

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012324\
 Data File : VD078206.D
 Acq On : 23 Jan 2024 14:21
 Operator : RP/MD
 Sample : P1187-01 2.5PPB
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2024

Quant Time: Jan 24 01:22:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012224S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 24 01:21:11 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/25/2024
 Supervised By :Semsettin Yesilyurt 01/25/2024

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	125653	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	234018	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	212565	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	88359	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	70446	49.110	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.220%		
35) Dibromofluoromethane	7.811	113	73719	47.865	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.720%		
50) Toluene-d8	10.269	98	285065	46.744	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	93.480%		
62) 4-Bromofluorobenzene	12.575	95	78644	44.468	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	88.940%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	3806	2.629	ug/l	76
3) Chloromethane	2.152	50	6851	2.934	ug/l	92
4) Vinyl Chloride	2.293	62	7487	2.513	ug/l	98
5) Bromomethane	2.705	94	5844	2.688	ug/l	87
6) Chloroethane	2.852	64	5362	2.576	ug/l #	88
7) Trichlorofluoromethane	3.187	101	7648	2.822	ug/l	100
8) Diethyl Ether	3.599	74	1847	2.458	ug/l	71
9) 1,1,2-Trichlorotrifluo...	3.975	101	4369	2.783	ug/l #	84
10) Methyl Iodide	4.175	142	3332	2.118	ug/l #	87
11) Tert butyl alcohol	5.028	59	600m	8.496	ug/l	
12) 1,1-Dichloroethene	3.958	96	3921m	2.522	ug/l	
13) Acrolein	3.811	56	1874	11.560	ug/l	89
14) Allyl chloride	4.569	41	4721	2.302	ug/l #	81
15) Acrylonitrile	5.281	53	4320m	12.814	ug/l	
16) Acetone	4.022	43	4767	11.148	ug/l	87
17) Carbon Disulfide	4.287	76	13083	2.595	ug/l #	88
18) Methyl Acetate	4.569	43	2857	2.315	ug/l	99
19) Methyl tert-butyl Ether	5.322	73	6612	2.039	ug/l #	84
20) Methylene Chloride	4.805	84	8211	3.902	ug/l #	69
21) trans-1,2-Dichloroethene	5.317	96	4414	2.456	ug/l #	87
22) Diisopropyl ether	6.222	45	9659	2.225	ug/l #	88
23) Vinyl Acetate	6.164	43	23989m	11.218	ug/l	
24) 1,1-Dichloroethane	6.111	63	7237	2.413	ug/l #	89
25) 2-Butanone	7.087	43	5777	11.433	ug/l #	75
26) 2,2-Dichloropropane	7.081	77	6079	2.420	ug/l	81
27) cis-1,2-Dichloroethene	7.087	96	4822	2.498	ug/l	88
28) Bromochloromethane	7.440	49	2433	2.080	ug/l #	66
29) Tetrahydrofuran	7.446	42	2821	11.921	ug/l #	34
30) Chloroform	7.605	83	7641	2.505	ug/l	97
31) Cyclohexane	7.881	56	8989	3.389	ug/l #	71
32) 1,1,1-Trichloroethane	7.793	97	6842	2.597	ug/l	94
36) 1,1-Dichloropropene	8.011	75	5832	2.303	ug/l #	92
37) Ethyl Acetate	7.181	43	2739m	2.905	ug/l	
38) Carbon Tetrachloride	7.999	117	6526	2.609	ug/l	85
39) Methylcyclohexane	9.281	83	7024	2.345	ug/l #	82
40) Benzene	8.258	78	17306	2.408	ug/l	93

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 Quant Title : SW846 8260
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Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/25/2024
 Supervised By :Semsettin Yesilyurt 01/25/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	1065m	2.057	ug/l	
42) 1,2-Dichloroethane	8.334	62	4769	2.550	ug/l	91
43) Isopropyl Acetate	8.352	43	3485	2.017	ug/l #	79
44) Trichloroethene	9.028	130	4017	2.185	ug/l	70
45) 1,2-Dichloropropane	9.305	63	4295	2.408	ug/l	96
46) Dibromomethane	9.399	93	2414	2.465	ug/l #	84
47) Bromodichloromethane	9.587	83	6271	2.549	ug/l #	83
48) Methyl methacrylate	9.381	41	2412	2.412	ug/l #	62
49) 1,4-Dioxane	9.387	88	256	27.013	ug/l #	56
51) 4-Methyl-2-Pentanone	10.157	43	9620	10.598	ug/l #	85
52) Toluene	10.334	92	10802	2.371	ug/l	96
53) t-1,3-Dichloropropene	10.552	75	5051	2.225	ug/l	89
54) cis-1,3-Dichloropropene	10.010	75	5927	2.178	ug/l	96
55) 1,1,2-Trichloroethane	10.734	97	3292	2.512	ug/l #	80
56) Ethyl methacrylate	10.604	69	1992	1.857	ug/l #	64
57) 1,3-Dichloropropane	10.881	76	4926	2.198	ug/l	91
58) 2-Chloroethyl Vinyl ether	9.869	63	6759	10.513	ug/l	91
59) 2-Hexanone	10.922	43	7110	9.639	ug/l	78
60) Dibromochloromethane	11.075	129	3647	2.360	ug/l	100
61) 1,2-Dibromoethane	11.181	107	2961	2.451	ug/l	88
64) Tetrachloroethene	10.804	164	3703	2.664	ug/l #	69
65) Chlorobenzene	11.610	112	11536	2.457	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	4002	2.385	ug/l	95
67) Ethyl Benzene	11.681	91	18892	2.211	ug/l	98
68) m/p-Xylenes	11.793	106	13685	4.193	ug/l	83
69) o-Xylene	12.122	106	6039	2.039	ug/l	94
70) Styrene	12.134	104	8360	1.884	ug/l #	85
71) Bromoform	12.299	173	1811	2.179	ug/l #	85
73) Isopropylbenzene	12.422	105	16102	2.318	ug/l	96
74) N-amyl acetate	12.240	43	3174	2.388	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.669	83	3179	2.459	ug/l #	88
76) 1,2,3-Trichloropropane	12.716	75	2387m	2.817	ug/l	
77) Bromobenzene	12.698	156	3942	2.588	ug/l	82
78) n-propylbenzene	12.763	91	22631	2.626	ug/l	93
79) 2-Chlorotoluene	12.851	91	12313	2.678	ug/l	91
80) 1,3,5-Trimethylbenzene	12.904	105	13058	2.267	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	1143m	2.905	ug/l	
82) 4-Chlorotoluene	12.946	91	12102	2.497	ug/l	92
83) tert-Butylbenzene	13.169	119	10921	2.268	ug/l	93
84) 1,2,4-Trimethylbenzene	13.216	105	13170	2.261	ug/l	95
85) sec-Butylbenzene	13.346	105	16985	2.329	ug/l	96
86) p-Isopropyltoluene	13.463	119	13838	2.181	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	8161	2.588	ug/l	95
88) 1,4-Dichlorobenzene	13.534	146	8379m	2.689	ug/l	
89) n-Butylbenzene	13.787	91	15343	2.484	ug/l	95
90) Hexachloroethane	14.057	117	3300	2.651	ug/l	73
91) 1,2-Dichlorobenzene	13.834	146	6844	2.581	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.445	75	555	3.004	ug/l	60
93) 1,2,4-Trichlorobenzene	15.098	180	4107	2.505	ug/l	98
94) Hexachlorobutadiene	15.204	225	2108	2.661	ug/l	93
95) Naphthalene	15.328	128	7592	2.477	ug/l	97
96) 1,2,3-Trichlorobenzene	15.522	180	3528	2.565	ug/l	95

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Quant Title : SW846 8260
QLast Update : Wed Jan 24 01:21:11 2024
Response via : Initial Calibration

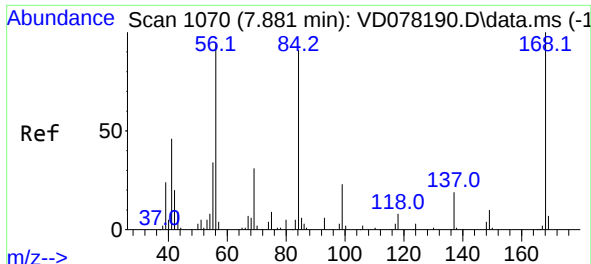
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024

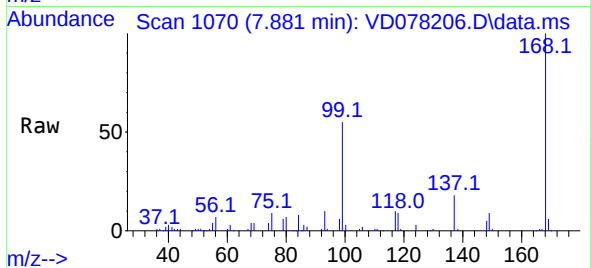
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

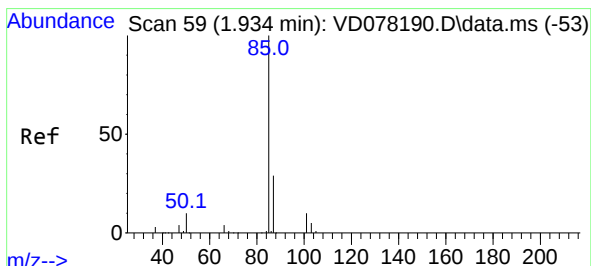
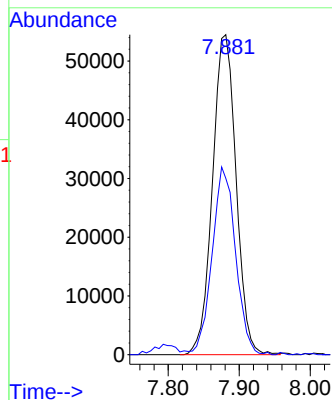
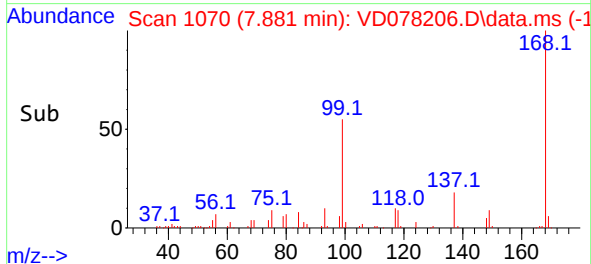
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2024



Tgt Ion:168 Resp: 12565
Ion Ratio Lower Upper
168 100
99 54.4 36.7 55.1

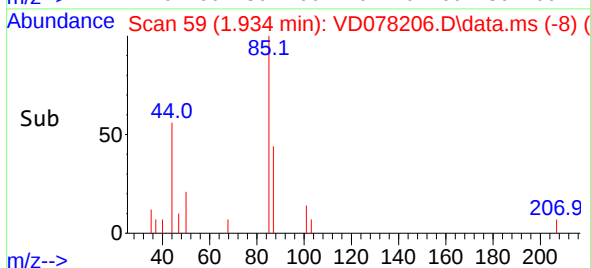
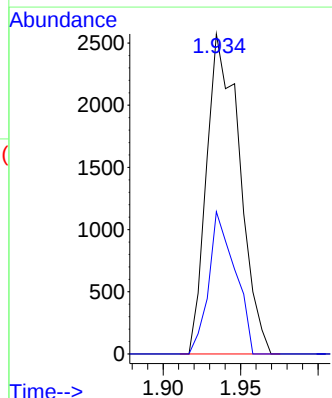
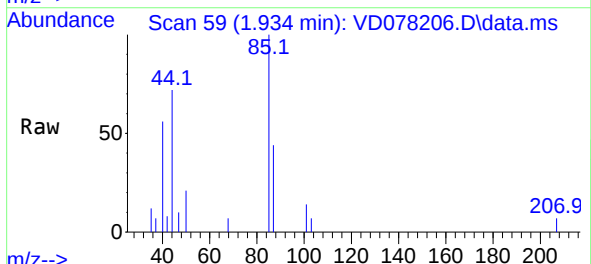
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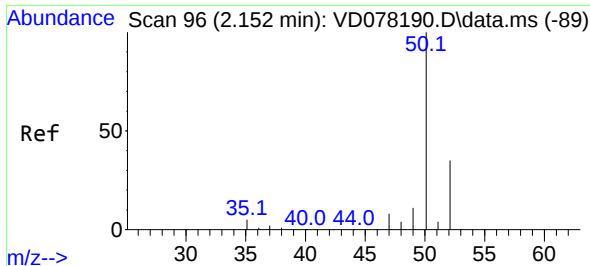
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#2
Dichlorodifluoromethane
Concen: 2.629 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

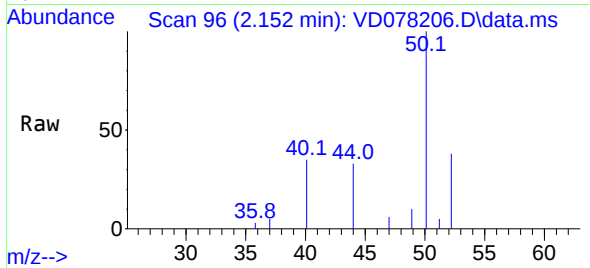
Tgt Ion: 85 Resp: 3806
Ion Ratio Lower Upper
85 100
87 44.5 15.7 47.0





#3
Chloromethane
Concen: 2.934 ug/l
RT: 2.152 min Scan# 90
Delta R.T. -0.000 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

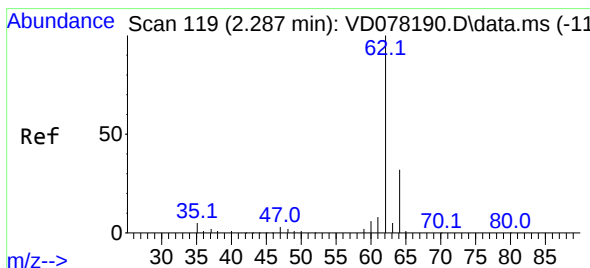
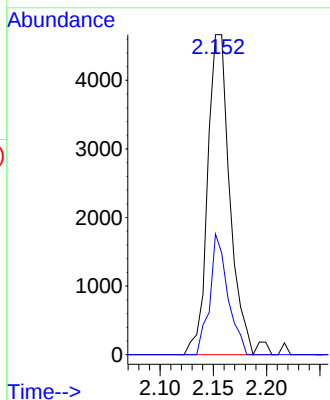
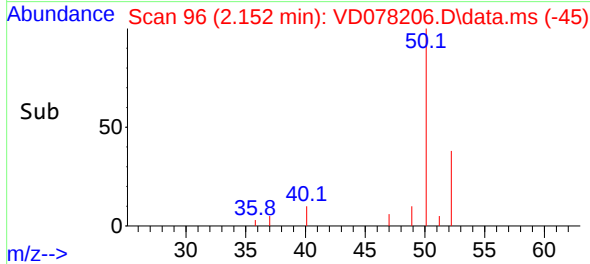
Instrument :
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LOD-MDL-SOIL-01-QT1-2024



Tgt Ion: 50 Resp: 685
Ion Ratio Lower Upper
50 100
52 37.7 26.6 40.0

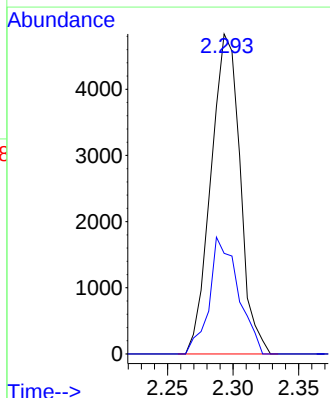
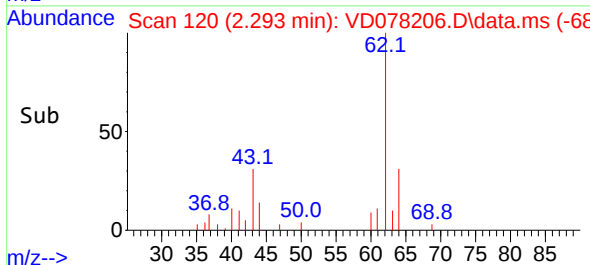
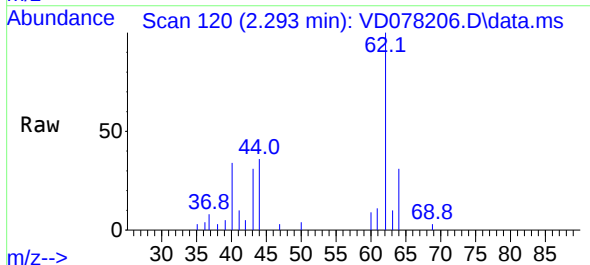
Manual Integrations
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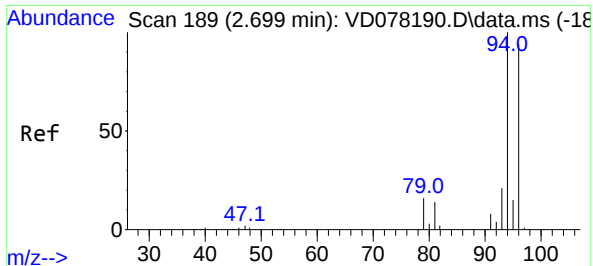
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#4
Vinyl Chloride
Concen: 2.513 ug/l
RT: 2.293 min Scan# 120
Delta R.T. 0.006 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

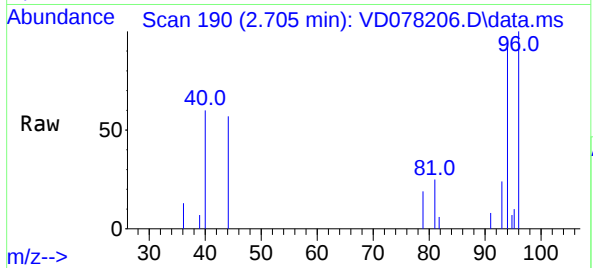
Tgt Ion: 62 Resp: 7487
Ion Ratio Lower Upper
62 100
64 31.4 26.0 39.0





#5
Bromomethane
Concen: 2.688 ug/l
RT: 2.705 min Scan# 190
Delta R.T. 0.006 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

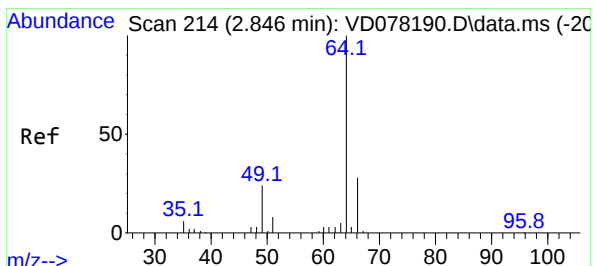
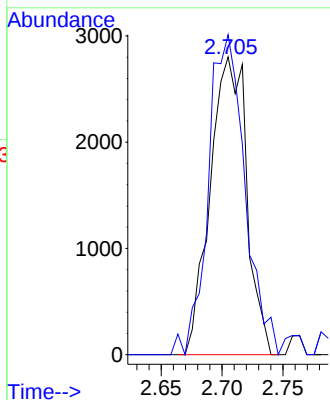
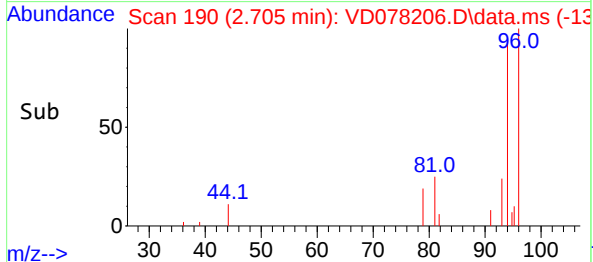
Instrument :
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Tgt Ion: 94 Resp: 5844
Ion Ratio Lower Upper
94 100
96 107.5 75.8 113.8

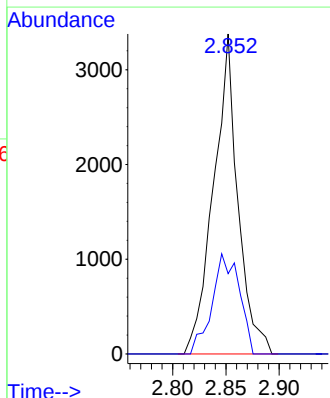
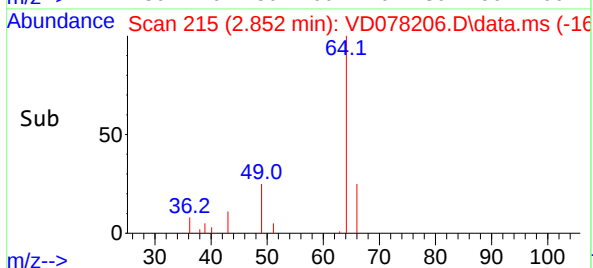
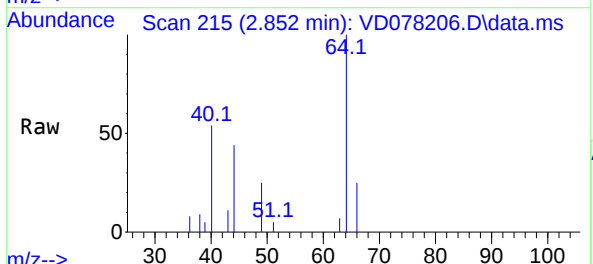
Manual Integrations
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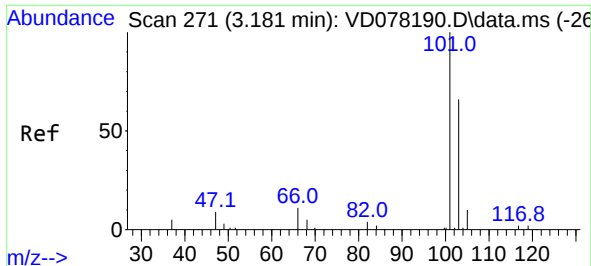
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#6
Chloroethane
Concen: 2.576 ug/l
RT: 2.852 min Scan# 215
Delta R.T. 0.006 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

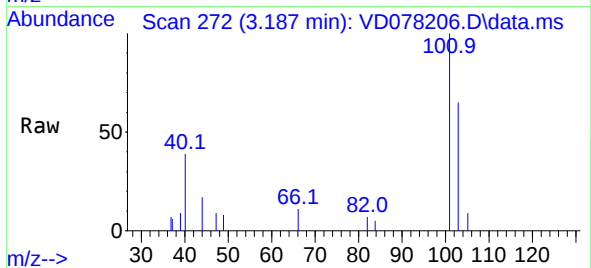
Tgt Ion: 64 Resp: 5362
Ion Ratio Lower Upper
64 100
66 25.1 25.5 38.3#





#7
Trichlorofluoromethane
Concen: 2.822 ug/l
RT: 3.187 min Scan# 271
Delta R.T. 0.006 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

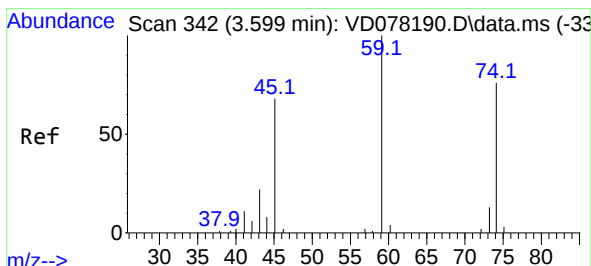
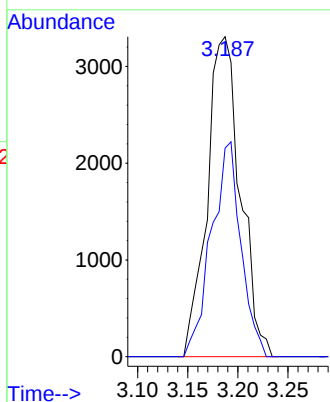
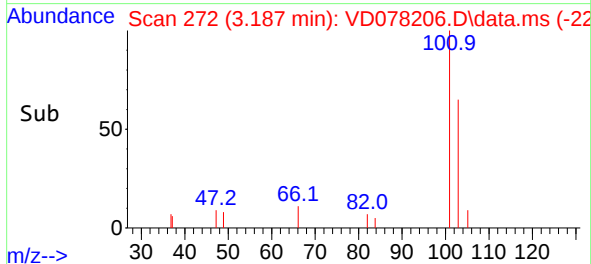
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



Tgt Ion:101 Resp: 7648
Ion Ratio Lower Upper
101 100
103 65.1 52.3 78.5

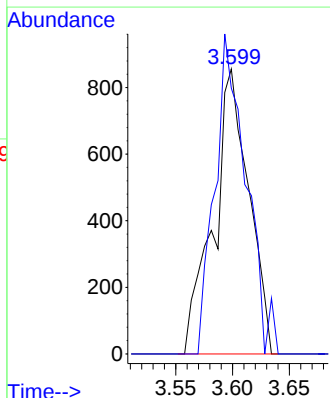
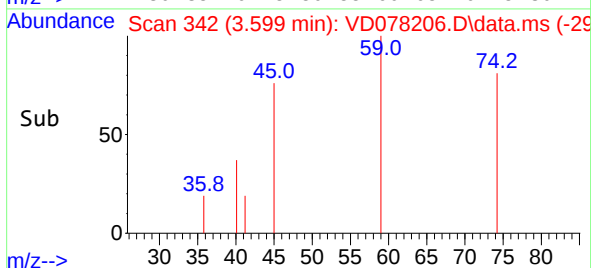
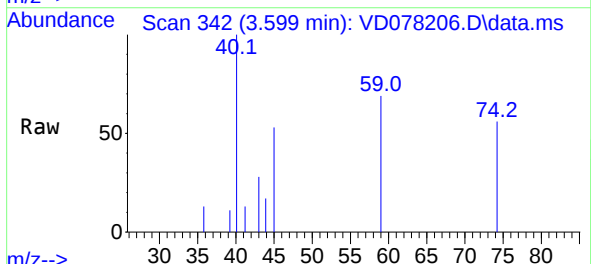
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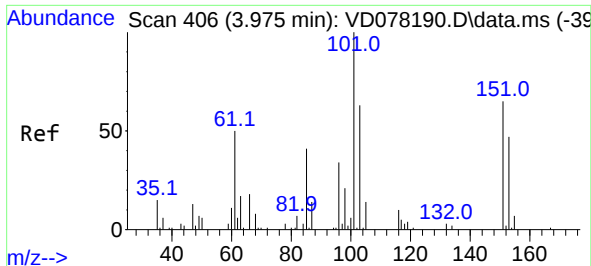
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#8
Diethyl Ether
Concen: 2.458 ug/l
RT: 3.599 min Scan# 342
Delta R.T. 0.000 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

Tgt Ion: 74 Resp: 1847
Ion Ratio Lower Upper
74 100
45 99.7 37.5 112.7





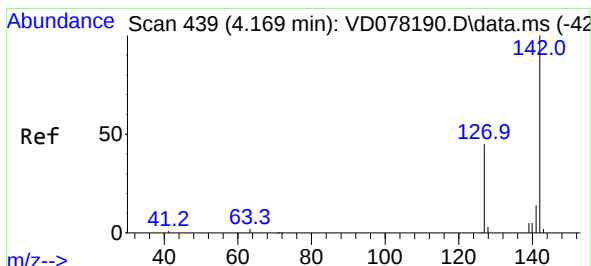
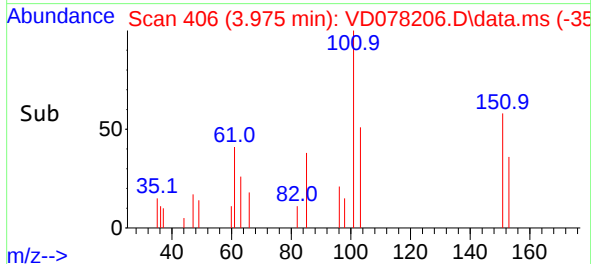
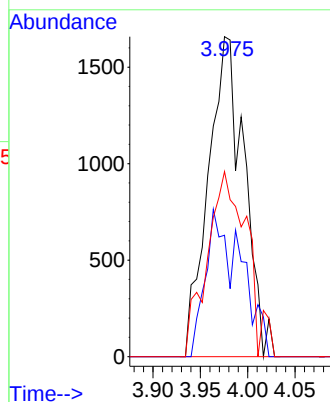
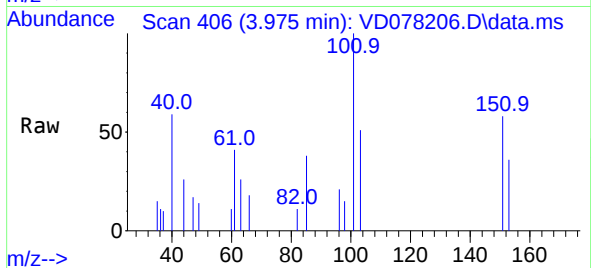
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.783 ug/l
RT: 3.975 min Scan# 406
Delta R.T. 0.000 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

Tgt Ion:101 Resp: 4369
Ion Ratio Lower Upper
101 100
85 27.1 33.8 50.6
151 64.3 59.8 89.6

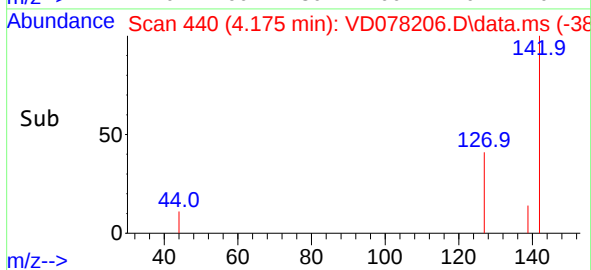
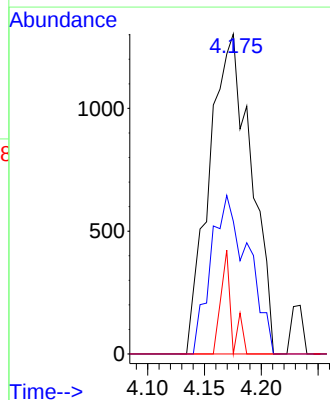
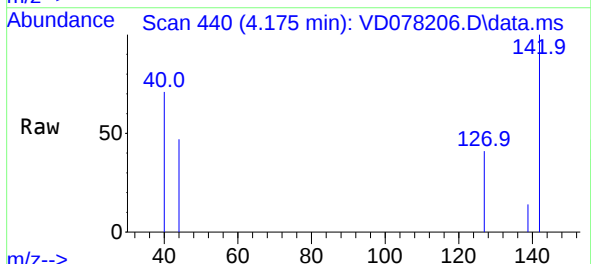
Manual Integrations
APPROVED

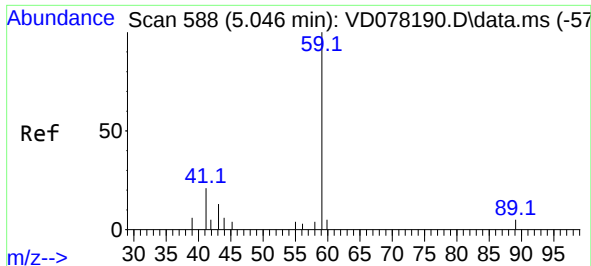
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#10
Methyl Iodide
Concen: 2.118 ug/l
RT: 4.175 min Scan# 440
Delta R.T. 0.006 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

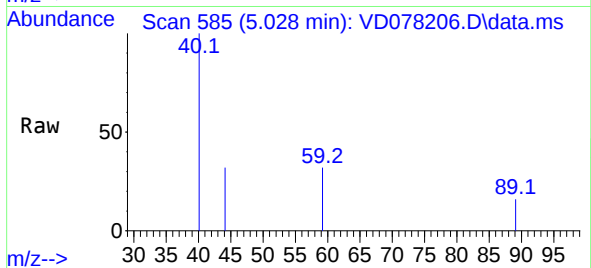
Tgt Ion:142 Resp: 3332
Ion Ratio Lower Upper
142 100
127 44.4 29.4 44.0#
141 8.4 11.1 16.7#





#11
Tert butyl alcohol
Concen: 8.496 ug/l m
RT: 5.028 min Scan# 59
Delta R.T. -0.018 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

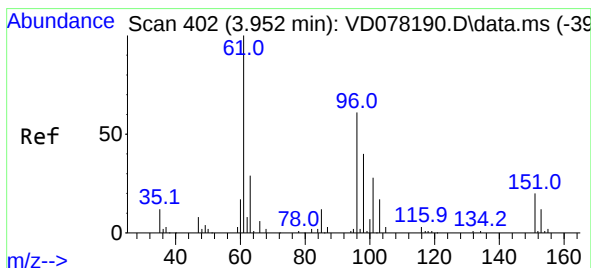
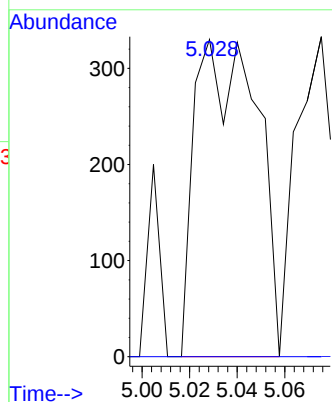
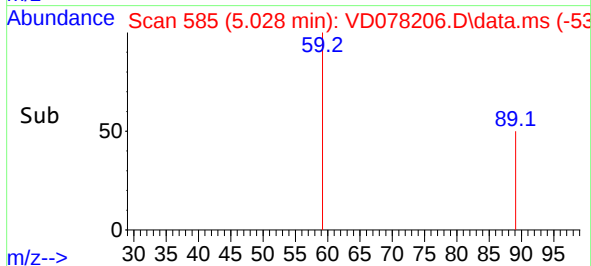
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



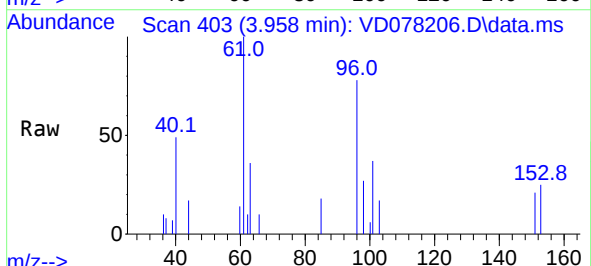
Tgt Ion: 59 Resp: 600
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8

Manual Integrations
APPROVED

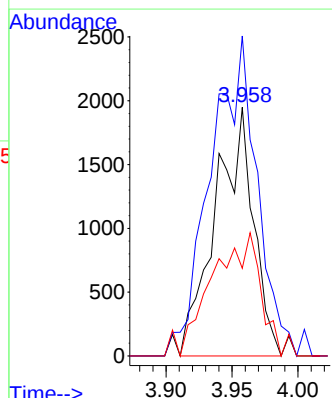
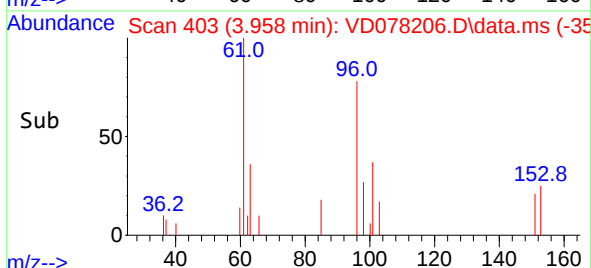
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024

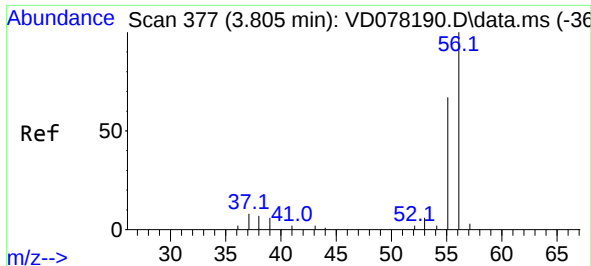


#12
1,1-Dichloroethene
Concen: 2.522 ug/l m
RT: 3.958 min Scan# 403
Delta R.T. 0.006 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21



Tgt Ion: 96 Resp: 3921
Ion Ratio Lower Upper
96 100
61 128.7 100.6 150.8
98 35.2 50.2 75.2





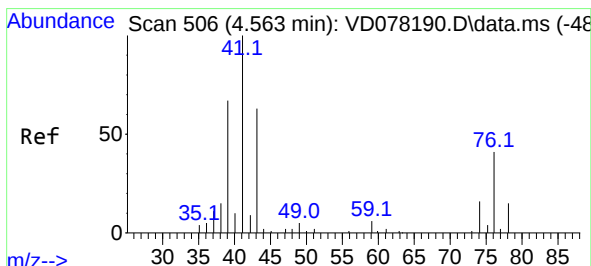
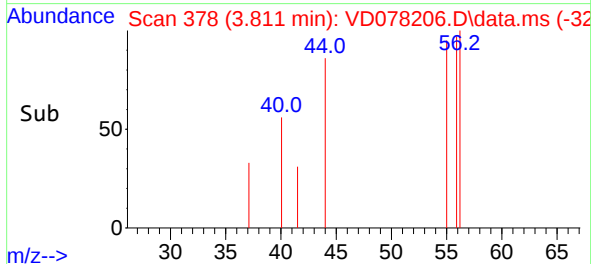
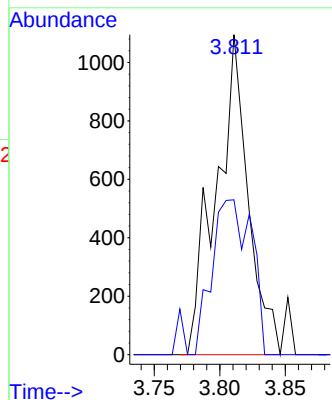
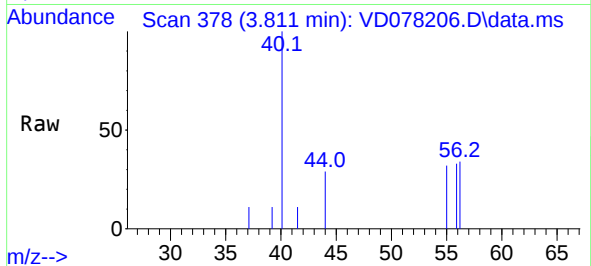
#13
Acrolein
Concen: 11.560 ug/l
RT: 3.811 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

Tgt Ion: 56 Resp: 1874
Ion Ratio Lower Upper
56 100
55 59.6 55.1 82.7

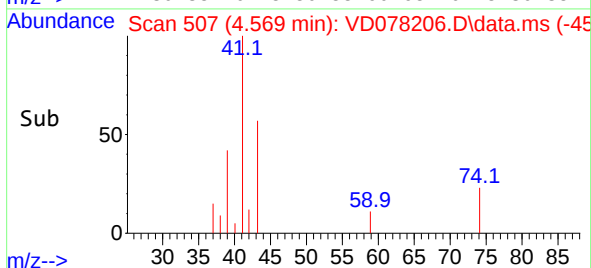
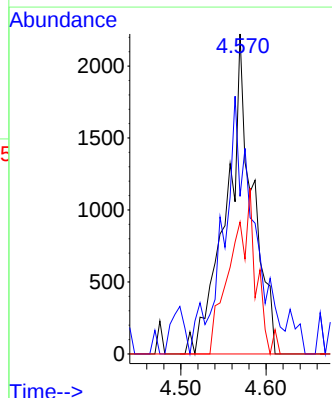
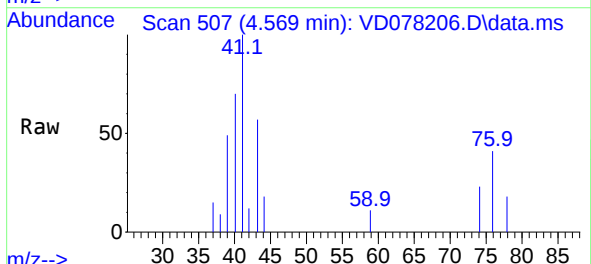
Manual Integrations
APPROVED

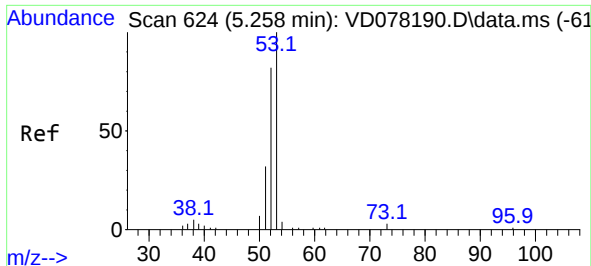
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#14
Allyl chloride
Concen: 2.302 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

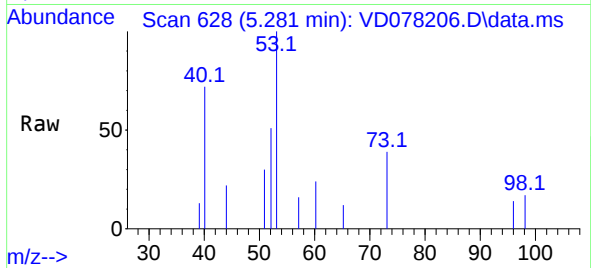
Tgt Ion: 41 Resp: 4721
Ion Ratio Lower Upper
41 100
39 88.5 53.8 80.6#
76 49.2 45.8 68.8





#15
Acrylonitrile
Concen: 12.814 ug/l m
RT: 5.281 min Scan# 61
Delta R.T. 0.024 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

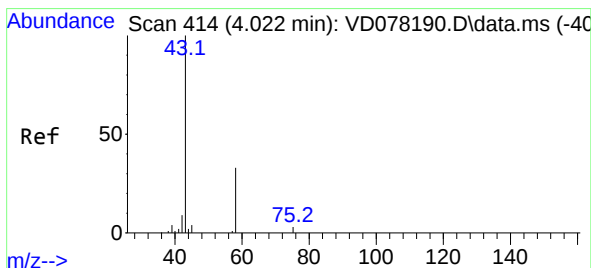
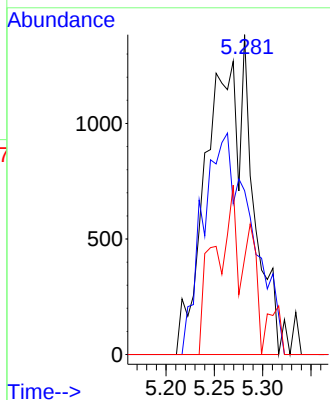
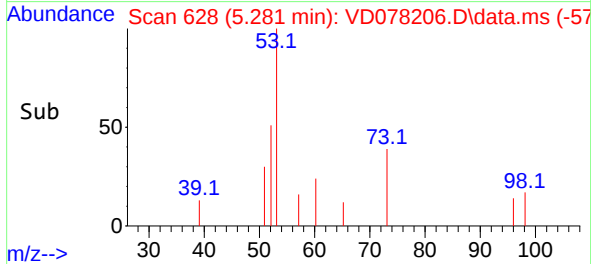
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



Tgt Ion: 53 Resp: 4320
Ion Ratio Lower Upper
53 100
52 77.8 65.0 97.4
51 7.2 28.3 42.5

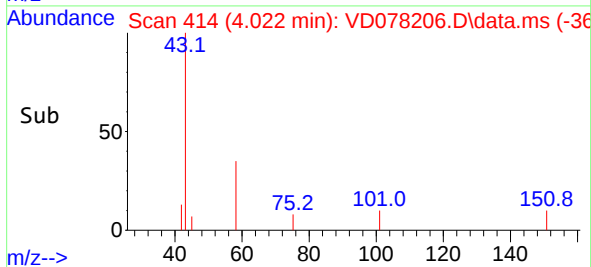
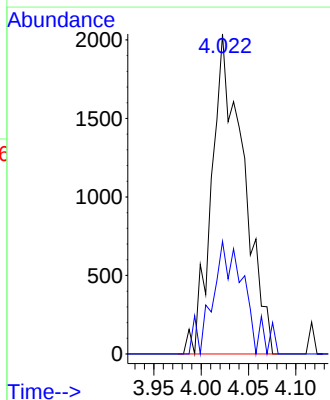
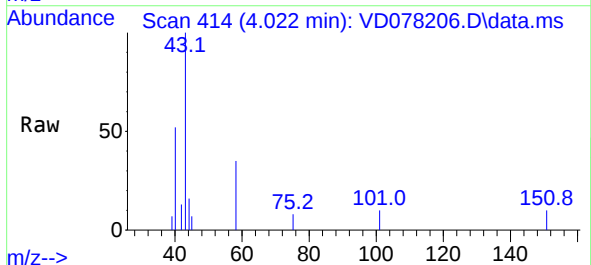
Manual Integrations
APPROVED

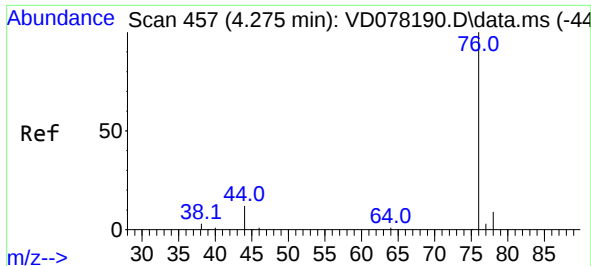
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#16
Acetone
Concen: 11.148 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

Tgt Ion: 43 Resp: 4767
Ion Ratio Lower Upper
43 100
58 35.2 34.7 52.1





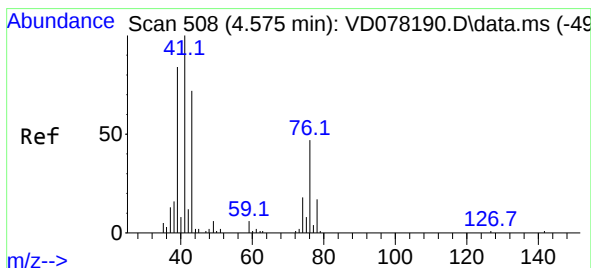
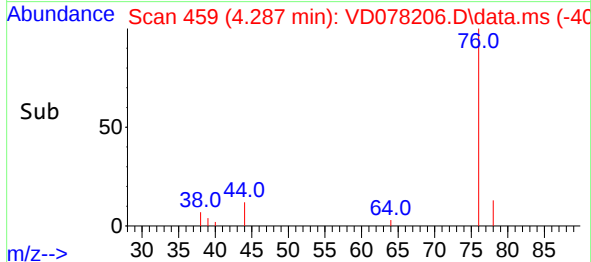
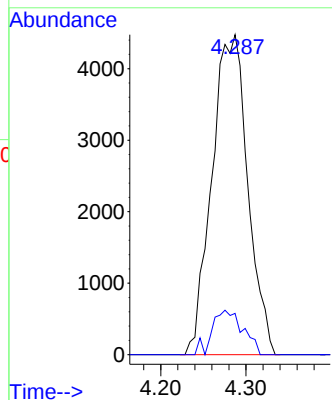
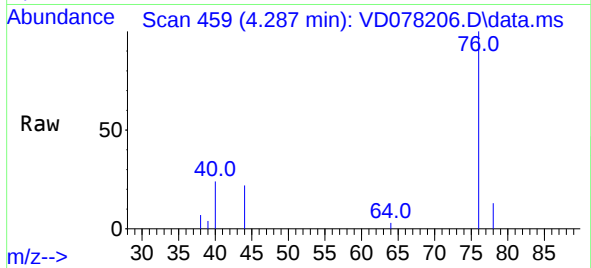
#17
Carbon Disulfide
Concen: 2.595 ug/l
RT: 4.287 min Scan# 41
Delta R.T. 0.012 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

Tgt Ion: 76 Resp: 1308
Ion Ratio Lower Upper
76 100
78 12.9 6.8 10.2

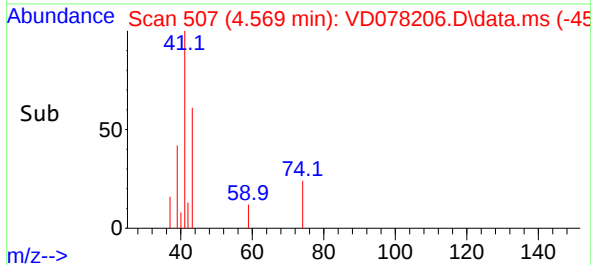
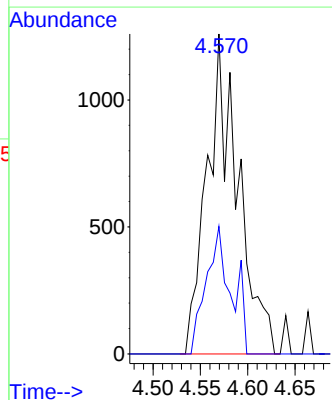
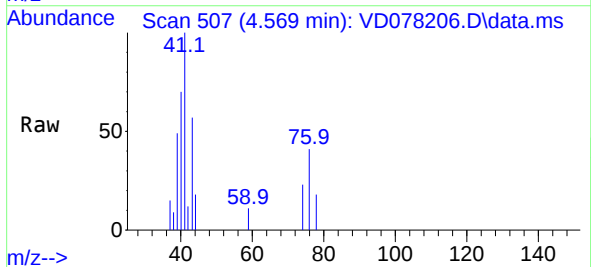
Manual Integrations
APPROVED

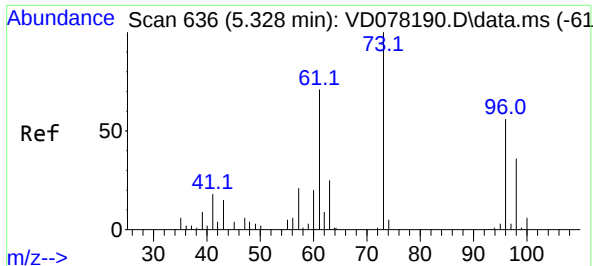
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#18
Methyl Acetate
Concen: 2.315 ug/l
RT: 4.569 min Scan# 507
Delta R.T. -0.006 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

Tgt Ion: 43 Resp: 2857
Ion Ratio Lower Upper
43 100
74 32.2 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 2.039 ug/l

RT: 5.322 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD078206.D

Acq: 23 Jan 2024 14:21

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2024

Tgt Ion: 73 Resp: 661

Ion Ratio Lower Upper

73 100

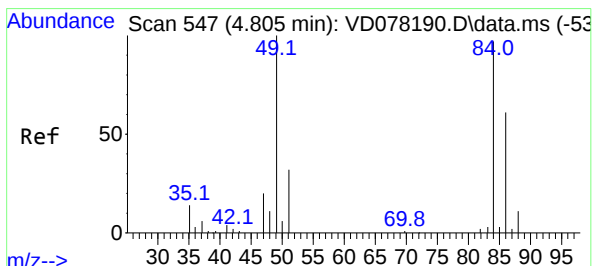
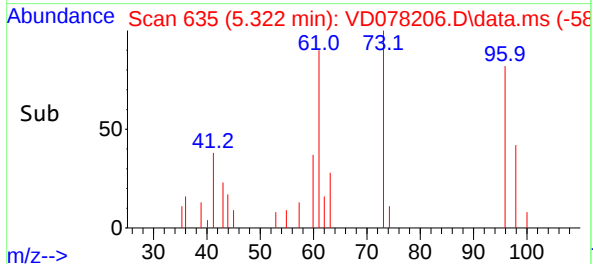
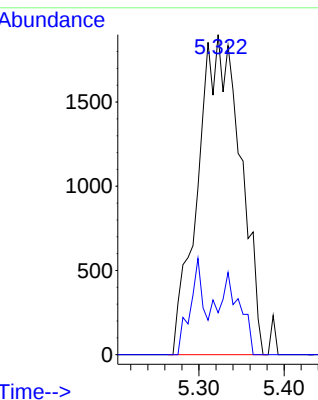
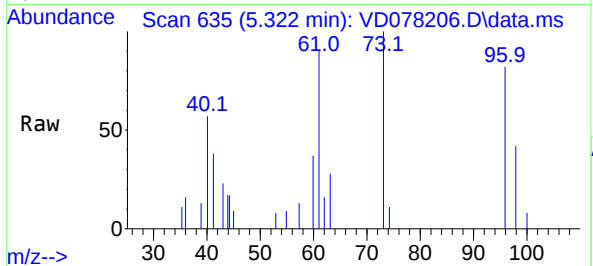
57 13.1 16.6 25.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/25/2024

Supervised By :Semsettin Yesilyurt 01/25/2024



#20

Methylene Chloride

Concen: 3.902 ug/l

RT: 4.805 min Scan# 547

Delta R.T. -0.000 min

Lab File: VD078206.D

Acq: 23 Jan 2024 14:21

Tgt Ion: 84 Resp: 8211

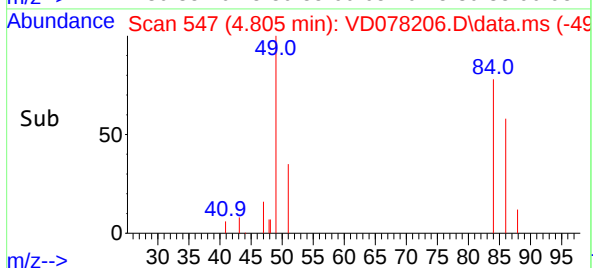
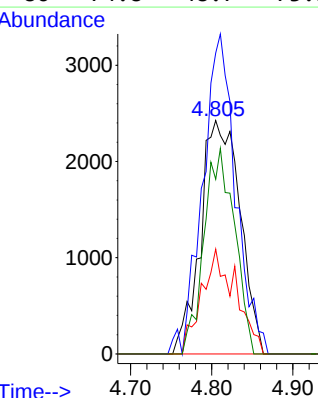
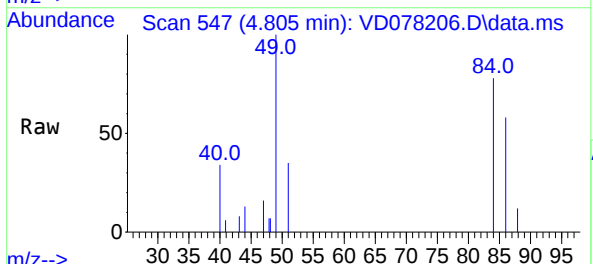
Ion Ratio Lower Upper

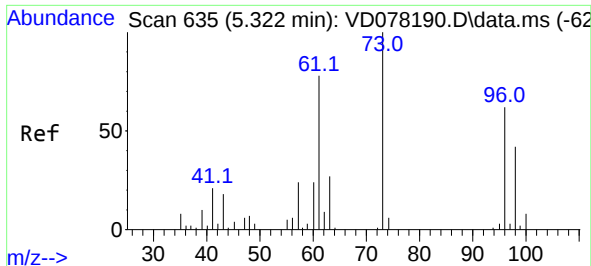
84 100

49 128.9 71.4 107.2#

51 44.9 24.5 36.7#

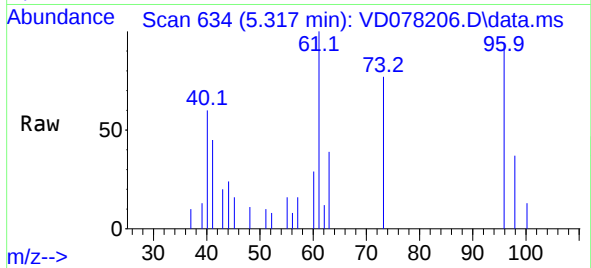
86 74.8 48.7 73.1#





#21
trans-1,2-Dichloroethene
Concen: 2.456 ug/l
RT: 5.317 min Scan# 614
Delta R.T. -0.006 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

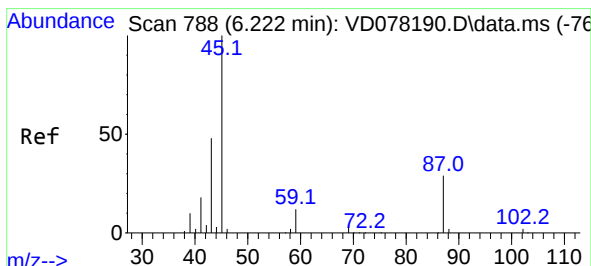
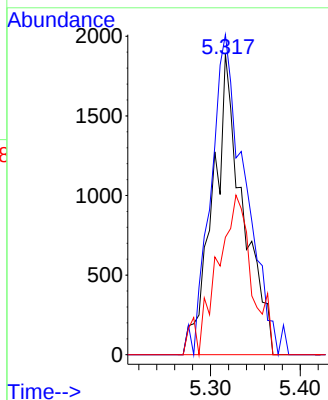
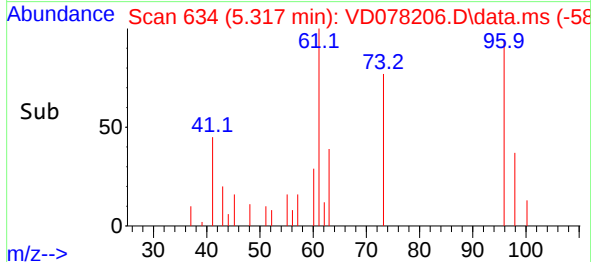
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



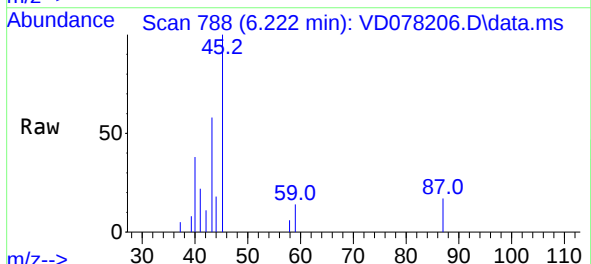
Tgt Ion: 96 Resp: 4414
Ion Ratio Lower Upper
96 100
61 106.3 89.3 133.9
98 39.0 48.6 73.0

Manual Integrations
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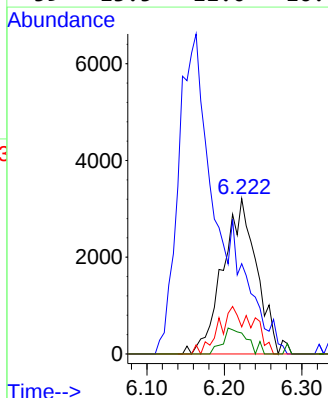
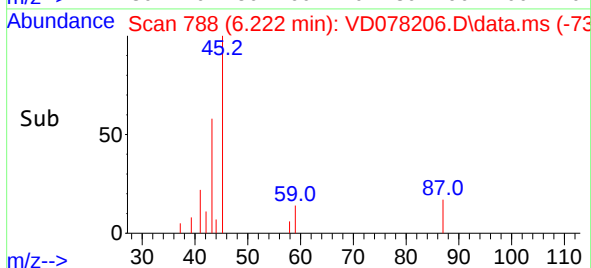
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024

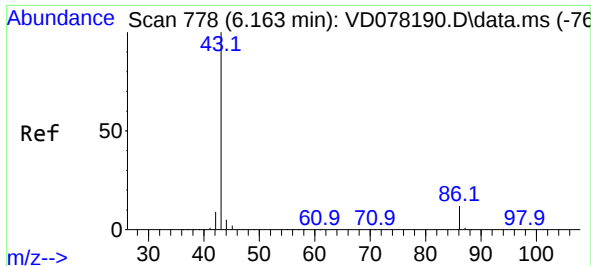


#22
Diisopropyl ether
Concen: 2.225 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.000 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21



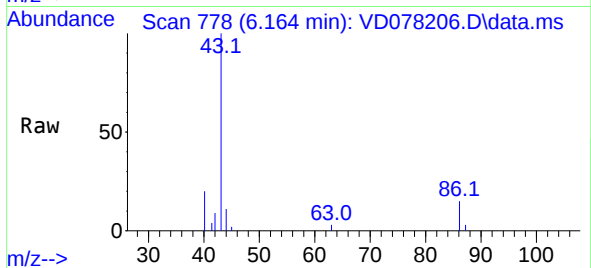
Tgt Ion: 45 Resp: 9659
Ion Ratio Lower Upper
45 100
43 51.6 40.0 60.0
87 17.5 28.2 42.4#
59 13.5 11.0 16.4





#23
Vinyl Acetate
Concen: 11.218 ug/l m
RT: 6.164 min Scan# 71
Delta R.T. 0.000 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

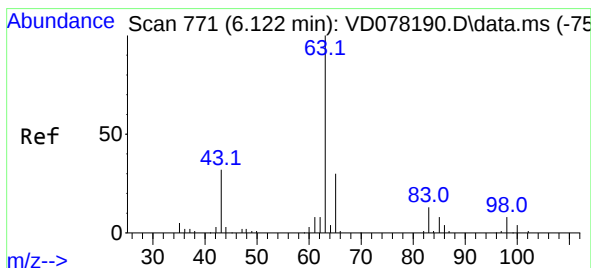
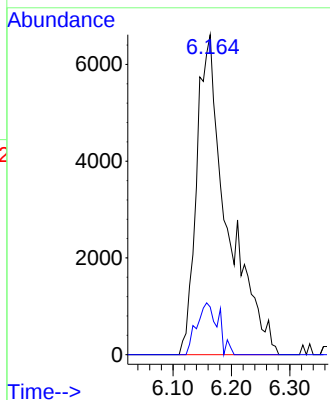
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



Tgt Ion: 43 Resp: 23989
Ion Ratio Lower Upper
43 100
86 14.9 12.5 18.7

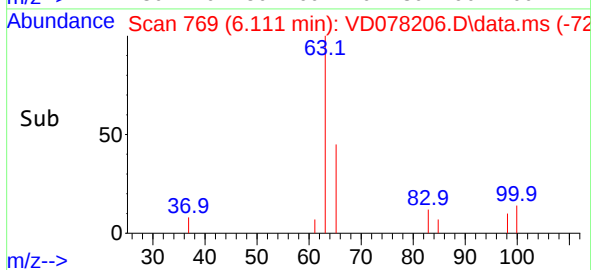
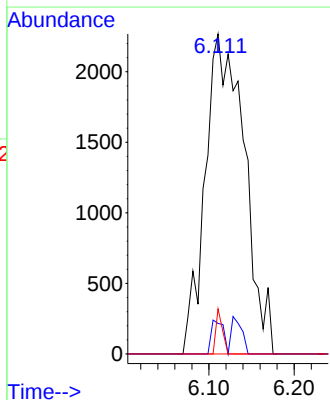
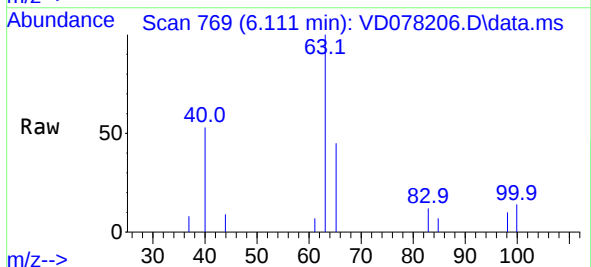
Manual Integrations
APPROVED

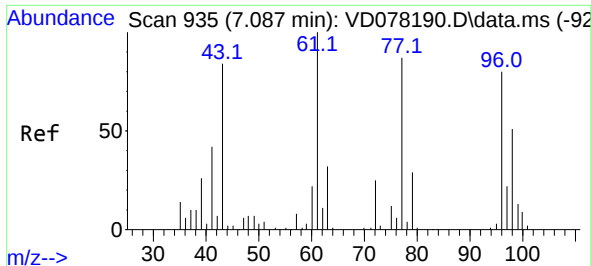
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#24
1,1-Dichloroethane
Concen: 2.413 ug/l
RT: 6.111 min Scan# 769
Delta R.T. -0.012 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

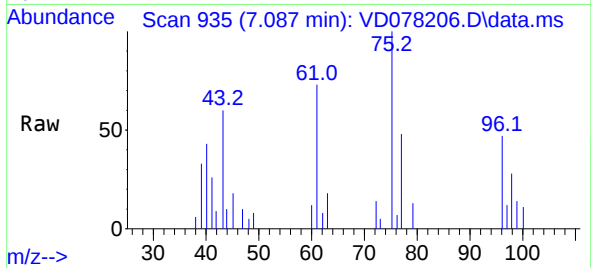
Tgt Ion: 63 Resp: 7237
Ion Ratio Lower Upper
63 100
98 9.6 4.5 13.7
100 14.1 2.5 7.5#





#25
2-Butanone
Concen: 11.433 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

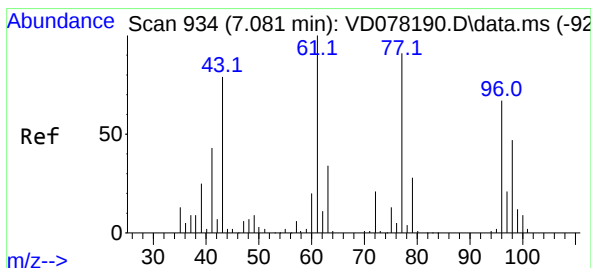
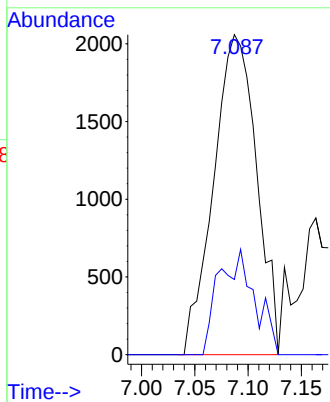
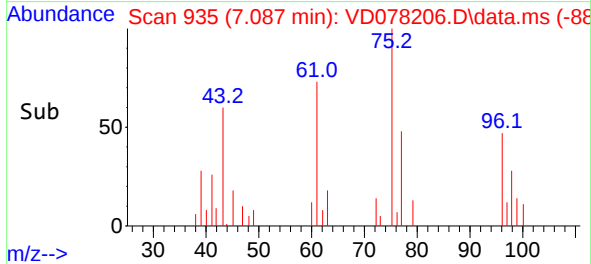
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



Tgt Ion: 43 Resp: 577
Ion Ratio Lower Upper
43 100
72 23.5 30.7 46.1

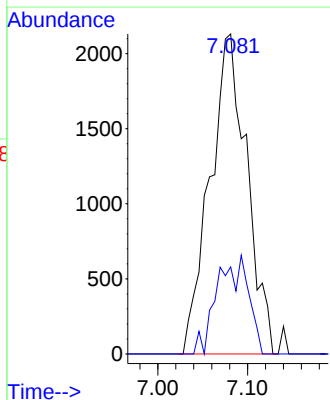
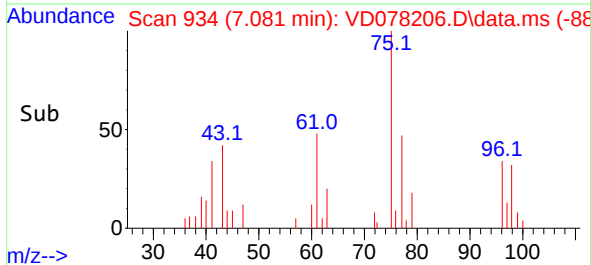
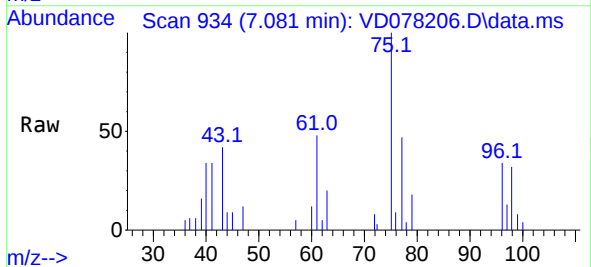
Manual Integrations
APPROVED

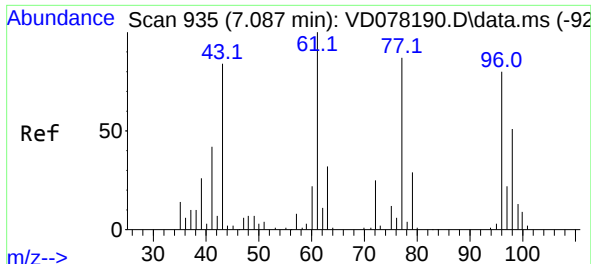
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#26
2,2-Dichloropropane
Concen: 2.420 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.000 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

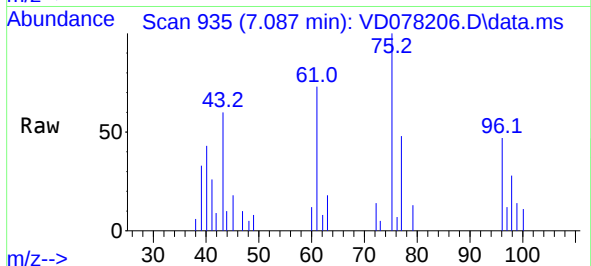
Tgt Ion: 77 Resp: 6079
Ion Ratio Lower Upper
77 100
97 16.8 13.2 39.6





#27
cis-1,2-Dichloroethene
Concen: 2.498 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

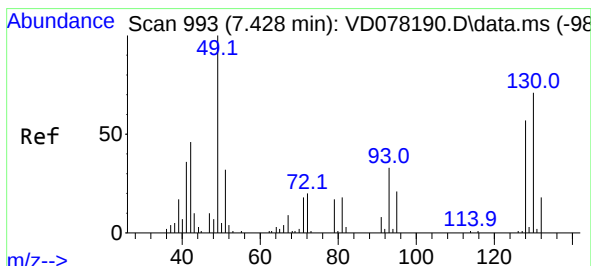
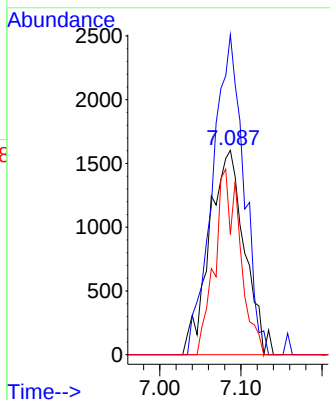
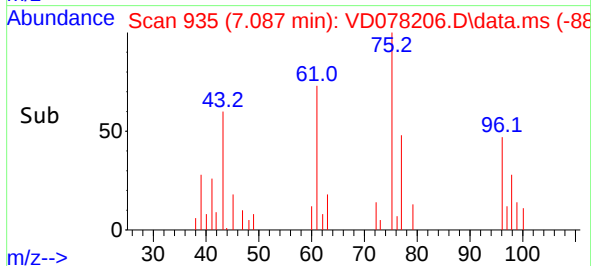
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



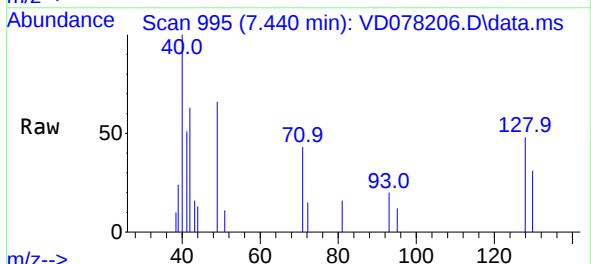
Tgt Ion: 96 Resp: 482
Ion Ratio Lower Upper
96 100
61 139.3 0.0 239.2
98 65.7 0.0 128.6

Manual Integrations
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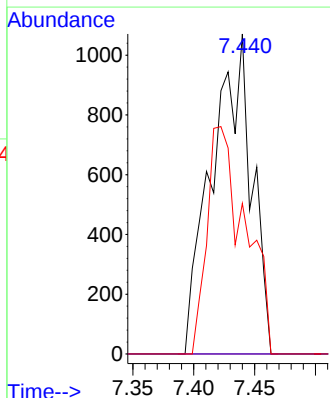
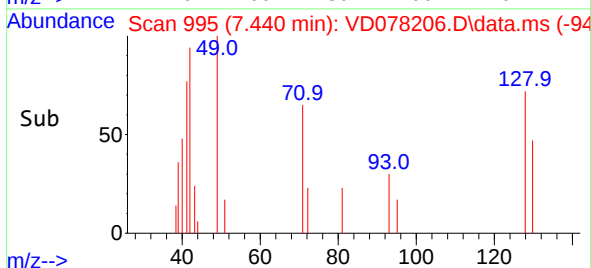
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024

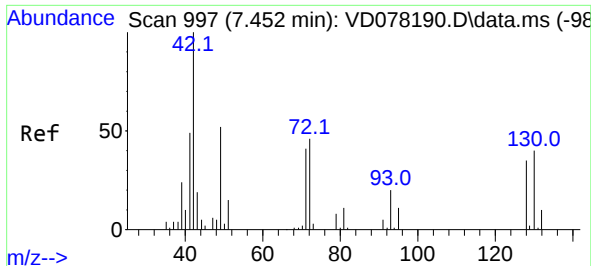


#28
Bromochloromethane
Concen: 2.080 ug/l
RT: 7.440 min Scan# 995
Delta R.T. 0.012 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21



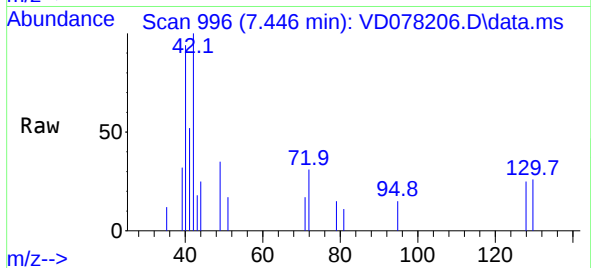
Tgt Ion: 49 Resp: 2433
Ion Ratio Lower Upper
49 100
129 0.0 0.0 6.0
130 68.1 83.2 124.8#





#29
Tetrahydrofuran
Concen: 11.921 ug/l
RT: 7.446 min Scan# 997
Delta R.T. -0.006 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

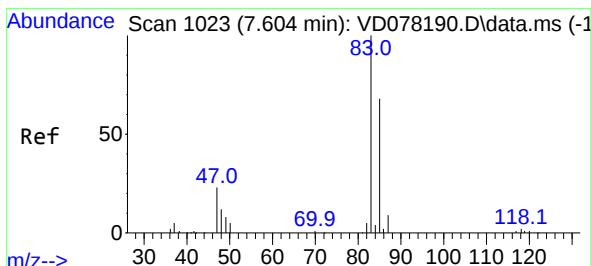
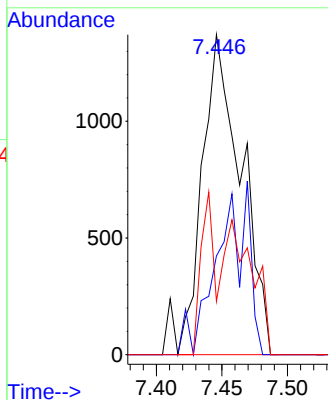
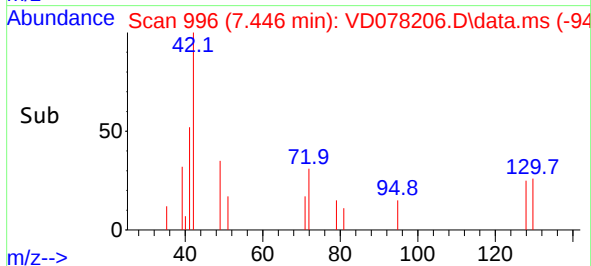
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2024



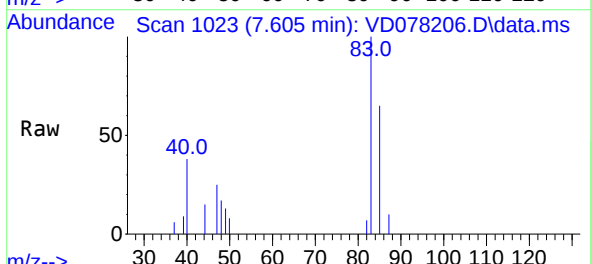
Tgt Ion: 42 Resp: 282
Ion Ratio Lower Upper
42 100
72 0.0 46.5 69.7
71 17.4 44.5 66.7

Manual Integrations
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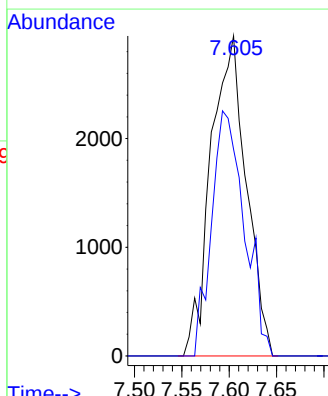
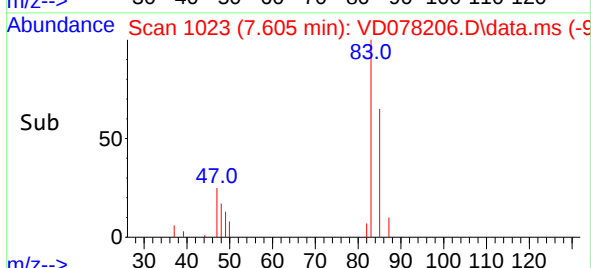
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024

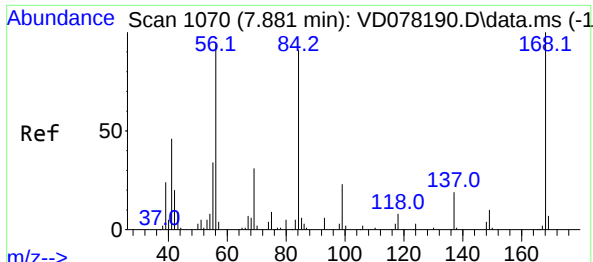


#30
Chloroform
Concen: 2.505 ug/l
RT: 7.605 min Scan# 1023
Delta R.T. 0.000 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21



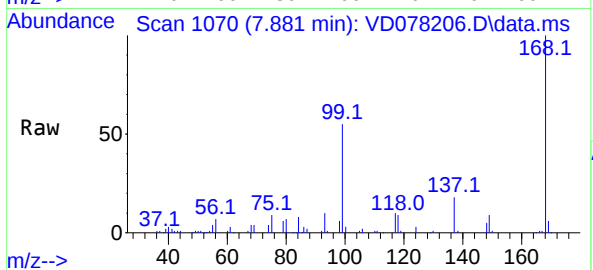
Tgt Ion: 83 Resp: 7641
Ion Ratio Lower Upper
83 100
85 64.6 53.4 80.2





#31
Cyclohexane
Concen: 3.389 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

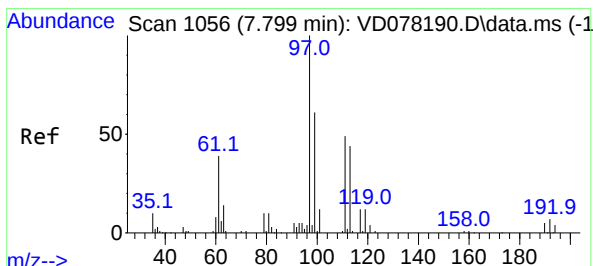
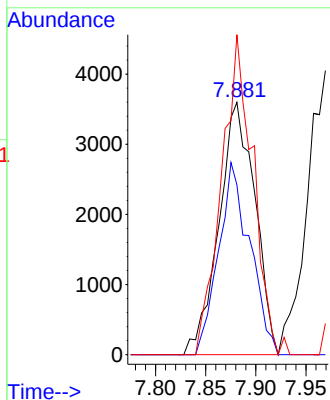
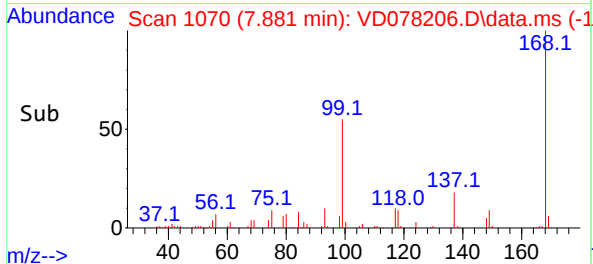
Instrument : MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



Tgt Ion: 56 Resp: 8989
Ion Ratio Lower Upper
56 100
69 67.3 28.6 43.0
84 126.8 84.8 127.2

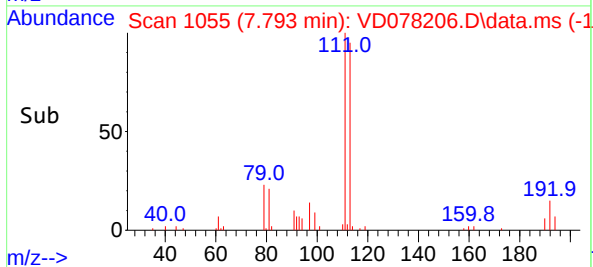
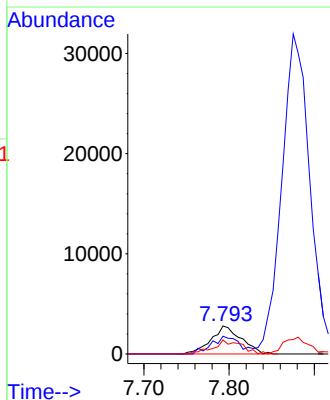
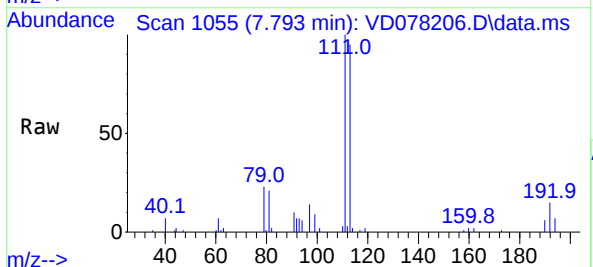
Manual Integrations
APPROVED

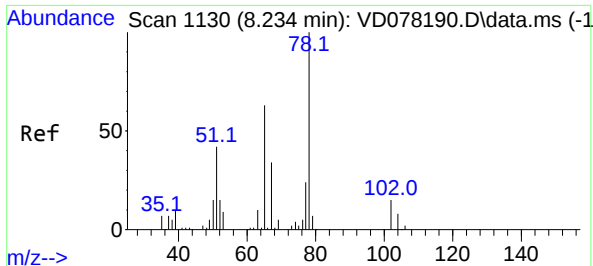
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#32
1,1,1-Trichloroethane
Concen: 2.597 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

Tgt Ion: 97 Resp: 6842
Ion Ratio Lower Upper
97 100
99 60.2 52.0 78.0
61 46.5 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 49.110 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078206.D

Acq: 23 Jan 2024 14:21

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2024

Tgt Ion: 65 Resp: 70440

Ion Ratio Lower Upper

65 100

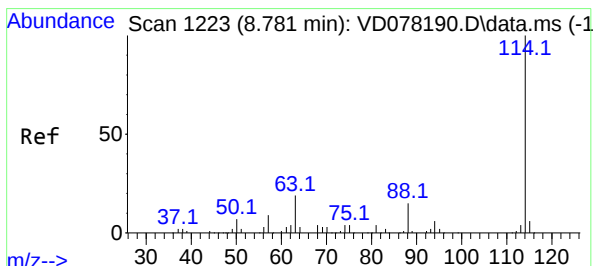
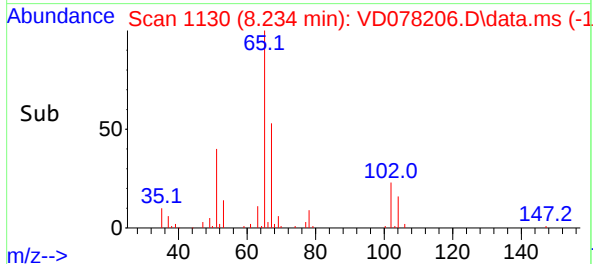
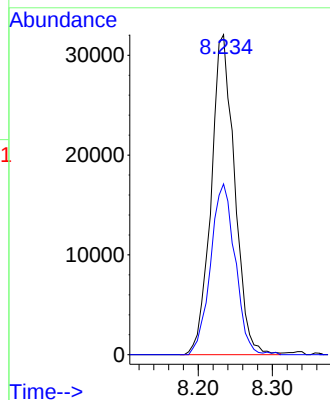
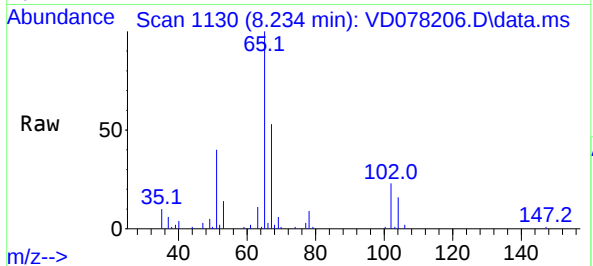
67 55.7 0.0 115.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/25/2024

Supervised By :Semsettin Yesilyurt 01/25/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.000 min

Lab File: VD078206.D

Acq: 23 Jan 2024 14:21

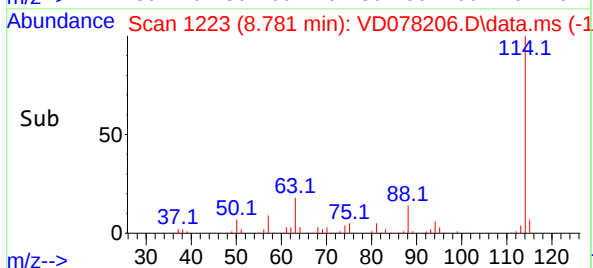
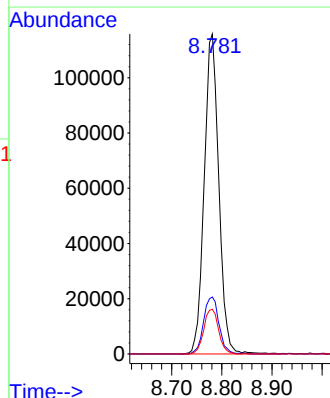
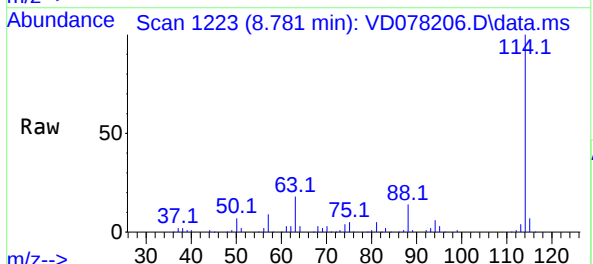
Tgt Ion:114 Resp: 234018

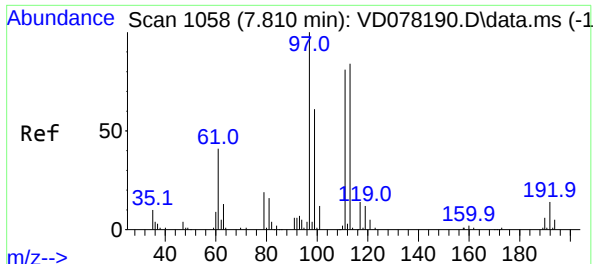
Ion Ratio Lower Upper

114 100

63 17.8 0.0 33.4

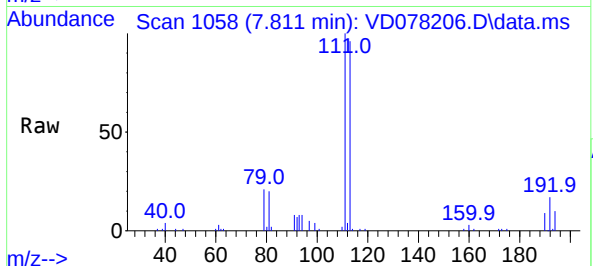
88 14.0 0.0 26.2





#35
Dibromofluoromethane
Concen: 47.865 ug/l
RT: 7.811 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

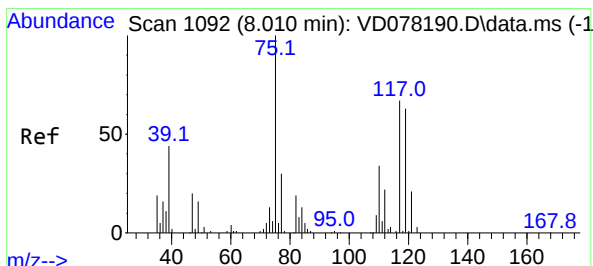
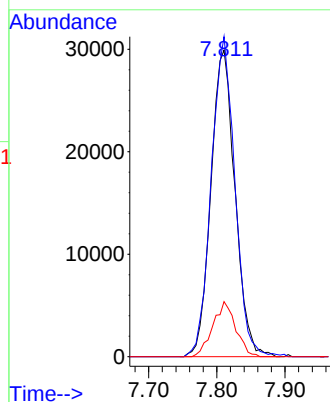
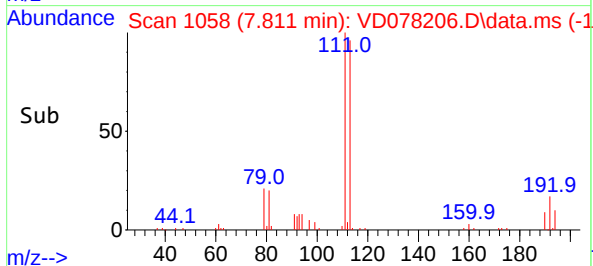
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2024



Tgt Ion: 113 Resp: 73719
Ion Ratio Lower Upper
113 100
111 102.2 84.7 127.1
192 17.0 16.8 25.2

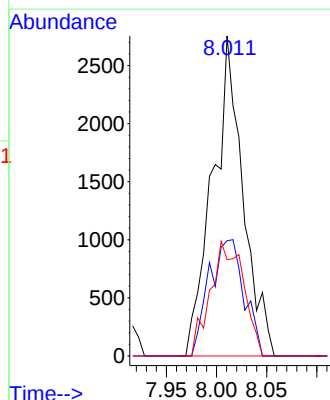
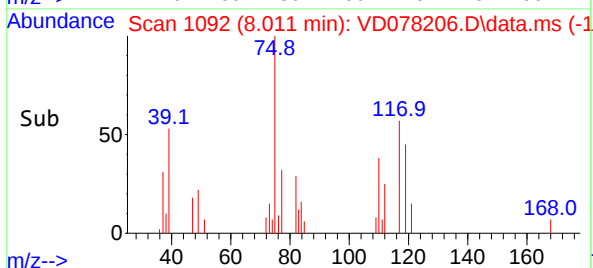
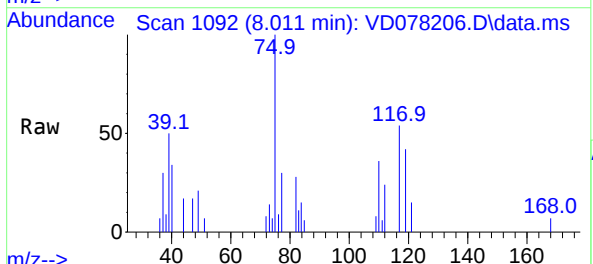
Manual Integrations
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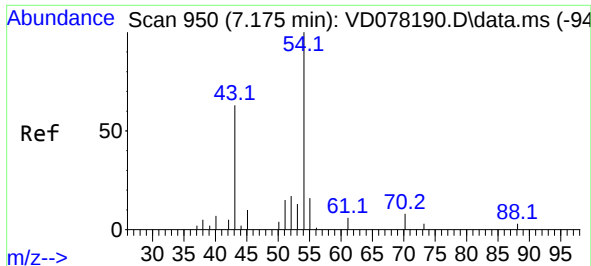
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#36
1,1-Dichloropropene
Concen: 2.303 ug/l
RT: 8.011 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

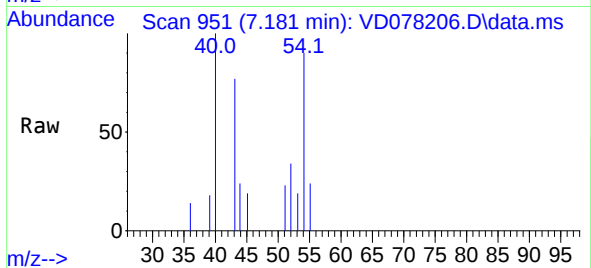
Tgt Ion: 75 Resp: 5832
Ion Ratio Lower Upper
75 100
110 41.5 19.9 59.6
77 38.6 24.7 37.1#





#37
Ethyl Acetate
Concen: 2.905 ug/l m
RT: 7.181 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

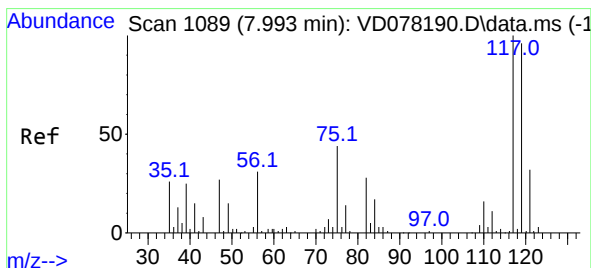
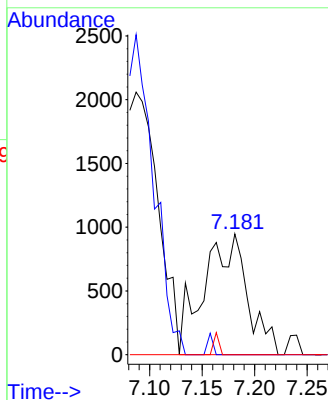
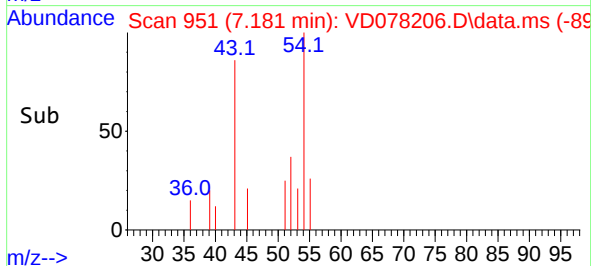
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



Tgt Ion: 43 Resp: 2739
Ion Ratio Lower Upper
43 100
61 0.0 14.9 22.3
70 2.2 10.0 15.0

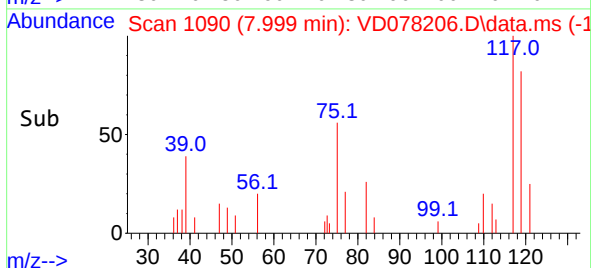
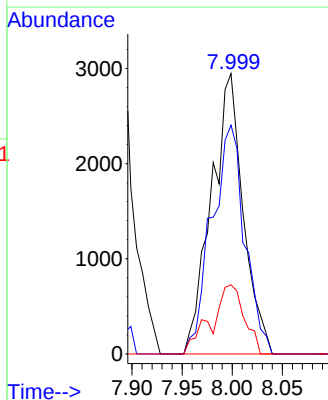
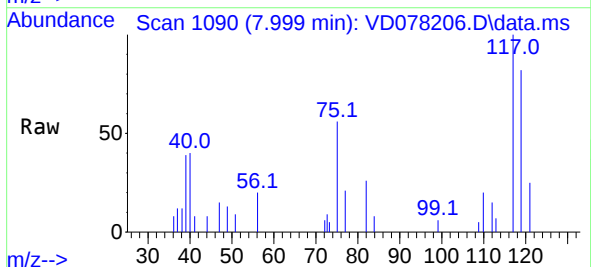
Manual Integrations
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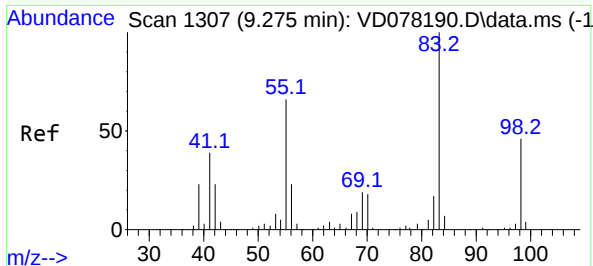
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#38
Carbon Tetrachloride
Concen: 2.609 ug/l
RT: 7.999 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

Tgt Ion:117 Resp: 6526
Ion Ratio Lower Upper
117 100
119 81.6 78.0 117.0
121 24.7 24.2 36.2





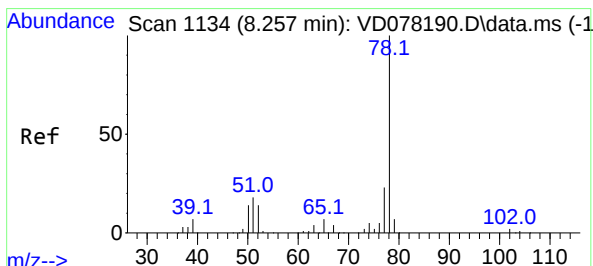
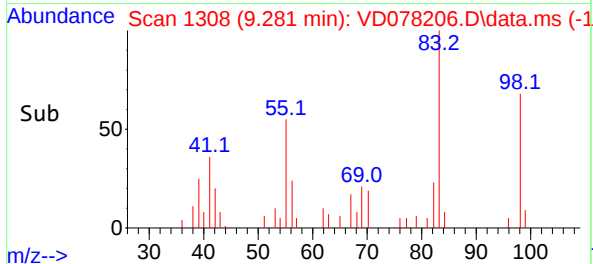
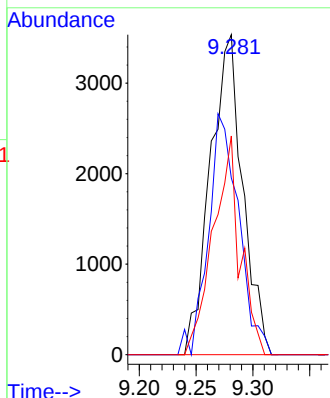
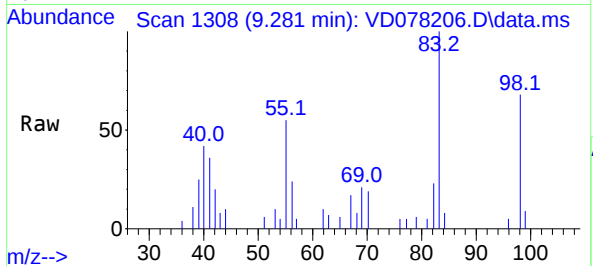
#39
Methylcyclohexane
Concen: 2.345 ug/l
RT: 9.281 min Scan# 11308
Delta R.T. 0.006 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

Tgt Ion: 83 Resp: 7024
Ion Ratio Lower Upper
83 100
55 55.2 49.4 74.0
98 68.4 38.4 57.6

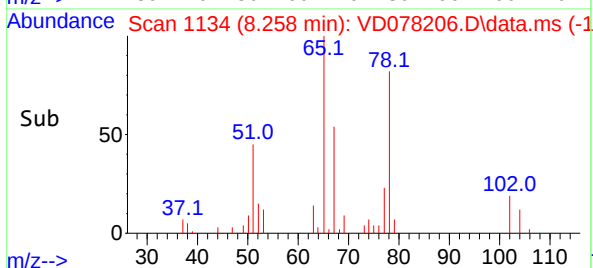
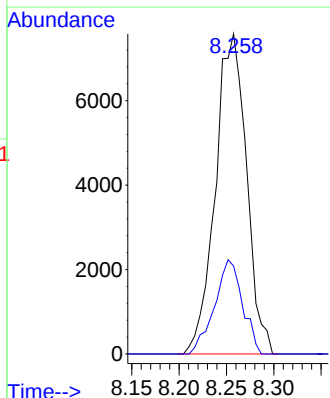
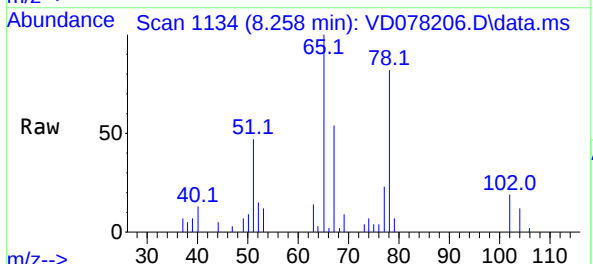
Manual Integrations
APPROVED

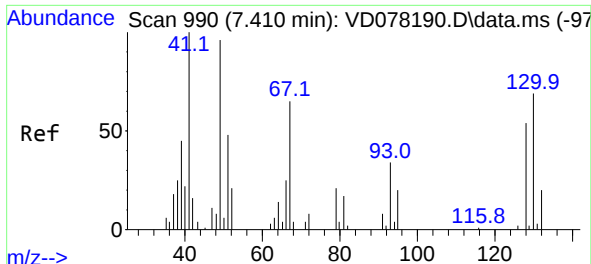
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#40
Benzene
Concen: 2.408 ug/l
RT: 8.258 min Scan# 1134
Delta R.T. 0.000 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

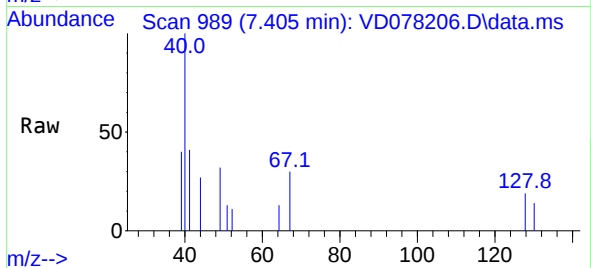
Tgt Ion: 78 Resp: 17306
Ion Ratio Lower Upper
78 100
77 27.5 19.4 29.0





#41
Methacrylonitrile
Concen: 2.057 ug/l m
RT: 7.405 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

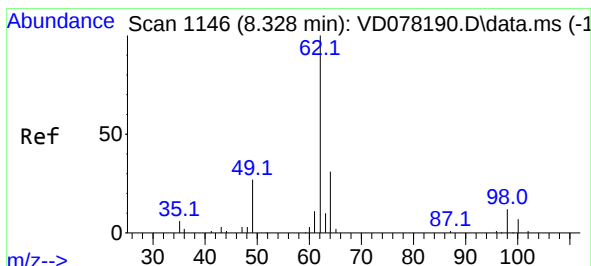
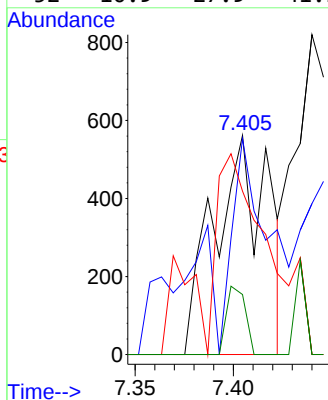
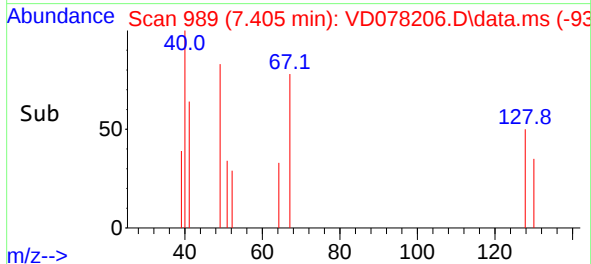
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



Tgt Ion: 41 Resp: 1065
Ion Ratio Lower Upper
41 100
39 68.2 34.0 51.0
67 88.7 77.0 115.4
52 10.9 27.9 41.9#

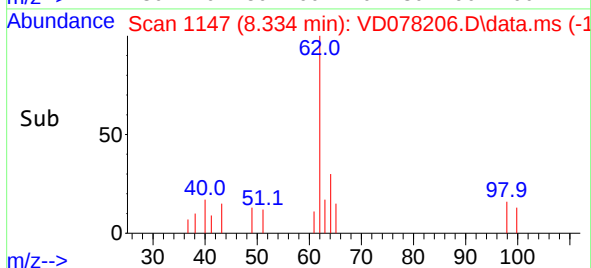
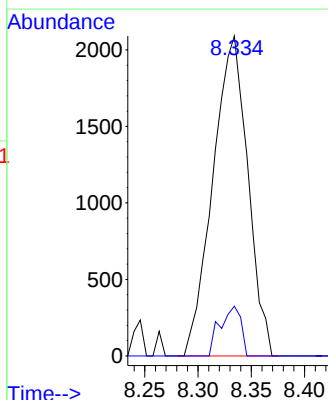
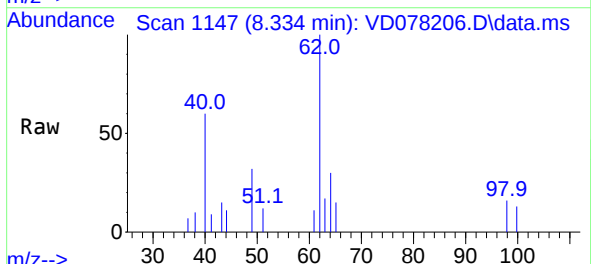
Manual Integrations
APPROVED

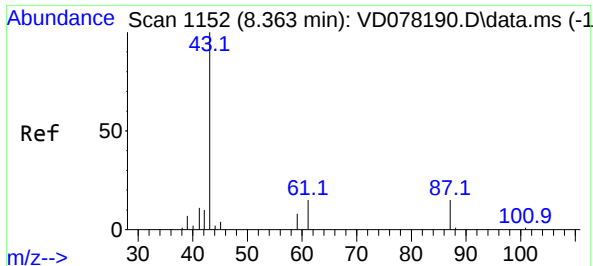
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#42
1,2-Dichloroethane
Concen: 2.550 ug/l
RT: 8.334 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

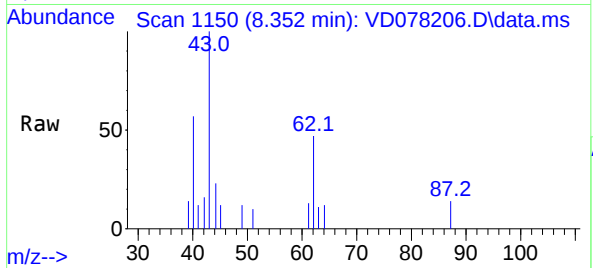
Tgt Ion: 62 Resp: 4769
Ion Ratio Lower Upper
62 100
98 9.3 0.0 25.4





#43
Isopropyl Acetate
Concen: 2.017 ug/l
RT: 8.352 min Scan# 1150
Delta R.T. -0.012 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

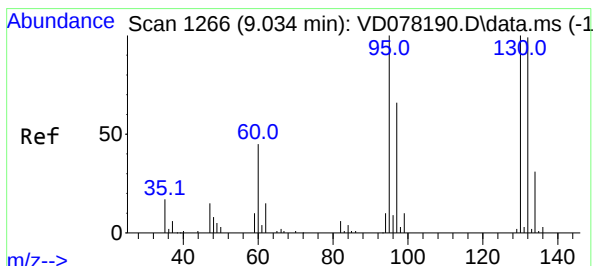
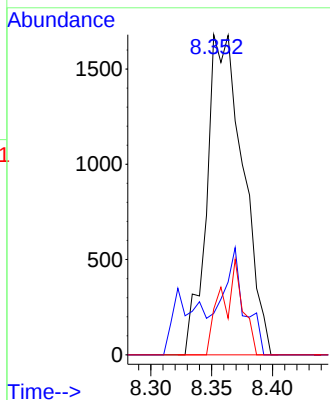
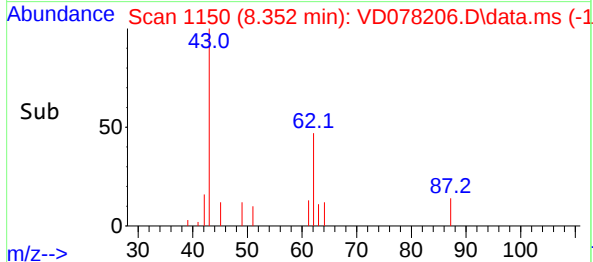
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2024



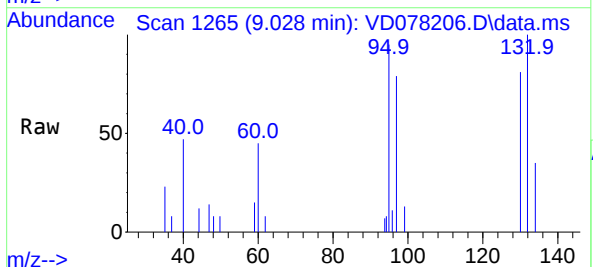
Tgt Ion: 43 Resp: 348
Ion Ratio Lower Upper
43 100
61 21.0 31.4 47.0
87 17.2 14.9 22.3

Manual Integrations
APPROVED

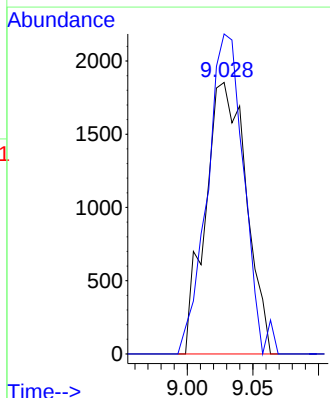
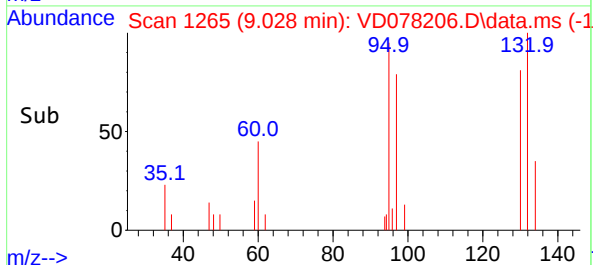
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024

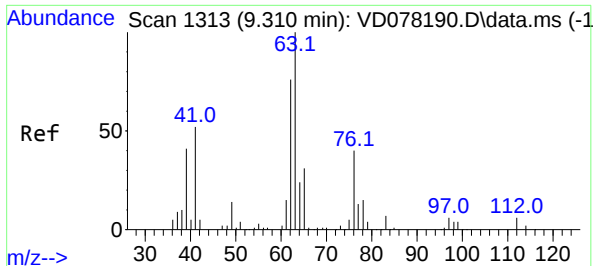


#44
Trichloroethene
Concen: 2.185 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.006 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21



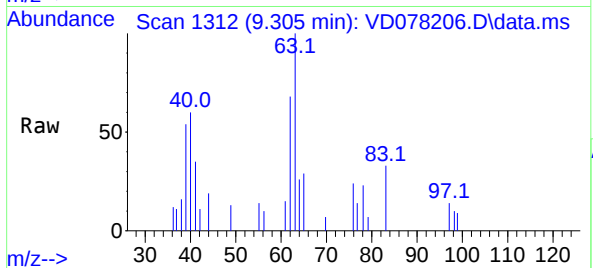
Tgt Ion:130 Resp: 4017
Ion Ratio Lower Upper
130 100
95 117.9 0.0 179.2





#45
1,2-Dichloropropane
Concen: 2.408 ug/l
RT: 9.305 min Scan# 1312
Delta R.T. -0.006 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

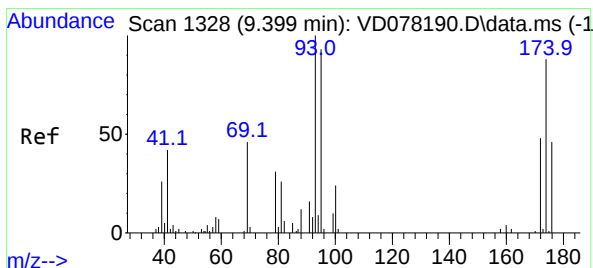
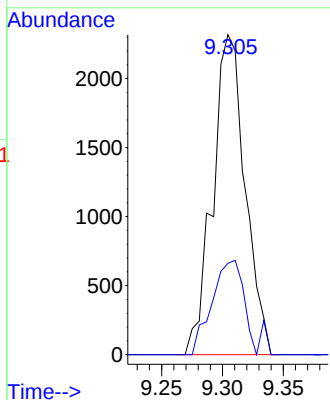
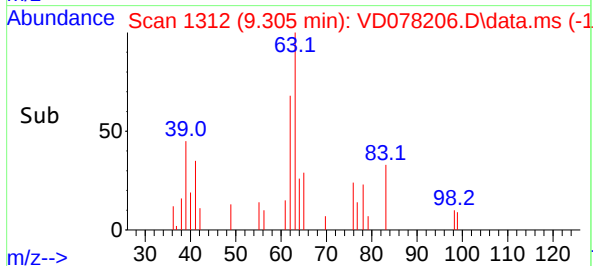
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



Tgt Ion: 63 Resp: 429
Ion Ratio Lower Upper
63 100
65 28.5 24.5 36.7

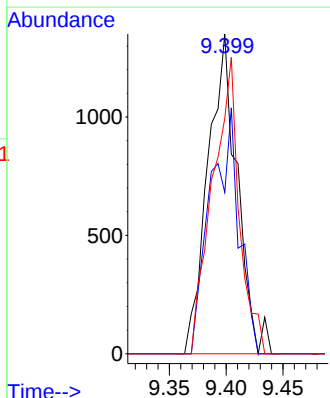
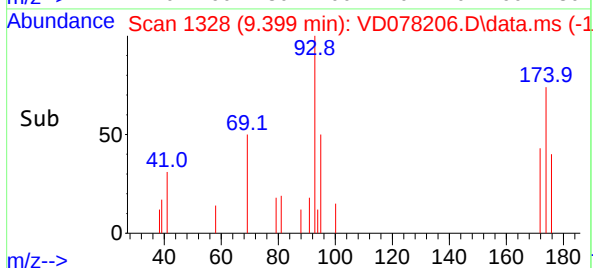
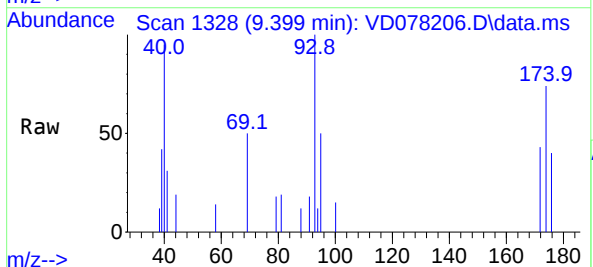
Manual Integrations
APPROVED

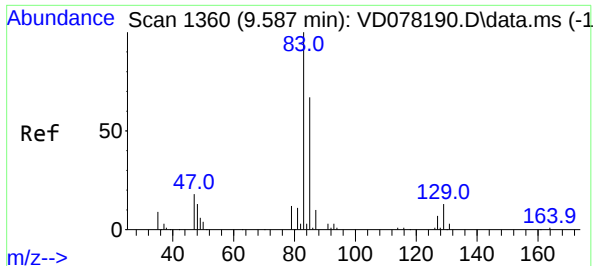
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#46
Dibromomethane
Concen: 2.465 ug/l
RT: 9.399 min Scan# 1328
Delta R.T. 0.000 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

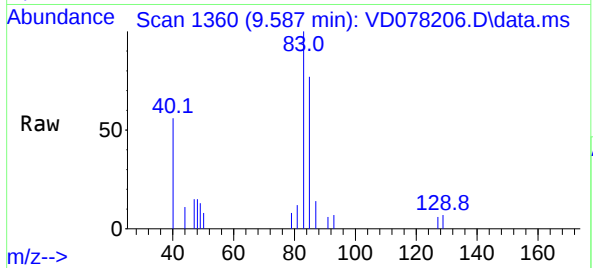
Tgt Ion: 93 Resp: 2414
Ion Ratio Lower Upper
93 100
95 75.1 67.7 101.5
174 85.0 85.4 128.2#





#47
Bromodichloromethane
Concen: 2.549 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

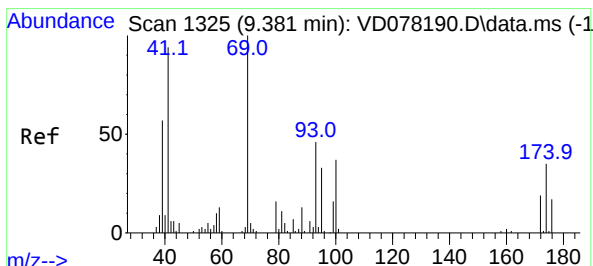
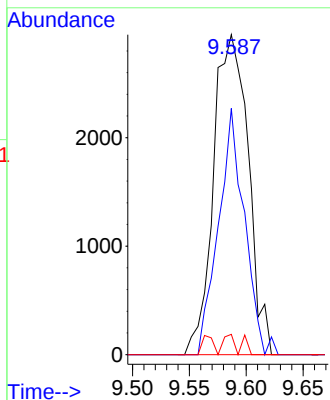
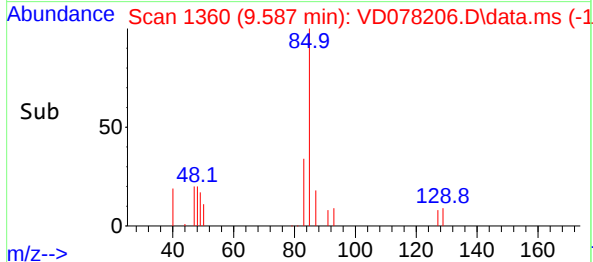
Instrument : MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



Tgt Ion: 83 Resp: 627
Ion Ratio Lower Upper
83 100
85 76.9 50.2 75.4#
127 6.3 6.3 9.5

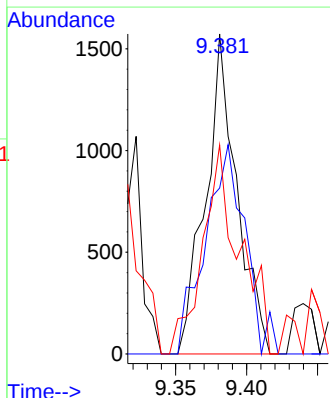
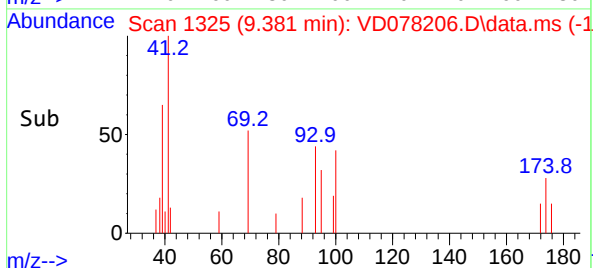
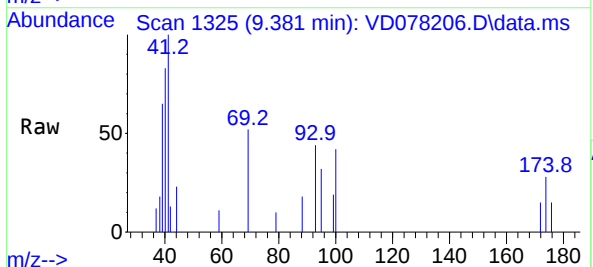
Manual Integrations
APPROVED

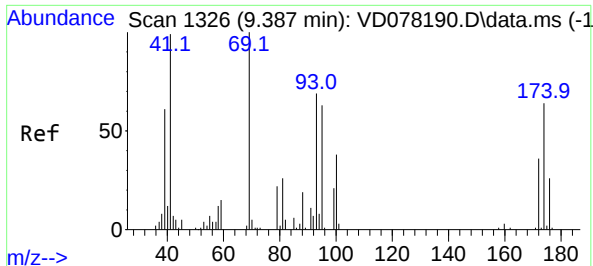
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#48
Methyl methacrylate
Concen: 2.412 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

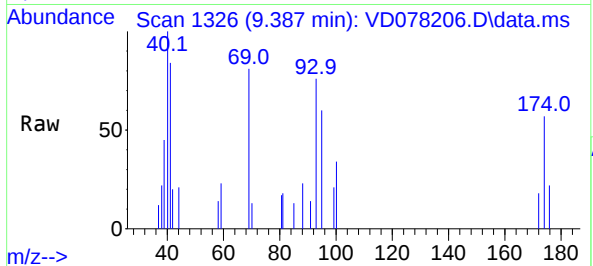
Tgt Ion: 41 Resp: 2412
Ion Ratio Lower Upper
41 100
69 83.2 102.2 153.2#
39 76.9 41.4 62.2#





#49
1,4-Dioxane
Concen: 27.013 ug/l
RT: 9.387 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

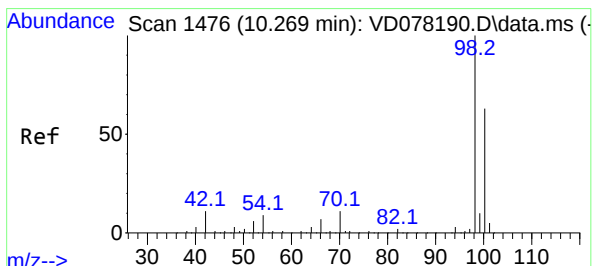
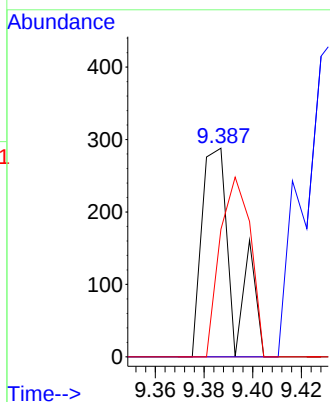
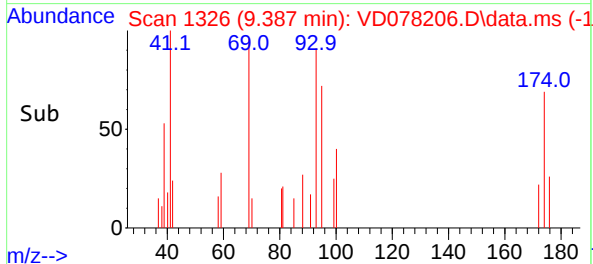
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



Tgt Ion: 88 Resp: 250
Ion Ratio Lower Upper
88 100
43 0.0 19.0 28.6
58 84.4 43.5 65.3

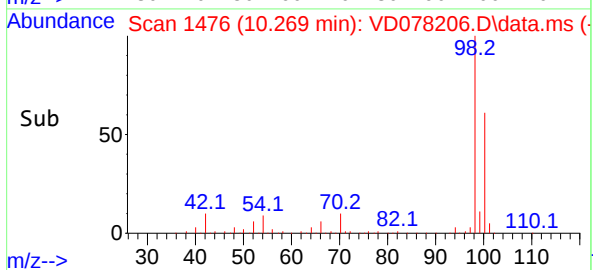
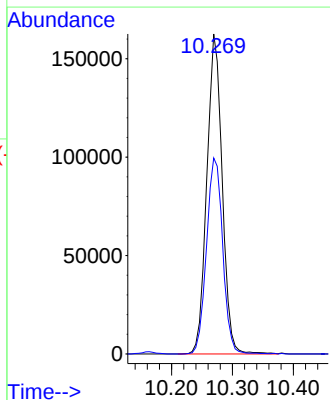
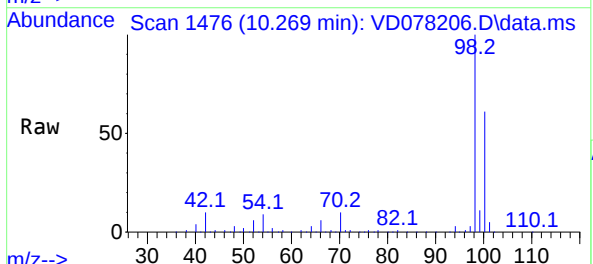
Manual Integrations
APPROVED

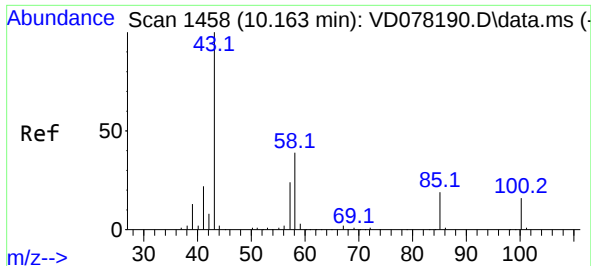
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#50
Toluene-d8
Concen: 46.744 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

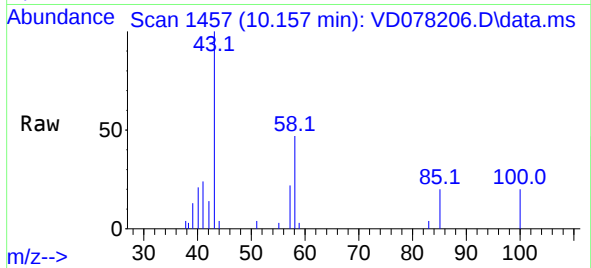
Tgt Ion: 98 Resp: 285065
Ion Ratio Lower Upper
98 100
100 64.7 50.3 75.5





#51
4-Methyl-2-Pentanone
Concen: 10.598 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

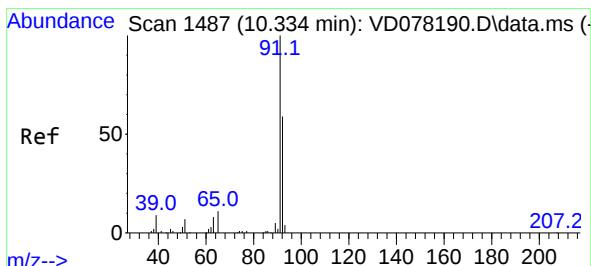
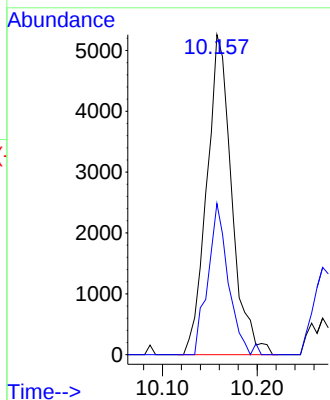
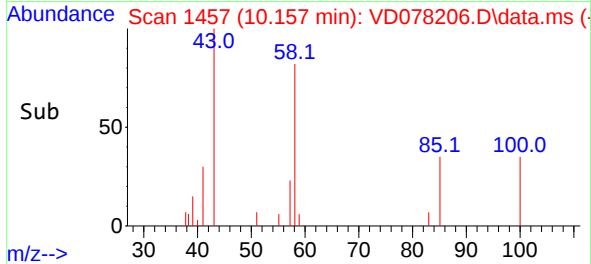
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2024



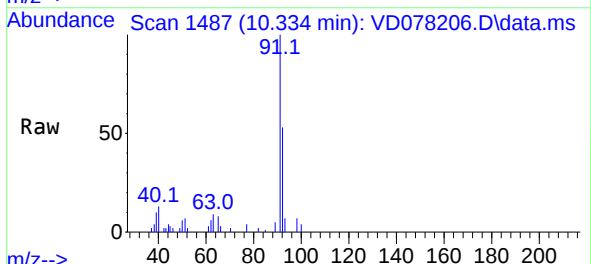
Tgt Ion: 43 Resp: 9620
Ion Ratio Lower Upper
43 100
58 38.6 38.9 58.3

Manual Integrations
APPROVED

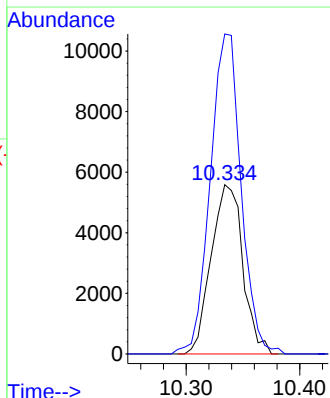
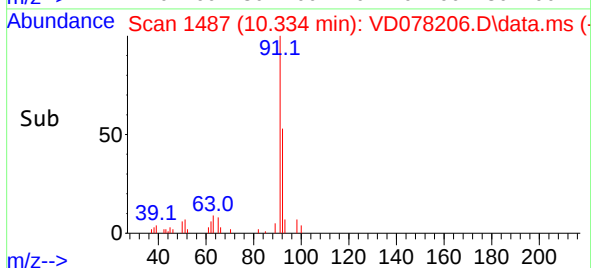
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024

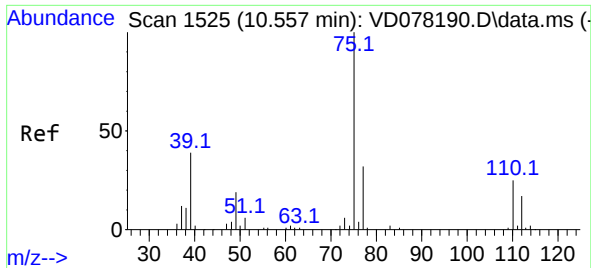


#52
Toluene
Concen: 2.371 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21



Tgt Ion: 92 Resp: 10802
Ion Ratio Lower Upper
92 100
91 184.4 143.0 214.4





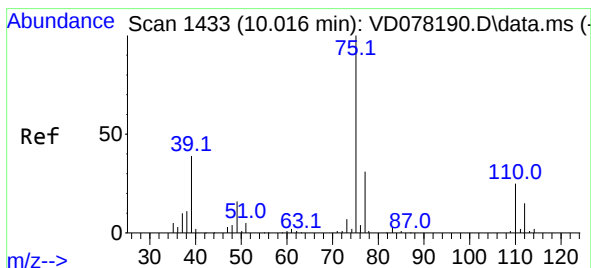
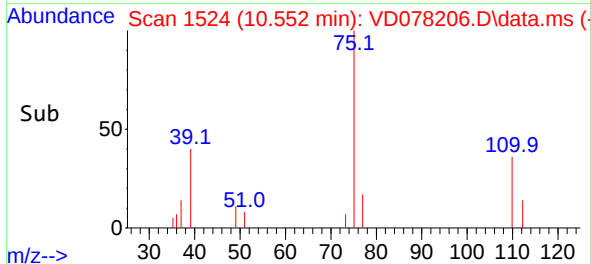
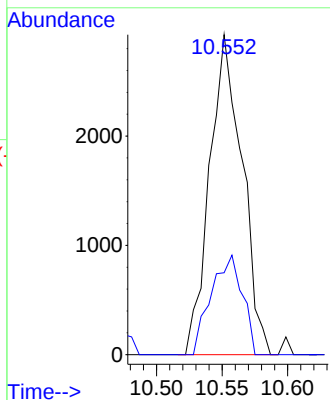
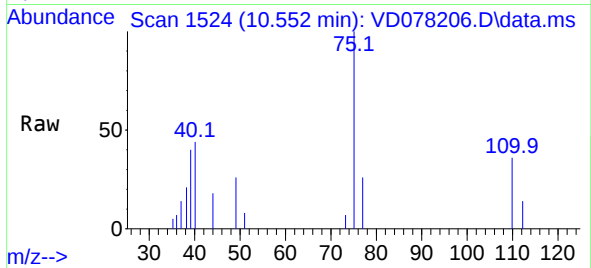
#53
t-1,3-Dichloropropene
Concen: 2.225 ug/l
RT: 10.552 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

Tgt Ion: 75 Resp: 505
Ion Ratio Lower Upper
75 100
77 25.6 25.3 37.9

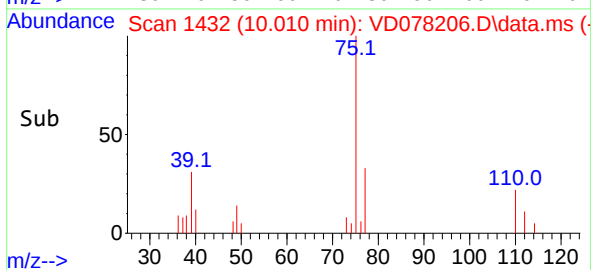
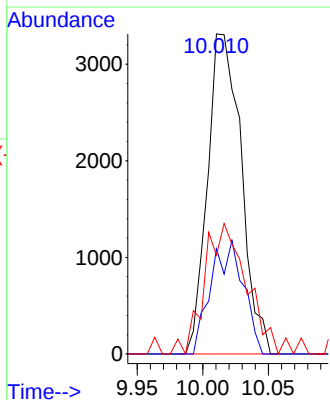
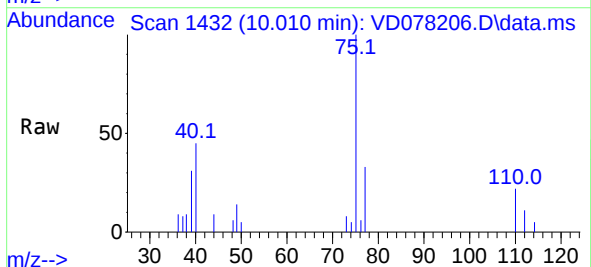
Manual Integrations
APPROVED

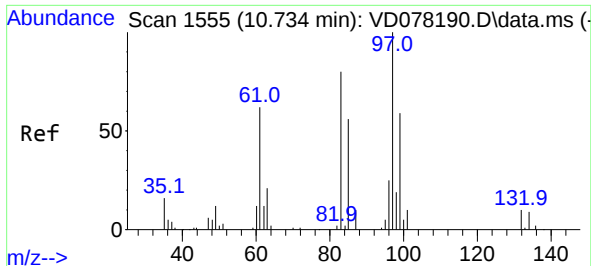
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#54
cis-1,3-Dichloropropene
Concen: 2.178 ug/l
RT: 10.010 min Scan# 1432
Delta R.T. -0.006 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

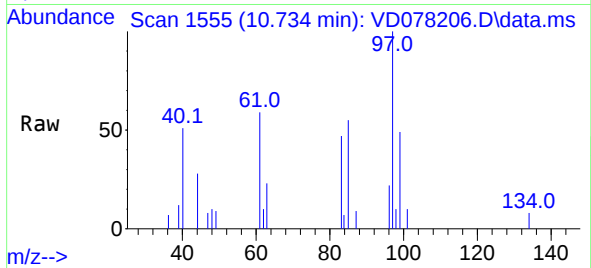
Tgt Ion: 75 Resp: 5927
Ion Ratio Lower Upper
75 100
77 32.9 25.5 38.3
39 30.8 22.1 33.1





#55
1,1,2-Trichloroethane
Concen: 2.512 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

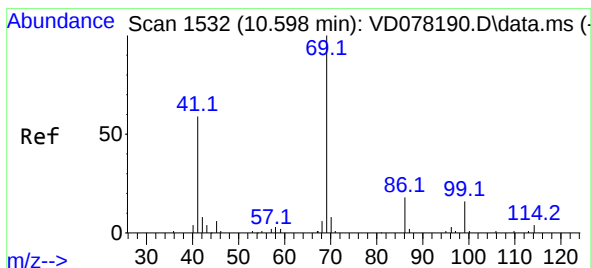
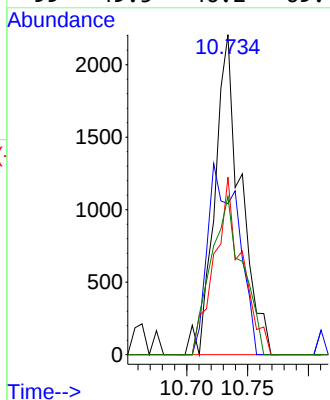
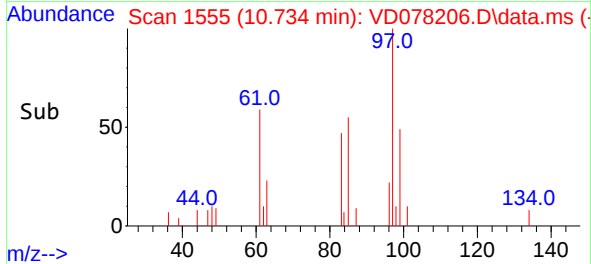
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



Tgt Ion: 97	Resp: 329
Ion Ratio	Lower Upper
97	100
83	47.2 65.8 98.6
85	55.5 45.7 68.5
99	49.5 46.2 69.4

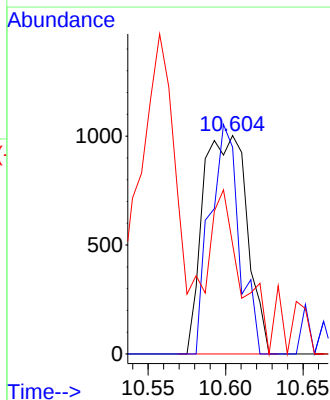
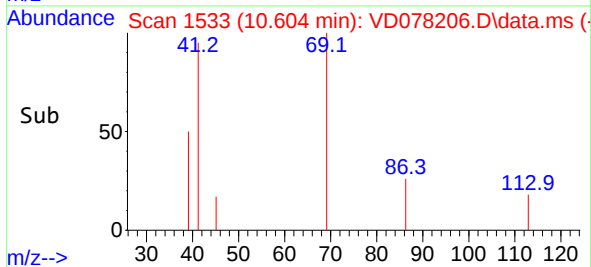
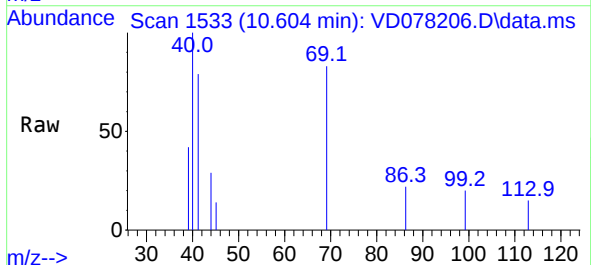
Manual Integrations
APPROVED

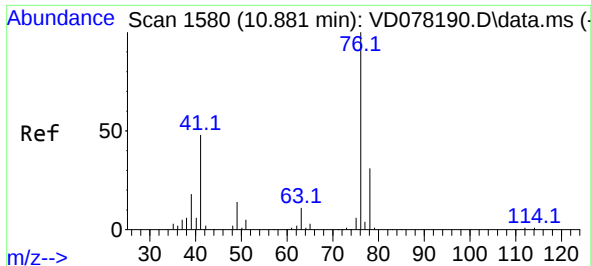
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#56
Ethyl methacrylate
Concen: 1.857 ug/l
RT: 10.604 min Scan# 1533
Delta R.T. 0.006 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

Tgt Ion: 69	Resp: 1992
Ion Ratio	Lower Upper
69	100
41	69.1 39.1 58.7#
39	49.2 20.0 30.0#





#57

1,3-Dichloropropane

Concen: 2.198 ug/l

RT: 10.881 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078206.D

Acq: 23 Jan 2024 14:21

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2024

Tgt Ion: 76 Resp: 4920

Ion Ratio Lower Upper

76 100

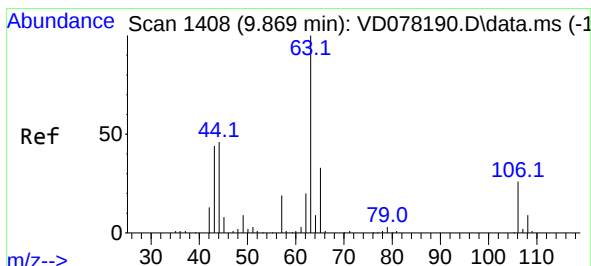
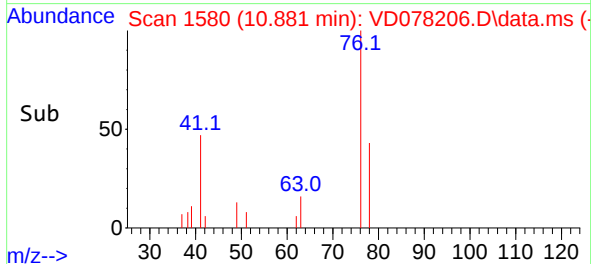
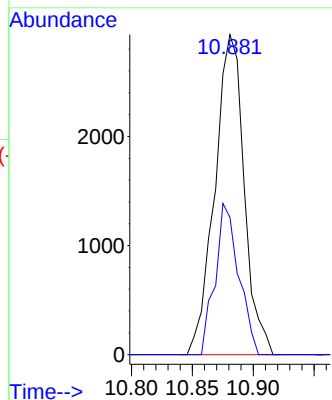
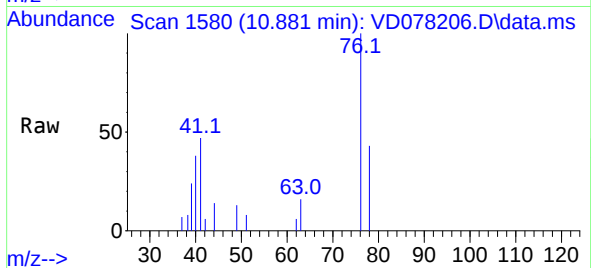
78 37.9 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/25/2024

Supervised By :Semsettin Yesilyurt 01/25/2024



#58

2-Chloroethyl Vinyl ether

Concen: 10.513 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078206.D

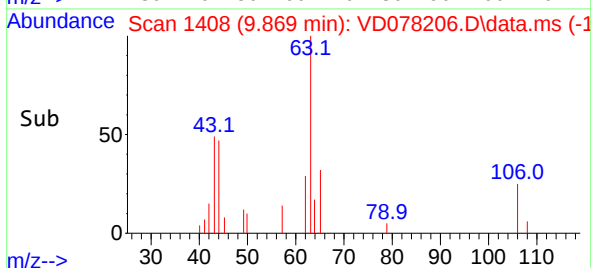
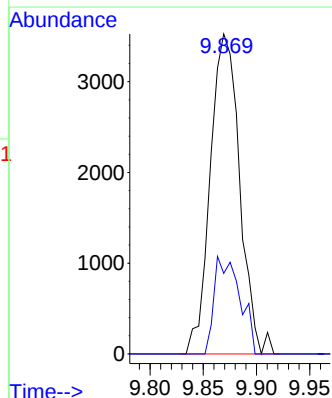
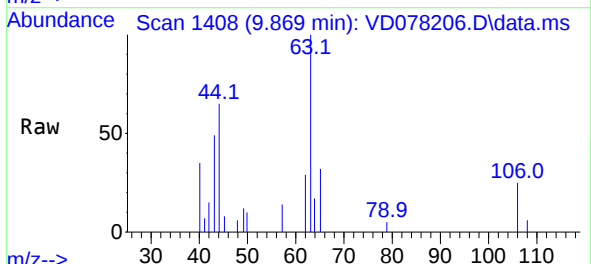
Acq: 23 Jan 2024 14:21

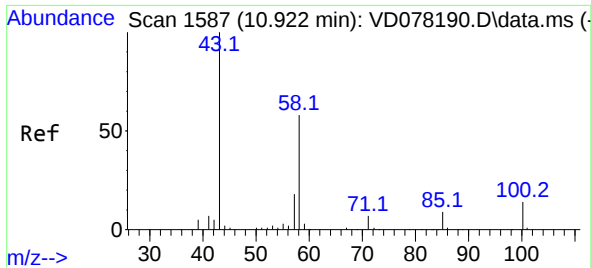
Tgt Ion: 63 Resp: 6759

Ion Ratio Lower Upper

63 100

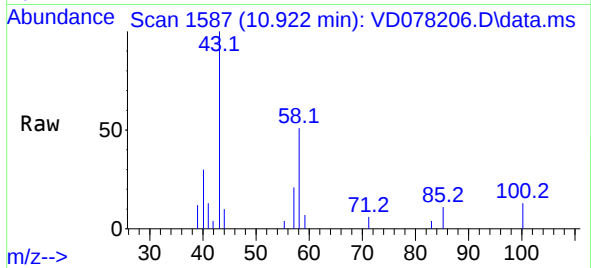
106 26.6 25.3 37.9





#59
2-Hexanone
Concen: 9.639 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

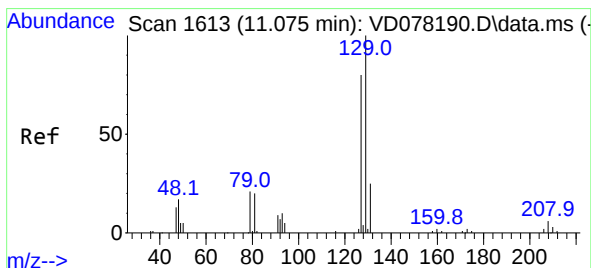
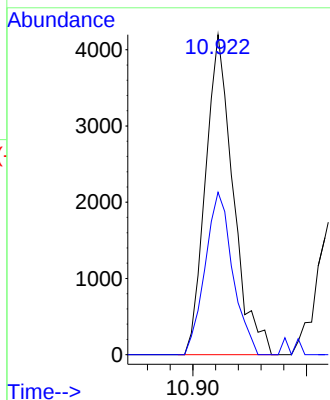
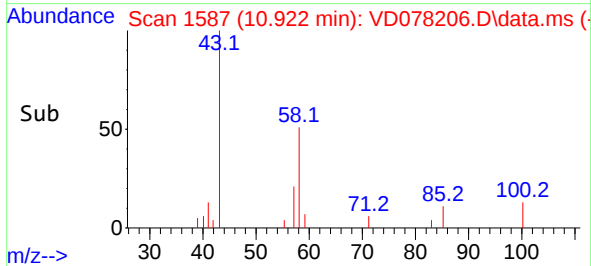
Instrument : MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



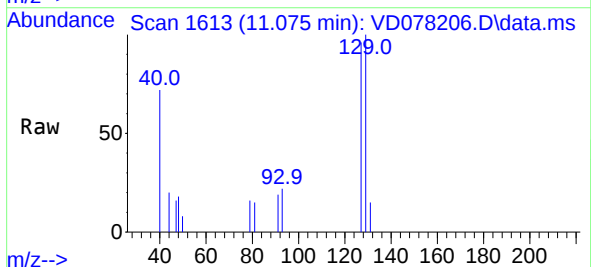
Tgt Ion: 43 Resp: 7110
Ion Ratio Lower Upper
43 100
58 50.5 34.1 102.2

Manual Integrations
APPROVED

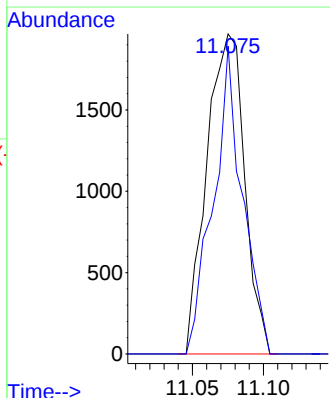
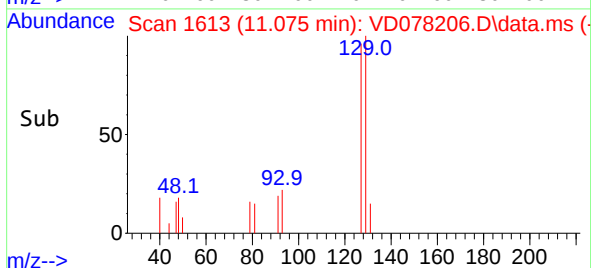
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024

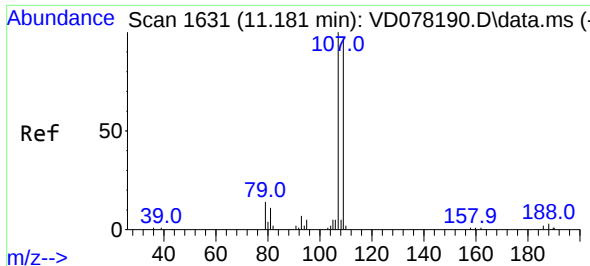


#60
Dibromochloromethane
Concen: 2.360 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21



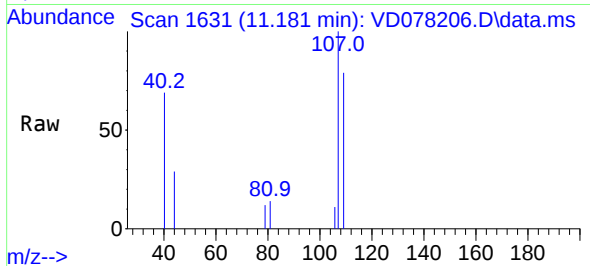
Tgt Ion:129 Resp: 3647
Ion Ratio Lower Upper
129 100
127 74.0 37.1 111.5





#61
1,2-Dibromoethane
Concen: 2.451 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

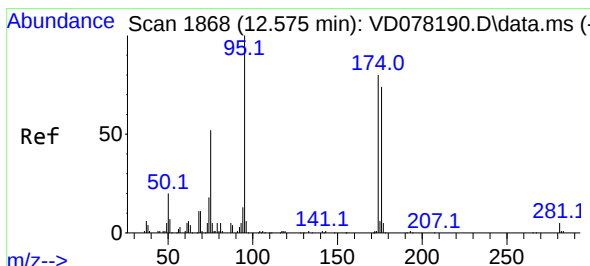
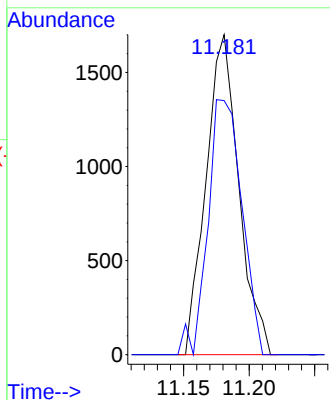
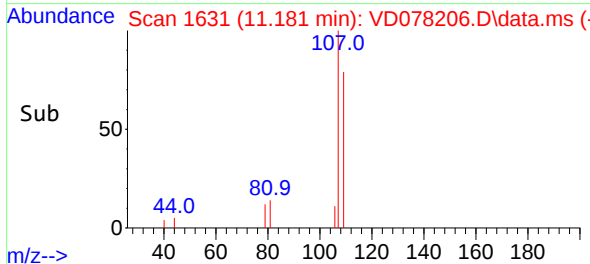
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2024



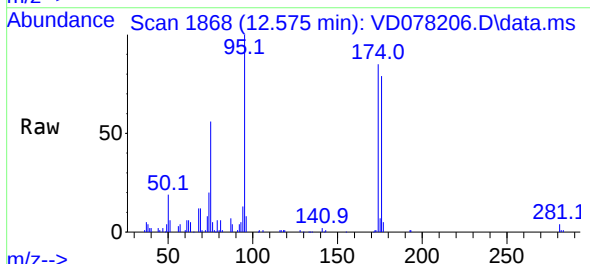
Tgt Ion:107 Resp: 296
Ion Ratio Lower Upper
107 100
109 82.5 75.6 113.4

Manual Integrations
APPROVED

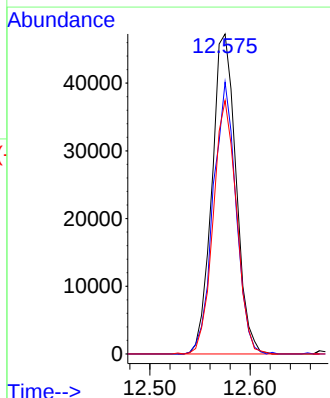
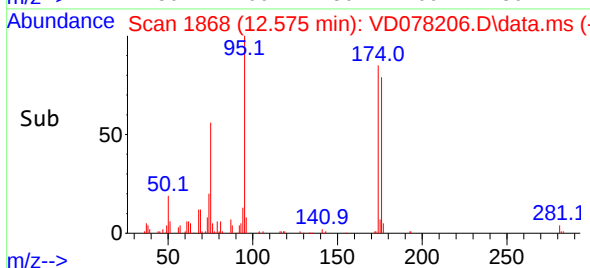
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024

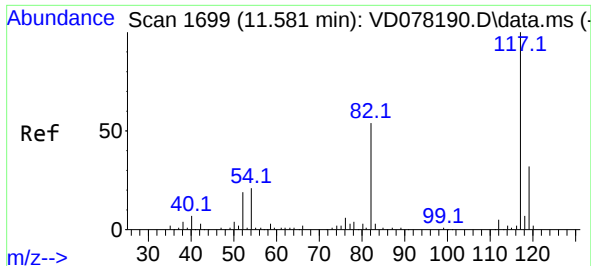


#62
4-Bromofluorobenzene
Concen: 44.468 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21



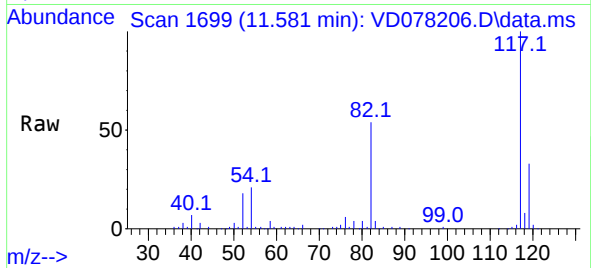
Tgt Ion: 95 Resp: 78644
Ion Ratio Lower Upper
95 100
174 80.5 0.0 201.8
176 76.7 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

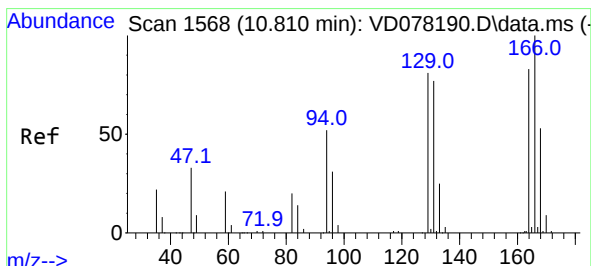
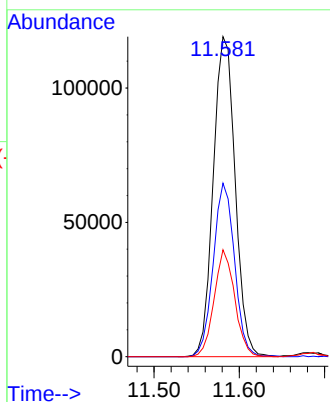
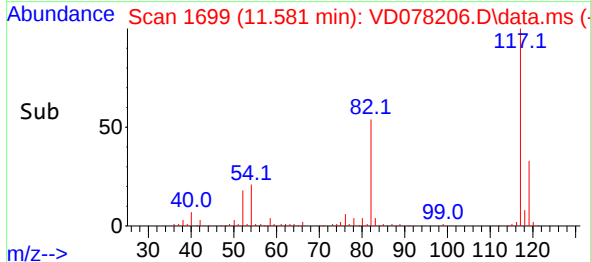
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



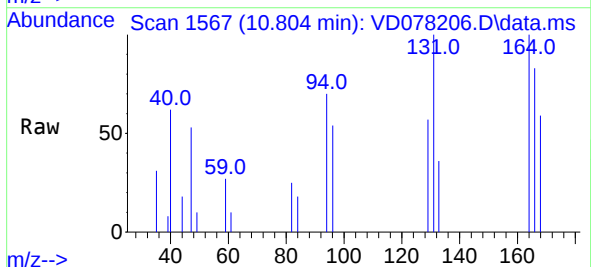
Tgt Ion:117 Resp: 21256
Ion Ratio Lower Upper
117 100
82 54.2 38.3 57.5
119 33.4 25.0 37.4

Manual Integrations
APPROVED

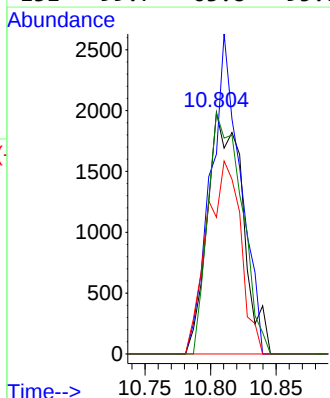
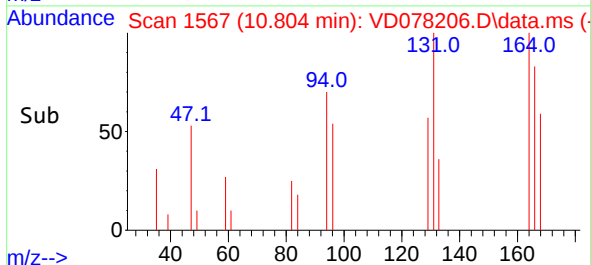
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024

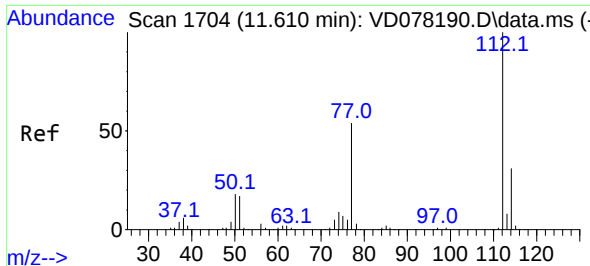


#64
Tetrachloroethene
Concen: 2.664 ug/l
RT: 10.804 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21



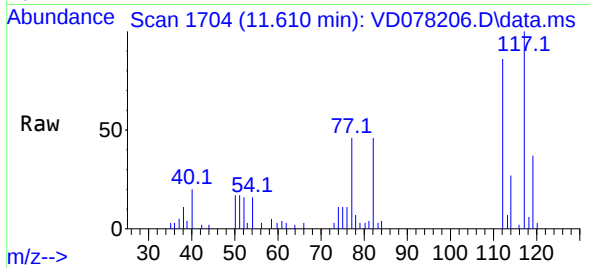
Tgt Ion:164 Resp: 3703
Ion Ratio Lower Upper
164 100
166 82.7 99.2 148.8#
129 56.5 68.4 102.6#
131 99.7 63.8 95.8#





#65
Chlorobenzene
Concen: 2.457 ug/l
RT: 11.610 min Scan# 1153
Delta R.T. 0.000 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

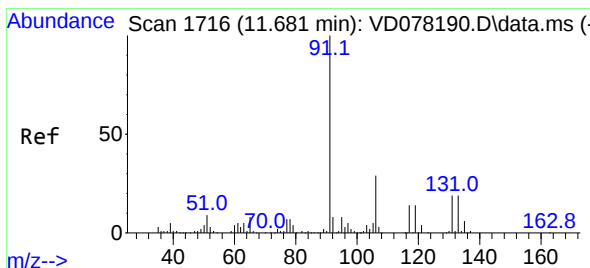
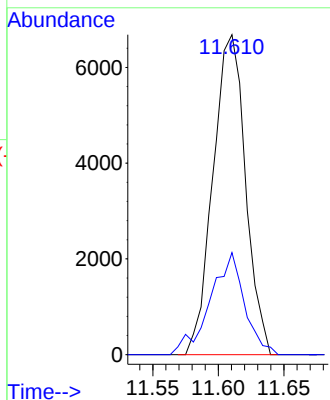
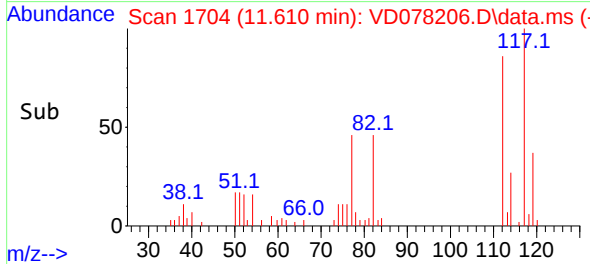
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



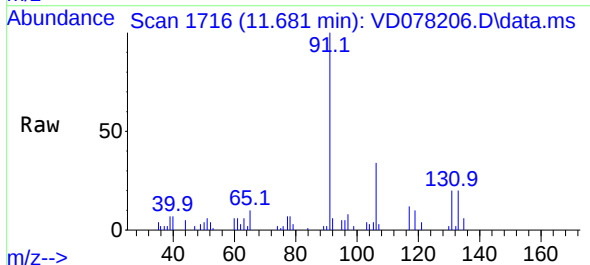
Tgt Ion:112 Resp: 1153
Ion Ratio Lower Upper
112 100
114 31.9 25.1 37.7

Manual Integrations
APPROVED

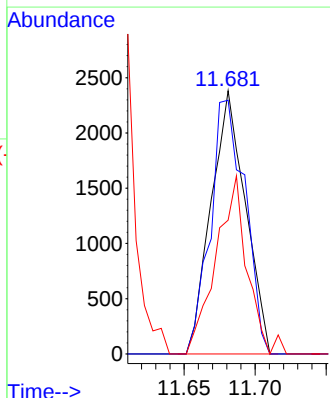
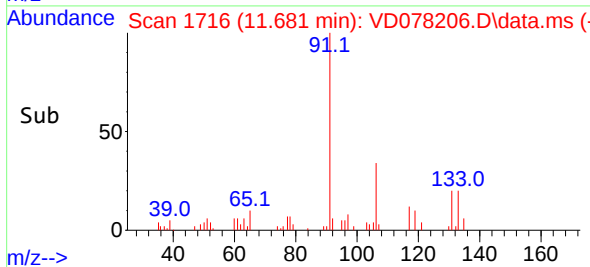
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024

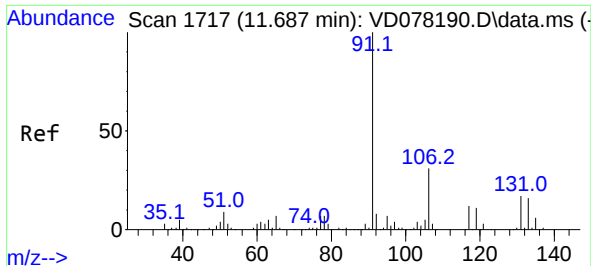


#66
1,1,1,2-Tetrachloroethane
Concen: 2.385 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21



Tgt Ion:131 Resp: 4002
Ion Ratio Lower Upper
131 100
133 97.5 48.5 145.5
119 61.5 35.6 106.9





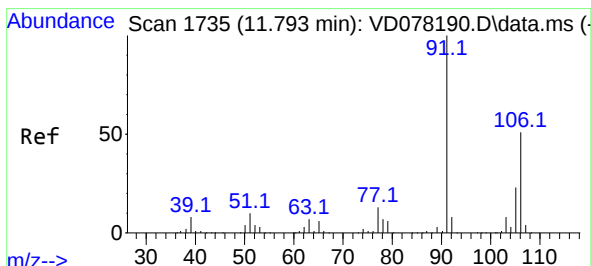
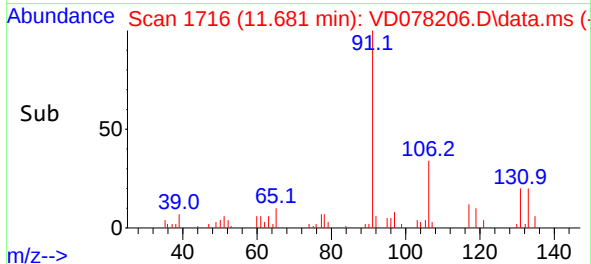
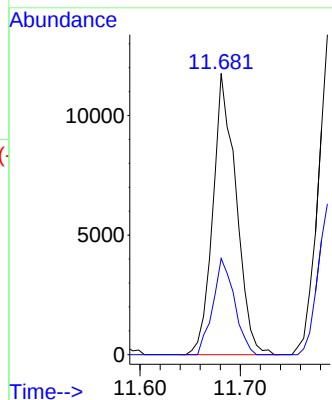
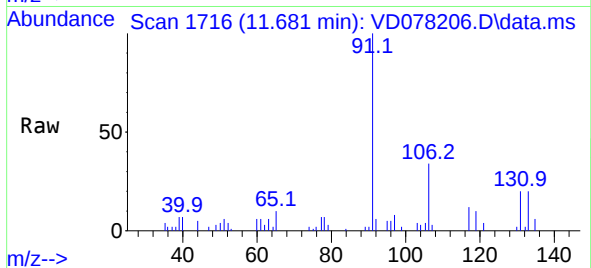
#67
Ethyl Benzene
Concen: 2.211 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

Tgt Ion: 91 Resp: 18892
Ion Ratio Lower Upper
91 100
106 34.2 26.5 39.7

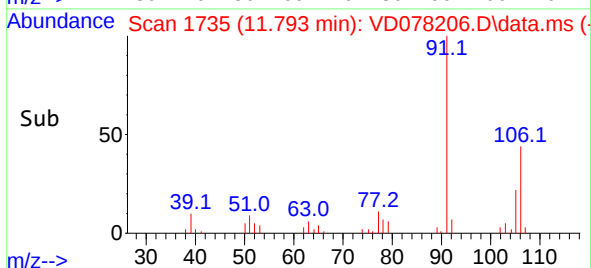
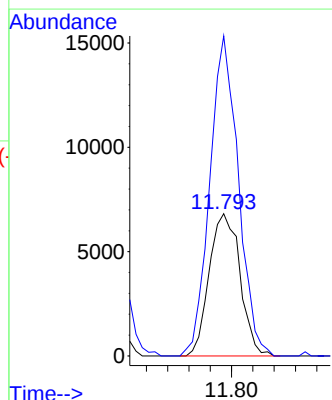
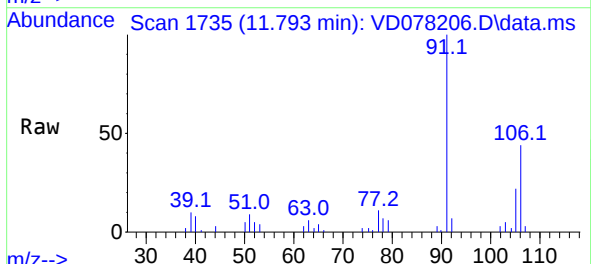
Manual Integrations
APPROVED

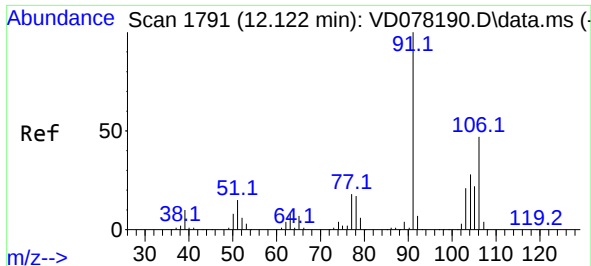
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#68
m/p-Xylenes
Concen: 4.193 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

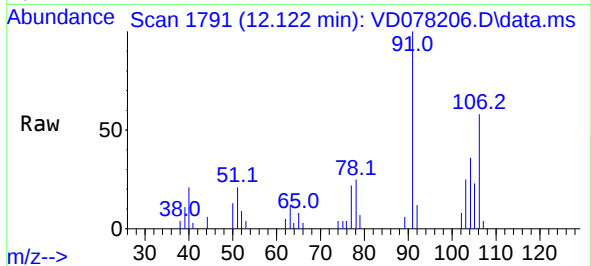
Tgt Ion:106 Resp: 13685
Ion Ratio Lower Upper
106 100
91 208.9 147.0 220.6





#69
o-Xylene
Concen: 2.039 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

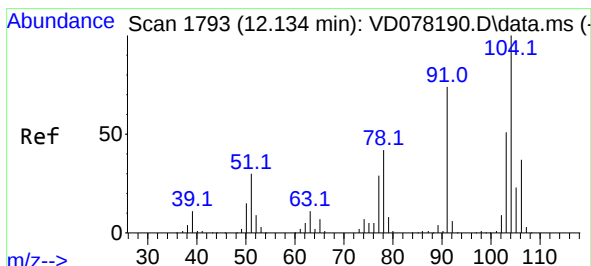
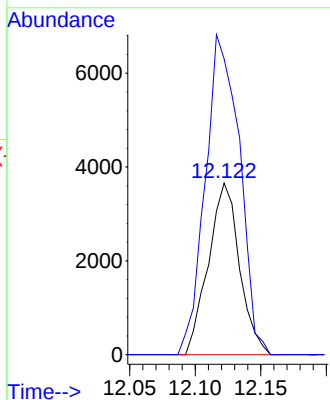
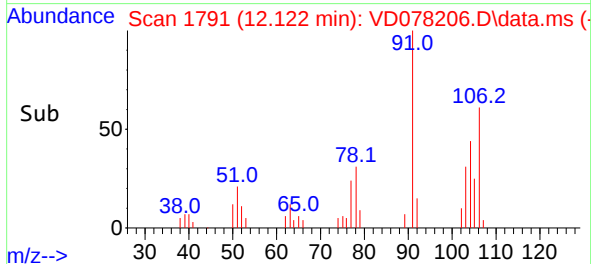
Instrument : MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



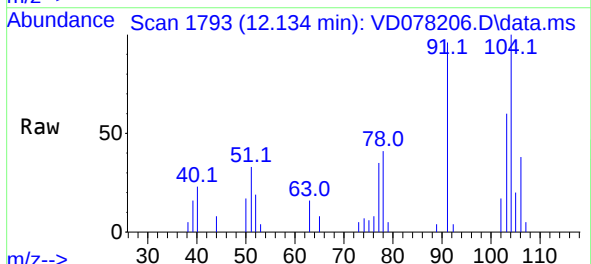
Tgt Ion:106 Resp: 6039
Ion Ratio Lower Upper
106 100
91 204.9 97.9 293.6

Manual Integrations
APPROVED

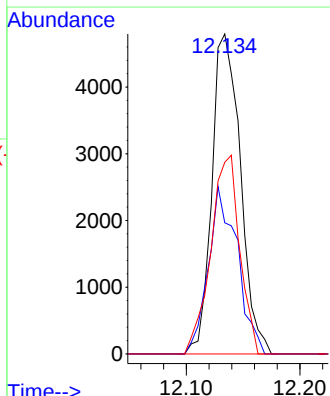
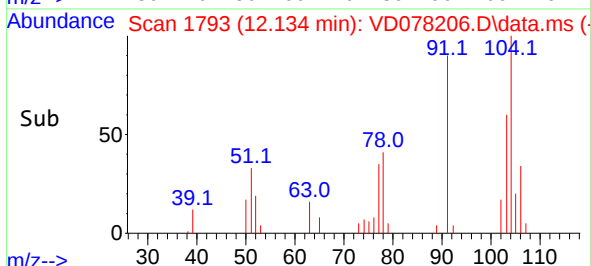
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024

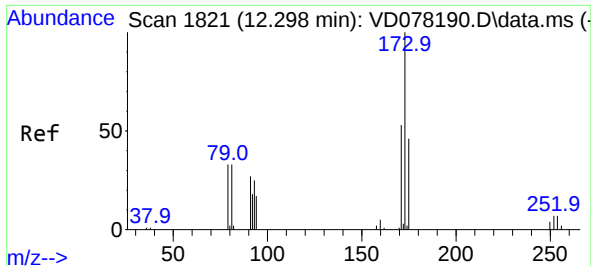


#70
Styrene
Concen: 1.884 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21



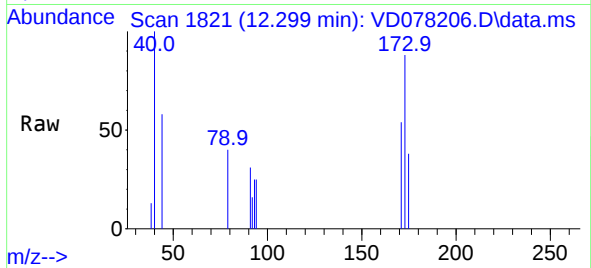
Tgt Ion:104 Resp: 8360
Ion Ratio Lower Upper
104 100
78 53.1 33.2 49.8#
103 62.9 43.6 65.4





#71
Bromoform
Concen: 2.179 ug/l
RT: 12.299 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

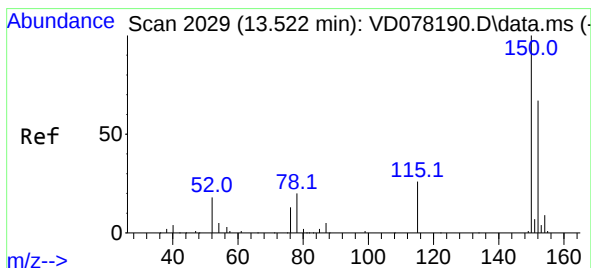
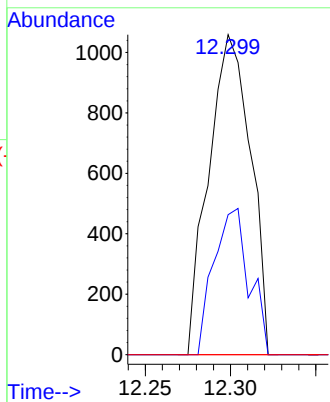
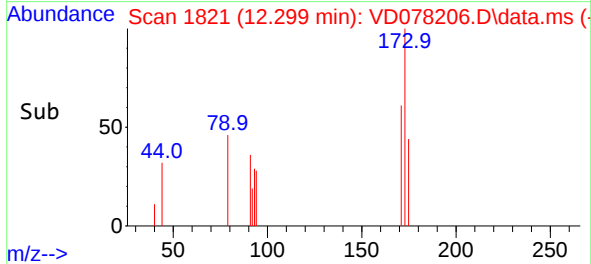
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



Tgt Ion:173 Resp: 181
Ion Ratio Lower Upper
173 100
175 38.7 24.6 73.8
254 0.0 0.0 0.0

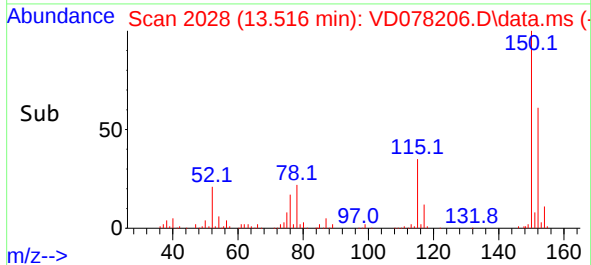
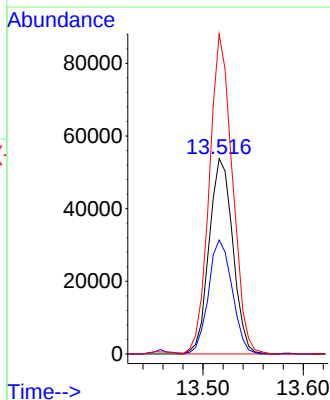
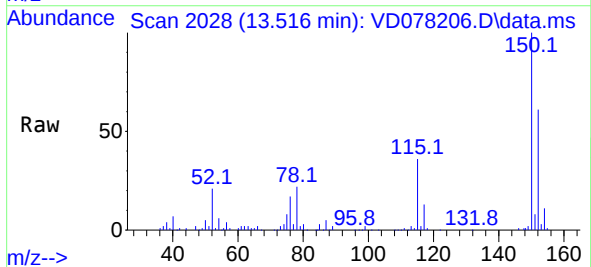
Manual Integrations
APPROVED

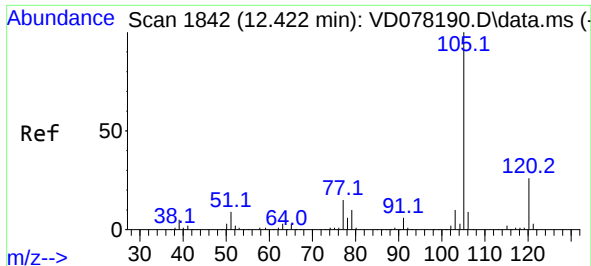
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

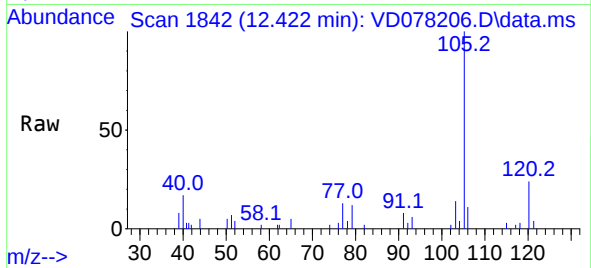
Tgt Ion:152 Resp: 88359
Ion Ratio Lower Upper
152 100
115 58.3 27.1 81.3
150 160.0 0.0 353.6





#73
Isopropylbenzene
Concen: 2.318 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

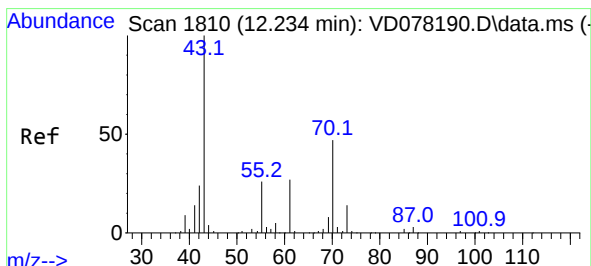
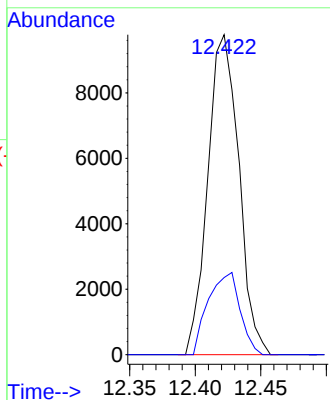
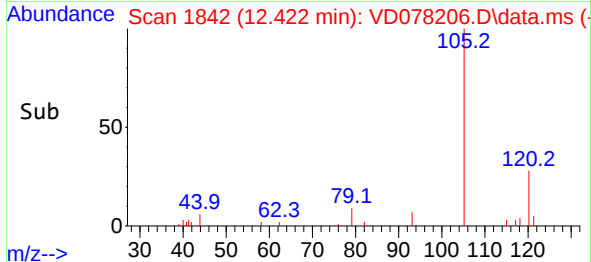
Instrument : MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



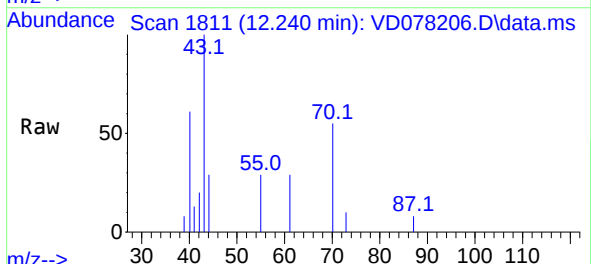
Tgt Ion:105 Resp: 1610
Ion Ratio Lower Upper
105 100
120 26.3 14.3 42.9

Manual Integrations
APPROVED

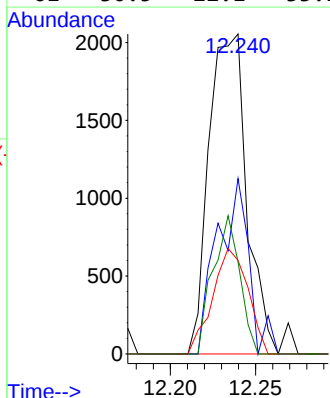
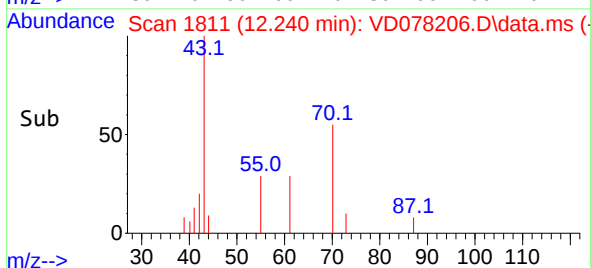
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024

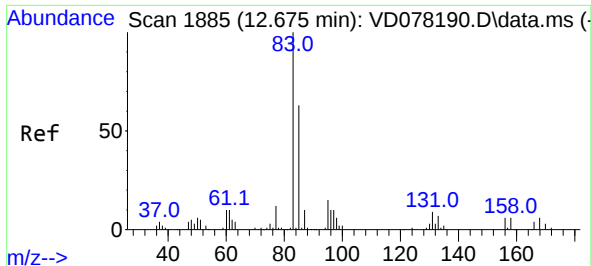


#74
N-ethyl acetate
Concen: 2.388 ug/l
RT: 12.240 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21



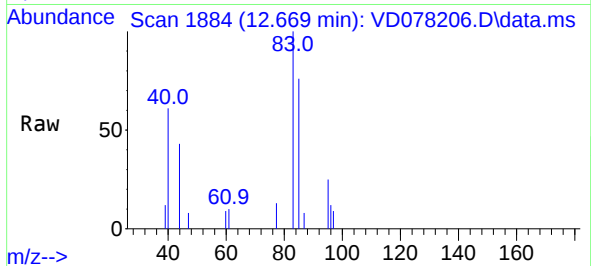
Tgt Ion: 43 Resp: 3174
Ion Ratio Lower Upper
43 100
70 46.0 45.0 67.4
55 30.7 23.8 35.6
61 30.5 22.1 33.1





#75
1,1,2,2-Tetrachloroethane
Concen: 2.459 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

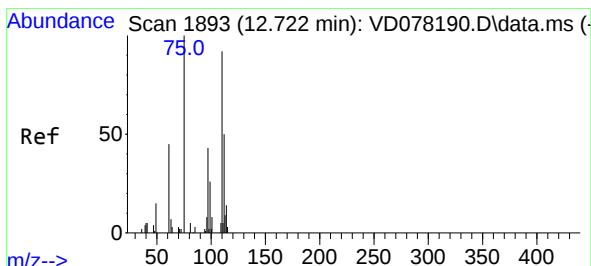
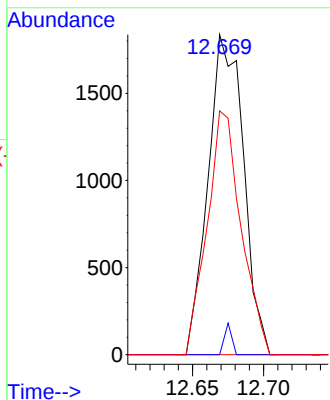
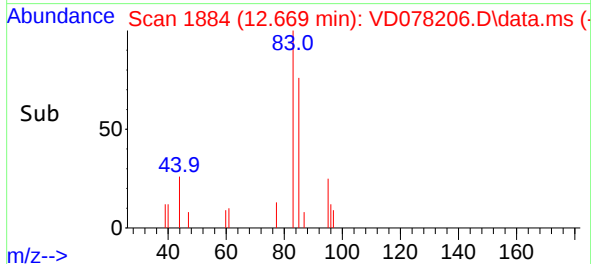
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2024



Tgt Ion: 83 Resp: 3179
Ion Ratio Lower Upper
83 100
131 2.0 5.1 15.3
85 73.1 32.6 97.8

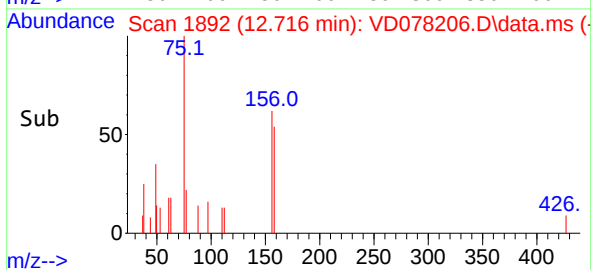
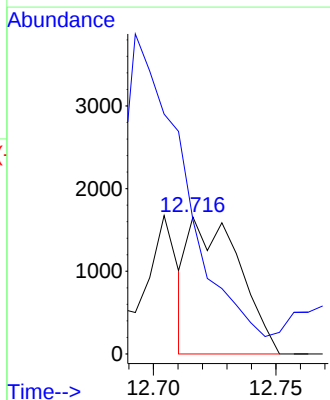
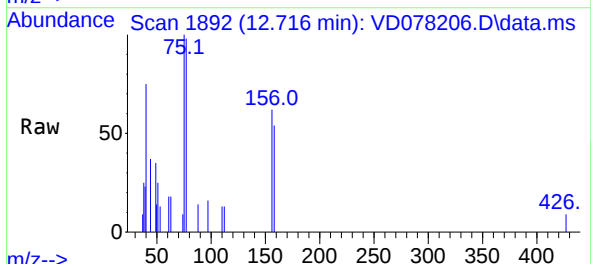
Manual Integrations
APPROVED

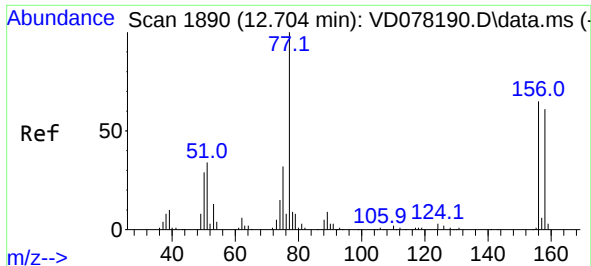
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#76
1,2,3-Trichloropropane
Concen: 2.817 ug/l m
RT: 12.716 min Scan# 1892
Delta R.T. -0.006 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

Tgt Ion: 75 Resp: 2387
Ion Ratio Lower Upper
75 100
77 307.3 0.0 0.0#





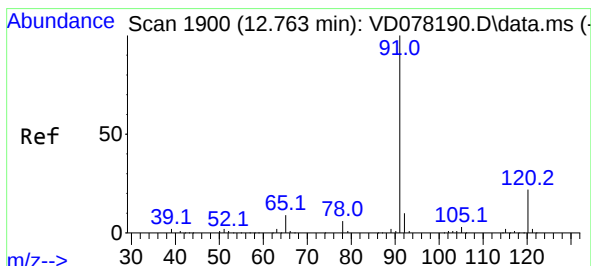
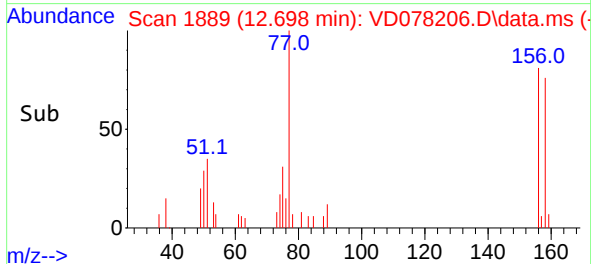
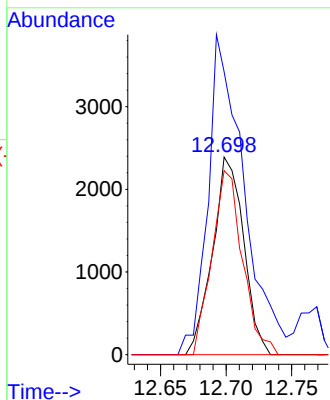
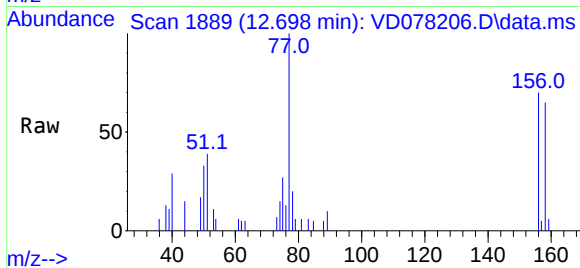
#77
Bromobenzene
Concen: 2.588 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

Instrument : MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

Tgt Ion:156 Resp: 3942
Ion Ratio Lower Upper
156 100
77 186.1 76.8 230.4
158 91.6 48.6 145.9

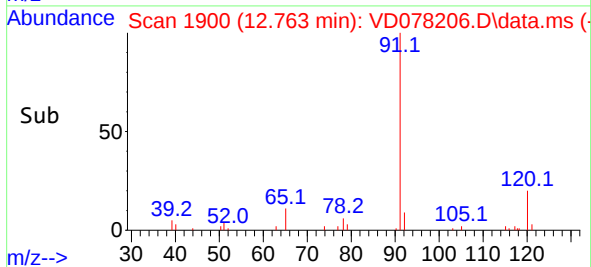
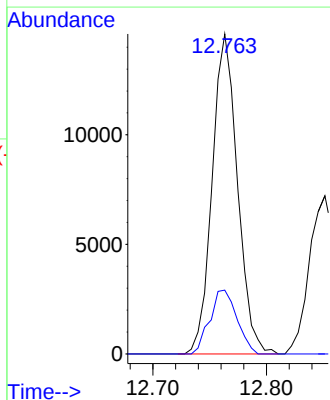
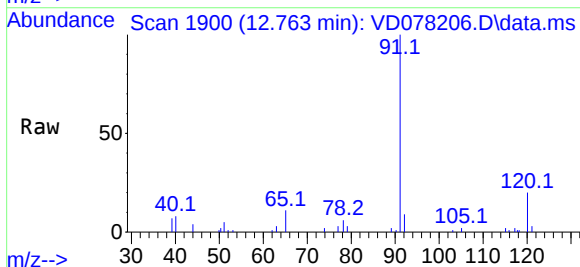
Manual Integrations
APPROVED

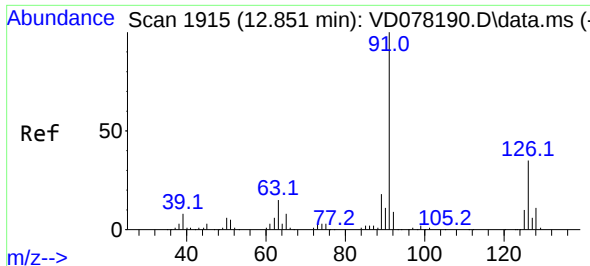
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#78
n-propylbenzene
Concen: 2.626 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

Tgt Ion: 91 Resp: 22631
Ion Ratio Lower Upper
91 100
120 21.4 12.4 37.2





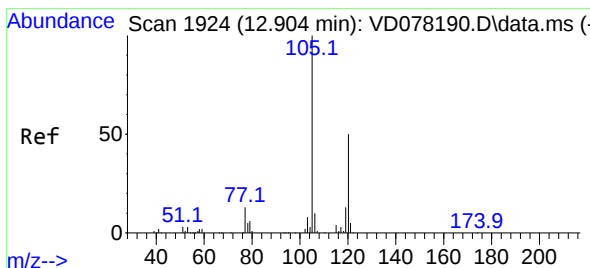
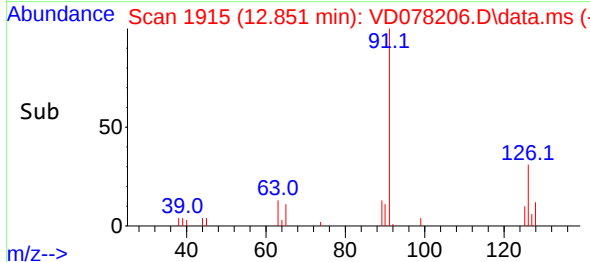
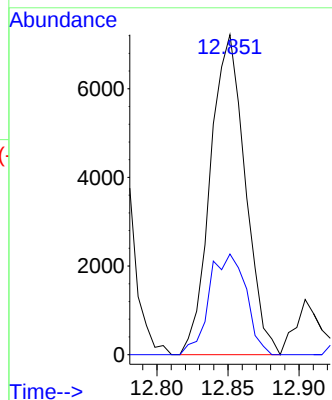
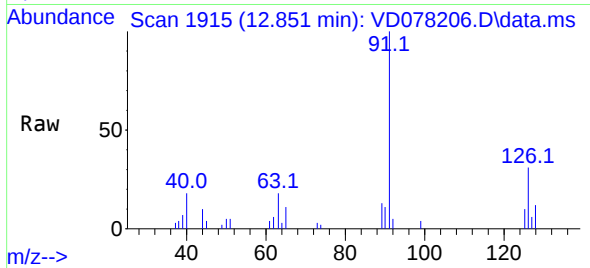
#79
2-Chlorotoluene
Concen: 2.678 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2024

Tgt Ion: 91 Resp: 1231
Ion Ratio Lower Upper
91 100
126 33.3 19.4 58.1

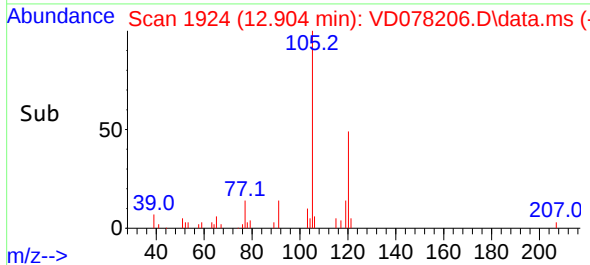
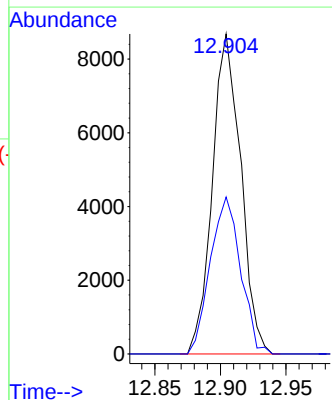
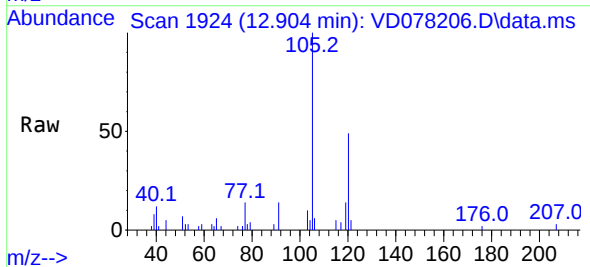
Manual Integrations
APPROVED

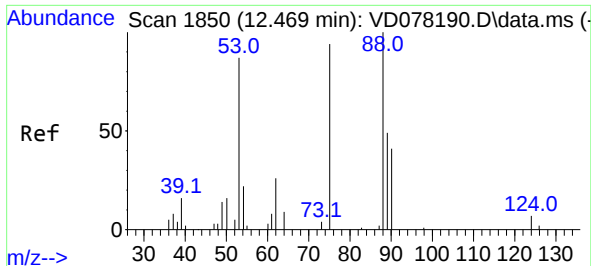
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#80
1,3,5-Trimethylbenzene
Concen: 2.267 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

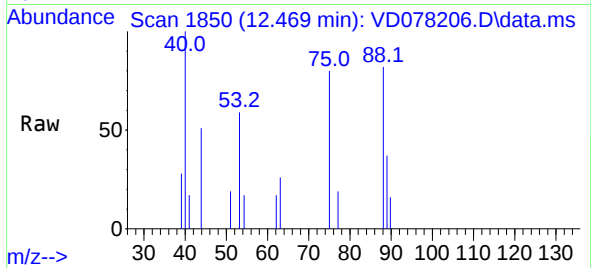
Tgt Ion:105 Resp: 13058
Ion Ratio Lower Upper
105 100
120 52.4 26.4 79.2





#81
trans-1,4-Dichloro-2-butene
Concen: 2.905 ug/l m
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

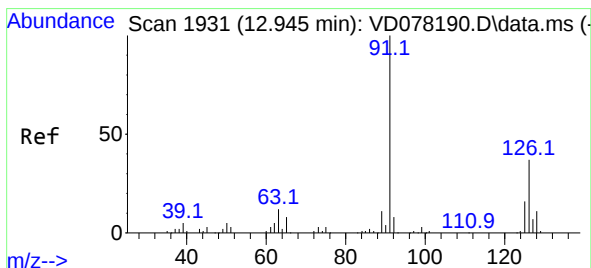
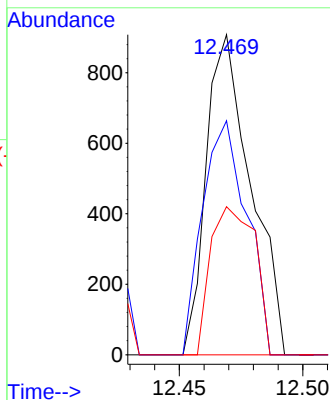
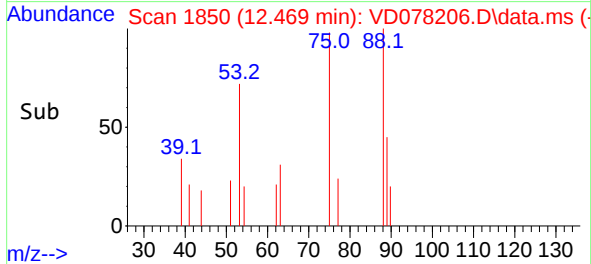
Instrument : MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



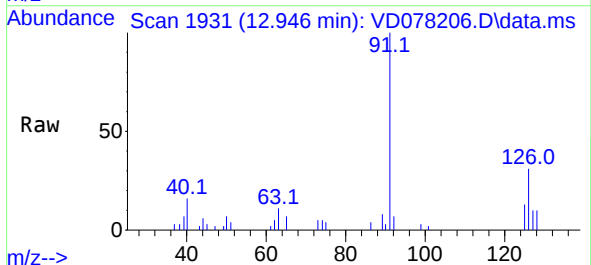
Tgt Ion: 75 Resp: 114
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4
89 0.0 37.9 56.9

Manual Integrations
APPROVED

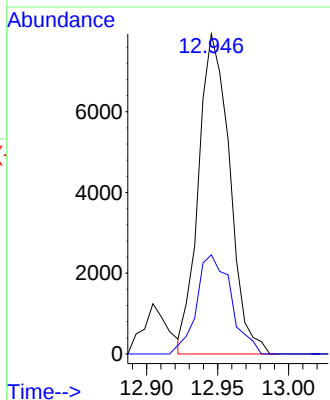
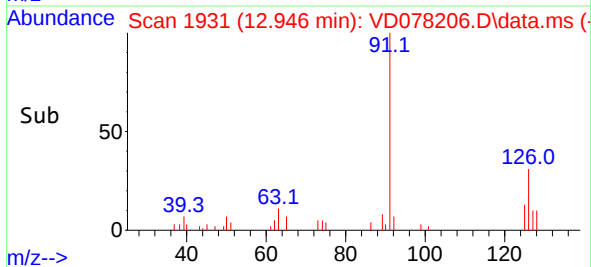
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024

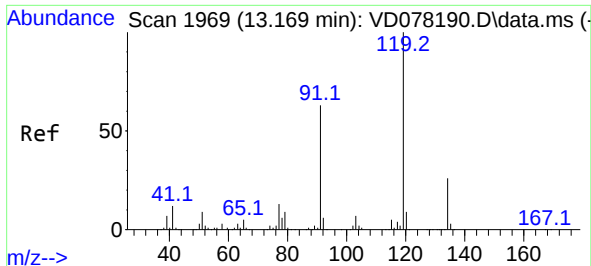


#82
4-Chlorotoluene
Concen: 2.497 ug/l
RT: 12.946 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21



Tgt Ion: 91 Resp: 12102
Ion Ratio Lower Upper
91 100
126 34.2 19.4 58.4





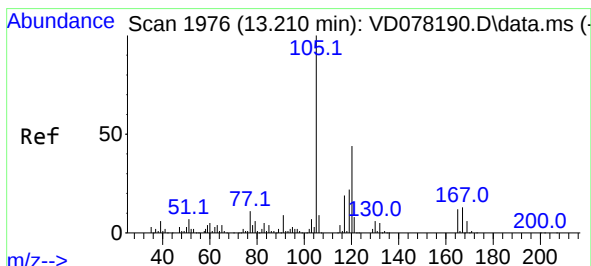
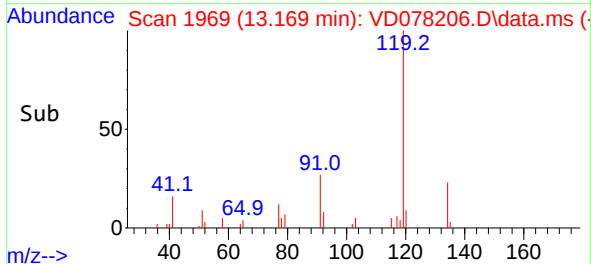
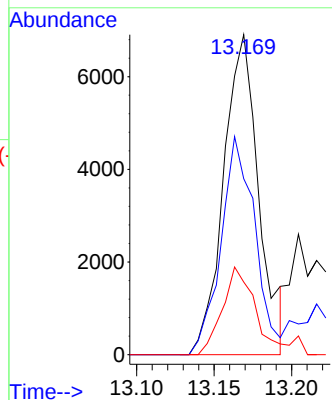
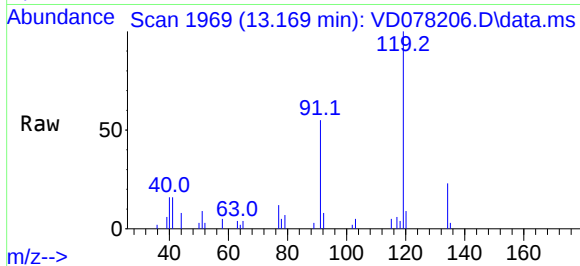
#83
tert-Butylbenzene
Concen: 2.268 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2024

Tgt Ion:119 Resp: 1092
Ion Ratio Lower Upper
119 100
91 65.6 29.3 87.8
134 27.2 14.1 42.3

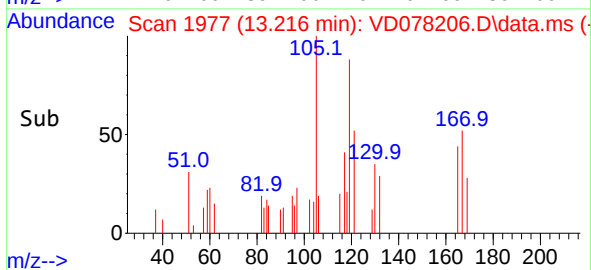
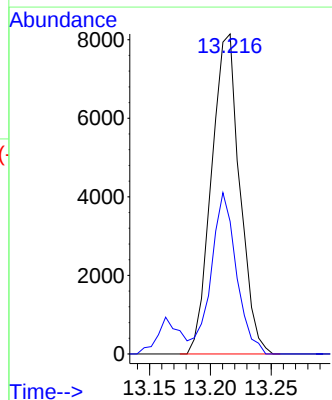
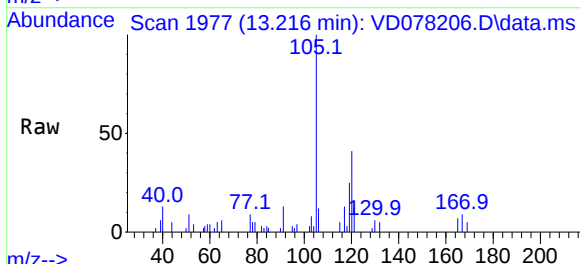
Manual Integrations
APPROVED

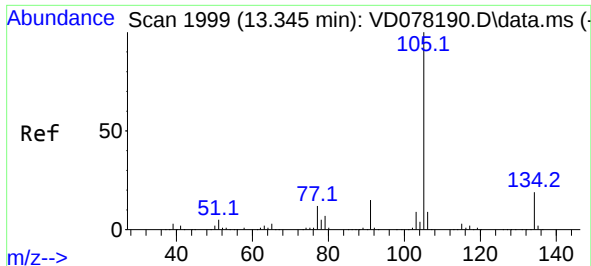
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#84
1,2,4-Trimethylbenzene
Concen: 2.261 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

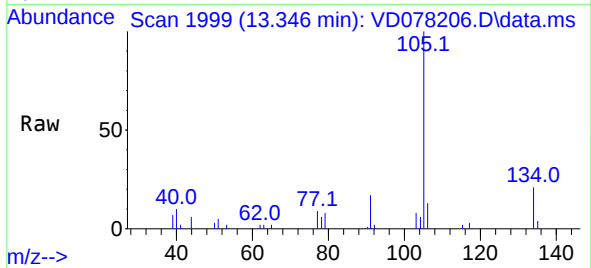
Tgt Ion:105 Resp: 13170
Ion Ratio Lower Upper
105 100
120 45.1 24.3 72.9





#85
sec-Butylbenzene
Concen: 2.329 ug/l
RT: 13.346 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

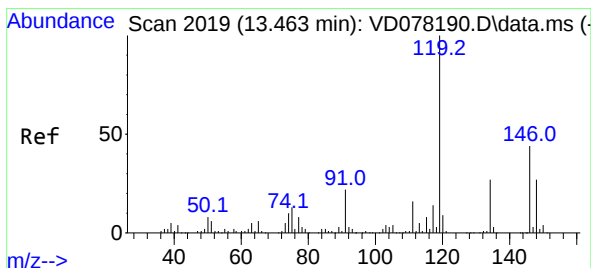
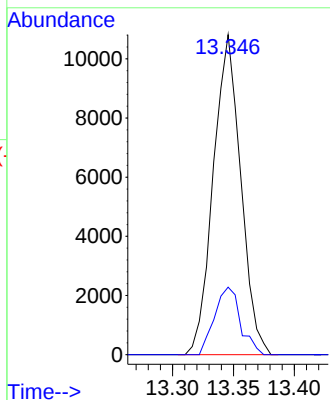
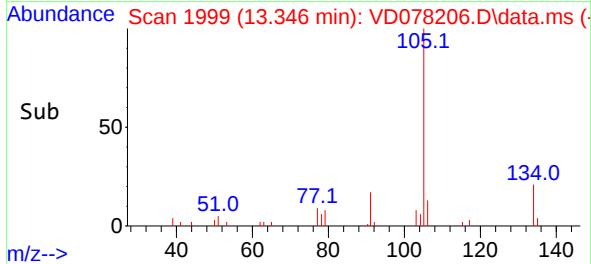
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2024



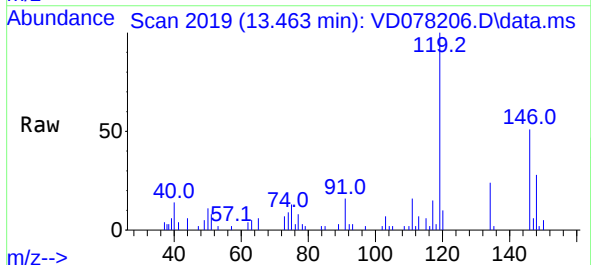
Tgt Ion:105 Resp: 1698
Ion Ratio Lower Upper
105 100
134 19.8 10.9 32.9

Manual Integrations
APPROVED

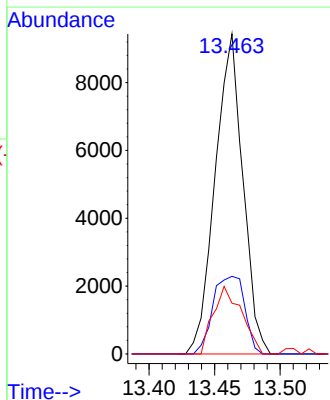
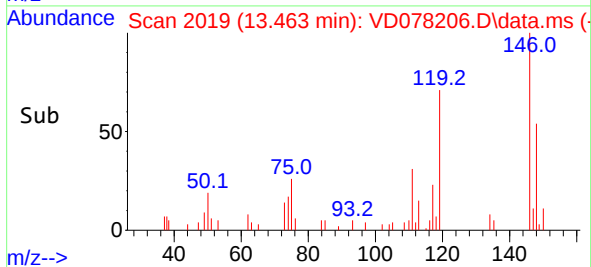
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024

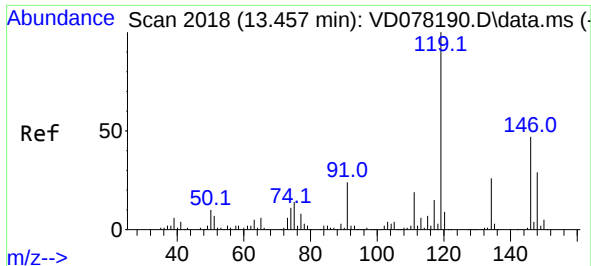


#86
p-Isopropyltoluene
Concen: 2.181 ug/l
RT: 13.463 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21



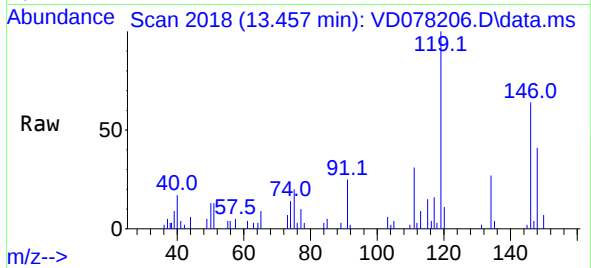
Tgt Ion:119 Resp: 13838
Ion Ratio Lower Upper
119 100
134 27.8 14.2 42.6
91 21.6 10.5 31.5





#87
1,3-Dichlorobenzene
Concen: 2.588 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

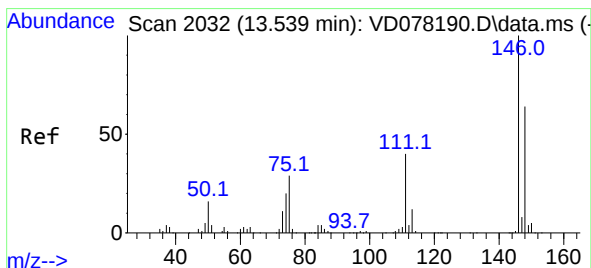
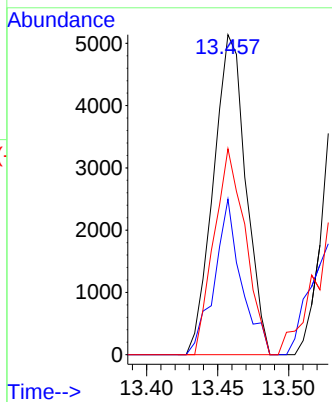
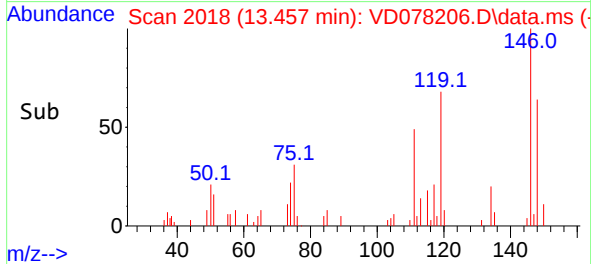
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



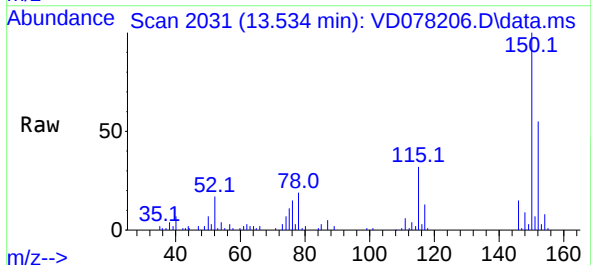
Tgt Ion:146 Resp: 816
Ion Ratio Lower Upper
146 100
111 40.3 17.9 53.8
148 62.3 32.3 96.8

Manual Integrations
APPROVED

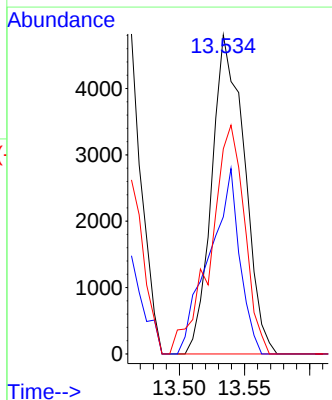
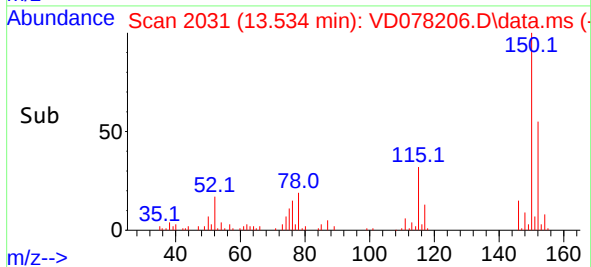
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024

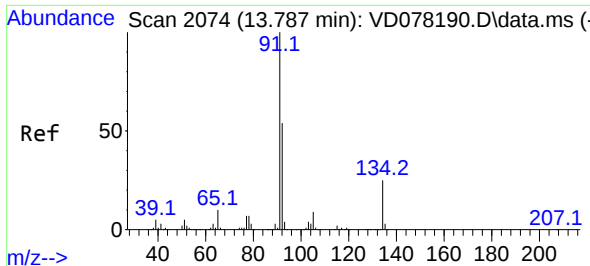


#88
1,4-Dichlorobenzene
Concen: 2.689 ug/l m
RT: 13.534 min Scan# 2031
Delta R.T. -0.006 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21



Tgt Ion:146 Resp: 8379
Ion Ratio Lower Upper
146 100
111 39.3 17.4 52.3
148 60.6 31.7 95.1





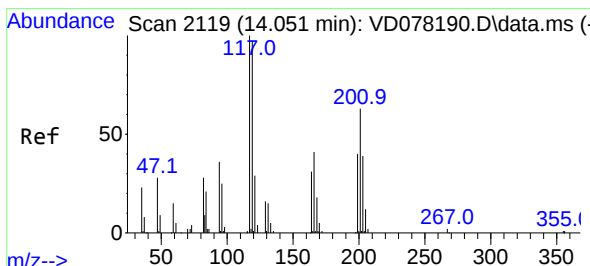
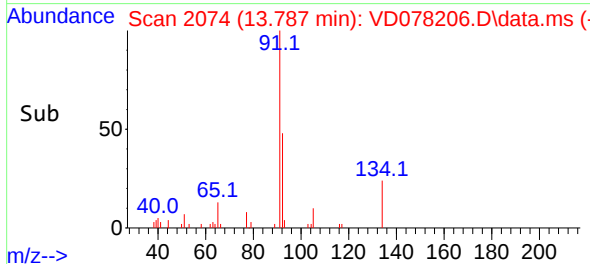
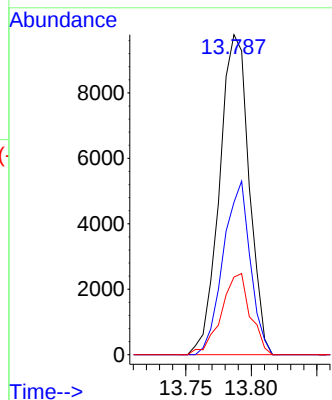
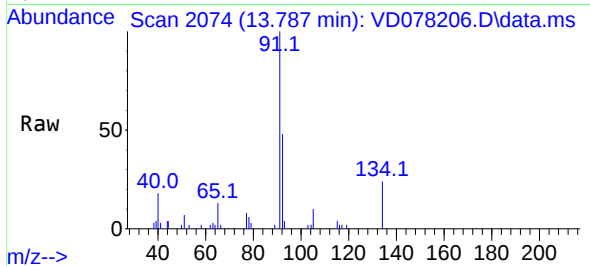
#89
n-Butylbenzene
Concen: 2.484 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

Instrument : MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

Tgt Ion: 91	Resp: 1534
Ion Ratio	Lower Upper
91 100	
92 49.6	26.5 79.5
134 24.8	13.8 41.3

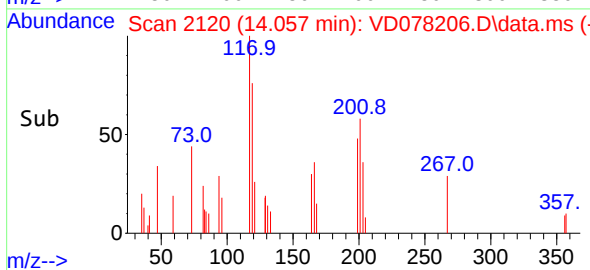
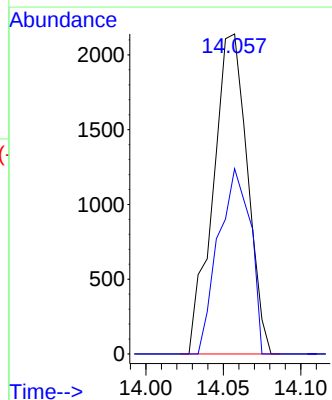
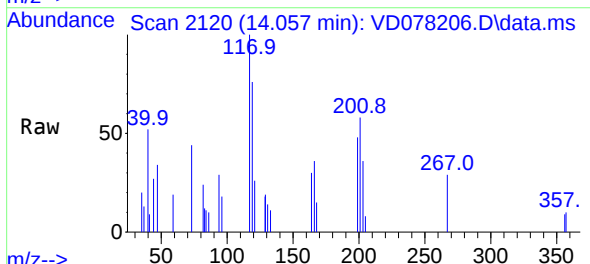
Manual Integrations
APPROVED

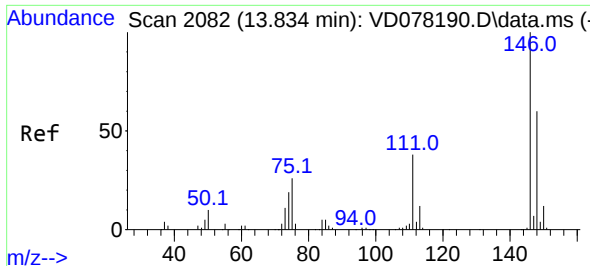
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#90
Hexachloroethane
Concen: 2.651 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

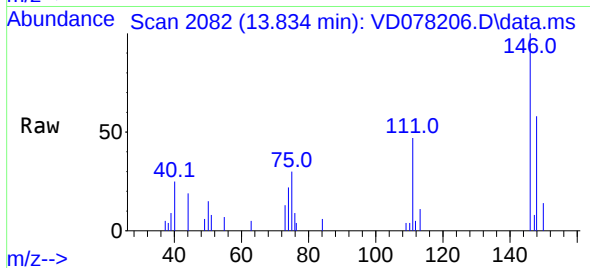
Tgt Ion:117	Resp: 3300
Ion Ratio	Lower Upper
117 100	
201 54.1	38.5 115.5





#91
1,2-Dichlorobenzene
Concen: 2.581 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

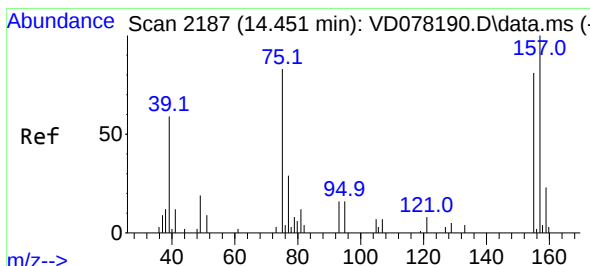
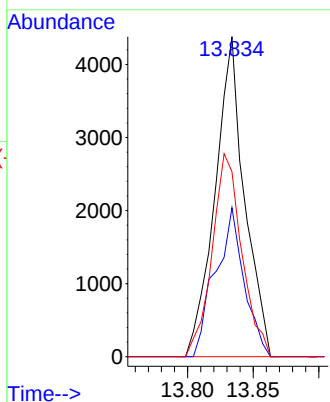
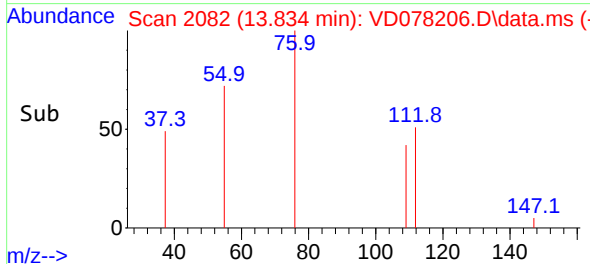
Instrument : MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



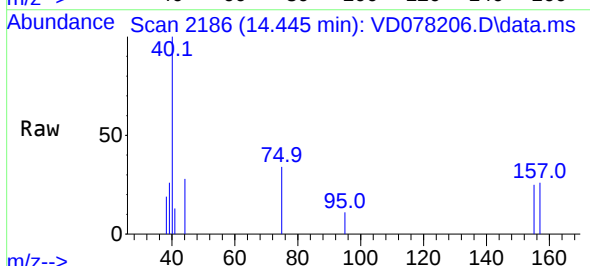
Tgt Ion:146 Resp: 684
Ion Ratio Lower Upper
146 100
111 45.4 18.3 54.8
148 63.9 31.6 94.7

Manual Integrations
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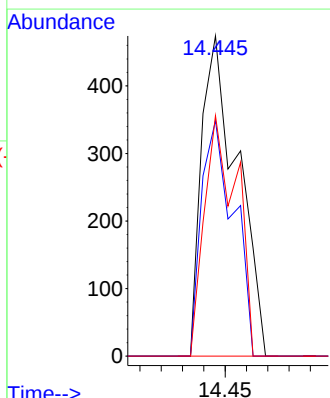
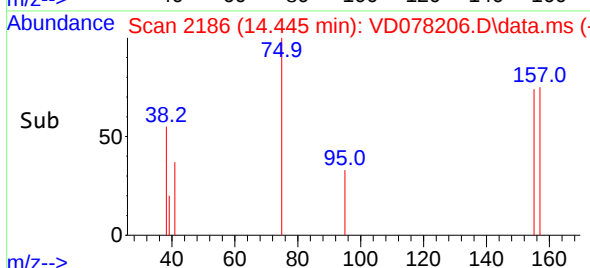
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024

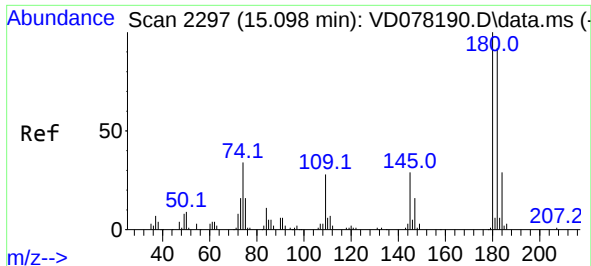


#92
1,2-Dibromo-3-Chloropropane
Concen: 3.004 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21



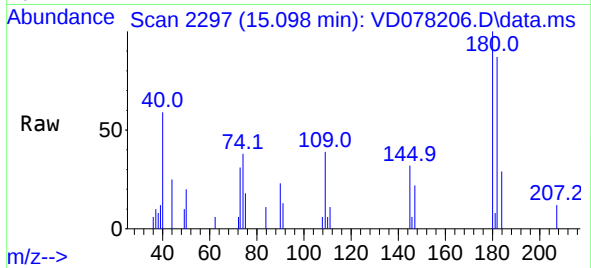
Tgt Ion: 75 Resp: 555
Ion Ratio Lower Upper
75 100
155 66.3 47.9 143.8
157 67.6 59.9 179.7





#93
1,2,4-Trichlorobenzene
Concen: 2.505 ug/l
RT: 15.098 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

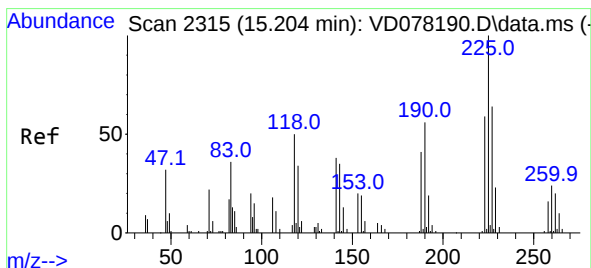
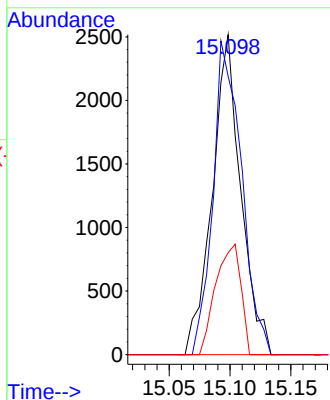
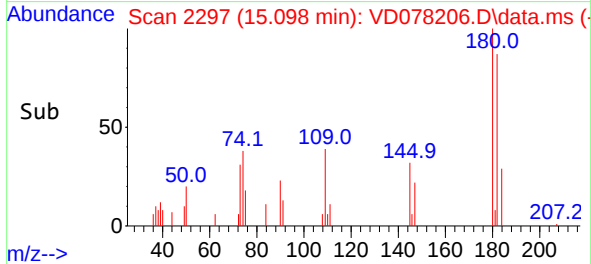
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2024



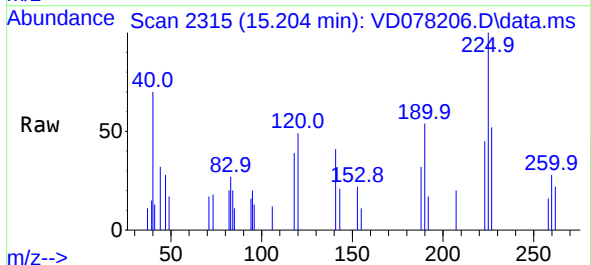
Tgt Ion:180 Resp: 410
Ion Ratio Lower Upper
180 100
182 98.1 48.5 145.6
145 30.4 14.2 42.6

Manual Integrations
APPROVED

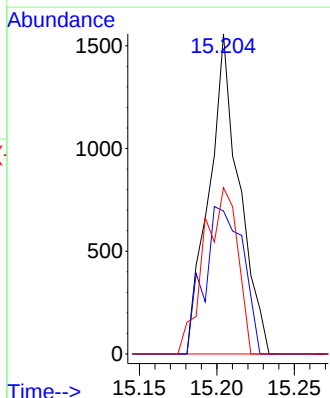
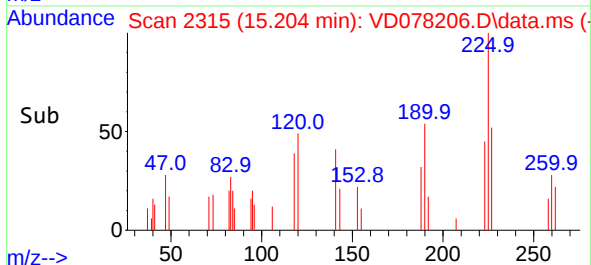
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024

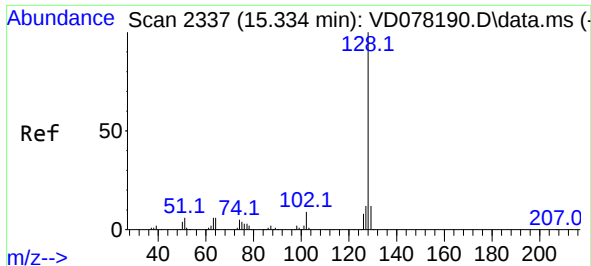


#94
Hexachlorobutadiene
Concen: 2.661 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21



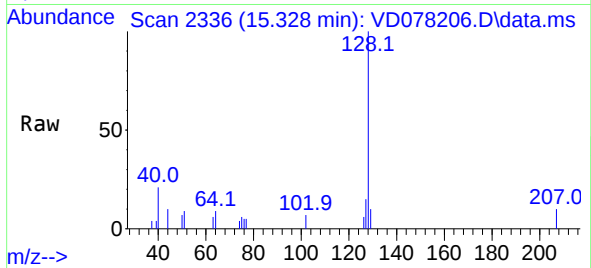
Tgt Ion:225 Resp: 2108
Ion Ratio Lower Upper
225 100
223 58.8 31.6 94.8
227 57.4 31.7 95.1





#95
Naphthalene
Concen: 2.477 ug/l
RT: 15.328 min Scan# 2336
Delta R.T. -0.006 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21

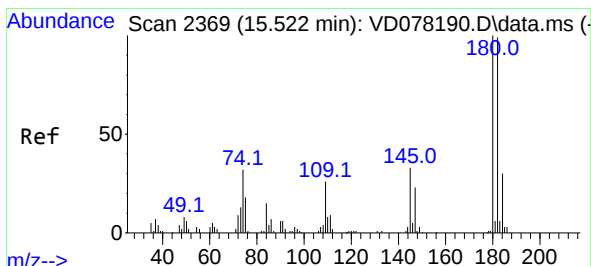
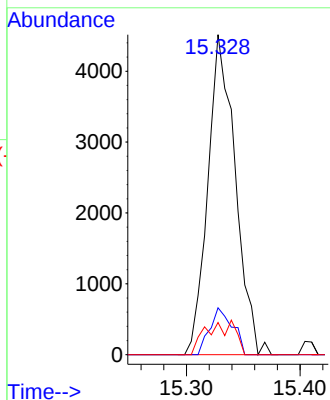
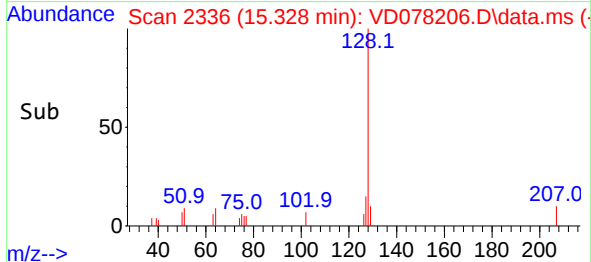
Instrument : MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



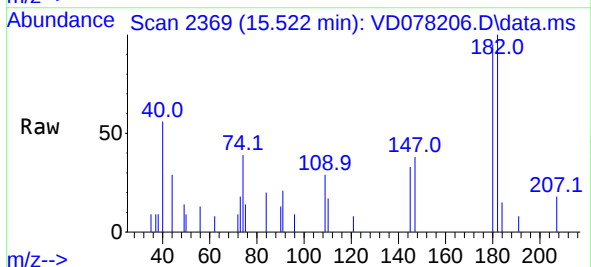
Tgt Ion:128 Resp: 7592
Ion Ratio Lower Upper
128 100
127 14.7 10.5 15.7
129 10.1 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#96
1,2,3-Trichlorobenzene
Concen: 2.565 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD078206.D
Acq: 23 Jan 2024 14:21



Tgt Ion:180 Resp: 3528
Ion Ratio Lower Upper
180 100
182 98.3 47.3 141.9
145 34.2 15.1 45.3

