

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012324\
 Data File : VD078208.D
 Acq On : 23 Jan 2024 15:14
 Operator : RP/MD
 Sample : P1187-02
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LOQ-SOIL-02-QT1-2024

Quant Time: Jan 24 01:23:42 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	128076	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	231718	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	210477	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	100383	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	72715	49.733	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.460%		
35) Dibromofluoromethane	7.810	113	75419	49.455	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.900%		
50) Toluene-d8	10.269	98	309783	51.301	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	102.600%		
62) 4-Bromofluorobenzene	12.575	95	88636	50.615	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	101.240%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	59614	40.404	ug/l	97
3) Chloromethane	2.152	50	102958	43.257	ug/l	99
4) Vinyl Chloride	2.293	62	138616	45.641	ug/l	95
5) Bromomethane	2.699	94	97958	44.197	ug/l	97
6) Chloroethane	2.846	64	98091	46.237	ug/l	98
7) Trichlorofluoromethane	3.187	101	129332	46.817	ug/l	98
8) Diethyl Ether	3.593	74	38322	50.042	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.975	101	77224	48.265	ug/l	95
10) Methyl Iodide	4.169	142	84941	52.960	ug/l	# 89
11) Tert butyl alcohol	5.069	59	17426	242.093	ug/l	# 85
12) 1,1-Dichloroethene	3.952	96	73988	46.681	ug/l	# 78
13) Acrolein	3.799	56	32990	199.648	ug/l	100
14) Allyl chloride	4.569	41	105278	50.356	ug/l	91
15) Acrylonitrile	5.264	53	84958	247.229	ug/l	96
16) Acetone	4.022	43	81577	187.163	ug/l	88
17) Carbon Disulfide	4.281	76	240076	46.712	ug/l	97
18) Methyl Acetate	4.564	43	66363	52.756	ug/l	89
19) Methyl tert-butyl Ether	5.322	73	168374	50.942	ug/l	98
20) Methylene Chloride	4.811	84	93183	43.445	ug/l	# 84
21) trans-1,2-Dichloroethene	5.322	96	90401	49.359	ug/l	93
22) Diisopropyl ether	6.222	45	238593	53.932	ug/l	95
23) Vinyl Acetate	6.158	43	553345	253.873	ug/l	# 89
24) 1,1-Dichloroethane	6.122	63	157016	51.365	ug/l	94
25) 2-Butanone	7.081	43	107268	208.266	ug/l	# 83
26) 2,2-Dichloropropane	7.087	77	130572	50.990	ug/l	95
27) cis-1,2-Dichloroethene	7.087	96	100507	51.086	ug/l	92
28) Bromochloromethane	7.428	49	57656	48.359	ug/l	# 75
29) Tetrahydrofuran	7.452	42	60578	251.139	ug/l	88
30) Chloroform	7.599	83	161487	51.945	ug/l	99
31) Cyclohexane	7.887	56	126954	46.961	ug/l	90
32) 1,1,1-Trichloroethane	7.799	97	136599	50.865	ug/l	98
36) 1,1-Dichloropropene	8.010	75	126699	50.521	ug/l	95
37) Ethyl Acetate	7.169	43	43936	47.061	ug/l	95
38) Carbon Tetrachloride	7.993	117	123204	49.743	ug/l	93
39) Methylcyclohexane	9.275	83	150847	50.862	ug/l	97
40) Benzene	8.257	78	365266	51.325	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	23445	45.734	ug/l #	93
42) 1,2-Dichloroethane	8.328	62	94299	50.926	ug/l	95
43) Isopropyl Acetate	8.363	43	84008	49.115	ug/l	93
44) Trichloroethene	9.034	130	91651	50.339	ug/l	86
45) 1,2-Dichloropropane	9.310	63	89988	50.957	ug/l	100
46) Dibromomethane	9.399	93	48433	49.941	ug/l	89
47) Bromodichloromethane	9.587	83	123458	50.678	ug/l	98
48) Methyl methacrylate	9.381	41	49880	50.371	ug/l #	79
49) 1,4-Dioxane	9.393	88	8468	902.395	ug/l #	86
51) 4-Methyl-2-Pentanone	10.157	43	224577	249.863	ug/l	90
52) Toluene	10.334	92	231823	51.390	ug/l	96
53) t-1,3-Dichloropropene	10.557	75	114614	50.997	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	137793	51.143	ug/l #	87
55) 1,1,2-Trichloroethane	10.734	97	63336	48.807	ug/l	95
56) Ethyl methacrylate	10.599	69	54908	51.688	ug/l #	81
57) 1,3-Dichloropropane	10.881	76	112566	50.722	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	168744	265.072	ug/l	93
59) 2-Hexanone	10.922	43	160682	219.997	ug/l	88
60) Dibromochloromethane	11.075	129	77429	50.608	ug/l	95
61) 1,2-Dibromoethane	11.181	107	60680	50.728	ug/l	99
64) Tetrachloroethene	10.810	164	67694	49.188	ug/l	90
65) Chlorobenzene	11.604	112	240027	51.623	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	84907	51.101	ug/l	96
67) Ethyl Benzene	11.687	91	448523	53.010	ug/l	95
68) m/p-Xylenes	11.793	106	334727	103.582	ug/l	87
69) o-Xylene	12.122	106	153633	52.386	ug/l	90
70) Styrene	12.134	104	235522	53.594	ug/l	95
71) Bromoform	12.298	173	39395	47.877	ug/l #	96
73) Isopropylbenzene	12.422	105	407732	51.658	ug/l	95
74) N-amyl acetate	12.234	43	75109	49.739	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.675	83	71156	48.450	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	50279m	52.222	ug/l	
77) Bromobenzene	12.704	156	88056	50.885	ug/l	83
78) n-propylbenzene	12.763	91	507484	51.841	ug/l	95
79) 2-Chlorotoluene	12.851	91	269706	51.628	ug/l	93
80) 1,3,5-Trimethylbenzene	12.904	105	344184	52.591	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.469	75	23572	52.737	ug/l	96
82) 4-Chlorotoluene	12.945	91	286016	51.939	ug/l	93
83) tert-Butylbenzene	13.163	119	290358	53.073	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	348516	52.655	ug/l	97
85) sec-Butylbenzene	13.345	105	433776	52.363	ug/l	95
86) p-Isopropyltoluene	13.457	119	382111	53.005	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	182387	50.905	ug/l	97
88) 1,4-Dichlorobenzene	13.534	146	178879	50.535	ug/l	97
89) n-Butylbenzene	13.787	91	374521	53.368	ug/l	97
90) Hexachloroethane	14.051	117	72486	51.259	ug/l	83
91) 1,2-Dichlorobenzene	13.834	146	156318	51.884	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	9046	43.101	ug/l	93
93) 1,2,4-Trichlorobenzene	15.098	180	93297	50.096	ug/l	98
94) Hexachlorobutadiene	15.204	225	46911	52.126	ug/l	99
95) Naphthalene	15.328	128	175927	50.525	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	80486	51.511	ug/l	98

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

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

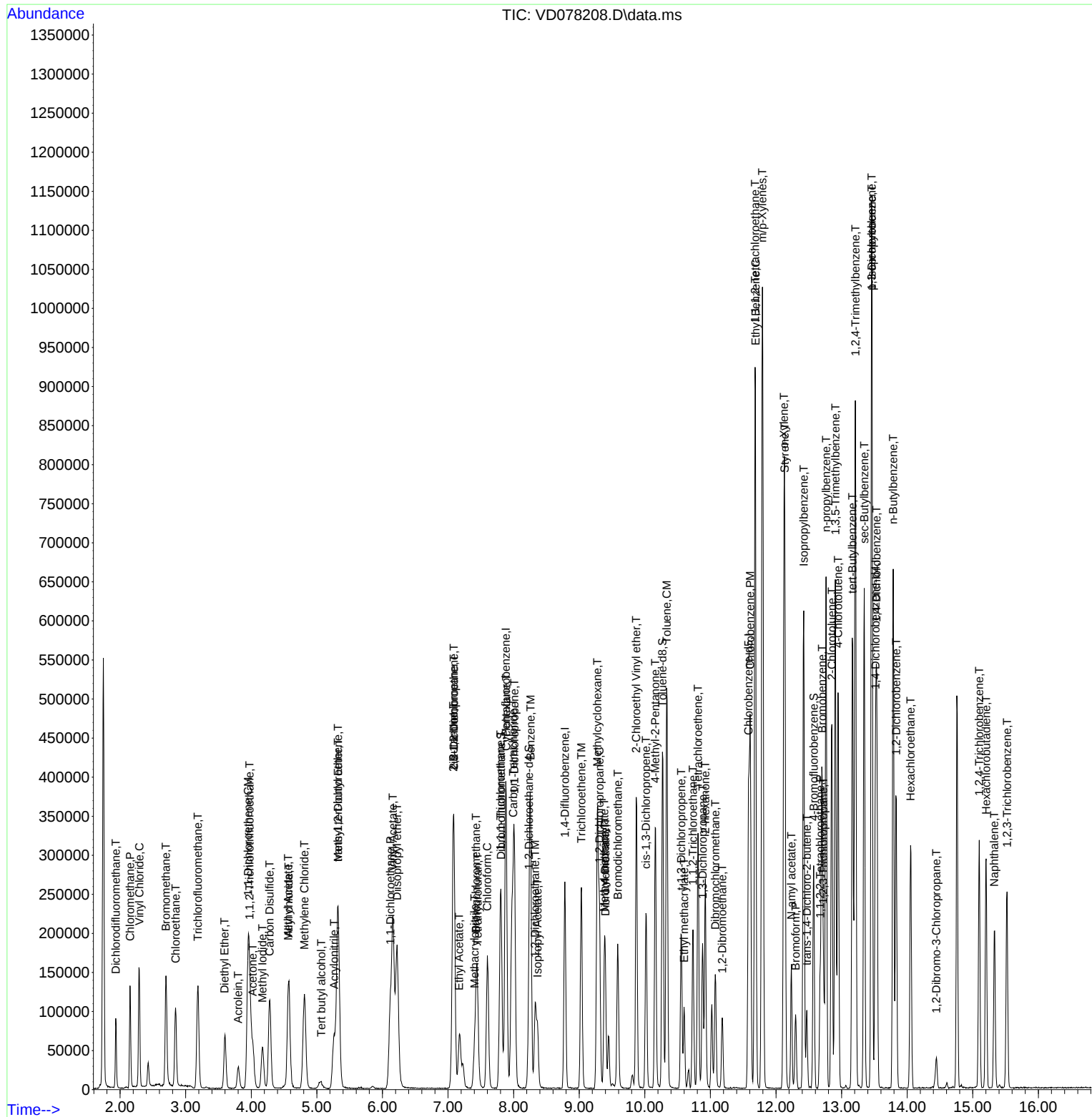
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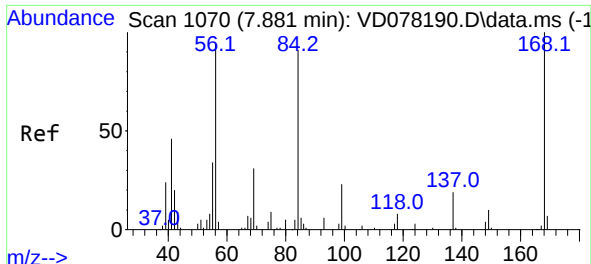
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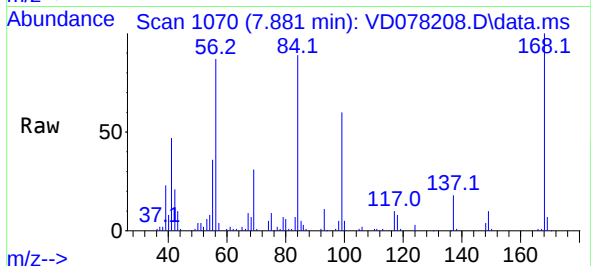
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078208.D
Acq: 23 Jan 2024 15:14

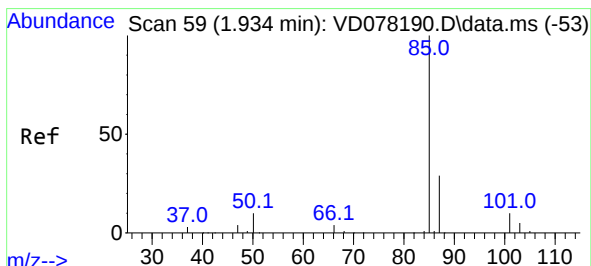
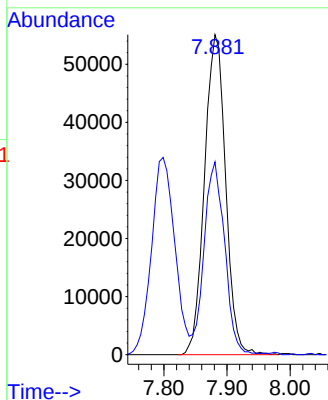
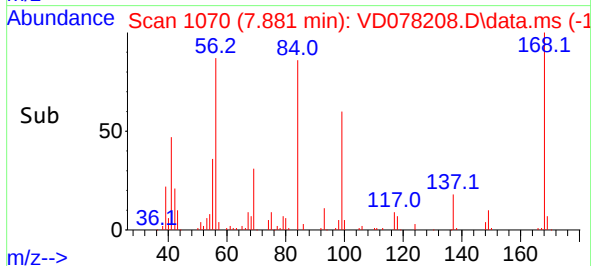
Instrument : MSVOA_D
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Tgt Ion:168 Resp: 128070
Ion Ratio Lower Upper
168 100
99 59.7 36.7 55.1

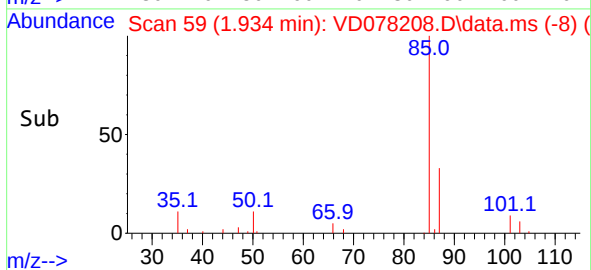
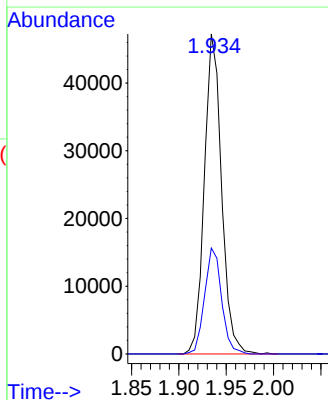
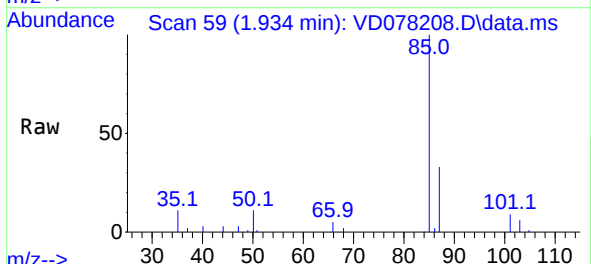
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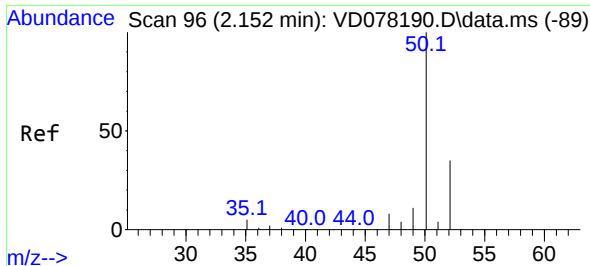
Reviewed By :Mahesh Dadoda 01/25/2024
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#2
Dichlorodifluoromethane
Concen: 40.404 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD078208.D
Acq: 23 Jan 2024 15:14

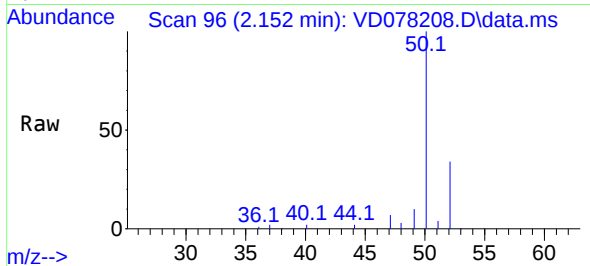
Tgt Ion: 85 Resp: 59614
Ion Ratio Lower Upper
85 100
87 33.1 15.7 47.0





#3
Chloromethane
Concen: 43.257 ug/l
RT: 2.152 min Scan# 90
Delta R.T. -0.000 min
Lab File: VD078208.D
Acq: 23 Jan 2024 15:14

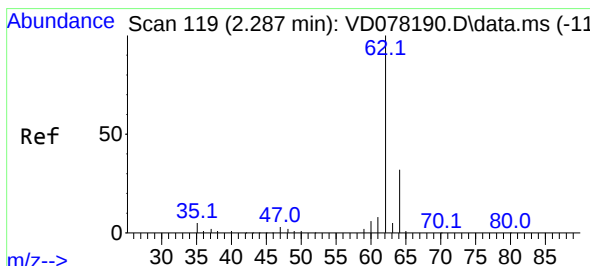
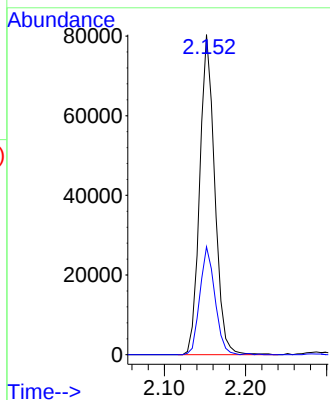
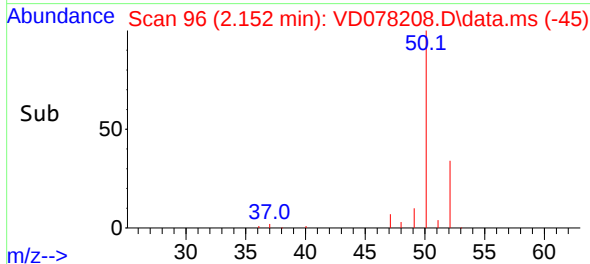
Instrument :
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Tgt Ion: 50 Resp: 102958
Ion Ratio Lower Upper
50 100
52 33.7 26.6 40.0

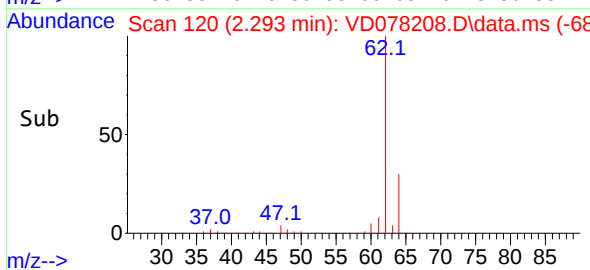
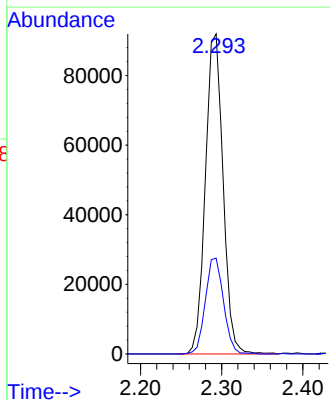
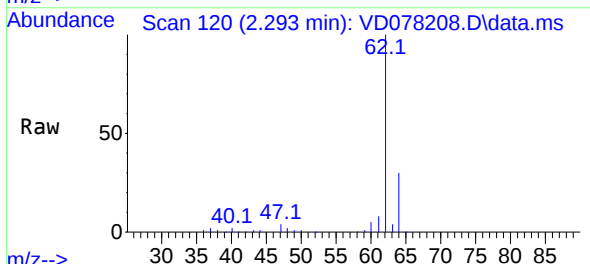
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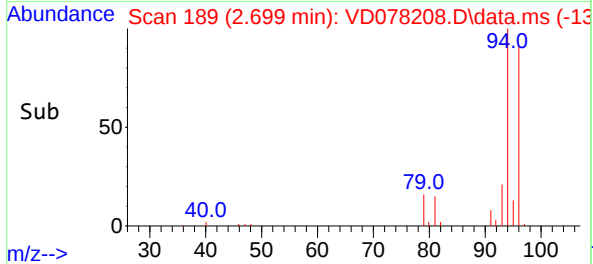
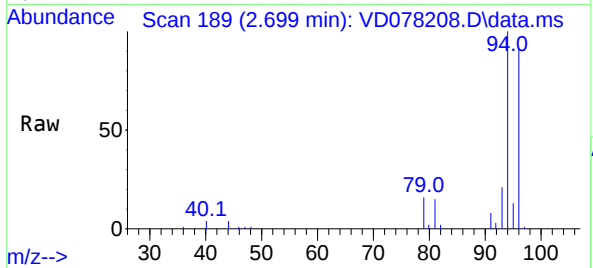
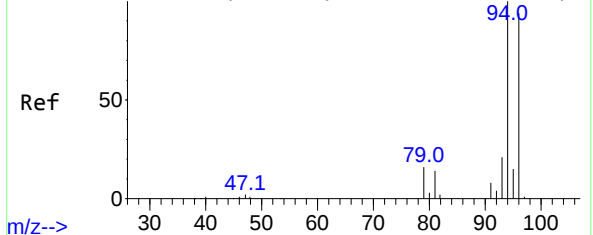


#4
Vinyl Chloride
Concen: 45.641 ug/l
RT: 2.293 min Scan# 120
Delta R.T. 0.006 min
Lab File: VD078208.D
Acq: 23 Jan 2024 15:14

Tgt Ion: 62 Resp: 138616
Ion Ratio Lower Upper
62 100
64 30.0 26.0 39.0



Abundance Scan 189 (2.699 min): VD078190.D\data.ms (-18



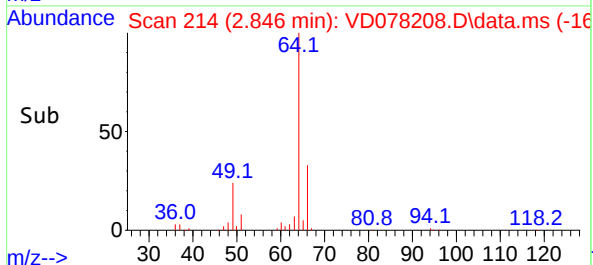
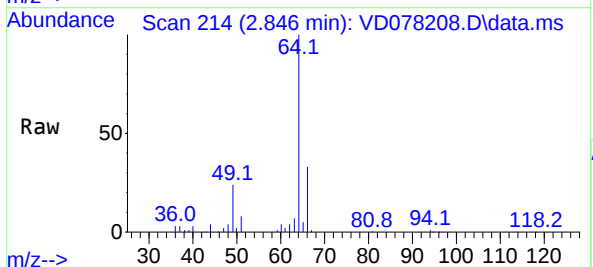
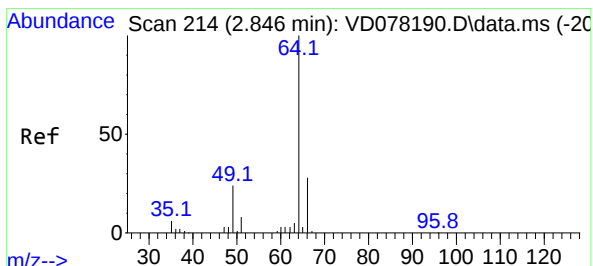
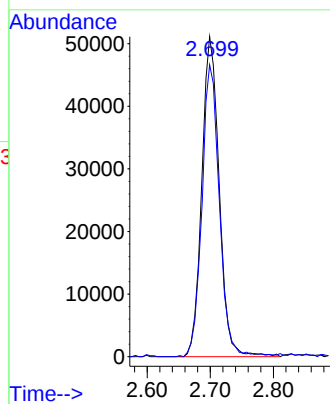
#5
Bromomethane
Concen: 44.197 ug/l
RT: 2.699 min Scan# 189
Delta R.T. 0.000 min
Lab File: VD078208.D
Acq: 23 Jan 2024 15:14

Tgt Ion: 94 Resp: 97958
Ion Ratio Lower Upper
94 100
96 91.8 75.8 113.8

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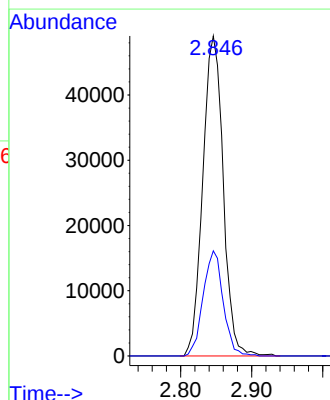
Manual Integrations
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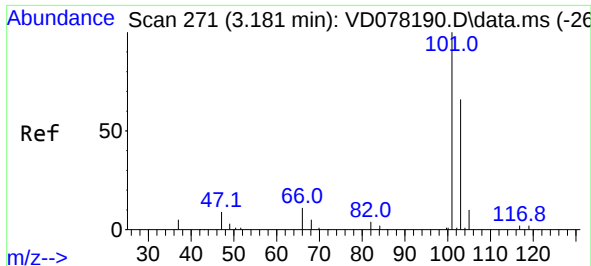
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#6
Chloroethane
Concen: 46.237 ug/l
RT: 2.846 min Scan# 214
Delta R.T. 0.000 min
Lab File: VD078208.D
Acq: 23 Jan 2024 15:14

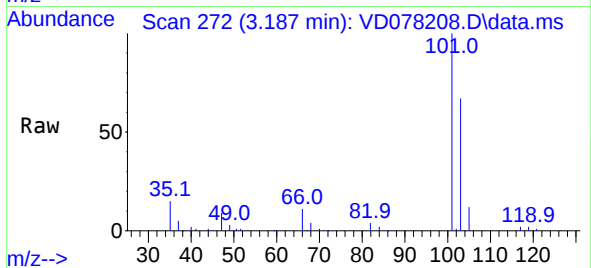
Tgt Ion: 64 Resp: 98091
Ion Ratio Lower Upper
64 100
66 32.8 25.5 38.3





#7
 Trichlorofluoromethane
 Concen: 46.817 ug/l
 RT: 3.187 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD078208.D
 Acq: 23 Jan 2024 15:14

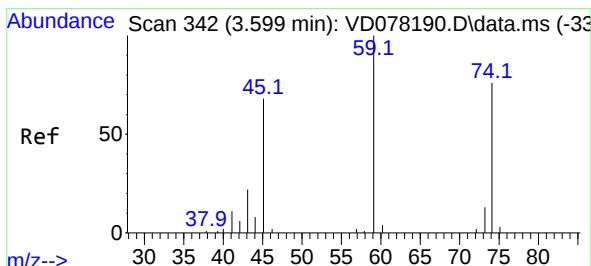
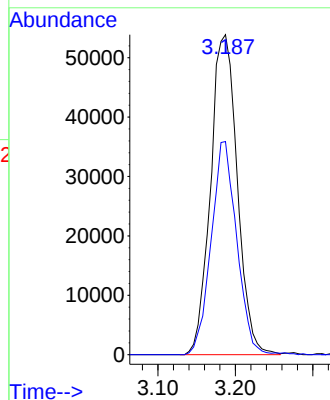
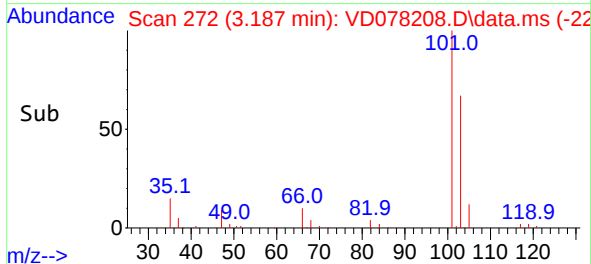
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Tgt Ion:101 Resp: 12933
 Ion Ratio Lower Upper
 101 100
 103 66.6 52.3 78.5

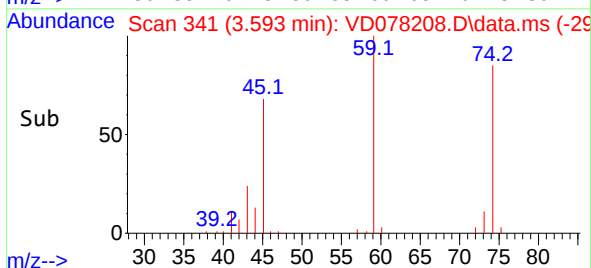
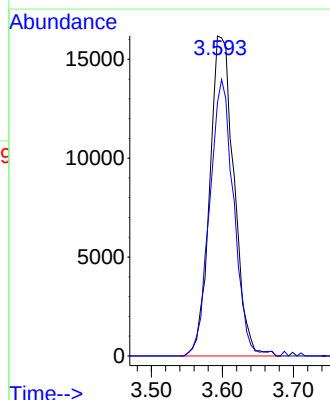
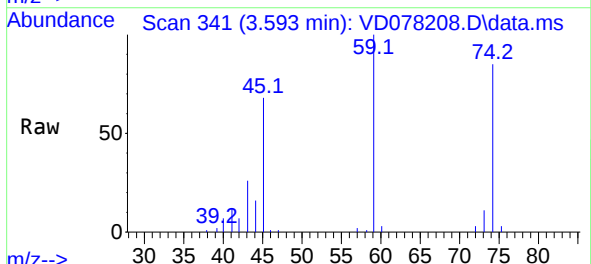
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 APPROVED

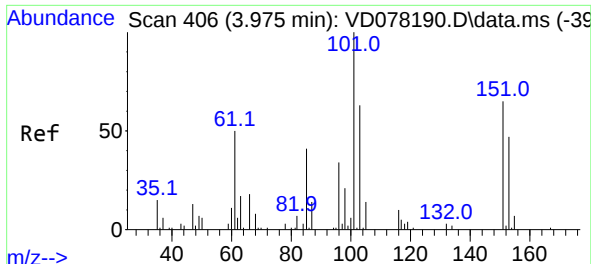
Reviewed By :Mahesh Dadoda 01/25/2024
 Supervised By :Semsettin Yesilyurt 01/25/2024



#8
 Diethyl Ether
 Concen: 50.042 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VD078208.D
 Acq: 23 Jan 2024 15:14

Tgt Ion: 74 Resp: 38322
 Ion Ratio Lower Upper
 74 100
 45 85.9 37.5 112.7





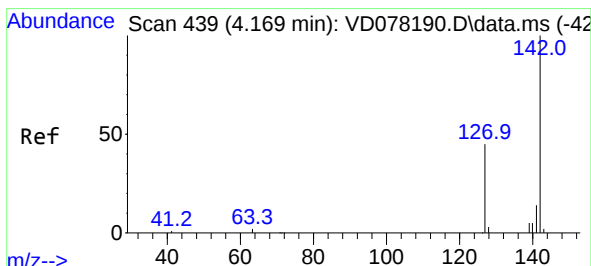
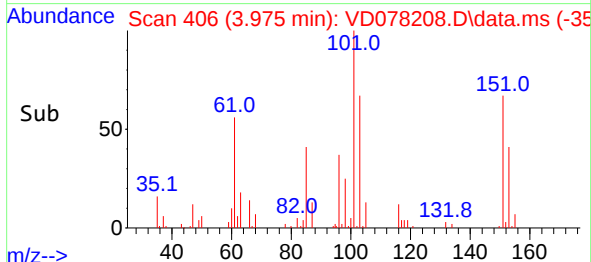
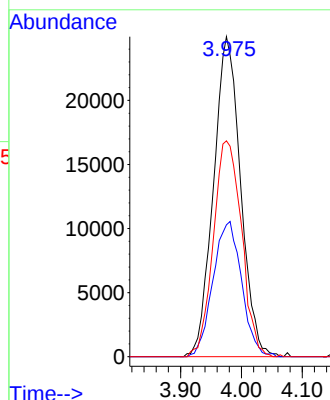
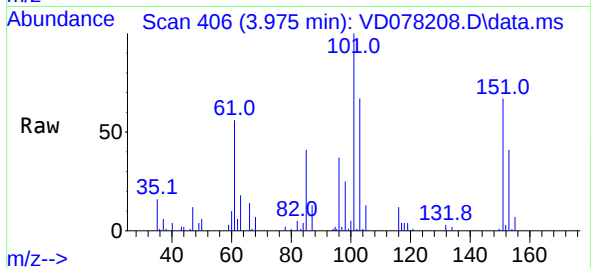
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.265 ug/l
RT: 3.975 min Scan# 406
Delta R.T. 0.000 min
Lab File: VD078208.D
Acq: 23 Jan 2024 15:14

Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2024

Tgt Ion:101 Resp: 77224
Ion Ratio Lower Upper
101 100
85 44.6 33.8 50.6
151 70.1 59.8 89.6

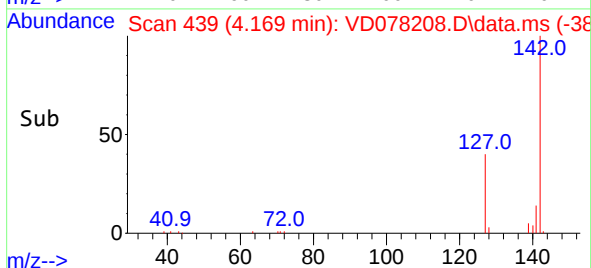
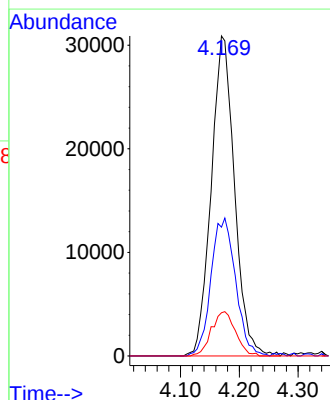
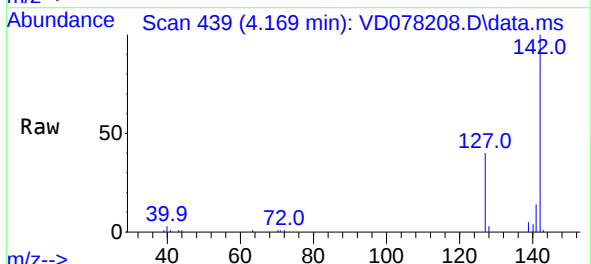
Manual Integrations
APPROVED

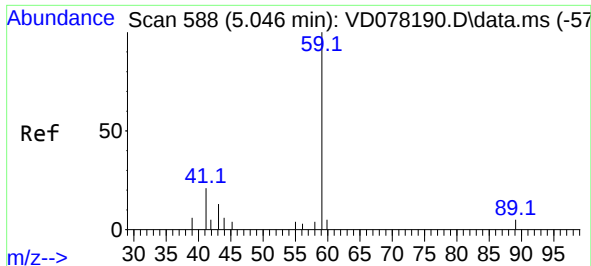
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#10
Methyl Iodide
Concen: 52.960 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.000 min
Lab File: VD078208.D
Acq: 23 Jan 2024 15:14

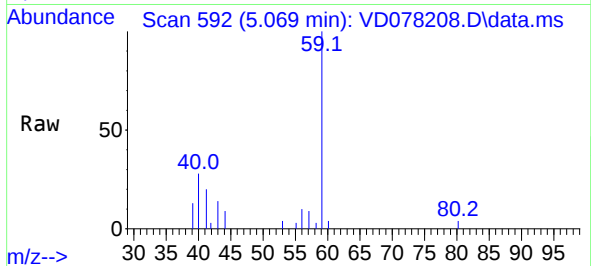
Tgt Ion:142 Resp: 84941
Ion Ratio Lower Upper
142 100
127 45.6 29.4 44.0#
141 14.3 11.1 16.7





#11
Tert butyl alcohol
Concen: 242.093 ug/l
RT: 5.069 min Scan# 591
Delta R.T. 0.024 min
Lab File: VD078208.D
Acq: 23 Jan 2024 15:14

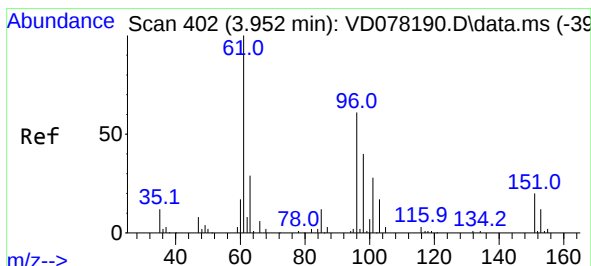
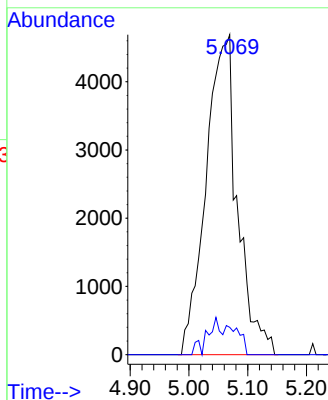
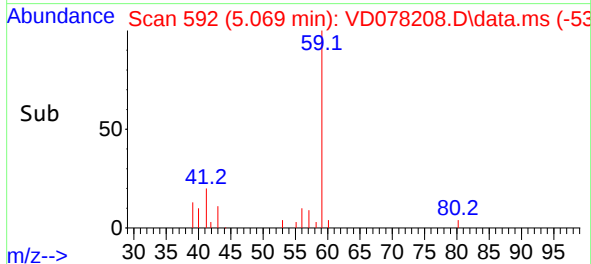
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2024



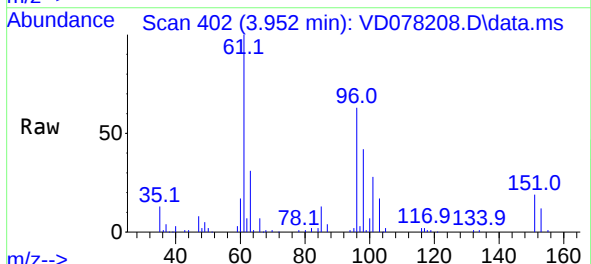
Tgt Ion: 59 Resp: 17420
Ion Ratio Lower Upper
59 100
57 4.3 7.8 11.8

Manual Integrations
APPROVED

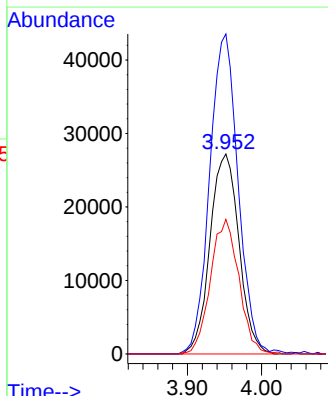
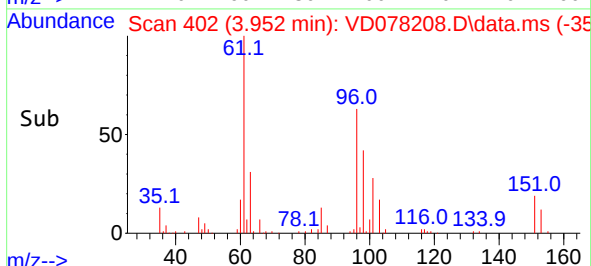
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024

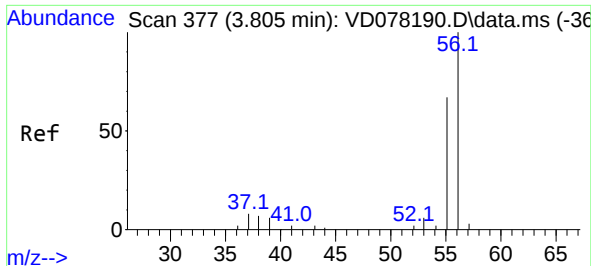


#12
1,1-Dichloroethene
Concen: 46.681 ug/l
RT: 3.952 min Scan# 402
Delta R.T. 0.000 min
Lab File: VD078208.D
Acq: 23 Jan 2024 15:14



Tgt Ion: 96 Resp: 73988
Ion Ratio Lower Upper
96 100
61 160.0 100.6 150.8#
98 67.3 50.2 75.2





#13

Acrolein

Concen: 199.648 ug/l

RT: 3.799 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD078208.D

Acq: 23 Jan 2024 15:14

Instrument :

MSVOA_D

ClientSampleId :

LOQ-SOIL-02-QT1-2024

Tgt Ion: 56 Resp: 32990

Ion Ratio Lower Upper

56 100

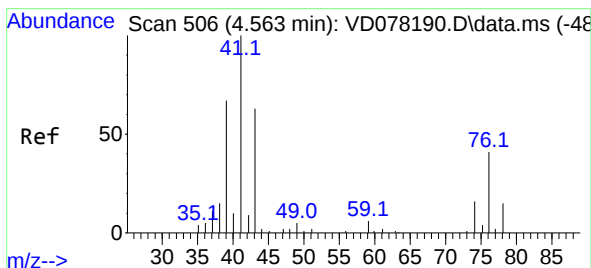
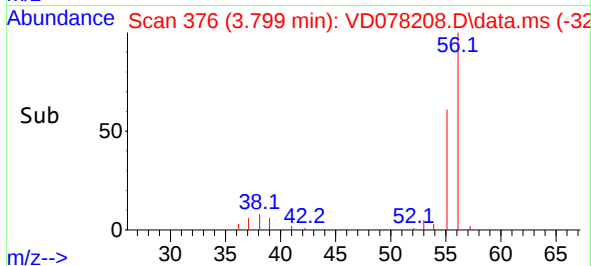
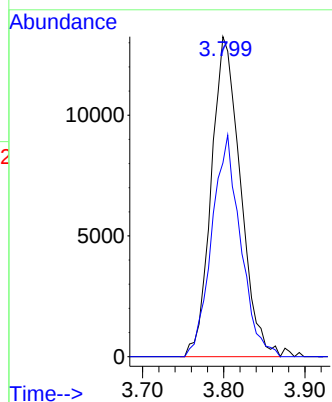
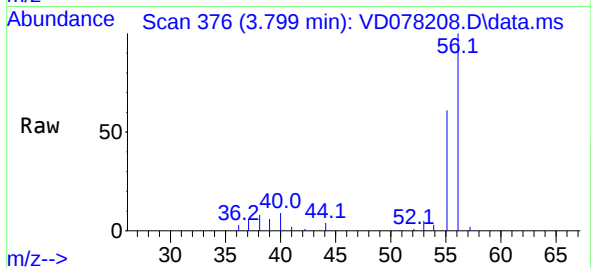
55 68.6 55.1 82.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/25/2024

Supervised By :Semsettin Yesilyurt 01/25/2024



#14

Allyl chloride

Concen: 50.356 ug/l

RT: 4.569 min Scan# 507

Delta R.T. 0.006 min

Lab File: VD078208.D

Acq: 23 Jan 2024 15:14

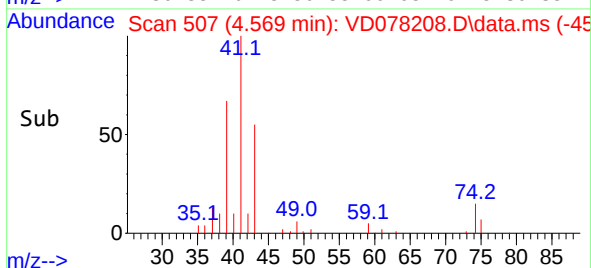
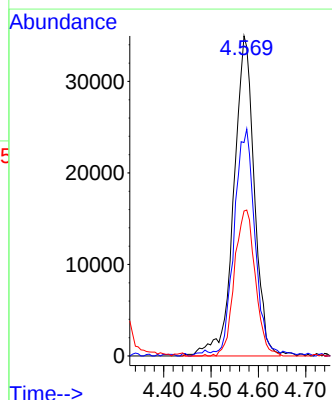
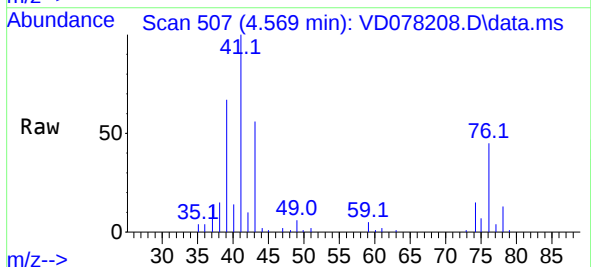
Tgt Ion: 41 Resp: 105278

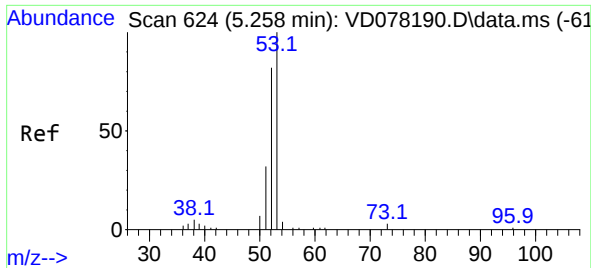
Ion Ratio Lower Upper

41 100

39 69.9 53.8 80.6

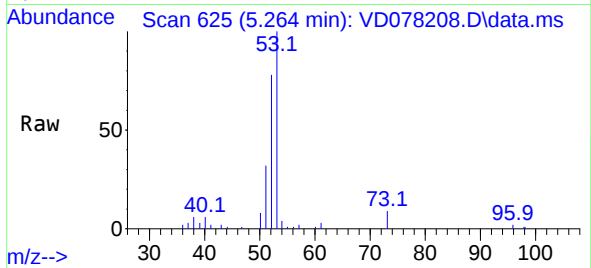
76 46.3 45.8 68.8





#15
Acrylonitrile
Concen: 247.229 ug/l
RT: 5.264 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078208.D
Acq: 23 Jan 2024 15:14

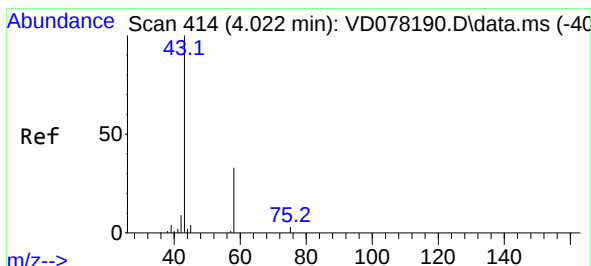
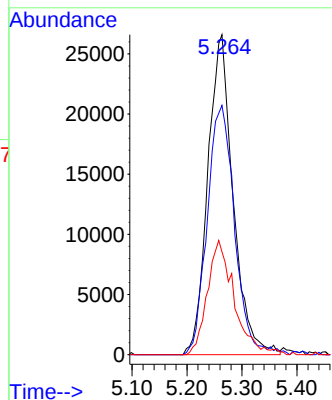
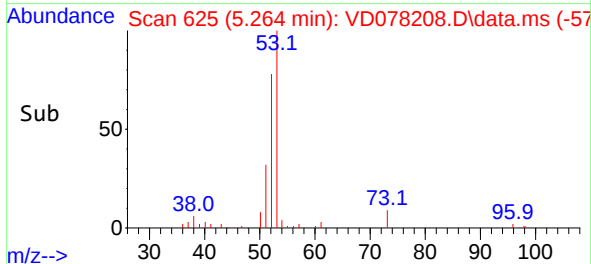
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2024



Tgt Ion: 53 Resp: 84958
Ion Ratio Lower Upper
53 100
52 84.4 65.0 97.4
51 37.9 28.3 42.5

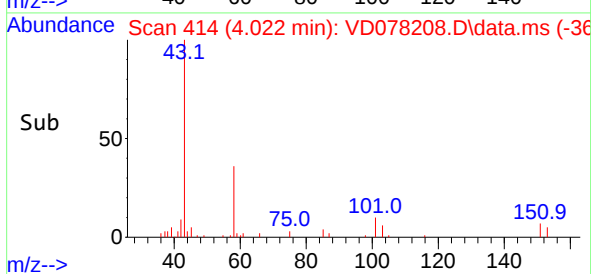
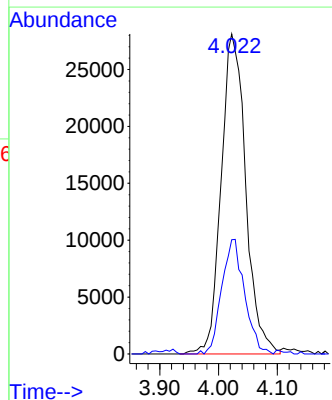
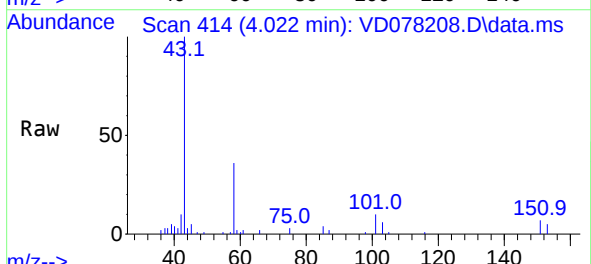
Manual Integrations
APPROVED

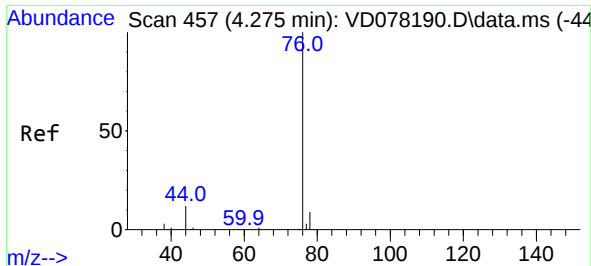
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#16
Acetone
Concen: 187.163 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD078208.D
Acq: 23 Jan 2024 15:14

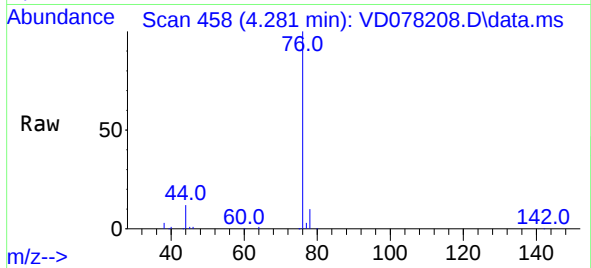
Tgt Ion: 43 Resp: 81577
Ion Ratio Lower Upper
43 100
58 35.7 34.7 52.1





#17
Carbon Disulfide
Concen: 46.712 ug/l
RT: 4.281 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD078208.D
Acq: 23 Jan 2024 15:14

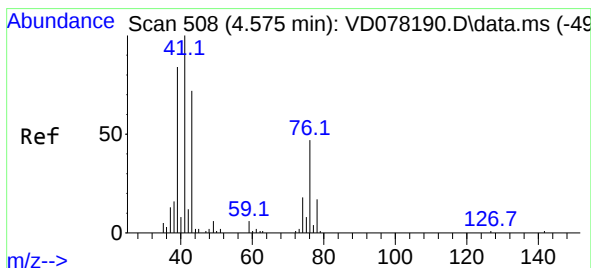
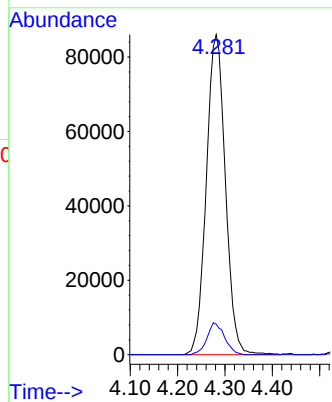
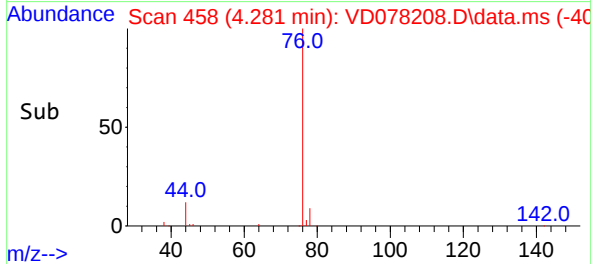
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2024



Tgt Ion: 76 Resp: 240070
Ion Ratio Lower Upper
76 100
78 9.5 6.8 10.2

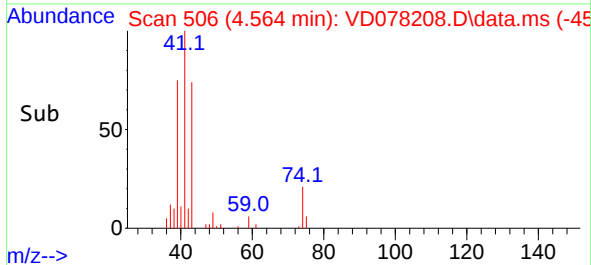
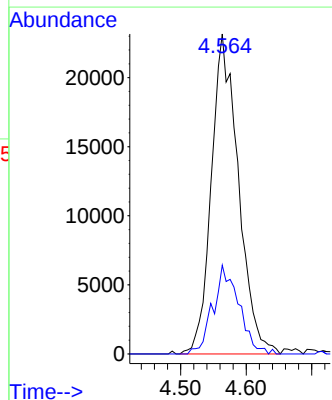
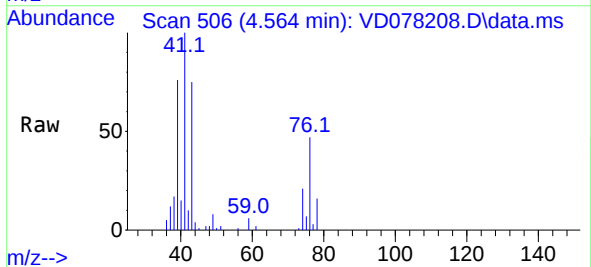
Manual Integrations
APPROVED

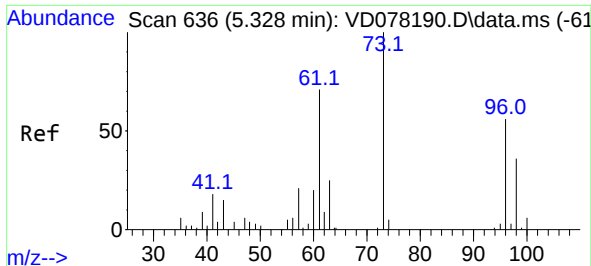
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#18
Methyl Acetate
Concen: 52.756 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.012 min
Lab File: VD078208.D
Acq: 23 Jan 2024 15:14

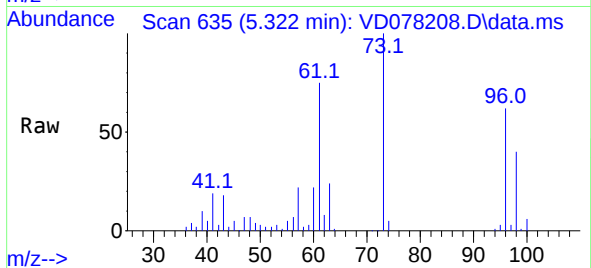
Tgt Ion: 43 Resp: 66363
Ion Ratio Lower Upper
43 100
74 26.6 26.4 39.6





#19
Methyl tert-butyl Ether
Concen: 50.942 ug/l
RT: 5.322 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078208.D
Acq: 23 Jan 2024 15:14

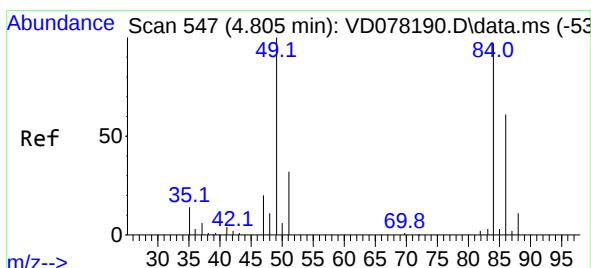
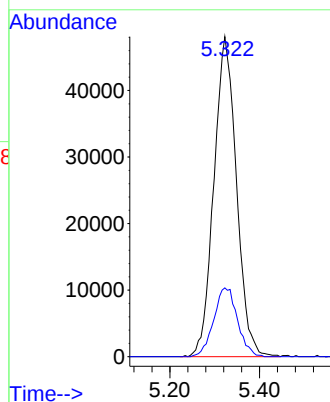
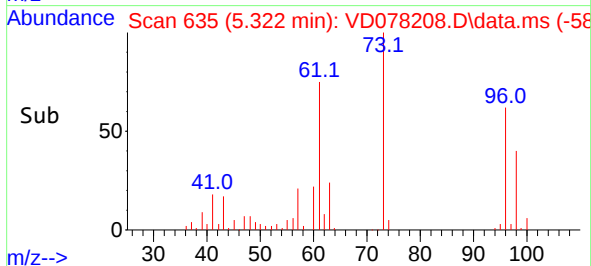
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2024



Tgt Ion: 73 Resp: 168374
Ion Ratio Lower Upper
73 100
57 21.5 16.6 25.0

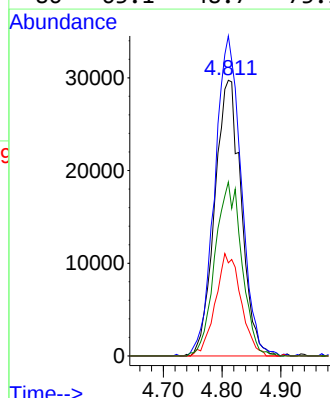
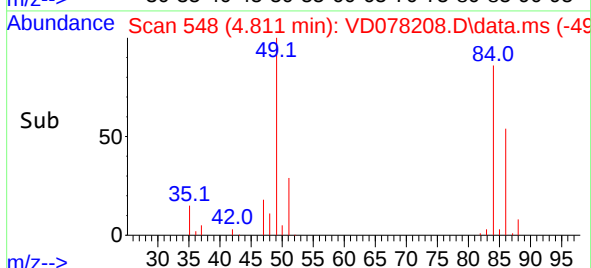
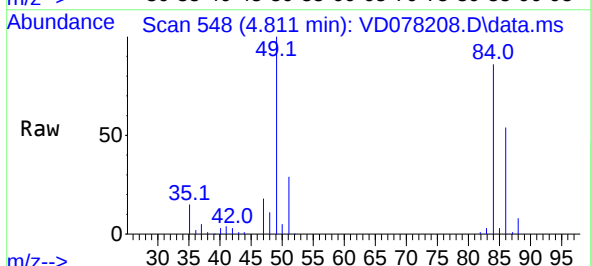
Manual Integrations
APPROVED

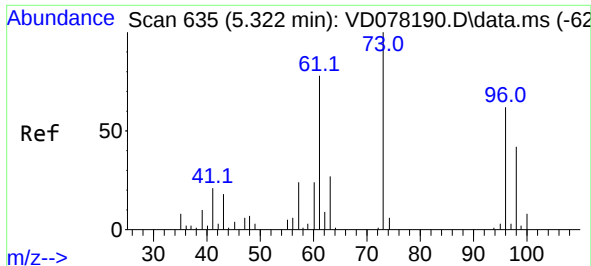
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#20
Methylene Chloride
Concen: 43.445 ug/l
RT: 4.811 min Scan# 548
Delta R.T. 0.006 min
Lab File: VD078208.D
Acq: 23 Jan 2024 15:14

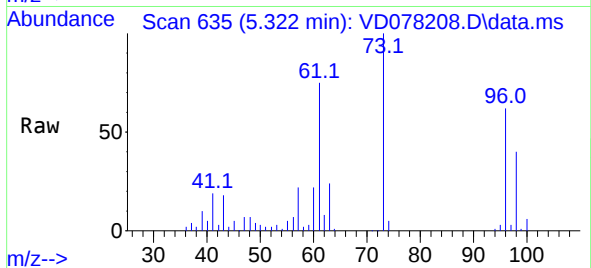
Tgt Ion: 84 Resp: 93183
Ion Ratio Lower Upper
84 100
49 116.1 71.4 107.2#
51 33.8 24.5 36.7
86 63.1 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 49.359 ug/l
RT: 5.322 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD078208.D
Acq: 23 Jan 2024 15:14

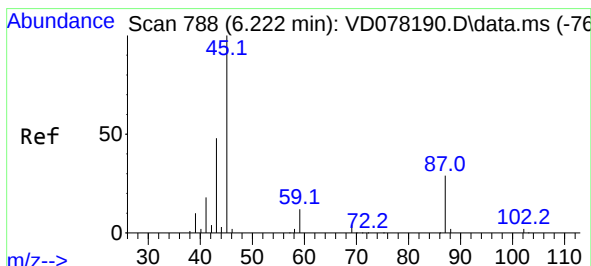
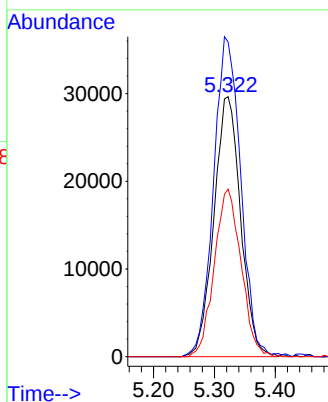
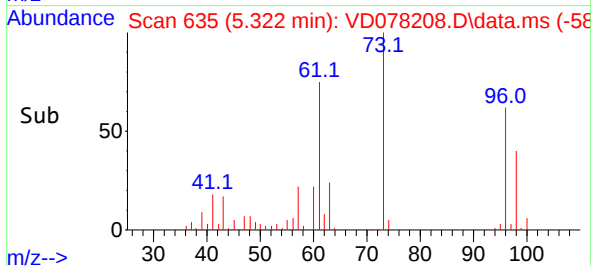
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2024



Tgt Ion: 96 Resp: 9040
Ion Ratio Lower Upper
96 100
61 121.1 89.3 133.9
98 64.5 48.6 73.0

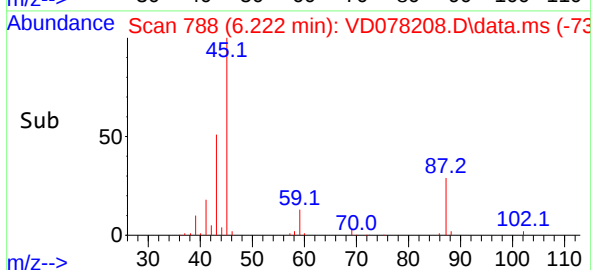
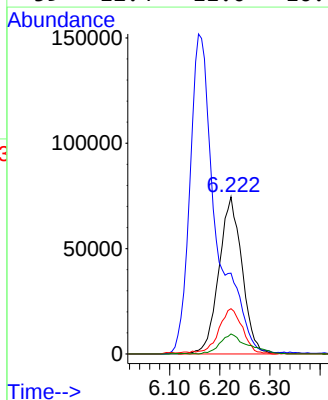
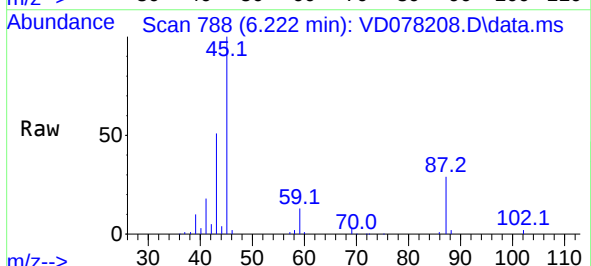
Manual Integrations
APPROVED

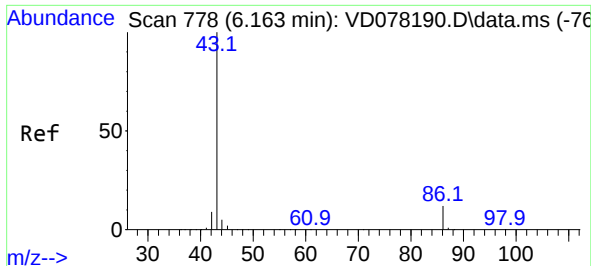
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#22
Diisopropyl ether
Concen: 53.932 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.000 min
Lab File: VD078208.D
Acq: 23 Jan 2024 15:14

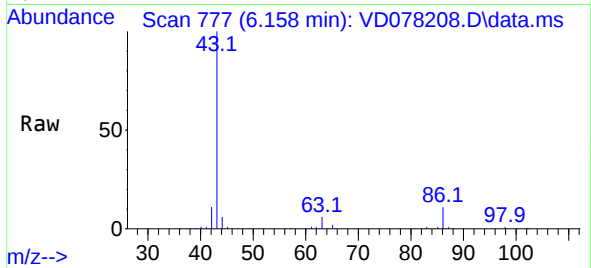
Tgt Ion: 45 Resp: 238593
Ion Ratio Lower Upper
45 100
43 50.4 40.0 60.0
87 28.5 28.2 42.4
59 12.4 11.0 16.4





#23
 Vinyl Acetate
 Concen: 253.873 ug/l
 RT: 6.158 min Scan# 778
 Delta R.T. -0.006 min
 Lab File: VD078208.D
 Acq: 23 Jan 2024 15:14

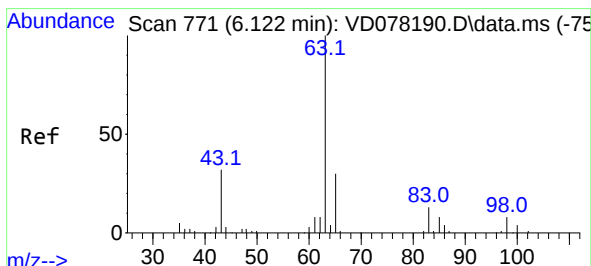
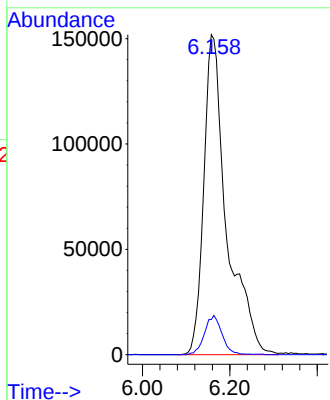
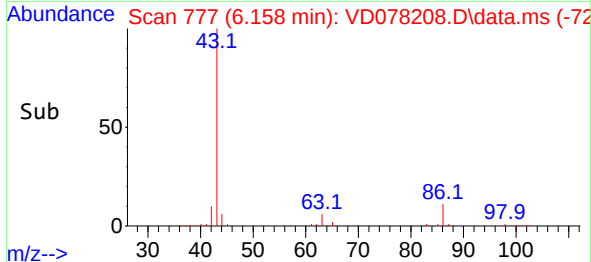
Instrument :
 MSVOA_D
 ClientSampleId :
 LOQ-SOIL-02-QT1-2024



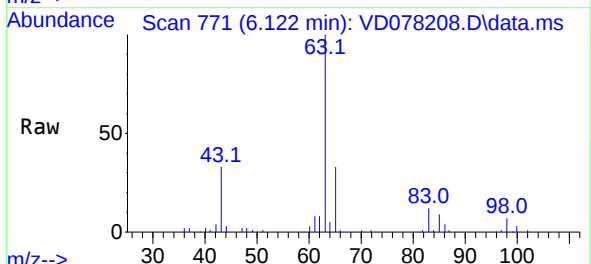
Tgt Ion: 43 Resp: 55334
 Ion Ratio Lower Upper
 43 100
 86 11.0 12.5 18.7

Manual Integrations
 APPROVED

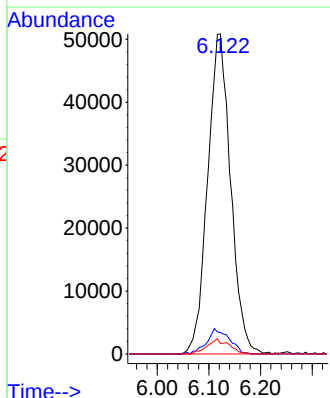
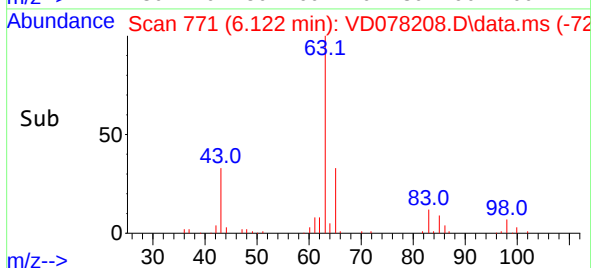
Reviewed By :Mahesh Dadoda 01/25/2024
 Supervised By :Semsettin Yesilyurt 01/25/2024

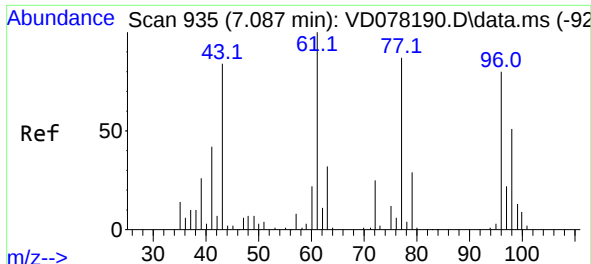


#24
 1,1-Dichloroethane
 Concen: 51.365 ug/l
 RT: 6.122 min Scan# 771
 Delta R.T. 0.000 min
 Lab File: VD078208.D
 Acq: 23 Jan 2024 15:14



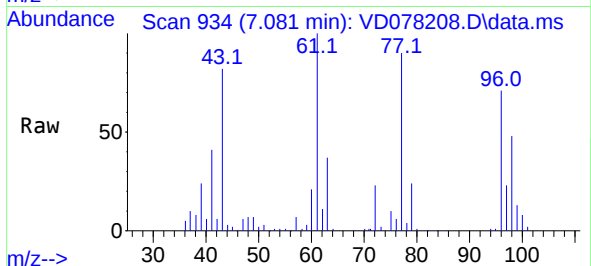
Tgt Ion: 63 Resp: 157016
 Ion Ratio Lower Upper
 63 100
 98 6.7 4.5 13.7
 100 3.3 2.5 7.5





#25
2-Butanone
Concen: 208.266 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078208.D
Acq: 23 Jan 2024 15:14

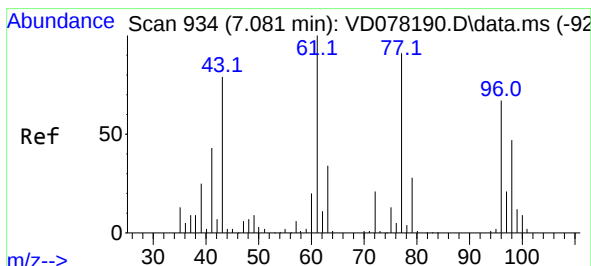
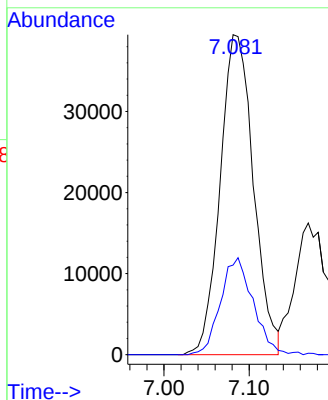
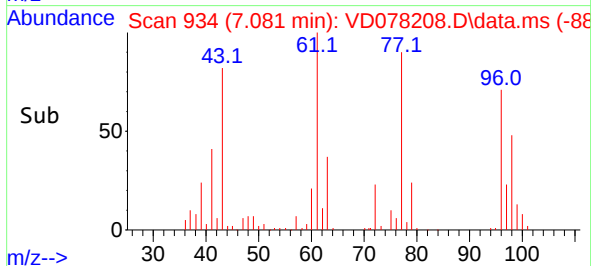
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2024



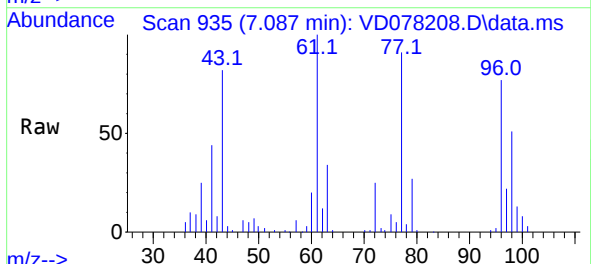
Tgt Ion: 43 Resp: 107268
Ion Ratio Lower Upper
43 100
72 28.0 30.7 46.1

Manual Integrations
APPROVED

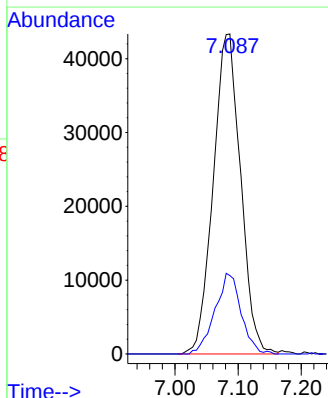
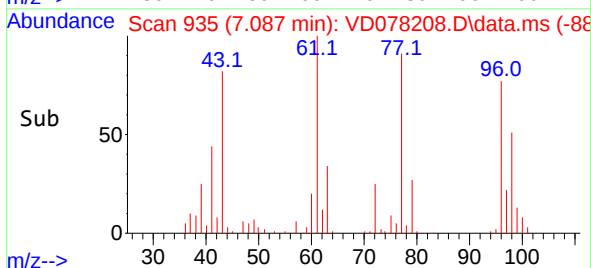
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024

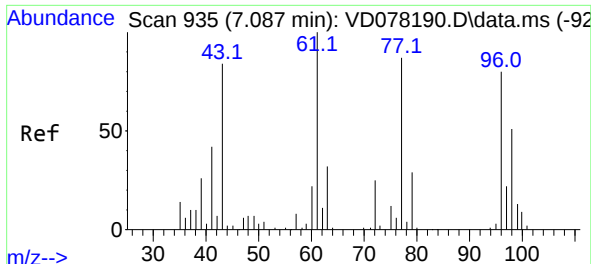


#26
2,2-Dichloropropane
Concen: 50.990 ug/l
RT: 7.087 min Scan# 935
Delta R.T. 0.006 min
Lab File: VD078208.D
Acq: 23 Jan 2024 15:14



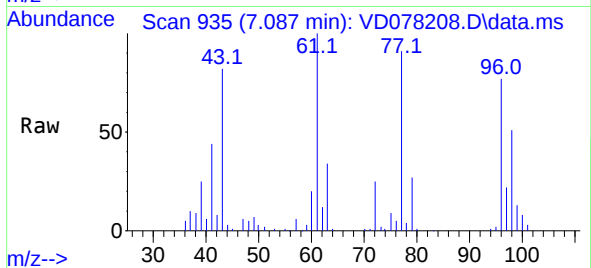
Tgt Ion: 77 Resp: 130572
Ion Ratio Lower Upper
77 100
97 24.0 13.2 39.6





#27
cis-1,2-Dichloroethene
Concen: 51.086 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD078208.D
Acq: 23 Jan 2024 15:14

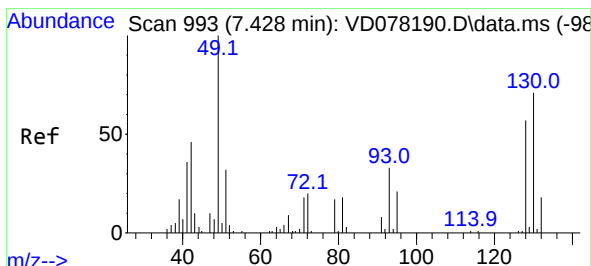
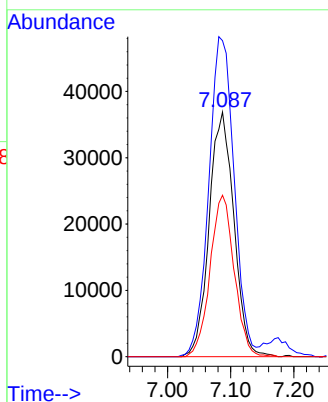
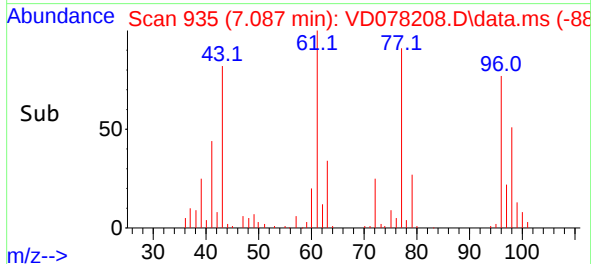
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2024



Tgt Ion: 96 Resp: 10050
Ion Ratio Lower Upper
96 100
61 133.9 0.0 239.2
98 64.3 0.0 128.6

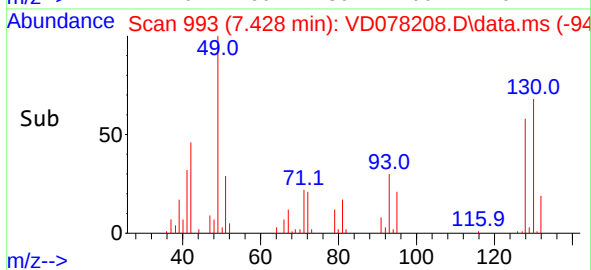
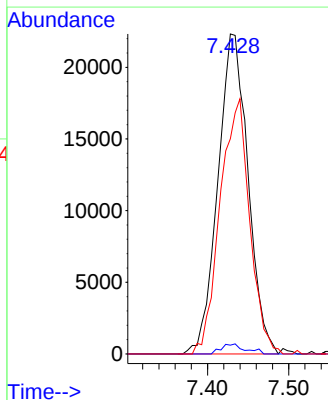
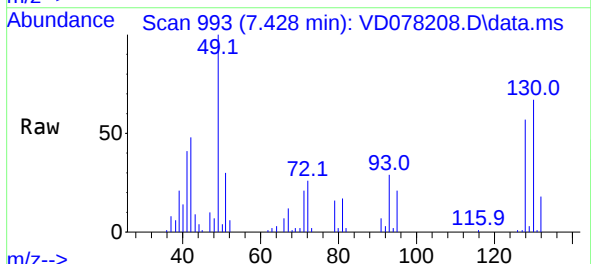
Manual Integrations
APPROVED

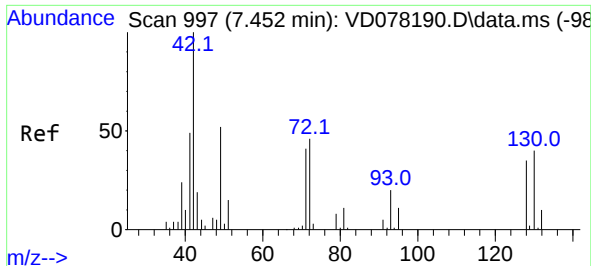
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#28
Bromochloromethane
Concen: 48.359 ug/l
RT: 7.428 min Scan# 993
Delta R.T. 0.000 min
Lab File: VD078208.D
Acq: 23 Jan 2024 15:14

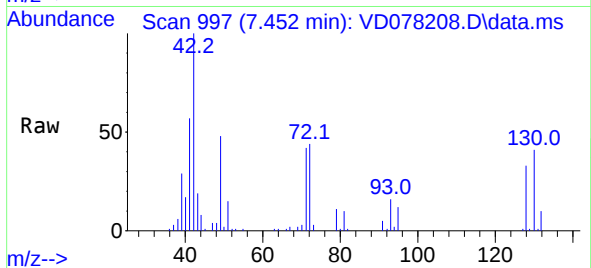
Tgt Ion: 49 Resp: 57656
Ion Ratio Lower Upper
49 100
129 2.5 0.0 6.0
130 78.1 83.2 124.8#





#29
Tetrahydrofuran
Concen: 251.139 ug/l
RT: 7.452 min Scan# 997
Delta R.T. 0.000 min
Lab File: VD078208.D
Acq: 23 Jan 2024 15:14

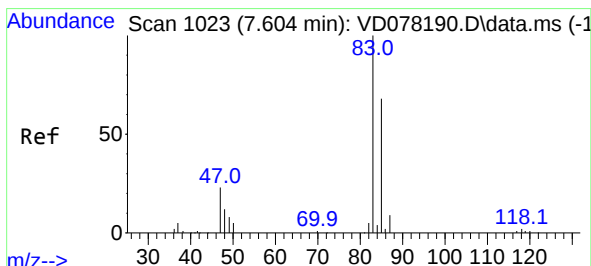
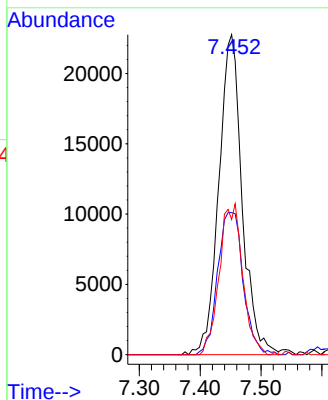
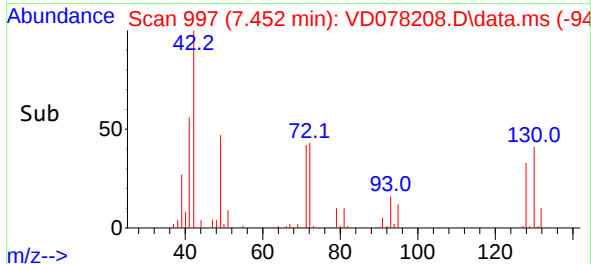
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2024



Tgt Ion: 42 Resp: 60578
Ion Ratio Lower Upper
42 100
72 48.6 46.5 69.7
71 47.1 44.5 66.7

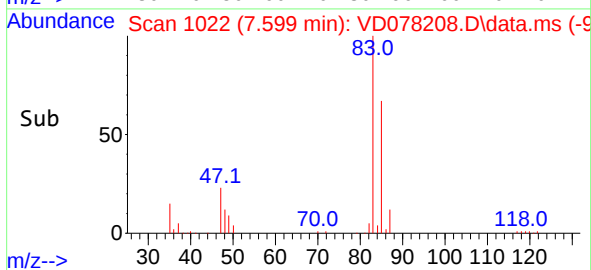
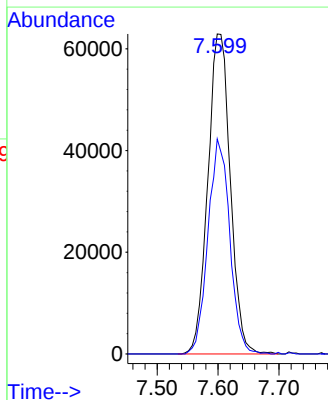
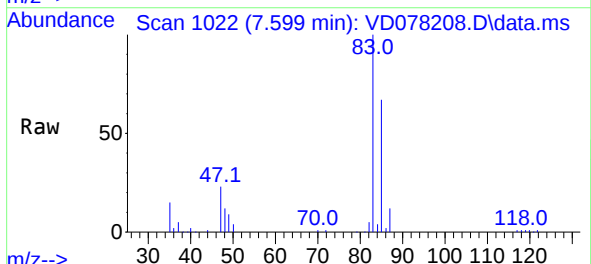
Manual Integrations
APPROVED

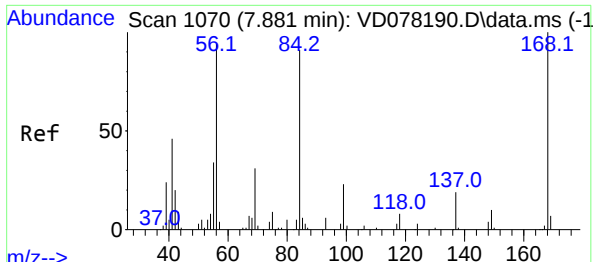
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#30
Chloroform
Concen: 51.945 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. -0.006 min
Lab File: VD078208.D
Acq: 23 Jan 2024 15:14

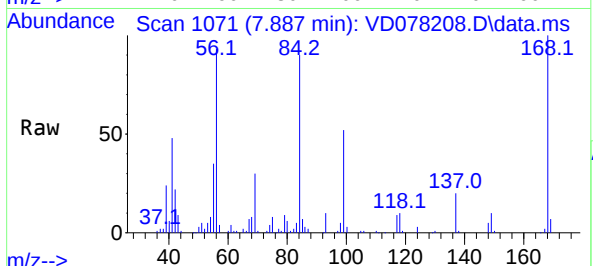
Tgt Ion: 83 Resp: 161487
Ion Ratio Lower Upper
83 100
85 67.2 53.4 80.2





#31
Cyclohexane
Concen: 46.961 ug/l
RT: 7.887 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD078208.D
Acq: 23 Jan 2024 15:14

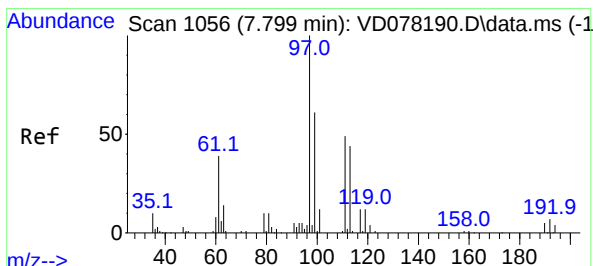
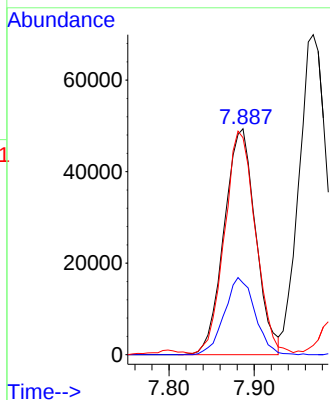
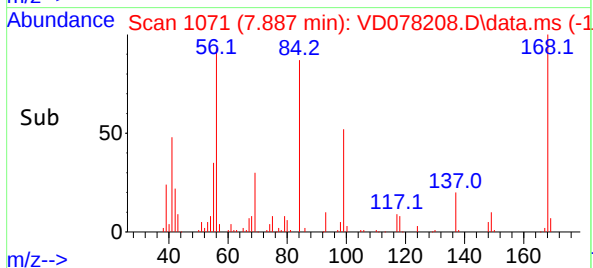
Instrument : MSVOA_D
ClientSampleId : LOQ-SOIL-02-QT1-2024



Tgt Ion: 56 Resp: 126954
Ion Ratio Lower Upper
56 100
69 31.8 28.6 43.0
84 94.9 84.8 127.2

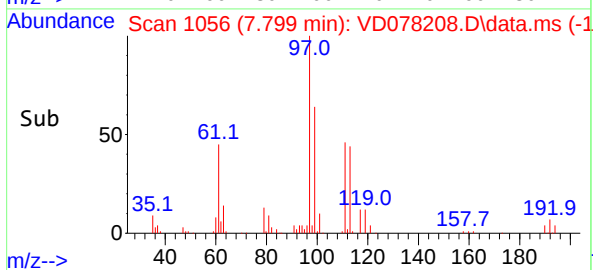
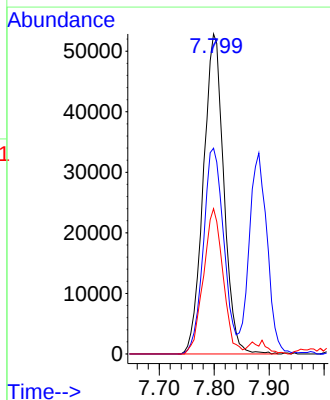
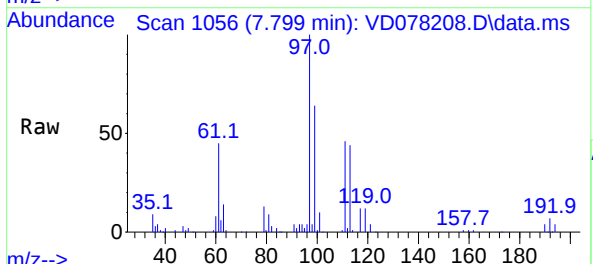
Manual Integrations
APPROVED

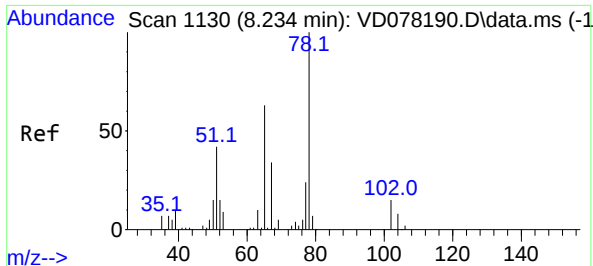
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#32
1,1,1-Trichloroethane
Concen: 50.865 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VD078208.D
Acq: 23 Jan 2024 15:14

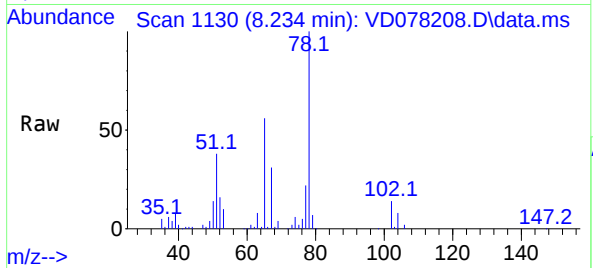
Tgt Ion: 97 Resp: 136599
Ion Ratio Lower Upper
97 100
99 63.8 52.0 78.0
61 43.5 33.8 50.8





#33
1,2-Dichloroethane-d4
Concen: 49.733 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078208.D
Acq: 23 Jan 2024 15:14

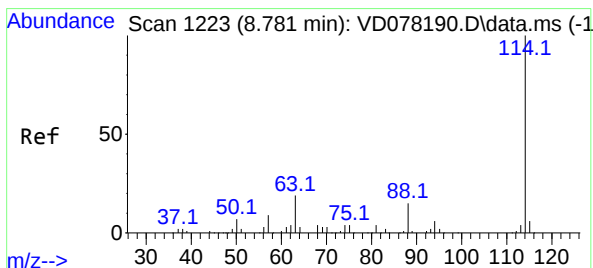
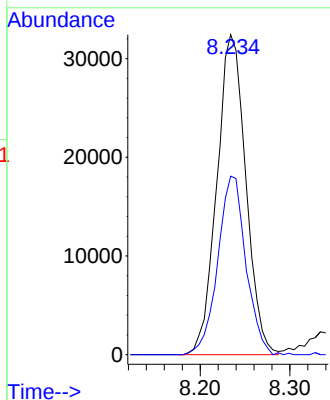
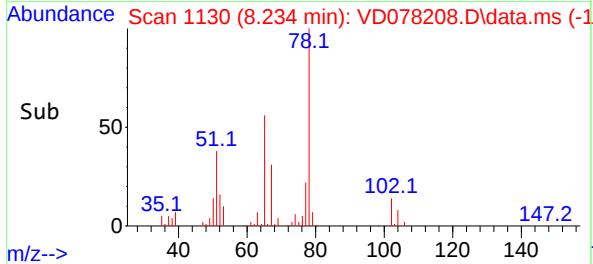
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2024



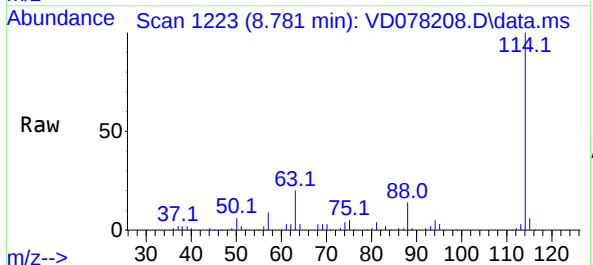
Tgt Ion: 65 Resp: 72718
Ion Ratio Lower Upper
65 100
67 54.2 0.0 115.0

Manual Integrations
APPROVED

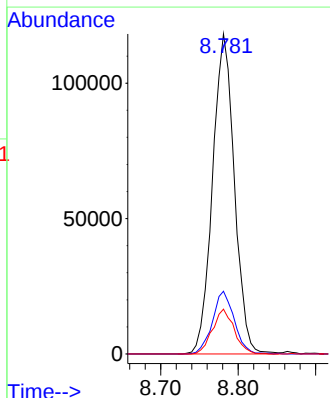
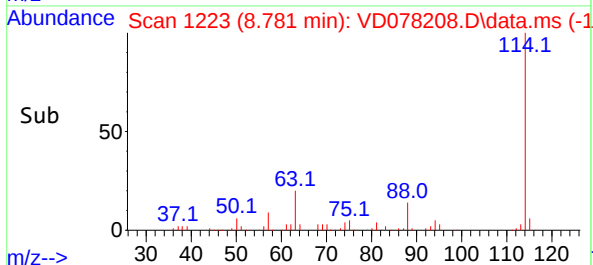
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024

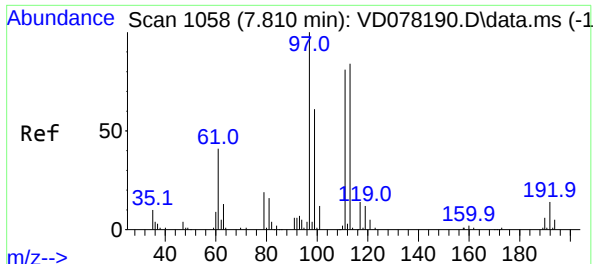


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1223
Delta R.T. 0.000 min
Lab File: VD078208.D
Acq: 23 Jan 2024 15:14



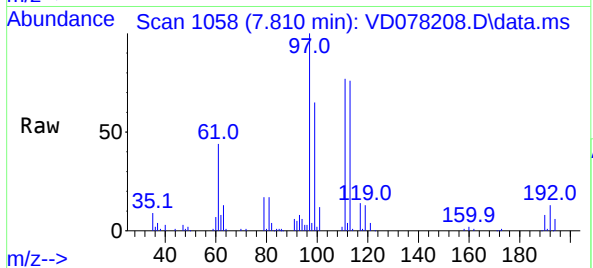
Tgt Ion:114 Resp: 231718
Ion Ratio Lower Upper
114 100
63 19.6 0.0 33.4
88 14.0 0.0 26.2





#35
Dibromofluoromethane
Concen: 49.455 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VD078208.D
Acq: 23 Jan 2024 15:14

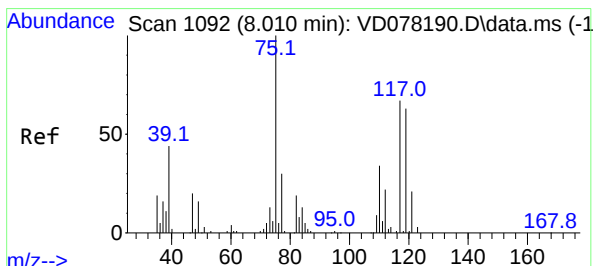
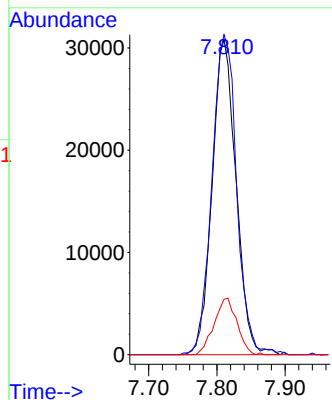
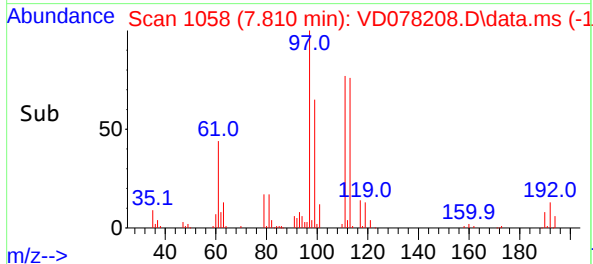
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2024



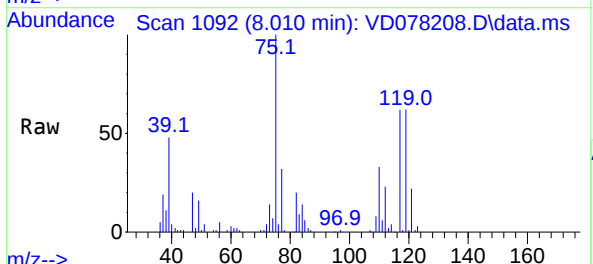
Tgt Ion: 113 Resp: 75419
Ion Ratio Lower Upper
113 100
111 103.7 84.7 127.1
192 17.1 16.8 25.2

Manual Integrations
APPROVED

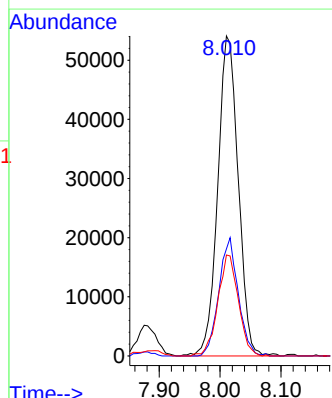
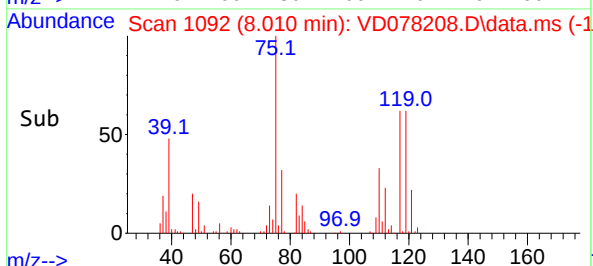
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024

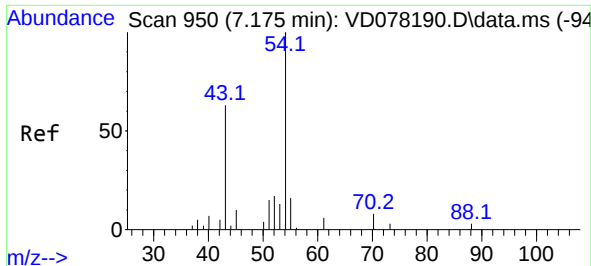


#36
1,1-Dichloropropene
Concen: 50.521 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VD078208.D
Acq: 23 Jan 2024 15:14



Tgt Ion: 75 Resp: 126699
Ion Ratio Lower Upper
75 100
110 35.0 19.9 59.6
77 31.6 24.7 37.1





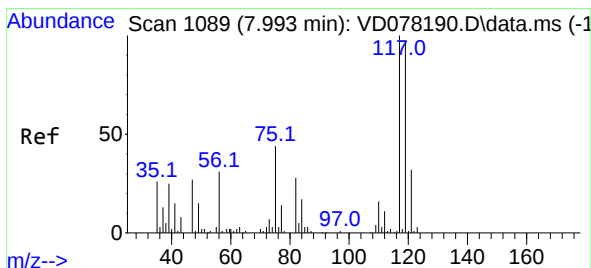
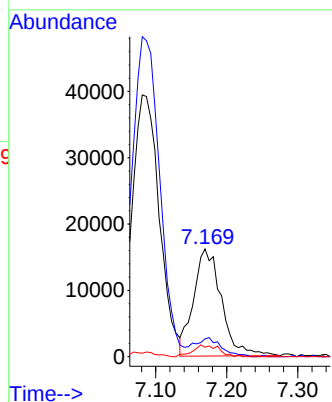
#37
Ethyl Acetate
Concen: 47.061 ug/l
RT: 7.169 min Scan# 949
Delta R.T. -0.006 min
Lab File: VD078208.D
Acq: 23 Jan 2024 15:14

Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2024

Tgt Ion: 43 Resp: 43930
Ion Ratio Lower Upper
43 100
61 16.4 14.9 22.3
70 10.2 10.0 15.0

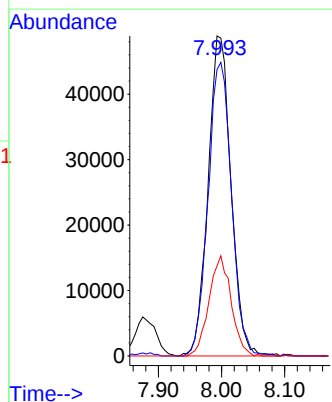
Manual Integrations
APPROVED

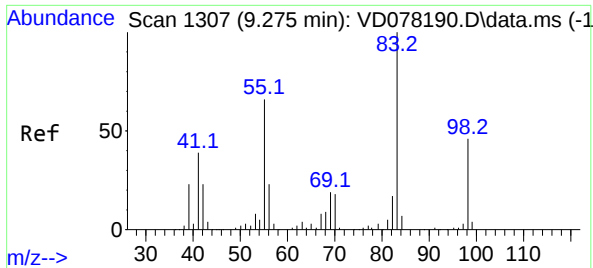
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#38
Carbon Tetrachloride
Concen: 49.743 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD078208.D
Acq: 23 Jan 2024 15:14

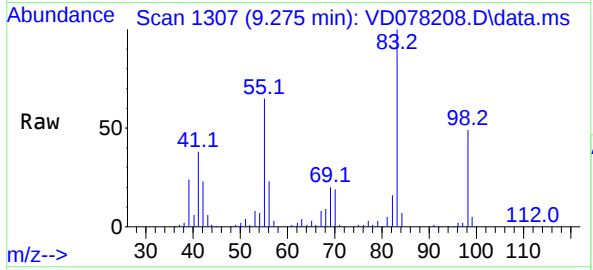
Tgt Ion:117 Resp: 123204
Ion Ratio Lower Upper
117 100
119 89.4 78.0 117.0
121 28.1 24.2 36.2





#39
Methylcyclohexane
Concen: 50.862 ug/l
RT: 9.275 min Scan# 1137
Delta R.T. 0.000 min
Lab File: VD078208.D
Acq: 23 Jan 2024 15:14

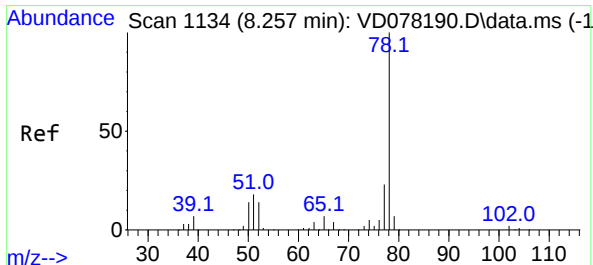
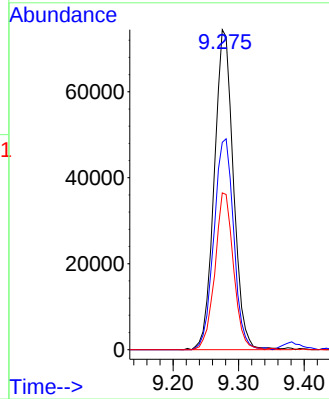
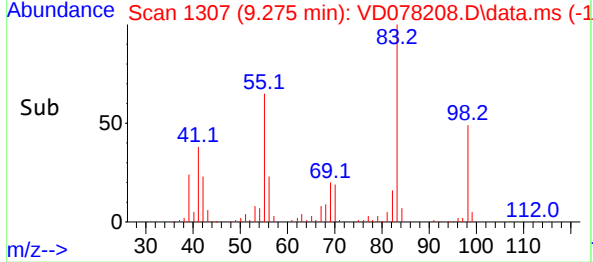
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2024



Tgt Ion: 83 Resp: 15084
Ion Ratio Lower Upper
83 100
55 64.8 49.4 74.0
98 49.0 38.4 57.6

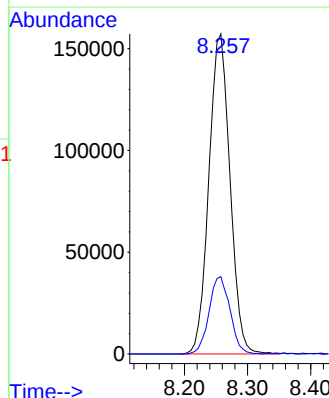
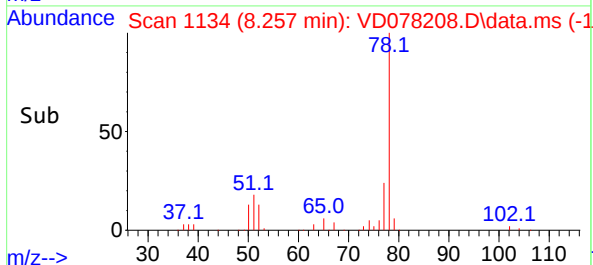
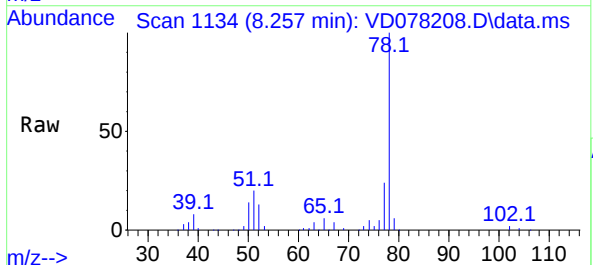
Manual Integrations
APPROVED

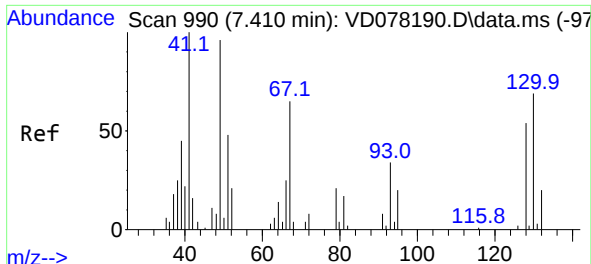
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#40
Benzene
Concen: 51.325 ug/l
RT: 8.257 min Scan# 1134
Delta R.T. 0.000 min
Lab File: VD078208.D
Acq: 23 Jan 2024 15:14

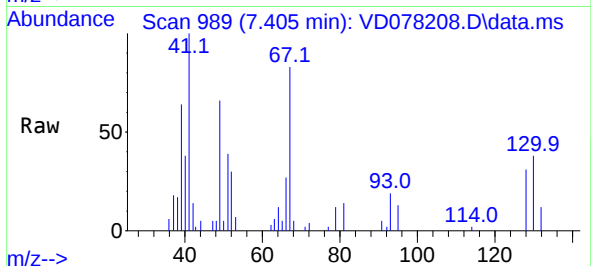
Tgt Ion: 78 Resp: 365266
Ion Ratio Lower Upper
78 100
77 24.1 19.4 29.0





#41
Methacrylonitrile
Concen: 45.734 ug/l
RT: 7.405 min Scan# 911
Delta R.T. -0.006 min
Lab File: VD078208.D
Acq: 23 Jan 2024 15:14

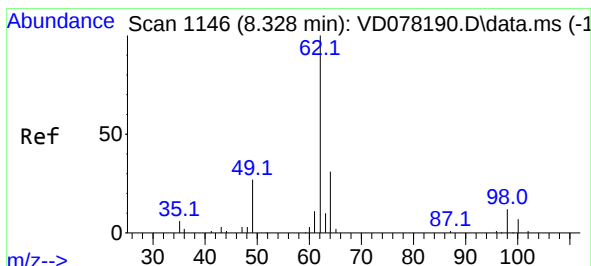
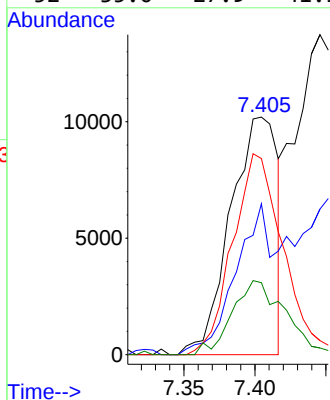
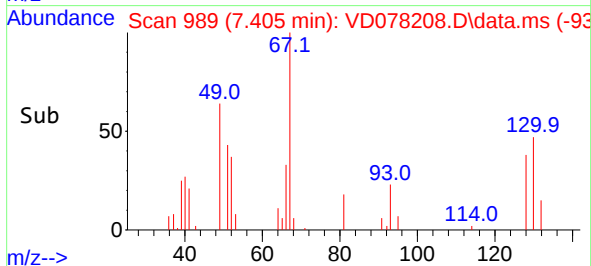
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2024



Tgt Ion: 41 Resp: 23445
Ion Ratio Lower Upper
41 100
39 52.4 34.0 51.0
67 90.1 77.0 115.4
52 35.0 27.9 41.9

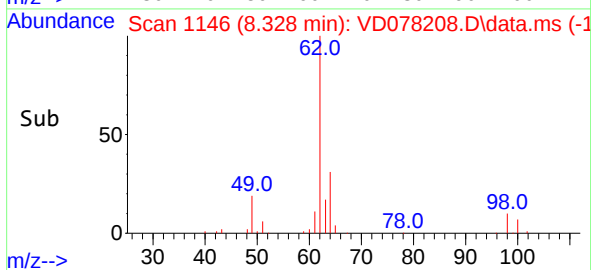
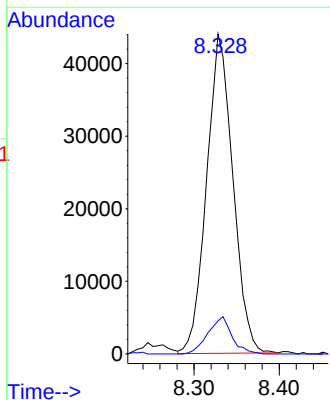
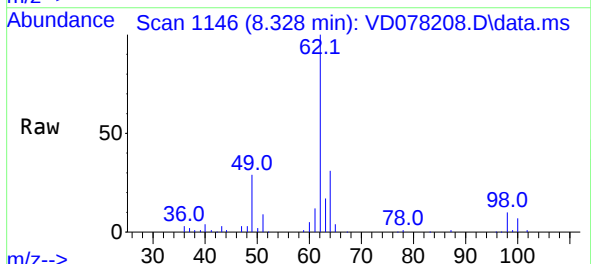
Manual Integrations
APPROVED

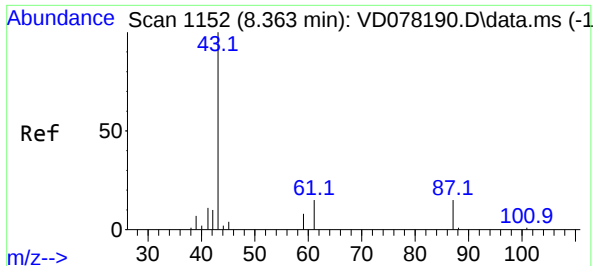
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#42
1,2-Dichloroethane
Concen: 50.926 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078208.D
Acq: 23 Jan 2024 15:14

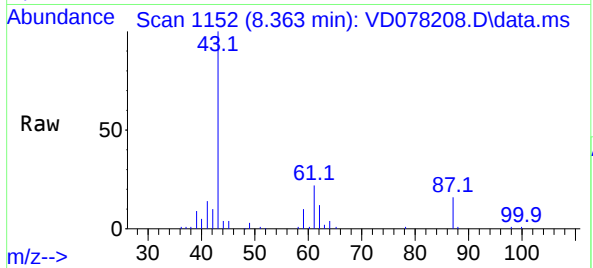
Tgt Ion: 62 Resp: 94299
Ion Ratio Lower Upper
62 100
98 10.6 0.0 25.4





#43
Isopropyl Acetate
Concen: 49.115 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD078208.D
Acq: 23 Jan 2024 15:14

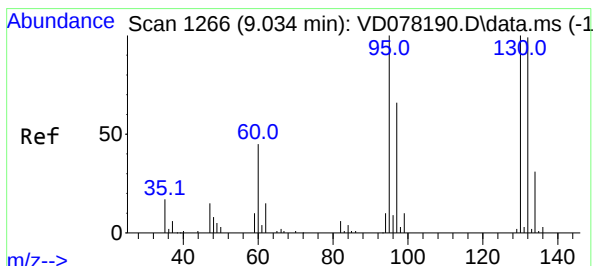
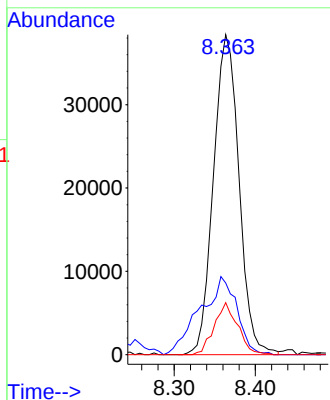
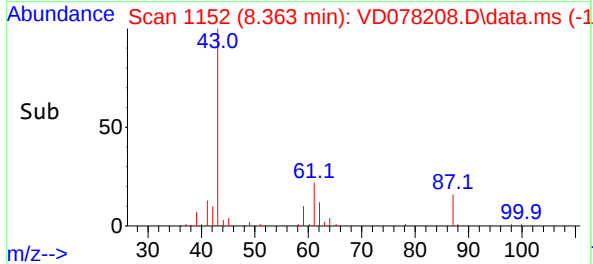
Instrument : MSVOA_D
ClientSampleId : VD078208.D
LOQ-SOIL-02-QT1-2024



Tgt Ion: 43 Resp: 84008
Ion Ratio Lower Upper
43 100
61 35.2 31.4 47.0
87 15.0 14.9 22.3

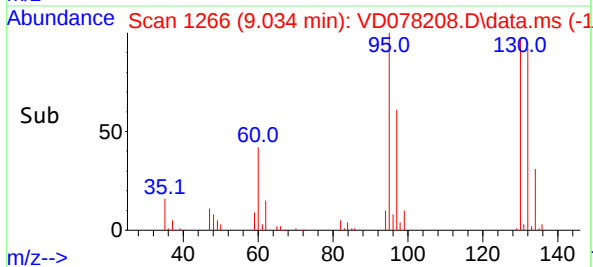
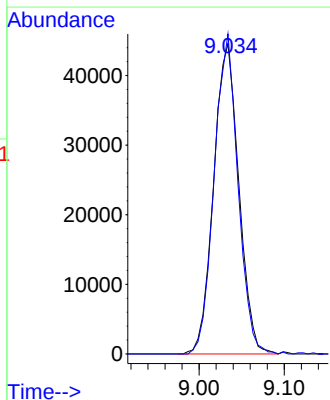
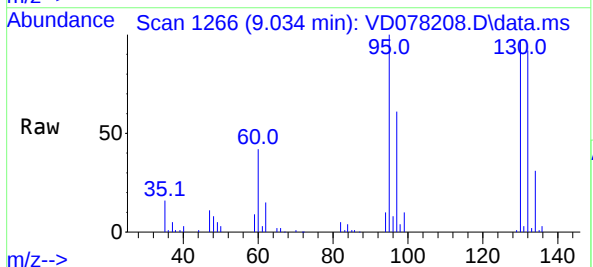
Manual Integrations
APPROVED

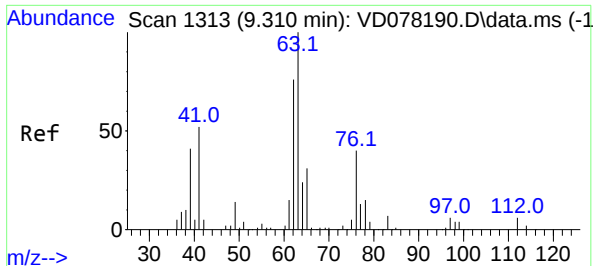
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#44
Trichloroethene
Concen: 50.339 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.000 min
Lab File: VD078208.D
Acq: 23 Jan 2024 15:14

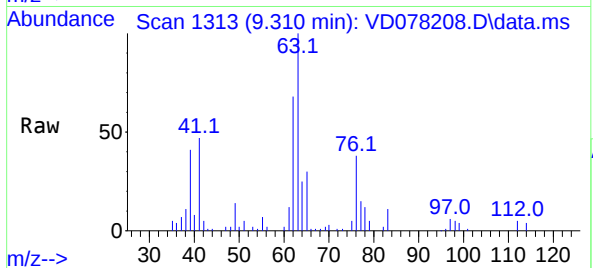
Tgt Ion:130 Resp: 91651
Ion Ratio Lower Upper
130 100
95 103.1 0.0 179.2





#45
1,2-Dichloropropane
Concen: 50.957 ug/l
RT: 9.310 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VD078208.D
Acq: 23 Jan 2024 15:14

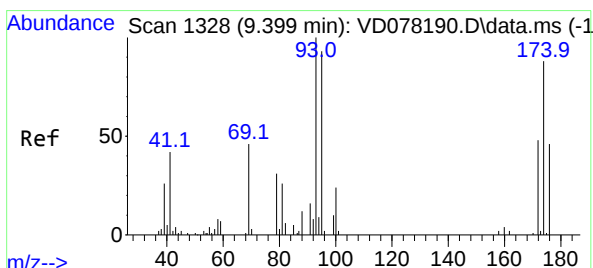
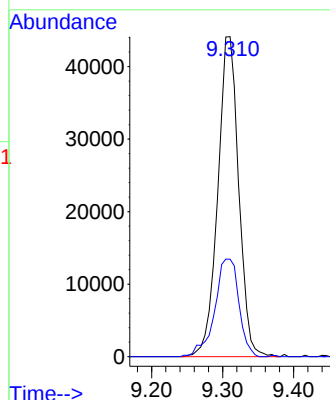
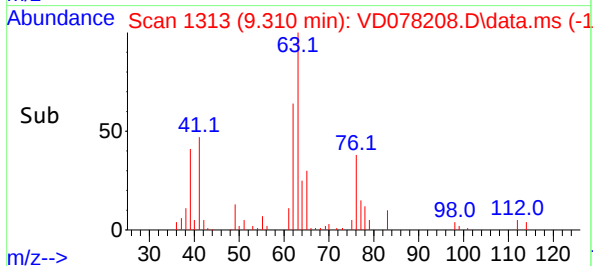
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2024



Tgt Ion: 63 Resp: 8998
Ion Ratio Lower Upper
63 100
65 30.4 24.5 36.7

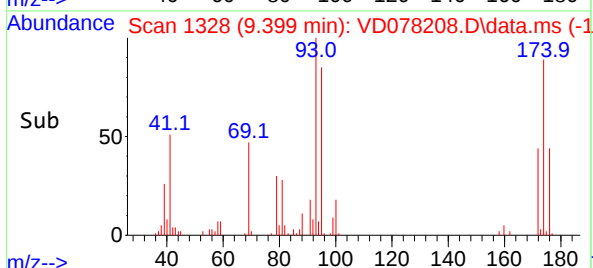
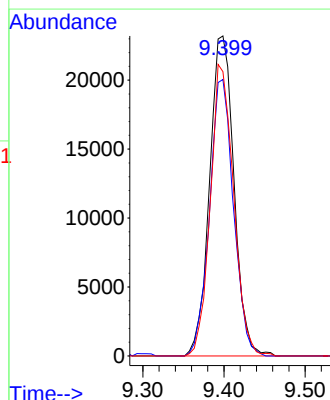
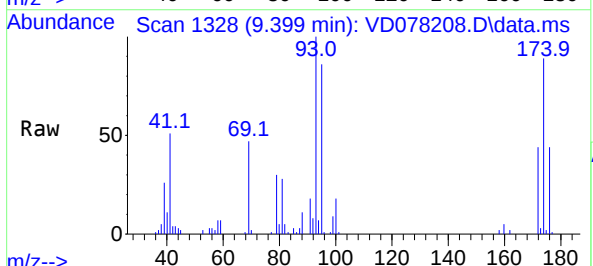
Manual Integrations
APPROVED

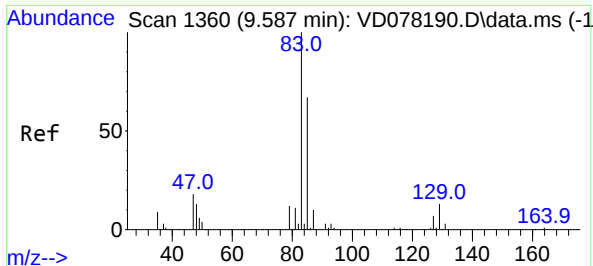
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#46
Dibromomethane
Concen: 49.941 ug/l
RT: 9.399 min Scan# 1328
Delta R.T. 0.000 min
Lab File: VD078208.D
Acq: 23 Jan 2024 15:14

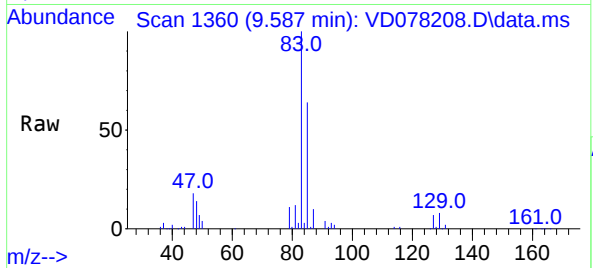
Tgt Ion: 93 Resp: 48433
Ion Ratio Lower Upper
93 100
95 85.1 67.7 101.5
174 86.9 85.4 128.2





#47
Bromodichloromethane
Concen: 50.678 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD078208.D
Acq: 23 Jan 2024 15:14

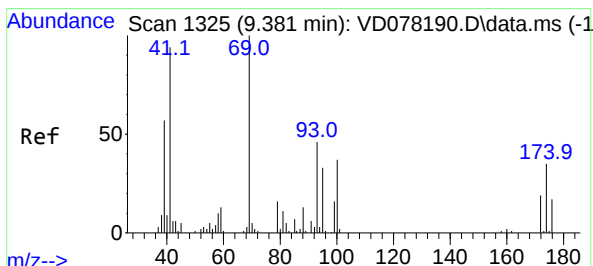
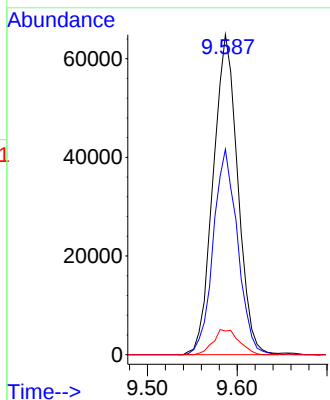
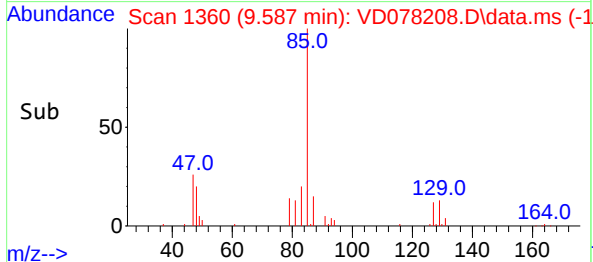
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2024



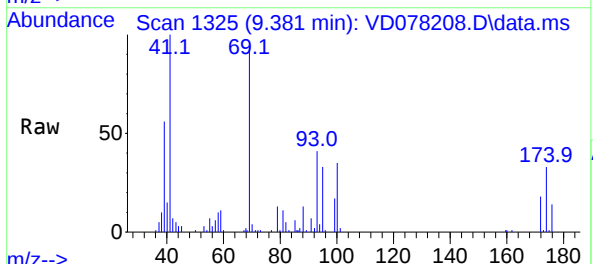
Tgt Ion: 83 Resp: 123456
Ion Ratio Lower Upper
83 100
85 64.2 50.2 75.4
127 7.4 6.3 9.5

Manual Integrations
APPROVED

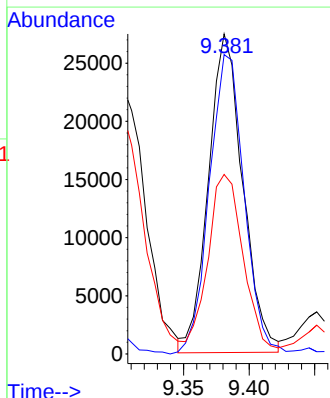
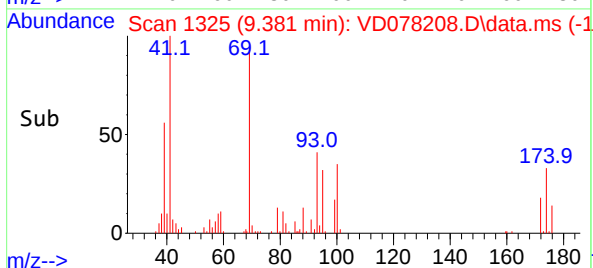
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024

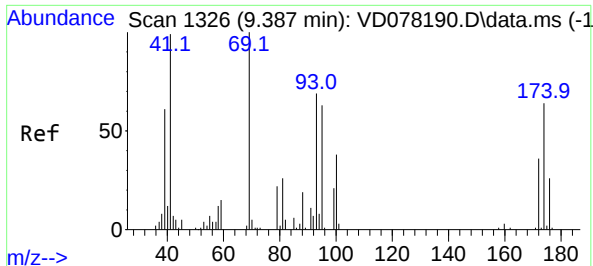


#48
Methyl methacrylate
Concen: 50.371 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD078208.D
Acq: 23 Jan 2024 15:14



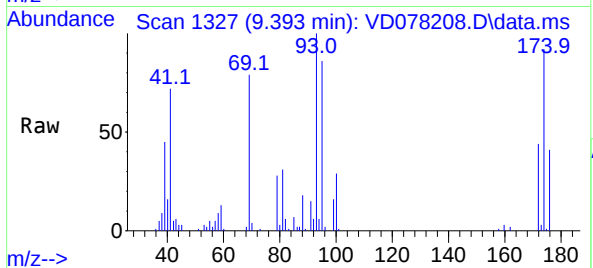
Tgt Ion: 41 Resp: 49880
Ion Ratio Lower Upper
41 100
69 95.5 102.2 153.2#
39 53.9 41.4 62.2





#49
1,4-Dioxane
Concen: 902.395 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. 0.006 min
Lab File: VD078208.D
Acq: 23 Jan 2024 15:14

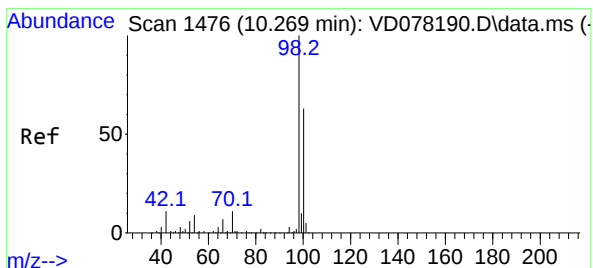
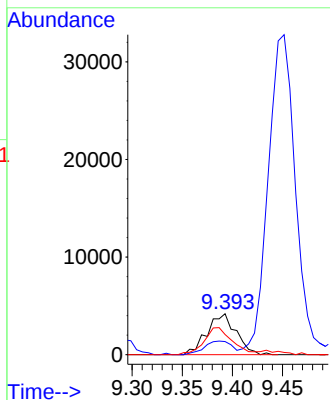
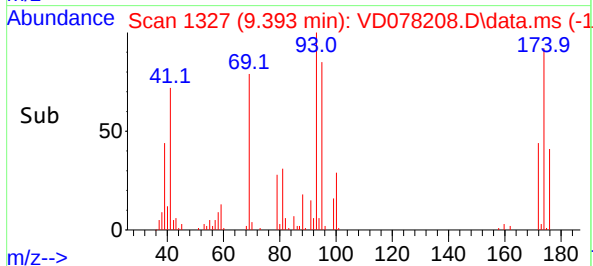
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2024



Tgt Ion: 88 Resp: 846
Ion Ratio Lower Upper
88 100
43 31.5 19.0 28.6
58 63.7 43.5 65.3

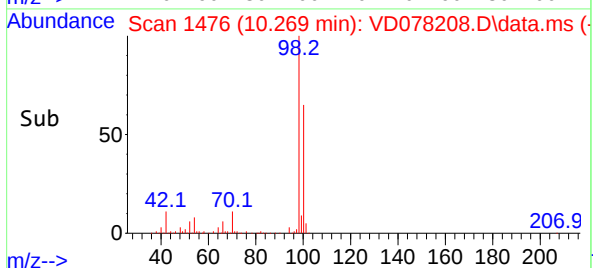
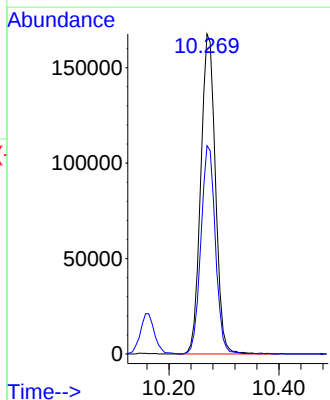
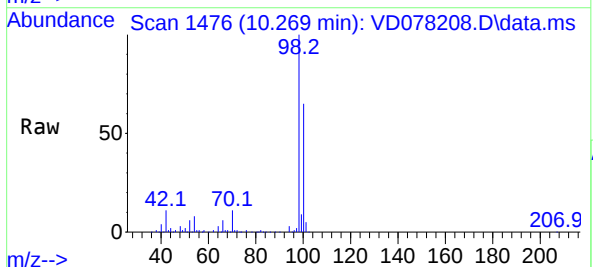
Manual Integrations
APPROVED

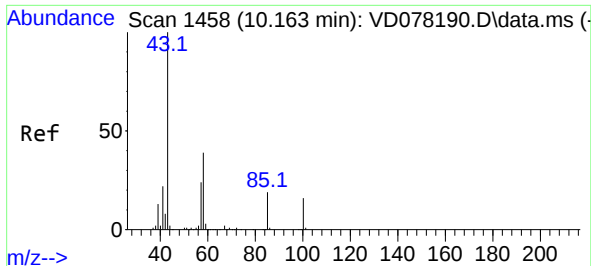
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#50
Toluene-d8
Concen: 51.301 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078208.D
Acq: 23 Jan 2024 15:14

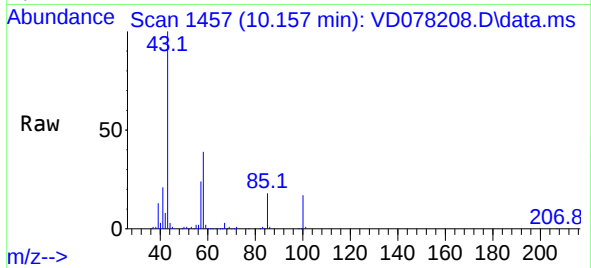
Tgt Ion: 98 Resp: 309783
Ion Ratio Lower Upper
98 100
100 64.4 50.3 75.5





#51
4-Methyl-2-Pentanone
Concen: 249.863 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VD078208.D
Acq: 23 Jan 2024 15:14

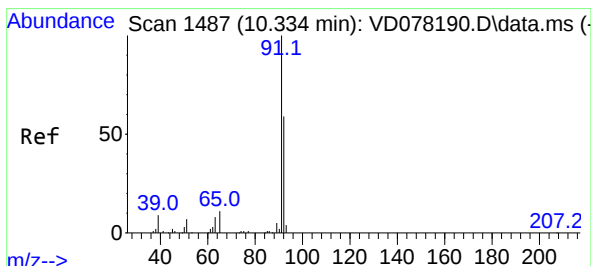
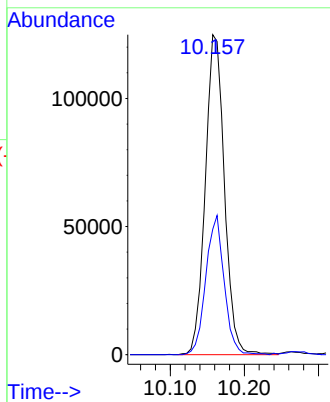
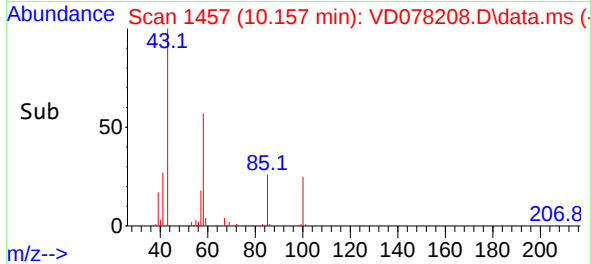
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2024



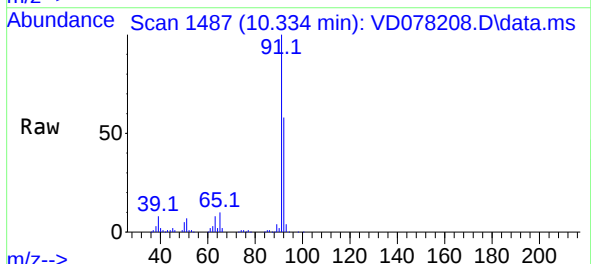
Tgt Ion: 43 Resp: 22457
Ion Ratio Lower Upper
43 100
58 41.6 38.9 58.3

Manual Integrations
APPROVED

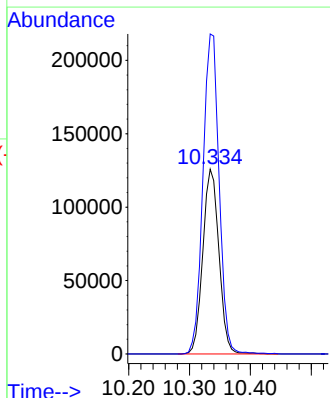
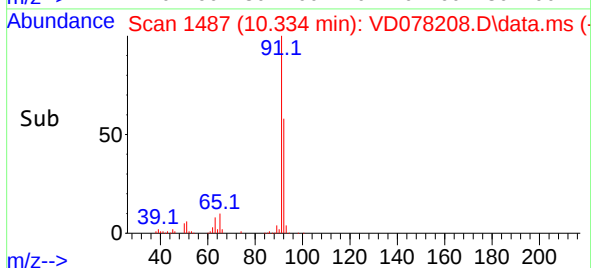
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024

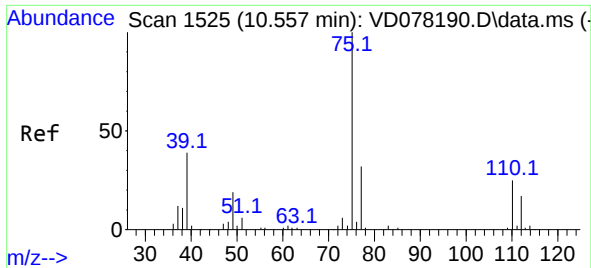


#52
Toluene
Concen: 51.390 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078208.D
Acq: 23 Jan 2024 15:14



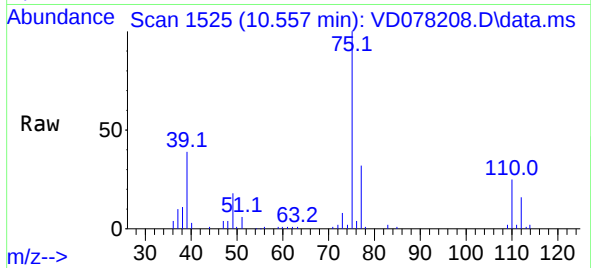
Tgt Ion: 92 Resp: 231823
Ion Ratio Lower Upper
92 100
91 173.7 143.0 214.4





#53
t-1,3-Dichloropropene
Concen: 50.997 ug/l
RT: 10.557 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078208.D
Acq: 23 Jan 2024 15:14

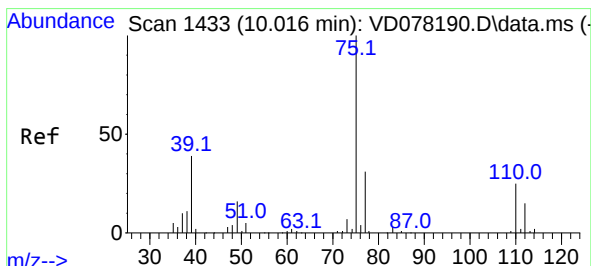
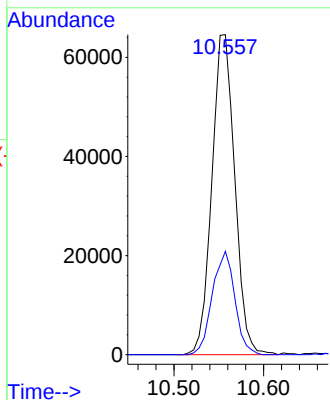
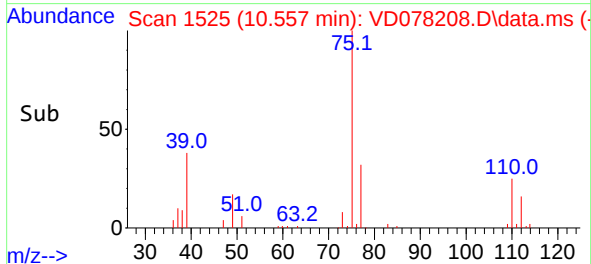
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2024



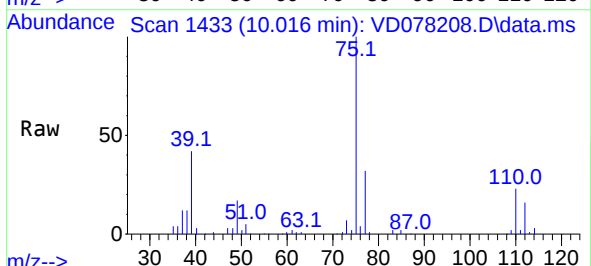
Tgt Ion: 75 Resp: 114614
Ion Ratio Lower Upper
75 100
77 32.3 25.3 37.9

Manual Integrations
APPROVED

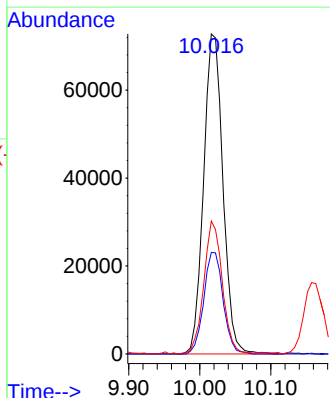
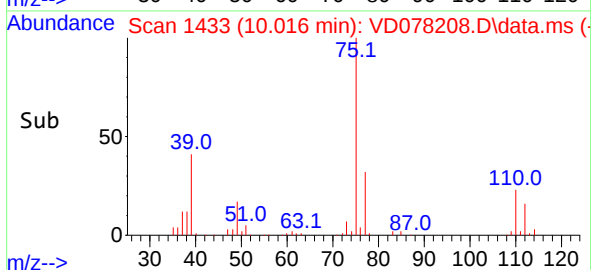
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024

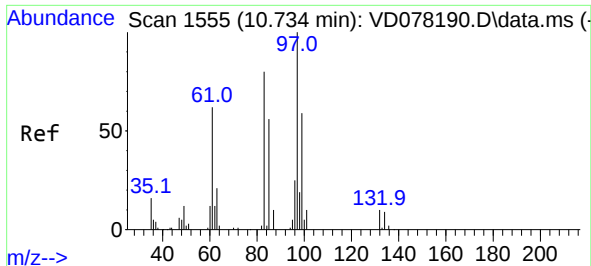


#54
cis-1,3-Dichloropropene
Concen: 51.143 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD078208.D
Acq: 23 Jan 2024 15:14



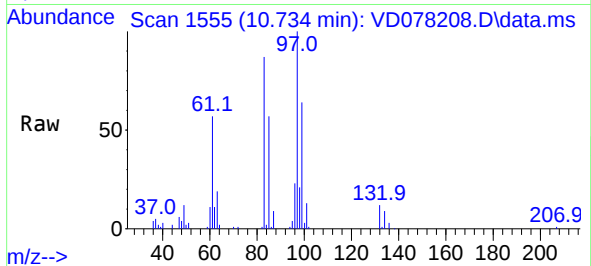
Tgt Ion: 75 Resp: 137793
Ion Ratio Lower Upper
75 100
77 31.7 25.5 38.3
39 41.6 22.1 33.1#





#55
1,1,2-Trichloroethane
Concen: 48.807 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD078208.D
Acq: 23 Jan 2024 15:14

Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2024

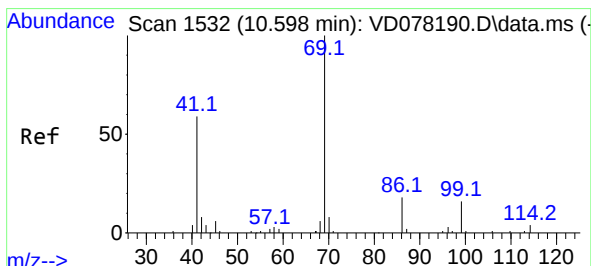
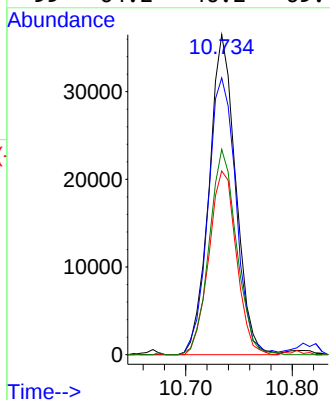
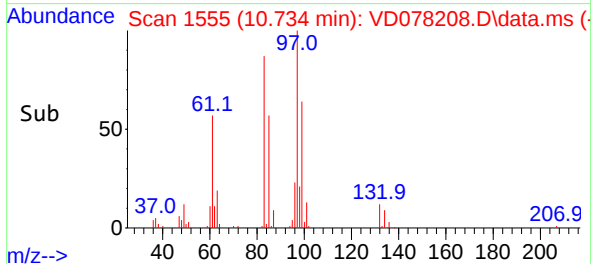


Tgt Ion: 97 Resp: 63336

Ion	Ratio	Lower	Upper
97	100		
83	86.5	65.8	98.6
85	57.4	45.7	68.5
99	64.2	46.2	69.4

Manual Integrations
APPROVED

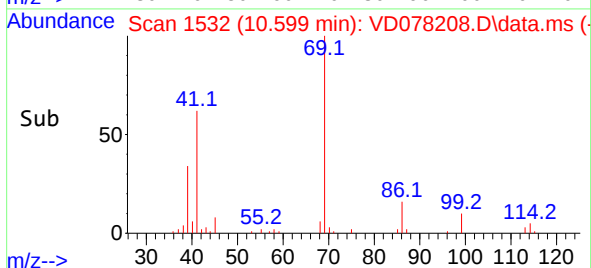
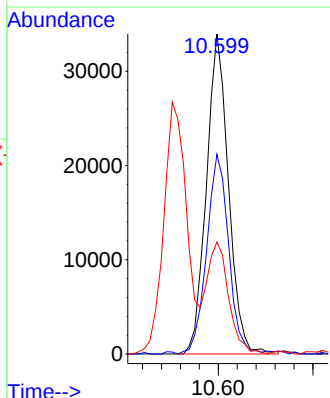
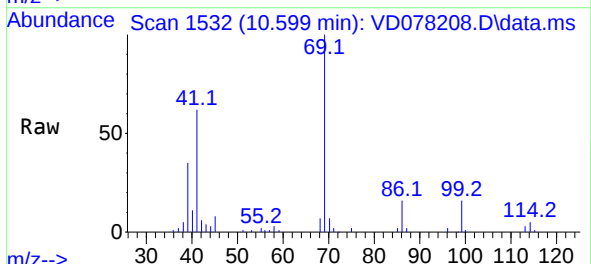
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024

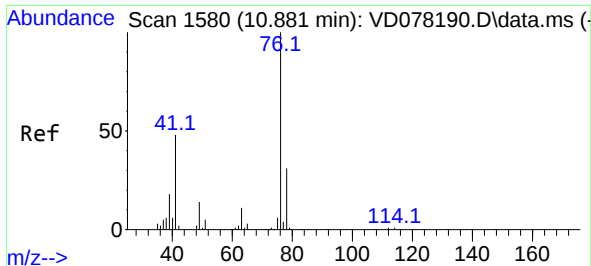


#56
Ethyl methacrylate
Concen: 51.688 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD078208.D
Acq: 23 Jan 2024 15:14

Tgt Ion: 69 Resp: 54908

Ion	Ratio	Lower	Upper
69	100		
41	62.0	39.1	58.7#
39	34.0	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 50.722 ug/l

RT: 10.881 min Scan# 11256

Delta R.T. 0.000 min

Lab File: VD078208.D

Acq: 23 Jan 2024 15:14

Instrument :

MSVOA_D

ClientSampleId :

LOQ-SOIL-02-QT1-2024

Tgt Ion: 76 Resp: 11256

Ion Ratio Lower Upper

76 100

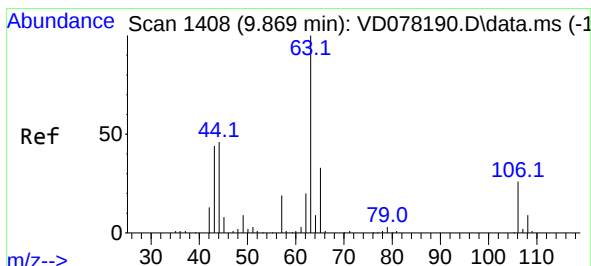
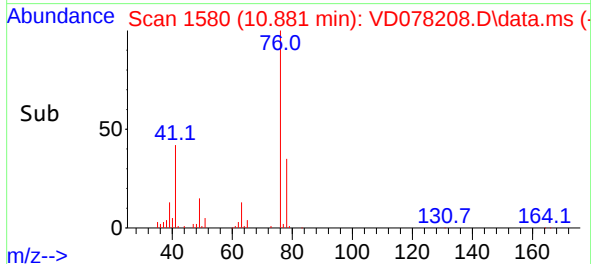
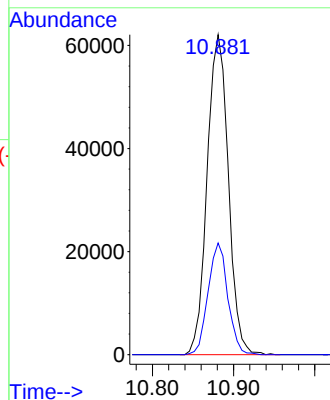
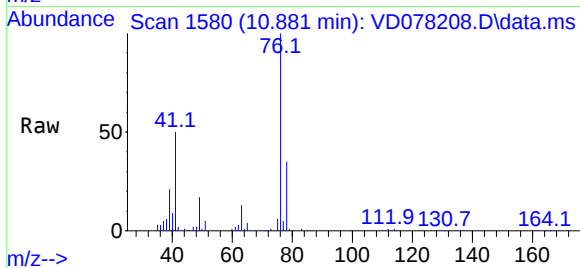
78 32.4 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/25/2024

Supervised By :Semsettin Yesilyurt 01/25/2024



#58

2-Chloroethyl Vinyl ether

Concen: 265.072 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078208.D

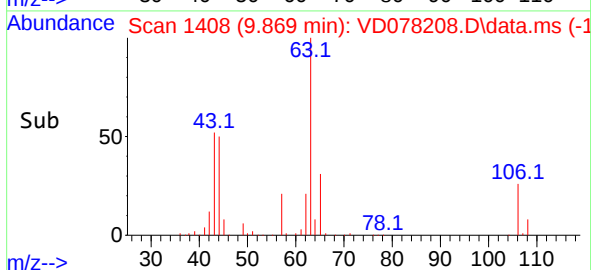
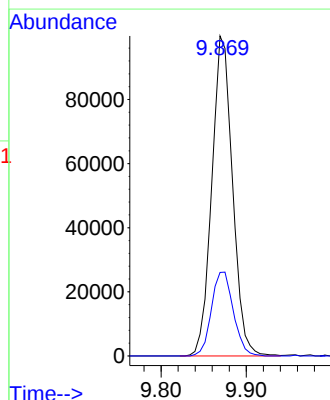
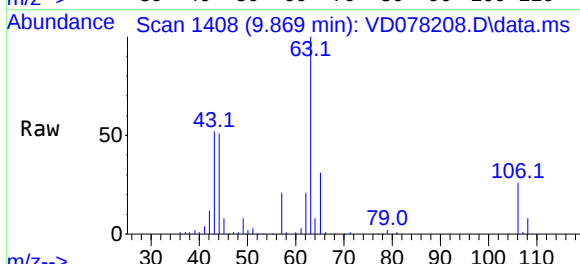
Acq: 23 Jan 2024 15:14

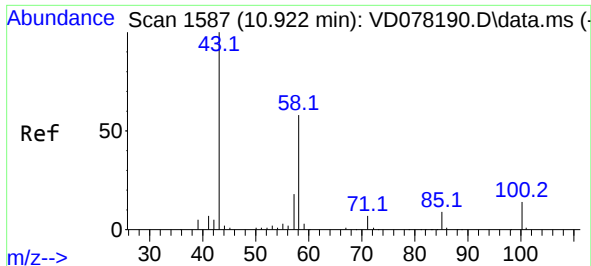
Tgt Ion: 63 Resp: 168744

Ion Ratio Lower Upper

63 100

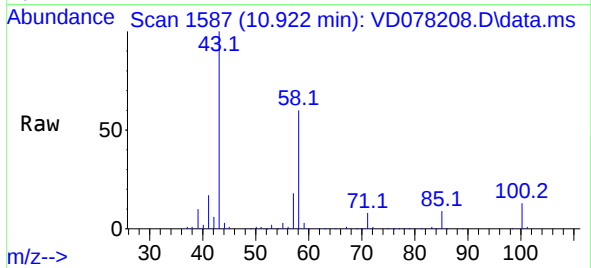
106 27.7 25.3 37.9





#59
2-Hexanone
Concen: 219.997 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078208.D
Acq: 23 Jan 2024 15:14

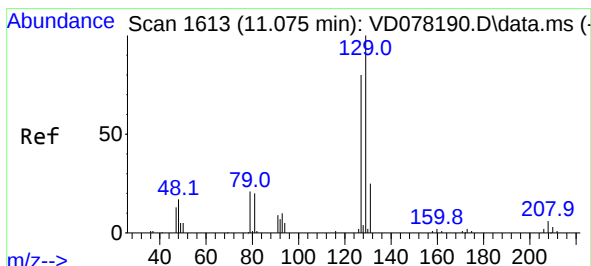
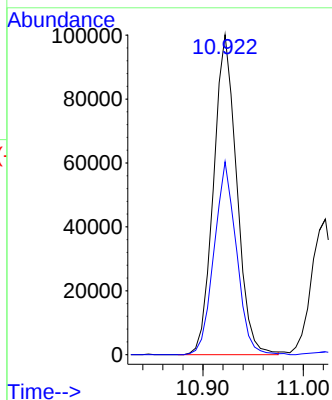
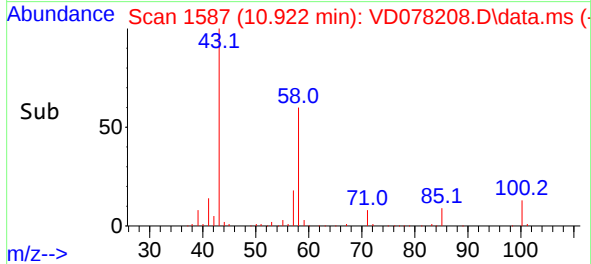
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2024



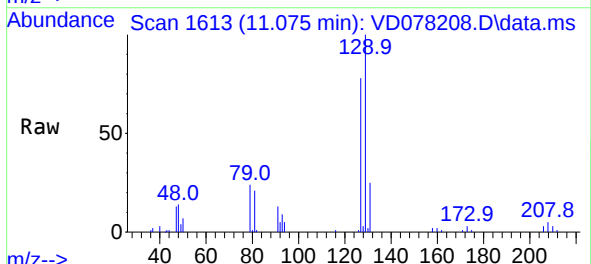
Tgt Ion: 43 Resp: 160682
Ion Ratio Lower Upper
43 100
58 58.3 34.1 102.2

Manual Integrations
APPROVED

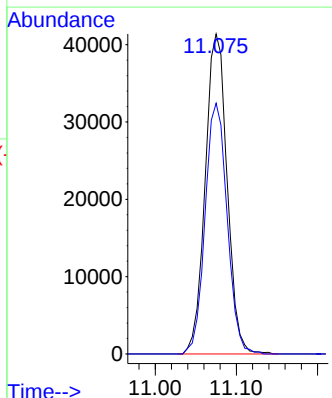
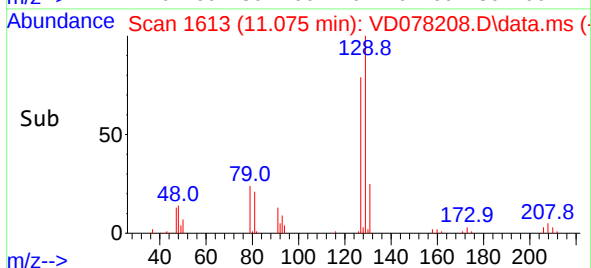
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024

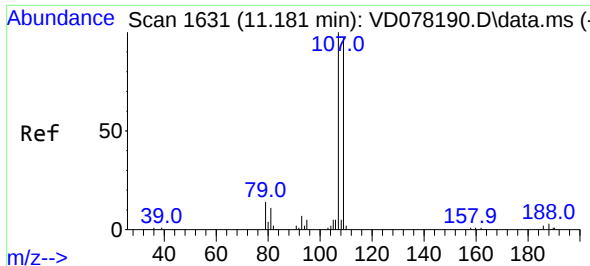


#60
Dibromochloromethane
Concen: 50.608 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078208.D
Acq: 23 Jan 2024 15:14



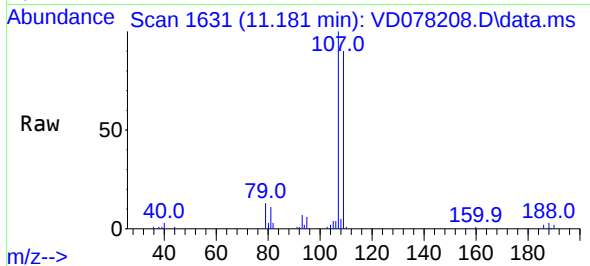
Tgt Ion:129 Resp: 77429
Ion Ratio Lower Upper
129 100
127 78.9 37.1 111.5





#61
1,2-Dibromoethane
Concen: 50.728 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD078208.D
Acq: 23 Jan 2024 15:14

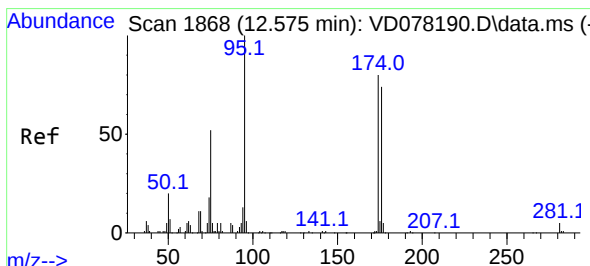
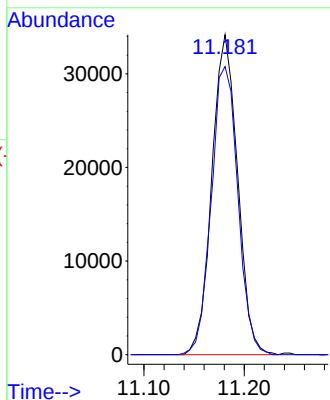
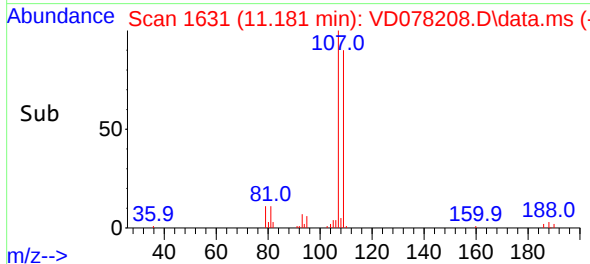
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2024



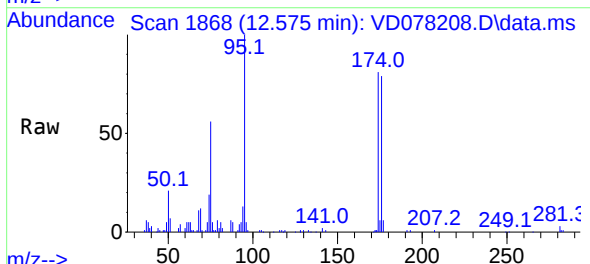
Tgt Ion:107 Resp: 60680
Ion Ratio Lower Upper
107 100
109 93.3 75.6 113.4

Manual Integrations
APPROVED

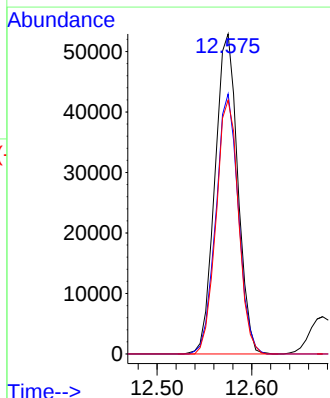
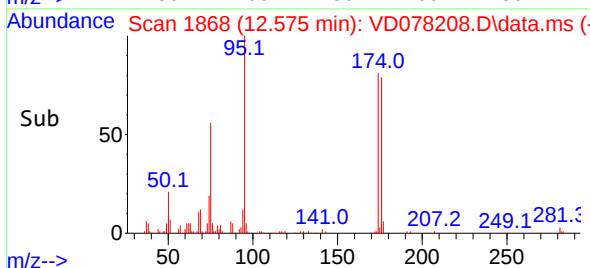
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024

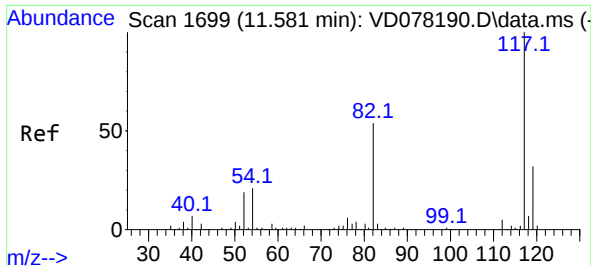


#62
4-Bromofluorobenzene
Concen: 50.615 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078208.D
Acq: 23 Jan 2024 15:14



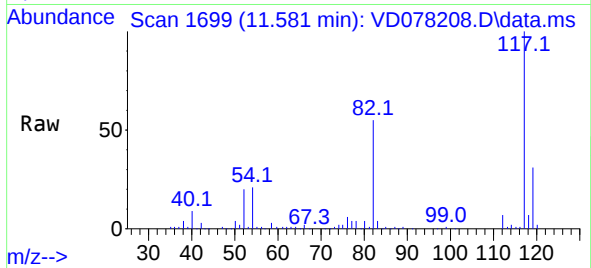
Tgt Ion: 95 Resp: 88636
Ion Ratio Lower Upper
95 100
174 79.9 0.0 201.8
176 77.4 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD078208.D
Acq: 23 Jan 2024 15:14

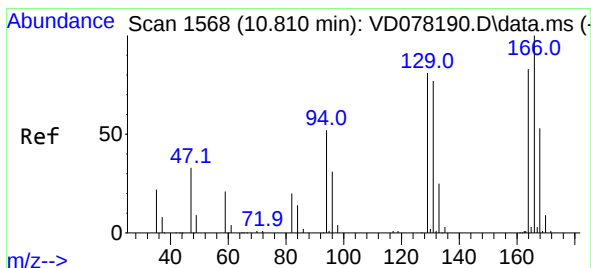
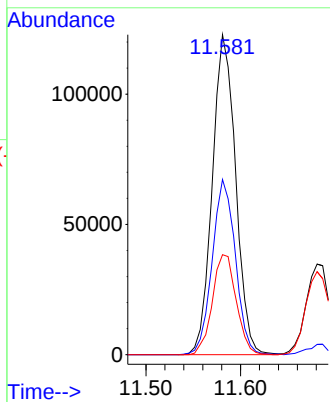
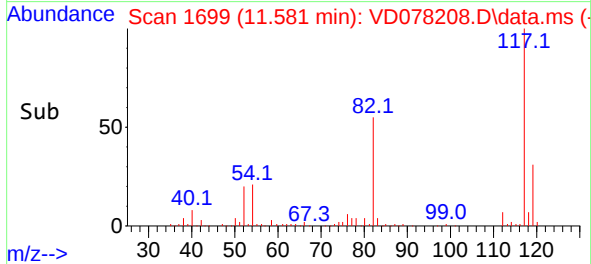
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2024



Tgt Ion:117 Resp: 21047
Ion Ratio Lower Upper
117 100
82 54.8 38.3 57.5
119 31.3 25.0 37.4

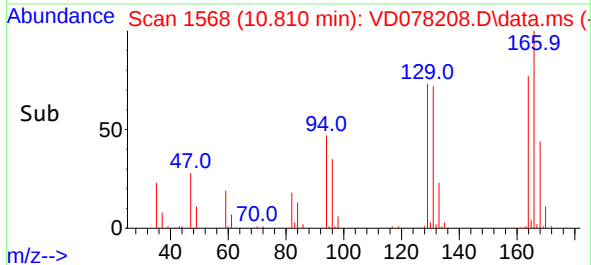
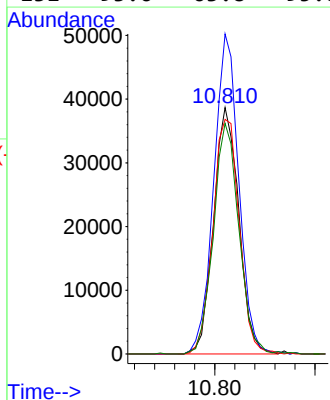
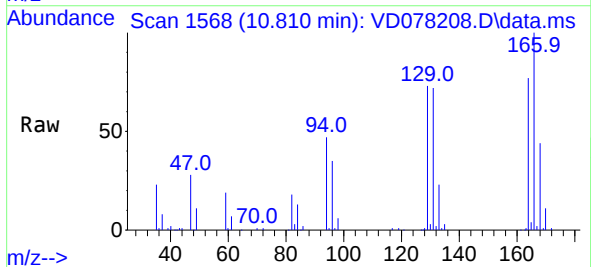
Manual Integrations
APPROVED

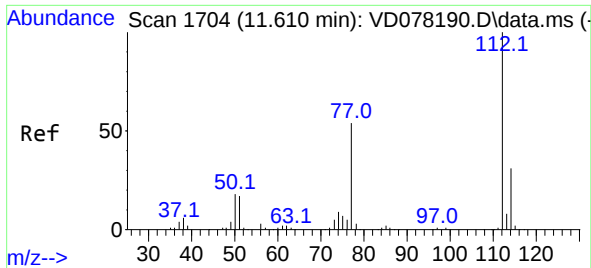
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#64
Tetrachloroethene
Concen: 49.188 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078208.D
Acq: 23 Jan 2024 15:14

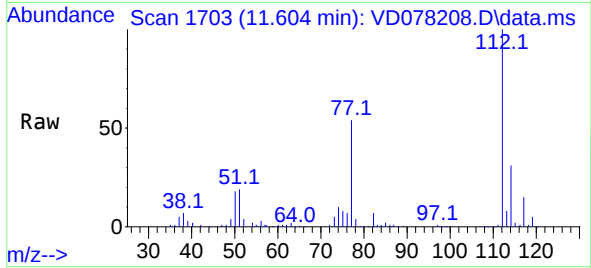
Tgt Ion:164 Resp: 67694
Ion Ratio Lower Upper
164 100
166 129.8 99.2 148.8
129 95.2 68.4 102.6
131 93.6 63.8 95.8





#65
Chlorobenzene
Concen: 51.623 ug/l
RT: 11.604 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078208.D
Acq: 23 Jan 2024 15:14

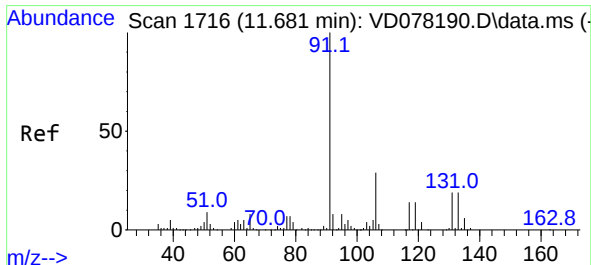
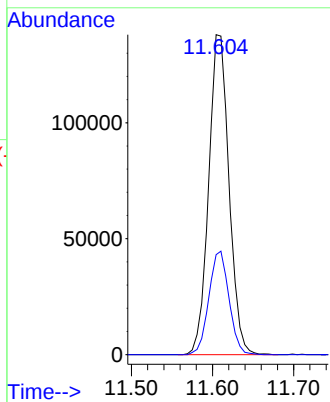
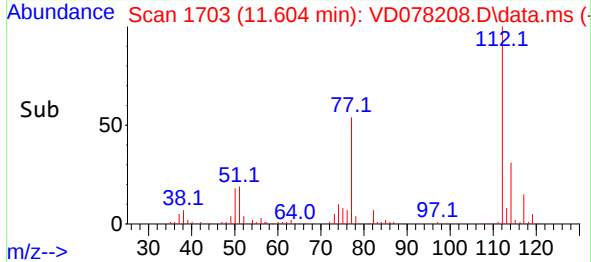
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2024



Tgt Ion:112 Resp: 24002
Ion Ratio Lower Upper
112 100
114 31.3 25.1 37.7

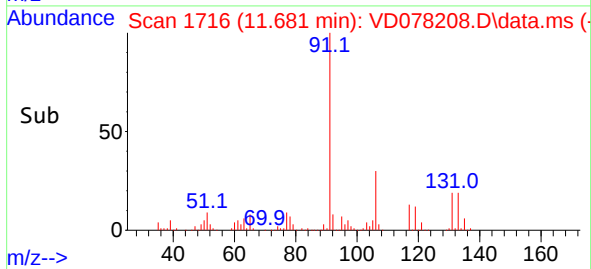
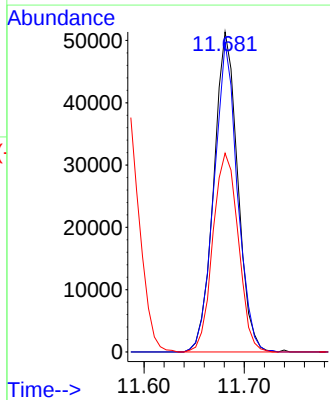
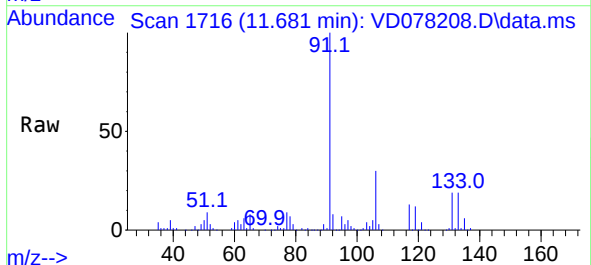
Manual Integrations
APPROVED

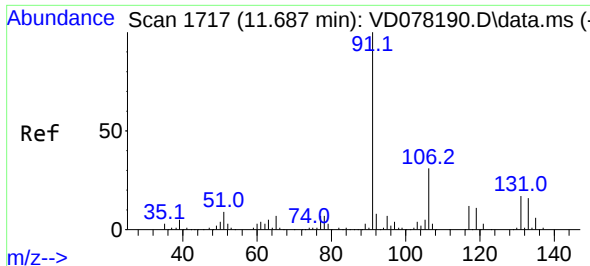
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 51.101 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078208.D
Acq: 23 Jan 2024 15:14

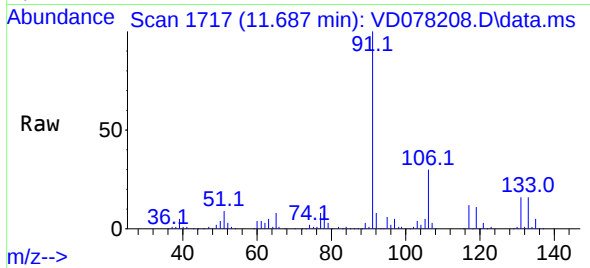
Tgt Ion:131 Resp: 84907
Ion Ratio Lower Upper
131 100
133 94.8 48.5 145.5
119 66.1 35.6 106.9





#67
Ethyl Benzene
Concen: 53.010 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD078208.D
Acq: 23 Jan 2024 15:14

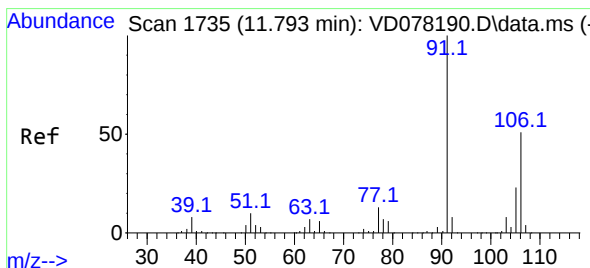
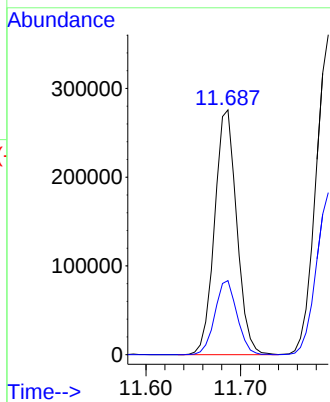
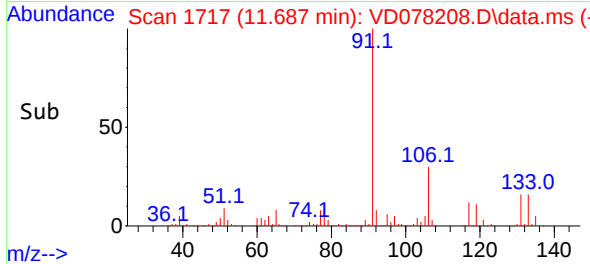
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2024



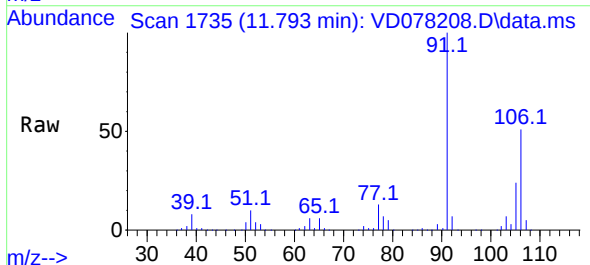
Tgt Ion: 91 Resp: 44852
Ion Ratio Lower Upper
91 100
106 30.2 26.5 39.7

Manual Integrations
APPROVED

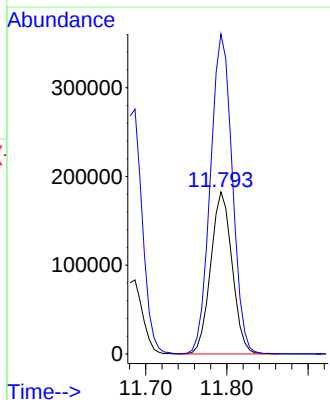
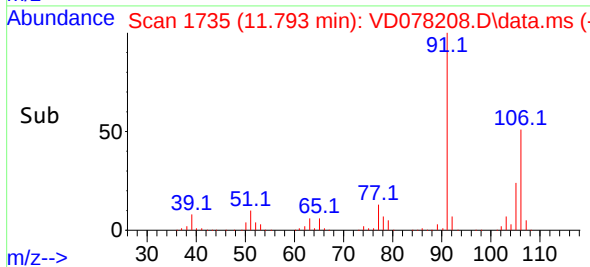
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024

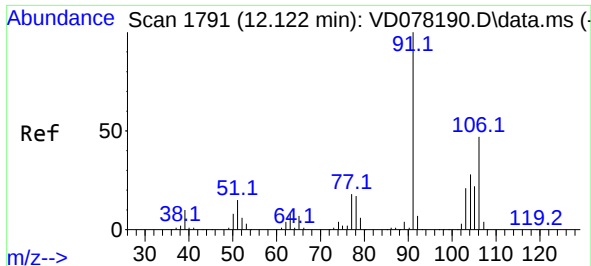


#68
m/p-Xylenes
Concen: 103.582 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078208.D
Acq: 23 Jan 2024 15:14



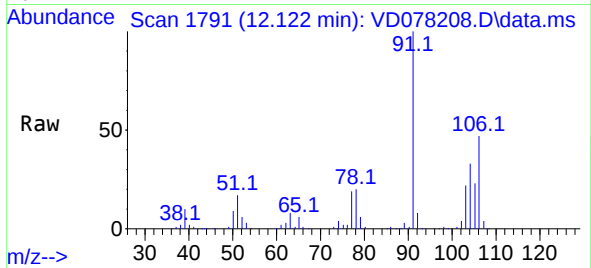
Tgt Ion:106 Resp: 334727
Ion Ratio Lower Upper
106 100
91 202.3 147.0 220.6





#69
o-Xylene
Concen: 52.386 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078208.D
Acq: 23 Jan 2024 15:14

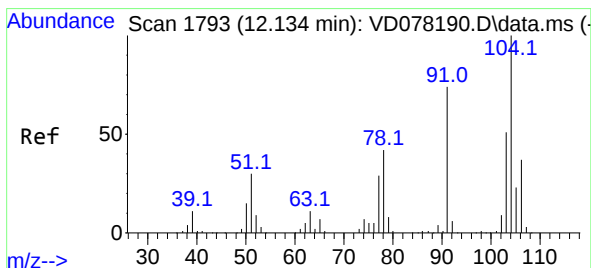
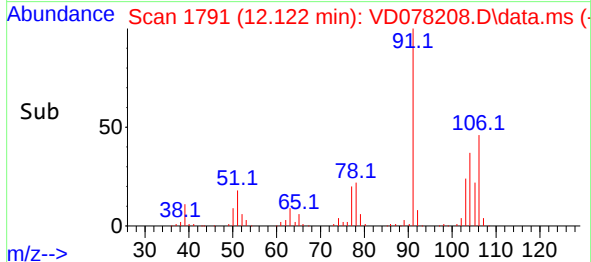
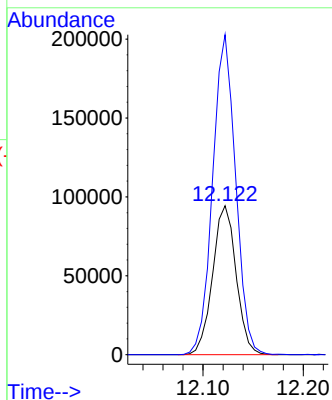
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2024



Tgt Ion:106 Resp: 15363
Ion Ratio Lower Upper
106 100
91 210.2 97.9 293.6

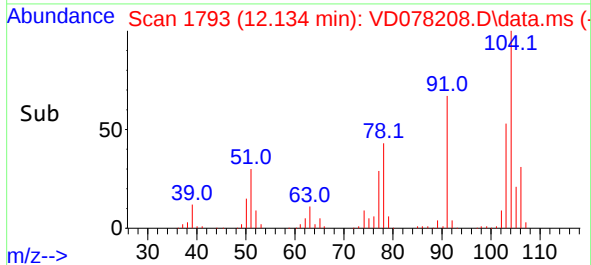
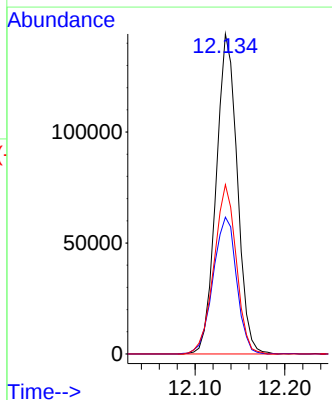
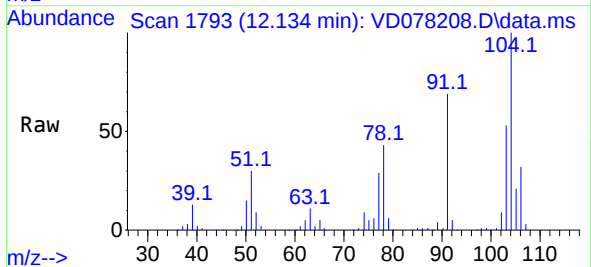
Manual Integrations
APPROVED

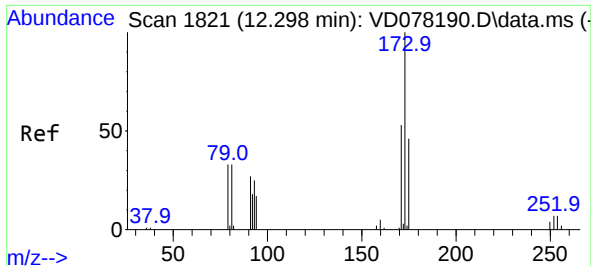
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#70
Styrene
Concen: 53.594 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078208.D
Acq: 23 Jan 2024 15:14

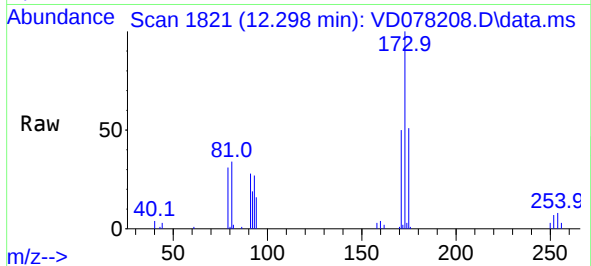
Tgt Ion:104 Resp: 235522
Ion Ratio Lower Upper
104 100
78 47.6 33.2 49.8
103 55.7 43.6 65.4





#71
Bromoform
Concen: 47.877 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD078208.D
Acq: 23 Jan 2024 15:14

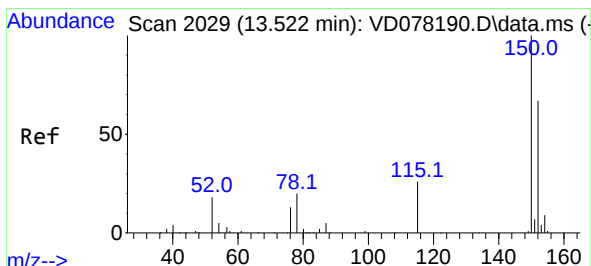
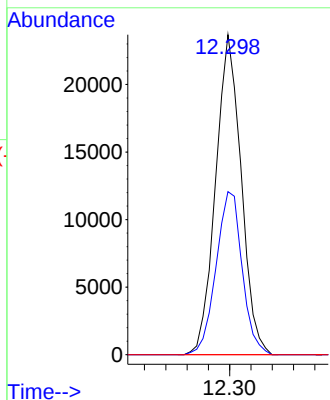
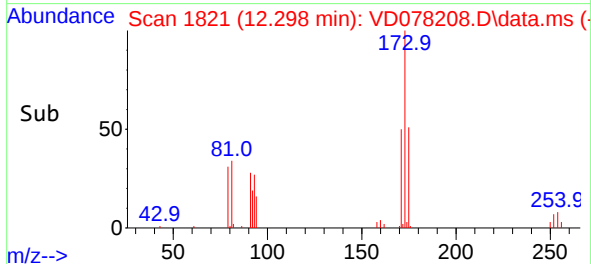
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2024



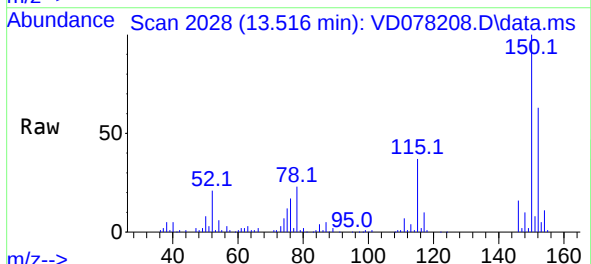
Tgt Ion:173 Resp: 3939
Ion Ratio Lower Upper
173 100
175 52.1 24.6 73.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

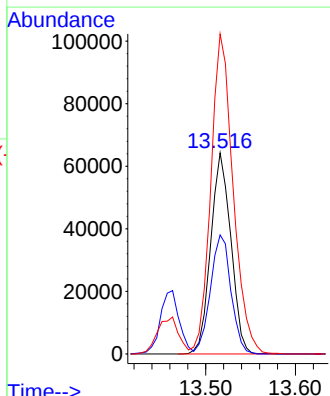
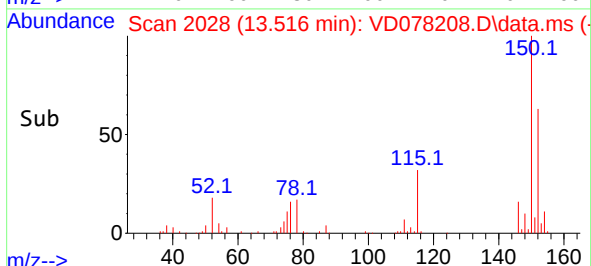
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024

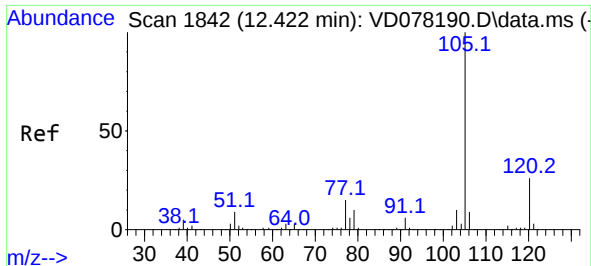


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD078208.D
Acq: 23 Jan 2024 15:14



Tgt Ion:152 Resp: 100383
Ion Ratio Lower Upper
152 100
115 60.1 27.1 81.3
150 175.6 0.0 353.6





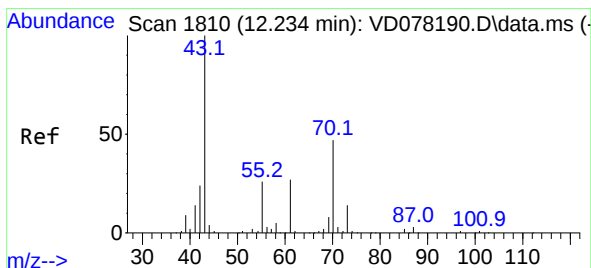
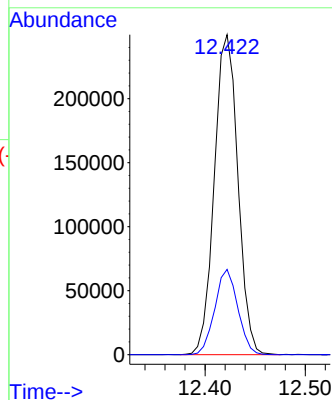
#73
Isopropylbenzene
Concen: 51.658 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078208.D
Acq: 23 Jan 2024 15:14

Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2024

Tgt Ion:105 Resp: 407732
Ion Ratio Lower Upper
105 100
120 26.0 14.3 42.9

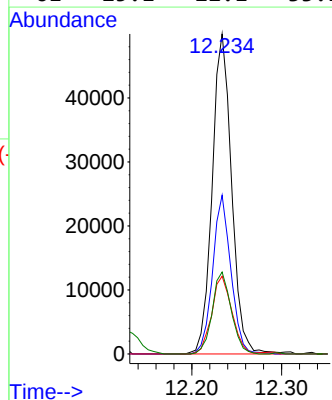
Manual Integrations
APPROVED

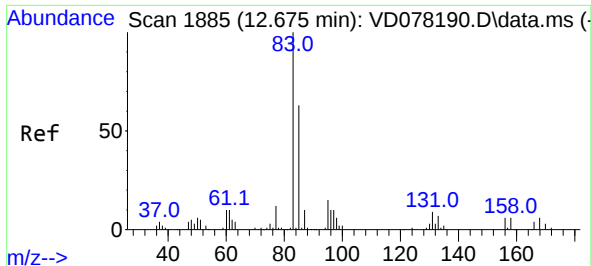
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#74
N-ethyl acetate
Concen: 49.739 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078208.D
Acq: 23 Jan 2024 15:14

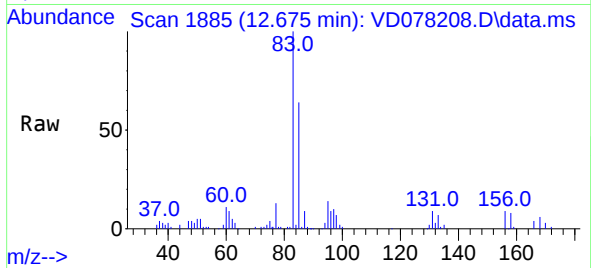
Tgt Ion: 43 Resp: 75109
Ion Ratio Lower Upper
43 100
70 46.7 45.0 67.4
55 25.4 23.8 35.6
61 25.1 22.1 33.1





#75
1,1,2,2-Tetrachloroethane
Concen: 48.450 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD078208.D
Acq: 23 Jan 2024 15:14

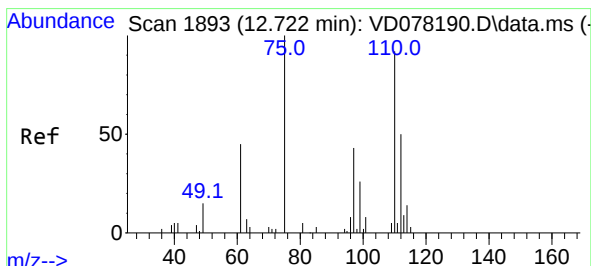
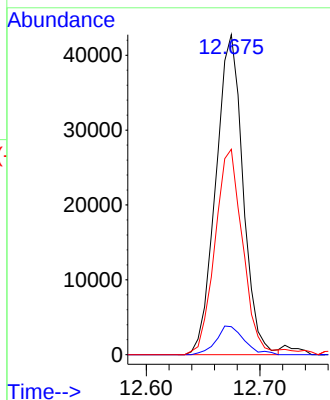
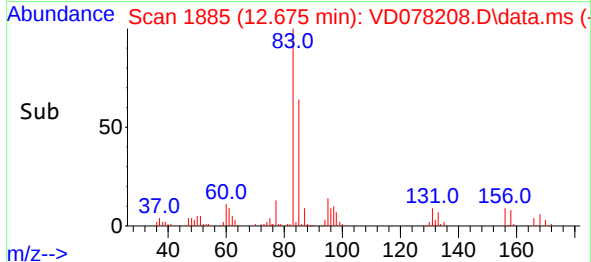
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2024



Tgt Ion: 83 Resp: 71150
Ion Ratio Lower Upper
83 100
131 9.2 5.1 15.3
85 66.7 32.6 97.8

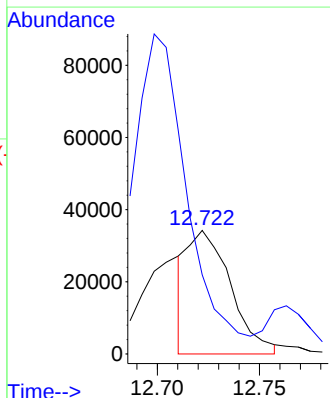
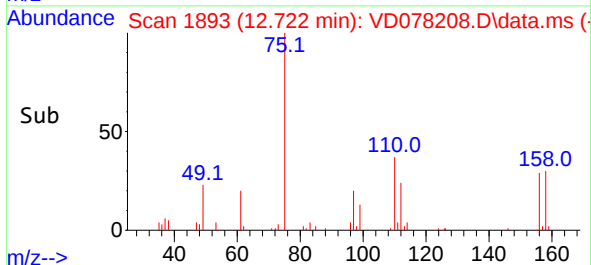
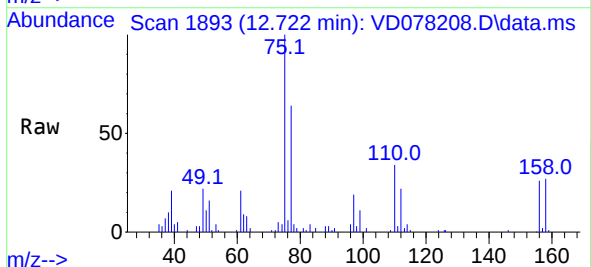
Manual Integrations
APPROVED

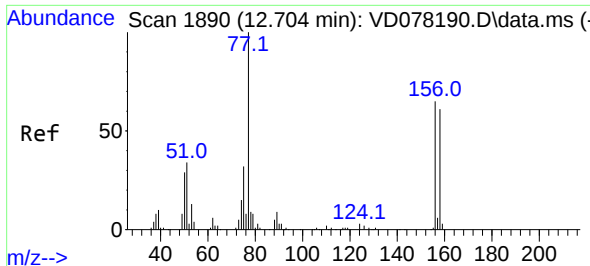
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#76
1,2,3-Trichloropropane
Concen: 52.222 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD078208.D
Acq: 23 Jan 2024 15:14

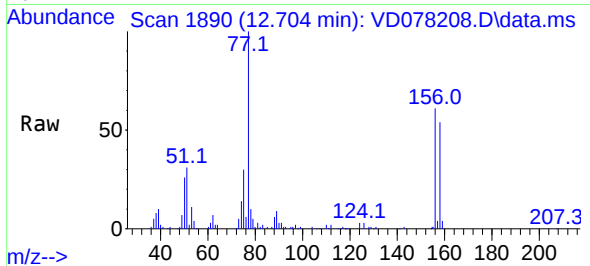
Tgt Ion: 75 Resp: 50279
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 50.885 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD078208.D
Acq: 23 Jan 2024 15:14

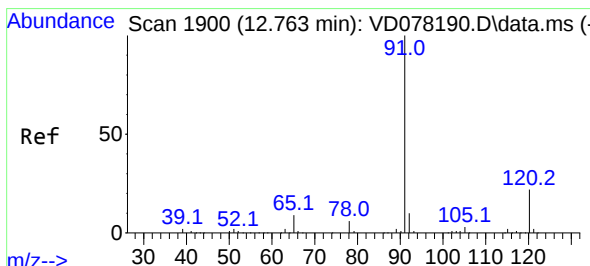
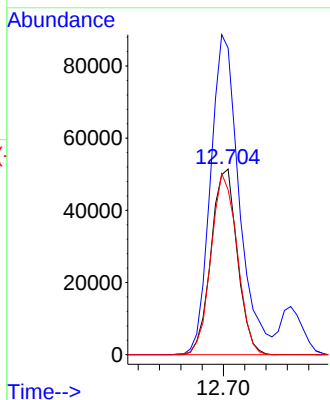
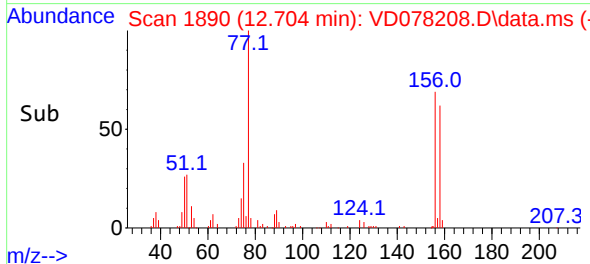
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2024



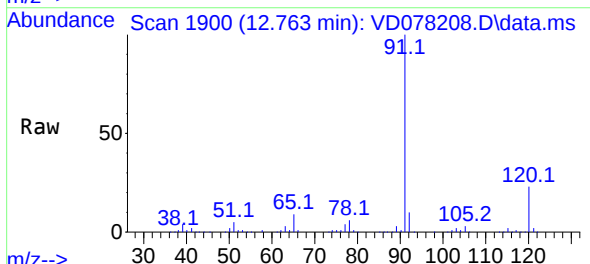
Tgt Ion:156 Resp: 88050
Ion Ratio Lower Upper
156 100
77 188.3 76.8 230.4
158 97.2 48.6 145.9

Manual Integrations
APPROVED

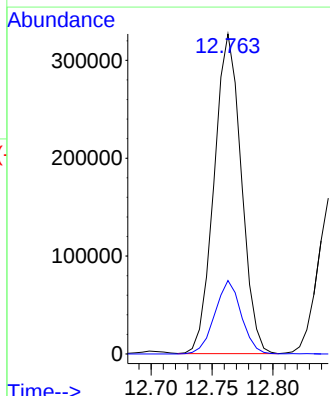
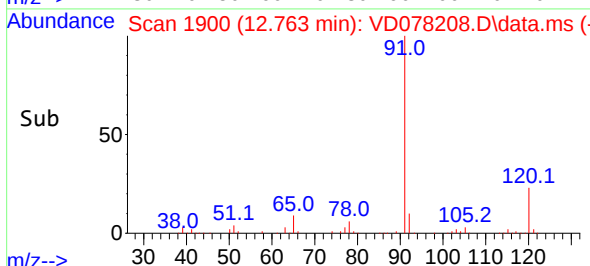
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024

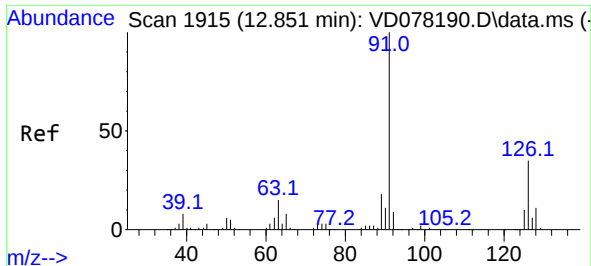


#78
n-propylbenzene
Concen: 51.841 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD078208.D
Acq: 23 Jan 2024 15:14



Tgt Ion: 91 Resp: 507484
Ion Ratio Lower Upper
91 100
120 22.4 12.4 37.2





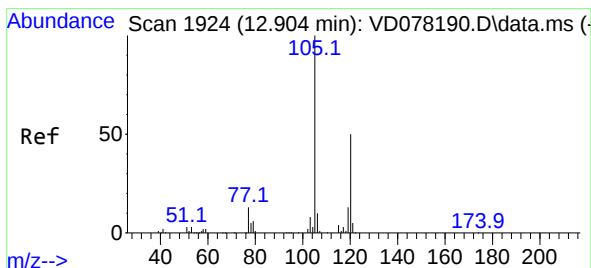
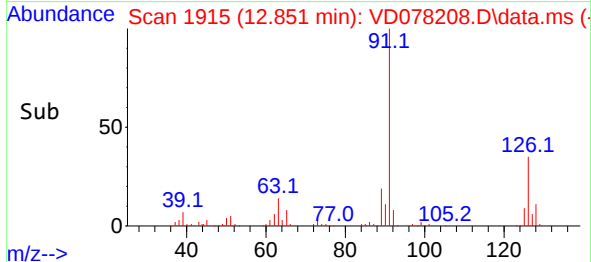
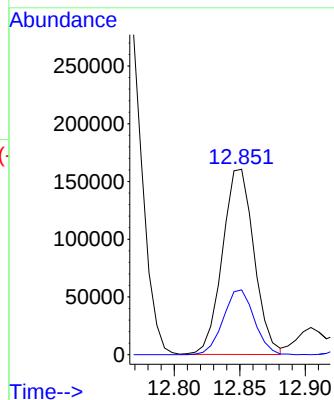
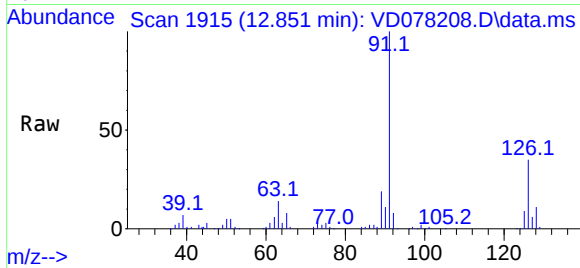
#79
2-Chlorotoluene
Concen: 51.628 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD078208.D
Acq: 23 Jan 2024 15:14

Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2024

Tgt Ion: 91 Resp: 269700
Ion Ratio Lower Upper
91 100
126 34.3 19.4 58.1

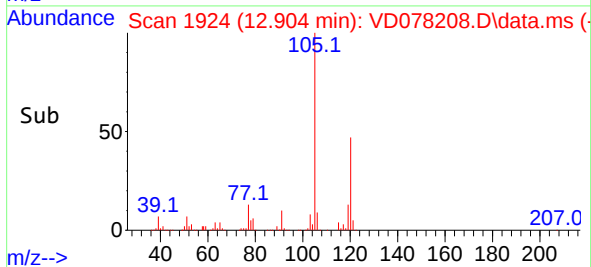
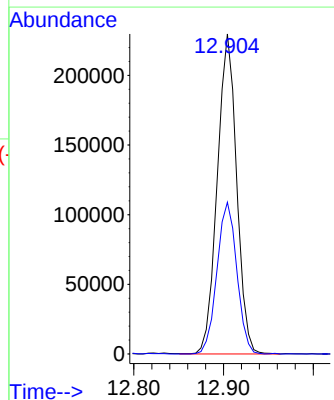
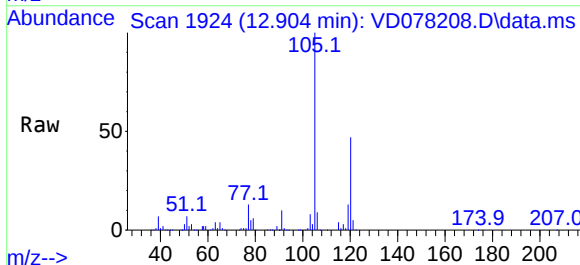
Manual Integrations
APPROVED

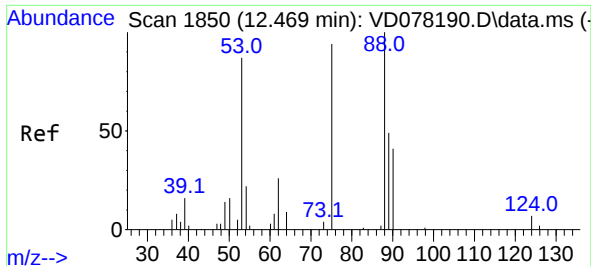
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#80
1,3,5-Trimethylbenzene
Concen: 52.591 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078208.D
Acq: 23 Jan 2024 15:14

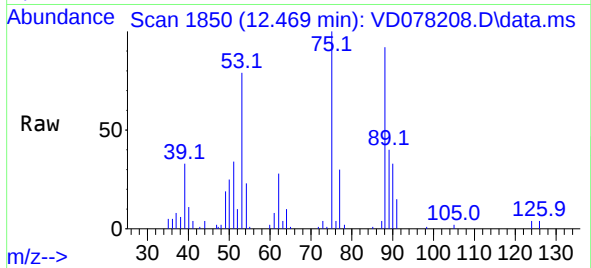
Tgt Ion:105 Resp: 344184
Ion Ratio Lower Upper
105 100
120 48.5 26.4 79.2





#81
trans-1,4-Dichloro-2-butene
Concen: 52.737 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078208.D
Acq: 23 Jan 2024 15:14

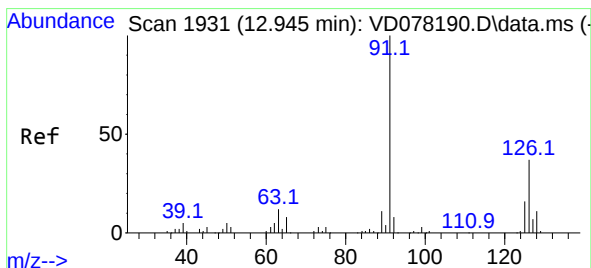
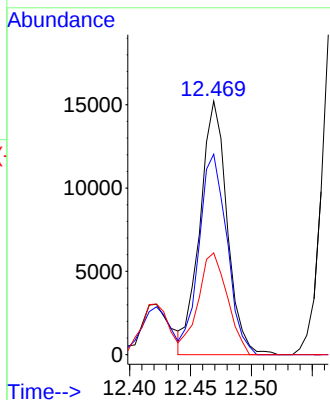
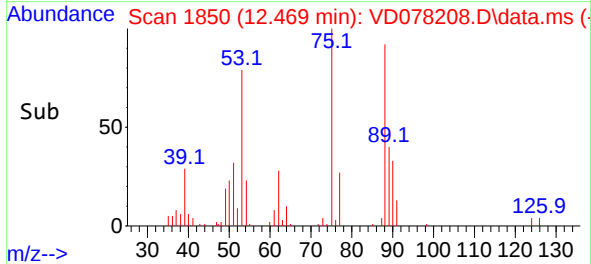
Instrument : MSVOA_D
ClientSampleId : LOQ-SOIL-02-QT1-2024



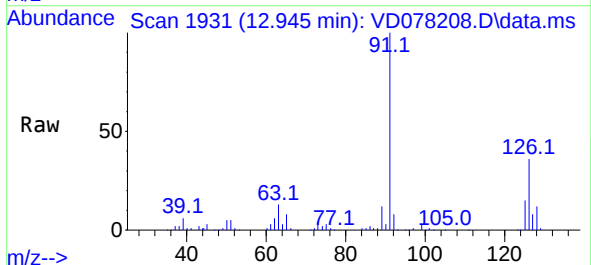
Tgt Ion: 75 Resp: 23572
Ion Ratio Lower Upper
75 100
53 81.6 63.0 94.4
89 43.3 37.9 56.9

Manual Integrations
APPROVED

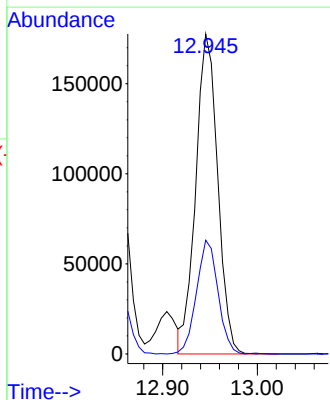
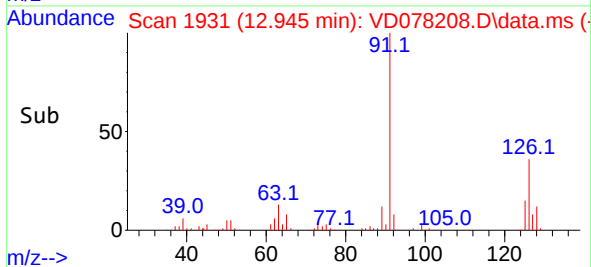
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024

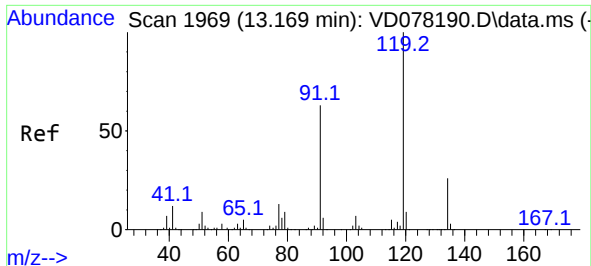


#82
4-Chlorotoluene
Concen: 51.939 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078208.D
Acq: 23 Jan 2024 15:14



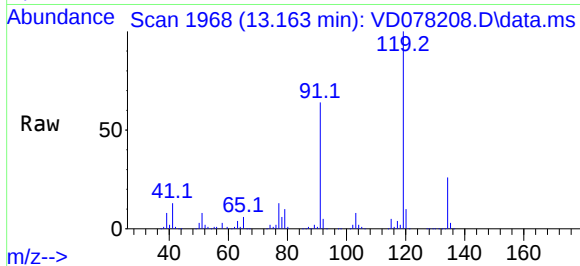
Tgt Ion: 91 Resp: 286016
Ion Ratio Lower Upper
91 100
126 34.9 19.4 58.4





#83
tert-Butylbenzene
Concen: 53.073 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. -0.006 min
Lab File: VD078208.D
Acq: 23 Jan 2024 15:14

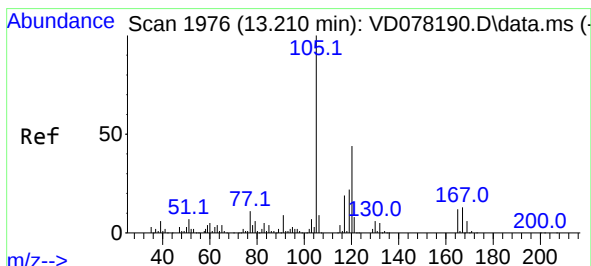
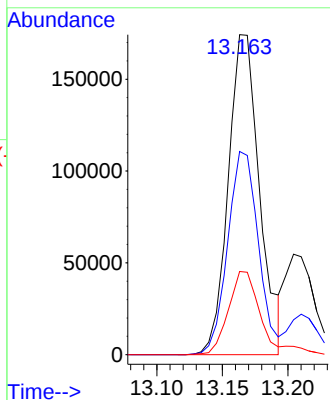
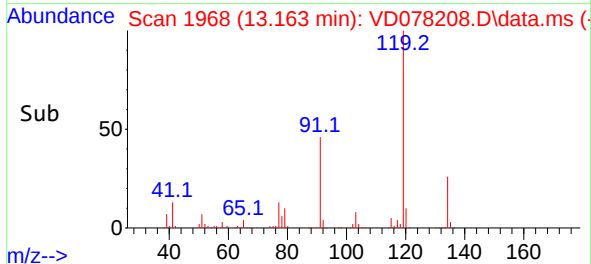
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2024



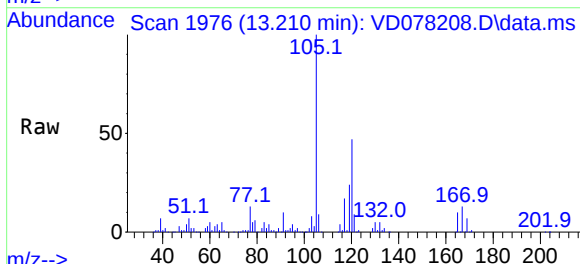
Tgt Ion:119 Resp: 290358
Ion Ratio Lower Upper
119 100
91 62.2 29.3 87.8
134 27.1 14.1 42.3

Manual Integrations
APPROVED

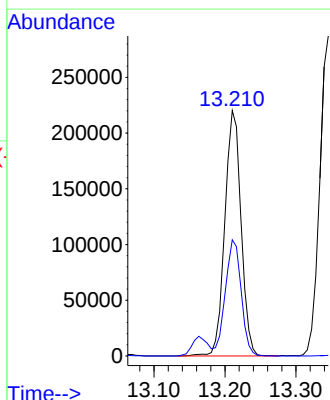
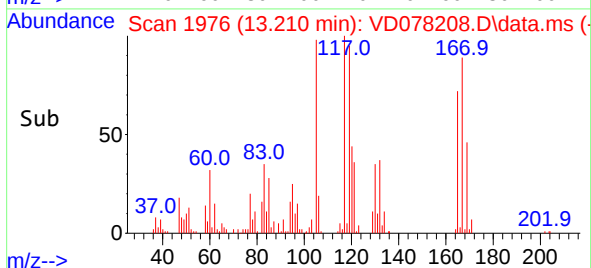
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024

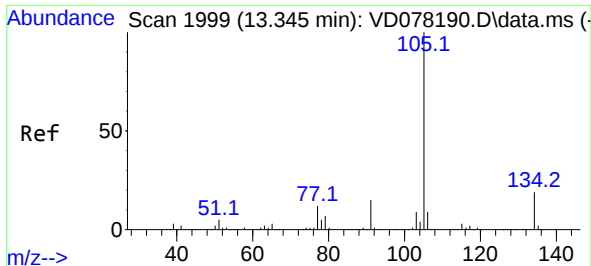


#84
1,2,4-Trimethylbenzene
Concen: 52.655 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD078208.D
Acq: 23 Jan 2024 15:14



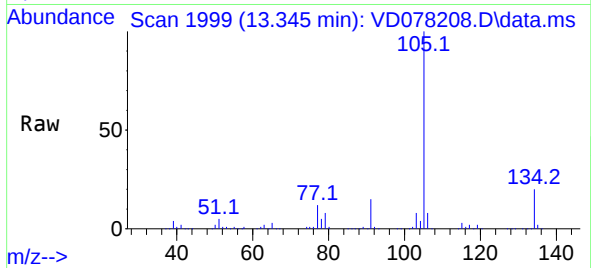
Tgt Ion:105 Resp: 348516
Ion Ratio Lower Upper
105 100
120 46.4 24.3 72.9





#85
sec-Butylbenzene
Concen: 52.363 ug/l
RT: 13.345 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VD078208.D
Acq: 23 Jan 2024 15:14

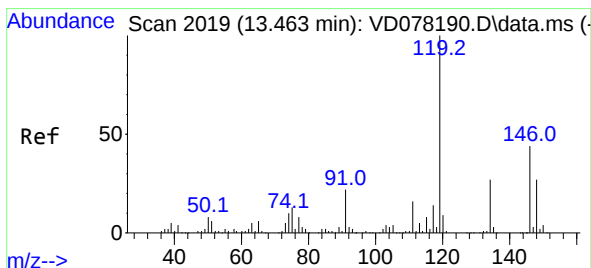
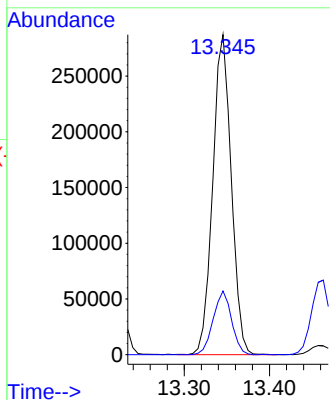
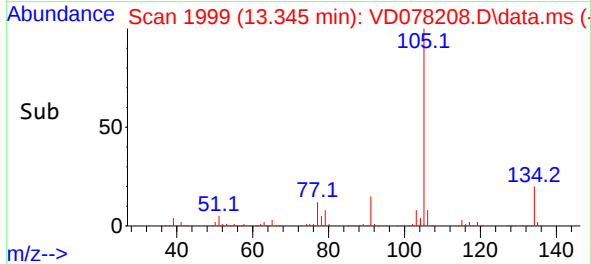
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2024



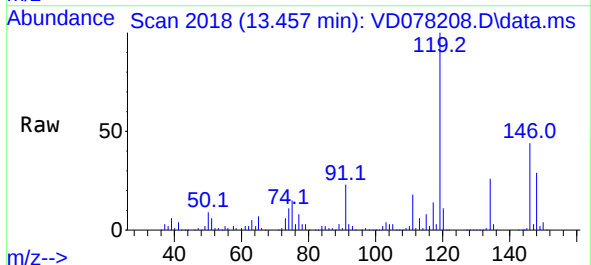
Tgt Ion:105 Resp: 433776
Ion Ratio Lower Upper
105 100
134 19.7 10.9 32.9

Manual Integrations
APPROVED

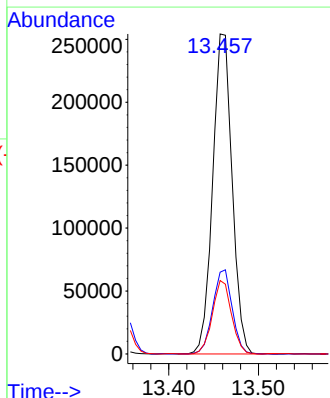
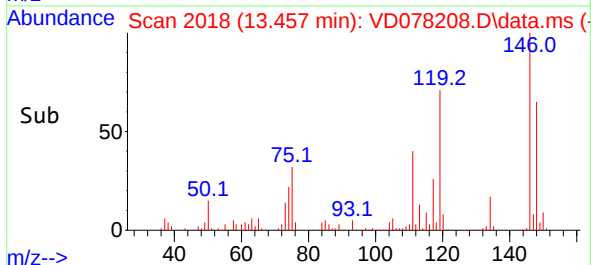
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024

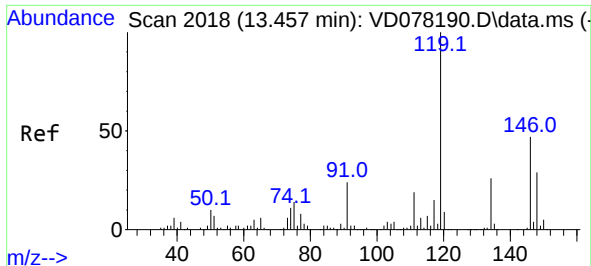


#86
p-Isopropyltoluene
Concen: 53.005 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. -0.006 min
Lab File: VD078208.D
Acq: 23 Jan 2024 15:14



Tgt Ion:119 Resp: 382111
Ion Ratio Lower Upper
119 100
134 26.3 14.2 42.6
91 22.6 10.5 31.5





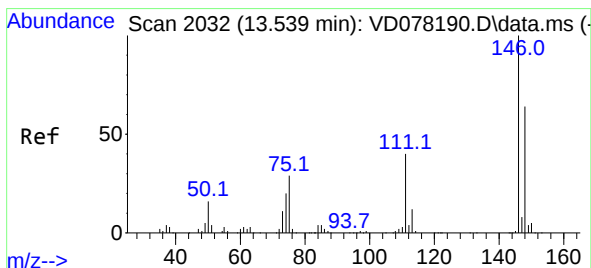
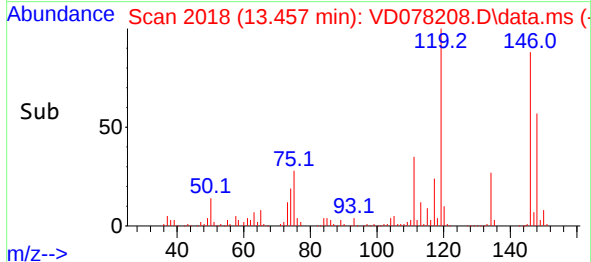
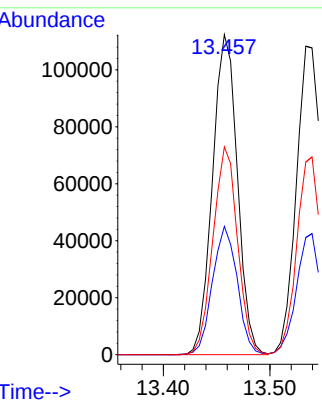
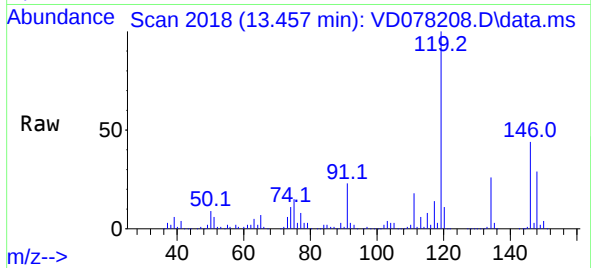
#87
1,3-Dichlorobenzene
Concen: 50.905 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD078208.D
Acq: 23 Jan 2024 15:14

Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2024

Tgt Ion:146 Resp: 18238
Ion Ratio Lower Upper
146 100
111 39.9 17.9 53.8
148 64.2 32.3 96.8

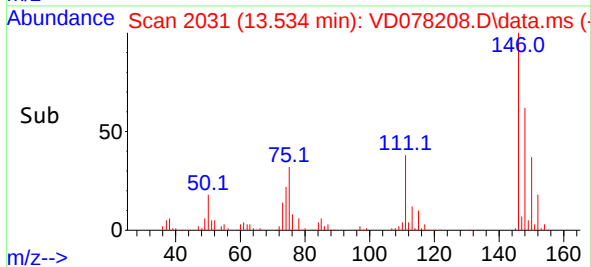
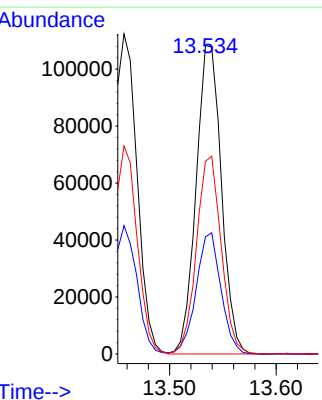
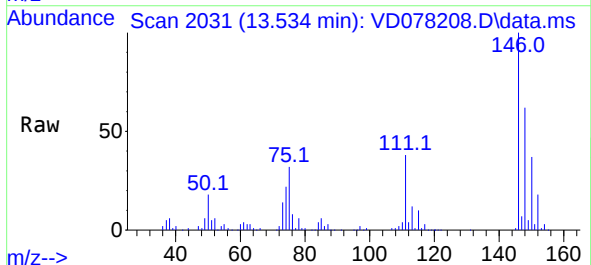
Manual Integrations
APPROVED

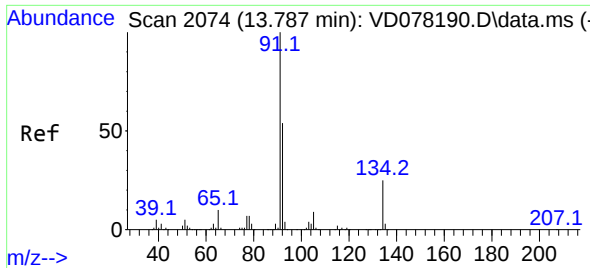
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#88
1,4-Dichlorobenzene
Concen: 50.535 ug/l
RT: 13.534 min Scan# 2031
Delta R.T. -0.006 min
Lab File: VD078208.D
Acq: 23 Jan 2024 15:14

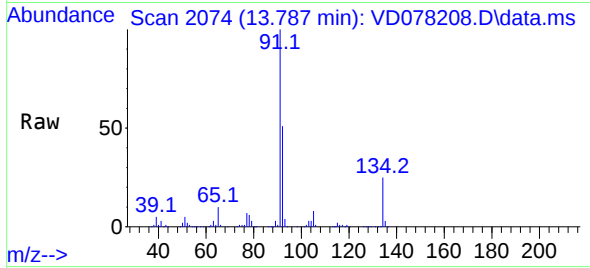
Tgt Ion:146 Resp: 178879
Ion Ratio Lower Upper
146 100
111 38.5 17.4 52.3
148 62.6 31.7 95.1





#89
n-Butylbenzene
Concen: 53.368 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD078208.D
Acq: 23 Jan 2024 15:14

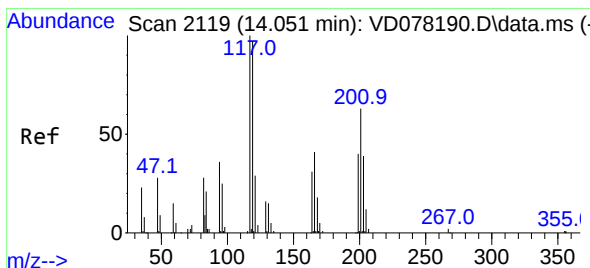
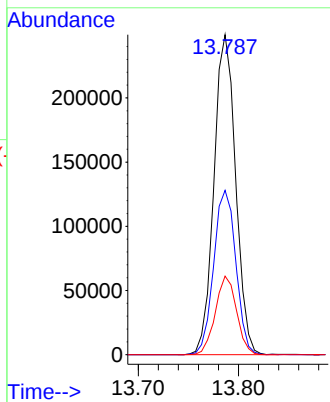
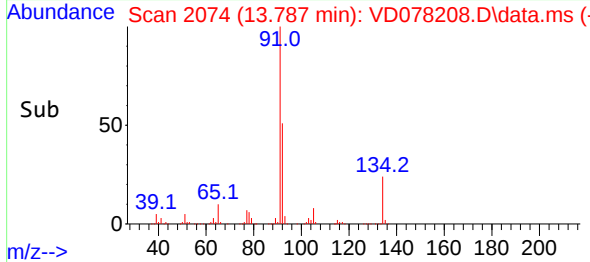
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2024



Tgt Ion: 91 Resp: 37452
Ion Ratio Lower Upper
91 100
92 52.5 26.5 79.5
134 24.0 13.8 41.3

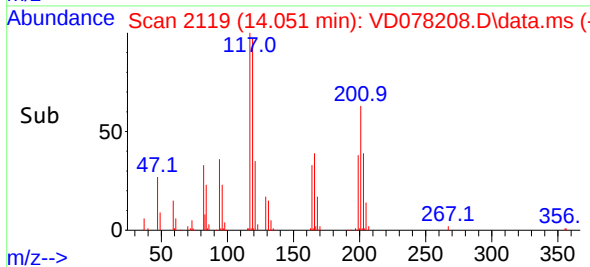
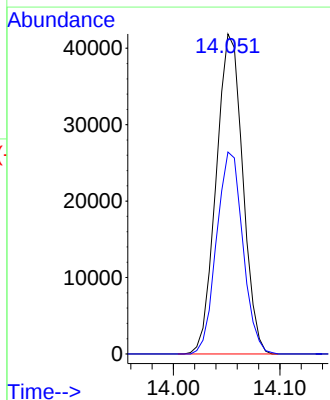
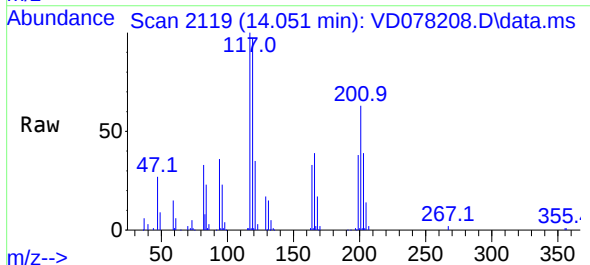
Manual Integrations
APPROVED

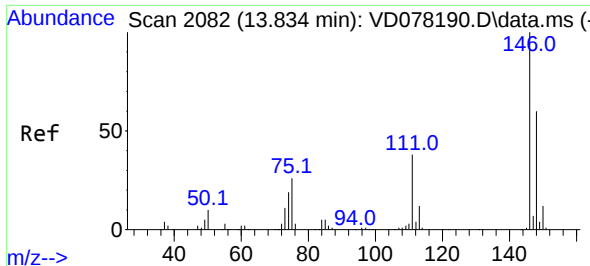
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#90
Hexachloroethane
Concen: 51.259 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD078208.D
Acq: 23 Jan 2024 15:14

Tgt Ion:117 Resp: 72486
Ion Ratio Lower Upper
117 100
201 62.6 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 51.884 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VD078208.D

Acq: 23 Jan 2024 15:14

Instrument :

MSVOA_D

ClientSampleId :

LOQ-SOIL-02-QT1-2024

Tgt Ion:146 Resp: 156318

Ion Ratio Lower Upper

146 100

111 41.2 18.3 54.8

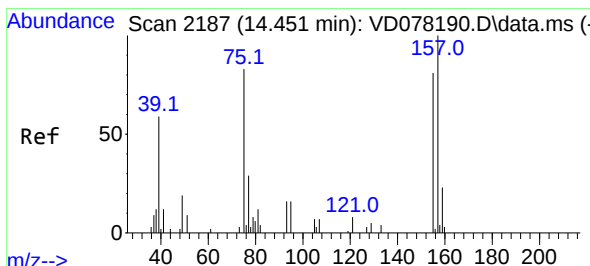
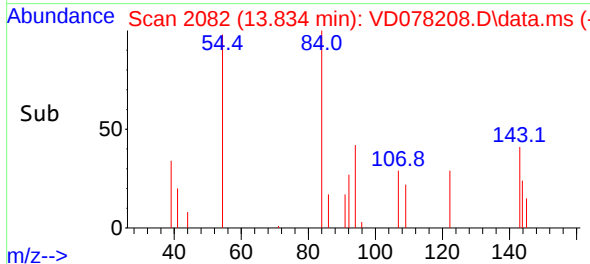
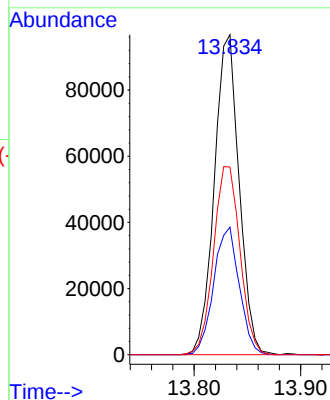
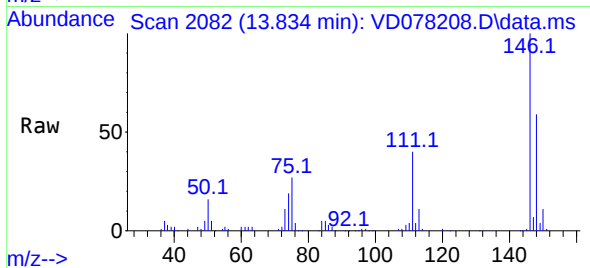
148 62.8 31.6 94.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/25/2024

Supervised By :Semsettin Yesilyurt 01/25/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 43.101 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. -0.006 min

Lab File: VD078208.D

Acq: 23 Jan 2024 15:14

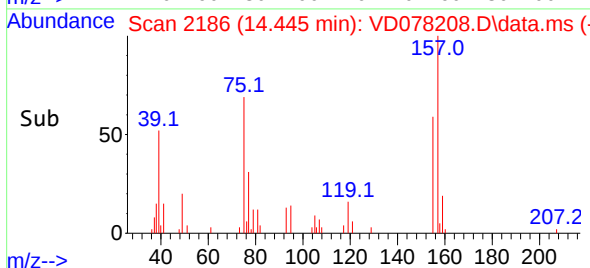
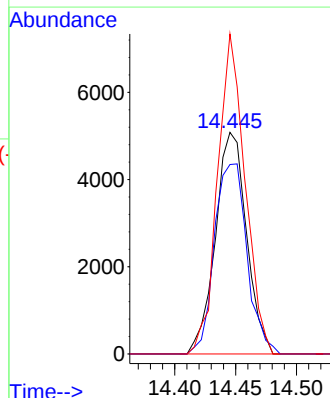
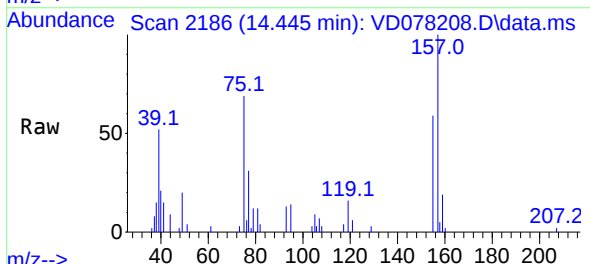
Tgt Ion: 75 Resp: 9046

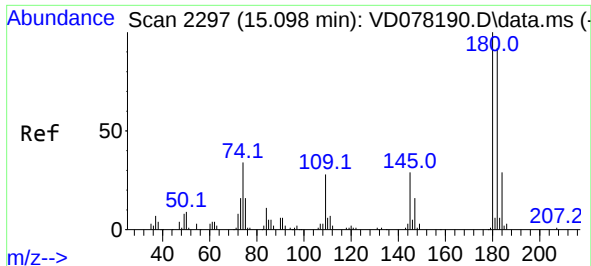
Ion Ratio Lower Upper

75 100

155 89.7 47.9 143.8

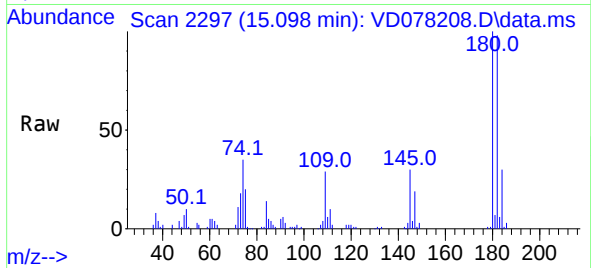
157 127.3 59.9 179.7





#93
1,2,4-Trichlorobenzene
Concen: 50.096 ug/l
RT: 15.098 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VD078208.D
Acq: 23 Jan 2024 15:14

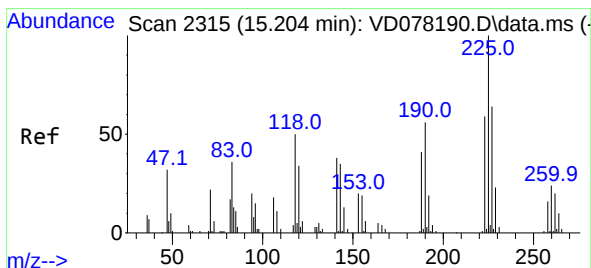
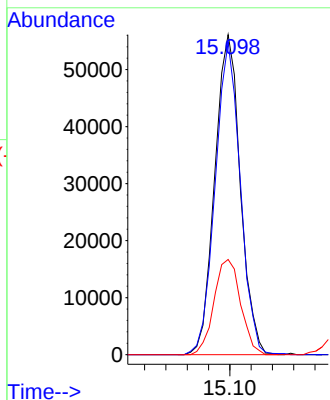
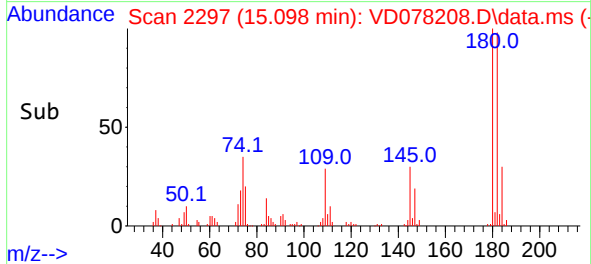
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2024



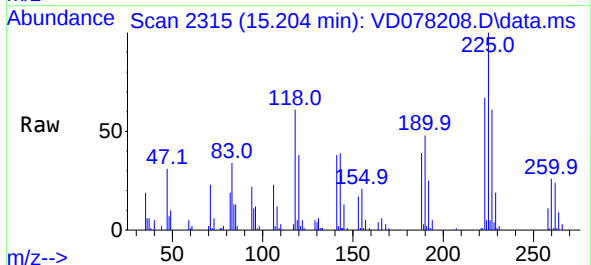
Tgt Ion:180 Resp: 93297
Ion Ratio Lower Upper
180 100
182 95.9 48.5 145.6
145 31.0 14.2 42.6

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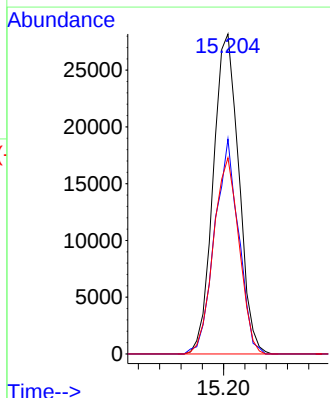
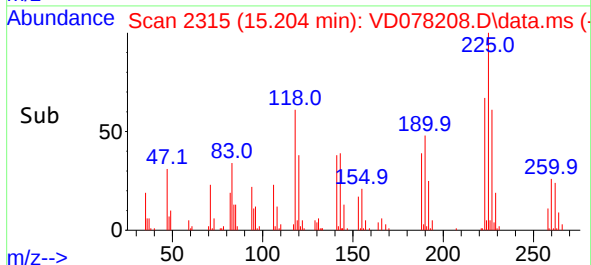
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024

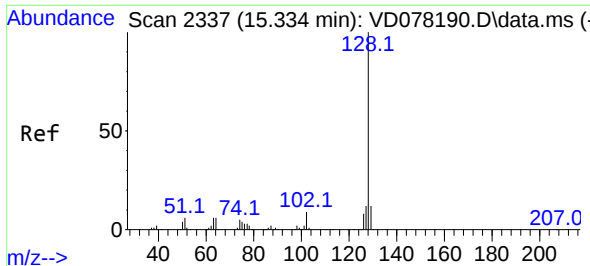


#94
Hexachlorobutadiene
Concen: 52.126 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD078208.D
Acq: 23 Jan 2024 15:14



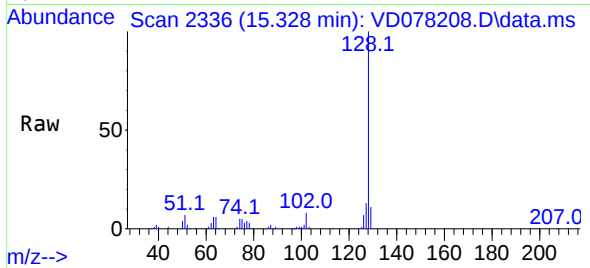
Tgt Ion:225 Resp: 46911
Ion Ratio Lower Upper
225 100
223 63.3 31.6 94.8
227 61.7 31.7 95.1





#95
Naphthalene
Concen: 50.525 ug/l
RT: 15.328 min Scan# 2336
Delta R.T. -0.006 min
Lab File: VD078208.D
Acq: 23 Jan 2024 15:14

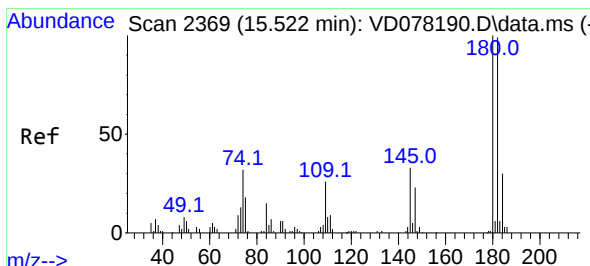
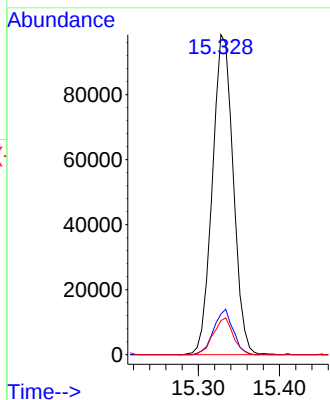
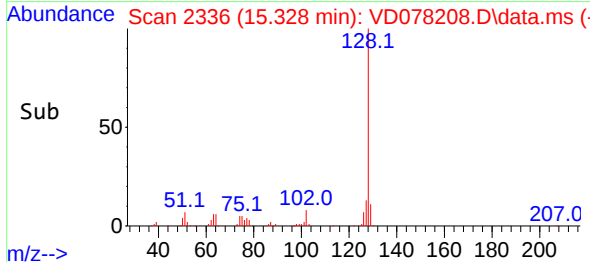
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-02-QT1-2024



Tgt Ion:128 Resp: 17592
Ion Ratio Lower Upper
128 100
127 12.7 10.5 15.7
129 10.7 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: 51.511 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD078208.D
Acq: 23 Jan 2024 15:14

Tgt Ion:180 Resp: 80486
Ion Ratio Lower Upper
180 100
182 93.3 47.3 141.9
145 32.4 15.1 45.3

