

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052124\
 Data File : VW035636.D
 Acq On : 21 May 2024 09:37
 Operator : SY/MD
 Sample : P2409-04
 Misc : 5.00g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-SOIL-QT2-2024-04

Quant Time: May 22 02:27:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed May 22 02:19:32 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 05/24/2024
 Supervised By :Semsettin Yesilyurt 05/24/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	397877	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	411262	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	214783	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	122955	19.994	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.960%
7) Chloroethane-d5	1.529	69	109764	22.125	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.480%
11) 1,1-Dichloroethene-d2	2.053	65	57863	21.253	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.000%
21) 2-Butanone-d5	3.844	46	76318	43.730	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.460%
24) Chloroform-d	4.243	84	275391	23.282	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.120%
26) 1,2-Dichloroethane-d4	4.940	65	145358	24.857	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.440%
32) Benzene-d6	4.953	84	502242	22.310	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.240%
36) 1,2-Dichloropropane-d6	5.985	67	171730	24.718	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.880%
41) Toluene-d8	7.239	98	421258	21.025	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.120%
43) trans-1,3-Dichloroprop...	7.555	79	61570	20.722	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.880%
47) 2-Hexanone-d5	8.034	63	50992	40.818	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.640%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	148908	22.243	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.960%
66) 1,2-Dichlorobenzene-d4	11.558	152	182695	24.510	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	8436	1.043	ug/L	100
3) Chloromethane	1.211	50	10075	1.241	ug/L	96
5) Vinyl chloride	1.278	62	8863	1.056	ug/L #	72
6) Bromomethane	1.484	94	6386	1.202	ug/L	96
8) Chloroethane	1.545	64	5445	1.053	ug/L	92
9) Trichlorofluoromethane	1.709	101	11368	1.038	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	8678	1.256	ug/L	89
12) 1,1-Dichloroethene	2.063	96	8284	1.327	ug/L #	1
13) Acetone	2.172	43	5313m	2.080	ug/L	
14) Carbon disulfide	2.233	76	20501	1.037	ug/L	98
15) Methyl Acetate	2.397	43	3702m	0.956	ug/L	
17) trans-1,2-Dichloroethene	2.690	96	6420	0.927	ug/L	95
18) Methyl tert-butyl Ether	2.706	73	14855	0.889	ug/L	97
19) 1,1-Dichloroethane	3.111	63	12809	0.986	ug/L	97
20) cis-1,2-Dichloroethene	3.822	96	6843m	0.911	ug/L	
22) 2-Butanone	3.934	43	4901m	2.066	ug/L	
23) Bromochloromethane	4.156	128	3670m	1.010	ug/L	
25) Chloroform	4.268	83	17101	1.275	ug/L	96
27) 1,2-Dichloroethane	5.059	62	8973m	1.074	ug/L	

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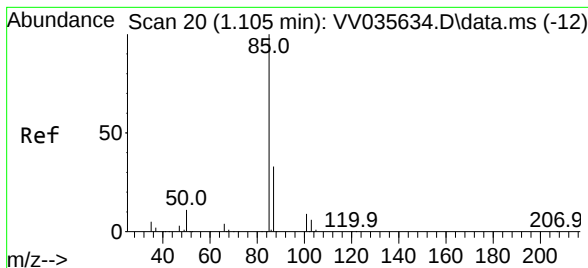
Quant Time: May 22 02:27:56 2024
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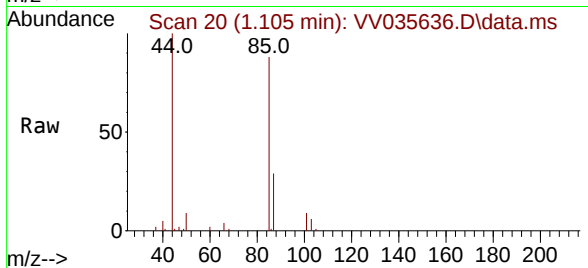
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	4.577	56	8520	0.866	ug/L	93
30) 1,1,1-Trichloroethane	4.510	97	11433	1.003	ug/L	96
31) Carbon tetrachloride	4.735	117	9885	0.988	ug/L	100
33) Benzene	5.011	78	27448m	1.008	ug/L	
34) Trichloroethene	5.841	95	8507	1.105	ug/L	98
35) Methylcyclohexane	6.040	83	10683m	0.914	ug/L	
37) 1,2-Dichloropropane	6.101	63	7595m	1.070	ug/L	
38) Bromodichloromethane	6.439	83	9447	0.982	ug/L	97
39) cis-1,3-Dichloropropene	6.973	75	10709m	0.964	ug/L	
40) 4-Methyl-2-pentanone	7.178	43	8724m	2.051	ug/L	
42) Toluene	7.323	91	28006	0.972	ug/L	99
44) trans-1,3-Dichloropropene	7.590	75	10463m	1.077	ug/L	
45) 1,1,2-Trichloroethane	7.780	97	6150	1.019	ug/L	98
46) Tetrachloroethene	7.908	164	6313	1.009	ug/L	98
48) 2-Hexanone	8.095	43	8419m	2.640	ug/L	
49) Dibromochloromethane	8.178	129	6856	1.007	ug/L	94
50) 1,2-Dibromoethane	8.291	107	5581	0.939	ug/L #	94
51) Chlorobenzene	8.815	112	20545	1.028	ug/L	97
52) Ethylbenzene	8.953	91	27147	0.854	ug/L	99
53) m,p-Xylene	9.079	106	9923	0.822	ug/L	95
54) o-Xylene	9.480	106	9055	0.792	ug/L	98
55) Styrene	9.506	104	14514m	0.728	ug/L	
57) 1,1,2,2-Tetrachloroethane	10.175	83	6953	0.946	ug/L #	94
59) Bromoform	9.667	173	4212	0.998	ug/L #	97
60) Isopropylbenzene	9.866	105	23282	0.814	ug/L	98
61) 1,2,3-Trichloropropane	10.210	75	5598	1.112	ug/L	94
62) 1,3,5-Trimethylbenzene	10.477	105	16769	0.747	ug/L	98
63) 1,2,4-Trimethylbenzene	10.853	105	17146	0.743	ug/L	98
64) 1,3-Dichlorobenzene	11.120	146	14172	0.944	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	16273	1.047	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	15560	1.101	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.368	75	1187	1.017	ug/L #	86
69) 1,3,5-Trichlorobenzene	12.583	180	11575	0.987	ug/L	98
70) 1,2,4-trichlorobenzene	13.201	180	9224	0.941	ug/L	99
71) Naphthalene	13.445	128	15281m	0.888	ug/L	
72) 1,2,3-Trichlorobenzene	13.683	180	8112	0.920	ug/L	93

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



#2
Dichlorodifluoromethane
Concen: 1.043 ug/L
RT: 1.105 min Scan# 20
Delta R.T. -0.000 min
Lab File: VV035636.D
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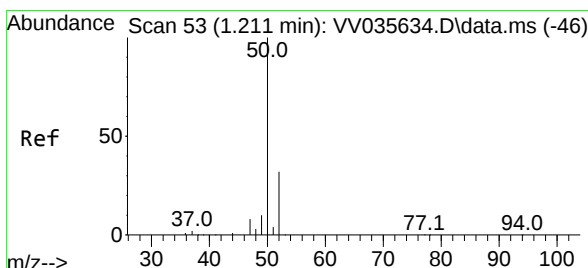
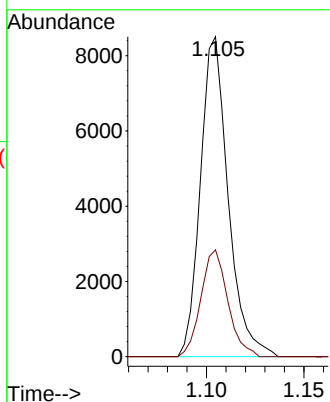
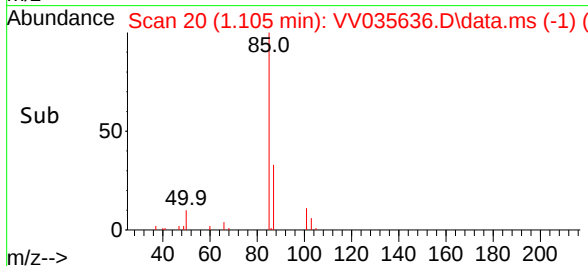
Instrument :
MSVOA_V
ClientSampleId :
MDL-SOIL-QT2-2024-04



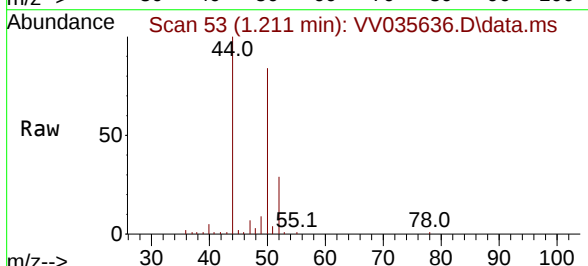
Tgt Ion: 85 Resp: 8430
Ion Ratio Lower Upper
85 100
87 32.3 25.8 38.6

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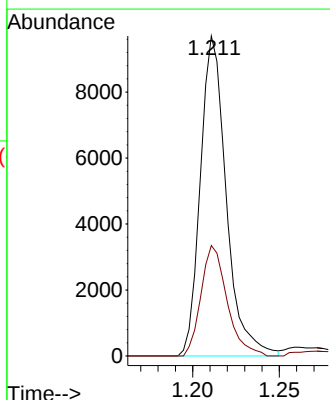
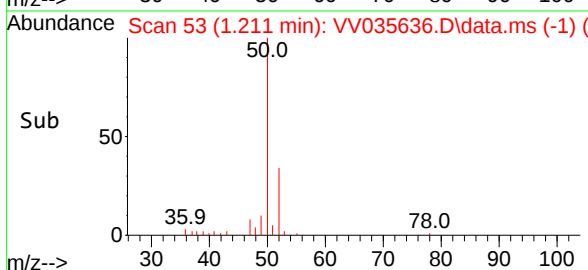
Reviewed By :Mahesh Dadoda 05/24/2024
Supervised By :Semsettin Yesilyurt 05/24/2024

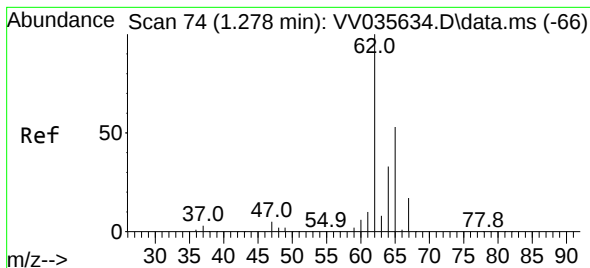


#3
Chloromethane
Concen: 1.241 ug/L
RT: 1.211 min Scan# 53
Delta R.T. -0.000 min
Lab File: VV035636.D
Acq: 21 May 2024 09:37



Tgt Ion: 50 Resp: 10075
Ion Ratio Lower Upper
50 100
52 34.5 22.7 42.1





#5

Vinyl chloride

Concen: 1.056 ug/L

RT: 1.278 min Scan# 74

Delta R.T. -0.000 min

Lab File: VV035636.D

Acq: 21 May 2024 09:37

Instrument :

MSVOA_V

ClientSampleId :

MDL-SOIL-QT2-2024-04

Tgt Ion: 62 Resp: 886

Ion Ratio Lower Upper

62 100

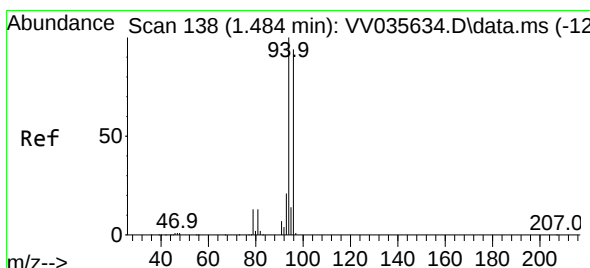
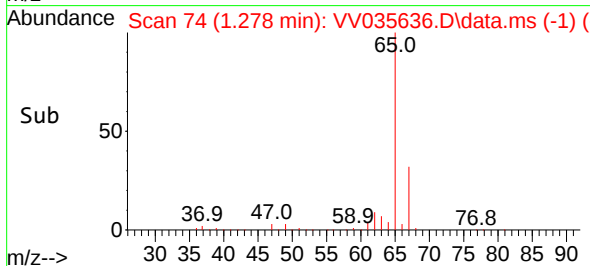
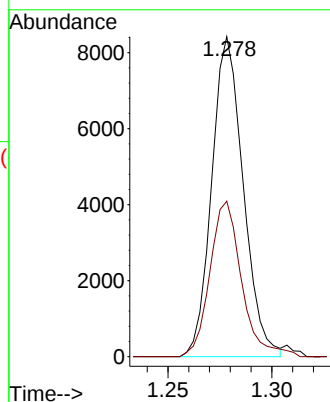
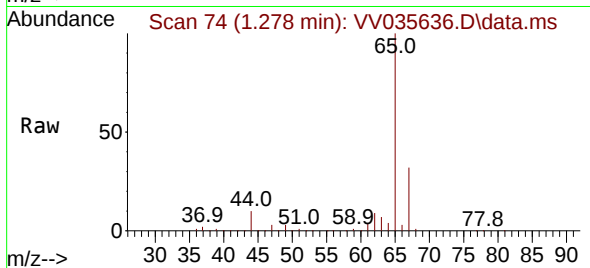
64 48.6 23.0 42.6

Manual Integrations

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Supervised By :Semsettin Yesilyurt 05/24/2024



#6

Bromomethane

Concen: 1.202 ug/L

RT: 1.484 min Scan# 138

Delta R.T. -0.000 min

Lab File: VV035636.D

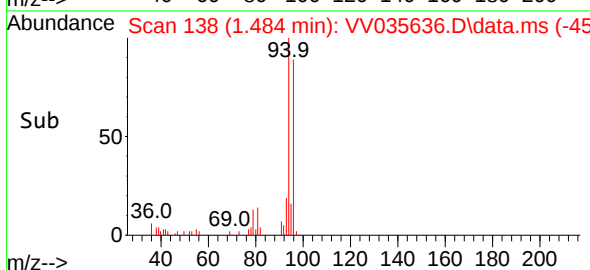
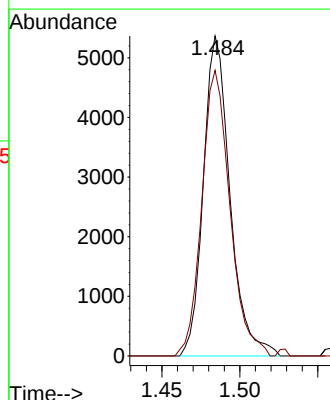
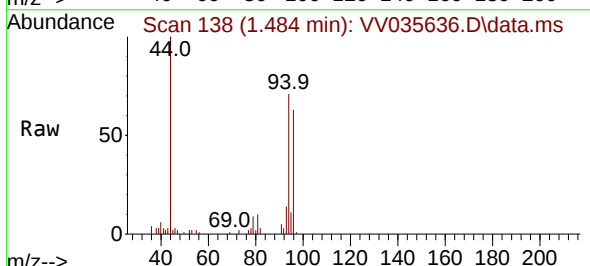
Acq: 21 May 2024 09:37

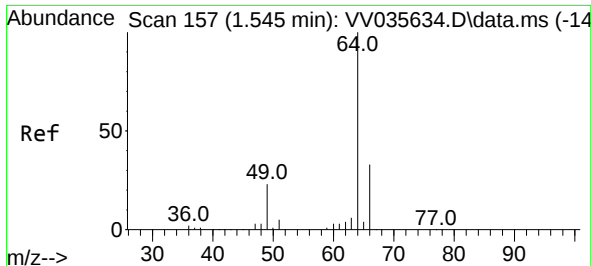
Tgt Ion: 94 Resp: 6386

Ion Ratio Lower Upper

94 100

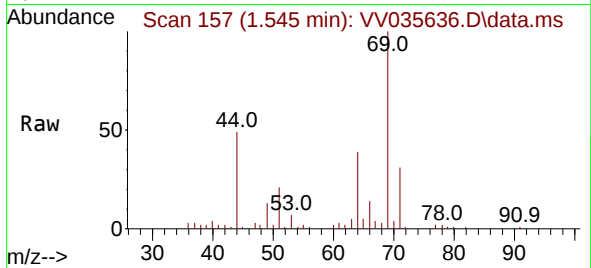
96 89.2 65.2 121.0





#8
Chloroethane
Concen: 1.053 ug/L
RT: 1.545 min Scan# 157
Delta R.T. -0.000 min
Lab File: VV035636.D
Acq: 21 May 2024 09:37

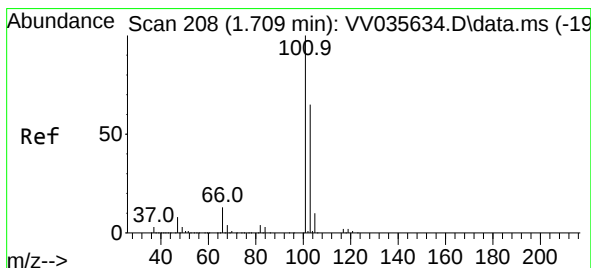
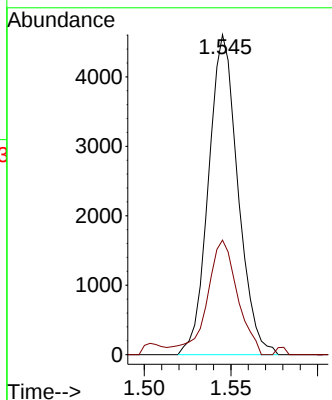
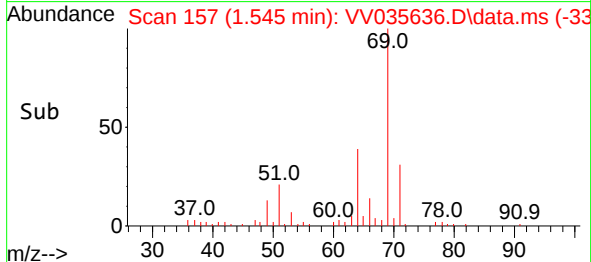
Instrument : MSVOA_V
ClientSampleId : MDL-SOIL-QT2-2024-04



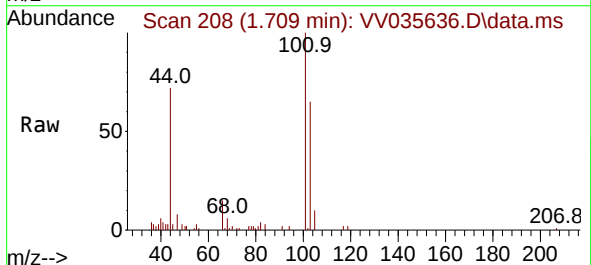
Tgt Ion: 64 Resp: 544
Ion Ratio Lower Upper
64 100
66 35.8 22.0 40.8

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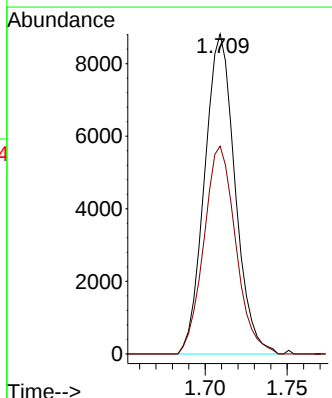
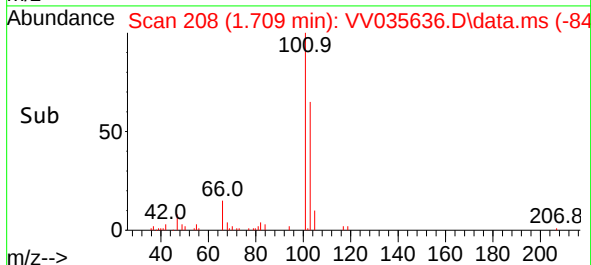
Reviewed By :Mahesh Dadoda 05/24/2024
Supervised By :Semsettin Yesilyurt 05/24/2024

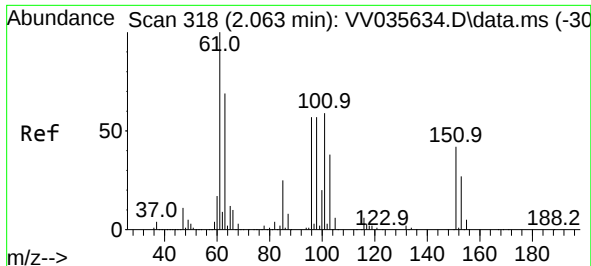


#9
Trichlorofluoromethane
Concen: 1.038 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.000 min
Lab File: VV035636.D
Acq: 21 May 2024 09:37



Tgt Ion:101 Resp: 11368
Ion Ratio Lower Upper
101 100
103 67.9 51.5 77.3





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 1.256 ug/L

RT: 2.060 min Scan# 317

Delta R.T. -0.003 min

Lab File: VV035636.D

Acq: 21 May 2024 09:37

Instrument :

MSVOA_V

ClientSampleId :

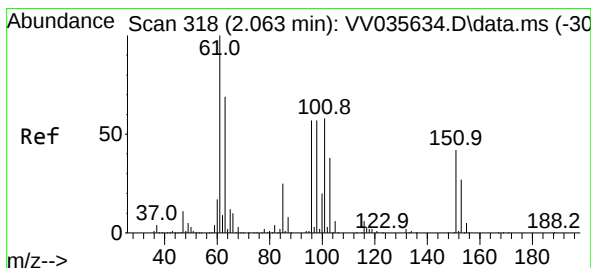
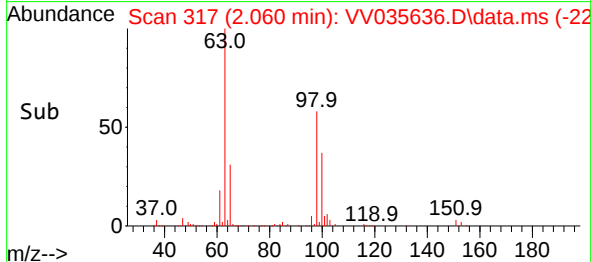
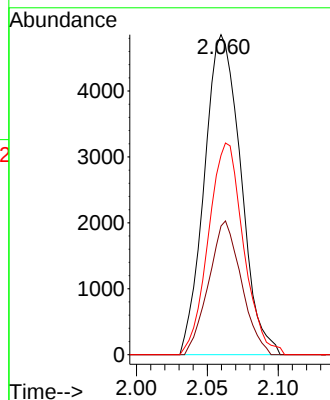
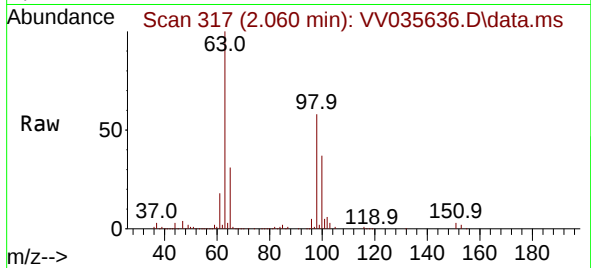
MDL-SOIL-QT2-2024-04

Tgt Ion:	101	Resp:	8678
Ion Ratio	Lower	Upper	
101	100		
85	37.5	34.2	51.4
151	63.7	59.5	89.3

Manual Integrations

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#12

1,1-Dichloroethene

Concen: 1.327 ug/L

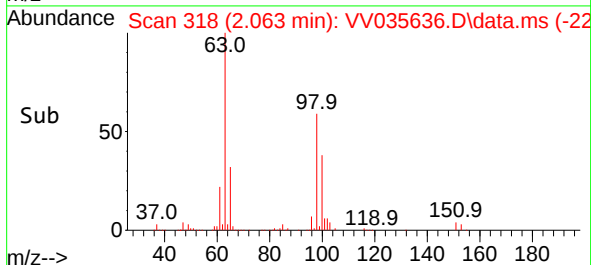
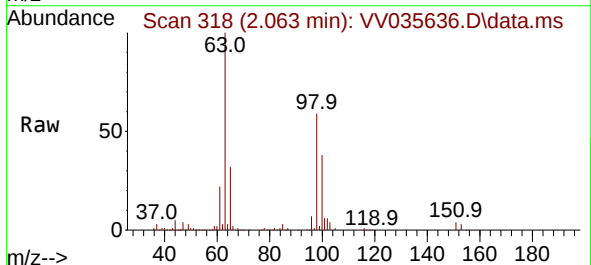
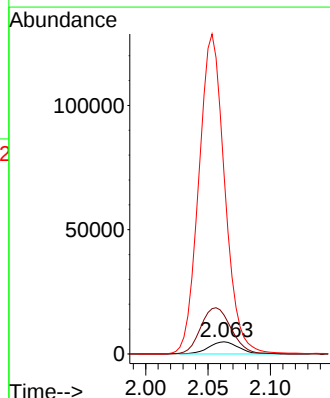
RT: 2.063 min Scan# 318

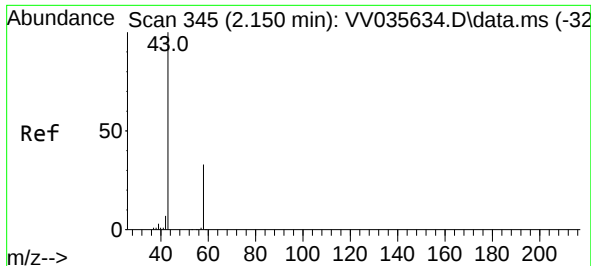
Delta R.T. -0.000 min

Lab File: VV035636.D

Acq: 21 May 2024 09:37

Tgt Ion:	96	Resp:	8284
Ion Ratio	Lower	Upper	
96	100		
61	318.6	119.8	222.4#
63	1473.9	75.6	140.4#





#13

Acetone

Concen: 2.080 ug/L m

RT: 2.172 min Scan# 3

Delta R.T. 0.022 min

Lab File: VV035636.D

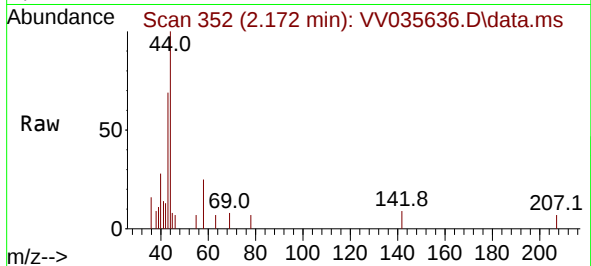
Acq: 21 May 2024 09:37

Instrument :

MSVOA_V

ClientSampleId :

MDL-SOIL-QT2-2024-04



Tgt Ion: 43 Resp: 531

Ion Ratio Lower Upper

43 100

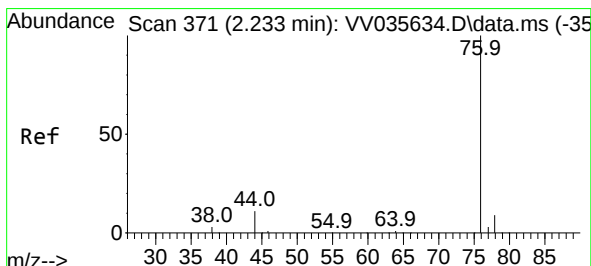
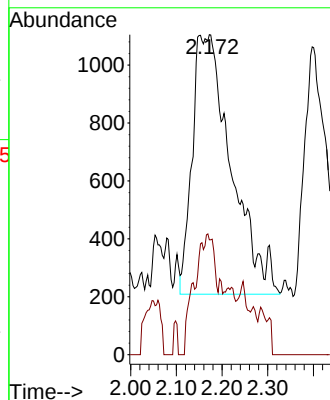
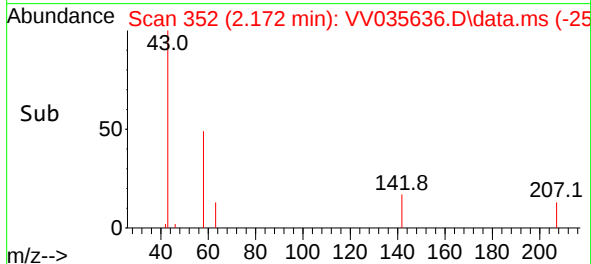
58 2.3 0.0 22.8

Manual Integrations

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Supervised By :Semsettin Yesilyurt 05/24/2024



#14

Carbon disulfide

Concen: 1.037 ug/L

RT: 2.233 min Scan# 371

Delta R.T. -0.000 min

Lab File: VV035636.D

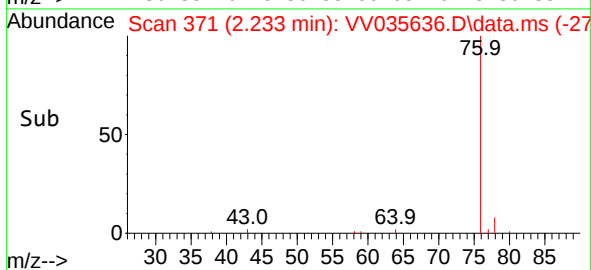
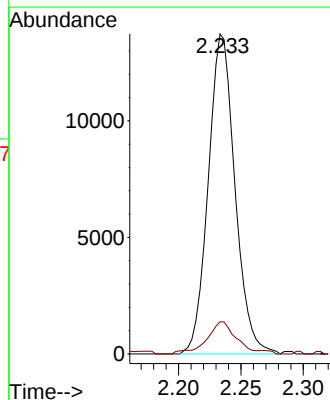
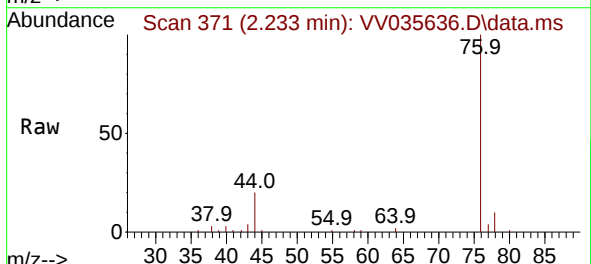
Acq: 21 May 2024 09:37

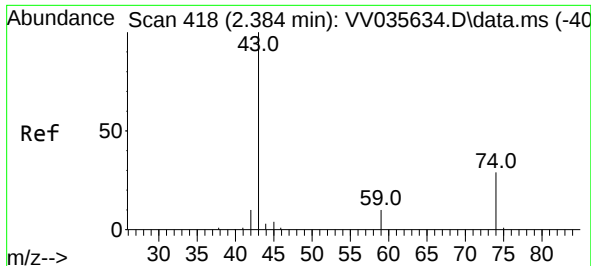
Tgt Ion: 76 Resp: 20501

Ion Ratio Lower Upper

76 100

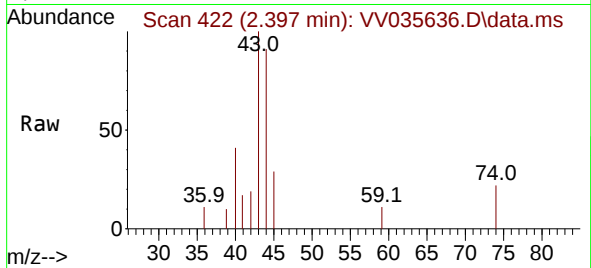
78 10.1 7.5 11.3





#15
Methyl Acetate
Concen: 0.956 ug/L m
RT: 2.397 min Scan# 418
Delta R.T. 0.013 min
Lab File: VV035636.D
Acq: 21 May 2024 09:37

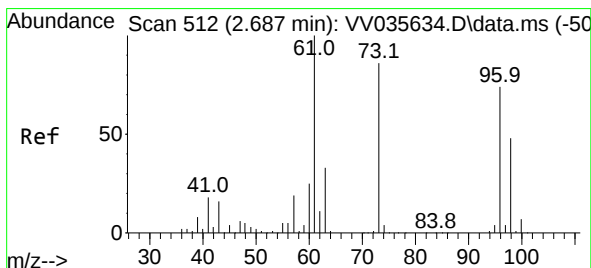
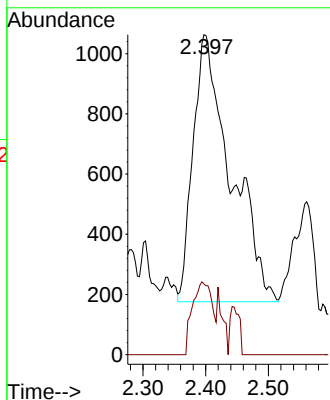
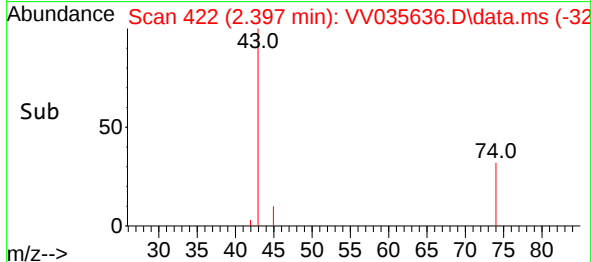
Instrument :
MSVOA_V
ClientSampleId :
MDL-SOIL-QT2-2024-04



Tgt Ion: 43 Resp: 370
Ion Ratio Lower Upper
43 100
74 14.4 18.6 27.8

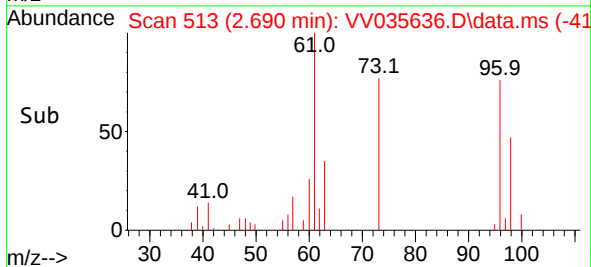
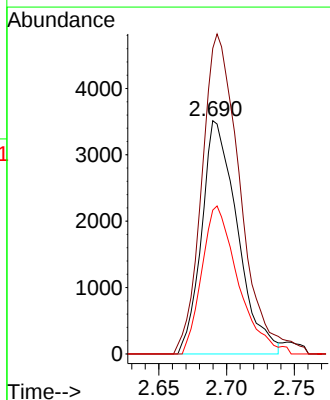
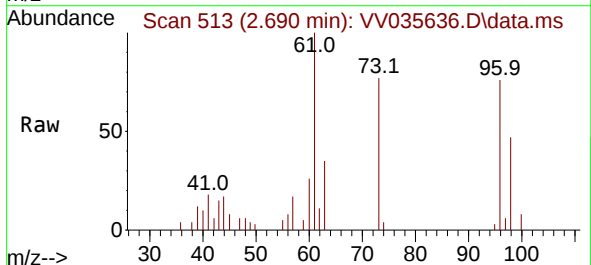
Manual Integrations
APPROVED

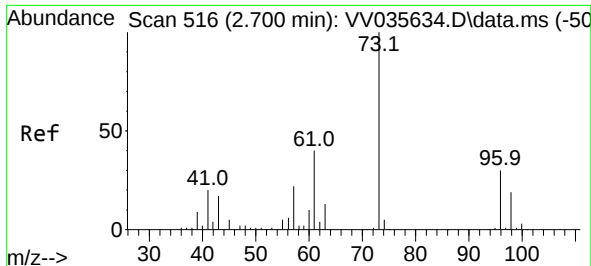
Reviewed By :Mahesh Dadoda 05/24/2024
Supervised By :Semsettin Yesilyurt 05/24/2024



#17
trans-1,2-Dichloroethene
Concen: 0.927 ug/L
RT: 2.690 min Scan# 513
Delta R.T. 0.003 min
Lab File: VV035636.D
Acq: 21 May 2024 09:37

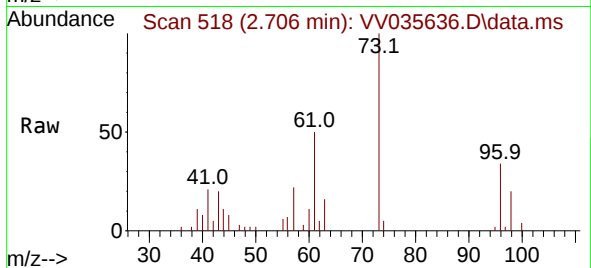
Tgt Ion: 96 Resp: 6420
Ion Ratio Lower Upper
96 100
61 131.0 95.5 177.4
98 61.7 46.0 85.4





#18
Methyl tert-butyl Ether
Concen: 0.889 ug/L
RT: 2.706 min Scan# 516
Delta R.T. 0.006 min
Lab File: VV035636.D
Acq: 21 May 2024 09:37

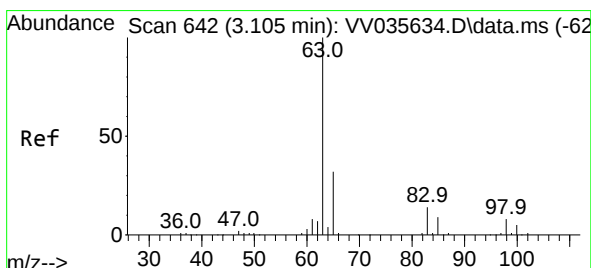
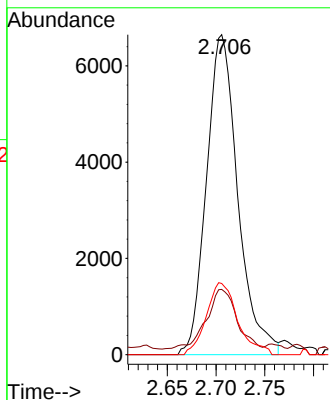
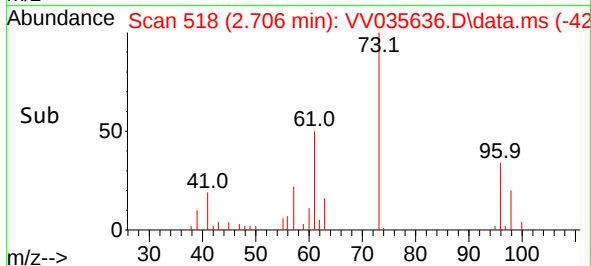
Instrument :
MSVOA_V
ClientSampleId :
MDL-SOIL-QT2-2024-04



Tgt Ion: 73 Resp: 1485
Ion Ratio Lower Upper
73 100
43 18.9 13.3 19.9
57 22.5 17.4 26.2

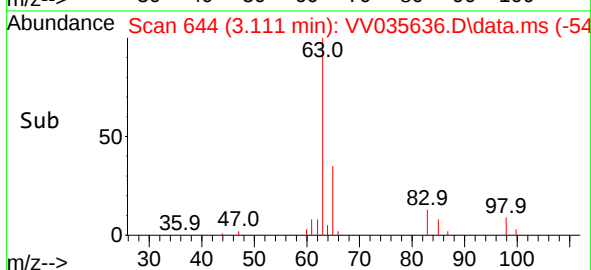
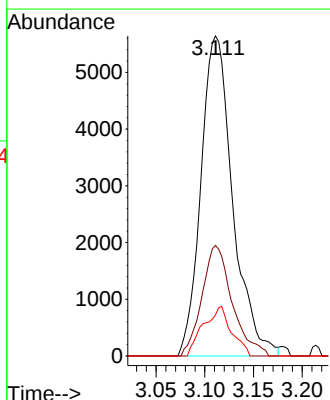
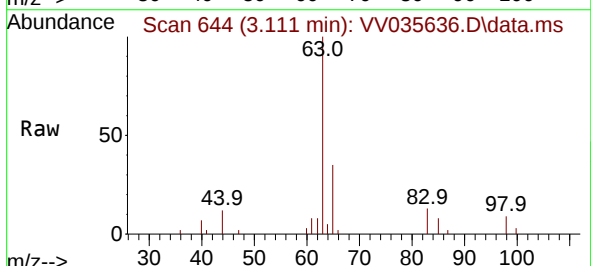
Manual Integrations
APPROVED

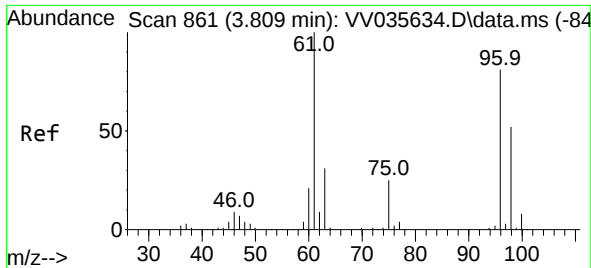
Reviewed By :Mahesh Dadoda 05/24/2024
Supervised By :Semsettin Yesilyurt 05/24/2024



#19
1,1-Dichloroethane
Concen: 0.986 ug/L
RT: 3.111 min Scan# 644
Delta R.T. 0.006 min
Lab File: VV035636.D
Acq: 21 May 2024 09:37

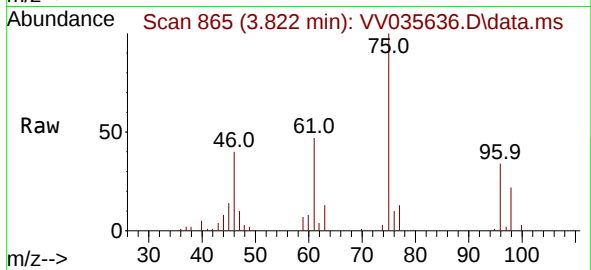
Tgt Ion: 63 Resp: 12809
Ion Ratio Lower Upper
63 100
65 34.6 22.7 42.3
83 12.9 9.7 17.9





#20
cis-1,2-Dichloroethene
Concen: 0.911 ug/L m
RT: 3.822 min Scan# 80
Delta R.T. 0.013 min
Lab File: VV035636.D
Acq: 21 May 2024 09:37

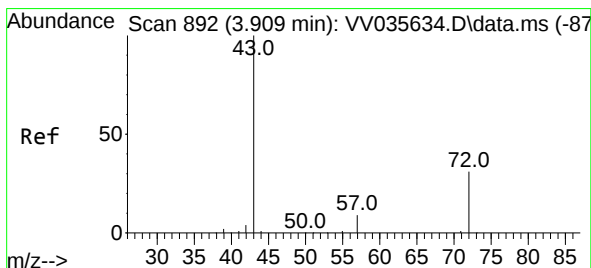
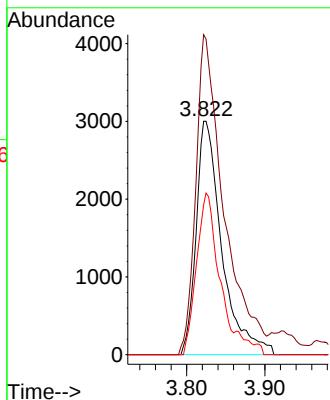
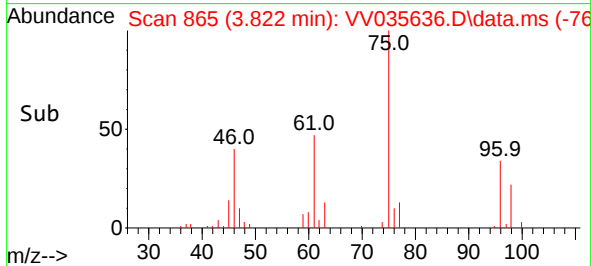
Instrument :
MSVOA_V
ClientSampleId :
MDL-SOIL-QT2-2024-04



Tgt Ion: 96 Resp: 684
Ion Ratio Lower Upper
96 100
61 137.0 83.9 155.9
98 64.2 44.0 81.8

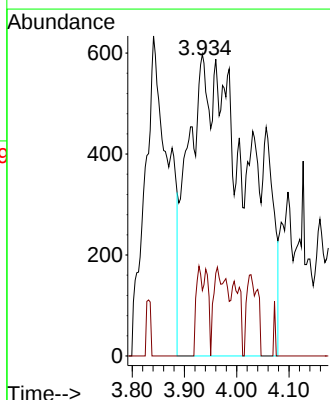
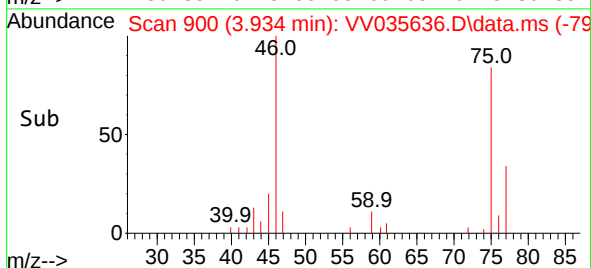
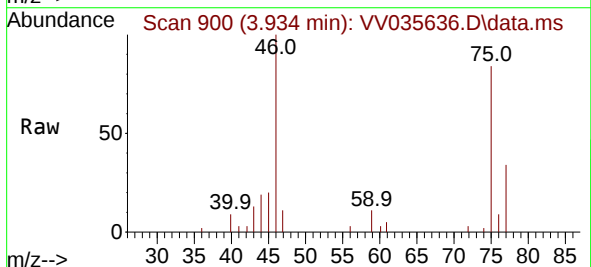
Manual Integrations
APPROVED

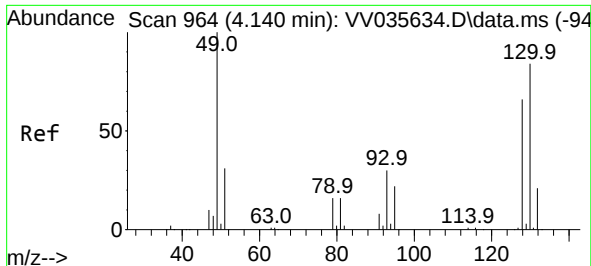
Reviewed By :Mahesh Dadoda 05/24/2024
Supervised By :Semsettin Yesilyurt 05/24/2024



#22
2-Butanone
Concen: 2.066 ug/L m
RT: 3.934 min Scan# 900
Delta R.T. 0.026 min
Lab File: VV035636.D
Acq: 21 May 2024 09:37

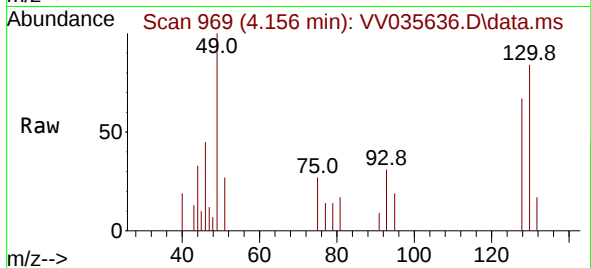
Tgt Ion: 43 Resp: 4901
Ion Ratio Lower Upper
43 100
72 2.9 12.3 36.9#





#23
Bromochloromethane
Concen: 1.010 ug/L m
RT: 4.156 min Scan# 969
Delta R.T. 0.016 min
Lab File: VV035636.D
Acq: 21 May 2024 09:37

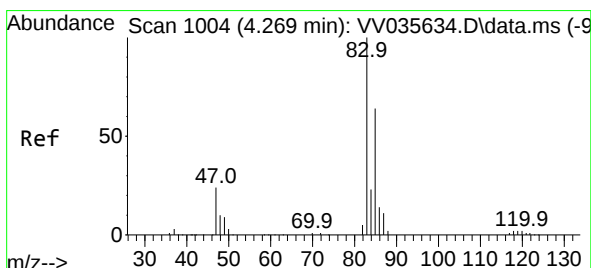
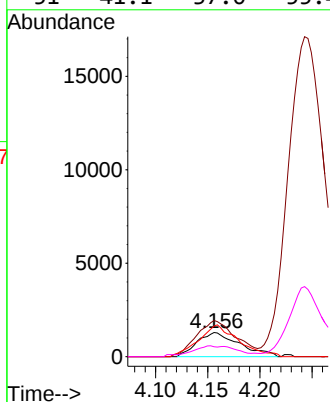
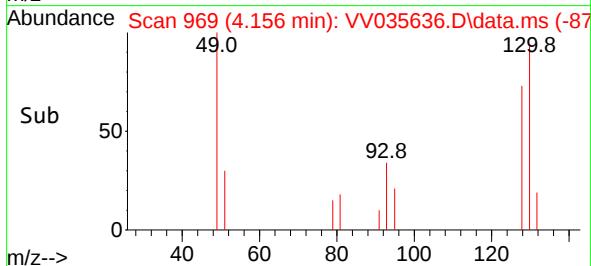
Instrument :
MSVOA_V
ClientSampleId :
MDL-SOIL-QT2-2024-04



Tgt Ion:128 Resp: 3670
Ion Ratio Lower Upper
128 100
49 149.8 103.1 191.5
130 126.5 91.8 170.4
51 41.1 37.0 55.4

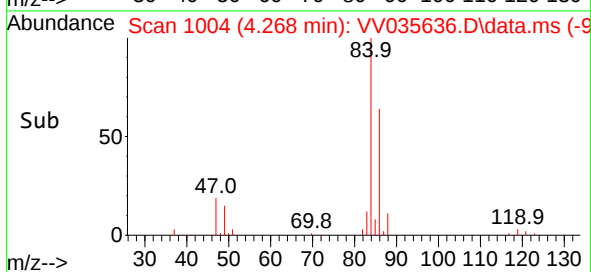
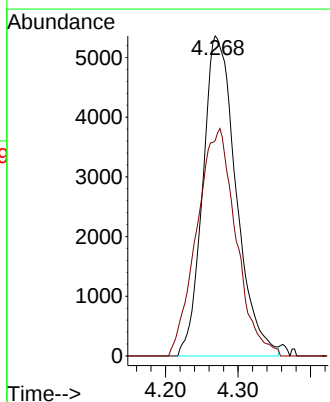
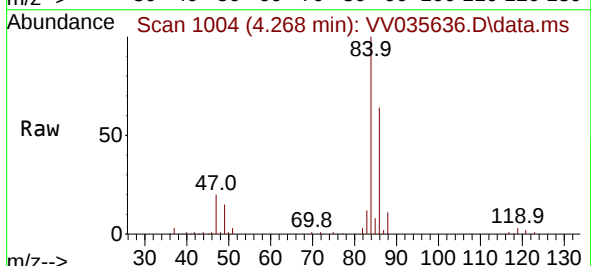
Manual Integrations
APPROVED

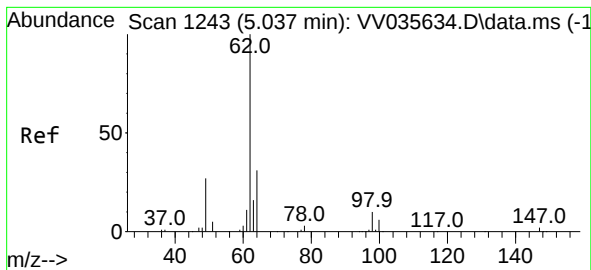
Reviewed By :Mahesh Dadoda 05/24/2024
Supervised By :Semsettin Yesilyurt 05/24/2024



#25
Chloroform
Concen: 1.275 ug/L
RT: 4.268 min Scan# 1004
Delta R.T. -0.000 min
Lab File: VV035636.D
Acq: 21 May 2024 09:37

Tgt Ion: 83 Resp: 17101
Ion Ratio Lower Upper
83 100
85 67.3 44.7 82.9





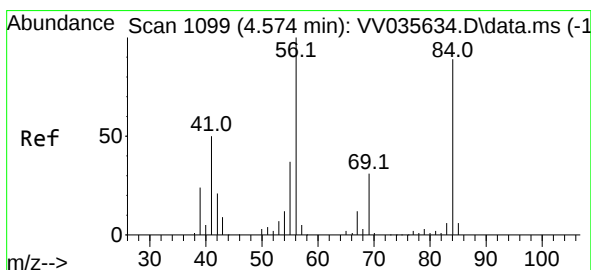
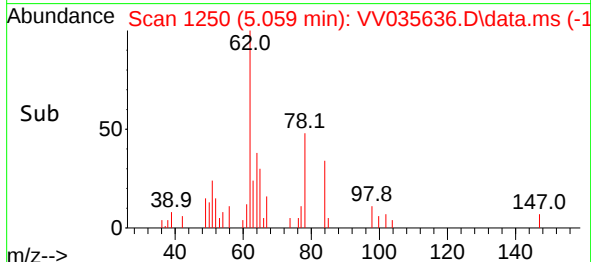
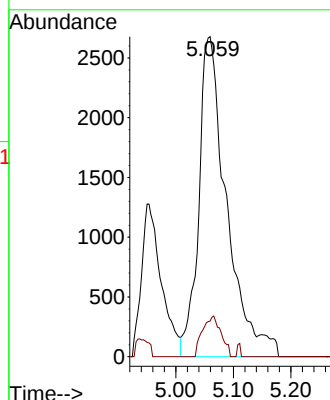
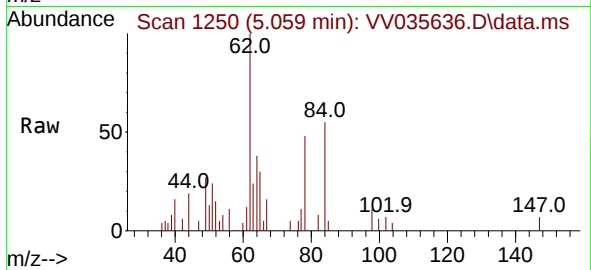
#27
1,2-Dichloroethane
Concen: 1.074 ug/L m
RT: 5.059 min Scan# 1100
Delta R.T. 0.022 min
Lab File: VV035636.D
Acq: 21 May 2024 09:37

Instrument : MSVOA_V
ClientSampleId : MDL-SOIL-QT2-2024-04

Tgt Ion: 62 Resp: 897
Ion Ratio Lower Upper
62 100
98 11.1 8.2 12.2

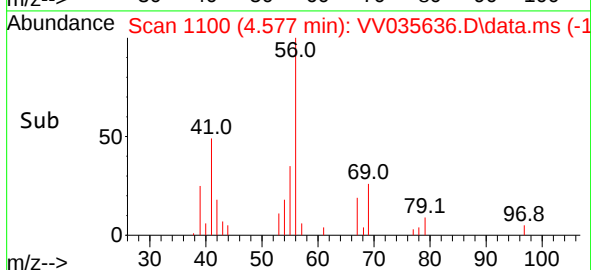
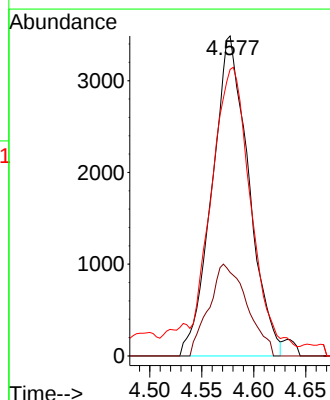
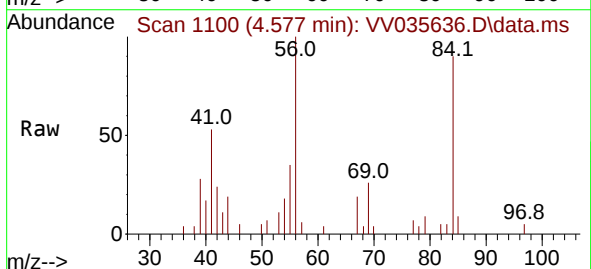
Manual Integrations
APPROVED

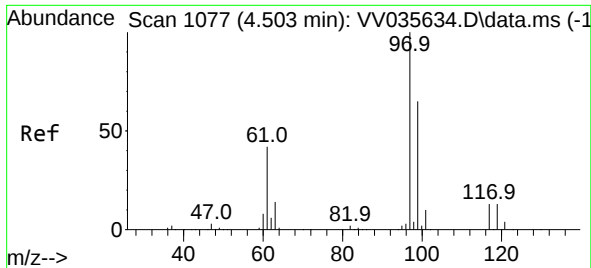
Reviewed By :Mahesh Dadoda 05/24/2024
Supervised By :Semsettin Yesilyurt 05/24/2024



#29
Cyclohexane
Concen: 0.866 ug/L
RT: 4.577 min Scan# 1100
Delta R.T. 0.003 min
Lab File: VV035636.D
Acq: 21 May 2024 09:37

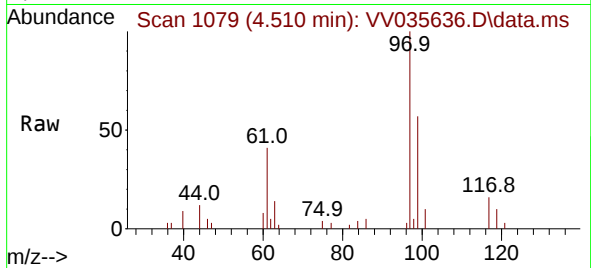
Tgt Ion: 56 Resp: 8520
Ion Ratio Lower Upper
56 100
69 29.9 25.6 38.4
84 85.1 74.8 112.2





#30
1,1,1-Trichloroethane
Concen: 1.003 ug/L
RT: 4.510 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VV035636.D
Acq: 21 May 2024 09:37

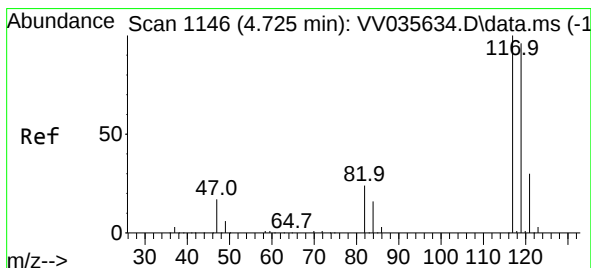
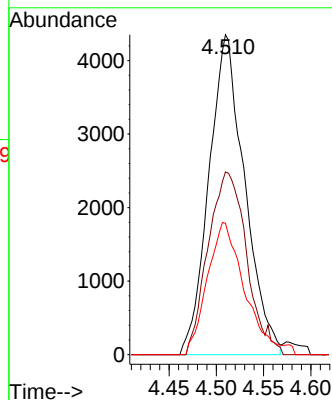
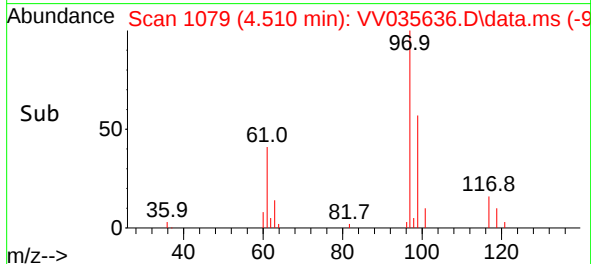
Instrument :
MSVOA_V
ClientSampleId :
MDL-SOIL-QT2-2024-04



Tgt Ion: 97 Resp: 1143
Ion Ratio Lower Upper
97 100
99 59.9 51.7 77.5
61 42.8 33.5 50.3

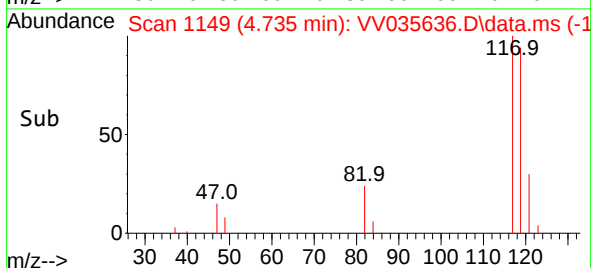
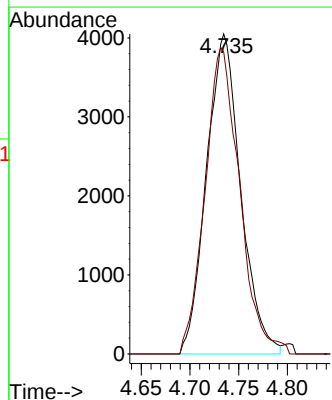
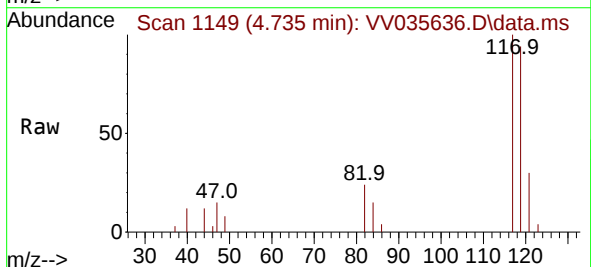
Manual Integrations
APPROVED

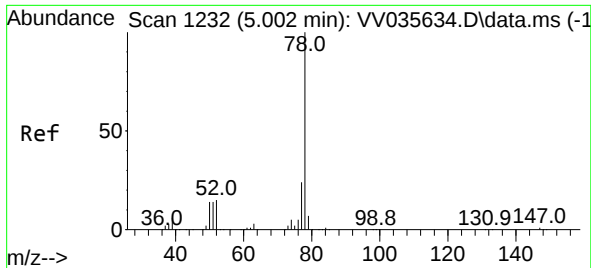
Reviewed By :Mahesh Dadoda 05/24/2024
Supervised By :Semsettin Yesilyurt 05/24/2024



#31
Carbon tetrachloride
Concen: 0.988 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. 0.009 min
Lab File: VV035636.D
Acq: 21 May 2024 09:37

Tgt Ion:117 Resp: 9885
Ion Ratio Lower Upper
117 100
119 97.0 77.3 115.9





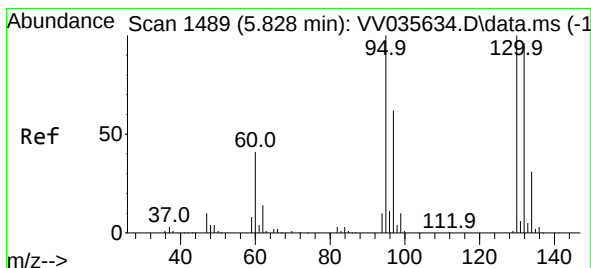
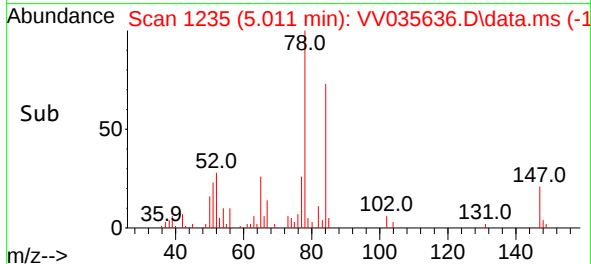
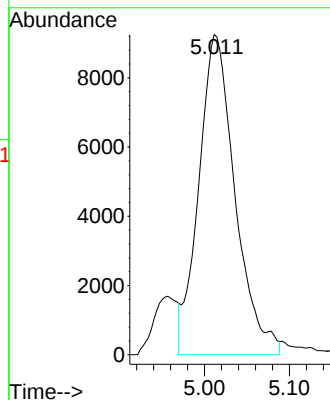
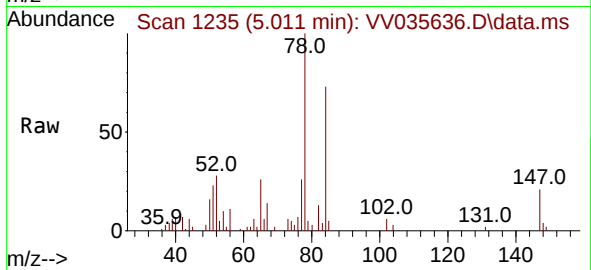
#33
Benzene
Concen: 1.008 ug/L m
RT: 5.011 min Scan# 1235
Delta R.T. 0.009 min
Lab File: VV035636.D
Acq: 21 May 2024 09:37

Instrument :
MSVOA_V
ClientSampleId :
MDL-SOIL-QT2-2024-04

Tgt Ion: 78 Resp: 2744

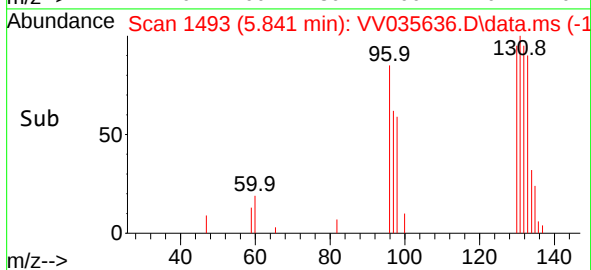
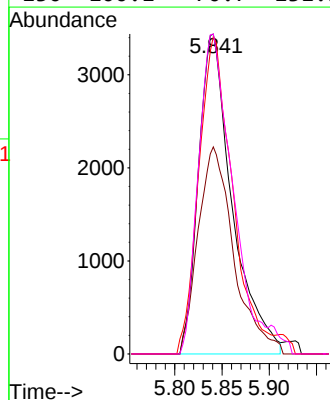
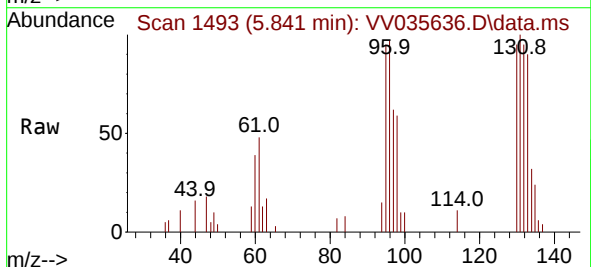
Manual Integrations
APPROVED

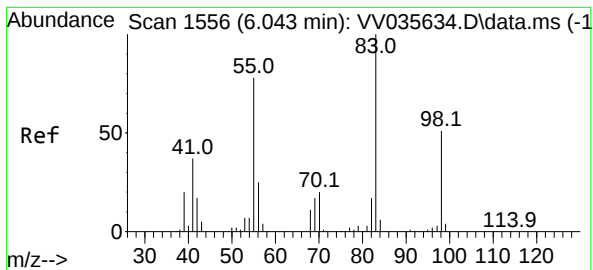
Reviewed By :Mahesh Dadoda 05/24/2024
Supervised By :Semsettin Yesilyurt 05/24/2024



#34
Trichloroethene
Concen: 1.105 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. 0.013 min
Lab File: VV035636.D
Acq: 21 May 2024 09:37

Tgt Ion: 95 Resp: 8507
Ion Ratio Lower Upper
95 100
97 64.7 43.8 81.4
132 99.2 67.1 124.7
130 100.1 70.7 131.3





#35

Methylcyclohexane

Concen: 0.914 ug/L m

RT: 6.040 min Scan# 1556

Delta R.T. -0.003 min

Lab File: VV035636.D

Acq: 21 May 2024 09:37

Instrument :

MSVOA_V

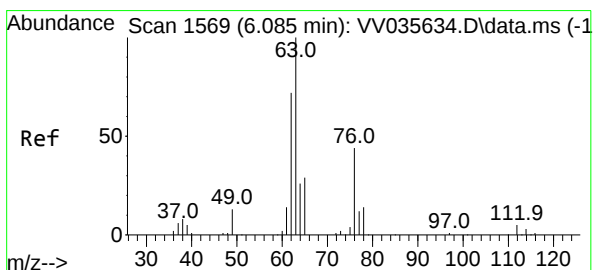
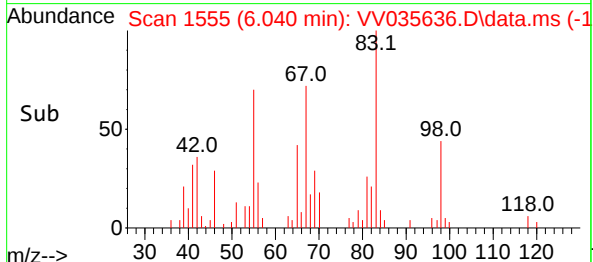
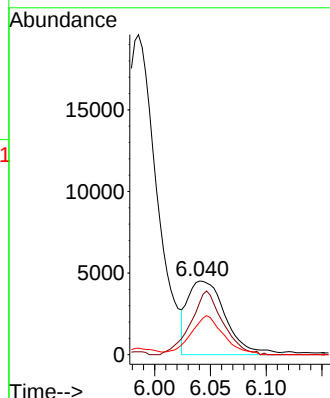
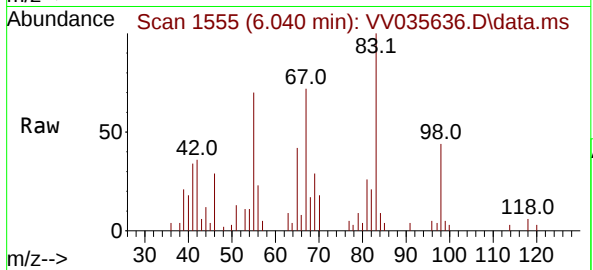
ClientSampleId :

MDL-SOIL-QT2-2024-04

Tgt Ion: 83	Resp: 1068
Ion Ratio	Lower Upper
83	100
55	72.4 57.5 86.3
98	45.9 38.6 58.0

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 05/24/2024
Supervised By :Semsettin Yesilyurt 05/24/2024



#37

1,2-Dichloropropane

Concen: 1.070 ug/L m

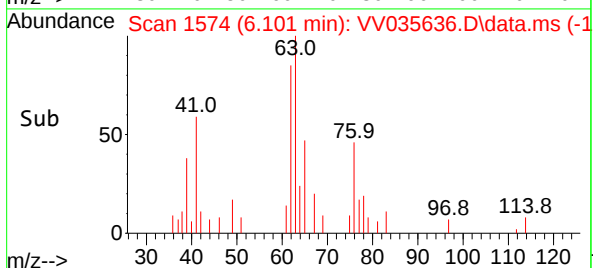
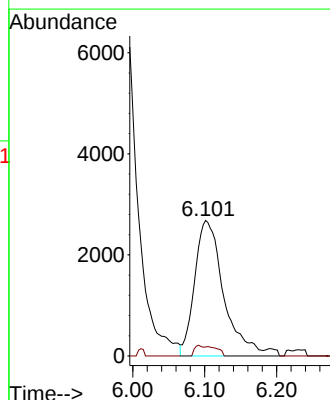
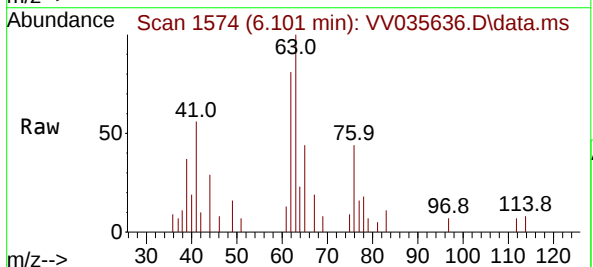
RT: 6.101 min Scan# 1574

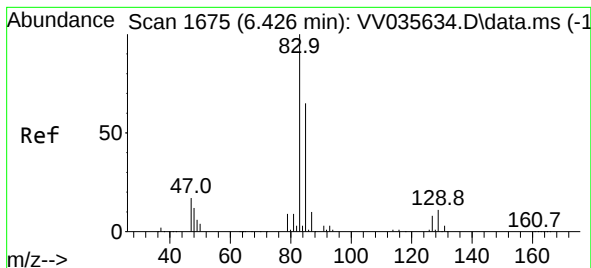
Delta R.T. 0.016 min

Lab File: VV035636.D

Acq: 21 May 2024 09:37

Tgt Ion: 63	Resp: 7595
Ion Ratio	Lower Upper
63	100
112	2.3 3.8 5.6





#38

Bromodichloromethane

Concen: 0.982 ug/L

RT: 6.439 min Scan# 1

Delta R.T. 0.013 min

Lab File: VV035636.D

Acq: 21 May 2024 09:37

Instrument :

MSVOA_V

ClientSampleId :

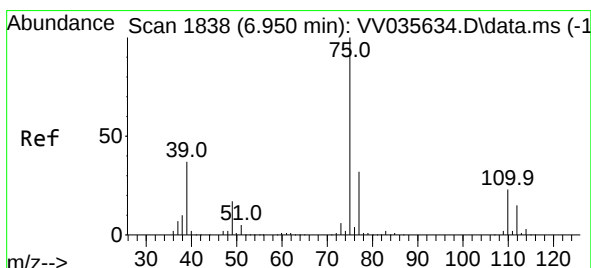
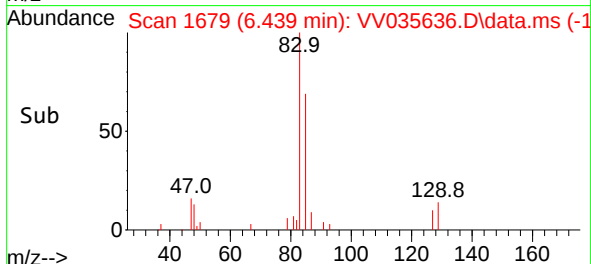
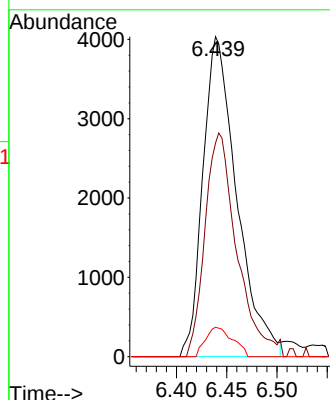
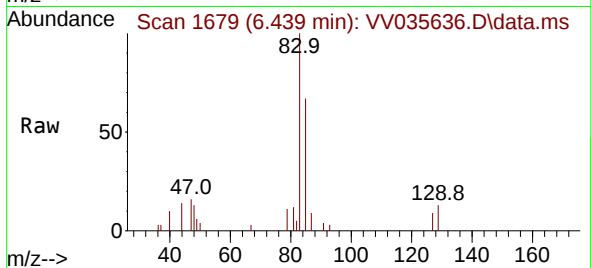
MDL-SOIL-QT2-2024-04

Tgt Ion:	83	Resp:	944
Ion Ratio	Lower	Upper	
83	100		
85	66.8	45.1	83.9
127	9.2	7.0	10.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/24/2024
Supervised By :Semsettin Yesilyurt 05/24/2024



#39

cis-1,3-Dichloropropene

Concen: 0.964 ug/L m

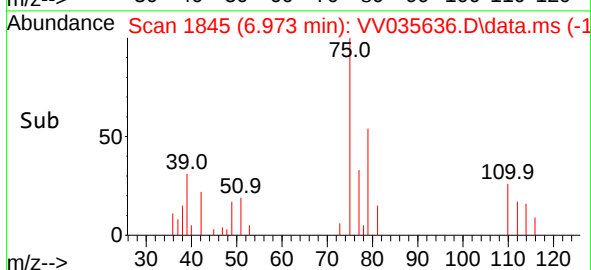
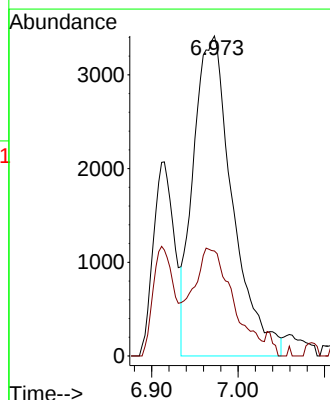
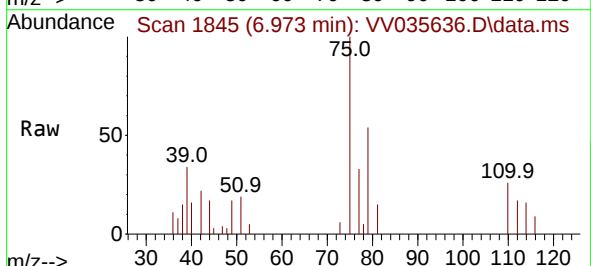
RT: 6.973 min Scan# 1845

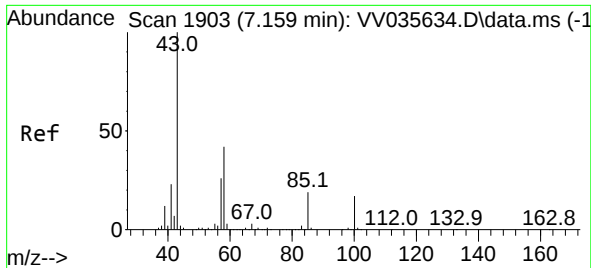
Delta R.T. 0.022 min

Lab File: VV035636.D

Acq: 21 May 2024 09:37

Tgt Ion:	75	Resp:	10709
Ion Ratio	Lower	Upper	
75	100		
77	32.8	22.5	41.9





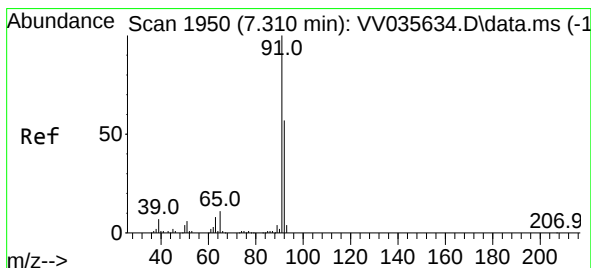
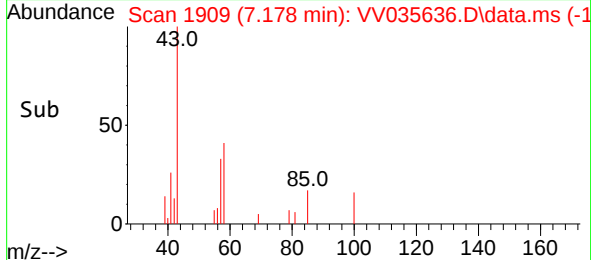
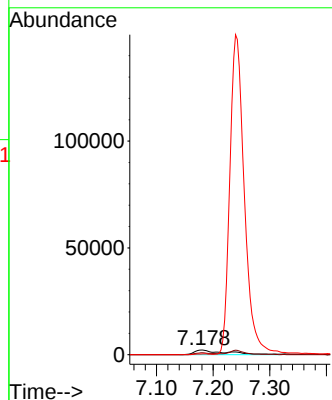
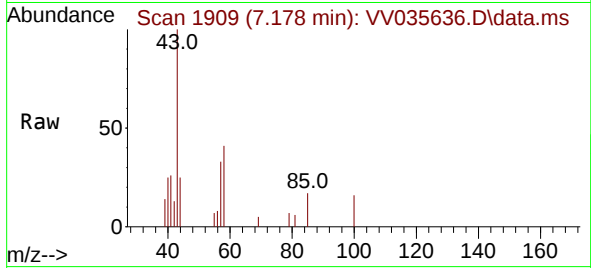
#40
4-Methyl-2-pentanone
Concen: 2.051 ug/L m
RT: 7.178 min Scan# 1909
Delta R.T. 0.019 min
Lab File: VV035636.D
Acq: 21 May 2024 09:37

Instrument :
MSVOA_V
ClientSampleId :
MDL-SOIL-QT2-2024-04

Tgt Ion: 43 Resp: 8724
Ion Ratio Lower Upper
43 100
58 24.3 34.8 52.2
100 7.6 13.9 20.9

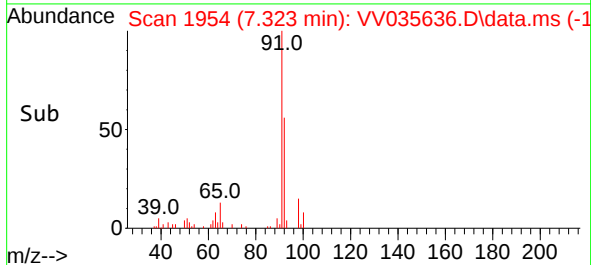
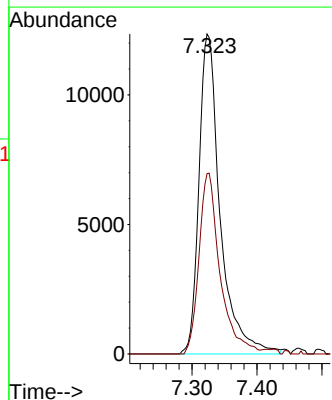
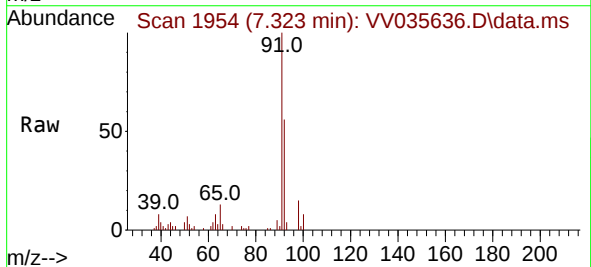
Manual Integrations
APPROVED

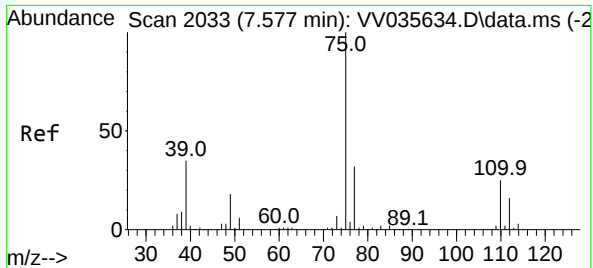
Reviewed By :Mahesh Dadoda 05/24/2024
Supervised By :Semsettin Yesilyurt 05/24/2024



#42
Toluene
Concen: 0.972 ug/L
RT: 7.323 min Scan# 1954
Delta R.T. 0.013 min
Lab File: VV035636.D
Acq: 21 May 2024 09:37

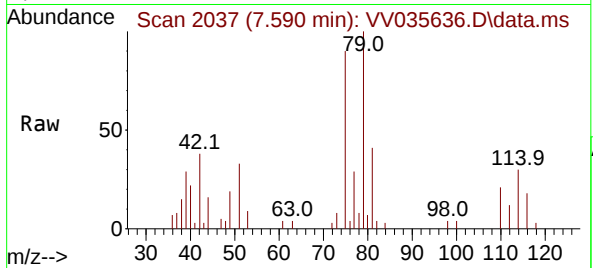
Tgt Ion: 91 Resp: 28006
Ion Ratio Lower Upper
91 100
92 56.3 40.2 74.6





#44
trans-1,3-Dichloropropene
Concen: 1.077 ug/L m
RT: 7.590 min Scan# 2037
Delta R.T. 0.013 min
Lab File: VV035636.D
Acq: 21 May 2024 09:37

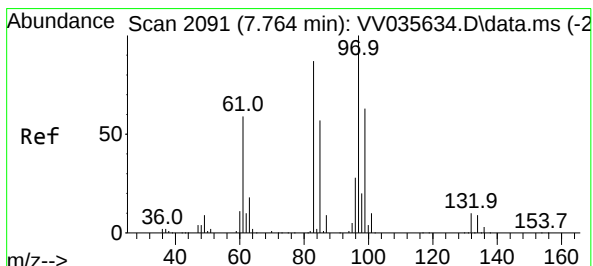
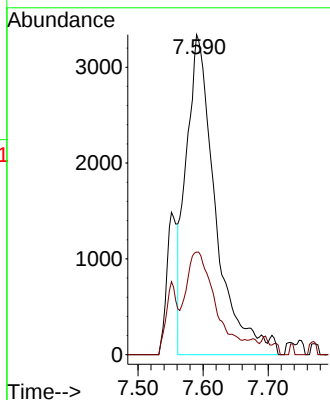
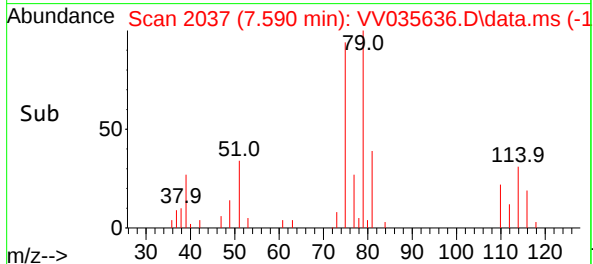
Instrument :
MSVOA_V
ClientSampleId :
MDL-SOIL-QT2-2024-04



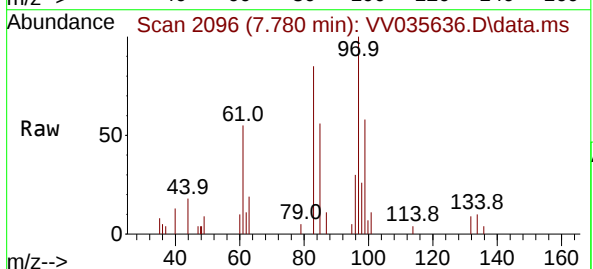
Tgt Ion: 75 Resp: 1046
Ion Ratio Lower Upper
75 100
77 32.1 22.4 41.6

Manual Integrations
APPROVED

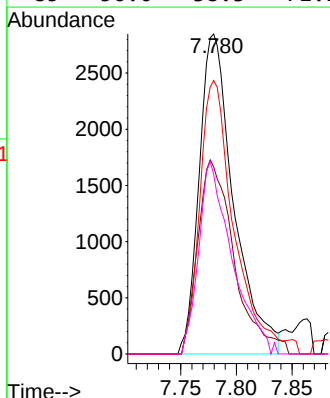
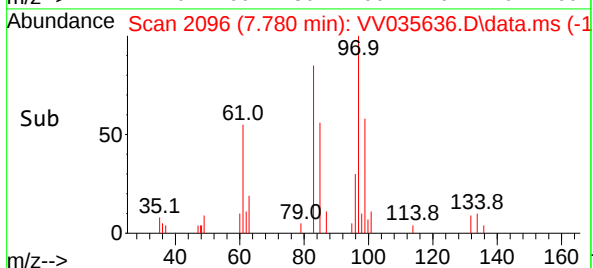
Reviewed By :Mahesh Dadoda 05/24/2024
Supervised By :Semsettin Yesilyurt 05/24/2024

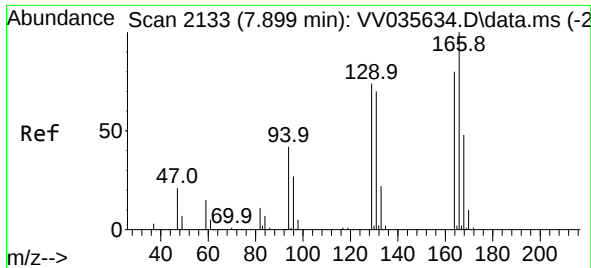


#45
1,1,2-Trichloroethane
Concen: 1.019 ug/L
RT: 7.780 min Scan# 2096
Delta R.T. 0.016 min
Lab File: VV035636.D
Acq: 21 May 2024 09:37



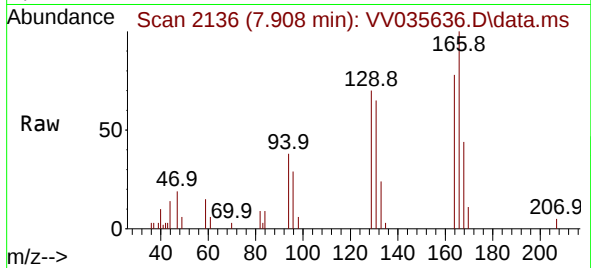
Tgt Ion: 97 Resp: 6150
Ion Ratio Lower Upper
97 100
99 58.5 43.3 80.3
83 85.5 60.3 111.9
85 56.0 38.3 71.1





#46
Tetrachloroethene
Concen: 1.009 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. 0.009 min
Lab File: VV035636.D
Acq: 21 May 2024 09:37

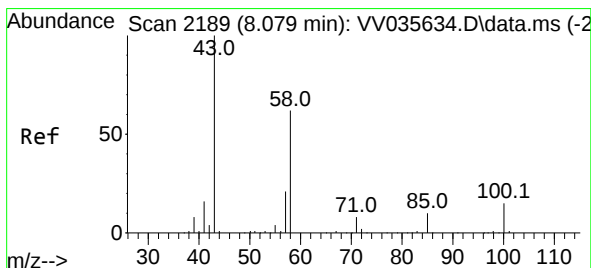
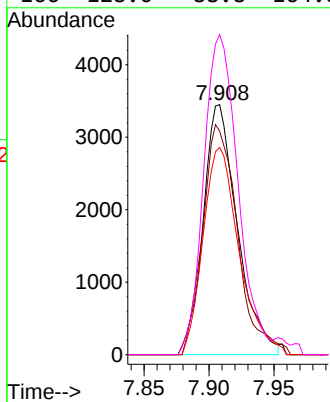
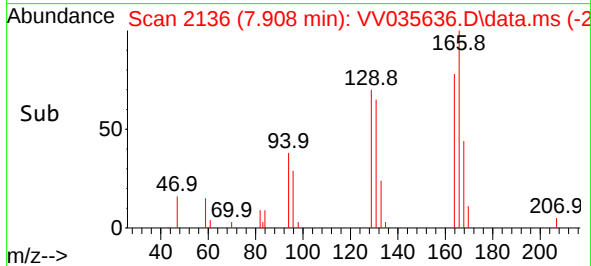
Instrument :
MSVOA_V
ClientSampleId :
MDL-SOIL-QT2-2024-04



Tgt Ion	Ratio	Lower	Upper
164	100		
129	89.4	63.4	117.8
131	82.9	61.0	113.4
166	128.0	88.8	164.8

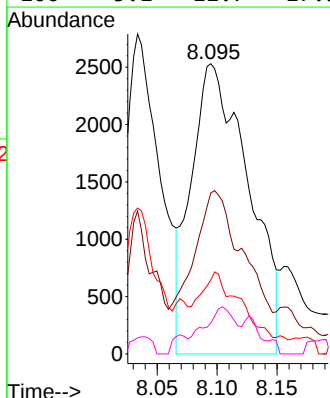
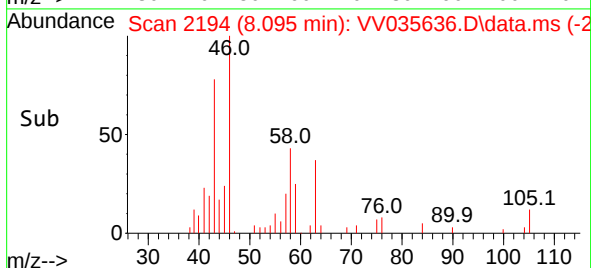
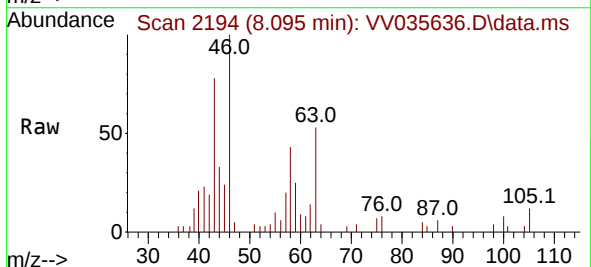
Manual Integrations
APPROVED

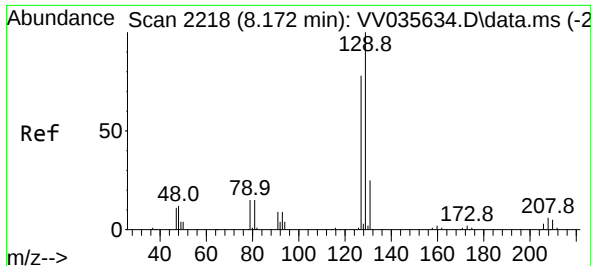
Reviewed By :Mahesh Dadoda 05/24/2024
Supervised By :Semsettin Yesilyurt 05/24/2024



#48
2-Hexanone
Concen: 2.640 ug/L m
RT: 8.095 min Scan# 2194
Delta R.T. 0.016 min
Lab File: VV035636.D
Acq: 21 May 2024 09:37

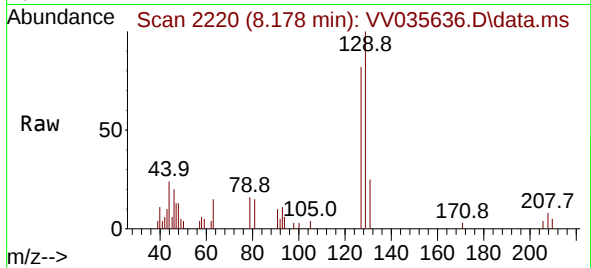
Tgt Ion	Ratio	Lower	Upper
43	100		
58	24.0	48.8	73.2#
57	4.2	16.9	25.3#
100	5.1	11.7	17.5#





#49
Dibromochloromethane
Concen: 1.007 ug/L
RT: 8.178 min Scan# 2218
Delta R.T. 0.006 min
Lab File: VV035636.D
Acq: 21 May 2024 09:37

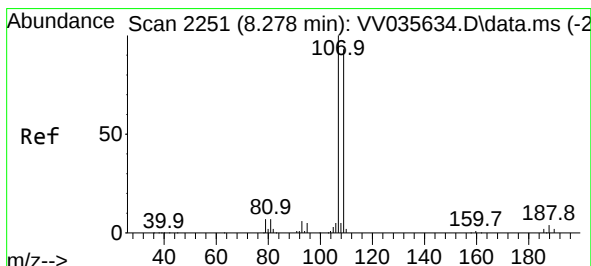
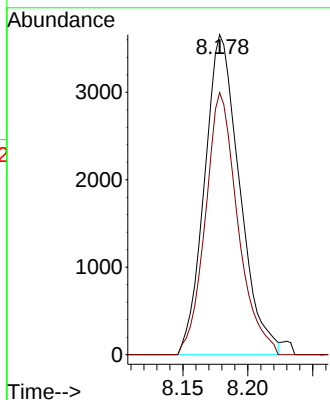
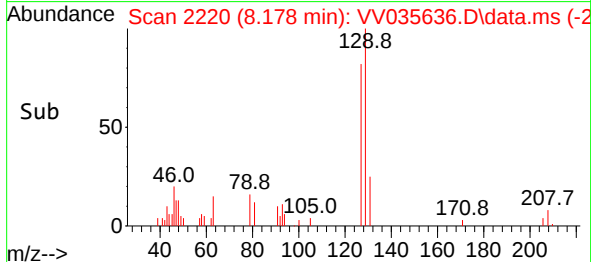
Instrument :
MSVOA_V
ClientSampleId :
MDL-SOIL-QT2-2024-04



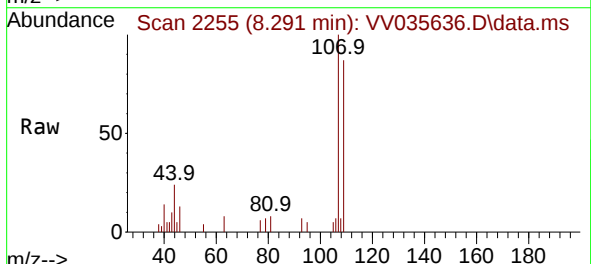
Tgt Ion:129 Resp: 6850
Ion Ratio Lower Upper
129 100
127 81.9 53.8 99.8

Manual Integrations
APPROVED

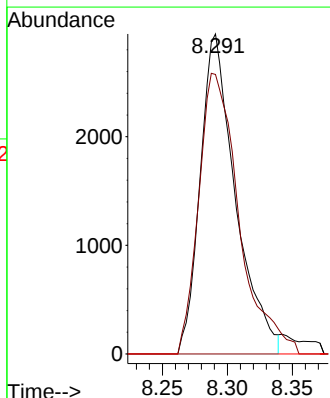
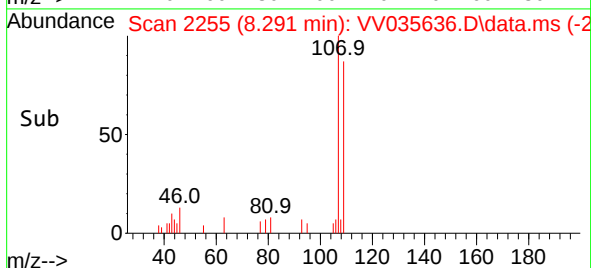
Reviewed By :Mahesh Dadoda 05/24/2024
Supervised By :Semsettin Yesilyurt 05/24/2024

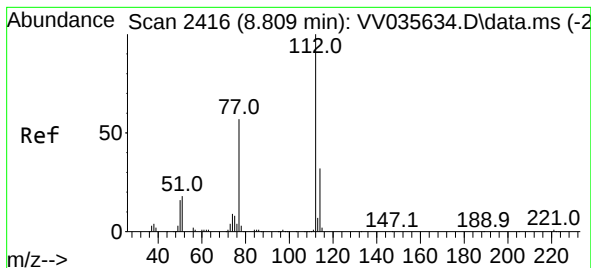


#50
1,2-Dibromoethane
Concen: 0.939 ug/L
RT: 8.291 min Scan# 2255
Delta R.T. 0.013 min
Lab File: VV035636.D
Acq: 21 May 2024 09:37



Tgt Ion:107 Resp: 5581
Ion Ratio Lower Upper
107 100
109 87.4 65.4 121.4
188 0.0 2.9 4.3





#51

Chlorobenzene

Concen: 1.028 ug/L

RT: 8.815 min Scan# 2416

Delta R.T. 0.006 min

Lab File: VV035636.D

Acq: 21 May 2024 09:37

Instrument :

MSVOA_V

ClientSampleId :

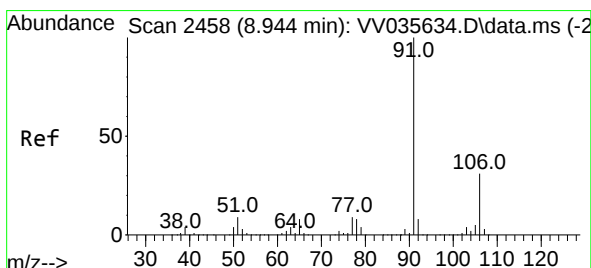
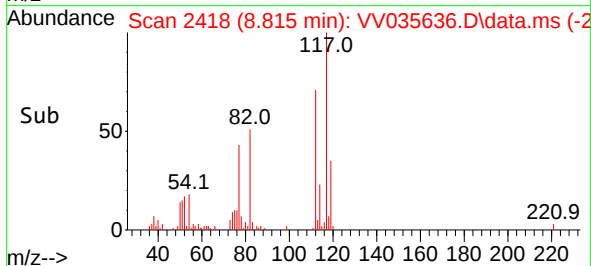
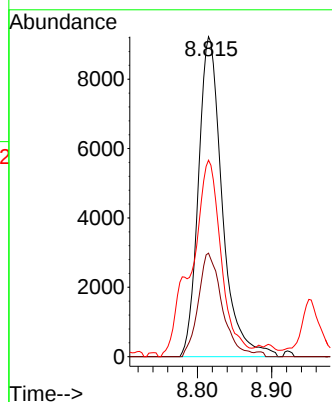
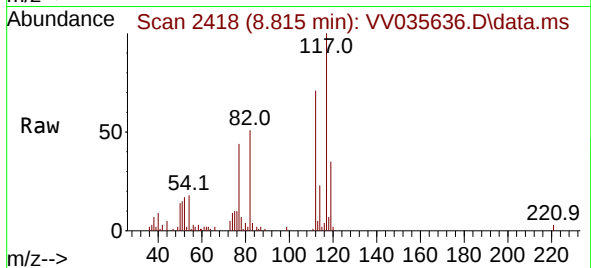
MDL-SOIL-QT2-2024-04

Tgt Ion:	112	Resp:	2054
Ion Ratio	Lower	Upper	
112	100		
114	32.4	22.5	41.7
77	61.4	46.6	69.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/24/2024
Supervised By :Semsettin Yesilyurt 05/24/2024



#52

Ethylbenzene

Concen: 0.854 ug/L

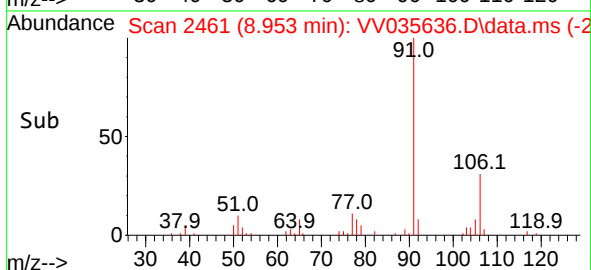
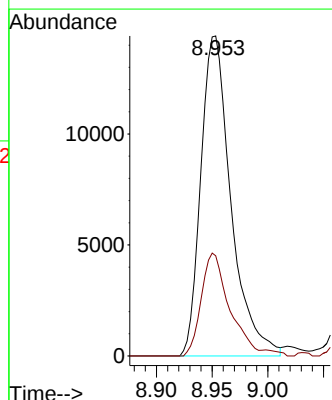
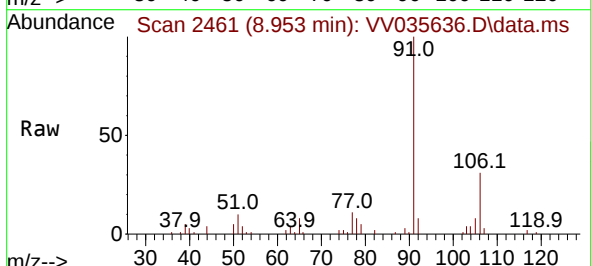
RT: 8.953 min Scan# 2461

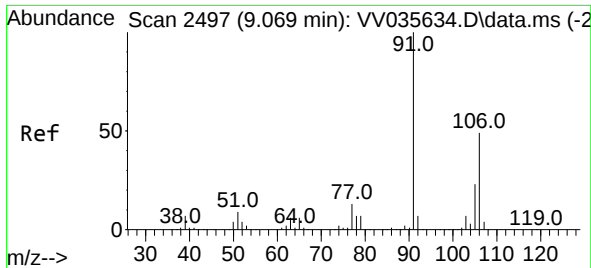
Delta R.T. 0.009 min

Lab File: VV035636.D

Acq: 21 May 2024 09:37

Tgt Ion:	91	Resp:	27147
Ion Ratio	Lower	Upper	
91	100		
106	31.3	21.7	40.3





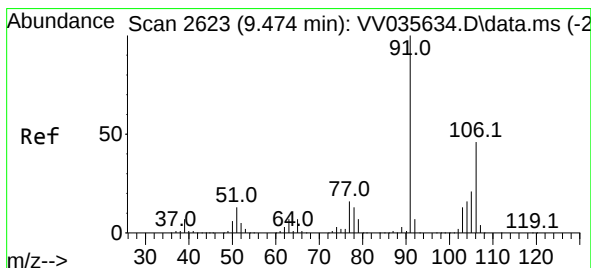
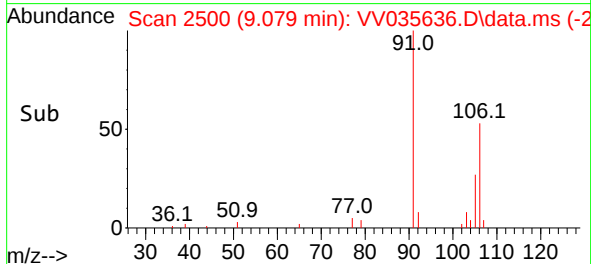
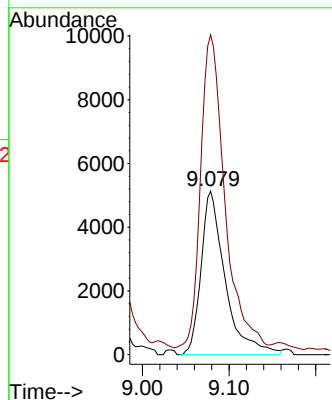
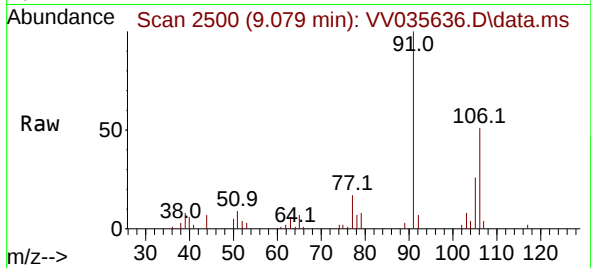
#53
m,p-Xylene
Concen: 0.822 ug/L
RT: 9.079 min Scan# 21
Delta R.T. 0.009 min
Lab File: VV035636.D
Acq: 21 May 2024 09:37

Instrument :
MSVOA_V
ClientSampleId :
MDL-SOIL-QT2-2024-04

Tgt Ion:106 Resp: 992
Ion Ratio Lower Upper
106 100
91 195.7 142.7 264.9

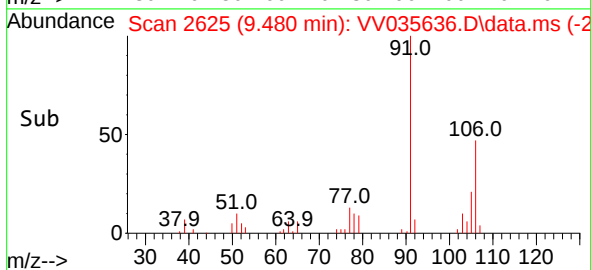
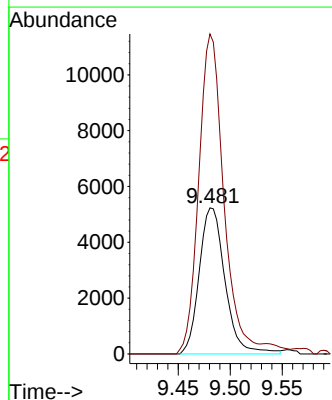
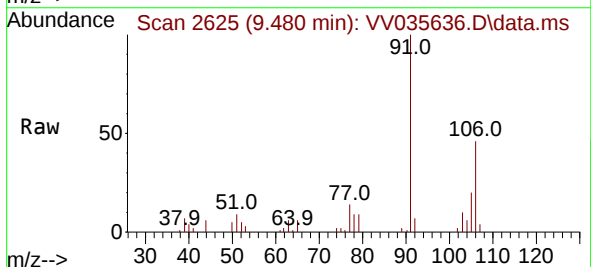
Manual Integrations
APPROVED

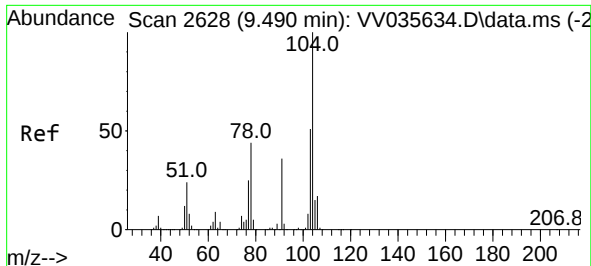
Reviewed By :Mahesh Dadoda 05/24/2024
Supervised By :Semsettin Yesilyurt 05/24/2024



#54
o-Xylene
Concen: 0.792 ug/L
RT: 9.480 min Scan# 2625
Delta R.T. 0.006 min
Lab File: VV035636.D
Acq: 21 May 2024 09:37

Tgt Ion:106 Resp: 9055
Ion Ratio Lower Upper
106 100
91 219.1 150.9 280.3





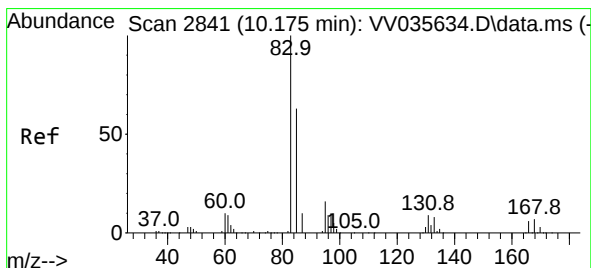
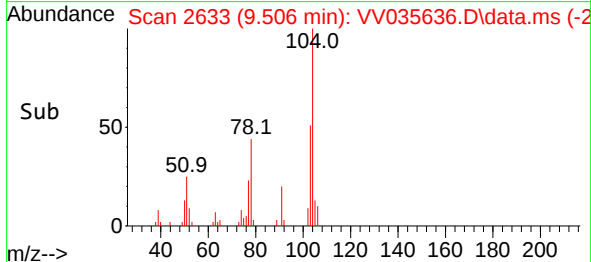
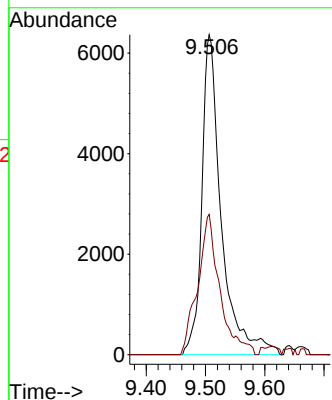
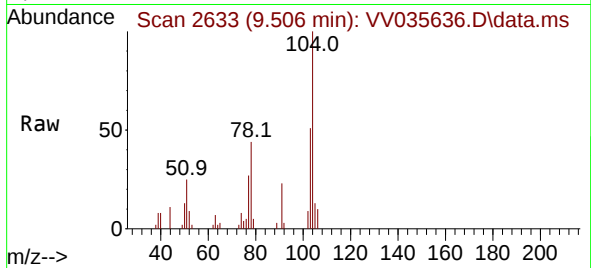
#55
Styrene
Concen: 0.728 ug/L m
RT: 9.506 min Scan# 2633
Delta R.T. 0.016 min
Lab File: VV035636.D
Acq: 21 May 2024 09:37

Instrument :
MSVOA_V
ClientSampleId :
MDL-SOIL-QT2-2024-04

Tgt Ion:104 Resp: 14514
Ion Ratio Lower Upper
104 100
78 43.9 30.0 55.6

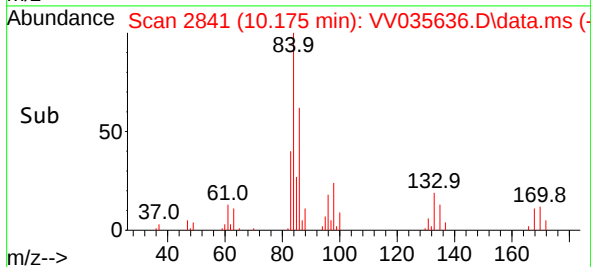
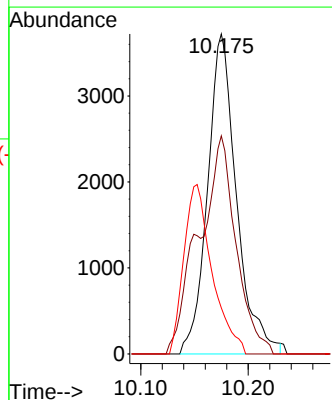
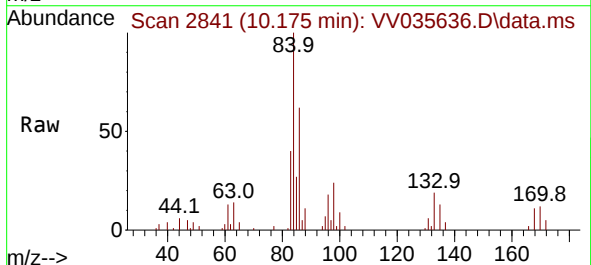
Manual Integrations
APPROVED

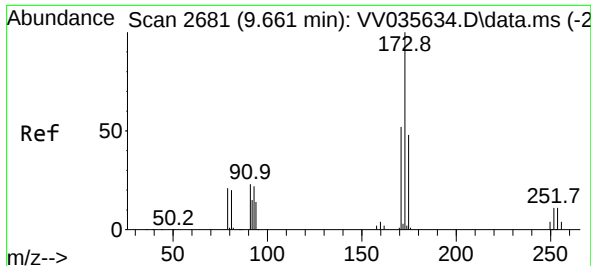
Reviewed By :Mahesh Dadoda 05/24/2024
Supervised By :Semsettin Yesilyurt 05/24/2024



#57
1,1,2,2-Tetrachloroethane
Concen: 0.946 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. -0.000 min
Lab File: VV035636.D
Acq: 21 May 2024 09:37

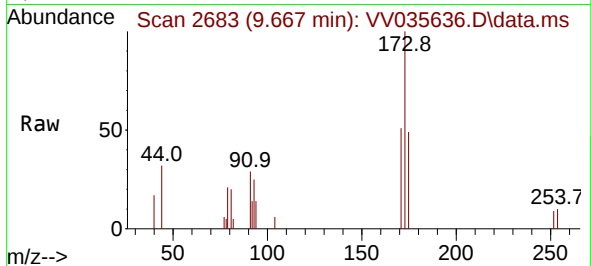
Tgt Ion: 83 Resp: 6953
Ion Ratio Lower Upper
83 100
85 68.2 44.7 83.1
131 14.4 8.0 12.0#





#59
Bromoform
Concen: 0.998 ug/L
RT: 9.667 min Scan# 20
Delta R.T. 0.006 min
Lab File: VV035636.D
Acq: 21 May 2024 09:37

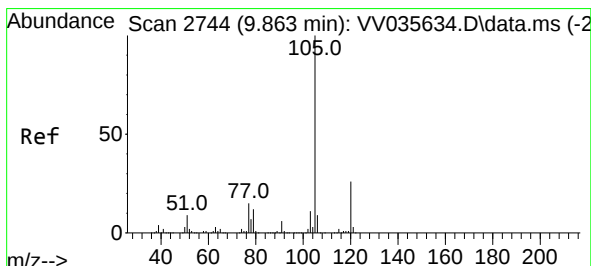
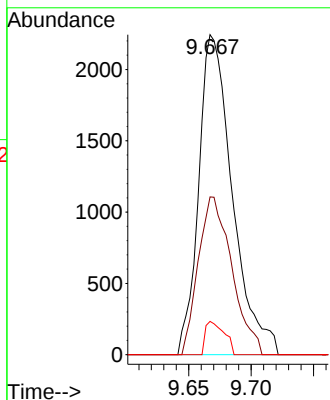
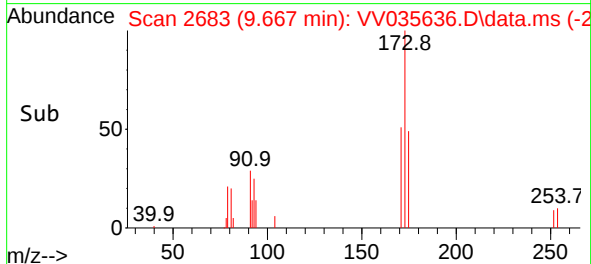
Instrument :
MSVOA_V
ClientSampleId :
MDL-SOIL-QT2-2024-04



Tgt Ion:173 Resp: 421
Ion Ratio Lower Upper
173 100
175 49.1 38.7 58.1
254 5.8 8.3 12.5

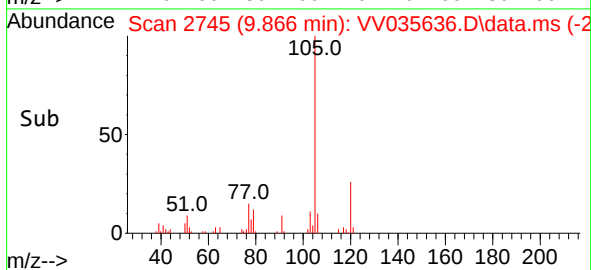
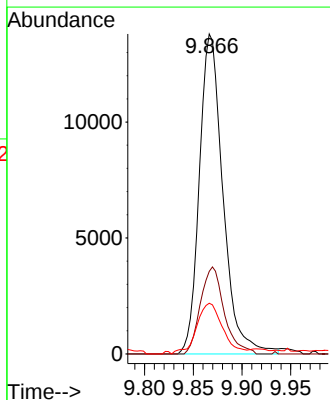
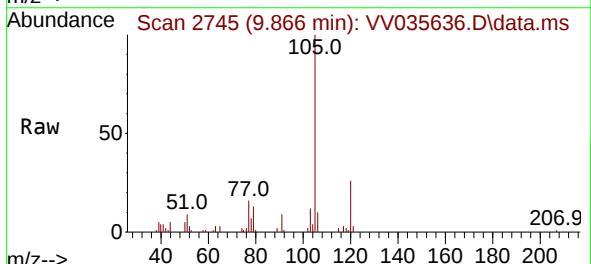
Manual Integrations
APPROVED

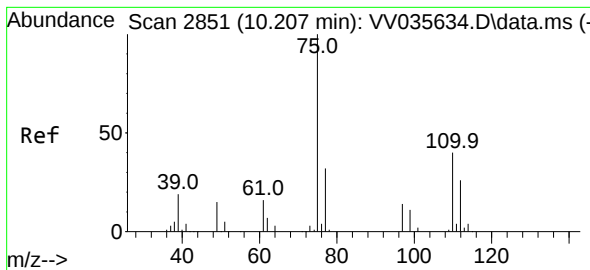
Reviewed By :Mahesh Dadoda 05/24/2024
Supervised By :Semsettin Yesilyurt 05/24/2024



#60
Isopropylbenzene
Concen: 0.814 ug/L
RT: 9.866 min Scan# 2745
Delta R.T. 0.003 min
Lab File: VV035636.D
Acq: 21 May 2024 09:37

Tgt Ion:105 Resp: 23282
Ion Ratio Lower Upper
105 100
120 27.3 21.3 31.9
77 16.0 12.2 18.2





#61

1,2,3-Trichloropropane

Concen: 1.112 ug/L

RT: 10.210 min Scan# 2851

Delta R.T. 0.003 min

Lab File: VV035636.D

Acq: 21 May 2024 09:37

Instrument :

MSVOA_V

ClientSampleId :

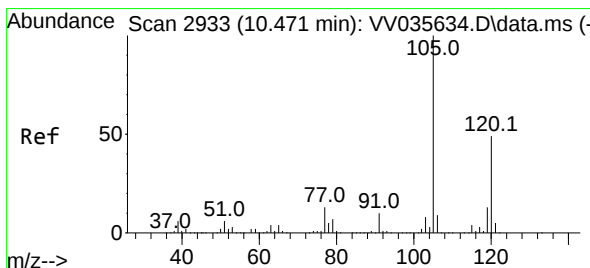
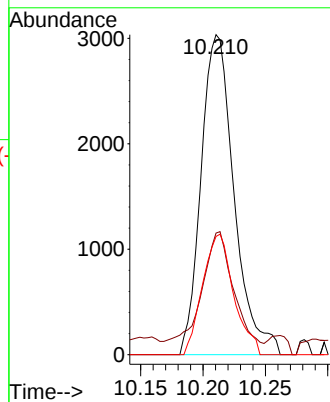
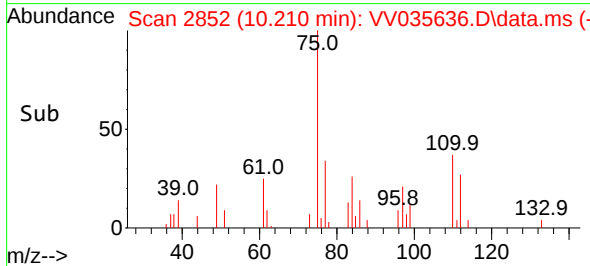
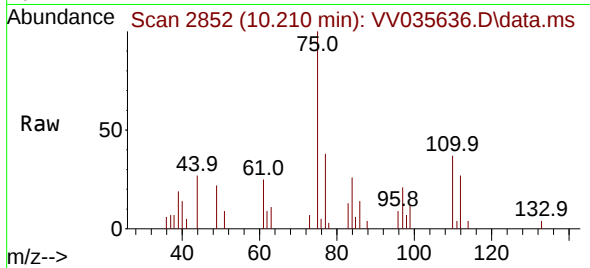
MDL-SOIL-QT2-2024-04

Tgt Ion: 75	Resp: 5598
Ion Ratio	Lower Upper
75 100	
77 34.9	25.7 38.5
110 35.5	31.8 47.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/24/2024
Supervised By :Semsettin Yesilyurt 05/24/2024



#62

1,3,5-Trimethylbenzene

Concen: 0.747 ug/L

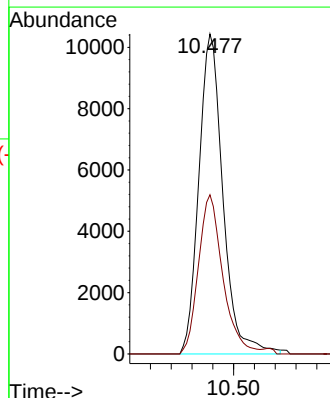
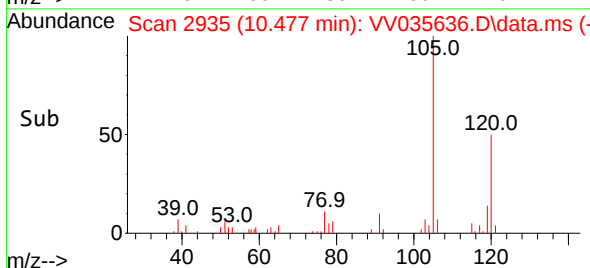
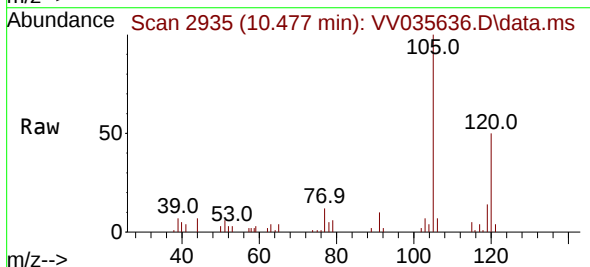
RT: 10.477 min Scan# 2935

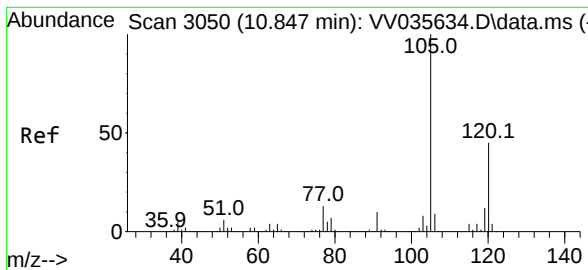
Delta R.T. 0.006 min

Lab File: VV035636.D

Acq: 21 May 2024 09:37

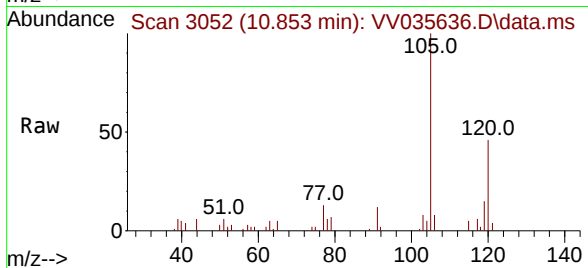
Tgt Ion:105	Resp: 16769
Ion Ratio	Lower Upper
105 100	
120 50.4	39.4 59.0





#63
1,2,4-Trimethylbenzene
Concen: 0.743 ug/L
RT: 10.853 min Scan# 3050
Delta R.T. 0.006 min
Lab File: VV035636.D
Acq: 21 May 2024 09:37

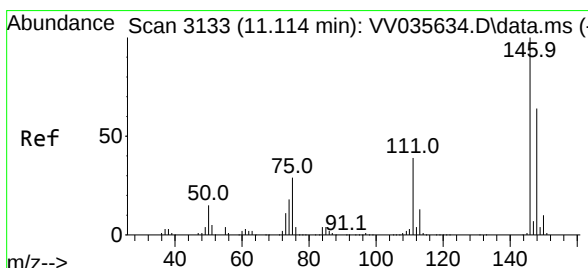
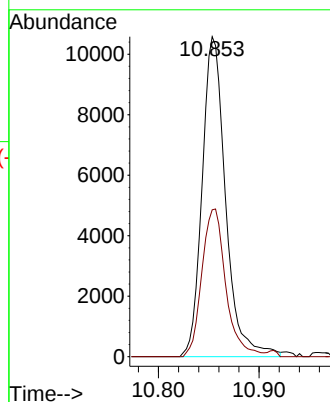
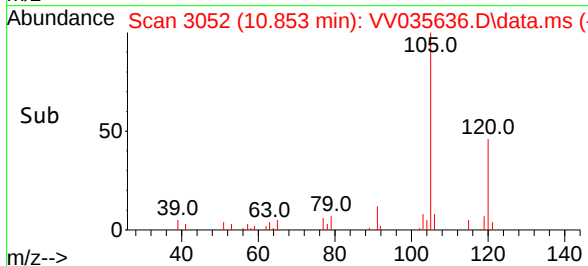
Instrument :
MSVOA_V
ClientSampleId :
MDL-SOIL-QT2-2024-04



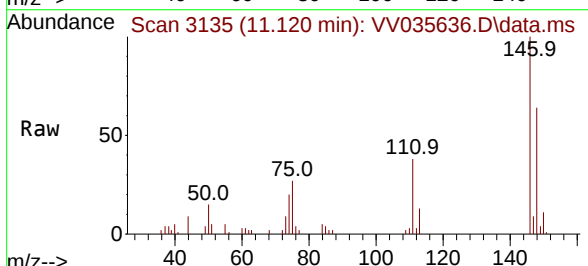
Tgt Ion:105 Resp: 17140
Ion Ratio Lower Upper
105 100
120 47.2 36.6 55.0

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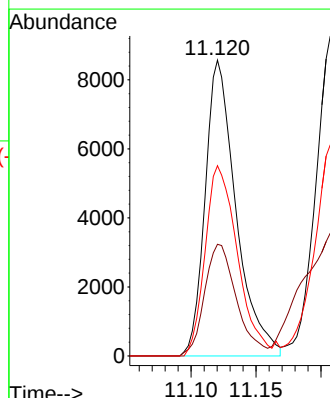
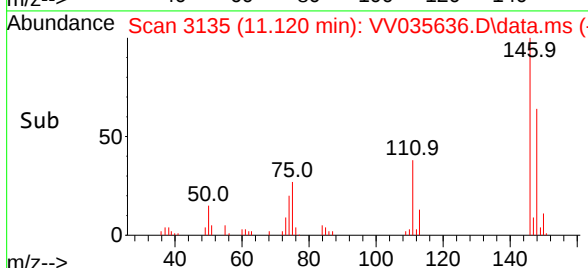
Reviewed By :Mahesh Dadoda 05/24/2024
Supervised By :Semsettin Yesilyurt 05/24/2024

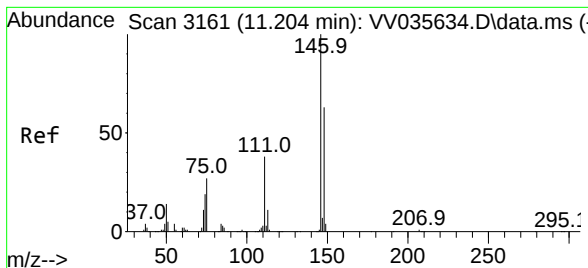


#64
1,3-Dichlorobenzene
Concen: 0.944 ug/L
RT: 11.120 min Scan# 3135
Delta R.T. 0.006 min
Lab File: VV035636.D
Acq: 21 May 2024 09:37



Tgt Ion:146 Resp: 14172
Ion Ratio Lower Upper
146 100
111 37.7 27.0 50.2
148 64.3 44.3 82.3





#65

1,4-Dichlorobenzene

Concen: 1.047 ug/L

RT: 11.210 min Scan# 3161

Delta R.T. 0.006 min

Lab File: VV035636.D

Acq: 21 May 2024 09:37

Instrument :

MSVOA_V

ClientSampleId :

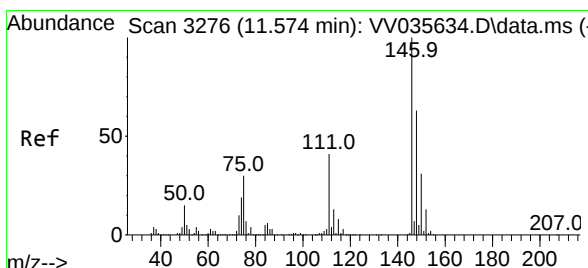
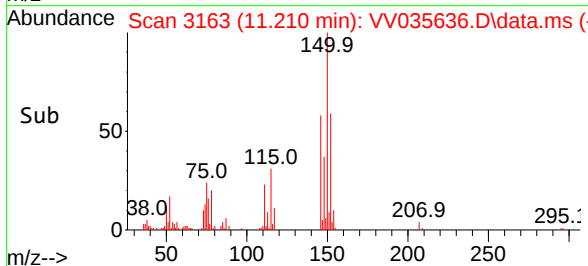
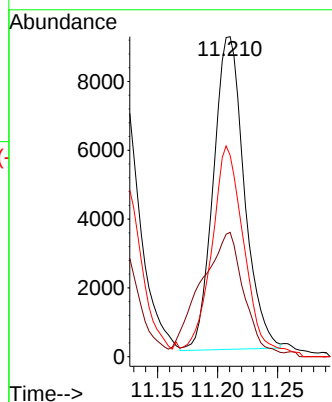
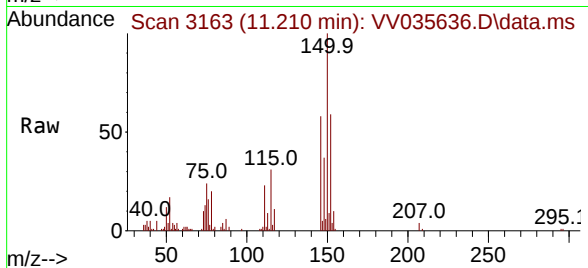
MDL-SOIL-QT2-2024-04

Tgt Ion:	146	Resp:	1627
Ion Ratio	Lower	Upper	
146	100		
111	38.8	26.2	48.6
148	63.0	44.9	83.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/24/2024
Supervised By :Semsettin Yesilyurt 05/24/2024



#67

1,2-Dichlorobenzene

Concen: 1.101 ug/L

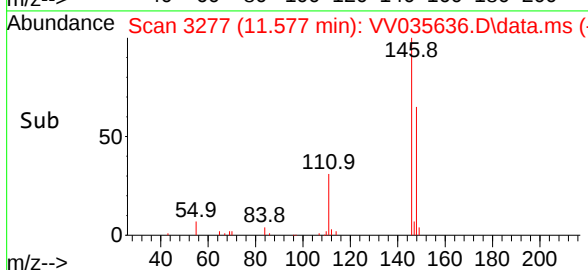
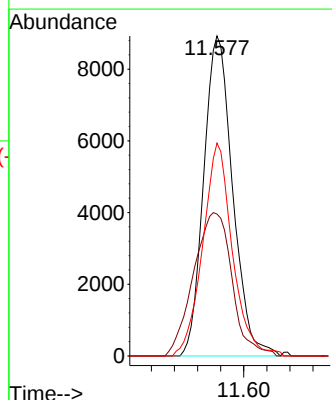
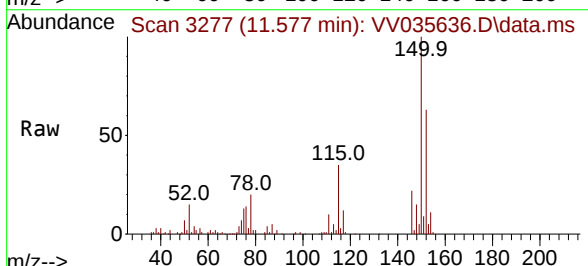
RT: 11.577 min Scan# 3277

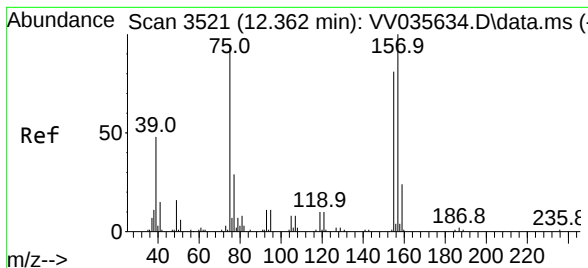
Delta R.T. 0.003 min

Lab File: VV035636.D

Acq: 21 May 2024 09:37

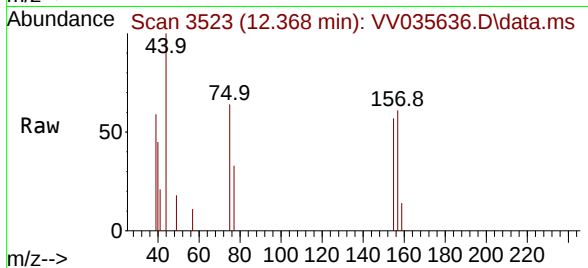
Tgt Ion:	146	Resp:	15560
Ion Ratio	Lower	Upper	
146	100		
111	44.3	32.6	48.8
148	66.5	51.1	76.7





#68
1,2-Dibromo-3-chloropropane
Concen: 1.017 ug/L
RT: 12.368 min Scan# 3521
Delta R.T. 0.006 min
Lab File: VV035636.D
Acq: 21 May 2024 09:37

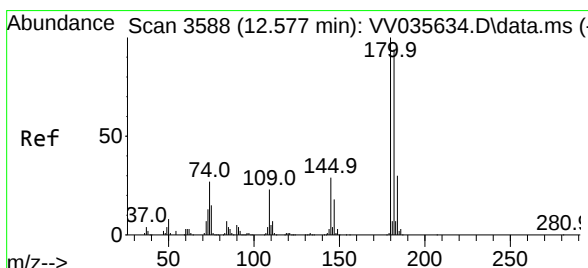
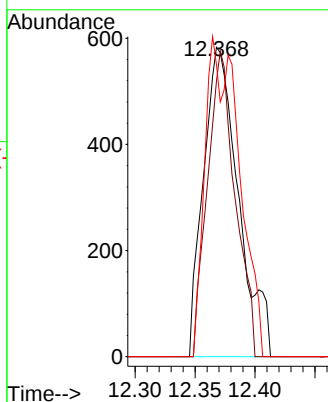
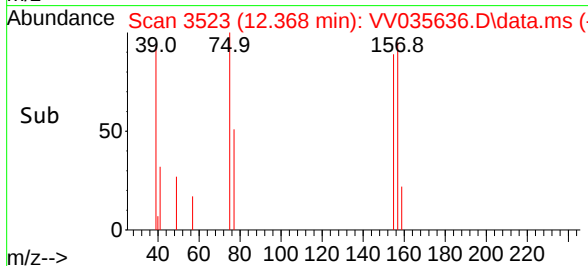
Instrument : MSVOA_V
ClientSampleId : MDL-SOIL-QT2-2024-04



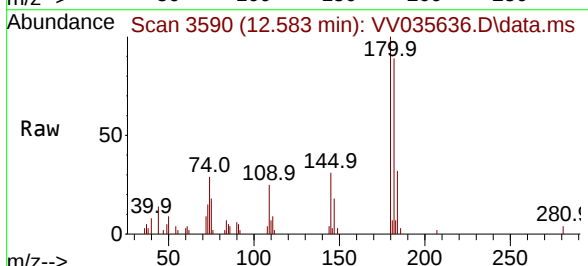
Tgt Ion: 75 Resp: 118
Ion Ratio Lower Upper
75 100
155 89.0 69.8 104.6
157 94.5 95.0 142.6

Manual Integrations
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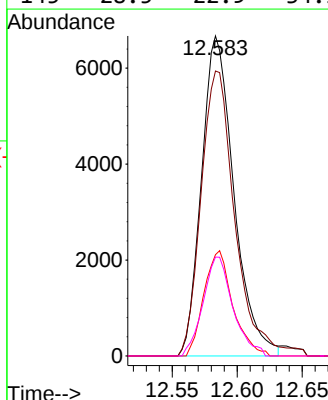
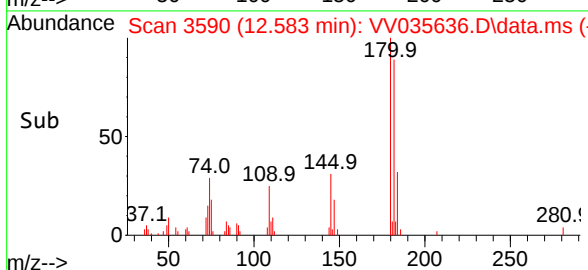
Reviewed By :Mahesh Dadoda 05/24/2024
Supervised By :Semsettin Yesilyurt 05/24/2024

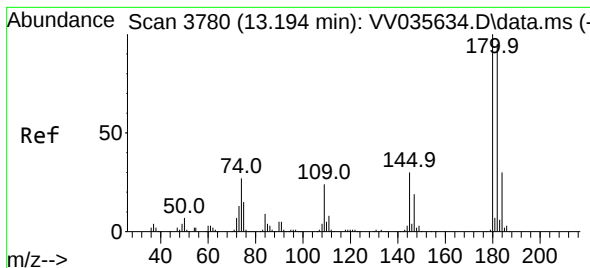


#69
1,3,5-Trichlorobenzene
Concen: 0.987 ug/L
RT: 12.583 min Scan# 3590
Delta R.T. 0.006 min
Lab File: VV035636.D
Acq: 21 May 2024 09:37



Tgt Ion:180 Resp: 11575
Ion Ratio Lower Upper
180 100
182 92.3 76.2 114.2
184 29.3 24.1 36.1
145 28.5 22.9 34.3





#70

1,2,4-trichlorobenzene

Concen: 0.941 ug/L

RT: 13.201 min Scan# 31

Delta R.T. 0.006 min

Lab File: VV035636.D

Acq: 21 May 2024 09:37

Instrument :

MSVOA_V

ClientSampleId :

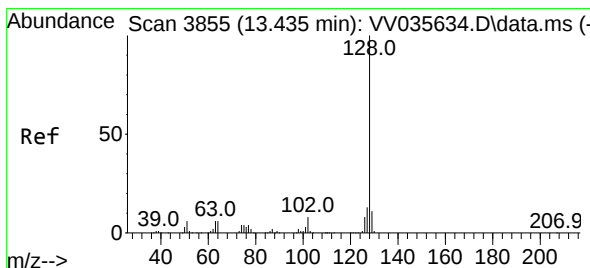
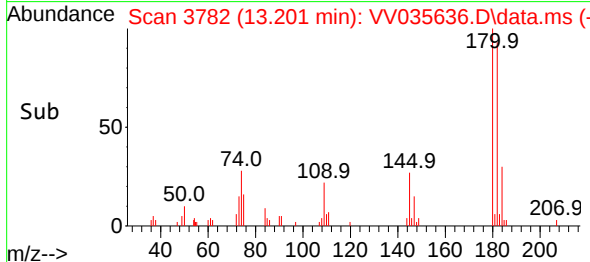
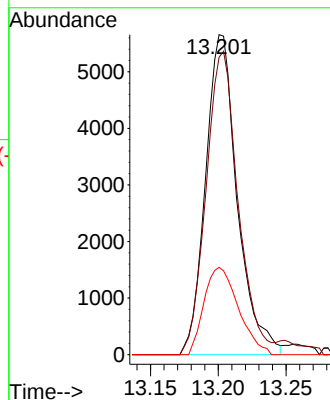
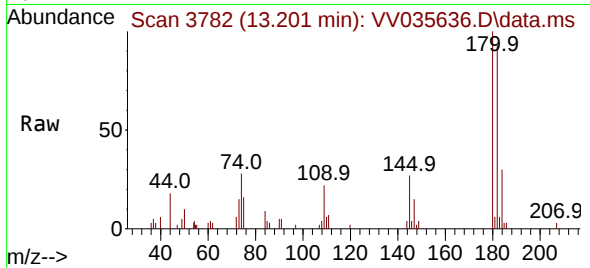
MDL-SOIL-QT2-2024-04

Tgt Ion:180	Resp:	9224
Ion Ratio	Lower	Upper
180	100	
182	95.2	76.6 114.8
145	29.4	23.2 34.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/24/2024
Supervised By :Semsettin Yesilyurt 05/24/2024



#71

Naphthalene

Concen: 0.888 ug/L m

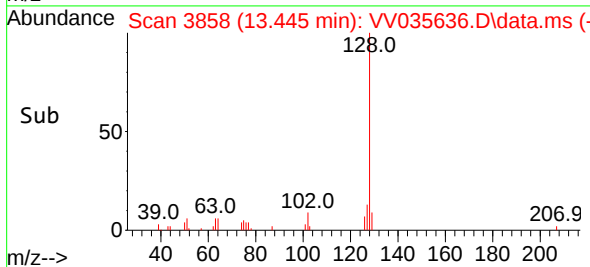
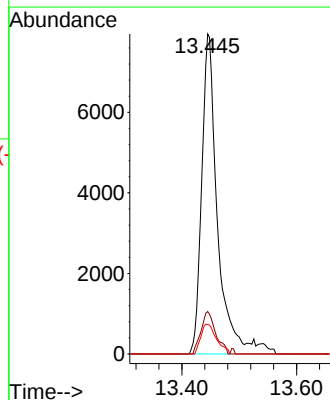
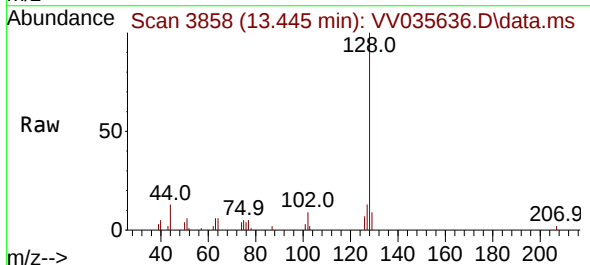
RT: 13.445 min Scan# 3858

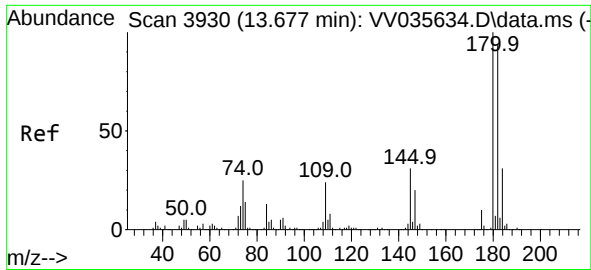
Delta R.T. 0.009 min

Lab File: VV035636.D

Acq: 21 May 2024 09:37

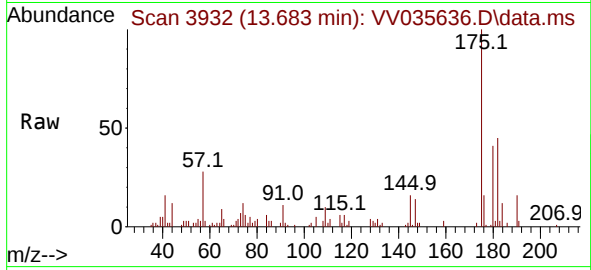
Tgt Ion:128	Resp:	15281
Ion Ratio	Lower	Upper
128	100	
127	12.2	10.4 15.6
129	9.2	8.6 13.0





#72
1,2,3-Trichlorobenzene
Concen: 0.920 ug/L
RT: 13.683 min Scan# 3932
Delta R.T. 0.006 min
Lab File: VV035636.D
Acq: 21 May 2024 09:37

Instrument :
MSVOA_V
ClientSampleId :
MDL-SOIL-QT2-2024-04



Tgt Ion:	180	Resp:	811
Ion Ratio	Lower	Upper	
180	100		
182	101.9	75.8	113.6
145	35.4	25.2	37.8

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 05/24/2024
Supervised By :Semsettin Yesilyurt 05/24/2024

