

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081424\
 Data File : VD079733.D
 Acq On : 14 Aug 2024 13:15
 Operator : RP/MD
 Sample : P3390-03 4 PPB
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Aug 15 01:41:12 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	153047	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	304744	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	274326	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	127275	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	96286	54.684	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.360%			
35) Dibromofluoromethane	7.804	113	92737	49.362	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.720%			
50) Toluene-d8	10.269	98	380862	48.505	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 97.000%			
62) 4-Bromofluorobenzene	12.569	95	101041	45.958	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 91.920%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	8981	5.979	ug/l	93
3) Chloromethane	2.146	50	17701	5.988	ug/l	98
4) Vinyl Chloride	2.281	62	19556	5.597	ug/l	96
5) Bromomethane	2.687	94	14203	5.972	ug/l	98
6) Chloroethane	2.828	64	13766	5.771	ug/l	94
7) Trichlorofluoromethane	3.164	101	16976	5.432	ug/l	90
8) Diethyl Ether	3.587	74	5564	5.694	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.975	101	9552	5.192	ug/l	93
10) Methyl Iodide	4.158	142	9019	4.380	ug/l	93
11) Tert butyl alcohol	5.034	59	4826	45.649	ug/l #	86
12) 1,1-Dichloroethene	3.928	96	9507	4.942	ug/l	86
13) Acrolein	3.787	56	5468	26.698	ug/l	86
14) Allyl chloride	4.558	41	13390	4.641	ug/l #	73
15) Acrylonitrile	5.263	53	12587	27.980	ug/l	93
16) Acetone	4.022	43	9247	23.497	ug/l	99
17) Carbon Disulfide	4.263	76	35329	5.181	ug/l	95
18) Methyl Acetate	4.558	43	6904	5.751	ug/l #	74
19) Methyl tert-butyl Ether	5.305	73	19650	4.975	ug/l	92
20) Methylene Chloride	4.805	84	31673	10.269	ug/l #	85
21) trans-1,2-Dichloroethene	5.310	96	10070	4.768	ug/l	89
22) Diisopropyl ether	6.216	45	27341	4.598	ug/l #	87
23) Vinyl Acetate	6.152	43	102793	23.586	ug/l #	92
24) 1,1-Dichloroethane	6.116	63	19095	4.858	ug/l	100
25) 2-Butanone	7.087	43	13941	25.735	ug/l #	87
26) 2,2-Dichloropropane	7.075	77	16954	5.462	ug/l	94
27) cis-1,2-Dichloroethene	7.075	96	11768	4.804	ug/l	76
28) Bromochloromethane	7.422	49	8400	5.024	ug/l #	67
29) Tetrahydrofuran	7.446	42	8285	25.158	ug/l #	83
30) Chloroform	7.599	83	19303	5.057	ug/l	84
31) Cyclohexane	7.875	56	18586	5.775	ug/l #	80
32) 1,1,1-Trichloroethane	7.793	97	15654	4.957	ug/l	97
36) 1,1-Dichloropropene	8.004	75	12652	4.345	ug/l	98
37) Ethyl Acetate	7.175	43	6930m	5.258	ug/l	
38) Carbon Tetrachloride	7.987	117	13165	4.454	ug/l	94
39) Methylcyclohexane	9.275	83	16078	4.671	ug/l #	85
40) Benzene	8.246	78	43911	4.636	ug/l	93

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081424\
 Data File : VD079733.D
 Acq On : 14 Aug 2024 13:15
 Operator : RP/MD
 Sample : P3390-03 4 PPB
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Aug 15 01:41:12 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)
41) Methacrylonitrile	7.393	41	3610	5.201	ug/l #	69
42) 1,2-Dichloroethane	8.322	62	10834	4.949	ug/l	99
43) Isopropyl Acetate	8.357	43	11156	4.854	ug/l #	82
44) Trichloroethene	9.028	130	9497	4.565	ug/l	88
45) 1,2-Dichloropropane	9.304	63	10178	4.366	ug/l #	87
46) Dibromomethane	9.393	93	5461	4.627	ug/l	93
47) Bromodichloromethane	9.581	83	13676	4.597	ug/l	93
48) Methyl methacrylate	9.381	41	5432	5.138	ug/l #	78
49) 1,4-Dioxane	9.387	88	1030	86.710	ug/l	96
51) 4-Methyl-2-Pentanone	10.157	43	27643	23.377	ug/l	92
52) Toluene	10.328	92	26124	4.600	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	13183	4.740	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	14658	4.294	ug/l #	91
55) 1,1,2-Trichloroethane	10.728	97	7377	4.689	ug/l #	80
56) Ethyl methacrylate	10.598	69	9377	4.883	ug/l #	90
57) 1,3-Dichloropropane	10.881	76	13253	4.886	ug/l	94
58) 2-Chloroethyl Vinyl ether	9.863	63	19203	22.381	ug/l	94
59) 2-Hexanone	10.916	43	19289	22.802	ug/l	91
60) Dibromochloromethane	11.075	129	9017	4.652	ug/l	98
61) 1,2-Dibromoethane	11.175	107	7173	5.134	ug/l	96
64) Tetrachloroethene	10.810	164	7865	4.692	ug/l #	82
65) Chlorobenzene	11.604	112	28455	4.724	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.675	131	9350	4.761	ug/l	94
67) Ethyl Benzene	11.681	91	44795	4.238	ug/l	99
68) m/p-Xylenes	11.787	106	33856	8.237	ug/l	94
69) o-Xylene	12.116	106	15133	4.029	ug/l	84
70) Styrene	12.134	104	27161	4.122	ug/l	96
71) Bromoform	12.298	173	5032	4.985	ug/l #	96
73) Isopropylbenzene	12.416	105	39845	4.459	ug/l	99
74) N-amyl acetate	12.228	43	9620	4.832	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.669	83	9152	5.486	ug/l	91
76) 1,2,3-Trichloropropane	12.722	75	5228m	5.039	ug/l	
77) Bromobenzene	12.698	156	10118	5.063	ug/l	82
78) n-propylbenzene	12.757	91	51203	4.631	ug/l	95
79) 2-Chlorotoluene	12.845	91	28100	4.564	ug/l	95
80) 1,3,5-Trimethylbenzene	12.898	105	32044	4.325	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.463	75	3283	5.392	ug/l	100
82) 4-Chlorotoluene	12.945	91	29138	4.500	ug/l	94
83) tert-Butylbenzene	13.157	119	28816	4.608	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	31347	4.135	ug/l	97
85) sec-Butylbenzene	13.339	105	42575	4.418	ug/l	98
86) p-Isopropyltoluene	13.457	119	34768	4.295	ug/l	98
87) 1,3-Dichlorobenzene	13.451	146	20316	4.775	ug/l	98
88) 1,4-Dichlorobenzene	13.534	146	20576	4.900	ug/l	92
89) n-Butylbenzene	13.781	91	33214	4.353	ug/l	96
90) Hexachloroethane	14.051	117	7863	4.734	ug/l	87
91) 1,2-Dichlorobenzene	13.828	146	15981	4.362	ug/l	88
92) 1,2-Dibromo-3-Chloropr...	14.439	75	1475	6.477	ug/l #	54
93) 1,2,4-Trichlorobenzene	15.092	180	8890	4.218	ug/l	95
94) Hexachlorobutadiene	15.198	225	5122	4.832	ug/l	95
95) Naphthalene	15.328	128	20065	4.977	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	9035	4.890	ug/l	92

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081424\
Data File : VD079733.D
Acq On : 14 Aug 2024 13:15
Operator : RP/MD
Sample : P3390-03 4 PPB
Misc : 5.00G/5.0ml/MSVOA_D/SOIL/A
ALS Vial : 8 Sample Multiplier: 1

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

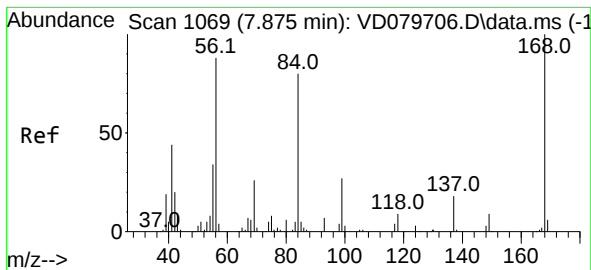
Manual Integrations
APPROVED

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

Quant Time: Aug 15 01:41:12 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

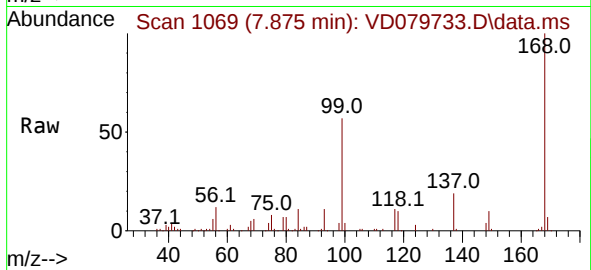
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079733.D
Acq: 14 Aug 2024 13:15

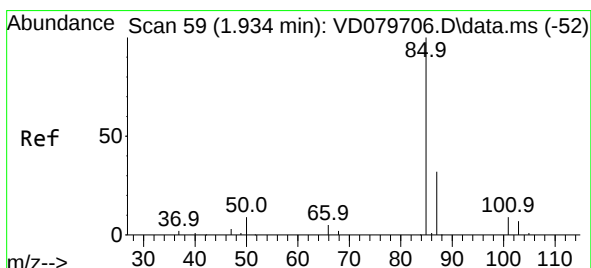
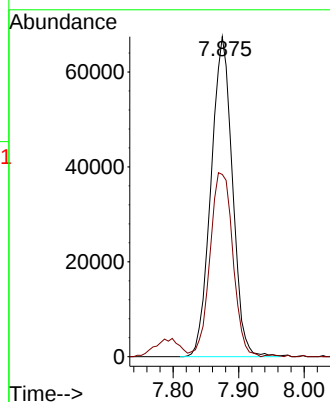
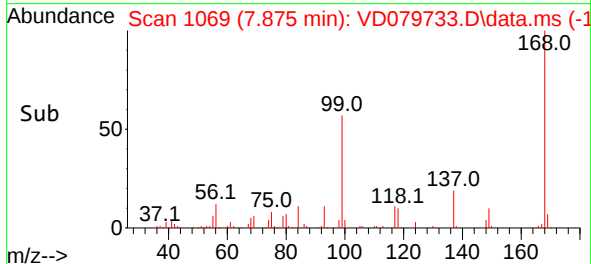
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion:168 Resp: 15304
Ion Ratio Lower Upper
168 100
99 56.7 41.1 61.7

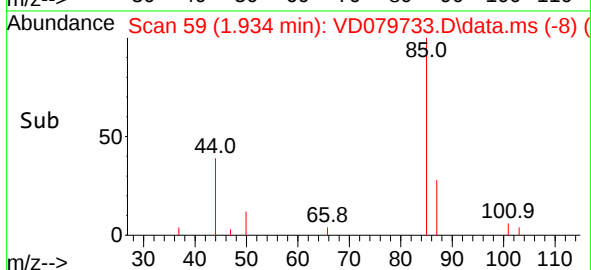
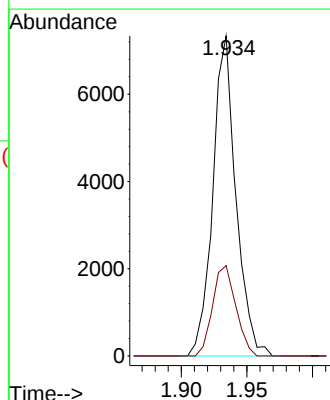
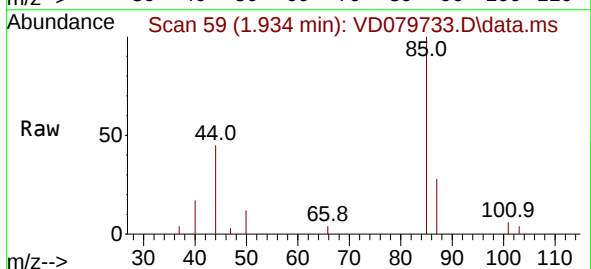
Manual Integrations
APPROVED

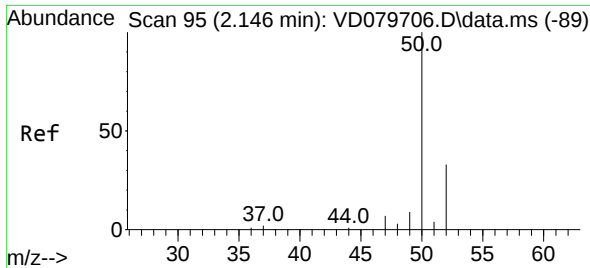
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#2
Dichlorodifluoromethane
Concen: 5.979 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD079733.D
Acq: 14 Aug 2024 13:15

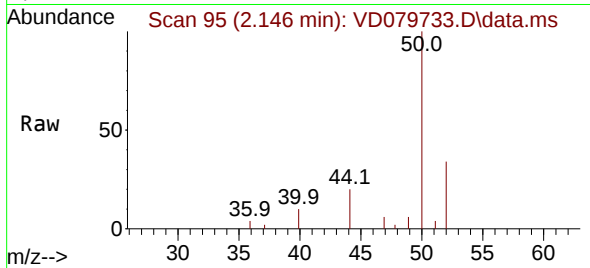
Tgt Ion: 85 Resp: 8981
Ion Ratio Lower Upper
85 100
87 28.2 16.0 48.0





#3
Chloromethane
Concen: 5.988 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD079733.D
Acq: 14 Aug 2024 13:15

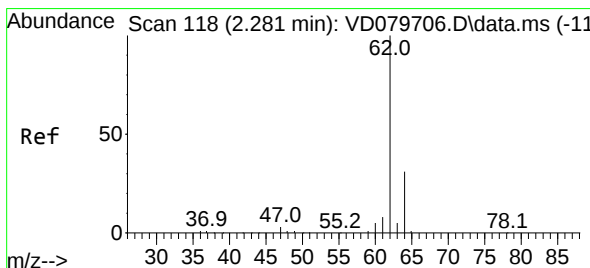
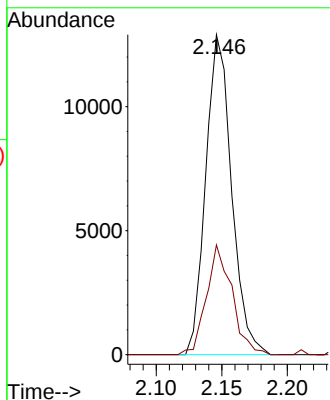
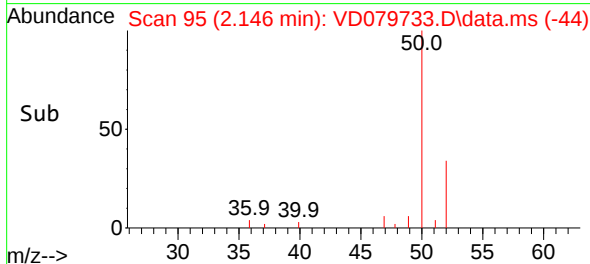
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2024



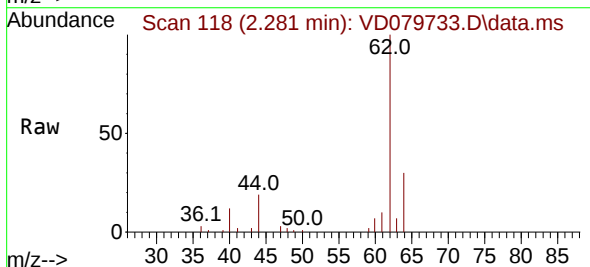
Tgt Ion: 50 Resp: 1770
Ion Ratio Lower Upper
50 100
52 34.3 28.2 42.2

Manual Integrations
APPROVED

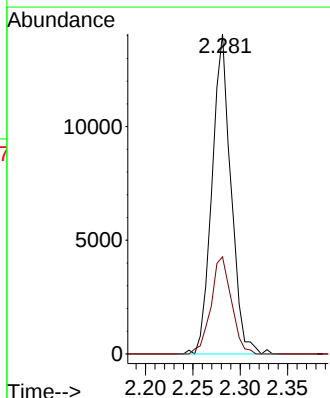
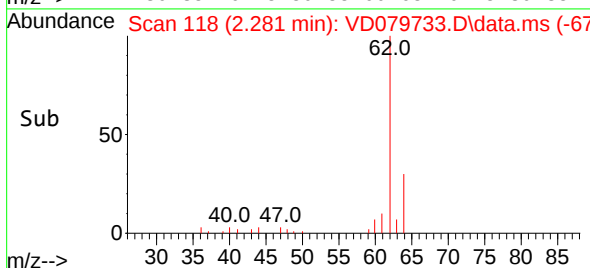
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024

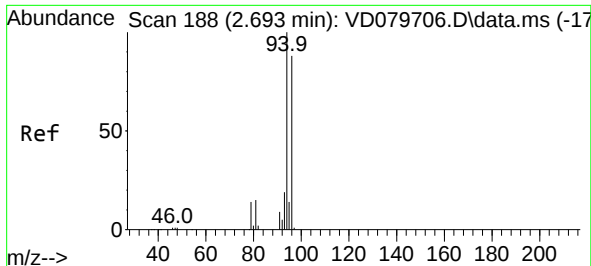


#4
Vinyl Chloride
Concen: 5.597 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.000 min
Lab File: VD079733.D
Acq: 14 Aug 2024 13:15



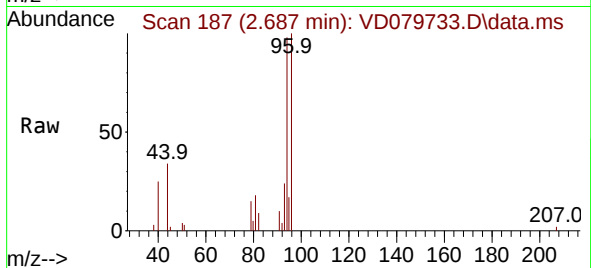
Tgt Ion: 62 Resp: 19556
Ion Ratio Lower Upper
62 100
64 30.4 26.3 39.5





#5
Bromomethane
Concen: 5.972 ug/l
RT: 2.687 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD079733.D
Acq: 14 Aug 2024 13:15

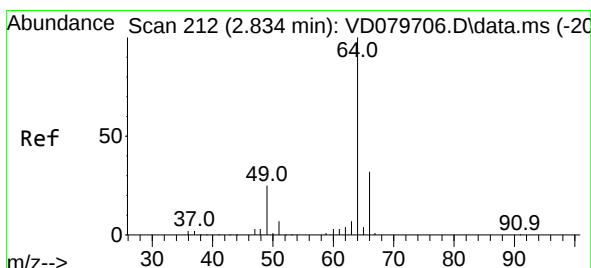
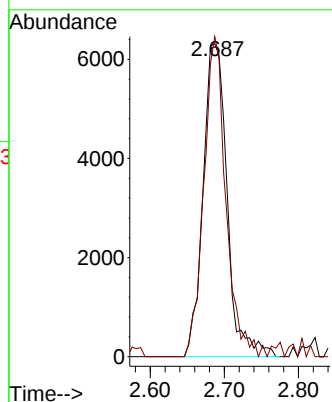
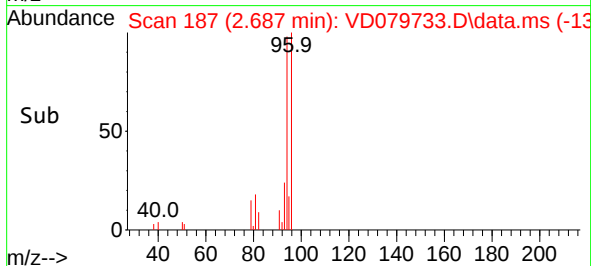
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2024



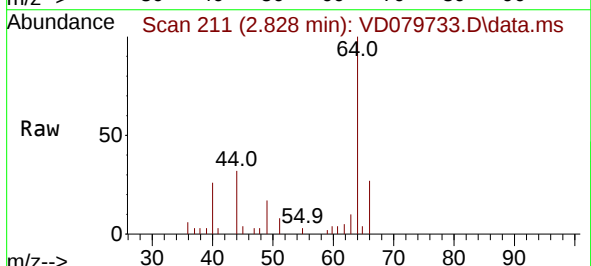
Tgt Ion: 94 Resp: 1420
Ion Ratio Lower Upper
94 100
96 94.5 76.9 115.3

Manual Integrations
APPROVED

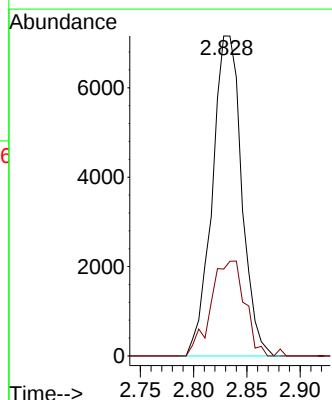
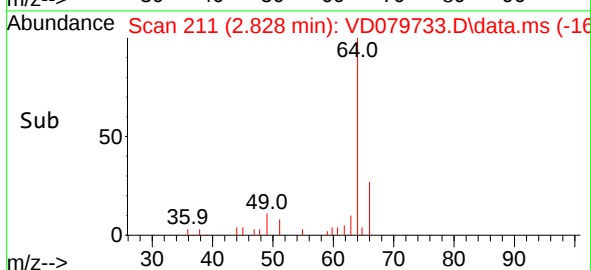
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024

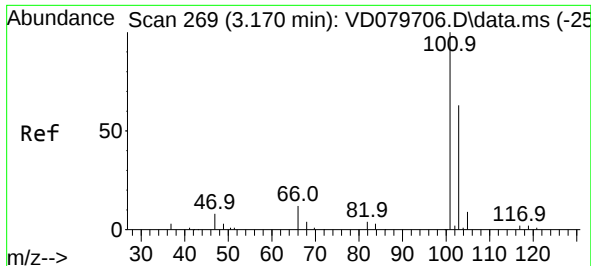


#6
Chloroethane
Concen: 5.771 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD079733.D
Acq: 14 Aug 2024 13:15



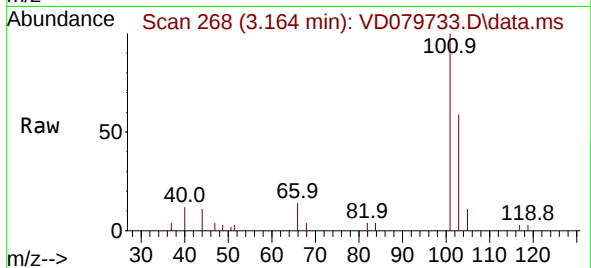
Tgt Ion: 64 Resp: 13766
Ion Ratio Lower Upper
64 100
66 27.1 24.5 36.7





#7
Trichlorofluoromethane
Concen: 5.432 ug/l
RT: 3.164 min Scan# 20
Delta R.T. -0.006 min
Lab File: VD079733.D
Acq: 14 Aug 2024 13:15

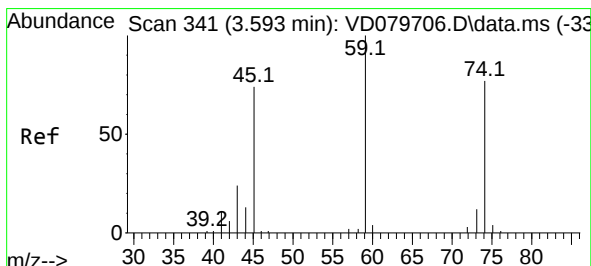
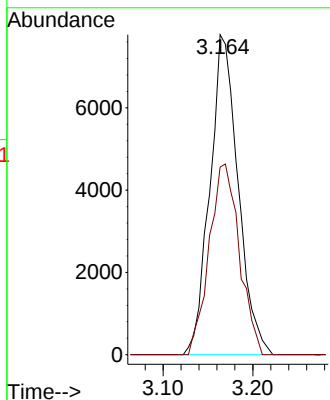
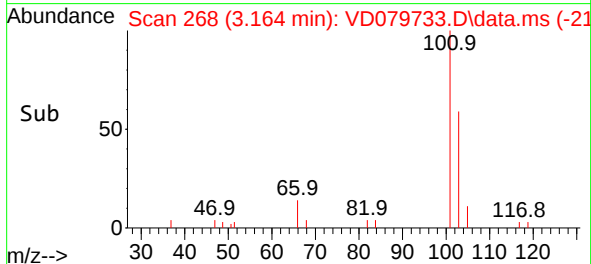
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion:101 Resp: 16970
Ion Ratio Lower Upper
101 100
103 58.6 53.2 79.8

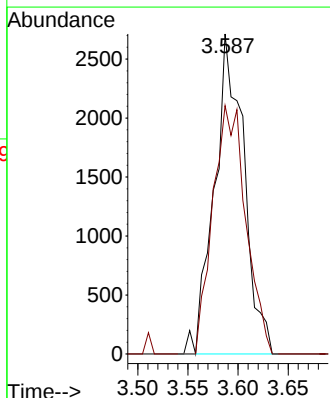
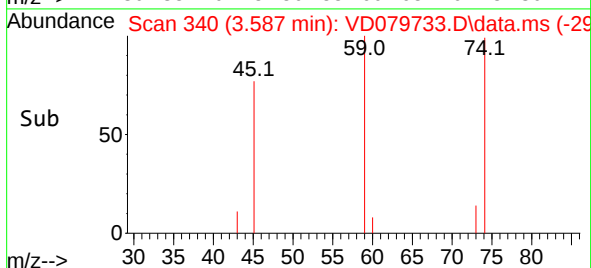
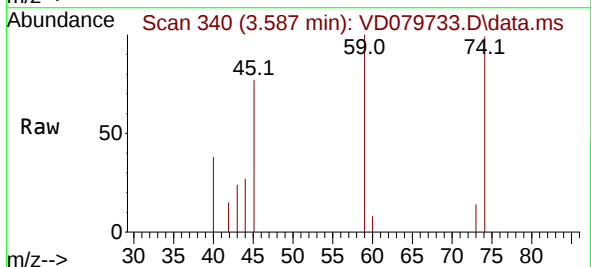
Manual Integrations
APPROVED

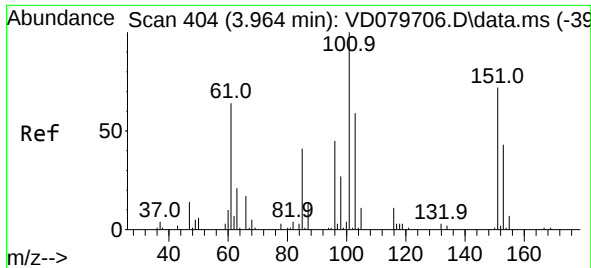
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#8
Diethyl Ether
Concen: 5.694 ug/l
RT: 3.587 min Scan# 340
Delta R.T. -0.006 min
Lab File: VD079733.D
Acq: 14 Aug 2024 13:15

Tgt Ion: 74 Resp: 5564
Ion Ratio Lower Upper
74 100
45 87.0 37.9 113.6





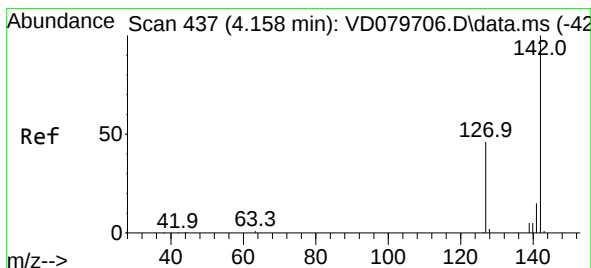
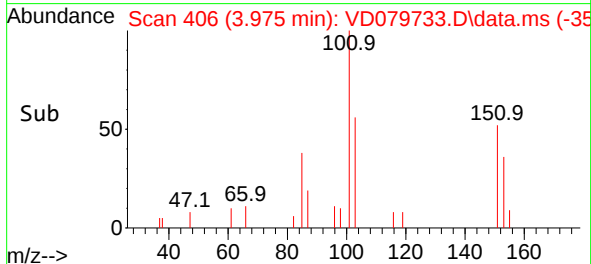
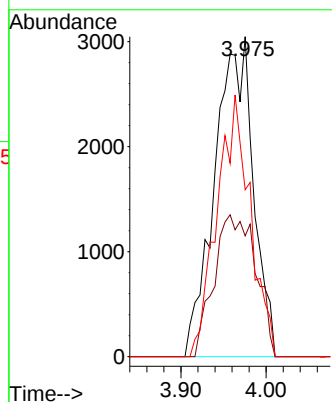
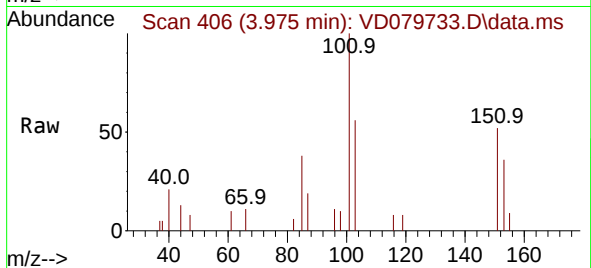
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.192 ug/l
RT: 3.975 min Scan# 406
Delta R.T. 0.012 min
Lab File: VD079733.D
Acq: 14 Aug 2024 13:15

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

Tgt Ion:101 Resp: 955
Ion Ratio Lower Upper
101 100
85 48.3 33.5 50.3
151 70.5 60.3 90.5

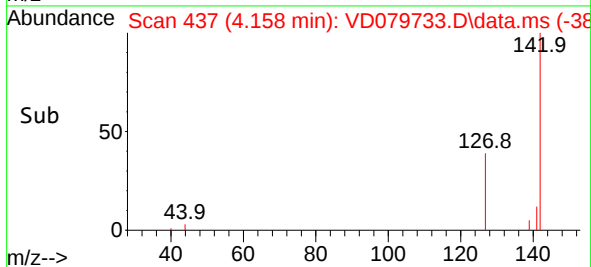
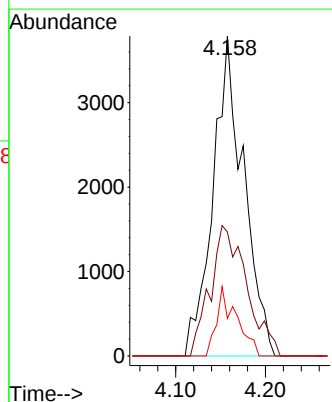
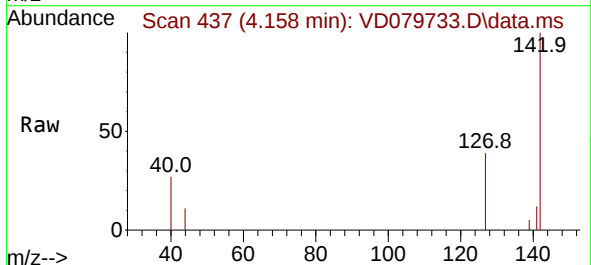
Manual Integrations
APPROVED

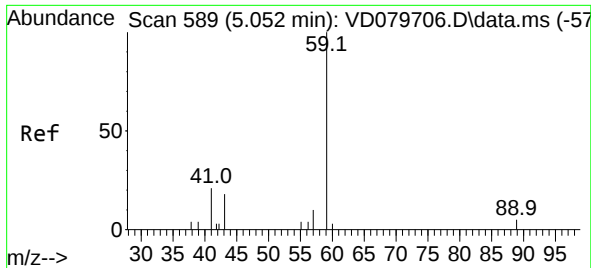
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#10
Methyl Iodide
Concen: 4.380 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.000 min
Lab File: VD079733.D
Acq: 14 Aug 2024 13:15

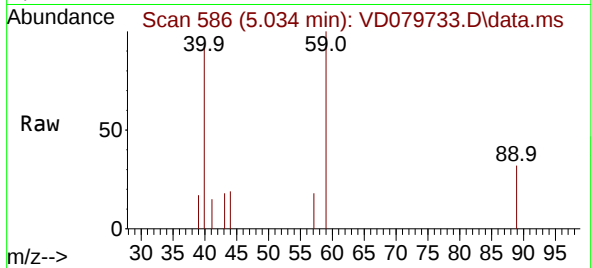
Tgt Ion:142 Resp: 9019
Ion Ratio Lower Upper
142 100
127 48.3 34.2 51.4
141 14.1 11.7 17.5





#11
Tert butyl alcohol
Concen: 45.649 ug/l
RT: 5.034 min Scan# 51
Delta R.T. -0.018 min
Lab File: VD079733.D
Acq: 14 Aug 2024 13:15

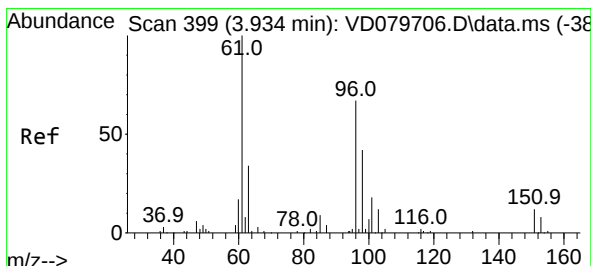
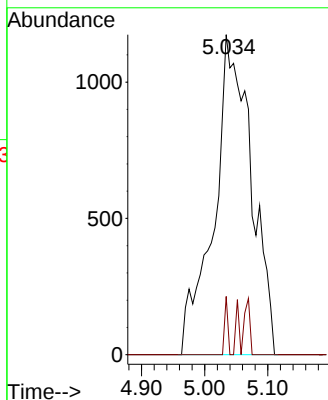
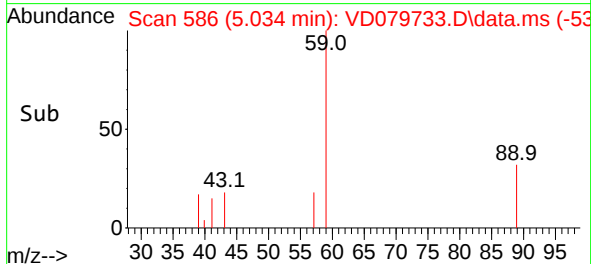
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2024



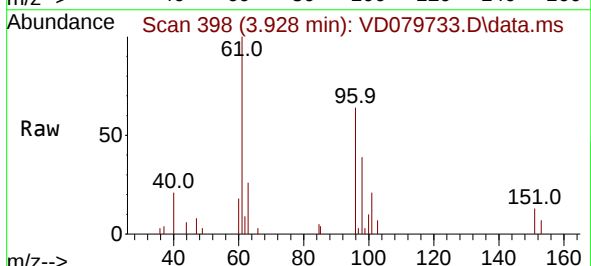
Tgt Ion: 59 Resp: 4820
Ion Ratio Lower Upper
59 100
57 0.0 3.6 5.4

Manual Integrations
APPROVED

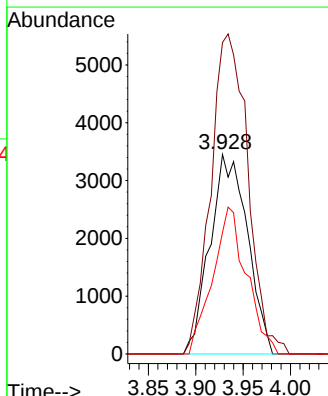
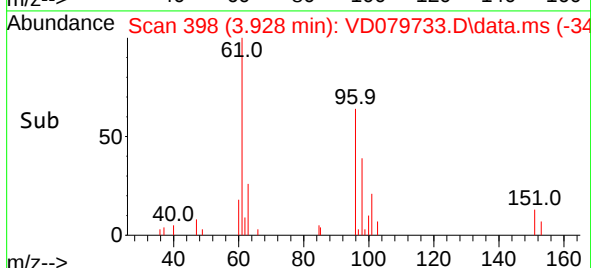
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#12
1,1-Dichloroethene
Concen: 4.942 ug/l
RT: 3.928 min Scan# 398
Delta R.T. -0.006 min
Lab File: VD079733.D
Acq: 14 Aug 2024 13:15



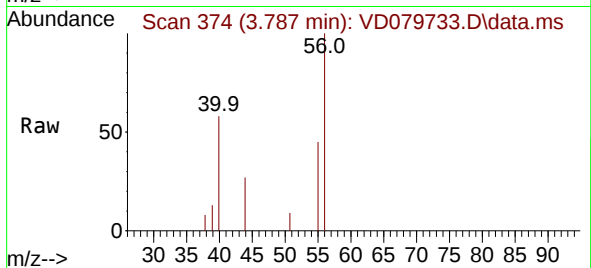
Tgt Ion: 96 Resp: 9507
Ion Ratio Lower Upper
96 100
61 156.1 107.3 160.9
98 61.0 51.7 77.5





#13
Acrolein
Concen: 26.698 ug/l
RT: 3.787 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD079733.D
Acq: 14 Aug 2024 13:15

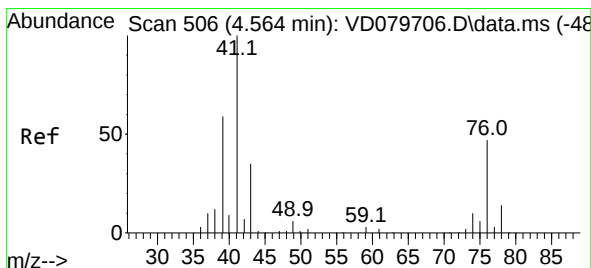
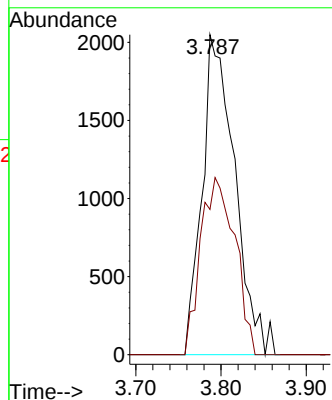
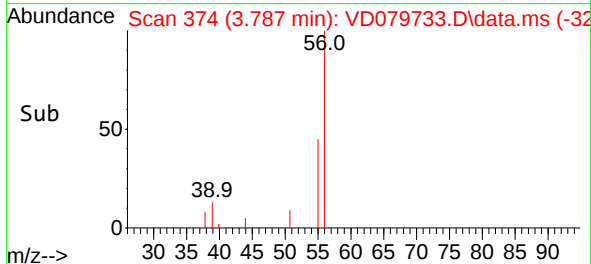
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion: 56 Resp: 546
Ion Ratio Lower Upper
56 100
55 58.0 55.3 82.9

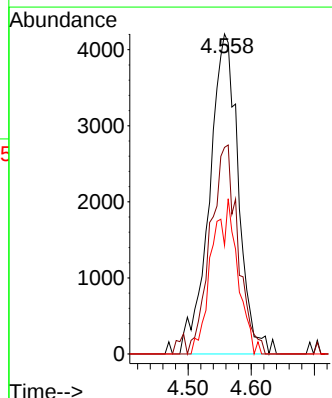
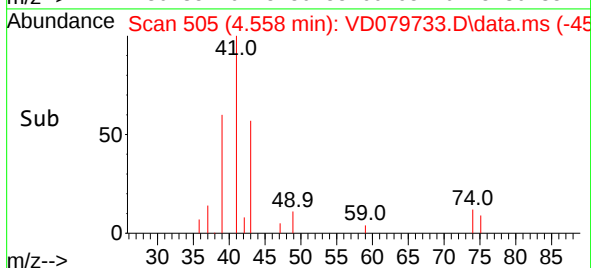
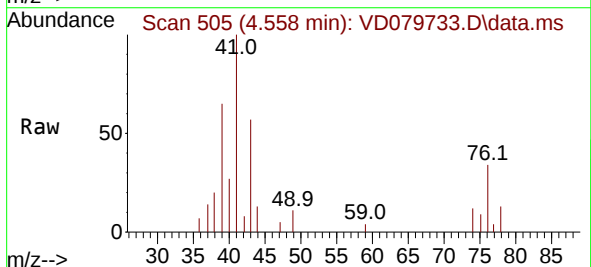
Manual Integrations
APPROVED

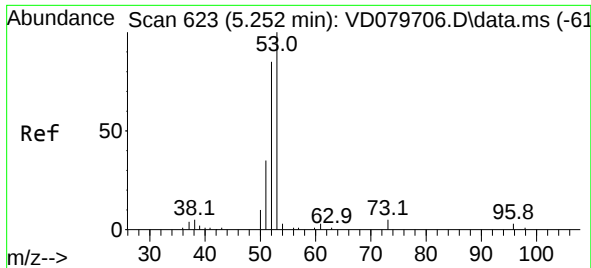
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#14
Allyl chloride
Concen: 4.641 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD079733.D
Acq: 14 Aug 2024 13:15

Tgt Ion: 41 Resp: 13390
Ion Ratio Lower Upper
41 100
39 62.3 58.0 87.0
76 23.8 45.9 68.9#





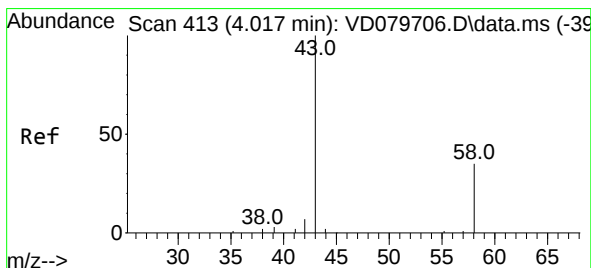
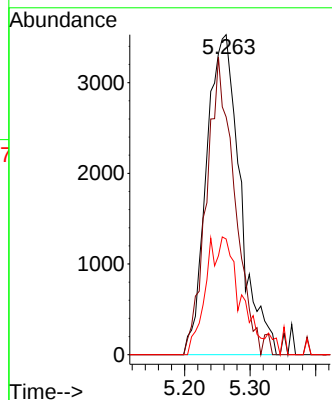
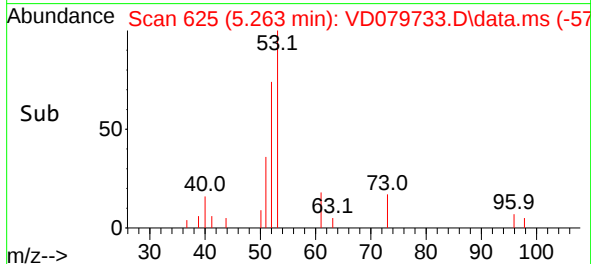
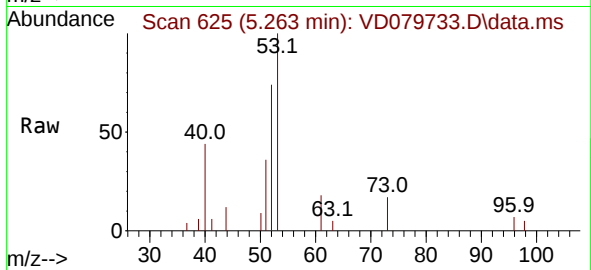
#15
Acrylonitrile
Concen: 27.980 ug/l
RT: 5.263 min Scan# 61
Delta R.T. 0.012 min
Lab File: VD079733.D
Acq: 14 Aug 2024 13:15

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

Tgt Ion: 53 Resp: 1258
Ion Ratio Lower Upper
53 100
52 77.0 67.7 101.5
51 37.3 28.6 42.8

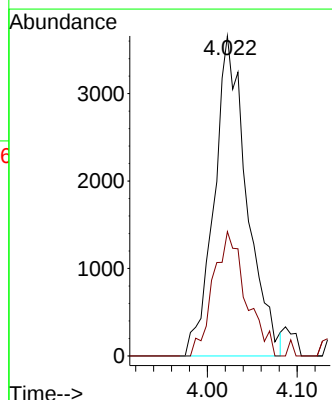
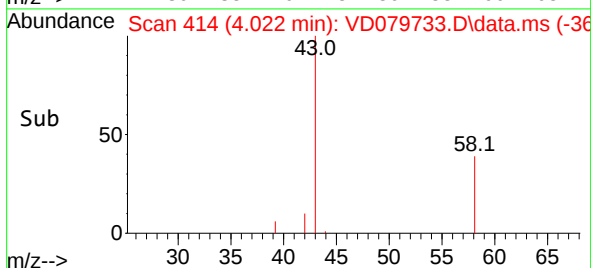
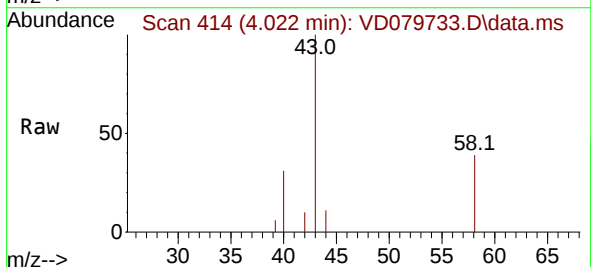
Manual Integrations
APPROVED

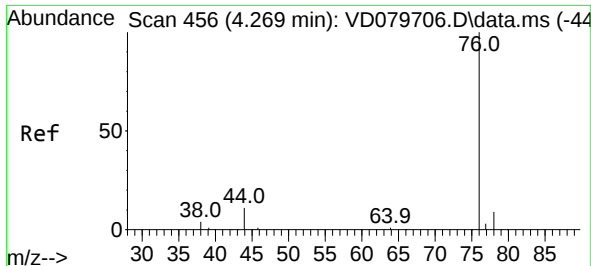
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#16
Acetone
Concen: 23.497 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.005 min
Lab File: VD079733.D
Acq: 14 Aug 2024 13:15

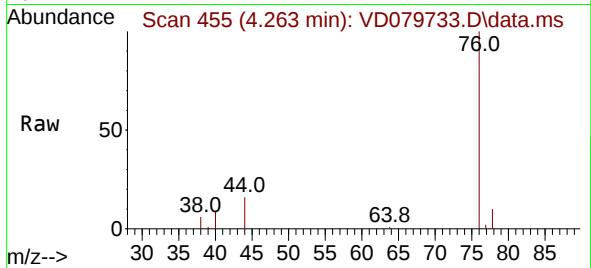
Tgt Ion: 43 Resp: 9247
Ion Ratio Lower Upper
43 100
58 38.8 30.4 45.6





#17
Carbon Disulfide
Concen: 5.181 ug/l
RT: 4.263 min Scan# 410
Delta R.T. -0.006 min
Lab File: VD079733.D
Acq: 14 Aug 2024 13:15

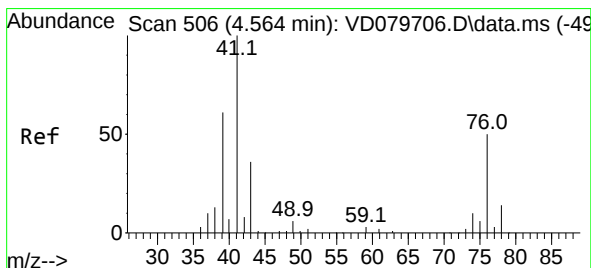
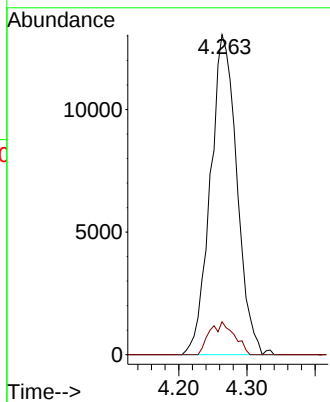
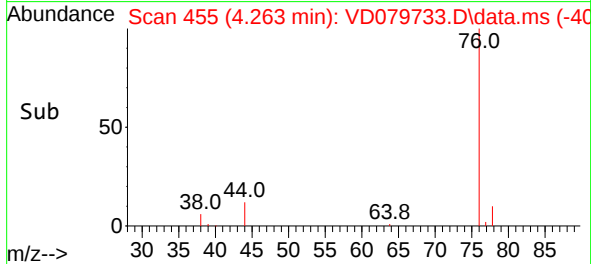
Instrument : MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2024



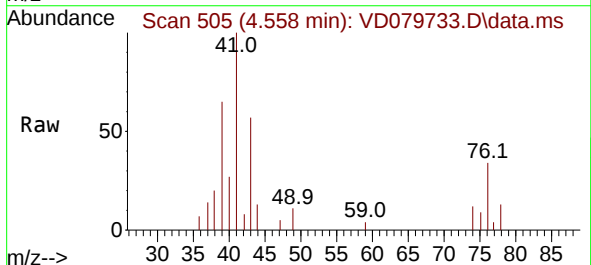
Tgt Ion: 76 Resp: 35329
Ion Ratio Lower Upper
76 100
78 10.3 6.9 10.3

Manual Integrations
APPROVED

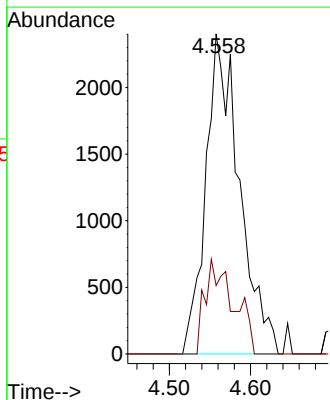
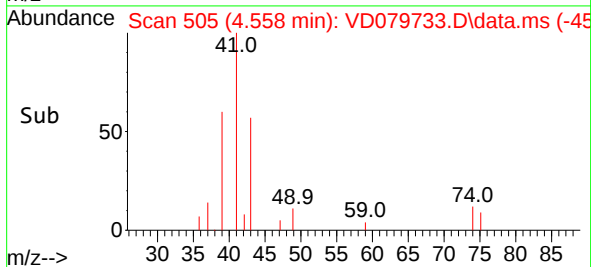
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024

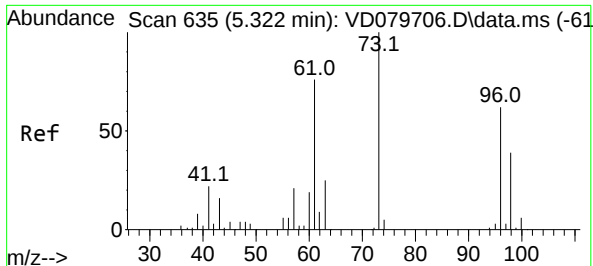


#18
Methyl Acetate
Concen: 5.751 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD079733.D
Acq: 14 Aug 2024 13:15



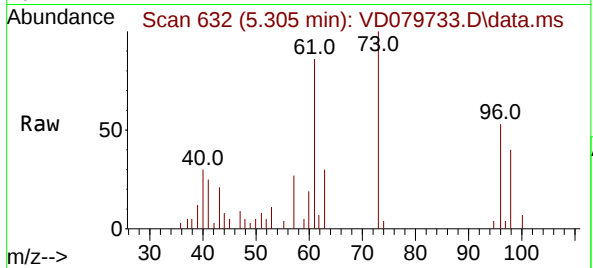
Tgt Ion: 43 Resp: 6904
Ion Ratio Lower Upper
43 100
74 20.0 28.1 42.1#





#19
Methyl tert-butyl Ether
Concen: 4.975 ug/l
RT: 5.305 min Scan# 61
Delta R.T. -0.018 min
Lab File: VD079733.D
Acq: 14 Aug 2024 13:15

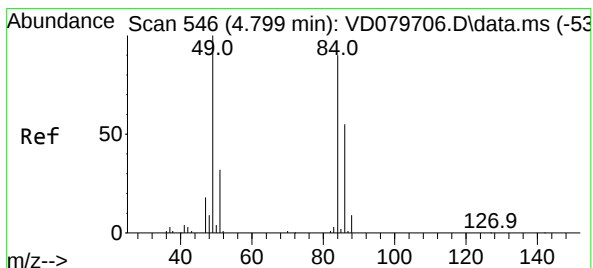
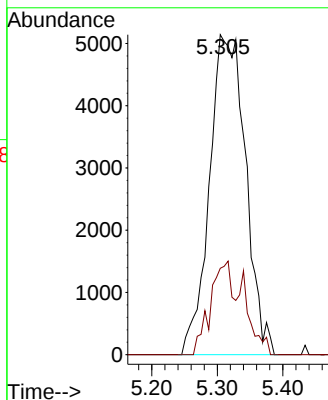
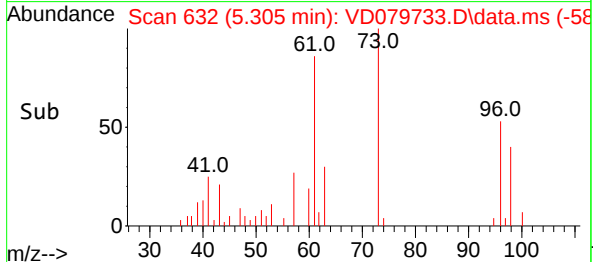
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion: 73 Resp: 19650
Ion Ratio Lower Upper
73 100
57 27.0 18.3 27.5

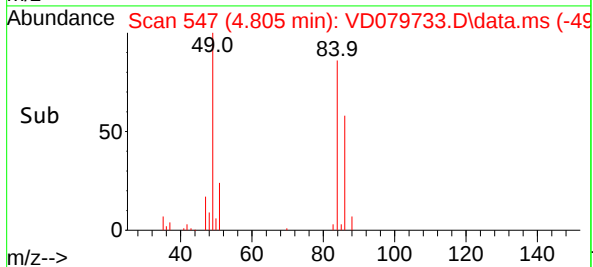
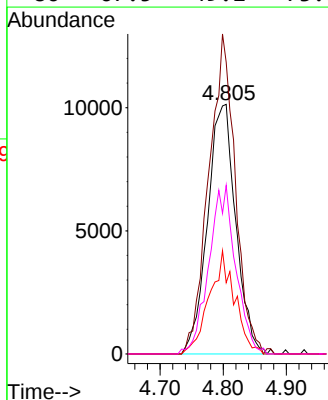
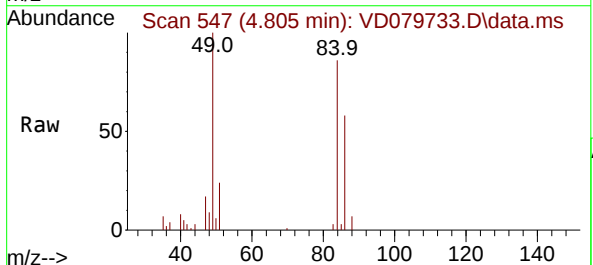
Manual Integrations
APPROVED

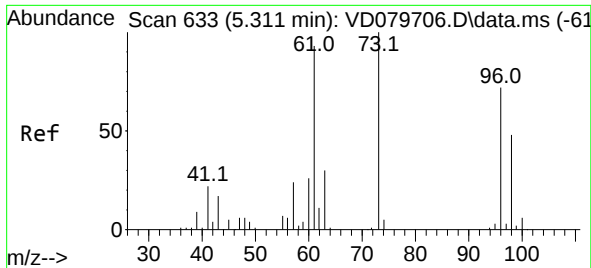
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#20
Methylene Chloride
Concen: 10.269 ug/l
RT: 4.805 min Scan# 547
Delta R.T. 0.006 min
Lab File: VD079733.D
Acq: 14 Aug 2024 13:15

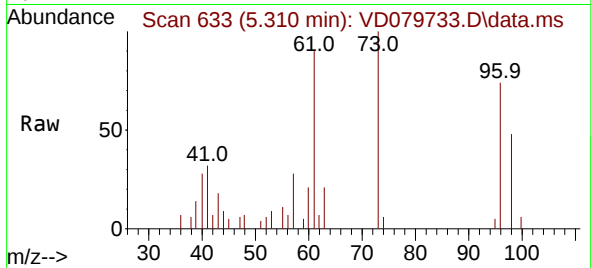
Tgt Ion: 84 Resp: 31673
Ion Ratio Lower Upper
84 100
49 116.9 75.6 113.4#
51 28.6 24.2 36.2
86 67.5 49.2 73.8





#21
trans-1,2-Dichloroethene
Concen: 4.768 ug/l
RT: 5.310 min Scan# 610
Delta R.T. -0.000 min
Lab File: VD079733.D
Acq: 14 Aug 2024 13:15

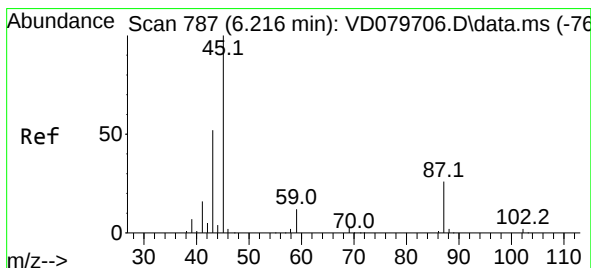
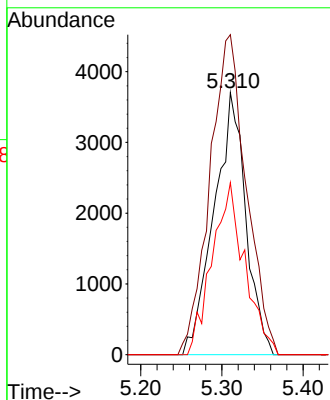
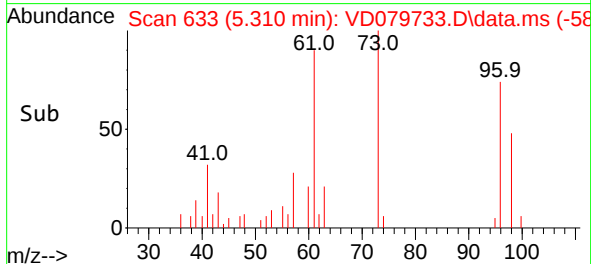
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2024



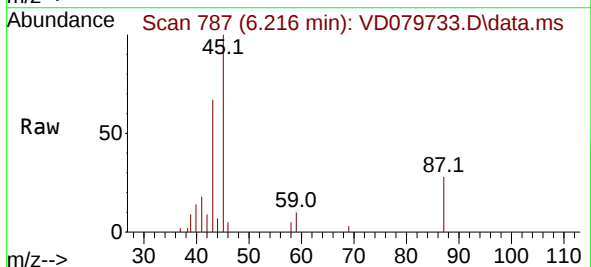
Tgt Ion: 96 Resp: 10070
Ion Ratio Lower Upper
96 100
61 122.1 84.5 126.7
98 65.6 50.5 75.7

Manual Integrations
APPROVED

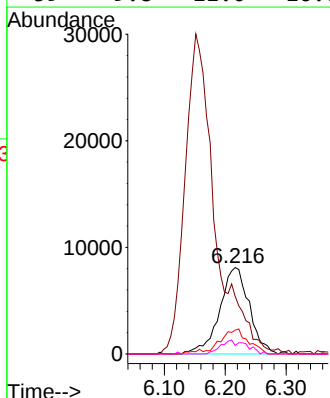
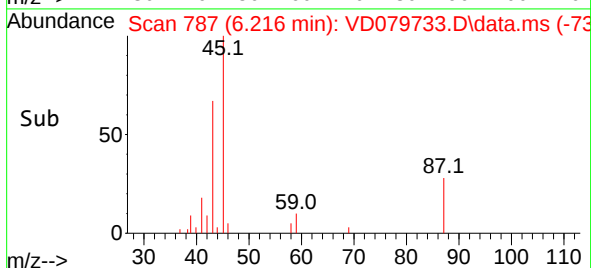
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024

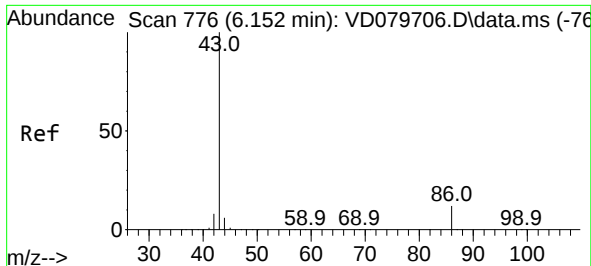


#22
Diisopropyl ether
Concen: 4.598 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.000 min
Lab File: VD079733.D
Acq: 14 Aug 2024 13:15



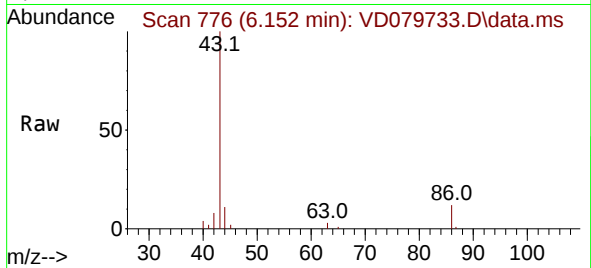
Tgt Ion: 45 Resp: 27341
Ion Ratio Lower Upper
45 100
43 60.5 41.7 62.5
87 27.6 30.2 45.2#
59 9.8 11.0 16.6#





#23
 Vinyl Acetate
 Concen: 23.586 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD079733.D
 Acq: 14 Aug 2024 13:15

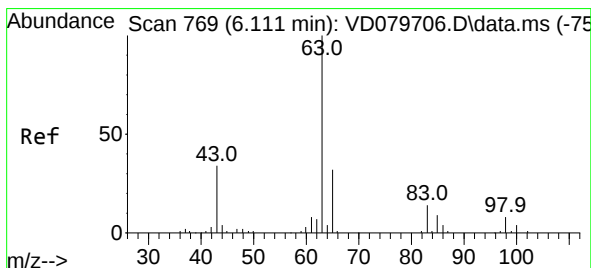
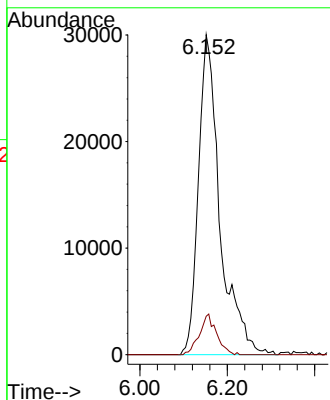
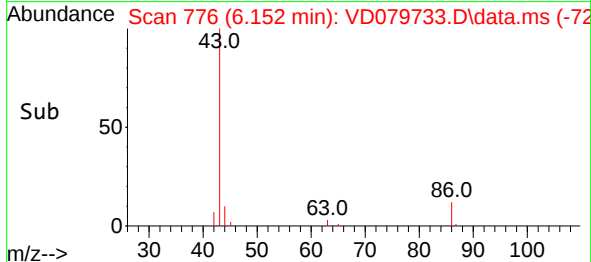
Instrument :
 MSVOA_D
 ClientSampleId :
 MDL-SOIL-03-QT3-2024



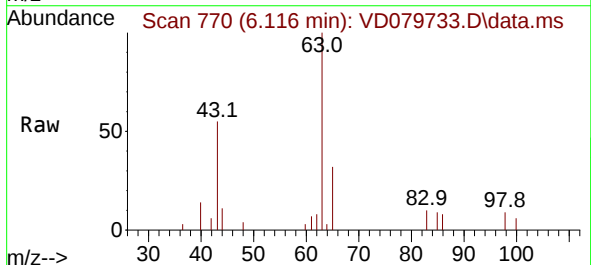
Tgt Ion: 43 Resp: 102793
 Ion Ratio Lower Upper
 43 100
 86 12.0 12.3 18.5

Manual Integrations
 APPROVED

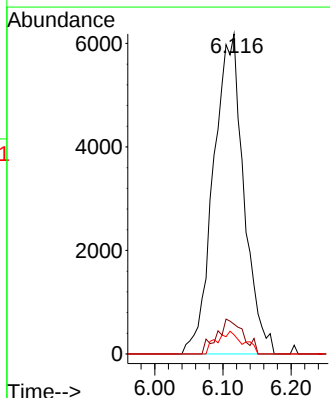
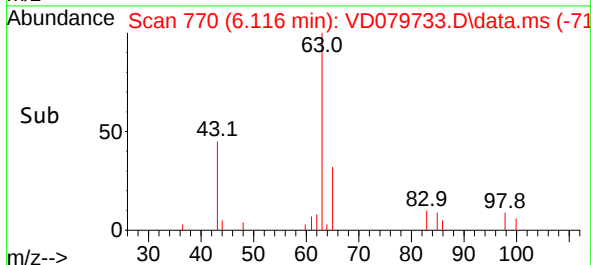
Reviewed By :Mahesh Dadoda 08/15/2024
 Supervised By :Semsettin Yesilyurt 08/15/2024

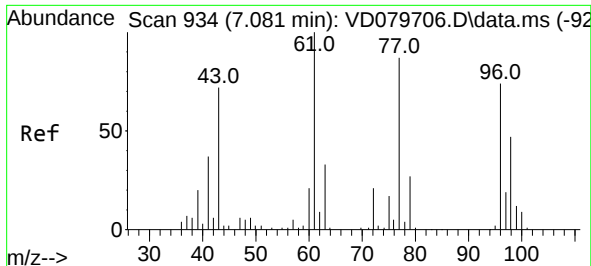


#24
 1,1-Dichloroethane
 Concen: 4.858 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VD079733.D
 Acq: 14 Aug 2024 13:15



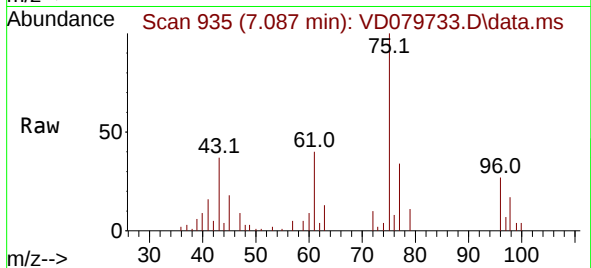
Tgt Ion: 63 Resp: 19095
 Ion Ratio Lower Upper
 63 100
 98 9.3 4.7 14.0
 100 6.0 2.9 8.6





#25
2-Butanone
Concen: 25.735 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD079733.D
Acq: 14 Aug 2024 13:15

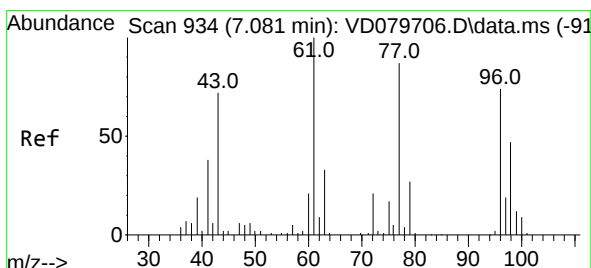
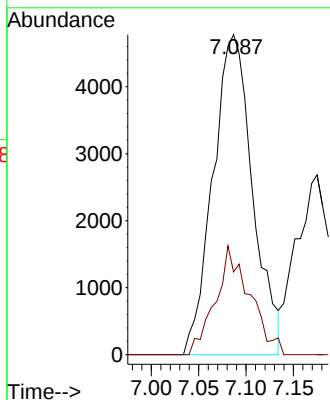
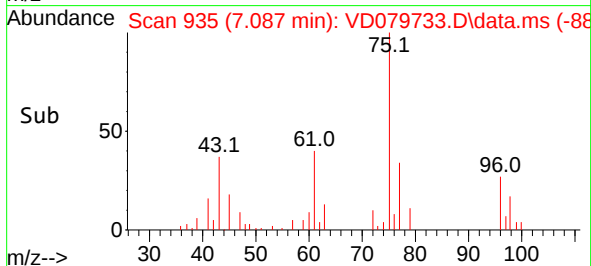
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion: 43 Resp: 1394
Ion Ratio Lower Upper
43 100
72 25.9 26.4 39.6

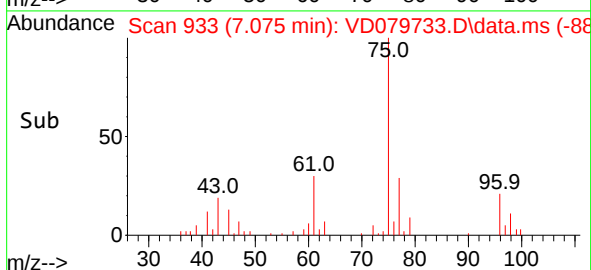
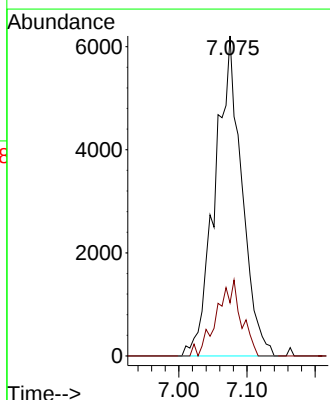
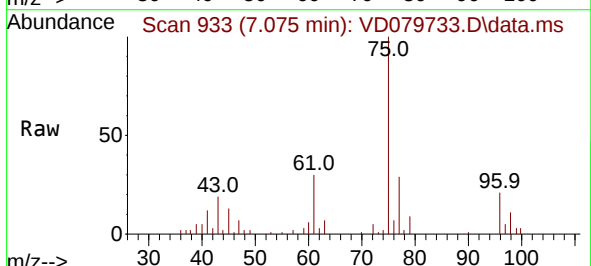
Manual Integrations
APPROVED

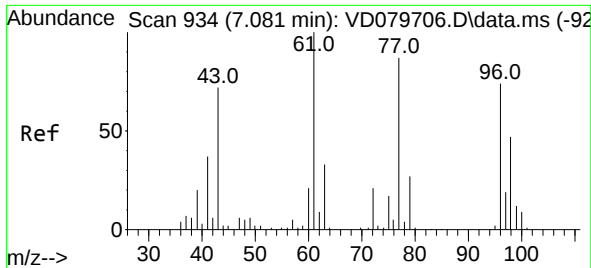
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#26
2,2-Dichloropropane
Concen: 5.462 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD079733.D
Acq: 14 Aug 2024 13:15

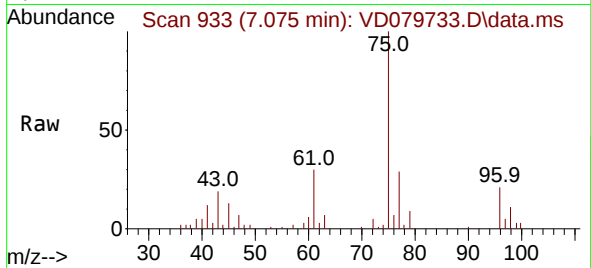
Tgt Ion: 77 Resp: 16954
Ion Ratio Lower Upper
77 100
97 21.6 12.4 37.2





#27
 cis-1,2-Dichloroethene
 Concen: 4.804 ug/l
 RT: 7.075 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VD079733.D
 Acq: 14 Aug 2024 13:15

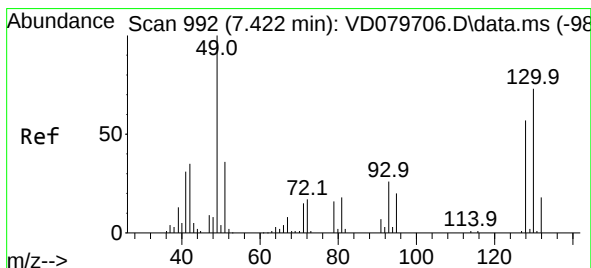
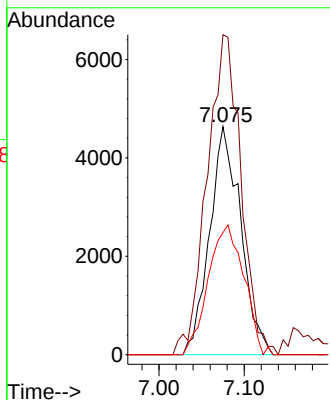
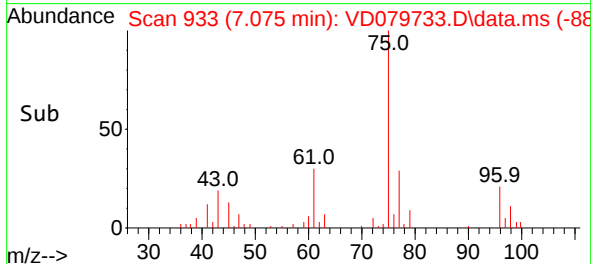
Instrument :
 MSVOA_D
 ClientSampleId :
 MDL-SOIL-03-QT3-2024



Tgt Ion: 96 Resp: 11768
 Ion Ratio Lower Upper
 96 100
 61 153.0 0.0 229.0
 98 65.3 0.0 127.2

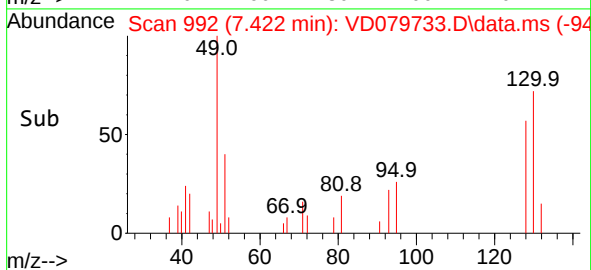
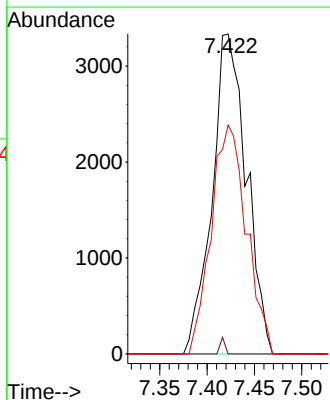
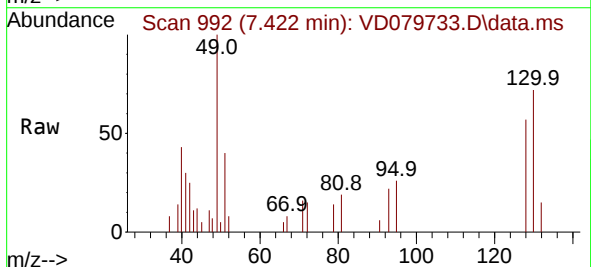
Manual Integrations
 APPROVED

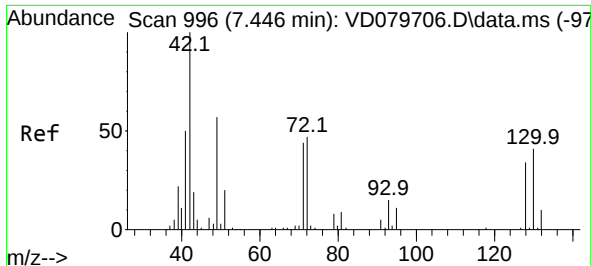
Reviewed By :Mahesh Dadoda 08/15/2024
 Supervised By :Semsettin Yesilyurt 08/15/2024



#28
 Bromochloromethane
 Concen: 5.024 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.000 min
 Lab File: VD079733.D
 Acq: 14 Aug 2024 13:15

Tgt Ion: 49 Resp: 8400
 Ion Ratio Lower Upper
 49 100
 129 0.7 0.0 7.0
 130 73.5 87.7 131.5#





#29

Tetrahydrofuran

Concen: 25.158 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.000 min

Lab File: VD079733.D

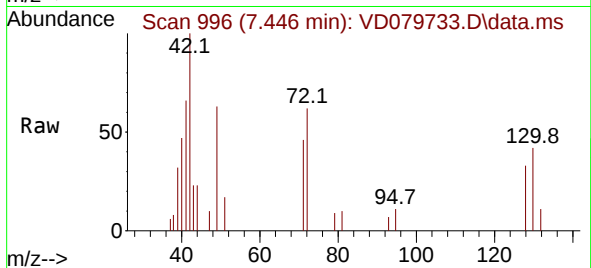
Acq: 14 Aug 2024 13:15

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT3-2024

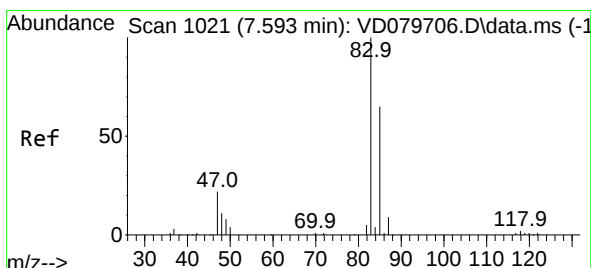
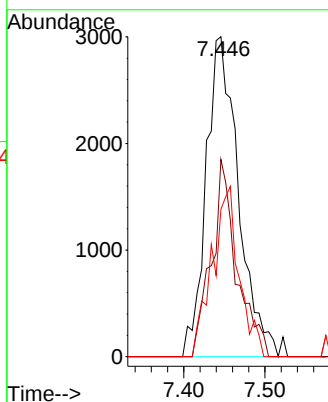
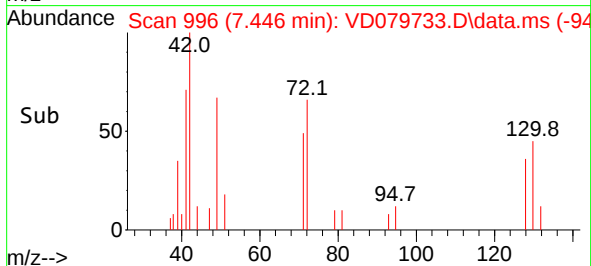


Tgt Ion:	42	Resp:	828
Ion Ratio	Lower	Upper	
42	100		
72	48.1	49.4	74.0
71	44.6	45.0	67.6

Manual Integrations

APPROVED

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



#30

Chloroform

Concen: 5.057 ug/l

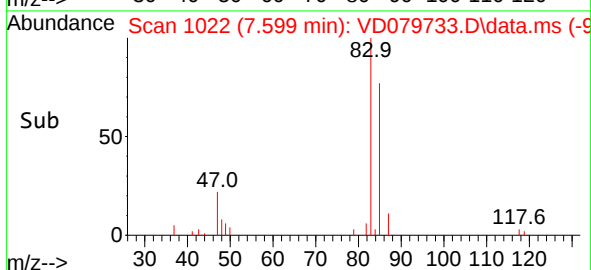
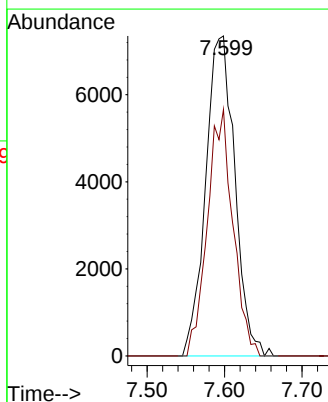
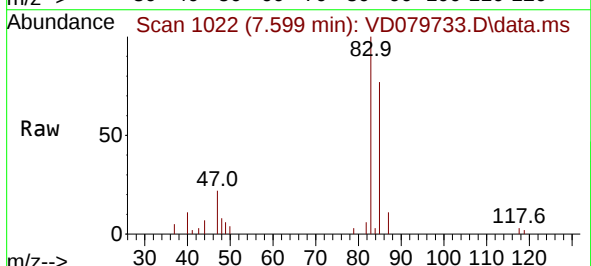
RT: 7.599 min Scan# 1022

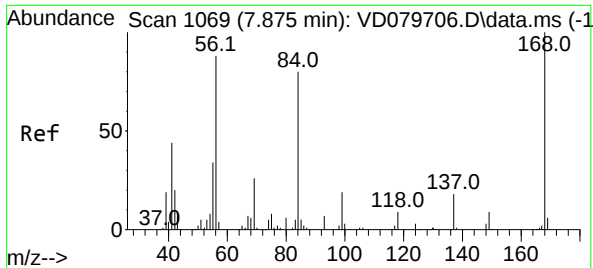
Delta R.T. 0.006 min

Lab File: VD079733.D

Acq: 14 Aug 2024 13:15

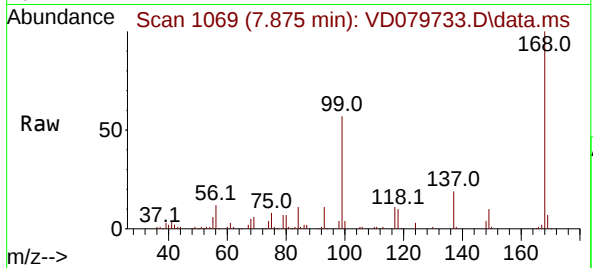
Tgt Ion:	83	Resp:	19303
Ion Ratio	Lower	Upper	
83	100		
85	77.1	51.8	77.6





#31
Cyclohexane
Concen: 5.775 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD079733.D
Acq: 14 Aug 2024 13:15

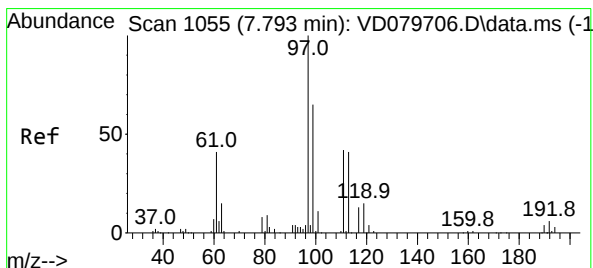
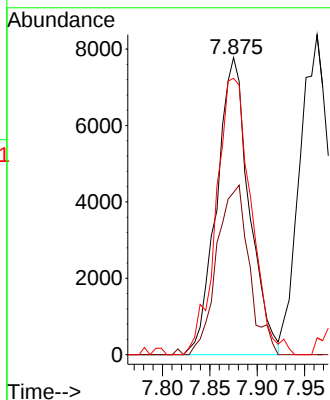
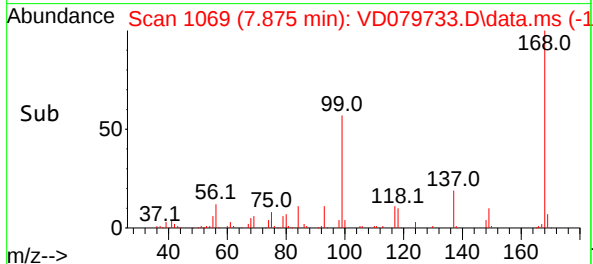
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT3-2024



Tgt Ion: 56 Resp: 18580
Ion Ratio Lower Upper
56 100
69 54.6 28.0 42.0
84 93.0 87.4 131.0

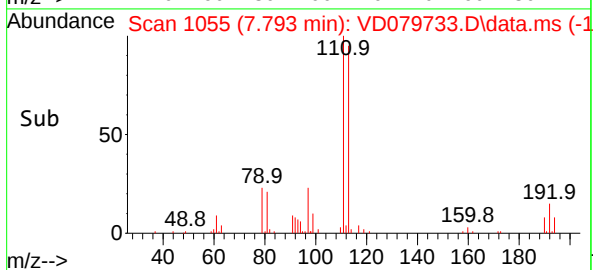
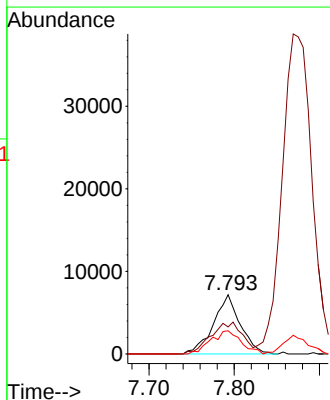
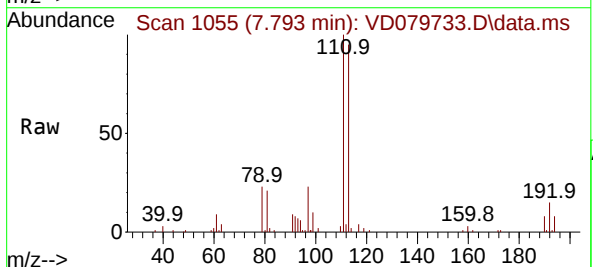
Manual Integrations
APPROVED

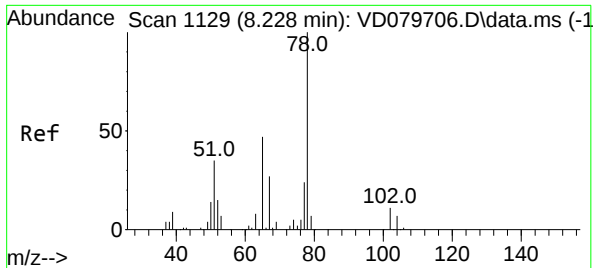
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#32
1,1,1-Trichloroethane
Concen: 4.957 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD079733.D
Acq: 14 Aug 2024 13:15

Tgt Ion: 97 Resp: 15654
Ion Ratio Lower Upper
97 100
99 63.5 51.3 76.9
61 44.0 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 54.684 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD079733.D

Acq: 14 Aug 2024 13:15

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT3-2024

Tgt Ion: 65 Resp: 96280

Ion Ratio Lower Upper

65 100

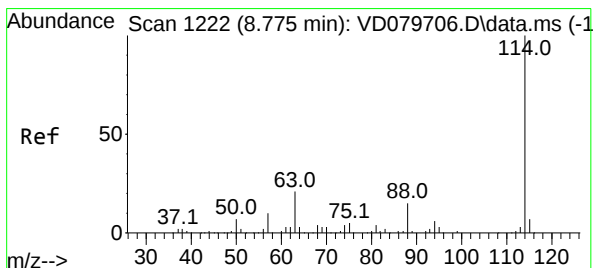
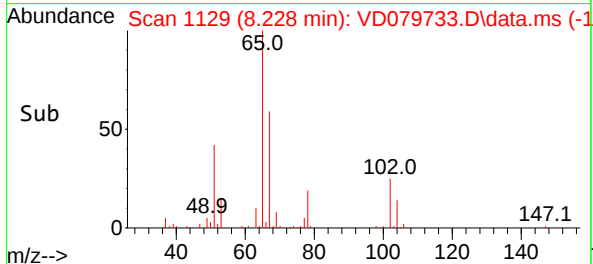
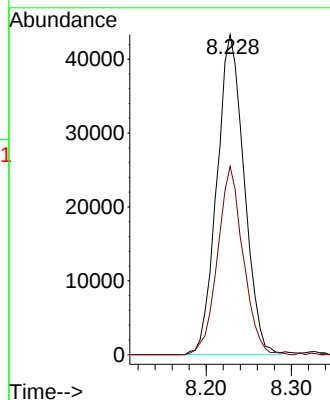
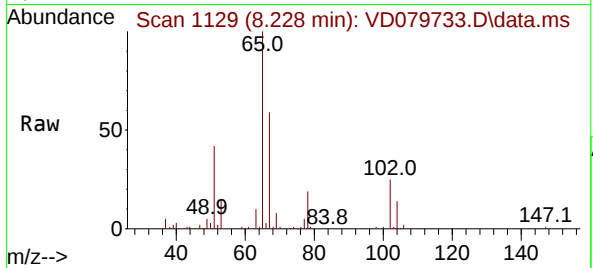
67 55.2 0.0 111.0

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: VD079733.D

Acq: 14 Aug 2024 13:15

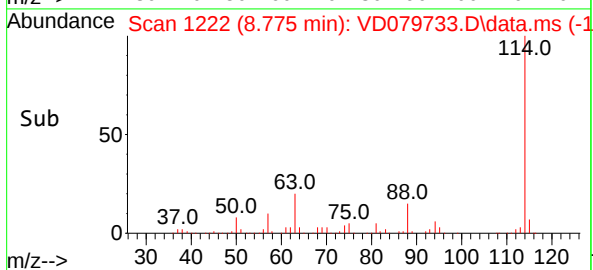
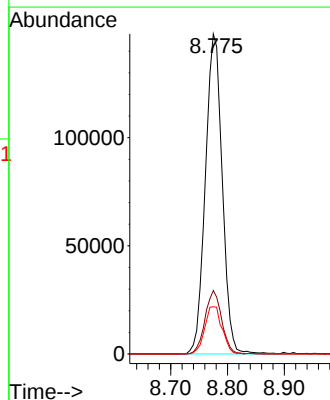
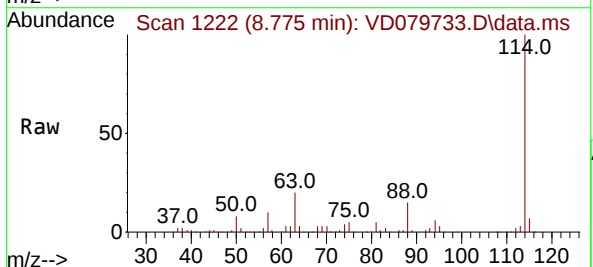
Tgt Ion:114 Resp: 304744

Ion Ratio Lower Upper

114 100

63 19.8 0.0 34.0

88 14.8 0.0 27.2





#35

Dibromofluoromethane

Concen: 49.362 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD079733.D

Acq: 14 Aug 2024 13:15

Instrument :

MSVOA_D

ClientSampleId :

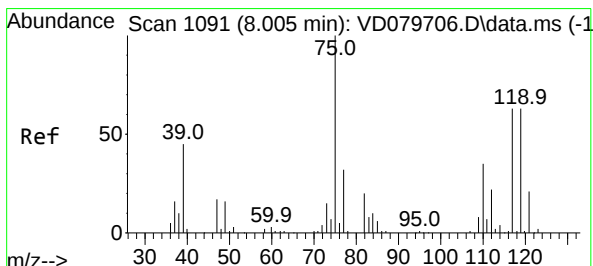
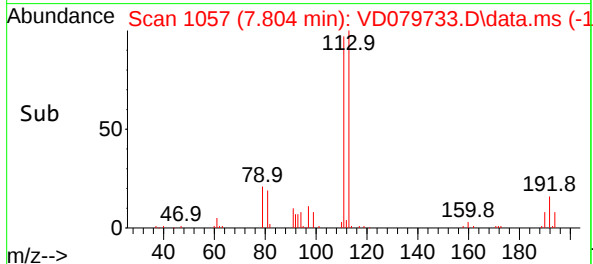
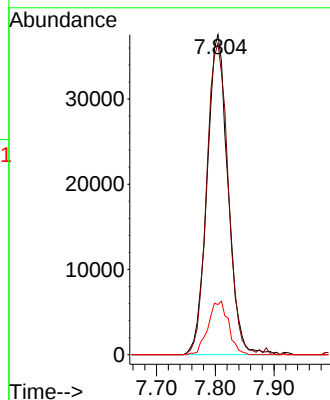
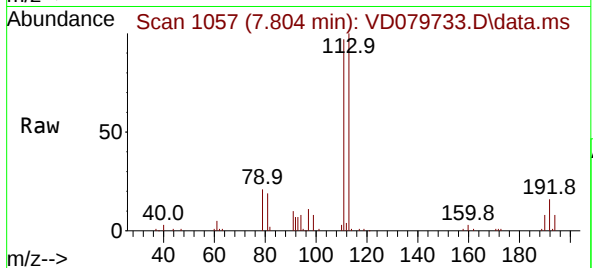
MDL-SOIL-03-QT3-2024

Tgt Ion:	113	Resp:	9273
Ion Ratio	Lower	Upper	
113	100		
111	99.1	84.0	126.0
192	16.4	15.4	23.0

Manual Integrations

APPROVED

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



#36

1,1-Dichloropropene

Concen: 4.345 ug/l

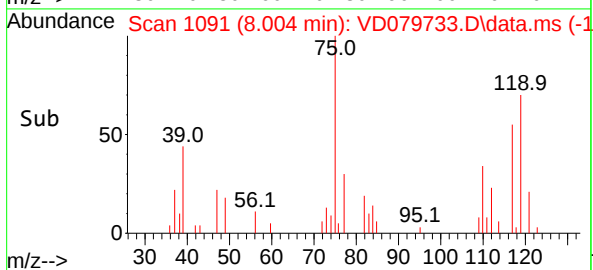
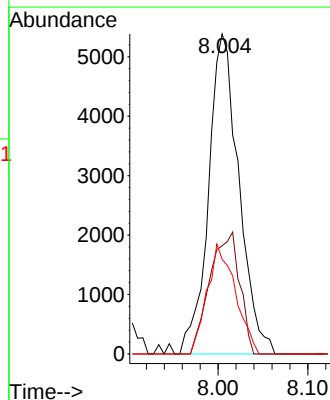
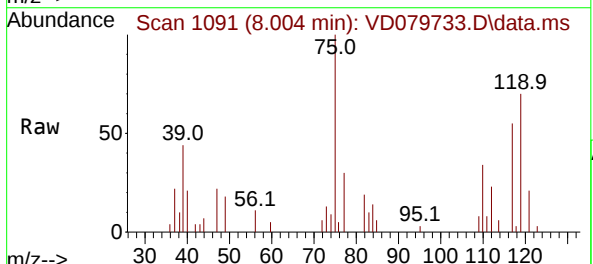
RT: 8.004 min Scan# 1091

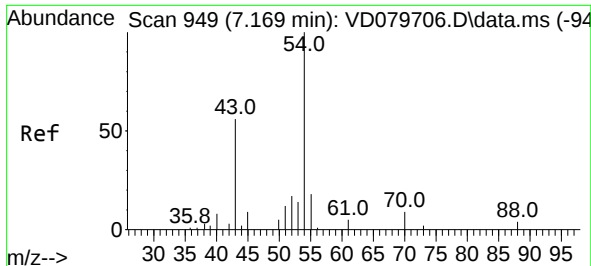
Delta R.T. -0.000 min

Lab File: VD079733.D

Acq: 14 Aug 2024 13:15

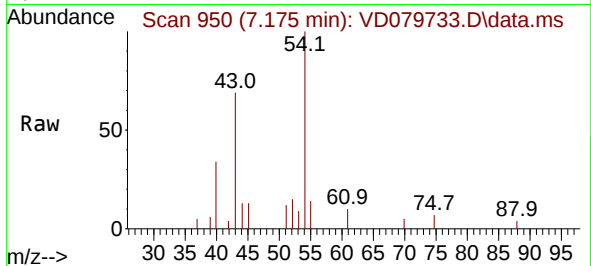
Tgt Ion:	75	Resp:	12652
Ion Ratio	Lower	Upper	
75	100		
110	37.3	19.6	58.7
77	31.8	26.1	39.1





#37
Ethyl Acetate
Concen: 5.258 ug/l m
RT: 7.175 min Scan# 949
Delta R.T. 0.006 min
Lab File: VD079733.D
Acq: 14 Aug 2024 13:15

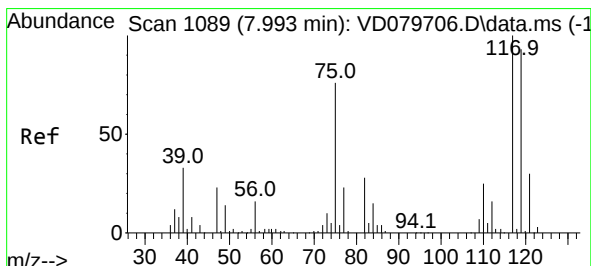
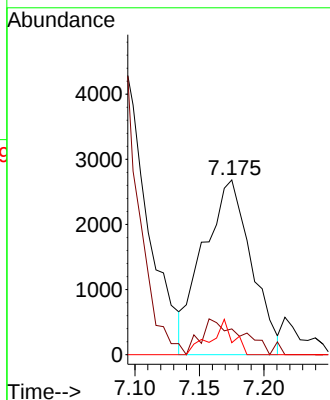
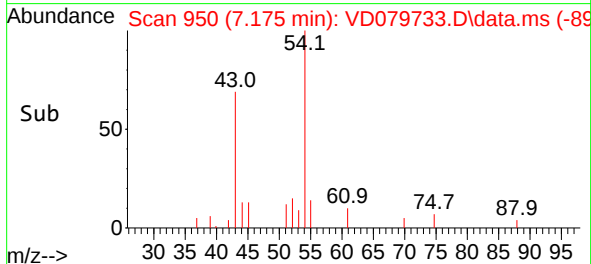
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion: 43 Resp: 6930
Ion Ratio Lower Upper
43 100
61 18.0 13.9 20.9
70 9.4 9.8 14.6

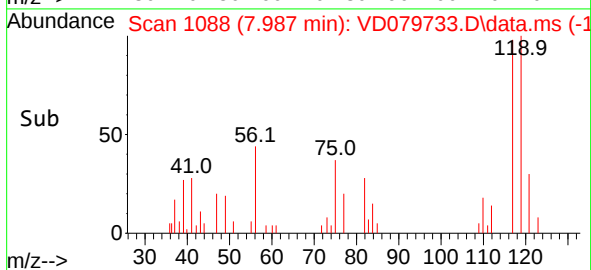
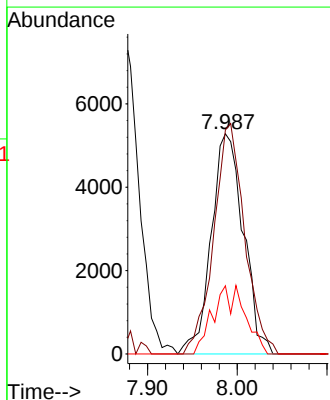
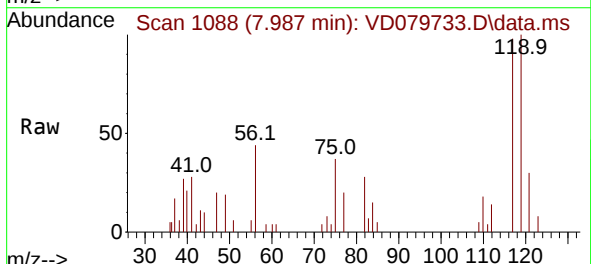
Manual Integrations
APPROVED

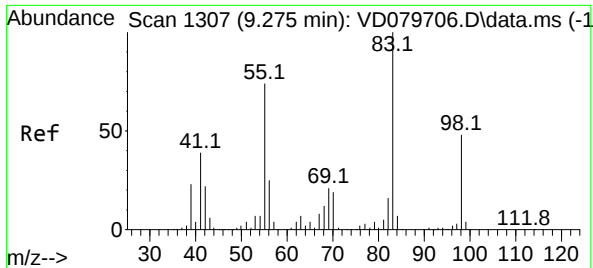
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#38
Carbon Tetrachloride
Concen: 4.454 ug/l
RT: 7.987 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD079733.D
Acq: 14 Aug 2024 13:15

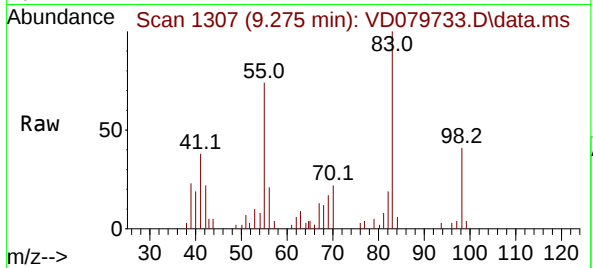
Tgt Ion:117 Resp: 13165
Ion Ratio Lower Upper
117 100
119 101.8 75.4 113.0
121 30.9 25.0 37.4





#39
Methylcyclohexane
Concen: 4.671 ug/l
RT: 9.275 min Scan# 11307
Delta R.T. -0.000 min
Lab File: VD079733.D
Acq: 14 Aug 2024 13:15

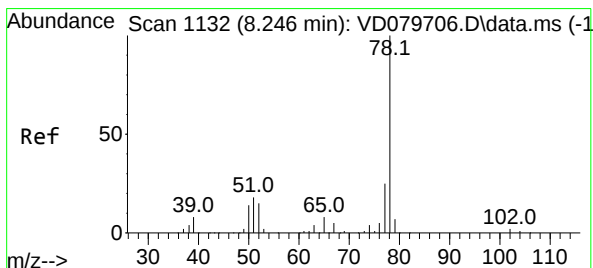
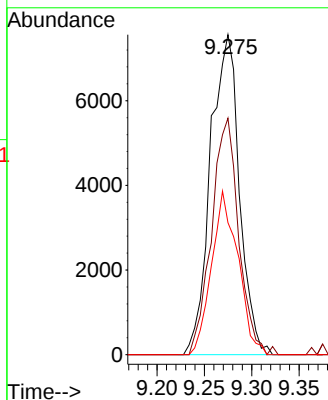
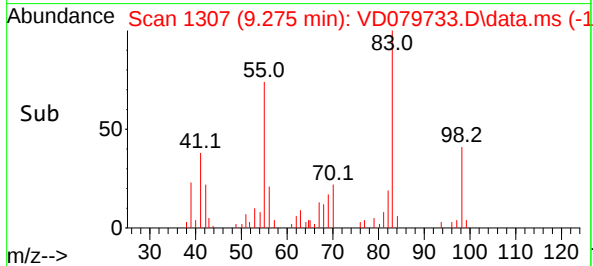
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT3-2024



Tgt Ion: 83 Resp: 16078
Ion Ratio Lower Upper
83 100
55 73.9 50.1 75.1
98 41.3 41.9 62.9

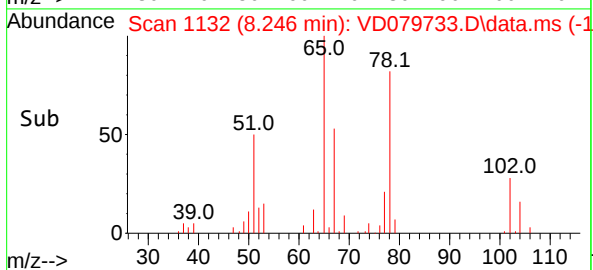
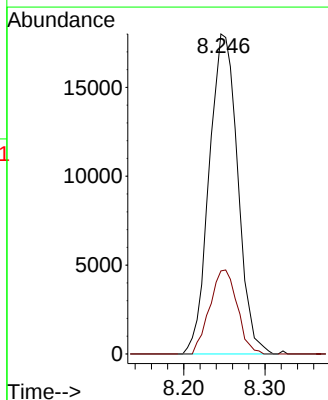
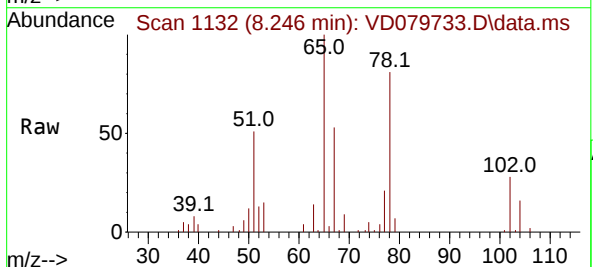
Manual Integrations
APPROVED

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



#40
Benzene
Concen: 4.636 ug/l
RT: 8.246 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VD079733.D
Acq: 14 Aug 2024 13:15

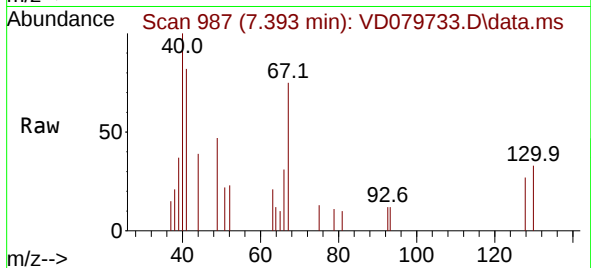
Tgt Ion: 78 Resp: 43911
Ion Ratio Lower Upper
78 100
77 26.0 18.1 27.1





#41
Methacrylonitrile
Concen: 5.201 ug/l
RT: 7.393 min Scan# 987
Delta R.T. -0.006 min
Lab File: VD079733.D
Acq: 14 Aug 2024 13:15

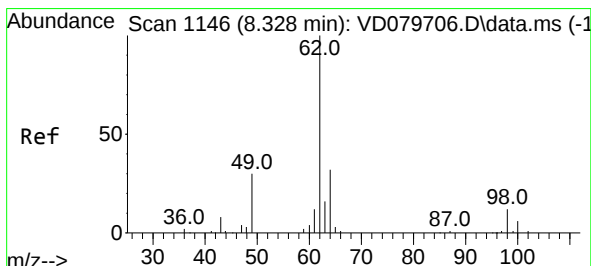
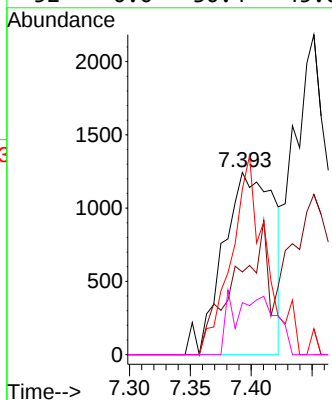
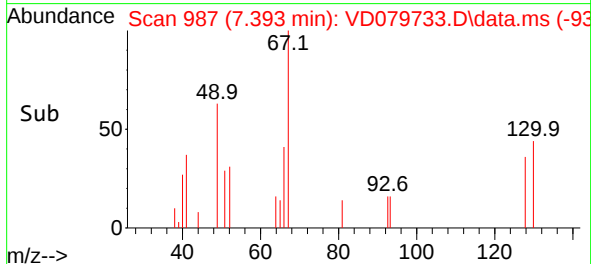
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT3-2024



Tgt Ion: 41 Resp: 3610
Ion Ratio Lower Upper
41 100
39 46.3 41.4 62.0
67 74.5 85.8 128.6
52 0.0 30.4 45.6#

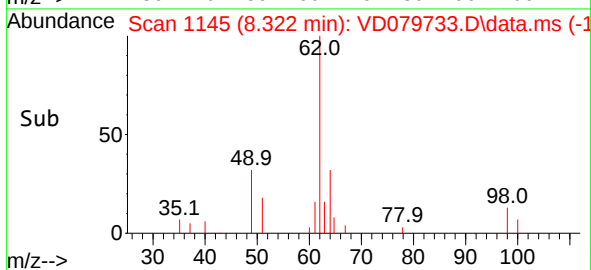
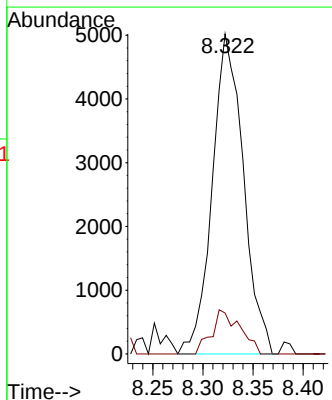
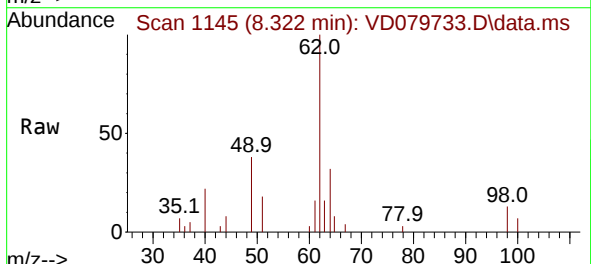
Manual Integrations
APPROVED

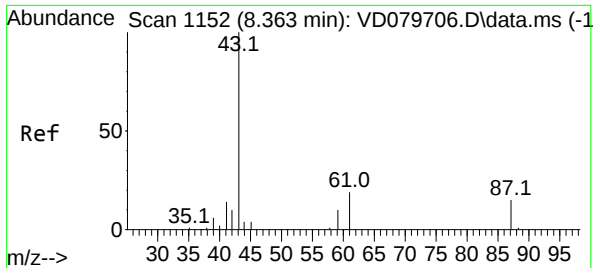
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#42
1,2-Dichloroethane
Concen: 4.949 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD079733.D
Acq: 14 Aug 2024 13:15

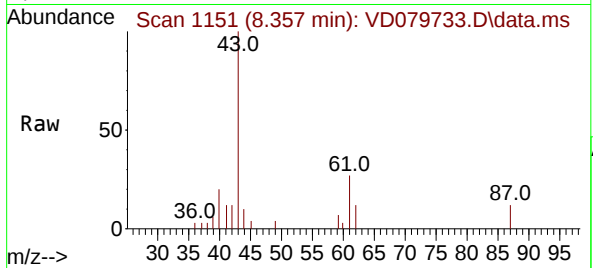
Tgt Ion: 62 Resp: 10834
Ion Ratio Lower Upper
62 100
98 12.5 0.0 25.8





#43
Isopropyl Acetate
Concen: 4.854 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD079733.D
Acq: 14 Aug 2024 13:15

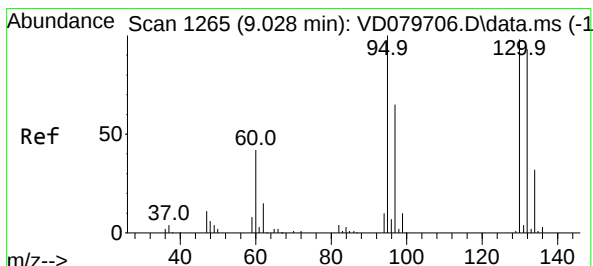
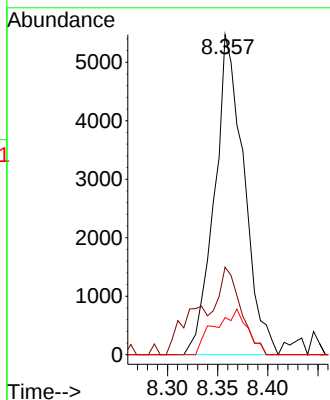
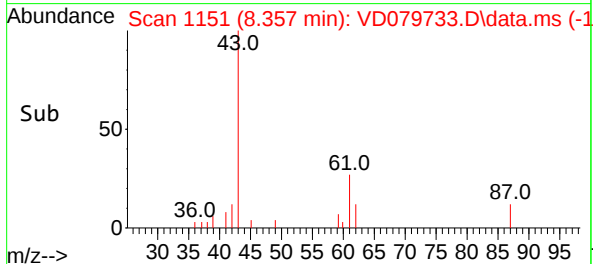
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT3-2024



Tgt Ion: 43 Resp: 11150
Ion Ratio Lower Upper
43 100
61 22.5 29.3 43.9
87 16.1 14.9 22.3

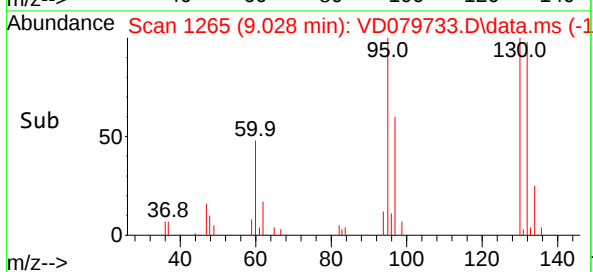
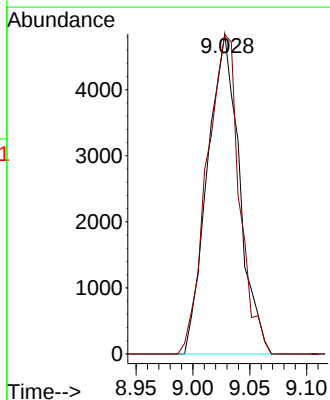
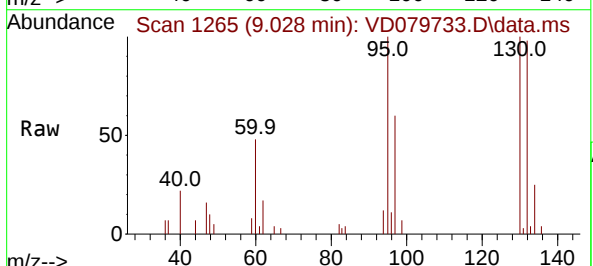
Manual Integrations
APPROVED

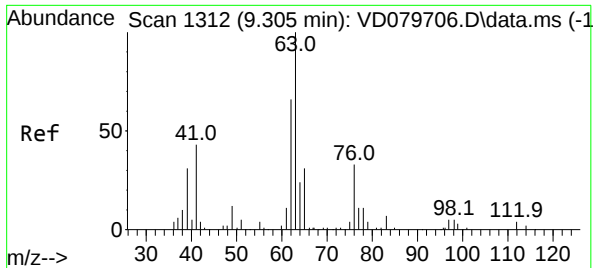
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#44
Trichloroethene
Concen: 4.565 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD079733.D
Acq: 14 Aug 2024 13:15

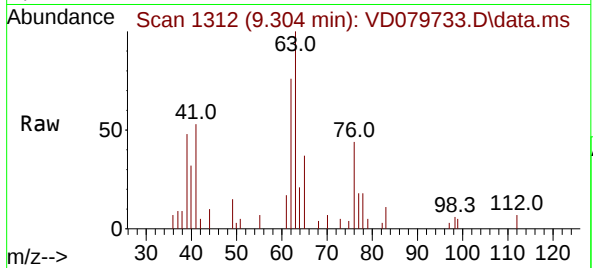
Tgt Ion:130 Resp: 9497
Ion Ratio Lower Upper
130 100
95 99.8 0.0 177.8





#45
1,2-Dichloropropane
Concen: 4.366 ug/l
RT: 9.304 min Scan# 1312
Delta R.T. -0.000 min
Lab File: VD079733.D
Acq: 14 Aug 2024 13:15

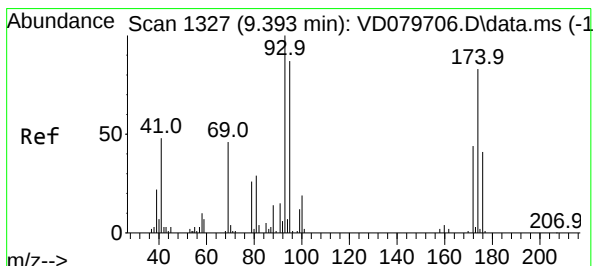
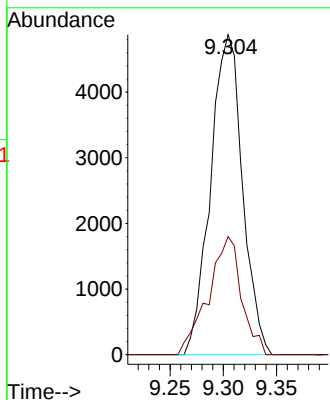
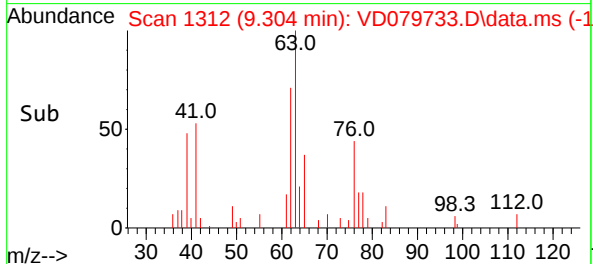
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT3-2024



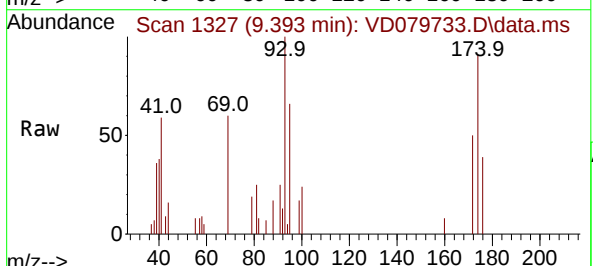
Tgt Ion: 63 Resp: 10178
Ion Ratio Lower Upper
63 100
65 36.9 23.8 35.8

Manual Integrations
APPROVED

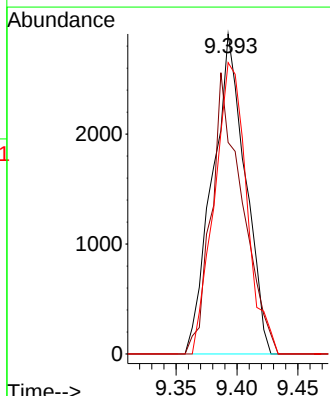
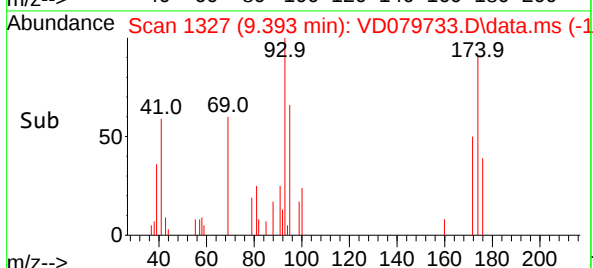
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024

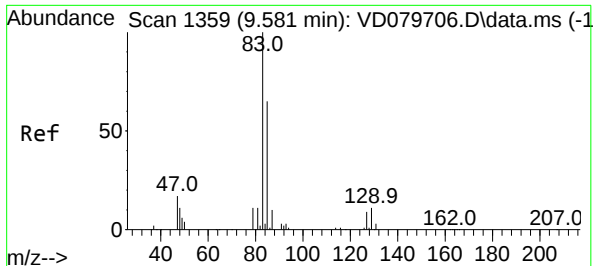


#46
Dibromomethane
Concen: 4.627 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. -0.000 min
Lab File: VD079733.D
Acq: 14 Aug 2024 13:15



Tgt Ion: 93 Resp: 5461
Ion Ratio Lower Upper
93 100
95 82.5 65.6 98.4
174 89.7 82.3 123.5





#47

Bromodichloromethane

Concen: 4.597 ug/l

RT: 9.581 min Scan# 1359

Delta R.T. -0.000 min

Lab File: VD079733.D

Acq: 14 Aug 2024 13:15

Instrument :

MSVOA_D

ClientSampleId :

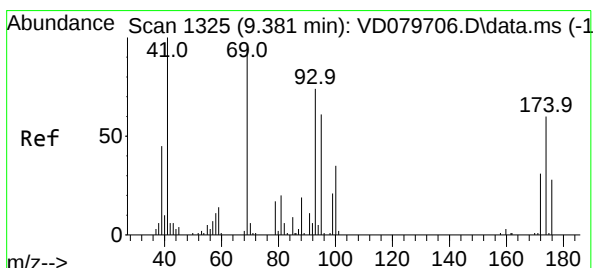
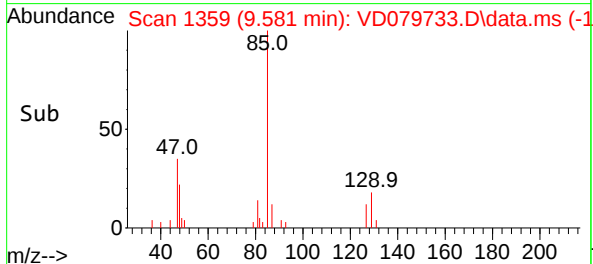
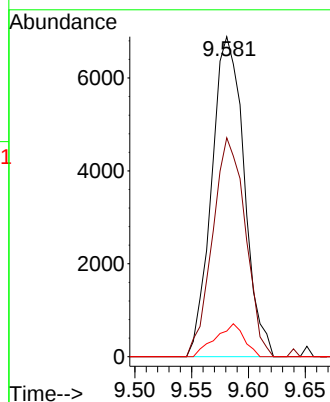
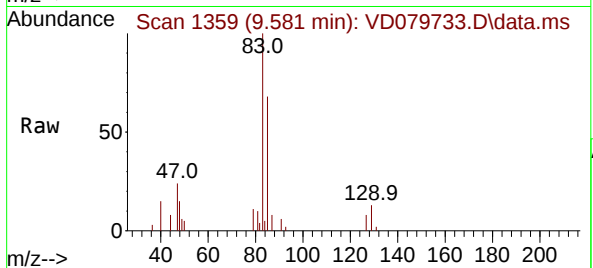
MDL-SOIL-03-QT3-2024

Tgt Ion: 83	Resp: 1367
Ion Ratio	Lower Upper
83 100	
85 68.4	50.1 75.1
127 8.0	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: 5.138 ug/l

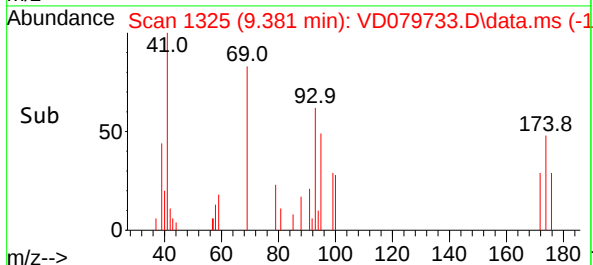
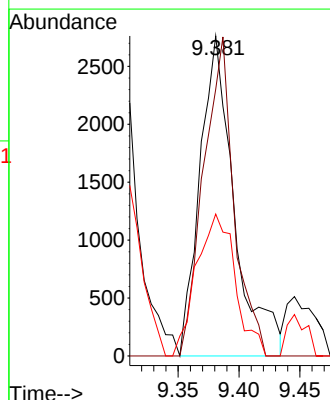
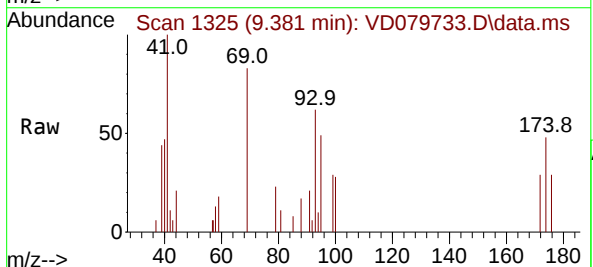
RT: 9.381 min Scan# 1325

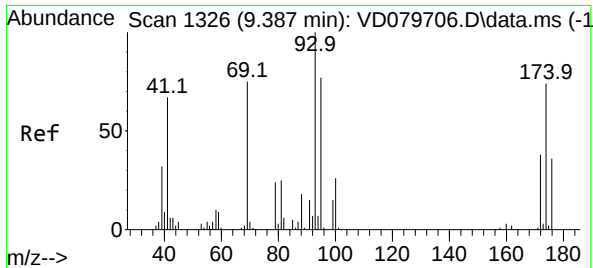
Delta R.T. -0.000 min

Lab File: VD079733.D

Acq: 14 Aug 2024 13:15

Tgt Ion: 41	Resp: 5432
Ion Ratio	Lower Upper
41 100	
69 87.9	96.7 145.1
39 49.7	43.8 65.6





#49

1,4-Dioxane

Concen: 86.710 ug/l

RT: 9.387 min Scan# 1326

Delta R.T. -0.000 min

Lab File: VD079733.D

Acq: 14 Aug 2024 13:15

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT3-2024

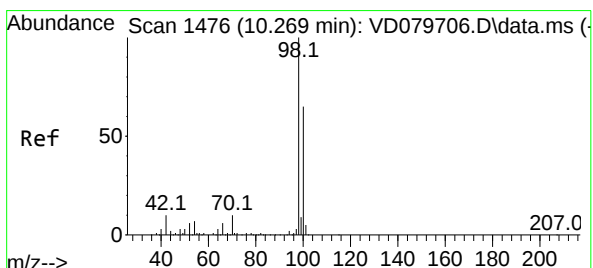
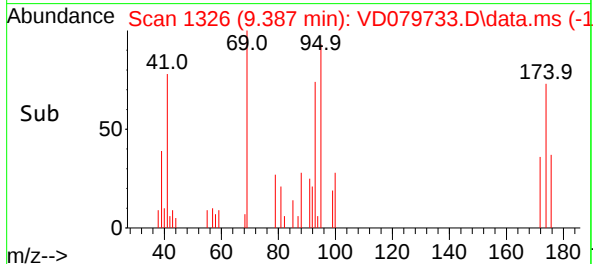
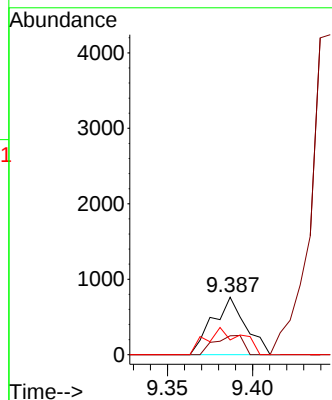
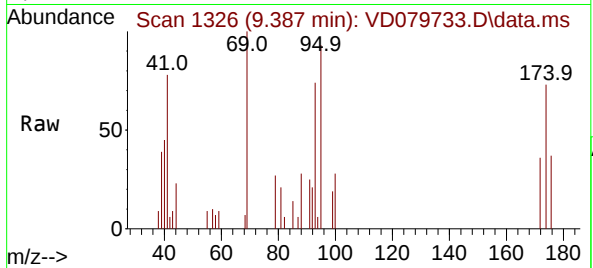
Tgt Ion: 88 Resp: 1030

Ion	Ratio	Lower	Upper
88	100		
43	29.0	21.5	32.3
58	50.3	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: 48.505 ug/l

RT: 10.269 min Scan# 1476

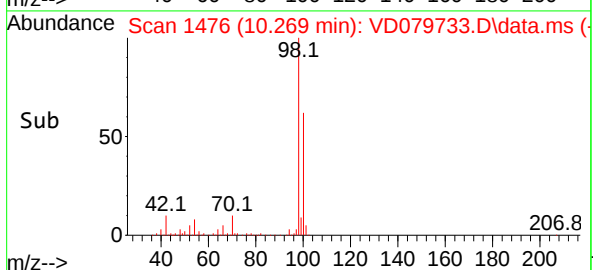
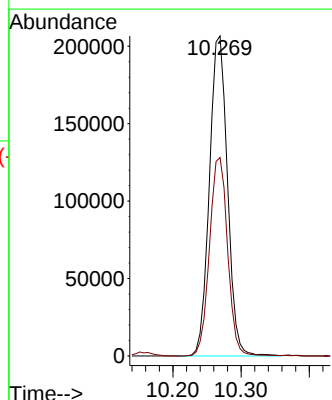
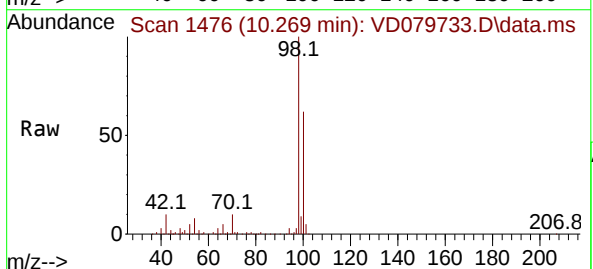
Delta R.T. 0.000 min

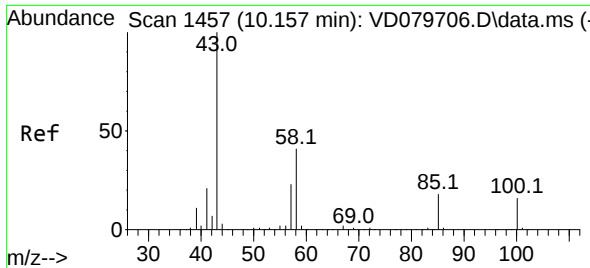
Lab File: VD079733.D

Acq: 14 Aug 2024 13:15

Tgt Ion: 98 Resp: 380862

Ion	Ratio	Lower	Upper
98	100		
100	62.2	51.6	77.4





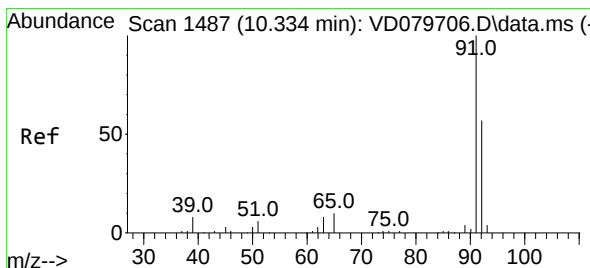
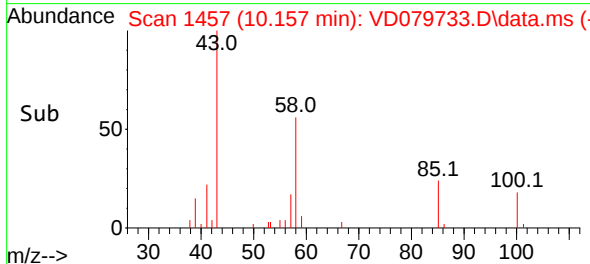
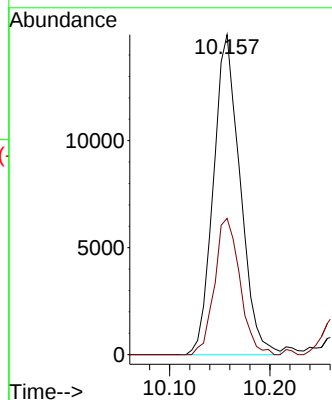
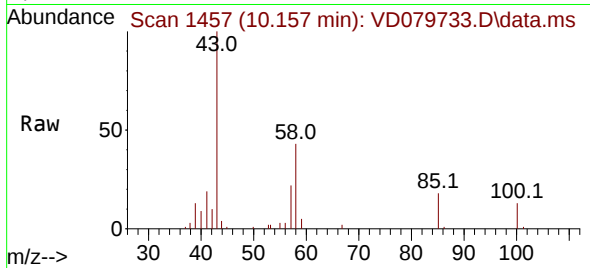
#51
4-Methyl-2-Pentanone
Concen: 23.377 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD079733.D
Acq: 14 Aug 2024 13:15

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

Tgt Ion: 43 Resp: 2764
Ion Ratio Lower Upper
43 100
58 40.4 36.6 55.0

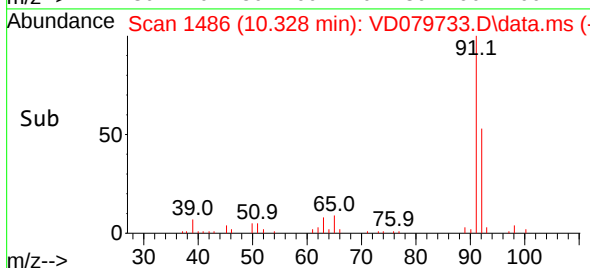
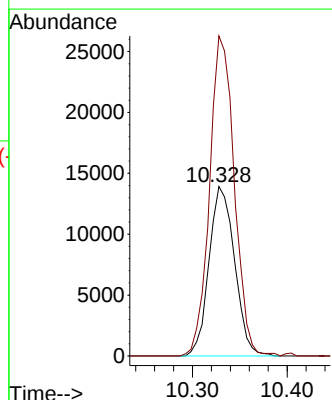
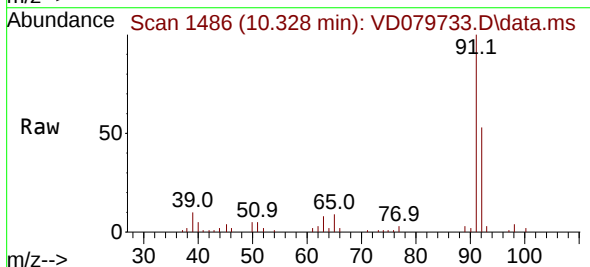
Manual Integrations
APPROVED

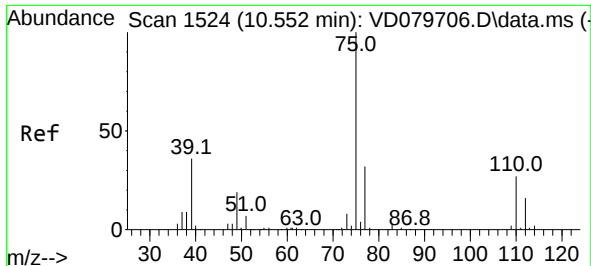
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#52
Toluene
Concen: 4.600 ug/l
RT: 10.328 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VD079733.D
Acq: 14 Aug 2024 13:15

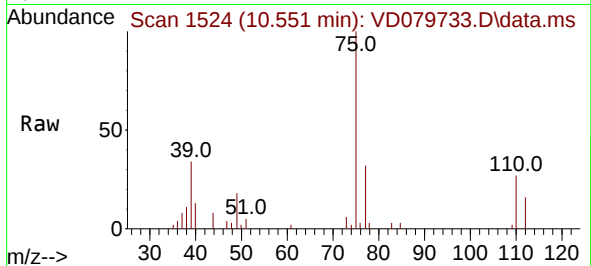
Tgt Ion: 92 Resp: 26124
Ion Ratio Lower Upper
92 100
91 183.0 141.7 212.5





#53
t-1,3-Dichloropropene
Concen: 4.740 ug/l
RT: 10.551 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079733.D
Acq: 14 Aug 2024 13:15

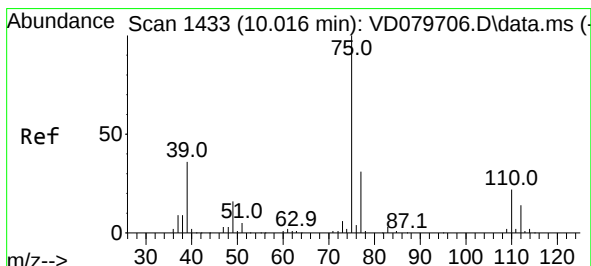
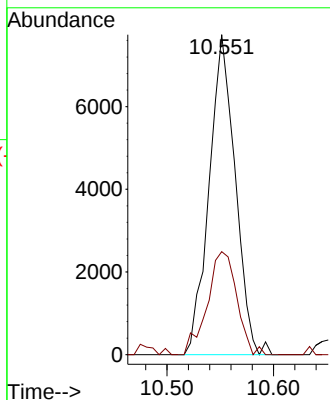
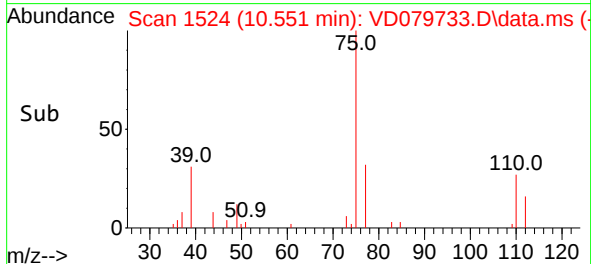
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT3-2024



Tgt Ion: 75 Resp: 1318
Ion Ratio Lower Upper
75 100
77 32.2 25.0 37.6

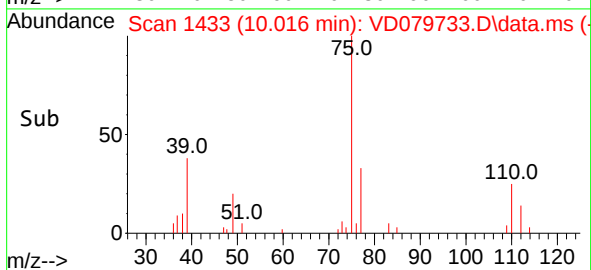
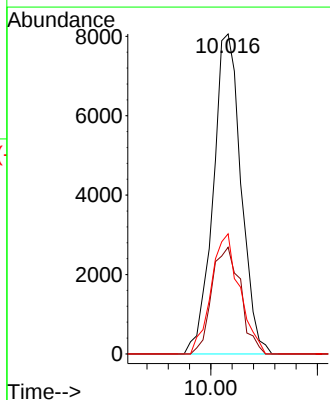
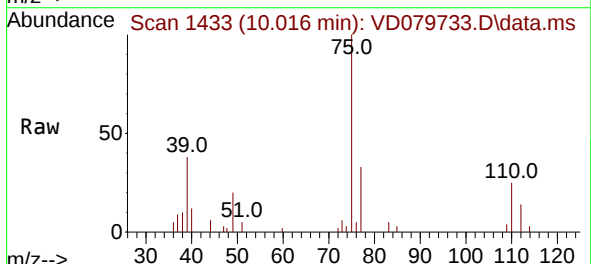
Manual Integrations
APPROVED

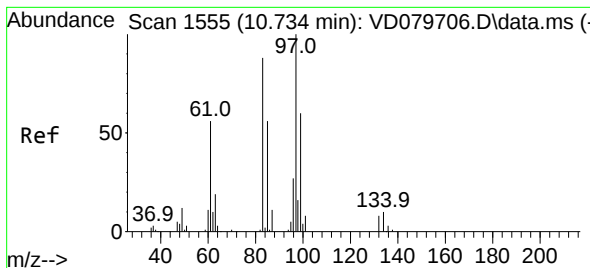
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#54
cis-1,3-Dichloropropene
Concen: 4.294 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD079733.D
Acq: 14 Aug 2024 13:15

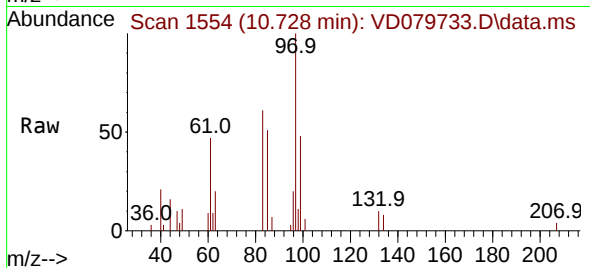
Tgt Ion: 75 Resp: 14658
Ion Ratio Lower Upper
75 100
77 33.4 24.4 36.6
39 37.6 24.2 36.2#





#55
1,1,2-Trichloroethane
Concen: 4.689 ug/l
RT: 10.728 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VD079733.D
Acq: 14 Aug 2024 13:15

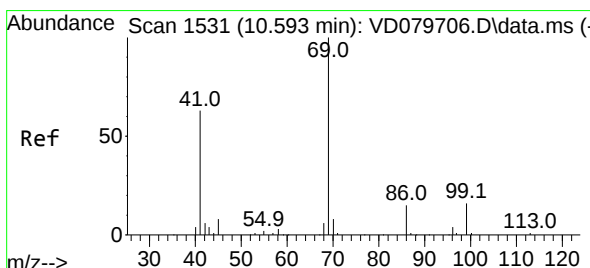
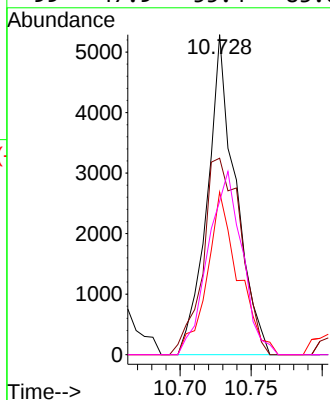
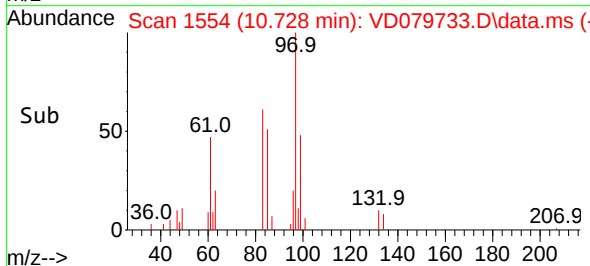
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT3-2024



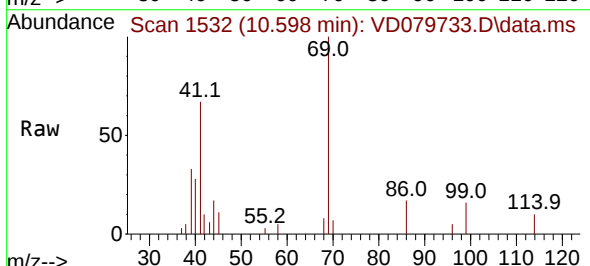
Tgt Ion	Ratio	Lower	Upper
97	100		
83	61.4	65.8	98.8
85	50.8	43.8	65.8
99	47.9	55.4	83.0

Manual Integrations
APPROVED

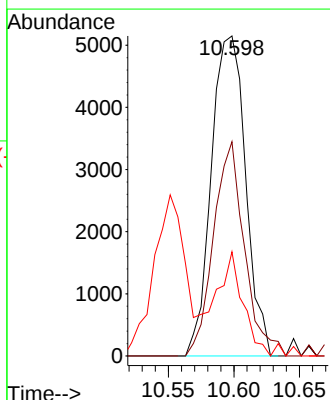
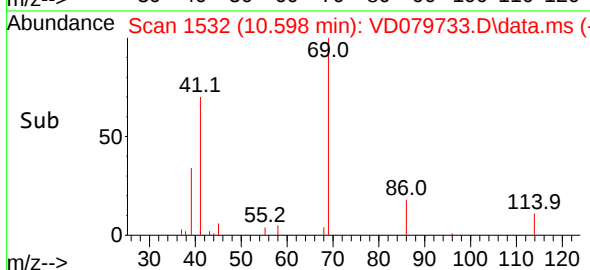
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024

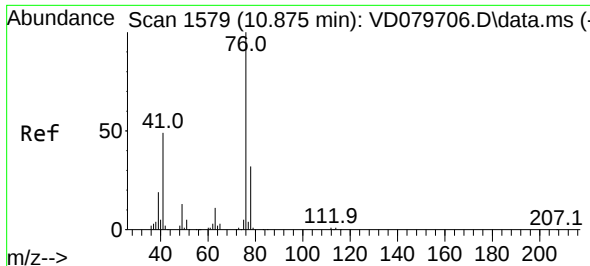


#56
Ethyl methacrylate
Concen: 4.883 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.005 min
Lab File: VD079733.D
Acq: 14 Aug 2024 13:15



Tgt Ion	Ratio	Lower	Upper
69	100		
41	60.4	39.8	59.6
39	25.1	20.2	30.4





#57

1,3-Dichloropropane

Concen: 4.886 ug/l

RT: 10.881 min Scan# 1579

Delta R.T. 0.006 min

Lab File: VD079733.D

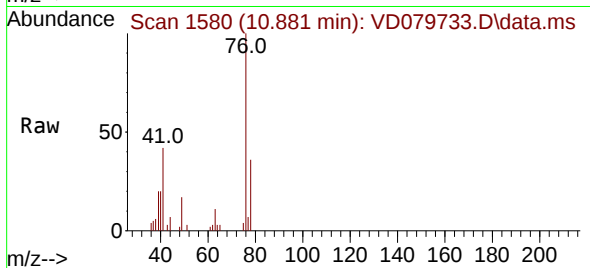
Acq: 14 Aug 2024 13:15

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT3-2024



Tgt Ion: 76 Resp: 1325

Ion Ratio Lower Upper

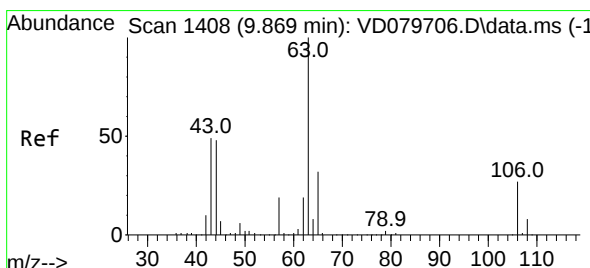
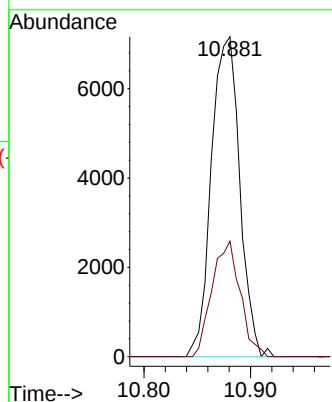
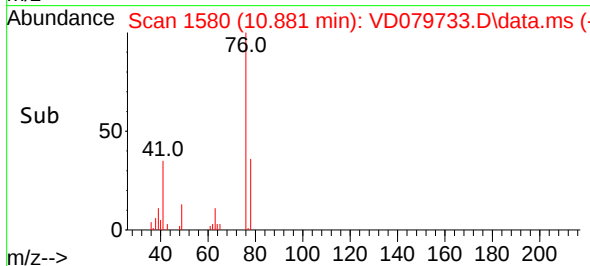
76 100

78 35.8 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: 22.381 ug/l

RT: 9.863 min Scan# 1407

Delta R.T. -0.006 min

Lab File: VD079733.D

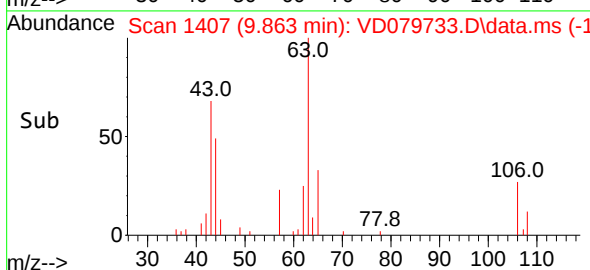
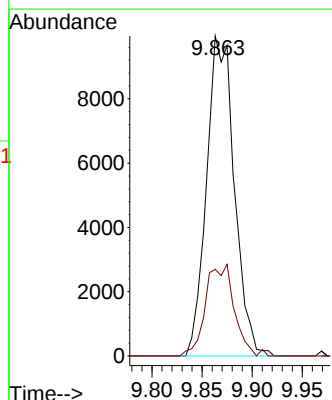
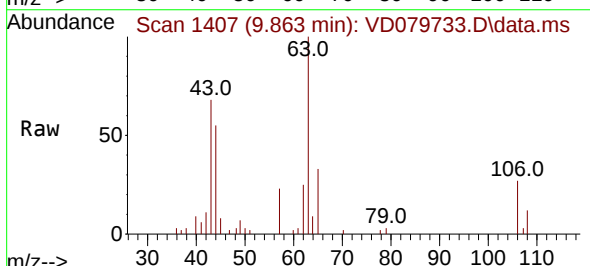
Acq: 14 Aug 2024 13:15

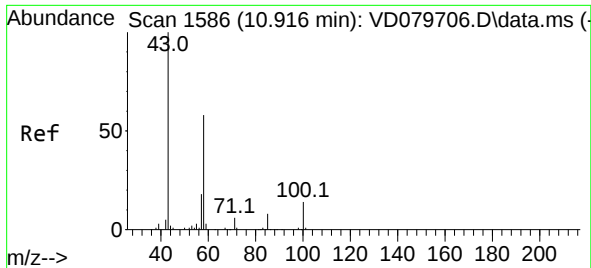
Tgt Ion: 63 Resp: 19203

Ion Ratio Lower Upper

63 100

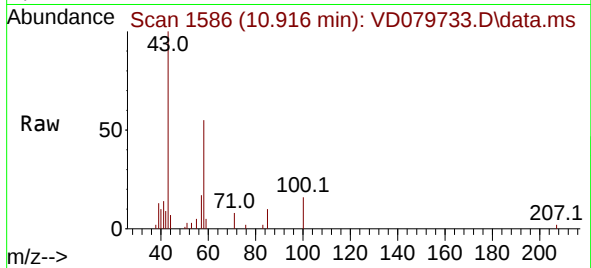
106 29.5 26.4 39.6





#59
2-Hexanone
Concen: 22.802 ug/l
RT: 10.916 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VD079733.D
Acq: 14 Aug 2024 13:15

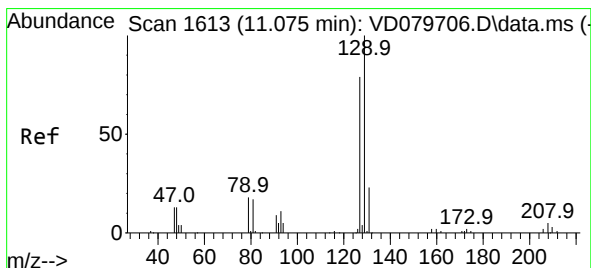
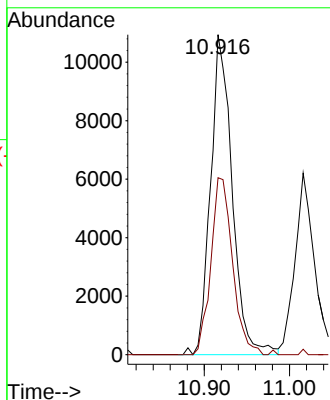
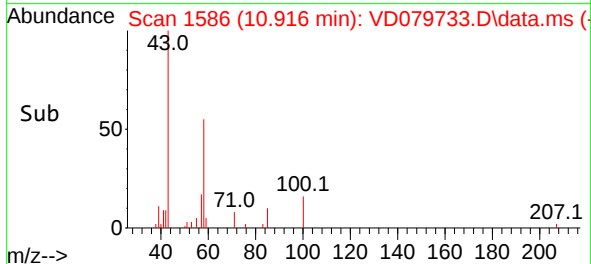
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion: 43 Resp: 19289
Ion Ratio Lower Upper
43 100
58 55.5 31.1 93.5

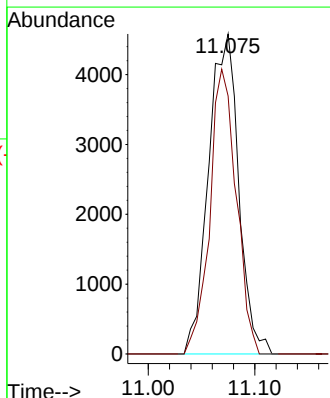
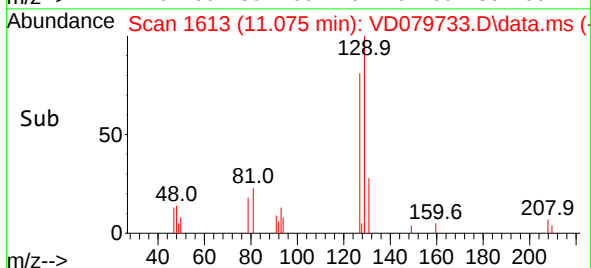
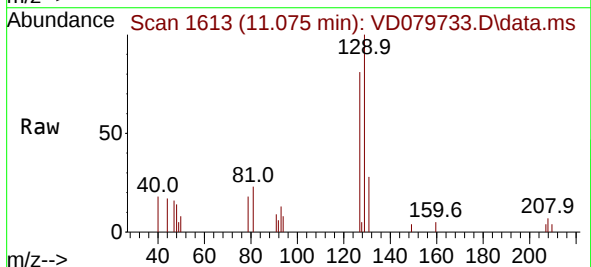
Manual Integrations
APPROVED

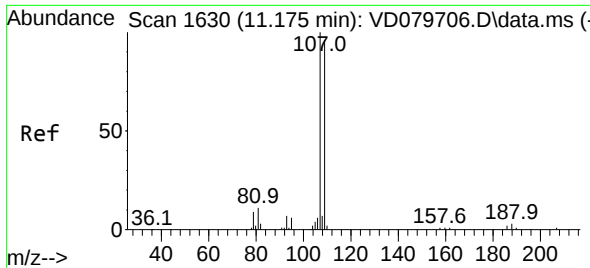
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#60
Dibromochloromethane
Concen: 4.652 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD079733.D
Acq: 14 Aug 2024 13:15

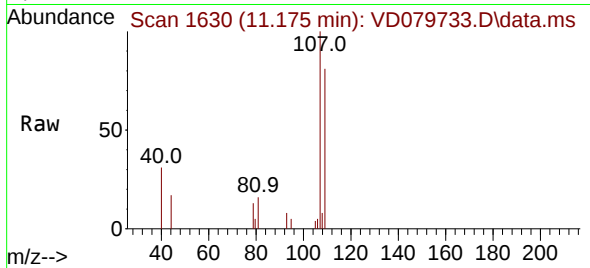
Tgt Ion:129 Resp: 9017
Ion Ratio Lower Upper
129 100
127 78.0 38.0 113.9





#61
1,2-Dibromoethane
Concen: 5.134 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VD079733.D
Acq: 14 Aug 2024 13:15

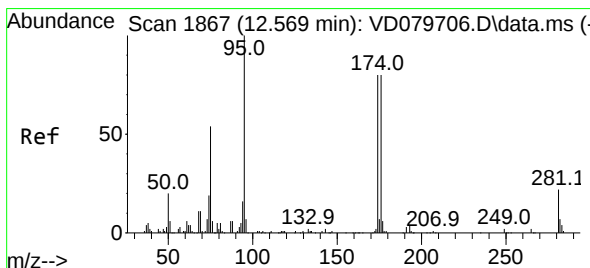
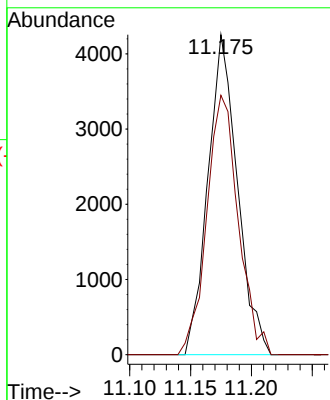
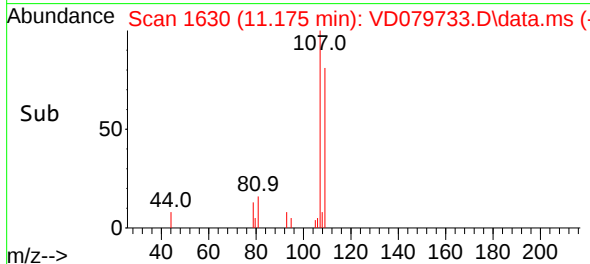
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2024



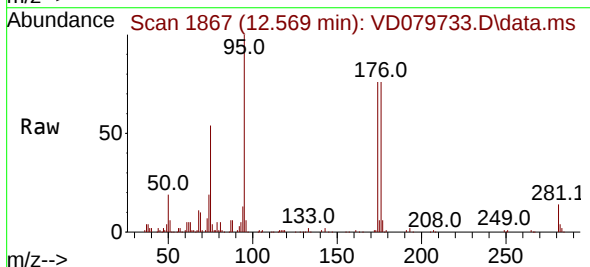
Tgt Ion:107 Resp: 717
Ion Ratio Lower Upper
107 100
109 86.6 72.0 108.0

Manual Integrations
APPROVED

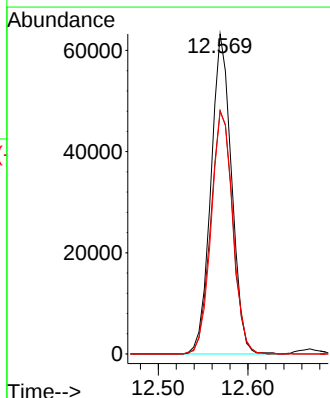
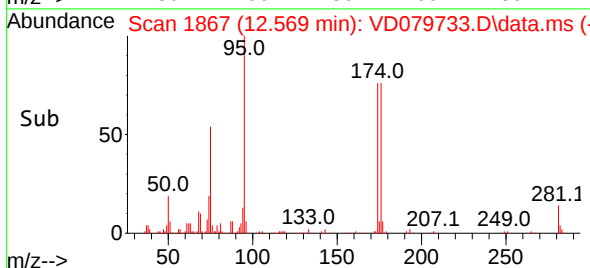
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024

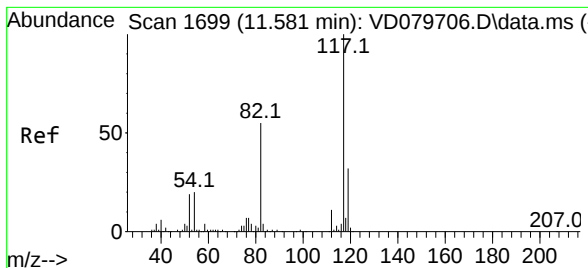


#62
4-Bromofluorobenzene
Concen: 45.958 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079733.D
Acq: 14 Aug 2024 13:15



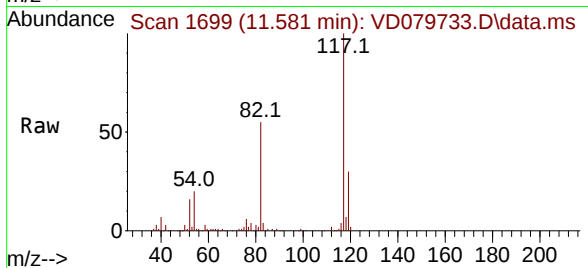
Tgt Ion: 95 Resp: 101041
Ion Ratio Lower Upper
95 100
174 80.2 0.0 195.4
176 79.4 0.0 192.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079733.D
Acq: 14 Aug 2024 13:15

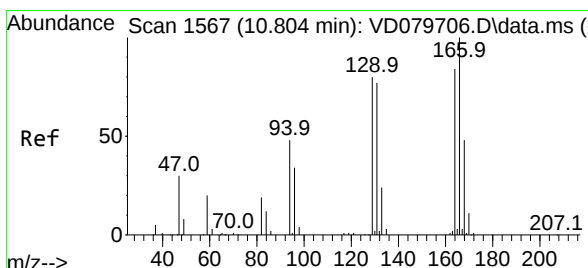
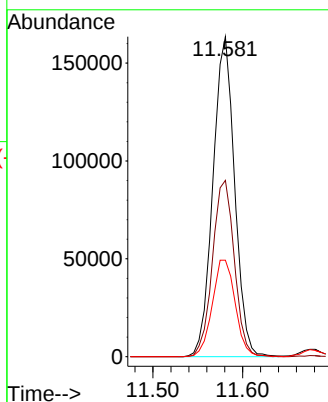
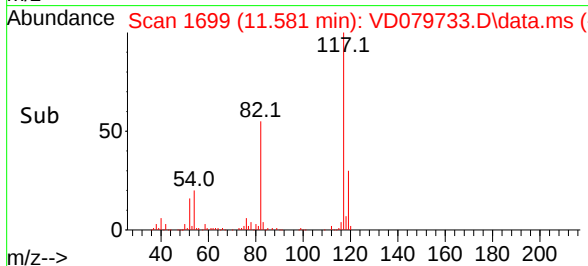
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT3-2024



Tgt Ion:117 Resp: 274320
Ion Ratio Lower Upper
117 100
82 55.1 39.8 59.6
119 30.1 25.7 38.5

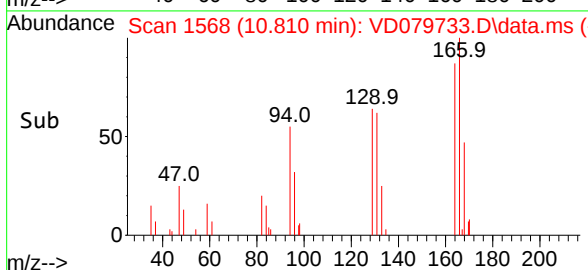
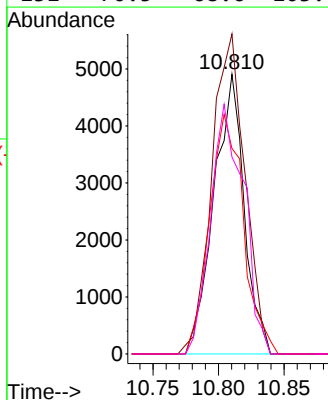
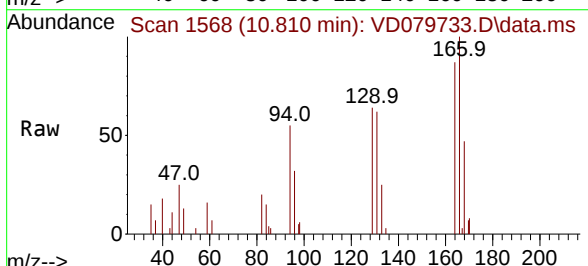
Manual Integrations
APPROVED

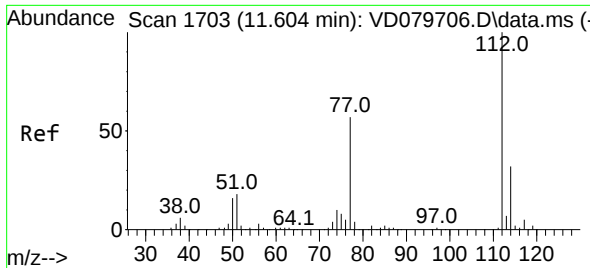
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#64
Tetrachloroethene
Concen: 4.692 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VD079733.D
Acq: 14 Aug 2024 13:15

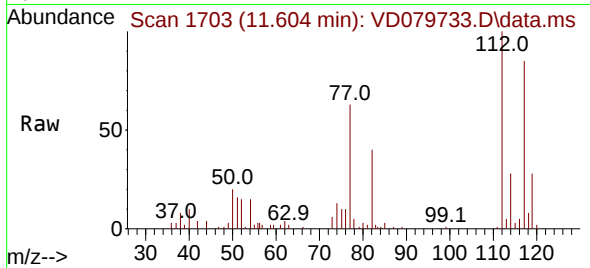
Tgt Ion:164 Resp: 7865
Ion Ratio Lower Upper
164 100
166 114.4 108.6 163.0
129 73.5 74.6 112.0#
131 70.5 68.6 103.0





#65
Chlorobenzene
Concen: 4.724 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD079733.D
Acq: 14 Aug 2024 13:15

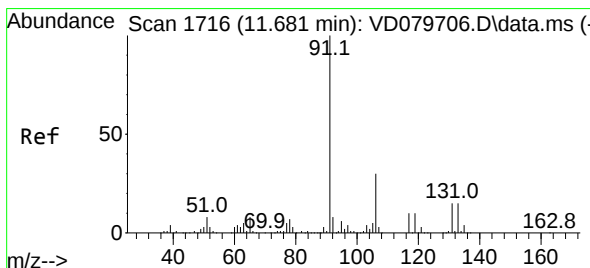
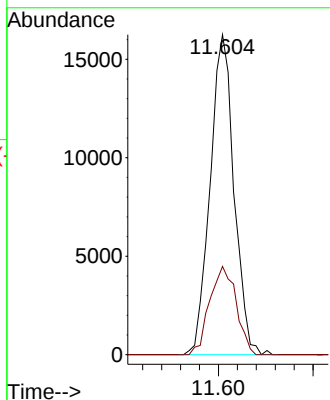
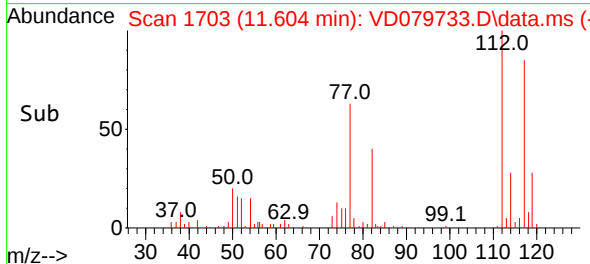
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT3-2024



Tgt Ion:112 Resp: 2845
Ion Ratio Lower Upper
112 100
114 27.6 26.0 39.0

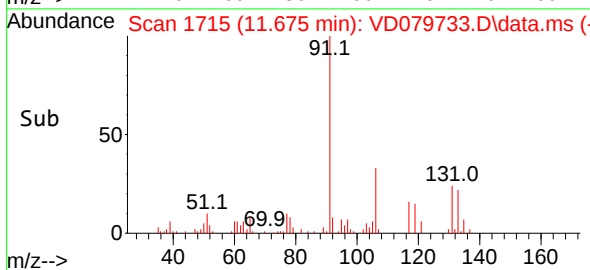
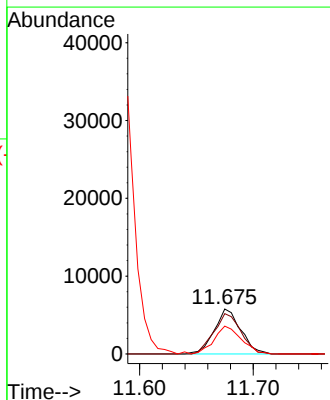
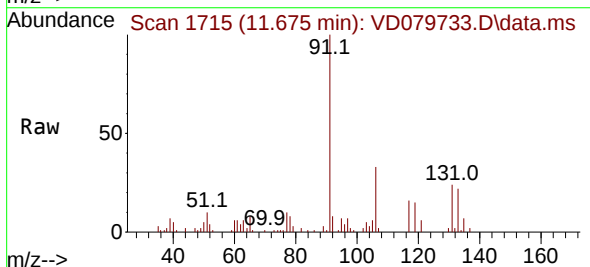
Manual Integrations
APPROVED

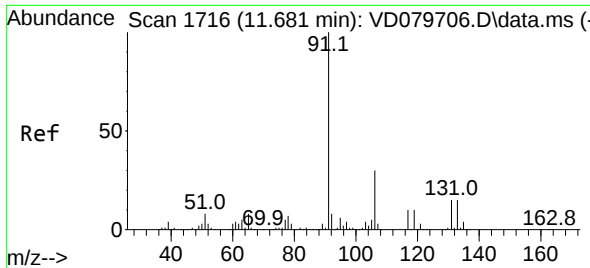
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 4.761 ug/l
RT: 11.675 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VD079733.D
Acq: 14 Aug 2024 13:15

Tgt Ion:131 Resp: 9350
Ion Ratio Lower Upper
131 100
133 92.1 49.2 147.6
119 63.0 33.4 100.2





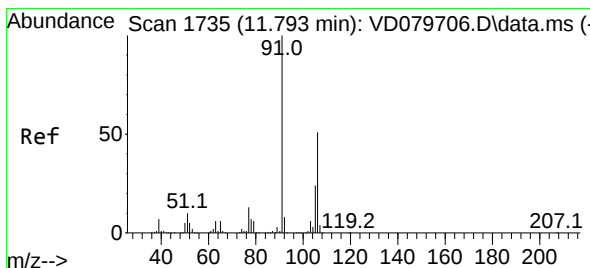
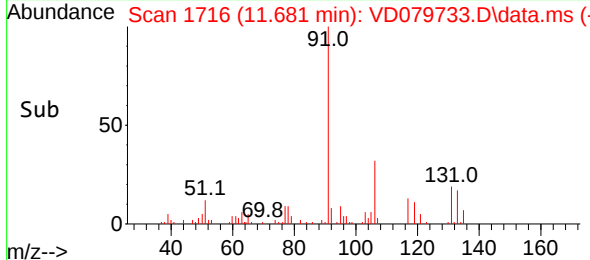
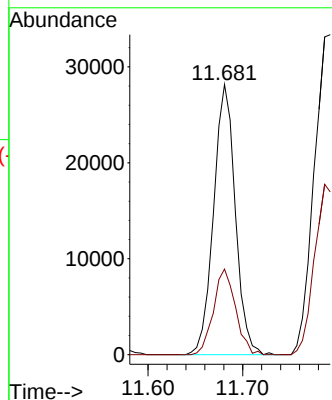
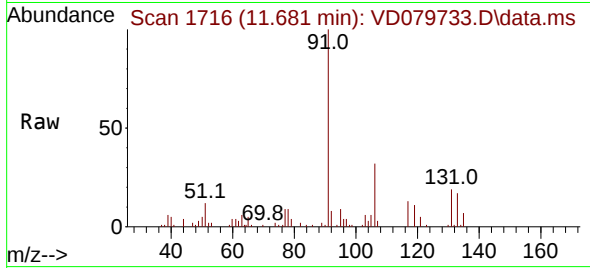
#67
Ethyl Benzene
Concen: 4.238 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD079733.D
Acq: 14 Aug 2024 13:15

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

Tgt Ion: 91 Resp: 44795
Ion Ratio Lower Upper
91 100
106 31.7 25.8 38.6

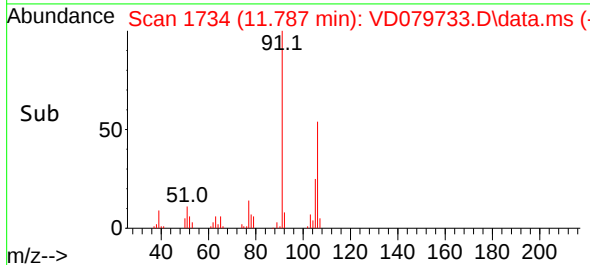
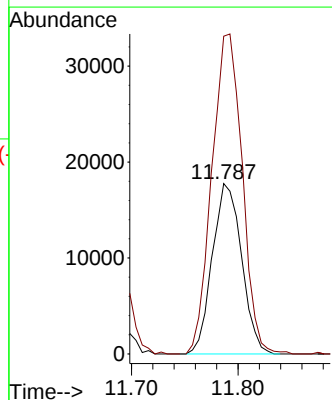
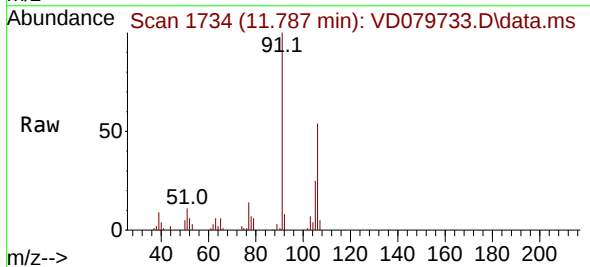
Manual Integrations
APPROVED

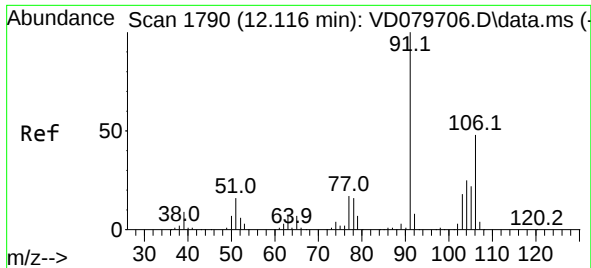
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#68
m/p-Xylenes
Concen: 8.237 ug/l
RT: 11.787 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VD079733.D
Acq: 14 Aug 2024 13:15

Tgt Ion:106 Resp: 33856
Ion Ratio Lower Upper
106 100
91 194.9 148.5 222.7





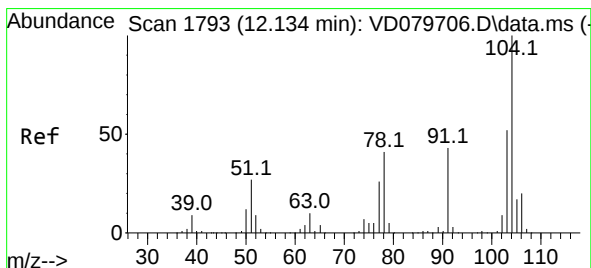
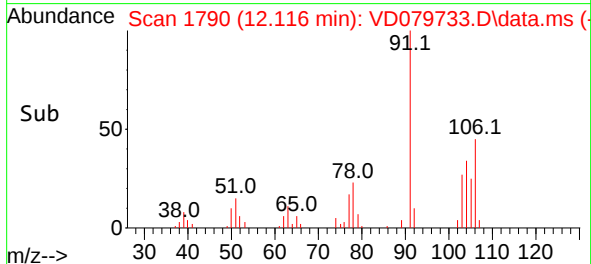
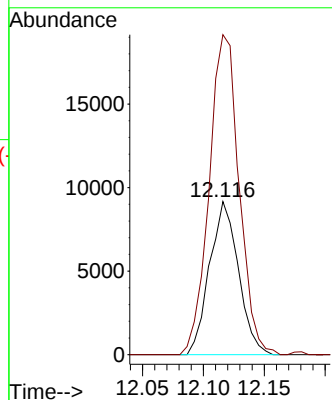
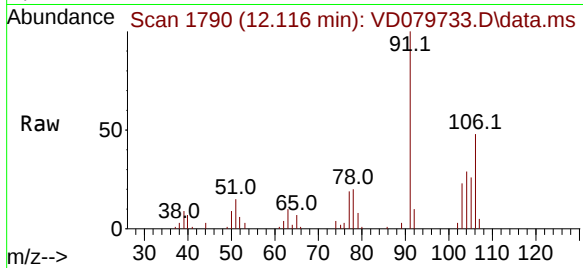
#69
o-Xylene
Concen: 4.029 ug/l
RT: 12.116 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VD079733.D
Acq: 14 Aug 2024 13:15

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

Tgt Ion:106 Resp: 1513
Ion Ratio Lower Upper
106 100
91 216.6 96.7 290.1

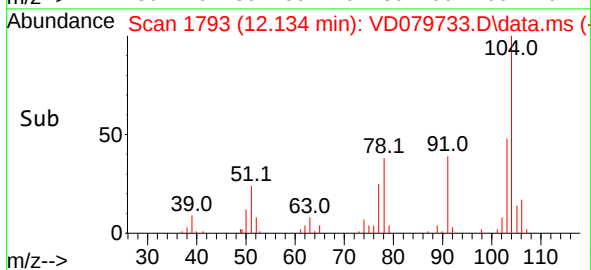
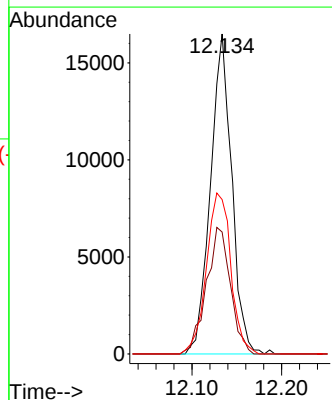
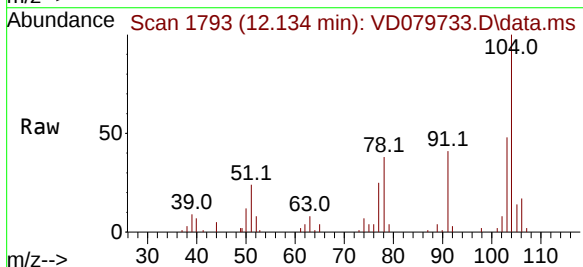
Manual Integrations
APPROVED

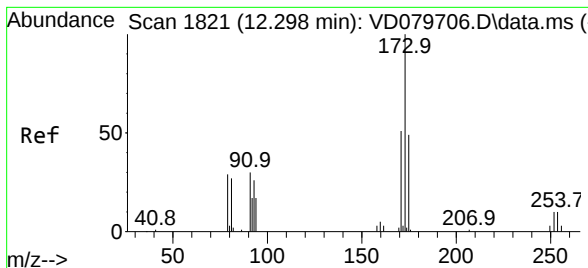
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#70
Styrene
Concen: 4.122 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD079733.D
Acq: 14 Aug 2024 13:15

Tgt Ion:104 Resp: 27161
Ion Ratio Lower Upper
104 100
78 44.7 33.0 49.6
103 57.8 44.2 66.4





#71

Bromoform

Concen: 4.985 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. -0.000 min

Lab File: VD079733.D

Acq: 14 Aug 2024 13:15

Instrument :

MSVOA_D

ClientSampleId :

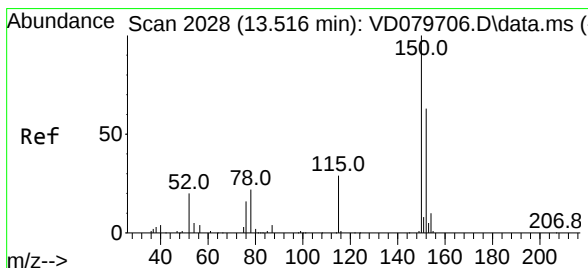
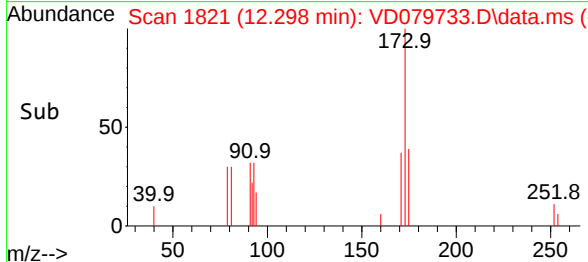
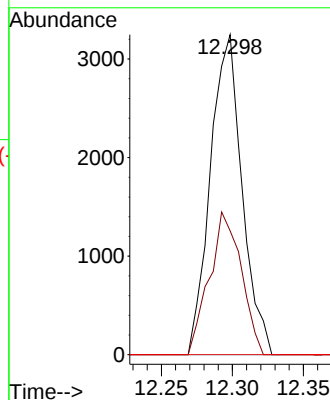
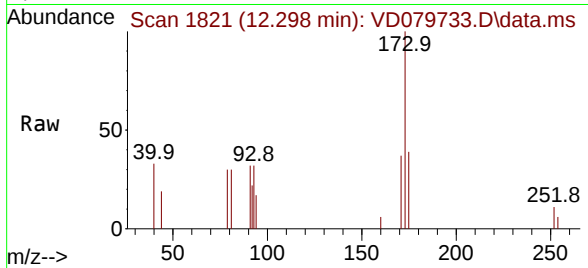
MDL-SOIL-03-QT3-2024

Tgt Ion:173	Resp:	503
Ion Ratio	Lower	Upper
173	100	
175	44.9	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

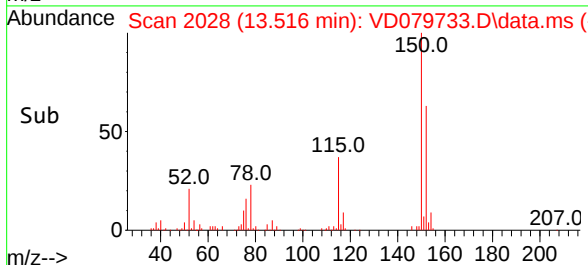
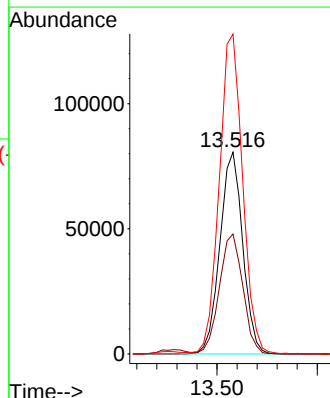
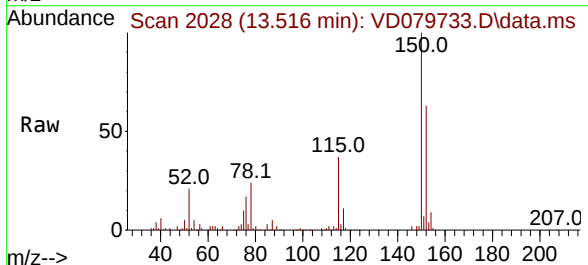
RT: 13.516 min Scan# 2028

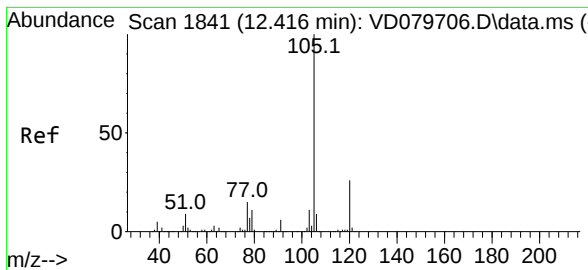
Delta R.T. -0.000 min

Lab File: VD079733.D

Acq: 14 Aug 2024 13:15

Tgt Ion:152	Resp:	127275
Ion Ratio	Lower	Upper
152	100	
115	61.1	26.5 79.5
150	162.4	0.0 341.6





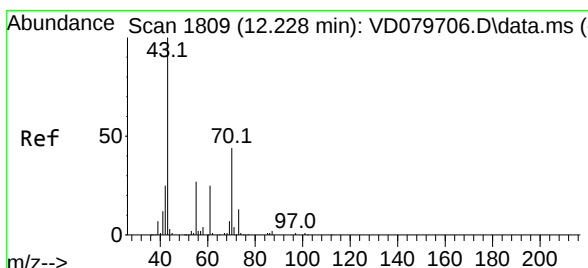
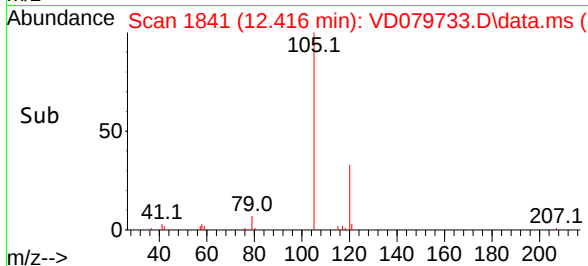
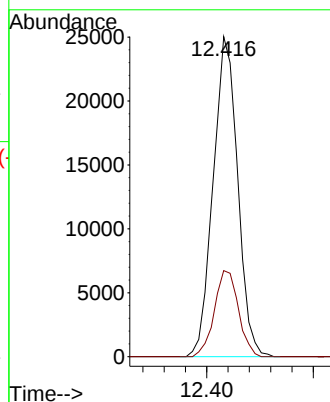
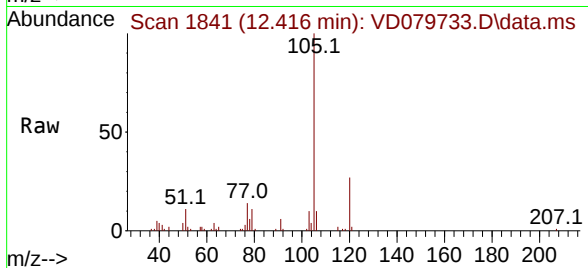
#73
Isopropylbenzene
Concen: 4.459 ug/l
RT: 12.416 min Scan# 1841
Delta R.T. -0.000 min
Lab File: VD079733.D
Acq: 14 Aug 2024 13:15

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

Tgt Ion:105 Resp: 3984
Ion Ratio Lower Upper
105 100
120 26.4 13.6 40.7

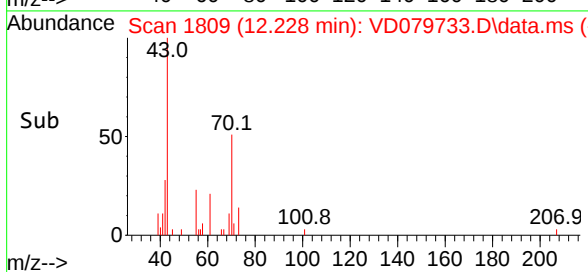
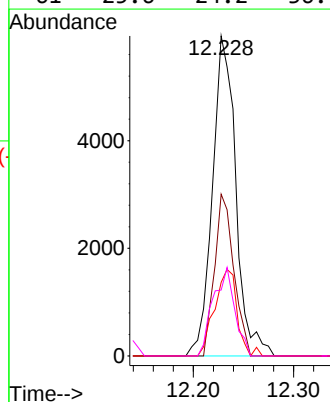
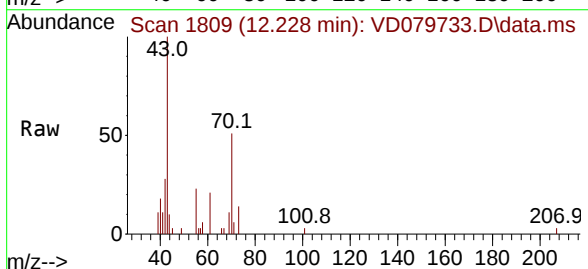
Manual Integrations
APPROVED

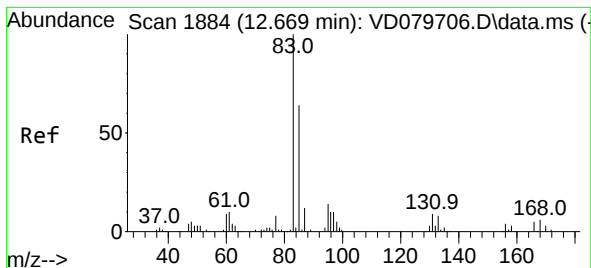
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#74
N-ethyl acetate
Concen: 4.832 ug/l
RT: 12.228 min Scan# 1809
Delta R.T. -0.000 min
Lab File: VD079733.D
Acq: 14 Aug 2024 13:15

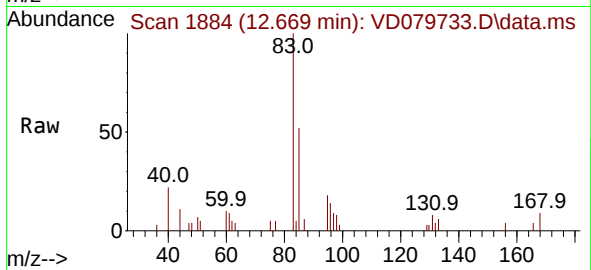
Tgt Ion: 43 Resp: 9620
Ion Ratio Lower Upper
43 100
70 41.7 44.3 66.5#
55 26.1 23.2 34.8
61 25.6 24.2 36.4





#75
1,1,2,2-Tetrachloroethane
Concen: 5.486 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VD079733.D
Acq: 14 Aug 2024 13:15

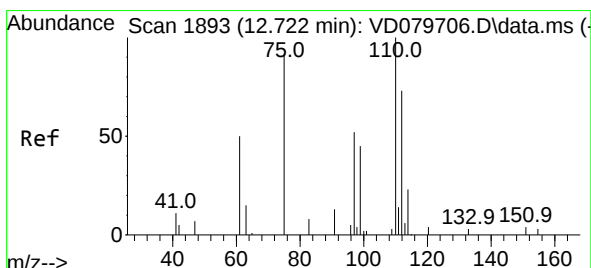
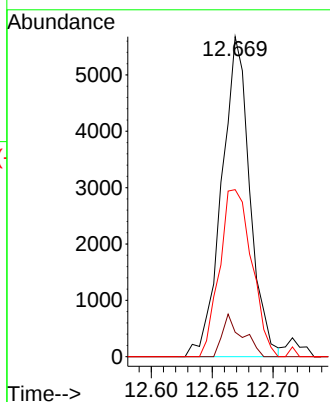
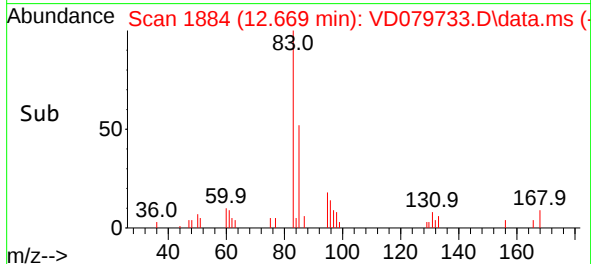
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT3-2024



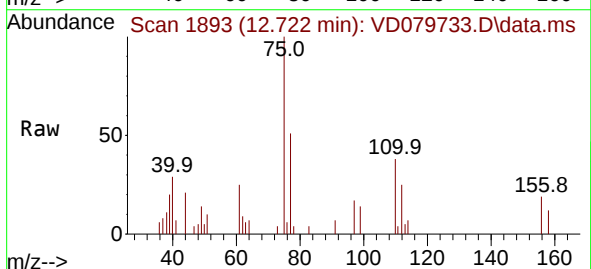
Tgt Ion: 83 Resp: 9152
Ion Ratio Lower Upper
83 100
131 9.3 5.5 16.5
85 59.5 33.8 101.3

Manual Integrations
APPROVED

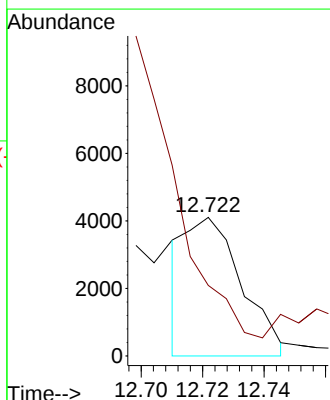
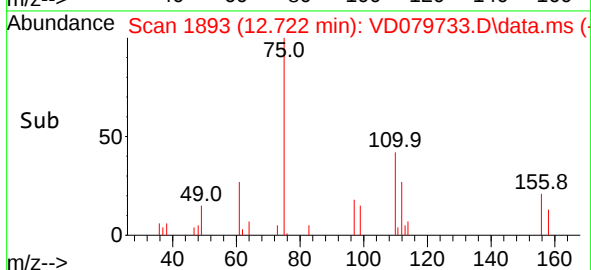
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024

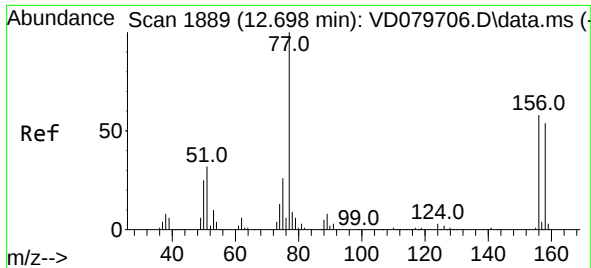


#76
1,2,3-Trichloropropane
Concen: 5.039 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD079733.D
Acq: 14 Aug 2024 13:15



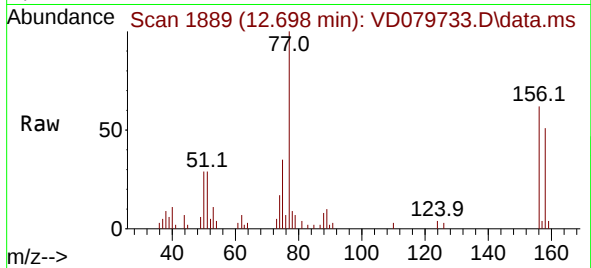
Tgt Ion: 75 Resp: 5228
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 5.063 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VD079733.D
Acq: 14 Aug 2024 13:15

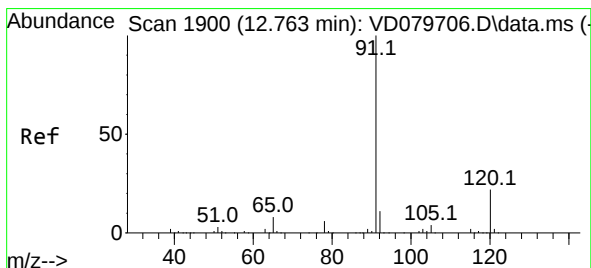
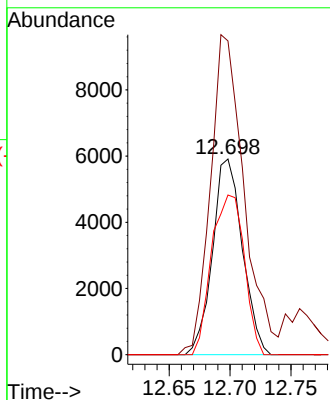
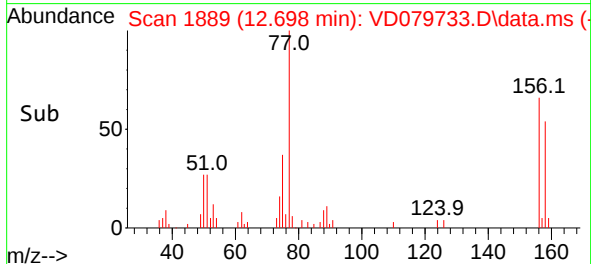
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT3-2024



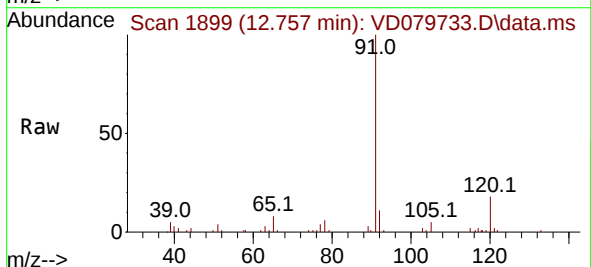
Tgt Ion: 156 Resp: 10118
Ion Ratio Lower Upper
156 100
77 183.4 77.3 231.9
158 89.0 49.6 149.0

Manual Integrations
APPROVED

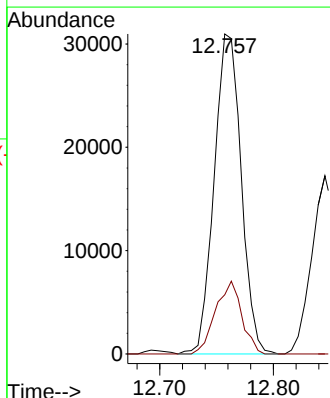
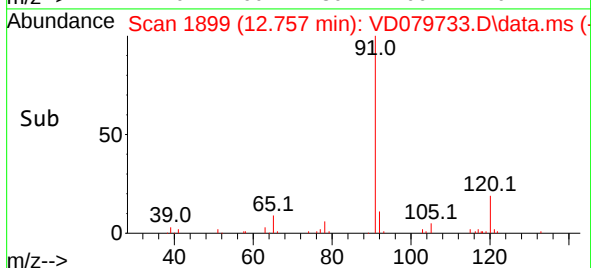
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024

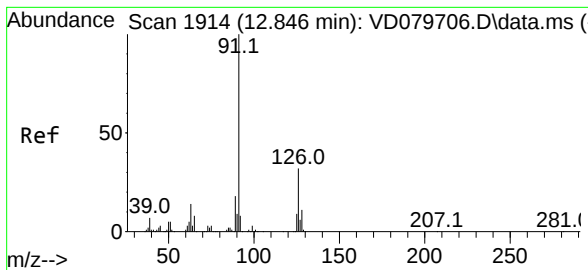


#78
n-propylbenzene
Concen: 4.631 ug/l
RT: 12.757 min Scan# 1899
Delta R.T. -0.006 min
Lab File: VD079733.D
Acq: 14 Aug 2024 13:15



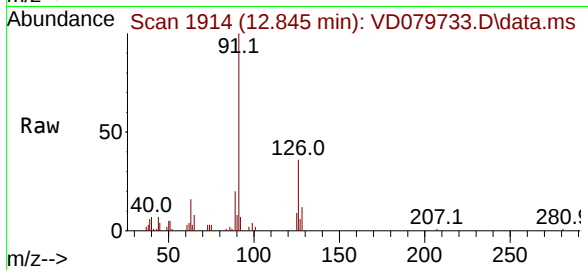
Tgt Ion: 91 Resp: 51203
Ion Ratio Lower Upper
91 100
120 22.1 12.3 36.8





#79
2-Chlorotoluene
Concen: 4.564 ug/l
RT: 12.845 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VD079733.D
Acq: 14 Aug 2024 13:15

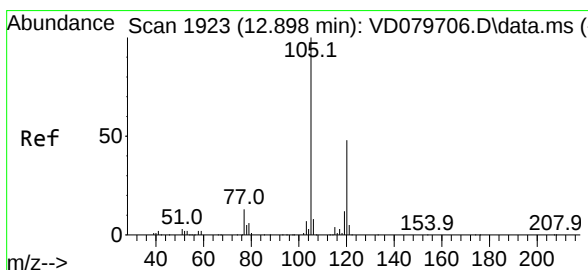
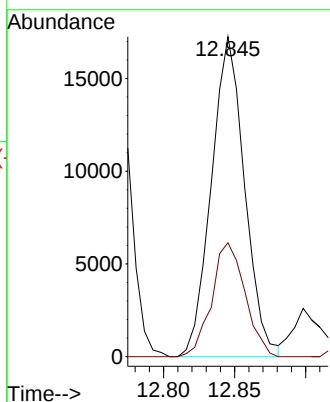
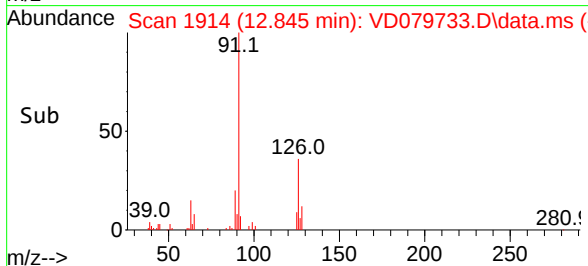
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT3-2024



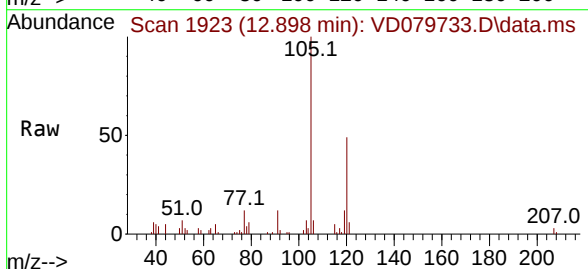
Tgt Ion: 91 Resp: 28100
Ion Ratio Lower Upper
91 100
126 35.6 19.3 57.8

Manual Integrations
APPROVED

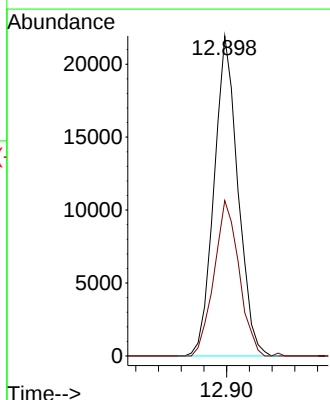
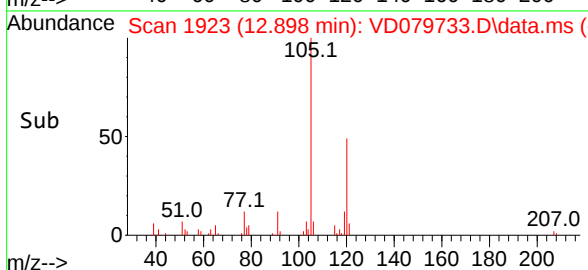
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024

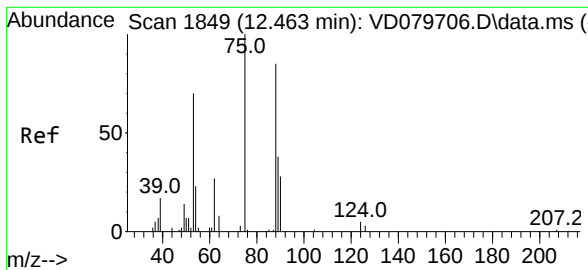


#80
1,3,5-Trimethylbenzene
Concen: 4.325 ug/l
RT: 12.898 min Scan# 1923
Delta R.T. -0.000 min
Lab File: VD079733.D
Acq: 14 Aug 2024 13:15



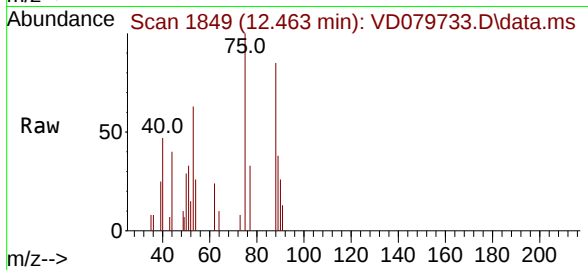
Tgt Ion:105 Resp: 32044
Ion Ratio Lower Upper
105 100
120 50.6 25.7 77.1





#81
trans-1,4-Dichloro-2-butene
Concen: 5.392 ug/l
RT: 12.463 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VD079733.D
Acq: 14 Aug 2024 13:15

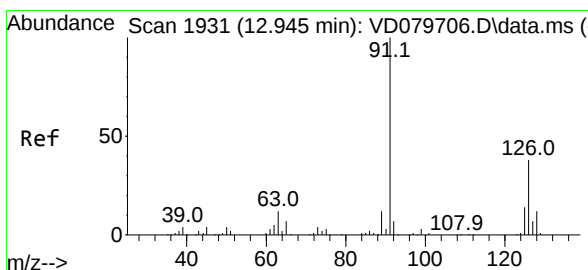
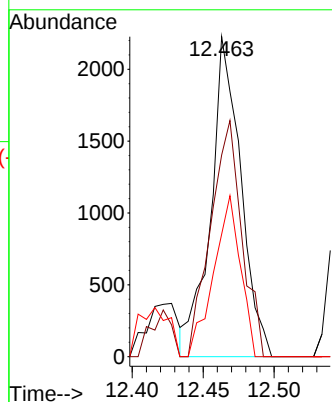
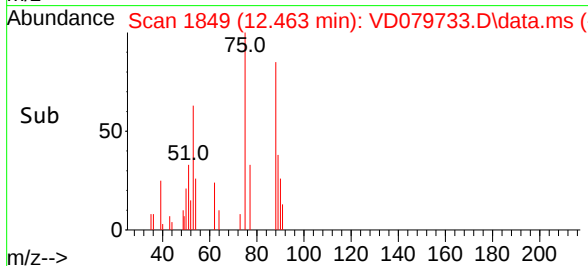
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT3-2024



Tgt Ion: 75 Resp: 328
Ion Ratio Lower Upper
75 100
53 76.7 61.4 92.2
89 44.7 35.4 53.0

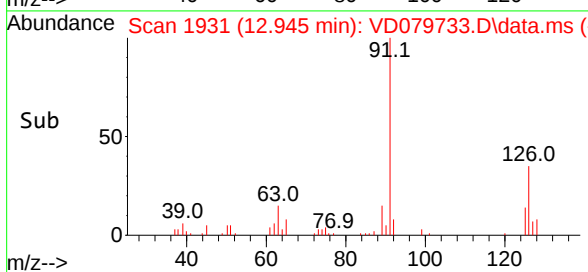
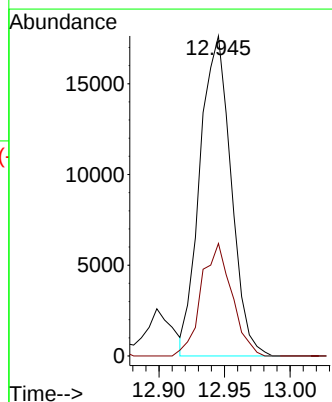
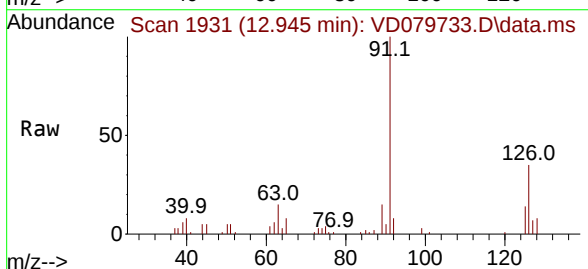
Manual Integrations
APPROVED

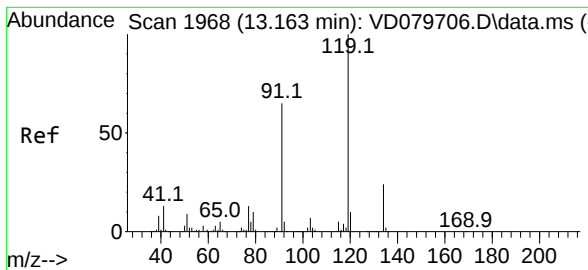
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#82
4-Chlorotoluene
Concen: 4.500 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD079733.D
Acq: 14 Aug 2024 13:15

Tgt Ion: 91 Resp: 29138
Ion Ratio Lower Upper
91 100
126 34.5 18.9 56.9





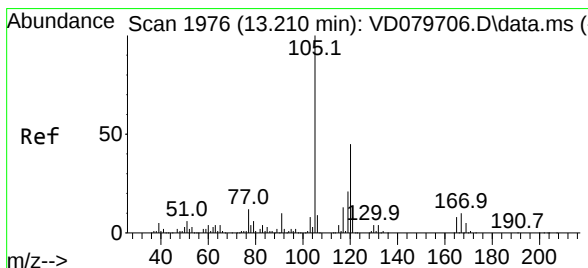
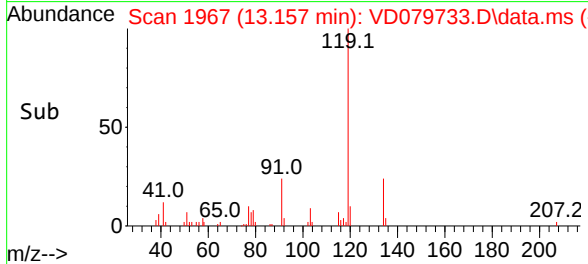
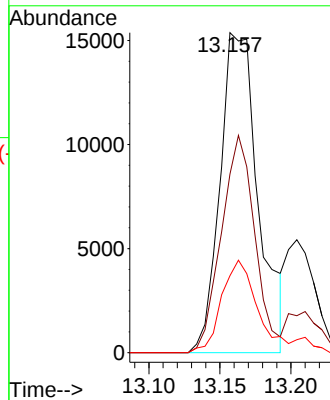
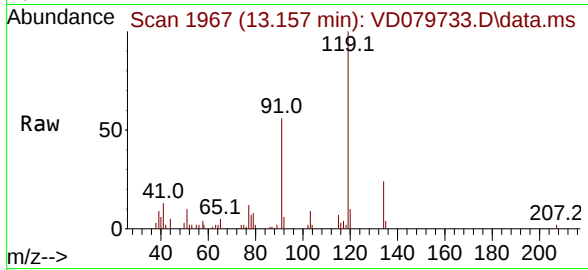
#83
tert-Butylbenzene
Concen: 4.608 ug/l
RT: 13.157 min Scan# 1967
Delta R.T. -0.006 min
Lab File: VD079733.D
Acq: 14 Aug 2024 13:15

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

Tgt Ion:119 Resp: 28810
Ion Ratio Lower Upper
119 100
91 59.4 28.2 84.7
134 26.9 13.4 40.1

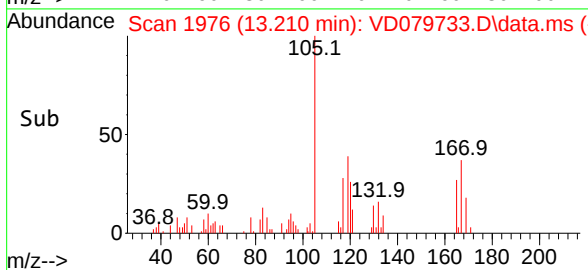
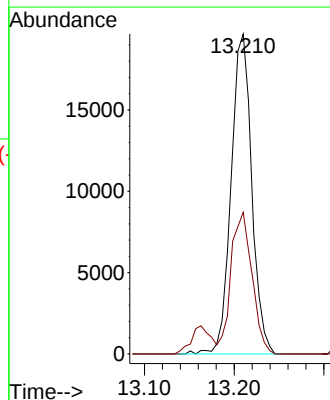
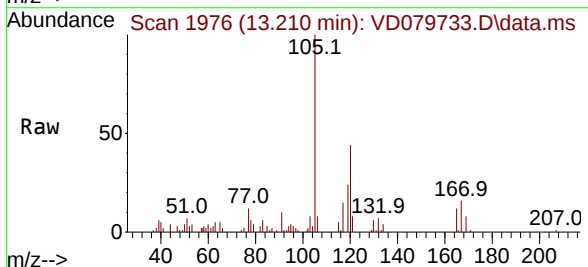
Manual Integrations
APPROVED

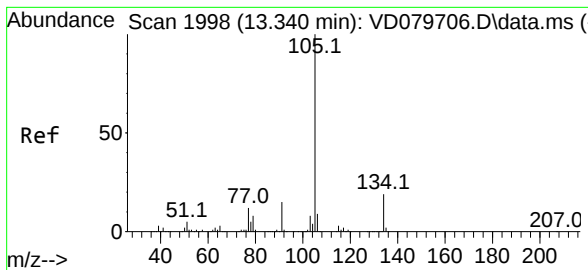
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#84
1,2,4-Trimethylbenzene
Concen: 4.135 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD079733.D
Acq: 14 Aug 2024 13:15

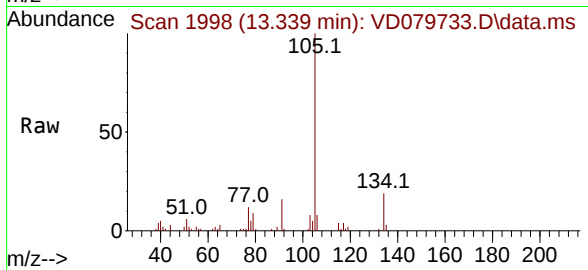
Tgt Ion:105 Resp: 31347
Ion Ratio Lower Upper
105 100
120 45.2 23.6 71.0





#85
 sec-Butylbenzene
 Concen: 4.418 ug/l
 RT: 13.339 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VD079733.D
 Acq: 14 Aug 2024 13:15

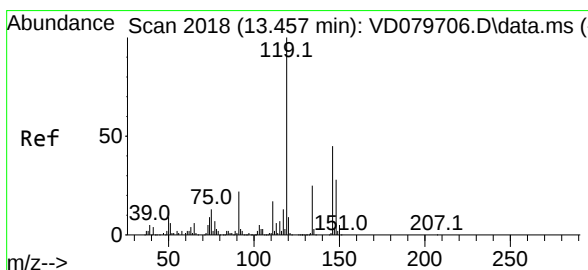
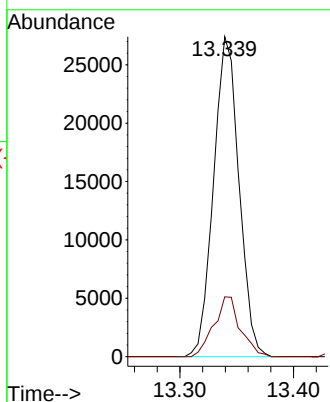
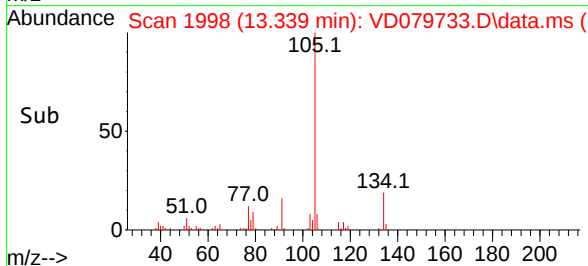
Instrument : MSVOA_D
 ClientSampleId :
 MDL-SOIL-03-QT3-2024



Tgt Ion:105 Resp: 42579
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.3 30.8

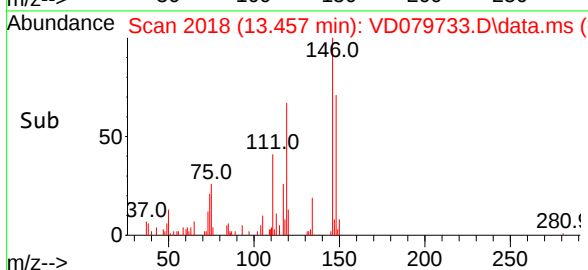
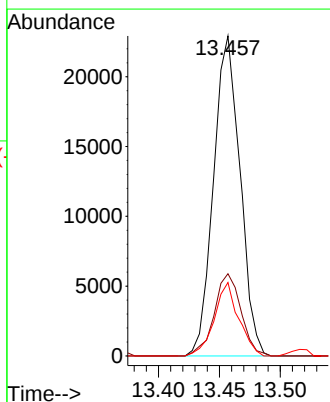
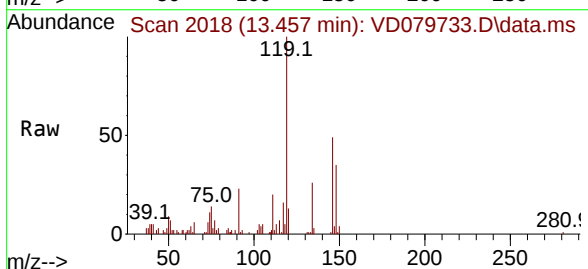
Manual Integrations
 APPROVED

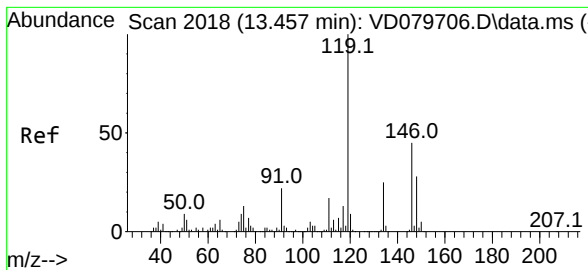
Reviewed By :Mahesh Dadoda 08/15/2024
 Supervised By :Semsettin Yesilyurt 08/15/2024



#86
 p-Isopropyltoluene
 Concen: 4.295 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.000 min
 Lab File: VD079733.D
 Acq: 14 Aug 2024 13:15

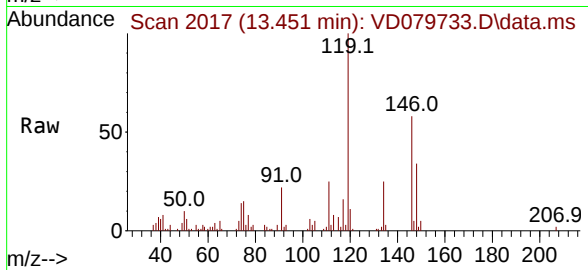
Tgt Ion:119 Resp: 34768
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.7 41.1
 91 21.1 10.7 32.1





#87
1,3-Dichlorobenzene
Concen: 4.775 ug/l
RT: 13.451 min Scan# 20310
Delta R.T. -0.006 min
Lab File: VD079733.D
Acq: 14 Aug 2024 13:15

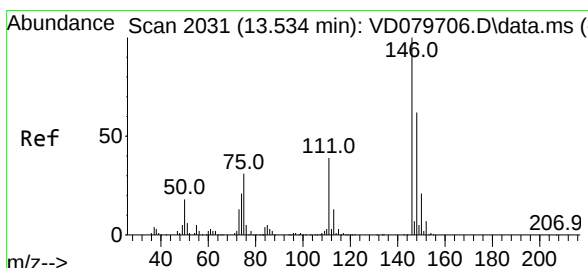
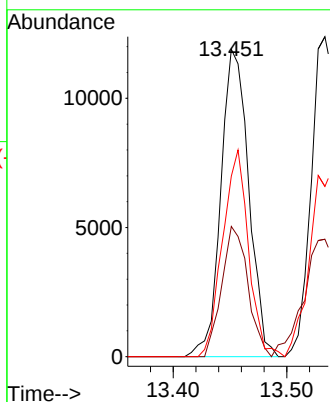
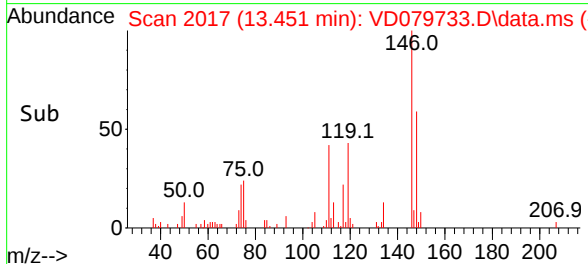
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT3-2024



Tgt Ion:146 Resp: 20310
Ion Ratio Lower Upper
146 100
111 39.7 18.5 55.5
148 62.4 30.9 92.8

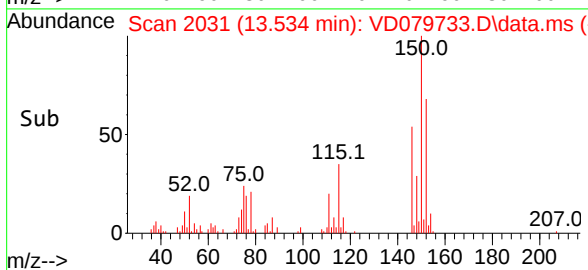
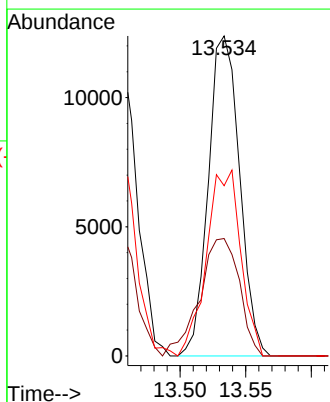
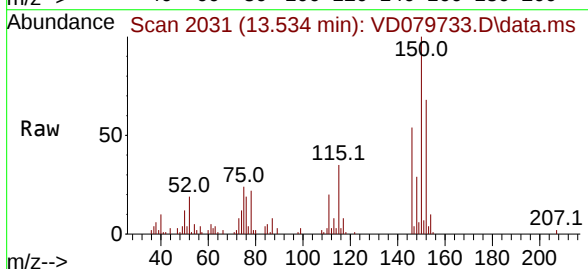
Manual Integrations
APPROVED

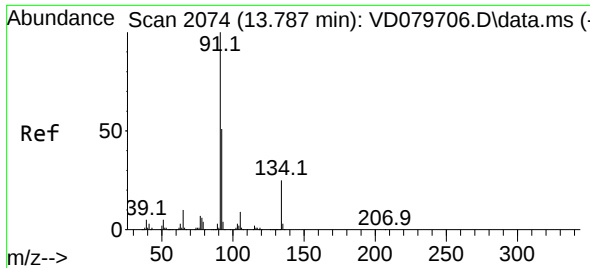
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#88
1,4-Dichlorobenzene
Concen: 4.900 ug/l
RT: 13.534 min Scan# 2031
Delta R.T. -0.000 min
Lab File: VD079733.D
Acq: 14 Aug 2024 13:15

Tgt Ion:146 Resp: 20576
Ion Ratio Lower Upper
146 100
111 46.7 17.5 52.6
148 63.4 31.4 94.2





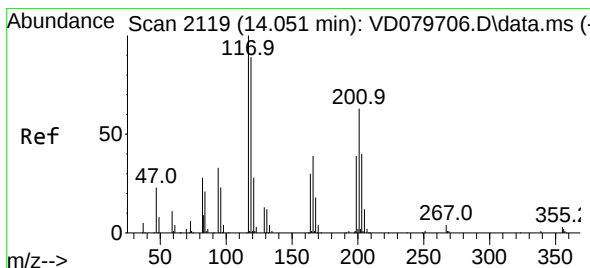
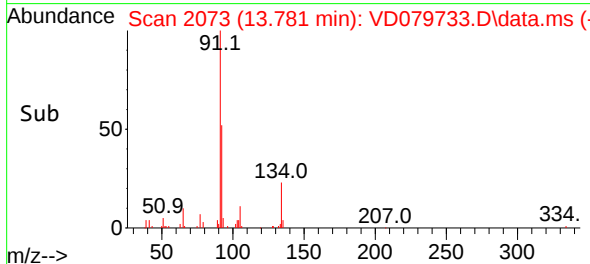
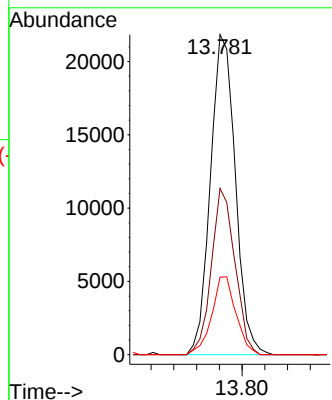
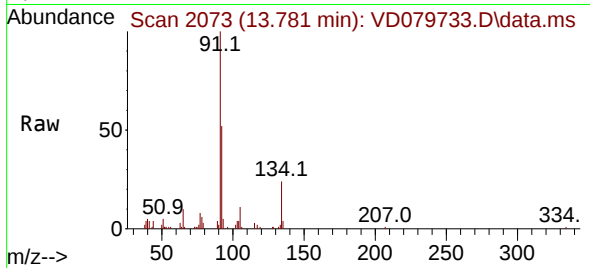
#89
n-Butylbenzene
Concen: 4.353 ug/l
RT: 13.781 min Scan# 2074
Delta R.T. -0.006 min
Lab File: VD079733.D
Acq: 14 Aug 2024 13:15

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

Tgt Ion: 91 Resp: 33214
Ion Ratio Lower Upper
91 100
92 49.0 25.7 77.0
134 23.8 13.6 40.8

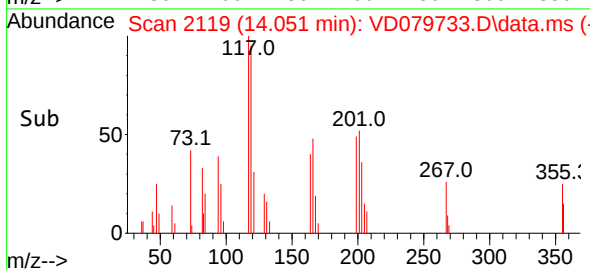
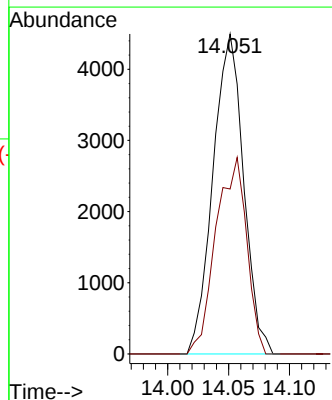
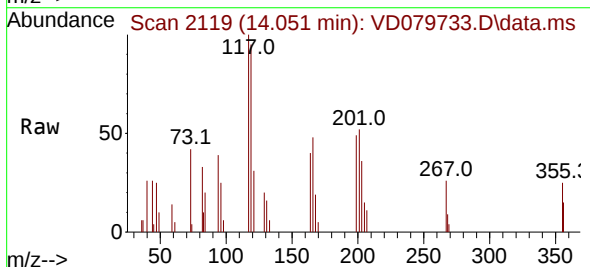
Manual Integrations
APPROVED

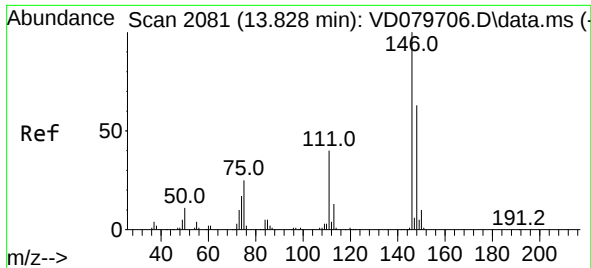
Reviewed By :Mahesh Dadoda 08/15/2024
Supervised By :Semsettin Yesilyurt 08/15/2024



#90
Hexachloroethane
Concen: 4.734 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.000 min
Lab File: VD079733.D
Acq: 14 Aug 2024 13:15

Tgt Ion:117 Resp: 7863
Ion Ratio Lower Upper
117 100
201 61.6 36.3 108.9





#91

1,2-Dichlorobenzene

Concen: 4.362 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VD079733.D

Acq: 14 Aug 2024 13:15

Instrument :

MSVOA_D

ClientSampleId :

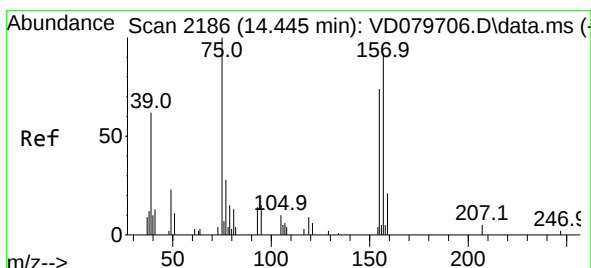
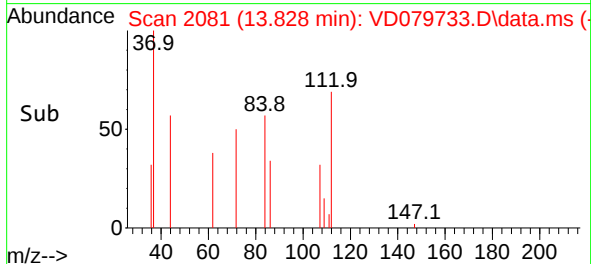
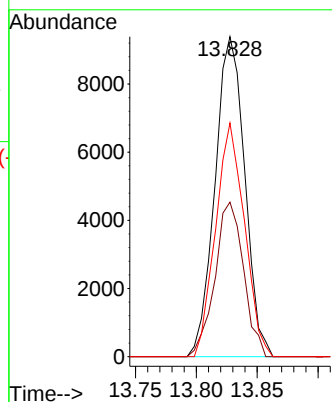
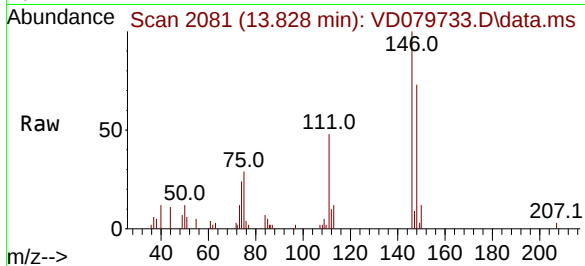
MDL-SOIL-03-QT3-2024

Tgt Ion:	146	Resp:	1598
Ion Ratio	Lower	Upper	
146	100		
111	46.5	19.1	57.1
148	70.7	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: 6.477 ug/l

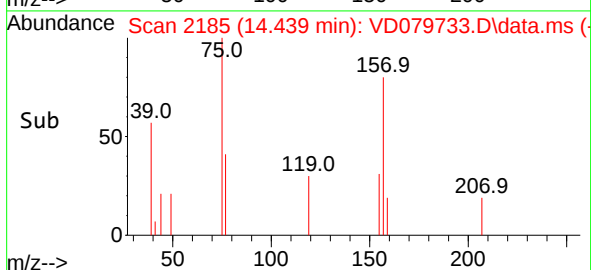
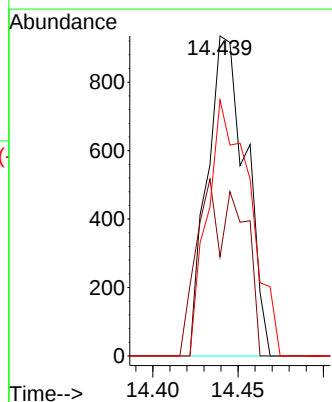
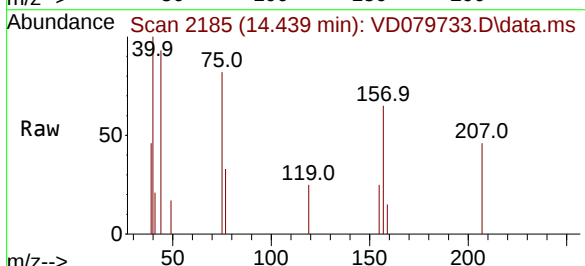
RT: 14.439 min Scan# 2185

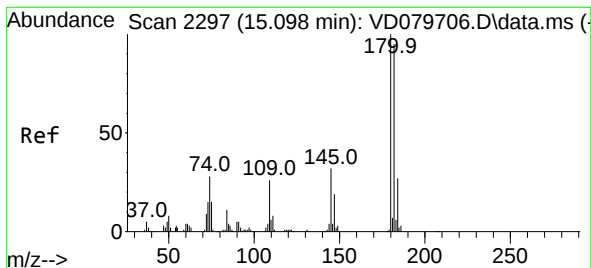
Delta R.T. -0.006 min

Lab File: VD079733.D

Acq: 14 Aug 2024 13:15

Tgt Ion:	75	Resp:	1475
Ion Ratio	Lower	Upper	
75	100		
155	33.6	47.7	143.1#
157	88.1	63.4	190.2





#93

1,2,4-Trichlorobenzene

Concen: 4.218 ug/l

RT: 15.092 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD079733.D

Acq: 14 Aug 2024 13:15

Instrument :

MSVOA_D

ClientSampleId :

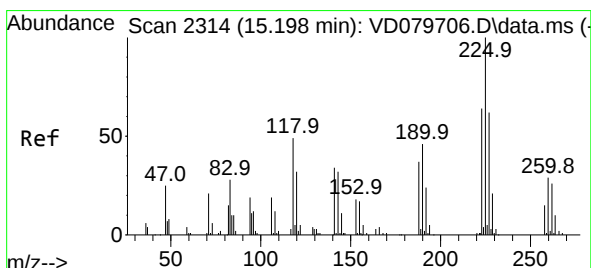
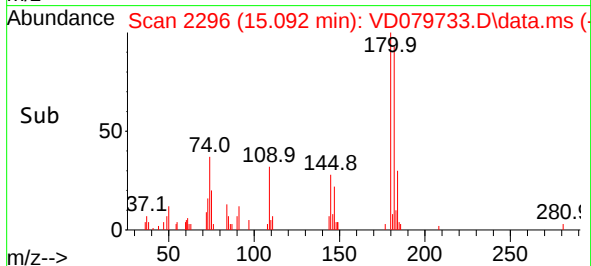
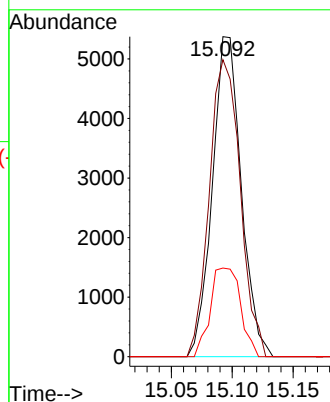
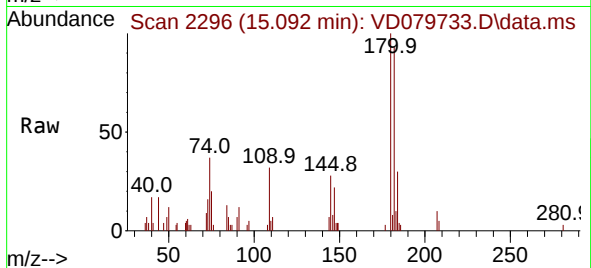
MDL-SOIL-03-QT3-2024

Tgt Ion:180	Resp:	8890
Ion Ratio	Lower	Upper
180	100	
182	99.1	46.9 140.7
145	28.9	14.0 41.9

Manual Integrations

APPROVED

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



#94

Hexachlorobutadiene

Concen: 4.832 ug/l

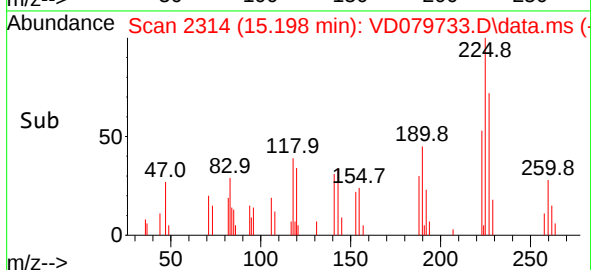
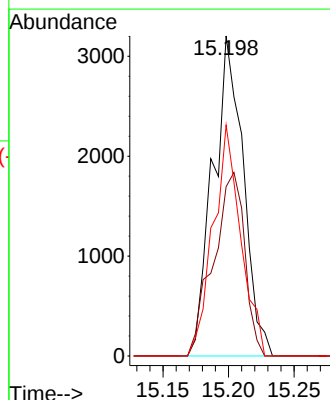
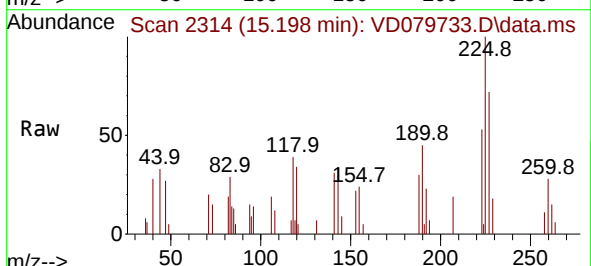
RT: 15.198 min Scan# 2314

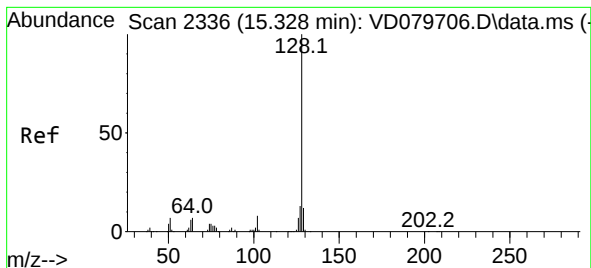
Delta R.T. -0.000 min

Lab File: VD079733.D

Acq: 14 Aug 2024 13:15

Tgt Ion:225	Resp:	5122
Ion Ratio	Lower	Upper
225	100	
223	59.3	33.3 99.9
227	65.9	33.6 100.6





#95

Naphthalene

Concen: 4.977 ug/l

RT: 15.328 min Scan# 2336

Delta R.T. -0.000 min

Lab File: VD079733.D

Acq: 14 Aug 2024 13:15

Instrument :

MSVOA_D

ClientSampleId :

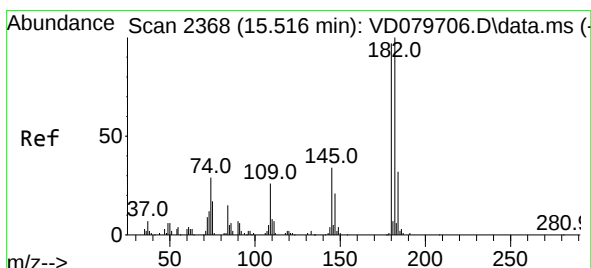
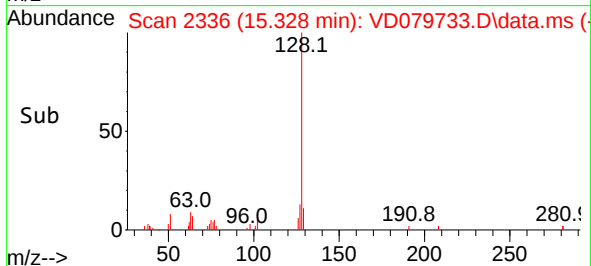
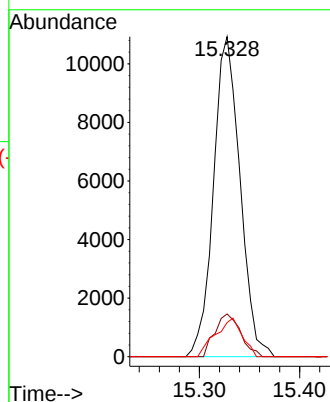
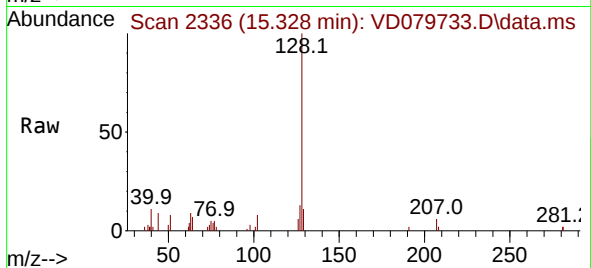
MDL-SOIL-03-QT3-2024

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.2	15.4
129	10.7	8.5	12.7

Manual Integrations

APPROVED

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



#96

1,2,3-Trichlorobenzene

Concen: 4.890 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. 0.006 min

Lab File: VD079733.D

Acq: 14 Aug 2024 13:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	87.2	47.8	143.3
145	29.6	16.1	48.2

