

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091224\
 Data File : VD079825.D
 Acq On : 12 Sep 2024 11:30
 Operator : RP/MD
 Sample : P3391-04
 Misc : 5.00G/10ml/MSVOA_D/SOIL/A
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MDL-SOIL-QT3-2024-06

Quant Time: Sep 13 00:27:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 13 00:16:14 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 09/13/2024
 Supervised By :Mahesh Dadoda 09/16/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	162581	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.580	117	164032	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	66536	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	153178	21.667	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.680%
7) Chloroethane-d5	2.804	69	125338	22.393	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.560%
11) 1,1-Dichloroethene-d2	3.916	65	27341	21.301	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.200%
21) 2-Butanone-d5	6.987	46	29210	44.470	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.940%
24) Chloroform-d	7.569	84	115560	21.623	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.480%
26) 1,2-Dichloroethane-d4	8.228	65	67130	24.021	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	96.080%
32) Benzene-d6	8.198	84	262292	22.649	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.600%
36) 1,2-Dichloropropane-d6	9.210	67	80400	22.668	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.680%
41) Toluene-d8	10.269	98	234364	22.998	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.000%
43) trans-1,3-Dichloroprop...	10.522	79	33902	22.233	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.920%
47) 2-Hexanone-d5	10.875	63	25596	44.271	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	88.540%
56) 1,1,2,2-Tetrachloroeth...	12.645	84	59099	22.675	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.720%
66) 1,2-Dichlorobenzene-d4	13.816	152	61195	24.388	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	97.560%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	4389	1.416	ug/L	99
3) Chloromethane	2.146	50	8202	1.509	ug/L	87
5) Vinyl chloride	2.281	62	9952	1.494	ug/L #	67
6) Bromomethane	2.693	94	5164	1.540	ug/L	97
8) Chloroethane	2.834	64	6425	1.460	ug/L	88
9) Trichlorofluoromethane	3.181	101	6405	1.338	ug/L #	74
10) 1,1,2-Trichloro-1,2,2-...	3.963	101	3731	1.408	ug/L #	63
12) 1,1-Dichloroethene	3.940	96	4574	1.853	ug/L #	1
13) Acetone	4.016	43	2299m	2.871	ug/L	
14) Carbon disulfide	4.269	76	11625	1.448	ug/L	99
15) Methyl Acetate	4.575	43	1557m	1.221	ug/L	
16) Methylene chloride	4.798	84	8156m	2.539	ug/L	
17) trans-1,2-Dichloroethene	5.316	96	3479m	1.322	ug/L	
18) Methyl tert-butyl Ether	5.310	73	7389m	1.248	ug/L	
19) 1,1-Dichloroethane	6.098	63	7074m	1.353	ug/L	
20) cis-1,2-Dichloroethene	7.069	96	4035m	1.392	ug/L	
22) 2-Butanone	7.087	43	2295m	2.443	ug/L	
23) Bromochloromethane	7.422	128	1730m	1.407	ug/L	
25) Chloroform	7.592	83	18630	3.423	ug/L	94

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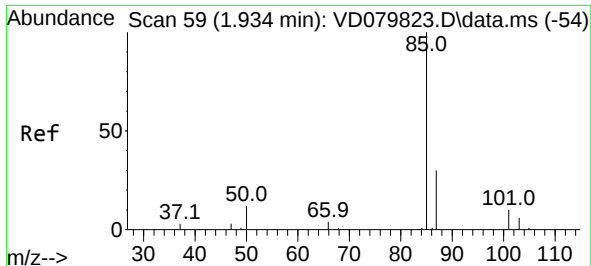
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM091024SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 13 00:16:14 2024
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Manual Integrations
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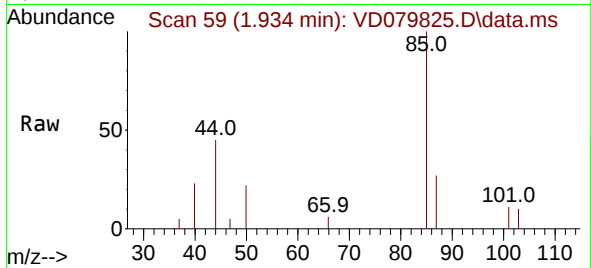
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	4813	1.447	ug/L #	92
29) Cyclohexane	7.887	56	4923m	1.213	ug/L	
30) 1,1,1-Trichloroethane	7.798	97	6105	1.365	ug/L #	89
31) Carbon tetrachloride	7.987	117	5240m	1.323	ug/L	
33) Benzene	8.251	78	16634	1.362	ug/L	100
34) Trichloroethene	9.028	95	3752	1.329	ug/L	84
35) Methylcyclohexane	9.275	83	6346	1.393	ug/L	92
38) Bromodichloromethane	9.581	83	5099	1.314	ug/L #	96
39) cis-1,3-Dichloropropene	10.016	75	5702	1.219	ug/L	89
40) 4-Methyl-2-pentanone	10.157	43	3821	2.191	ug/L	95
42) Toluene	10.328	91	17681	1.374	ug/L	95
44) trans-1,3-Dichloropropene	10.551	75	5592m	1.357	ug/L	
45) 1,1,2-Trichloroethane	10.733	97	3344	1.469	ug/L	86
46) Tetrachloroethene	10.810	164	2677	1.397	ug/L	84
48) 2-Hexanone	10.916	43	4050	2.855	ug/L #	78
49) Dibromochloromethane	11.075	129	3456	1.391	ug/L	84
50) 1,2-Dibromoethane	11.180	107	2692	1.370	ug/L #	80
51) Chlorobenzene	11.604	112	10365	1.342	ug/L	99
52) Ethylbenzene	11.680	91	15832	1.171	ug/L	98
53) m,p-Xylene	11.792	106	6302	1.231	ug/L	98
54) o-Xylene	12.116	106	5333	1.062	ug/L	65
55) Styrene	12.128	104	9612	1.090	ug/L	89
57) 1,1,2,2-Tetrachloroethane	12.663	83	3893	1.459	ug/L #	90
59) Bromoform	12.298	173	1858	1.618	ug/L #	57
60) Isopropylbenzene	12.416	105	13170	1.146	ug/L #	91
61) 1,2,3-Trichloropropane	12.727	75	2469	1.510	ug/L #	86
62) 1,3,5-Trimethylbenzene	12.904	105	8686	1.034	ug/L	92
63) 1,2,4-Trimethylbenzene	13.210	105	10278	1.167	ug/L	97
64) 1,3-Dichlorobenzene	13.457	146	6404	1.349	ug/L	89
65) 1,4-Dichlorobenzene	13.533	146	7022	1.410	ug/L	87
67) 1,2-Dichlorobenzene	13.822	146	6644	1.548	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.445	75	414m	1.237	ug/L	
69) 1,3,5-Trichlorobenzene	14.586	180	4333	1.505	ug/L	96
70) 1,2,4-trichlorobenzene	15.092	180	3455	1.426	ug/L	91
71) Naphthalene	15.327	128	6972	1.288	ug/L #	88
72) 1,2,3-Trichlorobenzene	15.521	180	3076	1.419	ug/L #	75

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



#2
 Dichlorodifluoromethane
 Concen: 1.416 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. -0.000 min
 Lab File: VD079825.D
 Acq: 12 Sep 2024 11:30

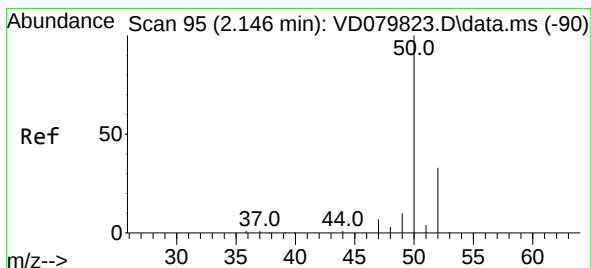
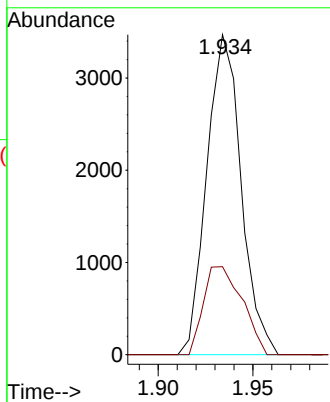
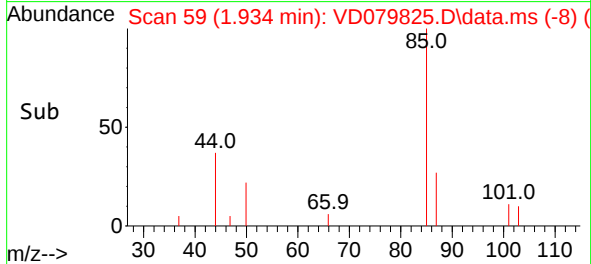
Instrument : MSVOA_D
 ClientSampleId : MDL-SOIL-QT3-2024-06



Tgt Ion: 85 Resp: 4389
 Ion Ratio Lower Upper
 85 100
 87 30.9 25.0 37.6

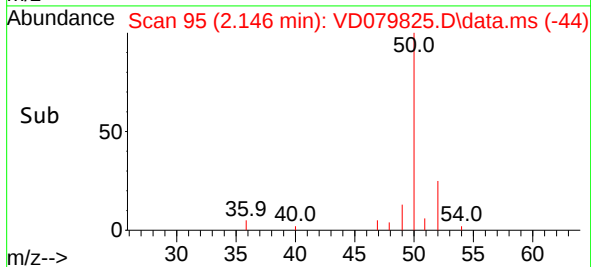
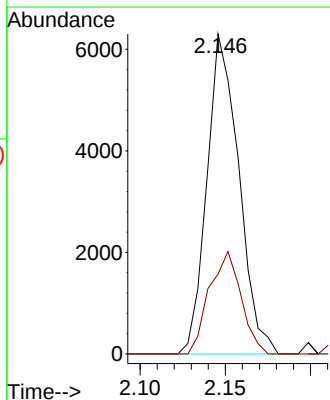
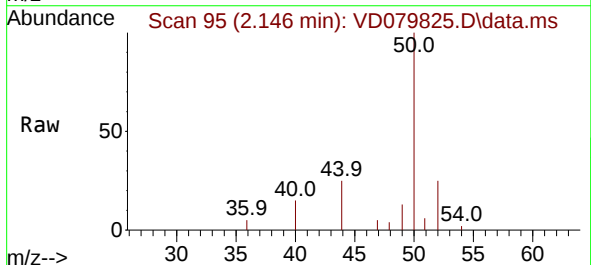
Manual Integrations
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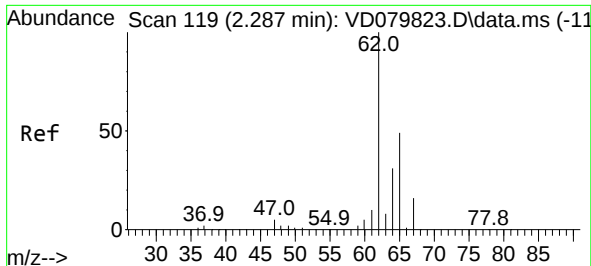
Reviewed By :Romaben Patel 09/13/2024
 Supervised By :Mahesh Dadoda 09/16/2024



#3
 Chloromethane
 Concen: 1.509 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. -0.000 min
 Lab File: VD079825.D
 Acq: 12 Sep 2024 11:30

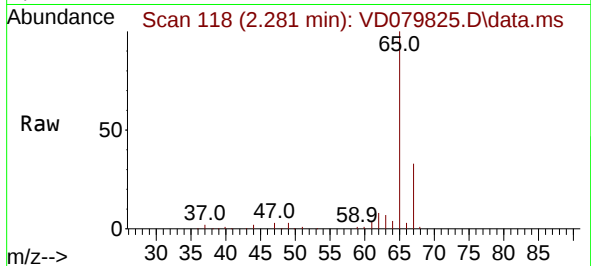
Tgt Ion: 50 Resp: 8202
 Ion Ratio Lower Upper
 50 100
 52 25.0 22.4 41.6





#5
 Vinyl chloride
 Concen: 1.494 ug/L
 RT: 2.281 min Scan# 119
 Delta R.T. -0.006 min
 Lab File: VD079825.D
 Acq: 12 Sep 2024 11:30

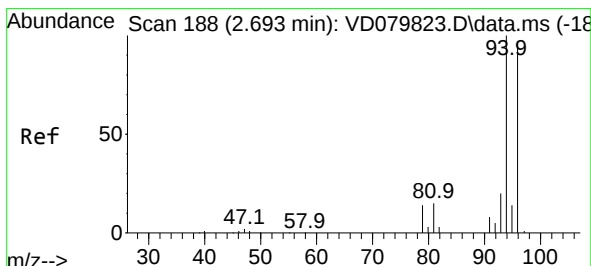
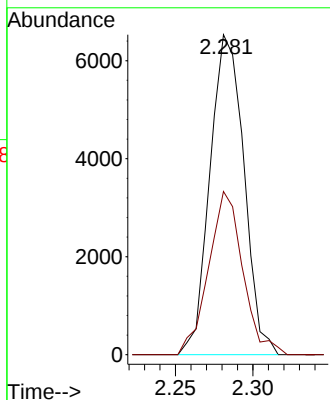
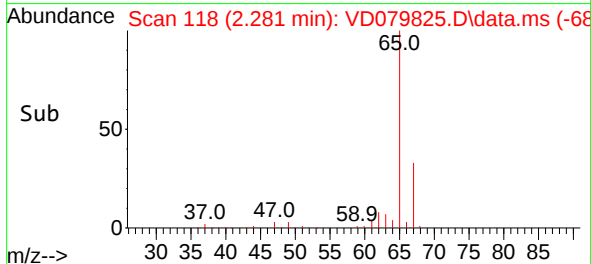
Instrument :
 MSVOA_D
 ClientSampleId :
 MDL-SOIL-QT3-2024-06



Tgt Ion: 62 Resp: 9952
 Ion Ratio Lower Upper
 62 100
 64 51.0 22.6 42.0

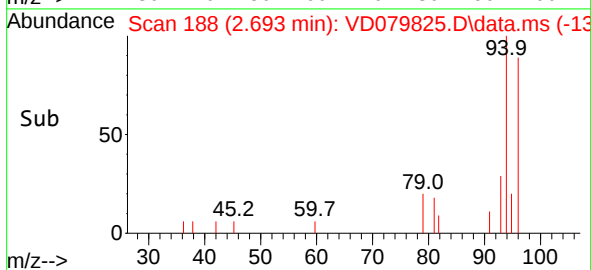
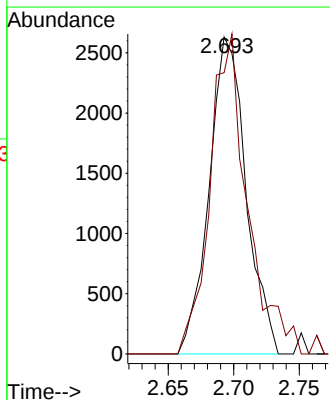
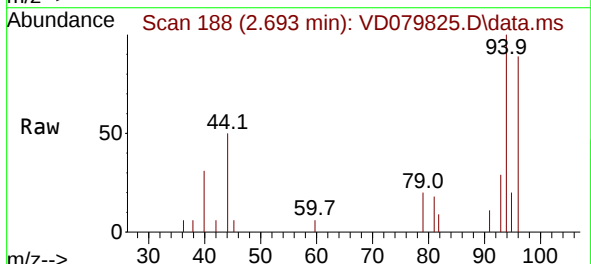
Manual Integrations
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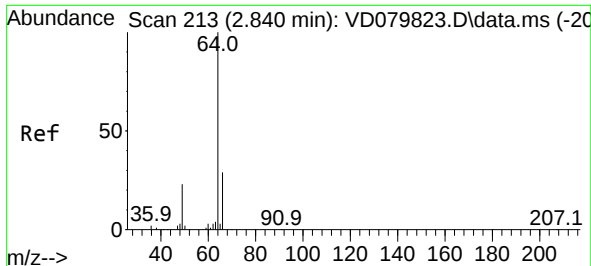
Reviewed By :Romaben Patel 09/13/2024
 Supervised By :Mahesh Dadoda 09/16/2024



#6
 Bromomethane
 Concen: 1.540 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. -0.000 min
 Lab File: VD079825.D
 Acq: 12 Sep 2024 11:30

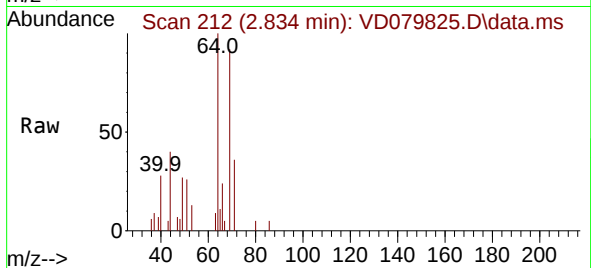
Tgt Ion: 94 Resp: 5164
 Ion Ratio Lower Upper
 94 100
 96 88.8 64.3 119.5





#8
Chloroethane
Concen: 1.460 ug/L
RT: 2.834 min Scan# 213
Delta R.T. -0.006 min
Lab File: VD079825.D
Acq: 12 Sep 2024 11:30

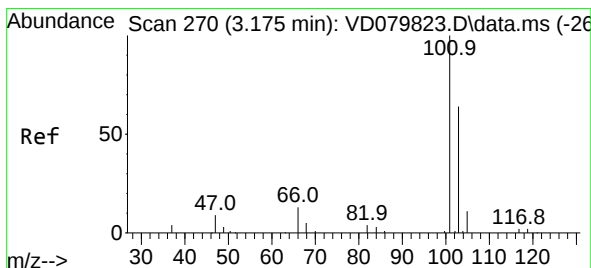
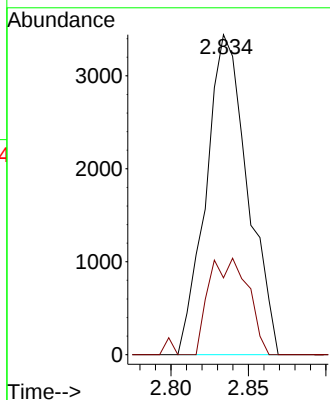
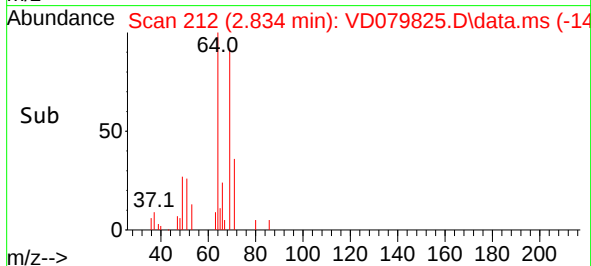
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-QT3-2024-06



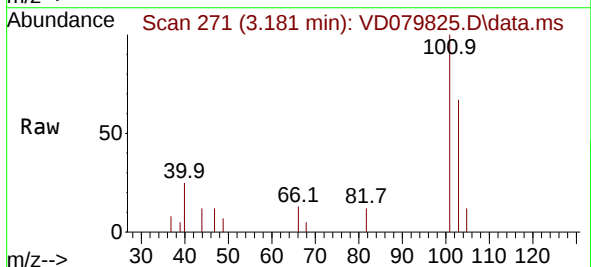
Tgt Ion: 64 Resp: 6425
Ion Ratio Lower Upper
64 100
66 24.0 21.3 39.6

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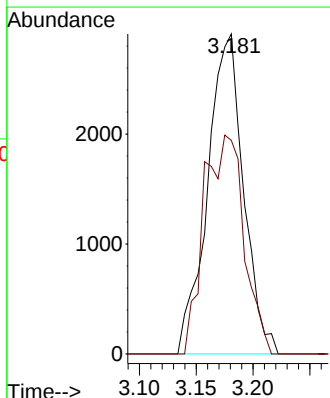
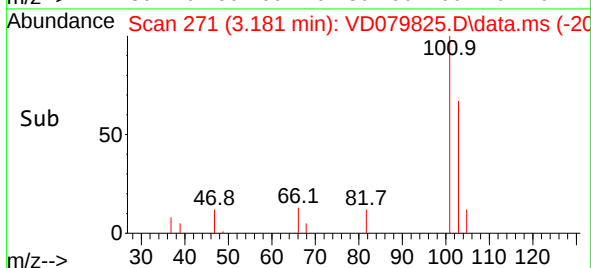
Reviewed By :Romaben Patel 09/13/2024
Supervised By :Mahesh Dadoda 09/16/2024

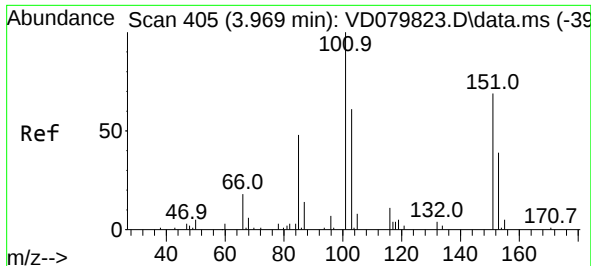


#9
Trichlorofluoromethane
Concen: 1.338 ug/L
RT: 3.181 min Scan# 271
Delta R.T. 0.006 min
Lab File: VD079825.D
Acq: 12 Sep 2024 11:30



Tgt Ion:101 Resp: 6405
Ion Ratio Lower Upper
101 100
103 42.7 50.5 75.7#





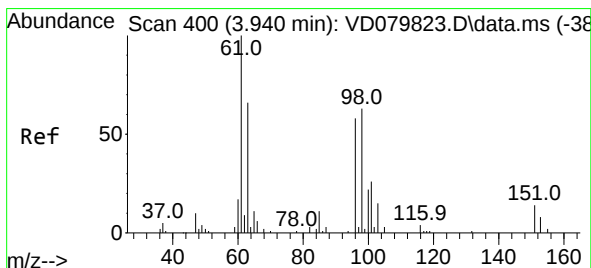
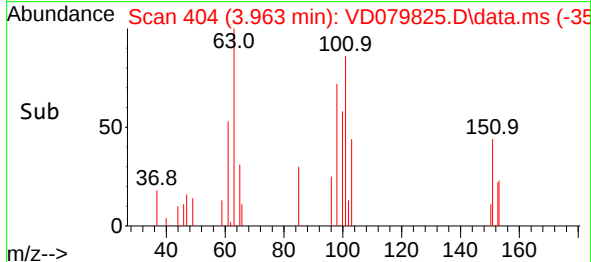
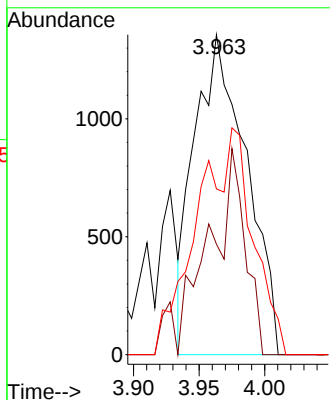
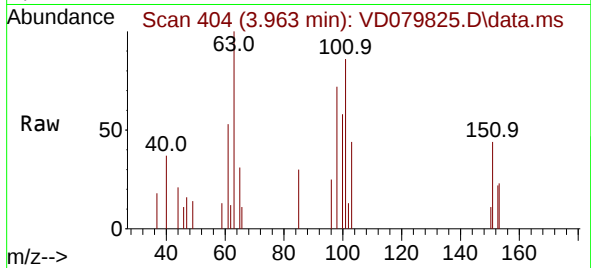
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1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.408 ug/L
RT: 3.963 min Scan# 405
Delta R.T. -0.006 min
Lab File: VD079825.D
Acq: 12 Sep 2024 11:30

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-QT3-2024-06

Tgt Ion:101 Resp: 373
Ion Ratio Lower Upper
101 100
85 17.2 37.8 56.8
151 42.0 54.2 81.4

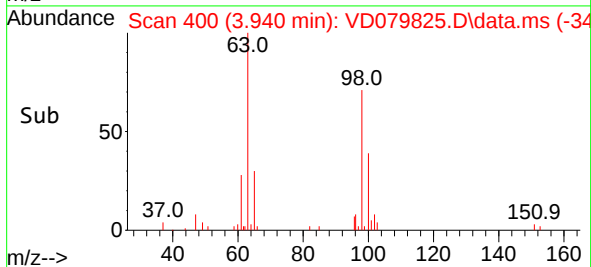
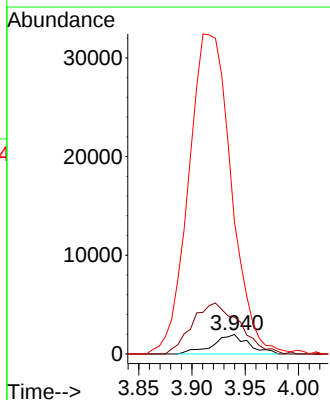
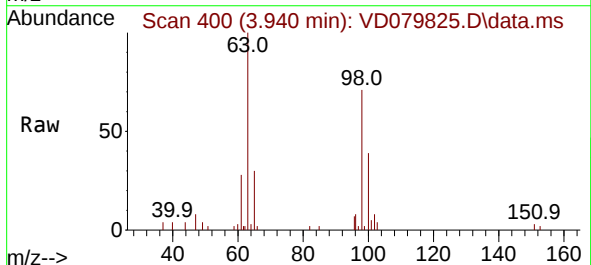
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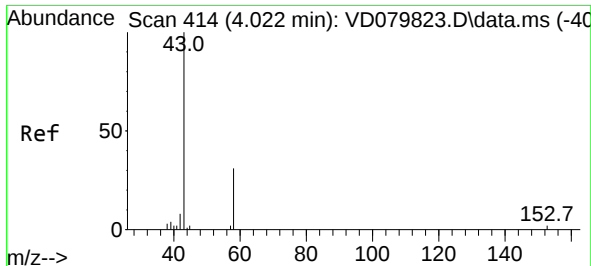
Reviewed By :Romaben Patel 09/13/2024
Supervised By :Mahesh Dadoda 09/16/2024



#12
1,1-Dichloroethene
Concen: 1.853 ug/L
RT: 3.940 min Scan# 400
Delta R.T. -0.000 min
Lab File: VD079825.D
Acq: 12 Sep 2024 11:30

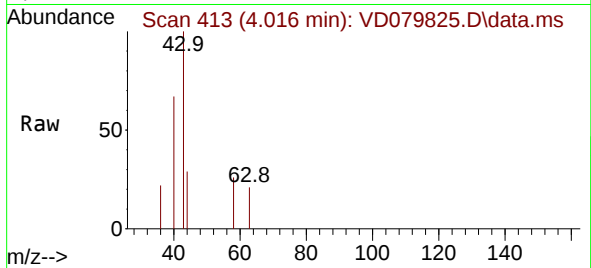
Tgt Ion: 96 Resp: 4574
Ion Ratio Lower Upper
96 100
61 202.3 119.8 222.4
63 681.8 93.9 174.3





#13
Acetone
Concen: 2.871 ug/L m
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD079825.D
Acq: 12 Sep 2024 11:30

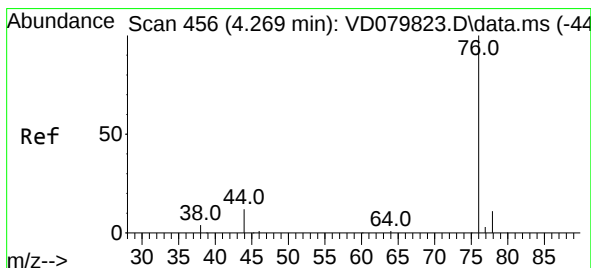
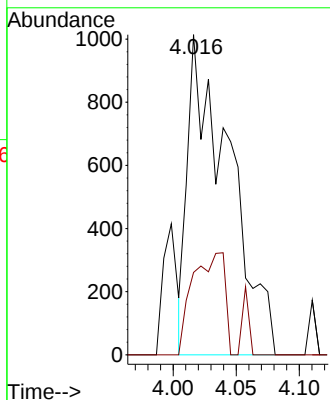
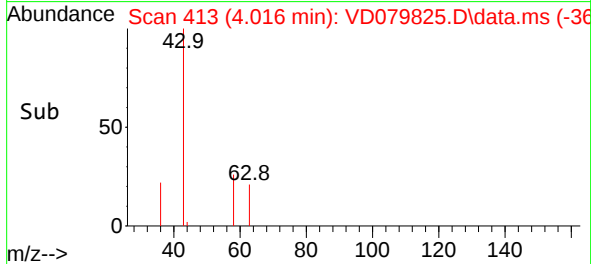
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-QT3-2024-06



Tgt Ion: 43 Resp: 229
Ion Ratio Lower Upper
43 100
58 15.0 0.0 75.8

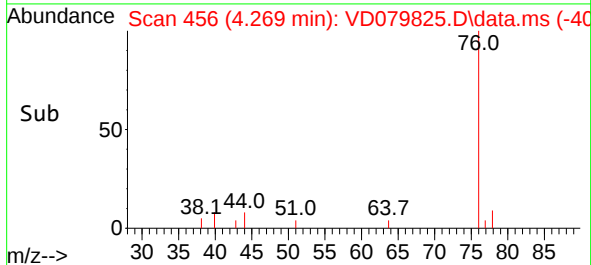
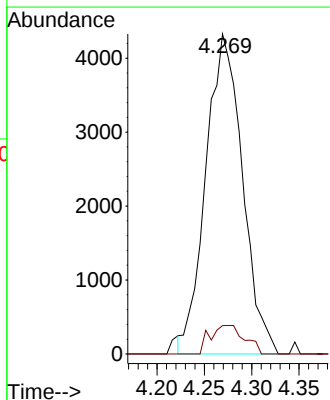
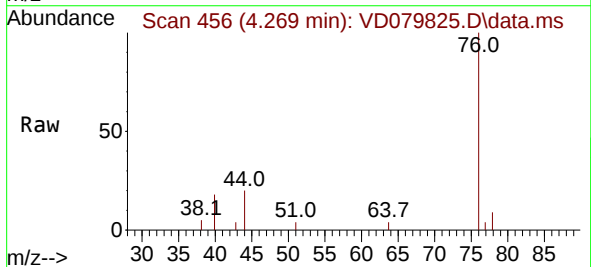
Manual Integrations
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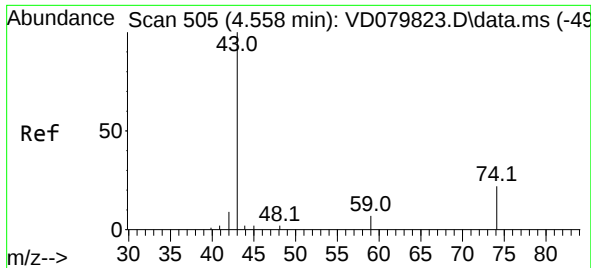
Reviewed By :Romaben Patel 09/13/2024
Supervised By :Mahesh Dadoda 09/16/2024



#14
Carbon disulfide
Concen: 1.448 ug/L
RT: 4.269 min Scan# 456
Delta R.T. -0.000 min
Lab File: VD079825.D
Acq: 12 Sep 2024 11:30

Tgt Ion: 76 Resp: 11625
Ion Ratio Lower Upper
76 100
78 8.8 7.3 10.9





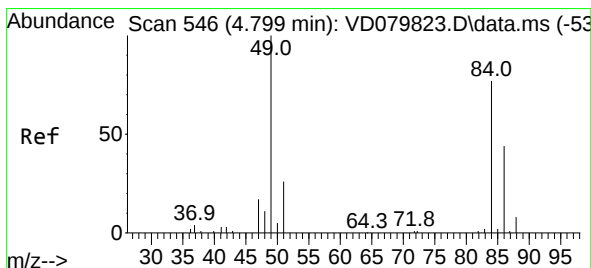
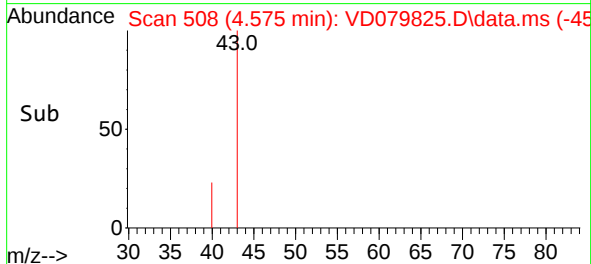
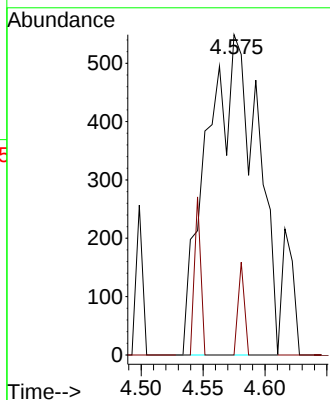
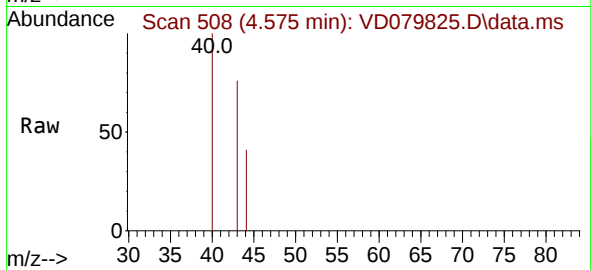
#15
Methyl Acetate
Concen: 1.221 ug/L m
RT: 4.575 min Scan# 505
Delta R.T. 0.017 min
Lab File: VD079825.D
Acq: 12 Sep 2024 11:30

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-QT3-2024-06

Tgt Ion: 43 Resp: 155
Ion Ratio Lower Upper
43 100
74 0.0 11.9 17.9

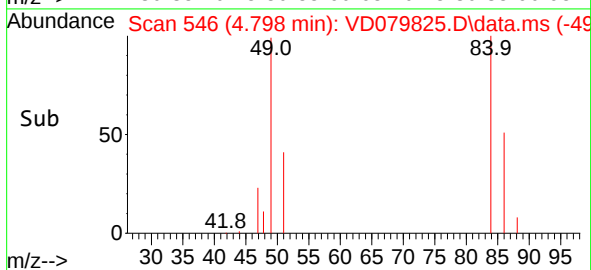
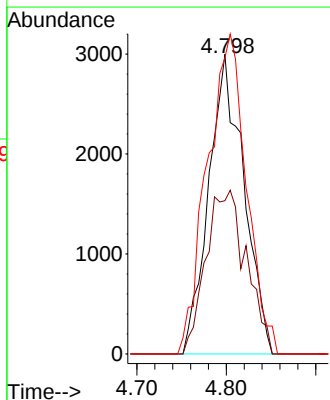
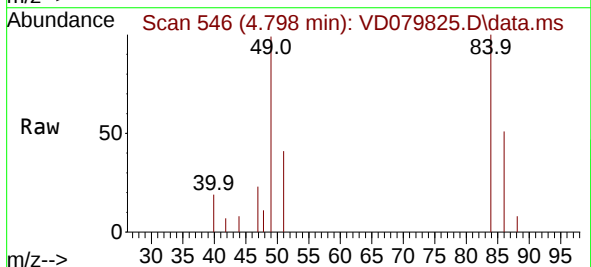
Manual Integrations
APPROVED

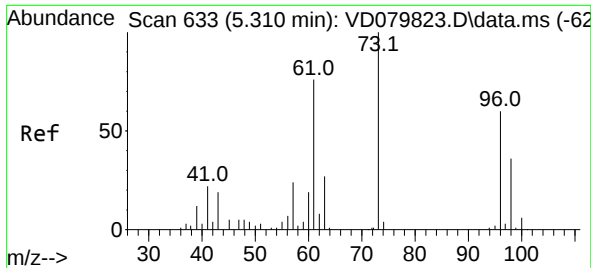
Reviewed By :Romaben Patel 09/13/2024
Supervised By :Mahesh Dadoda 09/16/2024



#16
Methylene chloride
Concen: 2.539 ug/L m
RT: 4.798 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD079825.D
Acq: 12 Sep 2024 11:30

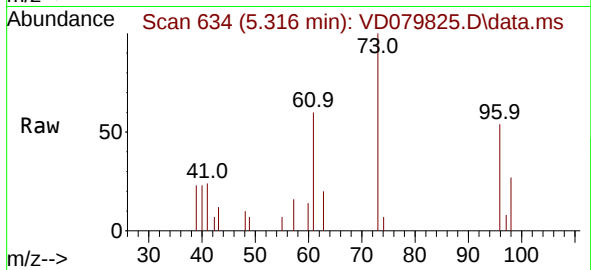
Tgt Ion: 84 Resp: 8156
Ion Ratio Lower Upper
84 100
86 51.2 41.0 76.2
49 98.8 90.0 167.2





#17
trans-1,2-Dichloroethene
Concen: 1.322 ug/L m
RT: 5.316 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD079825.D
Acq: 12 Sep 2024 11:30

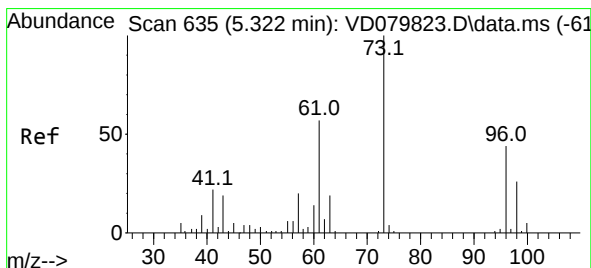
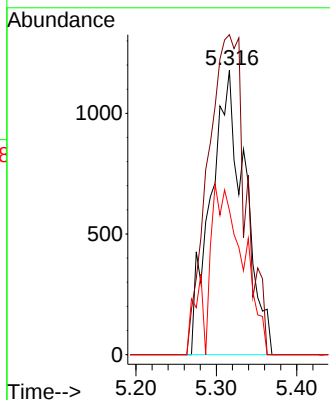
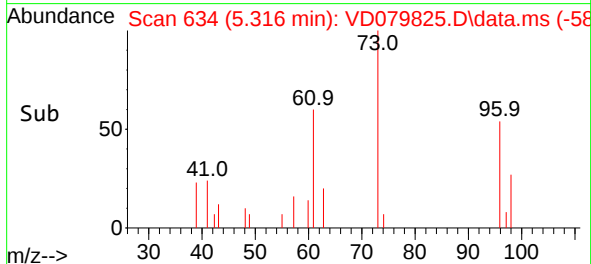
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-QT3-2024-06



Tgt Ion: 96 Resp: 3479
Ion Ratio Lower Upper
96 100
61 112.5 88.7 164.7
98 50.7 43.8 81.3

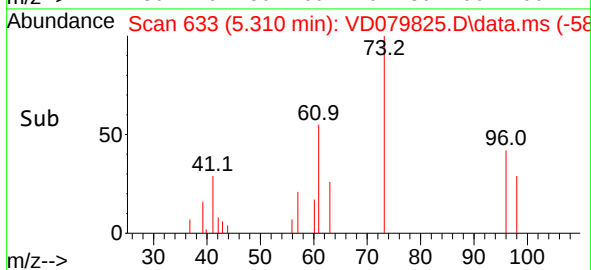
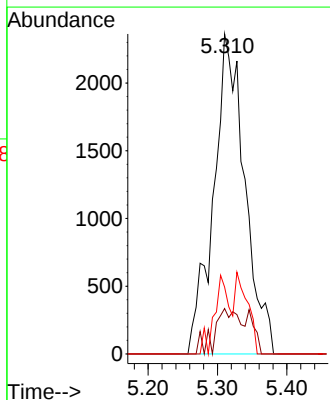
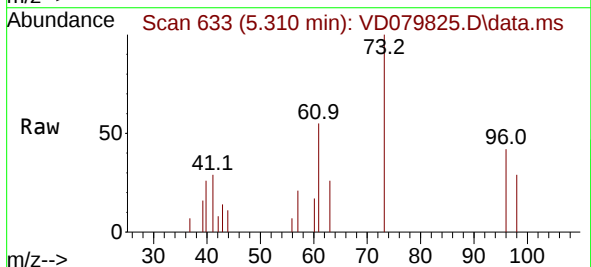
Manual Integrations
APPROVED

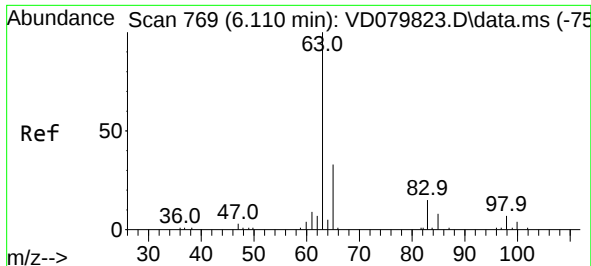
Reviewed By :Romaben Patel 09/13/2024
Supervised By :Mahesh Dadoda 09/16/2024



#18
Methyl tert-butyl Ether
Concen: 1.248 ug/L m
RT: 5.310 min Scan# 633
Delta R.T. -0.012 min
Lab File: VD079825.D
Acq: 12 Sep 2024 11:30

Tgt Ion: 73 Resp: 7389
Ion Ratio Lower Upper
73 100
43 5.4 14.5 21.7#
57 10.9 18.8 28.2#





#19

1,1-Dichloroethane

Concen: 1.353 ug/L m

RT: 6.098 min Scan# 707

Delta R.T. -0.012 min

Lab File: VD079825.D

Acq: 12 Sep 2024 11:30

Instrument :

MSVOA_D

ClientSampleId :

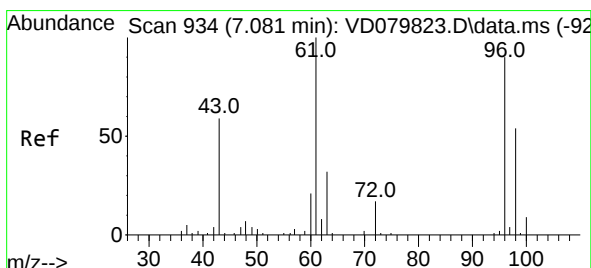
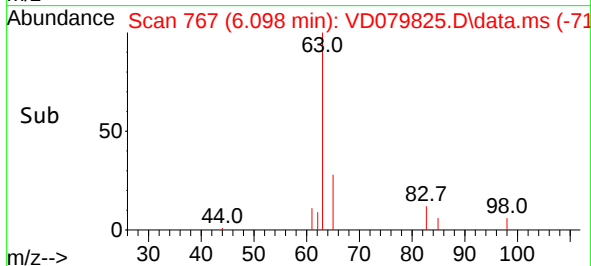
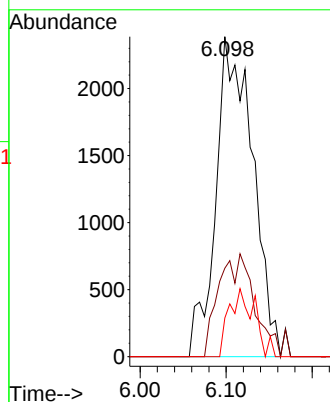
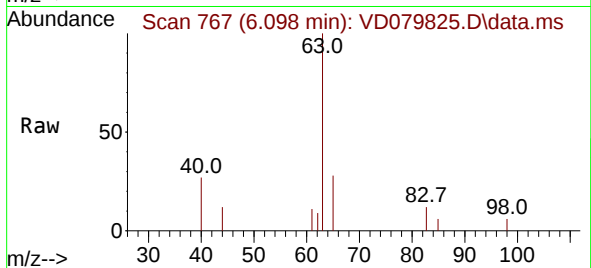
MDL-SOIL-QT3-2024-06

Tgt Ion:	63	Resp:	7074
Ion	Ratio	Lower	Upper
63	100		
65	27.6	22.6	42.0
83	12.1	9.0	16.8

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 09/13/2024
Supervised By :Mahesh Dadoda 09/16/2024



#20

cis-1,2-Dichloroethene

Concen: 1.392 ug/L m

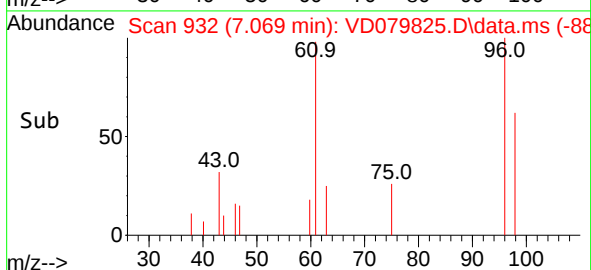
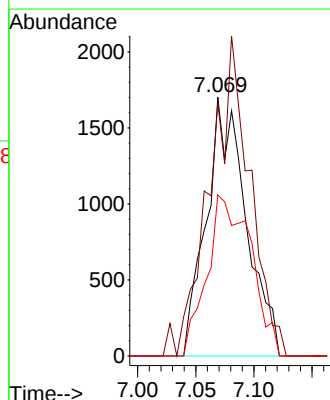
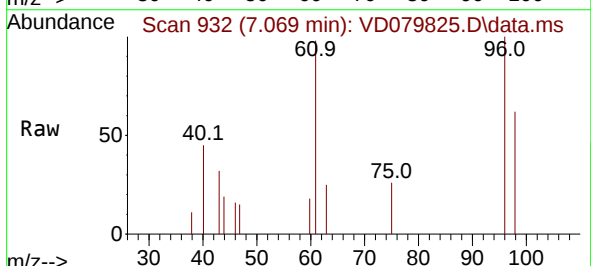
RT: 7.069 min Scan# 932

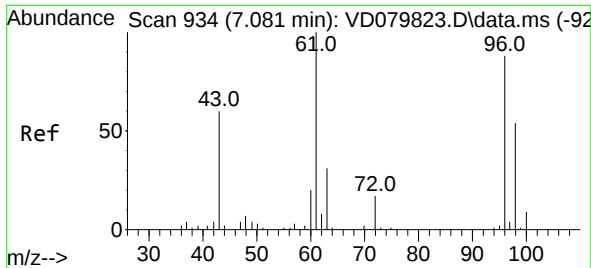
Delta R.T. -0.012 min

Lab File: VD079825.D

Acq: 12 Sep 2024 11:30

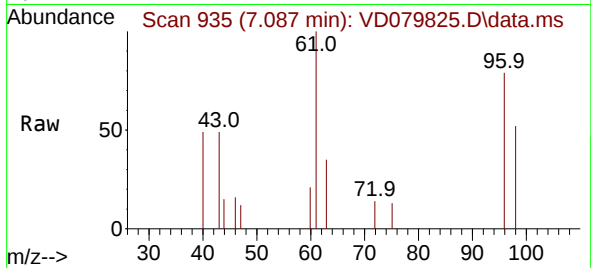
Tgt Ion:	96	Resp:	4035
Ion	Ratio	Lower	Upper
96	100		
61	97.8	83.8	155.6
98	62.2	45.9	85.3





#22
2-Butanone
Concen: 2.443 ug/L m
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD079825.D
Acq: 12 Sep 2024 11:30

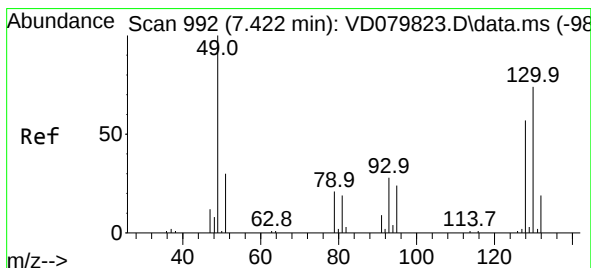
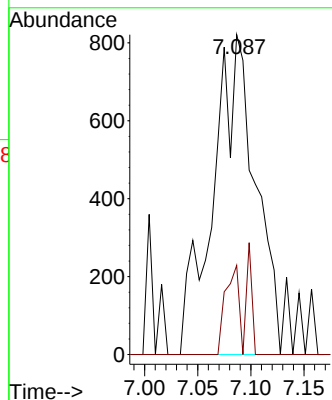
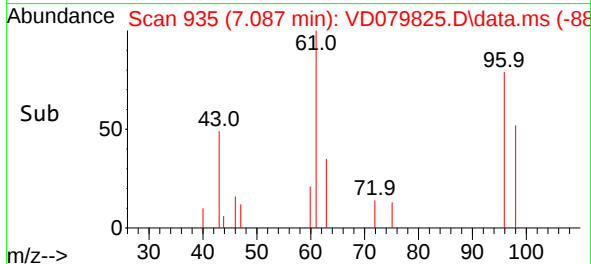
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-QT3-2024-06



Tgt Ion: 43 Resp: 229
Ion Ratio Lower Upper
43 100
72 8.8 13.1 39.3

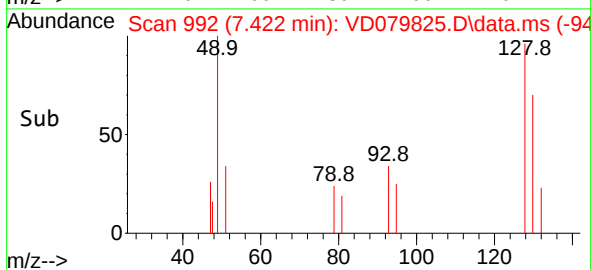
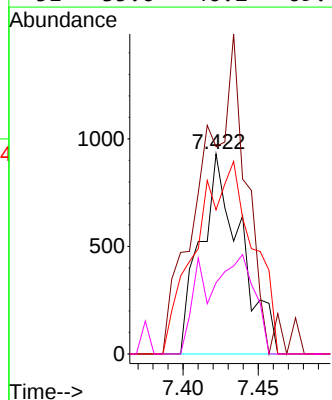
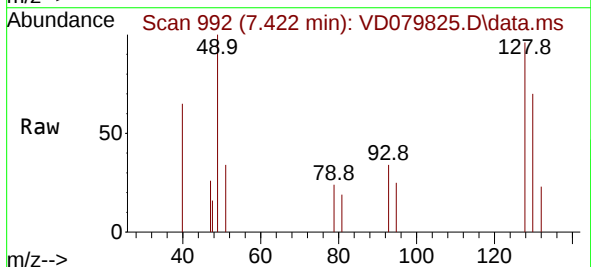
Manual Integrations
APPROVED

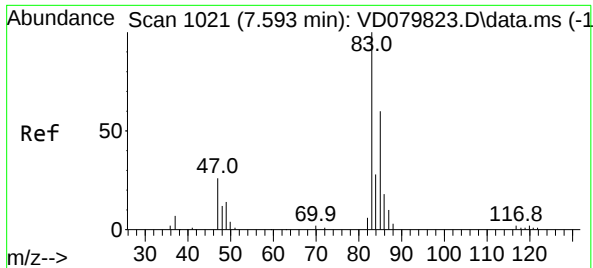
Reviewed By :Romaben Patel 09/13/2024
Supervised By :Mahesh Dadoda 09/16/2024



#23
Bromochloromethane
Concen: 1.407 ug/L m
RT: 7.422 min Scan# 992
Delta R.T. -0.000 min
Lab File: VD079825.D
Acq: 12 Sep 2024 11:30

Tgt Ion:128 Resp: 1730
Ion Ratio Lower Upper
128 100
49 103.7 132.3 245.7#
130 72.0 89.4 166.0#
51 35.6 46.2 69.4#





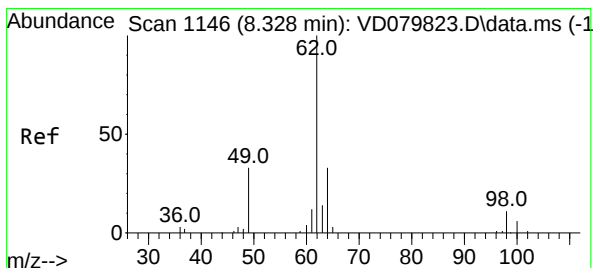
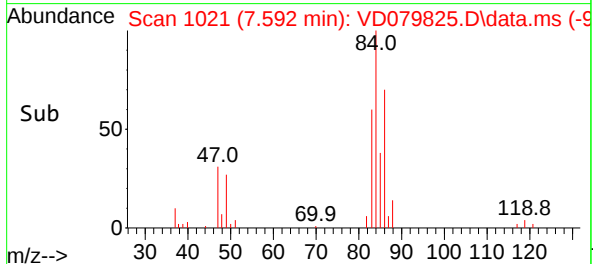
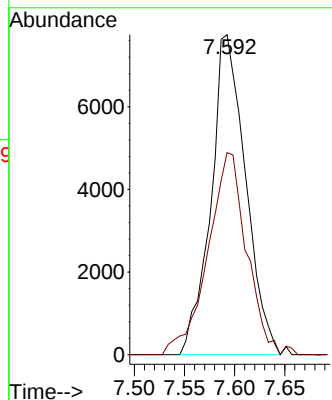
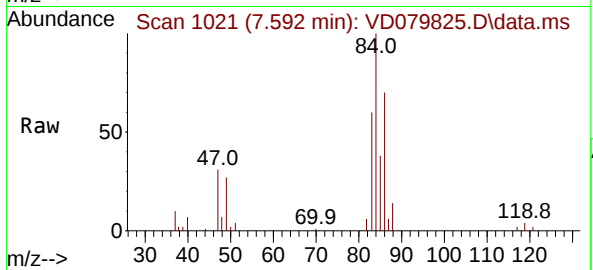
#25
Chloroform
Concen: 3.423 ug/L
RT: 7.592 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VD079825.D
Acq: 12 Sep 2024 11:30

Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-QT3-2024-06

Tgt Ion: 83 Resp: 18630
Ion Ratio Lower Upper
83 100
85 63.2 47.3 87.9

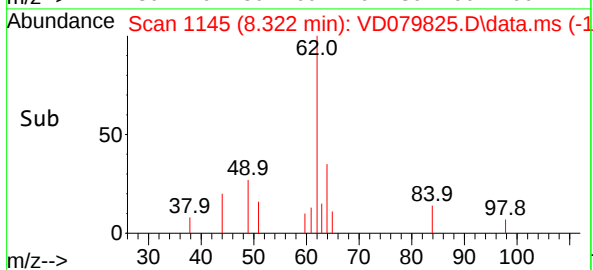
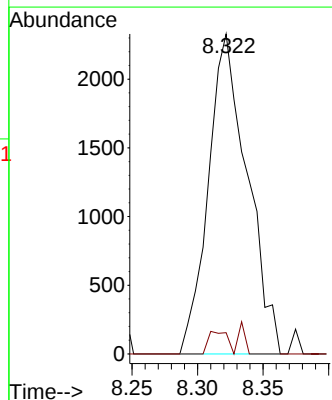
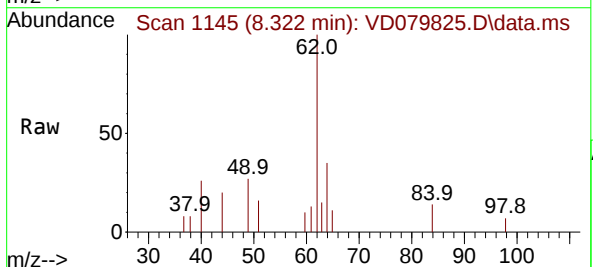
Manual Integrations
APPROVED

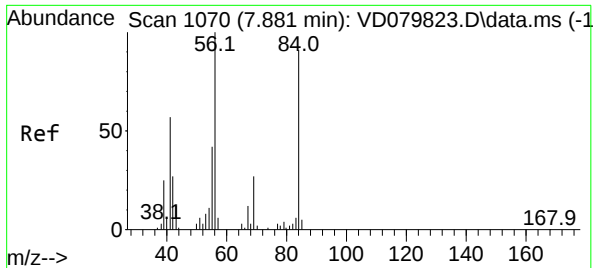
Reviewed By :Romaben Patel 09/13/2024
Supervised By :Mahesh Dadoda 09/16/2024



#27
1,2-Dichloroethane
Concen: 1.447 ug/L
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD079825.D
Acq: 12 Sep 2024 11:30

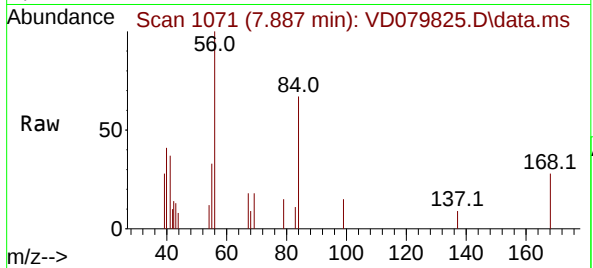
Tgt Ion: 62 Resp: 4813
Ion Ratio Lower Upper
62 100
98 6.7 7.5 11.3#





#29
Cyclohexane
Concen: 1.213 ug/L m
RT: 7.887 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD079825.D
Acq: 12 Sep 2024 11:30

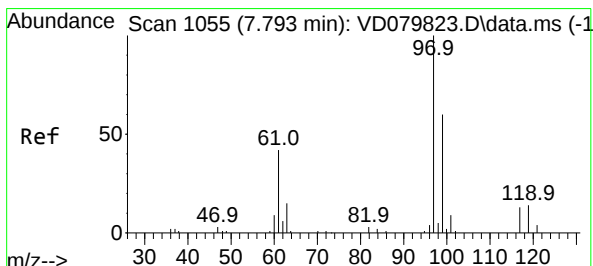
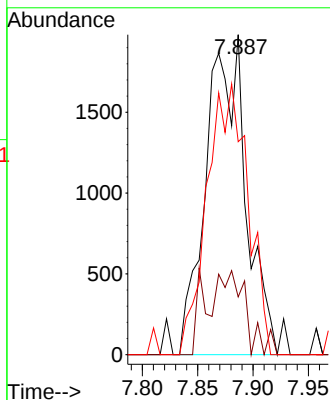
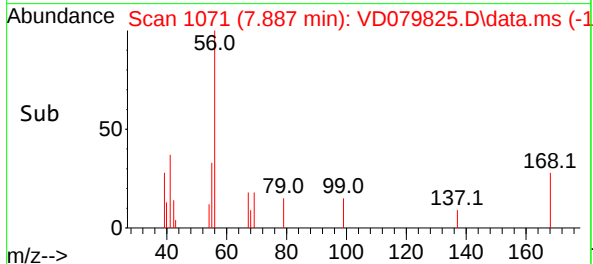
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-QT3-2024-06



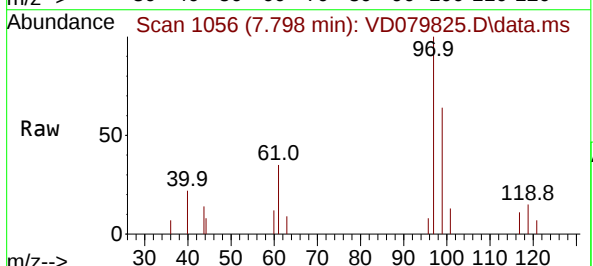
Tgt Ion: 56 Resp: 492
Ion Ratio Lower Upper
56 100
69 16.1 22.8 34.2
84 87.5 69.1 103.7

Manual Integrations
APPROVED

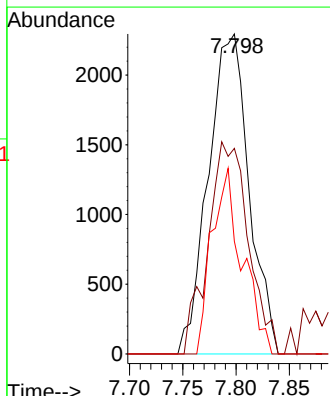
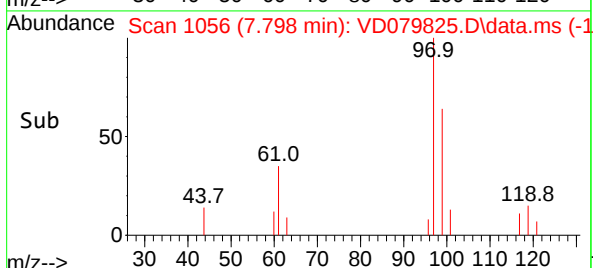
Reviewed By :Romaben Patel 09/13/2024
Supervised By :Mahesh Dadoda 09/16/2024

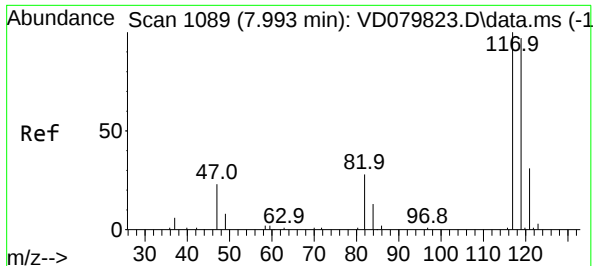


#30
1,1,1-Trichloroethane
Concen: 1.365 ug/L
RT: 7.798 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VD079825.D
Acq: 12 Sep 2024 11:30



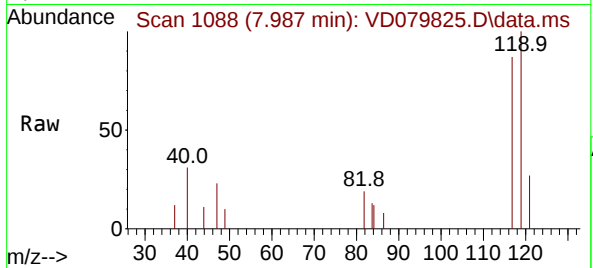
Tgt Ion: 97 Resp: 6105
Ion Ratio Lower Upper
97 100
99 58.7 51.9 77.9
61 34.3 35.4 53.2





#31
Carbon tetrachloride
Concen: 1.323 ug/L m
RT: 7.987 min Scan# 1108
Delta R.T. -0.006 min
Lab File: VD079825.D
Acq: 12 Sep 2024 11:30

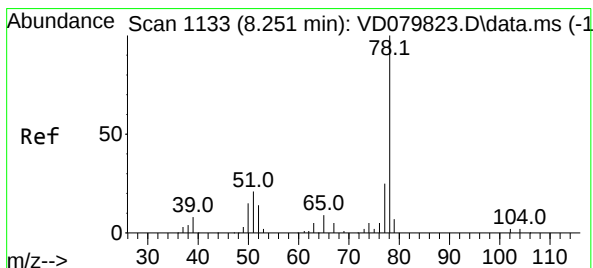
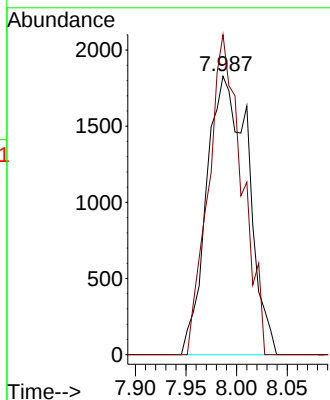
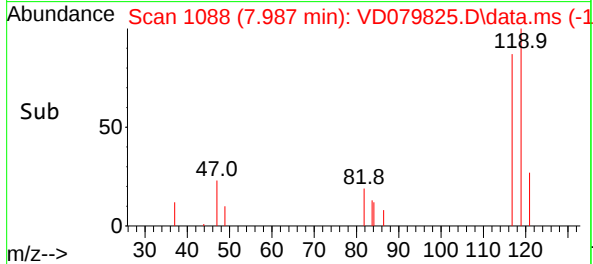
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-QT3-2024-06



Tgt Ion:117 Resp: 5240
Ion Ratio Lower Upper
117 100
119 92.7 76.0 114.0

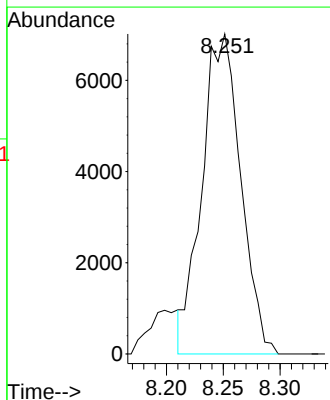
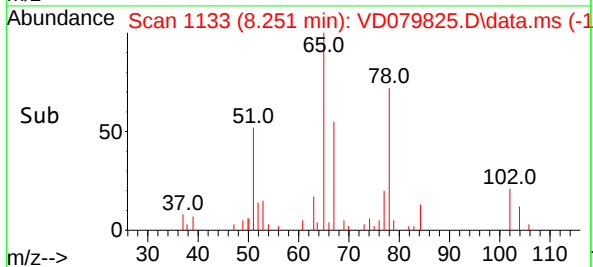
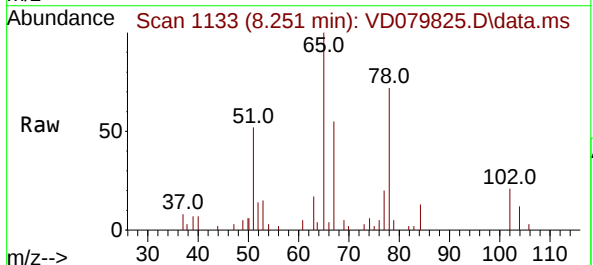
Manual Integrations
APPROVED

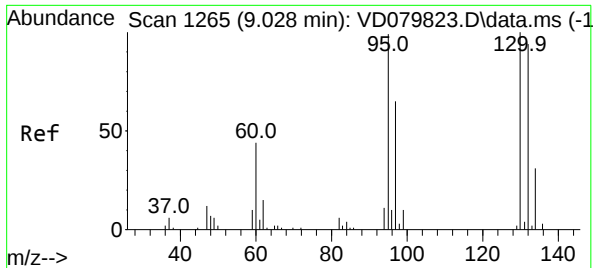
Reviewed By :Romaben Patel 09/13/2024
Supervised By :Mahesh Dadoda 09/16/2024



#33
Benzene
Concen: 1.362 ug/L
RT: 8.251 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD079825.D
Acq: 12 Sep 2024 11:30

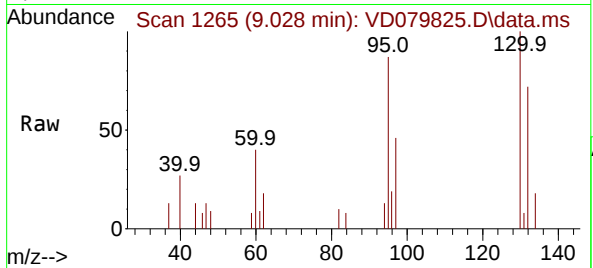
Tgt Ion: 78 Resp: 16634





#34
Trichloroethene
Concen: 1.329 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD079825.D
Acq: 12 Sep 2024 11:30

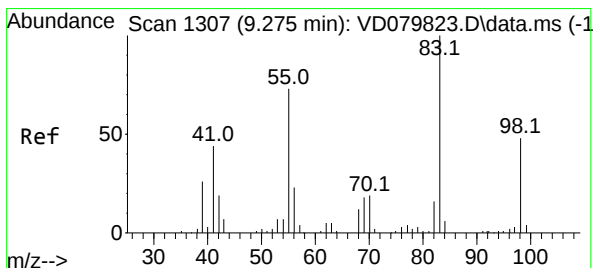
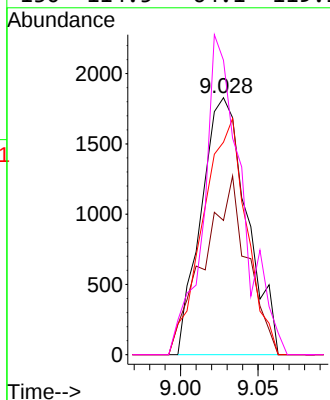
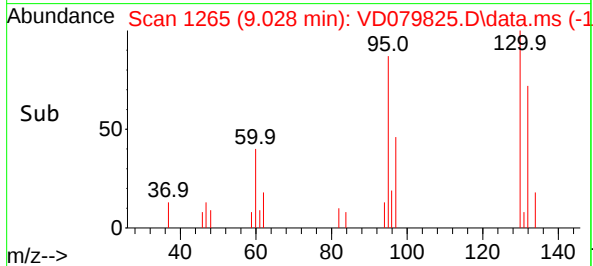
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-QT3-2024-06



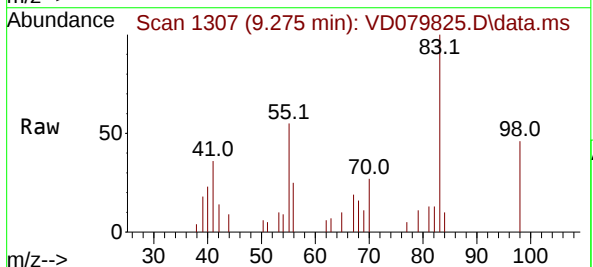
Tgt Ion: 95 Resp: 3752
Ion Ratio Lower Upper
95 100
97 52.2 43.5 80.7
132 82.7 64.5 119.7
130 114.5 64.1 119.1

Manual Integrations
APPROVED

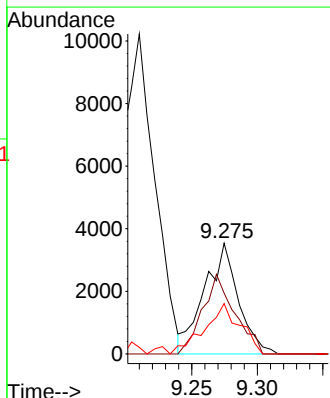
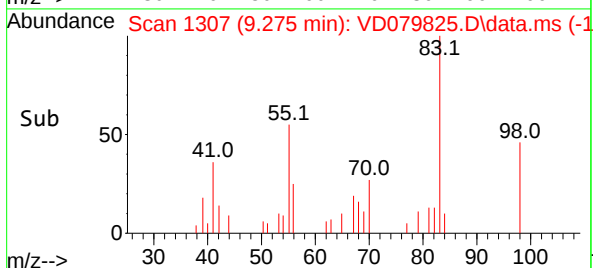
Reviewed By :Romaben Patel 09/13/2024
Supervised By :Mahesh Dadoda 09/16/2024

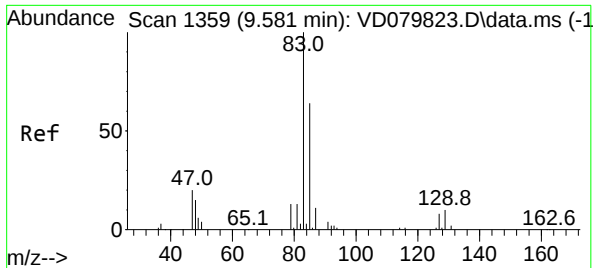


#35
Methylcyclohexane
Concen: 1.393 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VD079825.D
Acq: 12 Sep 2024 11:30



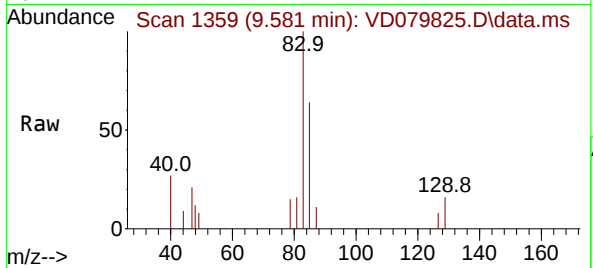
Tgt Ion: 83 Resp: 6346
Ion Ratio Lower Upper
83 100
55 68.6 58.9 88.3
98 40.9 38.6 58.0





#38
Bromodichloromethane
Concen: 1.314 ug/L
RT: 9.581 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VD079825.D
Acq: 12 Sep 2024 11:30

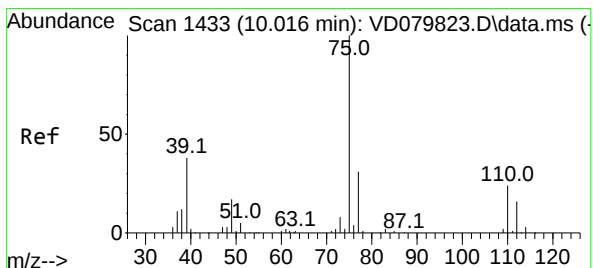
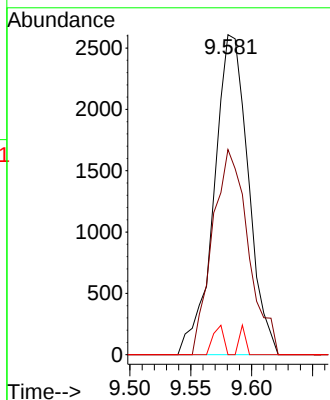
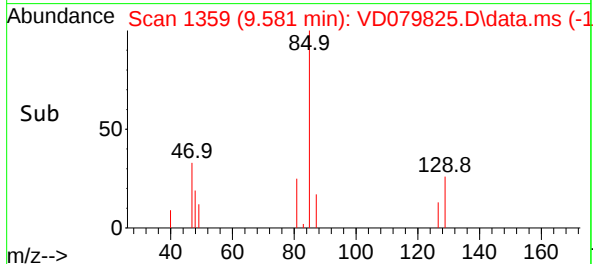
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-QT3-2024-06



Tgt Ion: 83 Resp: 5099
Ion Ratio Lower Upper
83 100
85 64.1 45.9 85.3
127 0.0 6.7 10.1

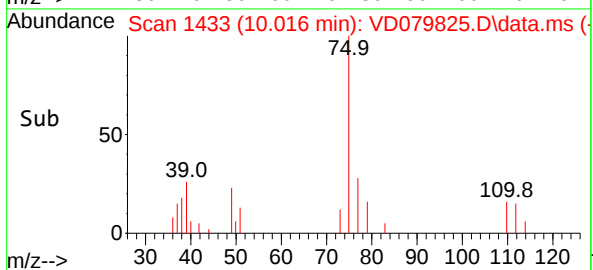
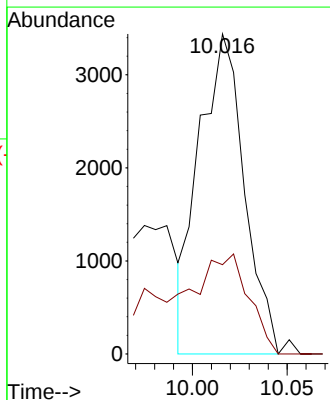
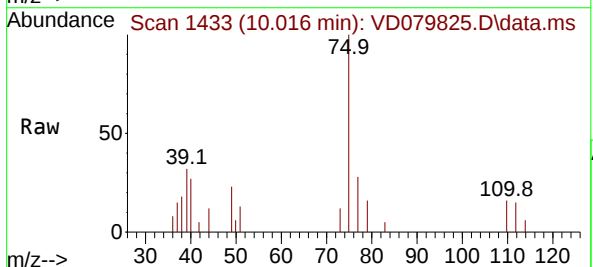
Manual Integrations
APPROVED

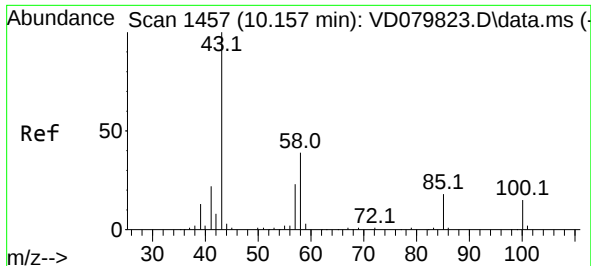
Reviewed By :Romaben Patel 09/13/2024
Supervised By :Mahesh Dadoda 09/16/2024



#39
cis-1,3-Dichloropropene
Concen: 1.219 ug/L
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD079825.D
Acq: 12 Sep 2024 11:30

Tgt Ion: 75 Resp: 5702
Ion Ratio Lower Upper
75 100
77 27.9 24.1 44.8





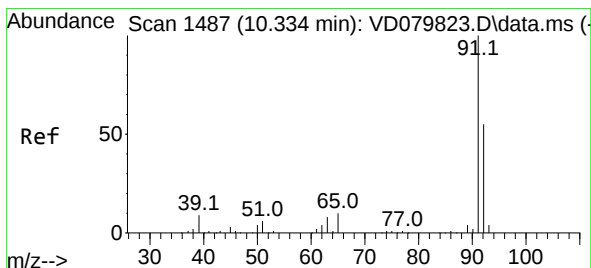
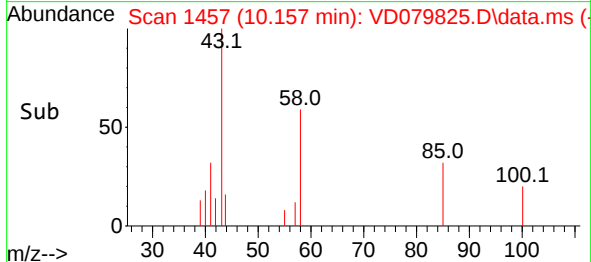
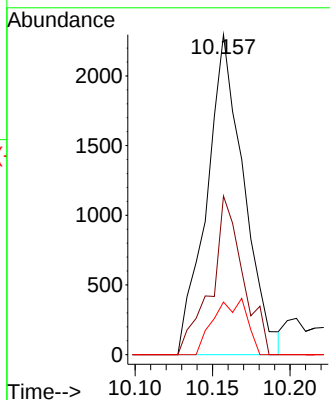
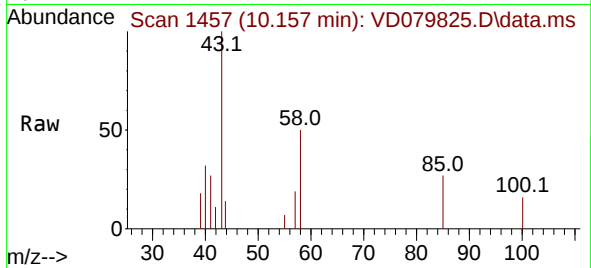
#40
4-Methyl-2-pentanone
Concen: 2.191 ug/L
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD079825.D
Acq: 12 Sep 2024 11:30

Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-QT3-2024-06

Tgt Ion: 43 Resp: 382
Ion Ratio Lower Upper
43 100
58 42.4 31.1 46.7
100 15.7 11.8 17.6

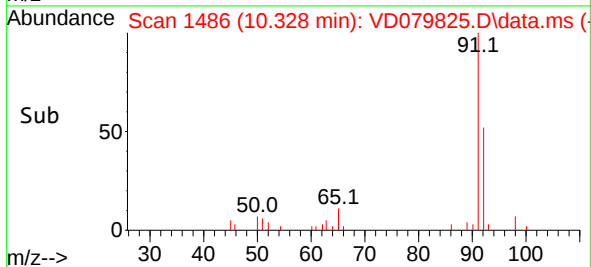
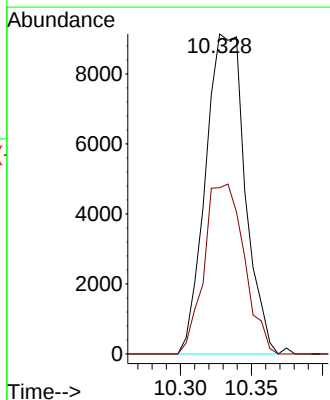
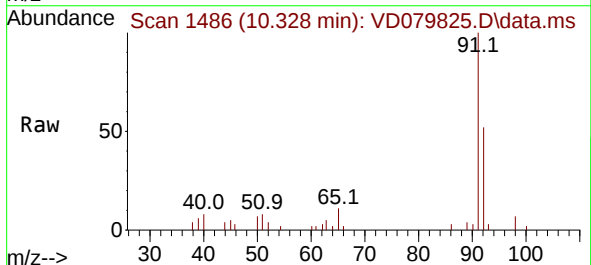
Manual Integrations
APPROVED

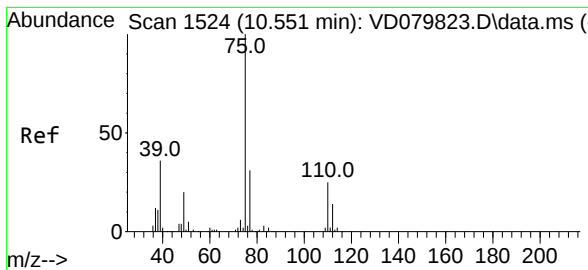
Reviewed By :Romaben Patel 09/13/2024
Supervised By :Mahesh Dadoda 09/16/2024



#42
Toluene
Concen: 1.374 ug/L
RT: 10.328 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VD079825.D
Acq: 12 Sep 2024 11:30

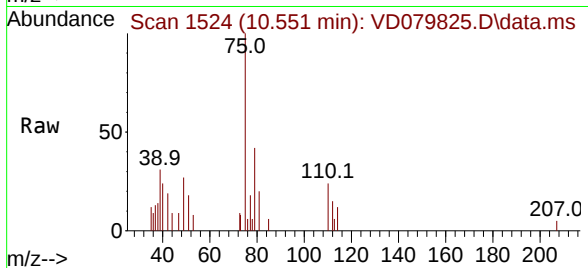
Tgt Ion: 91 Resp: 17681
Ion Ratio Lower Upper
91 100
92 51.9 38.6 71.8





#44
trans-1,3-Dichloropropene
Concen: 1.357 ug/L m
RT: 10.551 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VD079825.D
Acq: 12 Sep 2024 11:30

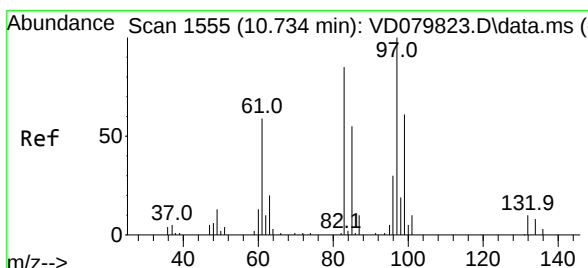
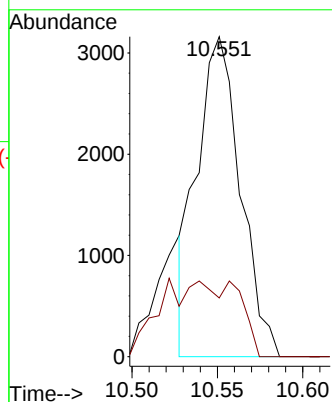
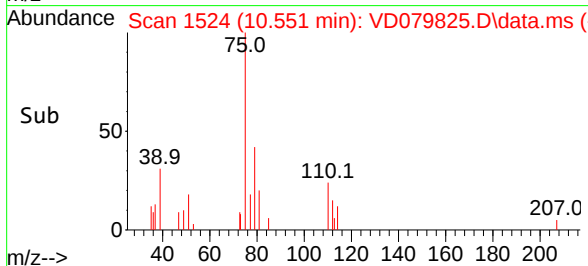
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-QT3-2024-06



Tgt Ion: 75 Resp: 5592
Ion Ratio Lower Upper
75 100
77 18.3 21.8 40.4

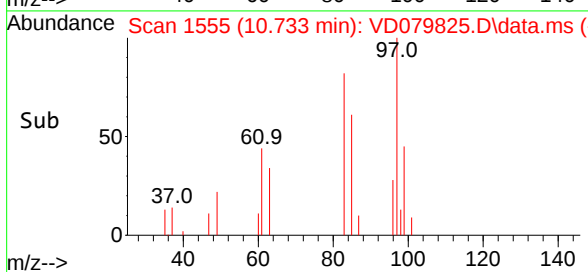
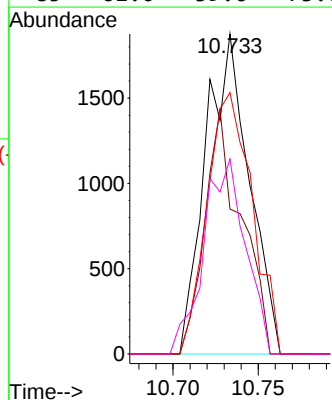
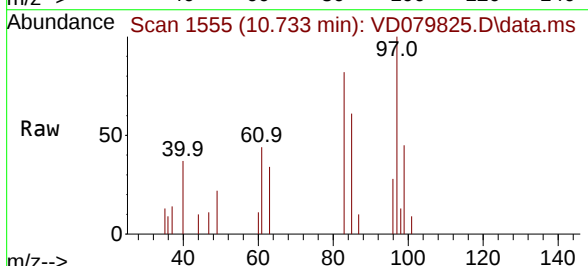
Manual Integrations
APPROVED

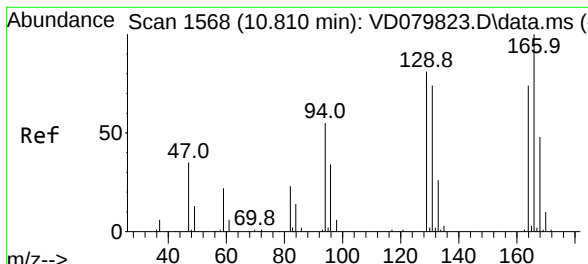
Reviewed By :Romaben Patel 09/13/2024
Supervised By :Mahesh Dadoda 09/16/2024



#45
1,1,2-Trichloroethane
Concen: 1.469 ug/L
RT: 10.733 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD079825.D
Acq: 12 Sep 2024 11:30

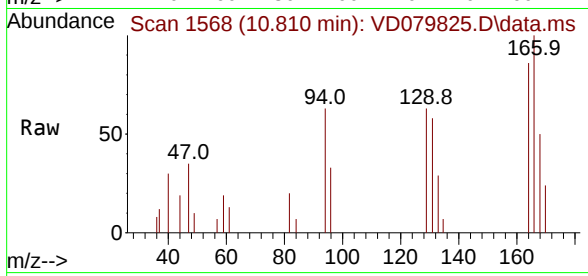
Tgt Ion: 97 Resp: 3344
Ion Ratio Lower Upper
97 100
99 45.3 45.1 83.7
83 81.7 65.2 121.0
85 61.0 39.6 73.6





#46
 Tetrachloroethene
 Concen: 1.397 ug/L
 RT: 10.810 min Scan# 1568
 Delta R.T. -0.000 min
 Lab File: VD079825.D
 Acq: 12 Sep 2024 11:30

Instrument : MSVOA_D
 ClientSampleId : MDL-SOIL-QT3-2024-06

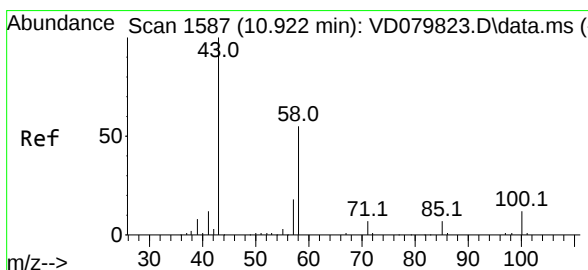
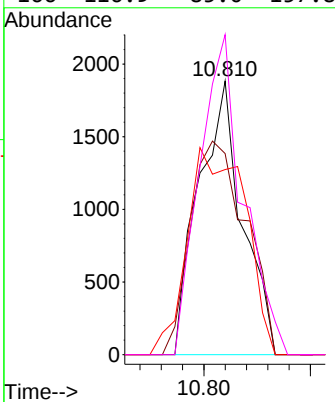
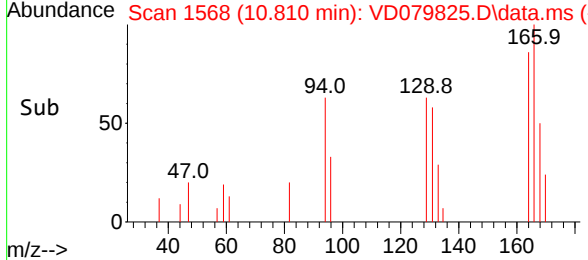


Tgt Ion: 164 Resp: 267

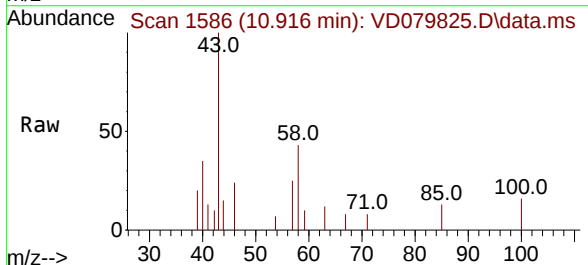
Ion	Ratio	Lower	Upper
164	100		
129	73.5	68.7	127.5
131	67.7	62.5	116.1
166	116.9	85.0	157.8

Manual Integrations
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Reviewed By :Romaben Patel 09/13/2024
 Supervised By :Mahesh Dadoda 09/16/2024

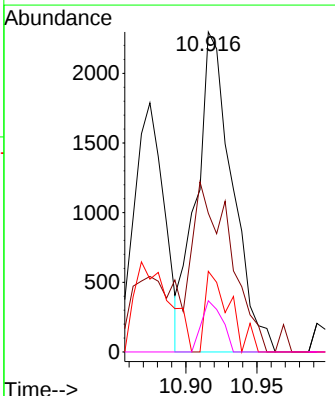
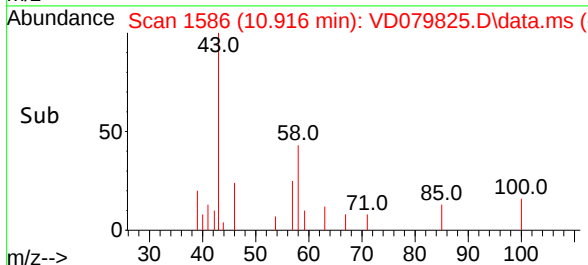


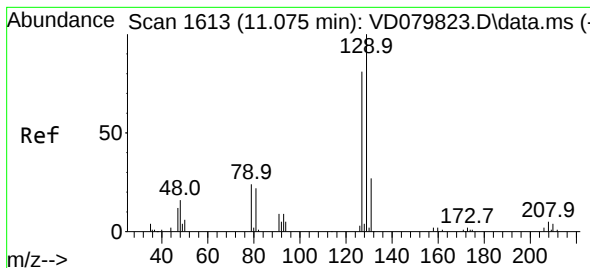
#48
 2-Hexanone
 Concen: 2.855 ug/L
 RT: 10.916 min Scan# 1586
 Delta R.T. -0.006 min
 Lab File: VD079825.D
 Acq: 12 Sep 2024 11:30



Tgt Ion: 43 Resp: 4050

Ion	Ratio	Lower	Upper
43	100		
58	33.3	44.7	67.1#
57	15.3	13.6	20.4
100	9.1	8.9	13.3





#49

Dibromochloromethane

Concen: 1.391 ug/L

RT: 11.075 min Scan# 1613

Delta R.T. -0.000 min

Lab File: VD079825.D

Acq: 12 Sep 2024 11:30

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-QT3-2024-06

Tgt Ion:129 Resp: 3450

Ion Ratio Lower Upper

129 100

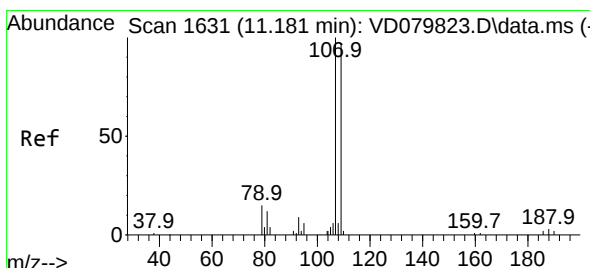
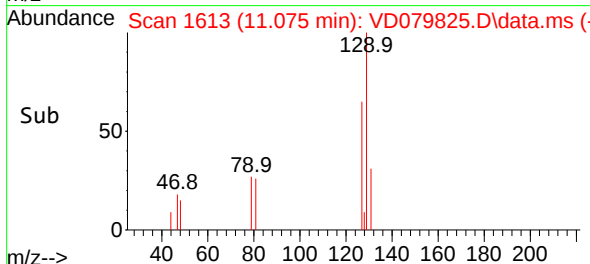
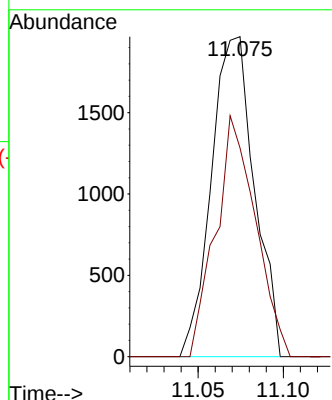
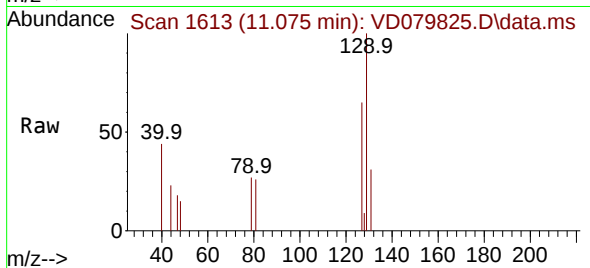
127 65.2 55.2 102.6

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 09/13/2024

Supervised By :Mahesh Dadoda 09/16/2024



#50

1,2-Dibromoethane

Concen: 1.370 ug/L

RT: 11.180 min Scan# 1631

Delta R.T. -0.000 min

Lab File: VD079825.D

Acq: 12 Sep 2024 11:30

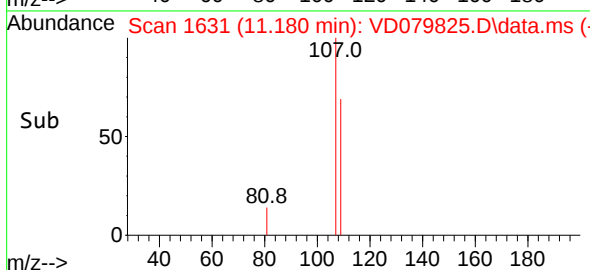
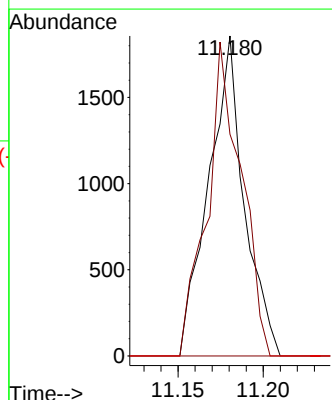
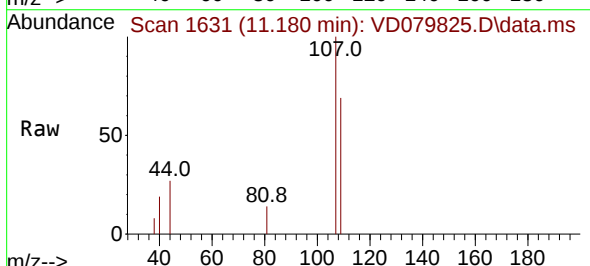
Tgt Ion:107 Resp: 2692

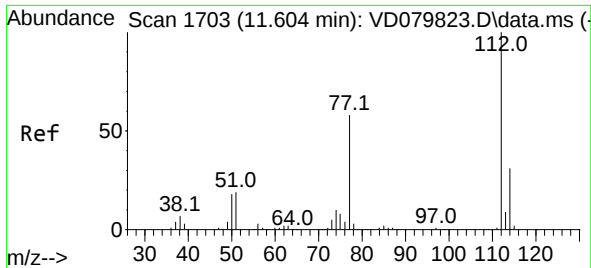
Ion Ratio Lower Upper

107 100

109 69.3 61.5 114.1

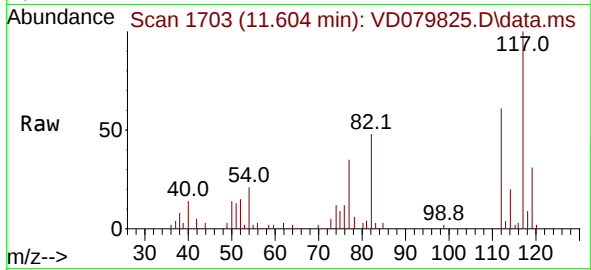
188 0.0 2.3 3.5#





#51
Chlorobenzene
Concen: 1.342 ug/L
RT: 11.604 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD079825.D
Acq: 12 Sep 2024 11:30

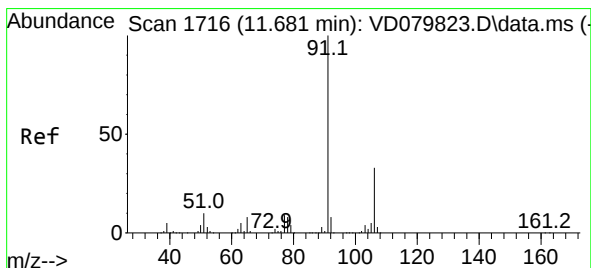
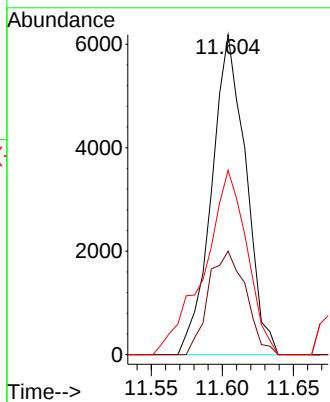
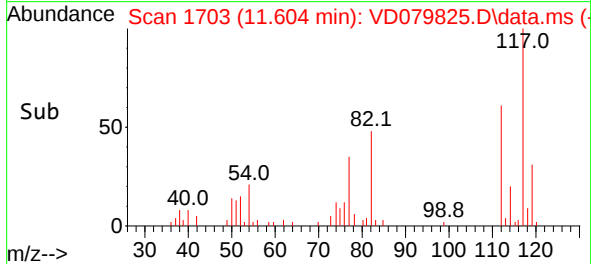
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-QT3-2024-06



Tgt Ion: 112 Resp: 1036
Ion Ratio Lower Upper
112 100
114 32.4 22.0 41.0
77 57.6 46.7 70.1

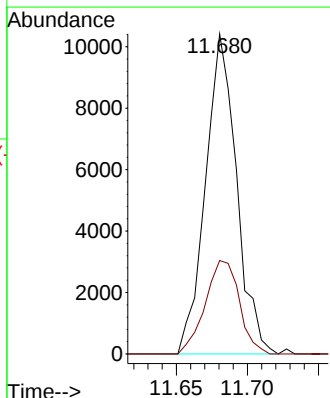
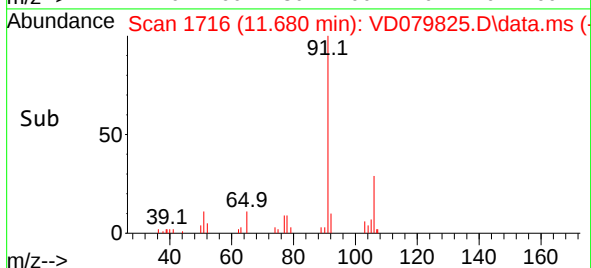
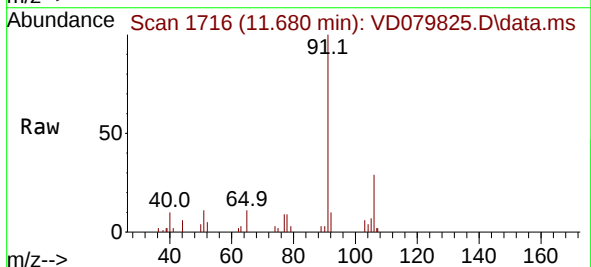
Manual Integrations
APPROVED

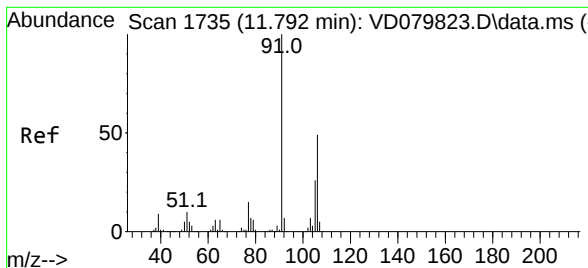
Reviewed By :Romaben Patel 09/13/2024
Supervised By :Mahesh Dadoda 09/16/2024



#52
Ethylbenzene
Concen: 1.171 ug/L
RT: 11.680 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD079825.D
Acq: 12 Sep 2024 11:30

Tgt Ion: 91 Resp: 15832
Ion Ratio Lower Upper
91 100
106 29.2 21.3 39.5





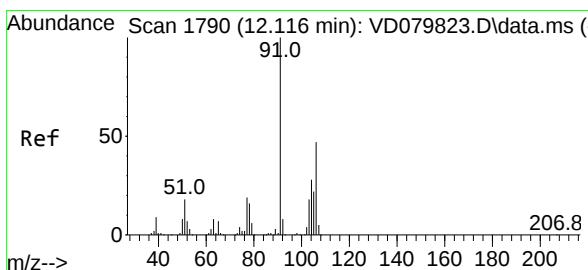
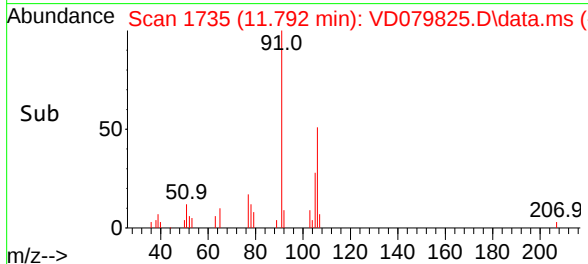
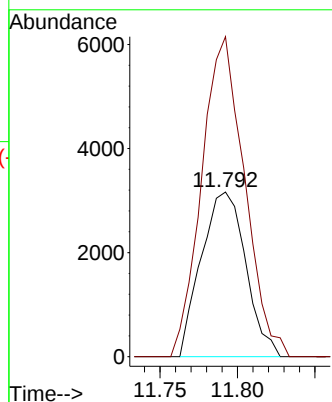
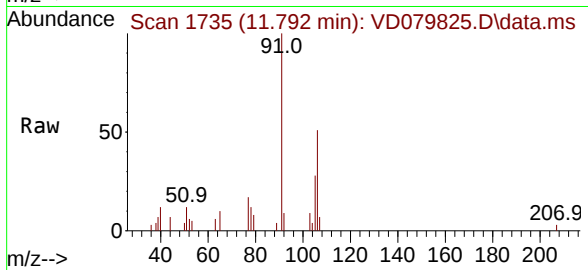
#53
m,p-Xylene
Concen: 1.231 ug/L
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD079825.D
Acq: 12 Sep 2024 11:30

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-QT3-2024-06

Tgt Ion:106 Resp: 6302
Ion Ratio Lower Upper
106 100
91 194.4 138.3 256.9

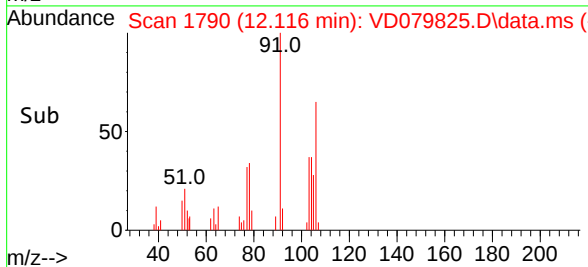
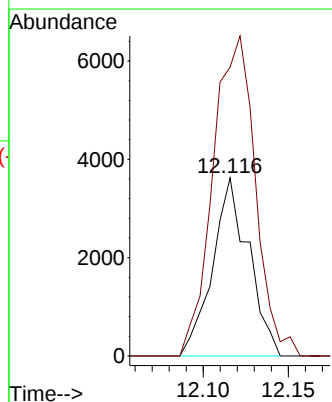
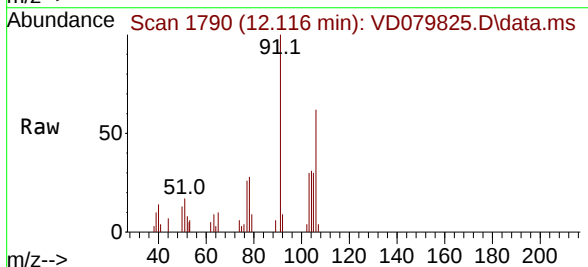
Manual Integrations
APPROVED

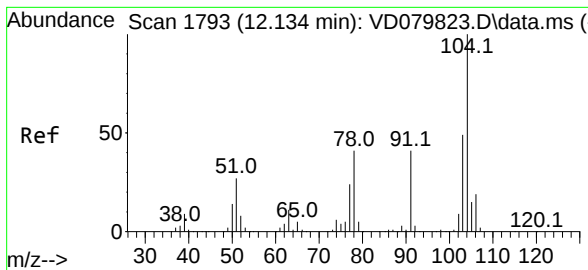
Reviewed By :Romaben Patel 09/13/2024
Supervised By :Mahesh Dadoda 09/16/2024



#54
o-Xylene
Concen: 1.062 ug/L
RT: 12.116 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VD079825.D
Acq: 12 Sep 2024 11:30

Tgt Ion:106 Resp: 5333
Ion Ratio Lower Upper
106 100
91 162.3 152.6 283.4





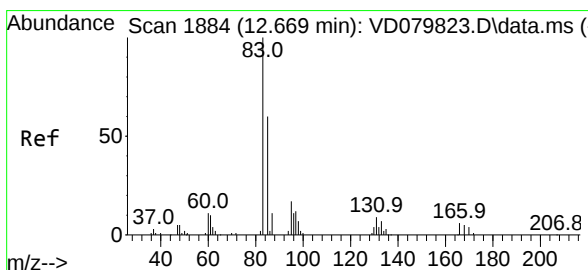
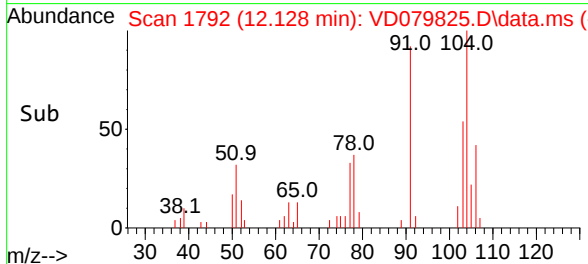
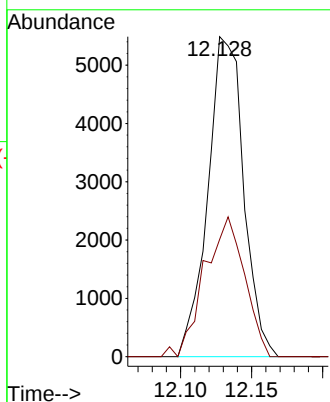
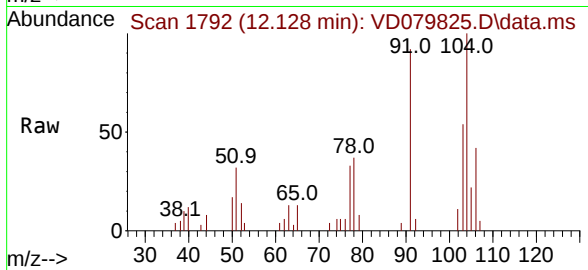
#55
Styrene
Concen: 1.090 ug/L
RT: 12.128 min Scan# 1792
Delta R.T. -0.006 min
Lab File: VD079825.D
Acq: 12 Sep 2024 11:30

Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-QT3-2024-06

Tgt Ion:104 Resp: 961
Ion Ratio Lower Upper
104 100
78 36.7 30.7 57.1

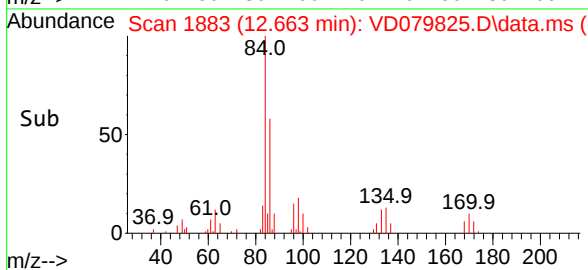
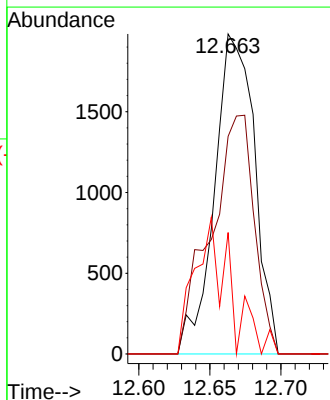
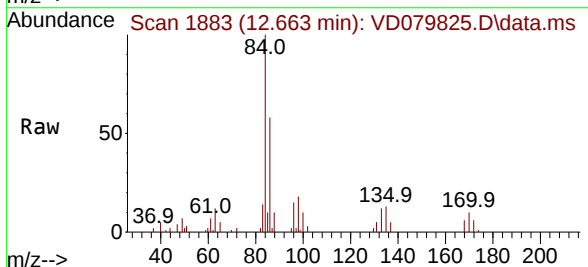
Manual Integrations
APPROVED

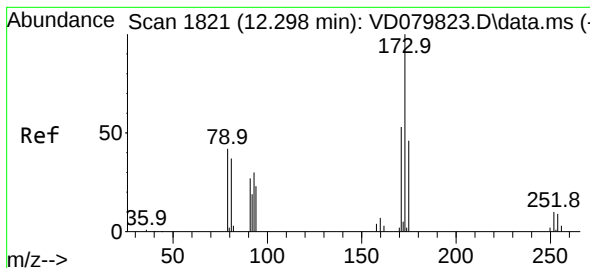
Reviewed By :Romaben Patel 09/13/2024
Supervised By :Mahesh Dadoda 09/16/2024



#57
1,1,2,2-Tetrachloroethane
Concen: 1.459 ug/L
RT: 12.663 min Scan# 1883
Delta R.T. -0.006 min
Lab File: VD079825.D
Acq: 12 Sep 2024 11:30

Tgt Ion: 83 Resp: 3893
Ion Ratio Lower Upper
83 100
85 68.0 46.8 87.0
131 38.0 6.5 9.7#





#59

Bromoform

Concen: 1.618 ug/L

RT: 12.298 min Scan# 1821

Delta R.T. -0.000 min

Lab File: VD079825.D

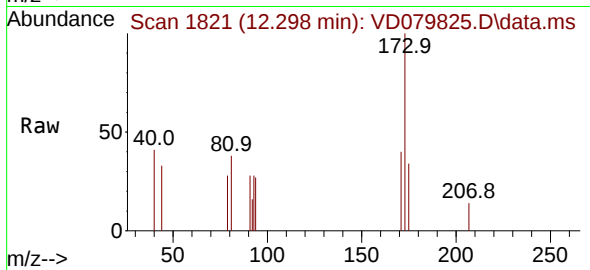
Acq: 12 Sep 2024 11:30

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-QT3-2024-06



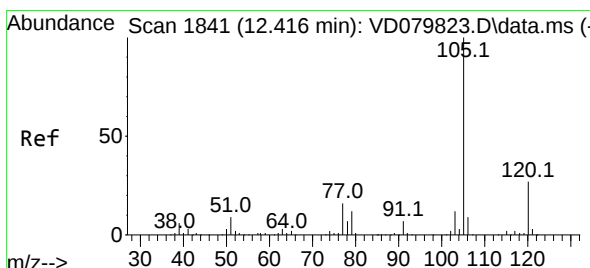
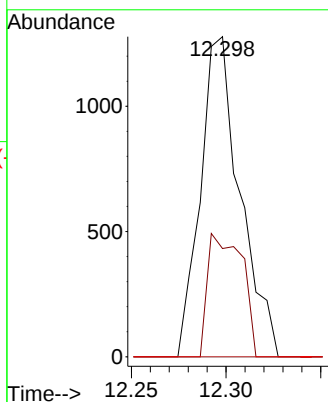
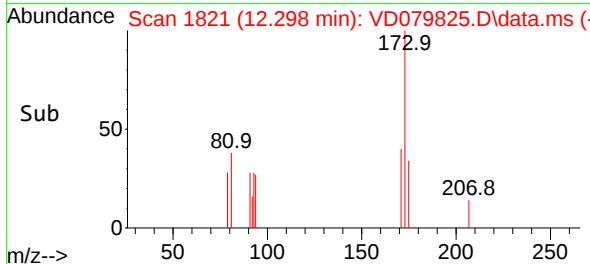
Tgt Ion:	173	Resp:	185
Ion Ratio	Lower	Upper	
173	100		
175	17.5	39.2	58.8
254	0.0	5.5	8.3

Manual Integrations

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Reviewed By :Romaben Patel 09/13/2024

Supervised By :Mahesh Dadoda 09/16/2024



#60

Isopropylbenzene

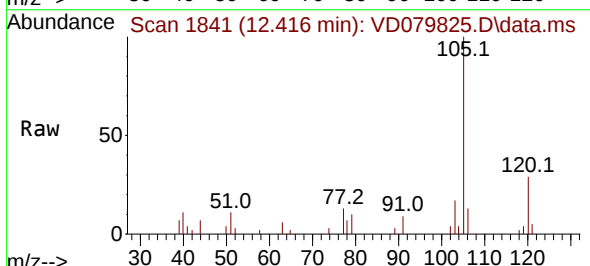
Concen: 1.146 ug/L

RT: 12.416 min Scan# 1841

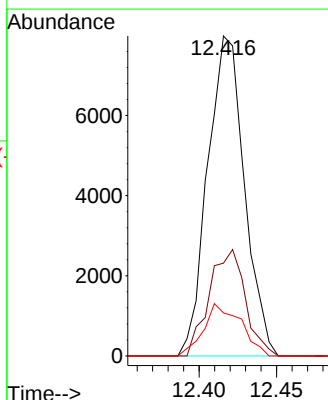
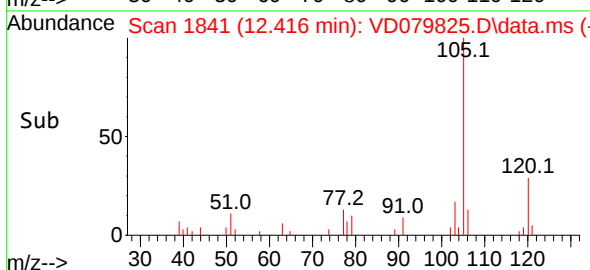
Delta R.T. -0.000 min

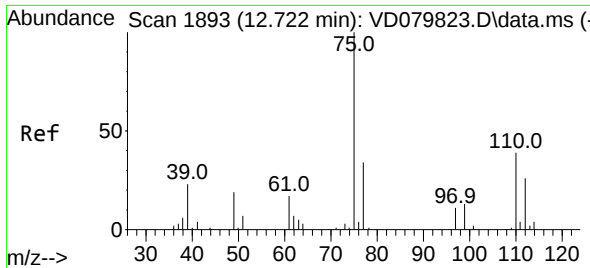
Lab File: VD079825.D

Acq: 12 Sep 2024 11:30



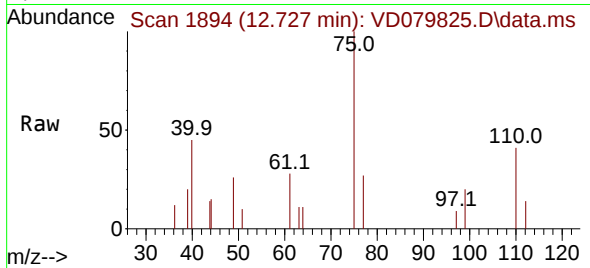
Tgt Ion:	105	Resp:	13170
Ion Ratio	Lower	Upper	
105	100		
120	32.6	20.9	31.3
77	16.5	12.6	19.0





#61
1,2,3-Trichloropropane
Concen: 1.510 ug/L
RT: 12.727 min Scan# 1893
Delta R.T. 0.006 min
Lab File: VD079825.D
Acq: 12 Sep 2024 11:30

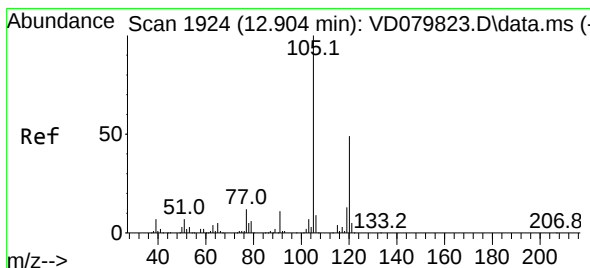
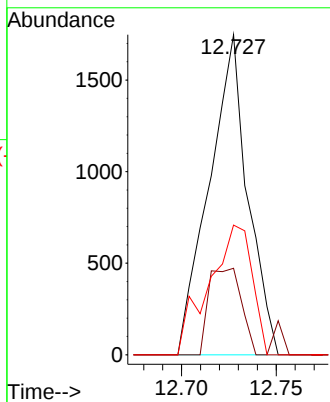
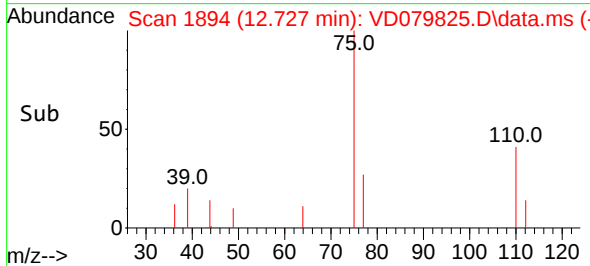
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-QT3-2024-06



Tgt Ion: 75 Resp: 2469
Ion Ratio Lower Upper
75 100
77 22.9 25.1 37.7
110 45.4 30.1 45.1

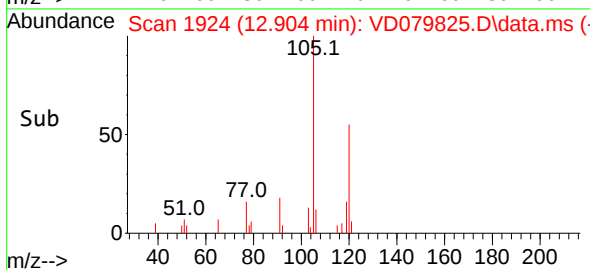
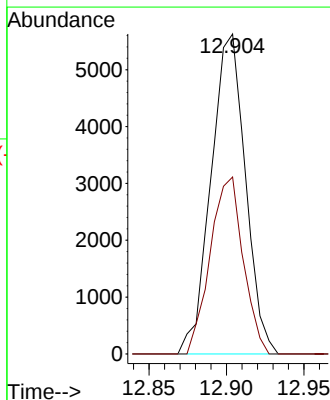
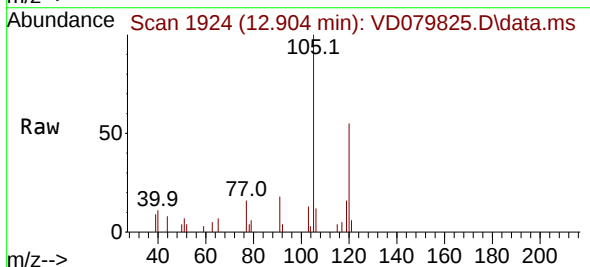
Manual Integrations
APPROVED

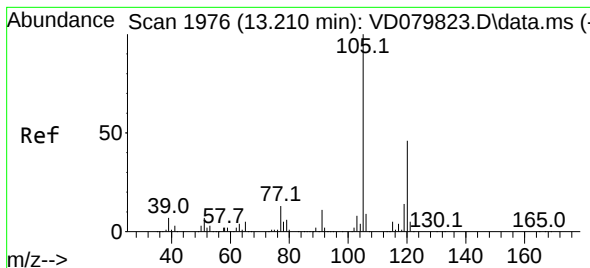
Reviewed By :Romaben Patel 09/13/2024
Supervised By :Mahesh Dadoda 09/16/2024



#62
1,3,5-Trimethylbenzene
Concen: 1.034 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD079825.D
Acq: 12 Sep 2024 11:30

Tgt Ion:105 Resp: 8686
Ion Ratio Lower Upper
105 100
120 53.0 38.3 57.5





#63

1,2,4-Trimethylbenzene

Concen: 1.167 ug/L

RT: 13.210 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VD079825.D

Acq: 12 Sep 2024 11:30

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-QT3-2024-06

Tgt Ion:105 Resp: 10278

Ion Ratio Lower Upper

105 100

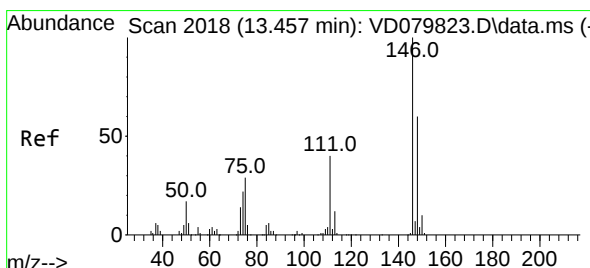
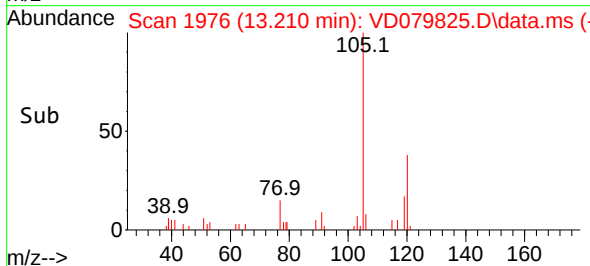
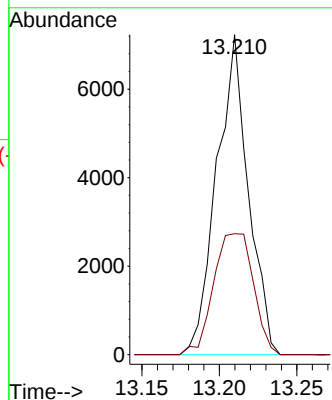
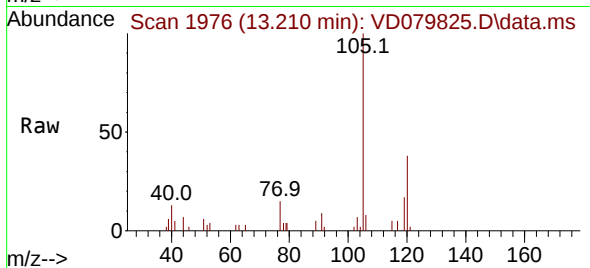
120 47.6 36.3 54.5

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 09/13/2024

Supervised By :Mahesh Dadoda 09/16/2024



#64

1,3-Dichlorobenzene

Concen: 1.349 ug/L

RT: 13.457 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VD079825.D

Acq: 12 Sep 2024 11:30

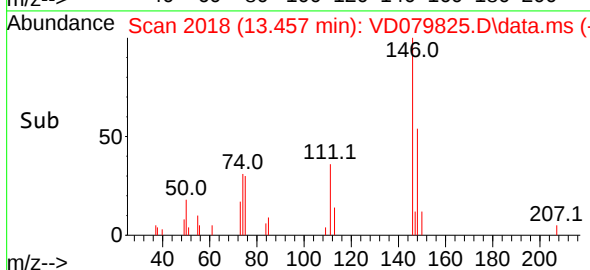
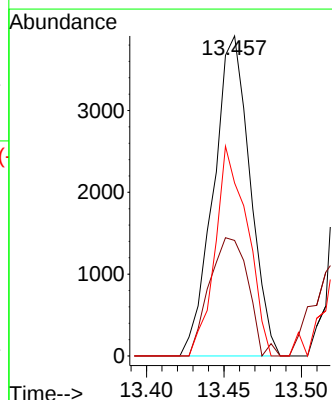
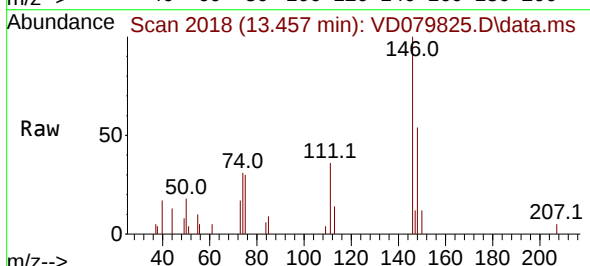
Tgt Ion:146 Resp: 6404

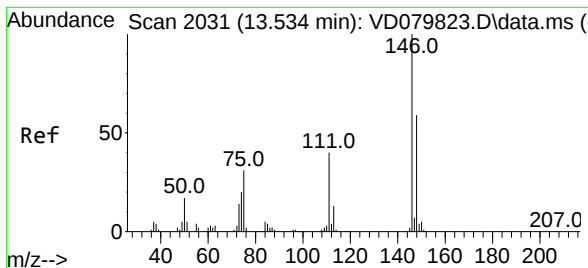
Ion Ratio Lower Upper

146 100

111 36.1 27.4 50.8

148 54.1 45.6 84.8





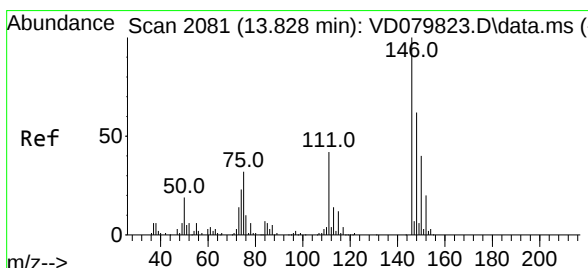
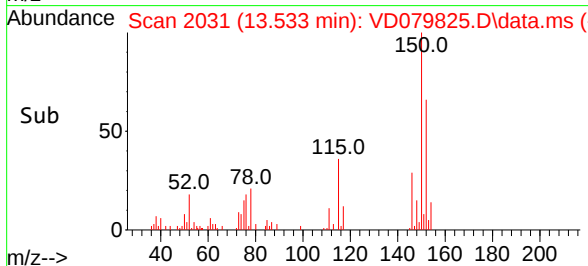
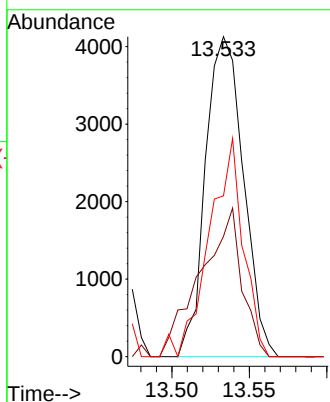
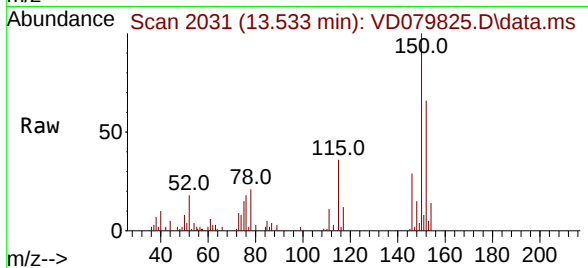
#65
1,4-Dichlorobenzene
Concen: 1.410 ug/L
RT: 13.533 min Scan# 2031
Delta R.T. -0.000 min
Lab File: VD079825.D
Acq: 12 Sep 2024 11:30

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-QT3-2024-06

Tgt Ion:146 Resp: 7020
Ion Ratio Lower Upper
146 100
111 37.6 27.6 51.4
148 50.3 46.1 85.7

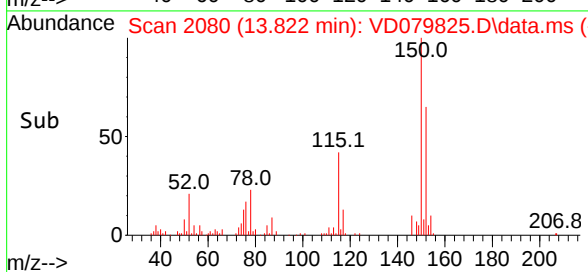
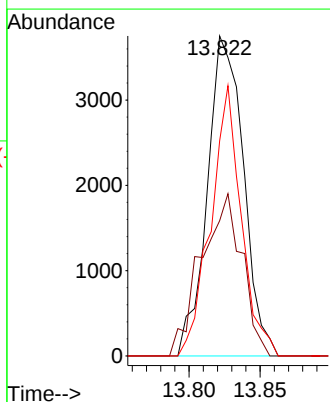
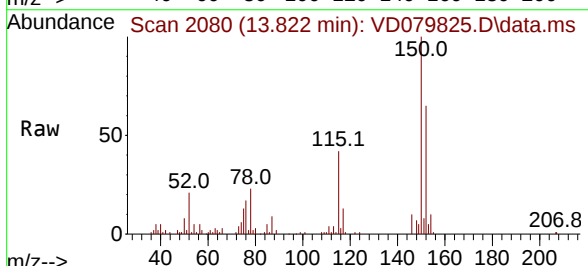
Manual Integrations
APPROVED

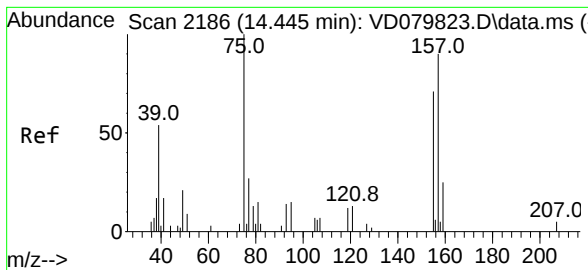
Reviewed By :Romaben Patel 09/13/2024
Supervised By :Mahesh Dadoda 09/16/2024



#67
1,2-Dichlorobenzene
Concen: 1.548 ug/L
RT: 13.822 min Scan# 2080
Delta R.T. -0.006 min
Lab File: VD079825.D
Acq: 12 Sep 2024 11:30

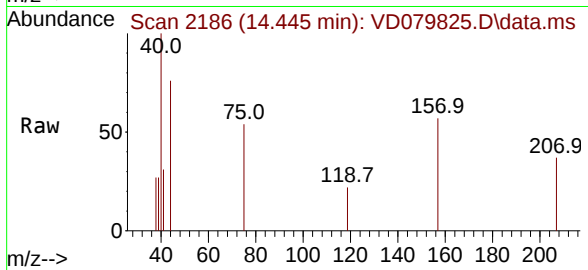
Tgt Ion:146 Resp: 6644
Ion Ratio Lower Upper
146 100
111 42.2 36.9 55.3
148 67.2 51.8 77.8





#68
1,2-Dibromo-3-chloropropane
Concen: 1.237 ug/L m
RT: 14.445 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VD079825.D
Acq: 12 Sep 2024 11:30

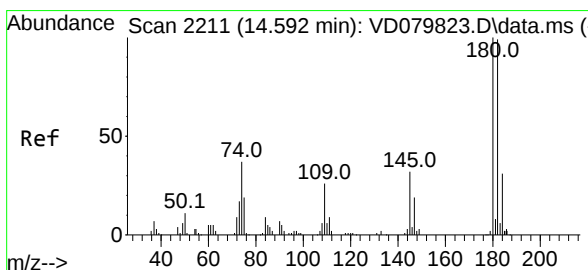
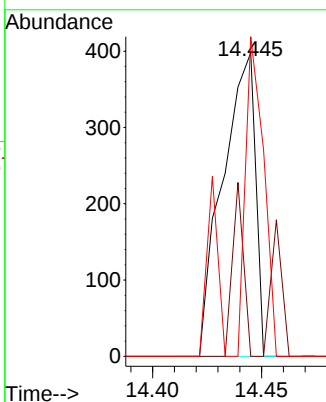
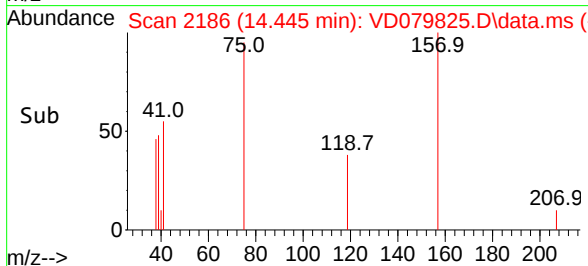
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-QT3-2024-06



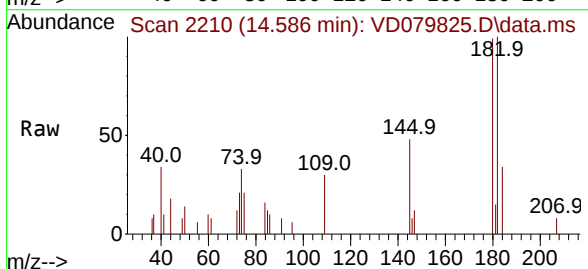
Tgt Ion: 75 Resp: 414
Ion Ratio Lower Upper
75 100
155 0.0 57.2 85.8
157 105.3 59.7 89.5

Manual Integrations
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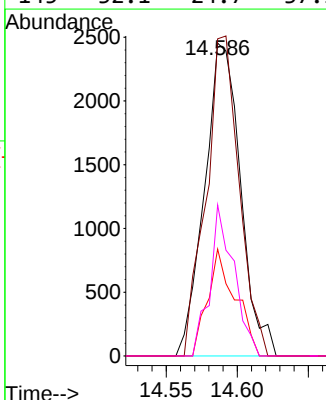
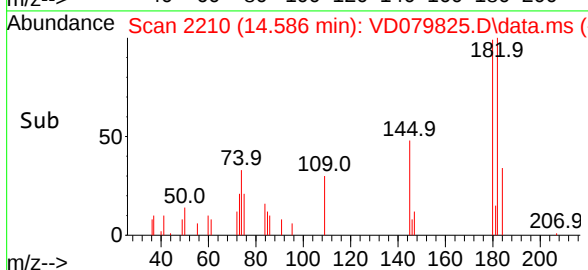
Reviewed By :Romaben Patel 09/13/2024
Supervised By :Mahesh Dadoda 09/16/2024

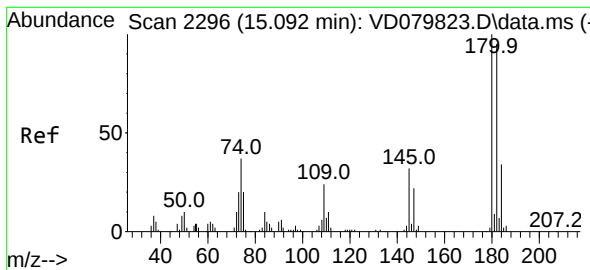


#69
1,3,5-Trichlorobenzene
Concen: 1.505 ug/L
RT: 14.586 min Scan# 2210
Delta R.T. -0.006 min
Lab File: VD079825.D
Acq: 12 Sep 2024 11:30



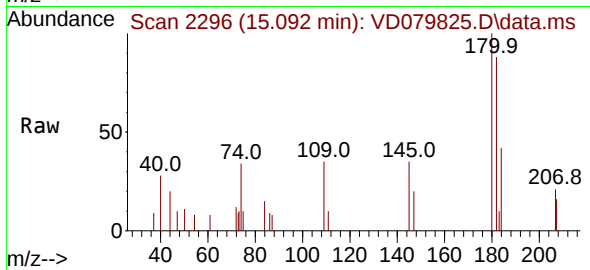
Tgt Ion:180 Resp: 4333
Ion Ratio Lower Upper
180 100
182 93.7 72.6 109.0
184 26.2 24.2 36.2
145 32.1 24.7 37.1





#70
1,2,4-trichlorobenzene
Concen: 1.426 ug/L
RT: 15.092 min Scan# 2296
Delta R.T. -0.000 min
Lab File: VD079825.D
Acq: 12 Sep 2024 11:30

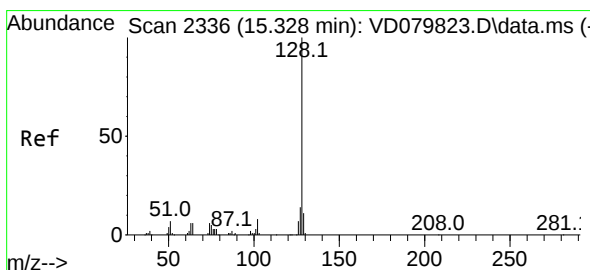
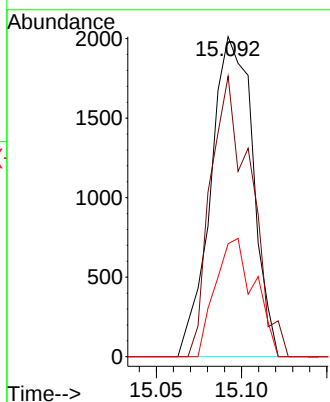
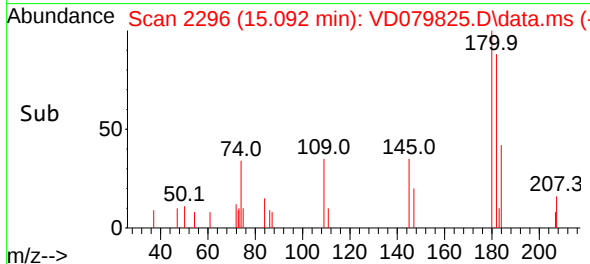
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-QT3-2024-06



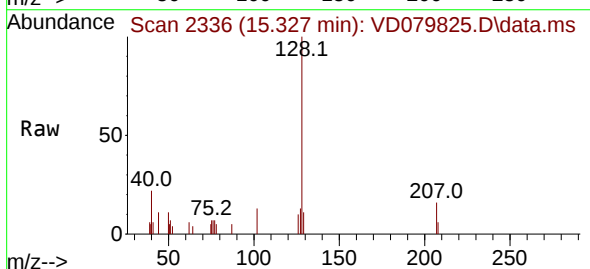
Tgt Ion:180 Resp: 3458
Ion Ratio Lower Upper
180 100
182 83.6 75.9 113.9
145 34.4 26.6 40.0

Manual Integrations
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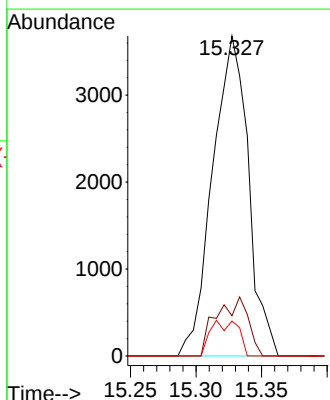
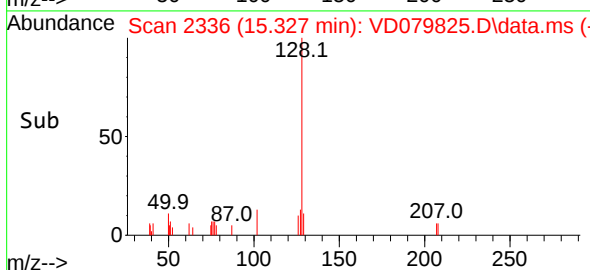
Reviewed By :Romaben Patel 09/13/2024
Supervised By :Mahesh Dadoda 09/16/2024

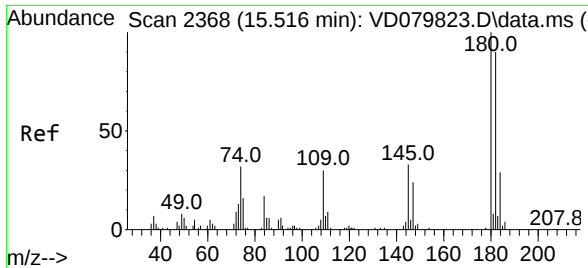


#71
Naphthalene
Concen: 1.288 ug/L
RT: 15.327 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VD079825.D
Acq: 12 Sep 2024 11:30



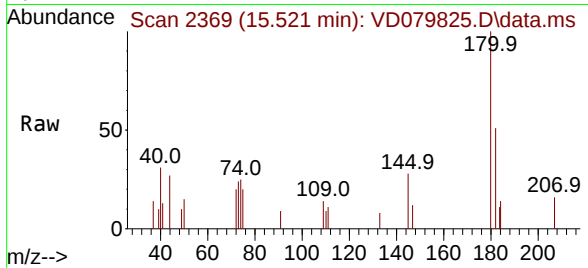
Tgt Ion:128 Resp: 6972
Ion Ratio Lower Upper
128 100
127 16.4 11.2 16.8
129 3.7 8.6 13.0#





#72
1,2,3-Trichlorobenzene
Concen: 1.419 ug/L
RT: 15.521 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD079825.D
Acq: 12 Sep 2024 11:30

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-QT3-2024-06



Tgt Ion:180 Resp: 3070
Ion Ratio Lower Upper
180 100
182 64.3 74.1 111.1
145 26.3 26.4 39.6

Manual Integrations
APPROVED

Reviewed By :Romaben Patel 09/13/2024
Supervised By :Mahesh Dadoda 09/16/2024

