

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062222\
 Data File : VY009268.D
 Acq On : 22 Jun 2022 12:49
 Operator : KP/MD
 Sample : N3214-02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LOQ-SOIL-02-QT2-2022 5.0PPB

Quant Time: Jun 23 08:23:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 23 08:23:20 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/23/2022
 Supervised By :Semsettin Yesilyurt 06/23/2022

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	157151	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	254087	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	227367	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	115251	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	10640	6.165	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	12.320%#		
35) Dibromofluoromethane	7.710	113	9373	5.696	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	11.400%#		
50) Toluene-d8	10.179	98	36804	5.822	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	11.640%#		
62) 4-Bromofluorobenzene	12.483	95	13278	5.978	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	11.960%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	6616	5.746	ug/l	89
3) Chloromethane	2.113	50	8091	5.726	ug/l	90
4) Vinyl Chloride	2.247	62	9134	5.819	ug/l #	85
5) Bromomethane	2.638	94	6723	6.143	ug/l	100
6) Chloroethane	2.790	64	5534	5.296	ug/l	94
7) Trichlorofluoromethane	3.113	101	14182	5.692	ug/l	87
8) Diethyl Ether	3.522	74	5406	5.909	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.893	101	9058	5.718	ug/l	91
10) Methyl Iodide	4.082	142	9309	4.812	ug/l #	84
11) Tert butyl alcohol	4.924	59	16594	51.365	ug/l #	77
12) 1,1-Dichloroethene	3.863	96	8519	5.659	ug/l #	83
13) Acrolein	3.729	56	1137	15.861	ug/l	96
14) Allyl chloride	4.466	41	14794	5.470	ug/l	92
15) Acrylonitrile	5.155	53	14386	28.196	ug/l	98
16) Acetone	3.948	43	14401	33.770	ug/l	91
17) Carbon Disulfide	4.186	76	19701	4.711	ug/l	96
18) Methyl Acetate	4.473	43	13870	9.479	ug/l	97
19) Methyl tert-butyl Ether	5.204	73	25755	5.691	ug/l #	89
20) Methylene Chloride	4.710	84	16531	5.856	ug/l	89
21) trans-1,2-Dichloroethene	5.210	96	9807	5.497	ug/l #	80
22) Diisopropyl ether	6.113	45	31875	5.607	ug/l	98
23) Vinyl Acetate	6.052	43	79417	22.753	ug/l #	95
24) 1,1-Dichloroethane	6.009	63	18304	5.688	ug/l	95
25) 2-Butanone	6.984	43	21072	30.599	ug/l	96
26) 2,2-Dichloropropane	6.978	77	18106	5.985	ug/l	97
27) cis-1,2-Dichloroethene	6.978	96	11644	5.567	ug/l	96
28) Bromochloromethane	7.332	49	8357	6.019	ug/l	94
29) Tetrahydrofuran	7.344	42	12777	29.297	ug/l	92
30) Chloroform	7.503	83	18564	5.604	ug/l	98
31) Cyclohexane	7.783	56	17564	5.862	ug/l #	66
32) 1,1,1-Trichloroethane	7.691	97	15965	5.521	ug/l	95
36) 1,1-Dichloropropene	7.911	75	13783	5.504	ug/l	97
37) Ethyl Acetate	7.070	43	8657	5.717	ug/l #	86
38) Carbon Tetrachloride	7.893	117	14331	5.504	ug/l	92
39) Methylcyclohexane	9.179	83	15213	4.951	ug/l	91
40) Benzene	8.155	78	41388	5.586	ug/l #	88

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062222\
 Data File : VY009268.D
 Acq On : 22 Jun 2022 12:49
 Operator : KP/MD
 Sample : N3214-02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LOQ-SOIL-02-QT2-2022 5.0PPB

Quant Time: Jun 23 08:23:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 23 08:23:20 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/23/2022
 Supervised By :Semsettin Yesilyurt 06/23/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	5175	6.164	ug/l #	42
42) 1,2-Dichloroethane	8.228	62	11909	5.602	ug/l	91
43) Isopropyl Acetate	8.271	43	15786	5.689	ug/l	94
44) Trichloroethene	8.941	130	11717	5.616	ug/l	96
45) 1,2-Dichloropropane	9.210	63	10769	5.642	ug/l	90
46) Dibromomethane	9.301	93	6140	5.657	ug/l	95
47) Bromodichloromethane	9.490	83	14007	5.435	ug/l	98
48) Methyl methacrylate	9.289	41	6539	5.376	ug/l #	89
49) 1,4-Dioxane	9.289	88	1720	110.282	ug/l	91
51) 4-Methyl-2-Pentanone	10.069	43	41786	28.950	ug/l	97
52) Toluene	10.240	92	24980	5.334	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	13787	5.145	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	16034	5.257	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	8919	5.855	ug/l	94
56) Ethyl methacrylate	10.508	69	10449	5.185	ug/l #	89
57) 1,3-Dichloropropane	10.789	76	14477	5.554	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	26109	30.200	ug/l	99
59) 2-Hexanone	10.831	43	27829	28.489	ug/l	92
60) Dibromochloromethane	10.977	129	9951	5.356	ug/l	97
61) 1,2-Dibromoethane	11.087	107	8211	5.528	ug/l	97
64) Tetrachloroethene	10.715	164	12493	5.695	ug/l	97
65) Chlorobenzene	11.514	112	28789	5.621	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	10164	5.427	ug/l	96
67) Ethyl Benzene	11.593	91	49357	5.560	ug/l	95
68) m/p-Xylenes	11.703	106	38274	10.988	ug/l	93
69) o-Xylene	12.026	106	18052	5.450	ug/l	89
70) Styrene	12.044	104	28917	5.264	ug/l	96
71) Bromoform	12.209	173	6298	5.441	ug/l #	98
73) Isopropylbenzene	12.325	105	46108	5.099	ug/l	98
74) N-amyl acetate	12.142	43	12771	5.288	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	9776	5.683	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	7412m	5.485	ug/l	
77) Bromobenzene	12.605	156	11647	5.303	ug/l	96
78) n-propylbenzene	12.672	91	57674	5.294	ug/l	97
79) 2-Chlorotoluene	12.758	91	32977	5.374	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	38225	5.092	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.380	75	3336	5.235	ug/l	91
82) 4-Chlorotoluene	12.855	91	34666	5.416	ug/l	96
83) tert-Butylbenzene	13.075	119	33988	5.192	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	38714	5.263	ug/l	99
85) sec-Butylbenzene	13.251	105	50981	5.202	ug/l	98
86) p-Isopropyltoluene	13.367	119	43438	5.333	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	22940	5.404	ug/l	98
88) 1,4-Dichlorobenzene	13.447	146	23913	5.614	ug/l	96
89) n-Butylbenzene	13.697	91	40325	5.316	ug/l	99
90) Hexachloroethane	13.959	117	7909	5.119	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	21263	5.575	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.355	75	1669	5.447	ug/l	89
93) 1,2,4-Trichlorobenzene	15.007	180	12125	5.196	ug/l	99
94) Hexachlorobutadiene	15.111	225	7658	6.100	ug/l	94
95) Naphthalene	15.233	128	22368	4.778	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	10430	5.230	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062222\
 Data File : VY009268.D
 Acq On : 22 Jun 2022 12:49
 Operator : KP/MD
 Sample : N3214-02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LOQ-SOIL-02-QT2-2022 5.0PPB

Quant Time: Jun 23 08:23:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 23 08:23:20 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/23/2022
 Supervised By :Semsettin Yesilyurt 06/23/2022

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

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

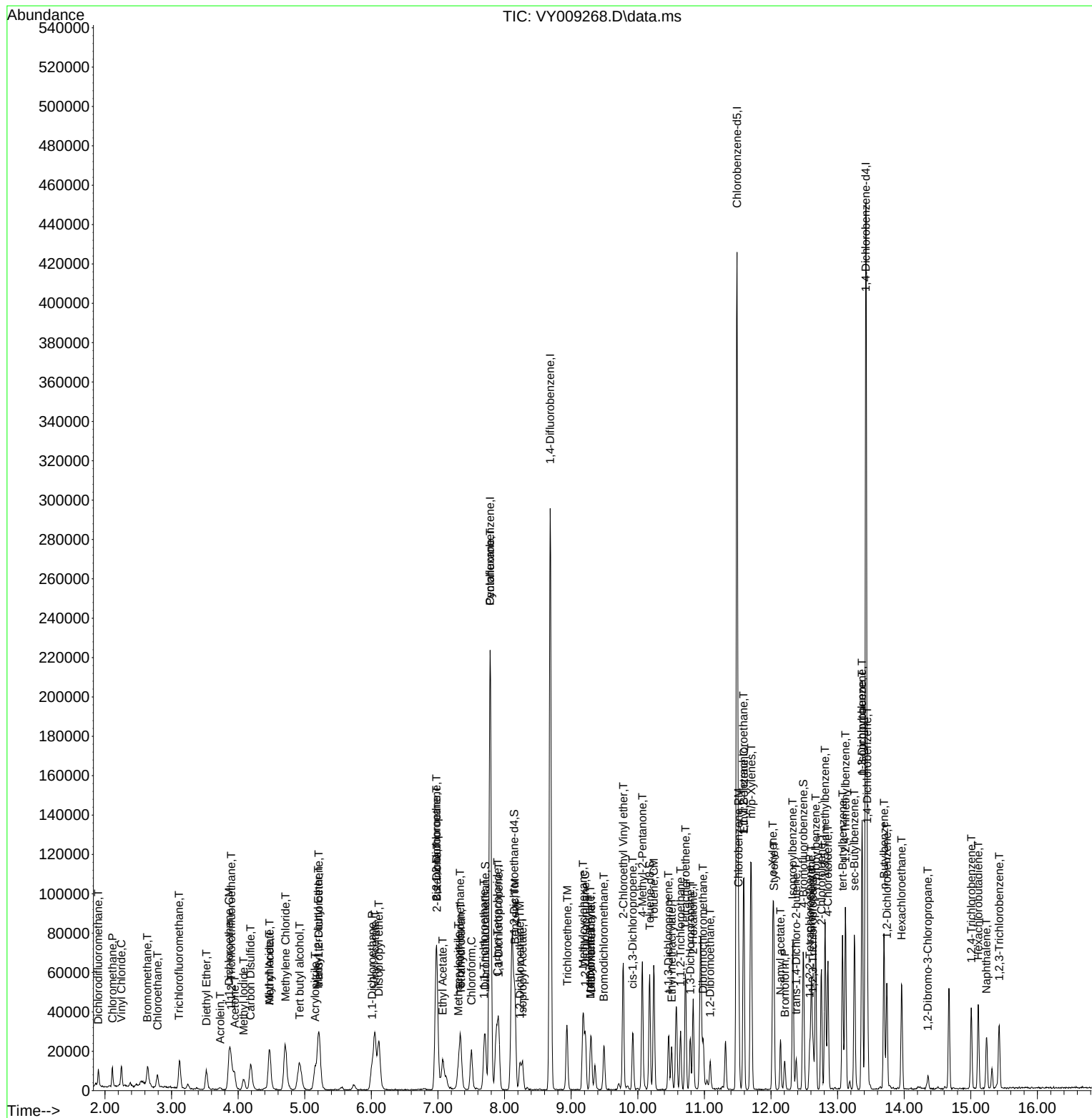
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062222\
Data File : VY009268.D
Acq On : 22 Jun 2022 12:49
Operator : KP/MD
Sample : N3214-02
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

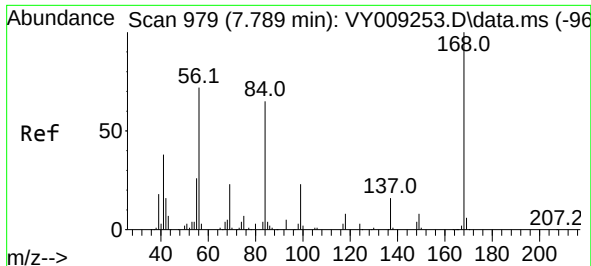
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2022 5.0PPB

Quant Time: Jun 23 08:23:36 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062122S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 23 08:23:20 2022
Response via : Initial Calibration

Manual Integrations APPROVED

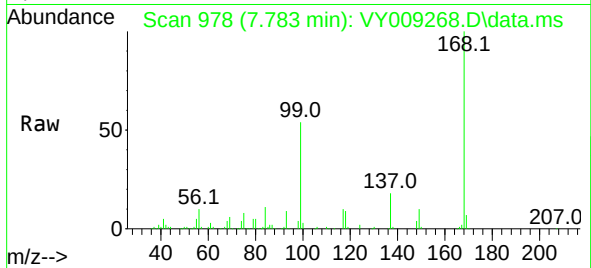
Reviewed By : Mahesh Dadoda 06/23/2022
Supervised By : Semsettin Yesilyurt 06/23/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

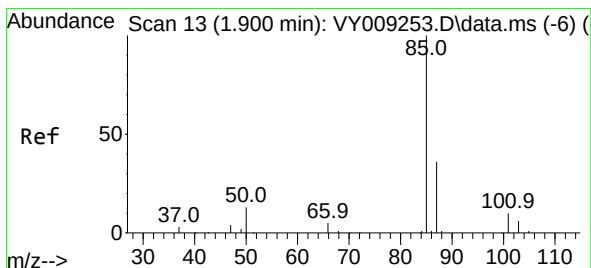
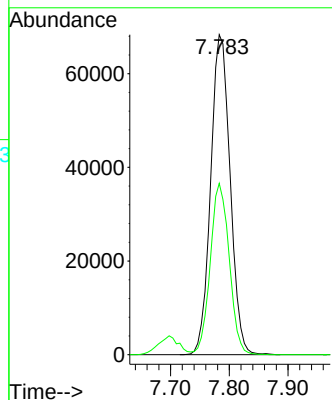
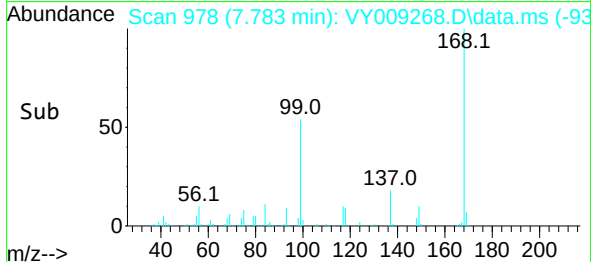
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2022 5.0PPB



Tgt Ion:168 Resp: 15715
Ion Ratio Lower Upper
168 100
99 53.5 46.9 70.3

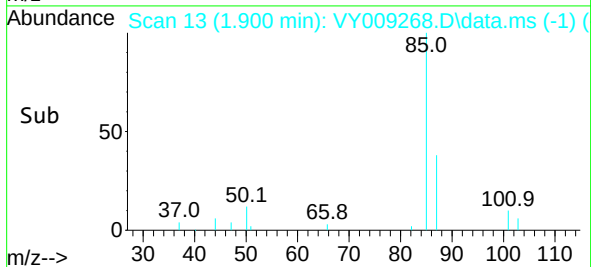
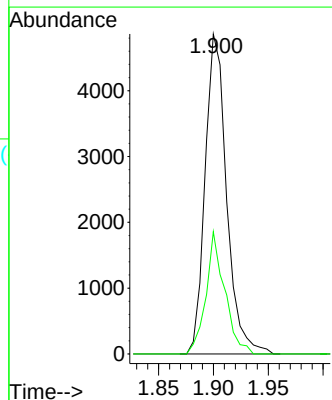
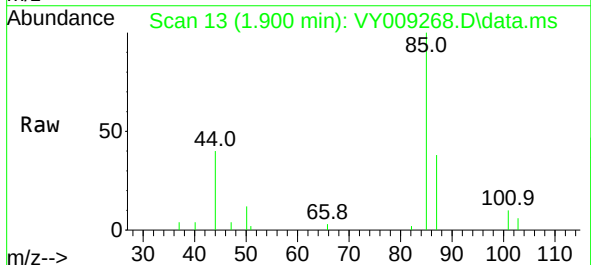
Manual Integrations
APPROVED

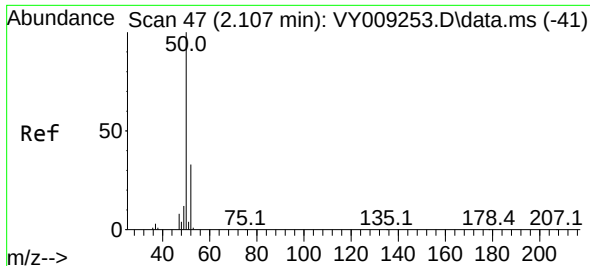
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#2
Dichlorodifluoromethane
Concen: 5.746 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

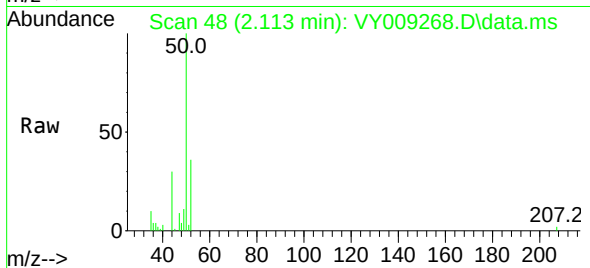
Tgt Ion: 85 Resp: 6616
Ion Ratio Lower Upper
85 100
87 38.2 16.1 48.2





#3
Chloromethane
Concen: 5.726 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

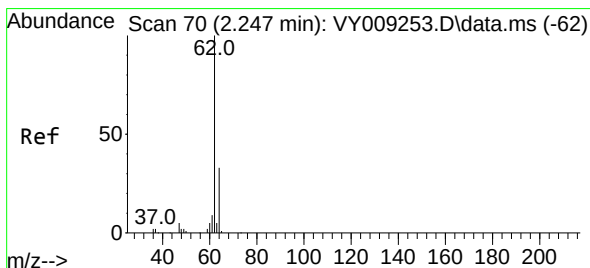
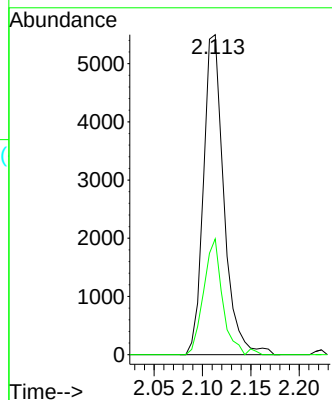
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2022 5.0PPB



Tgt Ion: 50 Resp: 809
Ion Ratio Lower Upper
50 100
52 36.2 24.6 37.0

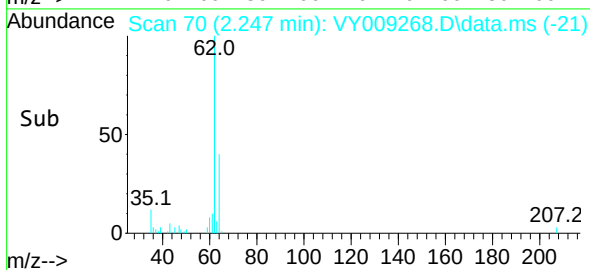
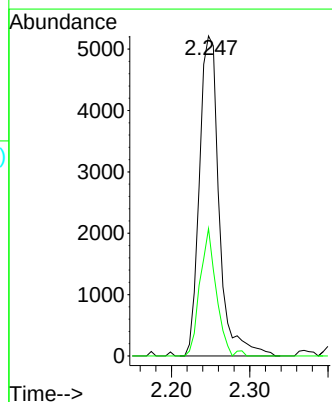
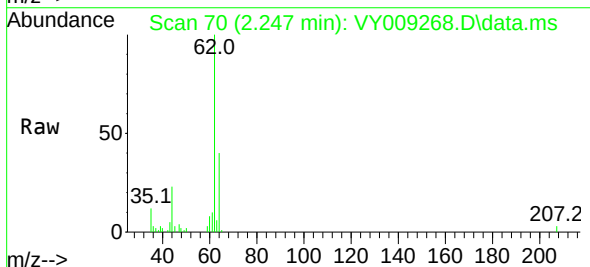
Manual Integrations
APPROVED

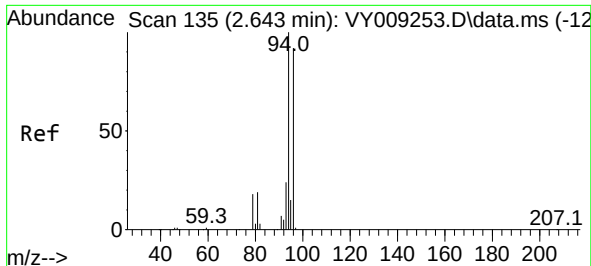
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#4
Vinyl Chloride
Concen: 5.819 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.000 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

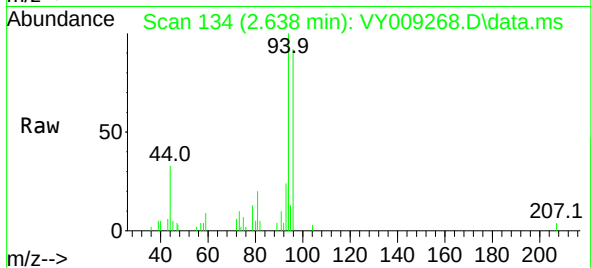
Tgt Ion: 62 Resp: 9134
Ion Ratio Lower Upper
62 100
64 39.8 25.0 37.6





#5
Bromomethane
Concen: 6.143 ug/l
RT: 2.638 min Scan# 11
Delta R.T. -0.005 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

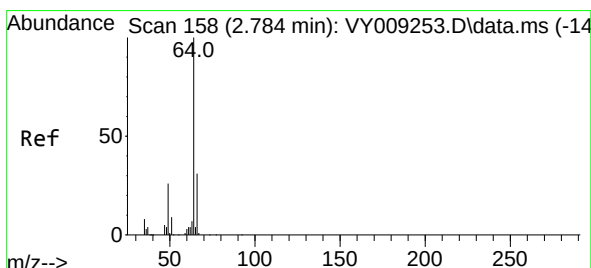
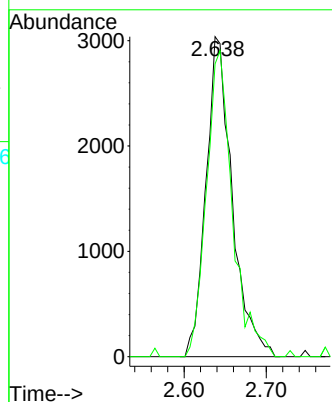
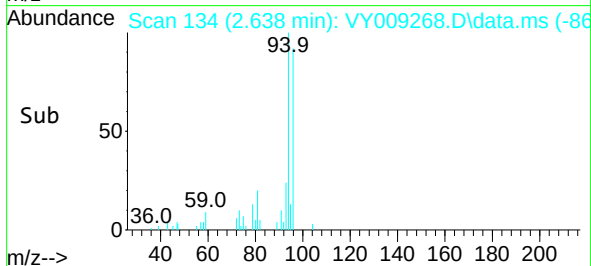
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2022 5.0PPB



Tgt Ion: 94 Resp: 672
Ion Ratio Lower Upper
94 100
96 91.5 73.5 110.3

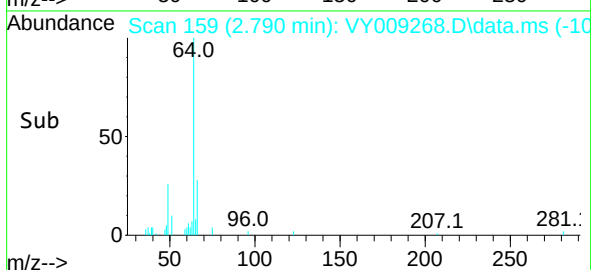
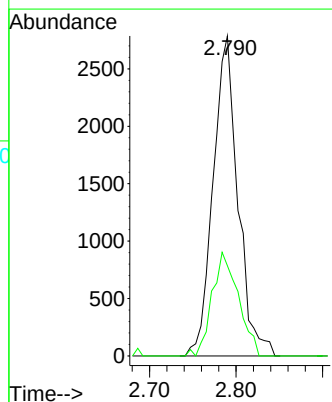
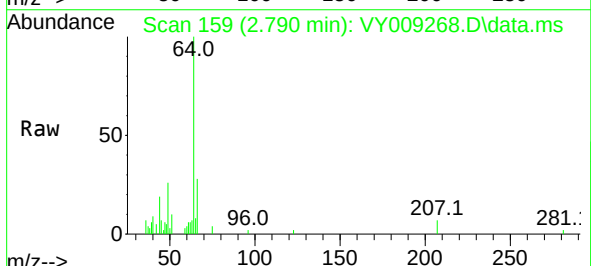
Manual Integrations
APPROVED

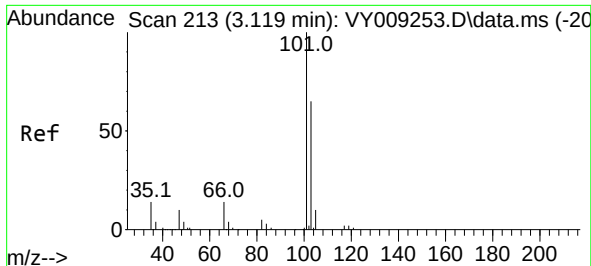
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#6
Chloroethane
Concen: 5.296 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.006 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

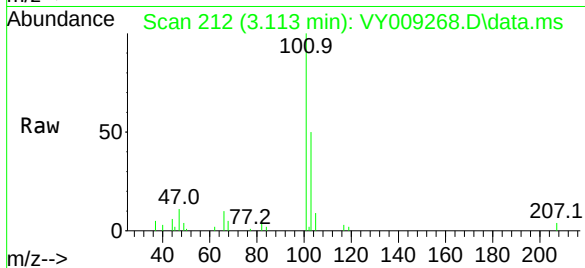
Tgt Ion: 64 Resp: 5534
Ion Ratio Lower Upper
64 100
66 28.2 25.4 38.0





#7
 Trichlorofluoromethane
 Concen: 5.692 ug/l
 RT: 3.113 min Scan# 213
 Delta R.T. -0.006 min
 Lab File: VY009268.D
 Acq: 22 Jun 2022 12:49

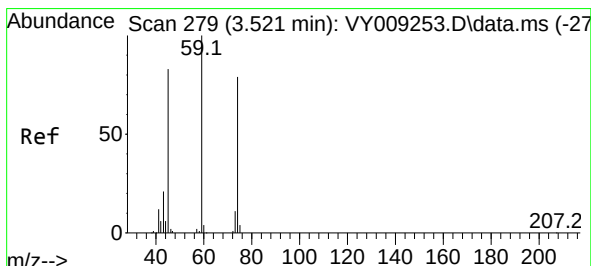
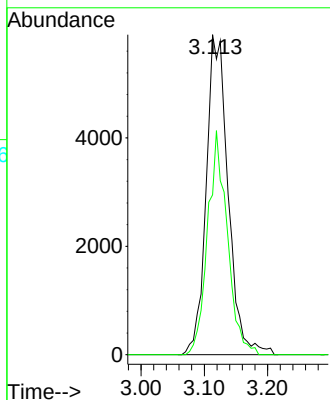
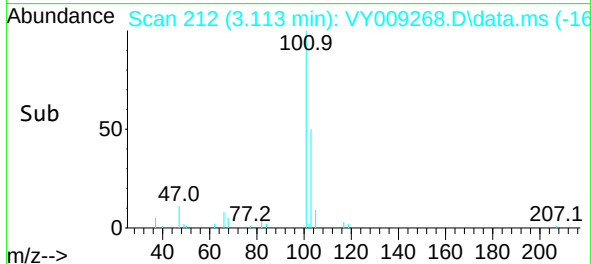
Instrument : MSVOA_Y
 ClientSampleId : LOQ-SOIL-02-QT2-2022 5.0PPB



Tgt Ion: 101 Resp: 1418
 Ion Ratio Lower Upper
 101 100
 103 49.9 48.0 72.0

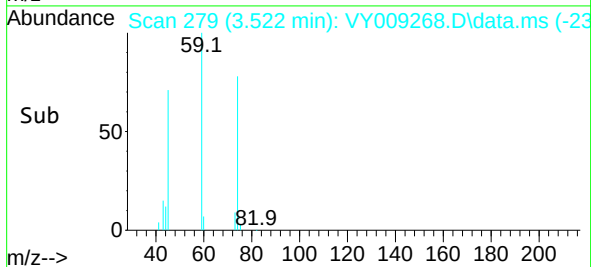
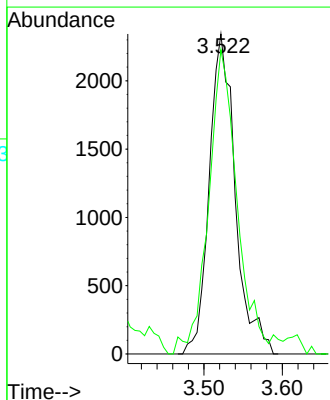
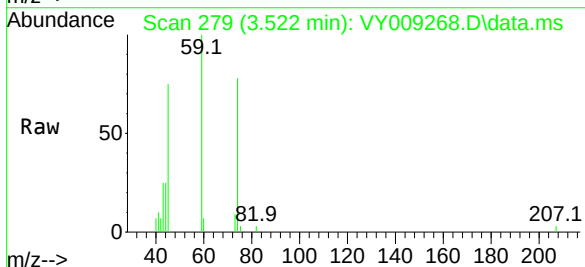
Manual Integrations
 APPROVED

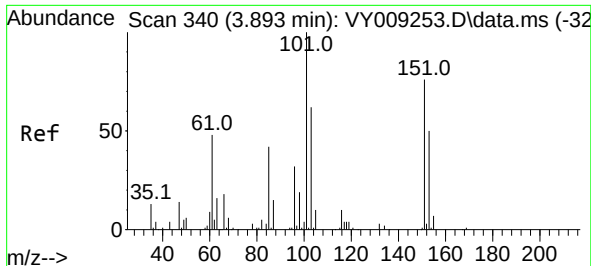
Reviewed By :Mahesh Dadoda 06/23/2022
 Supervised By :Semsettin Yesilyurt 06/23/2022



#8
 Diethyl Ether
 Concen: 5.909 ug/l
 RT: 3.522 min Scan# 279
 Delta R.T. 0.001 min
 Lab File: VY009268.D
 Acq: 22 Jun 2022 12:49

Tgt Ion: 74 Resp: 5406
 Ion Ratio Lower Upper
 74 100
 45 104.0 55.1 165.5





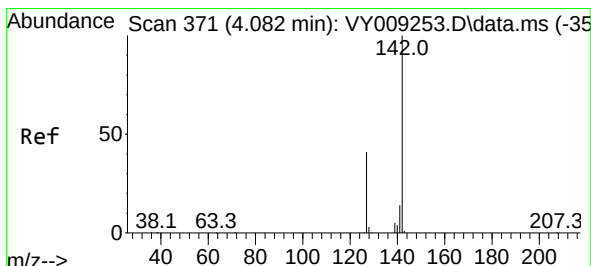
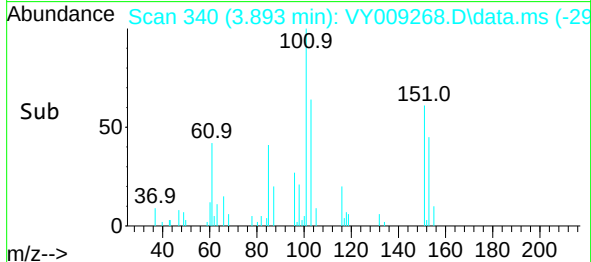
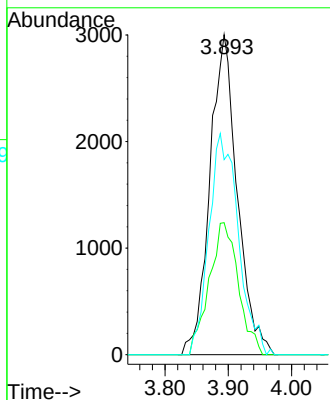
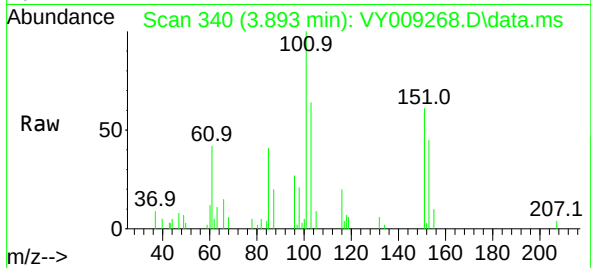
#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.718 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2022 5.0PPB

Tgt Ion:101 Resp: 9058
Ion Ratio Lower Upper
101 100
85 43.8 40.6 60.8
151 74.0 64.9 97.3

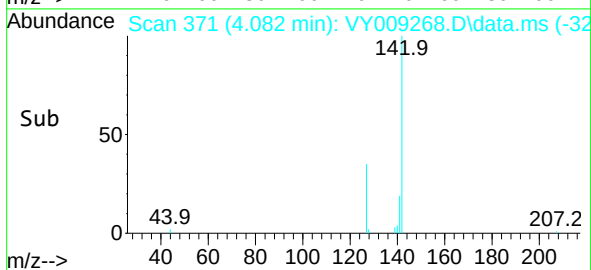
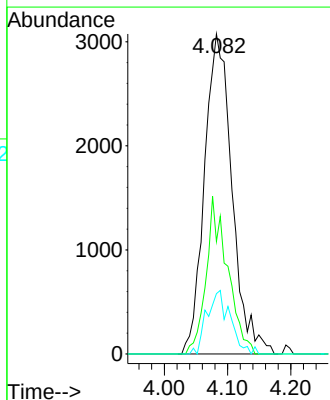
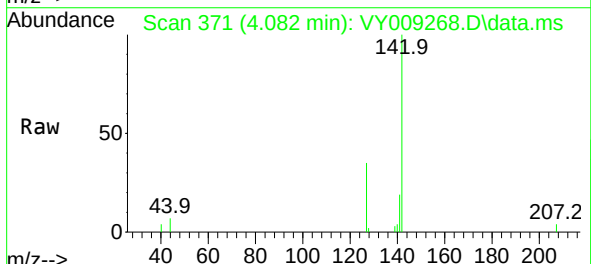
Manual Integrations
APPROVED

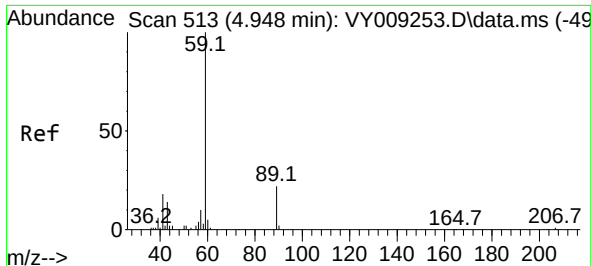
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#10
Methyl Iodide
Concen: 4.812 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

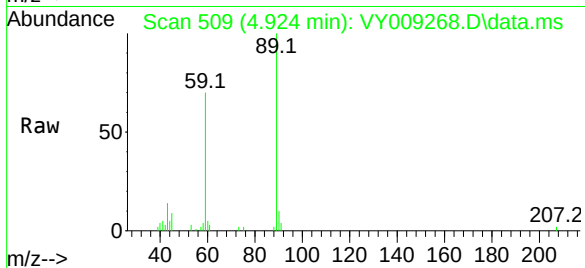
Tgt Ion:142 Resp: 9309
Ion Ratio Lower Upper
142 100
127 38.2 41.5 62.3#
141 16.8 11.9 17.9





#11
Tert butyl alcohol
Concen: 51.365 ug/l
RT: 4.924 min Scan# 509
Delta R.T. -0.024 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

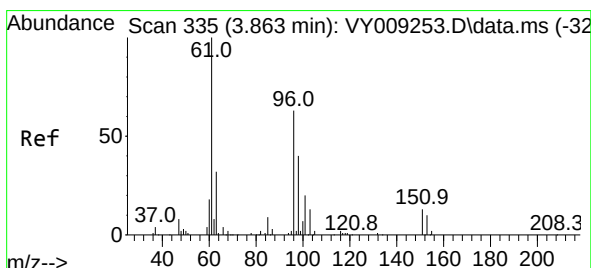
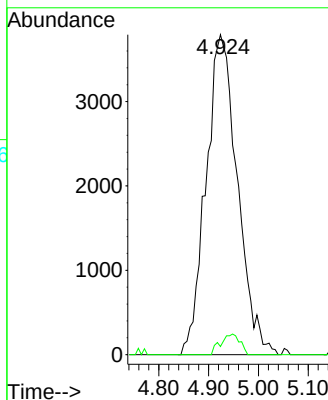
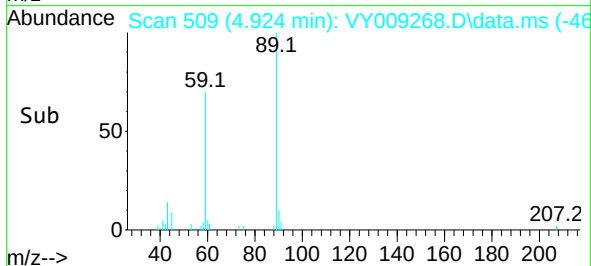
Instrument : MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2022 5.0PPB



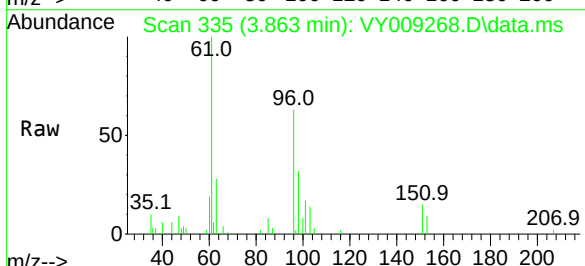
Tgt Ion: 59 Resp: 16594
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6

Manual Integrations APPROVED

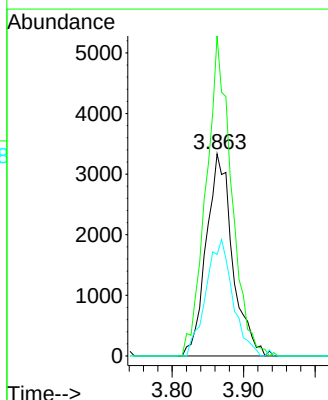
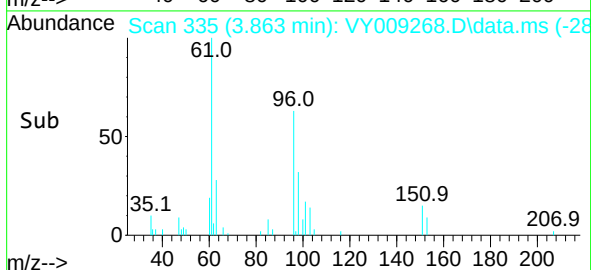
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022

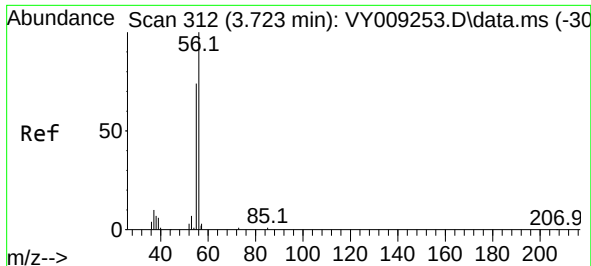


#12
1,1-Dichloroethene
Concen: 5.659 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.000 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49



Tgt Ion: 96 Resp: 8519
Ion Ratio Lower Upper
96 100
61 158.3 145.8 218.6
98 50.2 52.5 78.7#





#13

Acrolein

Concen: 15.861 ug/l

RT: 3.729 min Scan# 312

Delta R.T. 0.006 min

Lab File: VY009268.D

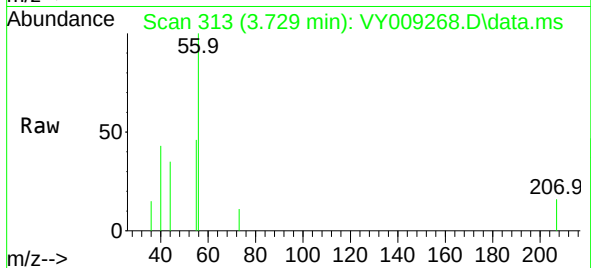
Acq: 22 Jun 2022 12:49

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT2-2022 5.0PPB



Tgt Ion: 56 Resp: 113

Ion Ratio Lower Upper

56 100

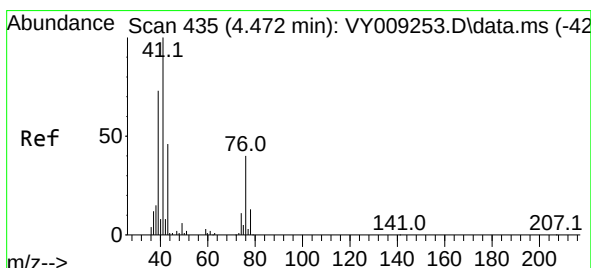
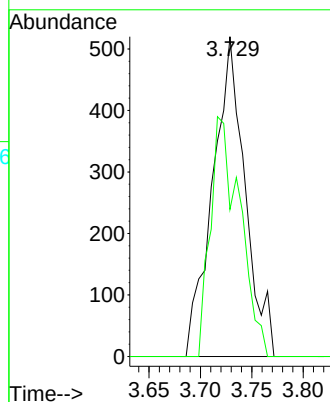
55 68.7 57.6 86.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/23/2022

Supervised By :Semsettin Yesilyurt 06/23/2022



#14

Allyl chloride

Concen: 5.470 ug/l

RT: 4.466 min Scan# 434

Delta R.T. -0.006 min

Lab File: VY009268.D

Acq: 22 Jun 2022 12:49

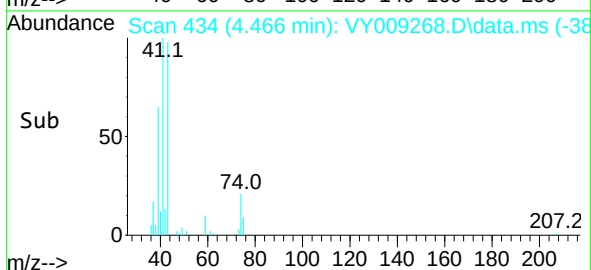
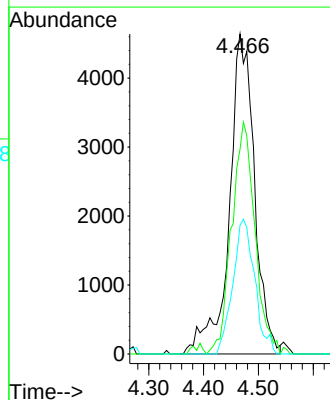
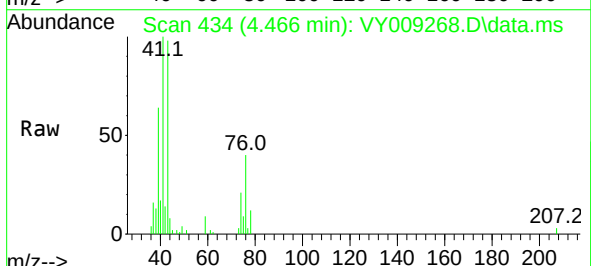
Tgt Ion: 41 Resp: 14794

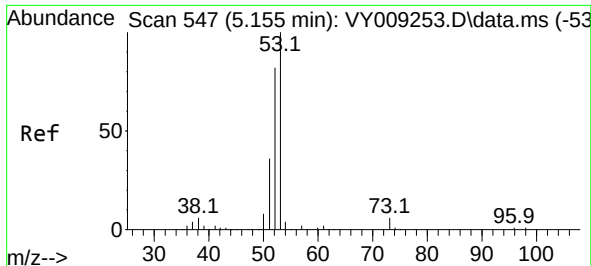
Ion Ratio Lower Upper

41 100

39 67.2 58.8 88.2

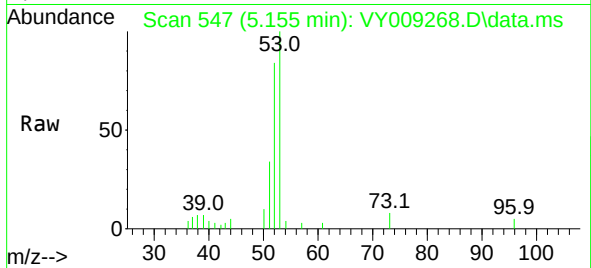
76 36.6 25.1 37.7





#15
Acrylonitrile
Concen: 28.196 ug/l
RT: 5.155 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

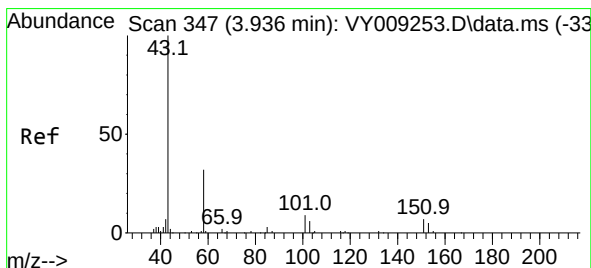
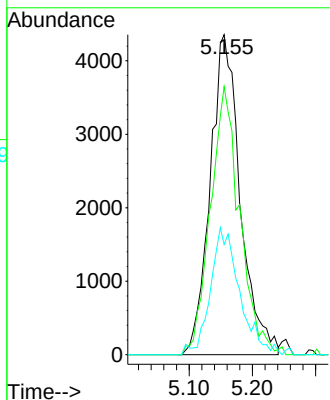
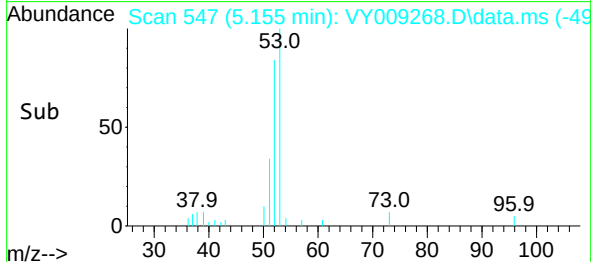
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2022 5.0PPB



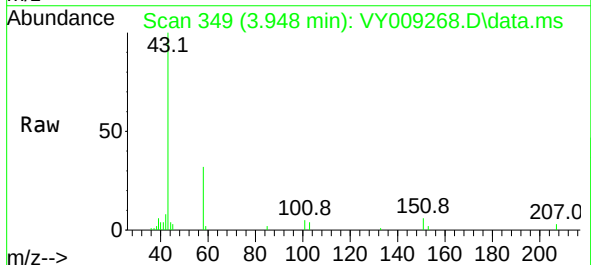
Tgt Ion: 53 Resp: 14380
Ion Ratio Lower Upper
53 100
52 81.8 67.0 100.4
51 38.4 29.8 44.6

Manual Integrations
APPROVED

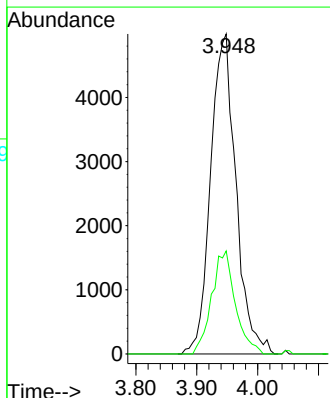
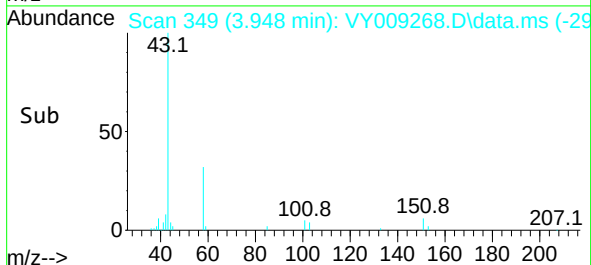
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022

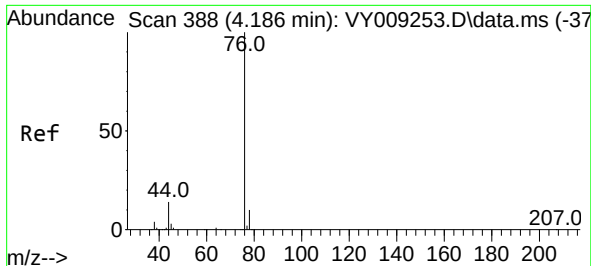


#16
Acetone
Concen: 33.770 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.012 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49



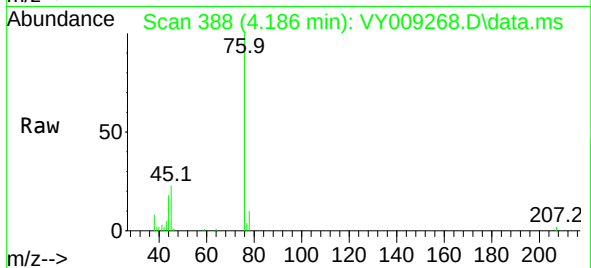
Tgt Ion: 43 Resp: 14401
Ion Ratio Lower Upper
43 100
58 32.2 22.0 33.0





#17
Carbon Disulfide
Concen: 4.711 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.000 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

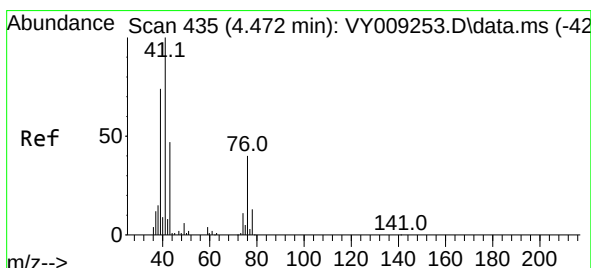
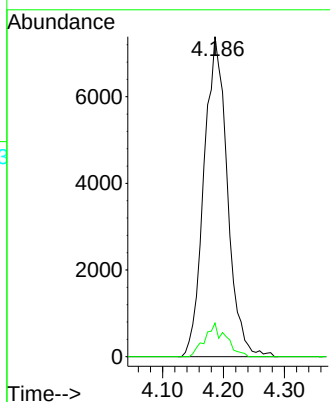
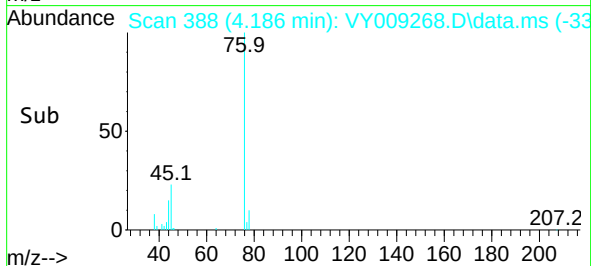
Instrument : MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2022 5.0PPB



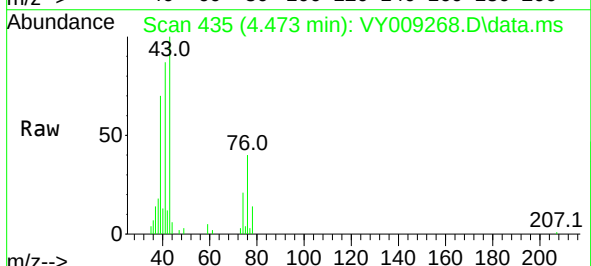
Tgt Ion: 76 Resp: 1970
Ion Ratio Lower Upper
76 100
78 10.5 7.4 11.0

Manual Integrations
APPROVED

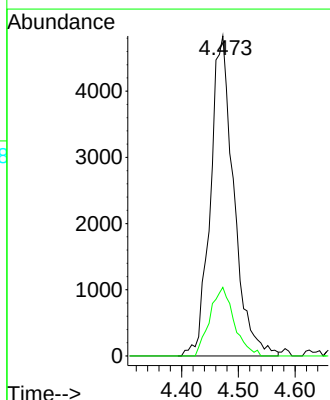
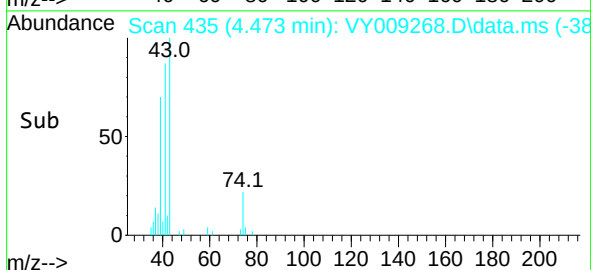
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022

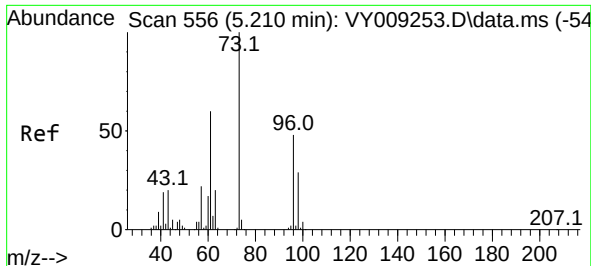


#18
Methyl Acetate
Concen: 9.479 ug/l
RT: 4.473 min Scan# 435
Delta R.T. 0.001 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49



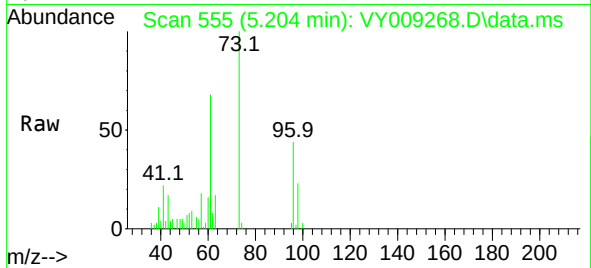
Tgt Ion: 43 Resp: 13870
Ion Ratio Lower Upper
43 100
74 22.2 16.6 24.8





#19
Methyl tert-butyl Ether
Concen: 5.691 ug/l
RT: 5.204 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

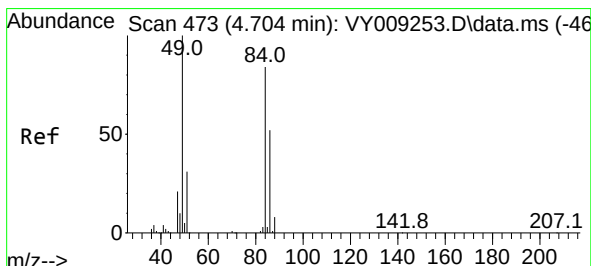
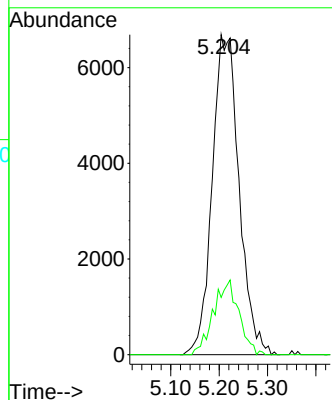
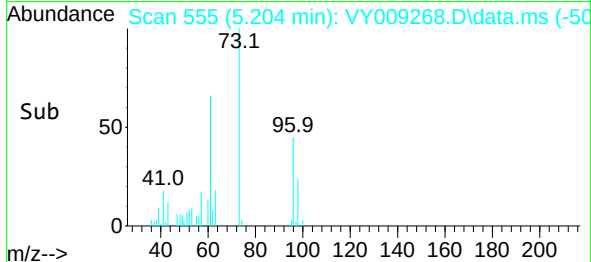
Instrument : MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2022 5.0PPB



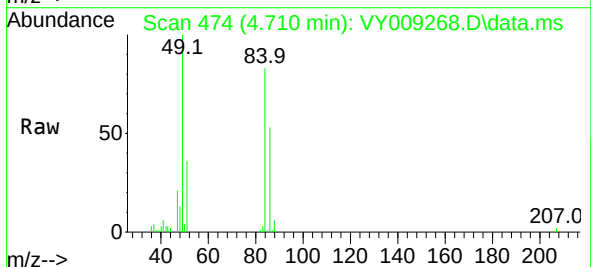
Tgt Ion: 73 Resp: 2575
Ion Ratio Lower Upper
73 100
57 17.9 18.6 27.8

Manual Integrations
APPROVED

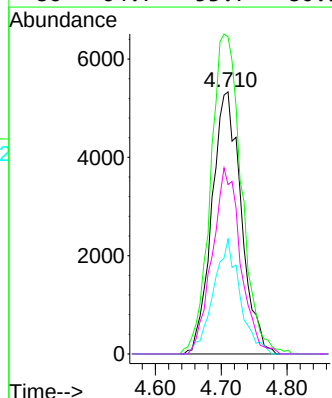
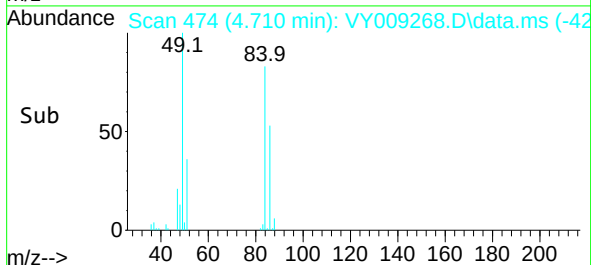
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022

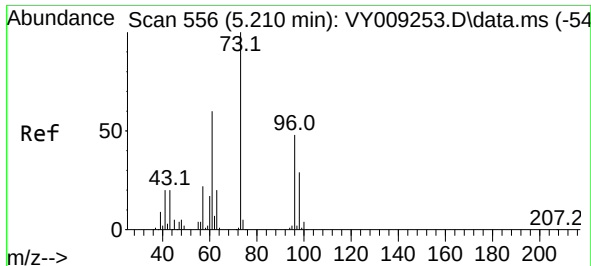


#20
Methylene Chloride
Concen: 5.856 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49



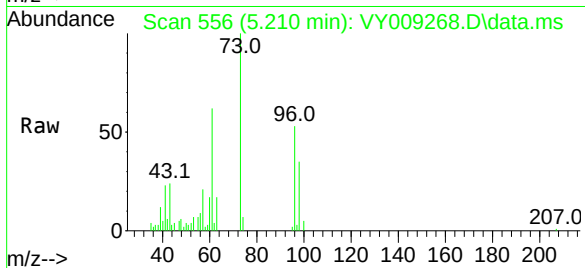
Tgt Ion: 84 Resp: 16531
Ion Ratio Lower Upper
84 100
49 121.0 114.4 171.6
51 43.9 35.3 52.9
86 64.7 53.7 80.5





#21
trans-1,2-Dichloroethene
Concen: 5.497 ug/l
RT: 5.210 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

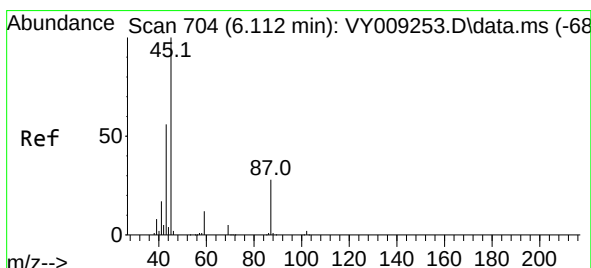
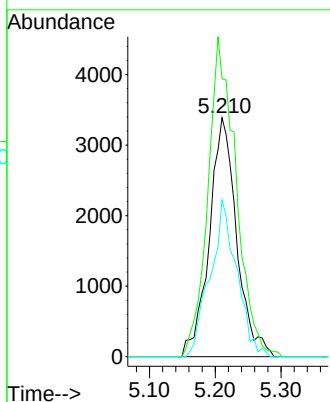
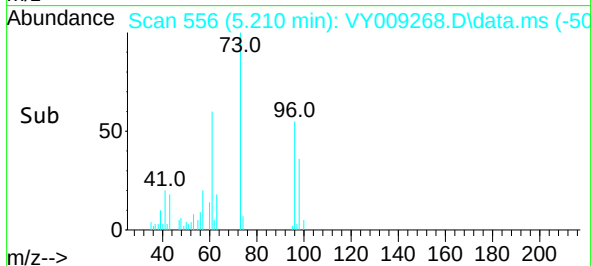
Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT2-2022 5.0PPB



Tgt Ion: 96 Resp: 980
Ion Ratio Lower Upper
96 100
61 116.3 120.5 180.7
98 65.8 49.8 74.8

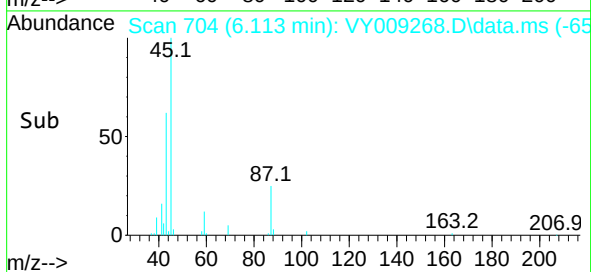
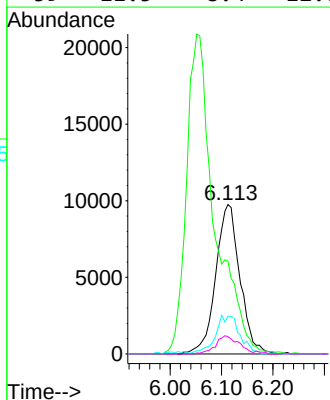
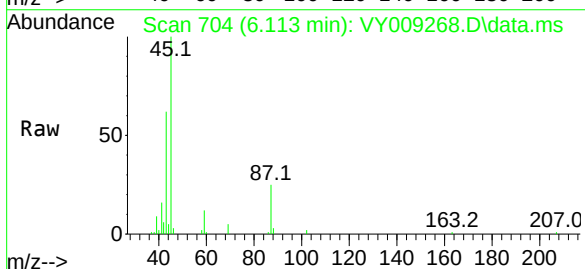
Manual Integrations
APPROVED

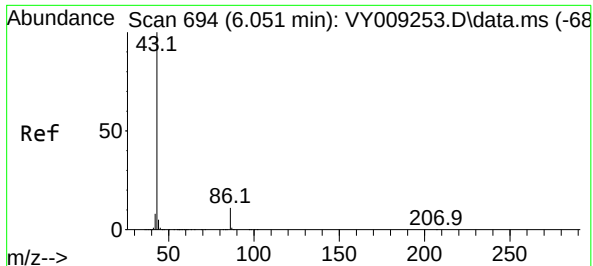
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#22
Diisopropyl ether
Concen: 5.607 ug/l
RT: 6.113 min Scan# 704
Delta R.T. 0.001 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

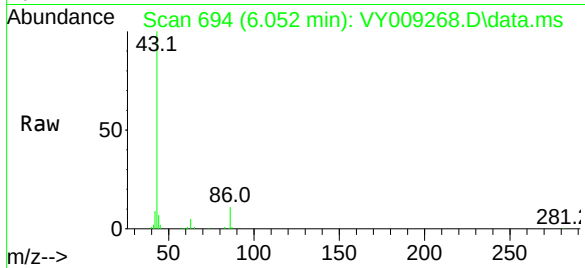
Tgt Ion: 45 Resp: 31875
Ion Ratio Lower Upper
45 100
43 60.7 49.3 73.9
87 25.3 19.2 28.8
59 11.5 8.4 12.6





#23
 Vinyl Acetate
 Concen: 22.753 ug/l
 RT: 6.052 min Scan# 694
 Delta R.T. 0.001 min
 Lab File: VY009268.D
 Acq: 22 Jun 2022 12:49

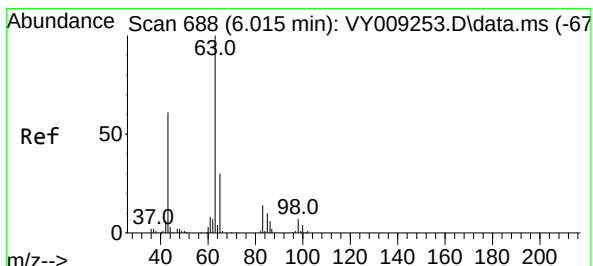
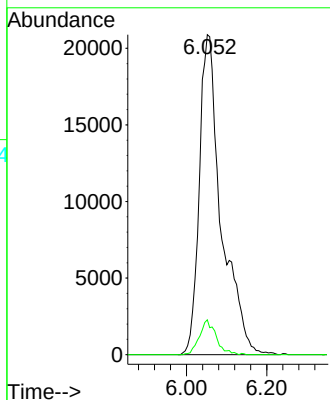
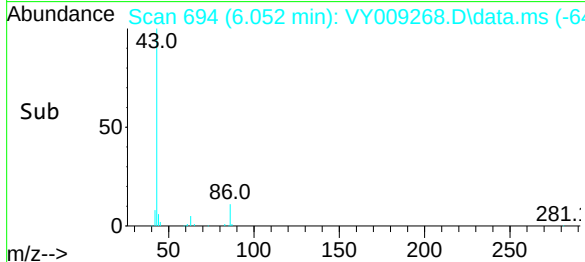
Instrument : MSVOA_Y
 ClientSampleId : LOQ-SOIL-02-QT2-2022 5.0PPB



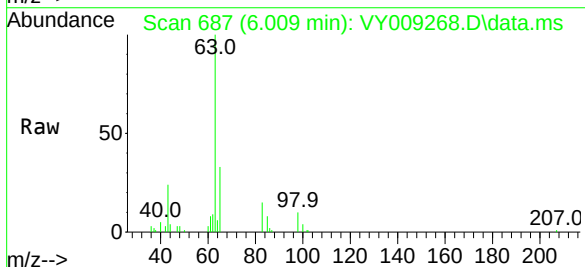
Tgt Ion: 43 Resp: 7941
 Ion Ratio Lower Upper
 43 100
 86 10.9 7.1 10.7

Manual Integrations
 APPROVED

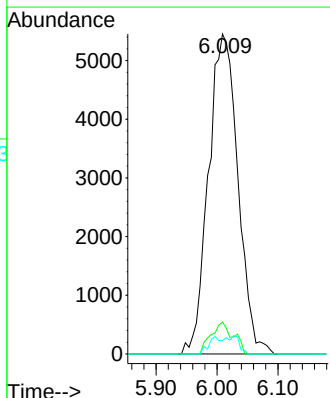
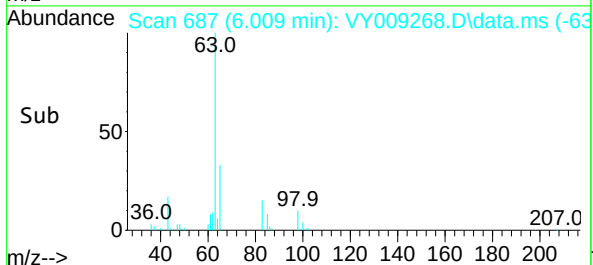
Reviewed By :Mahesh Dadoda 06/23/2022
 Supervised By :Semsettin Yesilyurt 06/23/2022

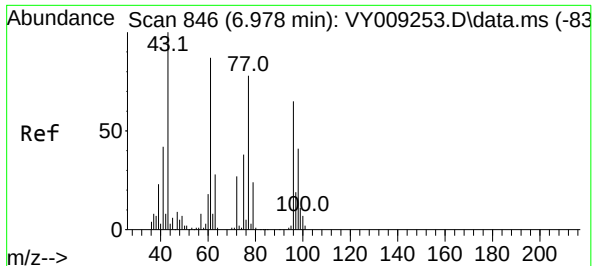


#24
 1,1-Dichloroethane
 Concen: 5.688 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY009268.D
 Acq: 22 Jun 2022 12:49



Tgt Ion: 63 Resp: 18304
 Ion Ratio Lower Upper
 63 100
 98 10.0 3.6 10.8
 100 4.1 2.0 5.8





#25

2-Butanone

Concen: 30.599 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY009268.D

Acq: 22 Jun 2022 12:49

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT2-2022 5.0PPB

Tgt Ion: 43 Resp: 2107

Ion Ratio Lower Upper

43 100

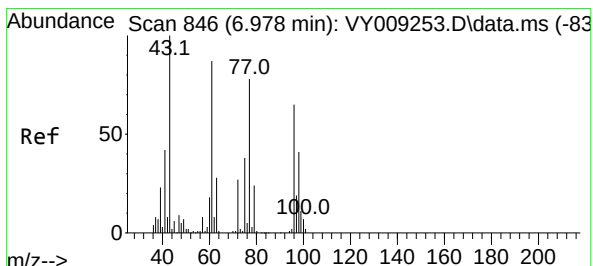
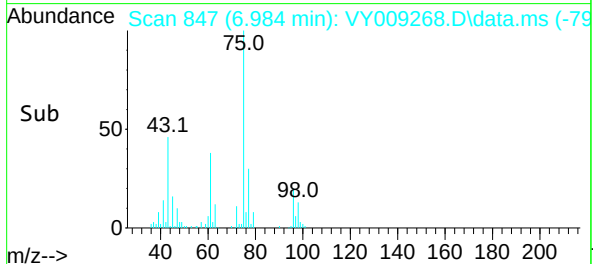
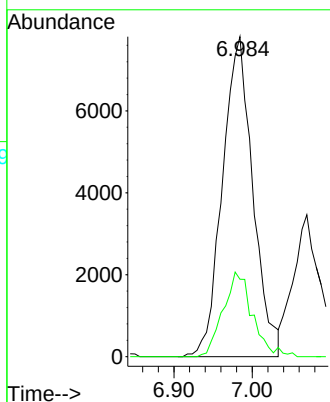
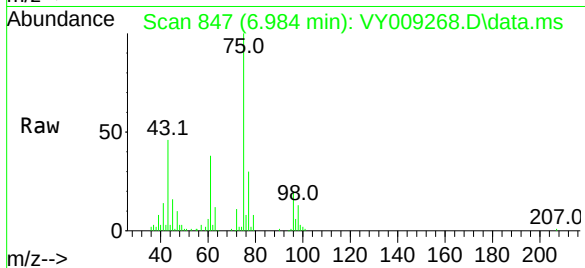
72 24.2 17.7 26.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/23/2022

Supervised By :Semsettin Yesilyurt 06/23/2022



#26

2,2-Dichloropropane

Concen: 5.985 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY009268.D

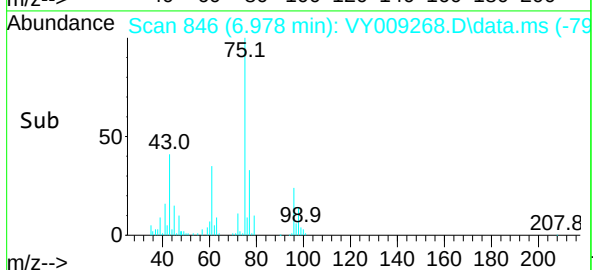
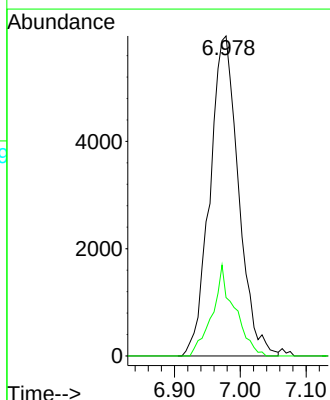
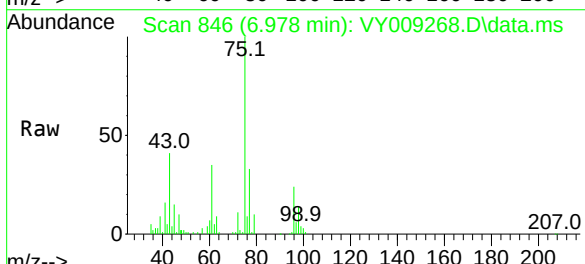
Acq: 22 Jun 2022 12:49

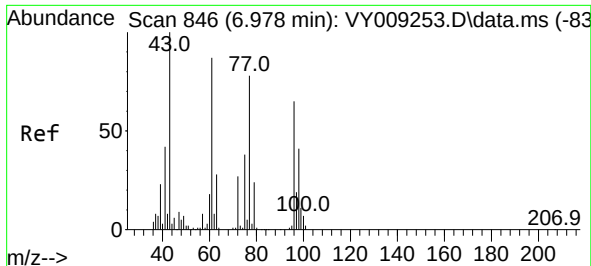
Tgt Ion: 77 Resp: 18106

Ion Ratio Lower Upper

77 100

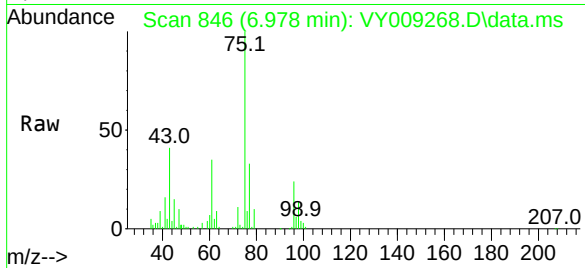
97 22.2 10.4 31.4





#27
 cis-1,2-Dichloroethene
 Concen: 5.567 ug/l
 RT: 6.978 min Scan# 846
 Delta R.T. 0.000 min
 Lab File: VY009268.D
 Acq: 22 Jun 2022 12:49

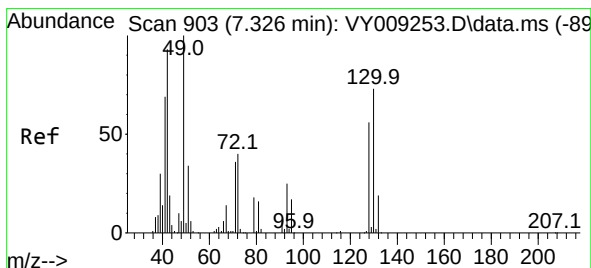
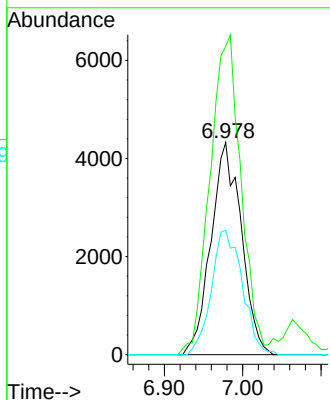
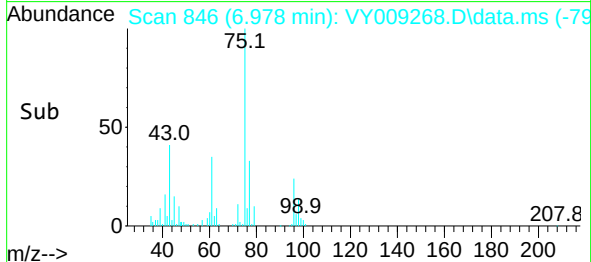
Instrument : MSVOA_Y
 ClientSampleId :
 LOQ-SOIL-02-QT2-2022 5.0PPB



Tgt Ion: 96 Resp: 11644
 Ion Ratio Lower Upper
 96 100
 61 154.5 0.0 319.8
 98 59.7 0.0 127.0

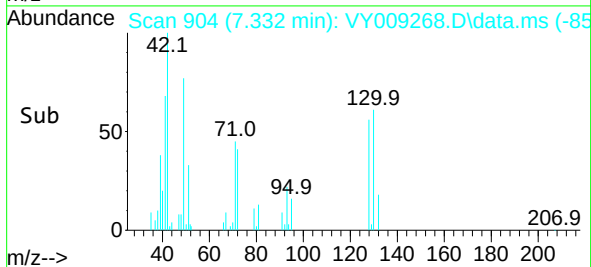
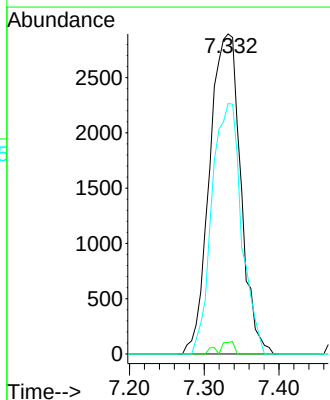
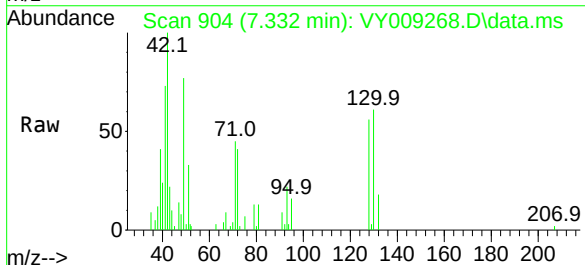
Manual Integrations
 APPROVED

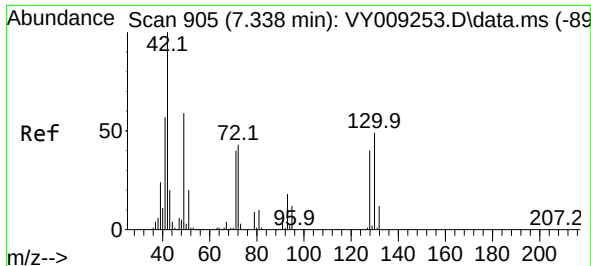
Reviewed By :Mahesh Dadoda 06/23/2022
 Supervised By :Semsettin Yesilyurt 06/23/2022



#28
 Bromochloromethane
 Concen: 6.019 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. 0.006 min
 Lab File: VY009268.D
 Acq: 22 Jun 2022 12:49

Tgt Ion: 49 Resp: 8357
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 2.2
 130 74.4 55.4 83.0





#29

Tetrahydrofuran

Concen: 29.297 ug/l

RT: 7.344 min Scan# 905

Delta R.T. 0.006 min

Lab File: VY009268.D

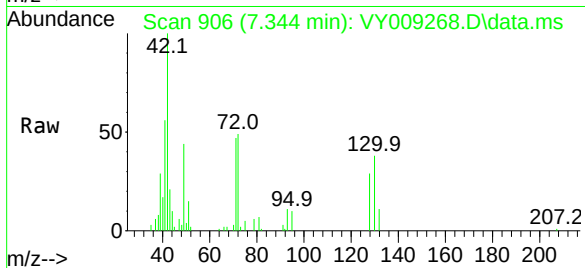
Acq: 22 Jun 2022 12:49

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT2-2022 5.0PPB

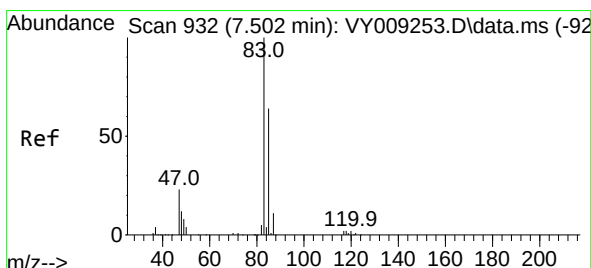
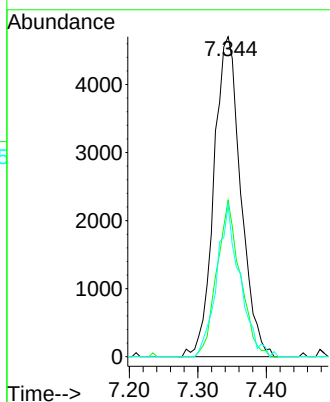


Tgt Ion:	42	Resp:	1277
Ion Ratio	100	Lower	Upper
42	100		
72	42.4	30.3	45.5
71	41.3	29.0	43.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#30

Chloroform

Concen: 5.604 ug/l

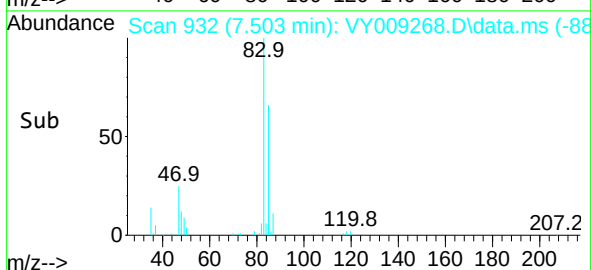
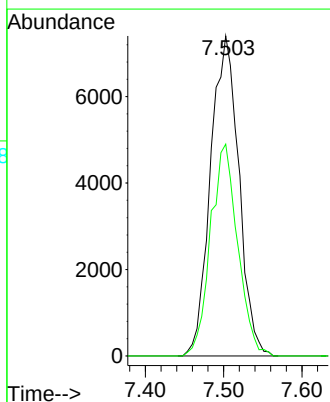
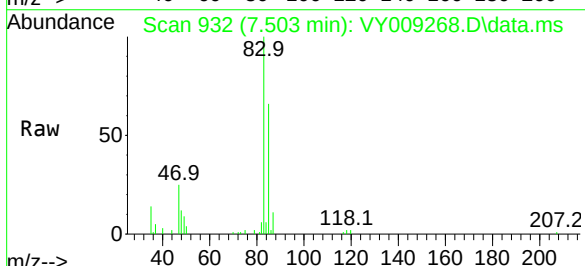
RT: 7.503 min Scan# 932

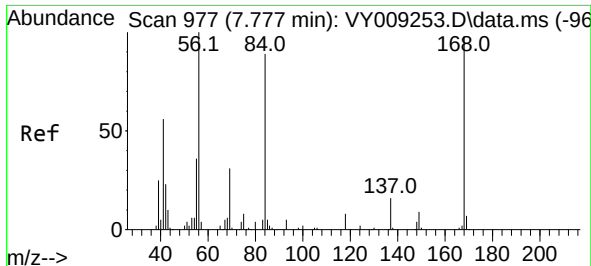
Delta R.T. 0.001 min

Lab File: VY009268.D

Acq: 22 Jun 2022 12:49

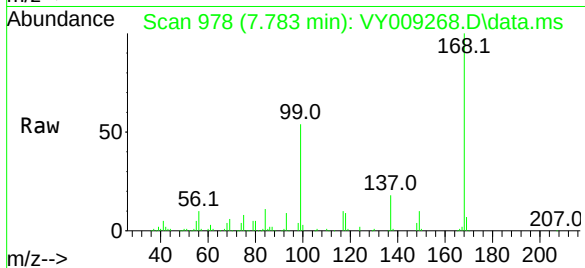
Tgt Ion:	83	Resp:	18564
Ion Ratio	100	Lower	Upper
83	100		
85	66.2	51.8	77.6





#31
Cyclohexane
Concen: 5.862 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

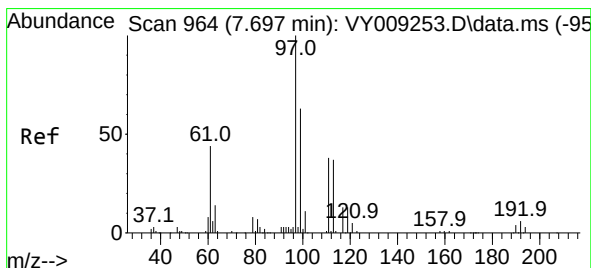
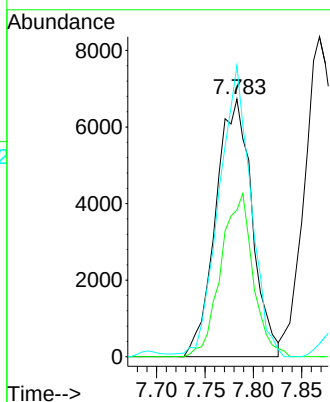
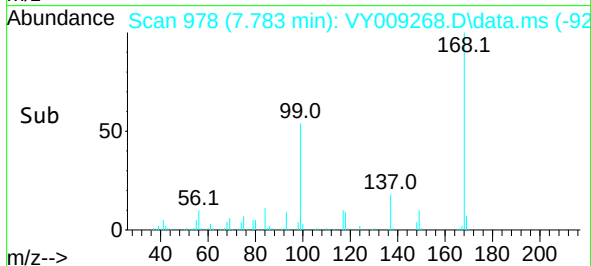
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2022 5.0PPB



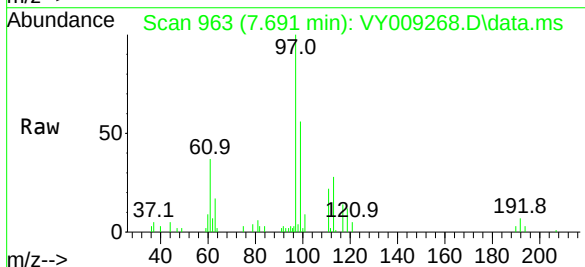
Tgt Ion: 56 Resp: 17564
Ion Ratio Lower Upper
56 100
69 57.0 26.7 40.1
84 111.8 67.2 100.8

Manual Integrations
APPROVED

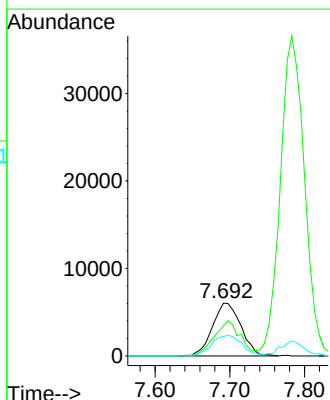
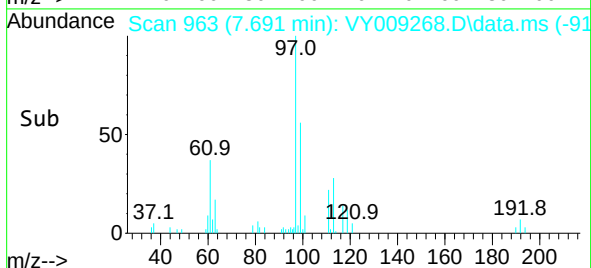
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022

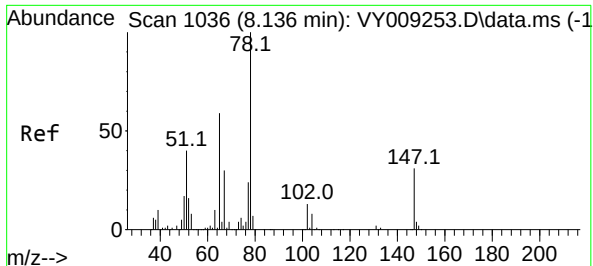


#32
1,1,1-Trichloroethane
Concen: 5.521 ug/l
RT: 7.691 min Scan# 963
Delta R.T. -0.006 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49



Tgt Ion: 97 Resp: 15965
Ion Ratio Lower Upper
97 100
99 61.3 50.7 76.1
61 41.6 37.6 56.4





#33

1,2-Dichloroethane-d4

Concen: 6.165 ug/l

RT: 8.143 min Scan# 1036

Delta R.T. 0.007 min

Lab File: VY009268.D

Acq: 22 Jun 2022 12:49

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT2-2022 5.0PPB

Tgt Ion: 65 Resp: 10640

Ion Ratio Lower Upper

65 100

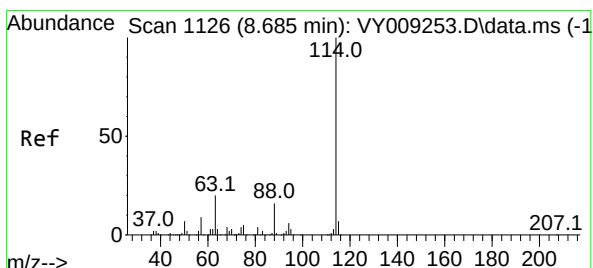
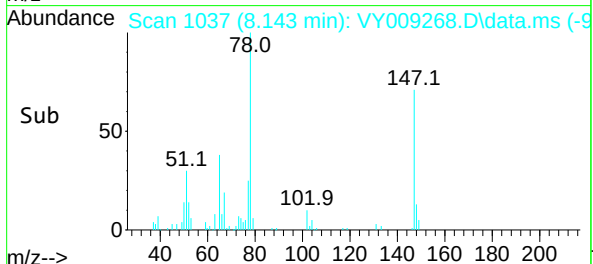
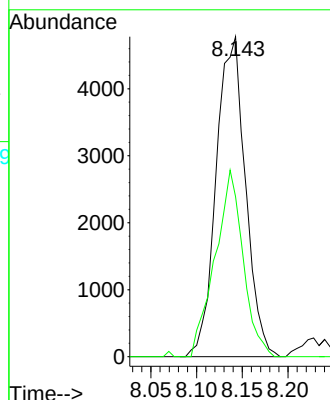
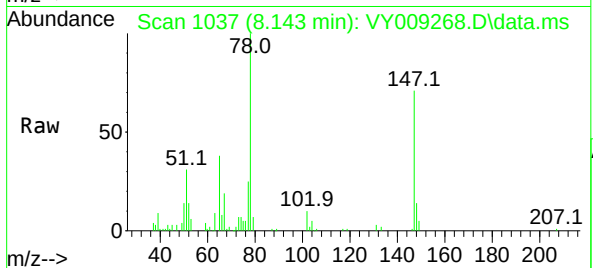
67 56.0 0.0 99.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/23/2022

Supervised By :Semsettin Yesilyurt 06/23/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009268.D

Acq: 22 Jun 2022 12:49

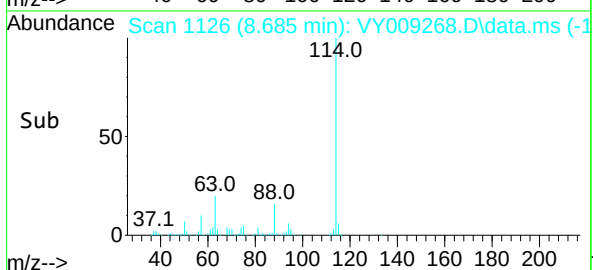
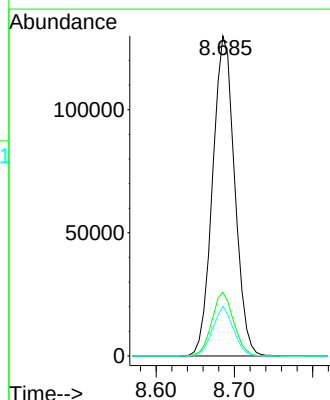
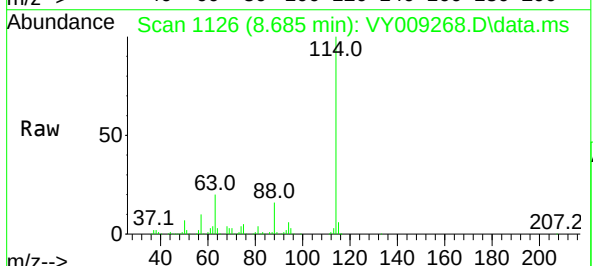
Tgt Ion:114 Resp: 254087

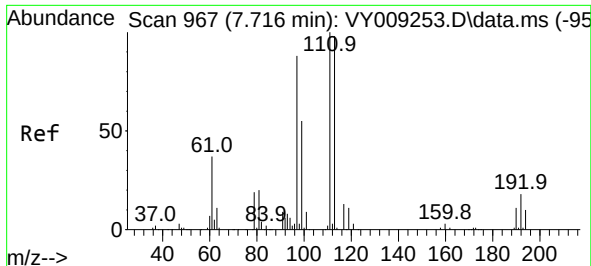
Ion Ratio Lower Upper

114 100

63 19.9 0.0 43.2

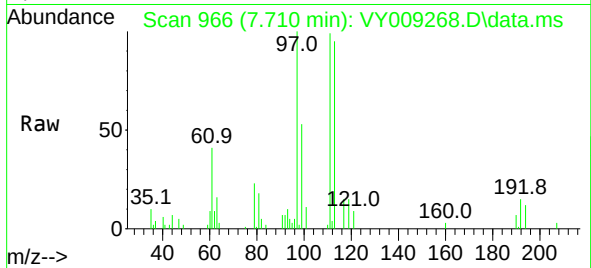
88 15.5 0.0 31.8





#35
Dibromofluoromethane
Concen: 5.696 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

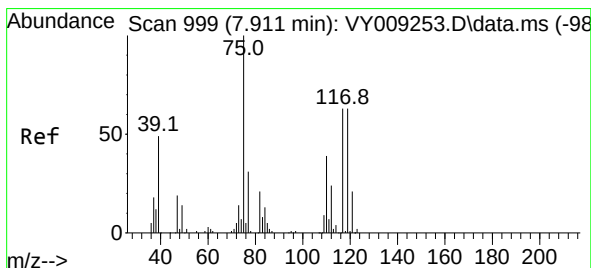
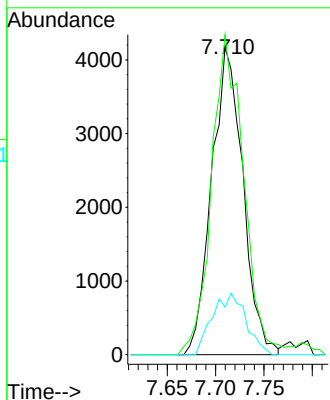
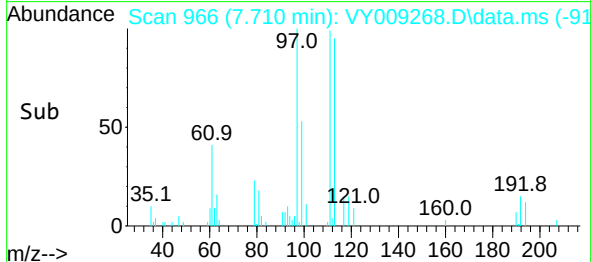
Instrument : MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2022 5.0PPB



Tgt Ion: 113 Resp: 937
Ion Ratio Lower Upper
113 100
111 106.1 82.6 124.0
192 21.5 17.6 26.4

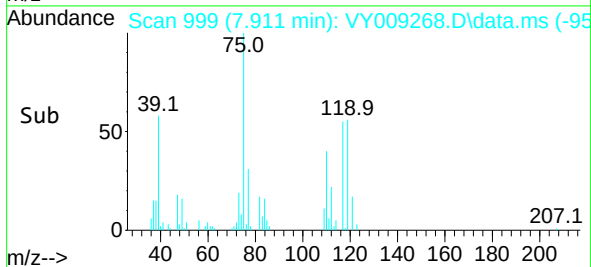
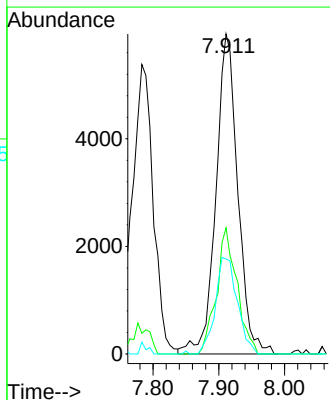
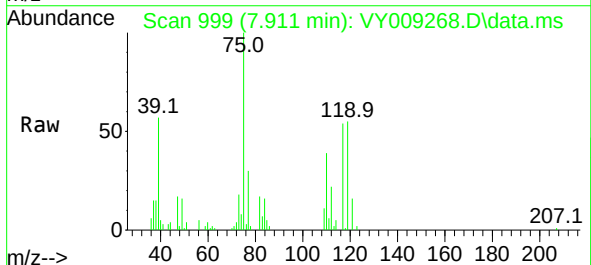
Manual Integrations
APPROVED

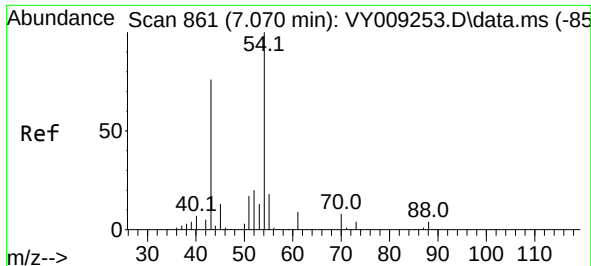
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#36
1,1-Dichloropropene
Concen: 5.504 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

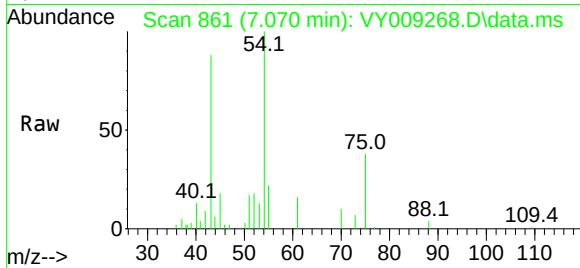
Tgt Ion: 75 Resp: 13783
Ion Ratio Lower Upper
75 100
110 36.8 17.1 51.2
77 30.3 24.4 36.6





#37
Ethyl Acetate
Concen: 5.717 ug/l
RT: 7.070 min Scan# 861
Delta R.T. -0.000 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

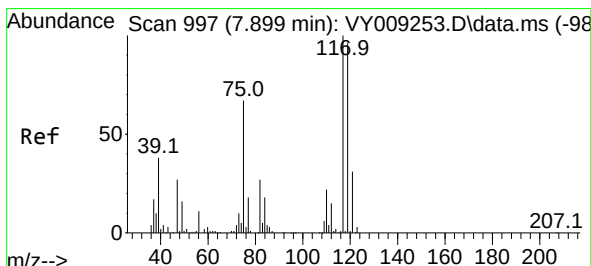
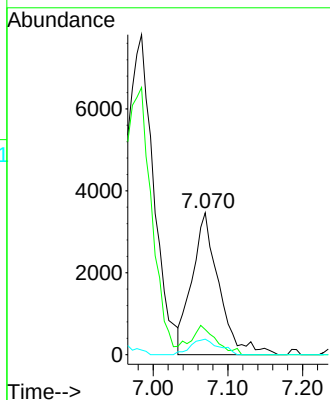
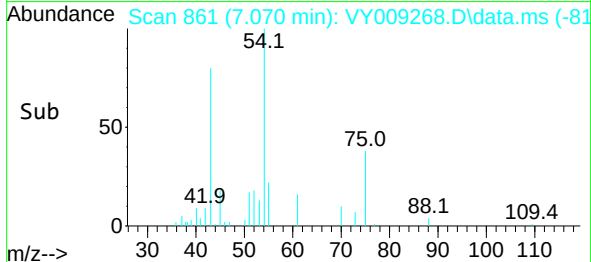
Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT2-2022 5.0PPB



Tgt Ion: 43 Resp: 865
Ion Ratio Lower Upper
43 100
61 19.3 9.7 14.5
70 11.4 7.1 10.7

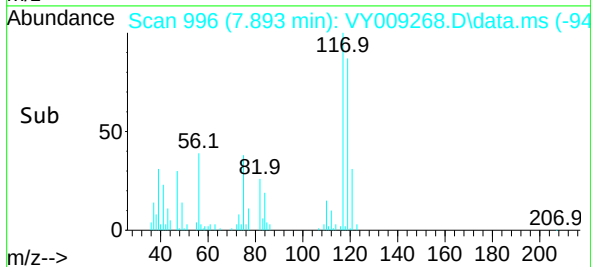
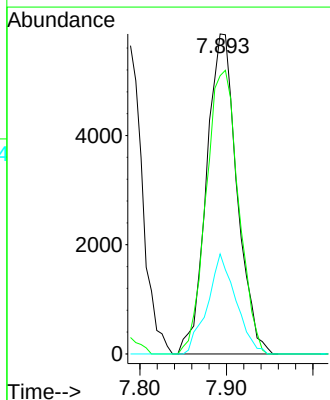
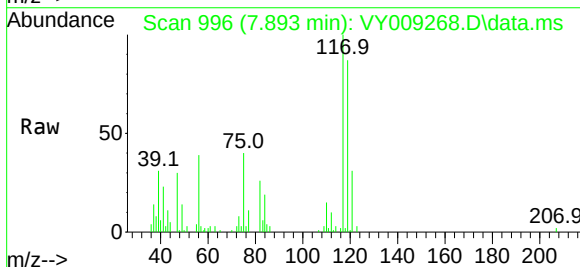
Manual Integrations
APPROVED

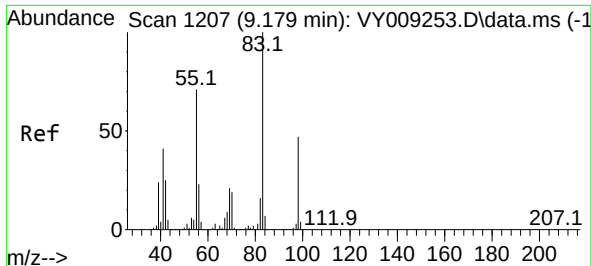
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#38
Carbon Tetrachloride
Concen: 5.504 ug/l
RT: 7.893 min Scan# 996
Delta R.T. -0.006 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

Tgt Ion:117 Resp: 14331
Ion Ratio Lower Upper
117 100
119 86.9 77.9 116.9
121 31.2 24.8 37.2





#39

Methylcyclohexane

Concen: 4.951 ug/l

RT: 9.179 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009268.D

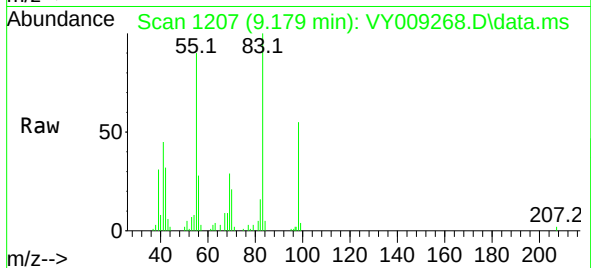
Acq: 22 Jun 2022 12:49

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT2-2022 5.0PPB

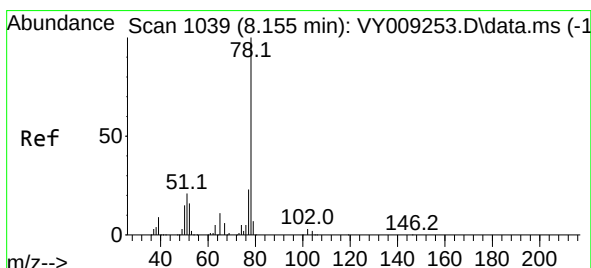
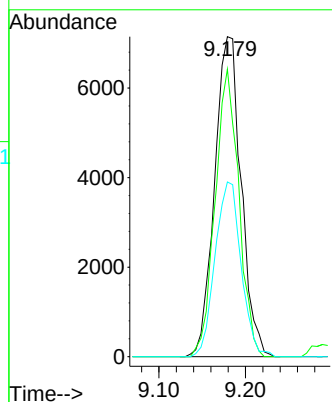


Tgt Ion: 83	Resp: 1521
Ion Ratio	Lower Upper
83	100
55	89.9 66.5 99.7
98	54.6 37.9 56.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#40

Benzene

Concen: 5.586 ug/l

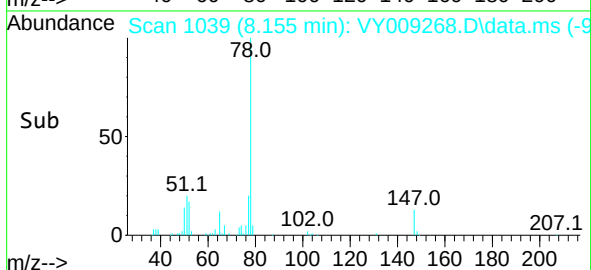
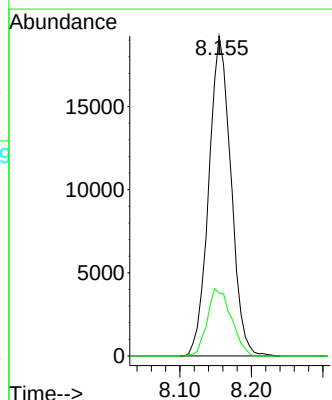
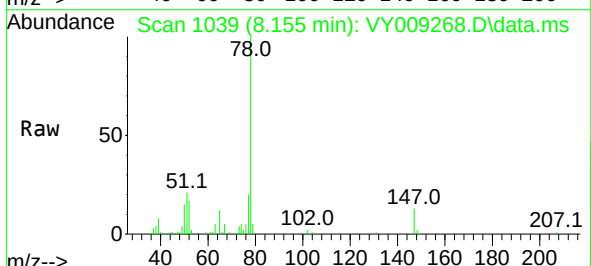
RT: 8.155 min Scan# 1039

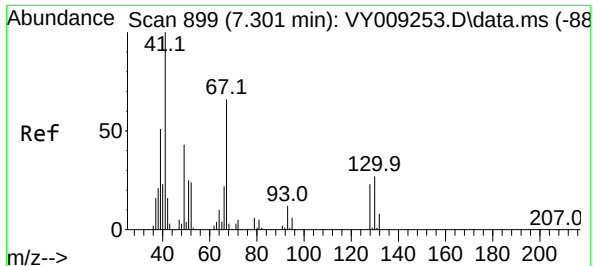
Delta R.T. -0.000 min

Lab File: VY009268.D

Acq: 22 Jun 2022 12:49

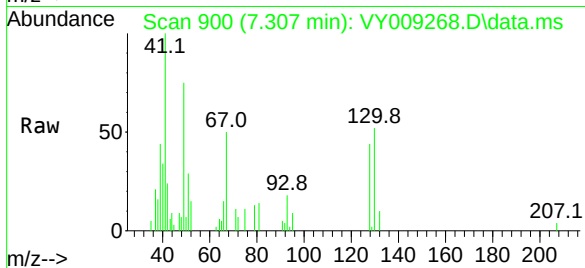
Tgt Ion: 78	Resp: 41388
Ion Ratio	Lower Upper
78	100
77	19.6 20.4 30.6#





#41
Methacrylonitrile
Concen: 6.164 ug/l
RT: 7.307 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

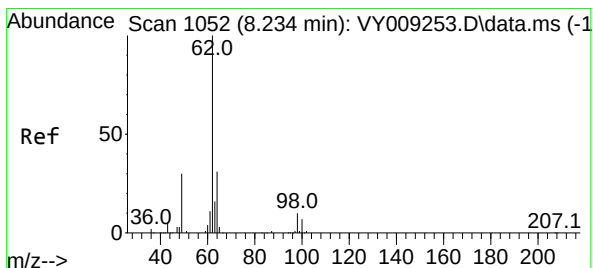
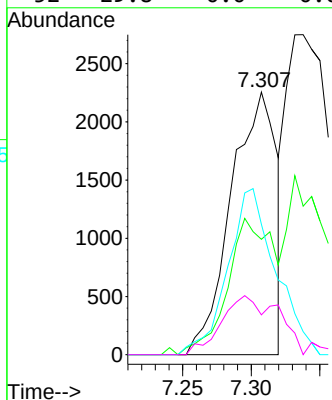
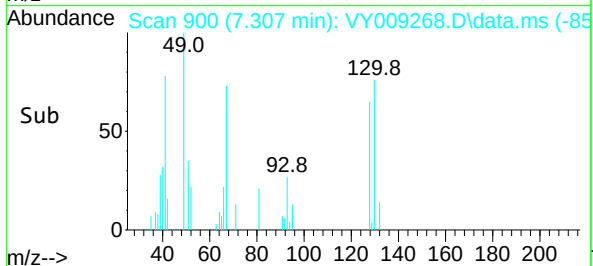
Instrument :
MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2022 5.0PPB



Tgt Ion: 41 Resp: 517
Ion Ratio Lower Upper
41 100
39 52.7 92.9 139.3
67 66.9 0.0 0.0
52 29.8 0.0 0.0

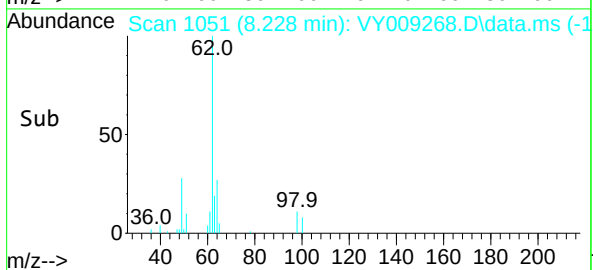
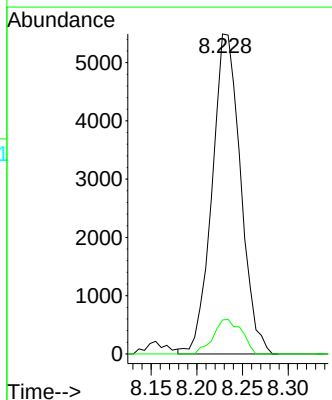
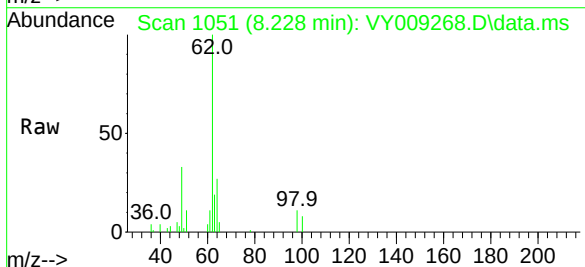
Manual Integrations
APPROVED

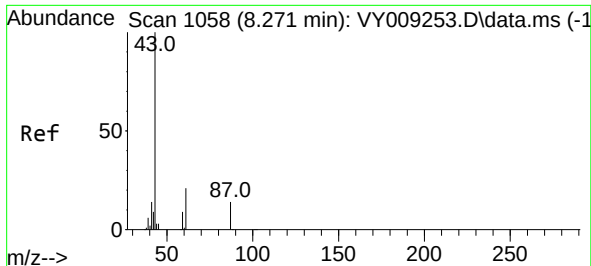
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#42
1,2-Dichloroethane
Concen: 5.602 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.006 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

Tgt Ion: 62 Resp: 11909
Ion Ratio Lower Upper
62 100
98 10.7 0.0 14.8





#43

Isopropyl Acetate

Concen: 5.689 ug/l

RT: 8.271 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VY009268.D

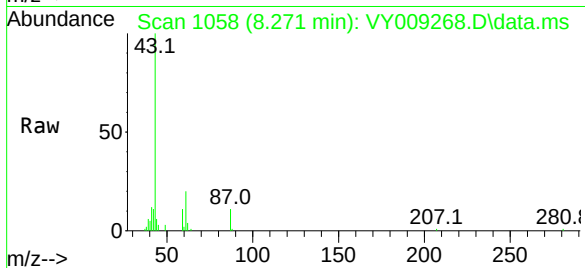
Acq: 22 Jun 2022 12:49

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT2-2022 5.0PPB

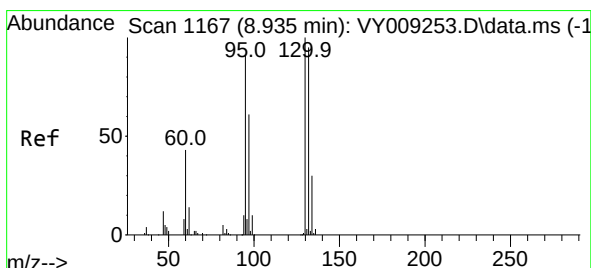
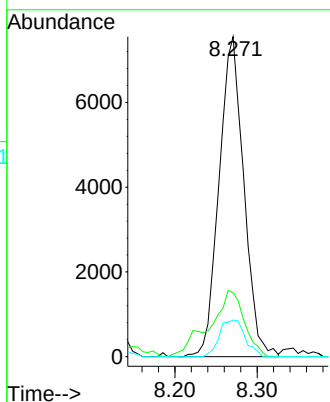
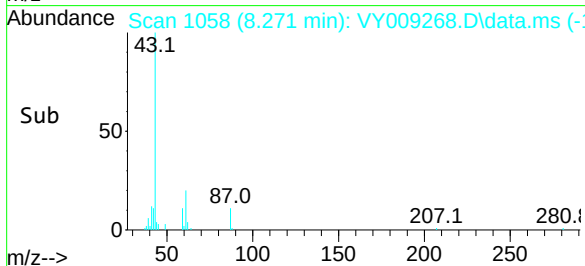


Tgt Ion: 43	Resp: 1578
Ion Ratio	Lower Upper
43 100	
61 29.0	20.2 30.2
87 11.9	8.9 13.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#44

Trichloroethene

Concen: 5.616 ug/l

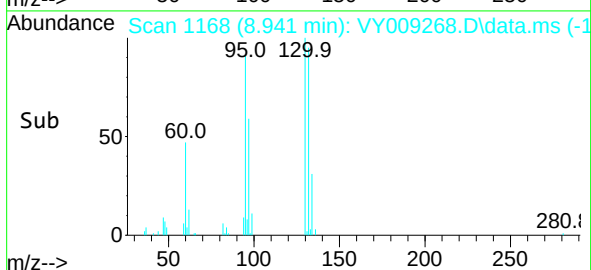
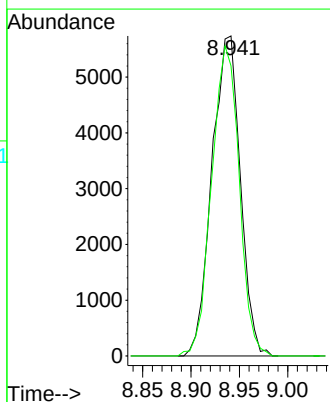
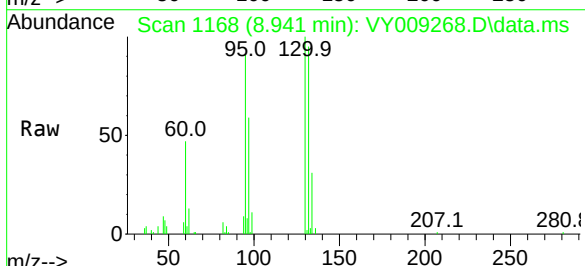
RT: 8.941 min Scan# 1168

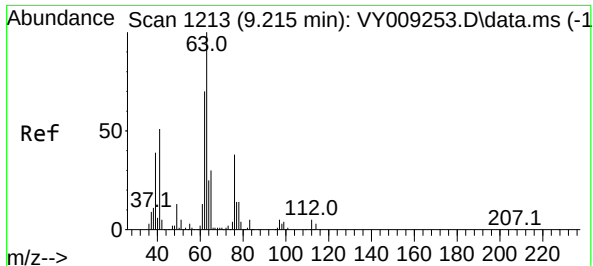
Delta R.T. 0.006 min

Lab File: VY009268.D

Acq: 22 Jun 2022 12:49

Tgt Ion:130	Resp: 11717
Ion Ratio	Lower Upper
130 100	
95 90.7	0.0 188.2





#45

1,2-Dichloropropane

Concen: 5.642 ug/l

RT: 9.210 min Scan# 1212

Delta R.T. -0.005 min

Lab File: VY009268.D

Acq: 22 Jun 2022 12:49

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT2-2022 5.0PPB

Tgt Ion: 63 Resp: 1076

Ion Ratio Lower Upper

63 100

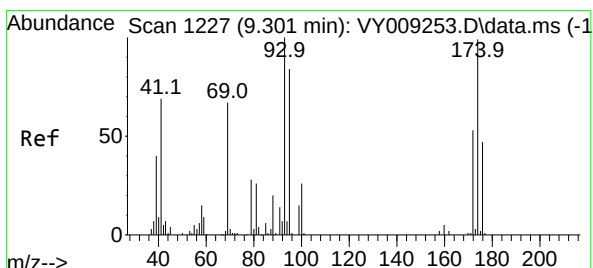
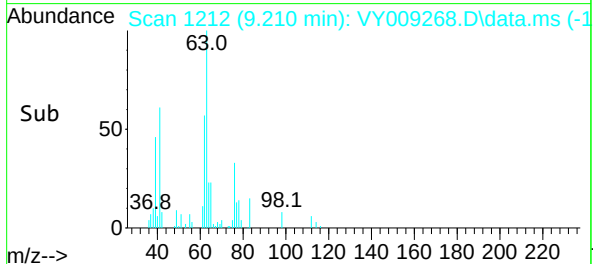
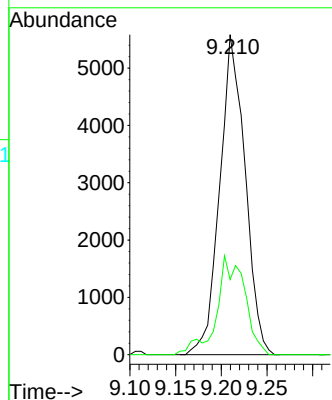
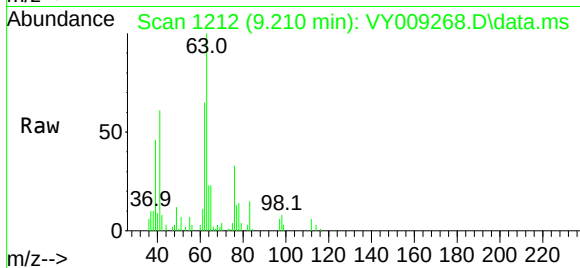
65 23.5 23.0 34.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/23/2022

Supervised By :Semsettin Yesilyurt 06/23/2022



#46

Dibromomethane

Concen: 5.657 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY009268.D

Acq: 22 Jun 2022 12:49

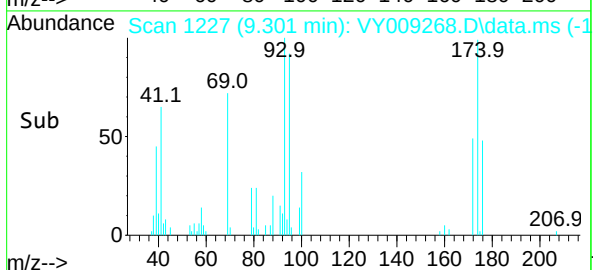
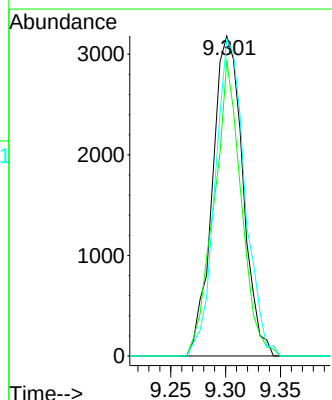
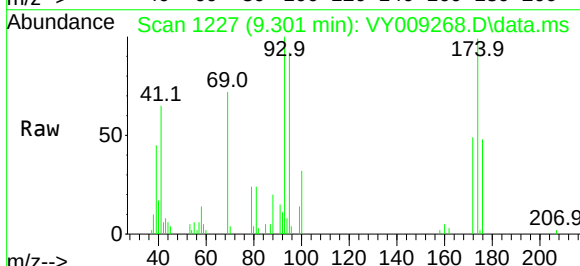
Tgt Ion: 93 Resp: 6140

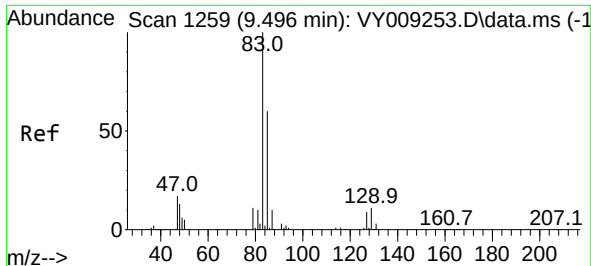
Ion Ratio Lower Upper

93 100

95 82.8 64.3 96.5

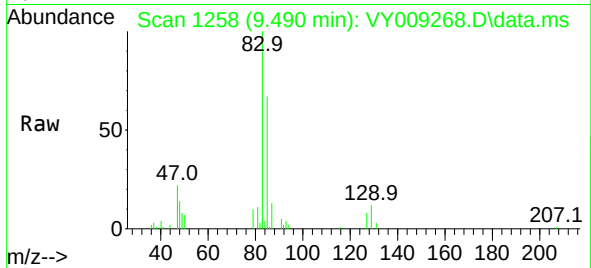
174 97.0 83.4 125.0





#47
Bromodichloromethane
Concen: 5.435 ug/l
RT: 9.490 min Scan# 1259
Delta R.T. -0.006 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

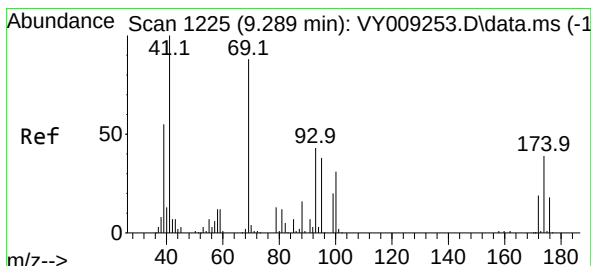
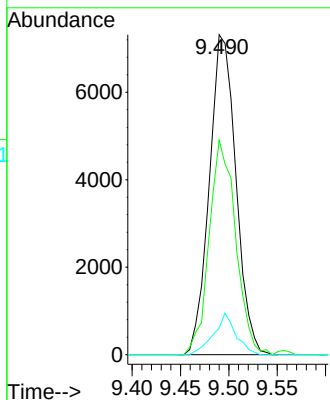
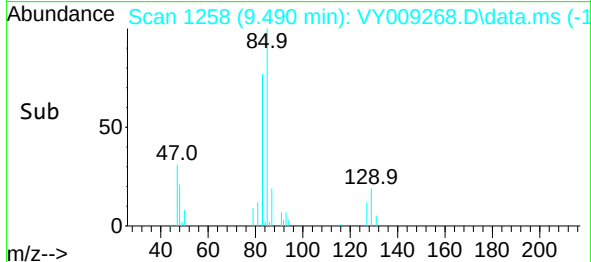
Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT2-2022 5.0PPB



Tgt Ion: 83 Resp: 1400
Ion Ratio Lower Upper
83 100
85 67.0 51.9 77.9
127 8.3 6.6 10.0

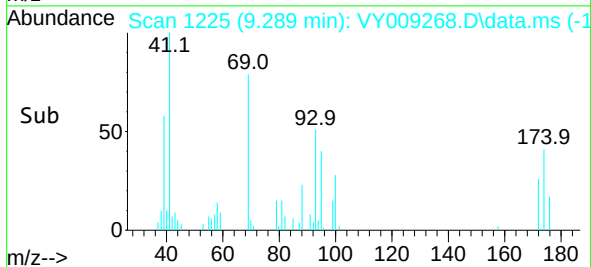
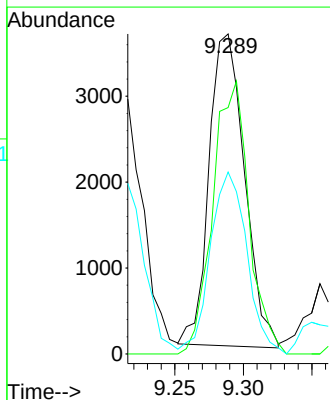
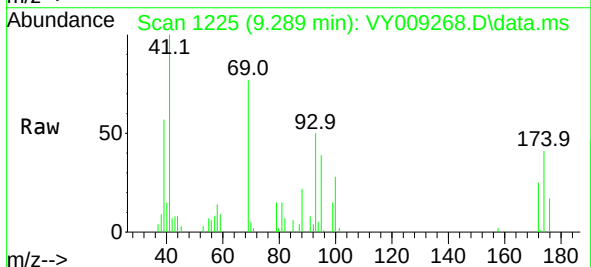
Manual Integrations
APPROVED

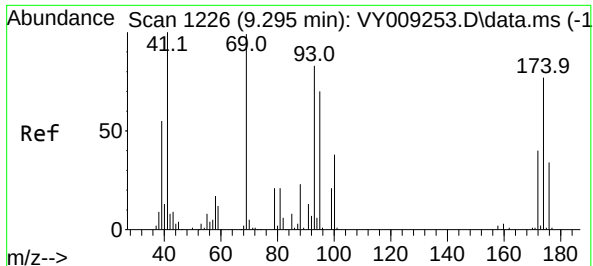
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#48
Methyl methacrylate
Concen: 5.376 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

Tgt Ion: 41 Resp: 6539
Ion Ratio Lower Upper
41 100
69 88.7 58.2 87.2#
39 60.0 47.4 71.0





#49

1,4-Dioxane

Concen: 110.282 ug/l

RT: 9.289 min Scan# 1226

Delta R.T. -0.006 min

Lab File: VY009268.D

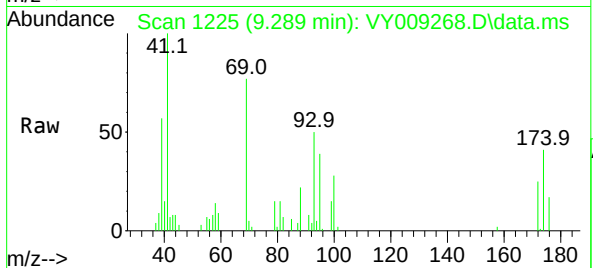
Acq: 22 Jun 2022 12:49

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT2-2022 5.0PPB

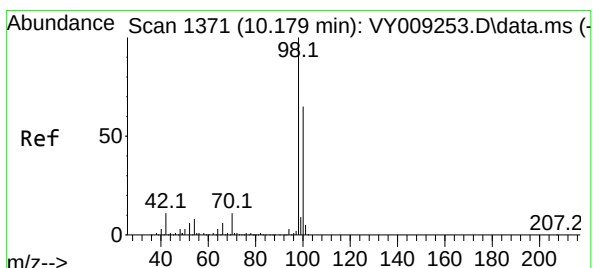
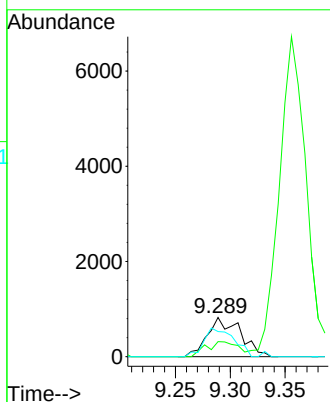
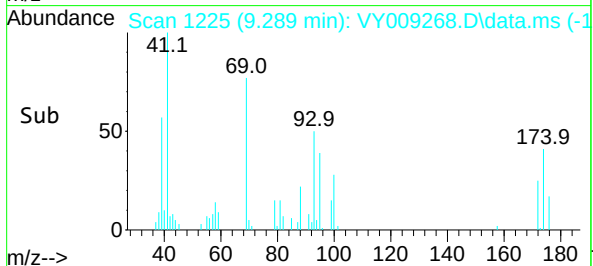


Tgt Ion: 88	Resp: 1720
Ion Ratio	Lower Upper
88 100	
43 36.7	32.8 49.2
58 66.2	59.8 89.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#50

Toluene-d8

Concen: 5.822 ug/l

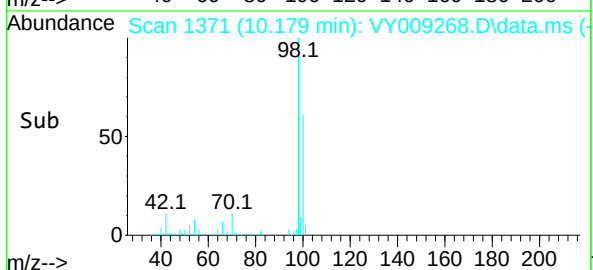
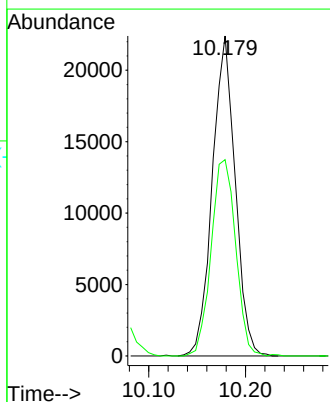
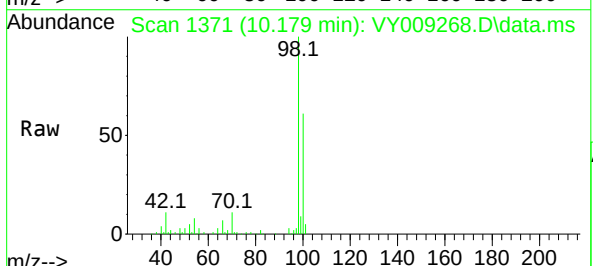
RT: 10.179 min Scan# 1371

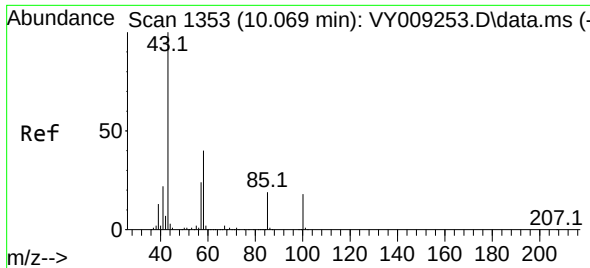
Delta R.T. -0.000 min

Lab File: VY009268.D

Acq: 22 Jun 2022 12:49

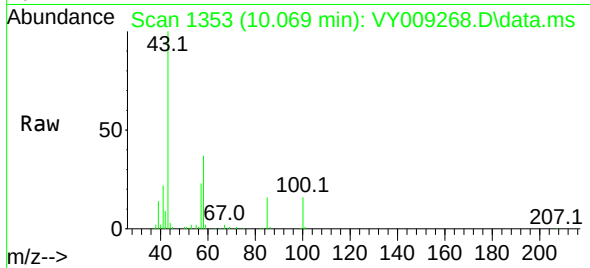
Tgt Ion: 98	Resp: 36804
Ion Ratio	Lower Upper
98 100	
100 65.8	50.2 75.2





#51
4-Methyl-2-Pentanone
Concen: 28.950 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

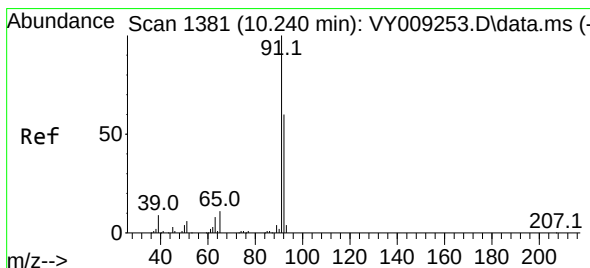
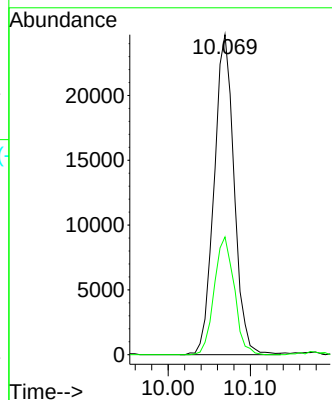
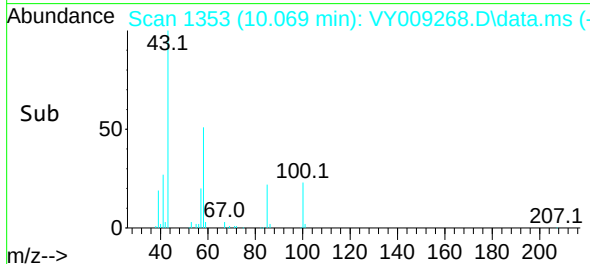
Instrument : MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2022 5.0PPB



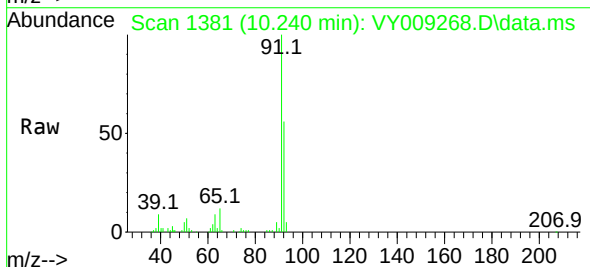
Tgt Ion: 43 Resp: 41780
Ion Ratio Lower Upper
43 100
58 36.7 28.1 42.1

Manual Integrations
APPROVED

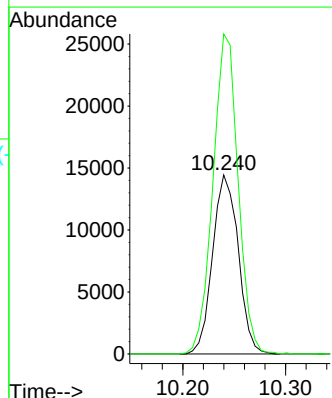
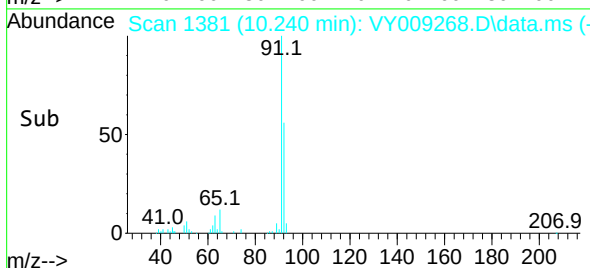
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022

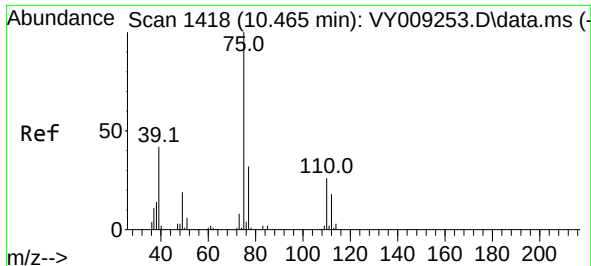


#52
Toluene
Concen: 5.334 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49



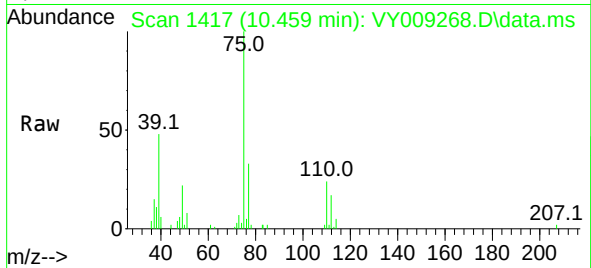
Tgt Ion: 92 Resp: 24980
Ion Ratio Lower Upper
92 100
91 175.6 142.6 213.8





#53
t-1,3-Dichloropropene
Concen: 5.145 ug/l
RT: 10.459 min Scan# 1418
Delta R.T. -0.006 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

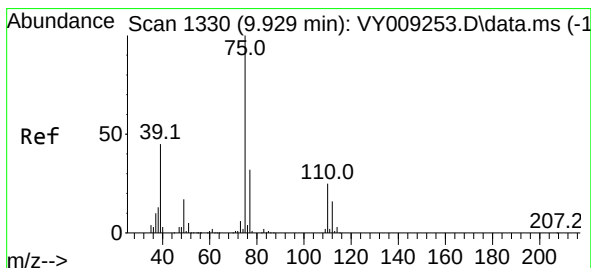
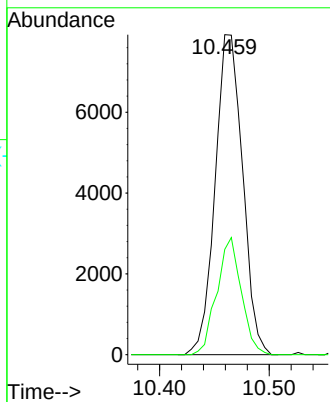
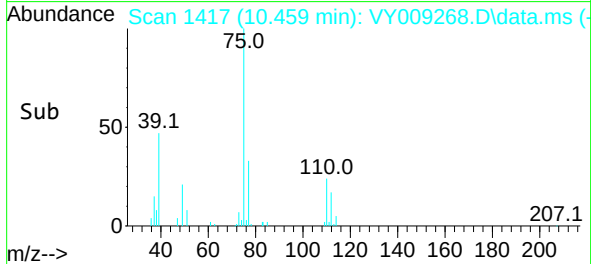
Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT2-2022 5.0PPB



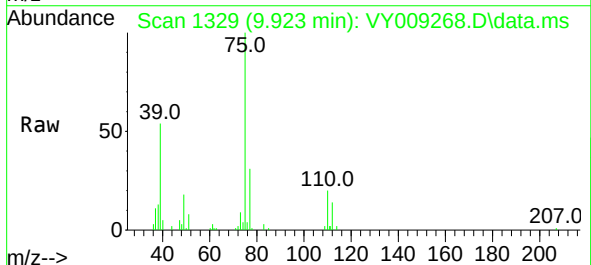
Tgt Ion: 75 Resp: 1378
Ion Ratio Lower Upper
75 100
77 32.9 25.4 38.2

Manual Integrations
APPROVED

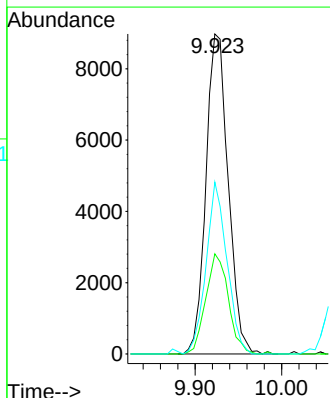
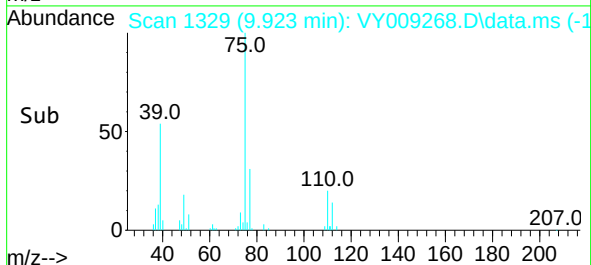
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022

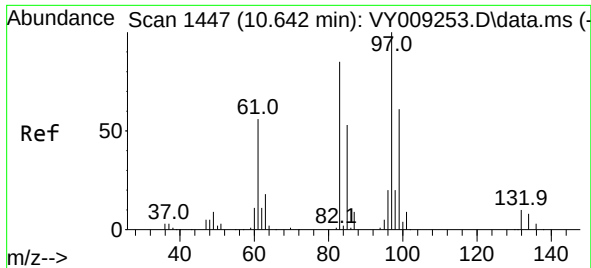


#54
cis-1,3-Dichloropropene
Concen: 5.257 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.006 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49



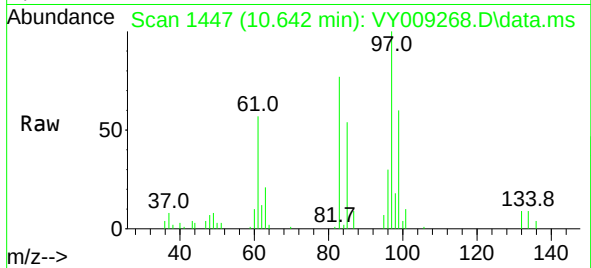
Tgt Ion: 75 Resp: 16034
Ion Ratio Lower Upper
75 100
77 31.3 25.6 38.4
39 53.7 47.6 71.4





#55
1,1,2-Trichloroethane
Concen: 5.855 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

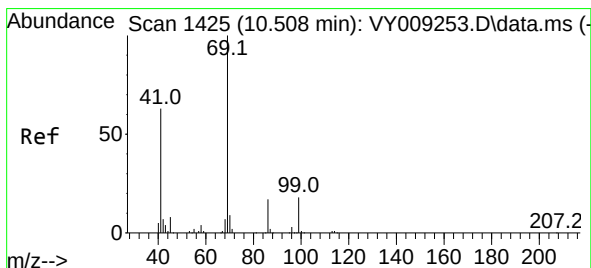
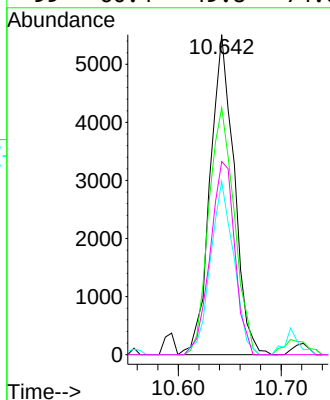
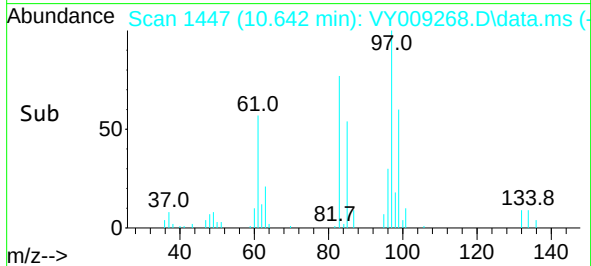
Instrument : MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2022 5.0PPB



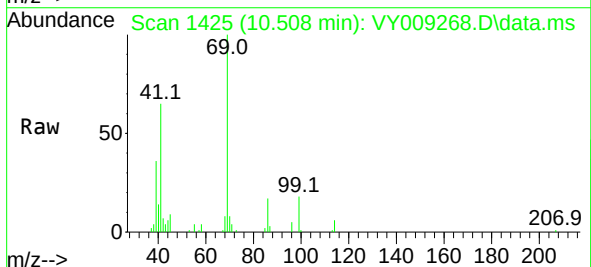
Tgt Ion	Ratio	Lower	Upper
97	100		
83	77.2	69.8	104.8
85	54.2	44.3	66.5
99	60.4	49.8	74.6

Manual Integrations
APPROVED

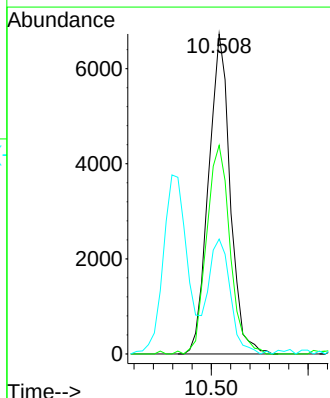
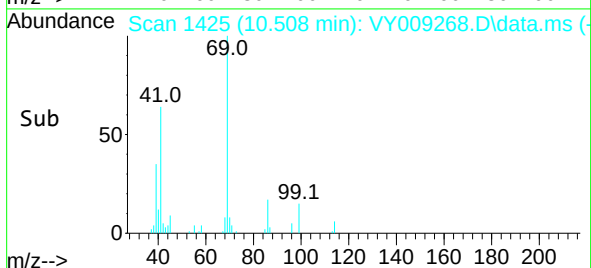
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022

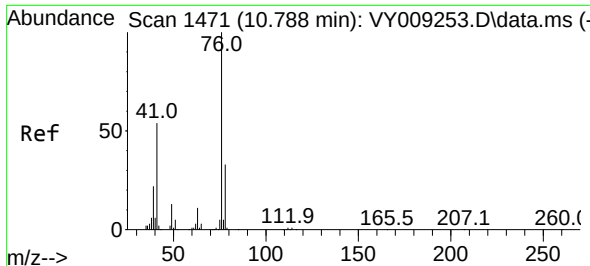


#56
Ethyl methacrylate
Concen: 5.185 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49



Tgt Ion	Ratio	Lower	Upper
69	100		
41	71.0	63.4	95.0
39	35.1	35.8	53.8





#57

1,3-Dichloropropane

Concen: 5.554 ug/l

RT: 10.789 min Scan# 1471

Delta R.T. 0.001 min

Lab File: VY009268.D

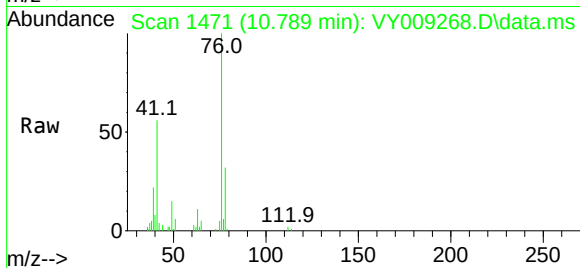
Acq: 22 Jun 2022 12:49

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT2-2022 5.0PPB



Tgt Ion: 76 Resp: 1447

Ion Ratio Lower Upper

76 100

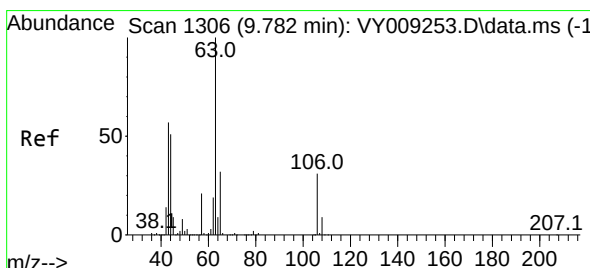
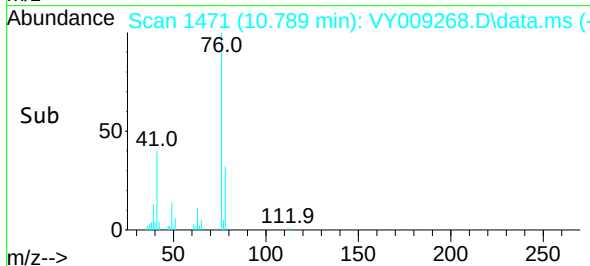
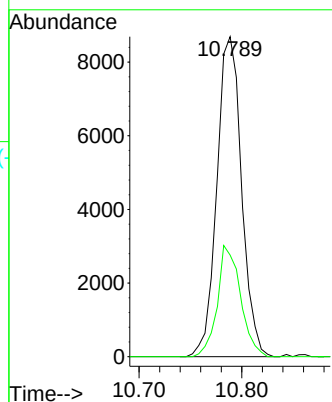
78 32.5 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/23/2022

Supervised By :Semsettin Yesilyurt 06/23/2022



#58

2-Chloroethyl Vinyl ether

Concen: 30.200 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.001 min

Lab File: VY009268.D

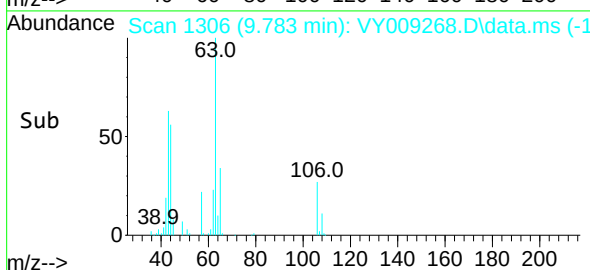
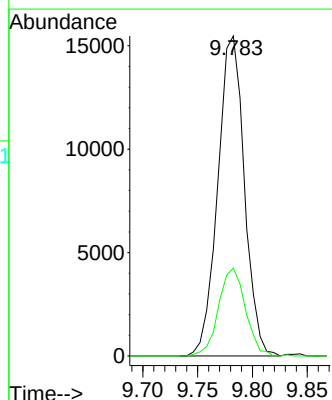
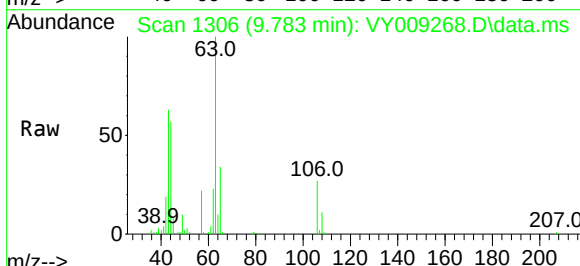
Acq: 22 Jun 2022 12:49

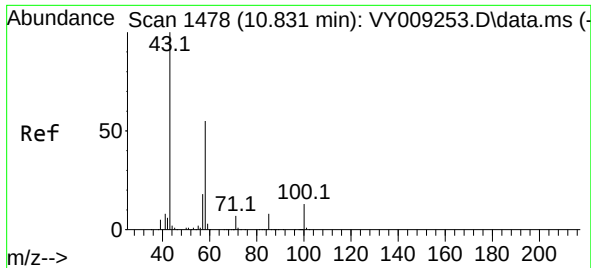
Tgt Ion: 63 Resp: 26109

Ion Ratio Lower Upper

63 100

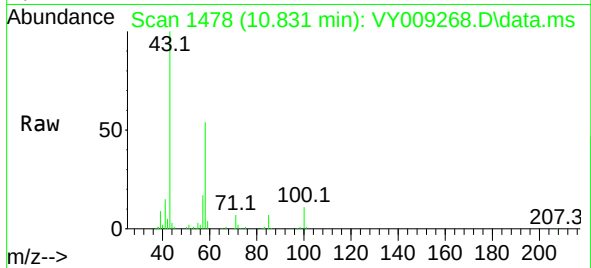
106 27.6 21.5 32.3





#59
2-Hexanone
Concen: 28.489 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

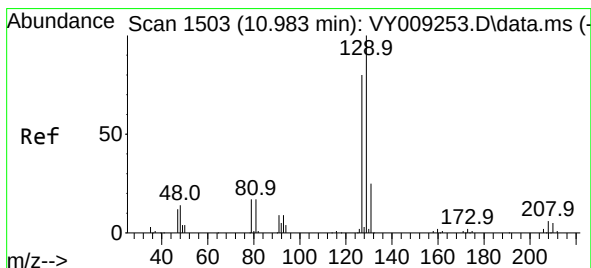
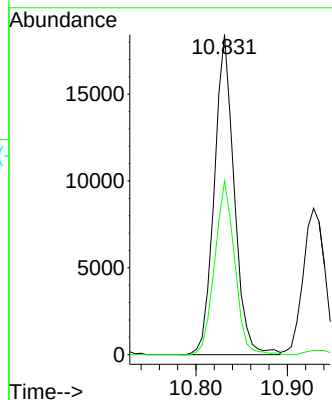
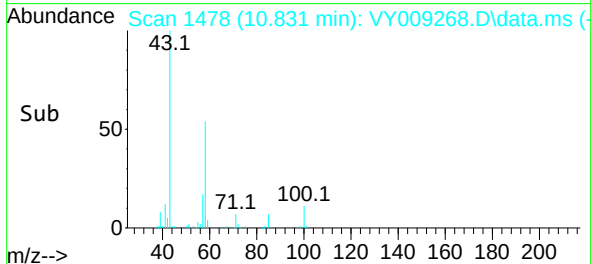
Instrument : MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2022 5.0PPB



Tgt Ion: 43 Resp: 27829
Ion Ratio Lower Upper
43 100
58 54.6 24.4 73.4

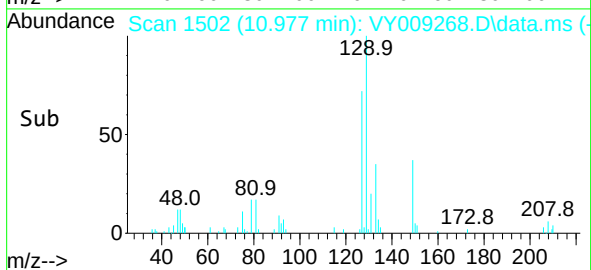
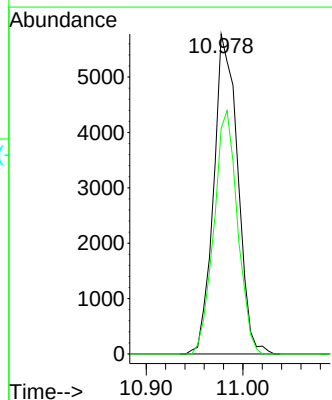
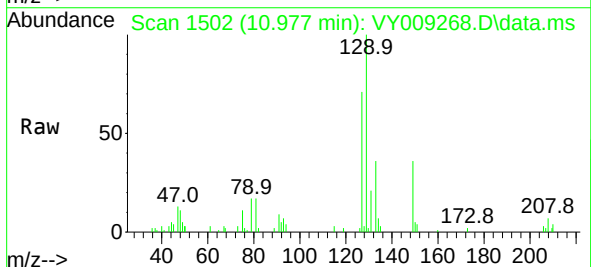
Manual Integrations
APPROVED

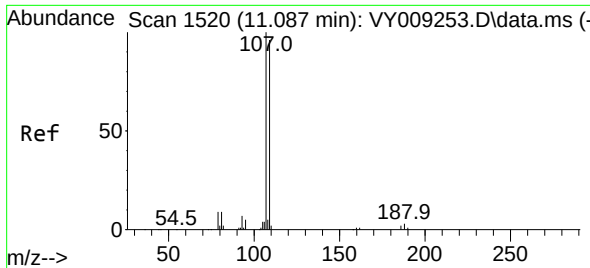
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#60
Dibromochloromethane
Concen: 5.356 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. -0.006 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

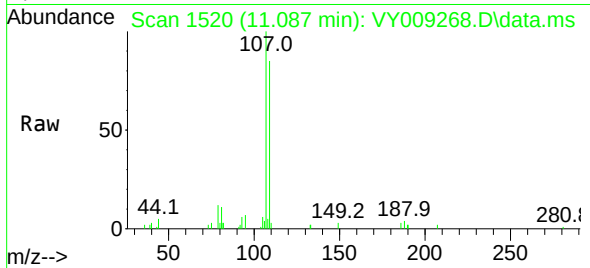
Tgt Ion:129 Resp: 9951
Ion Ratio Lower Upper
129 100
127 74.8 38.7 116.1





#61
1,2-Dibromoethane
Concen: 5.528 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

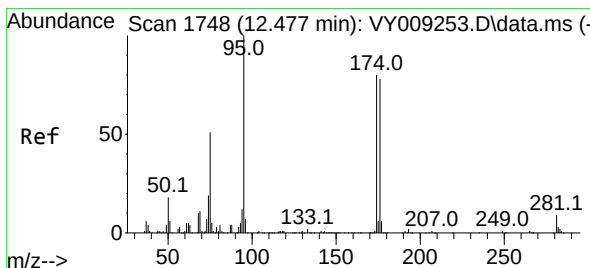
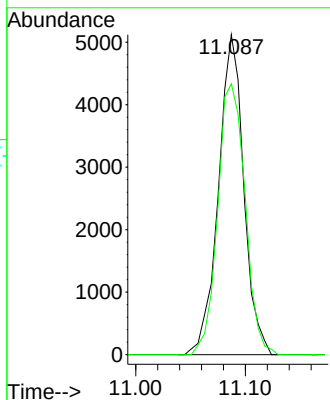
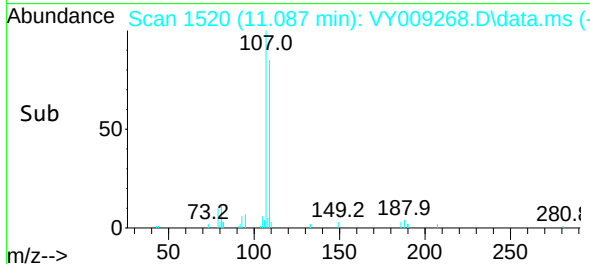
Instrument : MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2022 5.0PPB



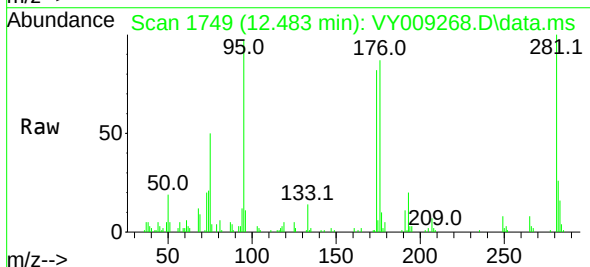
Tgt Ion:107 Resp: 821
Ion Ratio Lower Upper
107 100
109 91.6 75.4 113.2

Manual Integrations
APPROVED

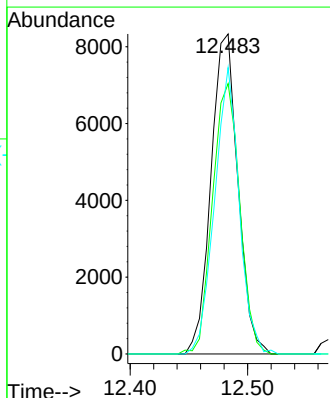
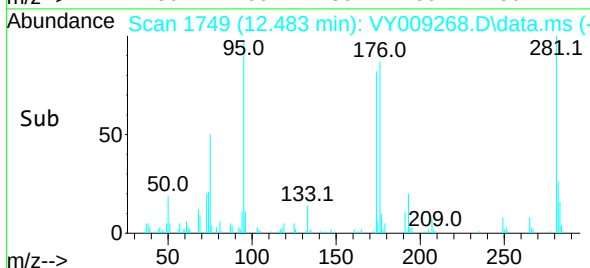
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022

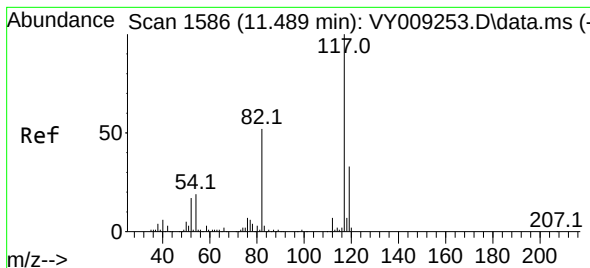


#62
4-Bromofluorobenzene
Concen: 5.978 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49



Tgt Ion: 95 Resp: 13278
Ion Ratio Lower Upper
95 100
174 85.3 0.0 177.0
176 81.6 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY009268.D

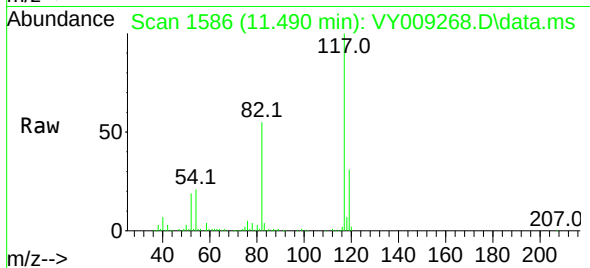
Acq: 22 Jun 2022 12:49

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT2-2022 5.0PPB

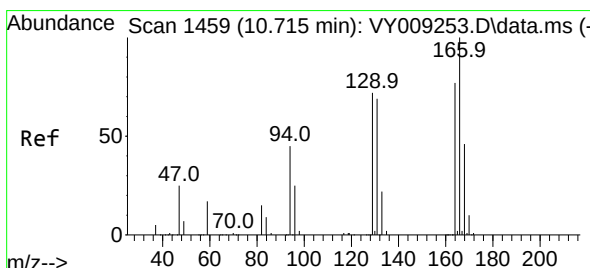
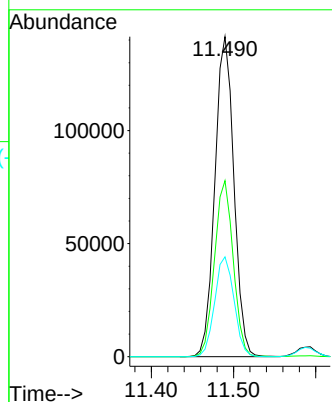
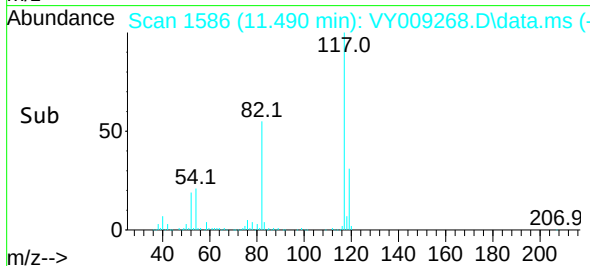


Tgt Ion:	117	Resp:	22736
Ion Ratio	Lower	Upper	
117	100		
82	55.0	43.0	64.4
119	31.2	25.4	38.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#64

Tetrachloroethene

Concen: 5.695 ug/l

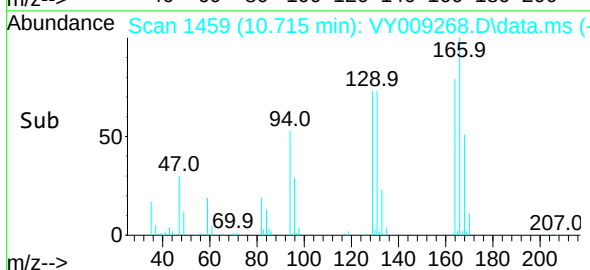
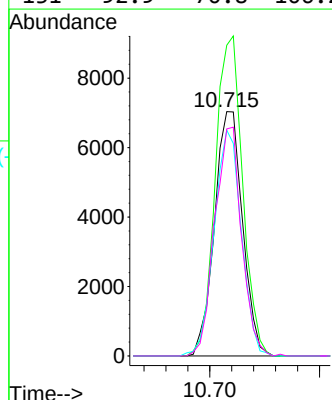
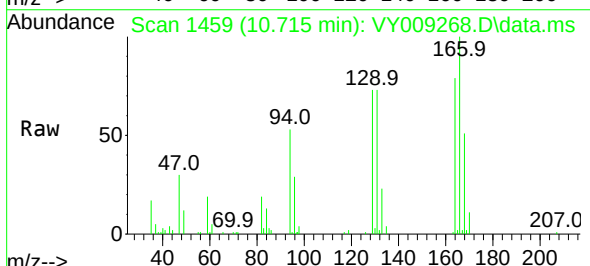
RT: 10.715 min Scan# 1459

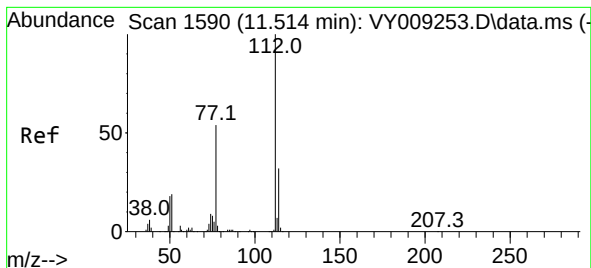
Delta R.T. 0.000 min

Lab File: VY009268.D

Acq: 22 Jun 2022 12:49

Tgt Ion:	164	Resp:	12493
Ion Ratio	Lower	Upper	
164	100		
166	127.1	100.4	150.6
129	92.4	71.4	107.0
131	92.9	70.8	106.2





#65

Chlorobenzene

Concen: 5.621 ug/l

RT: 11.514 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009268.D

Acq: 22 Jun 2022 12:49

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT2-2022 5.0PPB

Tgt Ion:112 Resp: 28789

Ion Ratio Lower Upper

112 100

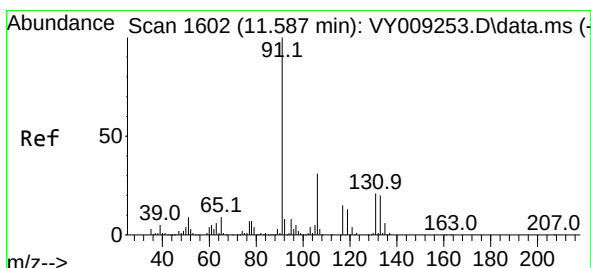
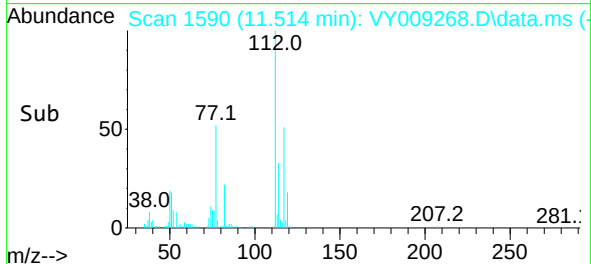
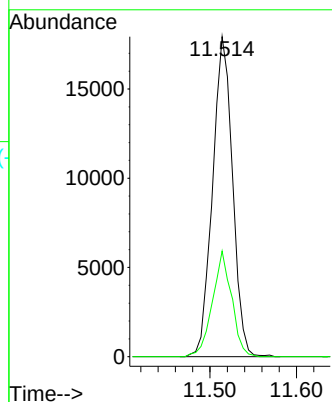
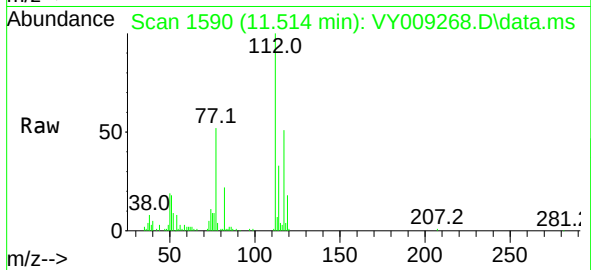
114 33.0 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/23/2022

Supervised By :Semsettin Yesilyurt 06/23/2022



#66

1,1,1,2-Tetrachloroethane

Concen: 5.427 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY009268.D

Acq: 22 Jun 2022 12:49

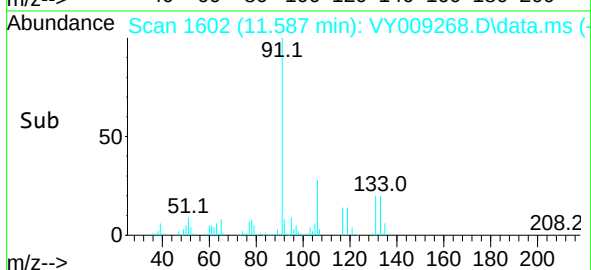
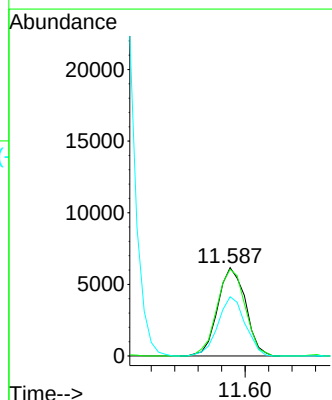
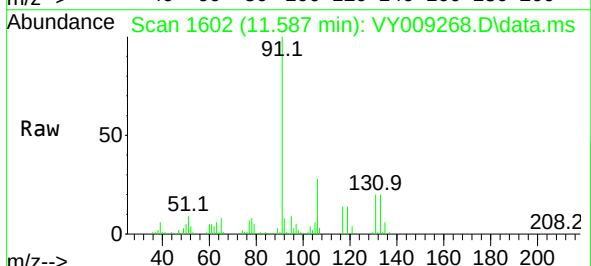
Tgt Ion:131 Resp: 10164

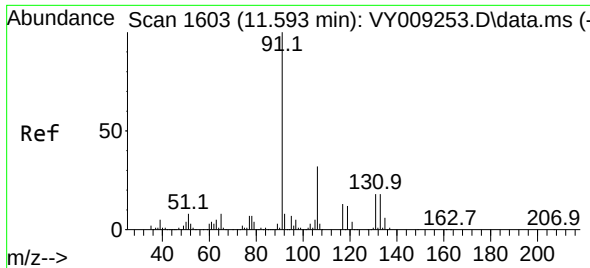
Ion Ratio Lower Upper

131 100

133 99.8 47.9 143.6

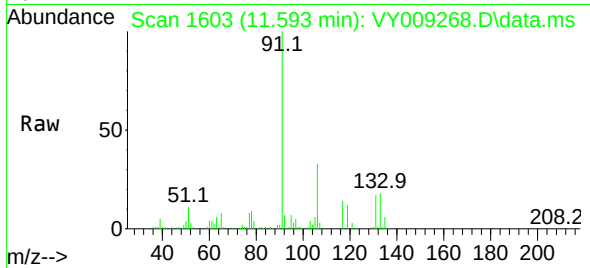
119 65.3 30.8 92.3





#67
Ethyl Benzene
Concen: 5.560 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

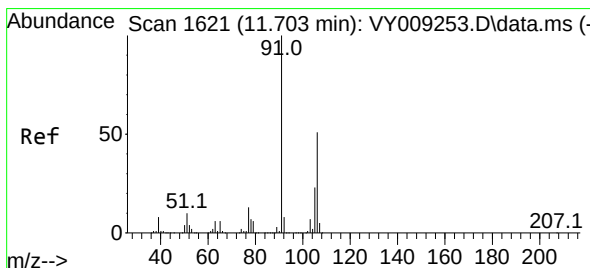
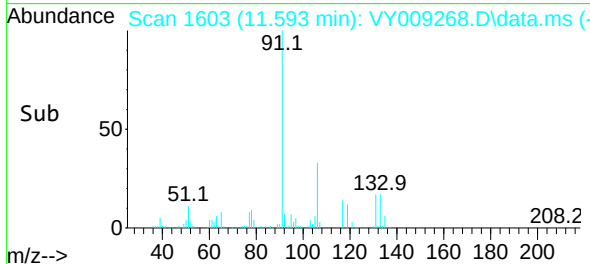
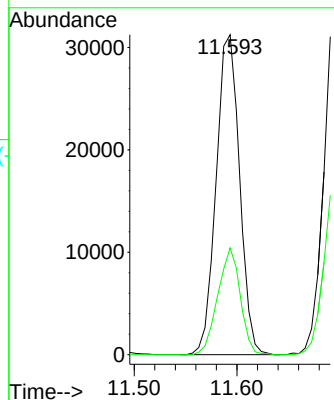
Instrument : MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2022 5.0PPB



Tgt Ion: 91 Resp: 4935
Ion Ratio Lower Upper
91 100
106 33.4 24.5 36.7

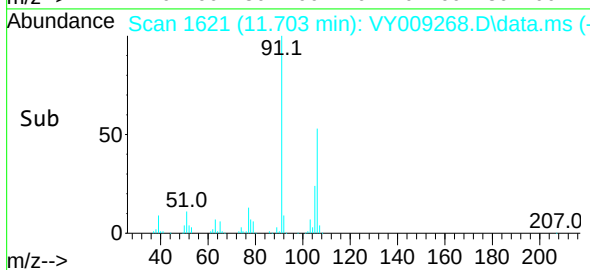
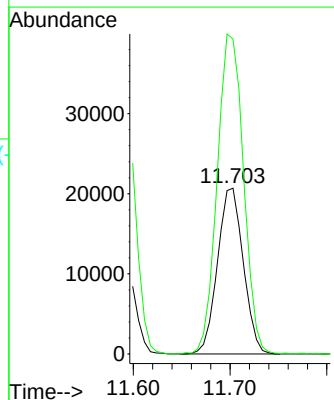
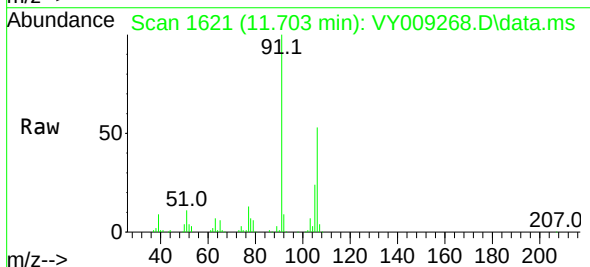
Manual Integrations
APPROVED

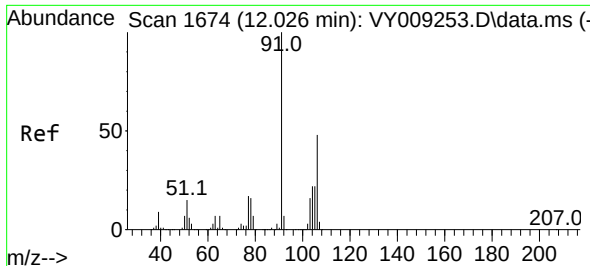
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#68
m/p-Xylenes
Concen: 10.988 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

Tgt Ion:106 Resp: 38274
Ion Ratio Lower Upper
106 100
91 197.2 166.6 249.8





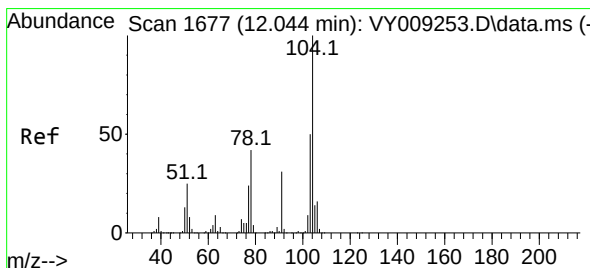
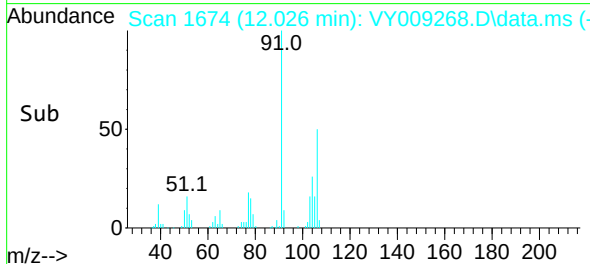
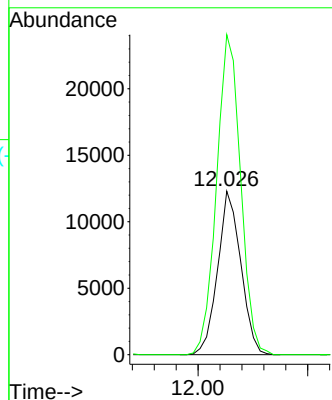
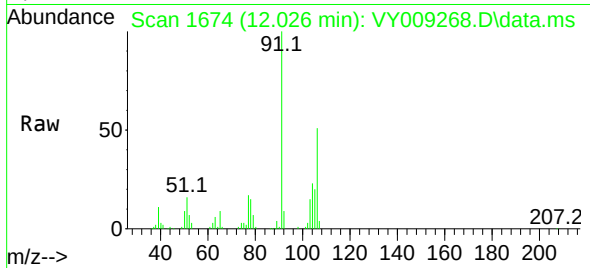
#69
o-Xylene
Concen: 5.450 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT2-2022 5.0PPB

Tgt Ion:106 Resp: 18052
Ion Ratio Lower Upper
106 100
91 203.2 110.3 331.0

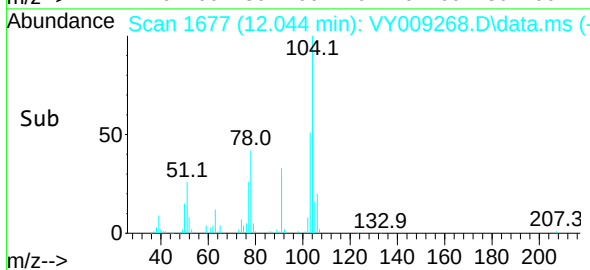
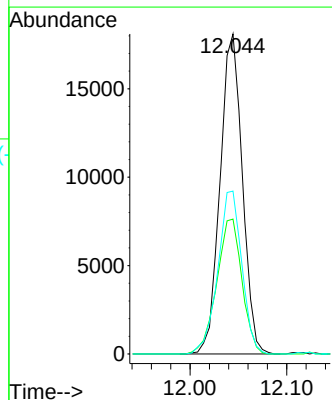
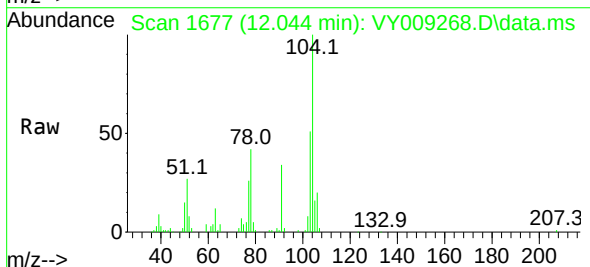
Manual Integrations
APPROVED

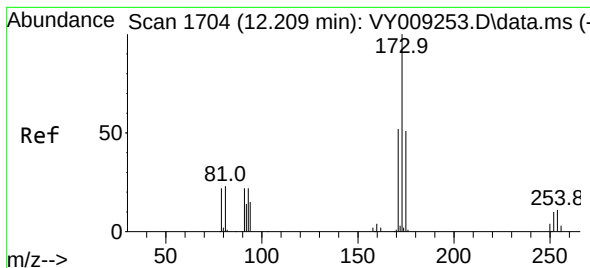
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#70
Styrene
Concen: 5.264 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

Tgt Ion:104 Resp: 28917
Ion Ratio Lower Upper
104 100
78 47.8 42.4 63.6
103 54.9 44.4 66.6





#71

Bromoform

Concen: 5.441 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. -0.000 min

Lab File: VY009268.D

Acq: 22 Jun 2022 12:49

Instrument :

MSVOA_Y

ClientSampleId :

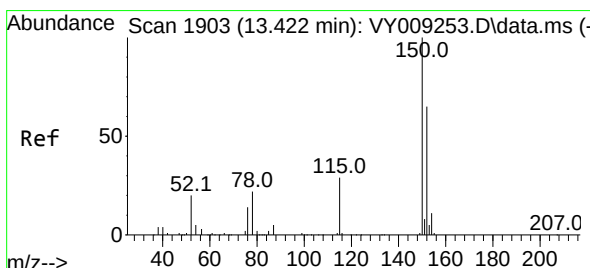
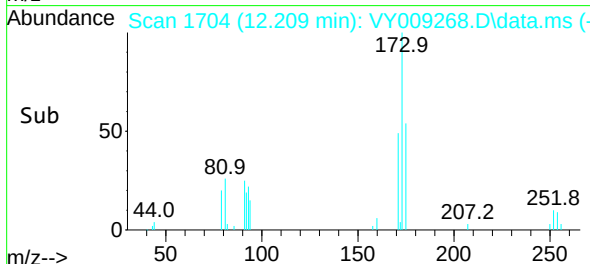
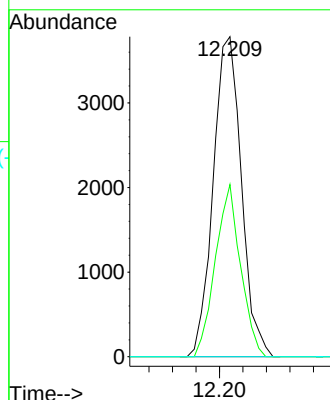
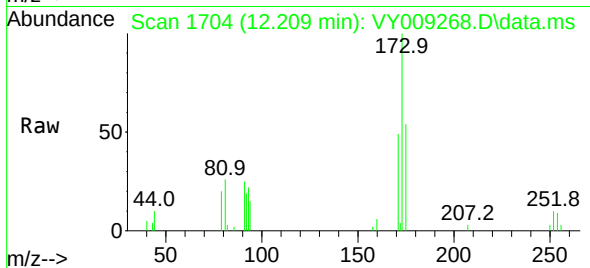
LOQ-SOIL-02-QT2-2022 5.0PPB

Tgt Ion:173	Resp:	6298
Ion Ratio	Lower	Upper
173	100	
175	48.1	24.6 74.0
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

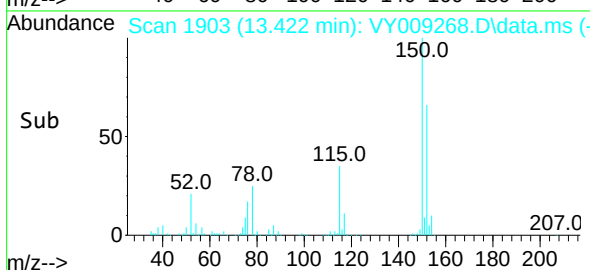
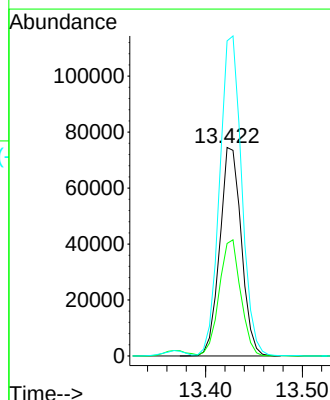
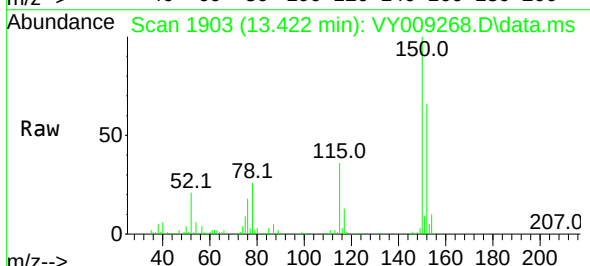
RT: 13.422 min Scan# 1903

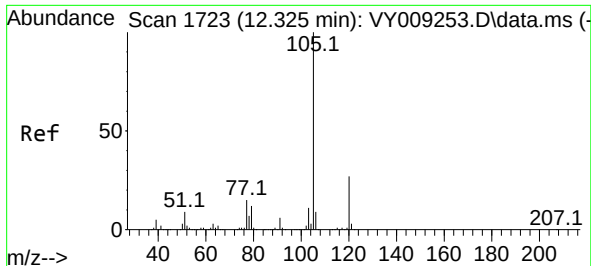
Delta R.T. 0.000 min

Lab File: VY009268.D

Acq: 22 Jun 2022 12:49

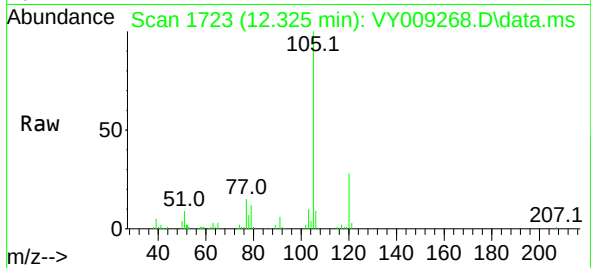
Tgt Ion:152	Resp:	115251
Ion Ratio	Lower	Upper
152	100	
115	55.6	28.2 84.7
150	157.2	0.0 347.6





#73
Isopropylbenzene
Concen: 5.099 ug/l
RT: 12.325 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

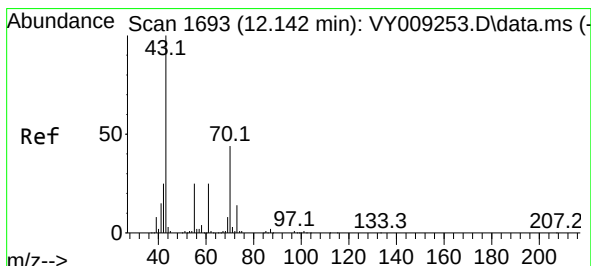
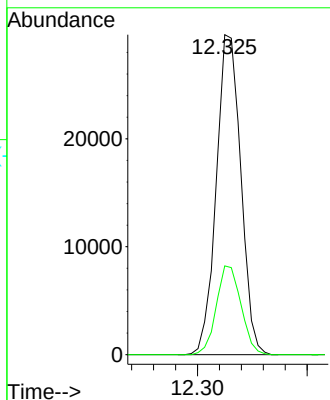
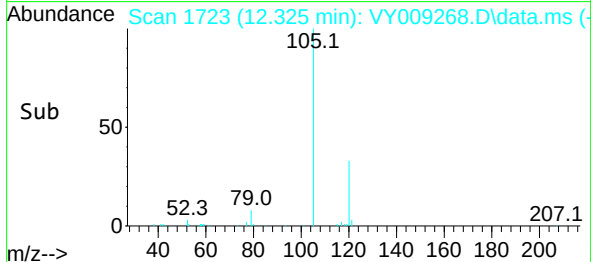
Instrument : MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2022 5.0PPB



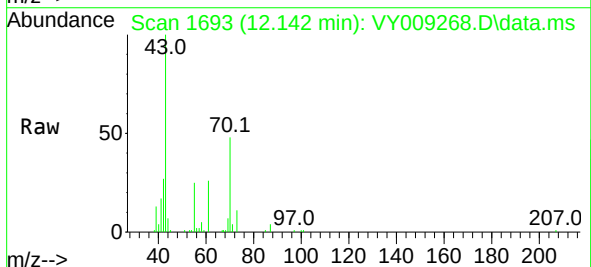
Tgt Ion:105 Resp: 46108
Ion Ratio Lower Upper
105 100
120 27.9 13.4 40.2

Manual Integrations
APPROVED

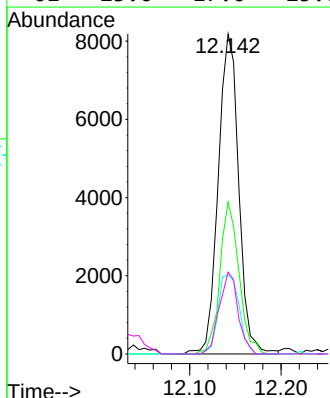
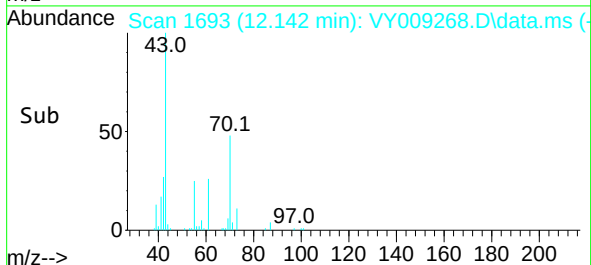
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022

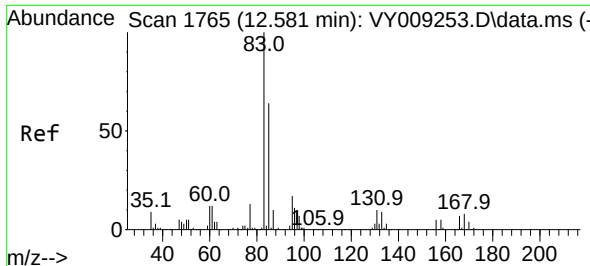


#74
N-ethyl acetate
Concen: 5.288 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49



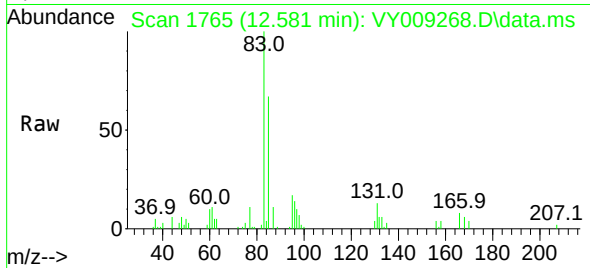
Tgt Ion: 43 Resp: 12771
Ion Ratio Lower Upper
43 100
70 44.3 28.7 43.1#
55 25.1 17.3 25.9
61 23.6 17.0 25.6





#75
1,1,2,2-Tetrachloroethane
Concen: 5.683 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

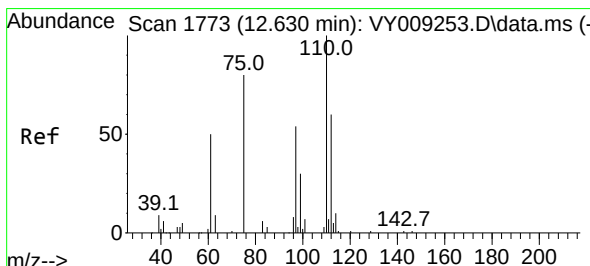
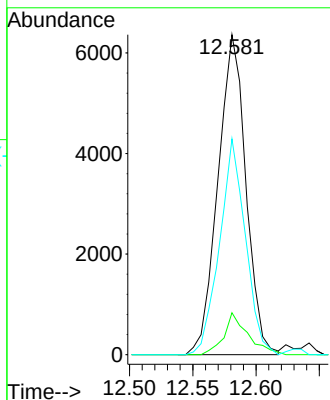
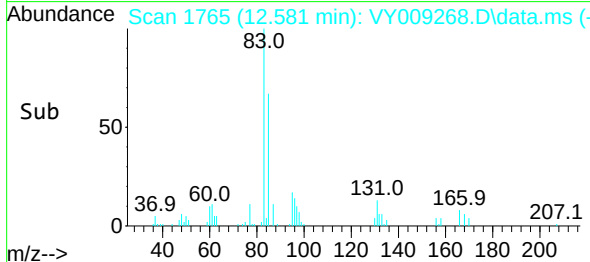
Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT2-2022 5.0PPB



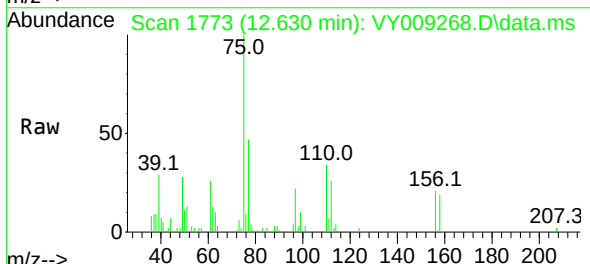
Tgt Ion: 83 Resp: 9770
Ion Ratio Lower Upper
83 100
131 11.2 5.6 16.8
85 62.5 32.3 96.8

Manual Integrations
APPROVED

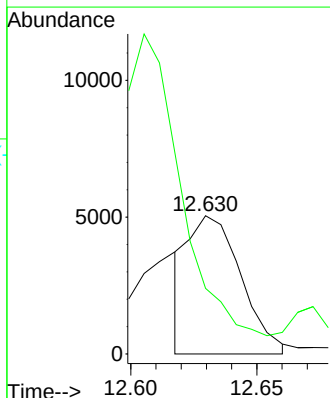
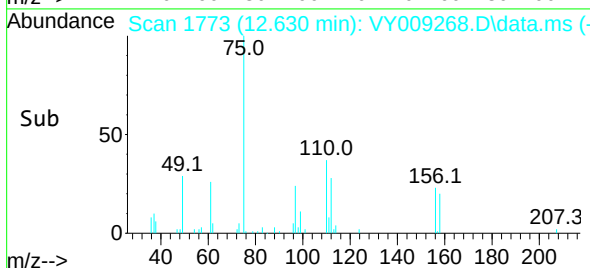
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022

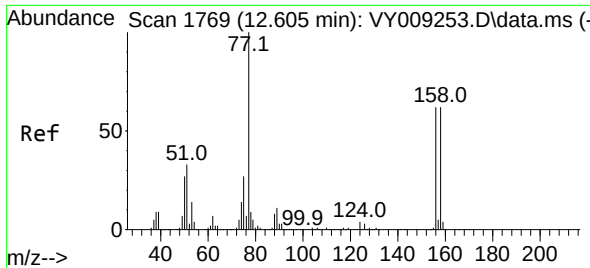


#76
1,2,3-Trichloropropane
Concen: 5.485 ug/l m
RT: 12.630 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49



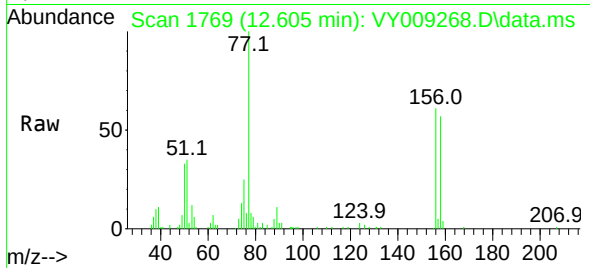
Tgt Ion: 75 Resp: 7412
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 5.303 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. 0.000 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

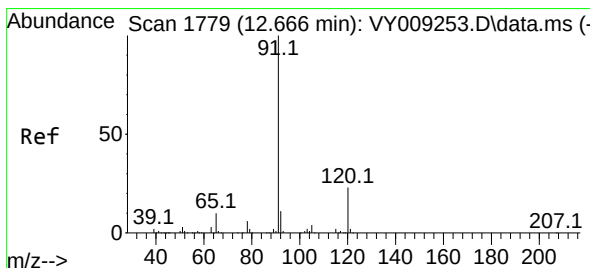
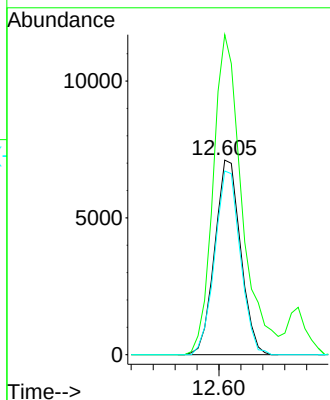
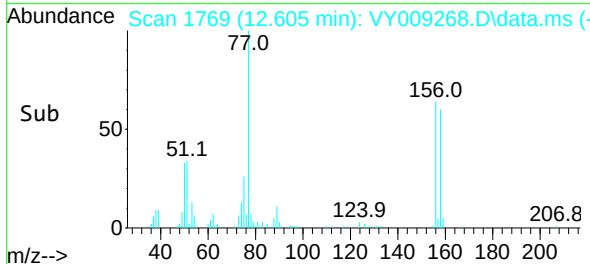
Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT2-2022 5.0PPB



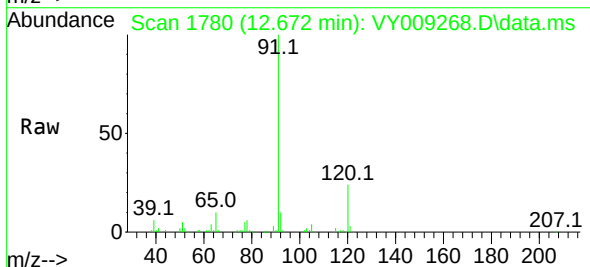
Tgt Ion:156 Resp: 1164
Ion Ratio Lower Upper
156 100
77 183.1 95.5 286.4
158 93.6 48.0 144.0

Manual Integrations
APPROVED

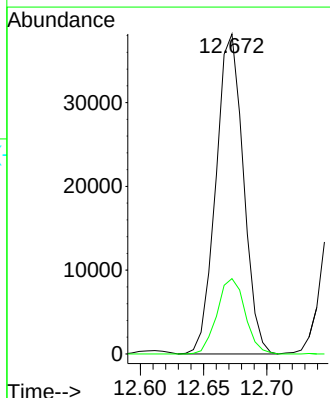
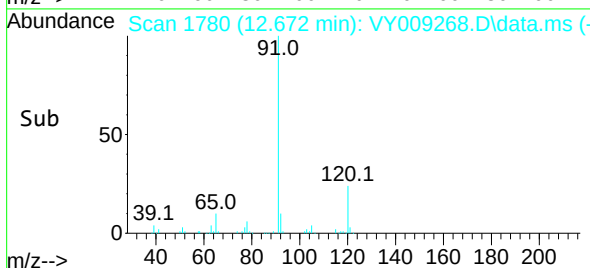
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022

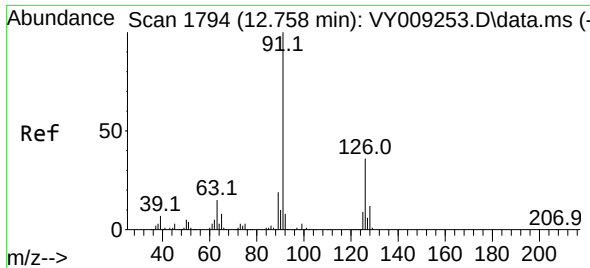


#78
n-propylbenzene
Concen: 5.294 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49



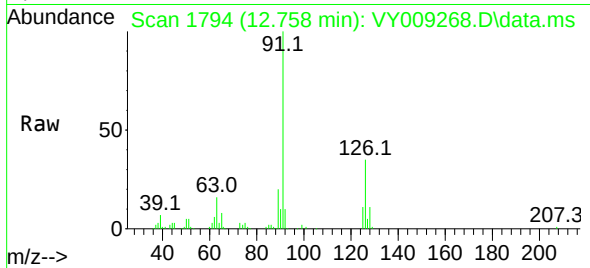
Tgt Ion: 91 Resp: 57674
Ion Ratio Lower Upper
91 100
120 24.0 11.3 33.9





#79
2-Chlorotoluene
Concen: 5.374 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

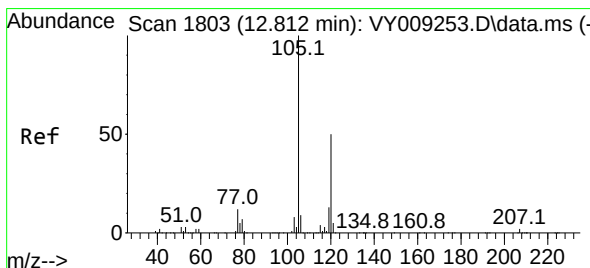
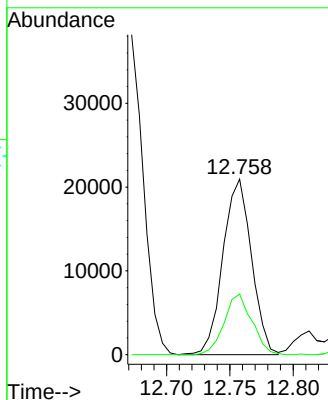
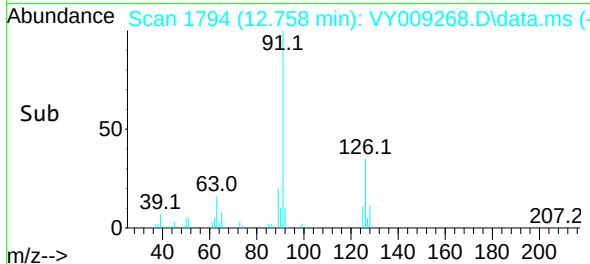
Instrument : MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2022 5.0PPB



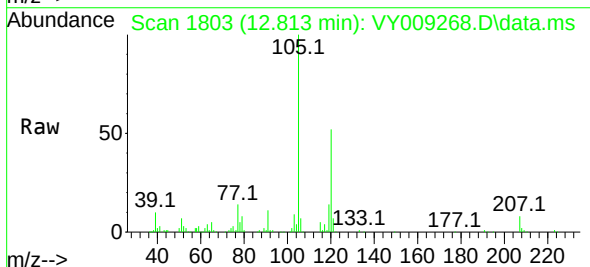
Tgt Ion: 91 Resp: 3297
Ion Ratio Lower Upper
91 100
126 33.5 16.9 50.6

Manual Integrations
APPROVED

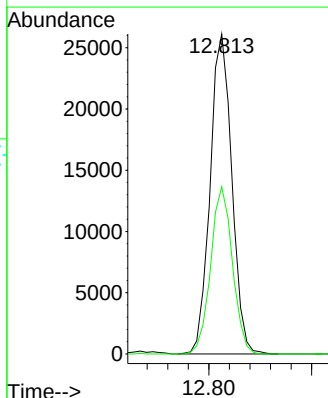
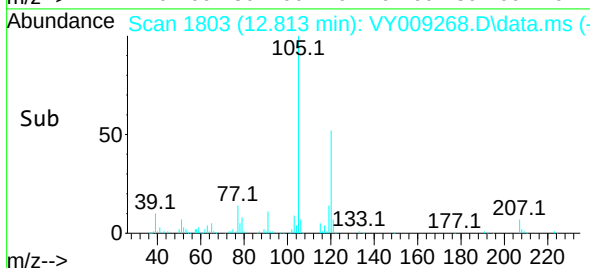
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022

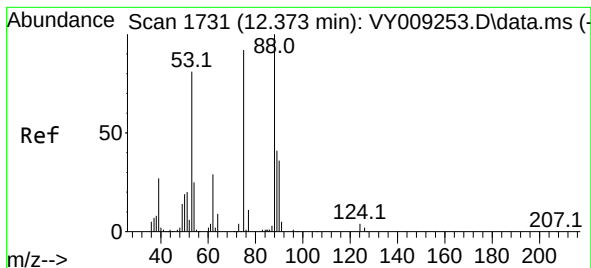


#80
1,3,5-Trimethylbenzene
Concen: 5.092 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.001 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49



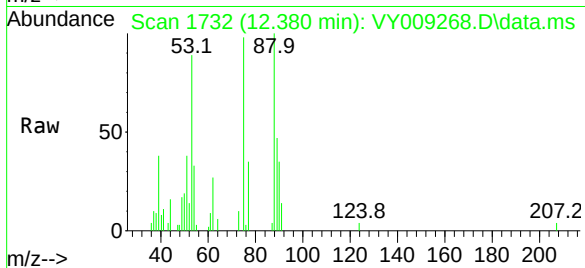
Tgt Ion:105 Resp: 38225
Ion Ratio Lower Upper
105 100
120 52.3 24.4 73.4





#81
trans-1,4-Dichloro-2-butene
Concen: 5.235 ug/l
RT: 12.380 min Scan# 1731
Delta R.T. 0.007 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

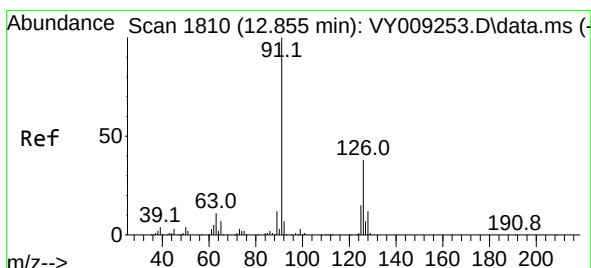
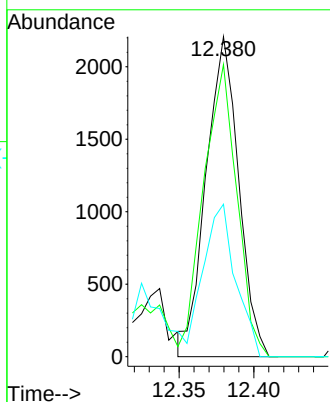
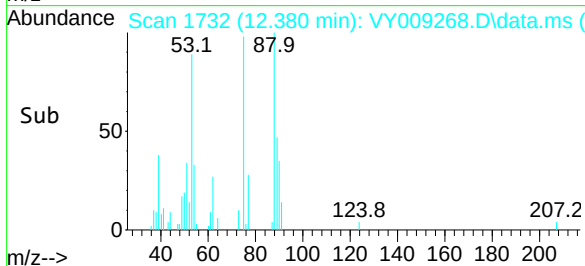
Instrument : MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2022 5.0PPB



Tgt Ion: 75 Resp: 3330
Ion Ratio Lower Upper
75 100
53 93.4 85.3 127.9
89 47.1 37.0 55.4

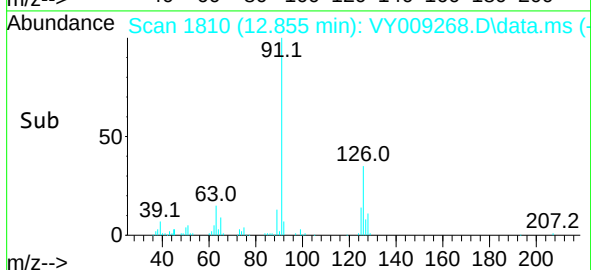
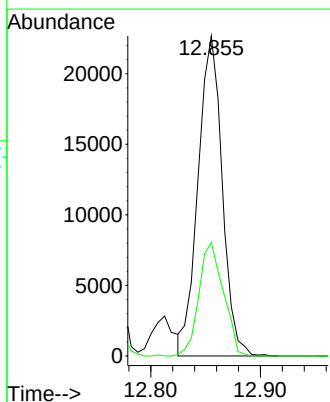
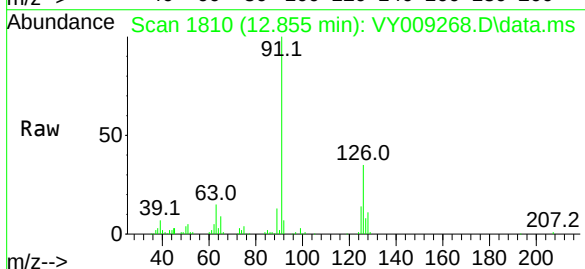
Manual Integrations
APPROVED

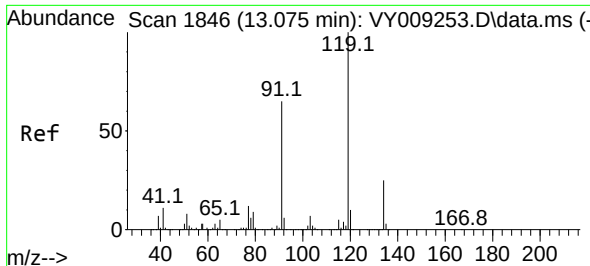
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#82
4-Chlorotoluene
Concen: 5.416 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

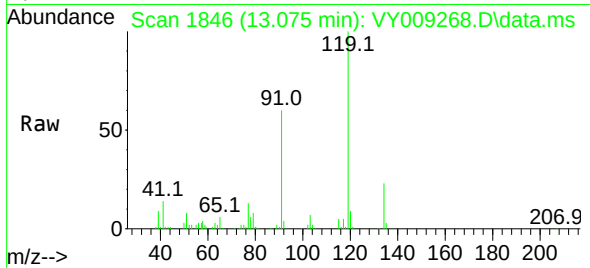
Tgt Ion: 91 Resp: 34666
Ion Ratio Lower Upper
91 100
126 36.1 17.0 51.0





#83
tert-Butylbenzene
Concen: 5.192 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. -0.000 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

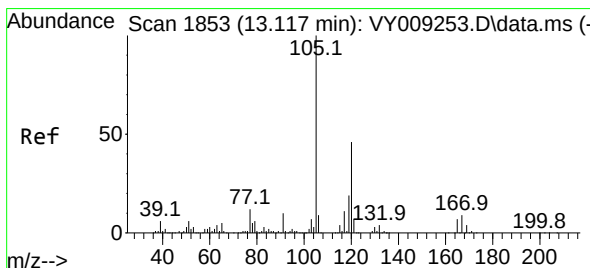
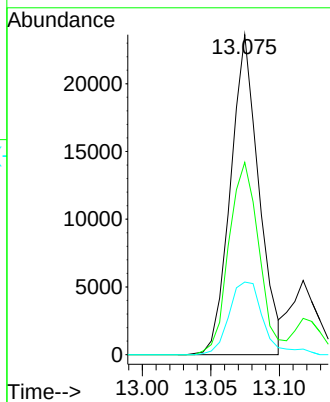
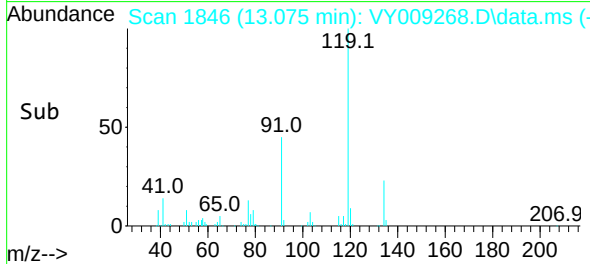
Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT2-2022 5.0PPB



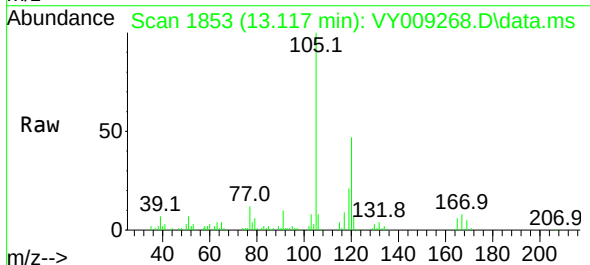
Tgt Ion:119 Resp: 3398
Ion Ratio Lower Upper
119 100
91 64.5 34.8 104.4
134 27.5 13.3 39.9

Manual Integrations
APPROVED

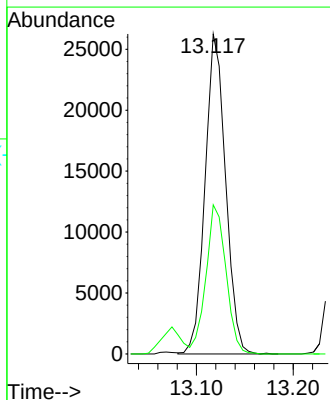
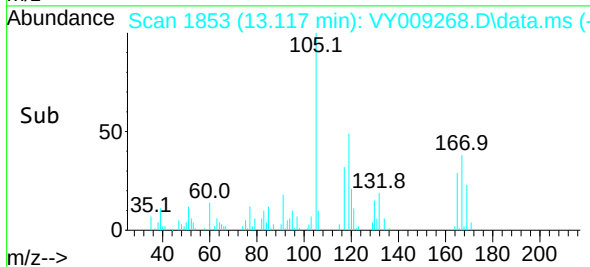
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022

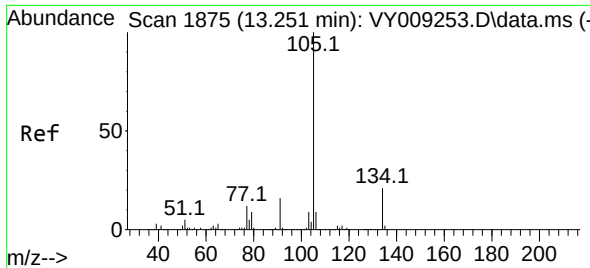


#84
1,2,4-Trimethylbenzene
Concen: 5.263 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49



Tgt Ion:105 Resp: 38714
Ion Ratio Lower Upper
105 100
120 45.6 22.3 66.9





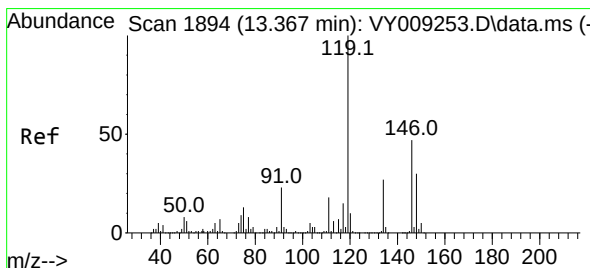
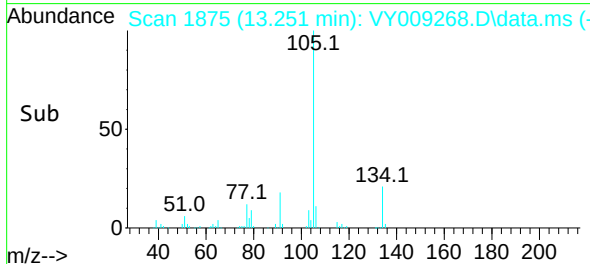
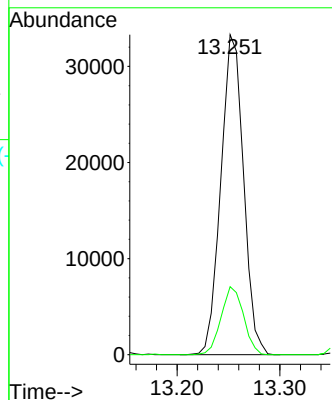
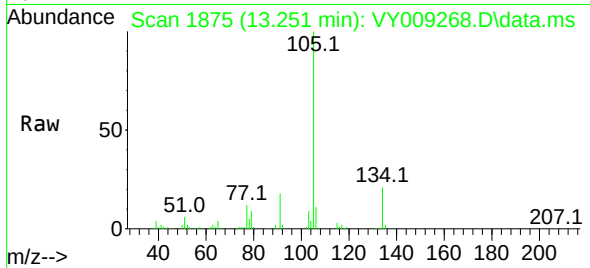
#85
 sec-Butylbenzene
 Concen: 5.202 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY009268.D
 Acq: 22 Jun 2022 12:49

Instrument : MSVOA_Y
 ClientSampleId :
 LOQ-SOIL-02-QT2-2022 5.0PPB

Tgt Ion:105 Resp: 5098
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.2 30.4

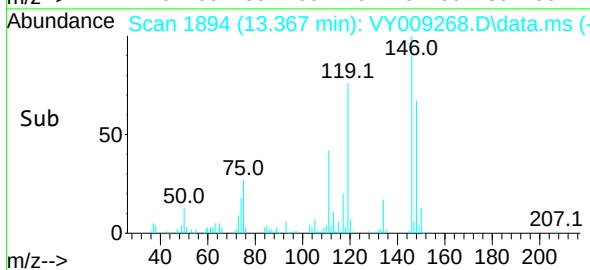
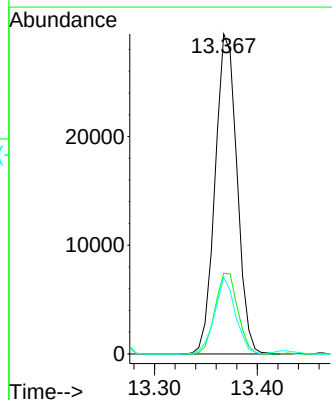
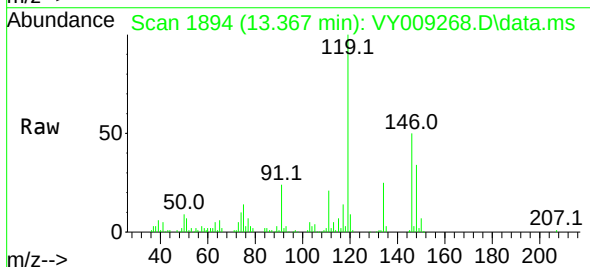
Manual Integrations
 APPROVED

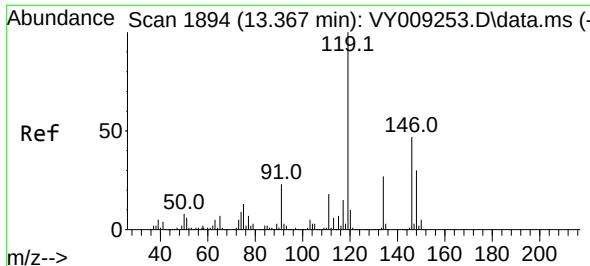
Reviewed By :Mahesh Dadoda 06/23/2022
 Supervised By :Semsettin Yesilyurt 06/23/2022



#86
 p-Isopropyltoluene
 Concen: 5.333 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY009268.D
 Acq: 22 Jun 2022 12:49

Tgt Ion:119 Resp: 43438
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.2 39.5
 91 22.8 12.4 37.2





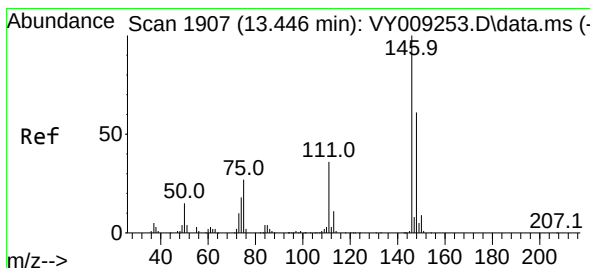
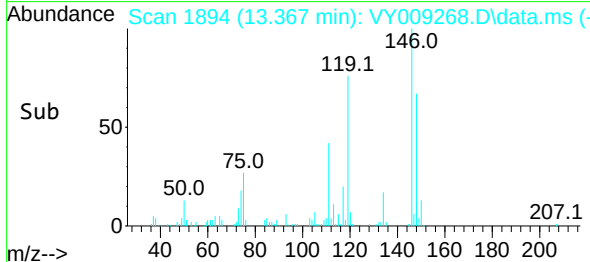
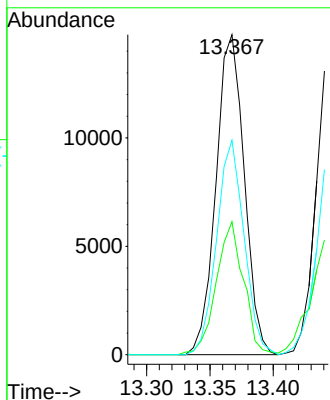
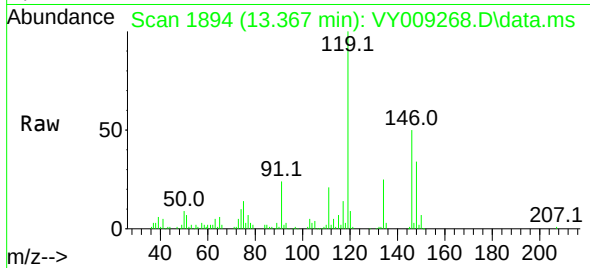
#87
1,3-Dichlorobenzene
Concen: 5.404 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

Instrument : MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2022 5.0PPB

Tgt Ion:146 Resp: 22940
Ion Ratio Lower Upper
146 100
111 40.1 19.5 58.5
148 65.2 31.6 95.0

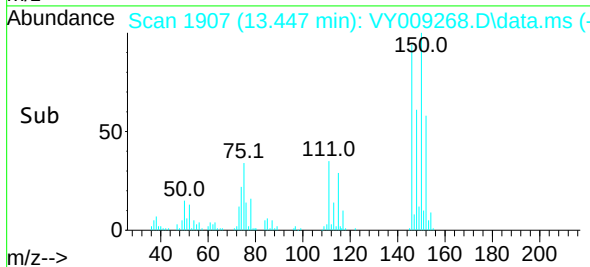
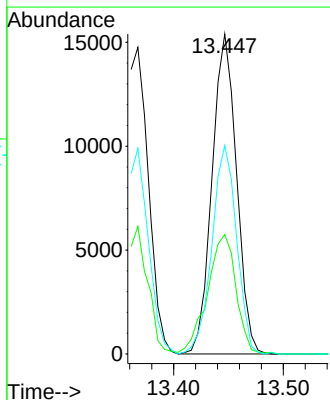
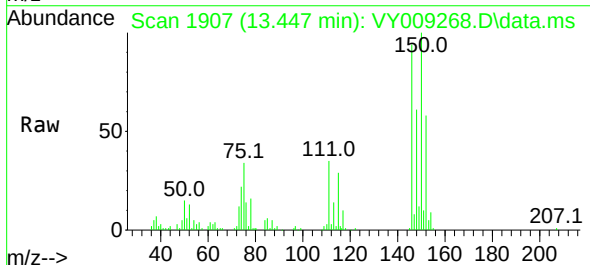
Manual Integrations
APPROVED

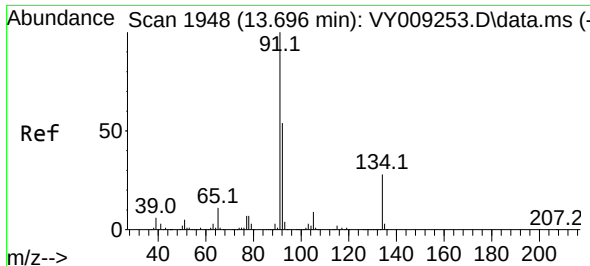
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#88
1,4-Dichlorobenzene
Concen: 5.614 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.001 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

Tgt Ion:146 Resp: 23913
Ion Ratio Lower Upper
146 100
111 43.8 19.3 57.8
148 65.8 32.6 97.8





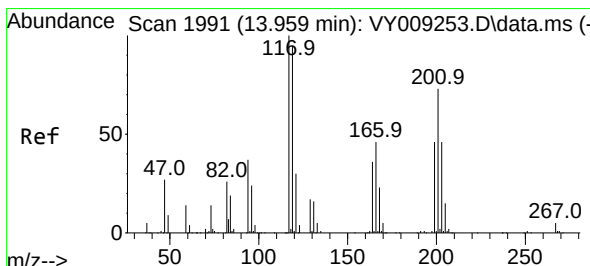
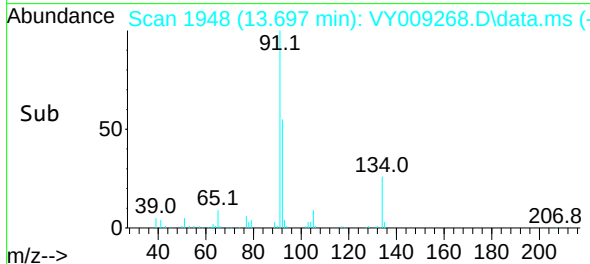
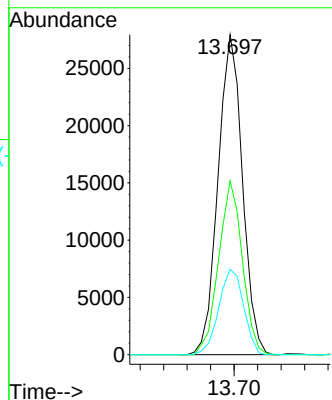
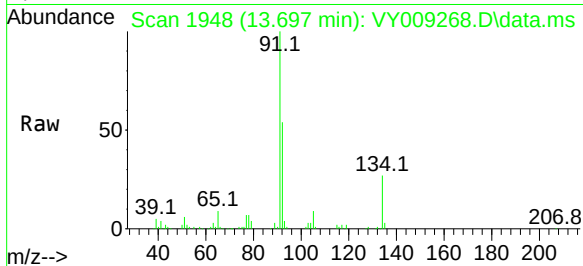
#89
n-Butylbenzene
Concen: 5.316 ug/l
RT: 13.697 min Scan# 1948
Delta R.T. 0.001 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

Instrument : MSVOA_Y
ClientSampleId :
LOQ-SOIL-02-QT2-2022 5.0PPB

Tgt Ion: 91 Resp: 4032
Ion Ratio Lower Upper
91 100
92 52.8 26.3 78.9
134 27.2 13.0 38.9

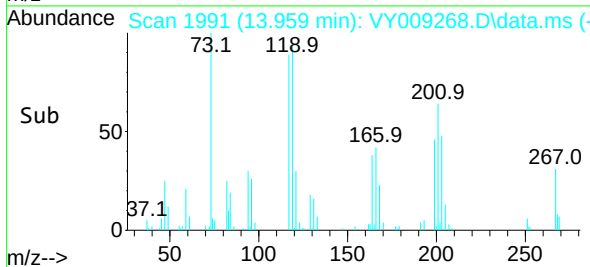
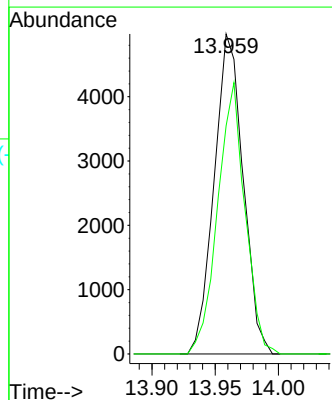
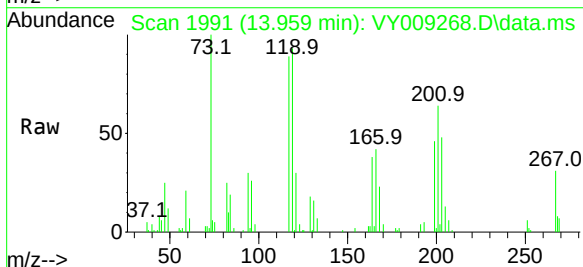
Manual Integrations
APPROVED

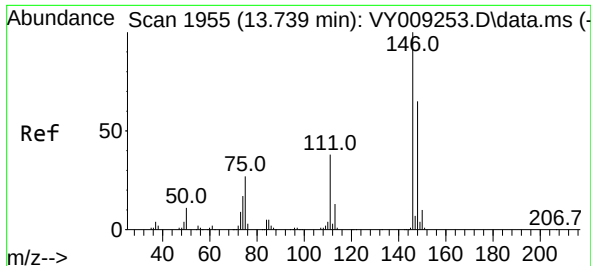
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#90
Hexachloroethane
Concen: 5.119 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

Tgt Ion:117 Resp: 7909
Ion Ratio Lower Upper
117 100
201 80.1 43.0 128.8





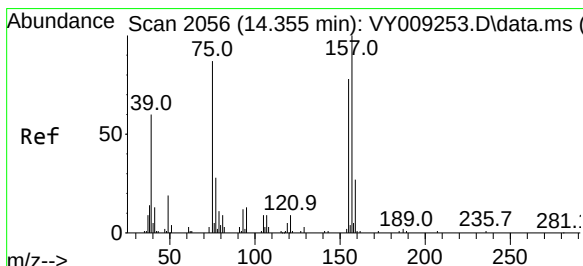
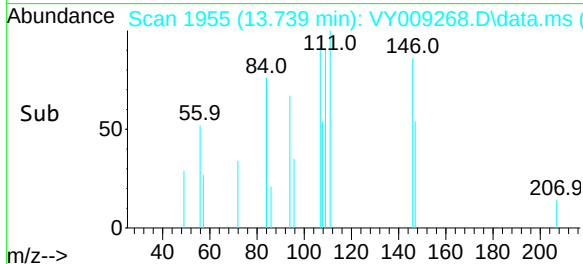
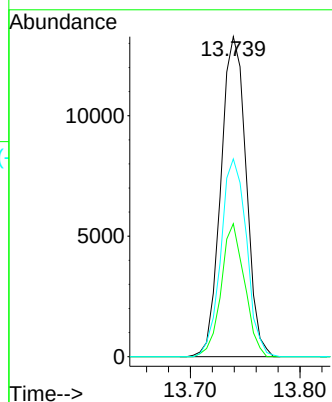
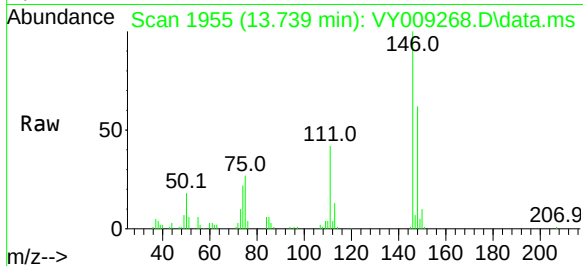
#91
1,2-Dichlorobenzene
Concen: 5.575 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

Instrument : MSVOA_Y
ClientSampleId : LOQ-SOIL-02-QT2-2022 5.0PPB

Tgt Ion:146 Resp: 2126
Ion Ratio Lower Upper
146 100
111 38.5 20.3 60.9
148 62.9 32.3 96.9

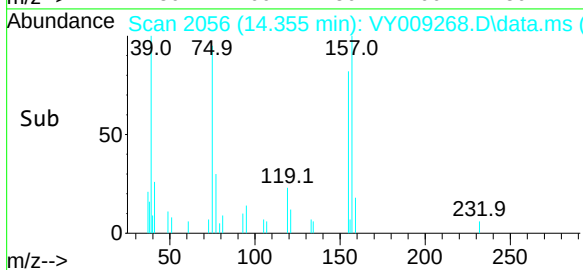
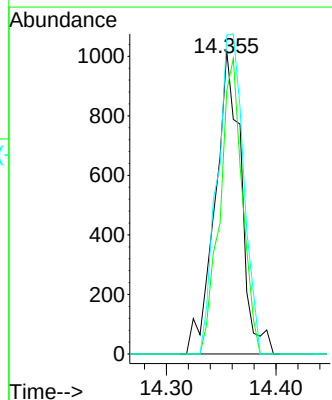
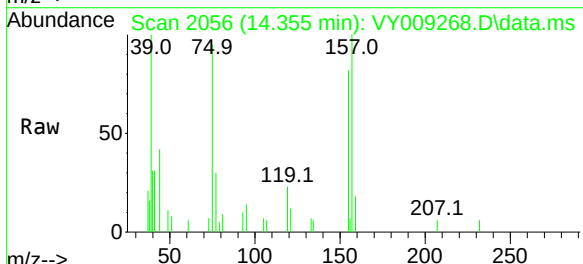
Manual Integrations
APPROVED

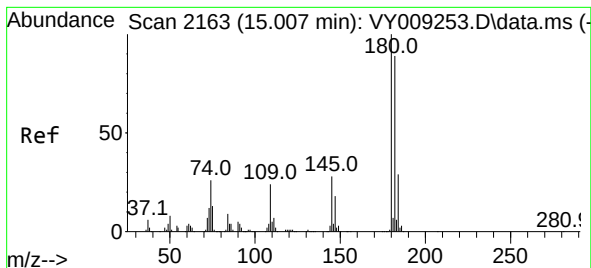
Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 5.447 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VY009268.D
Acq: 22 Jun 2022 12:49

Tgt Ion: 75 Resp: 1669
Ion Ratio Lower Upper
75 100
155 84.5 38.0 113.9
157 107.4 47.8 143.3





#93

1,2,4-Trichlorobenzene

Concen: 5.196 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY009268.D

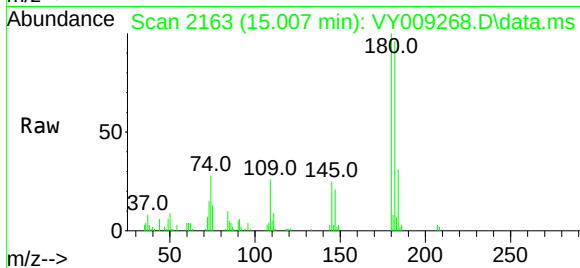
Acq: 22 Jun 2022 12:49

Instrument :

MSVOA_Y

ClientSampleId :

LOQ-SOIL-02-QT2-2022 5.0PPB

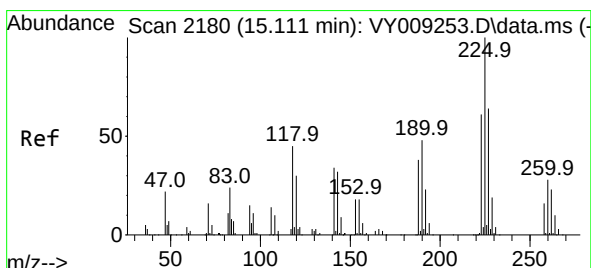
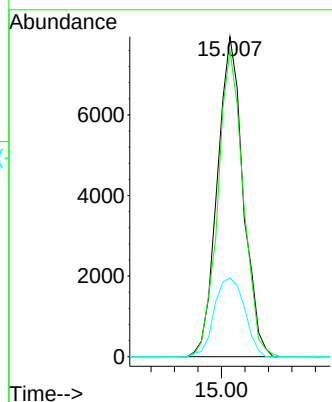
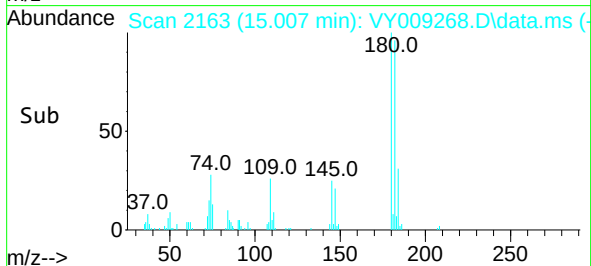


Tgt Ion:180	Resp:	1212
Ion Ratio	Lower	Upper
180	100	
182	94.0	47.3 141.9
145	28.9	14.6 43.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#94

Hexachlorobutadiene

Concen: 6.100 ug/l

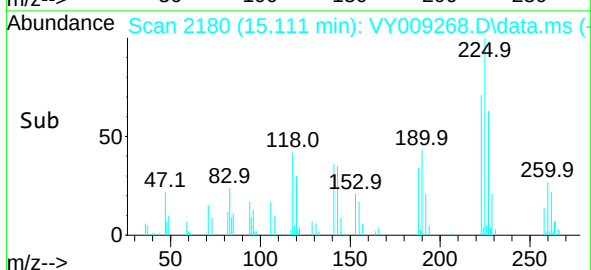
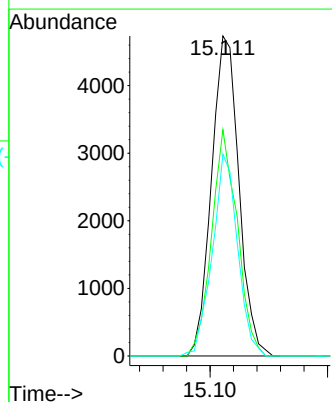
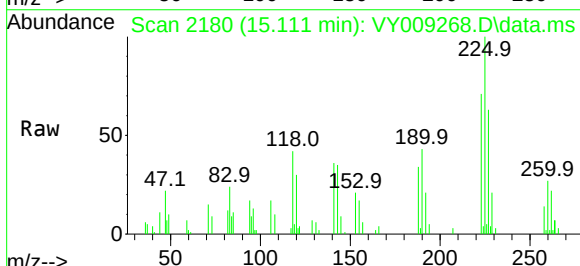
RT: 15.111 min Scan# 2180

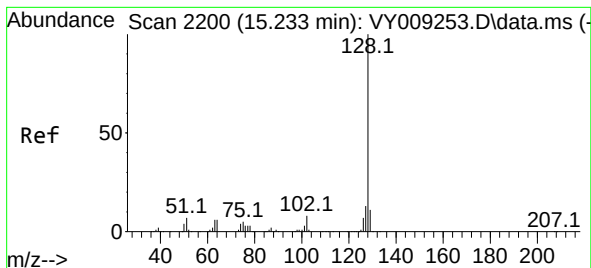
Delta R.T. -0.000 min

Lab File: VY009268.D

Acq: 22 Jun 2022 12:49

Tgt Ion:225	Resp:	7658
Ion Ratio	Lower	Upper
225	100	
223	66.4	30.8 92.3
227	58.3	31.6 94.7





#95

Naphthalene

Concen: 4.778 ug/l

RT: 15.233 min Scan# 2236

Delta R.T. -0.000 min

Lab File: VY009268.D

Acq: 22 Jun 2022 12:49

Instrument :

MSVOA_Y

ClientSampleId :

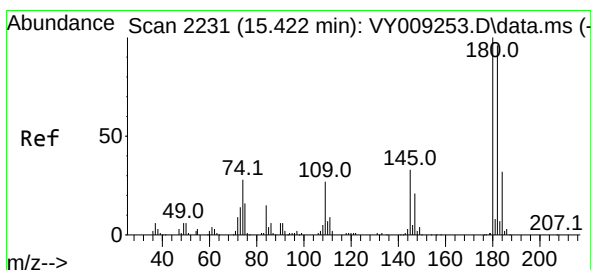
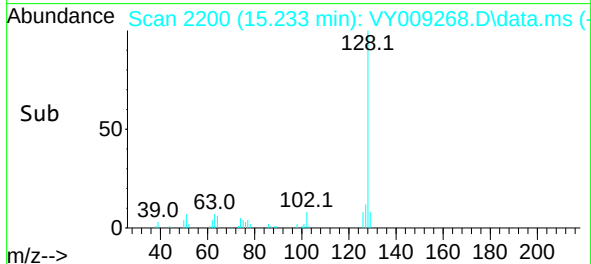
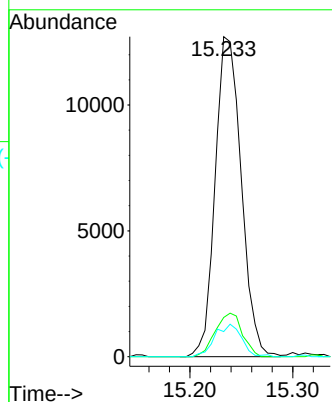
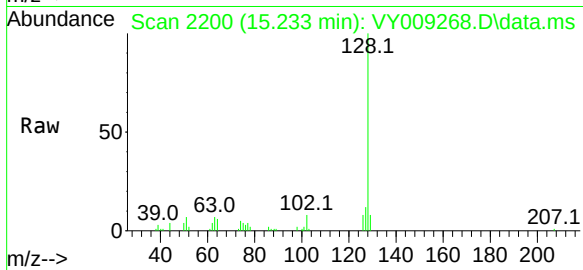
LOQ-SOIL-02-QT2-2022 5.0PPB

Tgt Ion	Ratio	Lower	Upper
128	100		
127	14.1	11.0	16.4
129	10.5	8.4	12.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/23/2022
Supervised By :Semsettin Yesilyurt 06/23/2022



#96

1,2,3-Trichlorobenzene

Concen: 5.230 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY009268.D

Acq: 22 Jun 2022 12:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	47.3	141.9
145	33.2	15.3	45.9

