

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061024\
 Data File : VD079159.D
 Acq On : 10 Jun 2024 15:26
 Operator : RP/MD
 Sample : P2775-02MS
 Misc : 5.30G/10ml/MSVOA_D/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A4BQ3MS

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/13/2024
 Supervised By :Semsettin Yesilyurt 06/13/2024

Quant Time: Jun 11 02:48:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDL052924SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jun 11 02:46:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	99014	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	66612	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	17149	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	81712	26.818	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	= 107.280%		
7) Chloroethane-d5	2.799	69	82496	28.001	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	= 112.000%		
11) 1,1-Dichloroethene-d2	3.916	65	13375	24.727	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	= 98.920%		
21) 2-Butanone-d5	6.987	46	8879	38.099	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	= 76.200%		
24) Chloroform-d	7.569	84	77198	27.885	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	= 111.520%		
26) 1,2-Dichloroethane-d4	8.228	65	35674	27.933	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	= 111.720%		
32) Benzene-d6	8.198	84	146091	39.562	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	= 158.240%#		
36) 1,2-Dichloropropane-d6	9.210	67	43020	40.443	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	= 161.760%#		
41) Toluene-d8	10.269	98	109481	31.664	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	= 126.640%		
43) trans-1,3-Dichloroprop...	10.528	79	14129	31.602	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	= 126.400%		
47) 2-Hexanone-d5	10.881	63	7409	53.878	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	= 107.760%		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	22920	24.327	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	= 97.320%		
66) 1,2-Dichlorobenzene-d4	13.816	152	13133	22.190	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	= 88.760%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	42507	27.120	ug/L	99
3) Chloromethane	2.146	50	76863	36.793	ug/L	98
5) Vinyl chloride	2.281	62	111667	32.386	ug/L	97
6) Bromomethane	2.693	94	72808	27.352	ug/L	99
8) Chloroethane	2.834	64	78851	31.201	ug/L	98
9) Trichlorofluoromethane	3.169	101	72189	27.483	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.963	101	37560	23.847	ug/L	99
12) 1,1-Dichloroethene	3.940	96	38554	28.116	ug/L	96
13) Acetone	4.022	43	13156	38.992	ug/L	94
14) Carbon disulfide	4.269	76	122161	25.538	ug/L	99
15) Methyl Acetate	4.563	43	9182m	19.974	ug/L	
16) Methylene chloride	4.804	84	62619	35.493	ug/L	94
17) trans-1,2-Dichloroethene	5.304	96	44060	29.732	ug/L	97
18) Methyl tert-butyl Ether	5.316	73	78118	29.723	ug/L	98
19) 1,1-Dichloroethane	6.110	63	76150	31.917	ug/L #	91
20) cis-1,2-Dichloroethene	7.081	96	47058	30.497	ug/L	92
22) 2-Butanone	7.075	43	15040m	42.433	ug/L	
23) Bromochloromethane	7.428	128	23451	29.977	ug/L	94
25) Chloroform	7.598	83	84556	31.215	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	46220	29.393	ug/L #	93
29) Cyclohexane	7.881	56	30100	25.045	ug/L	97
30) 1,1,1-Trichloroethane	7.793	97	64800	41.089	ug/L	99
31) Carbon tetrachloride	7.993	117	53196	36.298	ug/L	98
33) Benzene	8.251	78	175137	44.144	ug/L	100
34) Trichloroethene	9.022	95	36070	35.299	ug/L	92
35) Methylcyclohexane	9.269	83	27963	16.515	ug/L	97
37) 1,2-Dichloropropane	9.298	63	42062	43.283	ug/L	98
38) Bromodichloromethane	9.581	83	54869	40.616	ug/L	96
39) cis-1,3-Dichloropropene	10.016	75	51810	34.153	ug/L	98
40) 4-Methyl-2-pentanone	10.163	43	27137	66.895	ug/L	96
42) Toluene	10.334	91	152513	34.619	ug/L	99
44) trans-1,3-Dichloropropene	10.551	75	42763	33.335	ug/L	92
45) 1,1,2-Trichloroethane	10.734	97	31304	36.718	ug/L	97
46) Tetrachloroethene	10.810	164	22318	24.805	ug/L	90
48) 2-Hexanone	10.922	43	19491	55.525	ug/L	96
49) Dibromochloromethane	11.075	129	32746	32.435	ug/L	99
50) 1,2-Dibromoethane	11.175	107	27284	34.822	ug/L #	96
51) Chlorobenzene	11.604	112	73376	25.032	ug/L	98
52) Ethylbenzene	11.681	91	111208	24.200	ug/L	99
53) m,p-Xylene	11.792	106	42140	23.373	ug/L	89
54) o-Xylene	12.122	106	39297	22.560	ug/L	83
55) Styrene	12.134	104	66686	21.591	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.675	83	24719	25.902	ug/L	90
59) Bromoform	12.298	173	16016	50.957	ug/L	99
60) Isopropylbenzene	12.422	105	82558	36.408	ug/L	98
61) 1,2,3-Trichloropropane	12.722	75	18687	61.721	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	42870	27.651	ug/L	94
63) 1,2,4-Trimethylbenzene	13.210	105	46359	27.956	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	28733	26.377	ug/L	93
65) 1,4-Dichlorobenzene	13.539	146	27084	23.465	ug/L	97
67) 1,2-Dichlorobenzene	13.828	146	23241	23.079	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.445	75	2378	38.207	ug/L #	82
69) 1,3,5-Trichlorobenzene	14.592	180	9034	13.149	ug/L #	96
70) 1,2,4-trichlorobenzene	15.104	180	5580	9.779	ug/L #	90
71) Naphthalene	15.333	128	13518	12.668	ug/L #	90
72) 1,2,3-Trichlorobenzene	15.522	180	4300	8.719	ug/L	94

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

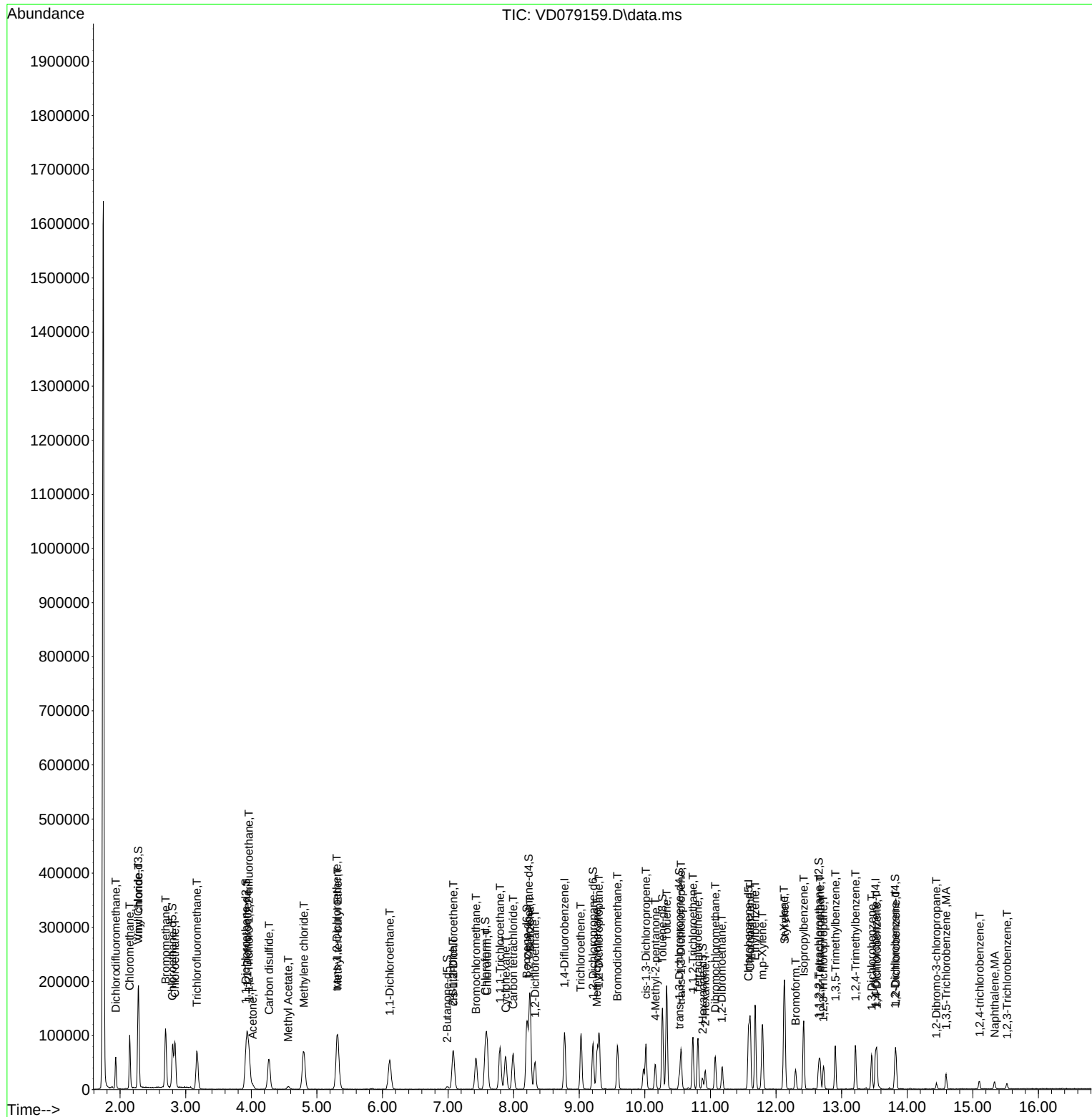
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061024\
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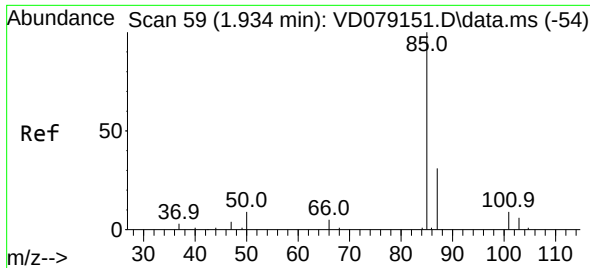
Instrument :
MSVOA_D
ClientSampleId :
A4BQ3MS

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Quant Title : SFAM01.0
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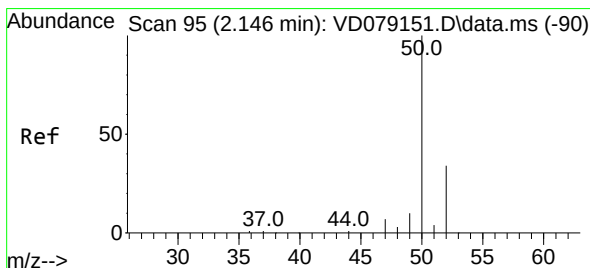
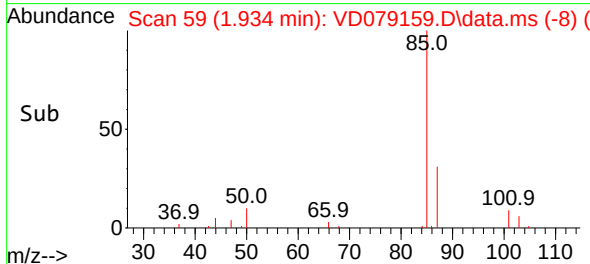
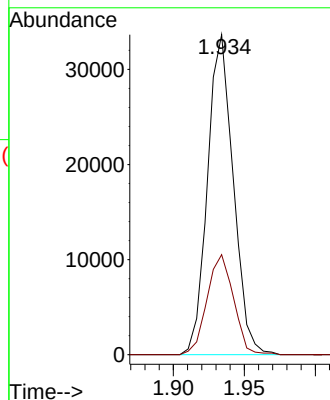
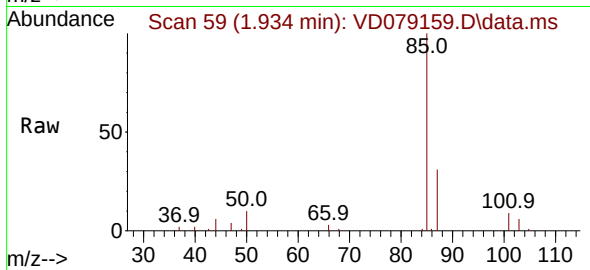
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 Dichlorodifluoromethane
 Concen: 27.120 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. -0.000 min
 Lab File: VD079159.D
 Acq: 10 Jun 2024 15:26

Instrument :
 MSVOA_D
 ClientSampleId :
 A4BQ3MS

Tgt Ion: 85 Resp: 4250
 Ion Ratio Lower Upper
 85 100
 87 32.0 26.2 39.4

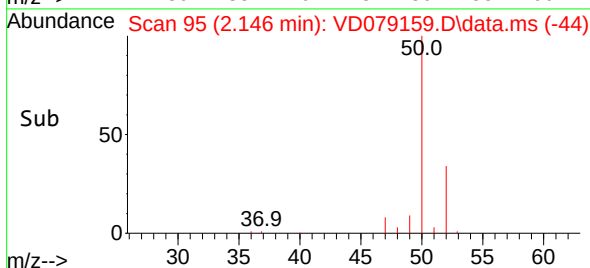
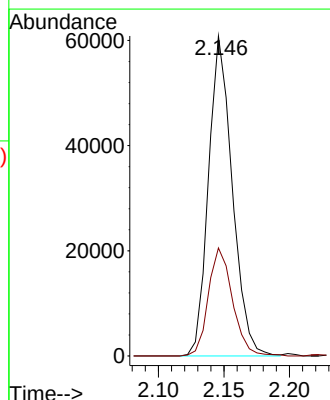
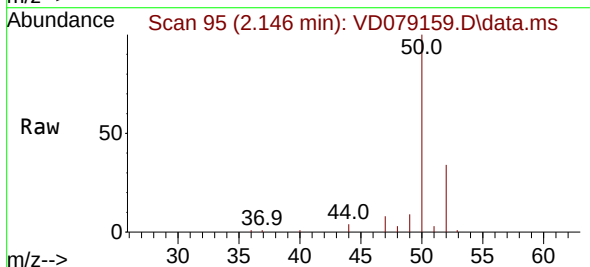
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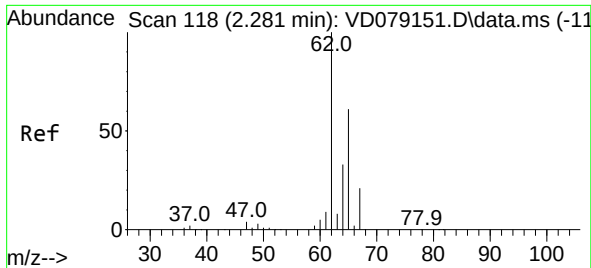
Reviewed By :Mahesh Dadoda 06/13/2024
 Supervised By :Semsettin Yesilyurt 06/13/2024



#3
 Chloromethane
 Concen: 36.793 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. -0.000 min
 Lab File: VD079159.D
 Acq: 10 Jun 2024 15:26

Tgt Ion: 50 Resp: 76863
 Ion Ratio Lower Upper
 50 100
 52 33.8 24.4 45.2





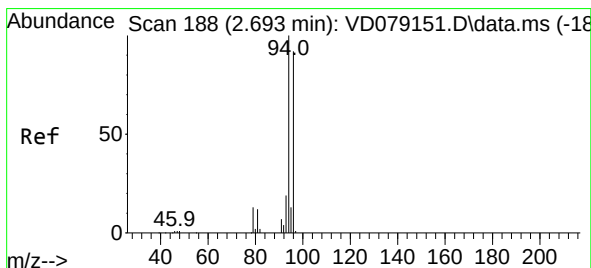
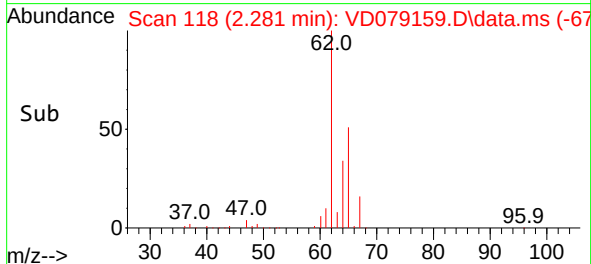
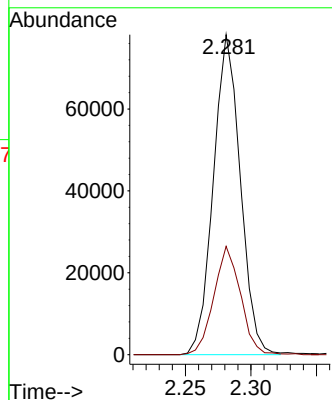
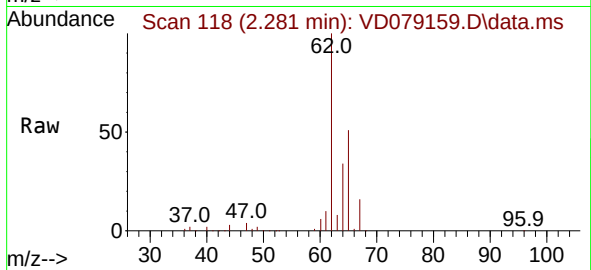
#5
 Vinyl chloride
 Concen: 32.386 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. -0.000 min
 Lab File: VD079159.D
 Acq: 10 Jun 2024 15:26

Instrument :
 MSVOA_D
 ClientSampleId :
 A4BQ3MS

Tgt Ion: 62 Resp: 11166
 Ion Ratio Lower Upper
 62 100
 64 33.9 24.8 46.1

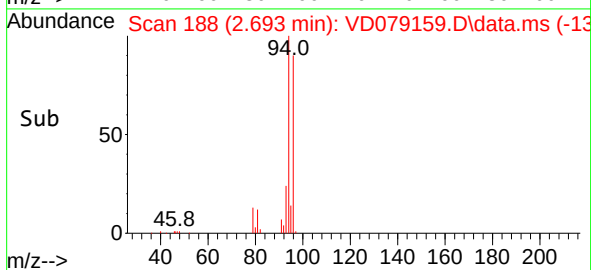
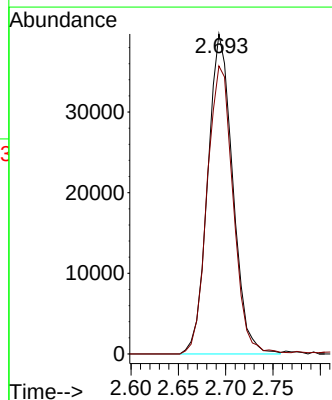
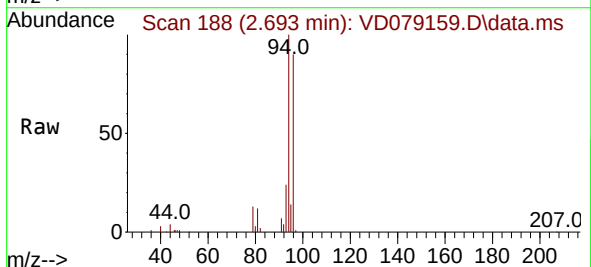
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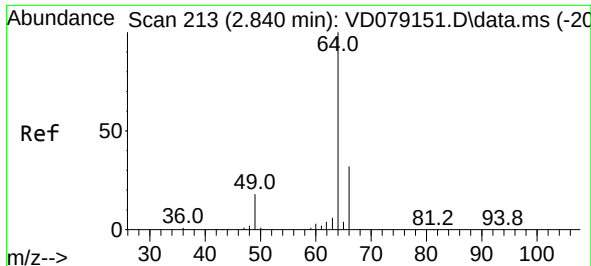
Reviewed By :Mahesh Dadoda 06/13/2024
 Supervised By :Semsettin Yesilyurt 06/13/2024



#6
 Bromomethane
 Concen: 27.352 ug/L
 RT: 2.693 min Scan# 188
 Delta R.T. -0.000 min
 Lab File: VD079159.D
 Acq: 10 Jun 2024 15:26

Tgt Ion: 94 Resp: 72808
 Ion Ratio Lower Upper
 94 100
 96 90.0 63.6 118.2





#8

Chloroethane

Concen: 31.201 ug/L

RT: 2.834 min Scan# 213

Delta R.T. -0.006 min

Lab File: VD079159.D

Acq: 10 Jun 2024 15:26

Instrument :

MSVOA_D

ClientSampleId :

A4BQ3MS

Tgt Ion: 64 Resp: 7885

Ion Ratio Lower Upper

64 100

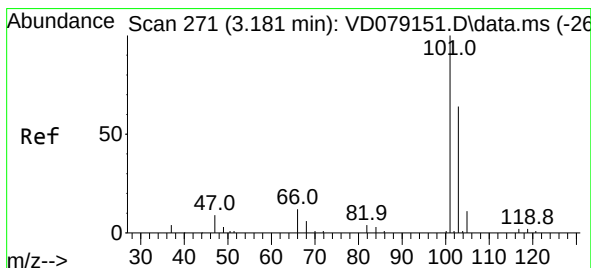
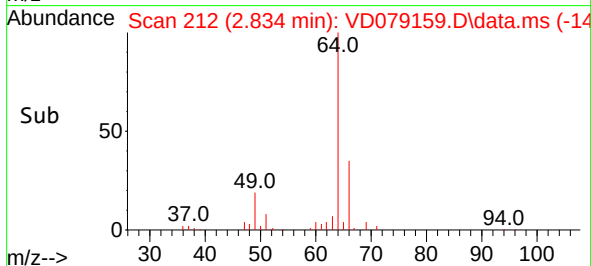
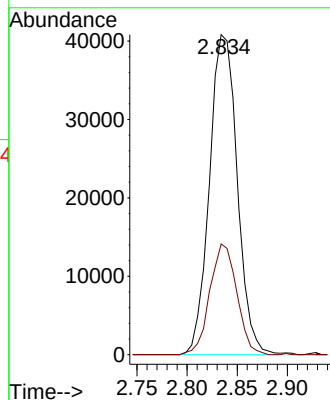
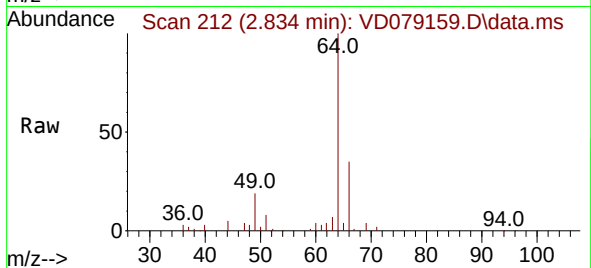
66 34.6 24.8 46.1

Manual Integrations

APPROVED

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Supervised By :Semsettin Yesilyurt 06/13/2024



#9

Trichlorofluoromethane

Concen: 27.483 ug/L

RT: 3.169 min Scan# 269

Delta R.T. -0.012 min

Lab File: VD079159.D

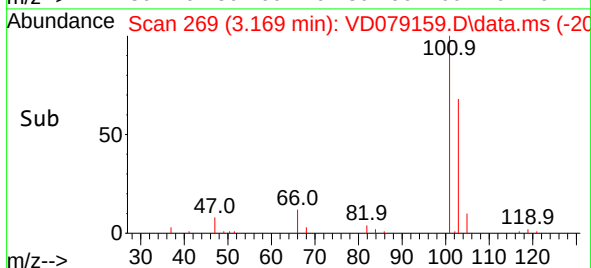
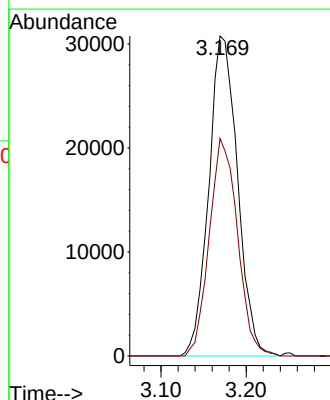
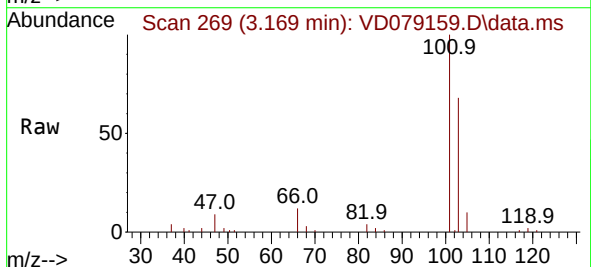
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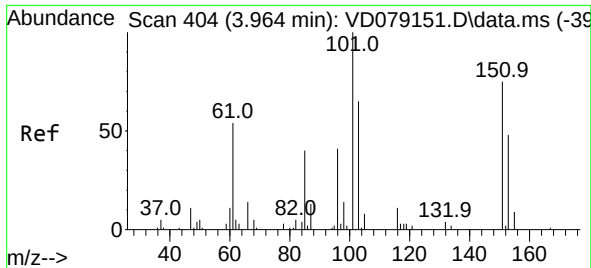
Tgt Ion:101 Resp: 72189

Ion Ratio Lower Upper

101 100

103 66.7 52.6 79.0





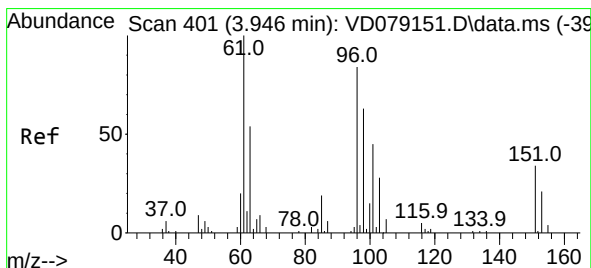
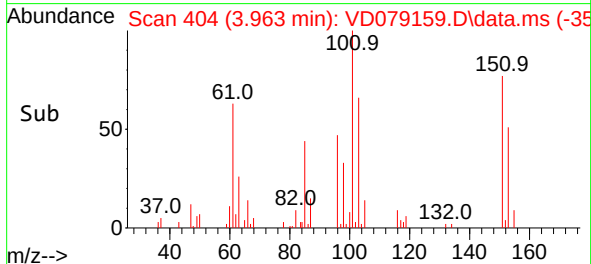
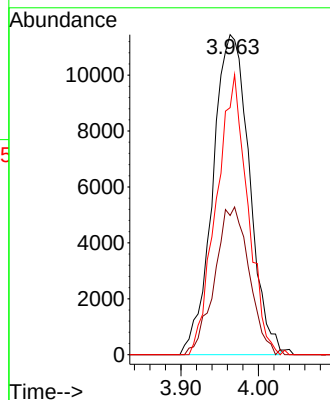
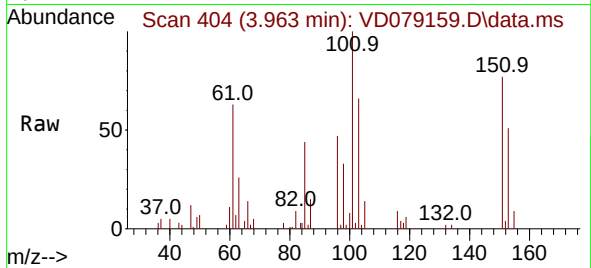
#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.847 ug/L
 RT: 3.963 min Scan# 404
 Delta R.T. -0.000 min
 Lab File: VD079159.D
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Tgt Ion:101 Resp: 37560
 Ion Ratio Lower Upper
 101 100
 85 43.3 35.4 53.0
 151 74.8 59.1 88.7

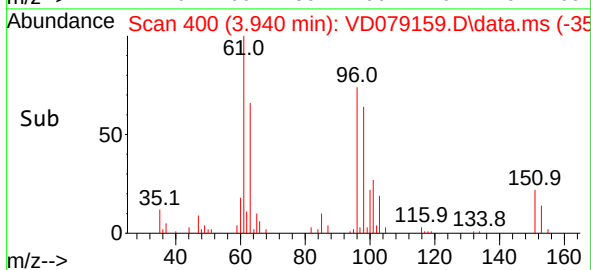
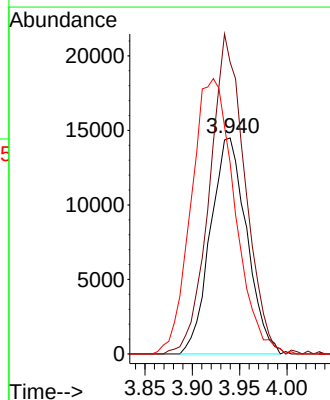
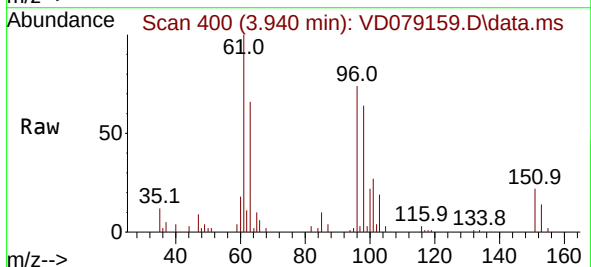
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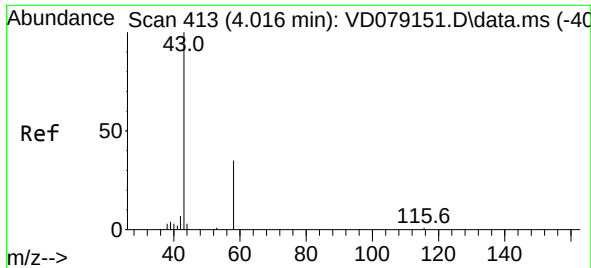
Reviewed By :Mahesh Dadoda 06/13/2024
 Supervised By :Semsettin Yesilyurt 06/13/2024



#12
 1,1-Dichloroethene
 Concen: 28.116 ug/L
 RT: 3.940 min Scan# 400
 Delta R.T. -0.006 min
 Lab File: VD079159.D
 Acq: 10 Jun 2024 15:26

Tgt Ion: 96 Resp: 38554
 Ion Ratio Lower Upper
 96 100
 61 135.0 93.9 174.3
 63 88.5 67.7 125.7





#13

Acetone

Concen: 38.992 ug/L

RT: 4.022 min Scan# 41

Delta R.T. 0.006 min

Lab File: VD079159.D

Acq: 10 Jun 2024 15:26

Instrument :

MSVOA_D

ClientSampleId :

A4BQ3MS

Tgt Ion: 43 Resp: 13150

Ion Ratio Lower Upper

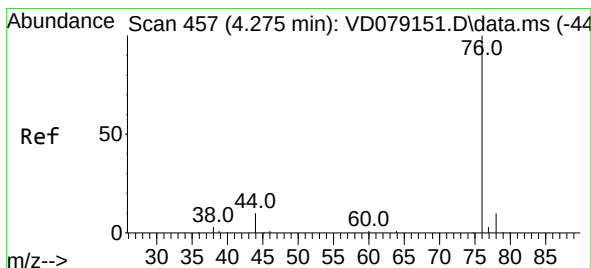
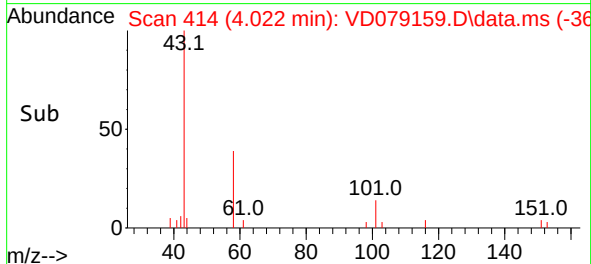
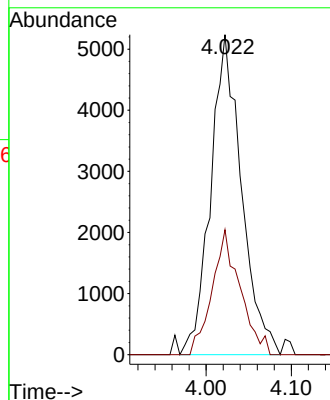
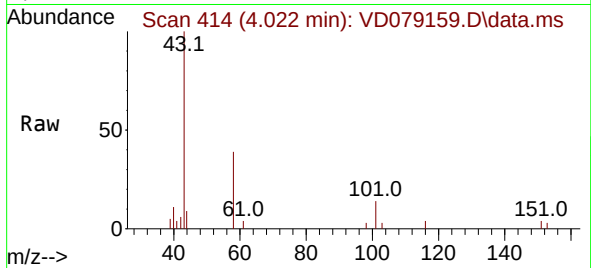
43 100

58 35.5 0.0 78.2

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#14

Carbon disulfide

Concen: 25.538 ug/L

RT: 4.269 min Scan# 456

Delta R.T. -0.006 min

Lab File: VD079159.D

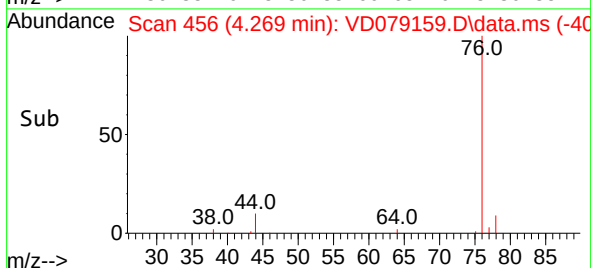
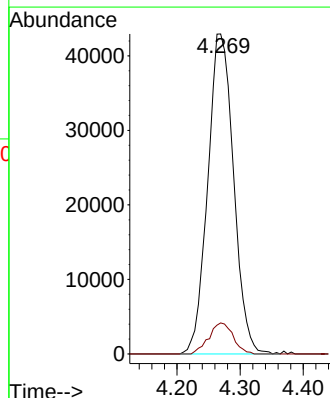
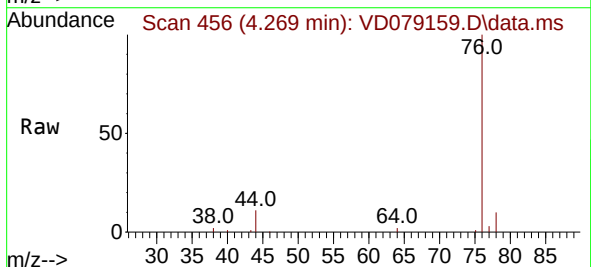
Acq: 10 Jun 2024 15:26

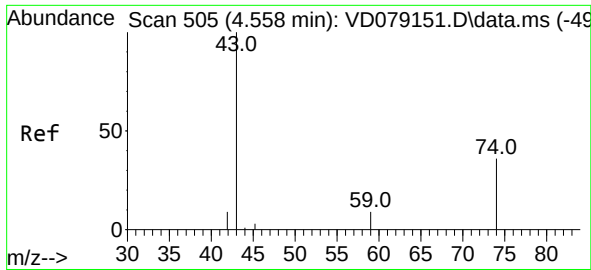
Tgt Ion: 76 Resp: 122161

Ion Ratio Lower Upper

76 100

78 9.7 7.5 11.3





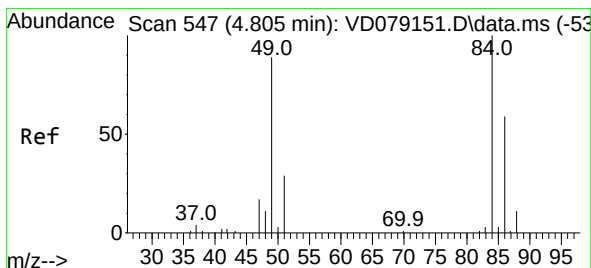
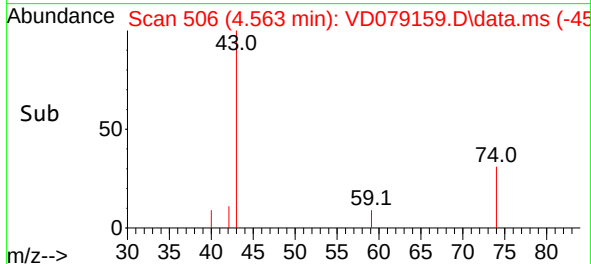
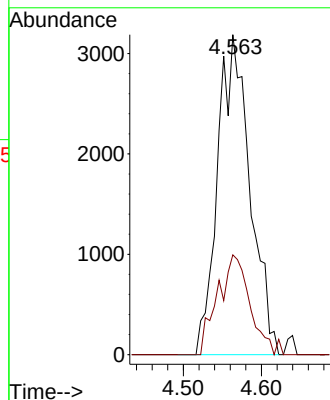
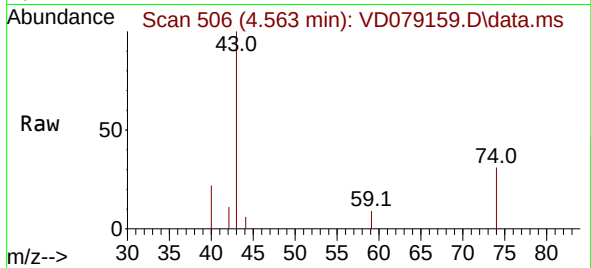
#15
Methyl Acetate
Concen: 19.974 ug/L m
RT: 4.563 min Scan# 505
Delta R.T. 0.006 min
Lab File: VD079159.D
Acq: 10 Jun 2024 15:26

Instrument :
MSVOA_D
ClientSampleId :
A4BQ3MS

Tgt Ion: 43 Resp: 918
Ion Ratio Lower Upper
43 100
74 9.5 23.8 35.6

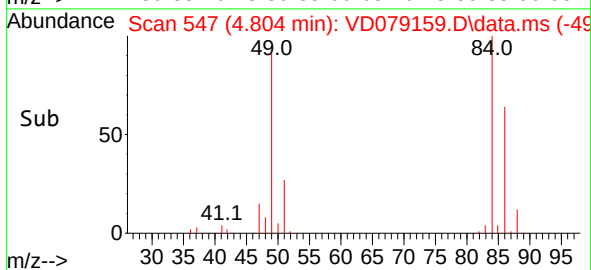
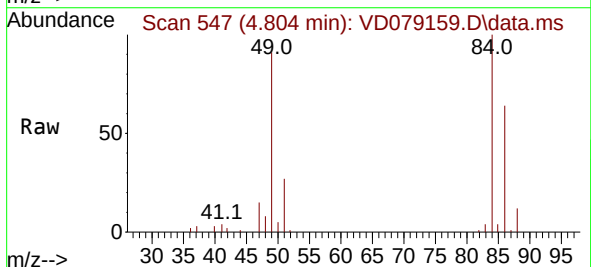
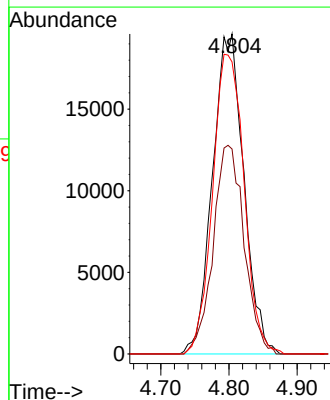
Manual Integrations
APPROVED

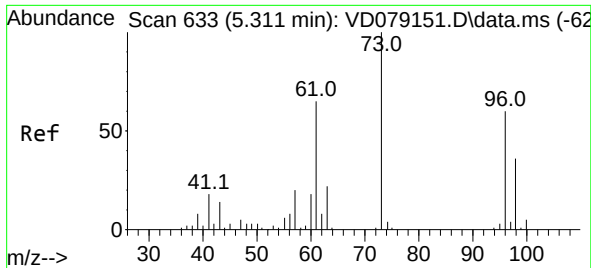
Reviewed By :Mahesh Dadoda 06/13/2024
Supervised By :Semsettin Yesilyurt 06/13/2024



#16
Methylene chloride
Concen: 35.493 ug/L
RT: 4.804 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD079159.D
Acq: 10 Jun 2024 15:26

Tgt Ion: 84 Resp: 62619
Ion Ratio Lower Upper
84 100
86 64.0 40.9 76.0
49 91.2 67.5 125.3





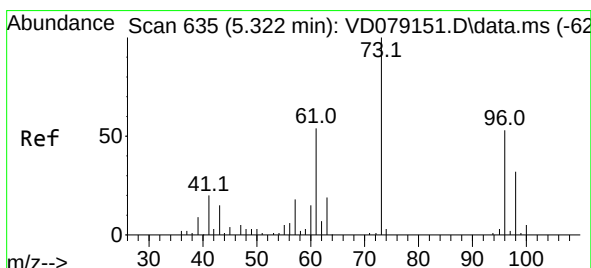
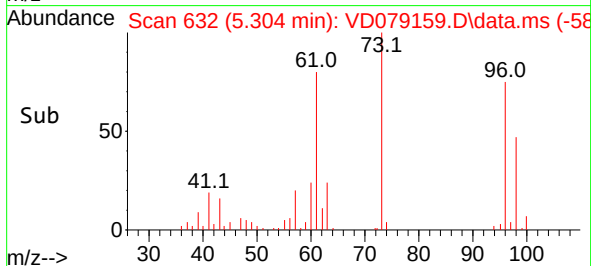
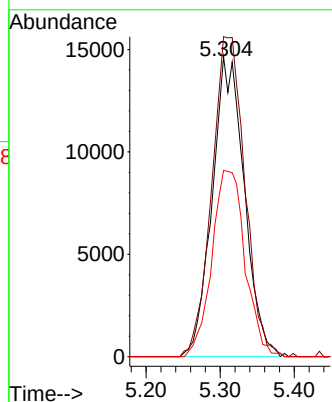
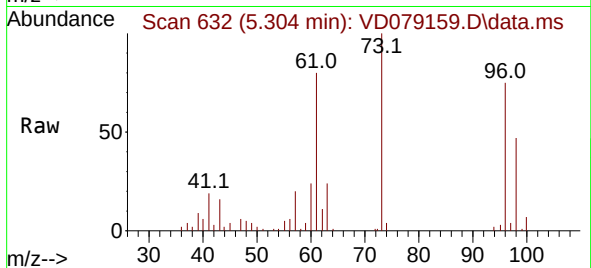
#17
trans-1,2-Dichloroethene
Concen: 29.732 ug/L
RT: 5.304 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD079159.D
Acq: 10 Jun 2024 15:26

Instrument :
MSVOA_D
ClientSampleId :
A4BQ3MS

Tgt Ion: 96 Resp: 44060
Ion Ratio Lower Upper
96 100
61 106.7 71.9 133.5
98 62.1 42.6 79.2

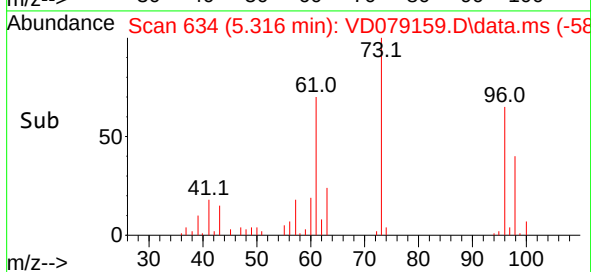
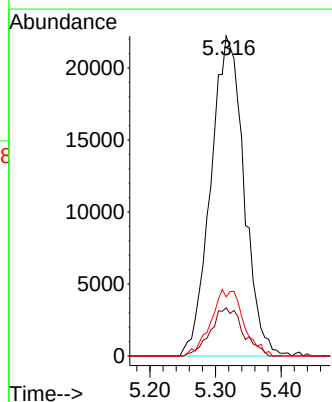
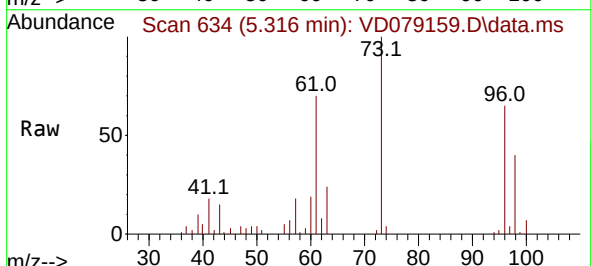
Manual Integrations
APPROVED

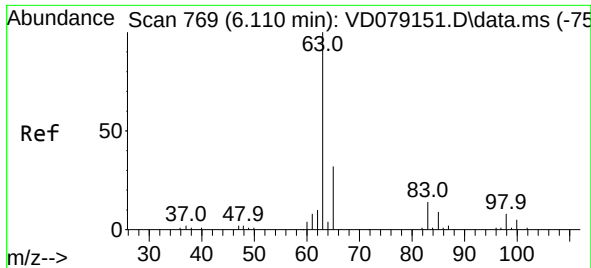
Reviewed By :Mahesh Dadoda 06/13/2024
Supervised By :Semsettin Yesilyurt 06/13/2024



#18
Methyl tert-butyl Ether
Concen: 29.723 ug/L
RT: 5.316 min Scan# 634
Delta R.T. -0.006 min
Lab File: VD079159.D
Acq: 10 Jun 2024 15:26

Tgt Ion: 73 Resp: 78118
Ion Ratio Lower Upper
73 100
43 14.7 12.0 18.0
57 10.5 9.6 14.4





#19

1,1-Dichloroethane

Concen: 31.917 ug/L

RT: 6.110 min Scan# 769

Delta R.T. -0.000 min

Lab File: VD079159.D

Acq: 10 Jun 2024 15:26

Instrument :

MSVOA_D

ClientSampleId :

A4BQ3MS

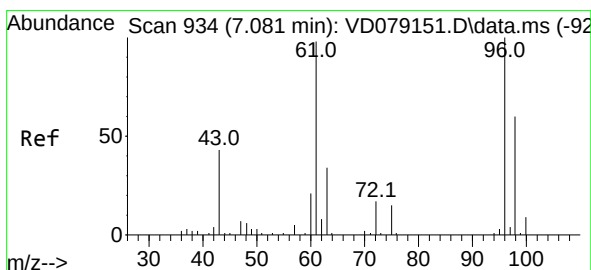
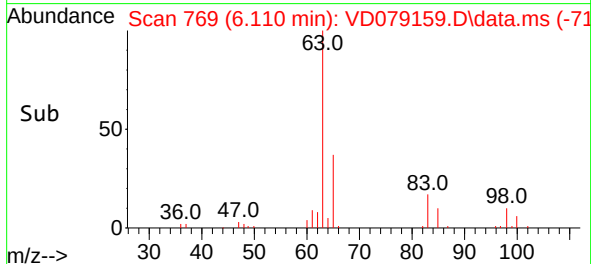
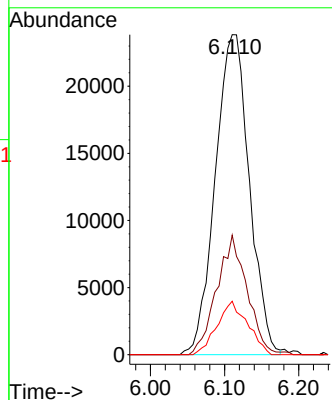
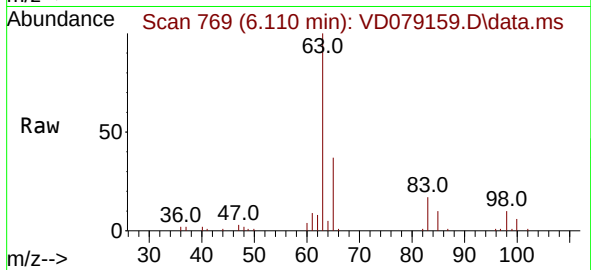
Tgt Ion: 63 Resp: 76150

Ion	Ratio	Lower	Upper
63	100		
65	37.4	22.8	42.4
83	16.7	8.6	16.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/13/2024
Supervised By :Semsettin Yesilyurt 06/13/2024



#20

cis-1,2-Dichloroethene

Concen: 30.497 ug/L

RT: 7.081 min Scan# 934

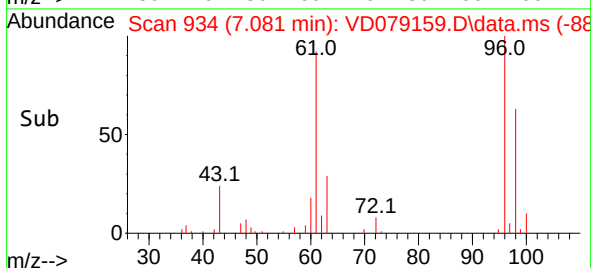
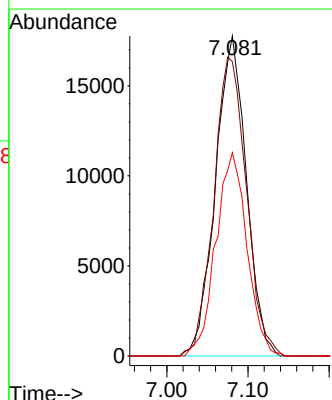
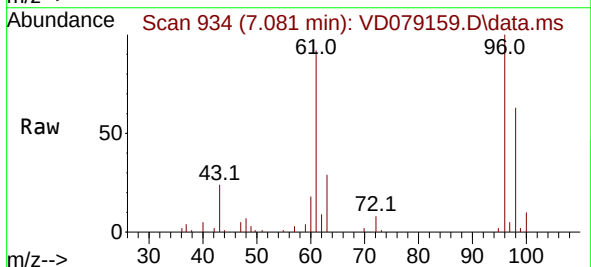
Delta R.T. -0.000 min

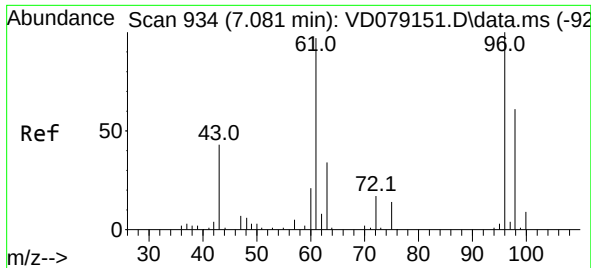
Lab File: VD079159.D

Acq: 10 Jun 2024 15:26

Tgt Ion: 96 Resp: 47058

Ion	Ratio	Lower	Upper
96	100		
61	92.0	72.6	134.8
98	63.5	43.8	81.3





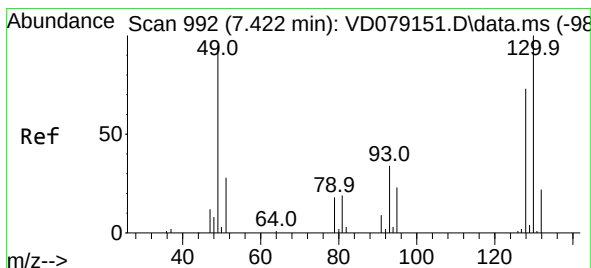
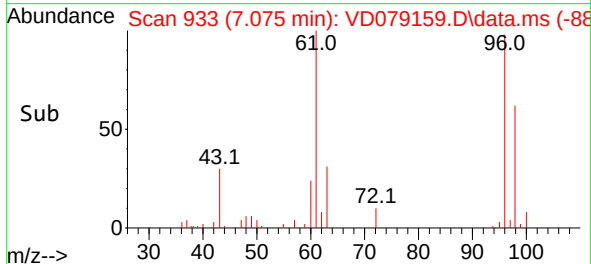
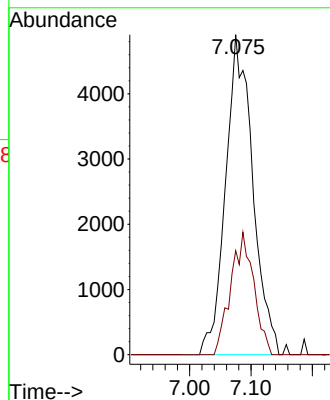
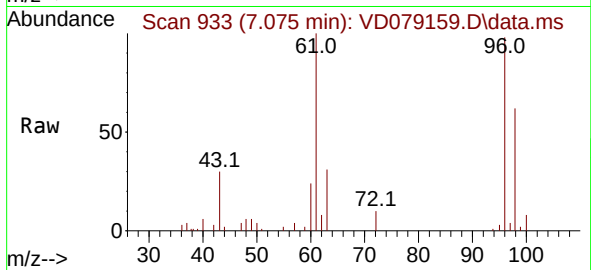
#22
2-Butanone
Concen: 42.433 ug/L m
RT: 7.075 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD079159.D
Acq: 10 Jun 2024 15:26

Instrument :
MSVOA_D
ClientSampleId :
A4BQ3MS

Tgt Ion: 43 Resp: 15040
Ion Ratio Lower Upper
43 100
72 14.7 19.3 57.8

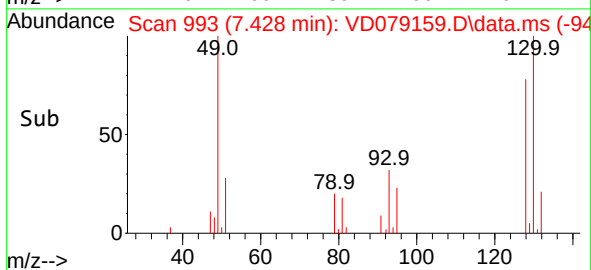
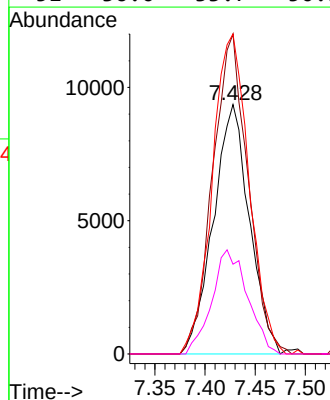
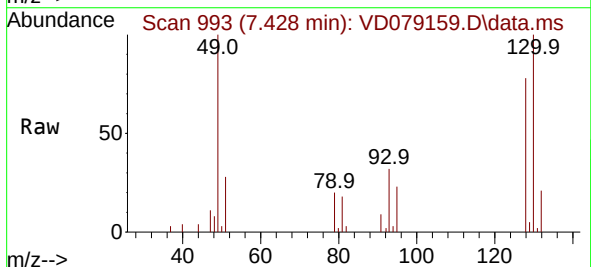
Manual Integrations
APPROVED

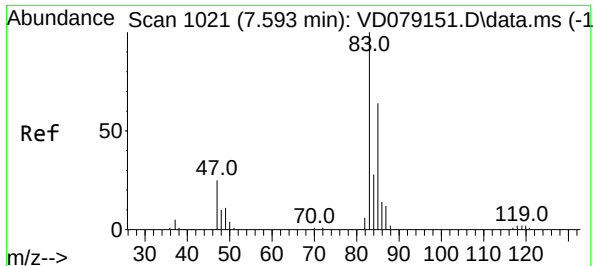
Reviewed By :Mahesh Dadoda 06/13/2024
Supervised By :Semsettin Yesilyurt 06/13/2024



#23
Bromochloromethane
Concen: 29.977 ug/L
RT: 7.428 min Scan# 993
Delta R.T. 0.006 min
Lab File: VD079159.D
Acq: 10 Jun 2024 15:26

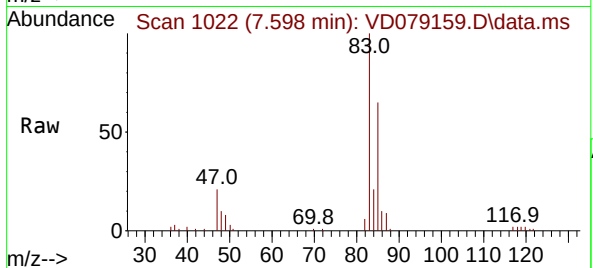
Tgt Ion:128 Resp: 23451
Ion Ratio Lower Upper
128 100
49 128.2 81.8 151.8
130 128.3 90.4 167.8
51 36.0 33.7 50.5





#25
Chloroform
Concen: 31.215 ug/L
RT: 7.598 min Scan# 1021
Delta R.T. 0.006 min
Lab File: VD079159.D
Acq: 10 Jun 2024 15:26

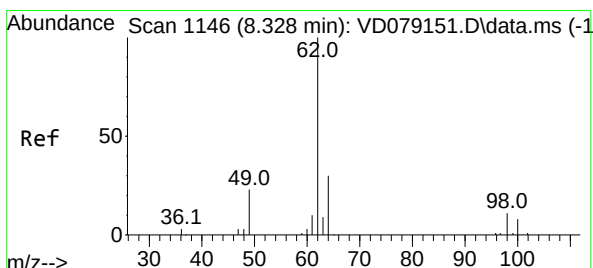
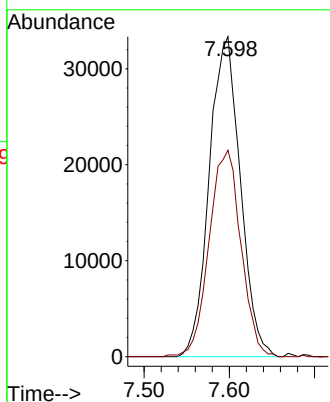
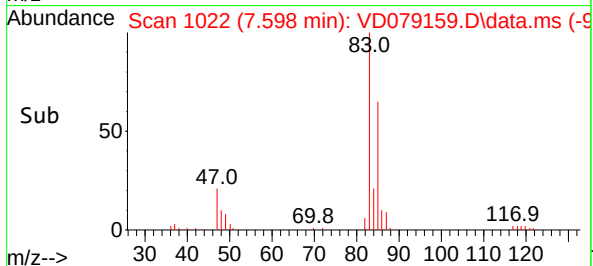
Instrument :
MSVOA_D
ClientSampleId :
A4BQ3MS



Tgt Ion: 83 Resp: 84550
Ion Ratio Lower Upper
83 100
85 64.5 47.9 89.1

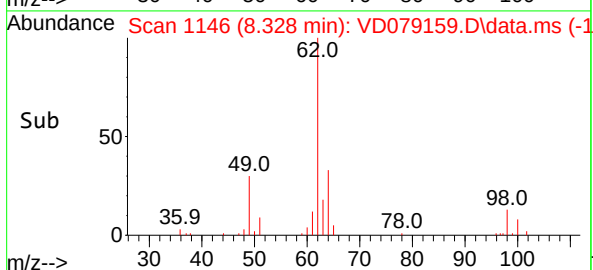
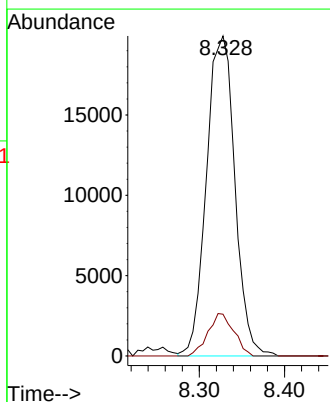
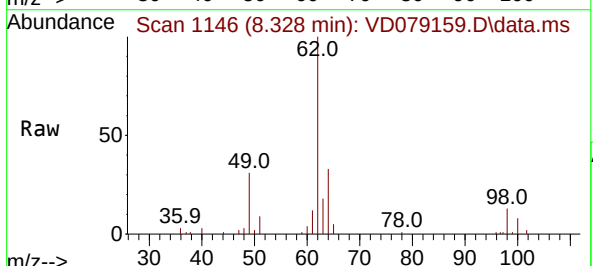
Manual Integrations
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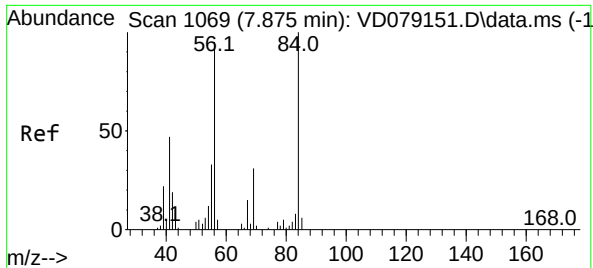
Reviewed By :Mahesh Dadoda 06/13/2024
Supervised By :Semsettin Yesilyurt 06/13/2024



#27
1,2-Dichloroethane
Concen: 29.393 ug/L
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD079159.D
Acq: 10 Jun 2024 15:26

Tgt Ion: 62 Resp: 46220
Ion Ratio Lower Upper
62 100
98 13.1 8.2 12.4#





#29

Cyclohexane

Concen: 25.045 ug/L

RT: 7.881 min Scan# 1070

Delta R.T. 0.006 min

Lab File: VD079159.D

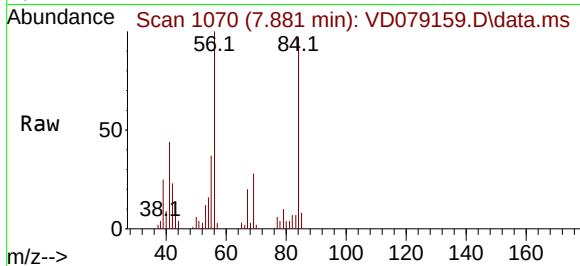
Acq: 10 Jun 2024 15:26

Instrument :

MSVOA_D

ClientSampleId :

A4BQ3MS



Tgt Ion: 56 Resp: 30100

Ion Ratio Lower Upper

56 100

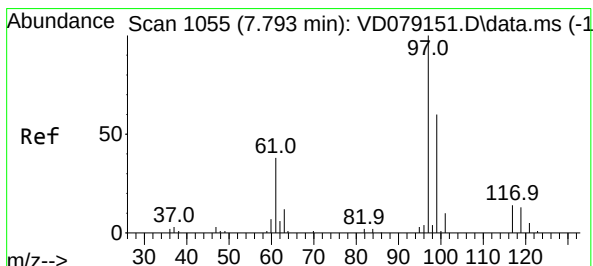
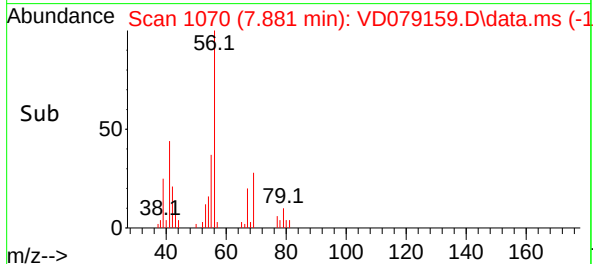
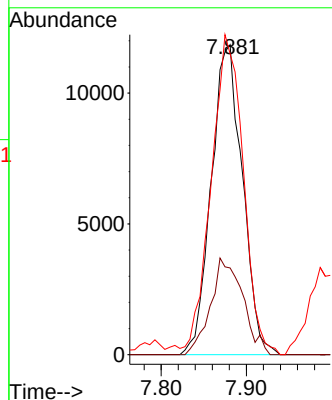
69 32.1 26.6 40.0

84 106.2 87.5 131.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/13/2024
Supervised By :Semsettin Yesilyurt 06/13/2024



#30

1,1,1-Trichloroethane

Concen: 41.089 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD079159.D

Acq: 10 Jun 2024 15:26

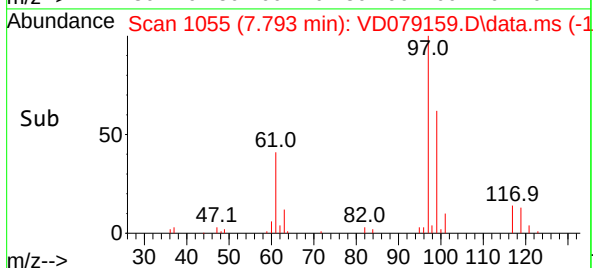
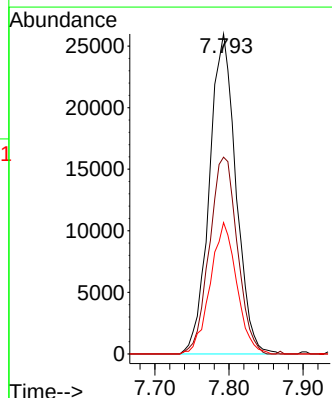
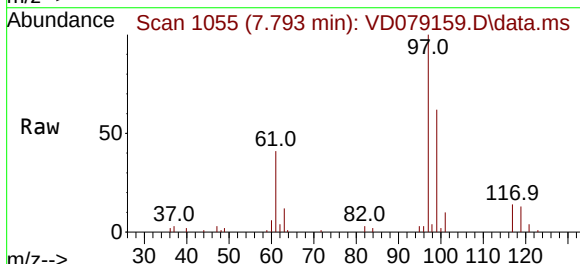
Tgt Ion: 97 Resp: 64800

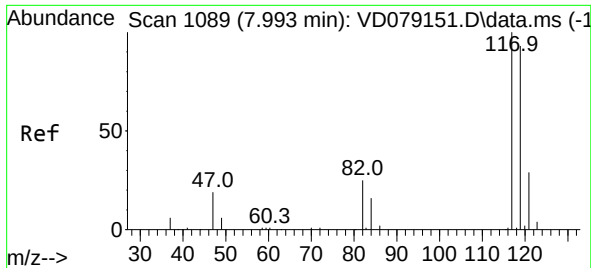
Ion Ratio Lower Upper

97 100

99 64.7 52.3 78.5

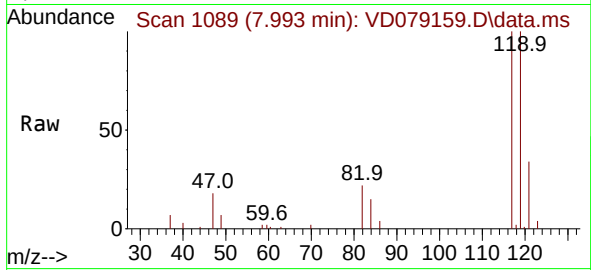
61 40.8 31.7 47.5





#31
Carbon tetrachloride
Concen: 36.298 ug/L
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD079159.D
Acq: 10 Jun 2024 15:26

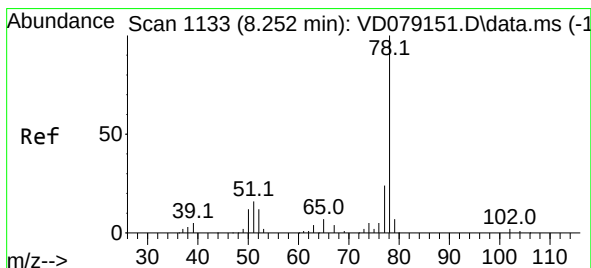
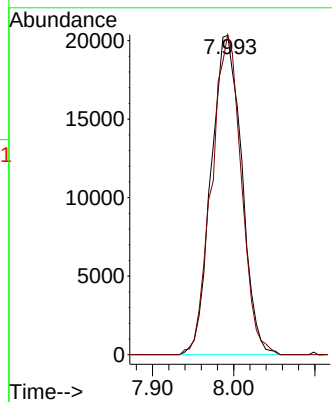
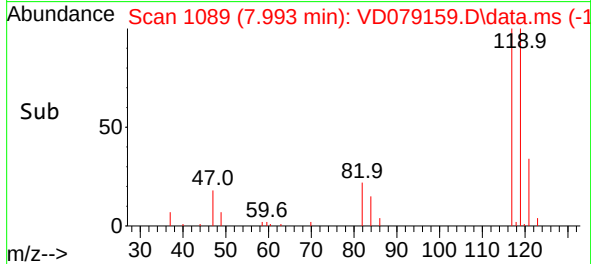
Instrument :
MSVOA_D
ClientSampleId :
A4BQ3MS



Tgt Ion:117 Resp: 53190
Ion Ratio Lower Upper
117 100
119 97.2 79.6 119.4

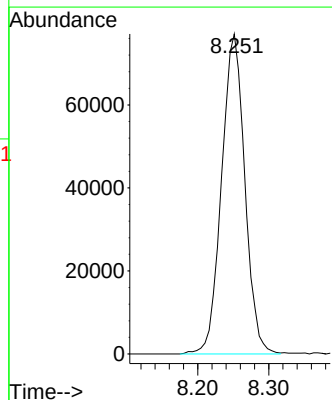
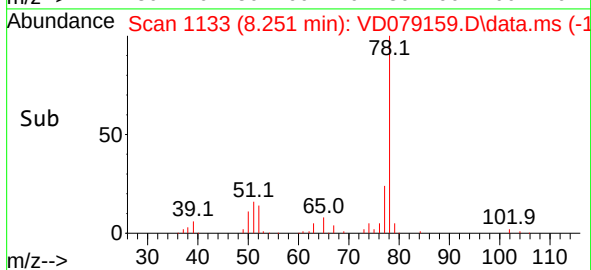
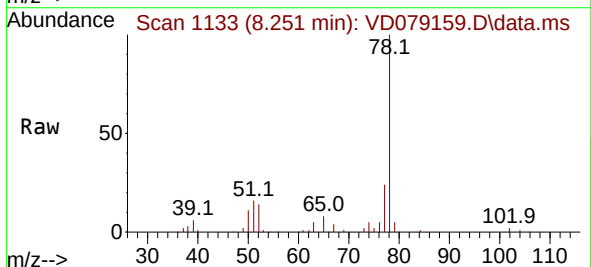
Manual Integrations
APPROVED

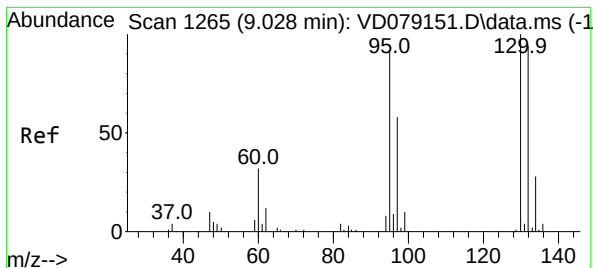
Reviewed By :Mahesh Dadoda 06/13/2024
Supervised By :Semsettin Yesilyurt 06/13/2024



#33
Benzene
Concen: 44.144 ug/L
RT: 8.251 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD079159.D
Acq: 10 Jun 2024 15:26

Tgt Ion: 78 Resp: 175137





#34

Trichloroethene

Concen: 35.299 ug/L

RT: 9.022 min Scan# 1306

Delta R.T. -0.006 min

Lab File: VD079159.D

Acq: 10 Jun 2024 15:26

Instrument :

MSVOA_D

ClientSampleId :

A4BQ3MS

Tgt Ion: 95 Resp: 36070

Ion Ratio Lower Upper

95 100

97 57.6 44.6 82.8

132 101.1 74.9 139.1

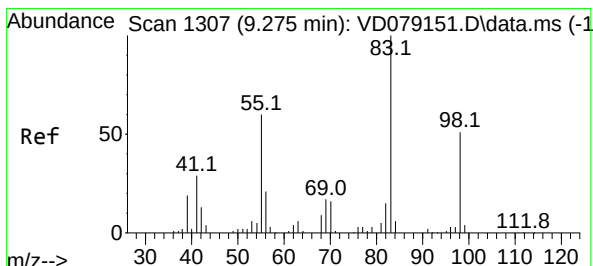
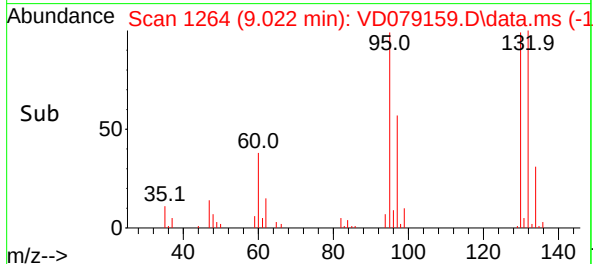
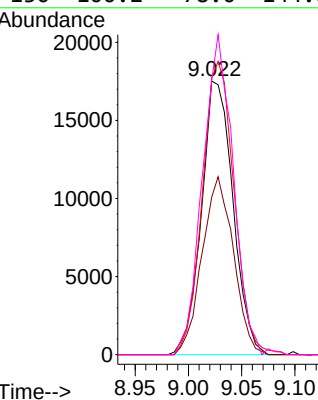
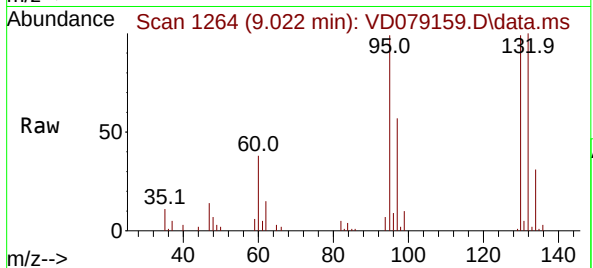
130 100.2 78.0 144.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/13/2024

Supervised By :Semsettin Yesilyurt 06/13/2024



#35

Methylcyclohexane

Concen: 16.515 ug/L

RT: 9.269 min Scan# 1306

Delta R.T. -0.006 min

Lab File: VD079159.D

Acq: 10 Jun 2024 15:26

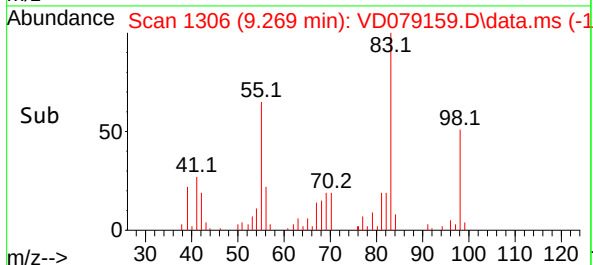
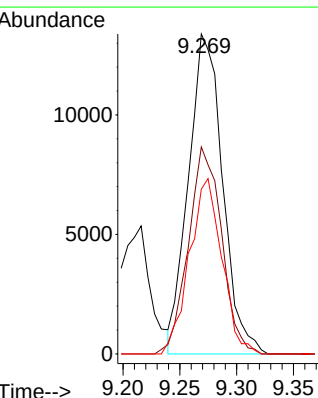
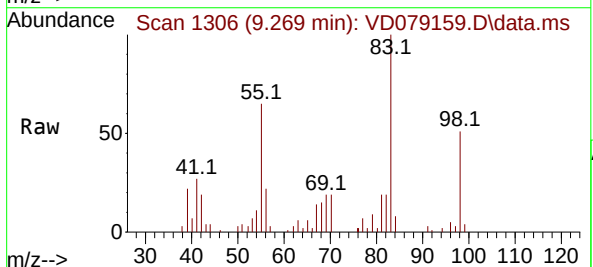
Tgt Ion: 83 Resp: 27963

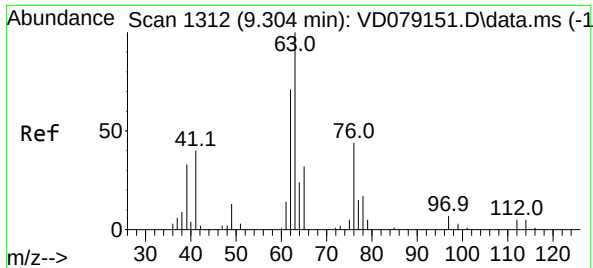
Ion Ratio Lower Upper

83 100

55 62.9 48.6 72.8

98 52.3 40.2 60.2





#37

1,2-Dichloropropane

Concen: 43.283 ug/L

RT: 9.298 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD079159.D

Acq: 10 Jun 2024 15:26

Instrument :

MSVOA_D

ClientSampleId :

A4BQ3MS

Tgt Ion: 63 Resp: 42062

Ion Ratio Lower Upper

63 100

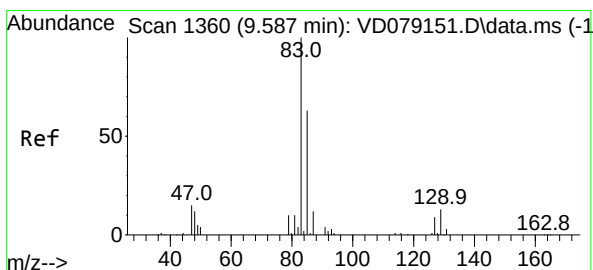
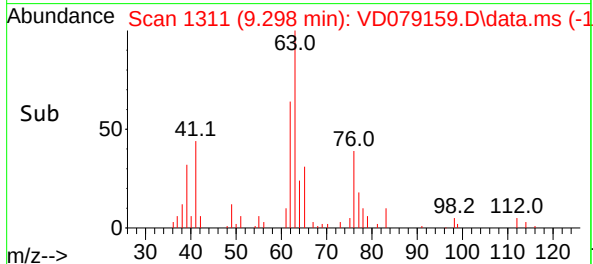
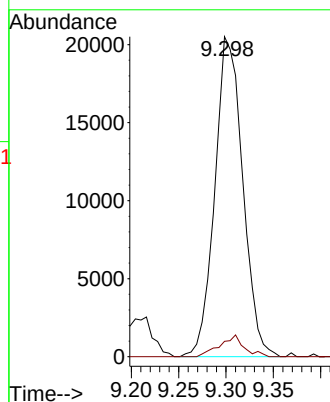
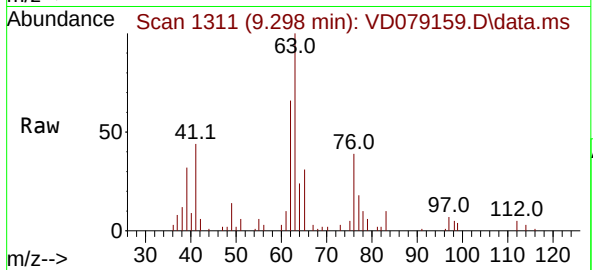
112 5.4 3.9 5.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/13/2024

Supervised By :Semsettin Yesilyurt 06/13/2024



#38

Bromodichloromethane

Concen: 40.616 ug/L

RT: 9.581 min Scan# 1359

Delta R.T. -0.006 min

Lab File: VD079159.D

Acq: 10 Jun 2024 15:26

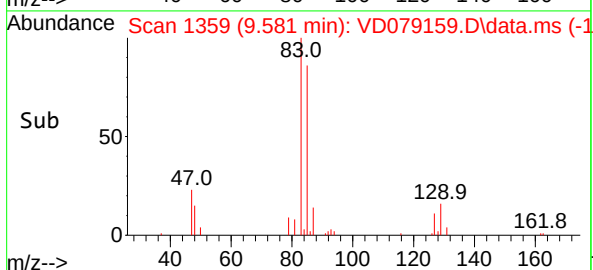
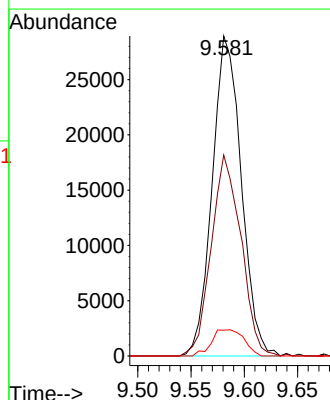
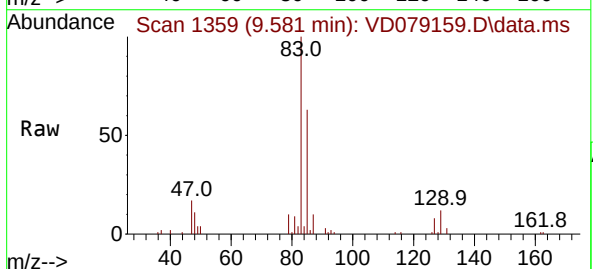
Tgt Ion: 83 Resp: 54869

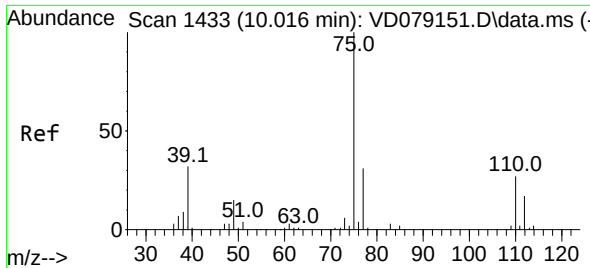
Ion Ratio Lower Upper

83 100

85 62.8 46.5 86.5

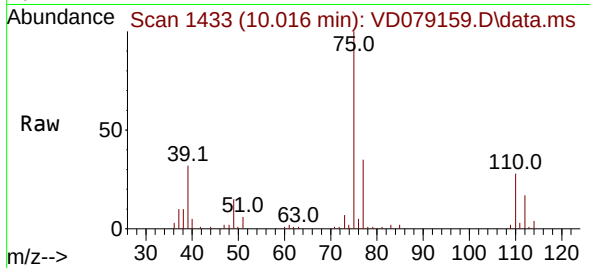
127 8.0 7.0 10.6





#39
cis-1,3-Dichloropropene
Concen: 34.153 ug/L
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD079159.D
Acq: 10 Jun 2024 15:26

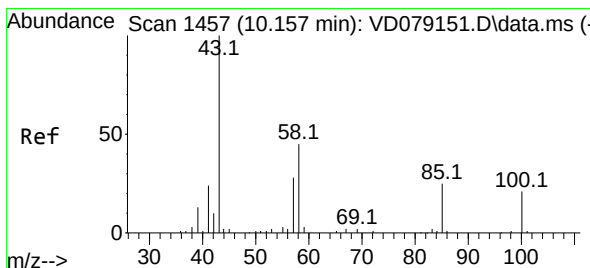
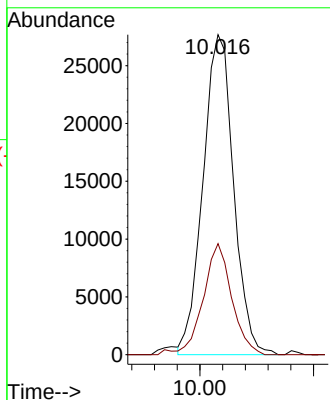
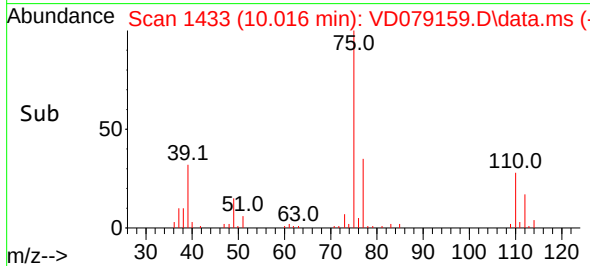
Instrument :
MSVOA_D
ClientSampleId :
A4BQ3MS



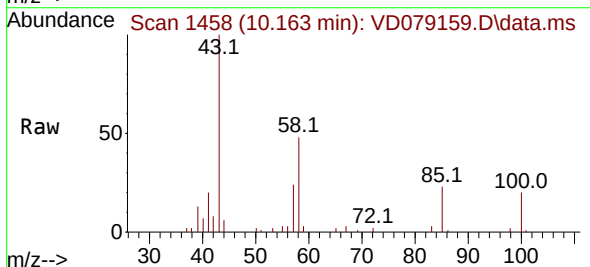
Tgt Ion: 75 Resp: 51810
Ion Ratio Lower Upper
75 100
77 34.7 23.4 43.4

Manual Integrations
APPROVED

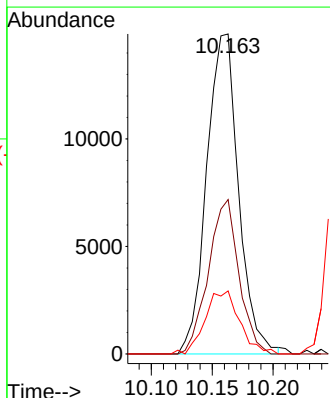
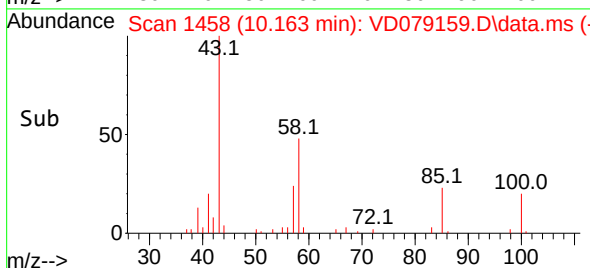
Reviewed By :Mahesh Dadoda 06/13/2024
Supervised By :Semsettin Yesilyurt 06/13/2024

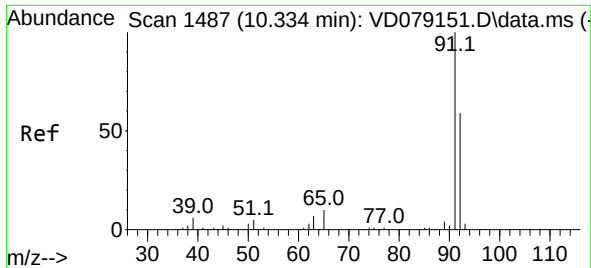


#40
4-Methyl-2-pentanone
Concen: 66.895 ug/L
RT: 10.163 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VD079159.D
Acq: 10 Jun 2024 15:26



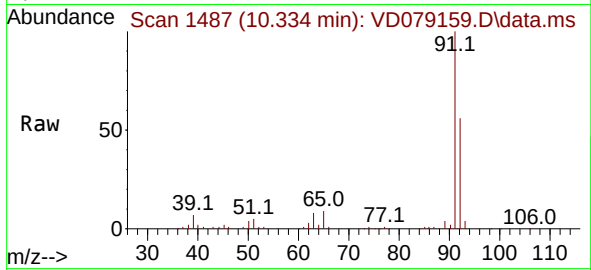
Tgt Ion: 43 Resp: 27137
Ion Ratio Lower Upper
43 100
58 46.2 34.0 51.0
100 21.0 16.9 25.3





#42
Toluene
Concen: 34.619 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD079159.D
Acq: 10 Jun 2024 15:26

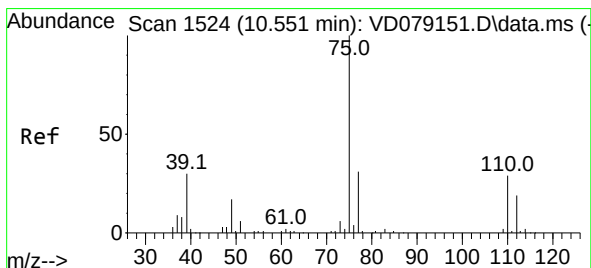
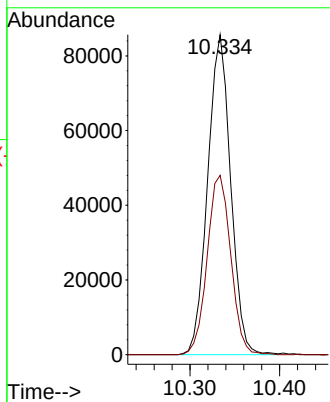
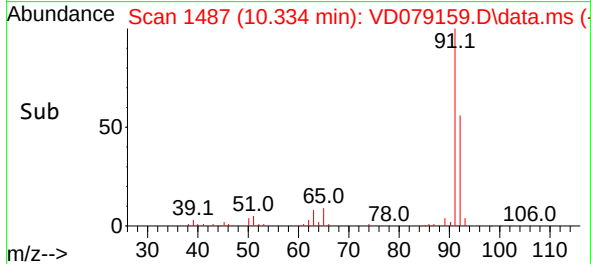
Instrument :
MSVOA_D
ClientSampleId :
A4BQ3MS



Tgt Ion: 91 Resp: 15251
Ion Ratio Lower Upper
91 100
92 56.1 38.9 72.3

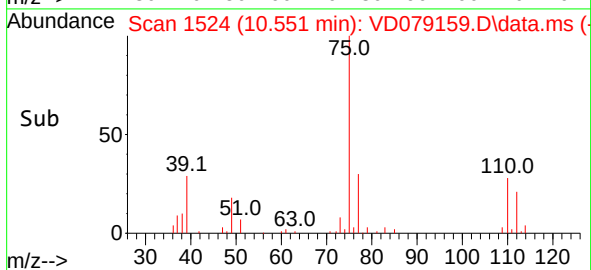
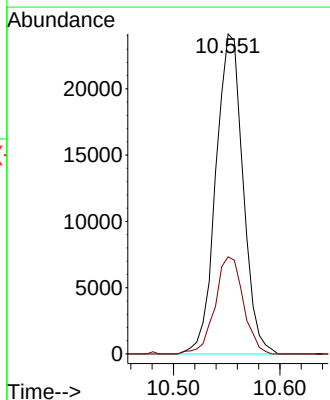
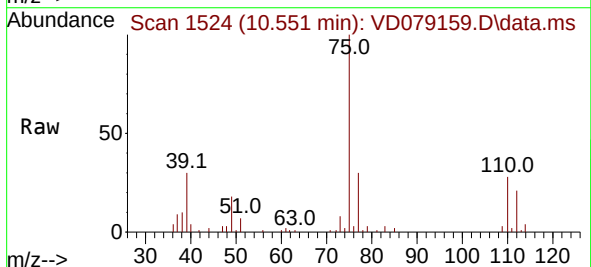
Manual Integrations
APPROVED

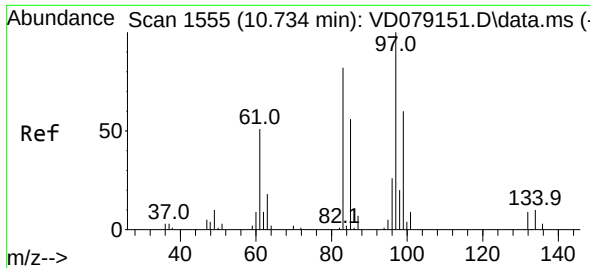
Reviewed By :Mahesh Dadoda 06/13/2024
Supervised By :Semsettin Yesilyurt 06/13/2024



#44
trans-1,3-Dichloropropene
Concen: 33.335 ug/L
RT: 10.551 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VD079159.D
Acq: 10 Jun 2024 15:26

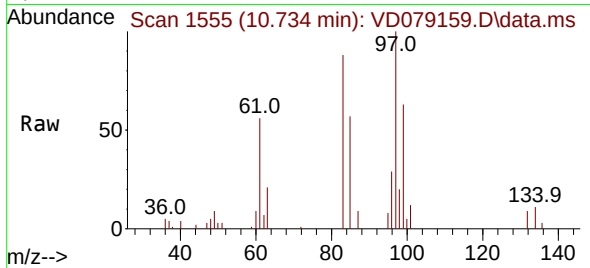
Tgt Ion: 75 Resp: 42763
Ion Ratio Lower Upper
75 100
77 30.3 24.3 45.1





#45
1,1,2-Trichloroethane
Concen: 36.718 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD079159.D
Acq: 10 Jun 2024 15:26

Instrument :
MSVOA_D
ClientSampleId :
A4BQ3MS

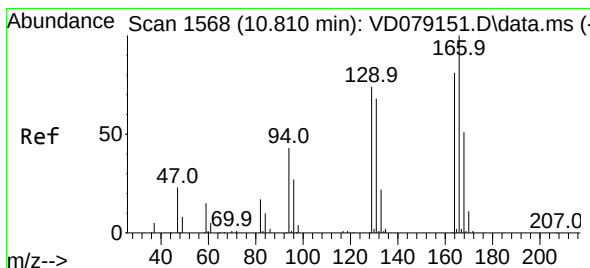
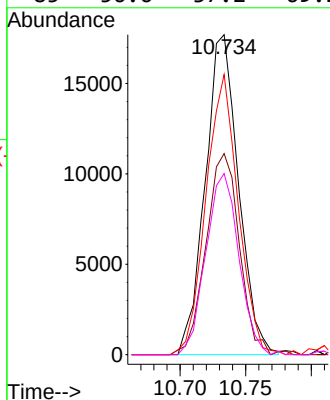
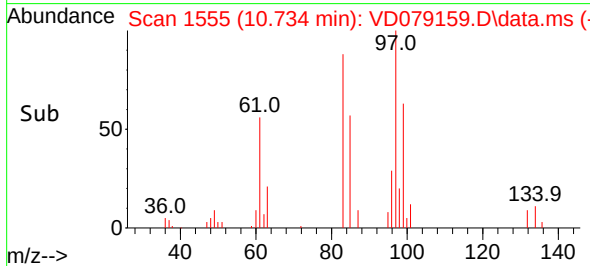


Tgt Ion: 97 Resp: 31304

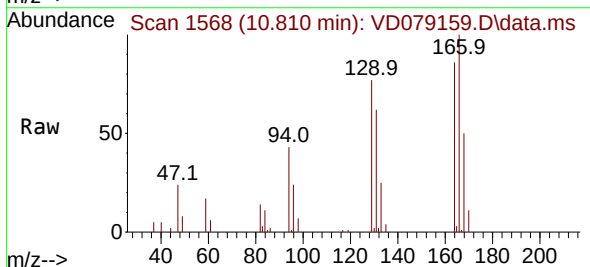
Ion	Ratio	Lower	Upper
97	100		
99	62.9	43.0	79.8
83	87.6	58.9	109.5
85	56.6	37.2	69.2

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 06/13/2024
Supervised By :Semsettin Yesilyurt 06/13/2024

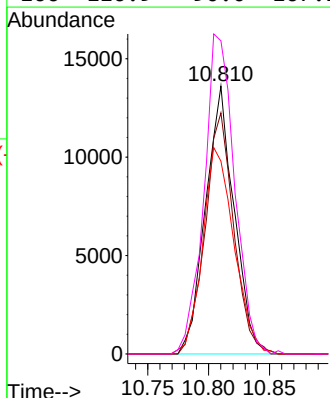
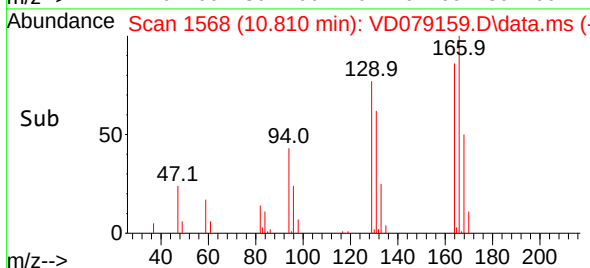


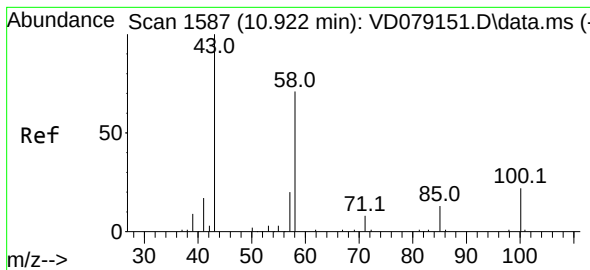
#46
Tetrachloroethene
Concen: 24.805 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD079159.D
Acq: 10 Jun 2024 15:26



Tgt Ion:164 Resp: 22318

Ion	Ratio	Lower	Upper
164	100		
129	90.0	64.3	119.5
131	72.0	61.2	113.8
166	116.9	90.0	167.2





#48

2-Hexanone

Concen: 55.525 ug/L

RT: 10.922 min Scan# 1587

Delta R.T. -0.000 min

Lab File: VD079159.D

Acq: 10 Jun 2024 15:26

Instrument :

MSVOA_D

ClientSampleId :

A4BQ3MS

Tgt Ion: 43 Resp: 1949

Ion Ratio Lower Upper

43 100

58 60.2 50.1 75.1

57 23.7 16.5 24.7

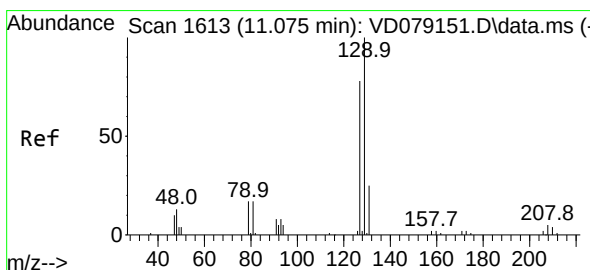
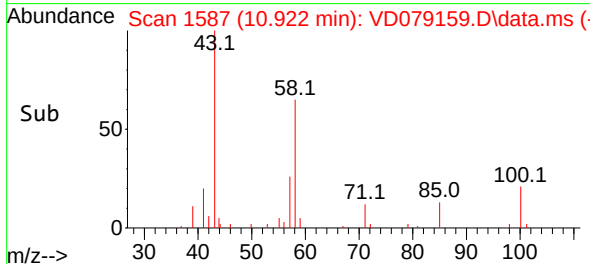
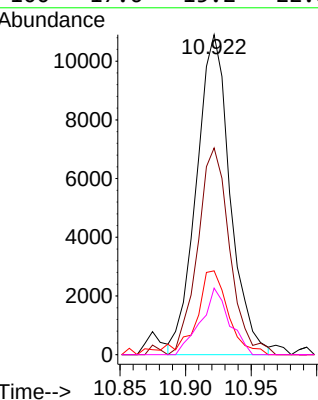
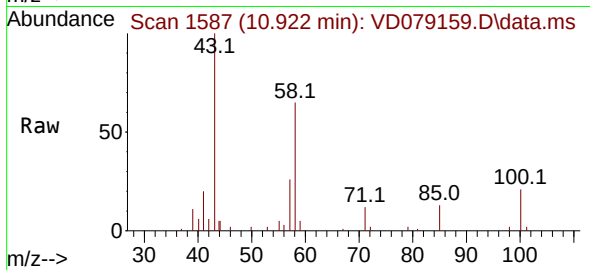
100 17.6 15.2 22.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/13/2024

Supervised By :Semsettin Yesilyurt 06/13/2024



#49

Dibromochloromethane

Concen: 32.435 ug/L

RT: 11.075 min Scan# 1613

Delta R.T. -0.000 min

Lab File: VD079159.D

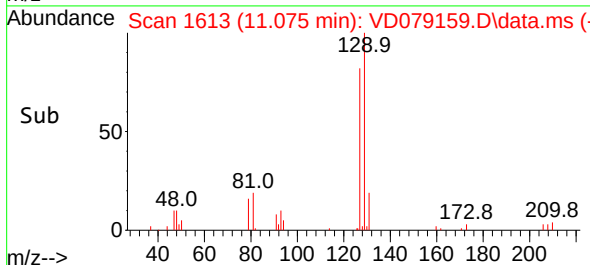
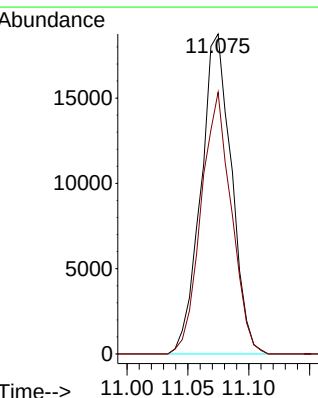
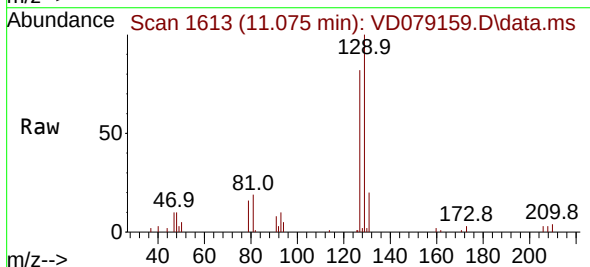
Acq: 10 Jun 2024 15:26

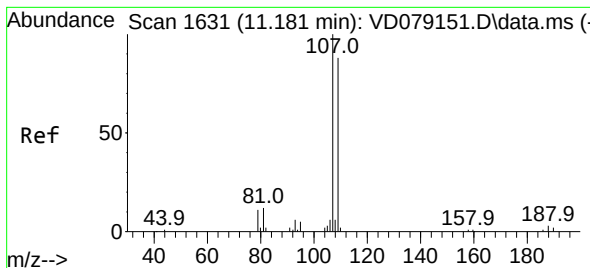
Tgt Ion:129 Resp: 32746

Ion Ratio Lower Upper

129 100

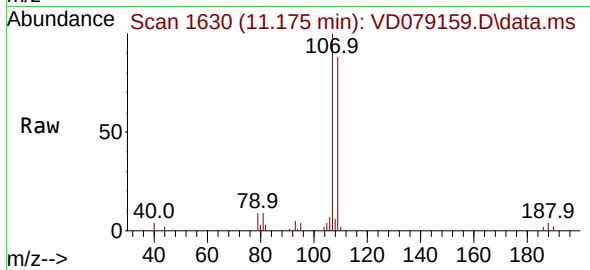
127 81.8 56.4 104.7





#50
1,2-Dibromoethane
Concen: 34.822 ug/L
RT: 11.175 min Scan# 1630
Delta R.T. -0.006 min
Lab File: VD079159.D
Acq: 10 Jun 2024 15:26

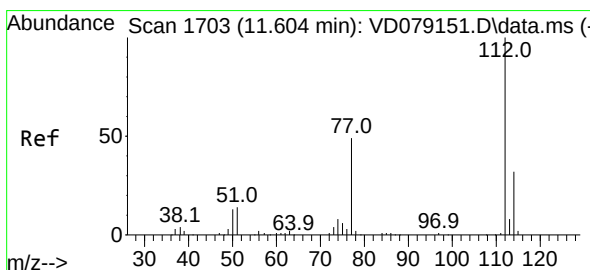
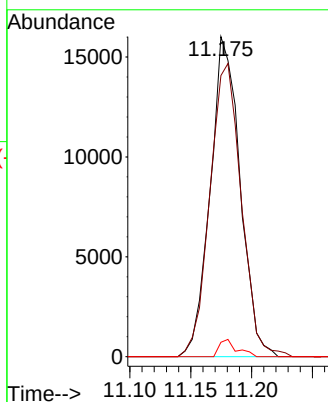
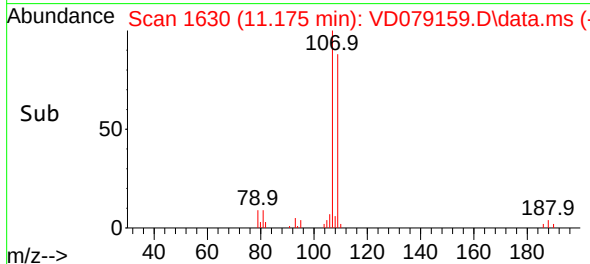
Instrument :
MSVOA_D
ClientSampleId :
A4BQ3MS



Tgt Ion:107 Resp: 27284
Ion Ratio Lower Upper
107 100
109 87.8 64.5 119.7
188 4.5 2.6 3.8

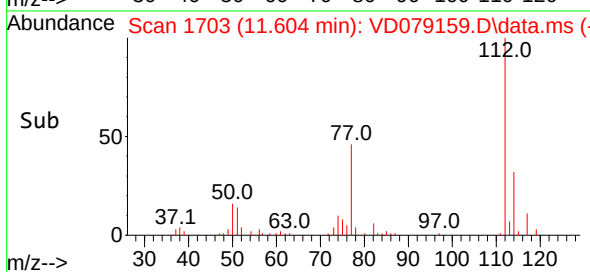
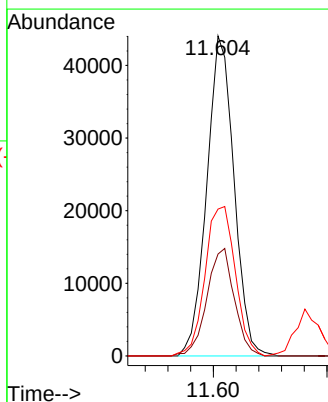
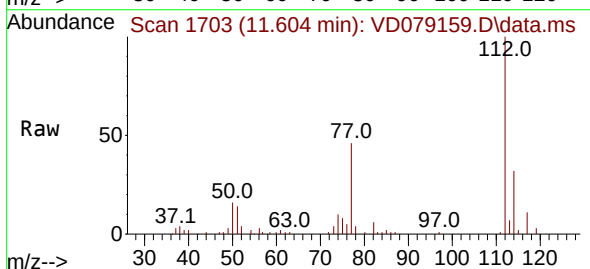
Manual Integrations
APPROVED

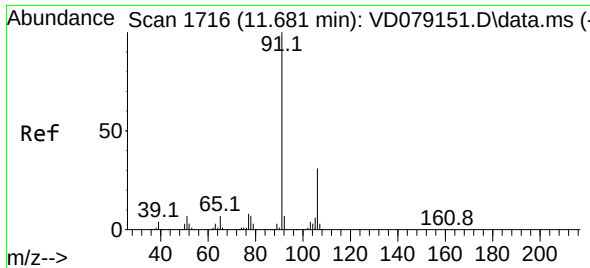
Reviewed By :Mahesh Dadoda 06/13/2024
Supervised By :Semsettin Yesilyurt 06/13/2024



#51
Chlorobenzene
Concen: 25.032 ug/L
RT: 11.604 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD079159.D
Acq: 10 Jun 2024 15:26

Tgt Ion:112 Resp: 73376
Ion Ratio Lower Upper
112 100
114 31.9 22.7 42.3
77 45.9 38.4 57.6





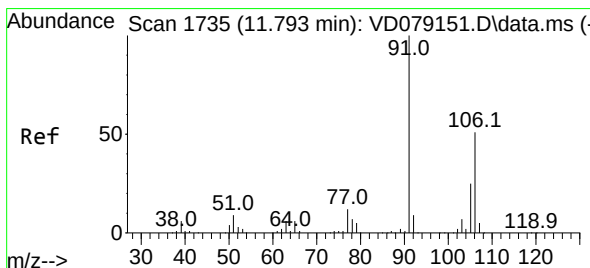
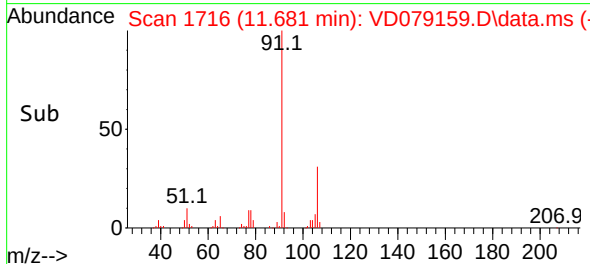
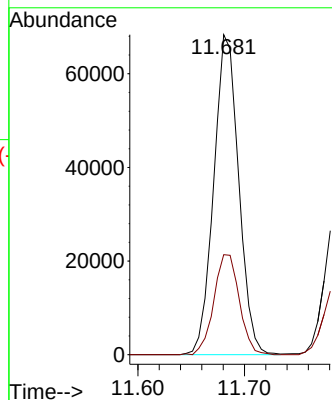
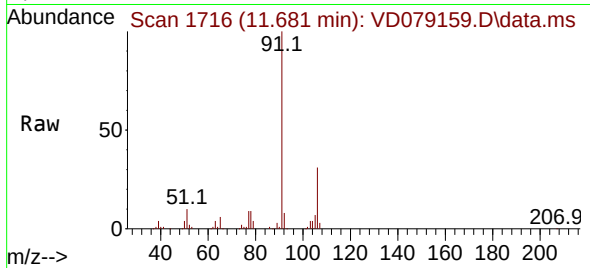
#52
Ethylbenzene
Concen: 24.200 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD079159.D
Acq: 10 Jun 2024 15:26

Instrument :
MSVOA_D
ClientSampleId :
A4BQ3MS

Tgt Ion: 91 Resp: 111208
Ion Ratio Lower Upper
91 100
106 31.3 22.3 41.5

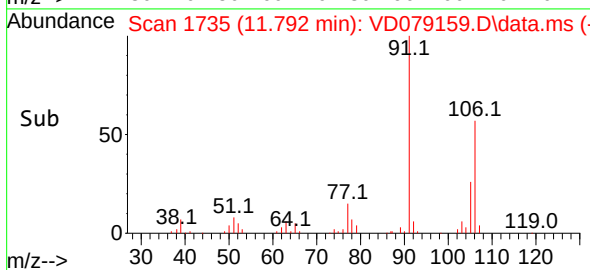
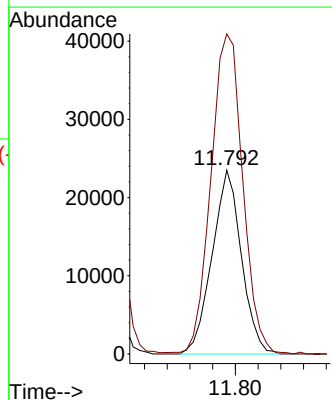
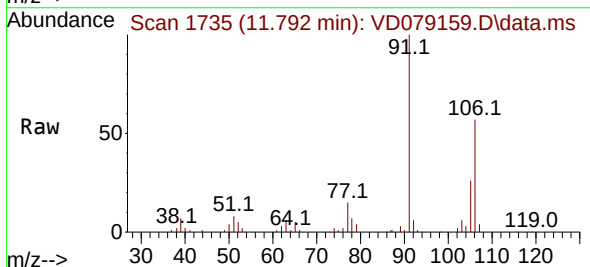
Manual Integrations
APPROVED

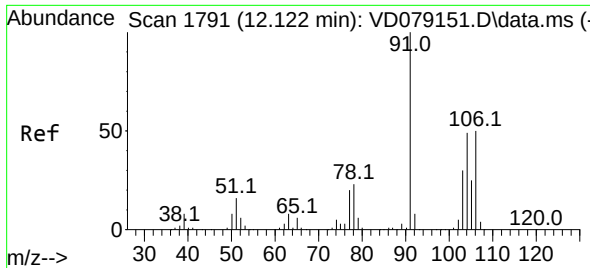
Reviewed By :Mahesh Dadoda 06/13/2024
Supervised By :Semsettin Yesilyurt 06/13/2024



#53
m,p-Xylene
Concen: 23.373 ug/L
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD079159.D
Acq: 10 Jun 2024 15:26

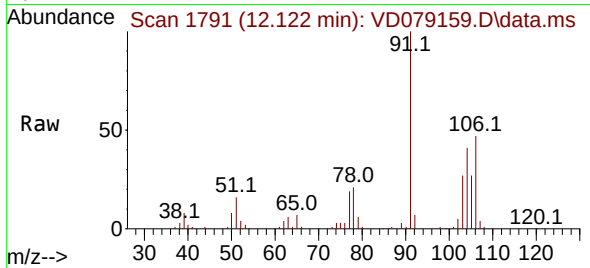
Tgt Ion:106 Resp: 42140
Ion Ratio Lower Upper
106 100
91 174.2 133.1 247.1





#54
o-Xylene
Concen: 22.560 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD079159.D
Acq: 10 Jun 2024 15:26

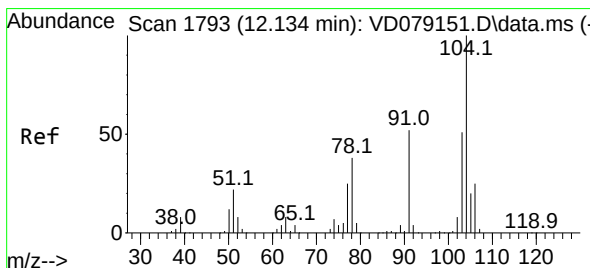
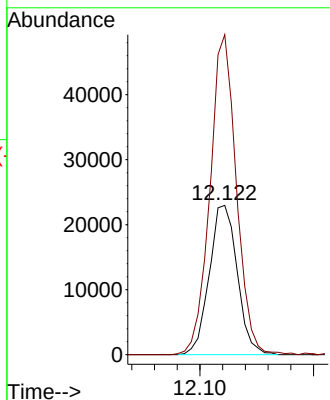
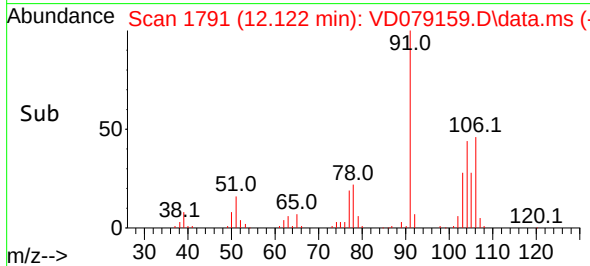
Instrument :
MSVOA_D
ClientSampleId :
A4BQ3MS



Tgt Ion:106 Resp: 3929
Ion Ratio Lower Upper
106 100
91 214.4 132.9 246.9

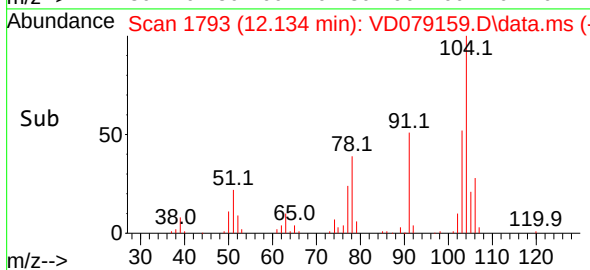
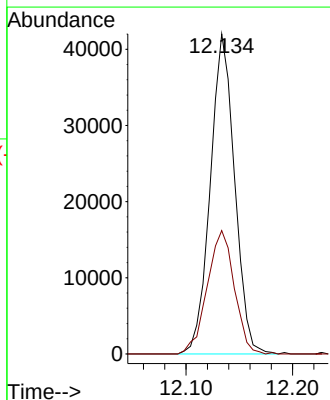
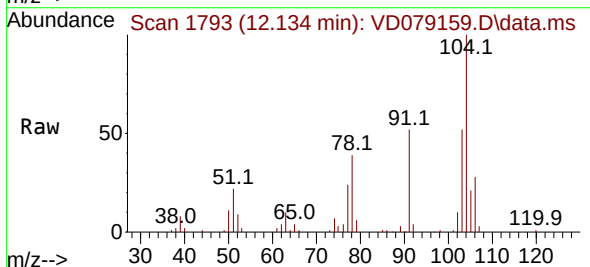
Manual Integrations
APPROVED

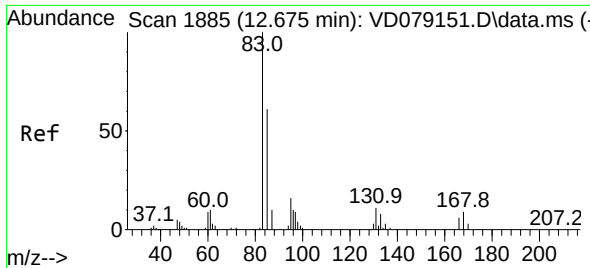
Reviewed By :Mahesh Dadoda 06/13/2024
Supervised By :Semsettin Yesilyurt 06/13/2024



#55
Styrene
Concen: 21.591 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD079159.D
Acq: 10 Jun 2024 15:26

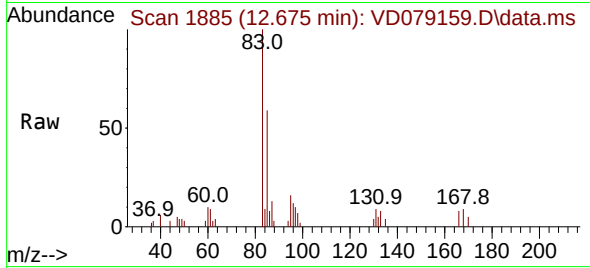
Tgt Ion:104 Resp: 66686
Ion Ratio Lower Upper
104 100
78 38.6 27.8 51.6





#57
1,1,2,2-Tetrachloroethane
Concen: 25.902 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD079159.D
Acq: 10 Jun 2024 15:26

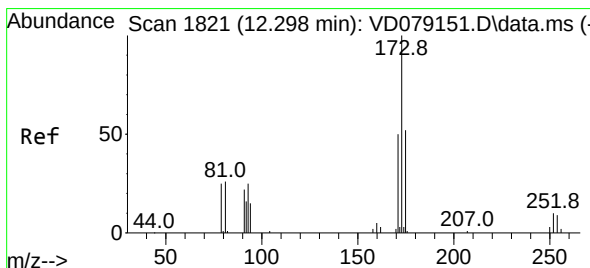
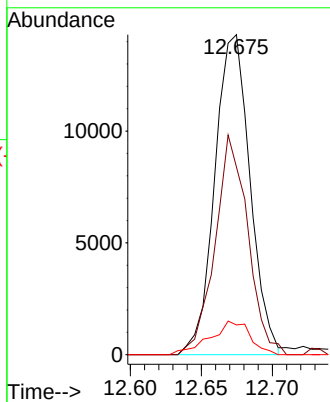
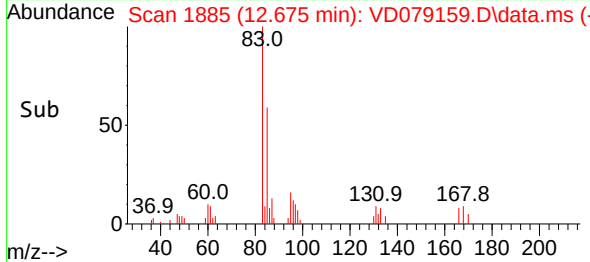
Instrument :
MSVOA_D
ClientSampleId :
A4BQ3MS



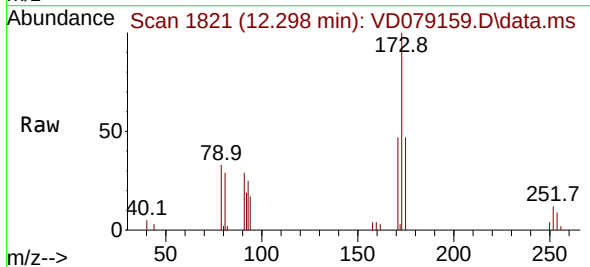
Tgt Ion: 83 Resp: 24719
Ion Ratio Lower Upper
83 100
85 58.6 47.5 88.1
131 9.3 8.6 13.0

Manual Integrations
APPROVED

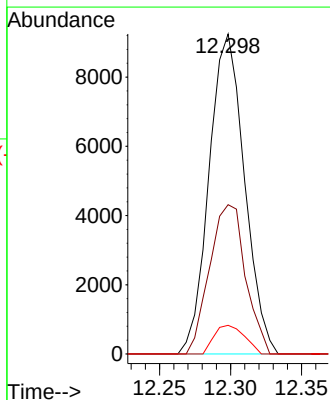
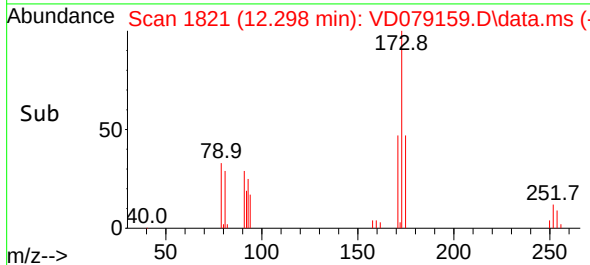
Reviewed By :Mahesh Dadoda 06/13/2024
Supervised By :Semsettin Yesilyurt 06/13/2024

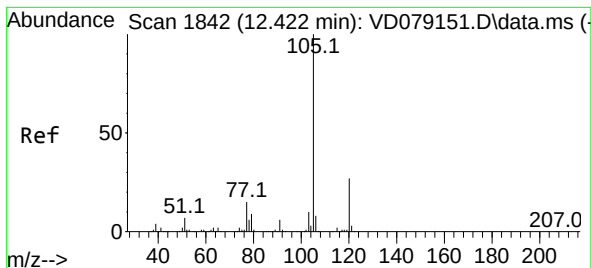


#59
Bromoform
Concen: 50.957 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD079159.D
Acq: 10 Jun 2024 15:26



Tgt Ion:173 Resp: 16016
Ion Ratio Lower Upper
173 100
175 47.4 38.2 57.4
254 7.7 7.0 10.6





#60

Isopropylbenzene

Concen: 36.408 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD079159.D

Acq: 10 Jun 2024 15:26

Instrument :

MSVOA_D

ClientSampleId :

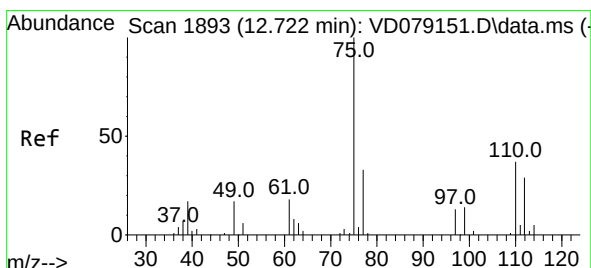
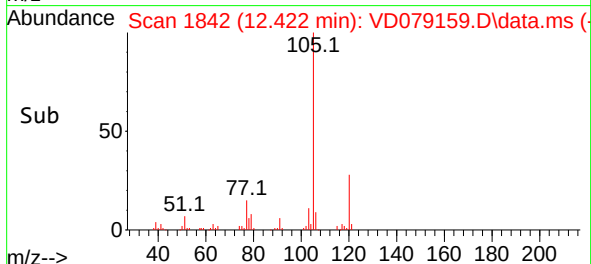
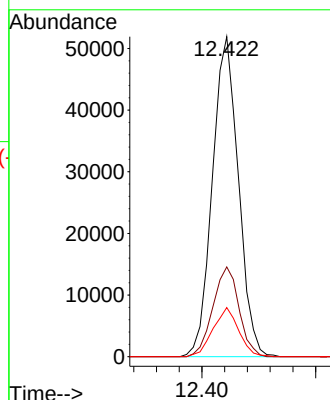
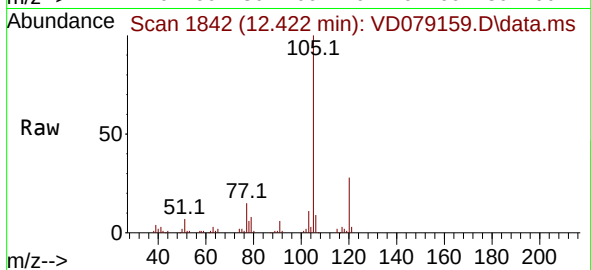
A4BQ3MS

Tgt Ion:	105	Resp:	8255
Ion Ratio	Lower	Upper	
105	100		
120	28.1	21.9	32.9
77	15.1	10.9	16.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/13/2024
Supervised By :Semsettin Yesilyurt 06/13/2024



#61

1,2,3-Trichloropropane

Concen: 61.721 ug/L

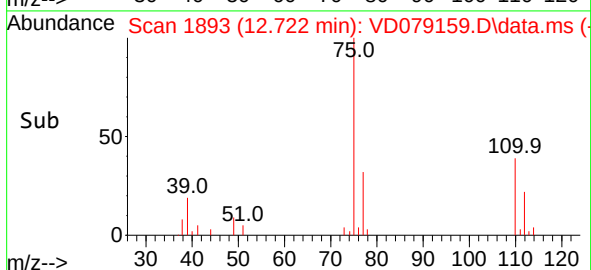
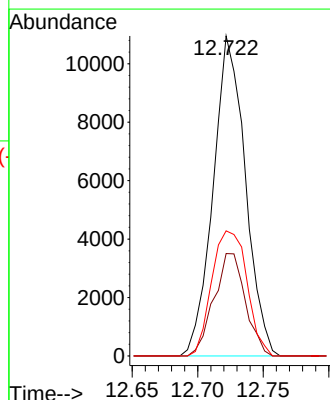
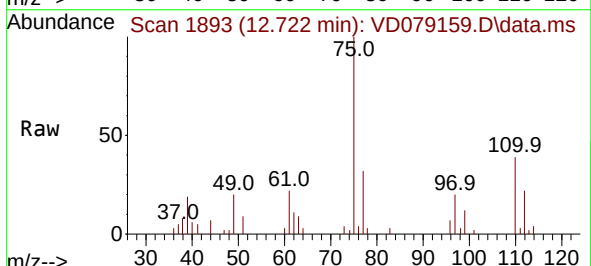
RT: 12.722 min Scan# 1893

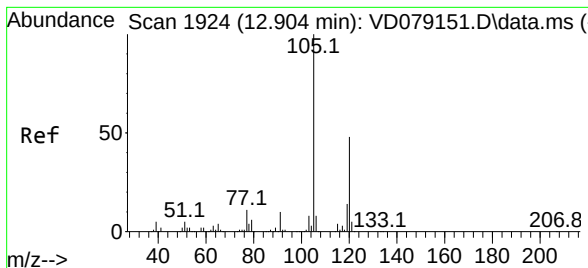
Delta R.T. -0.000 min

Lab File: VD079159.D

Acq: 10 Jun 2024 15:26

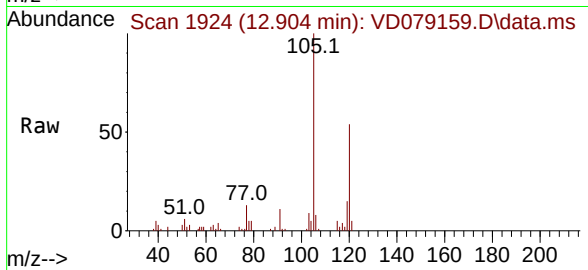
Tgt Ion:	75	Resp:	18687
Ion Ratio	Lower	Upper	
75	100		
77	31.3	25.9	38.9
110	42.8	34.2	51.4





#62
1,3,5-Trimethylbenzene
Concen: 27.651 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD079159.D
Acq: 10 Jun 2024 15:26

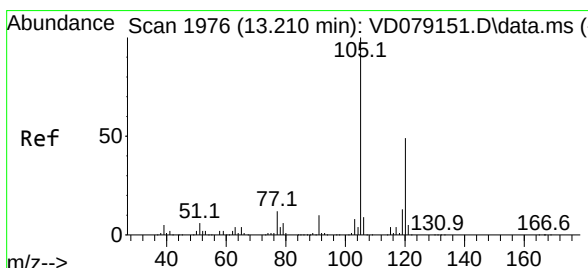
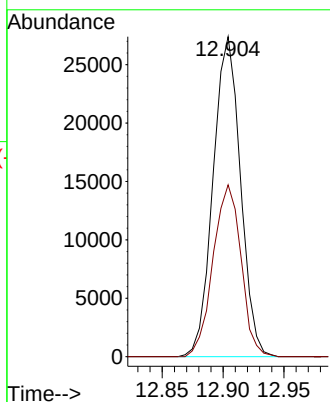
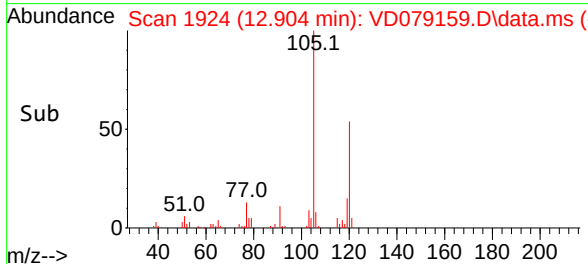
Instrument :
MSVOA_D
ClientSampleId :
A4BQ3MS



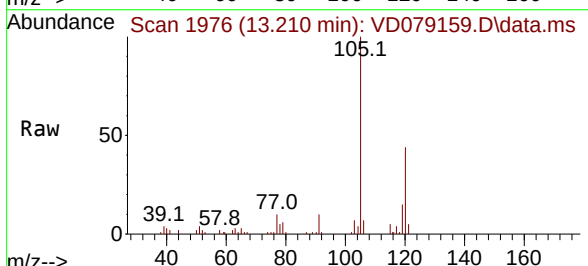
Tgt Ion:105 Resp: 42870
Ion Ratio Lower Upper
105 100
120 54.8 40.7 61.1

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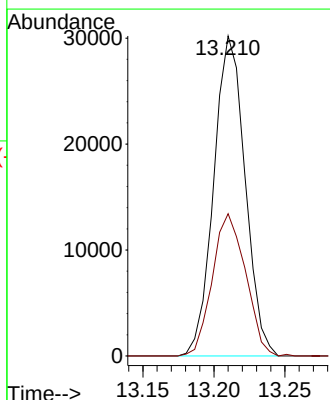
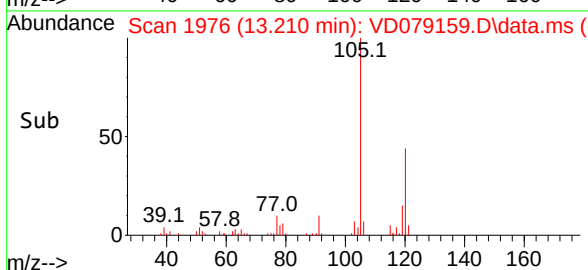
Reviewed By :Mahesh Dadoda 06/13/2024
Supervised By :Semsettin Yesilyurt 06/13/2024

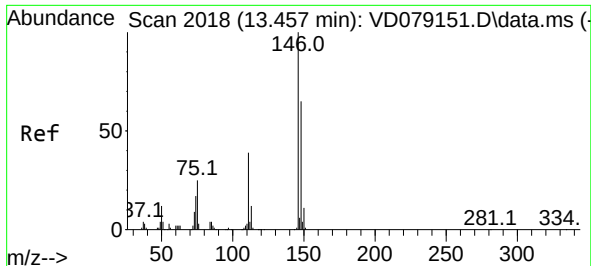


#63
1,2,4-Trimethylbenzene
Concen: 27.956 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD079159.D
Acq: 10 Jun 2024 15:26



Tgt Ion:105 Resp: 46359
Ion Ratio Lower Upper
105 100
120 47.0 38.0 57.0





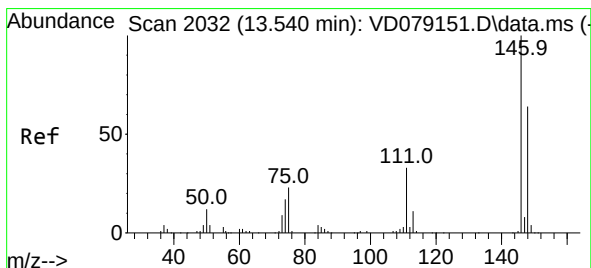
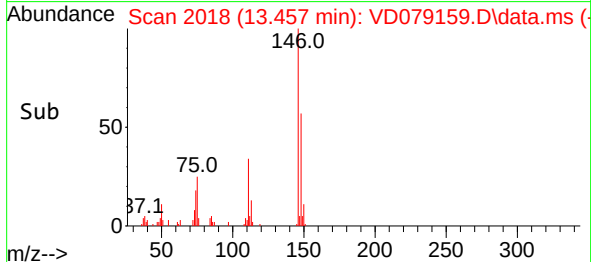
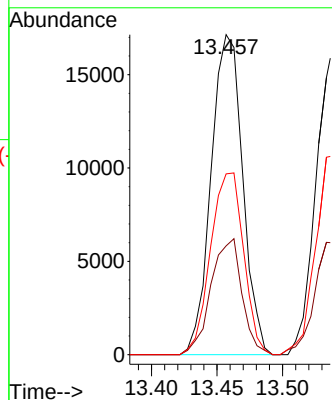
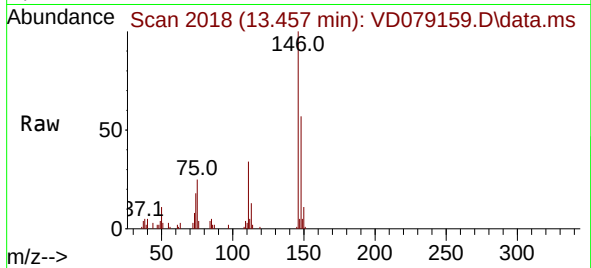
#64
1,3-Dichlorobenzene
Concen: 26.377 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD079159.D
Acq: 10 Jun 2024 15:26

Instrument :
MSVOA_D
ClientSampleId :
A4BQ3MS

Tgt Ion:146 Resp: 2873
Ion Ratio Lower Upper
146 100
111 34.0 24.4 45.4
148 56.5 44.9 83.3

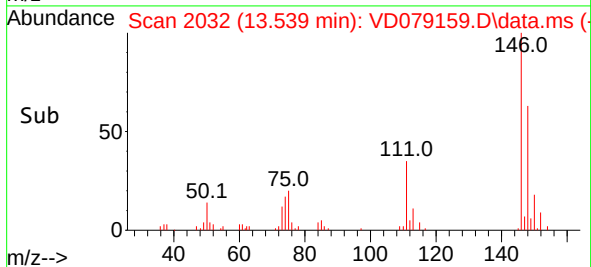
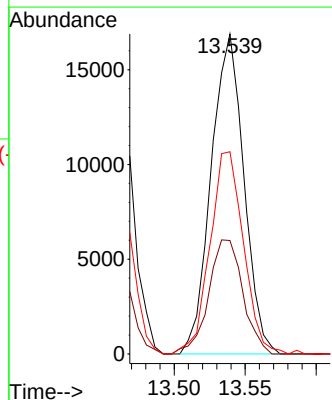
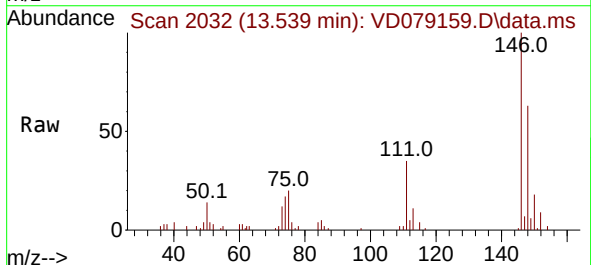
Manual Integrations
APPROVED

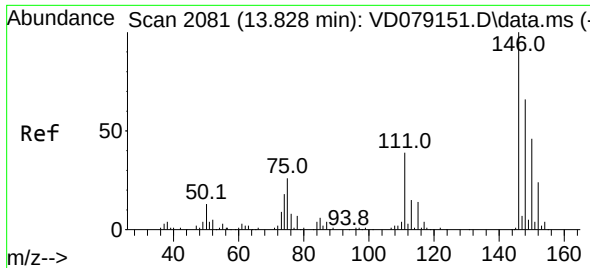
Reviewed By :Mahesh Dadoda 06/13/2024
Supervised By :Semsettin Yesilyurt 06/13/2024



#65
1,4-Dichlorobenzene
Concen: 23.465 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD079159.D
Acq: 10 Jun 2024 15:26

Tgt Ion:146 Resp: 27084
Ion Ratio Lower Upper
146 100
111 35.5 26.3 48.9
148 63.2 43.1 80.1





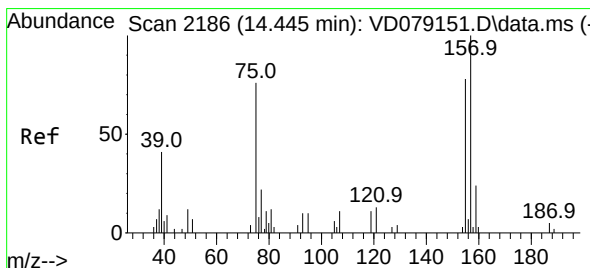
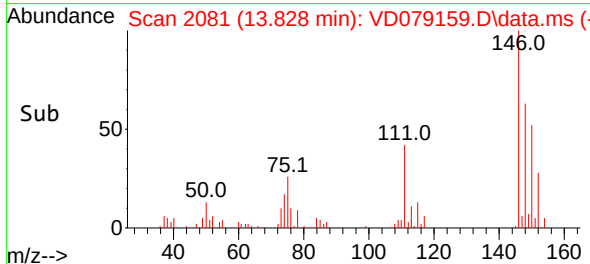
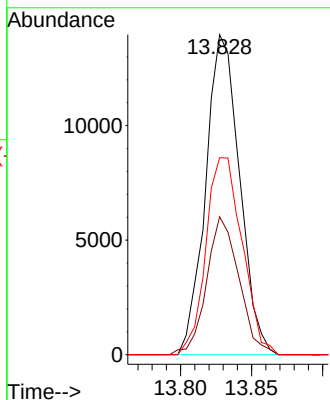
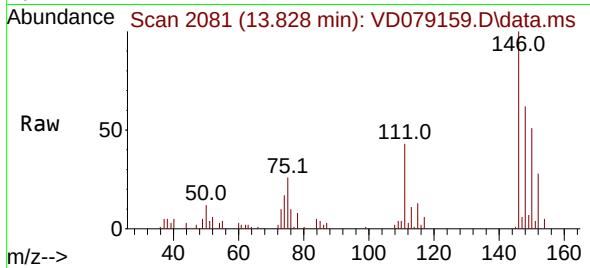
#67
1,2-Dichlorobenzene
Concen: 23.079 ug/L
RT: 13.828 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VD079159.D
Acq: 10 Jun 2024 15:26

Instrument :
MSVOA_D
ClientSampleId :
A4BQ3MS

Tgt Ion:146 Resp: 2324
Ion Ratio Lower Upper
146 100
111 43.1 29.1 43.7
148 61.6 51.2 76.8

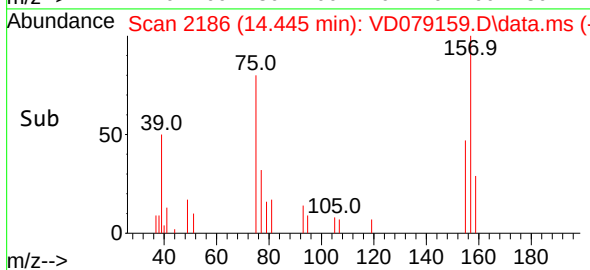
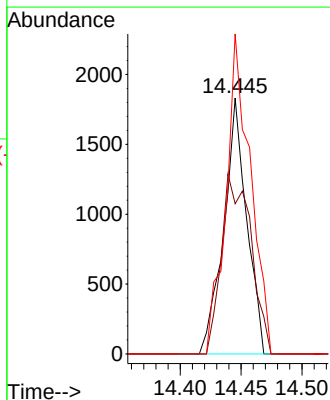
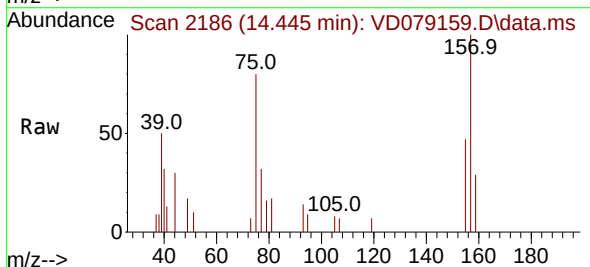
Manual Integrations
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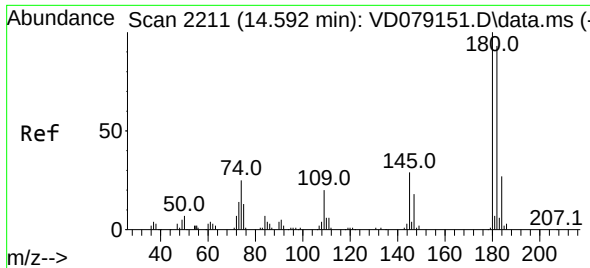
Reviewed By :Mahesh Dadoda 06/13/2024
Supervised By :Semsettin Yesilyurt 06/13/2024



#68
1,2-Dibromo-3-chloropropane
Concen: 38.207 ug/L
RT: 14.445 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VD079159.D
Acq: 10 Jun 2024 15:26

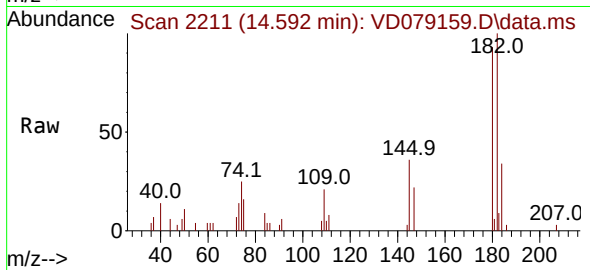
Tgt Ion: 75 Resp: 2378
Ion Ratio Lower Upper
75 100
155 58.7 68.1 102.1#
157 125.1 91.6 137.4





#69
 1,3,5-Trichlorobenzene
 Concen: 13.149 ug/L
 RT: 14.592 min Scan# 211
 Delta R.T. -0.000 min
 Lab File: VD079159.D
 Acq: 10 Jun 2024 15:26

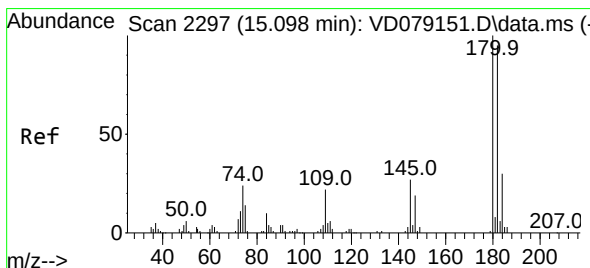
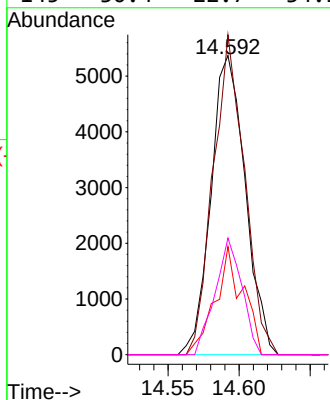
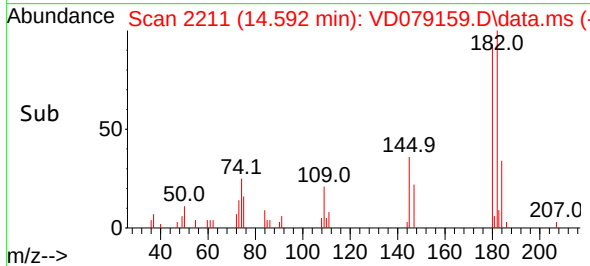
Instrument :
 MSVOA_D
 ClientSampleId :
 A4BQ3MS



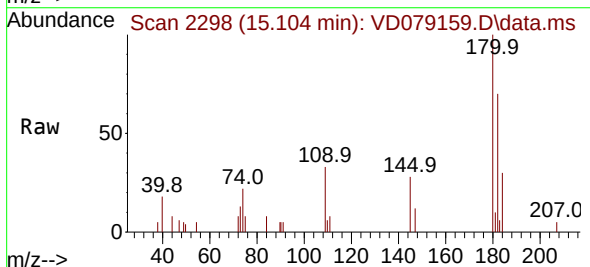
Tgt Ion:180 Resp: 9034
 Ion Ratio Lower Upper
 180 100
 182 97.5 76.9 115.3
 184 21.3 23.3 34.9
 145 30.4 22.7 34.1

Manual Integrations
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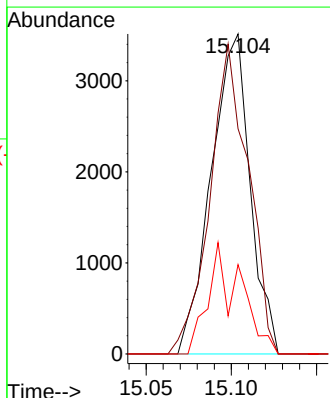
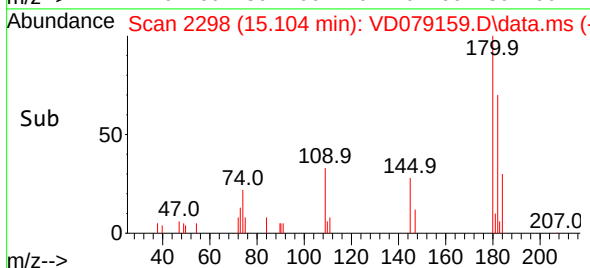
Reviewed By :Mahesh Dadoda 06/13/2024
 Supervised By :Semsettin Yesilyurt 06/13/2024

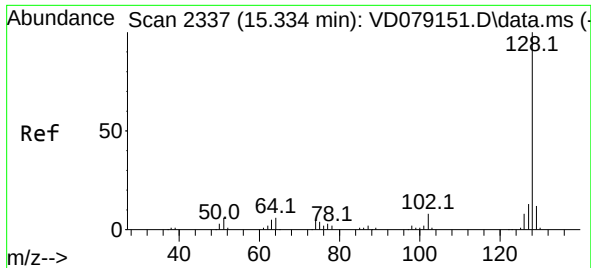


#70
 1,2,4-trichlorobenzene
 Concen: 9.779 ug/L
 RT: 15.104 min Scan# 2298
 Delta R.T. 0.006 min
 Lab File: VD079159.D
 Acq: 10 Jun 2024 15:26



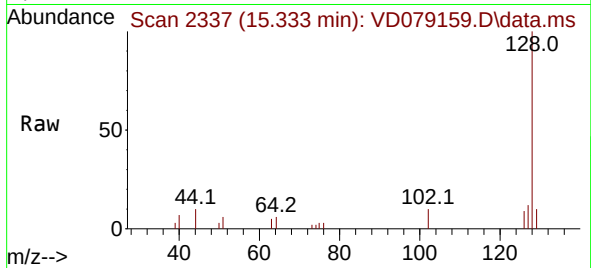
Tgt Ion:180 Resp: 5580
 Ion Ratio Lower Upper
 180 100
 182 95.6 73.8 110.6
 145 12.6 22.3 33.5#





#71
Naphthalene
Concen: 12.668 ug/L
RT: 15.333 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VD079159.D
Acq: 10 Jun 2024 15:26

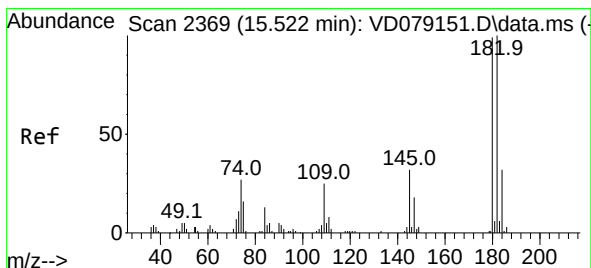
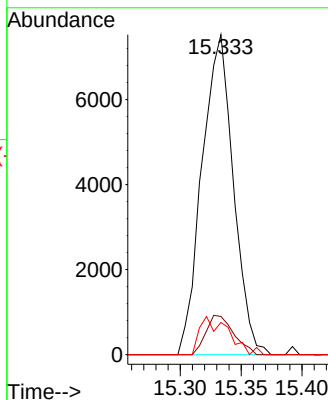
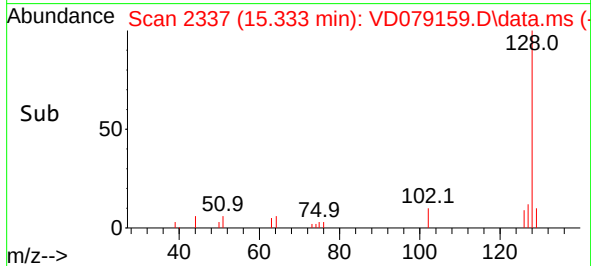
Instrument :
MSVOA_D
ClientSampleId :
A4BQ3MS



Tgt Ion:128	Resp:	13518
Ion Ratio	Lower	Upper
128	100	
127	10.8	10.8 16.2
129	5.0	8.5 12.7

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 06/13/2024
Supervised By :Semsettin Yesilyurt 06/13/2024



#72
1,2,3-Trichlorobenzene
Concen: 8.719 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD079159.D
Acq: 10 Jun 2024 15:26

Tgt Ion:180	Resp:	4300
Ion Ratio	Lower	Upper
180	100	
182	92.7	79.4 119.2
145	28.9	24.7 37.1

