tert-butyl Ether	5.316	73	10648	2.564	ug/l	# 85
20) Methylene Chloride	4.799	84	23459	7.235	ug/l	# 86
21) trans-1,2-Dichloroethene	5.311	96	5913	2.663	ug/l	# 90
22) Diisopropyl ether	6.222	45	15346	2.455	ug/l	# 94
23) Vinyl Acetate	6.158	43	55677m	12.152	ug/l	
24) 1,1-Dichloroethane	6.105	63	11312	2.738	ug/l	# 84
25) 2-Butanone	7.081	43	8630	15.154	ug/l	# 87
26) 2,2-Dichloropropane	7.069	77	9898	3.033	ug/l	91
27) cis-1,2-Dichloroethene	7.081	96	6909	2.683	ug/l	75
28) Bromochloromethane	7.422	49	5432	3.090	ug/l	# 58
29) Tetrahydrofuran	7.446	42	4795	13.851	ug/l	# 65
30) Chloroform	7.599	83	11471	2.859	ug/l	94
31) Cyclohexane	7.875	56	11519	3.405	ug/l	# 77
32) 1,1,1-Trichloroethane	7.793	97	9438	2.843	ug/l	98
36) 1,1-Dichloropropene	8.010	75	7096	2.348	ug/l	93
37) Ethyl Acetate	7.169	43	3462m	2.532	ug/l	
38) Carbon Tetrachloride	7.993	117	7596	2.477	ug/l	# 84
39) Methylcyclohexane	9.269	83	8891	2.489	ug/l	# 82
40) Benzene	8.246	78	26110	2.657	ug/l	96

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	1900m	2.638	ug/l	
42) 1,2-Dichloroethane	8.322	62	6059	2.667	ug/l	99
43) Isopropyl Acetate	8.363	43	6203	2.601	ug/l #	85
44) Trichloroethene	9.022	130	5042	2.336	ug/l	66
45) 1,2-Dichloropropane	9.305	63	6000	2.480	ug/l #	76
46) Dibromomethane	9.387	93	3274	2.673	ug/l #	86
47) Bromodichloromethane	9.581	83	7895	2.557	ug/l	99
48) Methyl methacrylate	9.375	41	2682	2.445	ug/l #	69
49) 1,4-Dioxane	9.387	88	649m	52.656	ug/l	
51) 4-Methyl-2-Pentanone	10.157	43	15860	12.926	ug/l	87
52) Toluene	10.334	92	14445	2.451	ug/l	93
53) t-1,3-Dichloropropene	10.557	75	7501	2.599	ug/l #	81
54) cis-1,3-Dichloropropene	10.010	75	8331	2.352	ug/l #	92
55) 1,1,2-Trichloroethane	10.734	97	4646	2.846	ug/l	93
56) Ethyl methacrylate	10.599	69	4654	2.336	ug/l #	74
57) 1,3-Dichloropropane	10.875	76	7339	2.608	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	12092	13.583	ug/l	94
59) 2-Hexanone	10.916	43	10413	11.863	ug/l	94
60) Dibromochloromethane	11.069	129	5184	2.577	ug/l	97
61) 1,2-Dibromoethane	11.175	107	3766	2.598	ug/l	90
64) Tetrachloroethene	10.804	164	4665	2.648	ug/l #	84
65) Chlorobenzene	11.610	112	16285	2.572	ug/l	90
66) 1,1,1,2-Tetrachloroethane	11.675	131	5479	2.654	ug/l	97
67) Ethyl Benzene	11.681	91	25085	2.258	ug/l	98
68) m/p-Xylenes	11.793	106	18133	4.197	ug/l	93
69) o-Xylene	12.110	106	8127	2.058	ug/l	80
70) Styrene	12.134	104	15285	2.207	ug/l	91
71) Bromoform	12.298	173	2502	2.358	ug/l #	90
73) Isopropylbenzene	12.416	105	20908	2.330	ug/l	99
74) N-amyl acetate	12.234	43	5527	2.765	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.669	83	4946	2.952	ug/l	93
76) 1,2,3-Trichloropropane	12.728	75	2305m	2.212	ug/l	
77) Bromobenzene	12.698	156	5737	2.859	ug/l	75
78) n-propylbenzene	12.763	91	27821	2.506	ug/l	98
79) 2-Chlorotoluene	12.845	91	15971	2.583	ug/l	93
80) 1,3,5-Trimethylbenzene	12.898	105	16499	2.217	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.463	75	1634m	2.673	ug/l	
82) 4-Chlorotoluene	12.945	91	15767	2.425	ug/l	94
83) tert-Butylbenzene	13.163	119	15479	2.465	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	16476	2.164	ug/l	100
85) sec-Butylbenzene	13.340	105	22563	2.332	ug/l	96
86) p-Isopropyltoluene	13.457	119	18715	2.302	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	10807	2.530	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	11880	2.817	ug/l	88
89) n-Butylbenzene	13.781	91	17767	2.319	ug/l	94
90) Hexachloroethane	14.057	117	4351	2.609	ug/l	96
91) 1,2-Dichlorobenzene	13.828	146	9839	2.674	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.451	75	875	3.826	ug/l	67
93) 1,2,4-Trichlorobenzene	15.092	180	5573	2.633	ug/l	91
94) Hexachlorobutadiene	15.198	225	3003	2.821	ug/l	95
95) Naphthalene	15.328	128	11691	2.888	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.522	180	4720	2.544	ug/l	90

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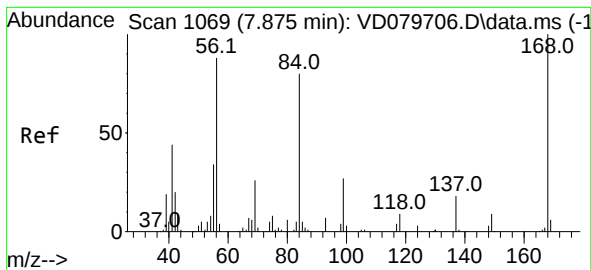
Manual Integrations
APPROVED

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

Quant Time: Aug 15 01:50:24 2024
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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD079732.D

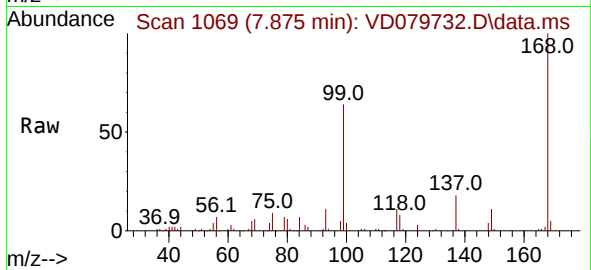
Acq: 14 Aug 2024 12:48

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT3-2024



Tgt Ion:168 Resp: 160892

Ion Ratio Lower Upper

168 100

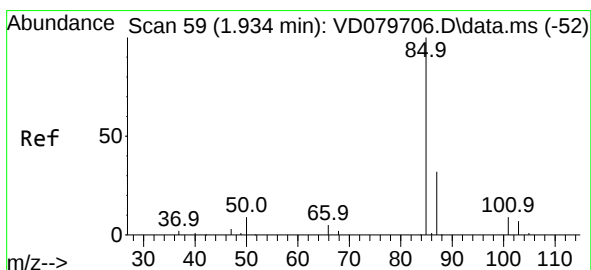
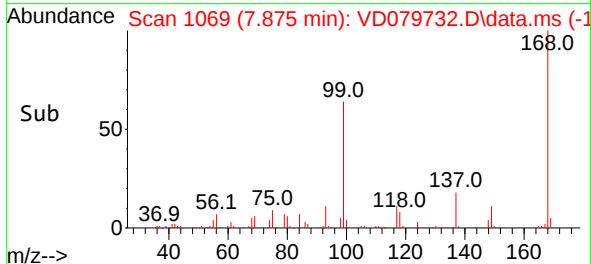
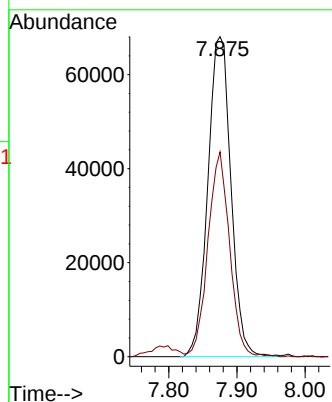
99 64.0 41.1 61.75

Manual Integrations

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Reviewed By :Mahesh Dadoda 08/15/2024

Supervised By :Semsettin Yesilyurt 08/15/2024



#2

Dichlorodifluoromethane

Concen: 2.997 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD079732.D

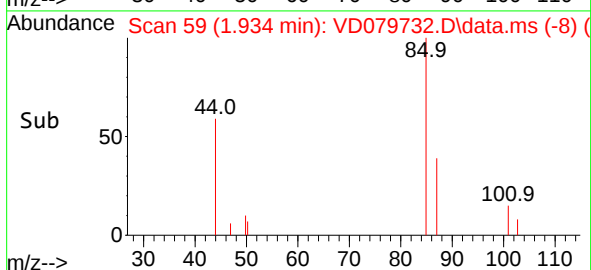
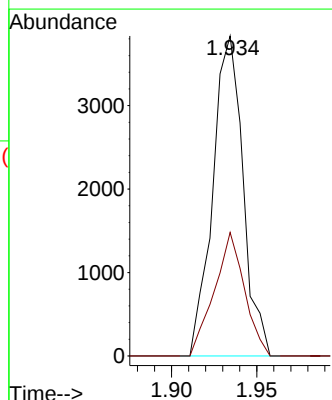
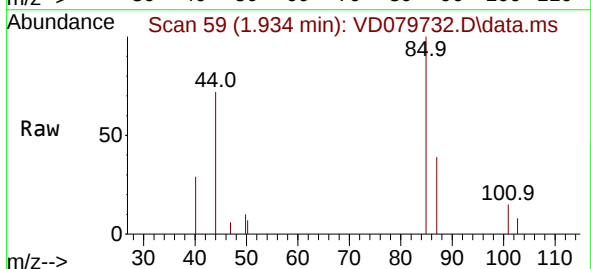
Acq: 14 Aug 2024 12:48

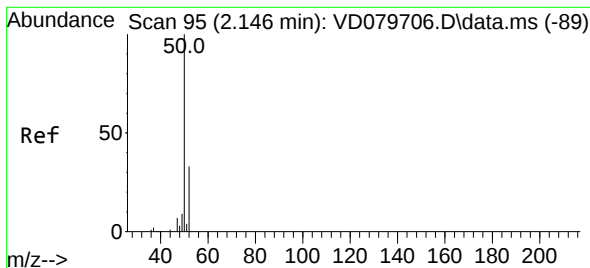
Tgt Ion: 85 Resp: 4733

Ion Ratio Lower Upper

85 100

87 38.6 16.0 48.0





#3

Chloromethane

Concen: 3.385 ug/l

RT: 2.146 min Scan# 95

Delta R.T. -0.000 min

Lab File: VD079732.D

Acq: 14 Aug 2024 12:48

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT3-2024

Tgt Ion: 50 Resp: 10518

Ion Ratio Lower Upper

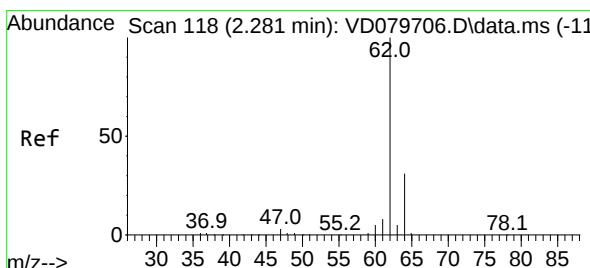
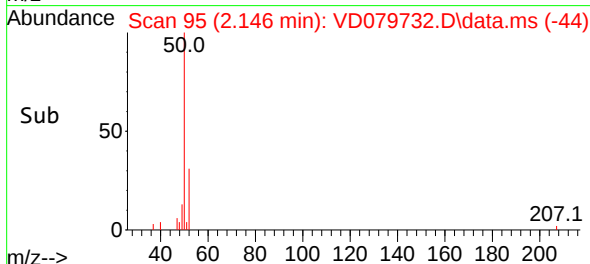
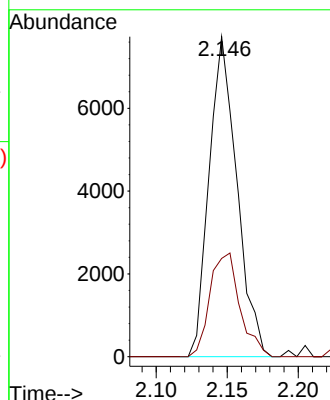
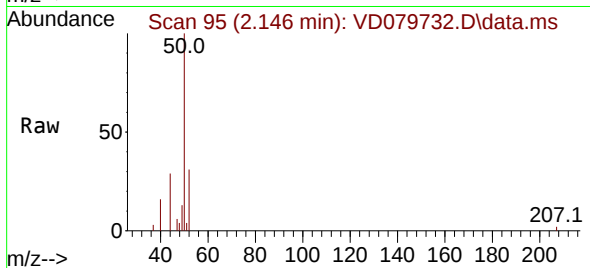
50 100

52 30.7 28.2 42.2

Manual Integrations

APPROVED

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Supervised By :Semsettin Yesilyurt 08/15/2024



#4

Vinyl Chloride

Concen: 3.100 ug/l

RT: 2.281 min Scan# 118

Delta R.T. -0.000 min

Lab File: VD079732.D

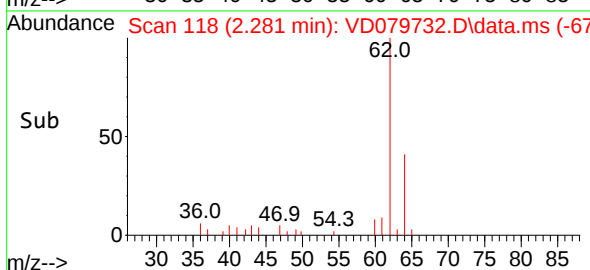
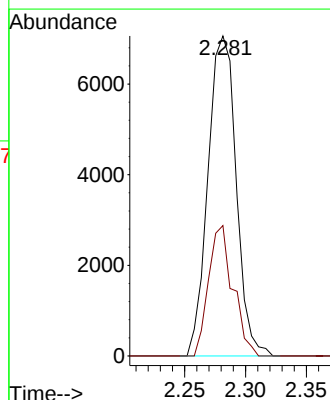
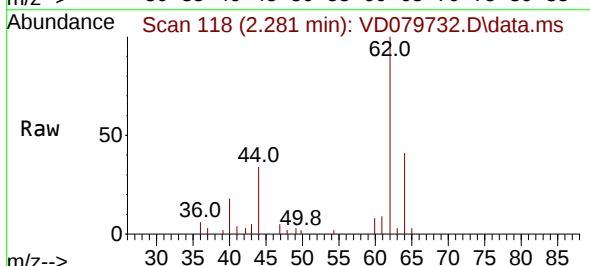
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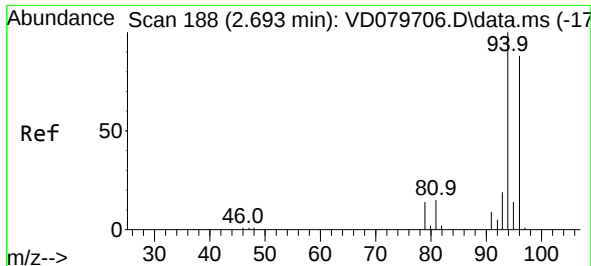
Tgt Ion: 62 Resp: 11388

Ion Ratio Lower Upper

62 100

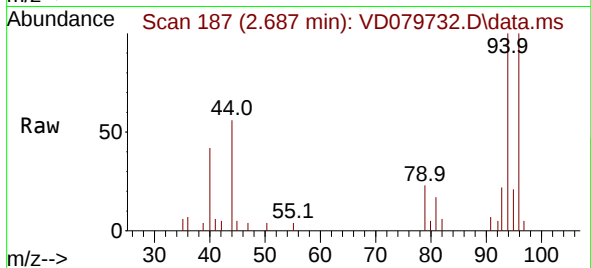
64 40.8 26.3 39.5





#5
Bromomethane
Concen: 3.425 ug/l
RT: 2.687 min Scan# 187
Delta R.T. -0.006 min
Lab File: VD079732.D
Acq: 14 Aug 2024 12:48

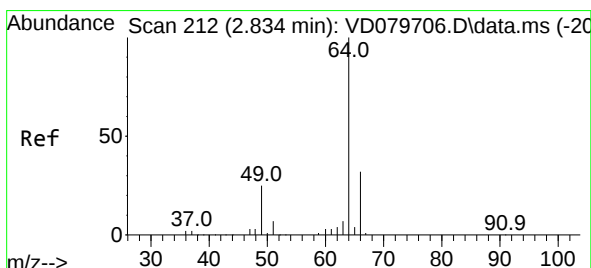
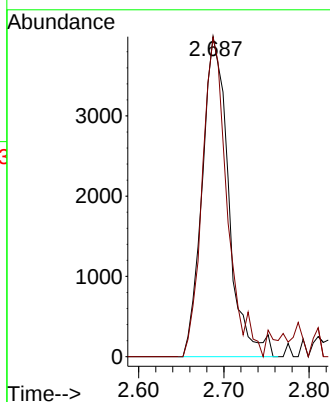
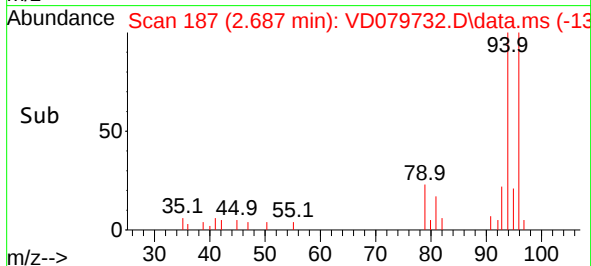
Instrument :
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MDL-SOIL-03-QT3-2024



Tgt Ion: 94 Resp: 856
Ion Ratio Lower Upper
94 100
96 94.1 76.9 115.3

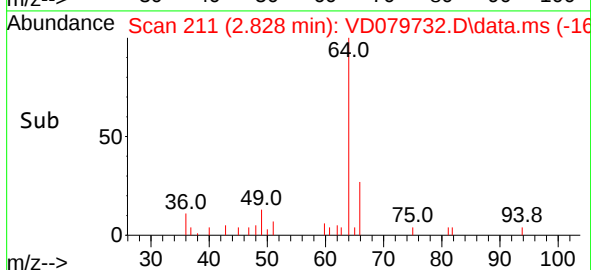
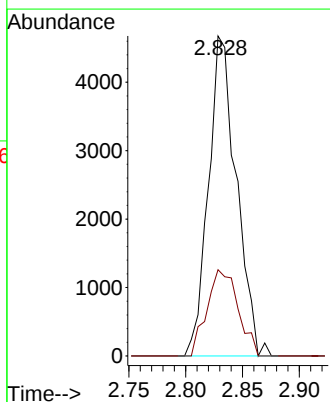
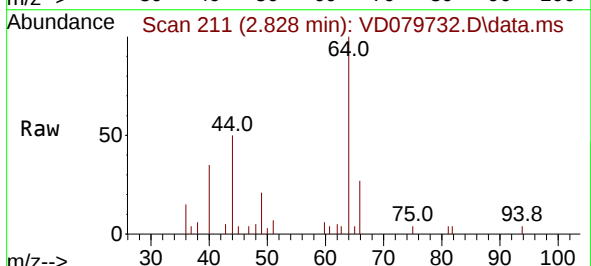
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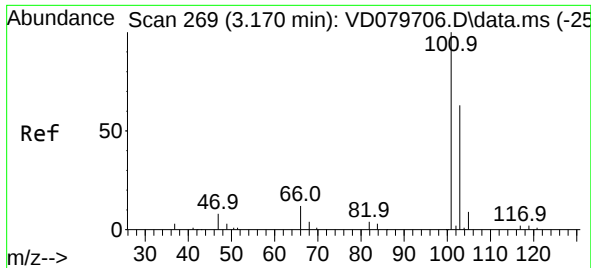
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#6
Chloroethane
Concen: 3.188 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD079732.D
Acq: 14 Aug 2024 12:48

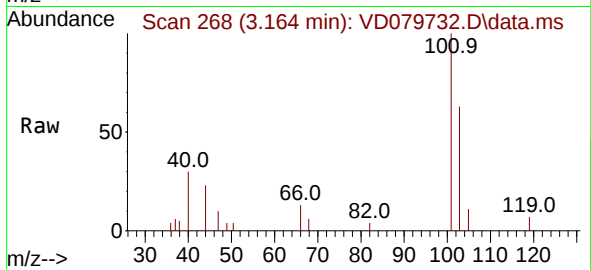
Tgt Ion: 64 Resp: 7995
Ion Ratio Lower Upper
64 100
66 27.0 24.5 36.7





#7
Trichlorofluoromethane
Concen: 2.846 ug/l
RT: 3.164 min Scan# 201
Delta R.T. -0.006 min
Lab File: VD079732.D
Acq: 14 Aug 2024 12:48

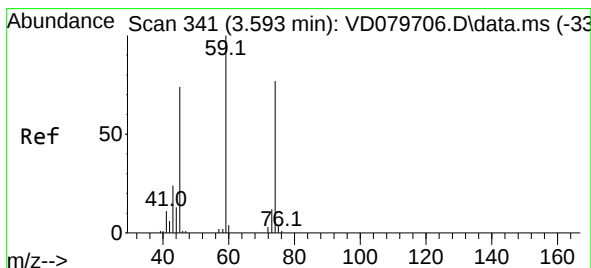
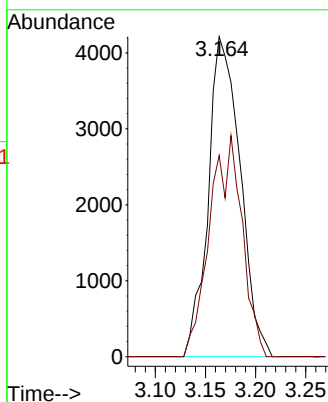
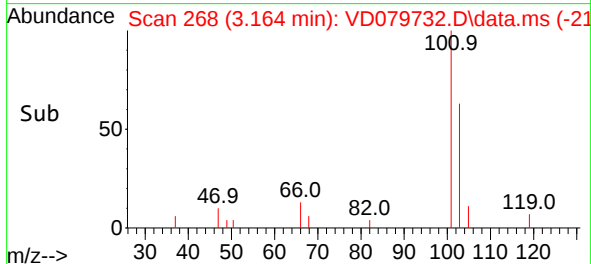
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion:101 Resp: 935
Ion Ratio Lower Upper
101 100
103 62.8 53.2 79.8

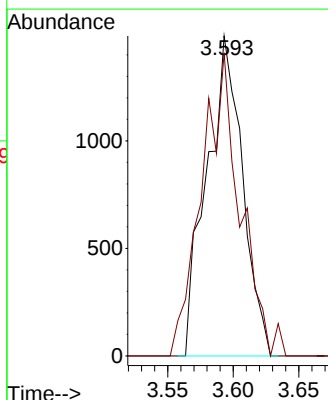
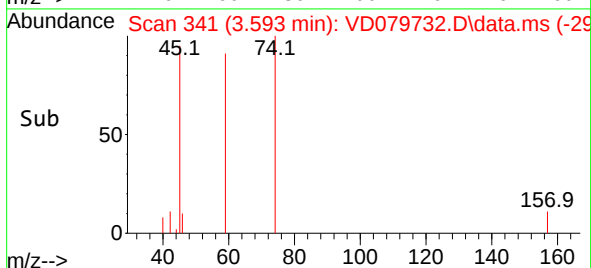
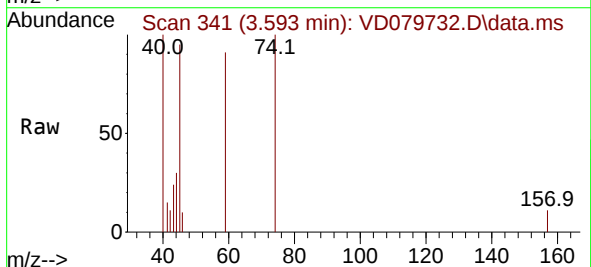
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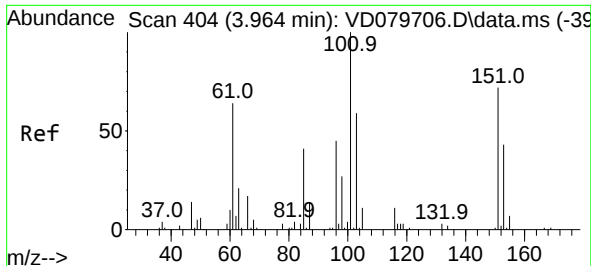
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#8
Diethyl Ether
Concen: 2.732 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD079732.D
Acq: 14 Aug 2024 12:48

Tgt Ion: 74 Resp: 2807
Ion Ratio Lower Upper
74 100
45 102.2 37.9 113.6





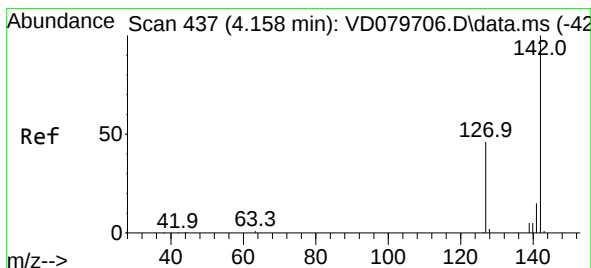
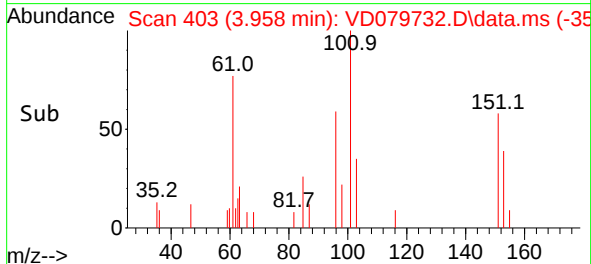
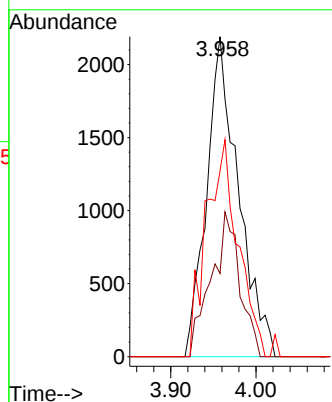
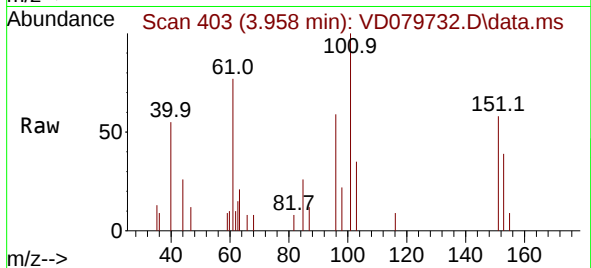
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.941 ug/l
RT: 3.958 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD079732.D
Acq: 14 Aug 2024 12:48

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

Tgt Ion:101 Resp: 568
Ion Ratio Lower Upper
101 100
85 40.6 33.5 50.3
151 67.4 60.3 90.5

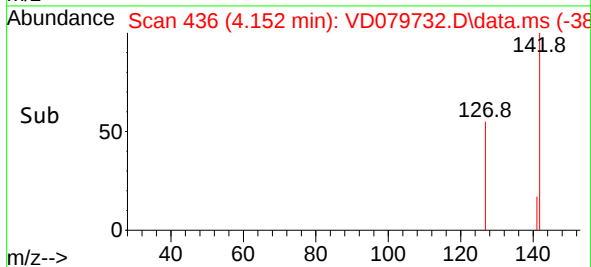
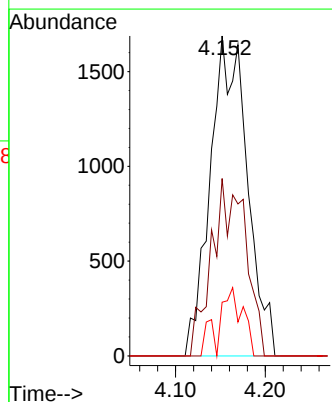
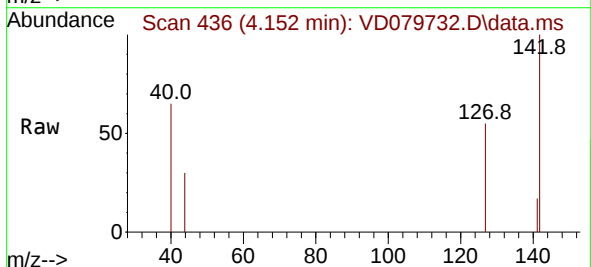
Manual Integrations
APPROVED

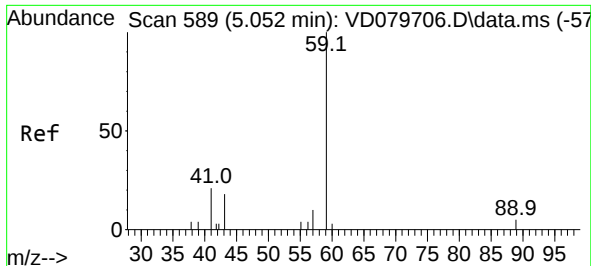
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#10
Methyl Iodide
Concen: 2.231 ug/l
RT: 4.152 min Scan# 436
Delta R.T. -0.006 min
Lab File: VD079732.D
Acq: 14 Aug 2024 12:48

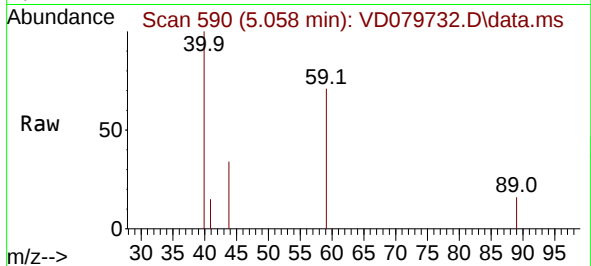
Tgt Ion:142 Resp: 4830
Ion Ratio Lower Upper
142 100
127 25.6 34.2 51.4#
141 11.4 11.7 17.5#





#11
Tert butyl alcohol
Concen: 28.802 ug/l m
RT: 5.058 min Scan# 589
Delta R.T. 0.006 min
Lab File: VD079732.D
Acq: 14 Aug 2024 12:48

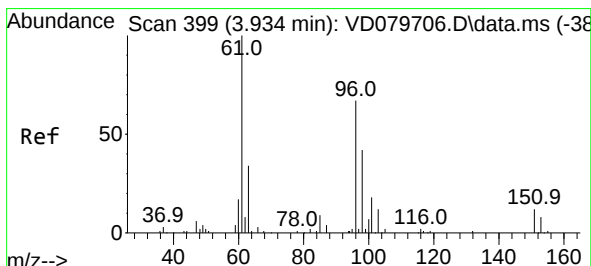
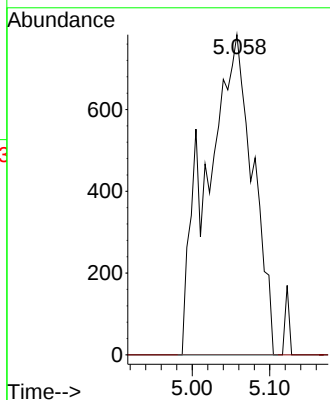
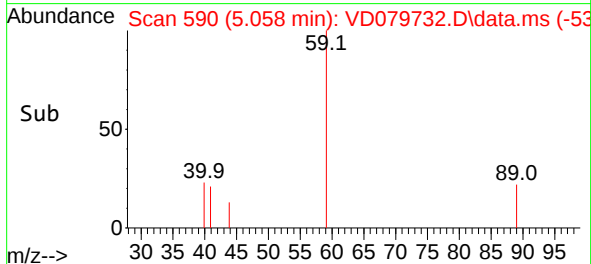
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2024



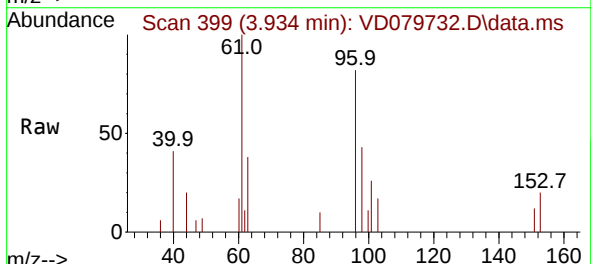
Tgt Ion: 59 Resp: 320
Ion Ratio Lower Upper
59 100
57 0.0 3.6 5.4

Manual Integrations
APPROVED

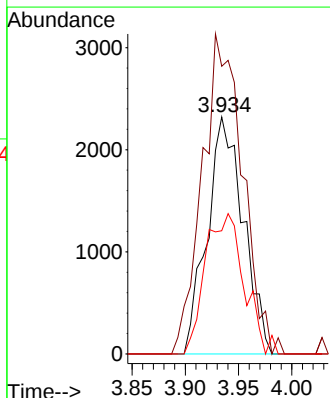
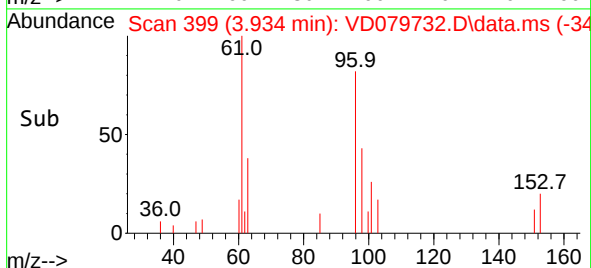
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#12
1,1-Dichloroethene
Concen: 2.706 ug/l
RT: 3.934 min Scan# 399
Delta R.T. 0.000 min
Lab File: VD079732.D
Acq: 14 Aug 2024 12:48



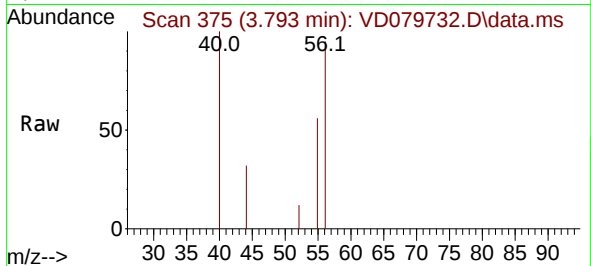
Tgt Ion: 96 Resp: 5472
Ion Ratio Lower Upper
96 100
61 114.6 107.3 160.9
98 52.0 51.7 77.5





#13
Acrolein
Concen: 14.486 ug/l
RT: 3.793 min Scan# 311
Delta R.T. -0.000 min
Lab File: VD079732.D
Acq: 14 Aug 2024 12:48

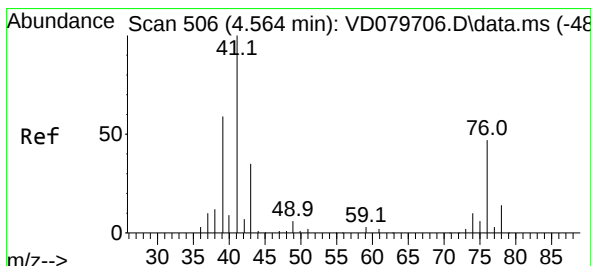
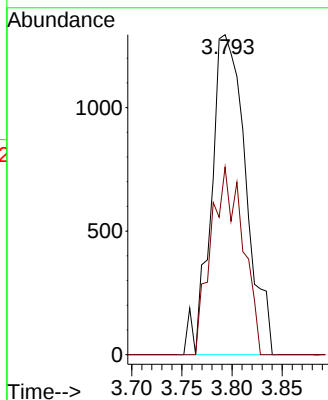
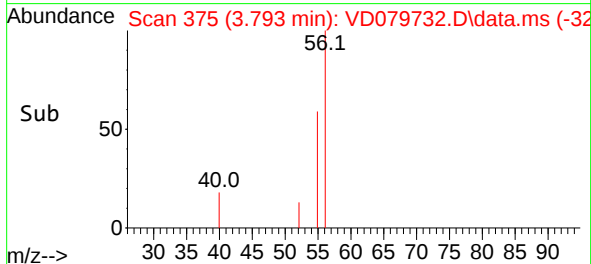
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2024



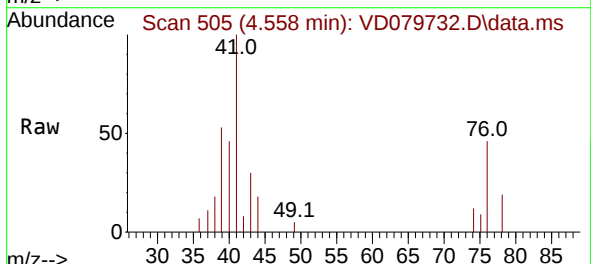
Tgt Ion: 56 Resp: 3119
Ion Ratio Lower Upper
56 100
55 54.0 55.3 82.9

Manual Integrations
APPROVED

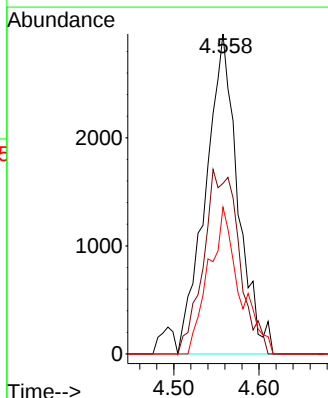
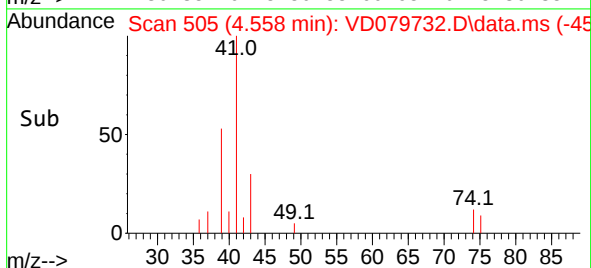
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024

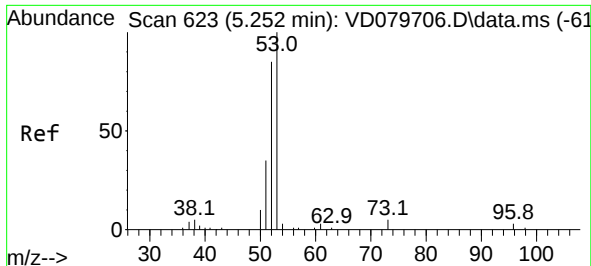


#14
Allyl chloride
Concen: 2.580 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD079732.D
Acq: 14 Aug 2024 12:48



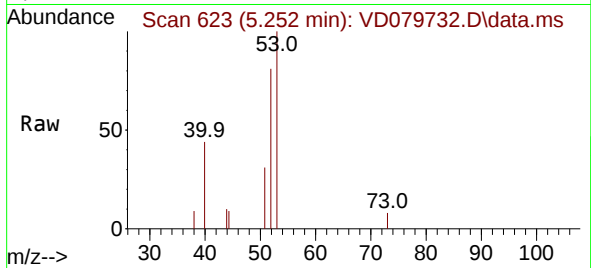
Tgt Ion: 41 Resp: 7825
Ion Ratio Lower Upper
41 100
39 63.3 58.0 87.0
76 43.6 45.9 68.9





#15
Acrylonitrile
Concen: 14.013 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD079732.D
Acq: 14 Aug 2024 12:48

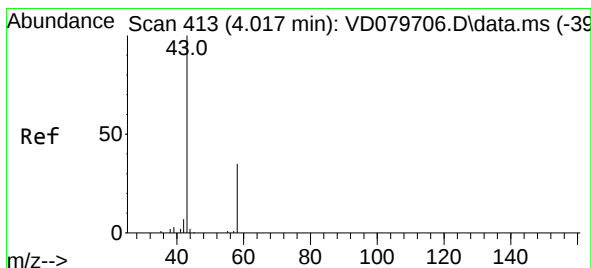
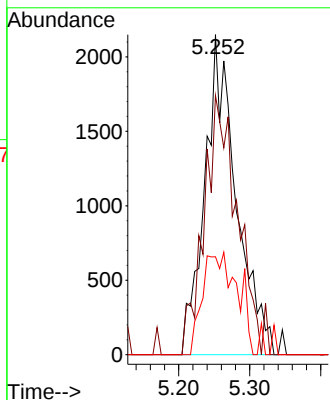
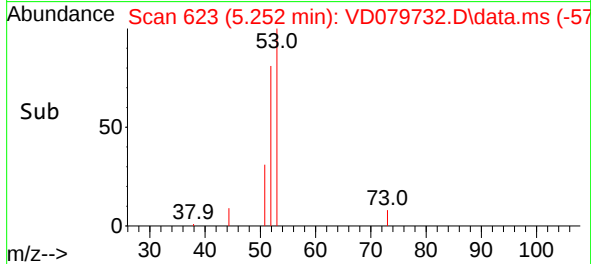
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion: 53 Resp: 662
Ion Ratio Lower Upper
53 100
52 84.4 67.7 101.5
51 35.2 28.6 42.8

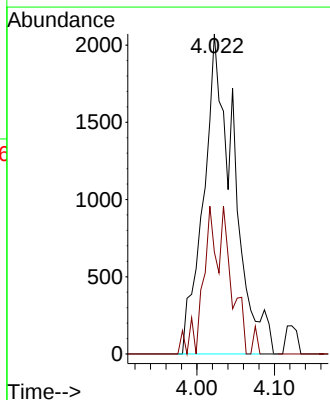
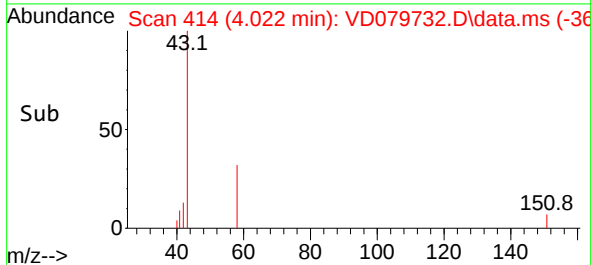
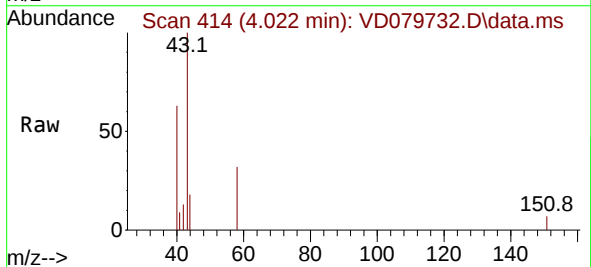
Manual Integrations
APPROVED

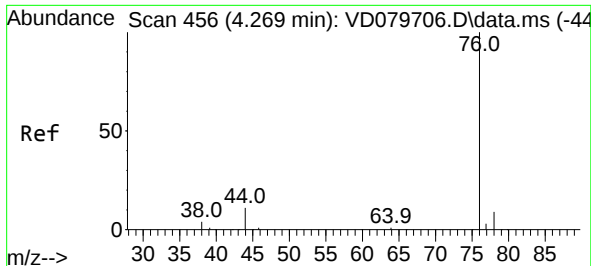
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#16
Acetone
Concen: 13.681 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.005 min
Lab File: VD079732.D
Acq: 14 Aug 2024 12:48

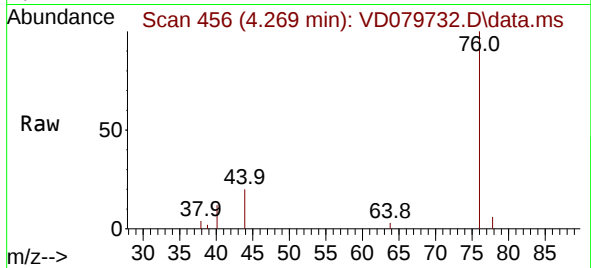
Tgt Ion: 43 Resp: 5660
Ion Ratio Lower Upper
43 100
58 31.9 30.4 45.6





#17
Carbon Disulfide
Concen: 2.707 ug/l
RT: 4.269 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD079732.D
Acq: 14 Aug 2024 12:48

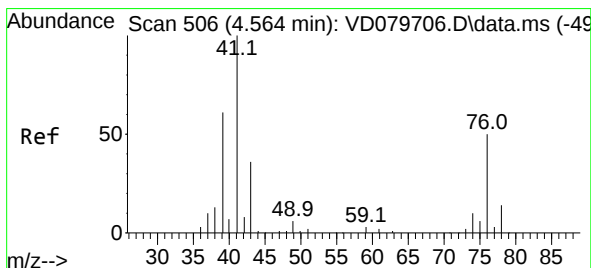
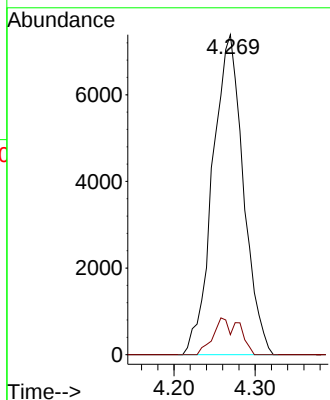
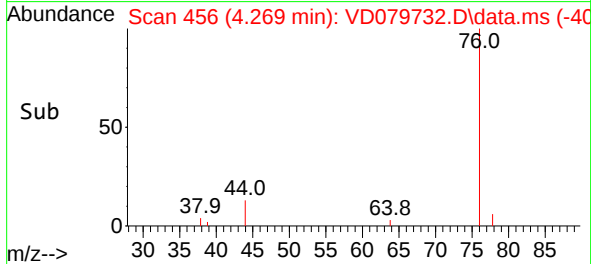
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion: 76 Resp: 19409
Ion Ratio Lower Upper
76 100
78 6.2 6.9 10.3

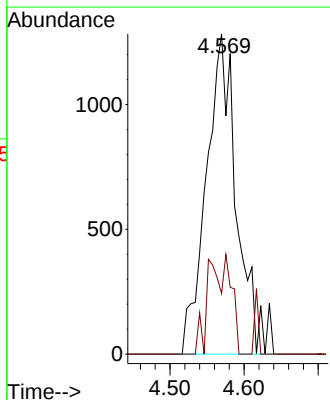
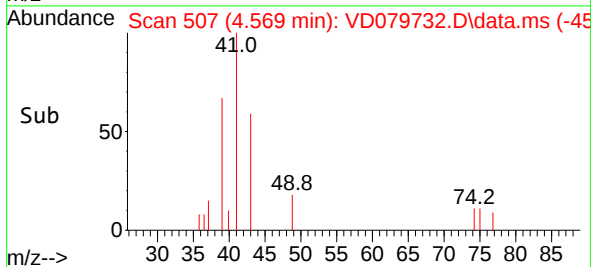
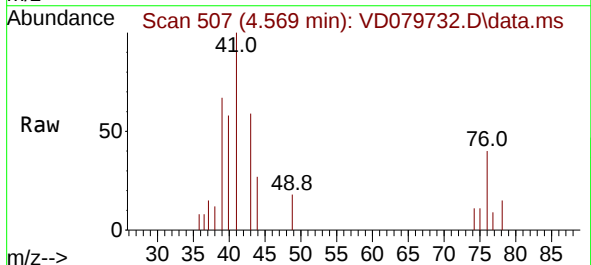
Manual Integrations
APPROVED

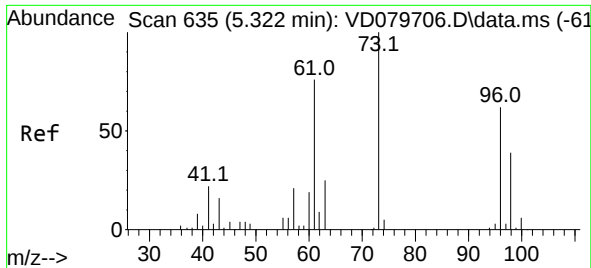
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#18
Methyl Acetate
Concen: 2.914 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD079732.D
Acq: 14 Aug 2024 12:48

Tgt Ion: 43 Resp: 3678
Ion Ratio Lower Upper
43 100
74 13.9 28.1 42.1#





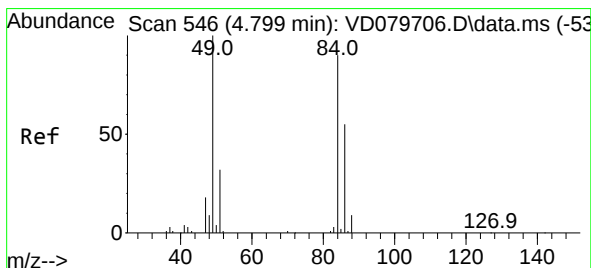
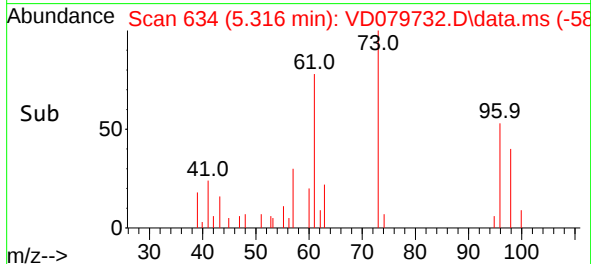
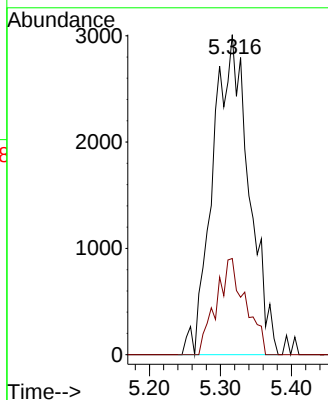
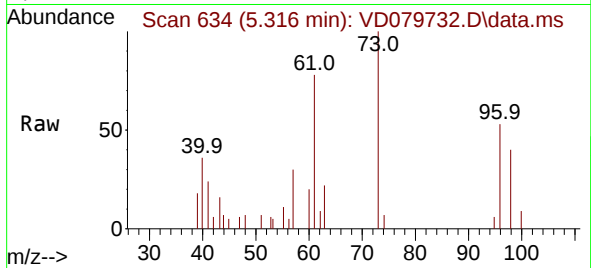
#19
Methyl tert-butyl Ether
Concen: 2.564 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD079732.D
Acq: 14 Aug 2024 12:48

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

Tgt Ion: 73 Resp: 10648
Ion Ratio Lower Upper
73 100
57 30.1 18.3 27.5

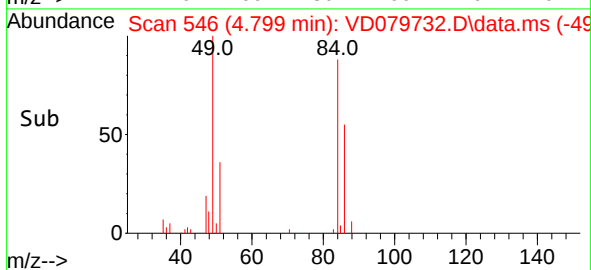
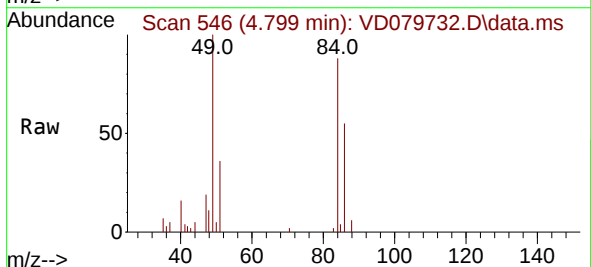
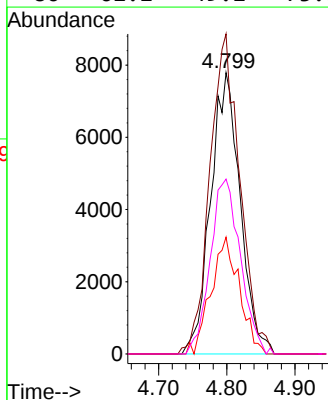
Manual Integrations
APPROVED

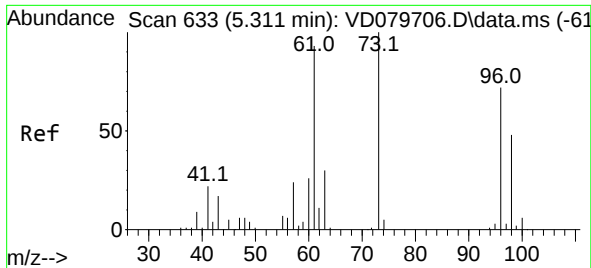
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#20
Methylene Chloride
Concen: 7.235 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD079732.D
Acq: 14 Aug 2024 12:48

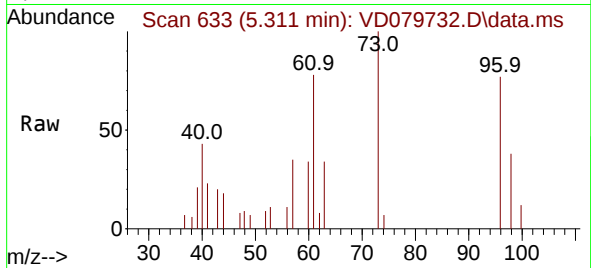
Tgt Ion: 84 Resp: 23459
Ion Ratio Lower Upper
84 100
49 113.8 75.6 113.4#
51 41.5 24.2 36.2#
86 62.2 49.2 73.8





#21
trans-1,2-Dichloroethene
Concen: 2.663 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.000 min
Lab File: VD079732.D
Acq: 14 Aug 2024 12:48

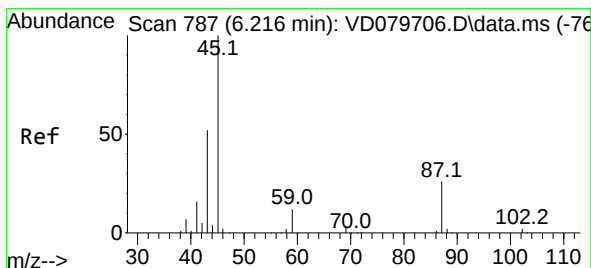
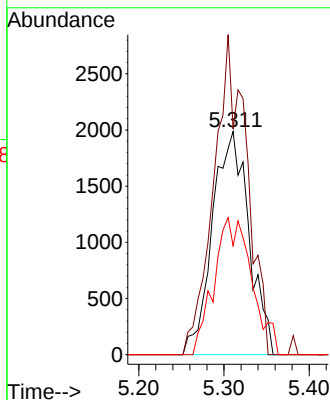
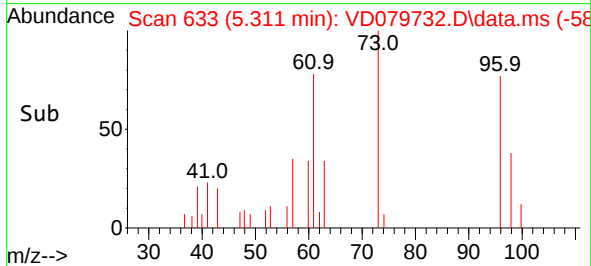
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2024



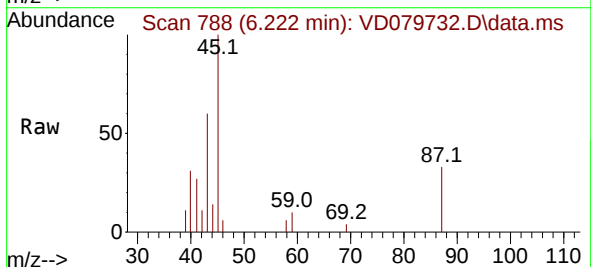
Tgt Ion: 96 Resp: 591
Ion Ratio Lower Upper
96 100
61 101.2 84.5 126.7
98 48.8 50.5 75.7

Manual Integrations
APPROVED

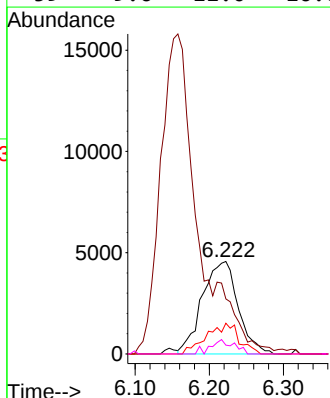
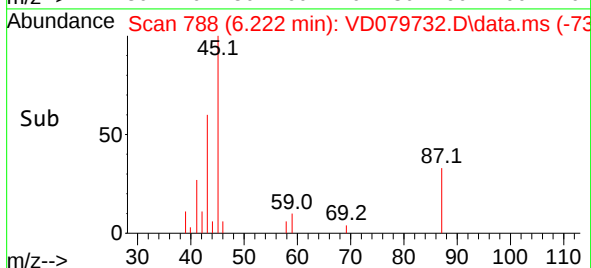
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024

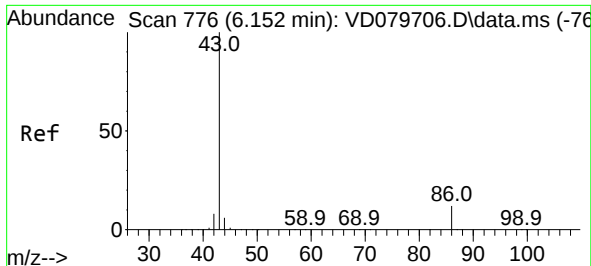


#22
Diisopropyl ether
Concen: 2.455 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD079732.D
Acq: 14 Aug 2024 12:48



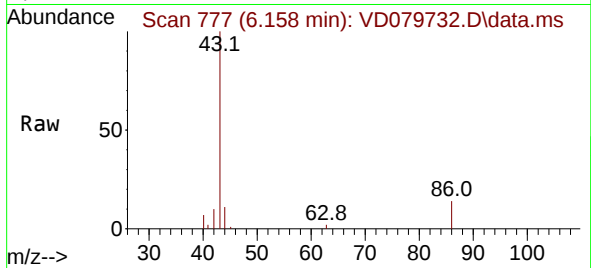
Tgt Ion: 45 Resp: 15346
Ion Ratio Lower Upper
45 100
43 54.7 41.7 62.5
87 33.2 30.2 45.2
59 9.6 11.0 16.6





#23
 Vinyl Acetate
 Concen: 12.152 ug/l m
 RT: 6.158 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VD079732.D
 Acq: 14 Aug 2024 12:48

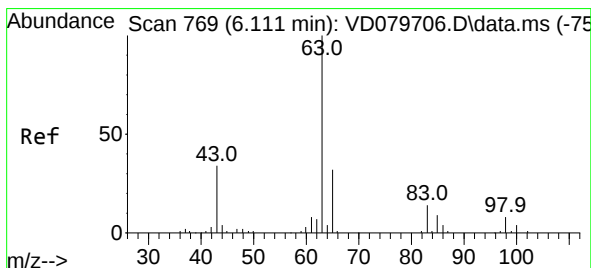
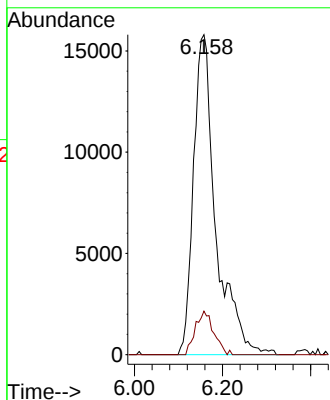
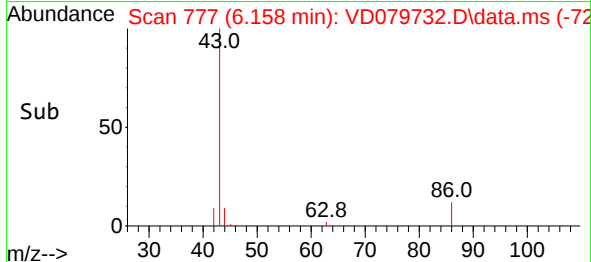
Instrument :
 MSVOA_D
 ClientSampleId :
 MDL-SOIL-03-QT3-2024



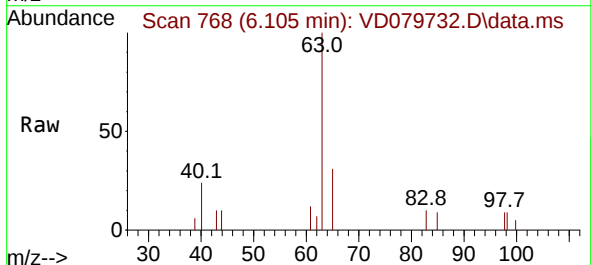
Tgt Ion: 43 Resp: 5567
 Ion Ratio Lower Upper
 43 100
 86 13.6 12.3 18.5

Manual Integrations
 APPROVED

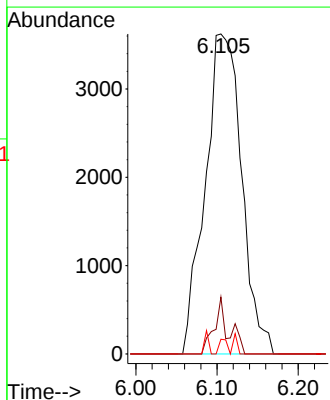
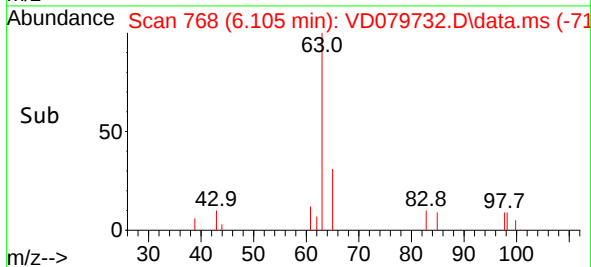
Reviewed By :Mahesh Dadoda 08/15/2024
 Supervised By :Semsettin Yesilyurt 08/15/2024

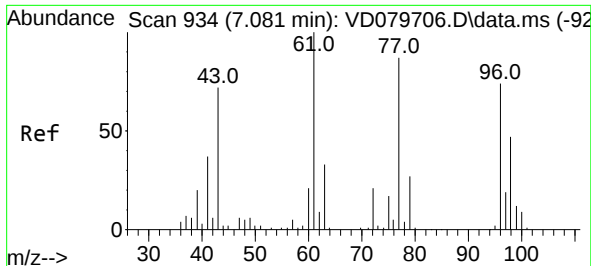


#24
 1,1-Dichloroethane
 Concen: 2.738 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. -0.006 min
 Lab File: VD079732.D
 Acq: 14 Aug 2024 12:48



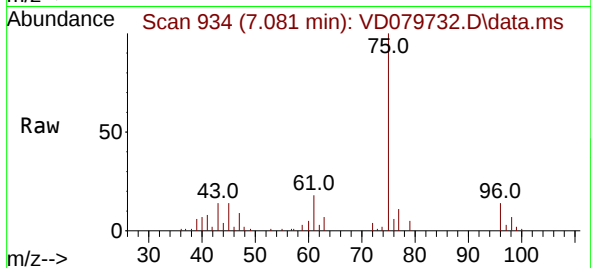
Tgt Ion: 63 Resp: 11312
 Ion Ratio Lower Upper
 63 100
 98 17.7 4.7 14.0#
 100 4.6 2.9 8.6





#25
2-Butanone
Concen: 15.154 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD079732.D
Acq: 14 Aug 2024 12:48

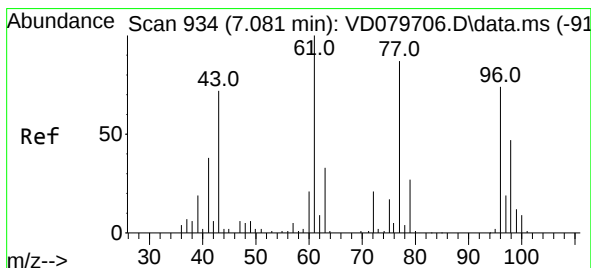
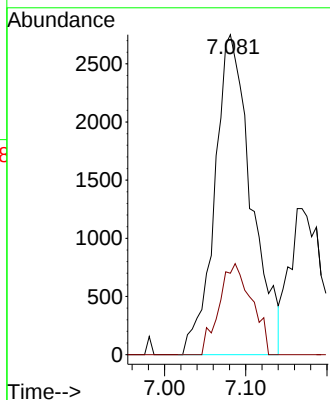
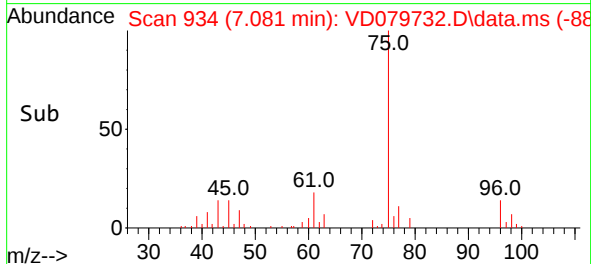
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion: 43 Resp: 8630
Ion Ratio Lower Upper
43 100
72 25.4 26.4 39.6

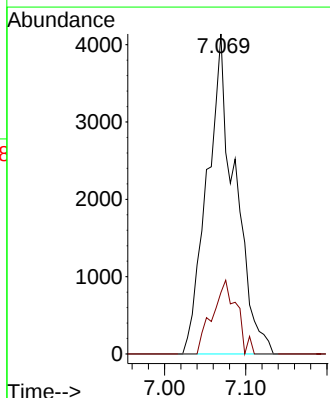
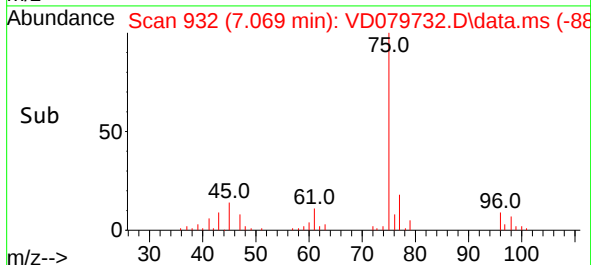
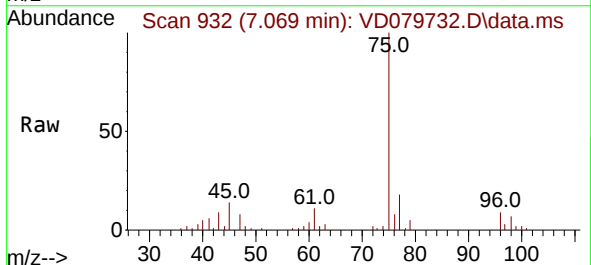
Manual Integrations
APPROVED

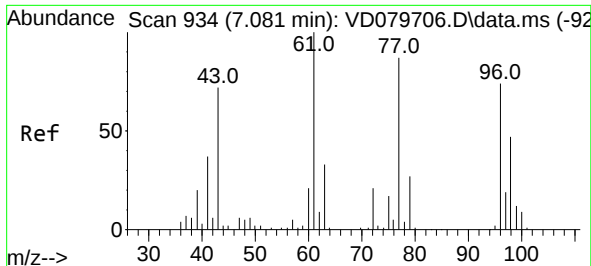
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#26
2,2-Dichloropropane
Concen: 3.033 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.012 min
Lab File: VD079732.D
Acq: 14 Aug 2024 12:48

Tgt Ion: 77 Resp: 9898
Ion Ratio Lower Upper
77 100
97 20.1 12.4 37.2





#27

cis-1,2-Dichloroethene

Concen: 2.683 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD079732.D

Acq: 14 Aug 2024 12:48

Instrument :

MSVOA_D

ClientSampleId :

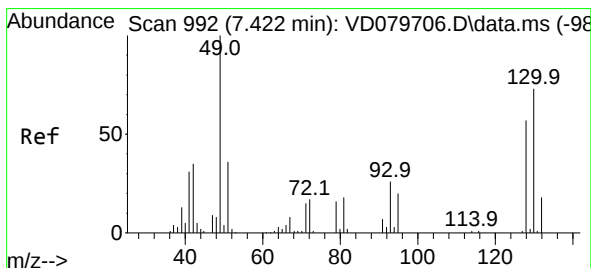
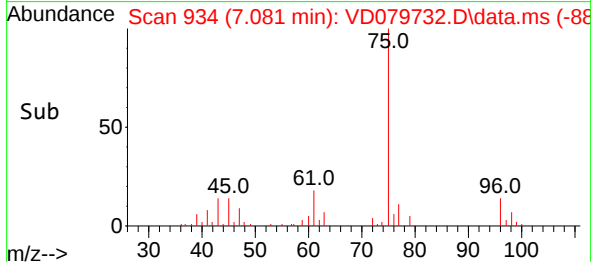
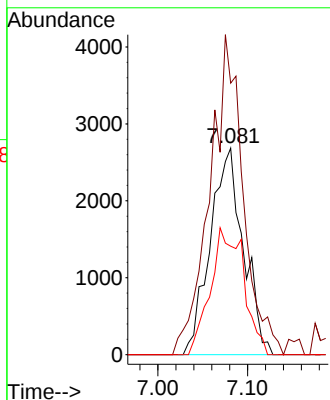
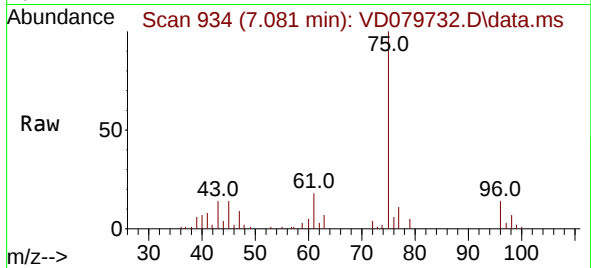
MDL-SOIL-03-QT3-2024

Tgt Ion: 96	Resp: 690
Ion Ratio	Lower Upper
96 100	
61 155.7	0.0 229.0
98 61.5	0.0 127.2

Manual Integrations

APPROVED

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



#28

Bromochloromethane

Concen: 3.090 ug/l

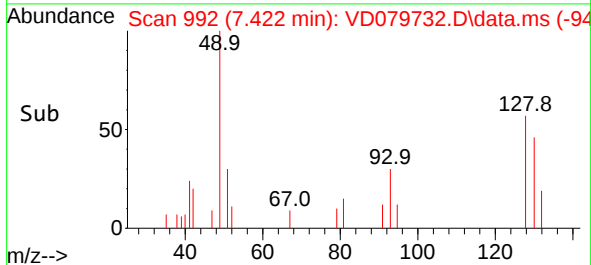
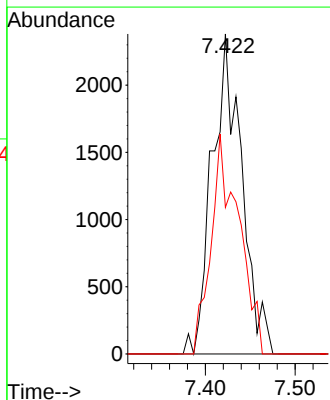
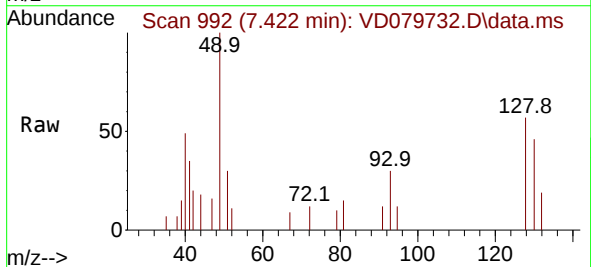
RT: 7.422 min Scan# 992

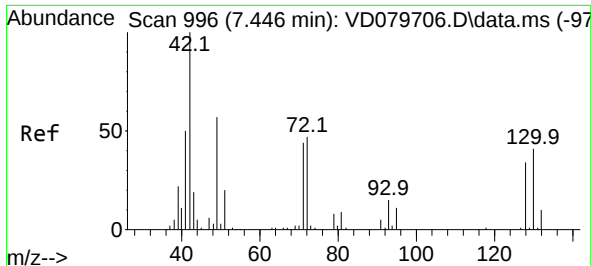
Delta R.T. 0.000 min

Lab File: VD079732.D

Acq: 14 Aug 2024 12:48

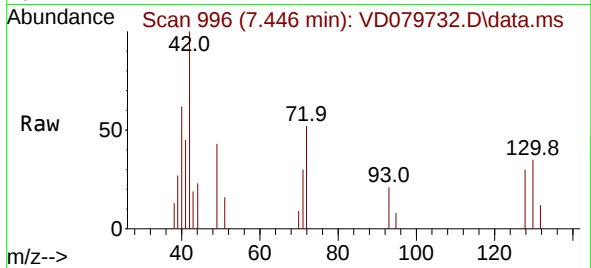
Tgt Ion: 49	Resp: 5432
Ion Ratio	Lower Upper
49 100	
129 0.0	0.0 7.0
130 64.8	87.7 131.5





#29
Tetrahydrofuran
Concen: 13.851 ug/l
RT: 7.446 min Scan# 996
Delta R.T. -0.000 min
Lab File: VD079732.D
Acq: 14 Aug 2024 12:48

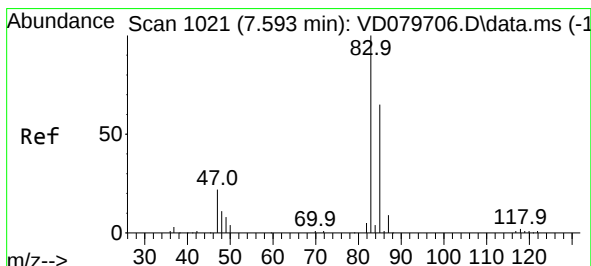
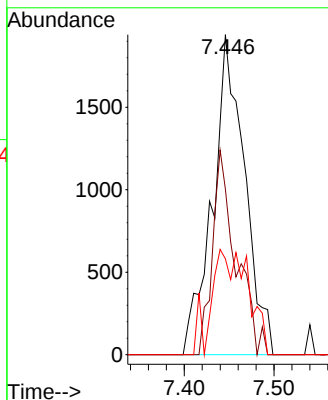
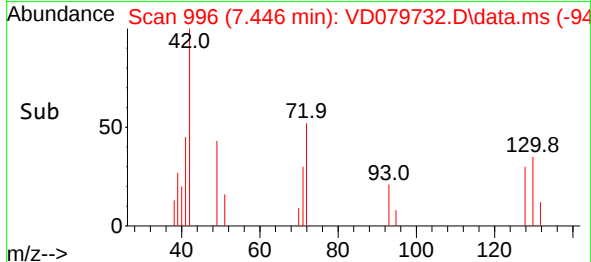
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT3-2024



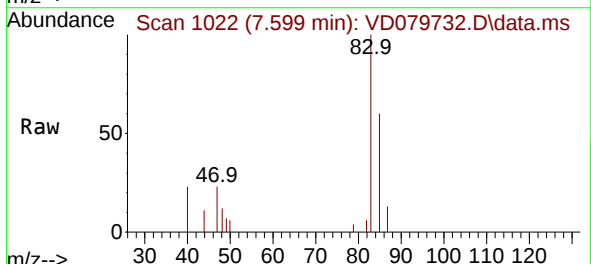
Tgt Ion: 42 Resp: 479
Ion Ratio Lower Upper
42 100
72 47.1 49.4 74.0
71 17.6 45.0 67.6

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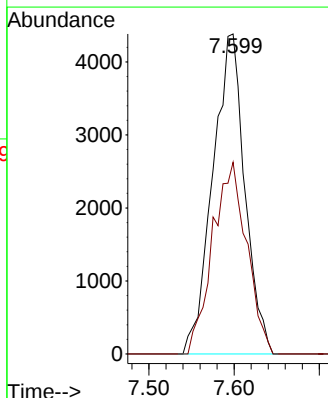
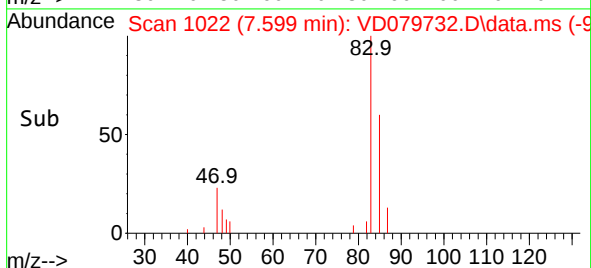
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024

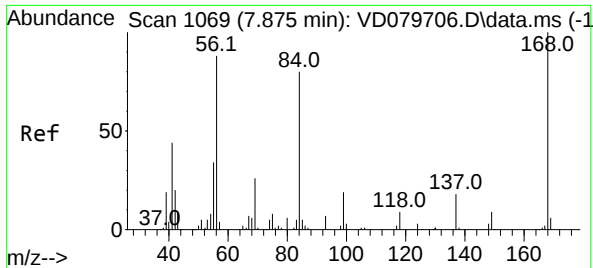


#30
Chloroform
Concen: 2.859 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VD079732.D
Acq: 14 Aug 2024 12:48



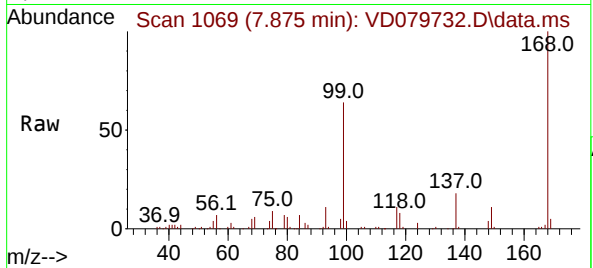
Tgt Ion: 83 Resp: 11471
Ion Ratio Lower Upper
83 100
85 59.9 51.8 77.6





#31
Cyclohexane
Concen: 3.405 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079732.D
Acq: 14 Aug 2024 12:48

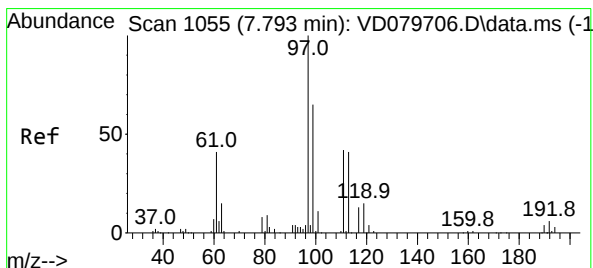
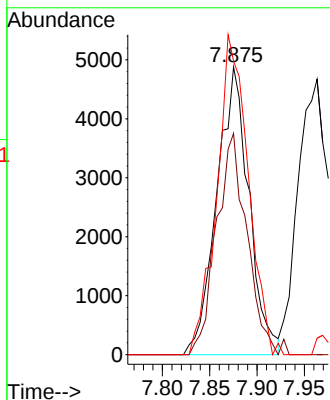
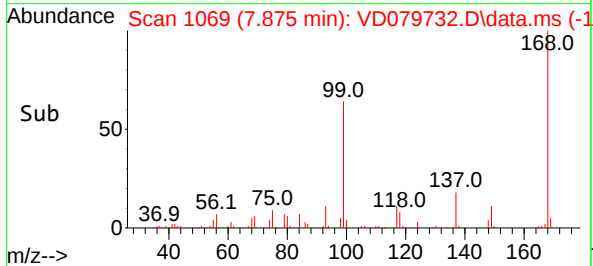
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT3-2024



Tgt Ion: 56 Resp: 11519
Ion Ratio Lower Upper
56 100
69 76.9 28.0 42.0
84 102.0 87.4 131.0

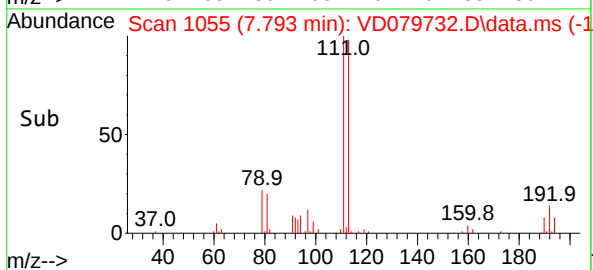
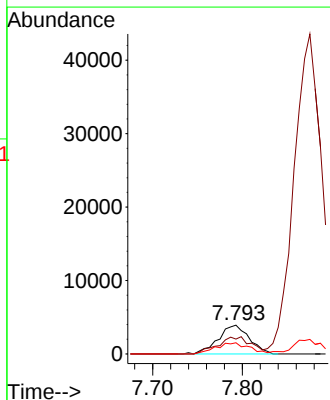
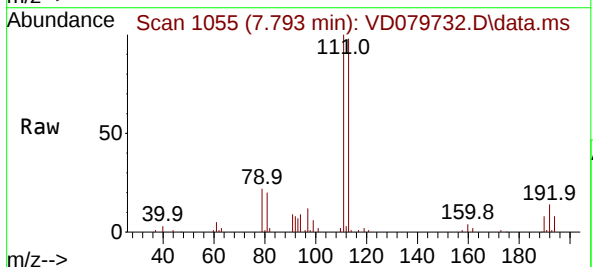
Manual Integrations
APPROVED

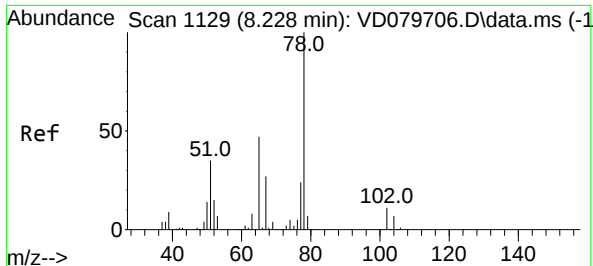
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#32
1,1,1-Trichloroethane
Concen: 2.843 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD079732.D
Acq: 14 Aug 2024 12:48

Tgt Ion: 97 Resp: 9438
Ion Ratio Lower Upper
97 100
99 63.8 51.3 76.9
61 41.7 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 54.843 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD079732.D

Acq: 14 Aug 2024 12:48

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT3-2024

Tgt Ion: 65 Resp: 10151

Ion Ratio Lower Upper

65 100

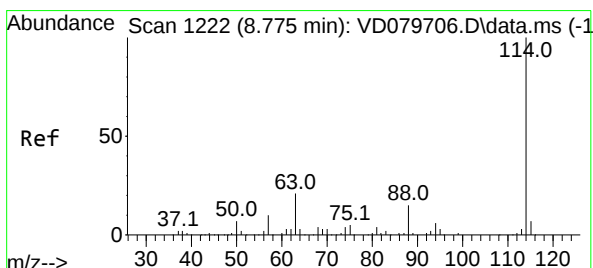
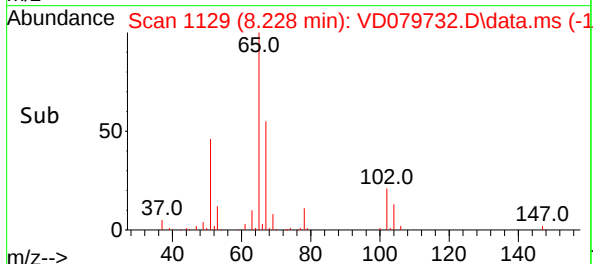
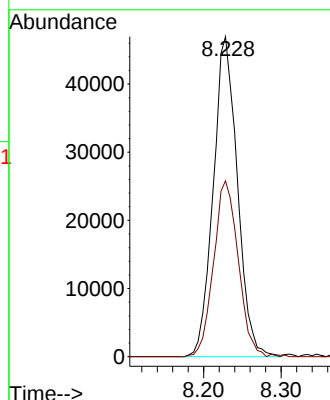
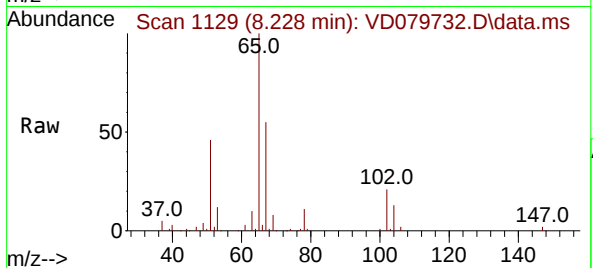
67 56.1 0.0 111.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/15/2024

Supervised By :Semsettin Yesilyurt 08/15/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD079732.D

Acq: 14 Aug 2024 12:48

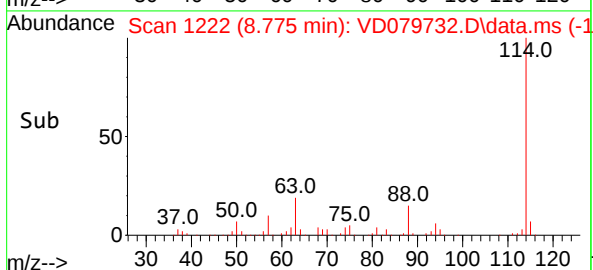
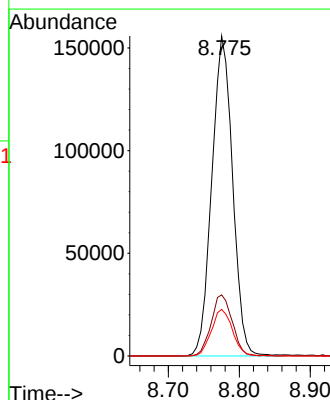
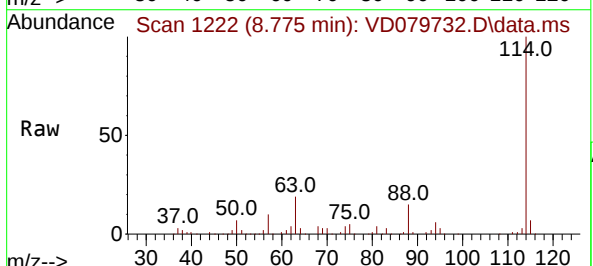
Tgt Ion:114 Resp: 316204

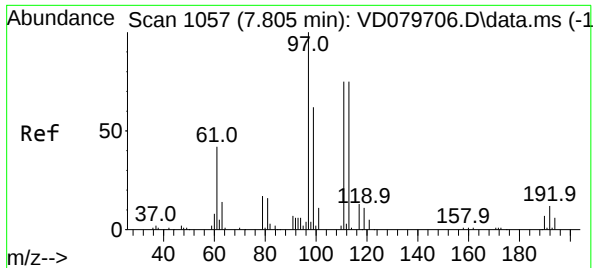
Ion Ratio Lower Upper

114 100

63 19.1 0.0 34.0

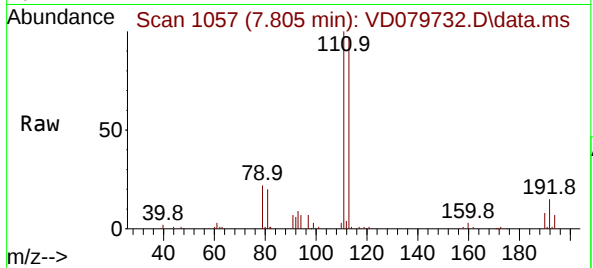
88 14.5 0.0 27.2





#35
Dibromofluoromethane
Concen: 50.099 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD079732.D
Acq: 14 Aug 2024 12:48

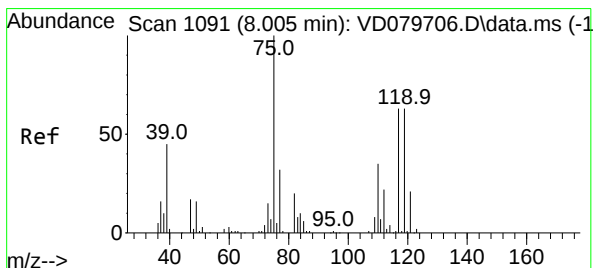
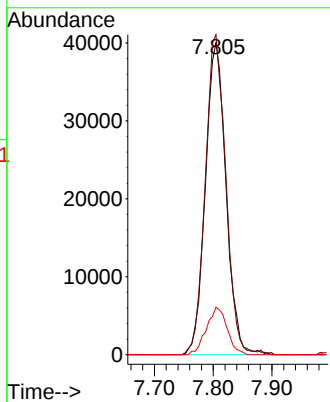
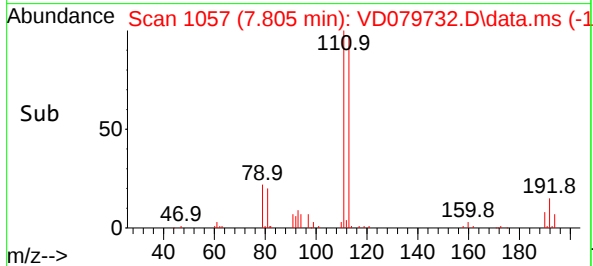
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT3-2024



Tgt Ion: 113 Resp: 97660
Ion Ratio Lower Upper
113 100
111 102.1 84.0 126.0
192 15.3 15.4 23.0

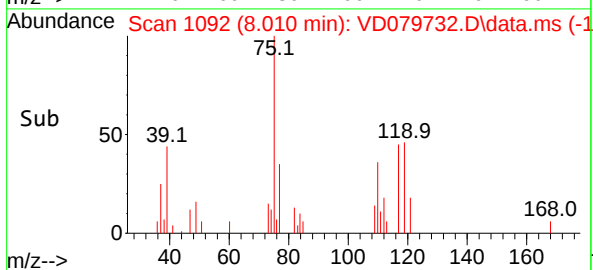
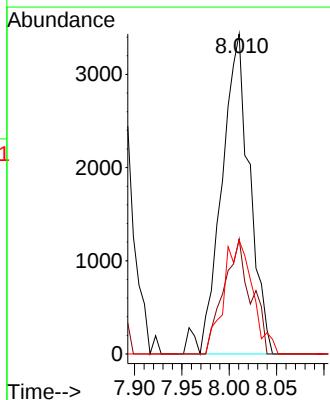
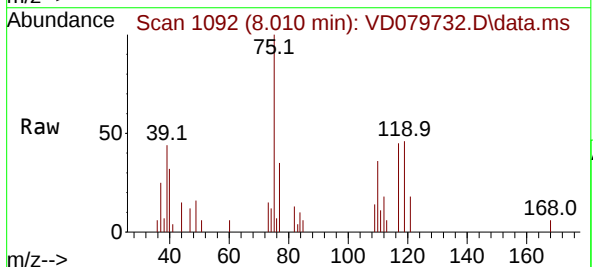
Manual Integrations
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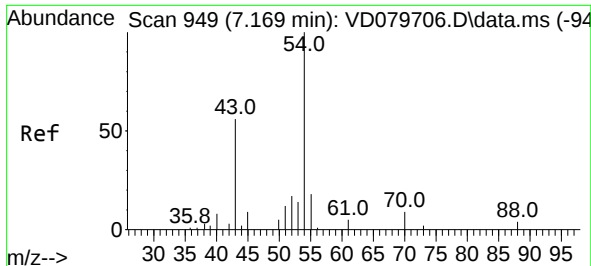
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#36
1,1-Dichloropropene
Concen: 2.348 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VD079732.D
Acq: 14 Aug 2024 12:48

Tgt Ion: 75 Resp: 7096
Ion Ratio Lower Upper
75 100
110 34.8 19.6 58.7
77 36.7 26.1 39.1





#37

Ethyl Acetate

Concen: 2.532 ug/l m

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

Lab File: VD079732.D

Acq: 14 Aug 2024 12:48

Instrument :

MSVOA_D

ClientSampleId :

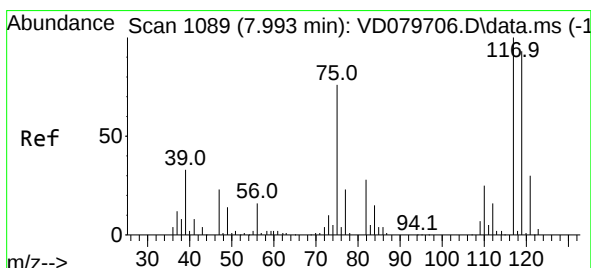
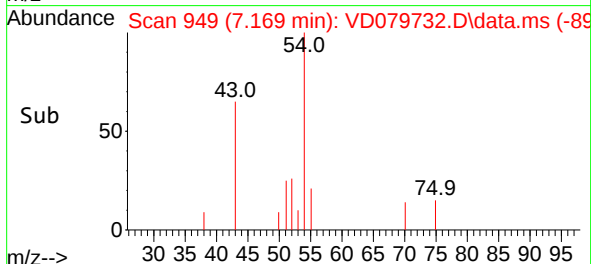
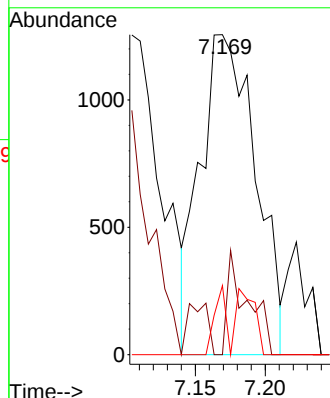
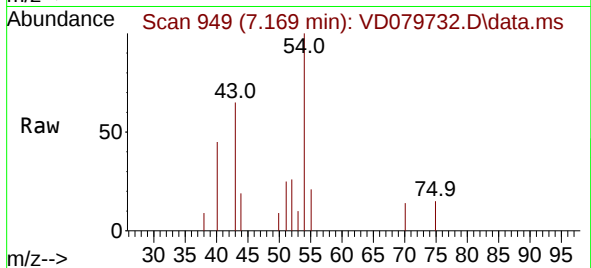
MDL-SOIL-03-QT3-2024

Tgt Ion: 43	Resp: 346
Ion Ratio	Lower Upper
43 100	
61 0.0	13.9 20.9
70 4.3	9.8 14.6

Manual Integrations

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



#38

Carbon Tetrachloride

Concen: 2.477 ug/l

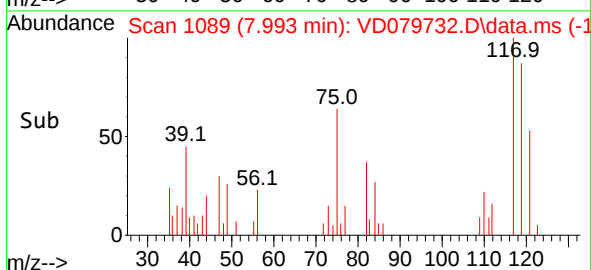
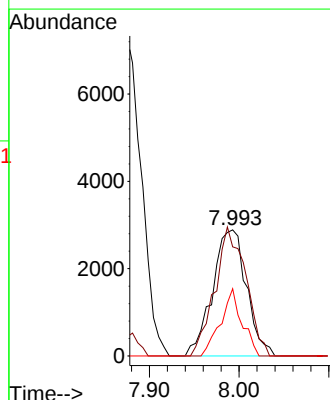
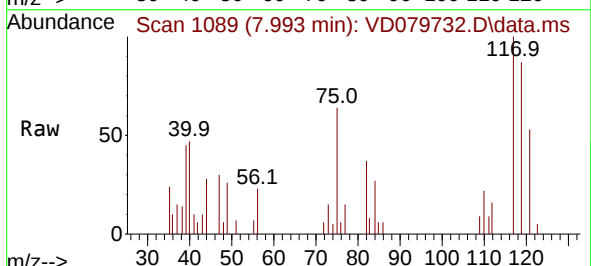
RT: 7.993 min Scan# 1089

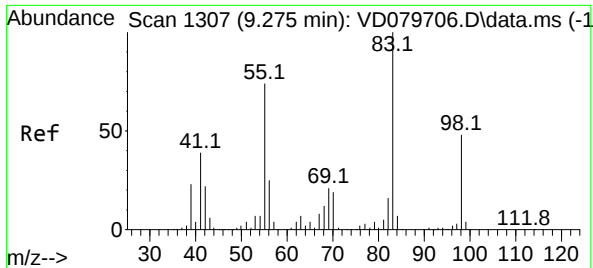
Delta R.T. -0.000 min

Lab File: VD079732.D

Acq: 14 Aug 2024 12:48

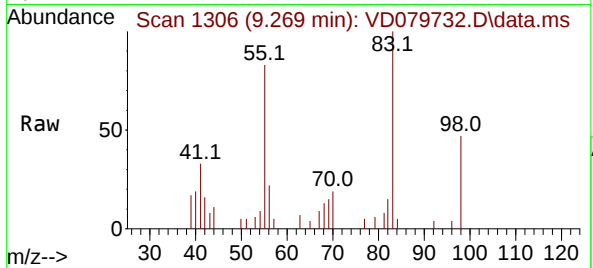
Tgt Ion:117	Resp: 7596
Ion Ratio	Lower Upper
117 100	
119 86.6	75.4 113.0
121 53.3	25.0 37.4





#39
Methylcyclohexane
Concen: 2.489 ug/l
RT: 9.269 min Scan# 11306
Delta R.T. -0.006 min
Lab File: VD079732.D
Acq: 14 Aug 2024 12:48

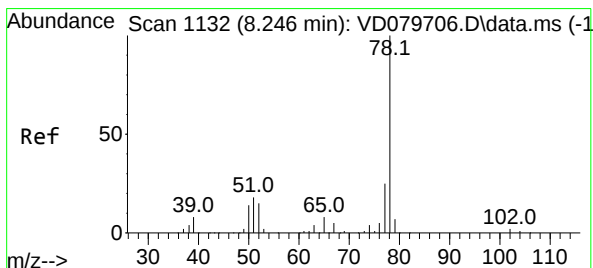
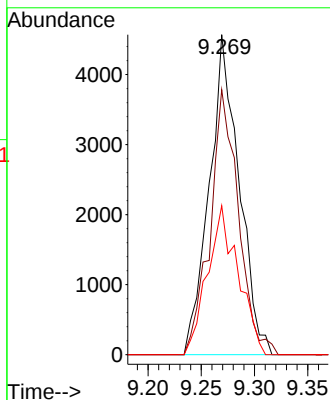
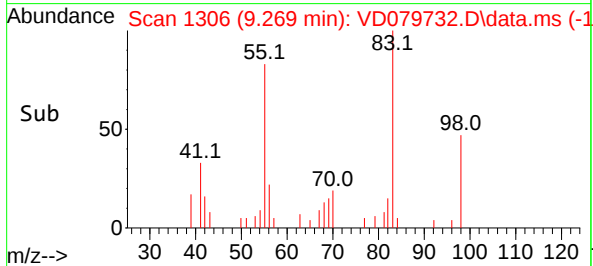
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT3-2024



Tgt Ion: 83 Resp: 889
Ion Ratio Lower Upper
83 100
55 82.8 50.1 75.1
98 46.6 41.9 62.9

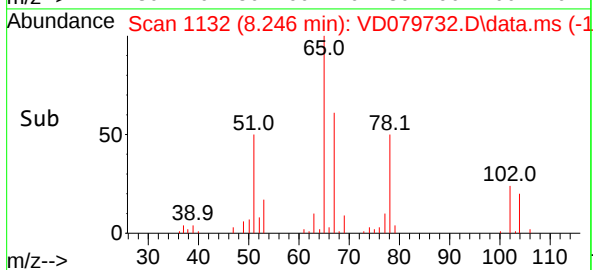
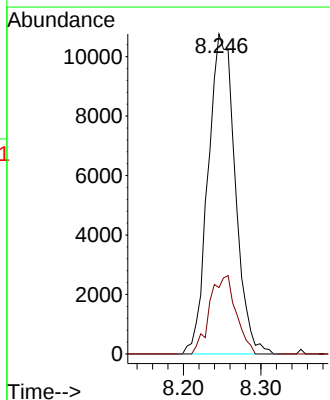
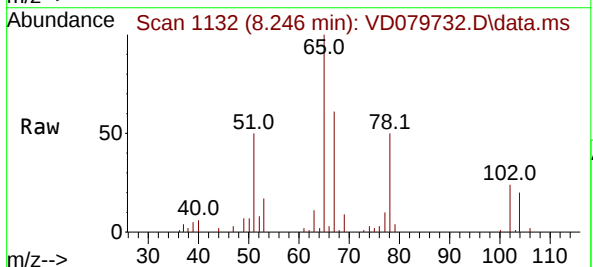
Manual Integrations
APPROVED

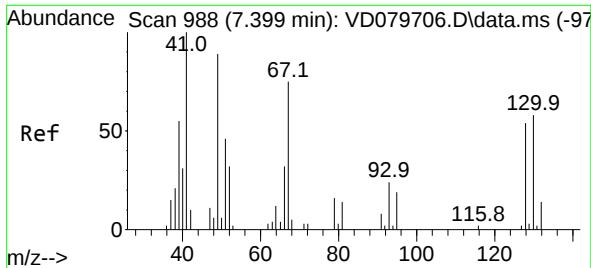
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#40
Benzene
Concen: 2.657 ug/l
RT: 8.246 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VD079732.D
Acq: 14 Aug 2024 12:48

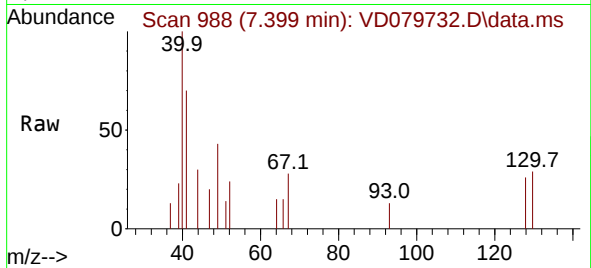
Tgt Ion: 78 Resp: 26110
Ion Ratio Lower Upper
78 100
77 20.7 18.1 27.1





#41
Methacrylonitrile
Concen: 2.638 ug/l m
RT: 7.399 min Scan# 988
Delta R.T. 0.000 min
Lab File: VD079732.D
Acq: 14 Aug 2024 12:48

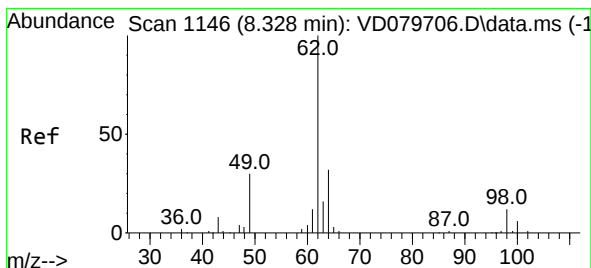
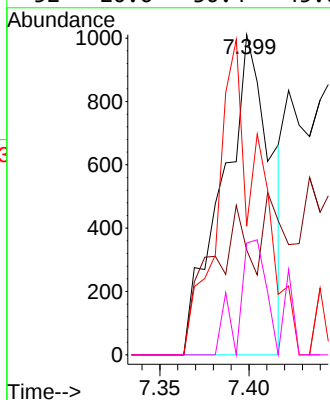
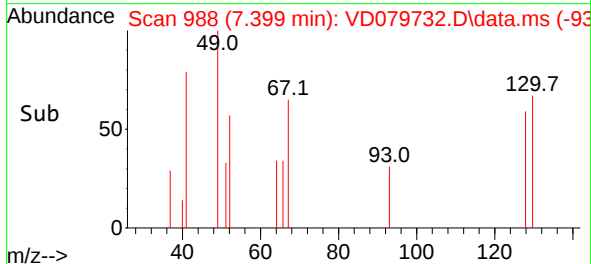
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion: 41 Resp: 1900
Ion Ratio Lower Upper
41 100
39 23.9 41.4 62.0
67 0.0 85.8 128.6
52 20.6 30.4 45.6

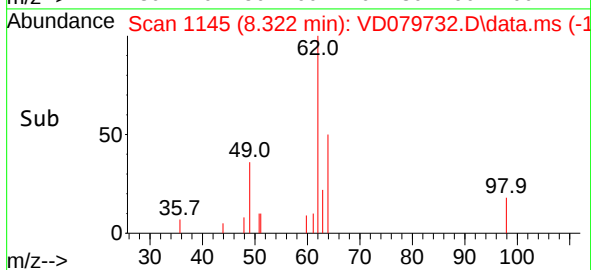
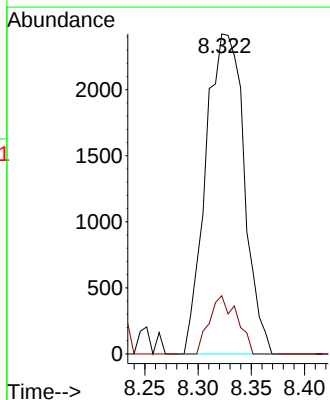
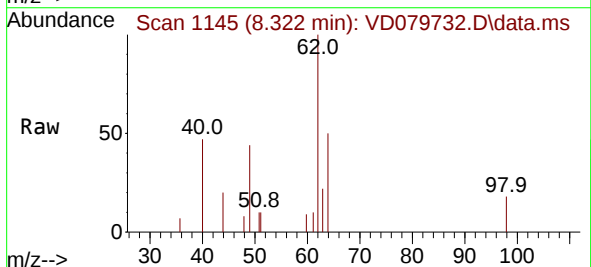
Manual Integrations
APPROVED

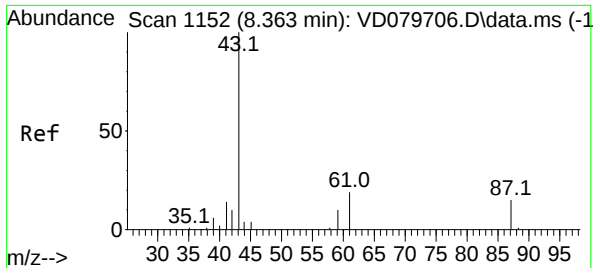
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#42
1,2-Dichloroethane
Concen: 2.667 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD079732.D
Acq: 14 Aug 2024 12:48

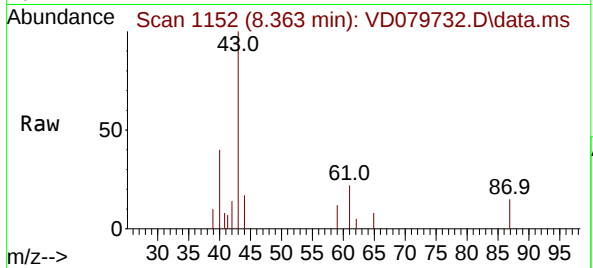
Tgt Ion: 62 Resp: 6059
Ion Ratio Lower Upper
62 100
98 13.1 0.0 25.8





#43
Isopropyl Acetate
Concen: 2.601 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VD079732.D
Acq: 14 Aug 2024 12:48

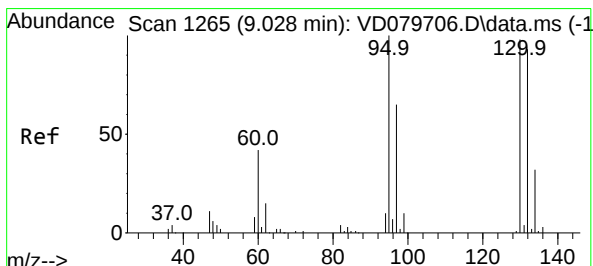
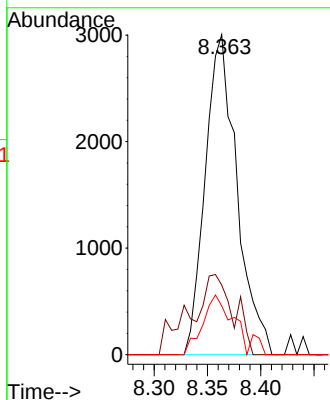
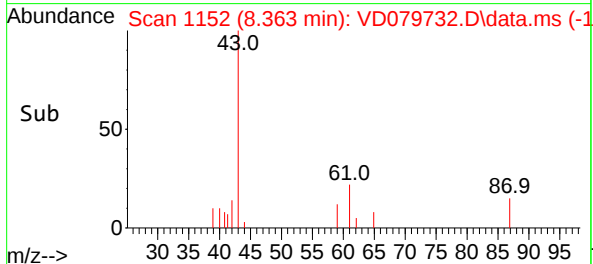
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT3-2024



Tgt Ion: 43 Resp: 620
Ion Ratio Lower Upper
43 100
61 23.4 29.3 43.9
87 19.4 14.9 22.3

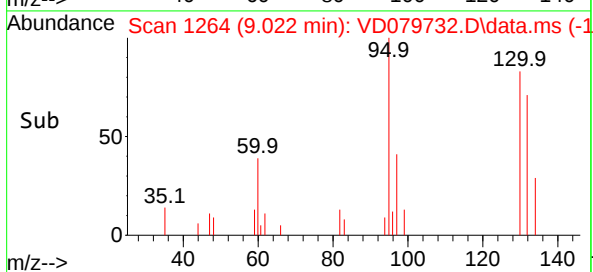
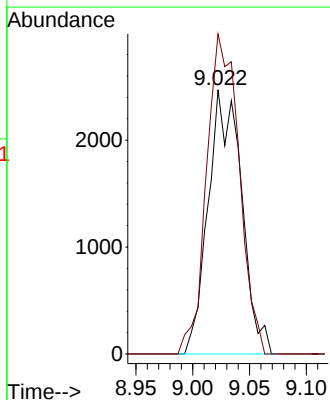
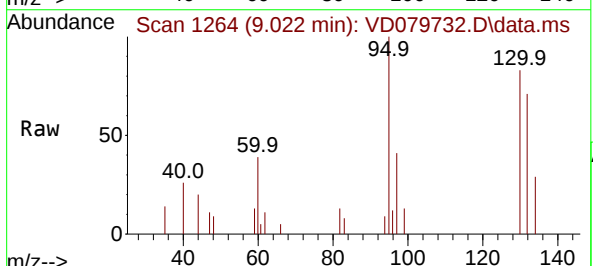
Manual Integrations
APPROVED

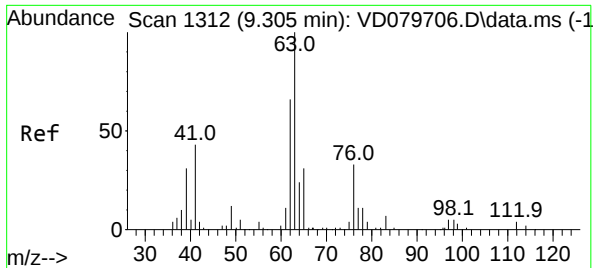
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#44
Trichloroethene
Concen: 2.336 ug/l
RT: 9.022 min Scan# 1264
Delta R.T. -0.006 min
Lab File: VD079732.D
Acq: 14 Aug 2024 12:48

Tgt Ion:130 Resp: 5042
Ion Ratio Lower Upper
130 100
95 121.1 0.0 177.8





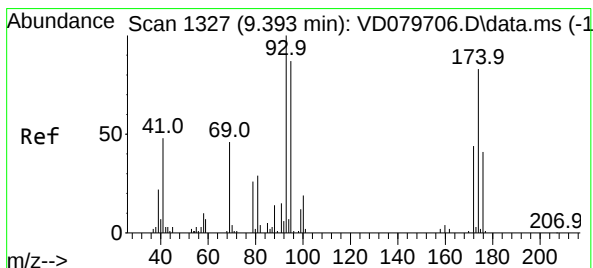
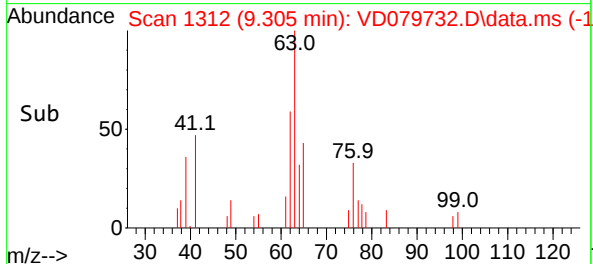
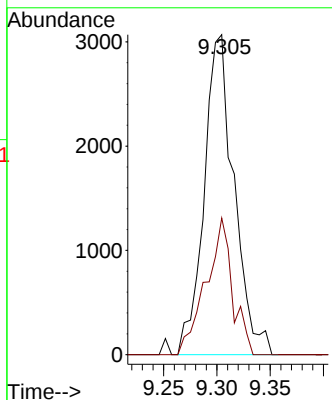
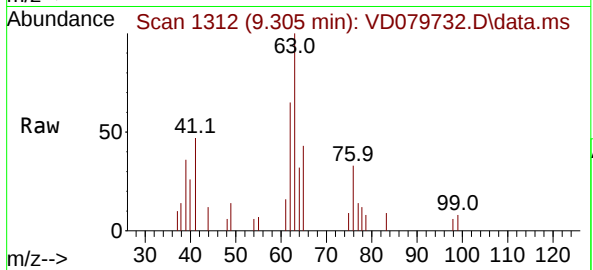
#45
1,2-Dichloropropane
Concen: 2.480 ug/l
RT: 9.305 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VD079732.D
Acq: 14 Aug 2024 12:48

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

Tgt Ion: 63 Resp: 6000
Ion Ratio Lower Upper
63 100
65 42.7 23.8 35.8

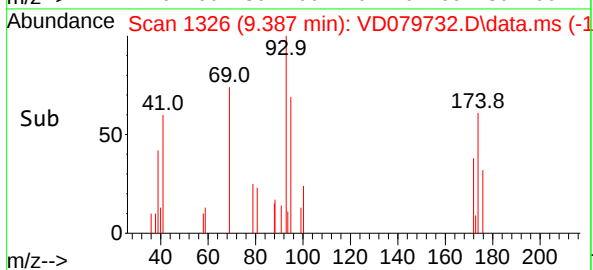
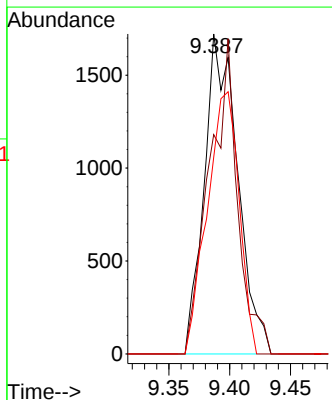
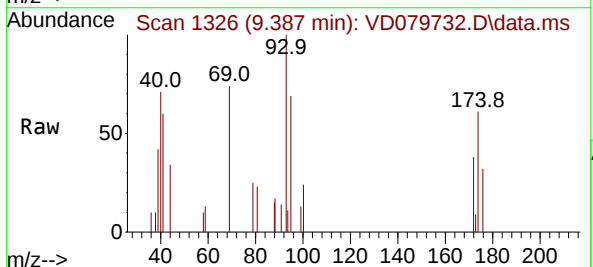
Manual Integrations
APPROVED

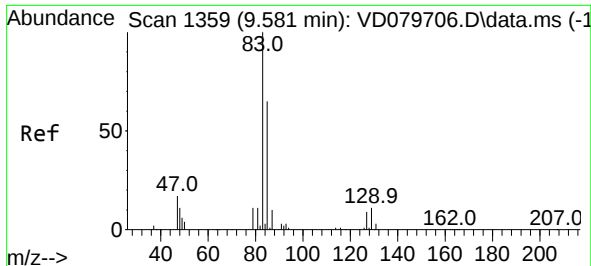
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#46
Dibromomethane
Concen: 2.673 ug/l
RT: 9.387 min Scan# 1326
Delta R.T. -0.006 min
Lab File: VD079732.D
Acq: 14 Aug 2024 12:48

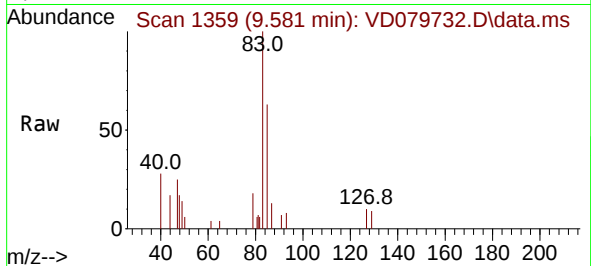
Tgt Ion: 93 Resp: 3274
Ion Ratio Lower Upper
93 100
95 83.9 65.6 98.4
174 78.4 82.3 123.5





#47
Bromodichloromethane
Concen: 2.557 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VD079732.D
Acq: 14 Aug 2024 12:48

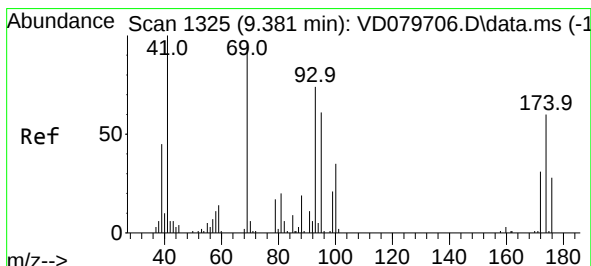
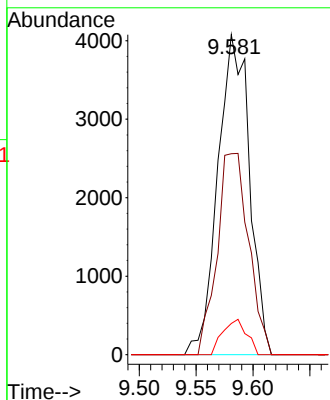
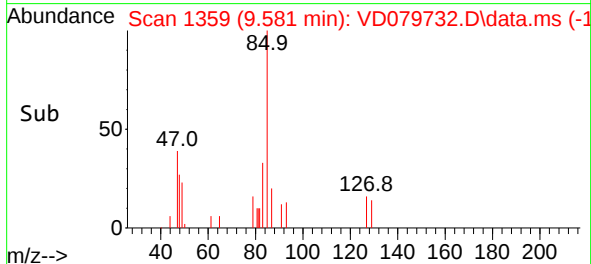
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT3-2024



Tgt Ion: 83 Resp: 789
Ion Ratio Lower Upper
83 100
85 62.8 50.1 75.1
127 9.7 6.8 10.2

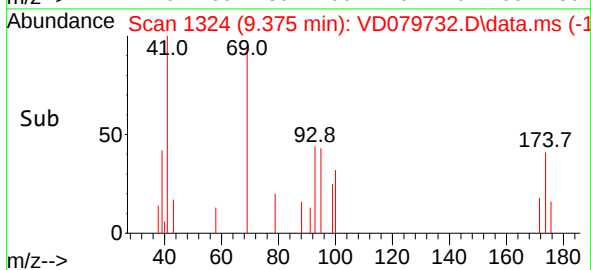
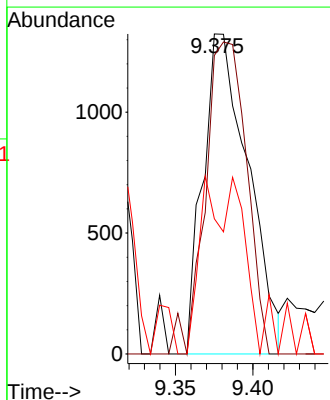
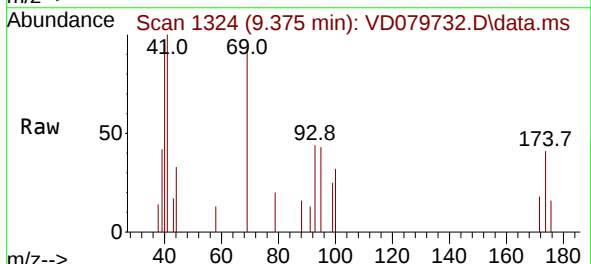
Manual Integrations
APPROVED

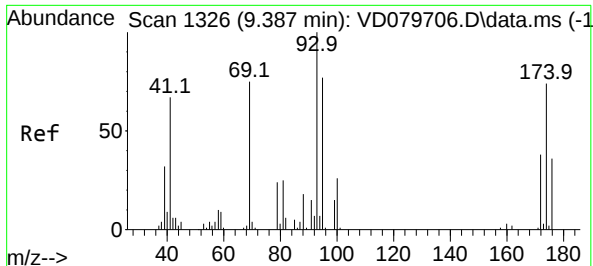
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#48
Methyl methacrylate
Concen: 2.445 ug/l
RT: 9.375 min Scan# 1324
Delta R.T. -0.006 min
Lab File: VD079732.D
Acq: 14 Aug 2024 12:48

Tgt Ion: 41 Resp: 2682
Ion Ratio Lower Upper
41 100
69 89.3 96.7 145.1#
39 27.7 43.8 65.6#





#49

1,4-Dioxane

Concen: 52.656 ug/l m

RT: 9.387 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD079732.D

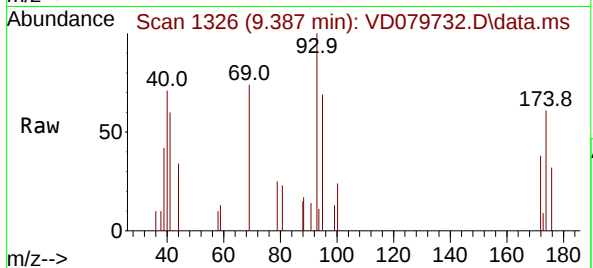
Acq: 14 Aug 2024 12:48

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT3-2024



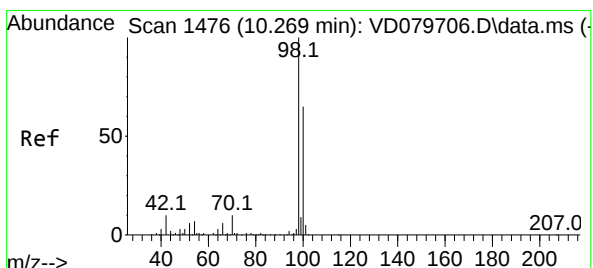
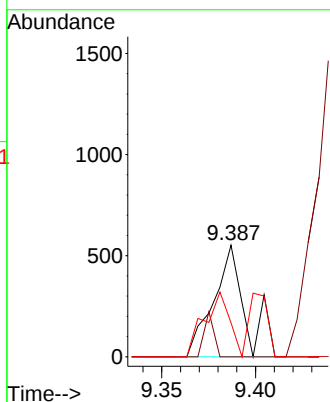
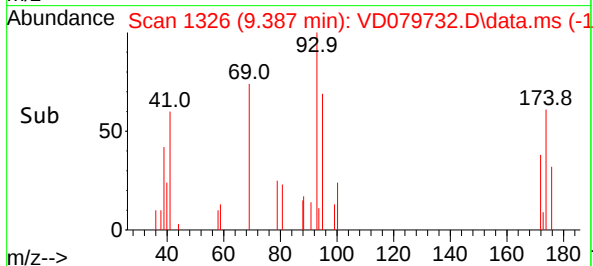
Tgt Ion: 88	Resp: 649
Ion Ratio	Lower Upper
88	100
43	0.0 21.5 32.3
58	46.1 42.2 63.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/15/2024

Supervised By :Semsettin Yesilyurt 08/15/2024



#50

Toluene-d8

Concen: 48.448 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD079732.D

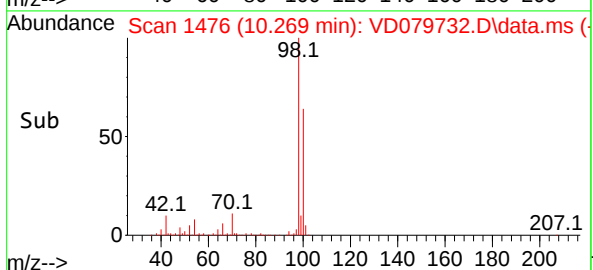
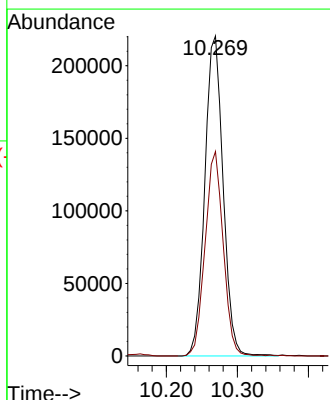
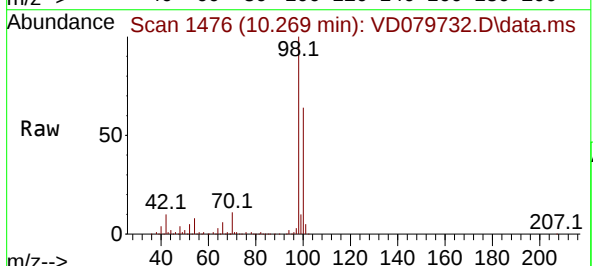
Acq: 14 Aug 2024 12:48

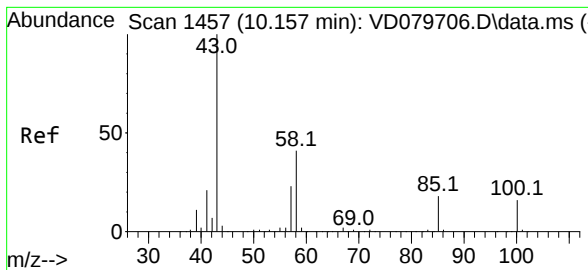
Tgt Ion: 98 Resp: 394723

Ion Ratio Lower Upper

98 100

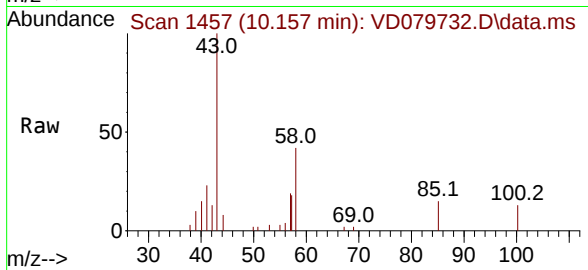
100 63.4 51.6 77.4





#51
4-Methyl-2-Pentanone
Concen: 12.926 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD079732.D
Acq: 14 Aug 2024 12:48

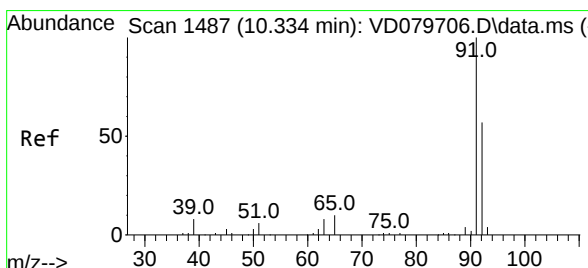
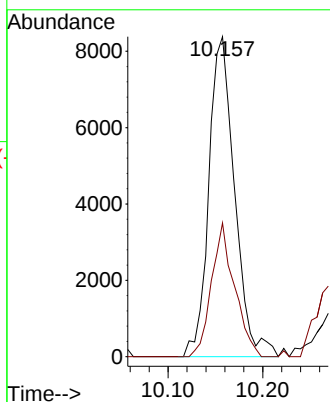
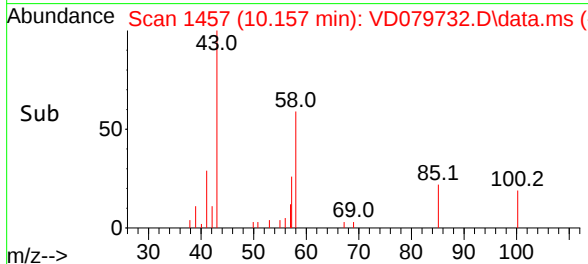
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2024



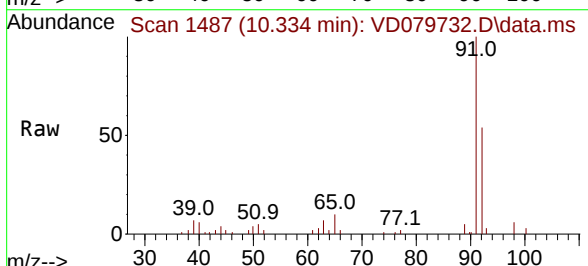
Tgt Ion: 43 Resp: 15860
Ion Ratio Lower Upper
43 100
58 37.4 36.6 55.0

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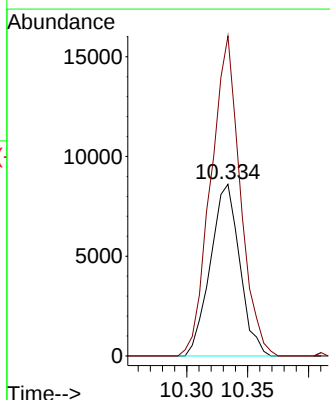
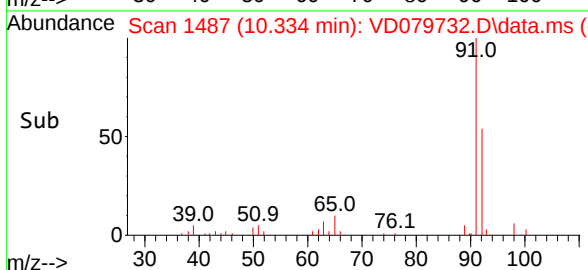
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024

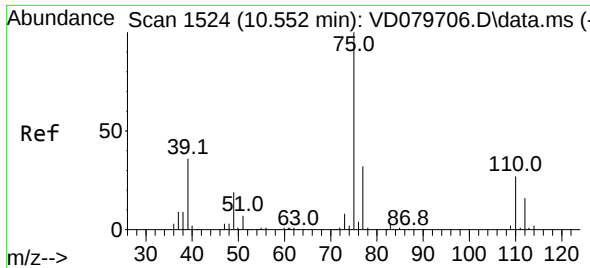


#52
Toluene
Concen: 2.451 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD079732.D
Acq: 14 Aug 2024 12:48



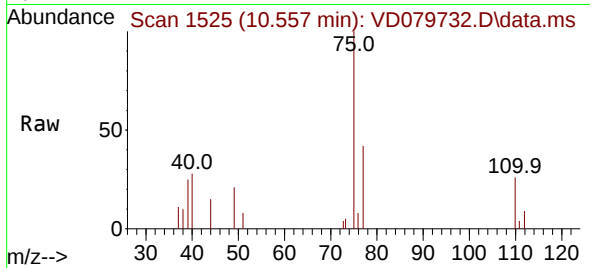
Tgt Ion: 92 Resp: 14445
Ion Ratio Lower Upper
92 100
91 186.8 141.7 212.5





#53
 t-1,3-Dichloropropene
 Concen: 2.599 ug/l
 RT: 10.557 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VD079732.D
 Acq: 14 Aug 2024 12:48

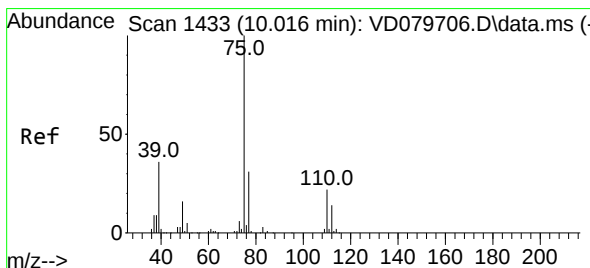
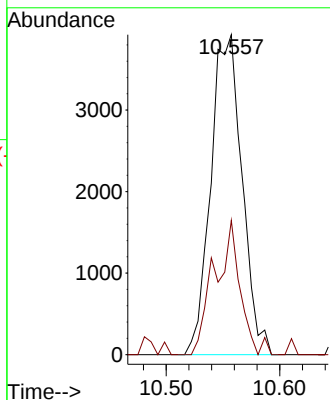
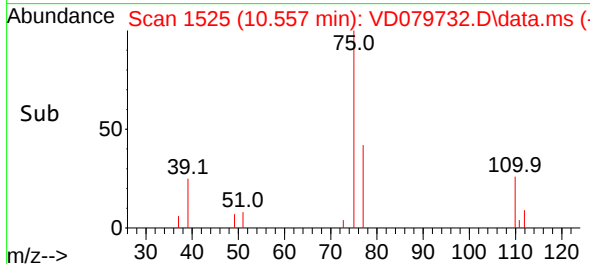
Instrument :
 MSVOA_D
 ClientSampleId :
 MDL-SOIL-03-QT3-2024



Tgt Ion: 75 Resp: 750
 Ion Ratio Lower Upper
 75 100
 77 41.9 25.0 37.6

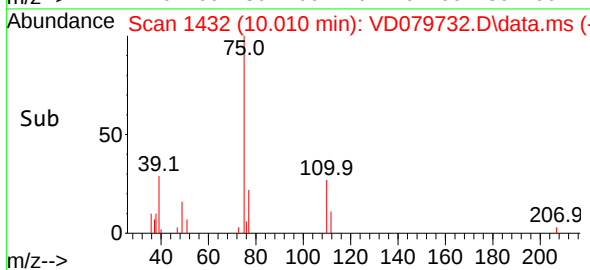
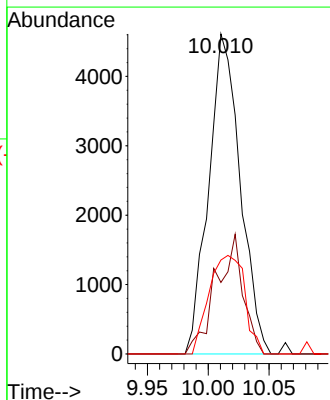
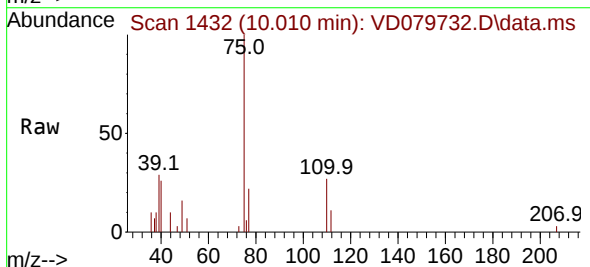
Manual Integrations
 APPROVED

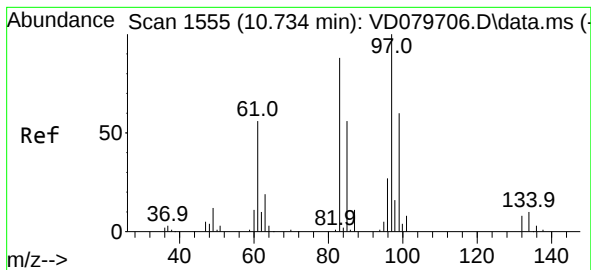
Reviewed By :Mahesh Dadoda 08/15/2024
 Supervised By :Semsettin Yesilyurt 08/15/2024



#54
 cis-1,3-Dichloropropene
 Concen: 2.352 ug/l
 RT: 10.010 min Scan# 1432
 Delta R.T. -0.006 min
 Lab File: VD079732.D
 Acq: 14 Aug 2024 12:48

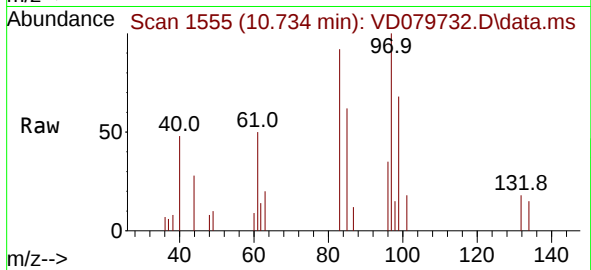
Tgt Ion: 75 Resp: 8331
 Ion Ratio Lower Upper
 75 100
 77 22.3 24.4 36.6#
 39 29.3 24.2 36.2





#55
1,1,2-Trichloroethane
Concen: 2.846 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD079732.D
Acq: 14 Aug 2024 12:48

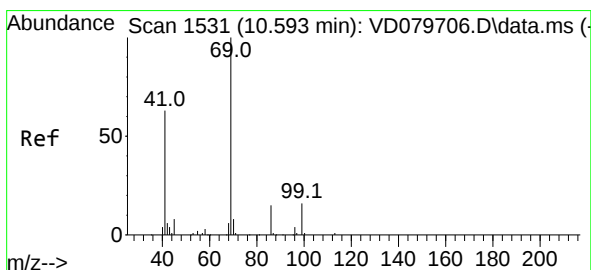
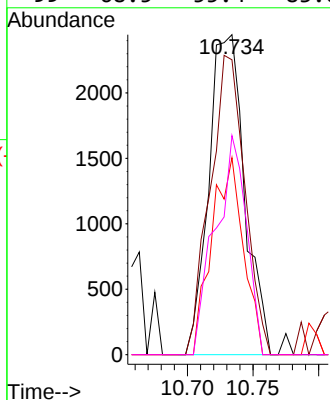
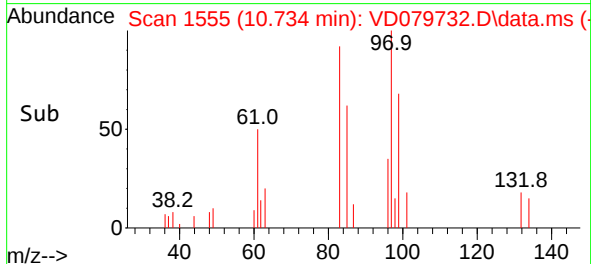
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT3-2024



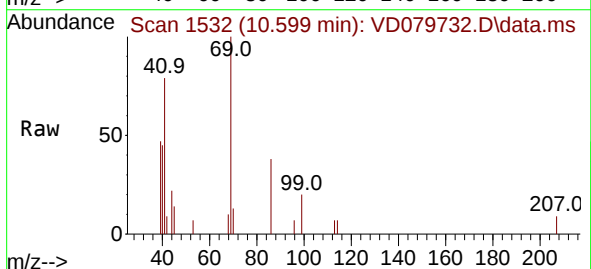
Tgt Ion	Ratio	Lower	Upper
97	100		
83	92.1	65.8	98.8
85	61.6	43.8	65.8
99	68.5	55.4	83.0

Manual Integrations
APPROVED

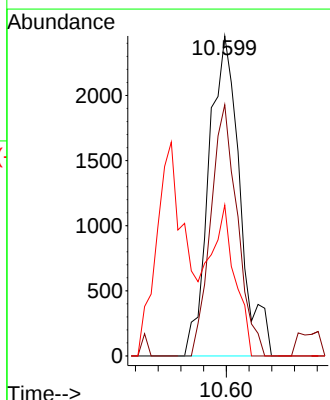
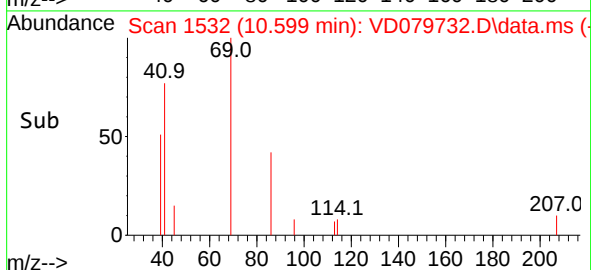
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024

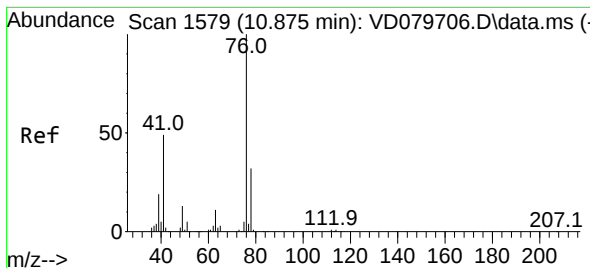


#56
Ethyl methacrylate
Concen: 2.336 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.006 min
Lab File: VD079732.D
Acq: 14 Aug 2024 12:48



Tgt Ion	Ratio	Lower	Upper
69	100		
41	67.7	39.8	59.6#
39	38.9	20.2	30.4#





#57

1,3-Dichloropropane

Concen: 2.608 ug/l

RT: 10.875 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD079732.D

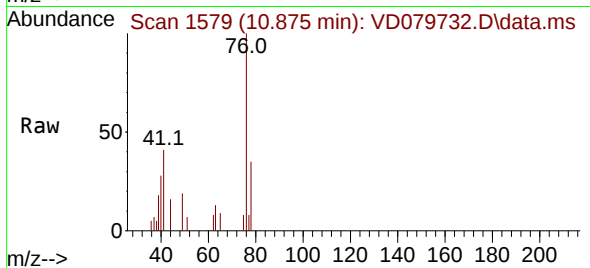
Acq: 14 Aug 2024 12:48

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT3-2024



Tgt Ion: 76 Resp: 7339

Ion Ratio Lower Upper

76 100

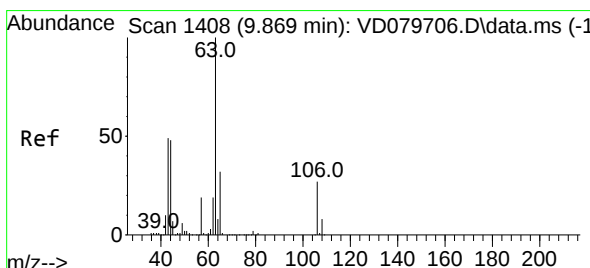
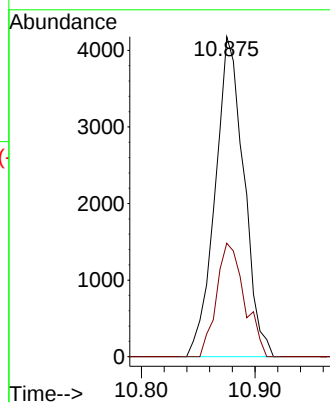
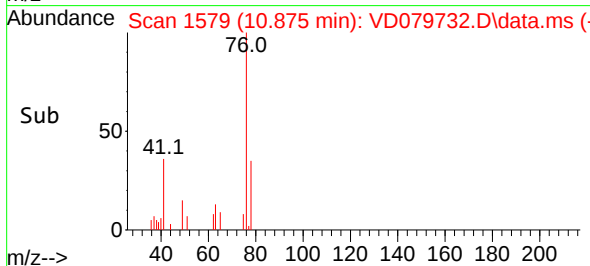
78 34.4 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/15/2024

Supervised By :Semsettin Yesilyurt 08/15/2024



#58

2-Chloroethyl Vinyl ether

Concen: 13.583 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD079732.D

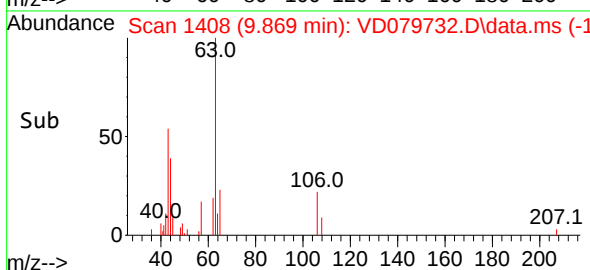
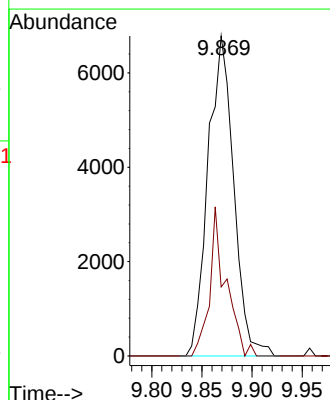
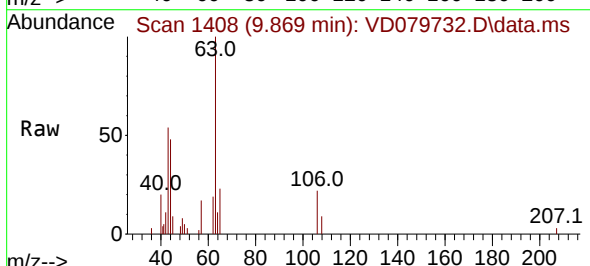
Acq: 14 Aug 2024 12:48

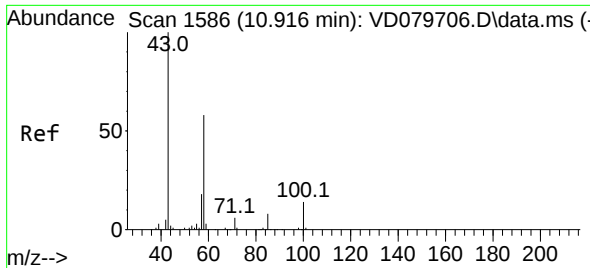
Tgt Ion: 63 Resp: 12092

Ion Ratio Lower Upper

63 100

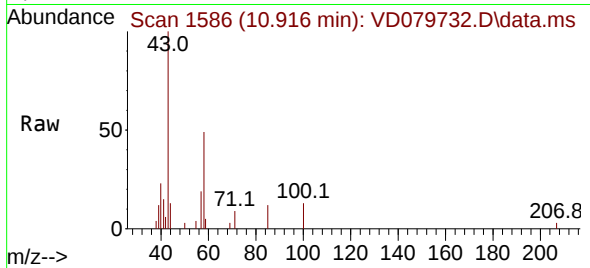
106 29.4 26.4 39.6





#59
2-Hexanone
Concen: 11.863 ug/l
RT: 10.916 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VD079732.D
Acq: 14 Aug 2024 12:48

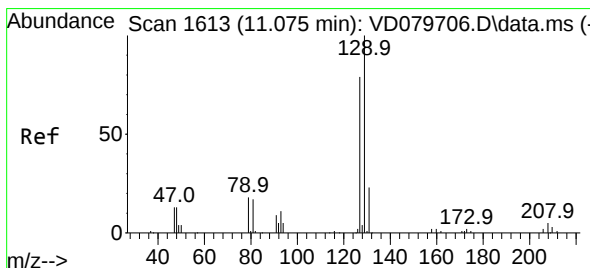
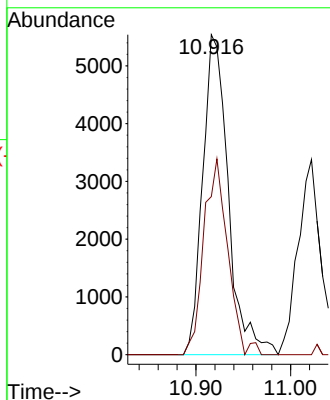
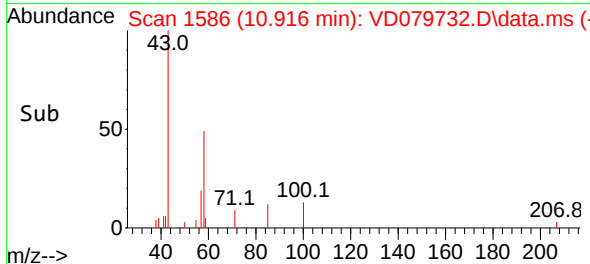
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion: 43 Resp: 1041
Ion Ratio Lower Upper
43 100
58 57.4 31.1 93.5

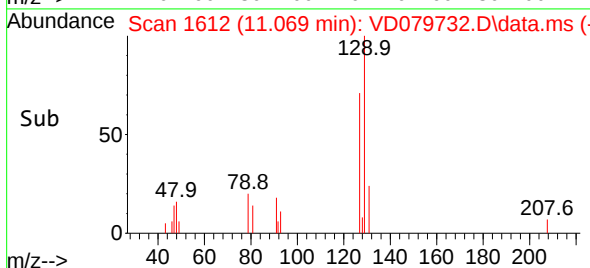
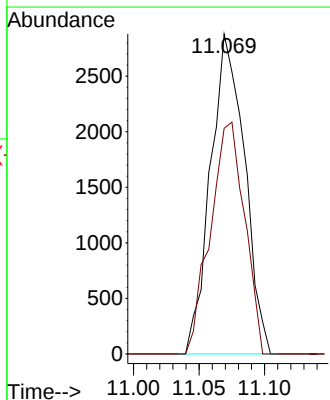
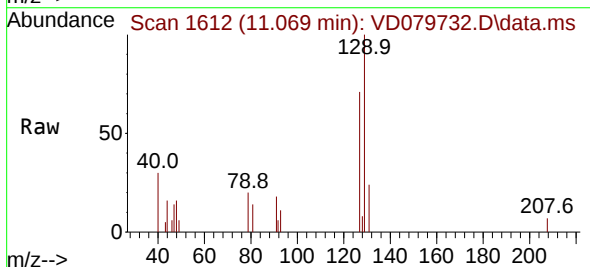
Manual Integrations
APPROVED

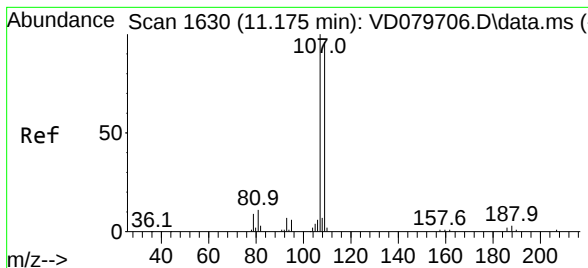
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#60
Dibromochloromethane
Concen: 2.577 ug/l
RT: 11.069 min Scan# 1612
Delta R.T. -0.006 min
Lab File: VD079732.D
Acq: 14 Aug 2024 12:48

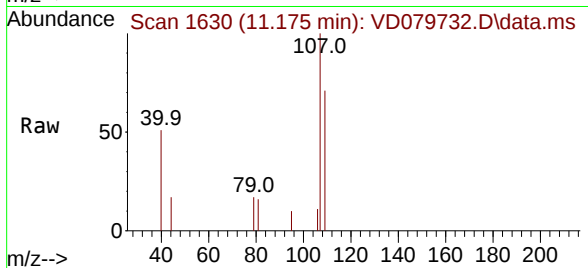
Tgt Ion:129 Resp: 5184
Ion Ratio Lower Upper
129 100
127 73.0 38.0 113.9





#61
1,2-Dibromoethane
Concen: 2.598 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VD079732.D
Acq: 14 Aug 2024 12:48

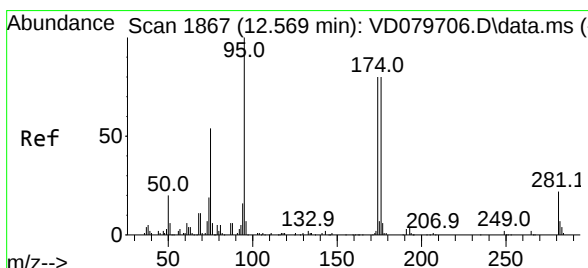
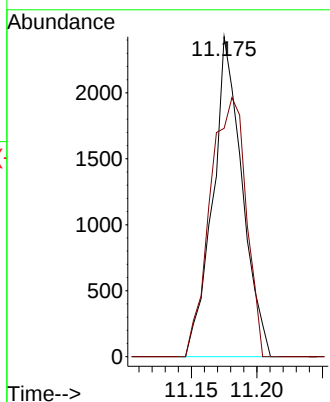
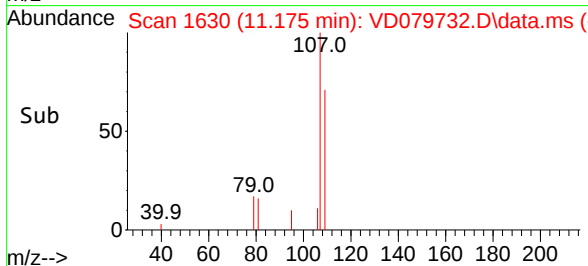
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT3-2024



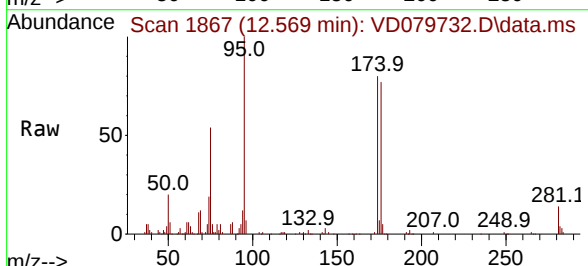
Tgt Ion:107 Resp: 3760
Ion Ratio Lower Upper
107 100
109 99.5 72.0 108.0

Manual Integrations
APPROVED

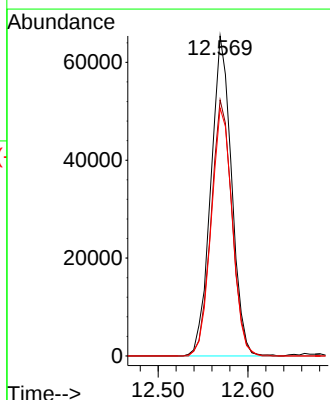
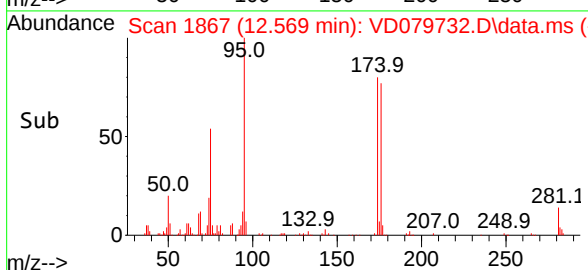
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024

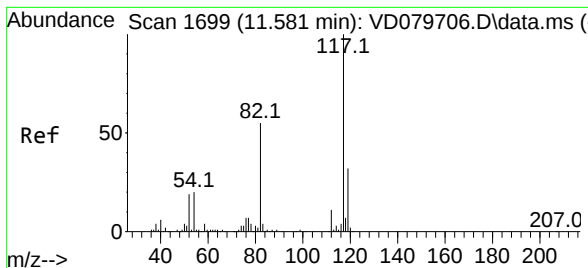


#62
4-Bromofluorobenzene
Concen: 46.059 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD079732.D
Acq: 14 Aug 2024 12:48



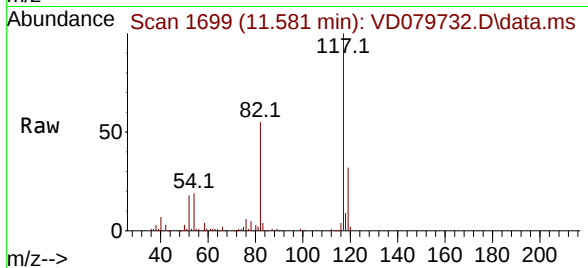
Tgt Ion: 95 Resp: 105070
Ion Ratio Lower Upper
95 100
174 80.5 0.0 195.4
176 78.3 0.0 192.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD079732.D
Acq: 14 Aug 2024 12:48

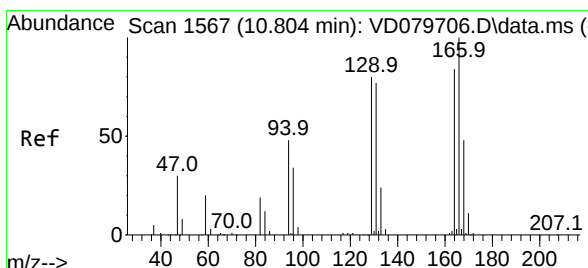
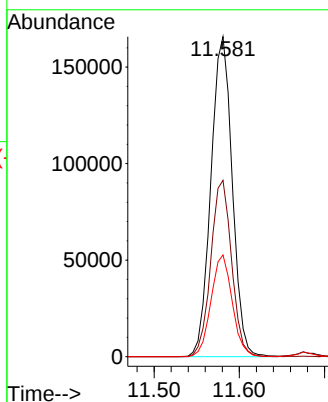
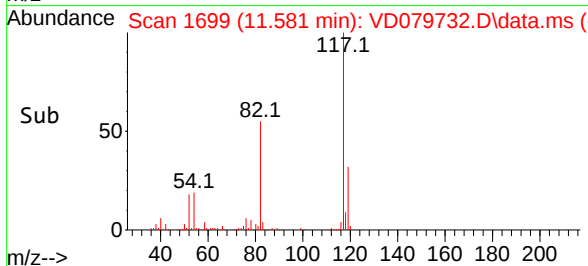
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion:117 Resp: 288339
Ion Ratio Lower Upper
117 100
82 55.1 39.8 59.6
119 31.8 25.7 38.5

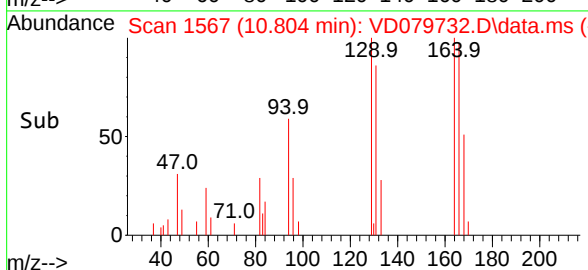
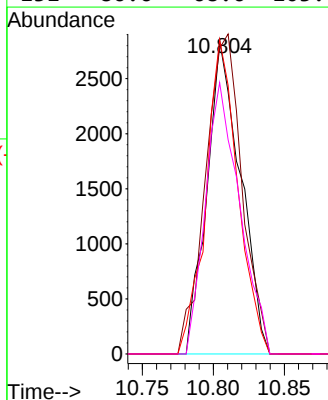
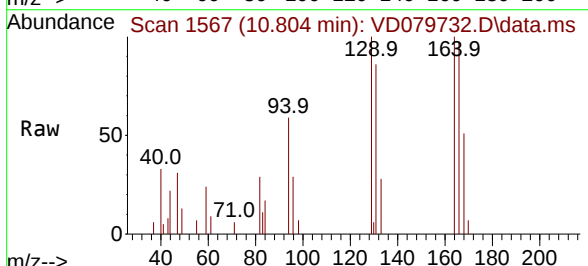
Manual Integrations
APPROVED

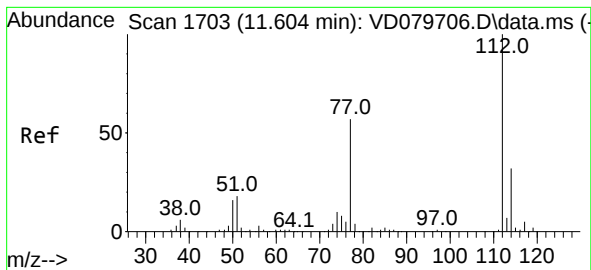
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#64
Tetrachloroethene
Concen: 2.648 ug/l
RT: 10.804 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VD079732.D
Acq: 14 Aug 2024 12:48

Tgt Ion:164 Resp: 4665
Ion Ratio Lower Upper
164 100
166 97.5 108.6 163.0#
129 100.4 74.6 112.0
131 86.6 68.6 103.0





#65

Chlorobenzene

Concen: 2.572 ug/l

RT: 11.610 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD079732.D

Acq: 14 Aug 2024 12:48

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT3-2024

Tgt Ion:112 Resp: 1628

Ion Ratio Lower Upper

112 100

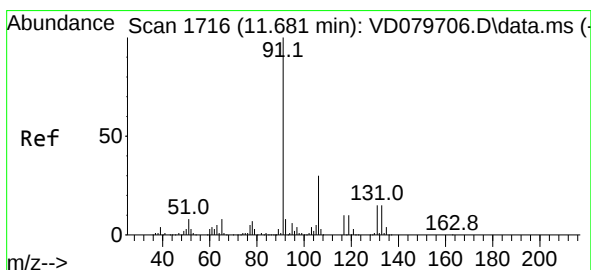
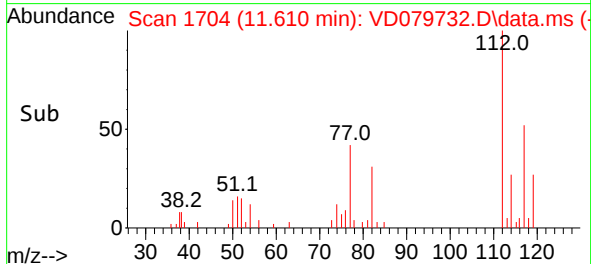
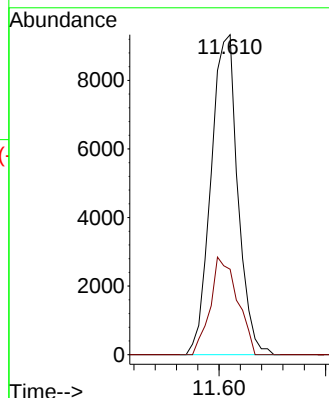
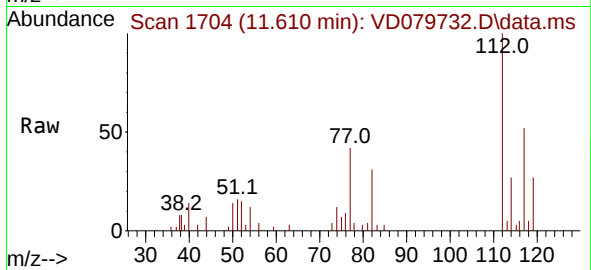
114 26.7 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/15/2024

Supervised By :Semsettin Yesilyurt 08/15/2024



#66

1,1,1,2-Tetrachloroethane

Concen: 2.654 ug/l

RT: 11.675 min Scan# 1715

Delta R.T. -0.006 min

Lab File: VD079732.D

Acq: 14 Aug 2024 12:48

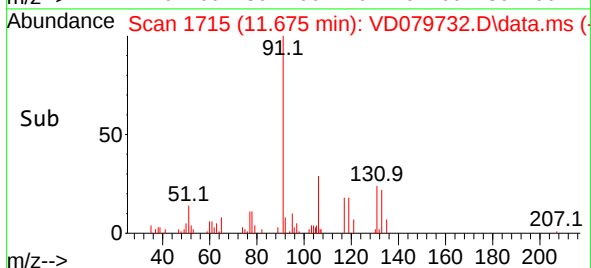
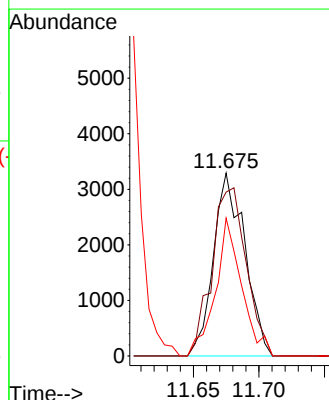
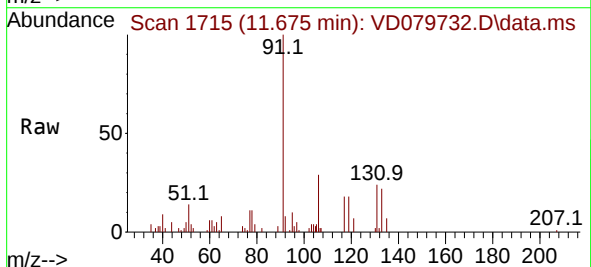
Tgt Ion:131 Resp: 5479

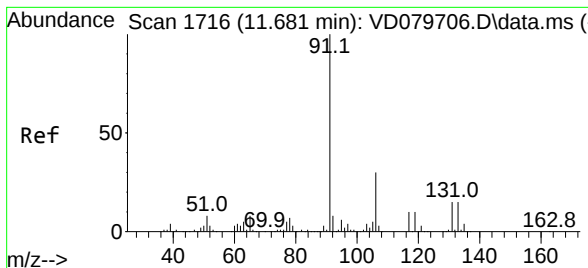
Ion Ratio Lower Upper

131 100

133 100.7 49.2 147.6

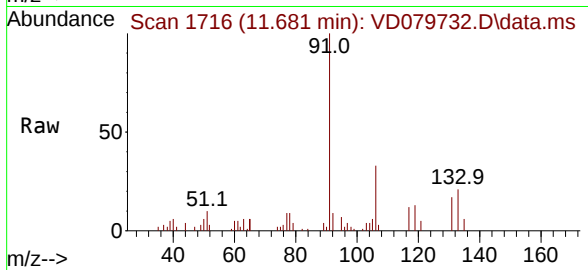
119 63.0 33.4 100.2





#67
Ethyl Benzene
Concen: 2.258 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD079732.D
Acq: 14 Aug 2024 12:48

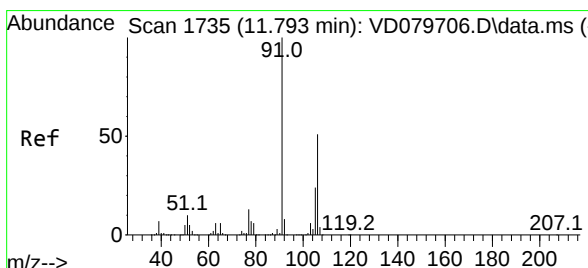
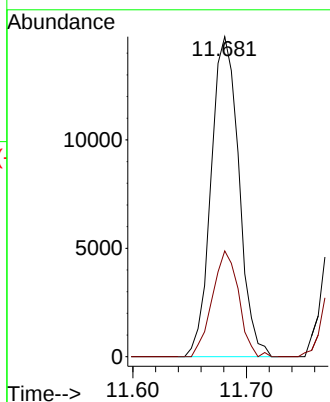
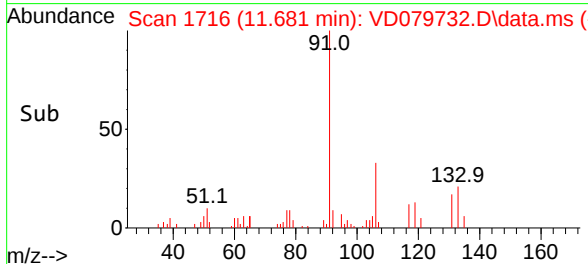
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT3-2024



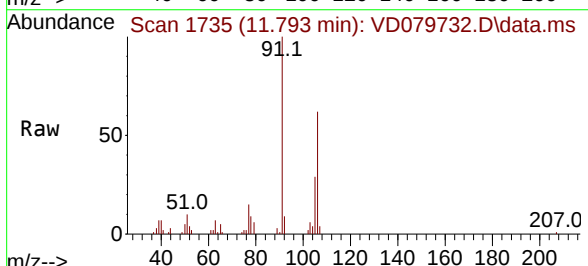
Tgt Ion: 91 Resp: 2508
Ion Ratio Lower Upper
91 100
106 33.1 25.8 38.6

Manual Integrations
APPROVED

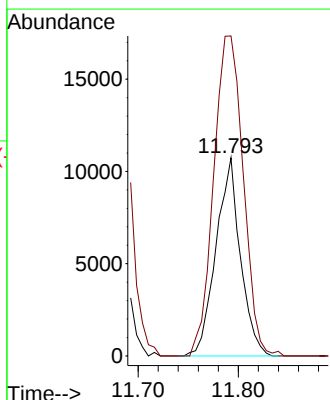
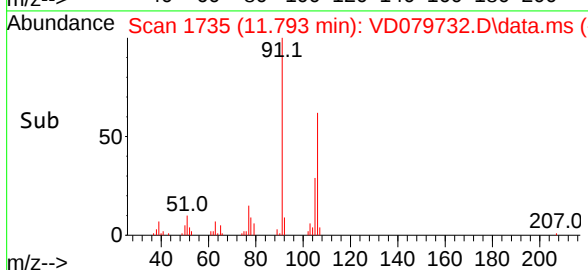
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024

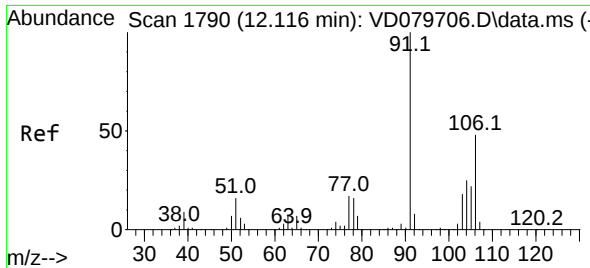


#68
m/p-Xylenes
Concen: 4.197 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD079732.D
Acq: 14 Aug 2024 12:48



Tgt Ion:106 Resp: 18133
Ion Ratio Lower Upper
106 100
91 195.6 148.5 222.7





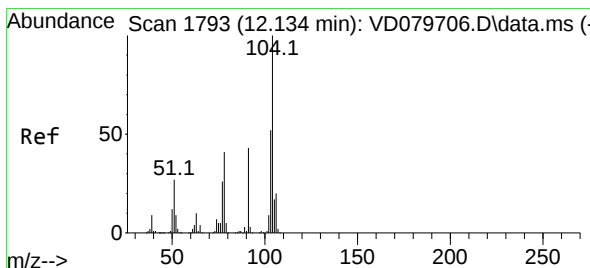
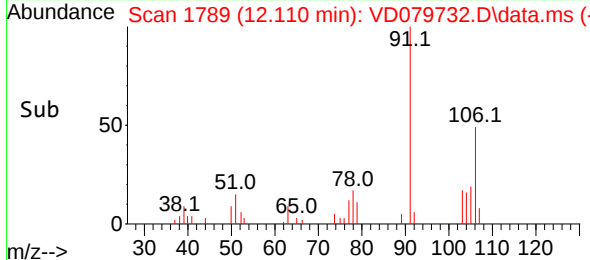
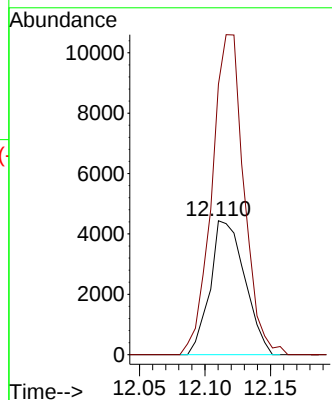
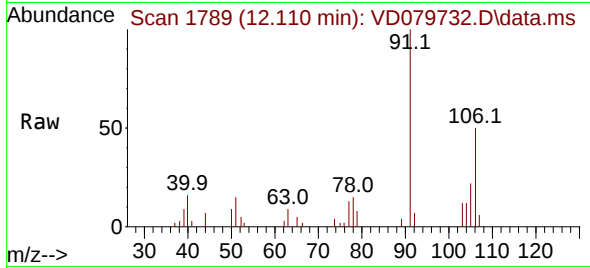
#69
o-Xylene
Concen: 2.058 ug/l
RT: 12.110 min Scan# 1789
Delta R.T. -0.006 min
Lab File: VD079732.D
Acq: 14 Aug 2024 12:48

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

Tgt Ion:106 Resp: 812
Ion Ratio Lower Upper
106 100
91 222.4 96.7 290.1

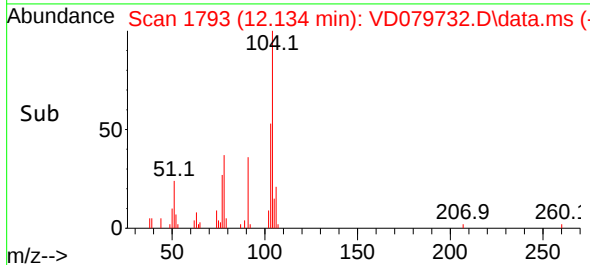
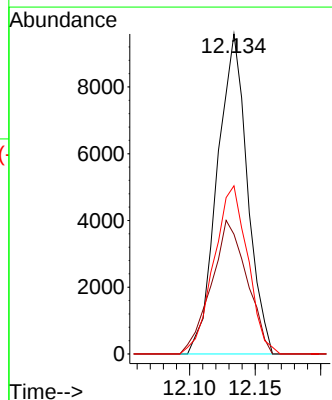
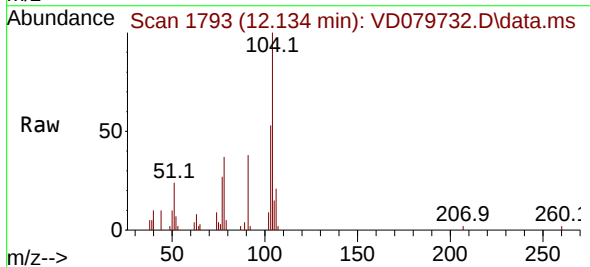
Manual Integrations
APPROVED

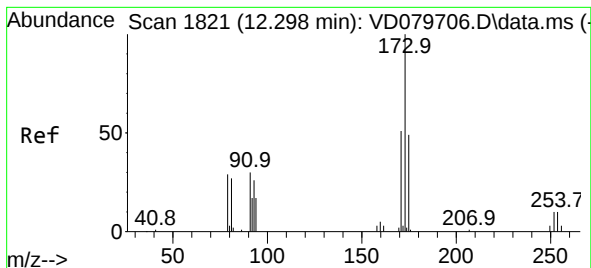
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#70
Styrene
Concen: 2.207 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD079732.D
Acq: 14 Aug 2024 12:48

Tgt Ion:104 Resp: 15285
Ion Ratio Lower Upper
104 100
78 49.4 33.0 49.6
103 59.2 44.2 66.4





#71

Bromoform

Concen: 2.358 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. -0.000 min

Lab File: VD079732.D

Acq: 14 Aug 2024 12:48

Instrument :

MSVOA_D

ClientSampleId :

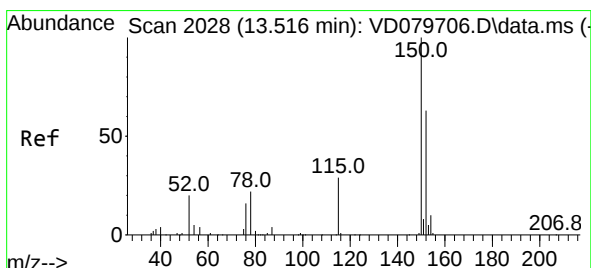
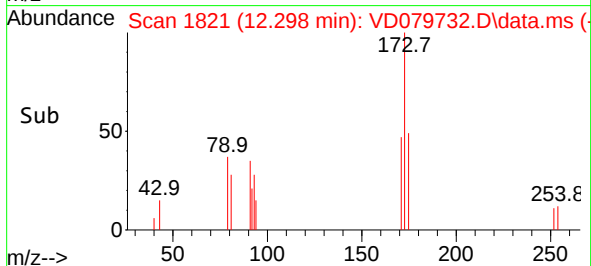
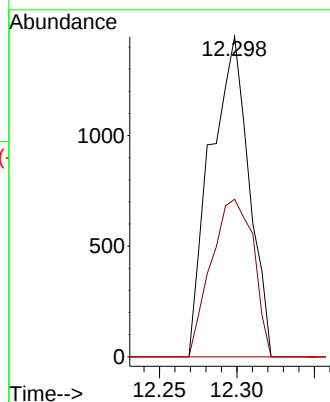
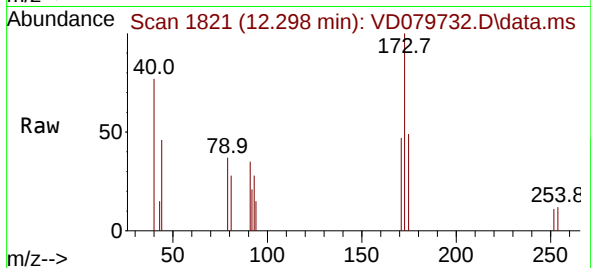
MDL-SOIL-03-QT3-2024

Tgt Ion:	173	Resp:	250
Ion Ratio	Lower	Upper	
173	100		
175	53.9	23.7	71.1
254	0.0	0.0	0.0

Manual Integrations

APPROVED

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

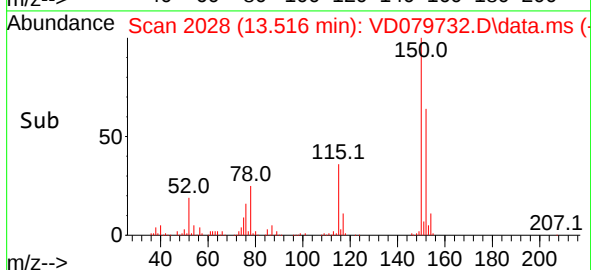
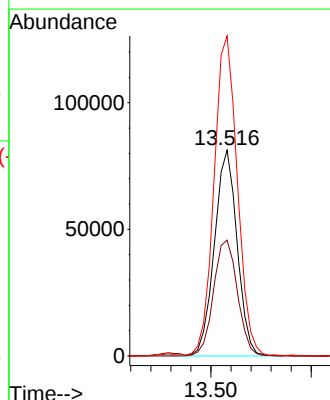
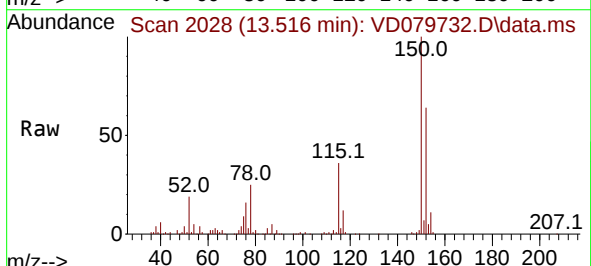
RT: 13.516 min Scan# 2028

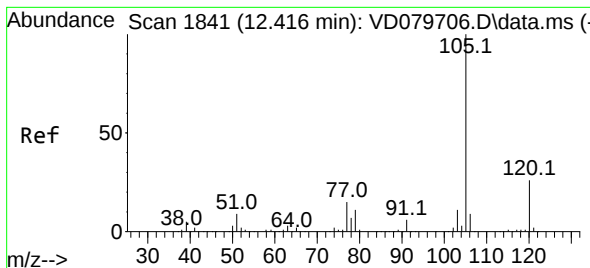
Delta R.T. -0.000 min

Lab File: VD079732.D

Acq: 14 Aug 2024 12:48

Tgt Ion:	152	Resp:	127802
Ion Ratio	Lower	Upper	
152	100		
115	59.3	26.5	79.5
150	158.7	0.0	341.6





#73

Isopropylbenzene

Concen: 2.330 ug/l

RT: 12.416 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD079732.D

Acq: 14 Aug 2024 12:48

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT3-2024

Tgt Ion:105 Resp: 20908

Ion Ratio Lower Upper

105 100

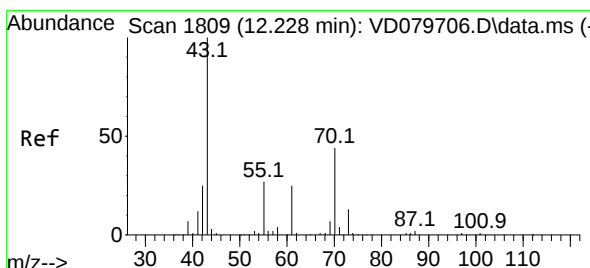
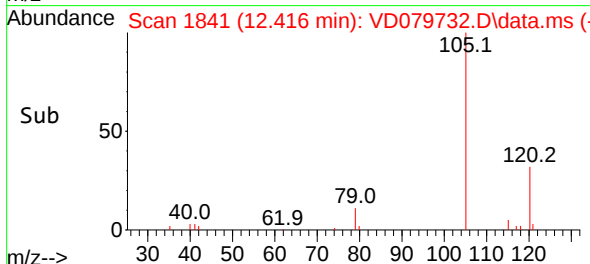
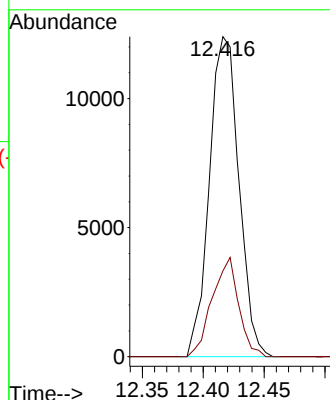
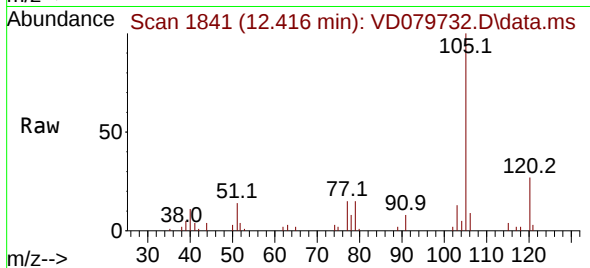
120 27.8 13.6 40.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 08/15/2024

Supervised By :Semsettin Yesilyurt 08/15/2024



#74

N-ethyl acetate

Concen: 2.765 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. 0.006 min

Lab File: VD079732.D

Acq: 14 Aug 2024 12:48

Tgt Ion: 43 Resp: 5527

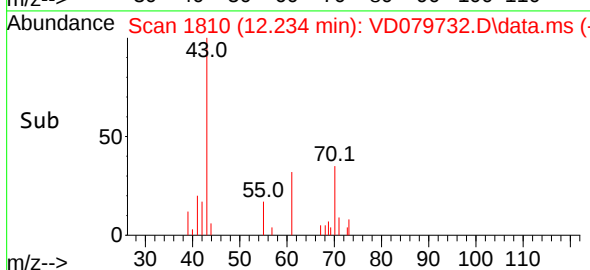
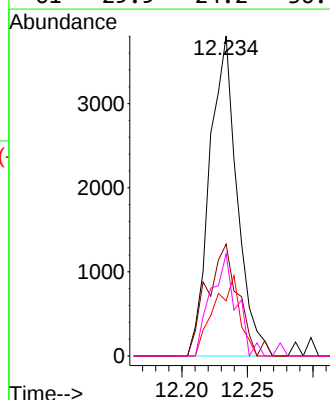
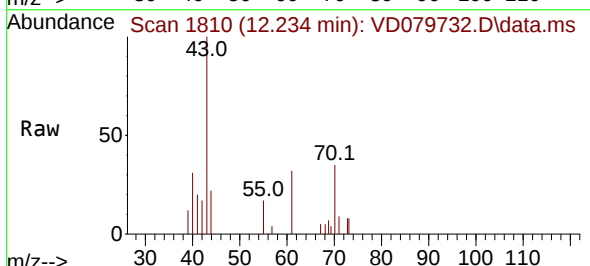
Ion Ratio Lower Upper

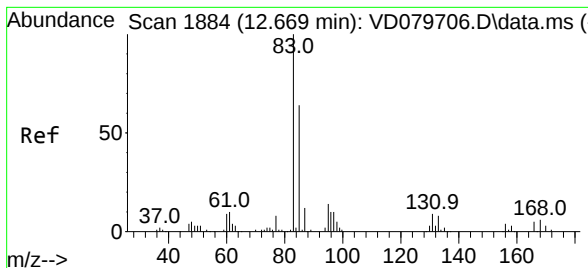
43 100

70 40.1 44.3 66.5

55 23.5 23.2 34.8

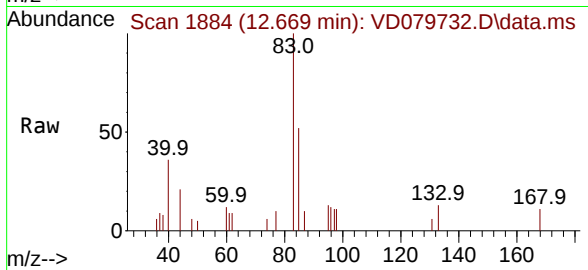
61 29.9 24.2 36.4





#75
1,1,2,2-Tetrachloroethane
Concen: 2.952 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD079732.D
Acq: 14 Aug 2024 12:48

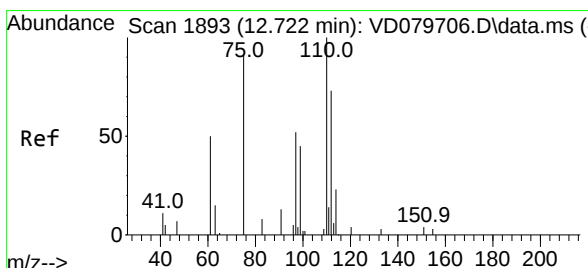
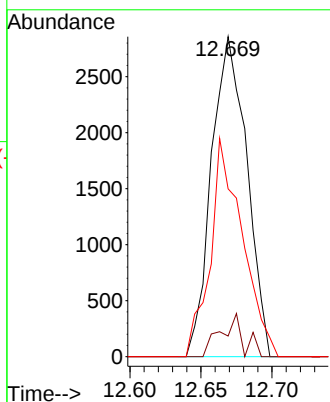
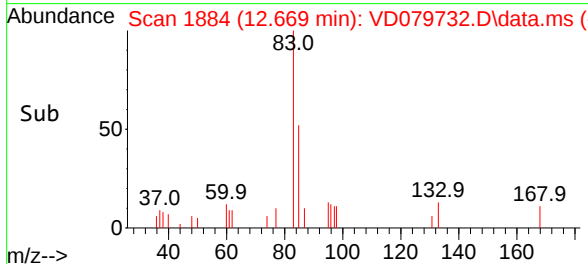
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT3-2024



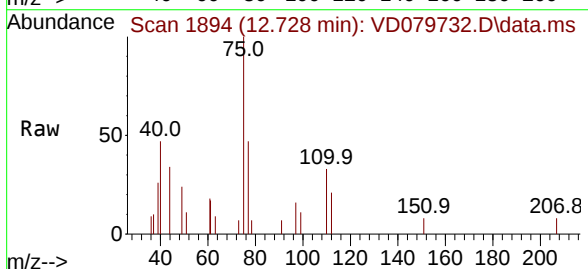
Tgt Ion: 83 Resp: 4940
Ion Ratio Lower Upper
83 100
131 8.6 5.5 16.5
85 61.8 33.8 101.3

Manual Integrations
APPROVED

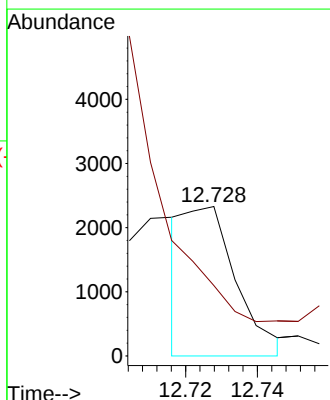
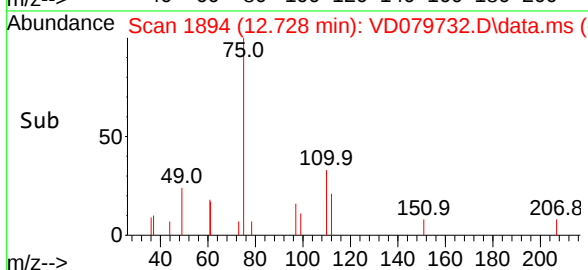
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024

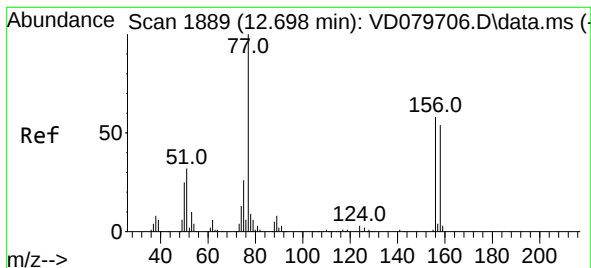


#76
1,2,3-Trichloropropane
Concen: 2.212 ug/l m
RT: 12.728 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VD079732.D
Acq: 14 Aug 2024 12:48



Tgt Ion: 75 Resp: 2305
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 2.859 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. -0.000 min

Lab File: VD079732.D

Acq: 14 Aug 2024 12:48

Instrument :

MSVOA_D

ClientSampleId :

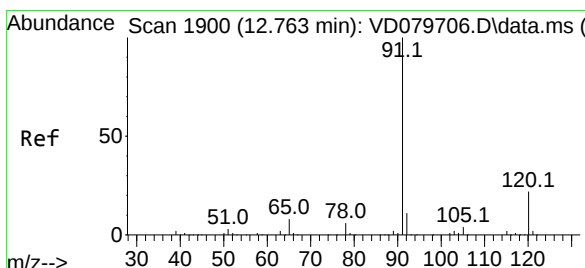
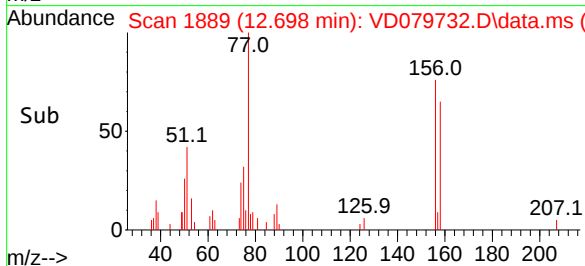
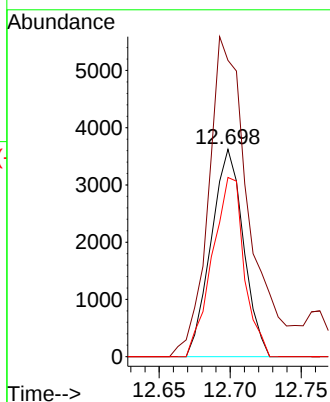
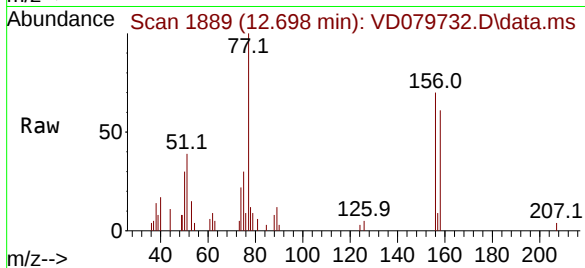
MDL-SOIL-03-QT3-2024

Tgt Ion:	156	Resp:	573
Ion Ratio	Lower	Upper	
156	100		
77	196.1	77.3	231.9
158	85.3	49.6	149.0

Manual Integrations

APPROVED

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



#78

n-propylbenzene

Concen: 2.506 ug/l

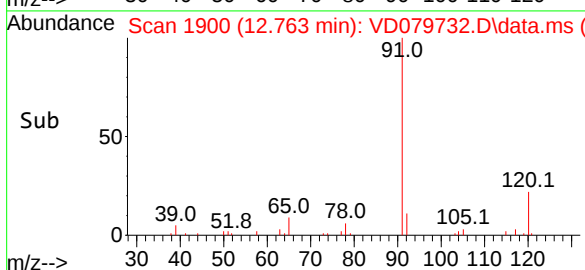
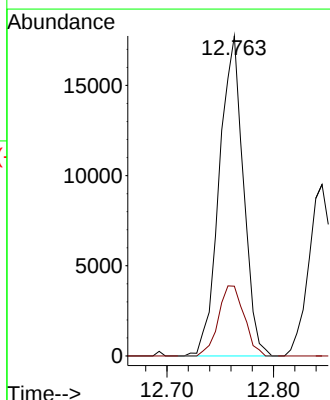
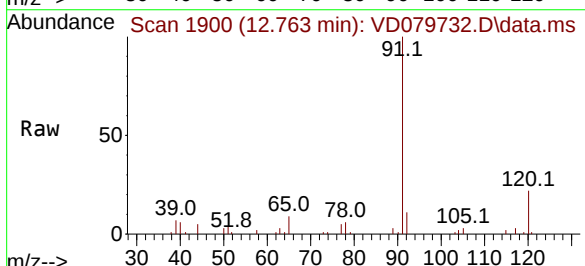
RT: 12.763 min Scan# 1900

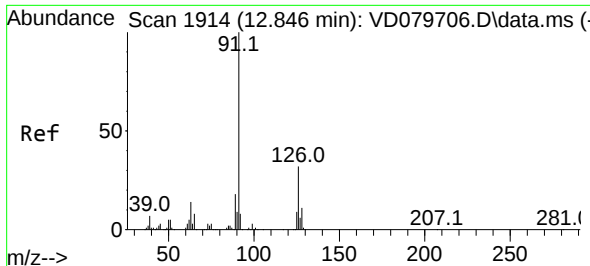
Delta R.T. -0.000 min

Lab File: VD079732.D

Acq: 14 Aug 2024 12:48

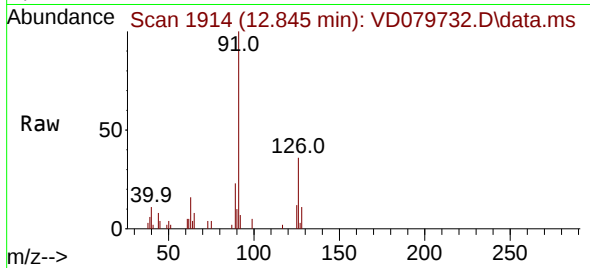
Tgt Ion:	91	Resp:	27821
Ion Ratio	Lower	Upper	
91	100		
120	23.4	12.3	36.8





#79
2-Chlorotoluene
Concen: 2.583 ug/l
RT: 12.845 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VD079732.D
Acq: 14 Aug 2024 12:48

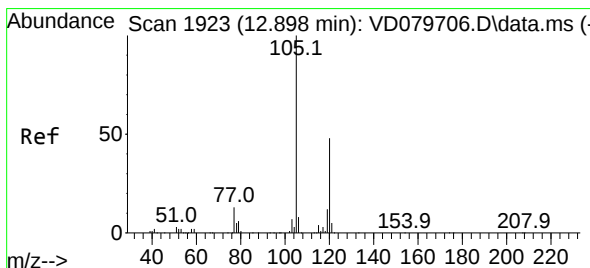
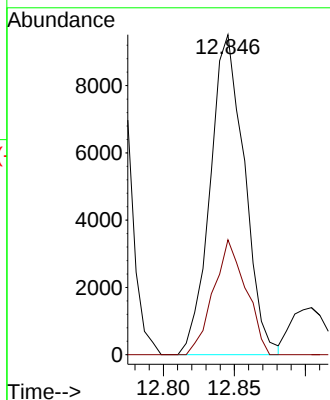
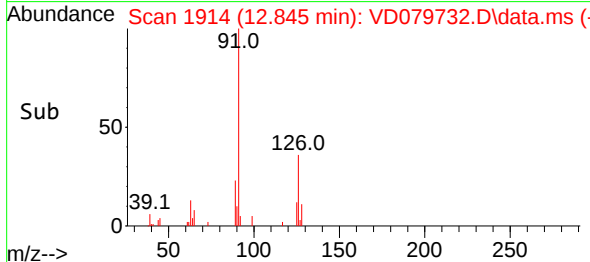
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT3-2024



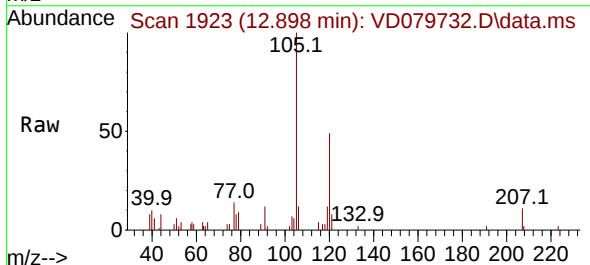
Tgt Ion: 91 Resp: 1597
Ion Ratio Lower Upper
91 100
126 34.1 19.3 57.8

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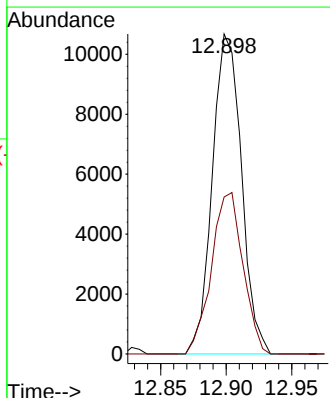
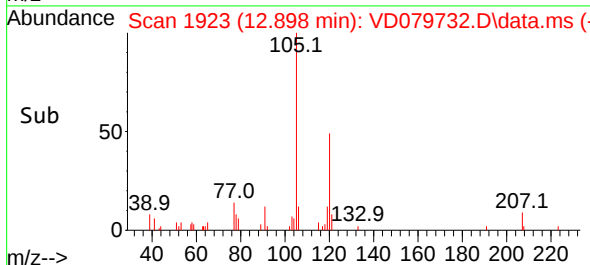
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024

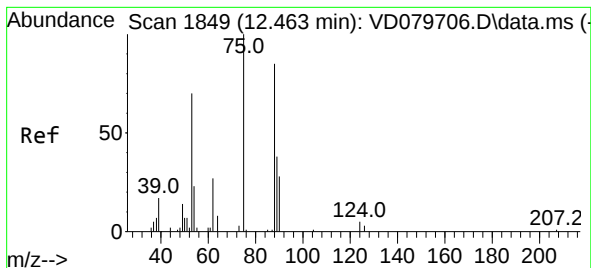


#80
1,3,5-Trimethylbenzene
Concen: 2.217 ug/l
RT: 12.898 min Scan# 1923
Delta R.T. 0.000 min
Lab File: VD079732.D
Acq: 14 Aug 2024 12:48



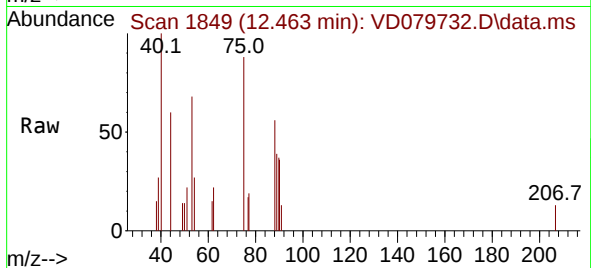
Tgt Ion:105 Resp: 16499
Ion Ratio Lower Upper
105 100
120 54.6 25.7 77.1





#81
trans-1,4-Dichloro-2-butene
Concen: 2.673 ug/l m
RT: 12.463 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VD079732.D
Acq: 14 Aug 2024 12:48

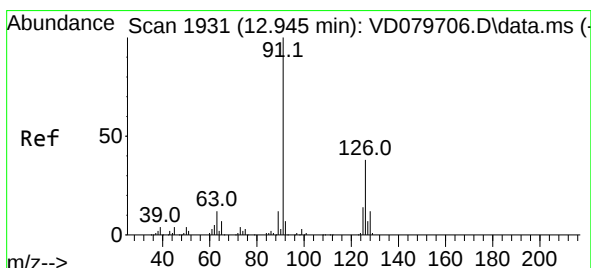
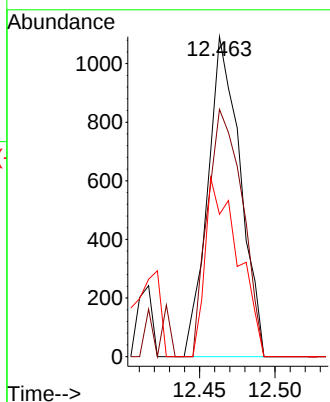
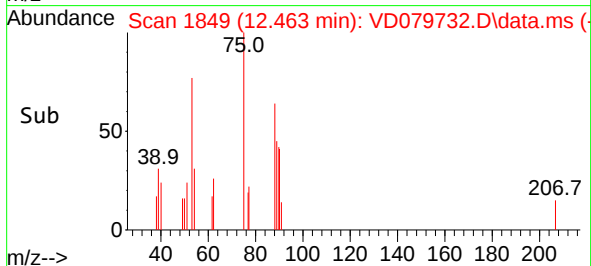
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT3-2024



Tgt Ion: 75 Resp: 1634
Ion Ratio Lower Upper
75 100
53 5.8 61.4 92.2
89 0.0 35.4 53.0

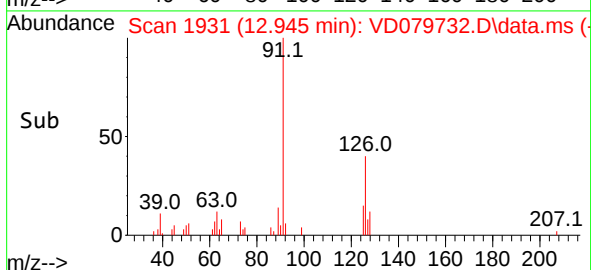
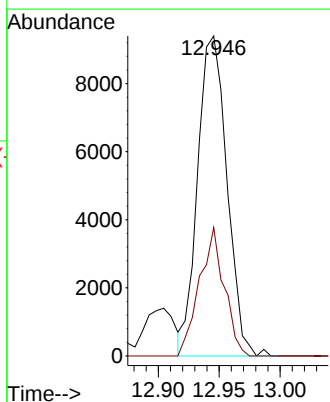
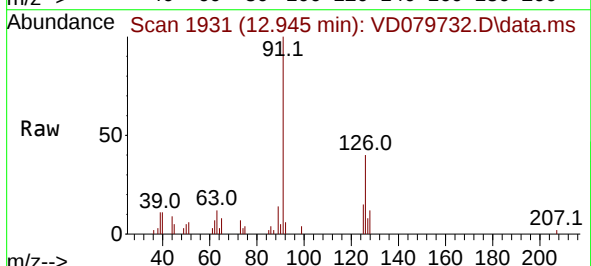
Manual Integrations
APPROVED

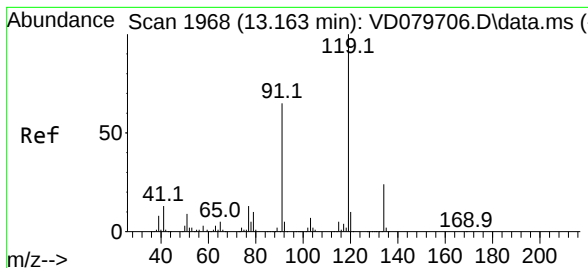
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#82
4-Chlorotoluene
Concen: 2.425 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD079732.D
Acq: 14 Aug 2024 12:48

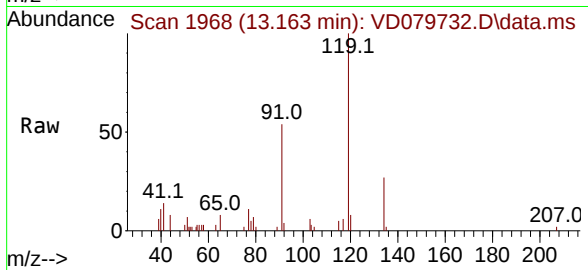
Tgt Ion: 91 Resp: 15767
Ion Ratio Lower Upper
91 100
126 34.0 18.9 56.9





#83
tert-Butylbenzene
Concen: 2.465 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. 0.000 min
Lab File: VD079732.D
Acq: 14 Aug 2024 12:48

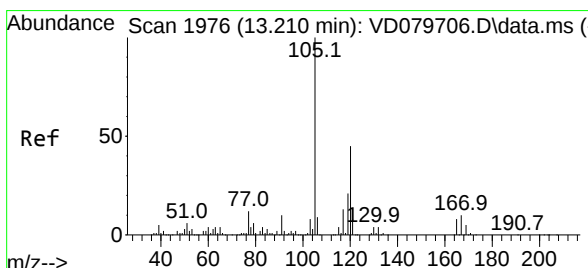
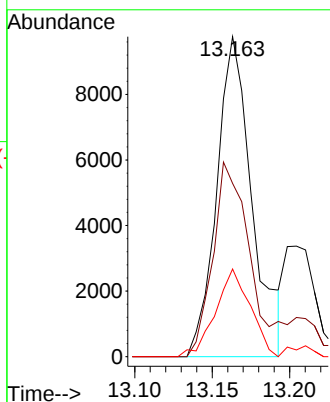
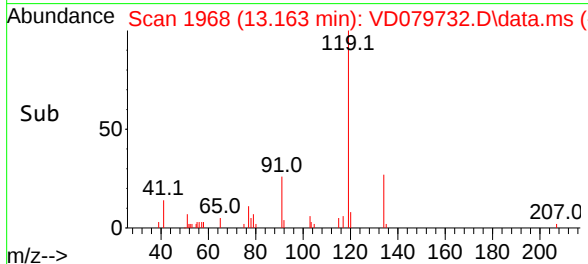
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2024



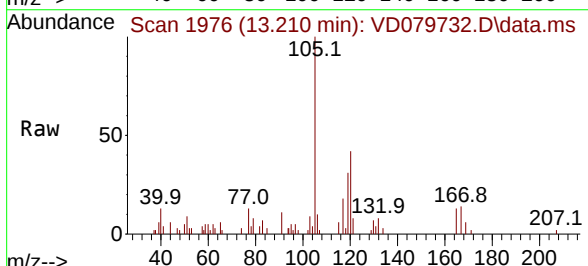
Tgt Ion:119 Resp: 15479
Ion Ratio Lower Upper
119 100
91 60.6 28.2 84.7
134 26.9 13.4 40.1

Manual Integrations
APPROVED

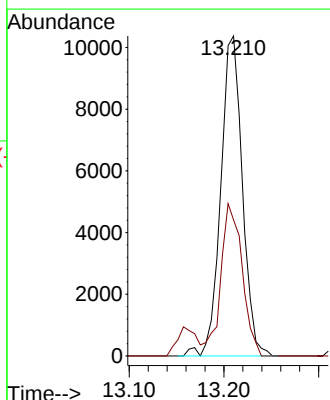
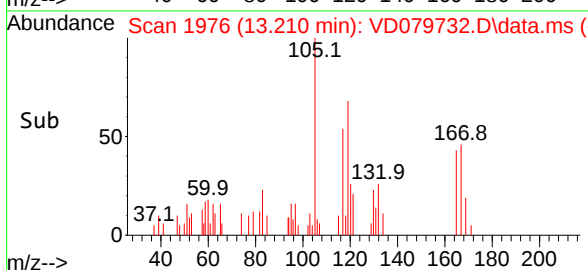
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024

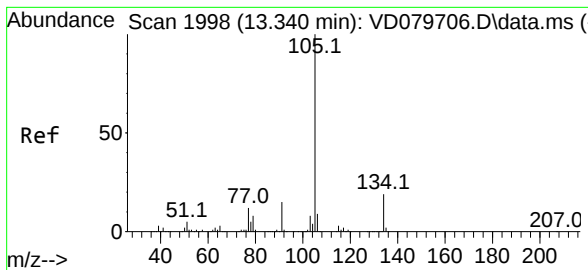


#84
1,2,4-Trimethylbenzene
Concen: 2.164 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD079732.D
Acq: 14 Aug 2024 12:48



Tgt Ion:105 Resp: 16476
Ion Ratio Lower Upper
105 100
120 47.2 23.6 71.0





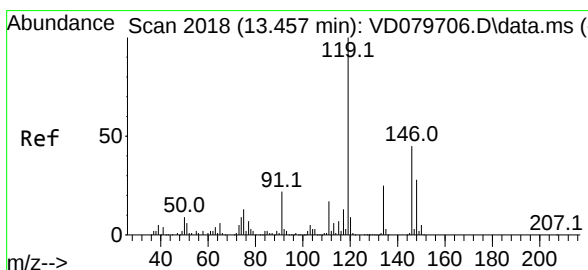
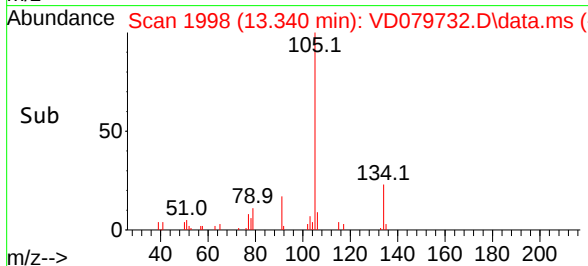
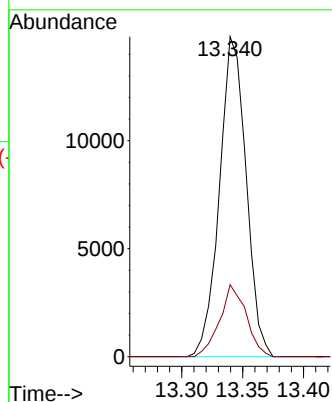
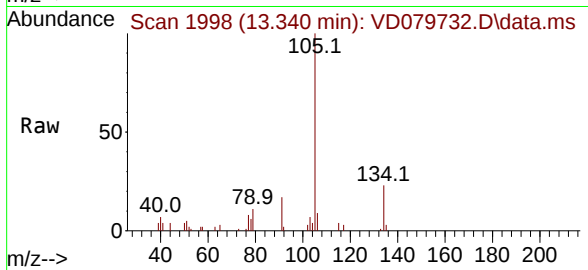
#85
 sec-Butylbenzene
 Concen: 2.332 ug/l
 RT: 13.340 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VD079732.D
 Acq: 14 Aug 2024 12:48

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

Tgt Ion:105 Resp: 2256
 Ion Ratio Lower Upper
 105 100
 134 22.4 10.3 30.8

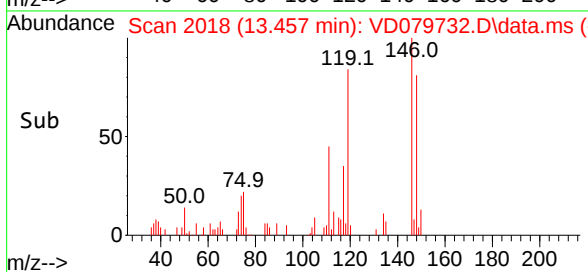
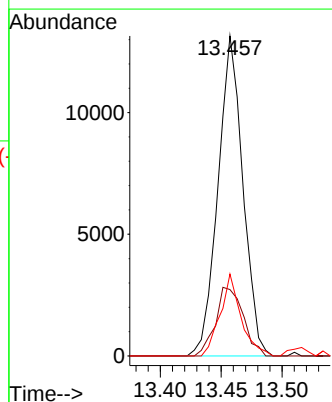
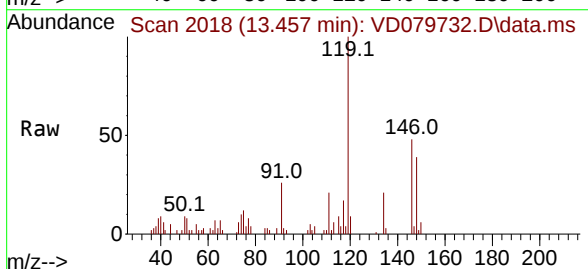
Manual Integrations
 APPROVED

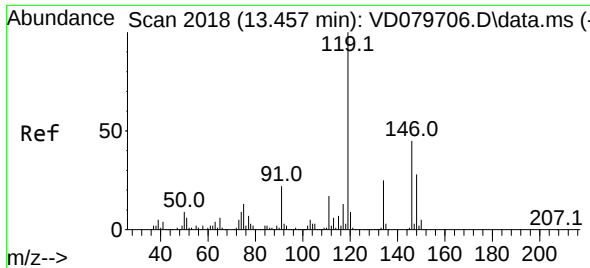
Reviewed By :Mahesh Dadoda 08/15/2024
 Supervised By :Semsettin Yesilyurt 08/15/2024



#86
 p-Isopropyltoluene
 Concen: 2.302 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.000 min
 Lab File: VD079732.D
 Acq: 14 Aug 2024 12:48

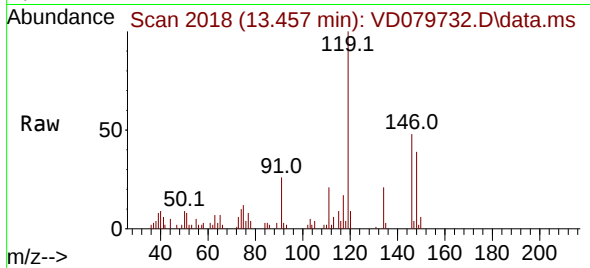
Tgt Ion:119 Resp: 18715
 Ion Ratio Lower Upper
 119 100
 134 23.8 13.7 41.1
 91 21.5 10.7 32.1





#87
1,3-Dichlorobenzene
Concen: 2.530 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD079732.D
Acq: 14 Aug 2024 12:48

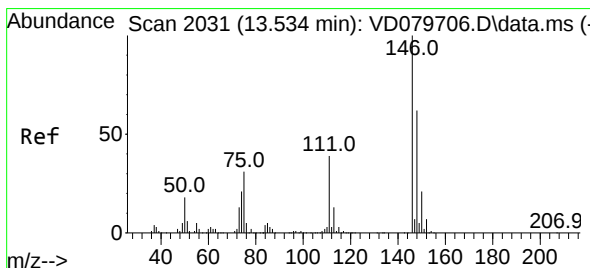
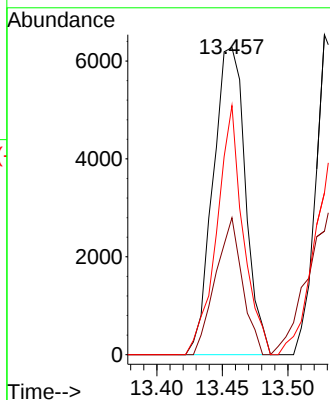
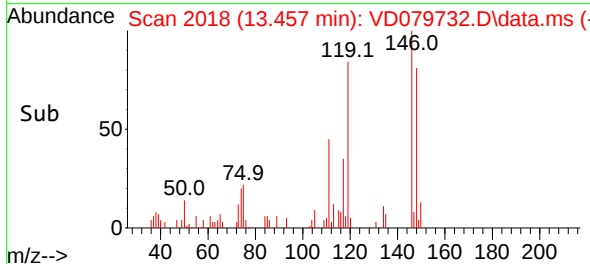
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT3-2024



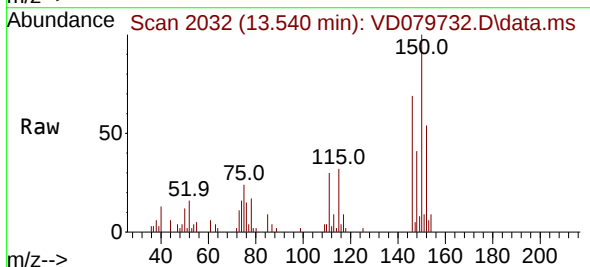
Tgt Ion:146 Resp: 1080
Ion Ratio Lower Upper
146 100
111 37.0 18.5 55.5
148 66.1 30.9 92.8

Manual Integrations
APPROVED

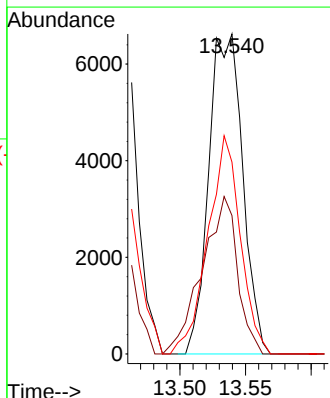
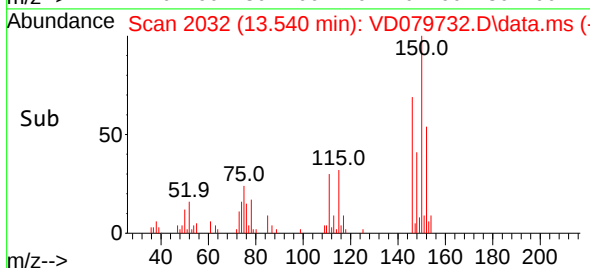
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024

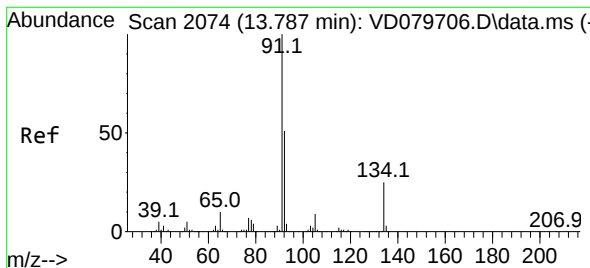


#88
1,4-Dichlorobenzene
Concen: 2.817 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.006 min
Lab File: VD079732.D
Acq: 14 Aug 2024 12:48



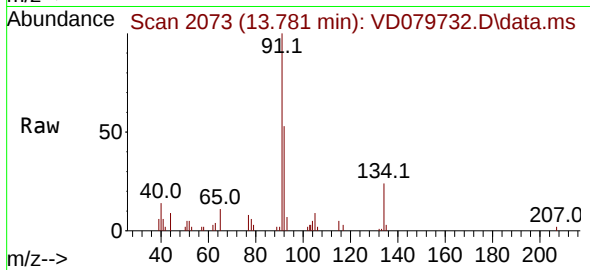
Tgt Ion:146 Resp: 11880
Ion Ratio Lower Upper
146 100
111 51.5 17.5 52.6
148 65.5 31.4 94.2





#89
n-Butylbenzene
Concen: 2.319 ug/l
RT: 13.781 min Scan# 2074
Delta R.T. -0.006 min
Lab File: VD079732.D
Acq: 14 Aug 2024 12:48

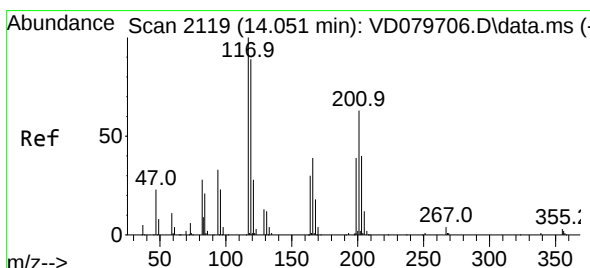
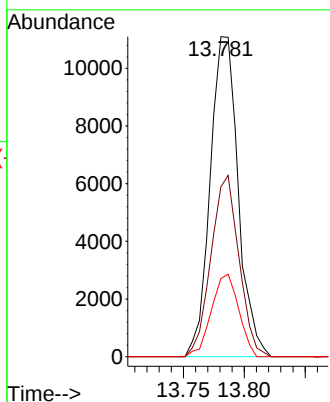
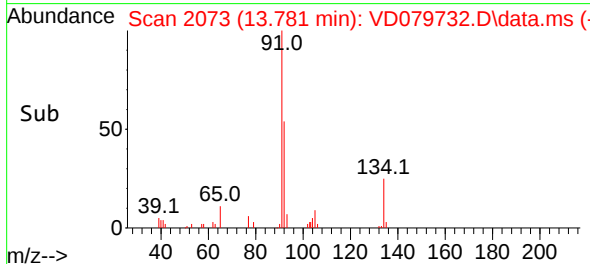
Instrument : MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion: 91 Resp: 1776
Ion Ratio Lower Upper
91 100
92 56.6 25.7 77.0
134 25.1 13.6 40.8

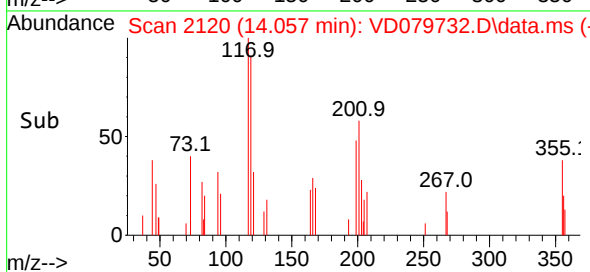
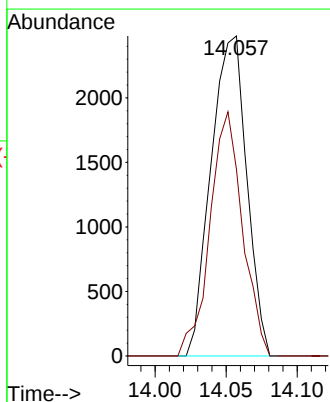
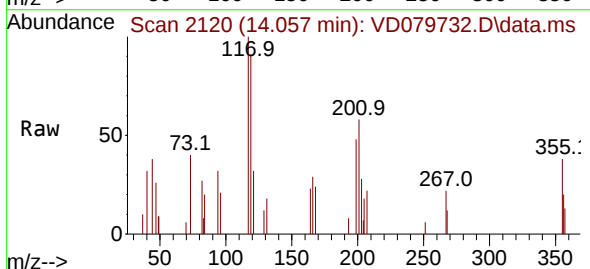
Manual Integrations
APPROVED

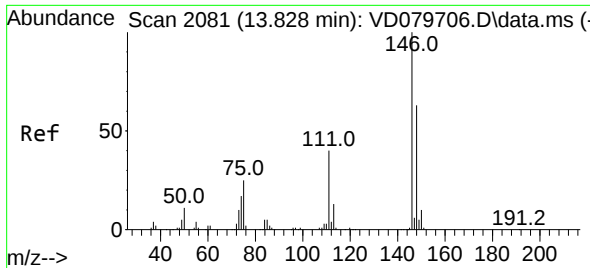
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#90
Hexachloroethane
Concen: 2.609 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD079732.D
Acq: 14 Aug 2024 12:48

Tgt Ion:117 Resp: 4351
Ion Ratio Lower Upper
117 100
201 69.3 36.3 108.9





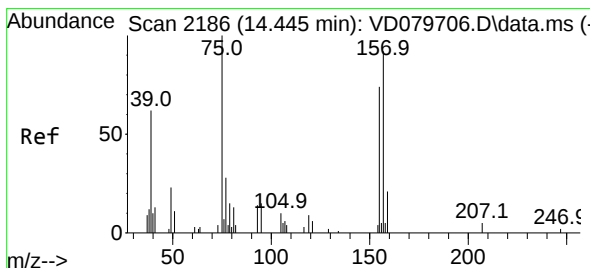
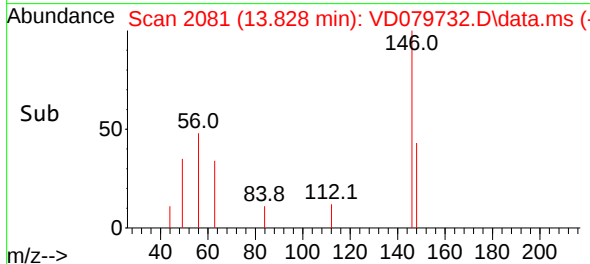
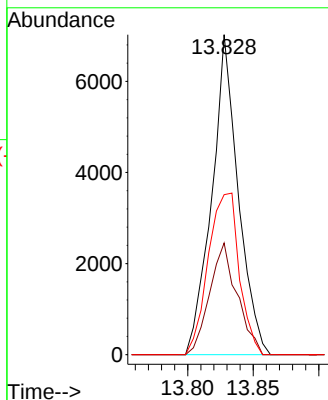
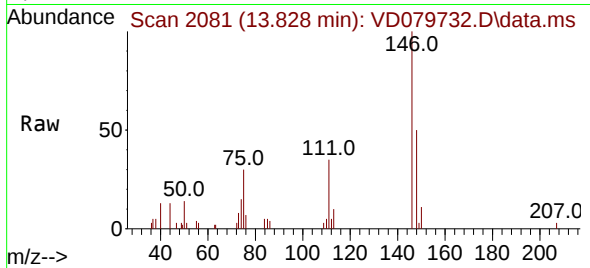
#91
1,2-Dichlorobenzene
Concen: 2.674 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VD079732.D
Acq: 14 Aug 2024 12:48

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

Tgt Ion:146 Resp: 9839
Ion Ratio Lower Upper
146 100
111 36.4 19.1 57.1
148 59.2 31.1 93.5

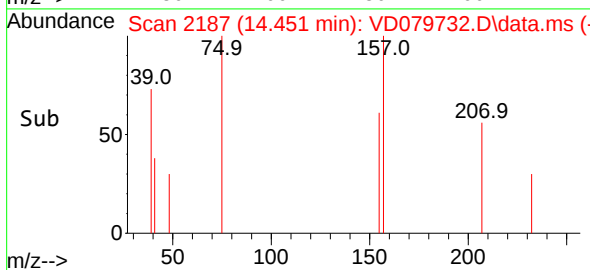
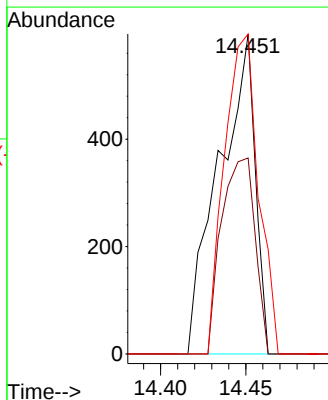
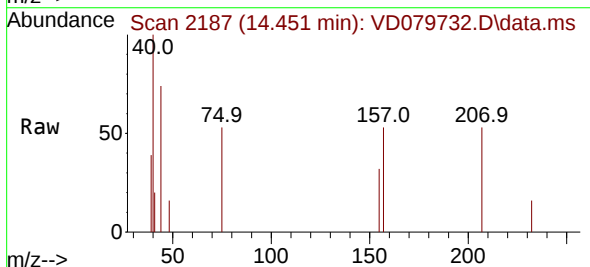
Manual Integrations
APPROVED

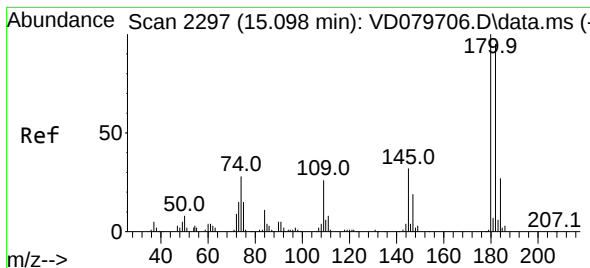
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 3.826 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.006 min
Lab File: VD079732.D
Acq: 14 Aug 2024 12:48

Tgt Ion: 75 Resp: 875
Ion Ratio Lower Upper
75 100
155 57.0 47.7 143.1
157 94.4 63.4 190.2





#93

1,2,4-Trichlorobenzene

Concen: 2.633 ug/l

RT: 15.092 min Scan# 2297

Delta R.T. -0.006 min

Lab File: VD079732.D

Acq: 14 Aug 2024 12:48

Instrument :

MSVOA_D

ClientSampleId :

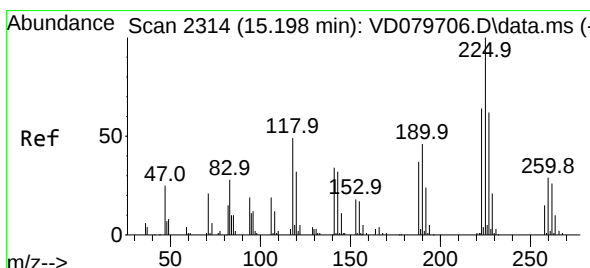
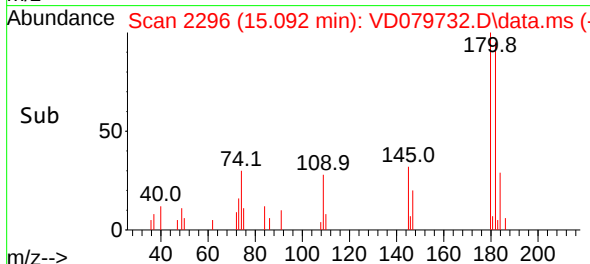
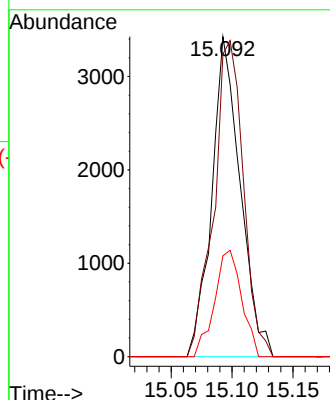
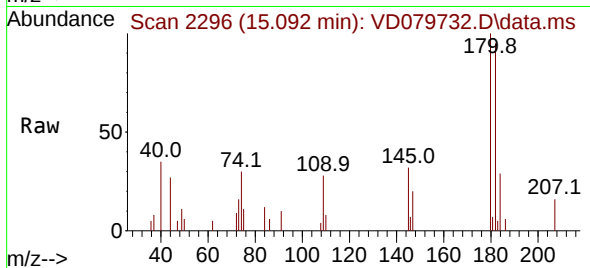
MDL-SOIL-03-QT3-2024

Tgt Ion:180	Resp:	557
Ion Ratio	Lower	Upper
180	100	
182	102.6	46.9 140.7
145	31.7	14.0 41.9

Manual Integrations

APPROVED

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



#94

Hexachlorobutadiene

Concen: 2.821 ug/l

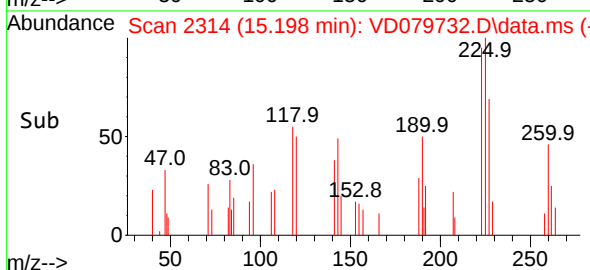
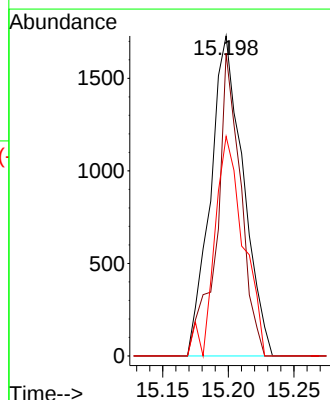
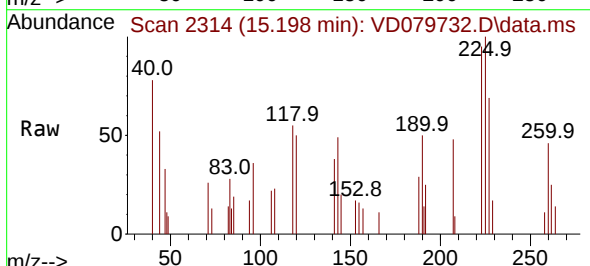
RT: 15.198 min Scan# 2314

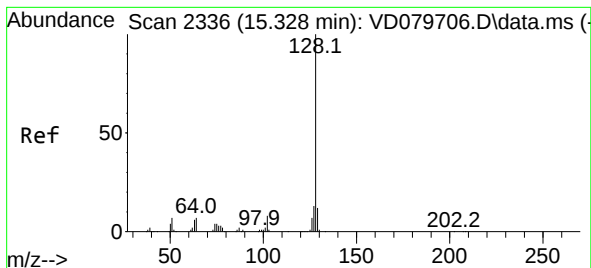
Delta R.T. -0.000 min

Lab File: VD079732.D

Acq: 14 Aug 2024 12:48

Tgt Ion:225	Resp:	3003
Ion Ratio	Lower	Upper
225	100	
223	68.6	33.3 99.9
227	60.3	33.6 100.6





#95

Naphthalene

Concen: 2.888 ug/l

RT: 15.328 min Scan# 2336

Delta R.T. 0.000 min

Lab File: VD079732.D

Acq: 14 Aug 2024 12:48

Instrument :

MSVOA_D

ClientSampleId :

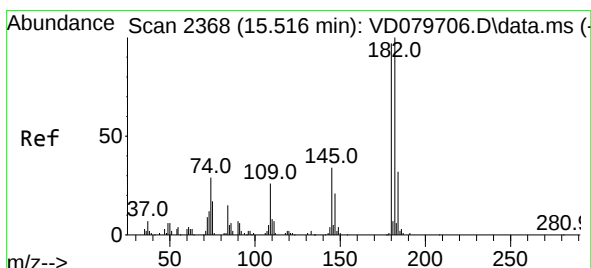
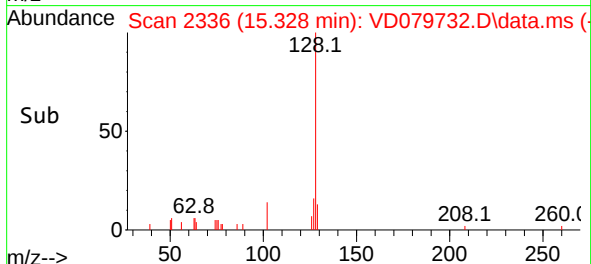
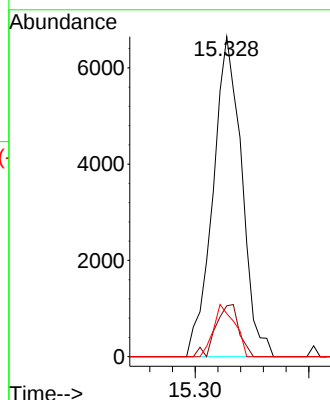
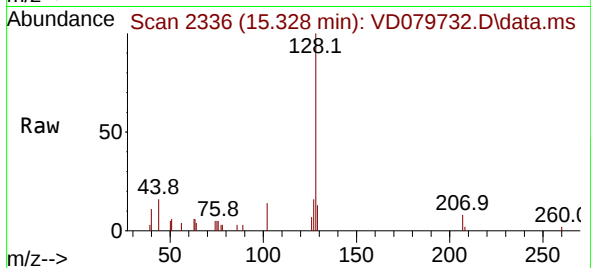
MDL-SOIL-03-QT3-2024

Tgt Ion:128	Resp:	1169
Ion Ratio	Lower	Upper
128	100	
127	15.9	10.2 15.4
129	13.5	8.5 12.7

Manual Integrations

APPROVED

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



#96

1,2,3-Trichlorobenzene

Concen: 2.544 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. 0.006 min

Lab File: VD079732.D

Acq: 14 Aug 2024 12:48

Tgt Ion:180	Resp:	4720
Ion Ratio	Lower	Upper
180	100	
182	104.7	47.8 143.3
145	38.9	16.1 48.2

