

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110221\
 Data File : VW020748.D
 Acq On : 02 Nov 2021 20:04
 Operator : SY/VA
 Sample : M4068-02 5PPBLOQ
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SOIL-02-QT4-2021

Quant Time: Nov 03 02:51:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W110121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 03 02:49:21 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Vimala Arumugam 11/03/2021
 Supervised By :Mahesh Dadoda 11/03/2021

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

Internal Standards						
1) Pentafluorobenzene	7.946	168	31757	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	52316	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	49007	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	26012	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	14652	49.688	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.380%		
35) Dibromofluoromethane	7.878	113	16415	49.370	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.740%		
50) Toluene-d8	10.323	98	53720	46.391	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	92.780%		
62) 4-Bromofluorobenzene	12.615	95	19345	47.412	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	94.820%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	259	3.198	ug/l #	37
3) Chloromethane	2.215	50	1165	6.220	ug/l #	77
4) Vinyl Chloride	2.355	62	2250	6.212	ug/l	94
5) Bromomethane	2.764	94	1924	6.270	ug/l	95
6) Chloroethane	2.916	64	875	5.606	ug/l #	87
7) Trichlorofluoromethane	3.245	101	791	6.585	ug/l	97
8) Diethyl Ether	3.684	74	728	6.062	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.056	101	1730	6.062	ug/l #	84
10) Methyl Iodide	4.263	142	2299	6.263	ug/l	98
11) Tert butyl alcohol	5.178	59	327	26.618	ug/l #	77
12) 1,1-Dichloroethene	4.032	96	1623	6.094	ug/l	94
13) Acrolein	3.904	56	42	9.445	ug/l #	17
14) Allyl chloride	4.672	41	1265	6.169	ug/l	98
15) Acrylonitrile	5.367	53	1317	28.670	ug/l	95
16) Acetone	4.123	43	1493	34.754	ug/l	93
17) Carbon Disulfide	4.379	76	4326	6.451	ug/l #	93
18) Methyl Acetate	4.678	43	942	6.333	ug/l	95
19) Methyl tert-butyl Ether	5.422	73	1870	6.127	ug/l	97
20) Methylene Chloride	4.916	84	6518	17.505	ug/l	94
21) trans-1,2-Dichloroethene	5.422	96	1777	6.040	ug/l #	84
22) Diisopropyl ether	6.312	45	2907	5.554	ug/l #	86
23) Vinyl Acetate	6.257	43	7517m	25.995	ug/l	
24) 1,1-Dichloroethane	6.220	63	2927	6.493	ug/l #	93
25) 2-Butanone	7.177	43	1495	27.187	ug/l	96
26) 2,2-Dichloropropane	7.159	77	1830	6.775	ug/l	84
27) cis-1,2-Dichloroethene	7.171	96	1783	5.524	ug/l	94
28) Bromochloromethane	7.513	49	972	5.396	ug/l #	98
29) Tetrahydrofuran	7.531	42	914	28.164	ug/l	89
30) Chloroform	7.683	83	3743	6.681	ug/l	93
31) Cyclohexane	7.952	56	2570	6.468	ug/l #	88
32) 1,1,1-Trichloroethane	7.878	97	2864	6.420	ug/l	99
36) 1,1-Dichloropropene	8.080	75	2576	6.118	ug/l	93
37) Ethyl Acetate	7.251	43	709	5.358	ug/l #	63
38) Carbon Tetrachloride	8.061	117	2689	5.965	ug/l	97
39) Methylcyclohexane	9.336	83	2626	5.170	ug/l	96
40) Benzene	8.324	78	8089	6.668	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.476	41	349	5.350	ug/l #	23
42) 1,2-Dichloroethane	8.397	62	2279	6.577	ug/l	94
43) Isopropyl Acetate	8.421	43	1296	5.203	ug/l	97
44) Trichloroethene	9.092	130	2178	5.853	ug/l	78
45) 1,2-Dichloropropane	9.372	63	1625	6.192	ug/l	96
46) Dibromomethane	9.457	93	1008	5.445	ug/l	91
47) Bromodichloromethane	9.646	83	2532	5.847	ug/l	100
48) Methyl methacrylate	9.439	41	631	5.572	ug/l	81
49) 1,4-Dioxane	9.445	88	245	110.012	ug/l #	65
51) 4-Methyl-2-Pentanone	10.207	43	3551	26.533	ug/l	97
52) Toluene	10.384	92	4764	6.049	ug/l	96
53) t-1,3-Dichloropropene	10.604	75	2203	5.538	ug/l #	86
54) cis-1,3-Dichloropropene	10.073	75	2583	5.700	ug/l	90
55) 1,1,2-Trichloroethane	10.787	97	1574	6.176	ug/l #	89
56) Ethyl methacrylate	10.640	69	1381	5.118	ug/l	93
57) 1,3-Dichloropropane	10.927	76	2436	6.075	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.927	63	2649	22.558	ug/l	97
59) 2-Hexanone	10.969	43	2480	26.506	ug/l	90
60) Dibromochloromethane	11.128	129	1876	5.908	ug/l	94
61) 1,2-Dibromoethane	11.232	107	1472	5.807	ug/l	95
64) Tetrachloroethene	10.860	164	1960	6.128	ug/l #	86
65) Chlorobenzene	11.658	112	5361	5.828	ug/l #	88
66) 1,1,1,2-Tetrachloroethane	11.731	131	2081	6.138	ug/l	97
67) Ethyl Benzene	11.731	91	8514	5.551	ug/l	99
68) m/p-Xylenes	11.841	106	7009	11.316	ug/l	99
69) o-Xylene	12.164	106	2978	5.150	ug/l	96
70) Styrene	12.183	104	4974	5.089	ug/l	96
71) Bromoform	12.347	173	1101	5.746	ug/l #	97
73) Isopropylbenzene	12.463	105	8064	5.264	ug/l	97
74) N-amyl acetate	12.274	43	1191	5.044	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.713	83	1740	6.022	ug/l	98
76) 1,2,3-Trichloropropane	12.774	75	1376m	6.831	ug/l	
77) Bromobenzene	12.743	156	2287	5.897	ug/l	96
78) n-propylbenzene	12.804	91	10717	5.798	ug/l	98
79) 2-Chlorotoluene	12.890	91	6187	5.907	ug/l	100
80) 1,3,5-Trimethylbenzene	12.945	105	7491	5.686	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.518	75	349	4.264	ug/l #	73
82) 4-Chlorotoluene	12.987	91	6434	5.874	ug/l	99
83) tert-Butylbenzene	13.201	119	5739	5.003	ug/l	93
84) 1,2,4-Trimethylbenzene	13.249	105	7439	5.756	ug/l	98
85) sec-Butylbenzene	13.378	105	9723	5.624	ug/l	97
86) p-Isopropyltoluene	13.493	119	8108	5.576	ug/l	97
87) 1,3-Dichlorobenzene	13.499	146	4785	5.905	ug/l	96
88) 1,4-Dichlorobenzene	13.579	146	5109	6.389	ug/l	97
89) n-Butylbenzene	13.823	91	7298	5.387	ug/l	92
90) Hexachloroethane	14.091	117	1722	6.023	ug/l	97
91) 1,2-Dichlorobenzene	13.865	146	4128	5.806	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.487	75	149	3.508	ug/l #	24
93) 1,2,4-Trichlorobenzene	15.127	180	2409	5.369	ug/l	96
94) Hexachlorobutadiene	15.237	225	1429	5.865	ug/l	97
95) Naphthalene	15.365	128	4078	5.035	ug/l	96
96) 1,2,3-Trichlorobenzene	15.554	180	2104	5.368	ug/l	97

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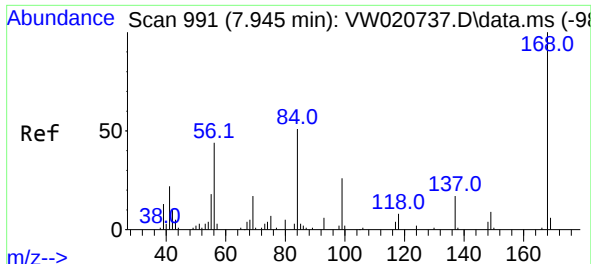
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

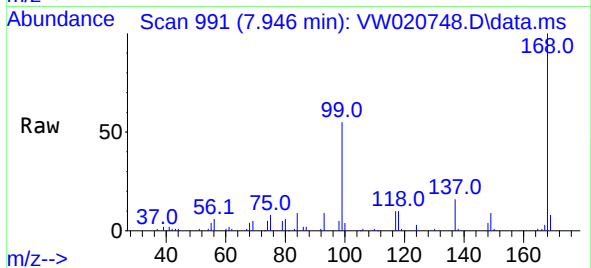
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[illegible]



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.946 min Scan# 99
Delta R.T. 0.001 min
Lab File: VW020748.D
Acq: 02 Nov 2021 20:04

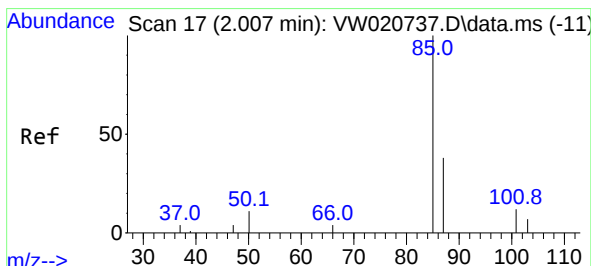
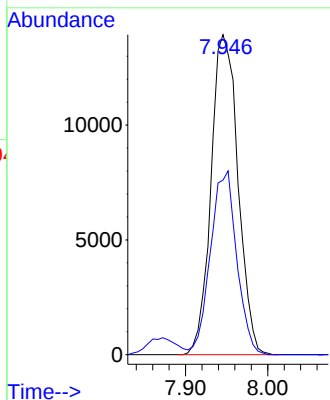
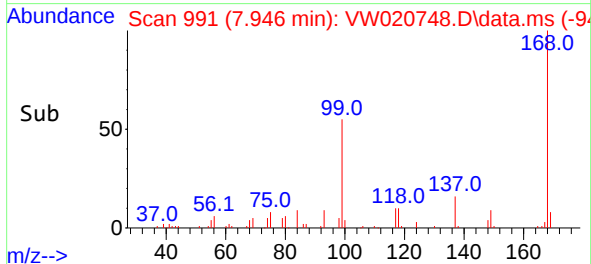
Instrument :
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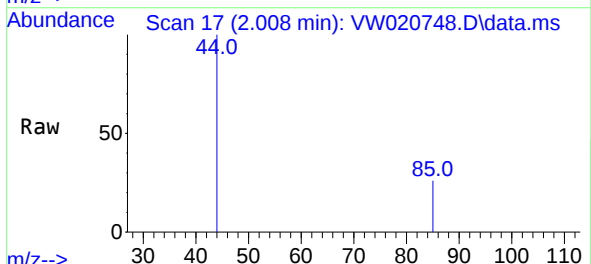
Tgt Ion:168 Resp: 3175
Ion Ratio Lower Upper
168 100
99 54.5 42.6 63.8

Manual Integrations
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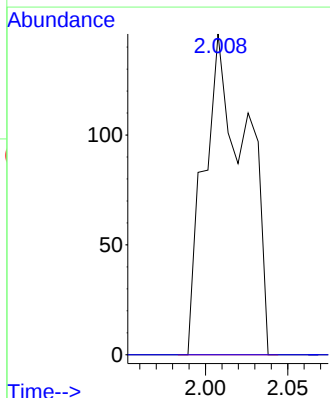
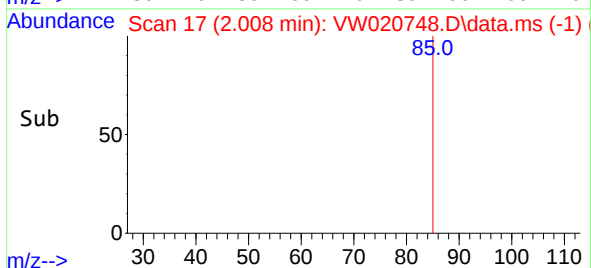
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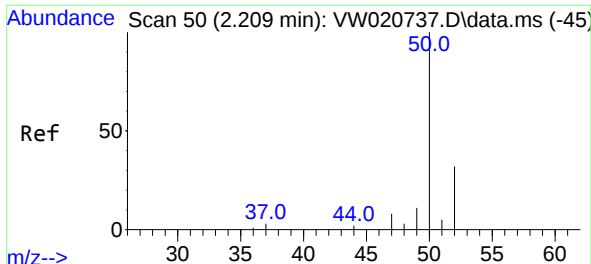


#2
Dichlorodifluoromethane
Concen: 3.198 ug/l
RT: 2.008 min Scan# 17
Delta R.T. 0.001 min
Lab File: VW020748.D
Acq: 02 Nov 2021 20:04



Tgt Ion: 85 Resp: 259
Ion Ratio Lower Upper
85 100
87 0.0 19.1 57.5#





#3

Chloromethane

Concen: 6.220 ug/l

RT: 2.215 min Scan# 51

Delta R.T. 0.006 min

Lab File: VW020748.D

Acq: 02 Nov 2021 20:04

Instrument :

MSVOA_W

ClientSampleId :

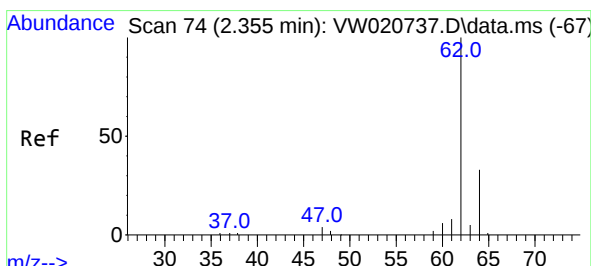
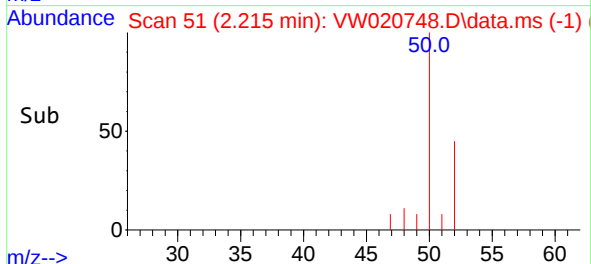
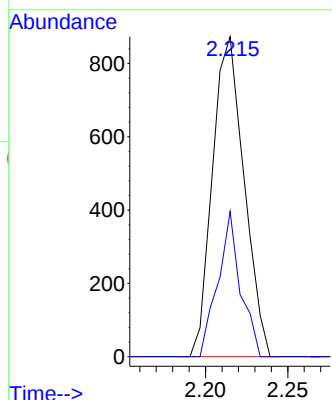
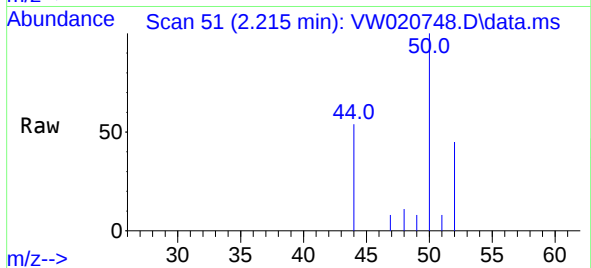
LOQ-SOIL-02-QT4-2021

Tgt Ion: 50 Resp: 116
 Ion Ratio Lower Upper
 50 100
 52 45.4 25.9 38.9

Manual Integrations

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#4

Vinyl Chloride

Concen: 6.212 ug/l

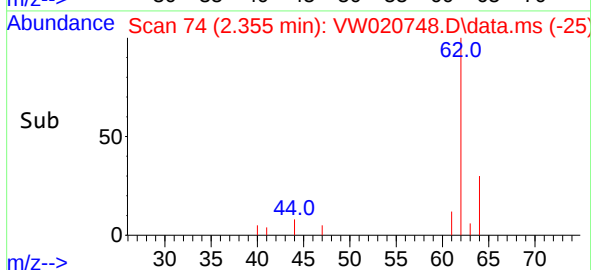
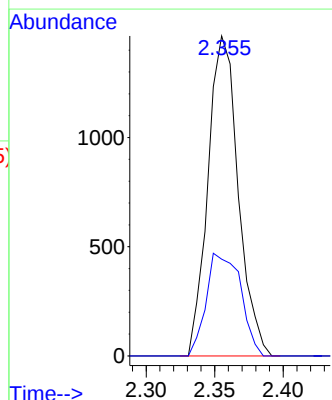
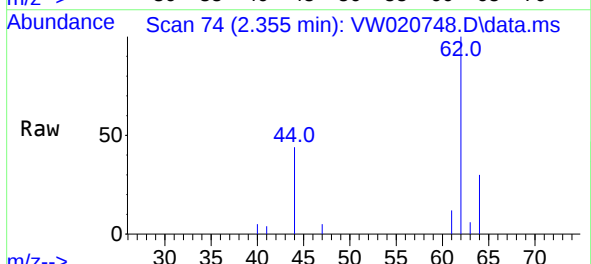
RT: 2.355 min Scan# 74

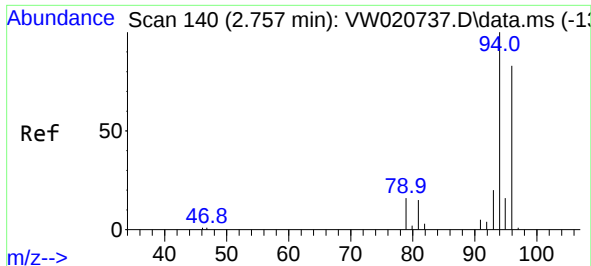
Delta R.T. 0.000 min

Lab File: VW020748.D

Acq: 02 Nov 2021 20:04

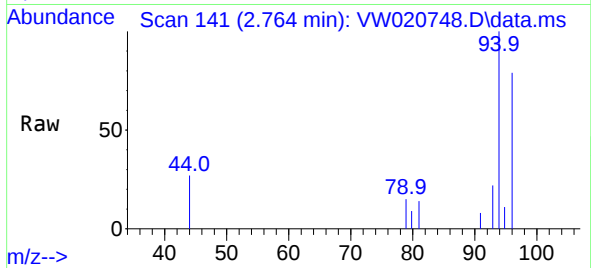
Tgt Ion: 62 Resp: 2250
 Ion Ratio Lower Upper
 62 100
 64 30.2 26.7 40.1





#5
Bromomethane
Concen: 6.270 ug/l
RT: 2.764 min Scan# 140
Delta R.T. 0.006 min
Lab File: VW020748.D
Acq: 02 Nov 2021 20:04

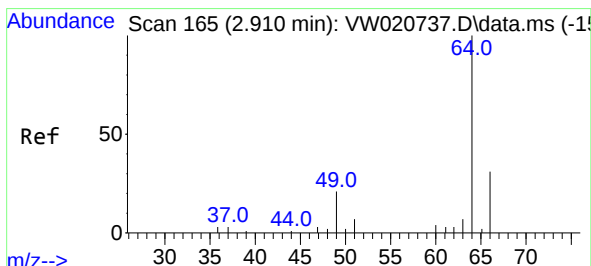
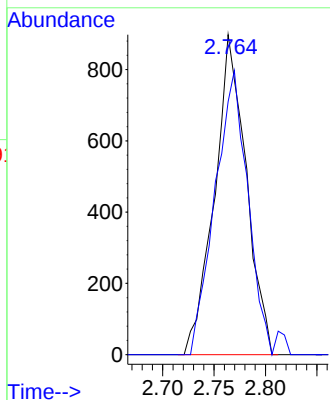
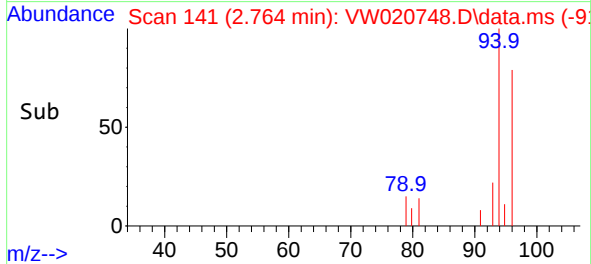
Instrument :
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LOQ-SOIL-02-QT4-2021



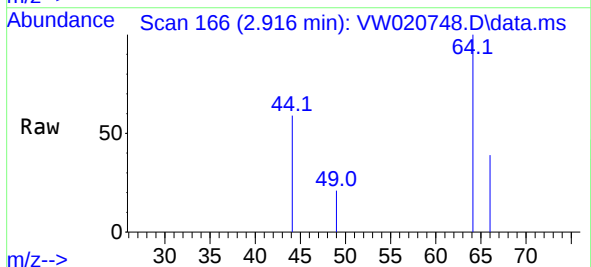
Tgt Ion: 94 Resp: 1924
Ion Ratio Lower Upper
94 100
96 79.1 66.7 100.1

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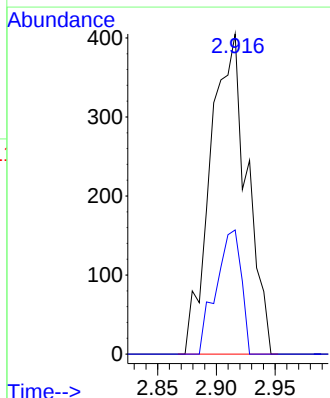
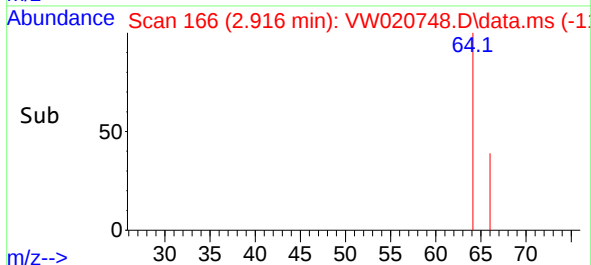
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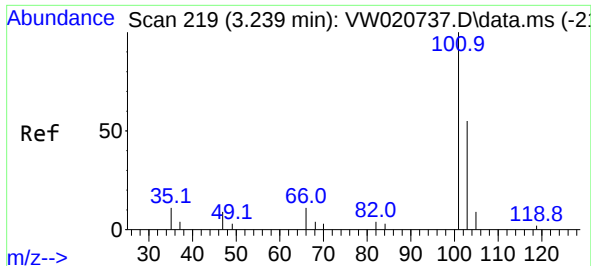


#6
Chloroethane
Concen: 5.606 ug/l
RT: 2.916 min Scan# 166
Delta R.T. 0.006 min
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Acq: 02 Nov 2021 20:04



Tgt Ion: 64 Resp: 875
Ion Ratio Lower Upper
64 100
66 38.8 25.1 37.7#





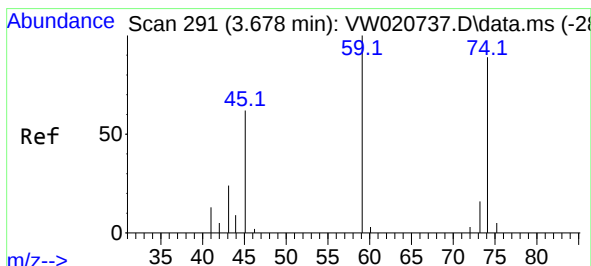
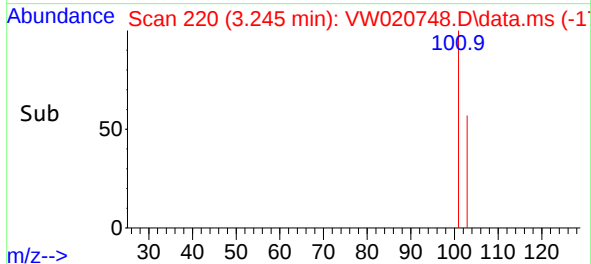
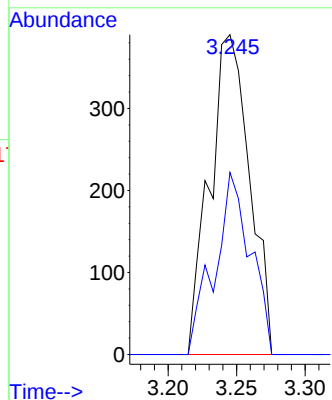
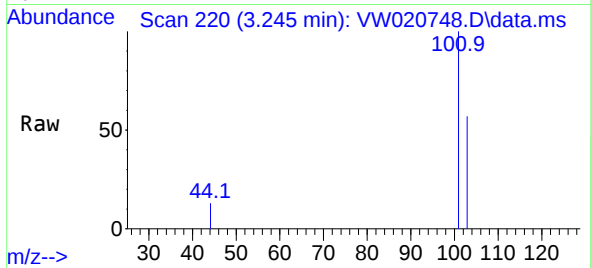
#7
 Trichlorofluoromethane
 Concen: 6.585 ug/l
 RT: 3.245 min Scan# 219
 Delta R.T. 0.006 min
 Lab File: VW020748.D
 Acq: 02 Nov 2021 20:04

Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SOIL-02-QT4-2021

Tgt Ion:101 Resp: 79
 Ion Ratio Lower Upper
 101 100
 103 56.9 43.9 65.9

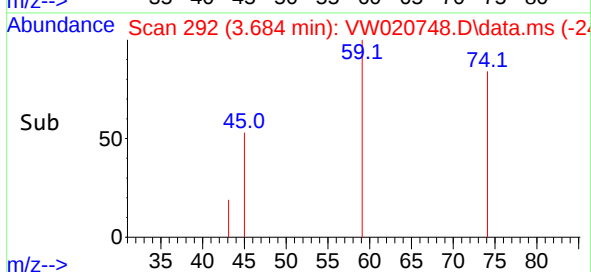
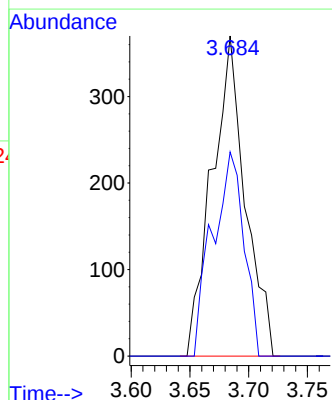
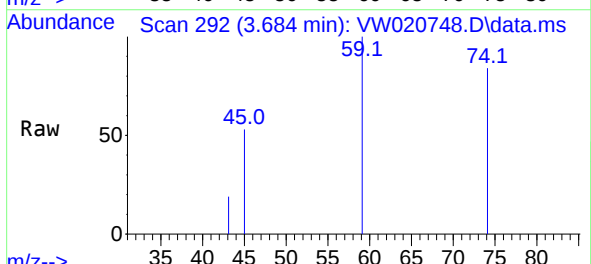
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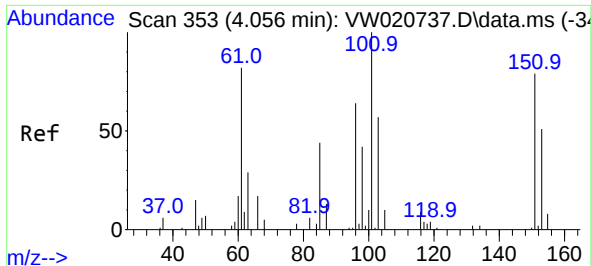
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#8
 Diethyl Ether
 Concen: 6.062 ug/l
 RT: 3.684 min Scan# 292
 Delta R.T. 0.006 min
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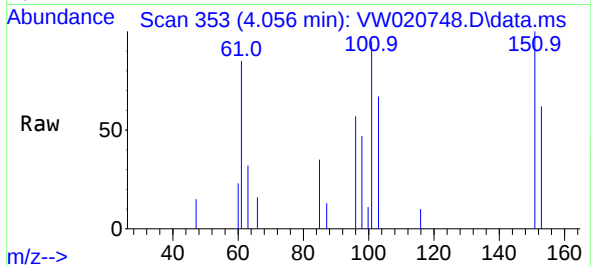
Tgt Ion: 74 Resp: 728
 Ion Ratio Lower Upper
 74 100
 45 60.4 34.3 102.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 6.062 ug/l
RT: 4.056 min Scan# 353
Delta R.T. 0.000 min
Lab File: VW020748.D
Acq: 02 Nov 2021 20:04

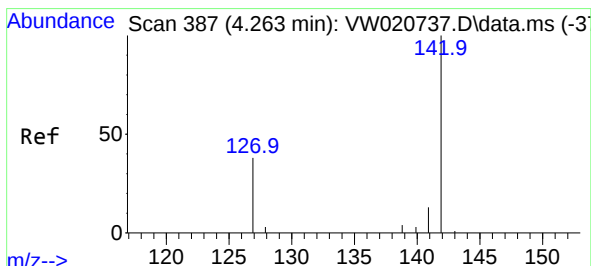
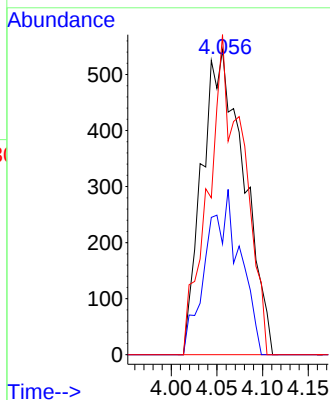
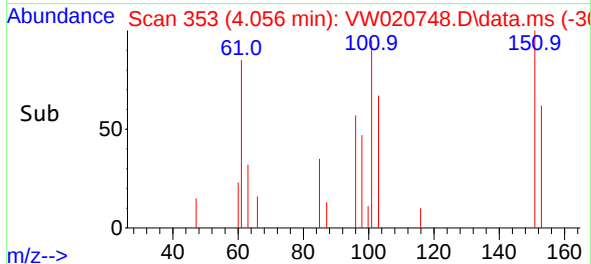
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021



Tgt Ion:101 Resp: 1730
Ion Ratio Lower Upper
101 100
85 23.2 35.2 52.8
151 87.9 65.0 97.4

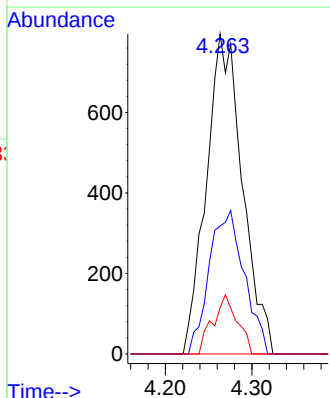
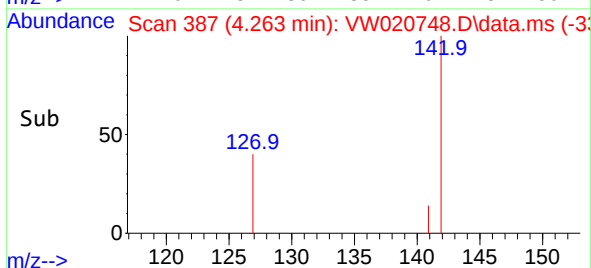
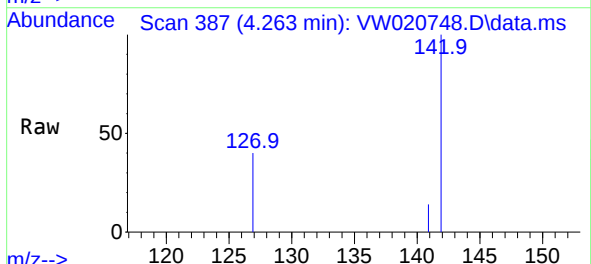
Manual Integrations
APPROVED

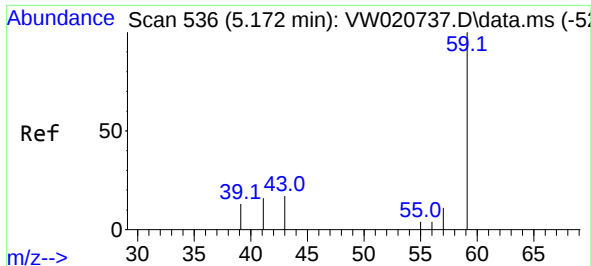
Reviewed By :Vimala Arumugam 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021



#10
Methyl Iodide
Concen: 6.263 ug/l
RT: 4.263 min Scan# 387
Delta R.T. 0.000 min
Lab File: VW020748.D
Acq: 02 Nov 2021 20:04

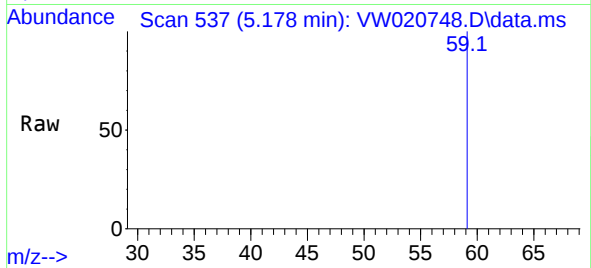
Tgt Ion:142 Resp: 2299
Ion Ratio Lower Upper
142 100
127 43.5 34.3 51.5
141 12.5 12.2 18.2





#11
Tert butyl alcohol
Concen: 26.618 ug/l
RT: 5.178 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW020748.D
Acq: 02 Nov 2021 20:04

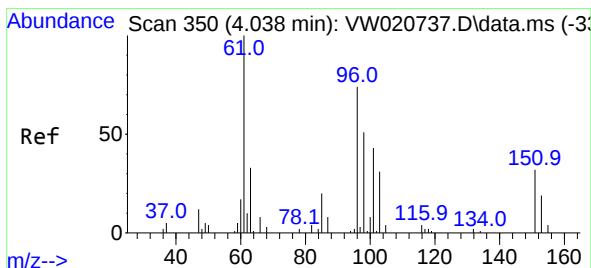
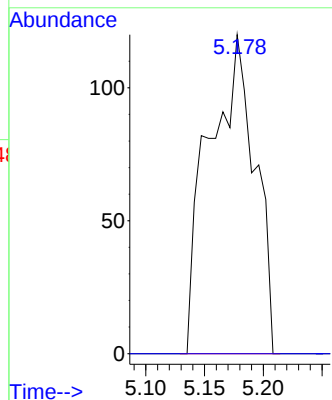
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021



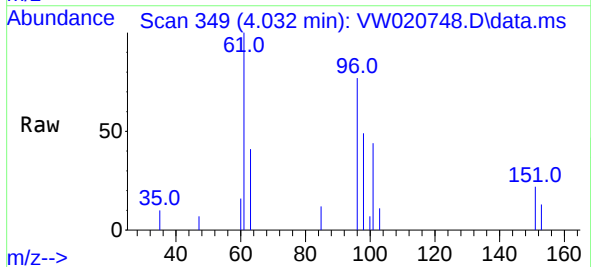
Tgt Ion: 59 Resp: 32
Ion Ratio Lower Upper
59 100
57 0.0 6.5 9.7

Manual Integrations
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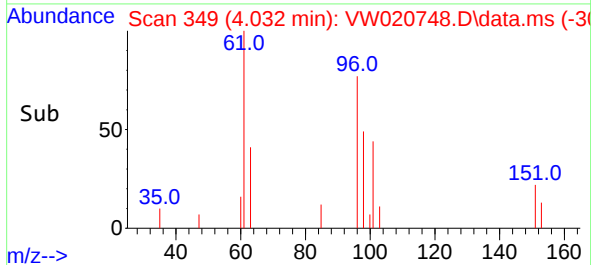
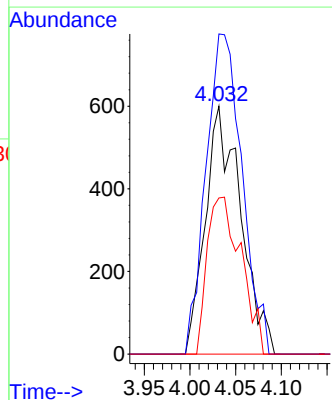
Reviewed By :Vimala Arumugam 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021

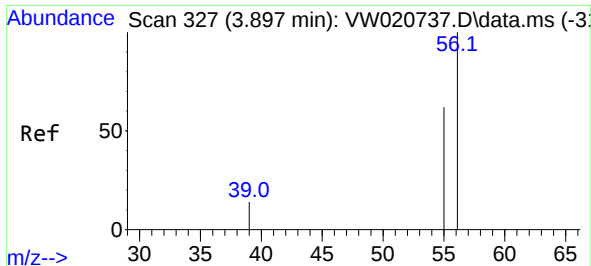


#12
1,1-Dichloroethene
Concen: 6.094 ug/l
RT: 4.032 min Scan# 349
Delta R.T. -0.006 min
Lab File: VW020748.D
Acq: 02 Nov 2021 20:04



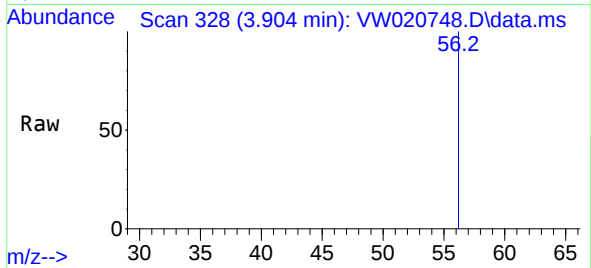
Tgt Ion: 96 Resp: 1623
Ion Ratio Lower Upper
96 100
61 129.2 108.1 162.1
98 63.0 55.4 83.2





#13
Acrolein
Concen: 9.445 ug/l
RT: 3.904 min Scan# 31
Delta R.T. 0.006 min
Lab File: VW020748.D
Acq: 02 Nov 2021 20:04

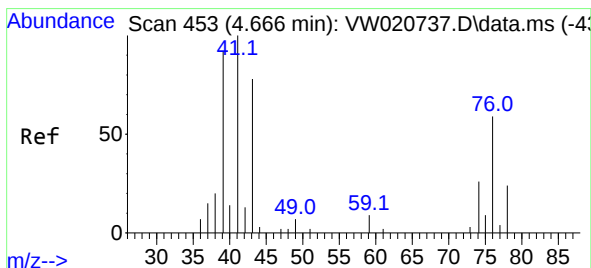
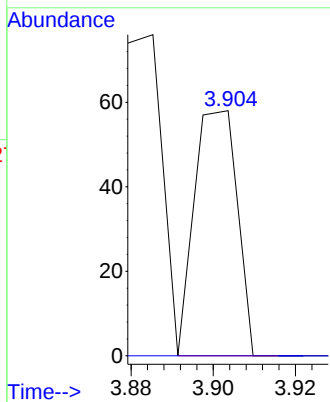
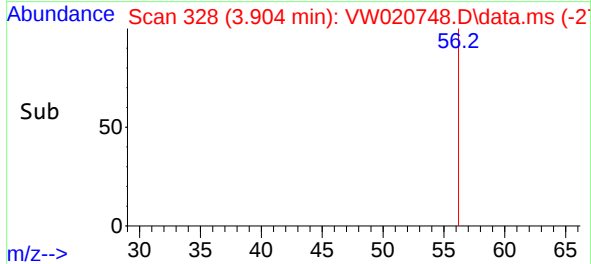
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021



Tgt Ion: 56 Resp: 42
Ion Ratio Lower Upper
56 100
55 0.0 52.5 78.7

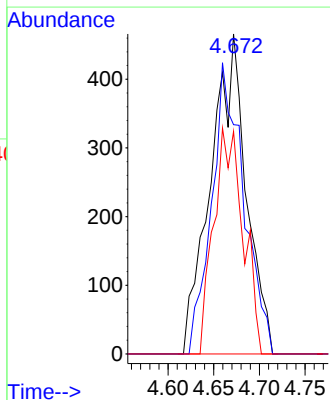
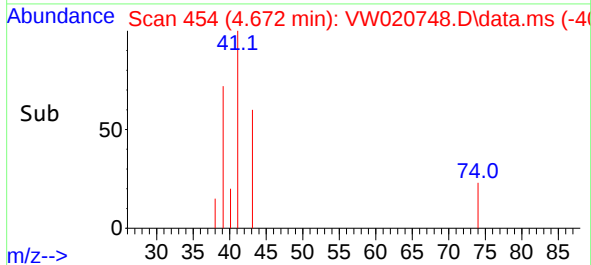
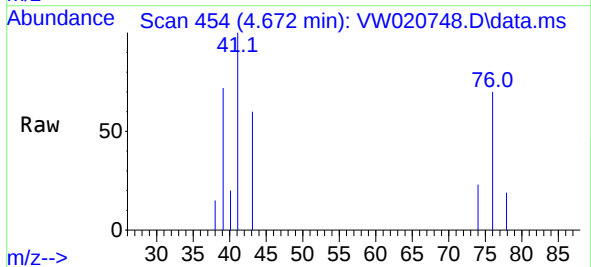
Manual Integrations
APPROVED

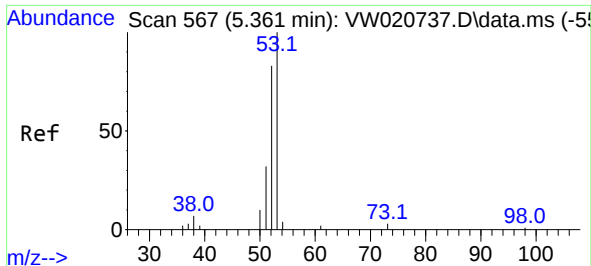
Reviewed By :Vimala Arumugam 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021



#14
Allyl chloride
Concen: 6.169 ug/l
RT: 4.672 min Scan# 454
Delta R.T. 0.006 min
Lab File: VW020748.D
Acq: 02 Nov 2021 20:04

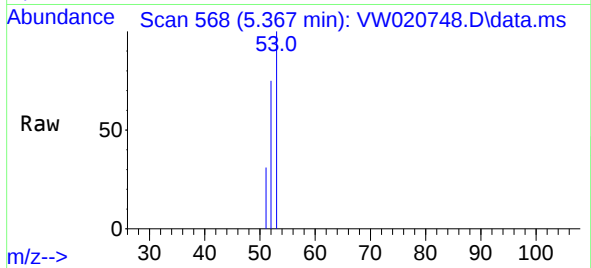
Tgt Ion: 41 Resp: 1265
Ion Ratio Lower Upper
41 100
39 81.9 67.3 100.9
76 58.1 45.8 68.8





#15
Acrylonitrile
Concen: 28.670 ug/l
RT: 5.367 min Scan# 50
Delta R.T. 0.006 min
Lab File: VW020748.D
Acq: 02 Nov 2021 20:04

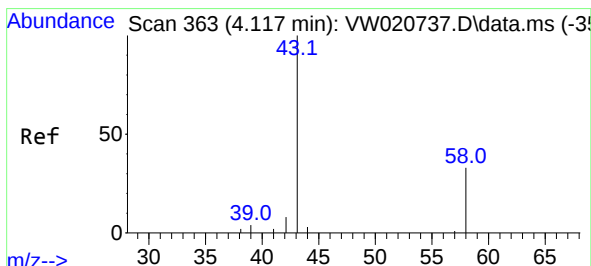
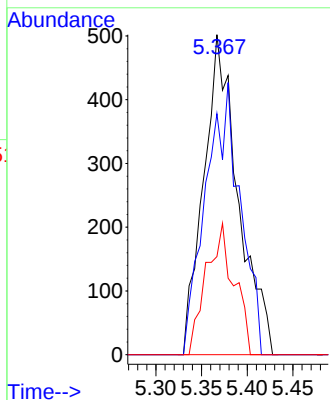
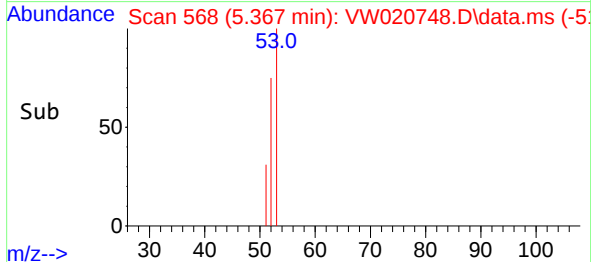
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021



Tgt Ion: 53 Resp: 131
Ion Ratio Lower Upper
53 100
52 84.9 63.7 95.5
51 33.0 27.5 41.3

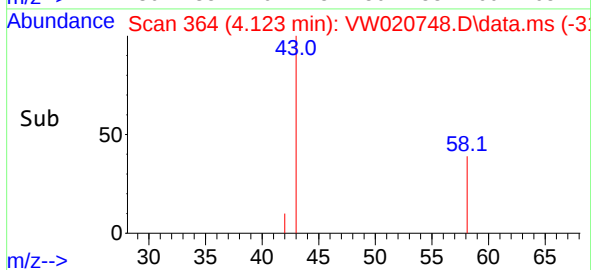
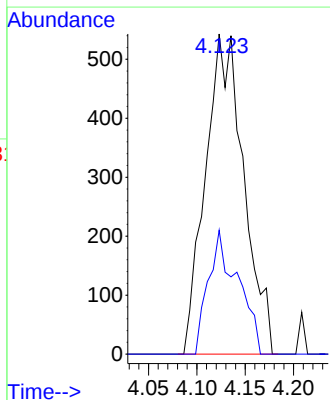
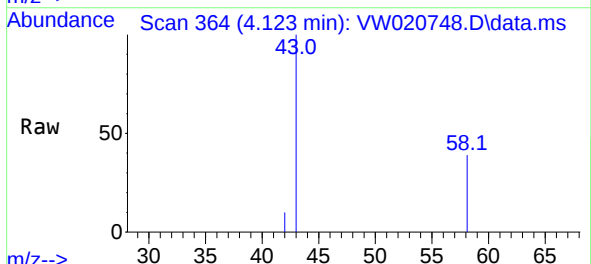
Manual Integrations
APPROVED

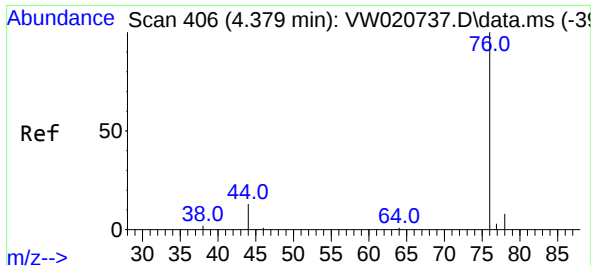
Reviewed By :Vimala Arumugam 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021



#16
Acetone
Concen: 34.754 ug/l
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW020748.D
Acq: 02 Nov 2021 20:04

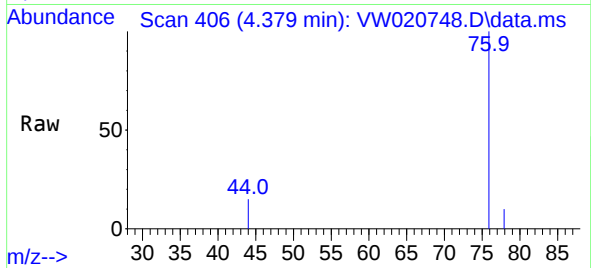
Tgt Ion: 43 Resp: 1493
Ion Ratio Lower Upper
43 100
58 38.7 27.8 41.6





#17
Carbon Disulfide
Concen: 6.451 ug/l
RT: 4.379 min Scan# 406
Delta R.T. 0.000 min
Lab File: VW020748.D
Acq: 02 Nov 2021 20:04

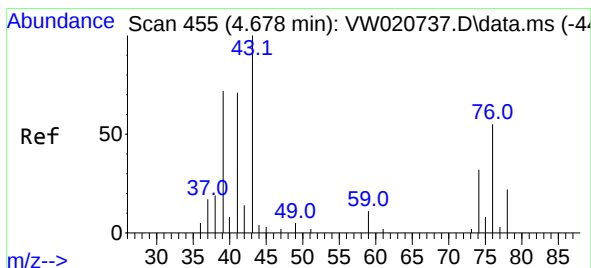
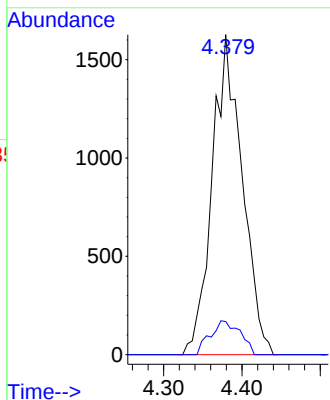
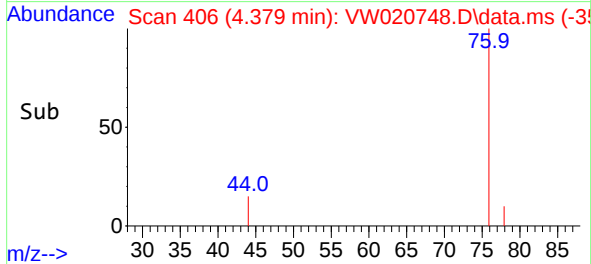
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021



Tgt Ion: 76 Resp: 4320
Ion Ratio Lower Upper
76 100
78 10.3 6.4 9.6

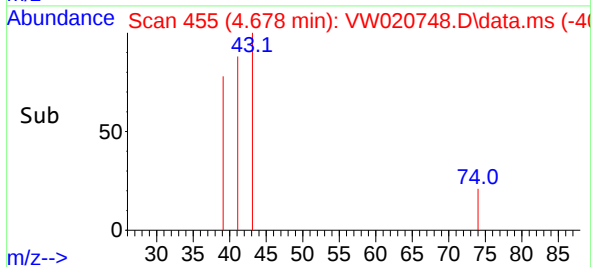
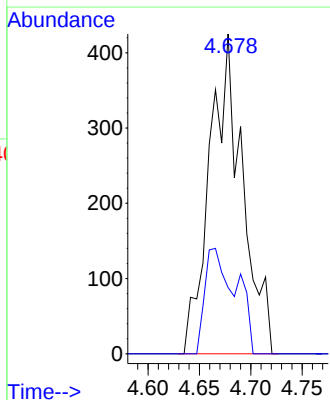
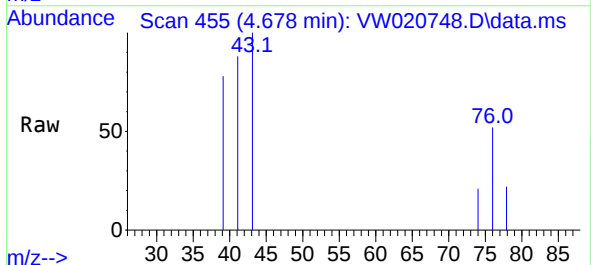
Manual Integrations
APPROVED

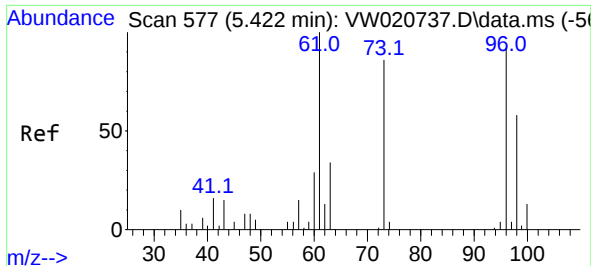
Reviewed By :Vimala Arumugam 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021



#18
Methyl Acetate
Concen: 6.333 ug/l
RT: 4.678 min Scan# 455
Delta R.T. 0.000 min
Lab File: VW020748.D
Acq: 02 Nov 2021 20:04

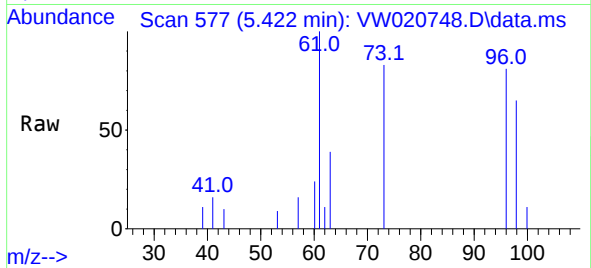
Tgt Ion: 43 Resp: 942
Ion Ratio Lower Upper
43 100
74 31.1 27.0 40.6





#19
Methyl tert-butyl Ether
Concen: 6.127 ug/l
RT: 5.422 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW020748.D
Acq: 02 Nov 2021 20:04

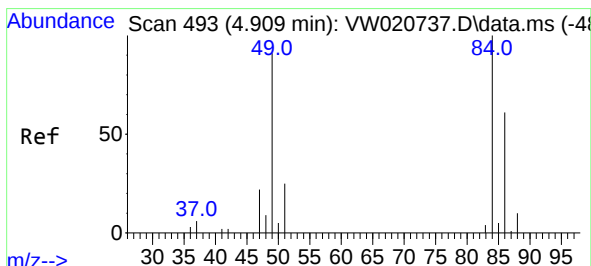
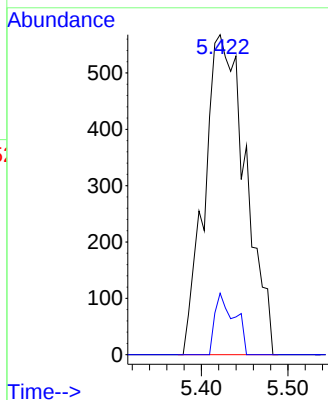
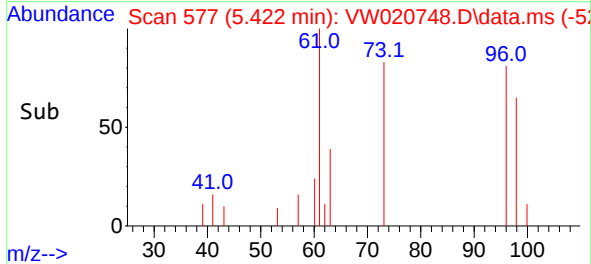
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021



Tgt Ion: 73 Resp: 1870
Ion Ratio Lower Upper
73 100
57 19.2 14.4 21.6

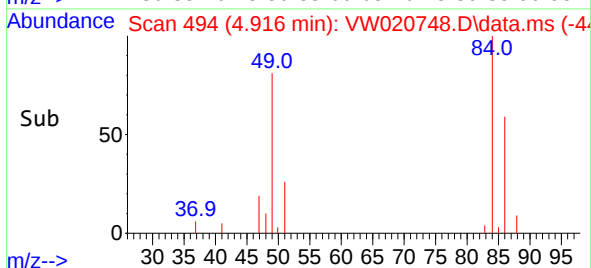
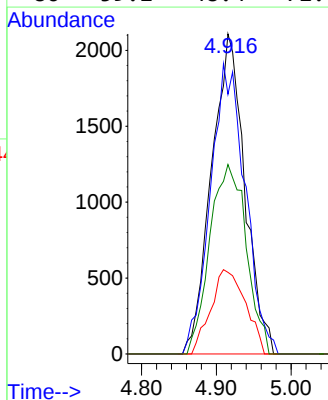
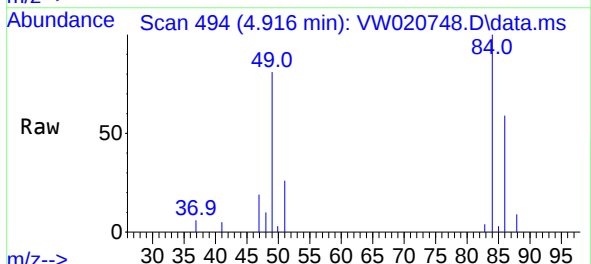
Manual Integrations
APPROVED

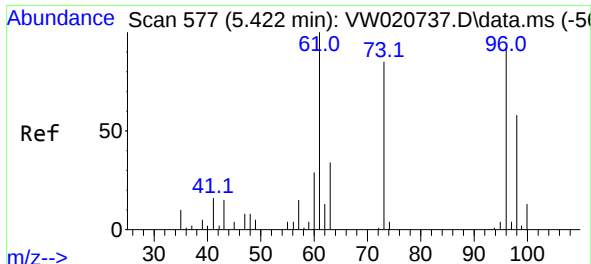
Reviewed By :Vimala Arumugam 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021



#20
Methylene Chloride
Concen: 17.505 ug/l
RT: 4.916 min Scan# 494
Delta R.T. 0.007 min
Lab File: VW020748.D
Acq: 02 Nov 2021 20:04

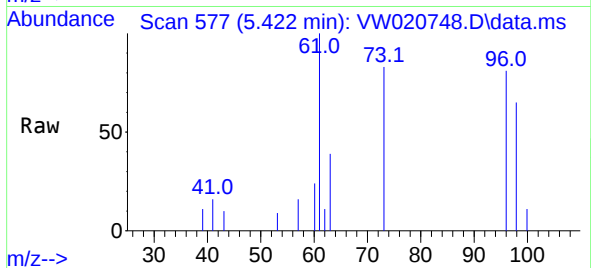
Tgt Ion: 84 Resp: 6518
Ion Ratio Lower Upper
84 100
49 81.2 72.6 108.8
51 25.5 19.7 29.5
86 59.2 48.4 72.6





#21
trans-1,2-Dichloroethene
Concen: 6.040 ug/l
RT: 5.422 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW020748.D
Acq: 02 Nov 2021 20:04

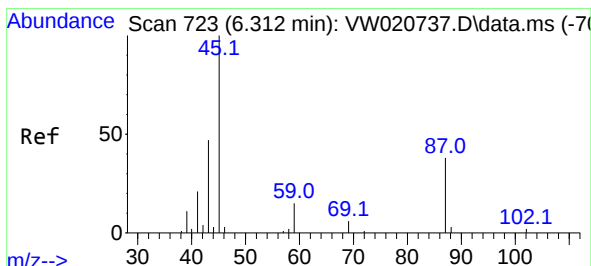
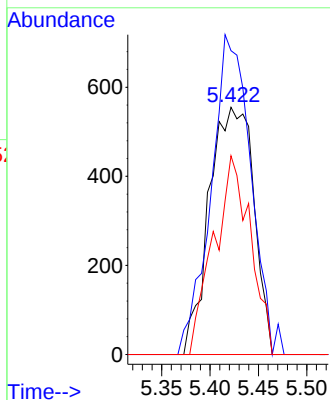
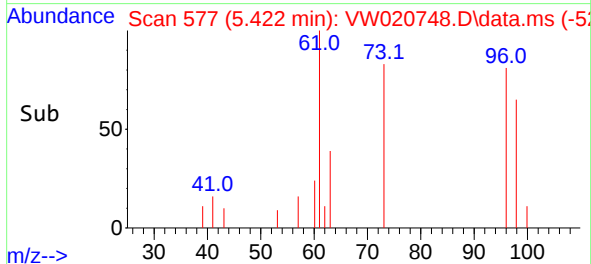
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021



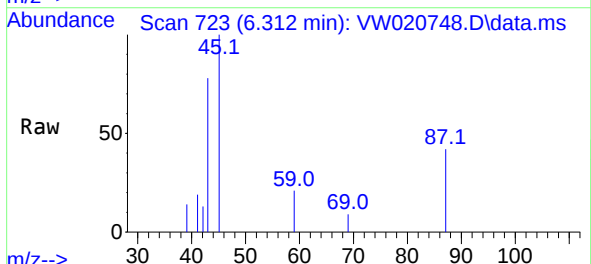
Tgt Ion: 96 Resp: 177
Ion Ratio Lower Upper
96 100
61 122.9 87.2 130.8
98 80.4 50.9 76.3

Manual Integrations
APPROVED

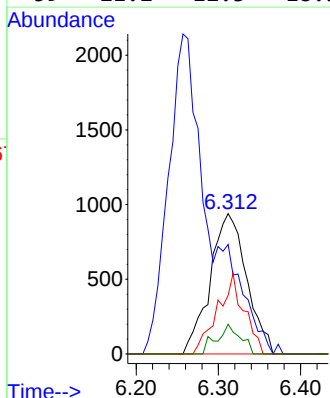
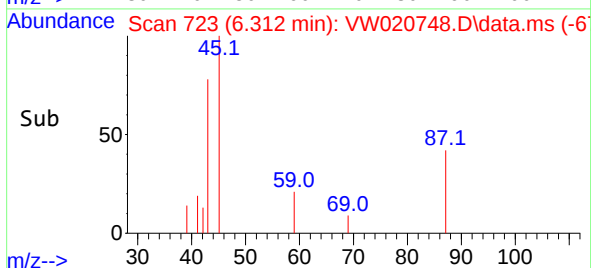
Reviewed By :Vimala Arumugam 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021

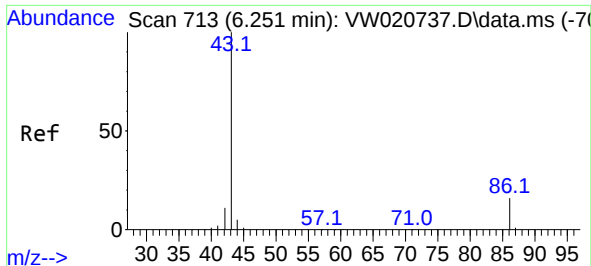


#22
Diisopropyl ether
Concen: 5.554 ug/l
RT: 6.312 min Scan# 723
Delta R.T. 0.000 min
Lab File: VW020748.D
Acq: 02 Nov 2021 20:04



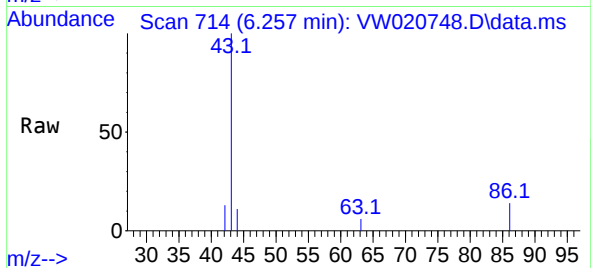
Tgt Ion: 45 Resp: 2907
Ion Ratio Lower Upper
45 100
43 71.0 44.3 66.5#
87 41.9 31.4 47.0
59 21.2 12.3 18.5#





#23
 Vinyl Acetate
 Concen: 25.995 ug/l m
 RT: 6.257 min Scan# 713
 Delta R.T. 0.006 min
 Lab File: VW020748.D
 Acq: 02 Nov 2021 20:04

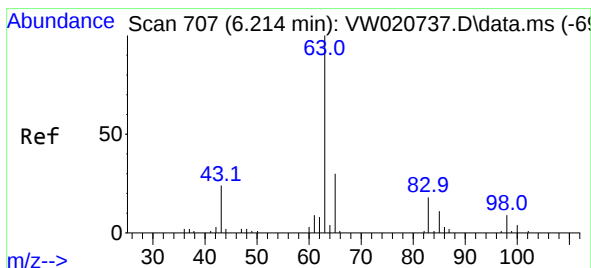
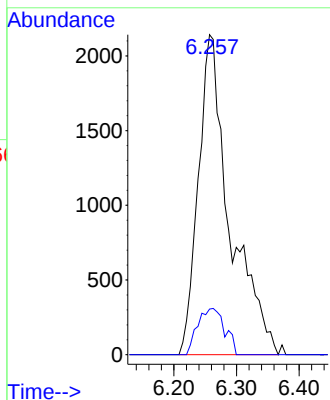
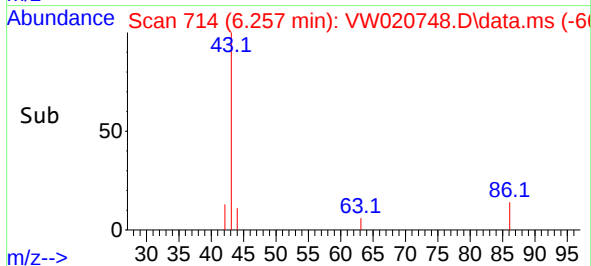
Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SOIL-02-QT4-2021



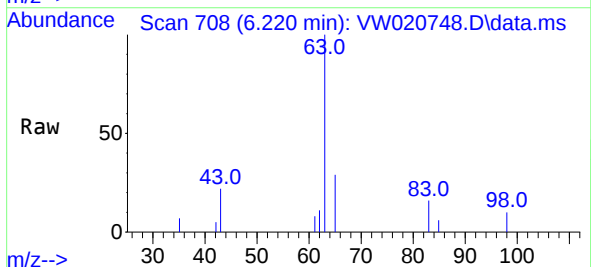
Tgt Ion: 43 Resp: 751
 Ion Ratio Lower Upper
 43 100
 86 14.2 13.0 19.4

Manual Integrations
 APPROVED

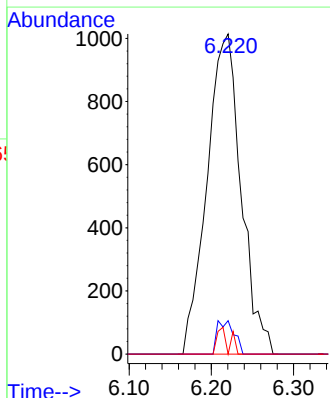
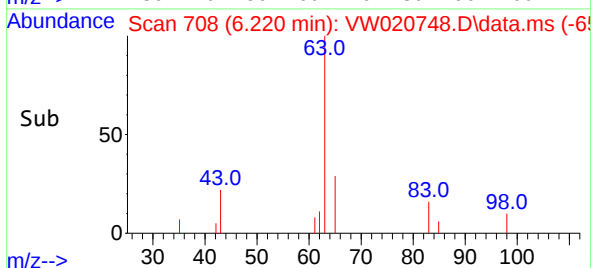
Reviewed By :Vimala Arumugam 11/03/2021
 Supervised By :Mahesh Dadoda 11/03/2021

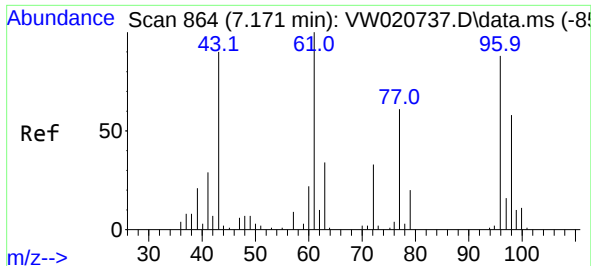


#24
 1,1-Dichloroethane
 Concen: 6.493 ug/l
 RT: 6.220 min Scan# 708
 Delta R.T. 0.006 min
 Lab File: VW020748.D
 Acq: 02 Nov 2021 20:04



Tgt Ion: 63 Resp: 2927
 Ion Ratio Lower Upper
 63 100
 98 10.5 4.4 13.2
 100 0.0 2.1 6.2#





#25

2-Butanone

Concen: 27.187 ug/l

RT: 7.177 min Scan# 865

Delta R.T. 0.006 min

Lab File: VW020748.D

Acq: 02 Nov 2021 20:04

Instrument :

MSVOA_W

ClientSampleId :

LOQ-SOIL-02-QT4-2021

Tgt Ion: 43 Resp: 149

Ion Ratio Lower Upper

43 100

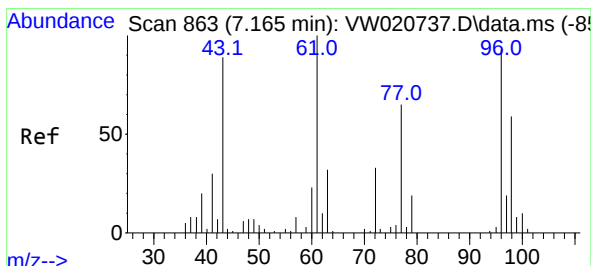
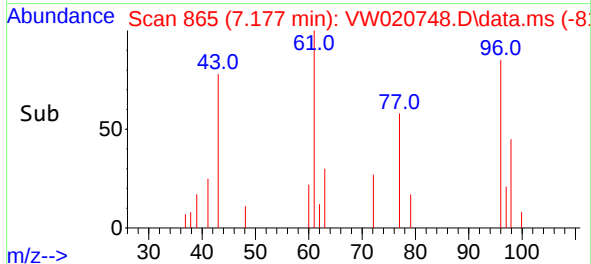
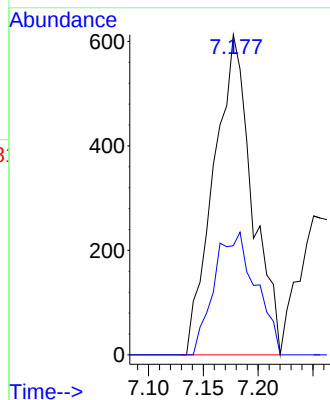
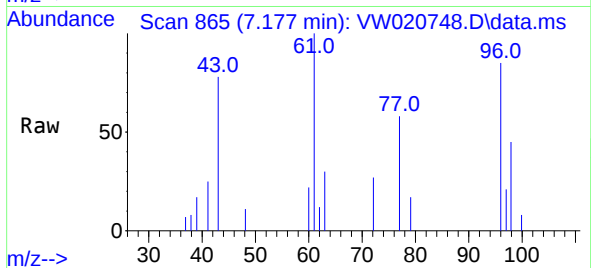
72 34.1 29.3 43.9

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/03/2021

Supervised By :Mahesh Dadoda 11/03/2021



#26

2,2-Dichloropropane

Concen: 6.775 ug/l

RT: 7.159 min Scan# 862

Delta R.T. -0.006 min

Lab File: VW020748.D

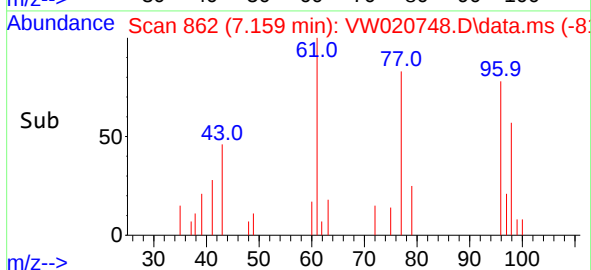
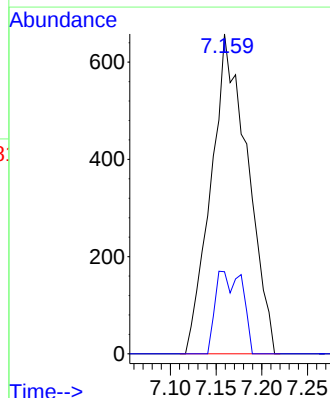
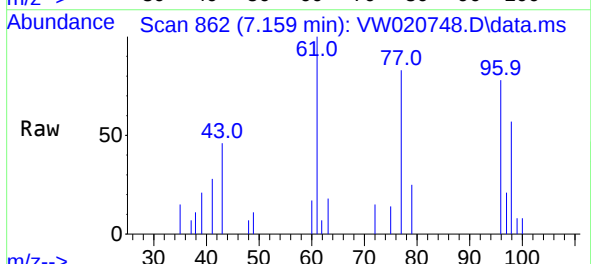
Acq: 02 Nov 2021 20:04

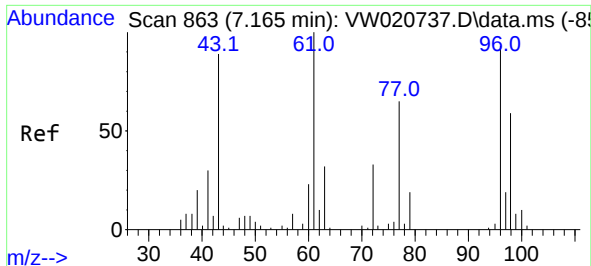
Tgt Ion: 77 Resp: 1830

Ion Ratio Lower Upper

77 100

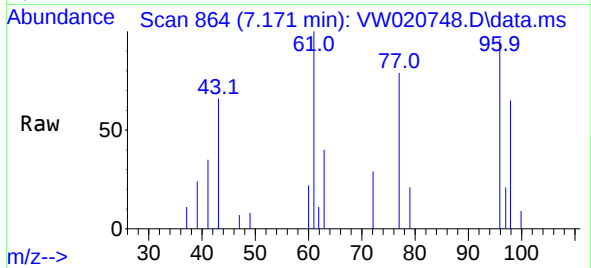
97 18.9 13.5 40.5





#27
 cis-1,2-Dichloroethene
 Concen: 5.524 ug/l
 RT: 7.171 min Scan# 864
 Delta R.T. 0.006 min
 Lab File: VW020748.D
 Acq: 02 Nov 2021 20:04

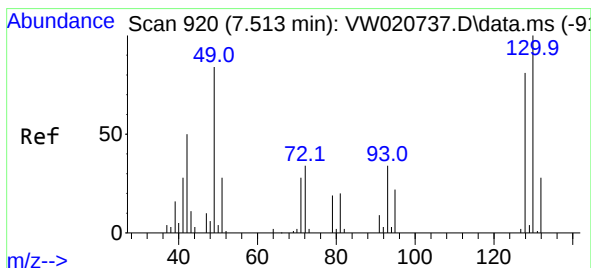
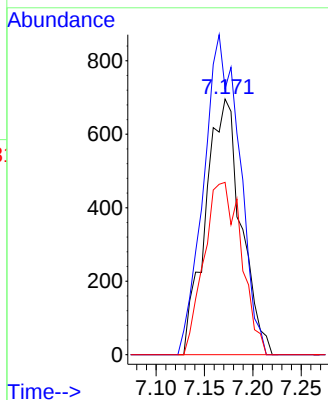
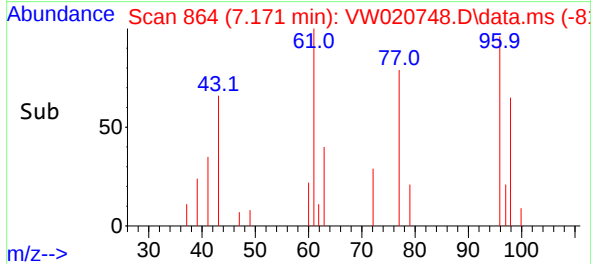
Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SOIL-02-QT4-2021



Tgt Ion: 96 Resp: 178
 Ion Ratio Lower Upper
 96 100
 61 126.1 0.0 234.8
 98 70.8 0.0 135.4

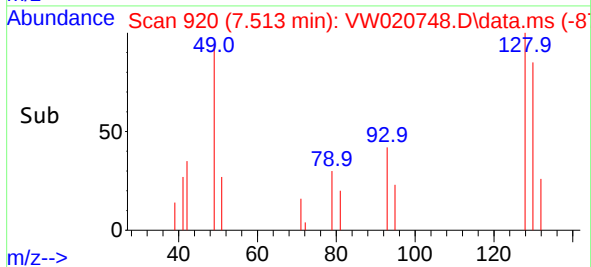
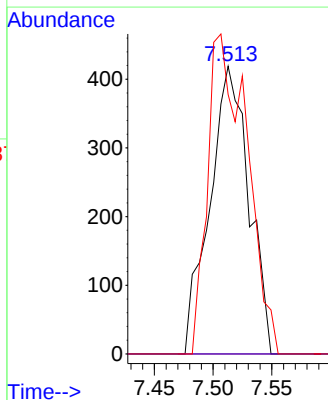
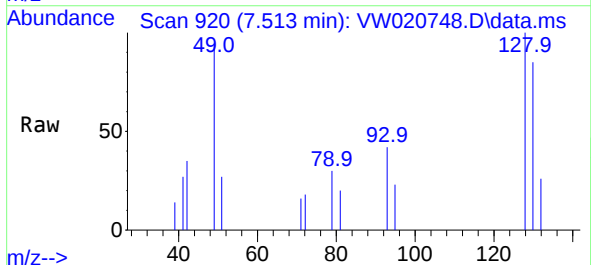
Manual Integrations
 APPROVED

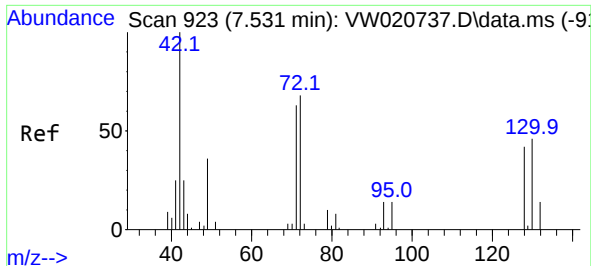
Reviewed By :Vimala Arumugam 11/03/2021
 Supervised By :Mahesh Dadoda 11/03/2021



#28
 Bromochloromethane
 Concen: 5.396 ug/l
 RT: 7.513 min Scan# 920
 Delta R.T. 0.000 min
 Lab File: VW020748.D
 Acq: 02 Nov 2021 20:04

Tgt Ion: 49 Resp: 972
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 7.6
 130 112.1 88.2 132.2





#29

Tetrahydrofuran

Concen: 28.164 ug/l

RT: 7.531 min Scan# 914

Delta R.T. 0.000 min

Lab File: VW020748.D

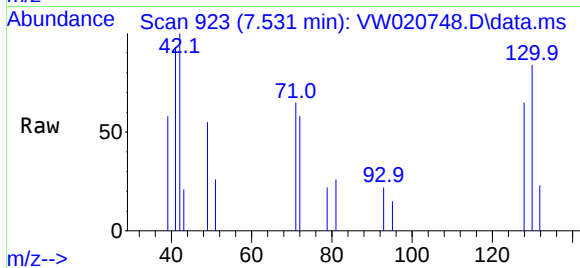
Acq: 02 Nov 2021 20:04

Instrument :

MSVOA_W

ClientSampleId :

LOQ-SOIL-02-QT4-2021



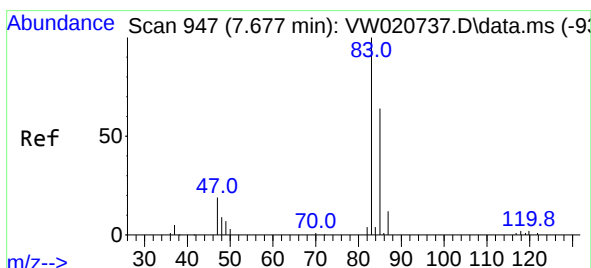
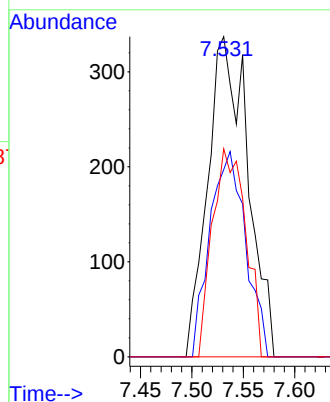
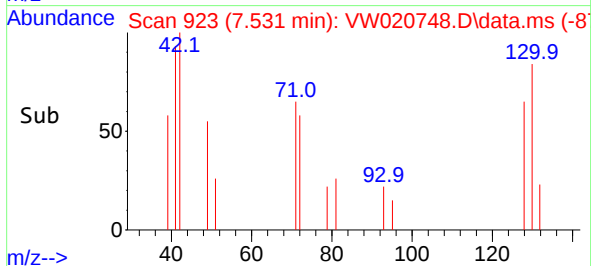
Tgt Ion: 42 Resp: 914

Ion	Ratio	Lower	Upper
42	100		
72	57.2	53.0	79.4
71	53.8	49.4	74.2

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021



#30

Chloroform

Concen: 6.681 ug/l

RT: 7.683 min Scan# 948

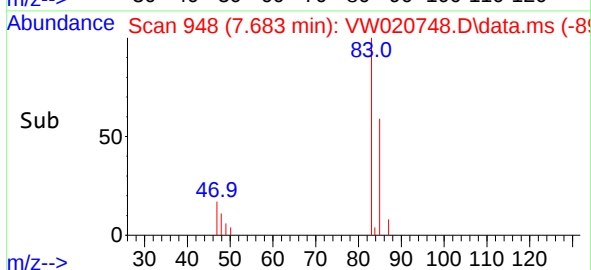
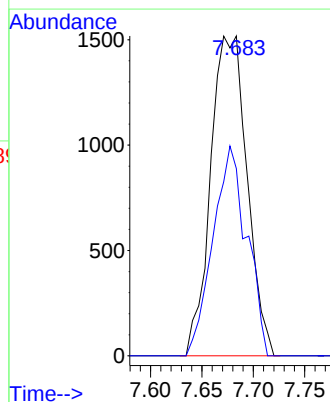
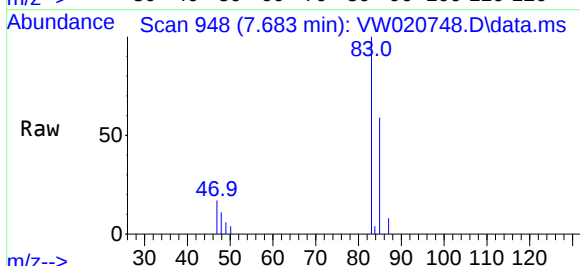
Delta R.T. 0.006 min

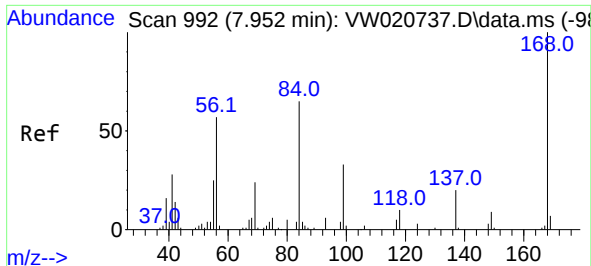
Lab File: VW020748.D

Acq: 02 Nov 2021 20:04

Tgt Ion: 83 Resp: 3743

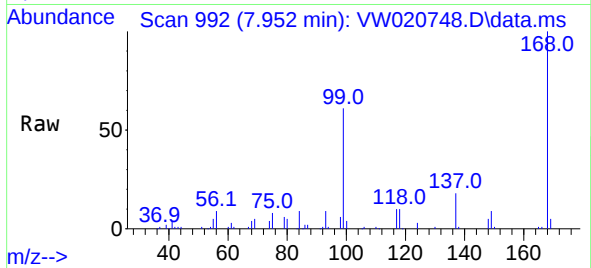
Ion	Ratio	Lower	Upper
83	100		
85	58.6	51.2	76.8





#31
Cyclohexane
Concen: 6.468 ug/l
RT: 7.952 min Scan# 992
Delta R.T. -0.000 min
Lab File: VW020748.D
Acq: 02 Nov 2021 20:04

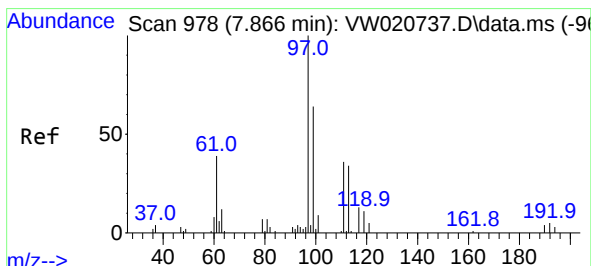
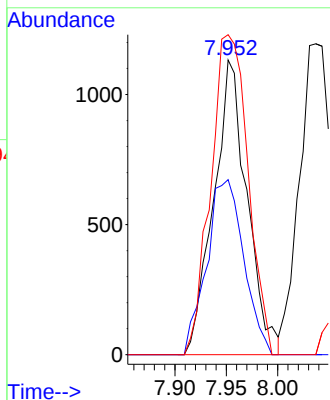
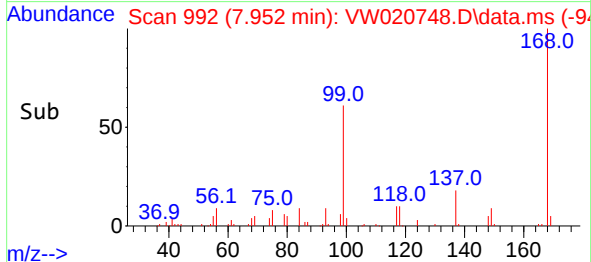
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021



Tgt Ion: 56 Resp: 2570
Ion Ratio Lower Upper
56 100
69 59.4 34.2 51.2
84 108.6 92.3 138.5

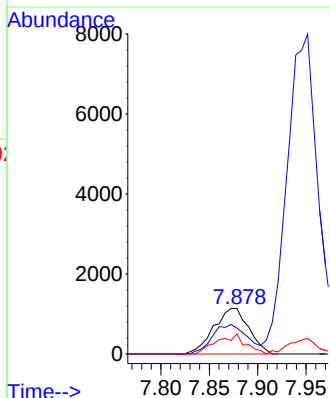
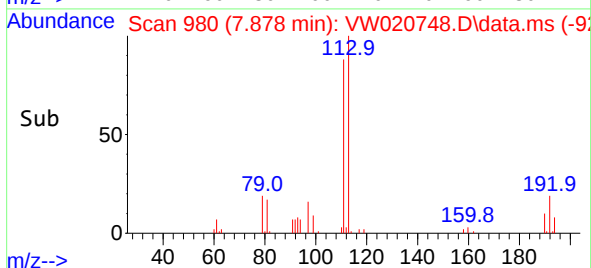
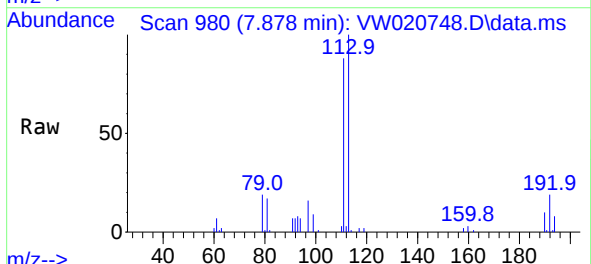
Manual Integrations
APPROVED

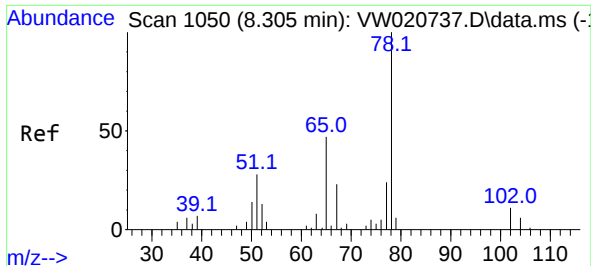
Reviewed By :Vimala Arumugam 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021



#32
1,1,1-Trichloroethane
Concen: 6.420 ug/l
RT: 7.878 min Scan# 980
Delta R.T. 0.012 min
Lab File: VW020748.D
Acq: 02 Nov 2021 20:04

Tgt Ion: 97 Resp: 2864
Ion Ratio Lower Upper
97 100
99 64.8 52.1 78.1
61 36.1 30.2 45.2





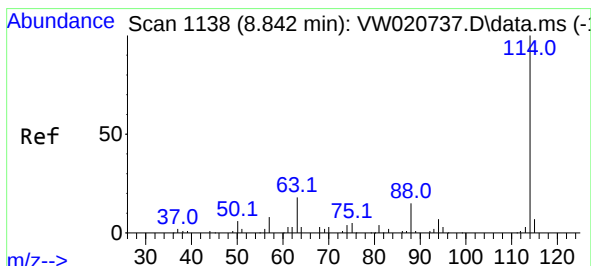
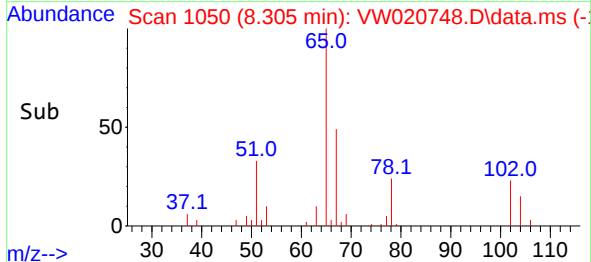
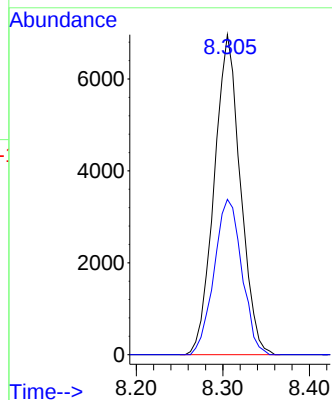
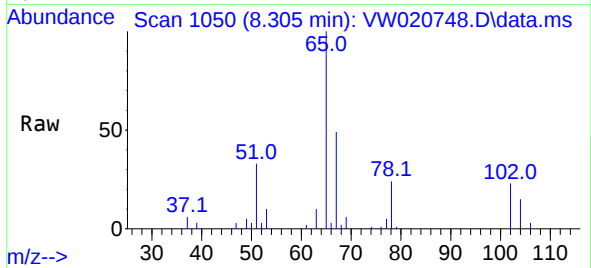
#33
1,2-Dichloroethane-d4
Concen: 49.688 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW020748.D
Acq: 02 Nov 2021 20:04

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

Tgt Ion: 65 Resp: 14652
Ion Ratio Lower Upper
65 100
67 51.3 0.0 100.8

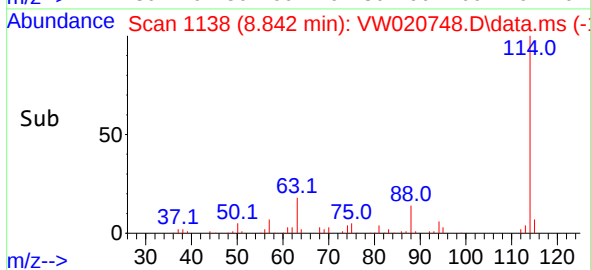
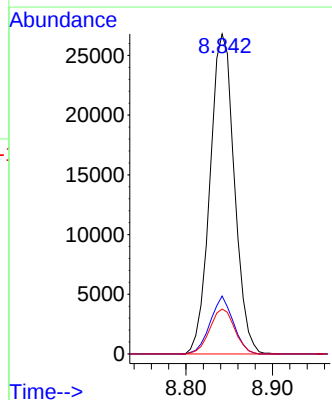
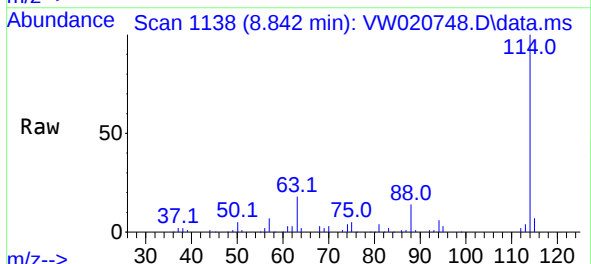
Manual Integrations
APPROVED

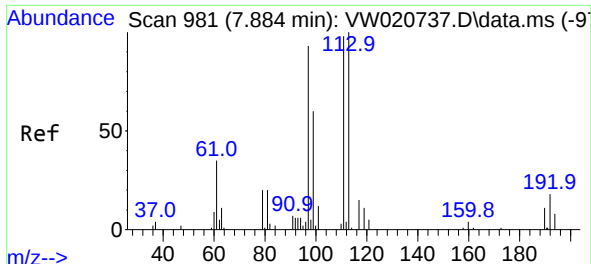
Reviewed By :Vimala Arumugam 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.842 min Scan# 1138
Delta R.T. -0.000 min
Lab File: VW020748.D
Acq: 02 Nov 2021 20:04

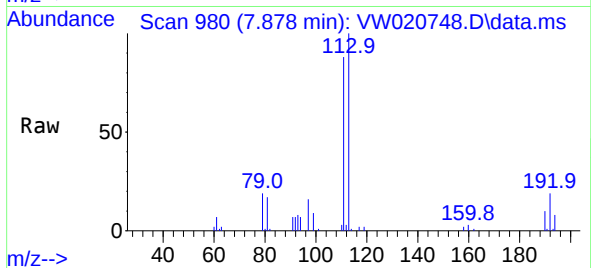
Tgt Ion:114 Resp: 52316
Ion Ratio Lower Upper
114 100
63 18.1 0.0 35.8
88 14.0 0.0 30.8





#35
Dibromofluoromethane
Concen: 49.370 ug/l
RT: 7.878 min Scan# 981
Delta R.T. -0.006 min
Lab File: VW020748.D
Acq: 02 Nov 2021 20:04

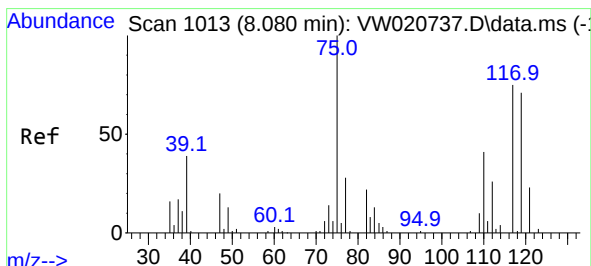
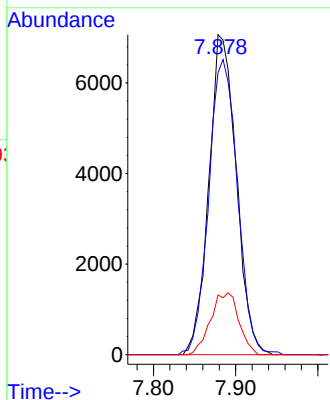
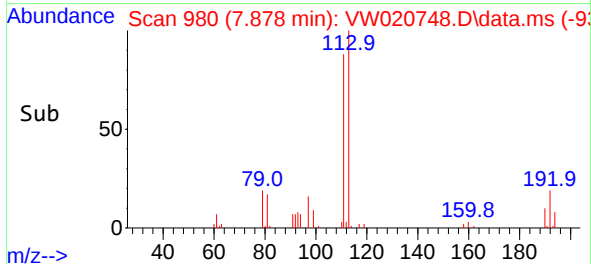
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021



Tgt Ion: 113 Resp: 1641
Ion Ratio Lower Upper
113 100
111 96.4 81.7 122.5
192 19.9 14.7 22.1

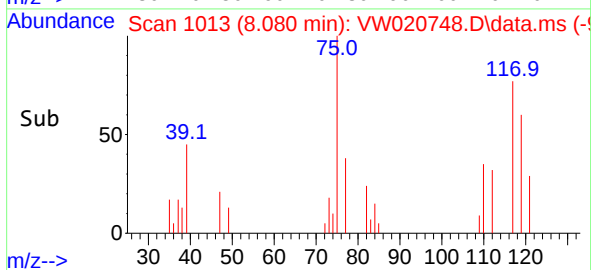
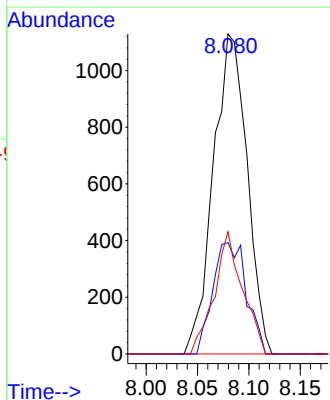
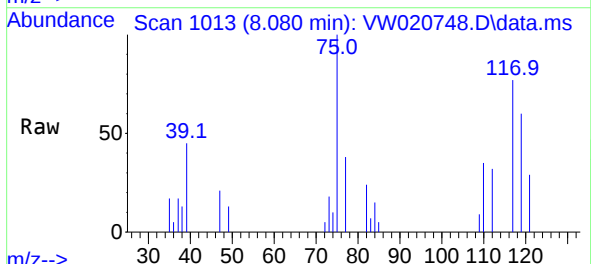
Manual Integrations
APPROVED

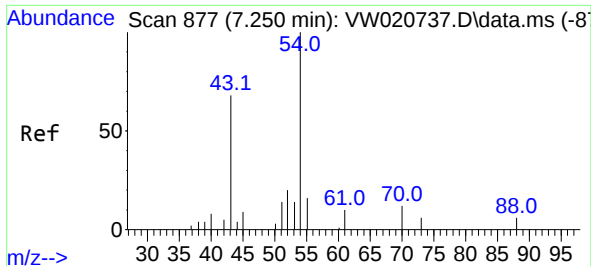
Reviewed By :Vimala Arumugam 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021



#36
1,1-Dichloropropene
Concen: 6.118 ug/l
RT: 8.080 min Scan# 1013
Delta R.T. 0.000 min
Lab File: VW020748.D
Acq: 02 Nov 2021 20:04

Tgt Ion: 75 Resp: 2576
Ion Ratio Lower Upper
75 100
110 34.6 20.3 60.8
77 32.1 24.2 36.4





#37

Ethyl Acetate

Concen: 5.358 ug/l

RT: 7.251 min Scan# 81

Delta R.T. 0.000 min

Lab File: VW020748.D

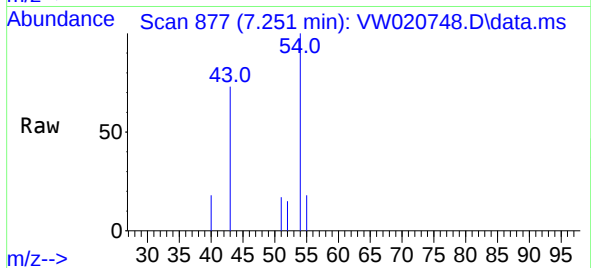
Acq: 02 Nov 2021 20:04

Instrument :

MSVOA_W

ClientSampleId :

LOQ-SOIL-02-QT4-2021



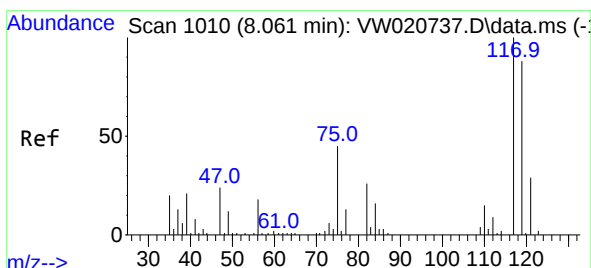
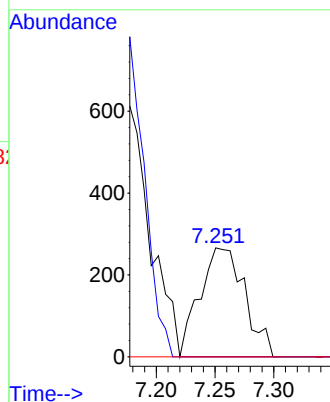
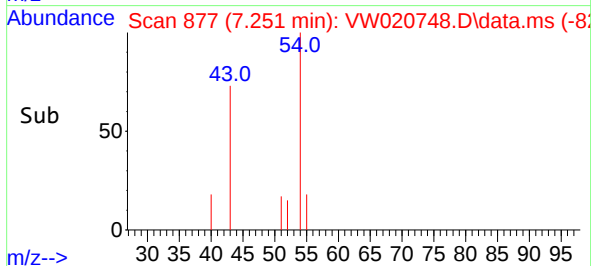
Tgt Ion: 43 Resp: 709

Ion	Ratio	Lower	Upper
43	100		
61	0.0	13.4	20.0
70	0.0	11.4	17.0

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021



#38

Carbon Tetrachloride

Concen: 5.965 ug/l

RT: 8.061 min Scan# 1010

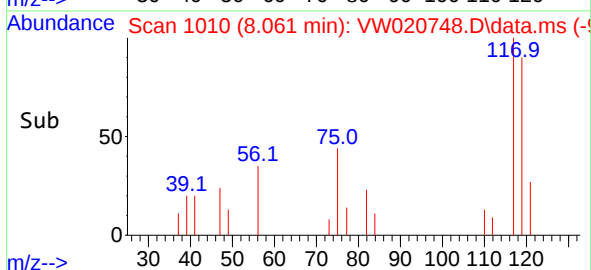
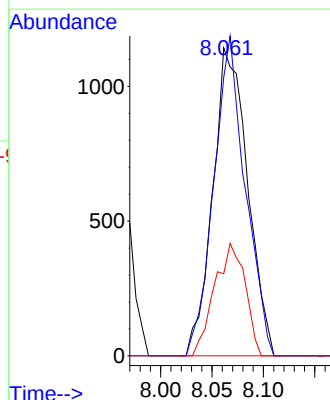
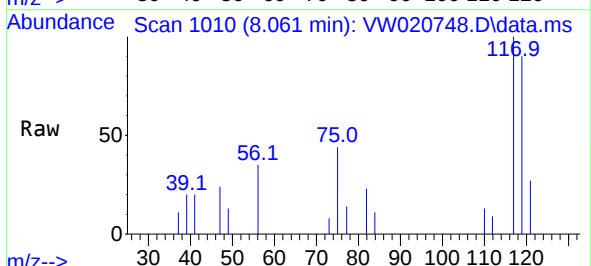
Delta R.T. 0.000 min

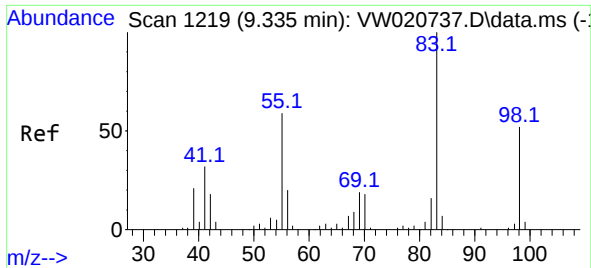
Lab File: VW020748.D

Acq: 02 Nov 2021 20:04

Tgt Ion:117 Resp: 2689

Ion	Ratio	Lower	Upper
117	100		
119	90.4	70.6	106.0
121	26.7	23.3	34.9





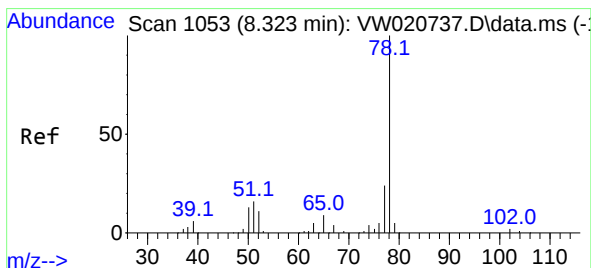
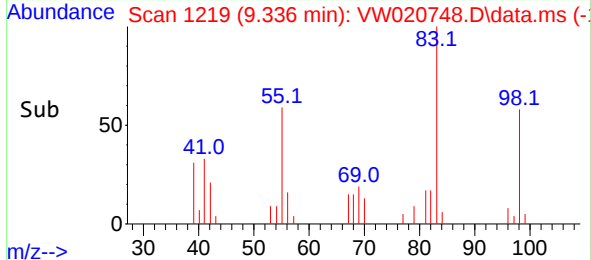
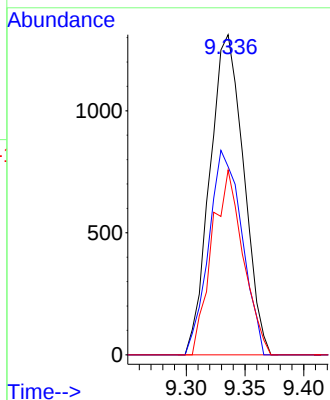
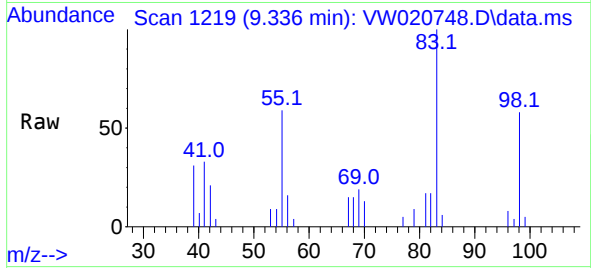
#39
Methylcyclohexane
Concen: 5.170 ug/l
RT: 9.336 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW020748.D
Acq: 02 Nov 2021 20:04

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

Tgt Ion: 83 Resp: 2620
Ion Ratio Lower Upper
83 100
55 58.8 47.4 71.0
98 57.7 41.8 62.6

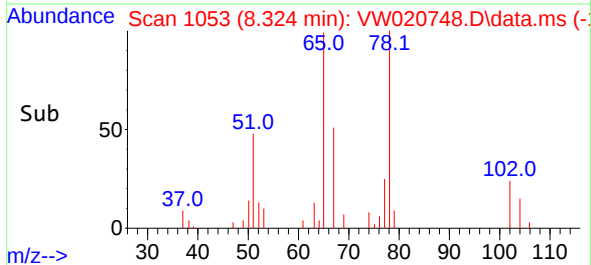
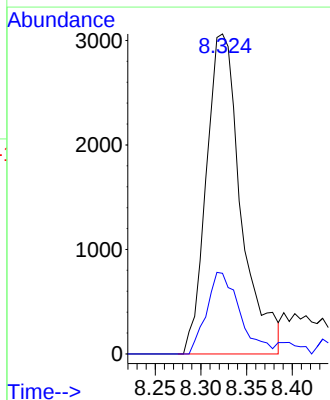
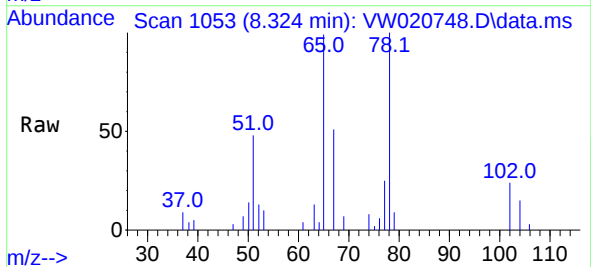
Manual Integrations
APPROVED

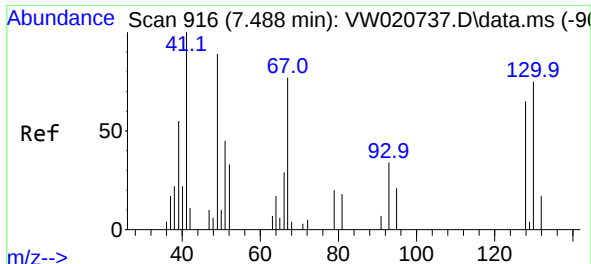
Reviewed By :Vimala Arumugam 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021



#40
Benzene
Concen: 6.668 ug/l
RT: 8.324 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW020748.D
Acq: 02 Nov 2021 20:04

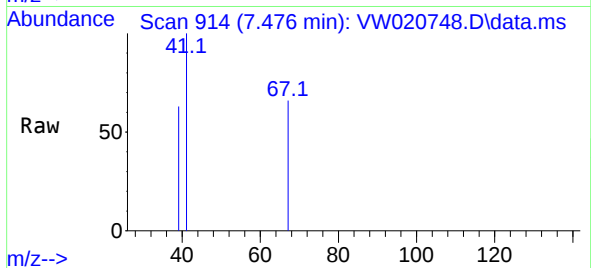
Tgt Ion: 78 Resp: 8089
Ion Ratio Lower Upper
78 100
77 25.2 19.0 28.4





#41
Methacrylonitrile
Concen: 5.350 ug/l
RT: 7.476 min Scan# 914
Delta R.T. -0.012 min
Lab File: VW020748.D
Acq: 02 Nov 2021 20:04

Instrument : MSVOA_W
ClientSampleId : LOQ-SOIL-02-QT4-2021

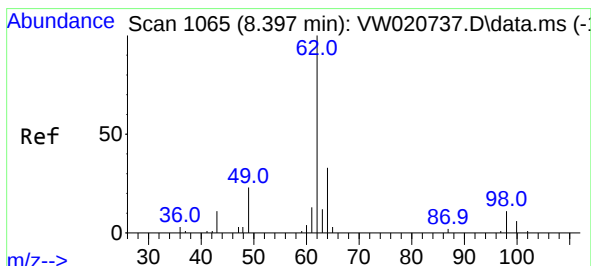
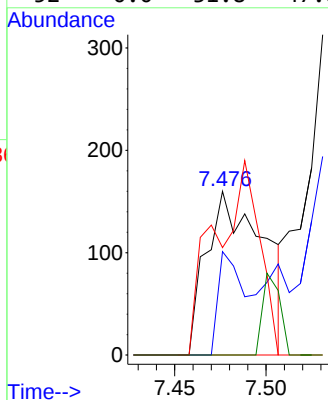
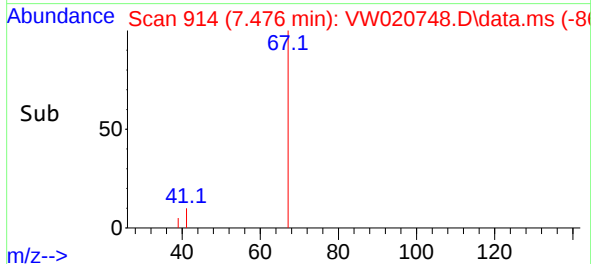


Tgt Ion: 41 Resp: 349

Ion	Ratio	Lower	Upper
41	100		
39	25.8	51.6	77.4
67	0.0	81.0	121.4
52	0.0	31.8	47.8

Manual Integrations
APPROVED

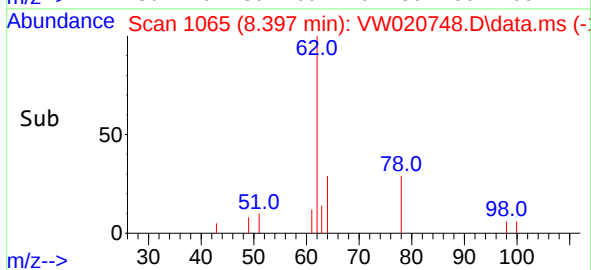
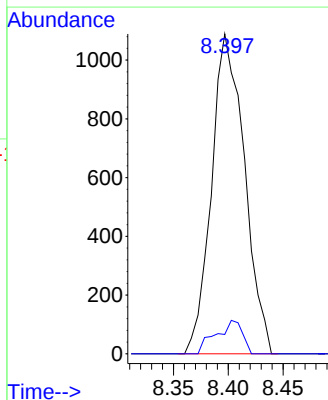
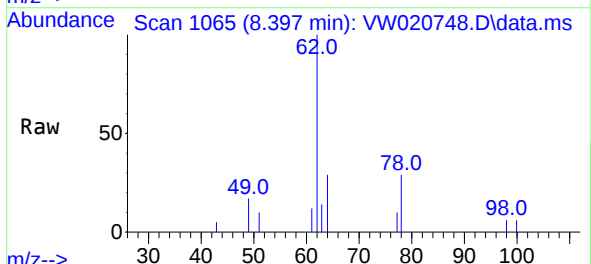
Reviewed By :Vimala Arumugam 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021

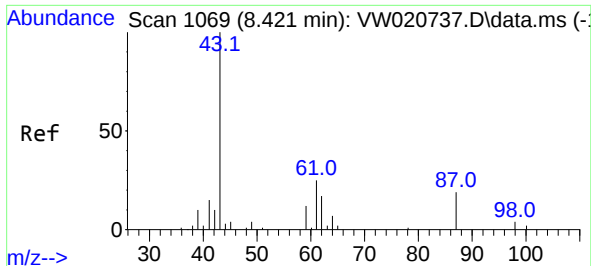


#42
1,2-Dichloroethane
Concen: 6.577 ug/l
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW020748.D
Acq: 02 Nov 2021 20:04

Tgt Ion: 62 Resp: 2279

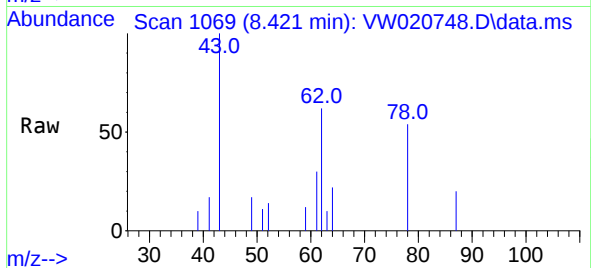
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	21.6





#43
Isopropyl Acetate
Concen: 5.203 ug/l
RT: 8.421 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VW020748.D
Acq: 02 Nov 2021 20:04

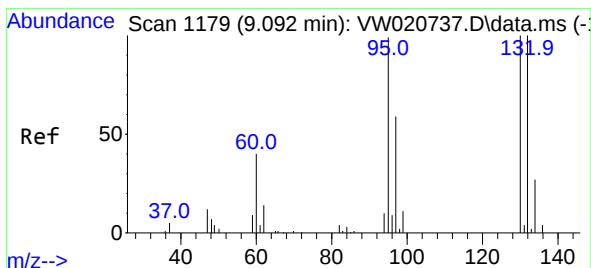
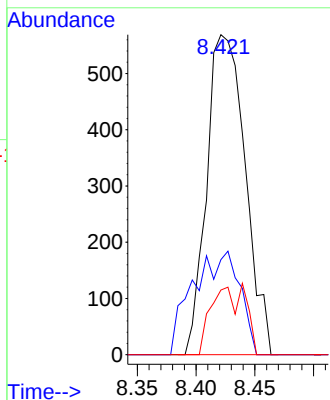
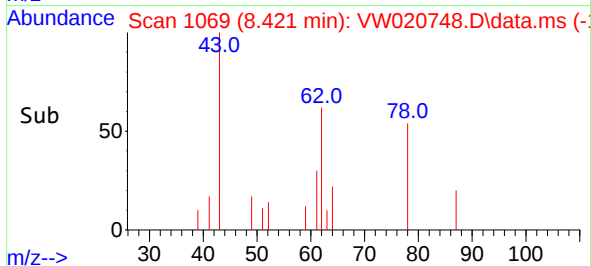
Instrument : MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021



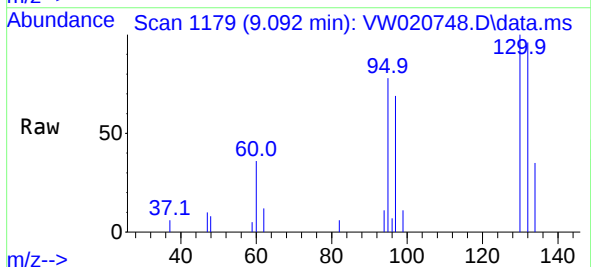
Tgt Ion: 43 Resp: 1290
Ion Ratio Lower Upper
43 100
61 39.6 30.0 45.0
87 19.1 15.0 22.4

Manual Integrations
APPROVED

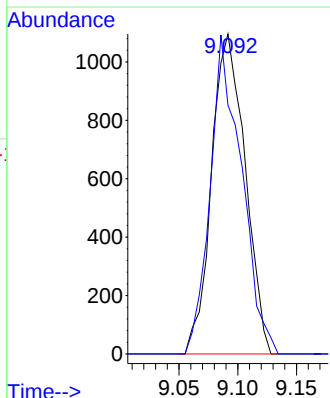
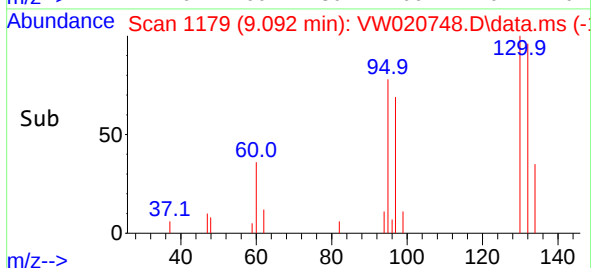
Reviewed By :Vimala Arumugam 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021

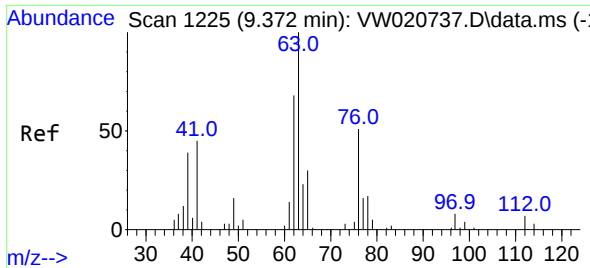


#44
Trichloroethene
Concen: 5.853 ug/l
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW020748.D
Acq: 02 Nov 2021 20:04



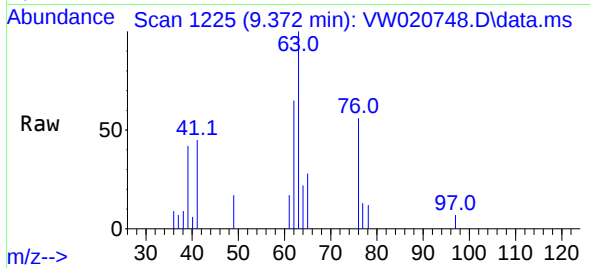
Tgt Ion:130 Resp: 2178
Ion Ratio Lower Upper
130 100
95 77.7 0.0 198.6





#45
1,2-Dichloropropane
Concen: 6.192 ug/l
RT: 9.372 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VW020748.D
Acq: 02 Nov 2021 20:04

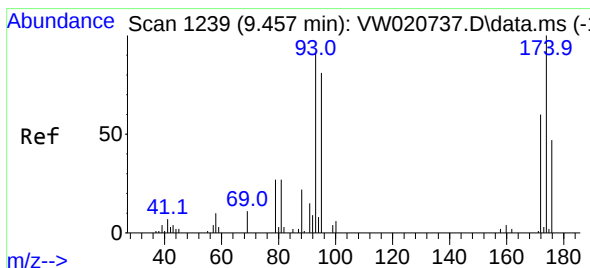
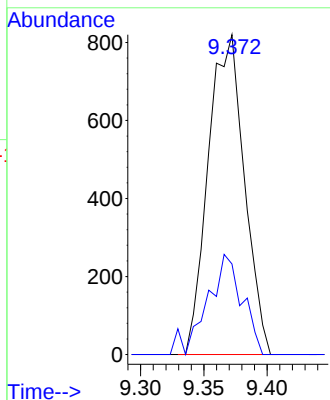
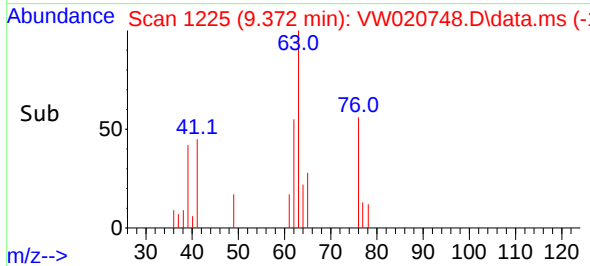
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021



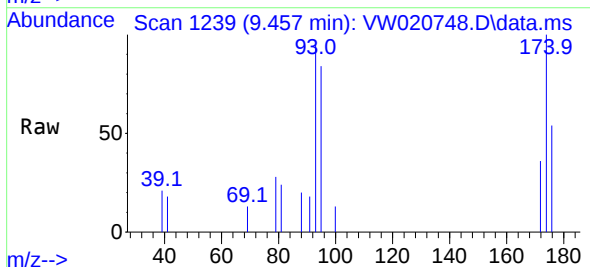
Tgt Ion: 63 Resp: 162
Ion Ratio Lower Upper
63 100
65 28.3 24.2 36.2

Manual Integrations
APPROVED

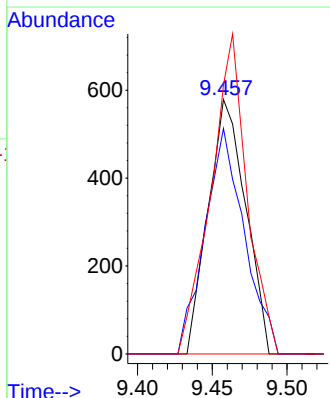
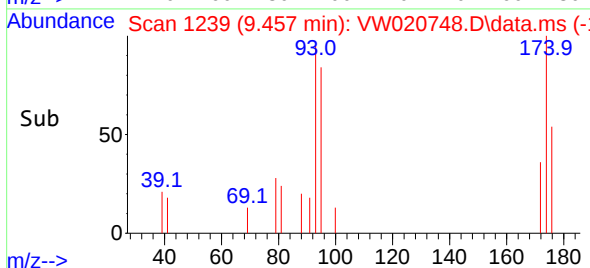
Reviewed By :Vimala Arumugam 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021

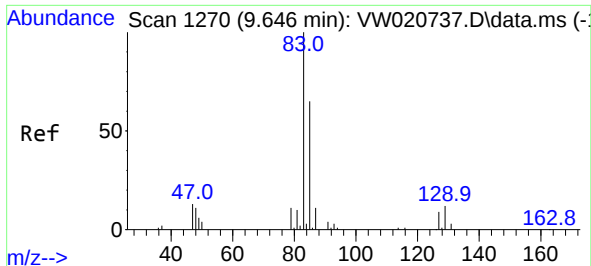


#46
Dibromomethane
Concen: 5.445 ug/l
RT: 9.457 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW020748.D
Acq: 02 Nov 2021 20:04



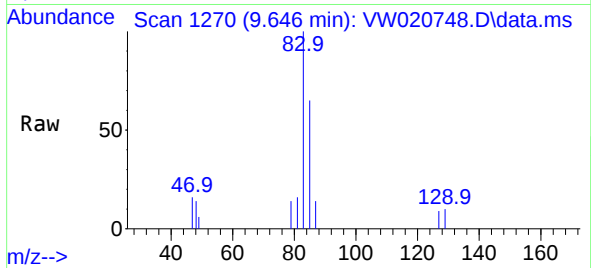
Tgt Ion: 93 Resp: 1008
Ion Ratio Lower Upper
93 100
95 92.9 68.6 103.0
174 120.9 87.8 131.8





#47
Bromodichloromethane
Concen: 5.847 ug/l
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW020748.D
Acq: 02 Nov 2021 20:04

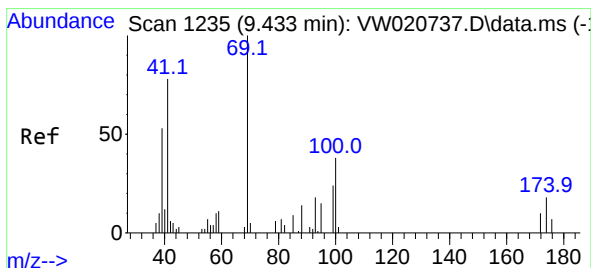
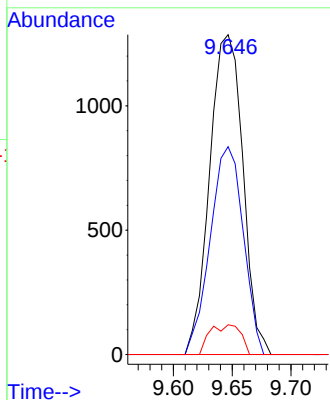
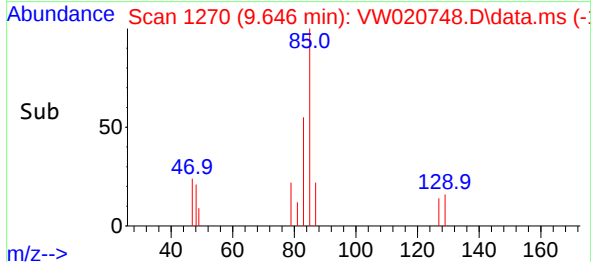
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021



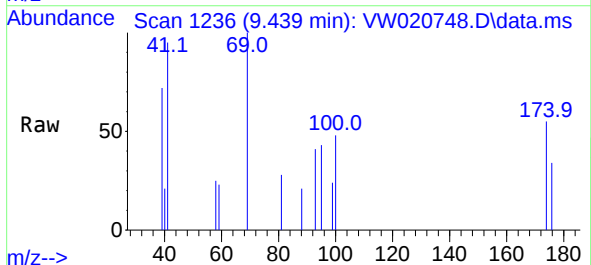
Tgt Ion: 83 Resp: 253
Ion Ratio Lower Upper
83 100
85 65.0 51.9 77.9
127 9.3 7.6 11.4

Manual Integrations
APPROVED

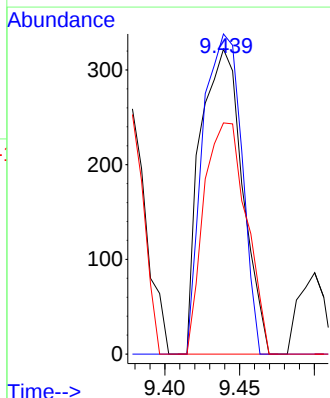
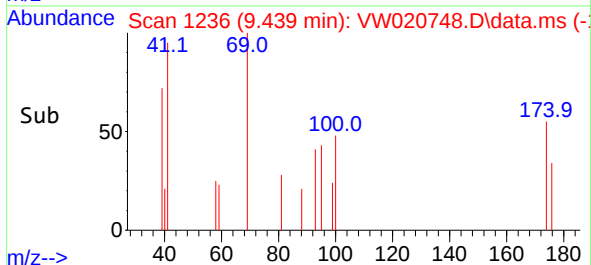
Reviewed By :Vimala Arumugam 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021

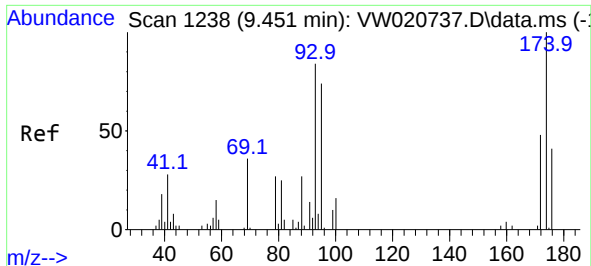


#48
Methyl methacrylate
Concen: 5.572 ug/l
RT: 9.439 min Scan# 1236
Delta R.T. 0.006 min
Lab File: VW020748.D
Acq: 02 Nov 2021 20:04



Tgt Ion: 41 Resp: 631
Ion Ratio Lower Upper
41 100
69 96.7 96.4 144.6
39 76.4 51.9 77.9





#49

1,4-Dioxane

Concen: 110.012 ug/l

RT: 9.445 min Scan# 1237

Delta R.T. -0.006 min

Lab File: VW020748.D

Acq: 02 Nov 2021 20:04

Instrument :

MSVOA_W

ClientSampleId :

LOQ-SOIL-02-QT4-2021

Tgt Ion: 88 Resp: 245

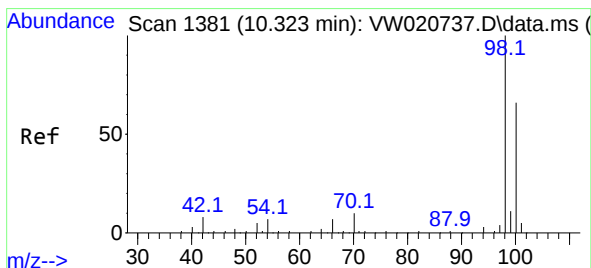
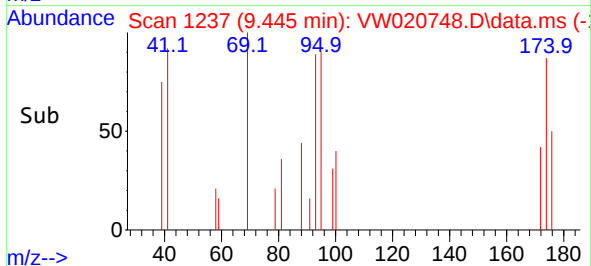
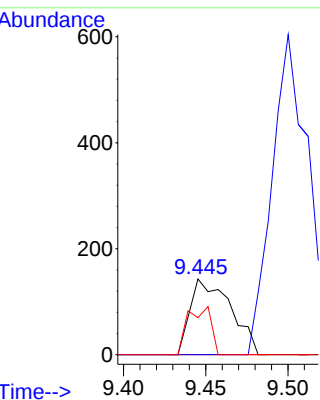
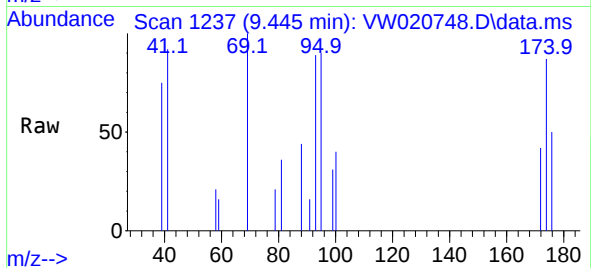
Ion	Ratio	Lower	Upper
88	100		
43	0.0	19.0	28.6
58	36.3	46.2	69.4

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/03/2021

Supervised By :Mahesh Dadoda 11/03/2021



#50

Toluene-d8

Concen: 46.391 ug/l

RT: 10.323 min Scan# 1381

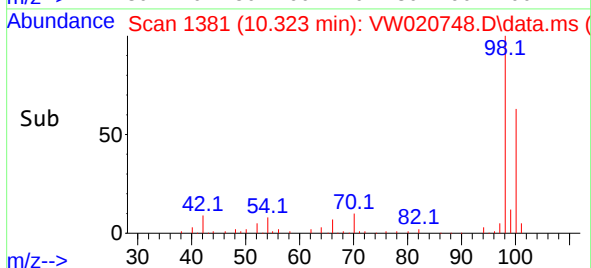
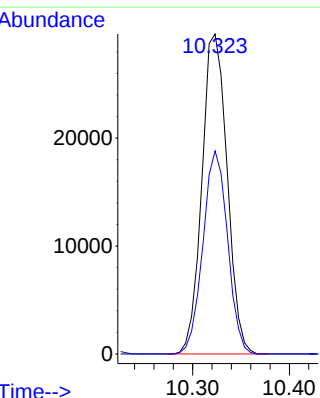
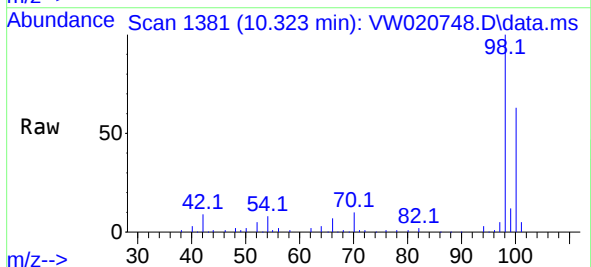
Delta R.T. 0.000 min

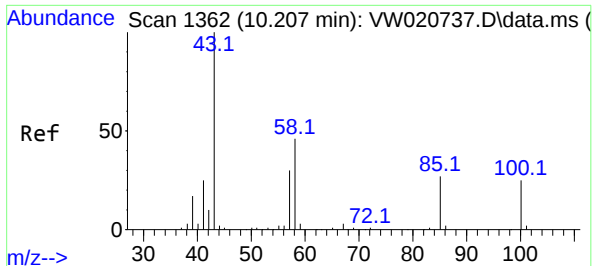
Lab File: VW020748.D

Acq: 02 Nov 2021 20:04

Tgt Ion: 98 Resp: 53720

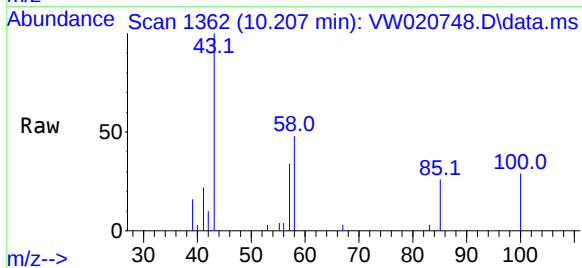
Ion	Ratio	Lower	Upper
98	100		
100	61.9	50.2	75.4





#51
4-Methyl-2-Pentanone
Concen: 26.533 ug/l
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW020748.D
Acq: 02 Nov 2021 20:04

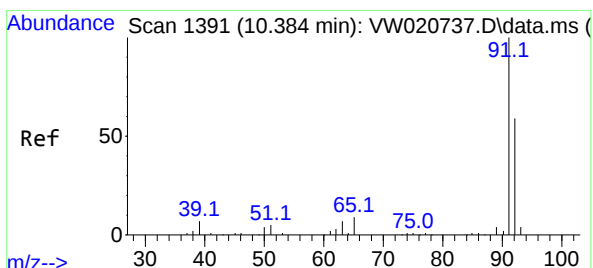
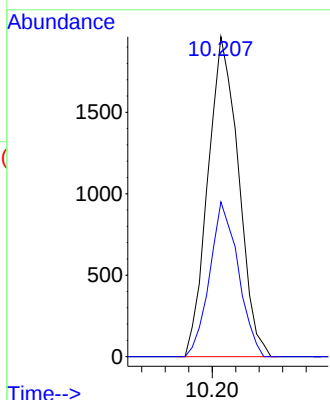
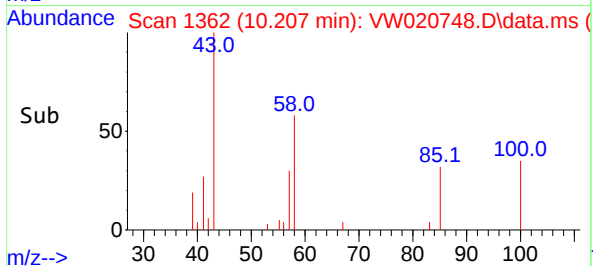
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021



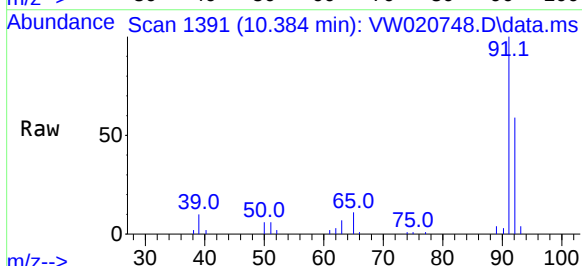
Tgt Ion: 43 Resp: 355
Ion Ratio Lower Upper
43 100
58 45.1 37.4 56.2

Manual Integrations
APPROVED

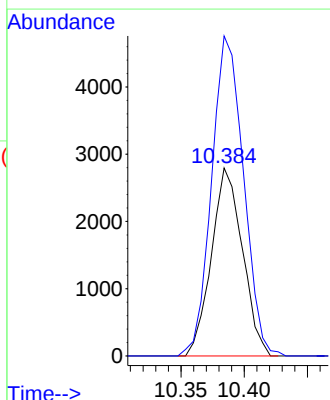
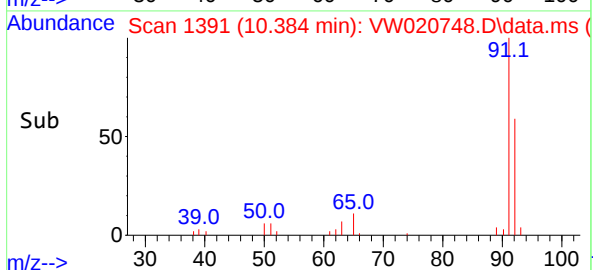
Reviewed By :Vimala Arumugam 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021

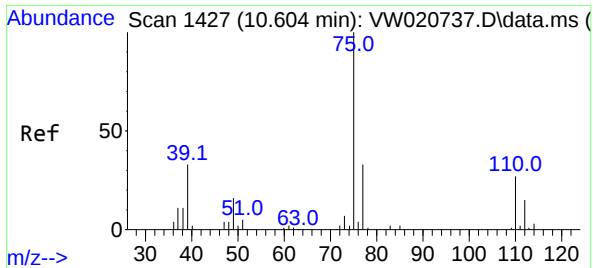


#52
Toluene
Concen: 6.049 ug/l
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW020748.D
Acq: 02 Nov 2021 20:04



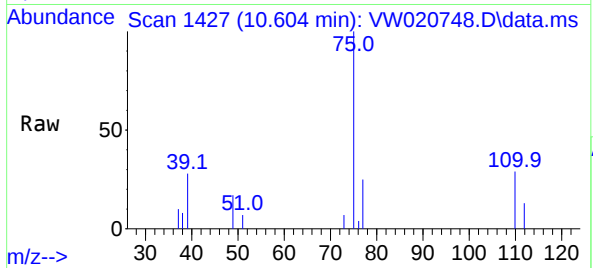
Tgt Ion: 92 Resp: 4764
Ion Ratio Lower Upper
92 100
91 175.1 144.3 216.5





#53
t-1,3-Dichloropropene
Concen: 5.538 ug/l
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW020748.D
Acq: 02 Nov 2021 20:04

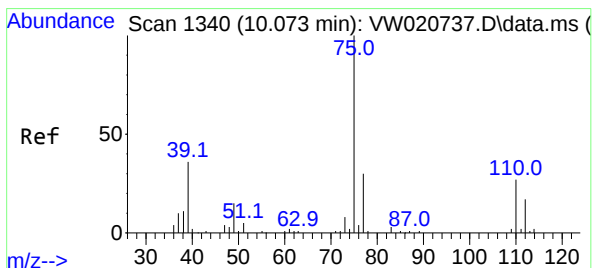
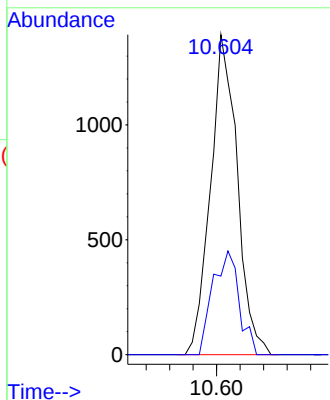
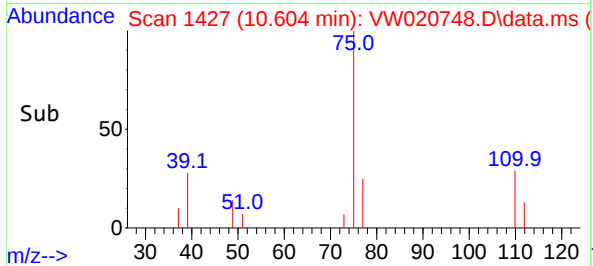
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021



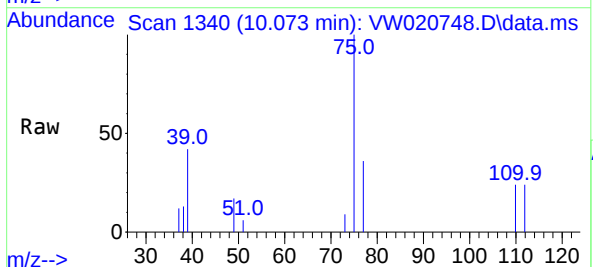
Tgt Ion: 75 Resp: 220
Ion Ratio Lower Upper
75 100
77 24.6 26.1 39.1

Manual Integrations
APPROVED

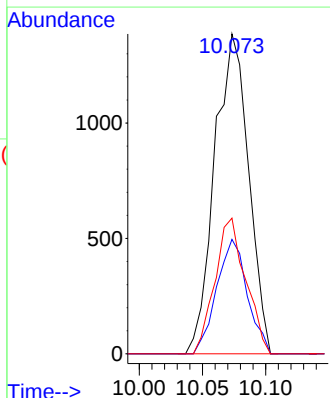
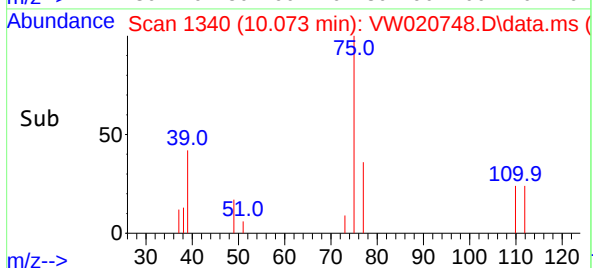
Reviewed By :Vimala Arumugam 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021

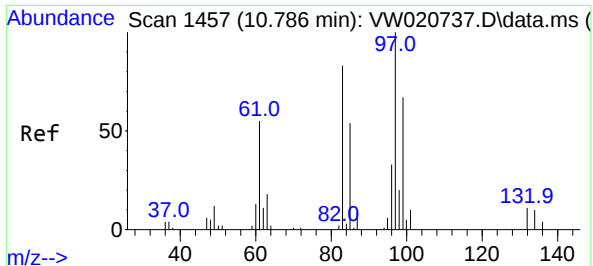


#54
cis-1,3-Dichloropropene
Concen: 5.700 ug/l
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW020748.D
Acq: 02 Nov 2021 20:04



Tgt Ion: 75 Resp: 2583
Ion Ratio Lower Upper
75 100
77 35.8 24.2 36.4
39 42.4 29.2 43.8





#55

1,1,2-Trichloroethane

Concen: 6.176 ug/l

RT: 10.787 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VW020748.D

Acq: 02 Nov 2021 20:04

Instrument :

MSVOA_W

ClientSampleId :

LOQ-SOIL-02-QT4-2021

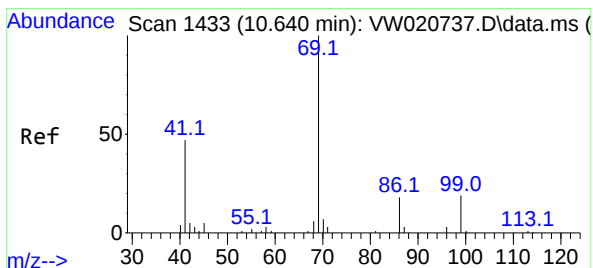
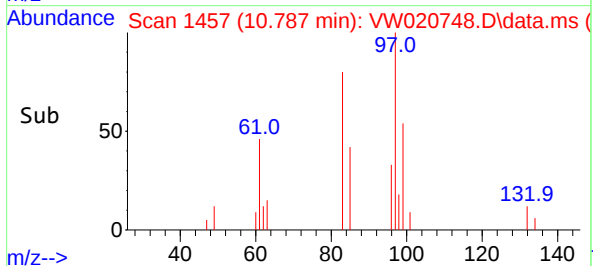
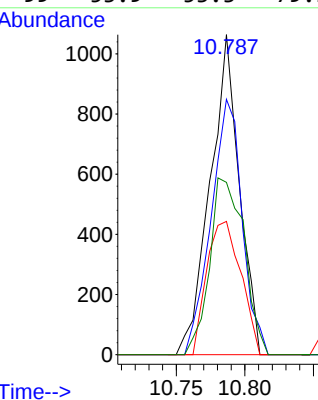
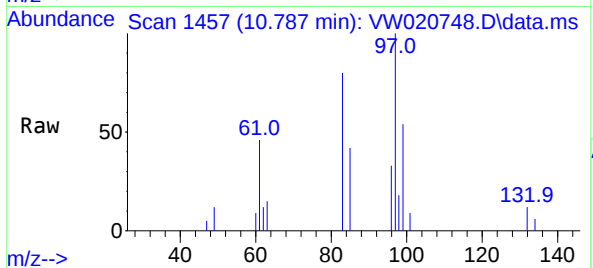
Tgt Ion: 97 Resp: 1574

Ion	Ratio	Lower	Upper
97	100		
83	79.8	66.5	99.7
85	41.6	43.0	64.6
99	53.9	53.3	79.9

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021



#56

Ethyl methacrylate

Concen: 5.118 ug/l

RT: 10.640 min Scan# 1433

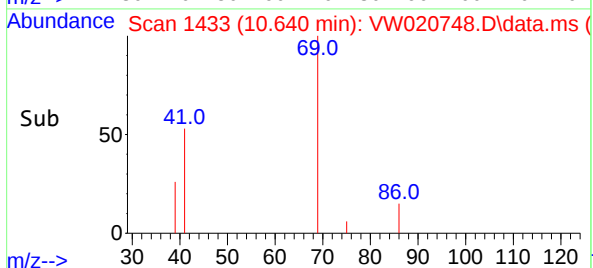
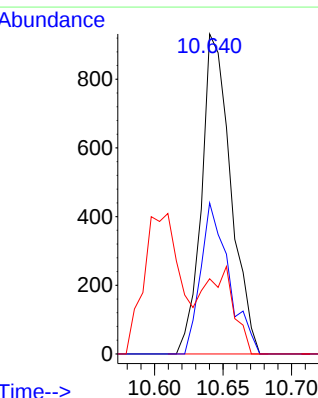
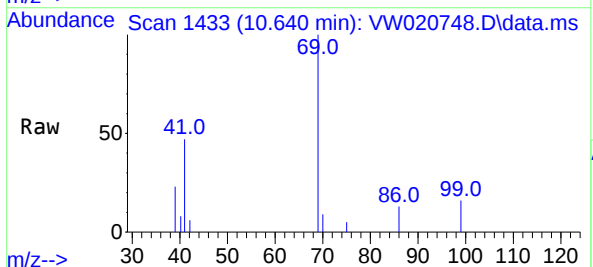
Delta R.T. 0.000 min

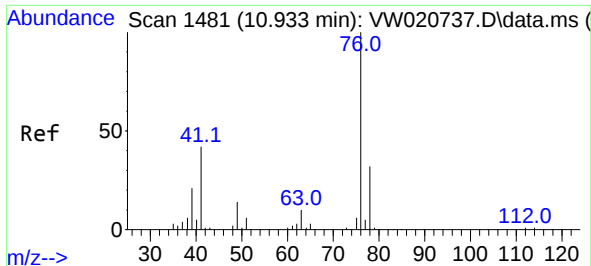
Lab File: VW020748.D

Acq: 02 Nov 2021 20:04

Tgt Ion: 69 Resp: 1381

Ion	Ratio	Lower	Upper
69	100		
41	45.5	39.2	58.8
39	27.5	26.5	39.7





#57

1,3-Dichloropropane

Concen: 6.075 ug/l

RT: 10.927 min Scan# 1480

Delta R.T. -0.006 min

Lab File: VW020748.D

Acq: 02 Nov 2021 20:04

Instrument :

MSVOA_W

ClientSampleId :

LOQ-SOIL-02-QT4-2021

Tgt Ion: 76 Resp: 2430

Ion Ratio Lower Upper

76 100

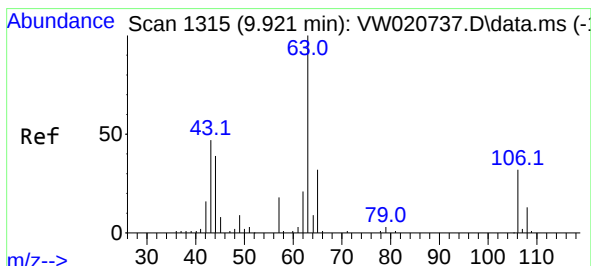
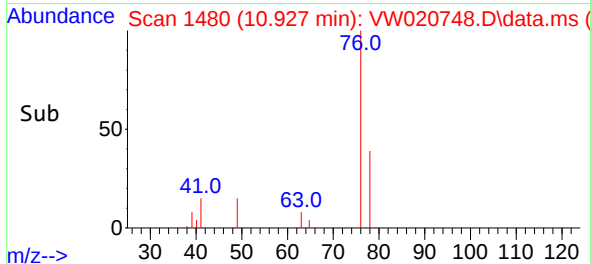
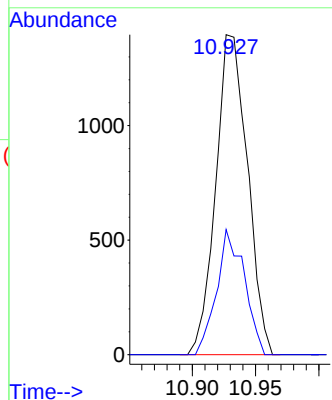
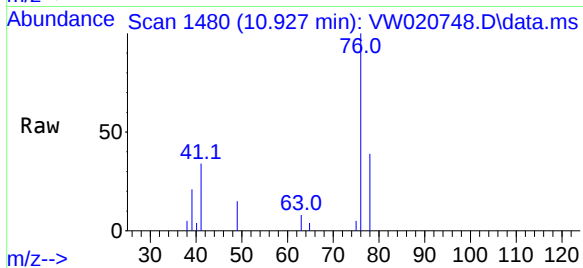
78 34.2 26.7 40.1

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/03/2021

Supervised By :Mahesh Dadoda 11/03/2021



#58

2-Chloroethyl Vinyl ether

Concen: 22.558 ug/l

RT: 9.927 min Scan# 1316

Delta R.T. 0.006 min

Lab File: VW020748.D

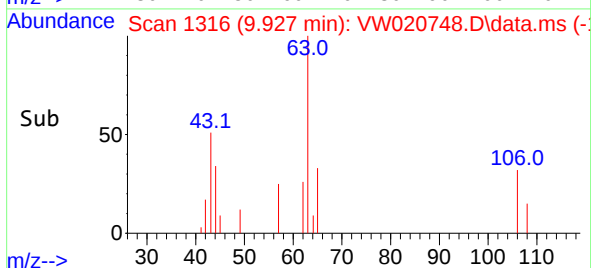
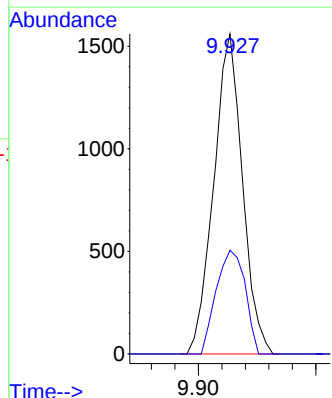
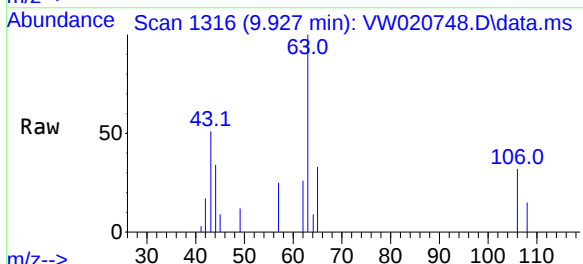
Acq: 02 Nov 2021 20:04

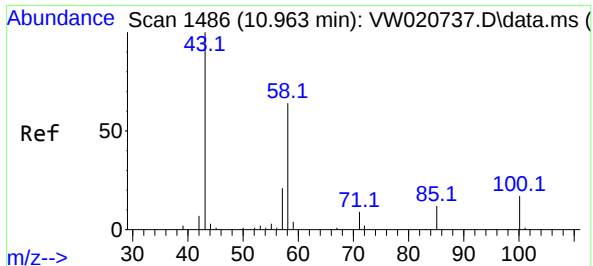
Tgt Ion: 63 Resp: 2649

Ion Ratio Lower Upper

63 100

106 32.5 27.4 41.0





#59

2-Hexanone

Concen: 26.506 ug/l

RT: 10.969 min Scan# 1486

Delta R.T. 0.006 min

Lab File: VW020748.D

Acq: 02 Nov 2021 20:04

Instrument :

MSVOA_W

ClientSampleId :

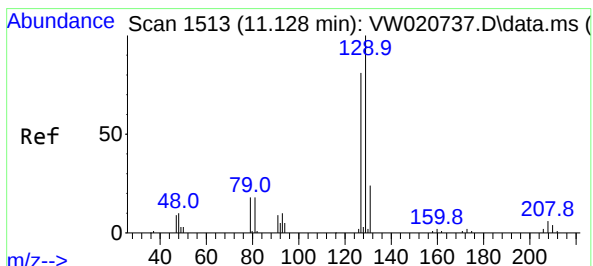
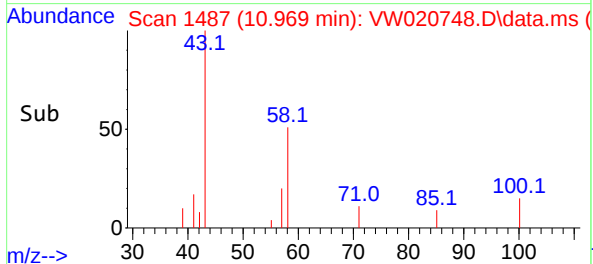
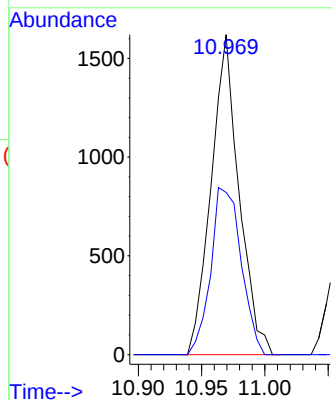
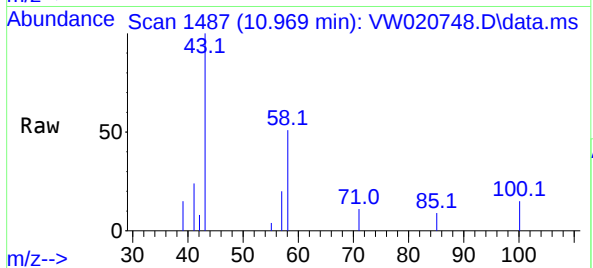
LOQ-SOIL-02-QT4-2021

Tgt Ion: 43 Resp: 2480
 Ion Ratio Lower Upper
 43 100
 58 56.8 32.5 97.4

Manual Integrations

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Reviewed By :Vimala Arumugam 11/03/2021
 Supervised By :Mahesh Dadoda 11/03/2021



#60

Dibromochloromethane

Concen: 5.908 ug/l

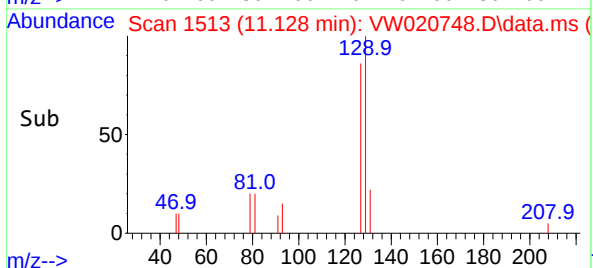
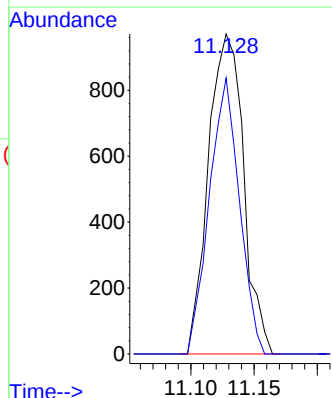
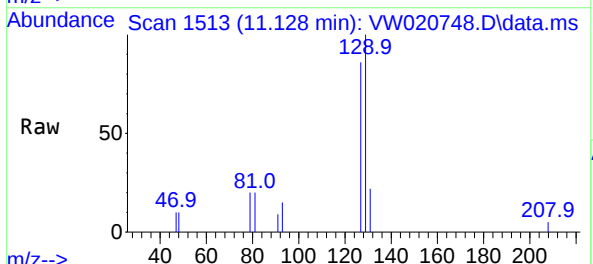
RT: 11.128 min Scan# 1513

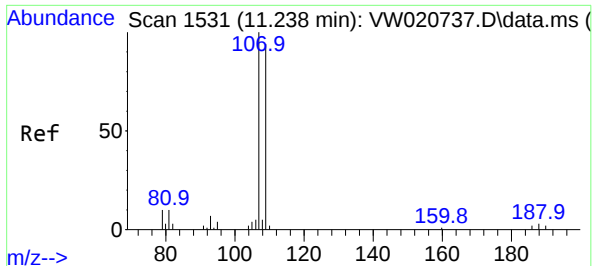
Delta R.T. 0.000 min

Lab File: VW020748.D

Acq: 02 Nov 2021 20:04

Tgt Ion:129 Resp: 1876
 Ion Ratio Lower Upper
 129 100
 127 73.7 39.4 118.1





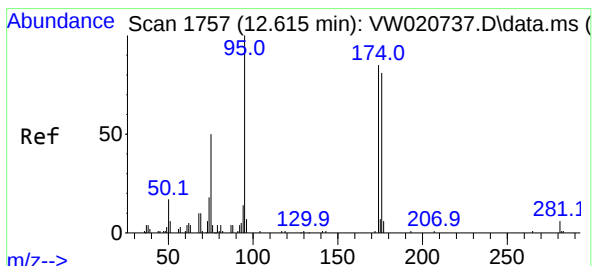
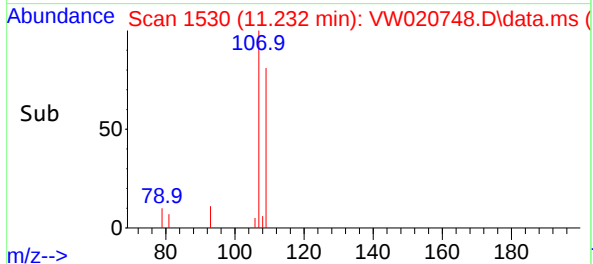
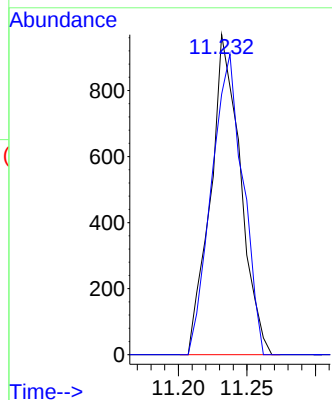
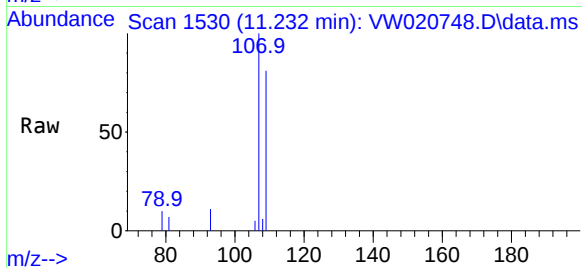
#61
1,2-Dibromoethane
Concen: 5.807 ug/l
RT: 11.232 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW020748.D
Acq: 02 Nov 2021 20:04

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

Tgt Ion:107 Resp: 1472
Ion Ratio Lower Upper
107 100
109 98.7 75.0 112.6

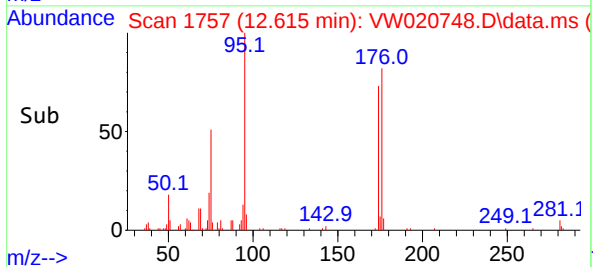
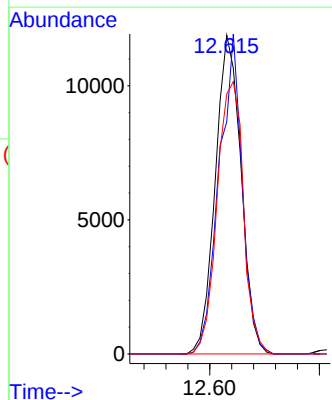
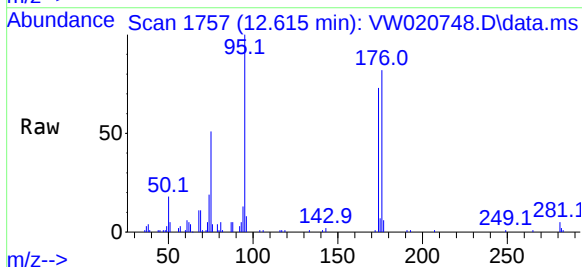
Manual Integrations
APPROVED

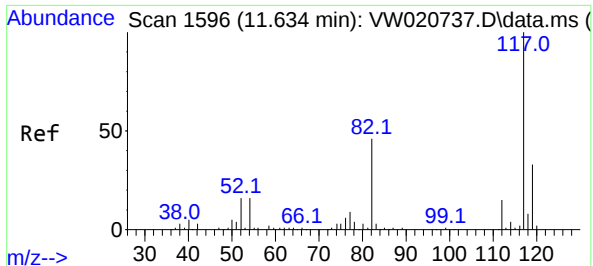
Reviewed By :Vimala Arumugam 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021



#62
4-Bromofluorobenzene
Concen: 47.412 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VW020748.D
Acq: 02 Nov 2021 20:04

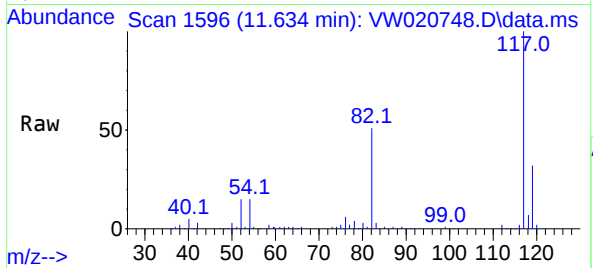
Tgt Ion: 95 Resp: 19345
Ion Ratio Lower Upper
95 100
174 89.9 0.0 182.8
176 87.3 0.0 170.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.634 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW020748.D
Acq: 02 Nov 2021 20:04

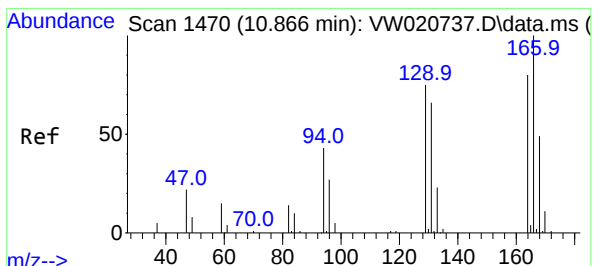
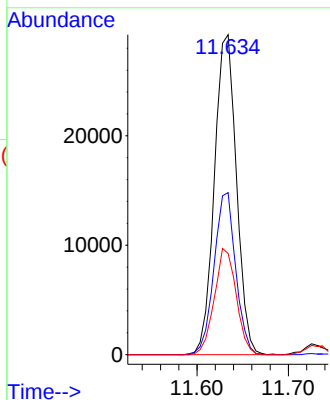
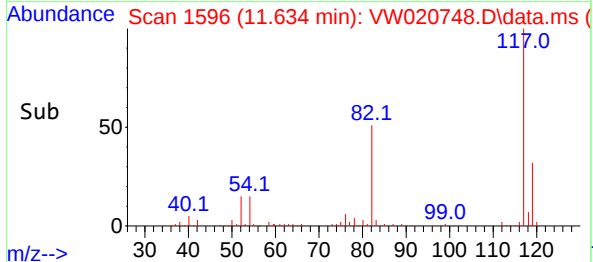
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021



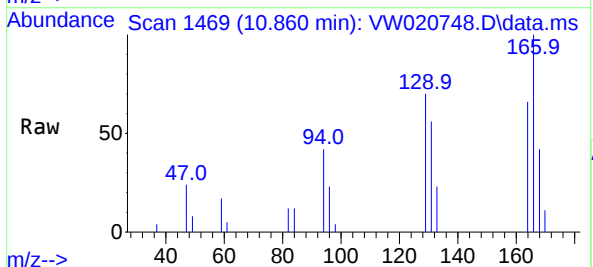
Tgt Ion:117 Resp: 4900
Ion Ratio Lower Upper
117 100
82 50.6 37.0 55.4
119 31.6 26.0 39.0

Manual Integrations
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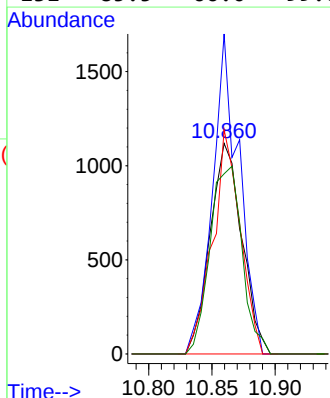
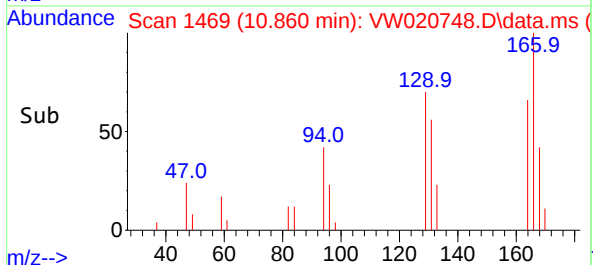
Reviewed By :Vimala Arumugam 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021

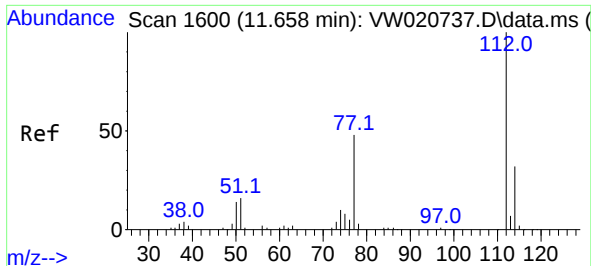


#64
Tetrachloroethene
Concen: 6.128 ug/l
RT: 10.860 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW020748.D
Acq: 02 Nov 2021 20:04



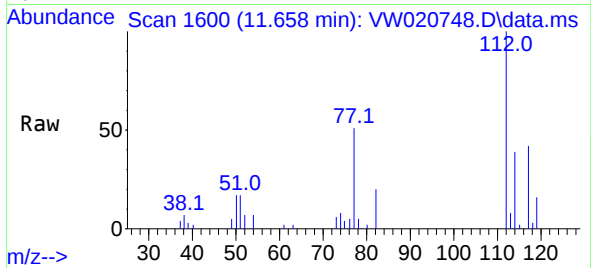
Tgt Ion:164 Resp: 1960
Ion Ratio Lower Upper
164 100
166 151.9 100.5 150.7#
129 106.4 75.5 113.3
131 85.5 66.0 99.0





#65
Chlorobenzene
Concen: 5.828 ug/l
RT: 11.658 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW020748.D
Acq: 02 Nov 2021 20:04

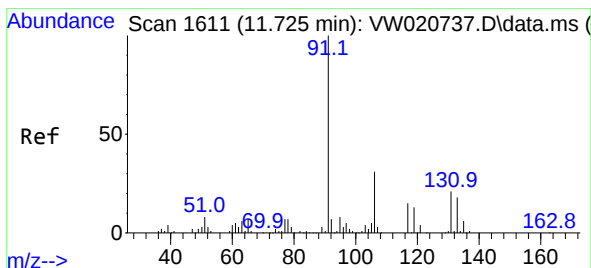
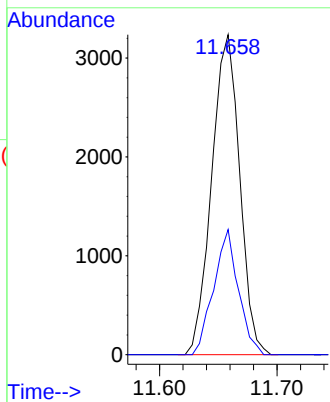
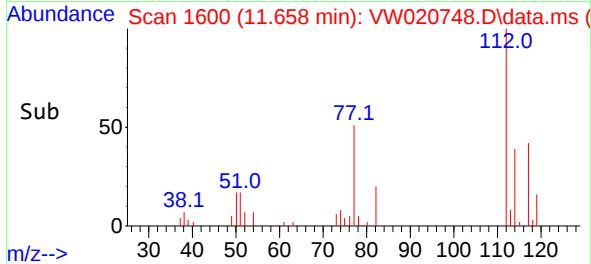
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021



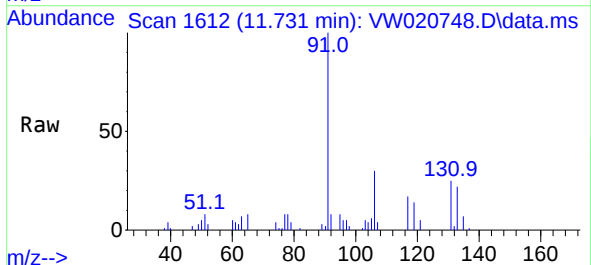
Tgt Ion:112 Resp: 536
Ion Ratio Lower Upper
112 100
114 39.1 25.9 38.9

Manual Integrations
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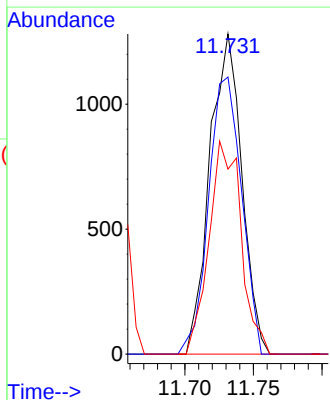
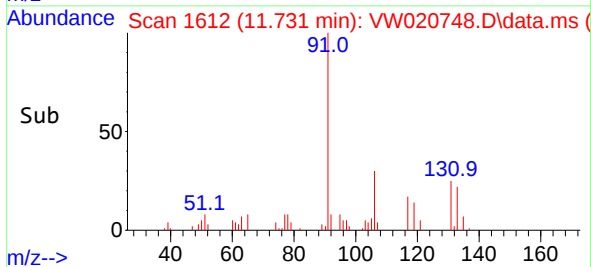
Reviewed By :Vimala Arumugam 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021

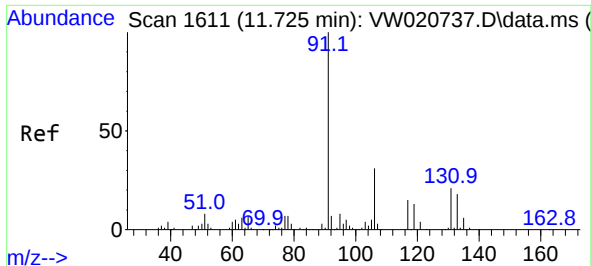


#66
1,1,1,2-Tetrachloroethane
Concen: 6.138 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.006 min
Lab File: VW020748.D
Acq: 02 Nov 2021 20:04



Tgt Ion:131 Resp: 2081
Ion Ratio Lower Upper
131 100
133 89.1 45.9 137.6
119 66.5 32.1 96.3





#67

Ethyl Benzene

Concen: 5.551 ug/l

RT: 11.731 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW020748.D

Acq: 02 Nov 2021 20:04

Instrument :

MSVOA_W

ClientSampleId :

LOQ-SOIL-02-QT4-2021

Tgt Ion: 91 Resp: 8514

Ion Ratio Lower Upper

91 100

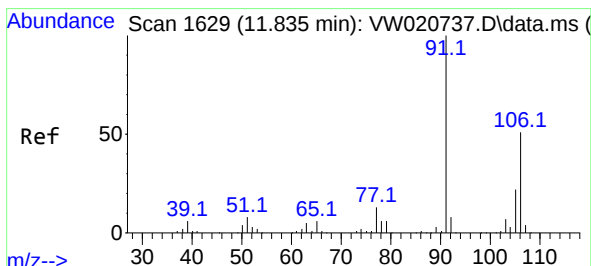
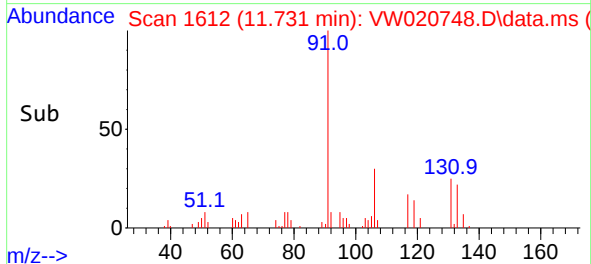
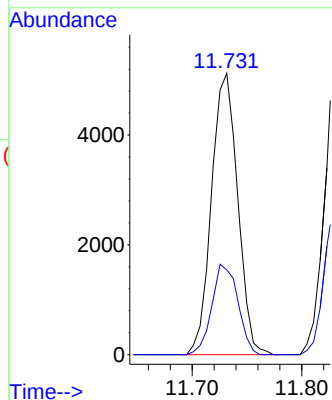
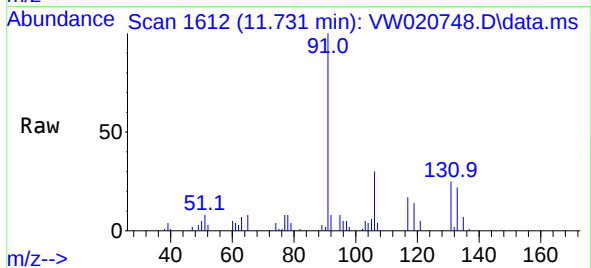
106 30.1 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/03/2021

Supervised By :Mahesh Dadoda 11/03/2021



#68

m/p-Xylenes

Concen: 11.316 ug/l

RT: 11.841 min Scan# 1630

Delta R.T. 0.006 min

Lab File: VW020748.D

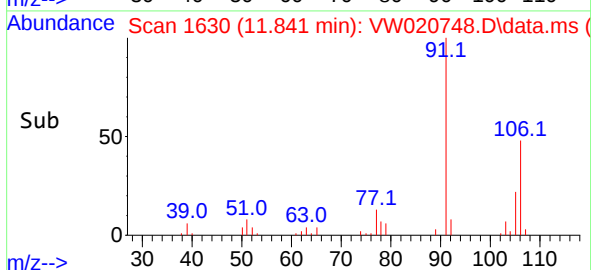
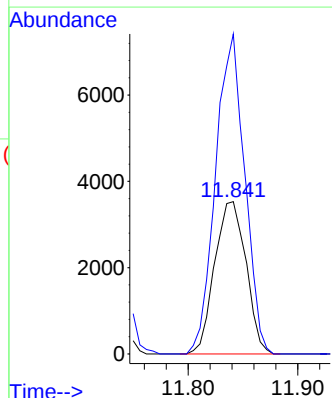
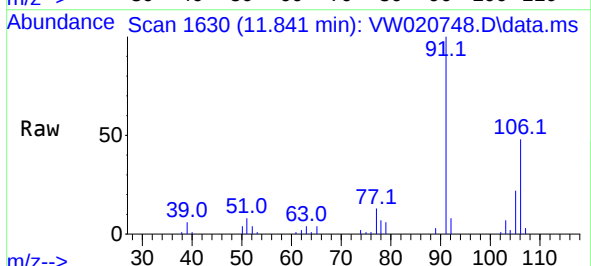
Acq: 02 Nov 2021 20:04

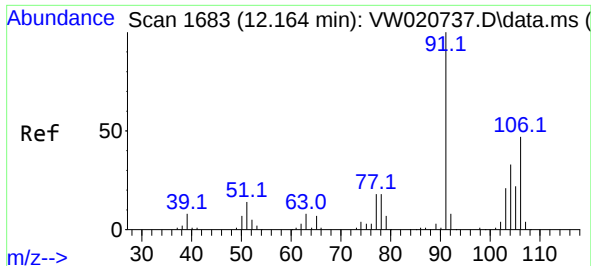
Tgt Ion:106 Resp: 7009

Ion Ratio Lower Upper

106 100

91 195.6 157.8 236.8





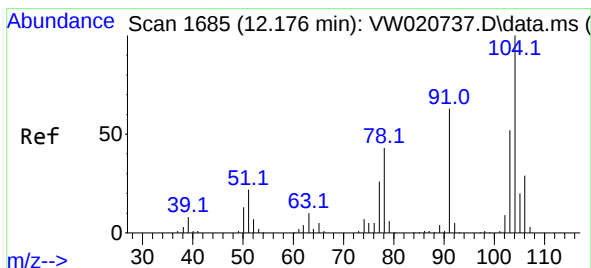
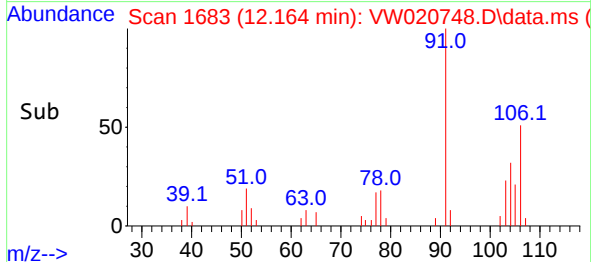
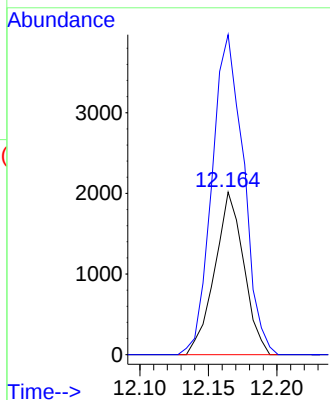
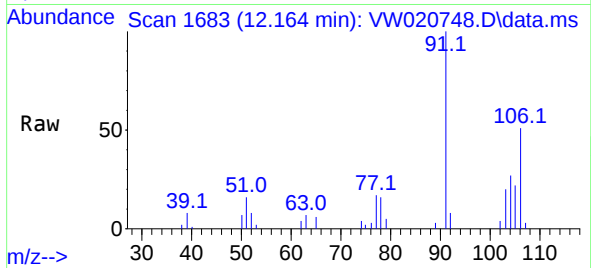
#69
o-Xylene
Concen: 5.150 ug/l
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW020748.D
Acq: 02 Nov 2021 20:04

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

Tgt Ion:106 Resp: 2978
Ion Ratio Lower Upper
106 100
91 213.7 103.6 310.8

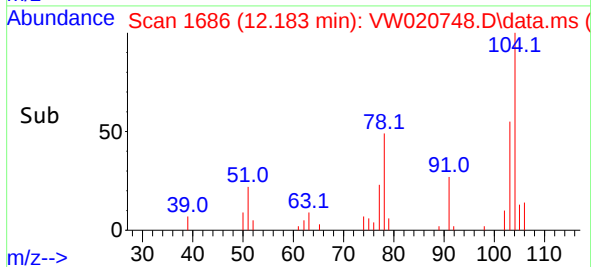
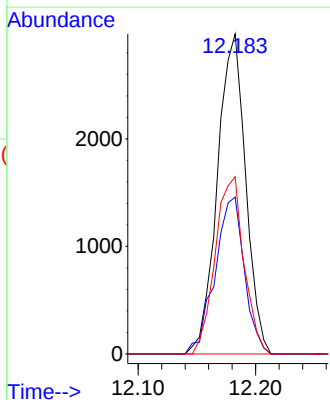
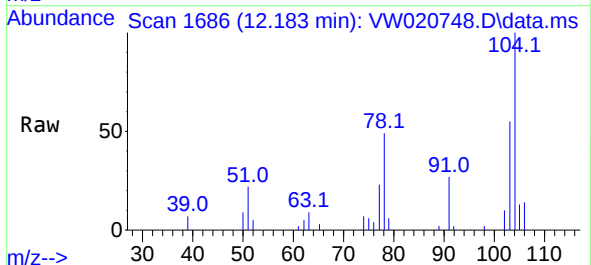
Manual Integrations
APPROVED

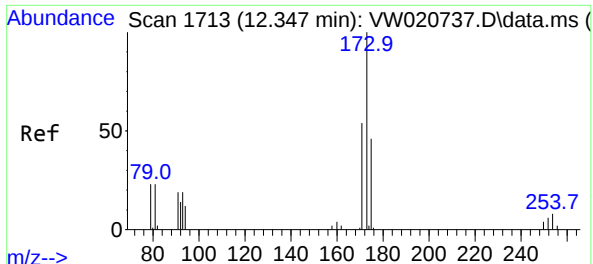
Reviewed By :Vimala Arumugam 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021



#70
Styrene
Concen: 5.089 ug/l
RT: 12.183 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW020748.D
Acq: 02 Nov 2021 20:04

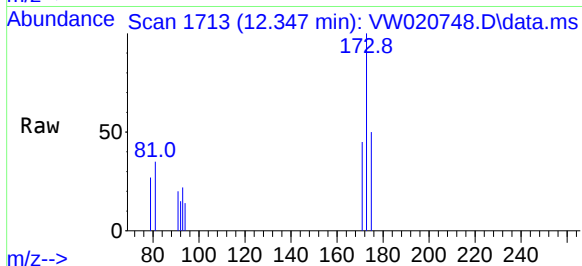
Tgt Ion:104 Resp: 4974
Ion Ratio Lower Upper
104 100
78 50.9 36.4 54.6
103 56.2 45.0 67.6





#71
Bromoform
Concen: 5.746 ug/l
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW020748.D
Acq: 02 Nov 2021 20:04

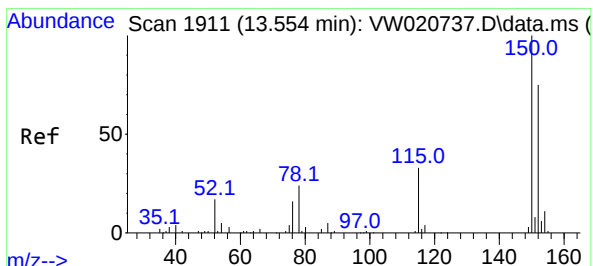
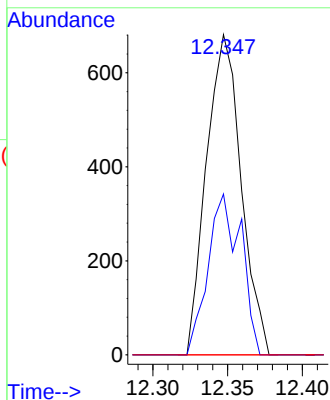
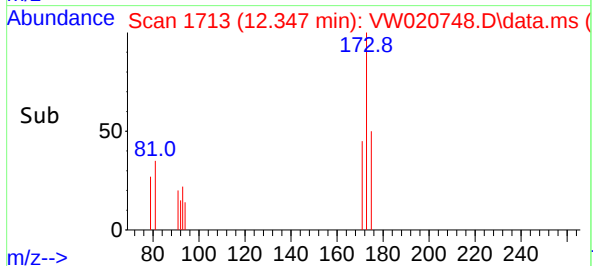
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021



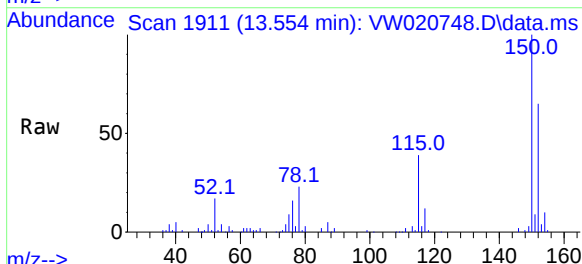
Tgt Ion:173 Resp: 110
Ion Ratio Lower Upper
173 100
175 47.7 24.8 74.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

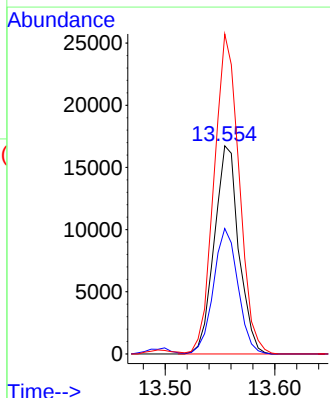
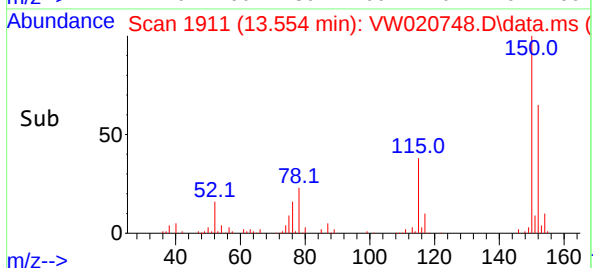
Reviewed By :Vimala Arumugam 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021

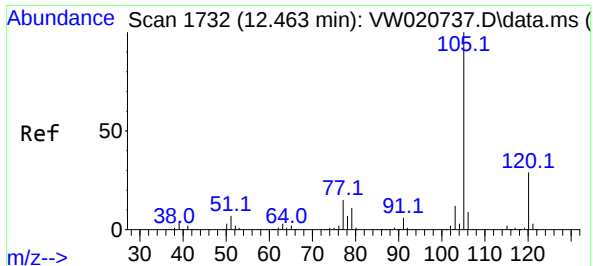


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.554 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VW020748.D
Acq: 02 Nov 2021 20:04



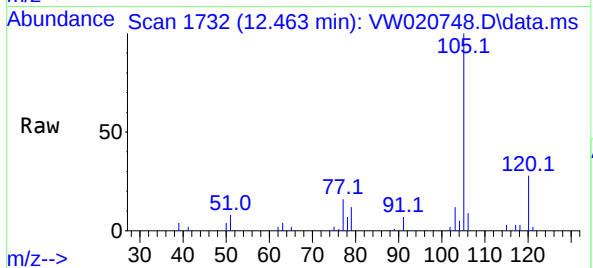
Tgt Ion:152 Resp: 26012
Ion Ratio Lower Upper
152 100
115 60.2 26.6 79.8
150 157.2 0.0 333.0





#73
Isopropylbenzene
Concen: 5.264 ug/l
RT: 12.463 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW020748.D
Acq: 02 Nov 2021 20:04

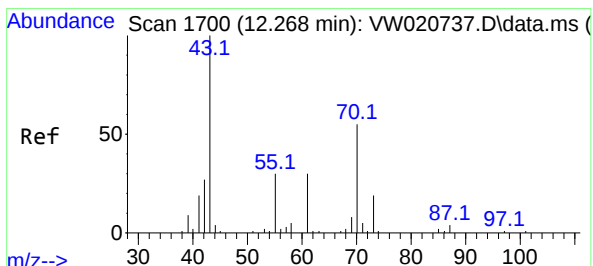
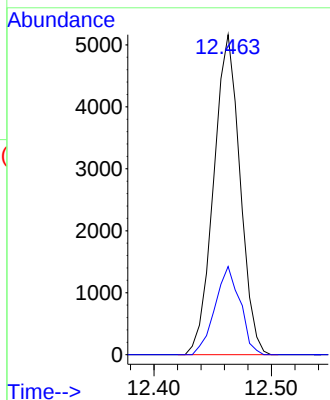
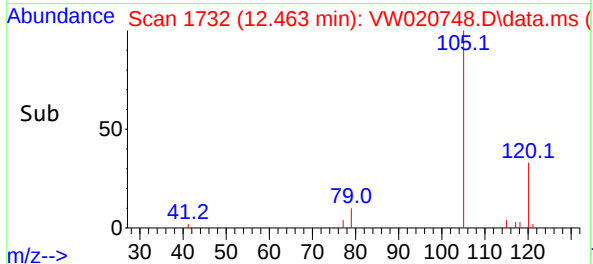
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021



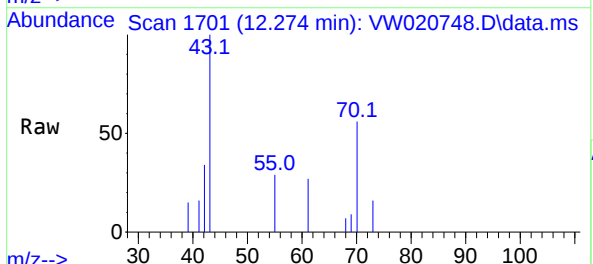
Tgt Ion:105 Resp: 806
Ion Ratio Lower Upper
105 100
120 26.3 13.8 41.4

Manual Integrations
APPROVED

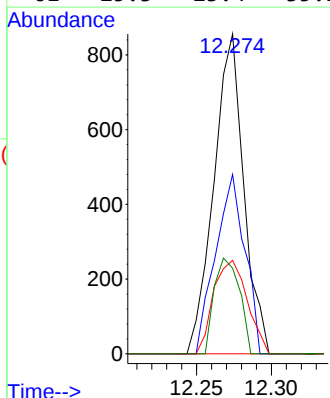
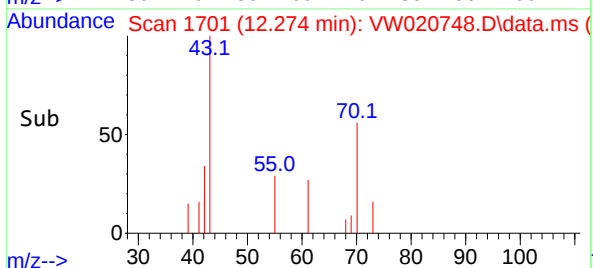
Reviewed By :Vimala Arumugam 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021

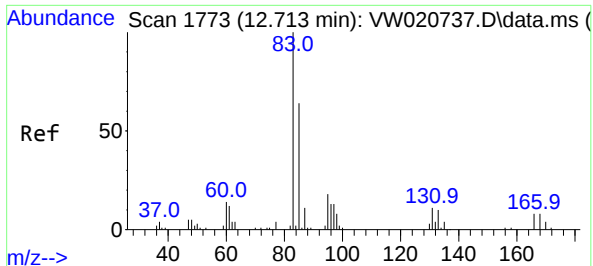


#74
N-ethyl acetate
Concen: 5.044 ug/l
RT: 12.274 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VW020748.D
Acq: 02 Nov 2021 20:04



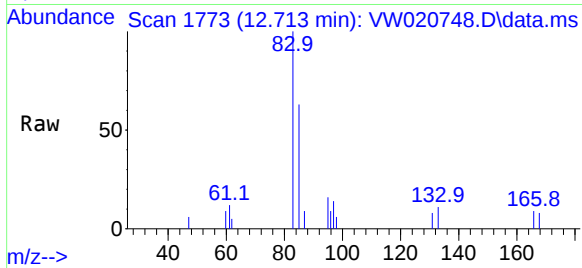
Tgt Ion: 43 Resp: 1191
Ion Ratio Lower Upper
43 100
70 54.8 44.7 67.1
55 32.9 23.5 35.3
61 25.3 23.4 35.2





#75
1,1,2,2-Tetrachloroethane
Concen: 6.022 ug/l
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW020748.D
Acq: 02 Nov 2021 20:04

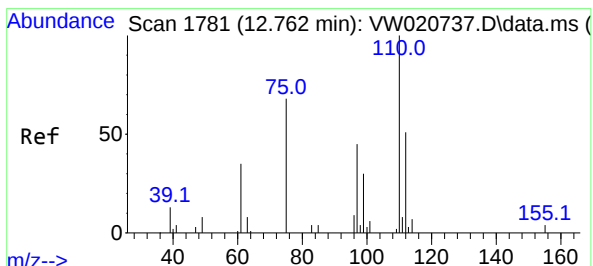
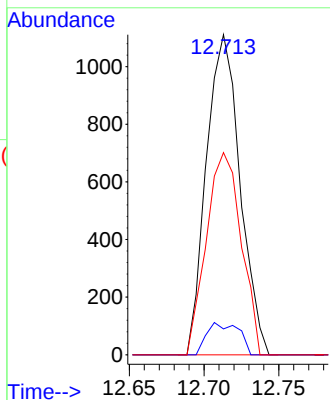
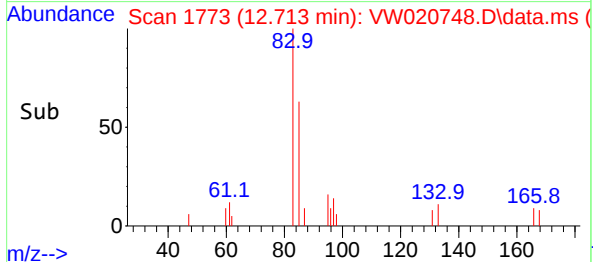
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021



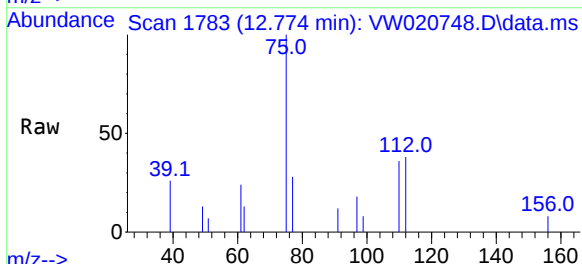
Tgt Ion: 83 Resp: 1740
Ion Ratio Lower Upper
83 100
131 9.5 5.9 17.7
85 65.2 32.3 96.9

Manual Integrations
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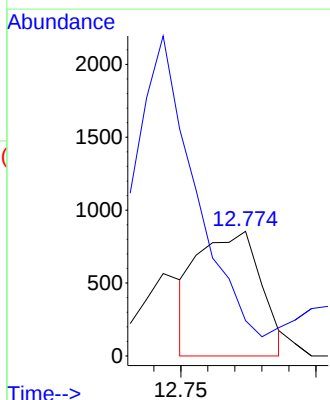
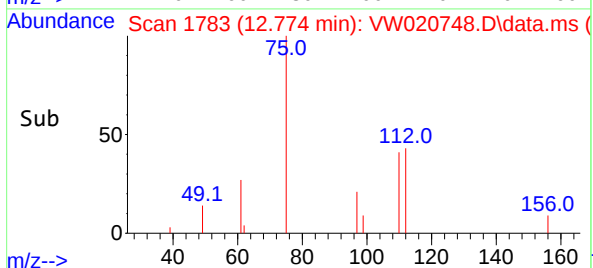
Reviewed By :Vimala Arumugam 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021

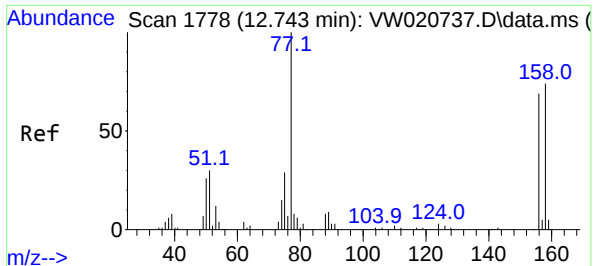


#76
1,2,3-Trichloropropane
Concen: 6.831 ug/l m
RT: 12.774 min Scan# 1783
Delta R.T. 0.012 min
Lab File: VW020748.D
Acq: 02 Nov 2021 20:04



Tgt Ion: 75 Resp: 1376
Ion Ratio Lower Upper
75 100
77 0.0 143.3 430.0#





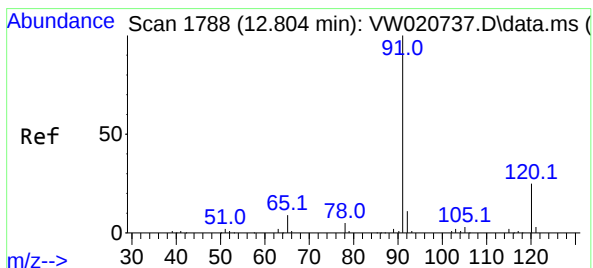
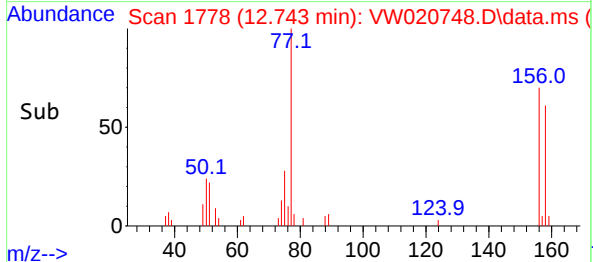
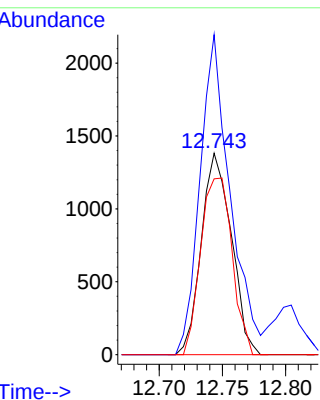
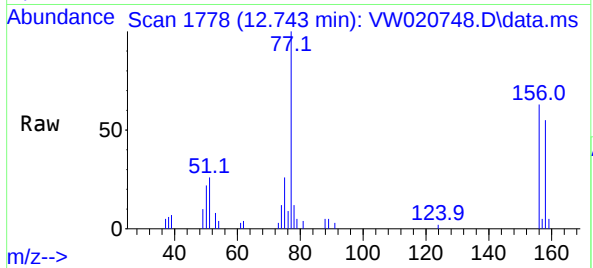
#77
Bromobenzene
Concen: 5.897 ug/l
RT: 12.743 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VW020748.D
Acq: 02 Nov 2021 20:04

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

Tgt Ion:156 Resp: 228
Ion Ratio Lower Upper
156 100
77 159.0 78.5 235.3
158 91.4 49.4 148.2

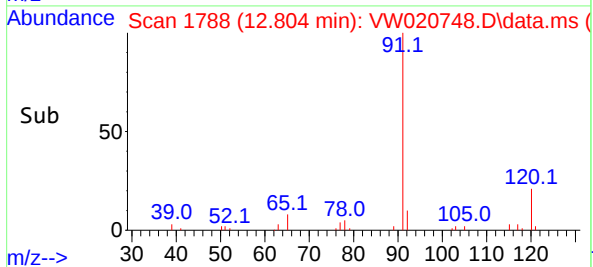
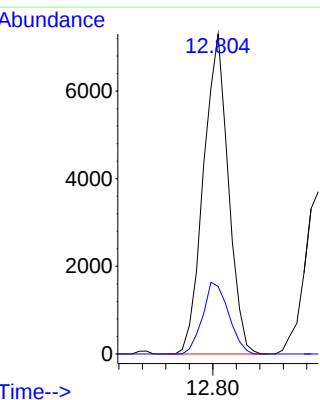
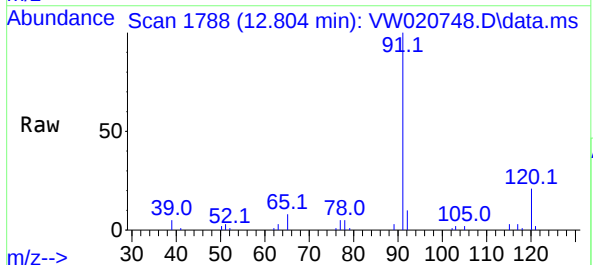
Manual Integrations
APPROVED

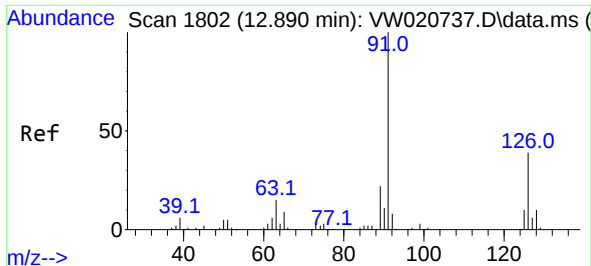
Reviewed By :Vimala Arumugam 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021



#78
n-propylbenzene
Concen: 5.798 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. 0.000 min
Lab File: VW020748.D
Acq: 02 Nov 2021 20:04

Tgt Ion: 91 Resp: 10717
Ion Ratio Lower Upper
91 100
120 23.4 12.1 36.3





#79

2-Chlorotoluene

Concen: 5.907 ug/l

RT: 12.890 min Scan# 1802

Delta R.T. 0.000 min

Lab File: VW020748.D

Acq: 02 Nov 2021 20:04

Instrument :

MSVOA_W

ClientSampleId :

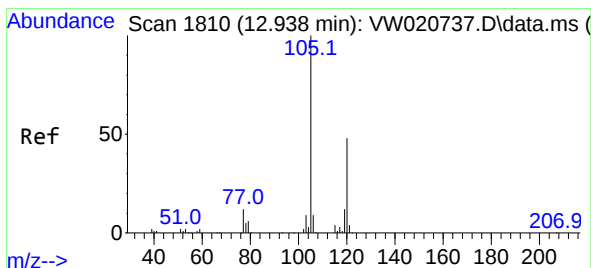
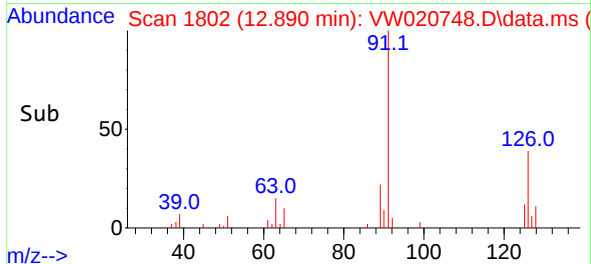
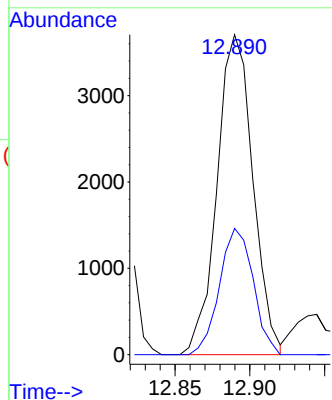
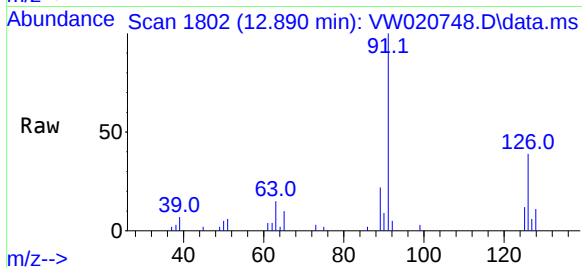
LOQ-SOIL-02-QT4-2021

Tgt Ion: 91 Resp: 618
 Ion Ratio Lower Upper
 91 100
 126 37.1 18.6 55.6

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/03/2021
 Supervised By :Mahesh Dadoda 11/03/2021



#80

1,3,5-Trimethylbenzene

Concen: 5.686 ug/l

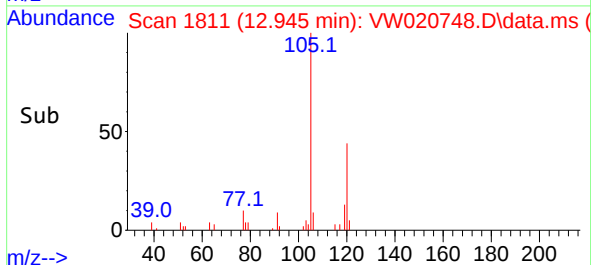
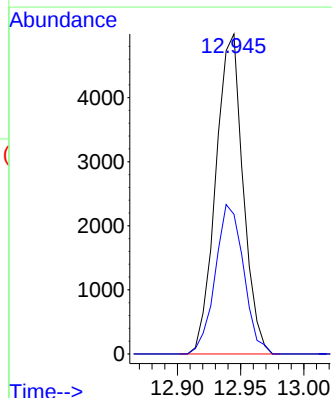
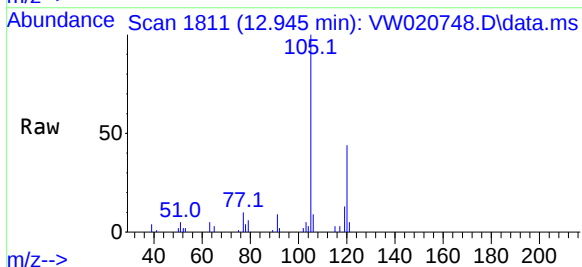
RT: 12.945 min Scan# 1811

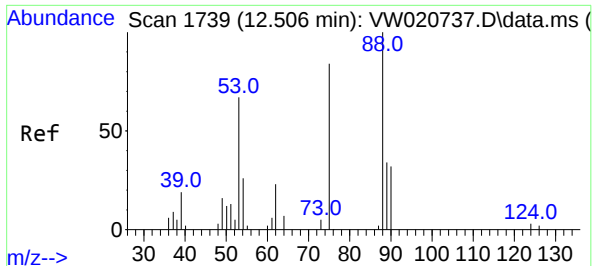
Delta R.T. 0.006 min

Lab File: VW020748.D

Acq: 02 Nov 2021 20:04

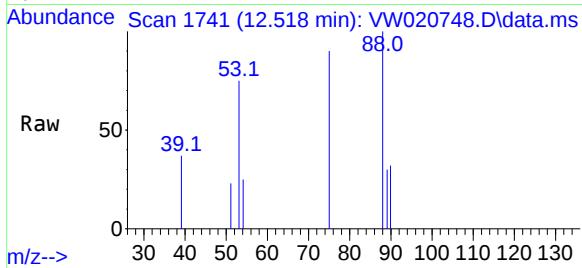
Tgt Ion:105 Resp: 7491
 Ion Ratio Lower Upper
 105 100
 120 48.5 24.6 74.0





#81
trans-1,4-Dichloro-2-butene
Concen: 4.264 ug/l
RT: 12.518 min Scan# 1741
Delta R.T. 0.012 min
Lab File: VW020748.D
Acq: 02 Nov 2021 20:04

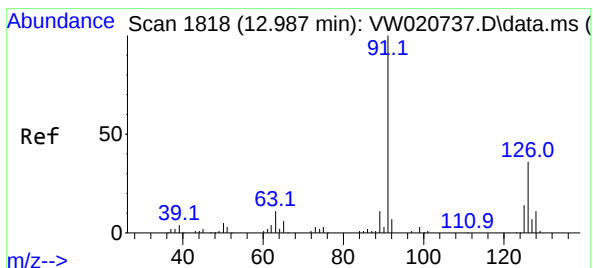
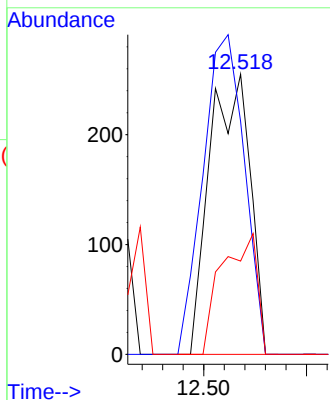
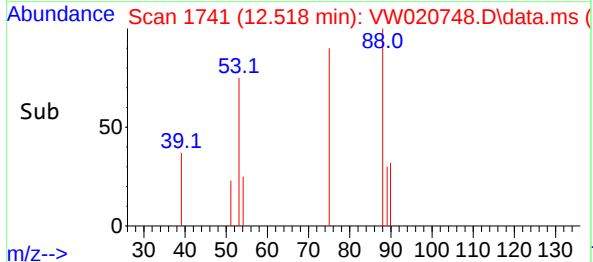
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021



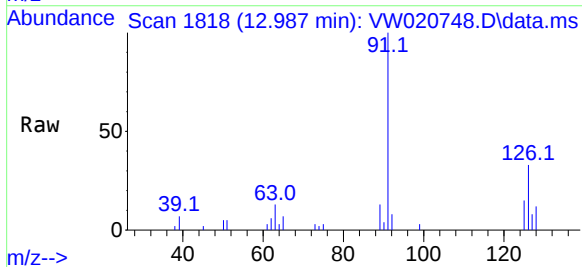
Tgt Ion: 75 Resp: 349
Ion Ratio Lower Upper
75 100
53 116.3 67.7 101.5
89 37.5 37.5 56.3

Manual Integrations
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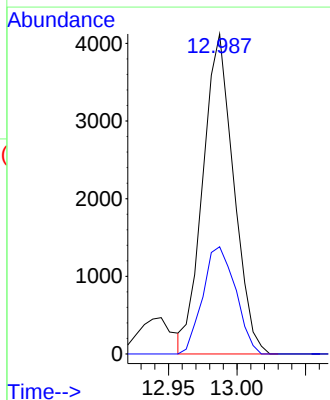
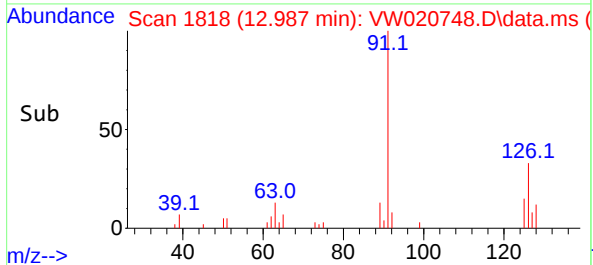
Reviewed By :Vimala Arumugam 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021

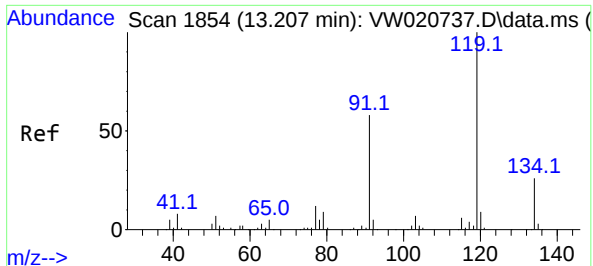


#82
4-Chlorotoluene
Concen: 5.874 ug/l
RT: 12.987 min Scan# 1818
Delta R.T. 0.000 min
Lab File: VW020748.D
Acq: 02 Nov 2021 20:04



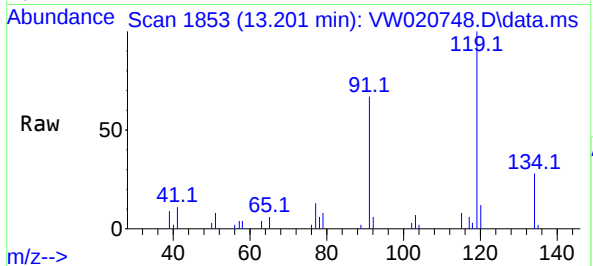
Tgt Ion: 91 Resp: 6434
Ion Ratio Lower Upper
91 100
126 35.7 17.6 52.8





#83
tert-Butylbenzene
Concen: 5.003 ug/l
RT: 13.201 min Scan# 1853
Delta R.T. -0.006 min
Lab File: VW020748.D
Acq: 02 Nov 2021 20:04

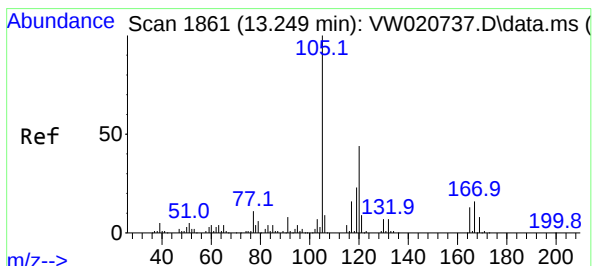
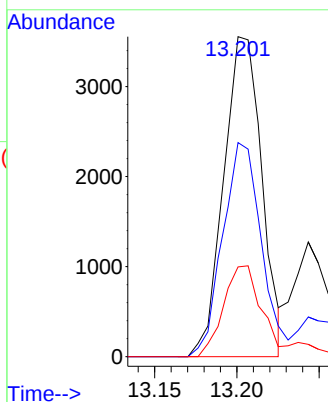
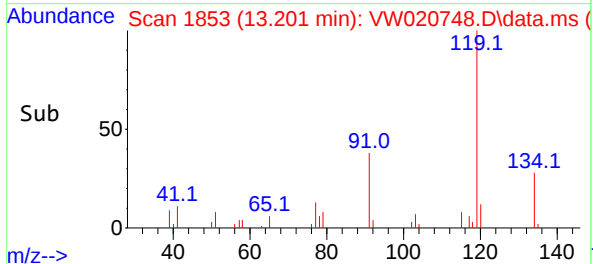
Instrument : MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021



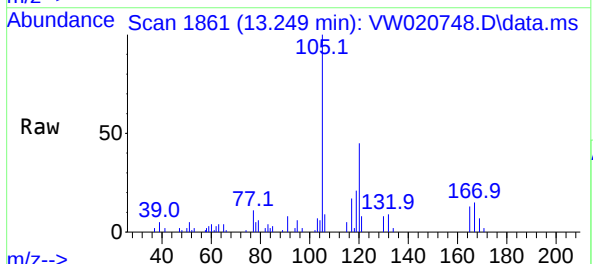
Tgt Ion:119 Resp: 5739
Ion Ratio Lower Upper
119 100
91 67.7 30.9 92.8
134 28.5 12.5 37.5

Manual Integrations
APPROVED

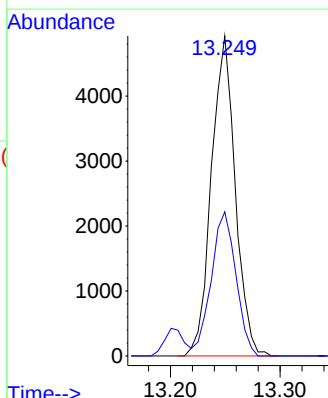
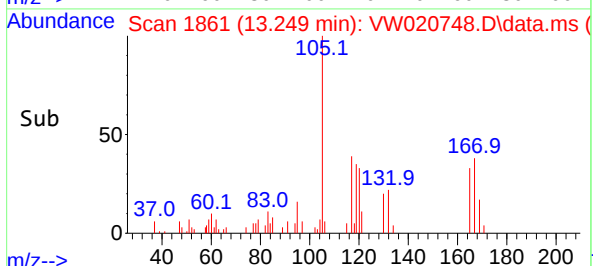
Reviewed By :Vimala Arumugam 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021

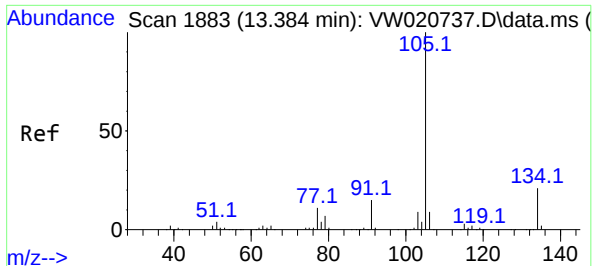


#84
1,2,4-Trimethylbenzene
Concen: 5.756 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW020748.D
Acq: 02 Nov 2021 20:04



Tgt Ion:105 Resp: 7439
Ion Ratio Lower Upper
105 100
120 46.6 22.7 68.1





#85

sec-Butylbenzene

Concen: 5.624 ug/l

RT: 13.378 min Scan# 1882

Delta R.T. -0.006 min

Lab File: VW020748.D

Acq: 02 Nov 2021 20:04

Instrument :

MSVOA_W

ClientSampleId :

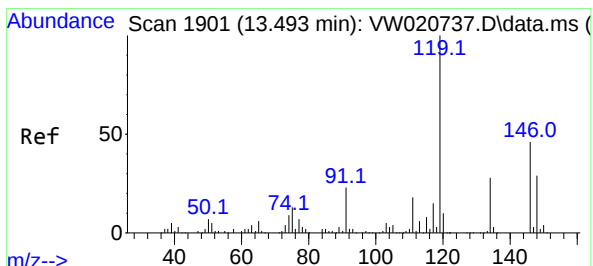
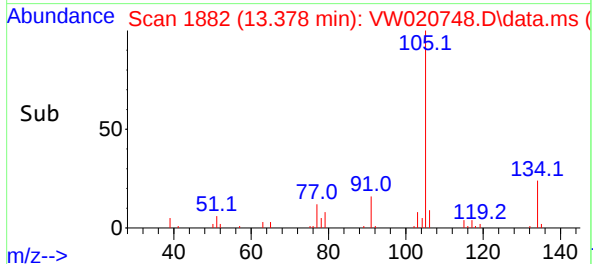
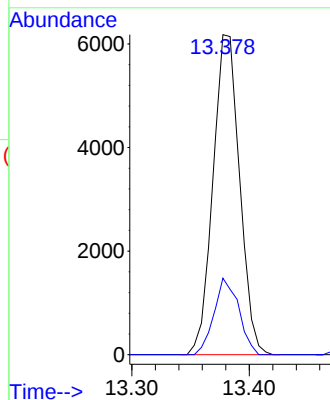
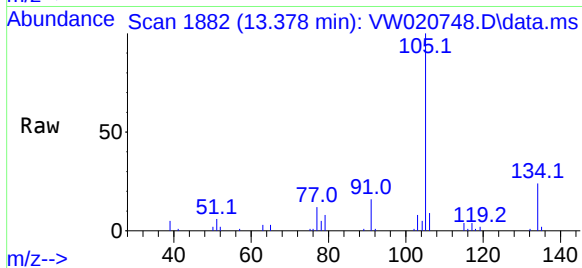
LOQ-SOIL-02-QT4-2021

Tgt Ion:105 Resp: 972
 Ion Ratio Lower Upper
 105 100
 134 22.2 10.4 31.2

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/03/2021
 Supervised By :Mahesh Dadoda 11/03/2021



#86

p-Isopropyltoluene

Concen: 5.576 ug/l

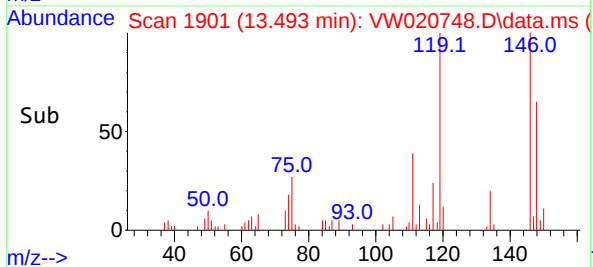
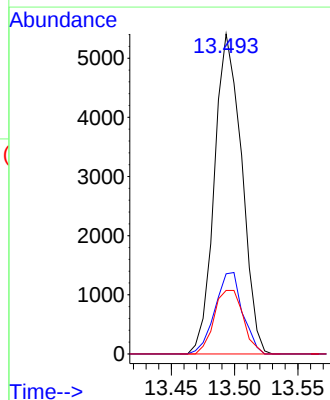
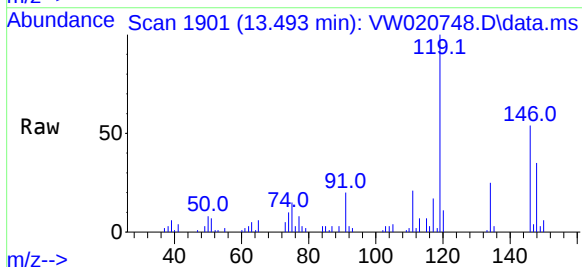
RT: 13.493 min Scan# 1901

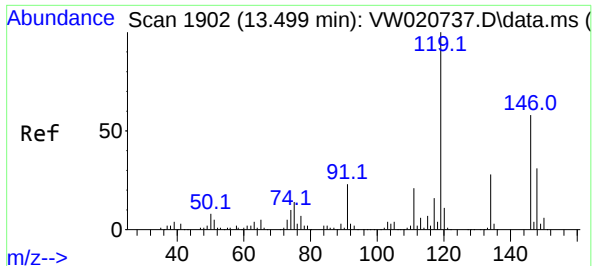
Delta R.T. 0.000 min

Lab File: VW020748.D

Acq: 02 Nov 2021 20:04

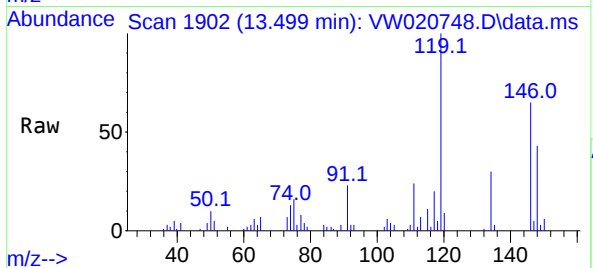
Tgt Ion:119 Resp: 8108
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.8 41.3
 91 21.2 11.2 33.6





#87
1,3-Dichlorobenzene
Concen: 5.905 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW020748.D
Acq: 02 Nov 2021 20:04

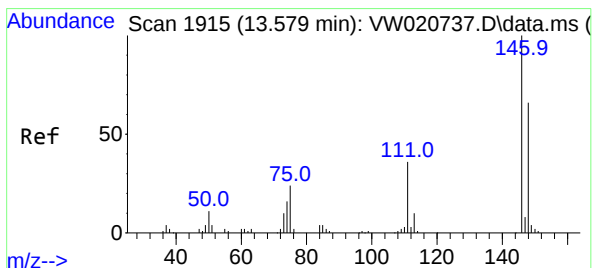
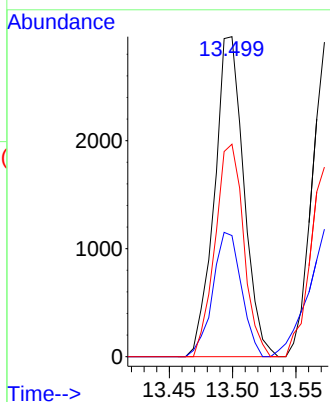
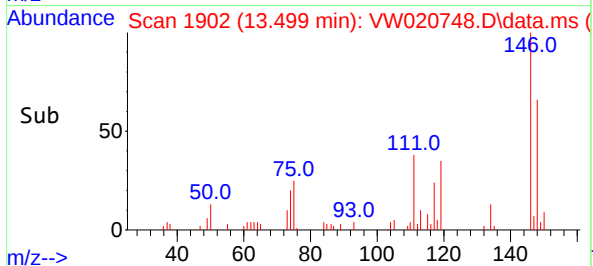
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021



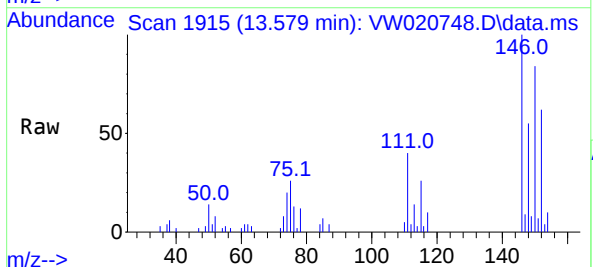
Tgt Ion:146 Resp: 4789
Ion Ratio Lower Upper
146 100
111 37.8 19.0 57.0
148 64.7 30.1 90.3

Manual Integrations
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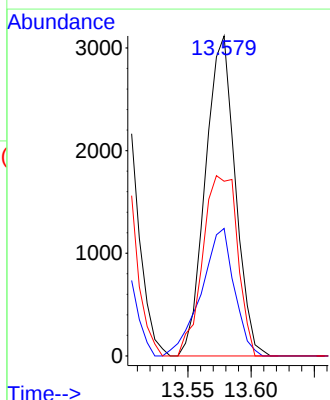
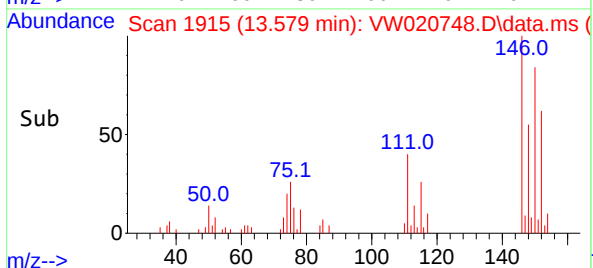
Reviewed By :Vimala Arumugam 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021

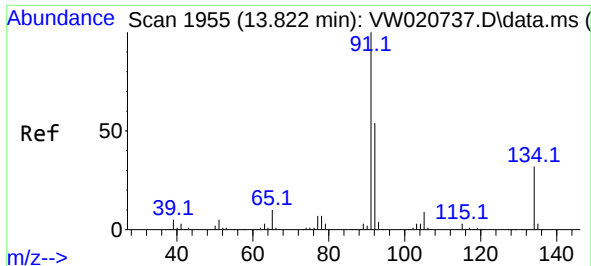


#88
1,4-Dichlorobenzene
Concen: 6.389 ug/l
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW020748.D
Acq: 02 Nov 2021 20:04



Tgt Ion:146 Resp: 5109
Ion Ratio Lower Upper
146 100
111 44.1 20.1 60.3
148 65.8 33.6 100.8





#89
n-Butylbenzene
Concen: 5.387 ug/l
RT: 13.823 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VW020748.D
Acq: 02 Nov 2021 20:04

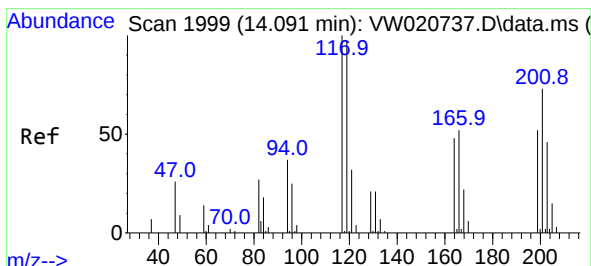
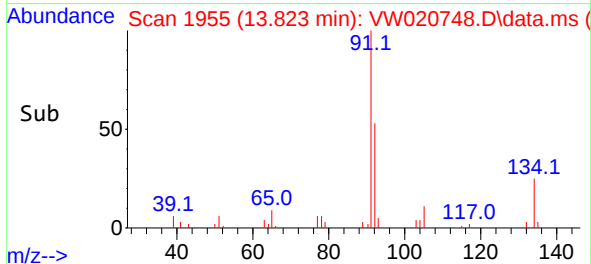
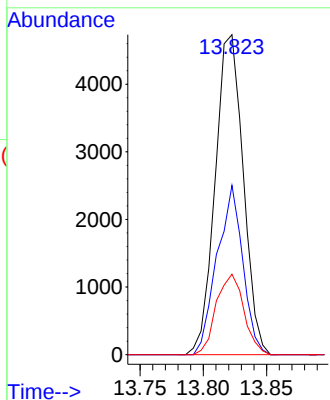
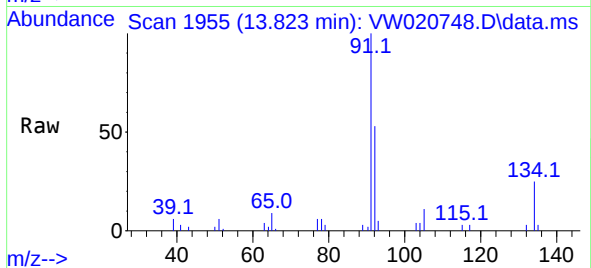
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021

Tgt Ion: 91 Resp: 7298

Ion	Ratio	Lower	Upper
91	100		
92	48.5	27.1	81.2
134	24.7	14.4	43.0

Manual Integrations
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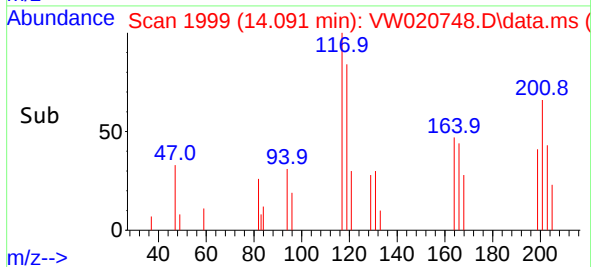
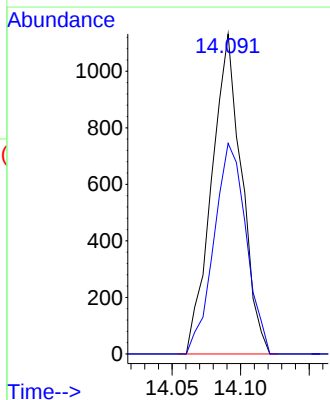
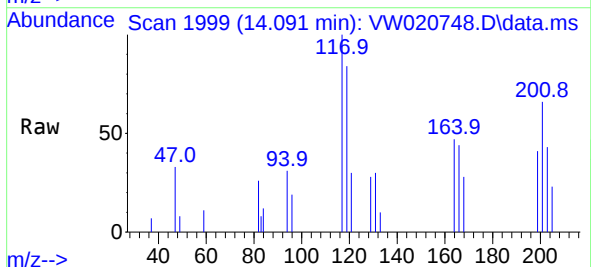
Reviewed By :Vimala Arumugam 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021

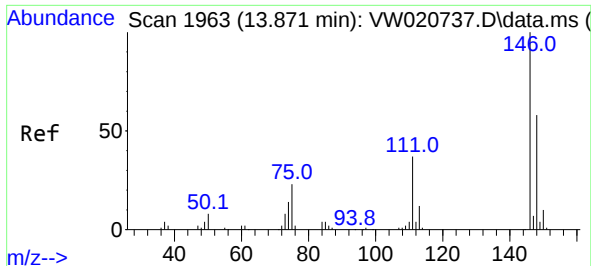


#90
Hexachloroethane
Concen: 6.023 ug/l
RT: 14.091 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VW020748.D
Acq: 02 Nov 2021 20:04

Tgt Ion:117 Resp: 1722

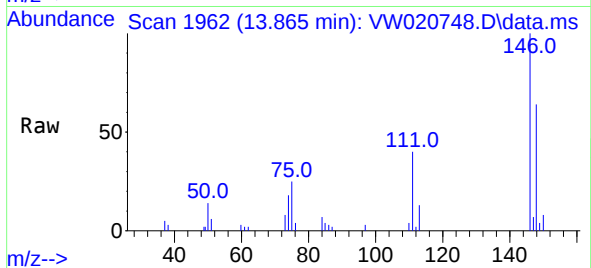
Ion	Ratio	Lower	Upper
117	100		
201	70.8	36.5	109.5





#91
1,2-Dichlorobenzene
Concen: 5.806 ug/l
RT: 13.865 min Scan# 1962
Delta R.T. -0.006 min
Lab File: VW020748.D
Acq: 02 Nov 2021 20:04

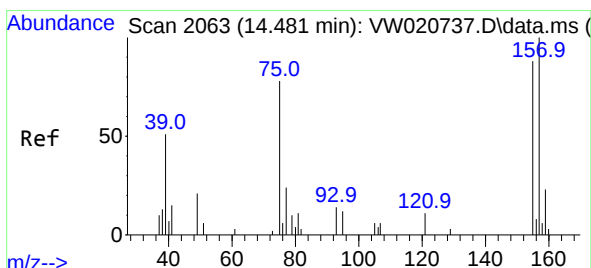
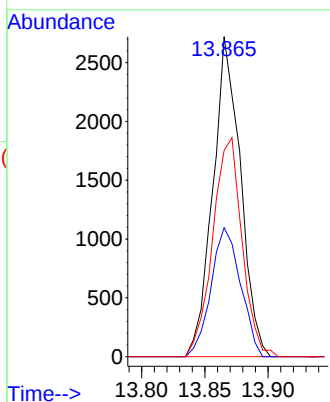
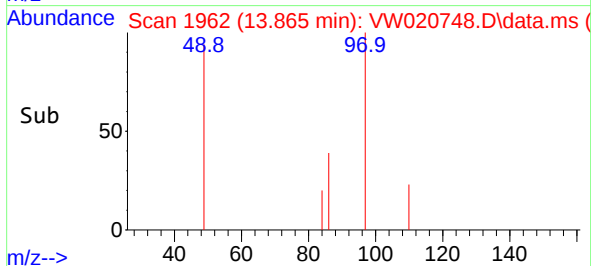
Instrument : MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021



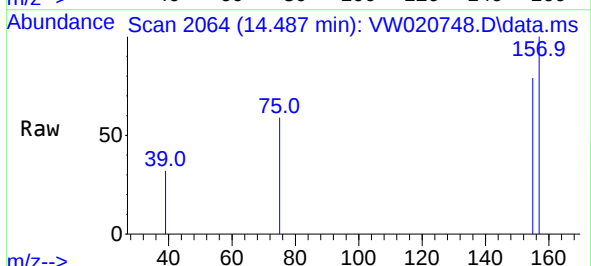
Tgt Ion:146 Resp: 4128
Ion Ratio Lower Upper
146 100
111 43.1 21.1 63.3
148 72.6 33.2 99.6

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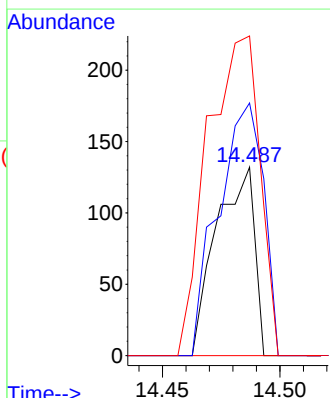
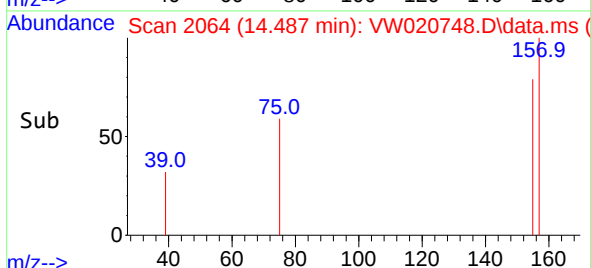
Reviewed By :Vimala Arumugam 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021

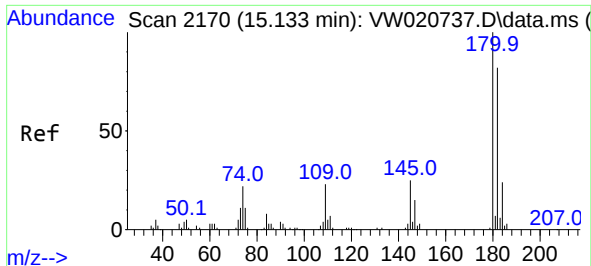


#92
1,2-Dibromo-3-Chloropropane
Concen: 3.508 ug/l
RT: 14.487 min Scan# 2064
Delta R.T. 0.006 min
Lab File: VW020748.D
Acq: 02 Nov 2021 20:04



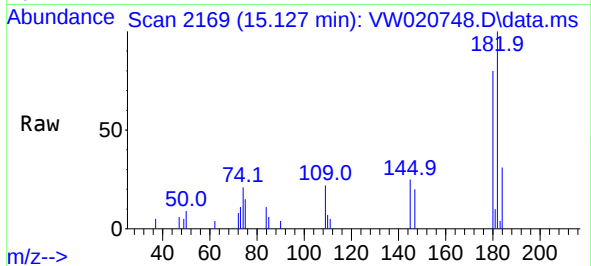
Tgt Ion: 75 Resp: 149
Ion Ratio Lower Upper
75 100
155 159.7 52.8 158.4#
157 230.9 61.5 184.4#





#93
1,2,4-Trichlorobenzene
Concen: 5.369 ug/l
RT: 15.127 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VW020748.D
Acq: 02 Nov 2021 20:04

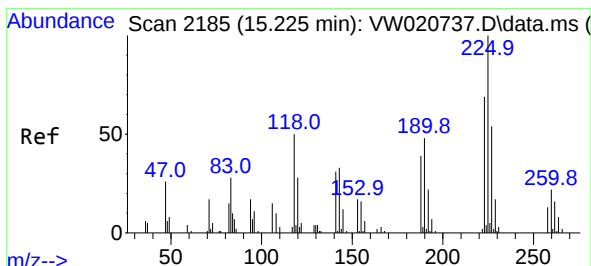
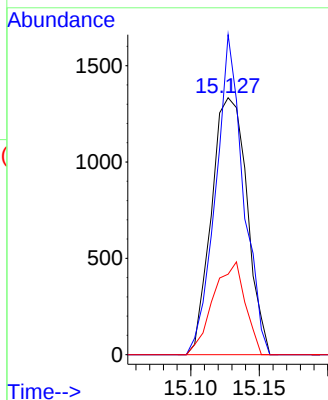
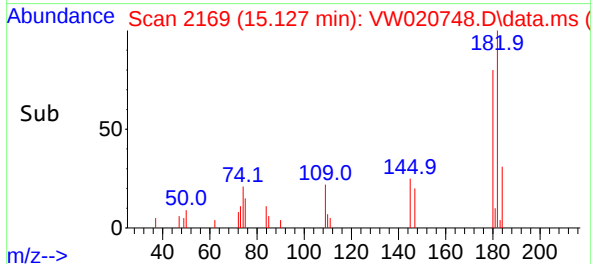
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021



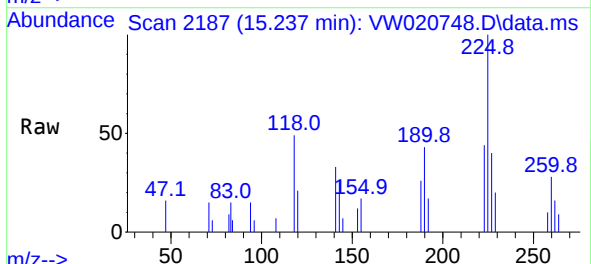
Tgt Ion:180 Resp: 2409
Ion Ratio Lower Upper
180 100
182 97.1 47.1 141.3
145 32.5 14.7 44.1

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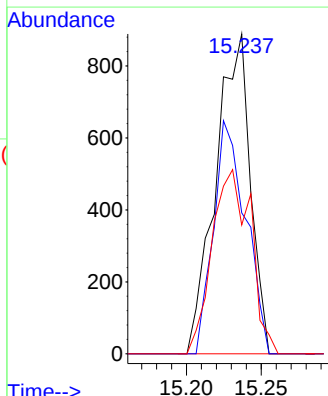
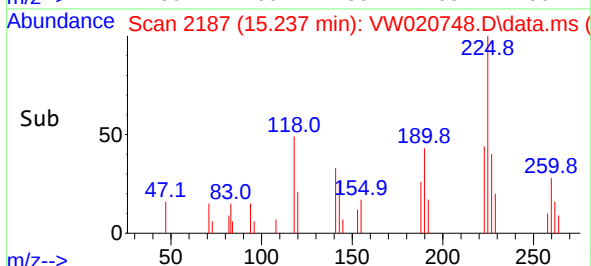
Reviewed By :Vimala Arumugam 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021

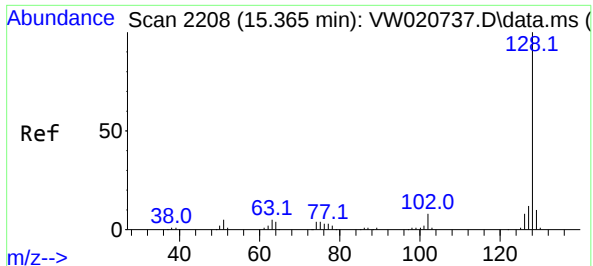


#94
Hexachlorobutadiene
Concen: 5.865 ug/l
RT: 15.237 min Scan# 2187
Delta R.T. 0.012 min
Lab File: VW020748.D
Acq: 02 Nov 2021 20:04



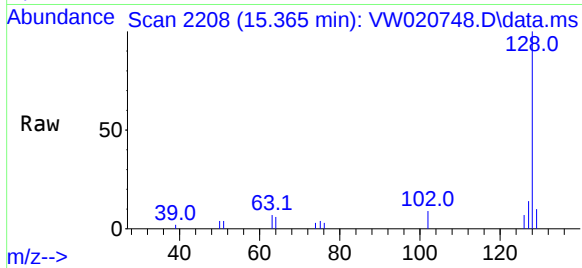
Tgt Ion:225 Resp: 1429
Ion Ratio Lower Upper
225 100
223 67.8 34.6 103.9
227 64.5 30.6 92.0





#95
Naphthalene
Concen: 5.035 ug/l
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW020748.D
Acq: 02 Nov 2021 20:04

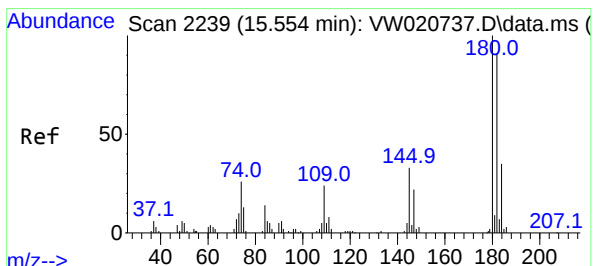
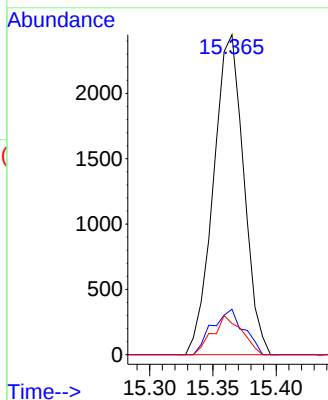
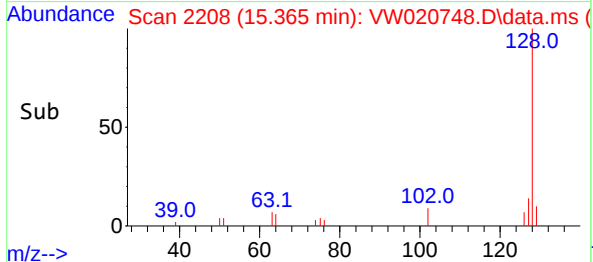
Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT4-2021



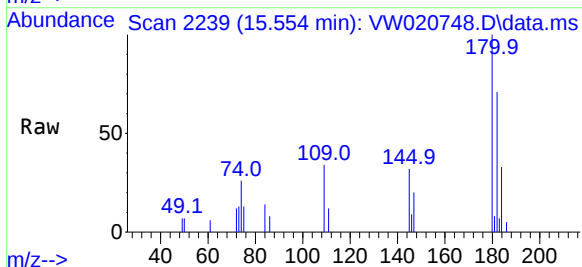
Tgt Ion:128 Resp: 4078
Ion Ratio Lower Upper
128 100
127 14.9 10.6 15.8
129 11.8 8.5 12.7

Manual Integrations
APPROVED

Reviewed By :Vimala Arumugam 11/03/2021
Supervised By :Mahesh Dadoda 11/03/2021



#96
1,2,3-Trichlorobenzene
Concen: 5.368 ug/l
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW020748.D
Acq: 02 Nov 2021 20:04



Tgt Ion:180 Resp: 2104
Ion Ratio Lower Upper
180 100
182 97.9 47.3 141.8
145 32.8 16.3 48.8

