

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW051524\
 Data File : VW035615.D
 Acq On : 15 May 2024 10:16
 Operator : SY/MD
 Sample : P2409-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: May 16 01:39:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR051424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu May 16 01:35:17 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh
 Dadoda

05/17/2024
 Supervised By :Semsettin
 Yesilyurt

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	225236	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	240644	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	103481	5.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.275	65	59343	4.154	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.000%
7) Chloroethane-d5	1.529	69	57588	4.452	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.000%
11) 1,1-Dichloroethene-d2	2.056	65	26319	4.147	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.000%
20) 2-Butanone-d5	3.831	46	143509	43.102	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.200%
24) Chloroform-d	4.246	84	138960	4.584	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
26) 1,2-Dichloroethane-d4	4.944	65	67654	4.867	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
32) Benzene-d6	4.957	84	247259	4.483	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
36) 1,2-Dichloropropane-d6	5.989	67	85301	4.880	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.600%
41) Toluene-d8	7.243	98	191975	3.947	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.000%
43) trans-1,3-Dichloroprop...	7.558	79	26628	4.379	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.600%
46) 2-Hexanone-d5	8.030	63	121589	44.203	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.400%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	62384	4.406	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.200%
66) 1,2-Dichlorobenzene-d4	11.561	152	79681	4.979	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.600%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.105	85	4708	0.261	ug/L	100
3) Chloromethane	1.214	50	5647	0.277	ug/L	99
5) Vinyl chloride	1.281	62	5340	0.261	ug/L #	73
6) Bromomethane	1.487	94	3912	0.283	ug/L	98
8) Chloroethane	1.548	64	3571	0.270	ug/L	95
9) Trichlorofluoromethane	1.712	101	7178	0.272	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	5488	0.330	ug/L #	84
12) 1,1-Dichloroethene	2.066	96	5247	0.331	ug/L #	1
14) Carbon disulfide	2.236	76	11980	0.271	ug/L	96
15) Methyl Acetate	2.400	43	1313m	0.216	ug/L	
16) Methylene chloride	2.445	84	7370	0.330	ug/L	95
17) Methyl tert-butyl Ether	2.706	73	9335	0.255	ug/L	96
18) trans-1,2-Dichloroethene	2.696	96	4239	0.257	ug/L	98
19) 1,1-Dichloroethane	3.111	63	8017	0.244	ug/L	96
21) 2-Butanone	3.937	43	8619m	2.423	ug/L	
22) cis-1,2-Dichloroethene	3.825	96	4331	0.250	ug/L	97
23) Bromochloromethane	4.169	128	2328	0.276	ug/L #	78
25) Chloroform	4.275	83	11724	0.342	ug/L	99
27) 1,2-Dichloroethane	5.063	62	5230	0.275	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) 1,1,1-Trichloroethane	4.513	97	7543	0.259	ug/L	98
30) Cyclohexane	4.574	56	4903	0.233	ug/L	94
31) Carbon tetrachloride	4.731	117	6281	0.248	ug/L	100
33) Benzene	5.014	78	16140	0.244	ug/L	100
34) Trichloroethene	5.847	95	5471	0.288	ug/L	89
35) Methylcyclohexane	6.043	83	5628	0.229	ug/L	97
37) 1,2-Dichloropropane	6.104	63	4990	0.281	ug/L #	89
38) Bromodichloromethane	6.442	83	6554	0.274	ug/L	95
39) cis-1,3-Dichloropropene	6.973	75	5666	0.239	ug/L	99
40) 4-Methyl-2-pentanone	7.172	43	18898m	2.240	ug/L	
42) Toluene	7.323	91	16048	0.233	ug/L	94
44) trans-1,3-Dichloropropene	7.603	75	5044m	0.252	ug/L	
45) 1,1,2-Trichloroethane	7.776	97	3503	0.252	ug/L	88
47) Tetrachloroethene	7.911	164	3762	0.251	ug/L	93
48) 2-Hexanone	8.091	43	23193	3.739	ug/L #	90
49) Dibromochloromethane	8.178	129	3830	0.249	ug/L	96
50) 1,2-Dibromoethane	8.294	107	3317	0.257	ug/L #	99
51) Chlorobenzene	8.818	112	12972	0.271	ug/L	97
52) Ethylbenzene	8.953	91	16671	0.231	ug/L	96
53) m,p-Xylene	9.082	106	5531	0.202	ug/L	98
54) o-Xylene	9.484	106	5411	0.208	ug/L	87
55) Styrene	9.509	104	8861	0.196	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.178	83	3789	0.255	ug/L #	90
59) Bromoform	9.677	173	1981	0.266	ug/L #	94
60) Isopropylbenzene	9.870	105	13839	0.236	ug/L	97
61) 1,2,3-Trichloropropane	10.214	75	2811	0.291	ug/L #	86
62) 1,3,5-Trimethylbenzene	10.477	105	10477	0.227	ug/L	98
63) 1,2,4-Trimethylbenzene	10.857	105	10247	0.224	ug/L	96
64) 1,3-Dichlorobenzene	11.124	146	8466	0.268	ug/L	97
65) 1,4-Dichlorobenzene	11.214	146	9928	0.305	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	9256	0.307	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.371	75	532	0.259	ug/L #	82
69) 1,3,5-Trichlorobenzene	12.586	180	7203	0.301	ug/L	94
70) 1,2,4-trichlorobenzene	13.204	180	5414	0.285	ug/L	97
71) Naphthalene	13.451	128	6847	0.251	ug/L #	96
72) 1,2,3-Trichlorobenzene	13.683	180	4753	0.271	ug/L	98

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

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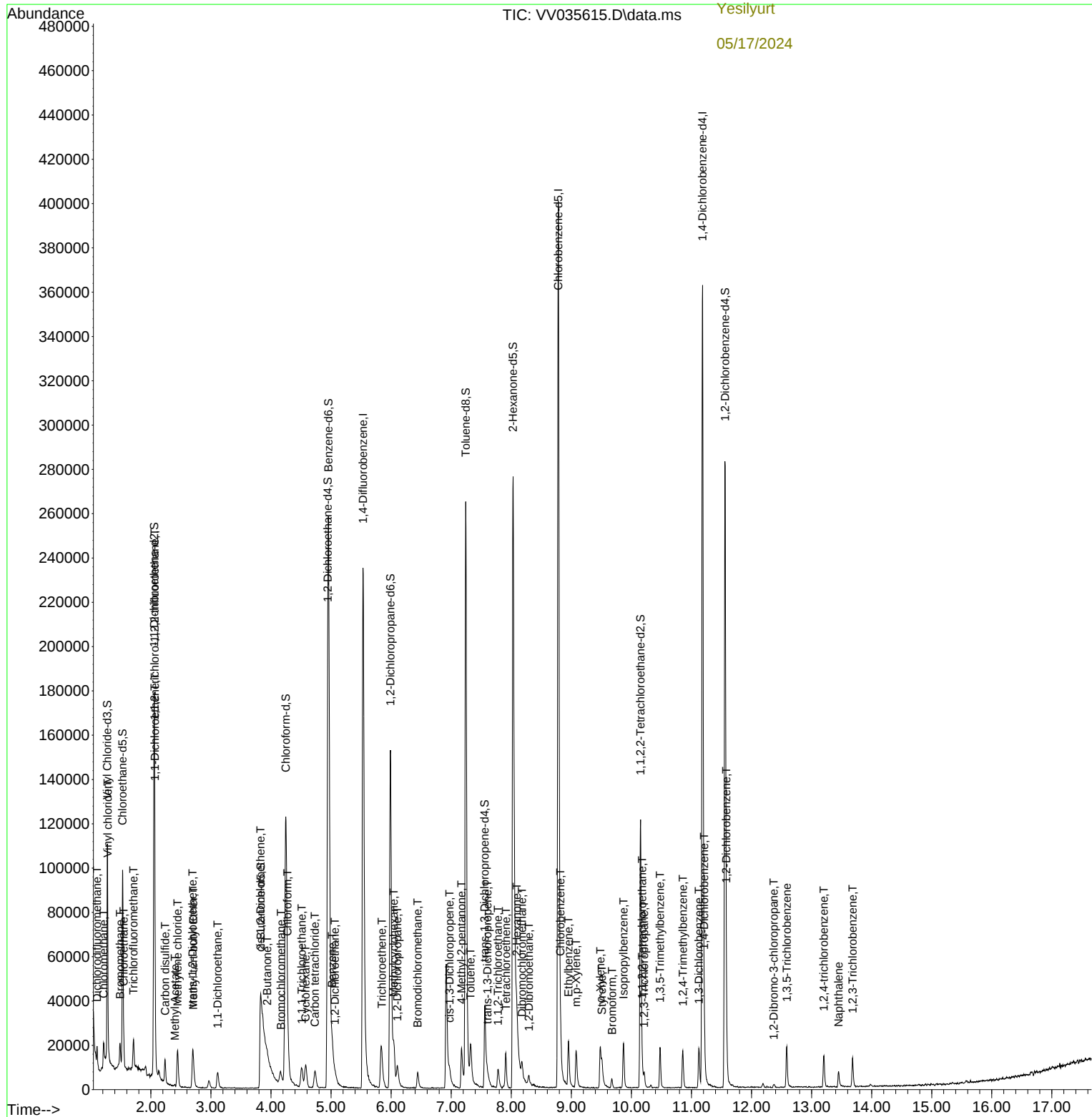
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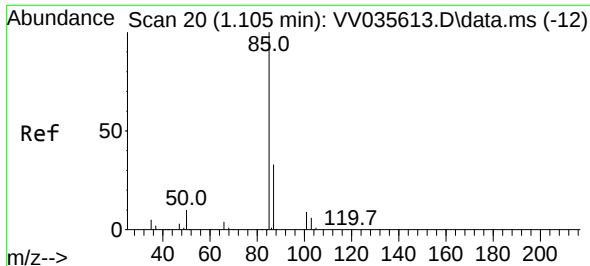
Manual Integrations
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Reviewed By :Mahesh
Dadoda

05/17/2024
Supervised By :Semsettin
Yesilyurt

05/17/2024





#2
Dichlorodifluoromethane
Concen: 0.261 ug/L
RT: 1.105 min Scan# 20
Delta R.T. 0.000 min
Lab File: VV035615.D
Acq: 15 May 2024 10:16

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

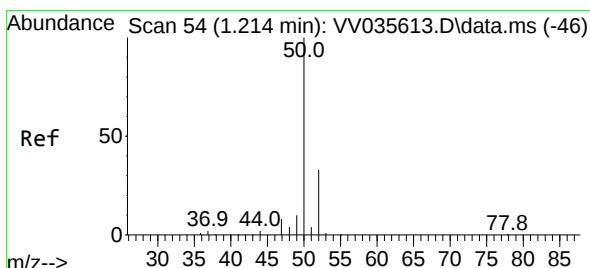
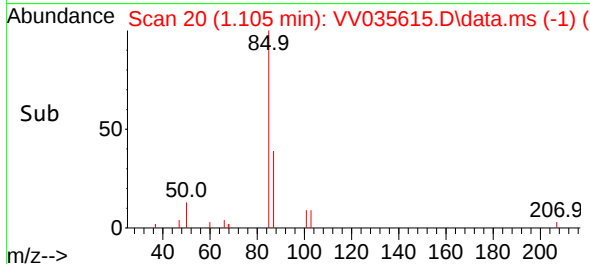
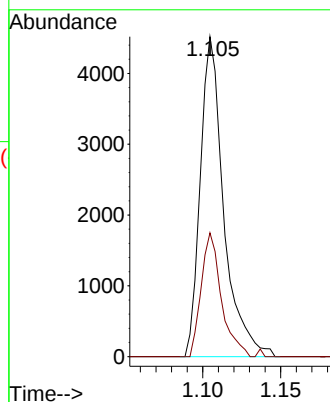
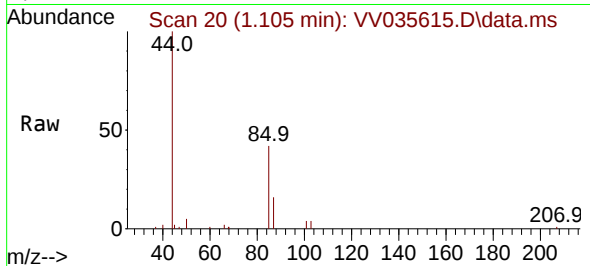
Tgt Ion: 85 Resp: 4708
Ion Ratio Lower Upper
85 100
87 33.3 26.4 39.6

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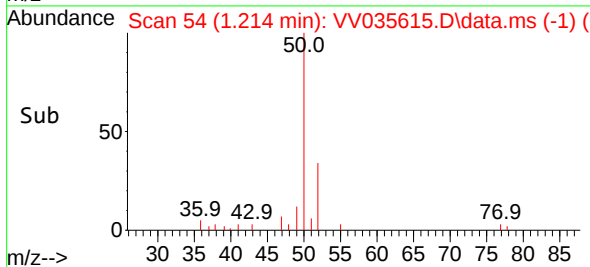
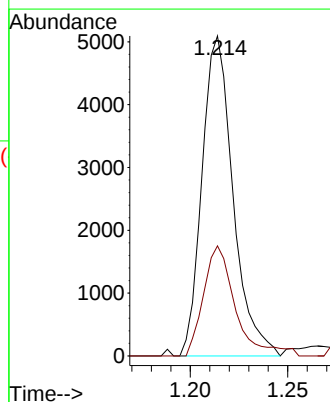
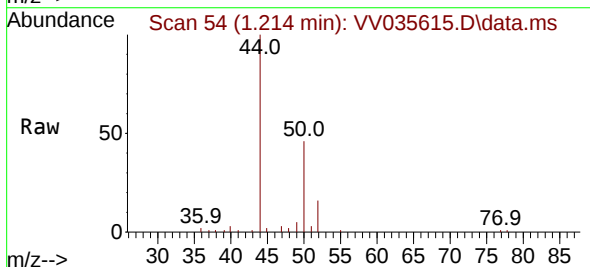
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Yesilyurt

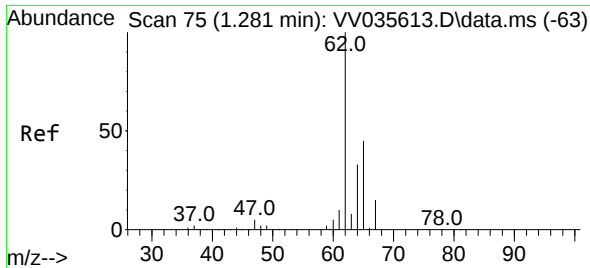
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#3
Chloromethane
Concen: 0.277 ug/L
RT: 1.214 min Scan# 54
Delta R.T. 0.000 min
Lab File: VV035615.D
Acq: 15 May 2024 10:16

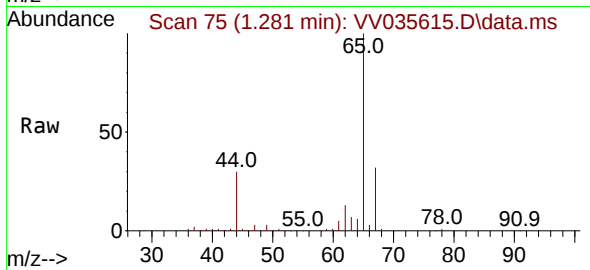
Tgt Ion: 50 Resp: 5647
Ion Ratio Lower Upper
50 100
52 34.4 23.7 43.9





#5
 Vinyl chloride
 Concen: 0.261 ug/L
 RT: 1.281 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV035615.D
 Acq: 15 May 2024 10:16

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



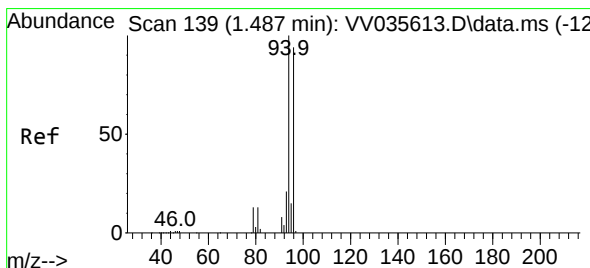
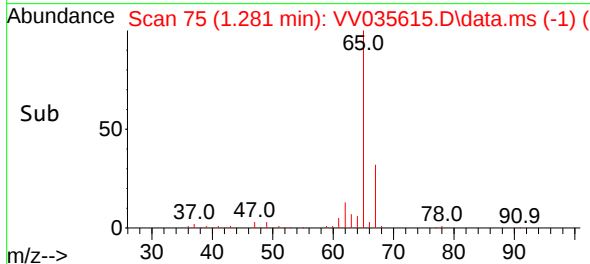
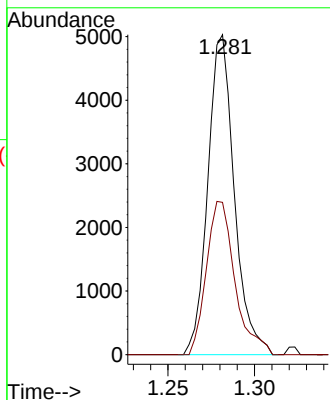
Tgt Ion: 62 Resp: 5340
 Ion Ratio Lower Upper
 62 100
 64 47.6 22.9 42.5

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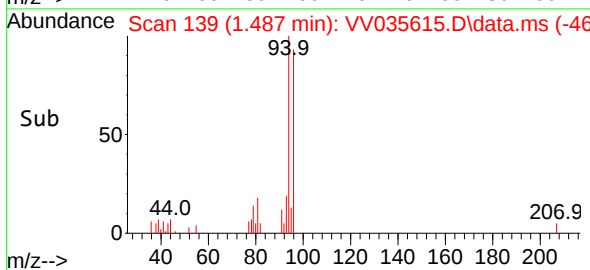
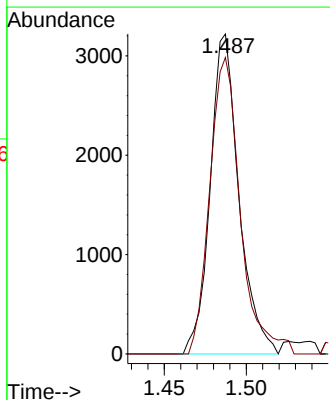
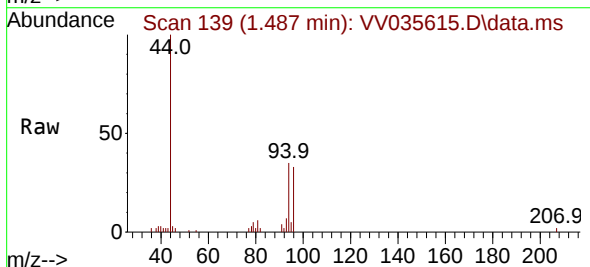
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 Yesilyurt

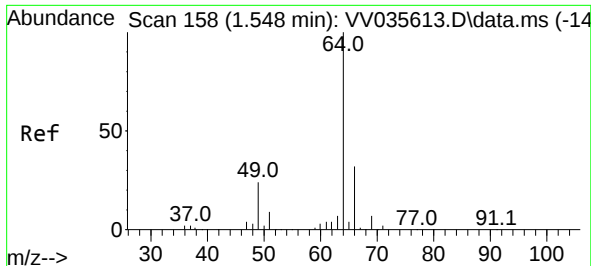
05/17/2024



#6
 Bromomethane
 Concen: 0.283 ug/L
 RT: 1.487 min Scan# 139
 Delta R.T. 0.000 min
 Lab File: VV035615.D
 Acq: 15 May 2024 10:16

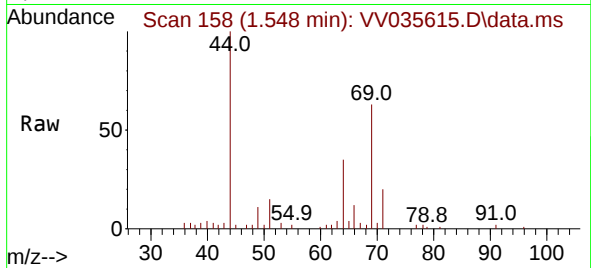
Tgt Ion: 94 Resp: 3912
 Ion Ratio Lower Upper
 94 100
 96 92.7 66.4 123.4





#8
Chloroethane
Concen: 0.270 ug/L
RT: 1.548 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV035615.D
Acq: 15 May 2024 10:16

Instrument :
MSVOA_V
ClientSampleId :
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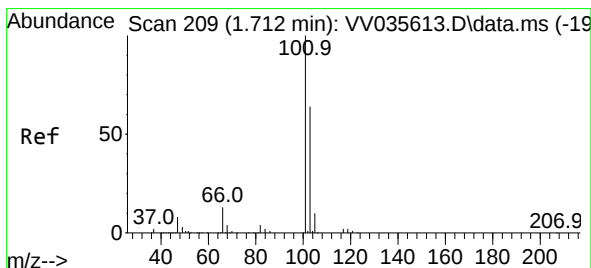
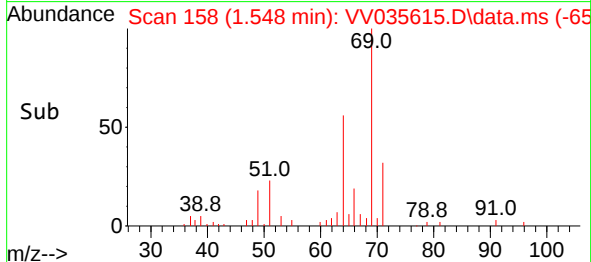
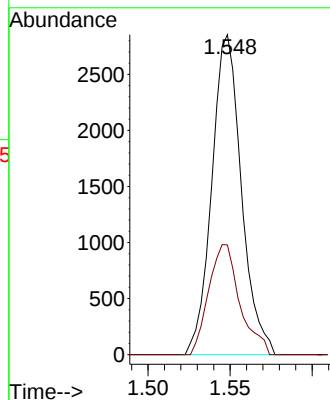
Tgt Ion: 64 Resp: 357
Ion Ratio Lower Upper
64 100
66 34.3 22.3 41.3

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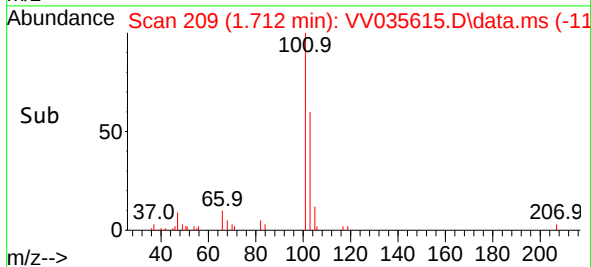
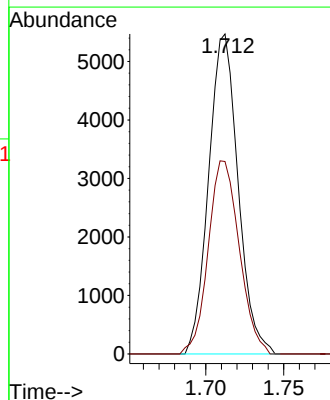
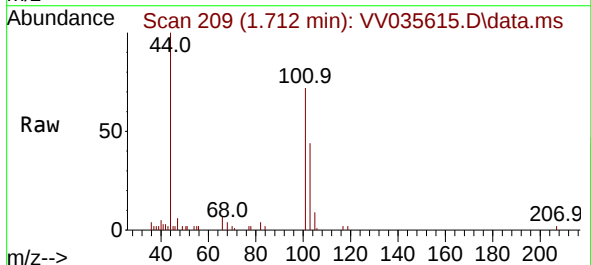
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Supervised By :Semsettin
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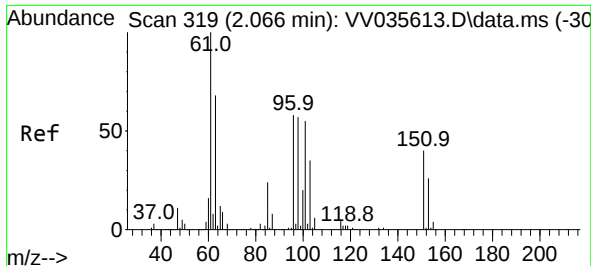
05/17/2024



#9
Trichlorofluoromethane
Concen: 0.272 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV035615.D
Acq: 15 May 2024 10:16

Tgt Ion:101 Resp: 7178
Ion Ratio Lower Upper
101 100
103 63.6 52.8 79.2





#10

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

Concen: 0.330 ug/L

RT: 2.063 min Scan# 319

Delta R.T. -0.003 min

Lab File: VV035615.D

Acq: 15 May 2024 10:16

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT2-2024-04

Tgt Ion:	101	Resp:	548
Ion Ratio	Lower	Upper	
101	100		
85	36.2	34.6	51.8
151	57.9	59.3	88.9

Manual Integrations

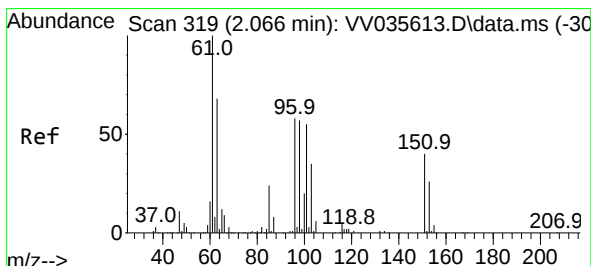
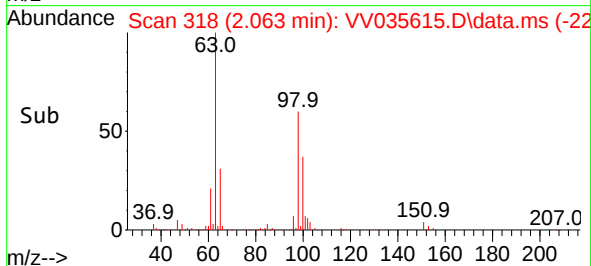
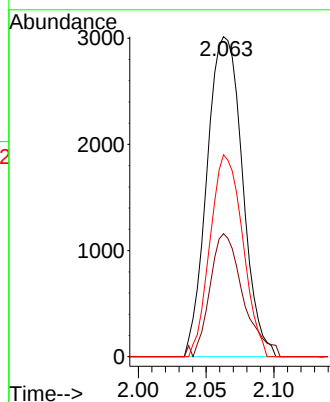
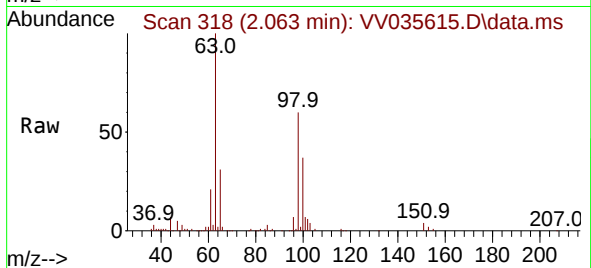
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#12

1,1-Dichloroethene

Concen: 0.331 ug/L

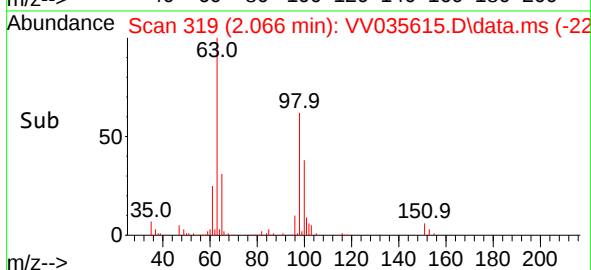
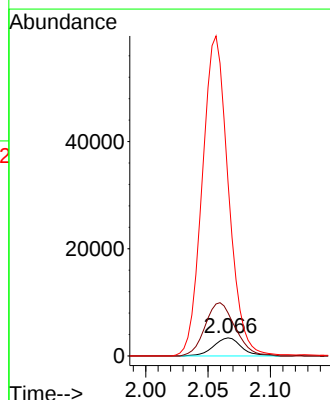
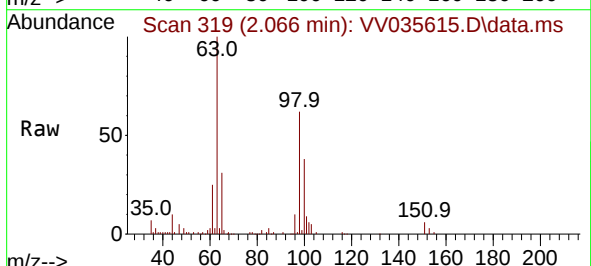
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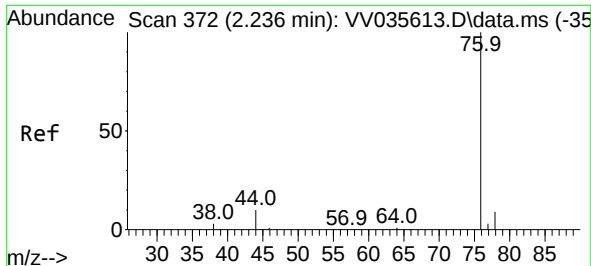
Delta R.T. 0.000 min

Lab File: VV035615.D

Acq: 15 May 2024 10:16

Tgt Ion:	96	Resp:	5247
Ion Ratio	Lower	Upper	
96	100		
61	237.8	122.8	228.1#
63	961.0	85.1	158.1#





#14

Carbon disulfide

Concen: 0.271 ug/L

RT: 2.236 min Scan# 31

Delta R.T. 0.000 min

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ClientSampleId :

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Tgt Ion: 76 Resp: 11980

Ion Ratio Lower Upper

76 100

78 10.5 7.3 10.9

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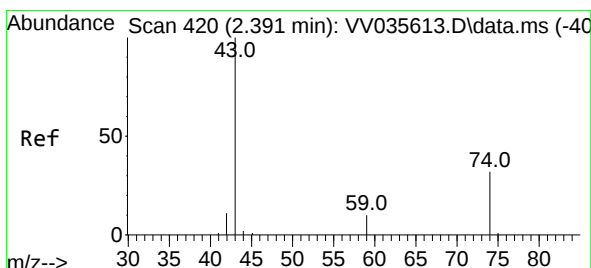
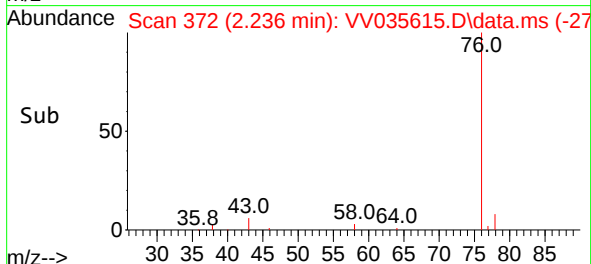
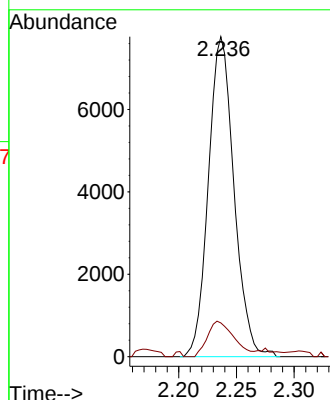
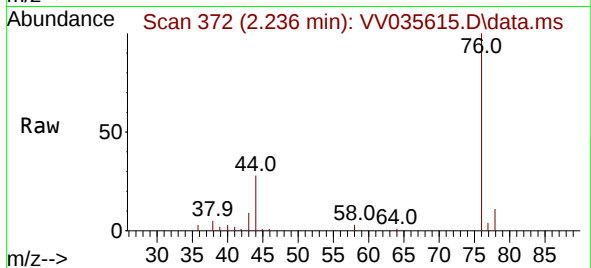
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05/17/2024

Supervised By :Semsettin
Yesilyurt

05/17/2024



#15

Methyl Acetate

Concen: 0.216 ug/L m

RT: 2.400 min Scan# 423

Delta R.T. 0.010 min

Lab File: VV035615.D

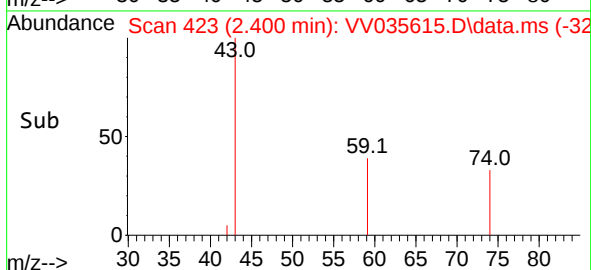
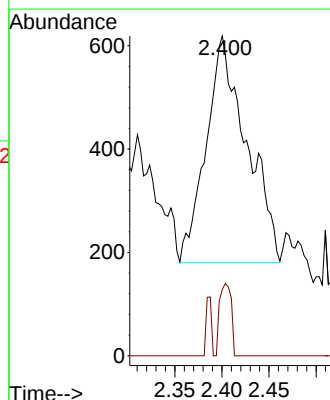
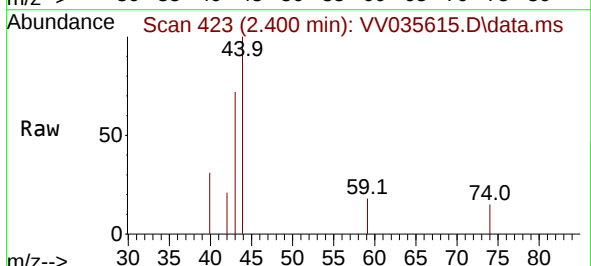
Acq: 15 May 2024 10:16

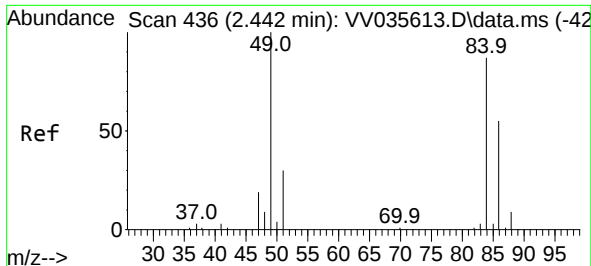
Tgt Ion: 43 Resp: 1313

Ion Ratio Lower Upper

43 100

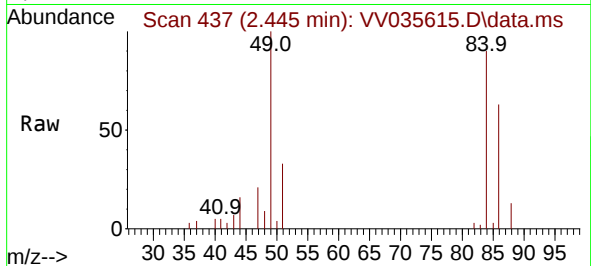
74 9.1 23.2 34.8#





#16
Methylene chloride
Concen: 0.330 ug/L
RT: 2.445 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV035615.D
Acq: 15 May 2024 10:16

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



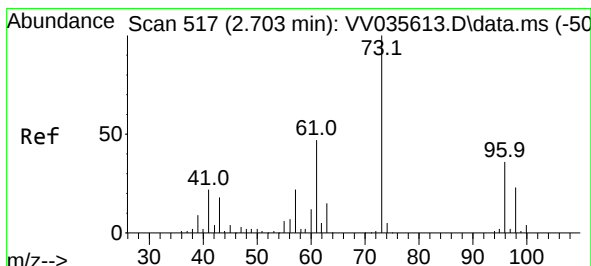
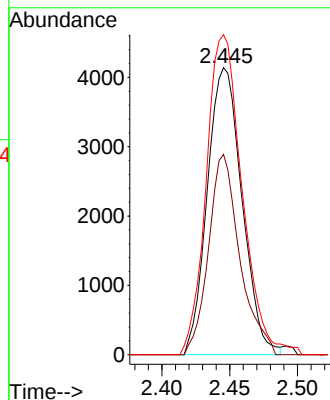
Tgt Ion: 84 Resp: 7370
Ion Ratio Lower Upper
84 100
86 69.8 44.9 83.5
49 111.5 75.8 140.8

Manual Integrations
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Reviewed By :Mahesh
Dadoda

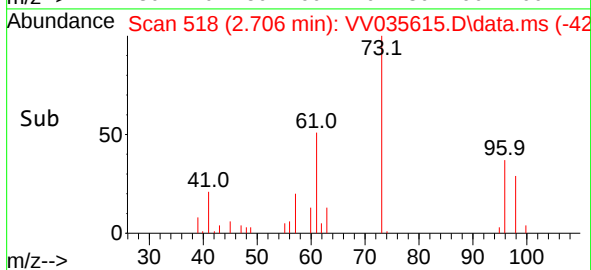
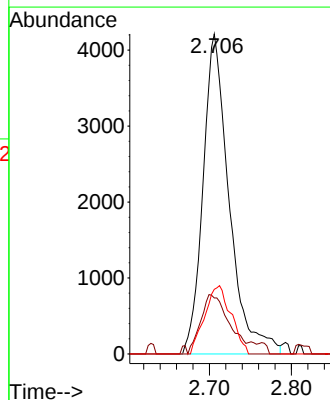
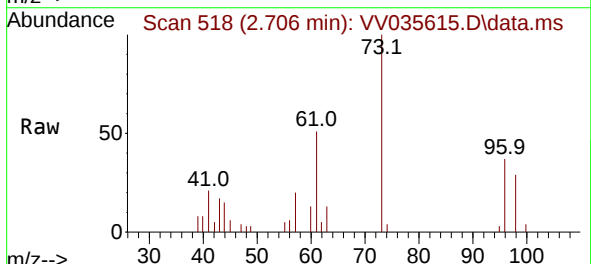
05/17/2024
Supervised By :Semsettin
Yesilyurt

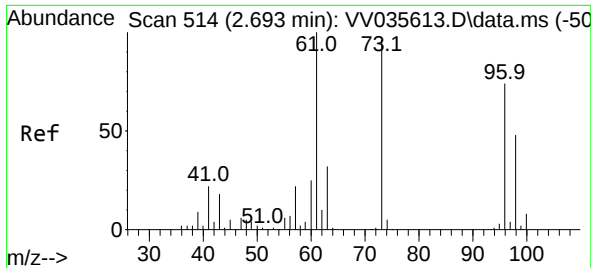
05/17/2024



#17
Methyl tert-butyl Ether
Concen: 0.255 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.003 min
Lab File: VV035615.D
Acq: 15 May 2024 10:16

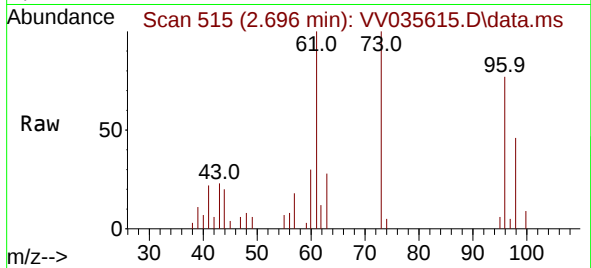
Tgt Ion: 73 Resp: 9335
Ion Ratio Lower Upper
73 100
43 20.2 13.8 20.8
57 21.4 17.7 26.5





#18
trans-1,2-Dichloroethene
Concen: 0.257 ug/L
RT: 2.696 min Scan# 514
Delta R.T. 0.003 min
Lab File: VV035615.D
Acq: 15 May 2024 10:16

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



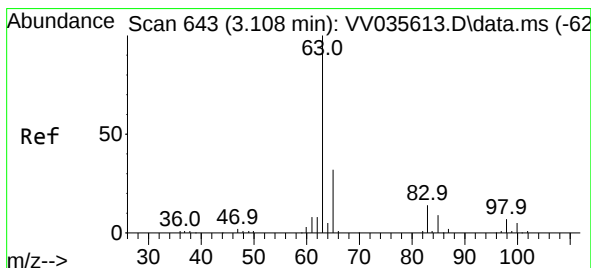
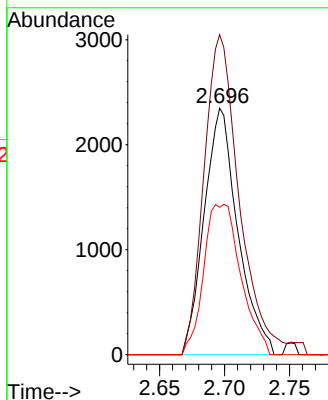
Tgt Ion: 96 Resp: 4239
Ion Ratio Lower Upper
96 100
61 129.9 91.1 169.3
98 59.8 44.7 83.1

Manual Integrations
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Reviewed By :Mahesh
Dadoda

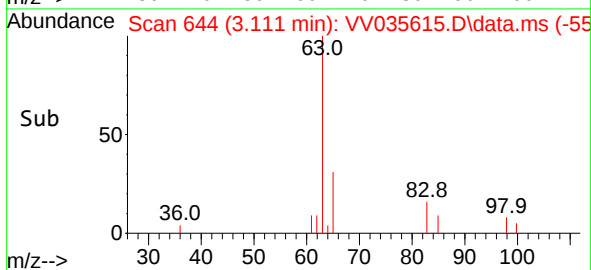
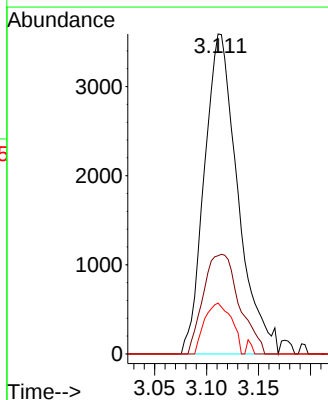
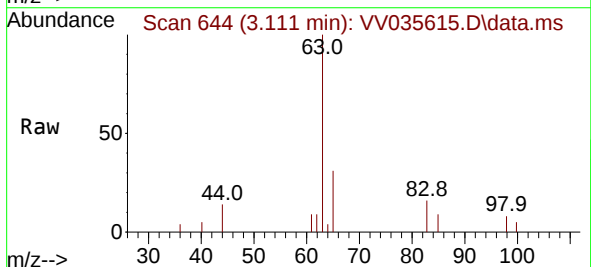
05/17/2024
Supervised By :Semsettin
Yesilyurt

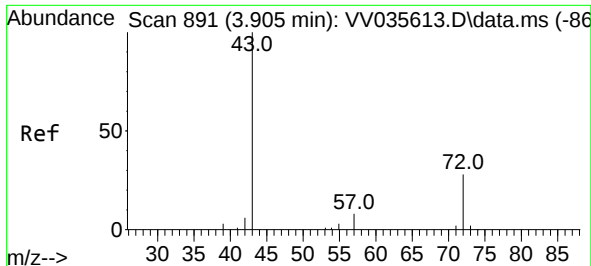
05/17/2024



#19
1,1-Dichloroethane
Concen: 0.244 ug/L
RT: 3.111 min Scan# 644
Delta R.T. 0.003 min
Lab File: VV035615.D
Acq: 15 May 2024 10:16

Tgt Ion: 63 Resp: 8017
Ion Ratio Lower Upper
63 100
65 30.7 22.5 41.9
83 15.9 9.2 17.0





#21

2-Butanone

Concen: 2.423 ug/L m

RT: 3.937 min Scan# 901

Delta R.T. 0.032 min

Lab File: VV035615.D

Acq: 15 May 2024 10:16

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT2-2024-04

Tgt Ion: 43 Resp: 8619

Ion Ratio Lower Upper

43 100

72 0.6 12.0 36.1

Manual Integrations

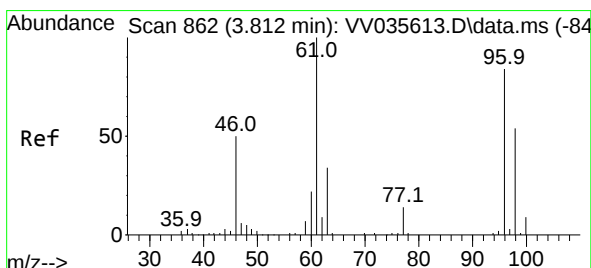
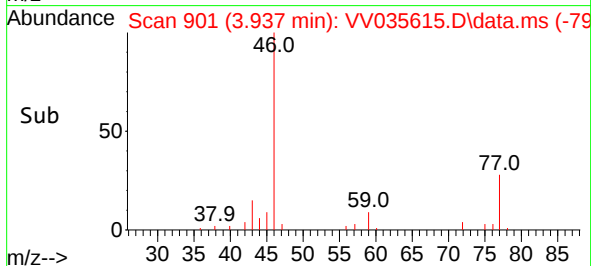
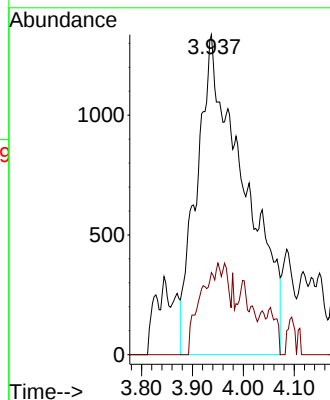
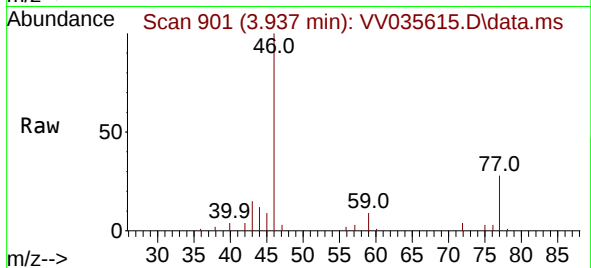
APPROVED

Reviewed By :Mahesh
Dadoda

05/17/2024

Supervised By :Semsettin
Yesilyurt

05/17/2024



#22

cis-1,2-Dichloroethene

Concen: 0.250 ug/L

RT: 3.825 min Scan# 866

Delta R.T. 0.013 min

Lab File: VV035615.D

Acq: 15 May 2024 10:16

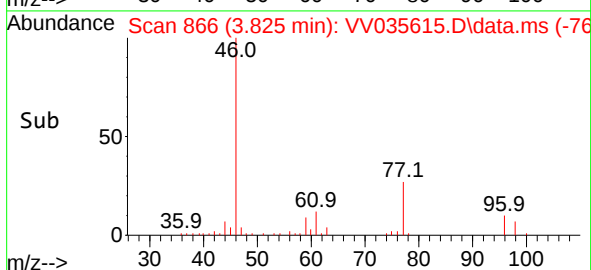
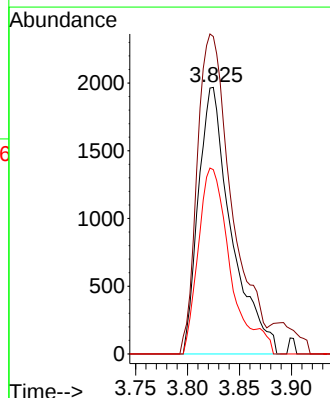
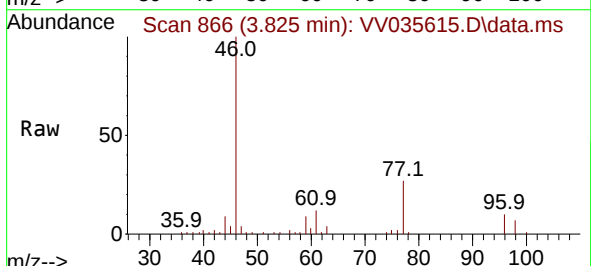
Tgt Ion: 96 Resp: 4331

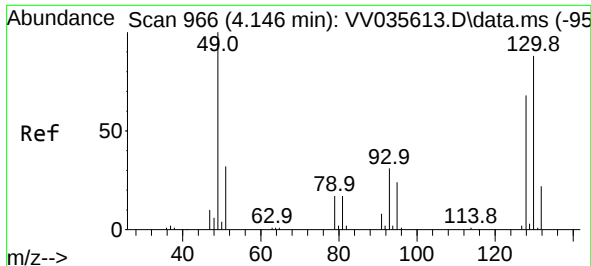
Ion Ratio Lower Upper

96 100

61 119.1 84.3 156.5

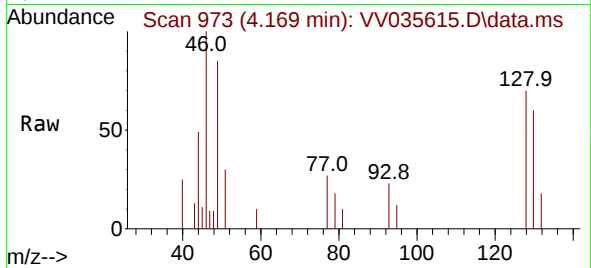
98 69.2 45.6 84.6





#23
Bromochloromethane
Concen: 0.276 ug/L
RT: 4.169 min Scan# 91
Delta R.T. 0.023 min
Lab File: VV035615.D
Acq: 15 May 2024 10:16

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



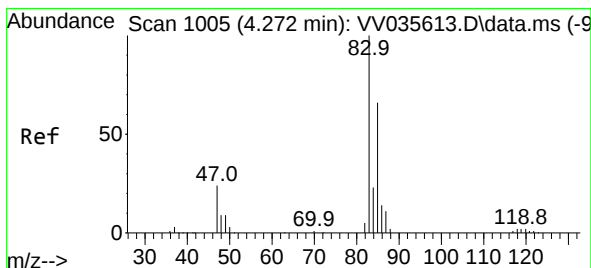
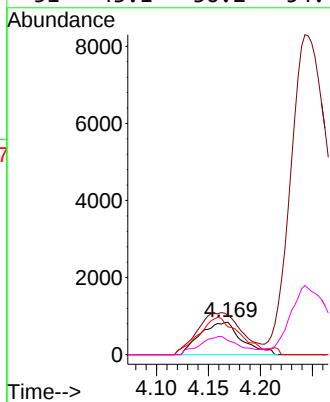
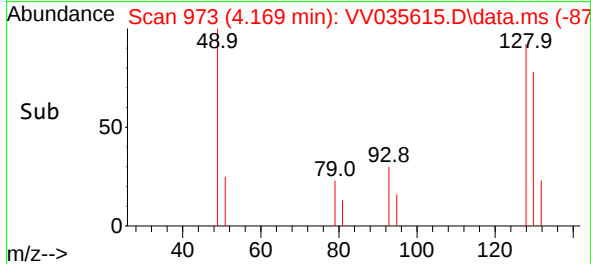
Tgt Ion:128 Resp: 2328
Ion Ratio Lower Upper
128 100
49 121.2 98.6 183.0
130 85.3 87.6 162.8
51 43.1 36.2 54.4

Manual Integrations
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Reviewed By :Mahesh
Dadoda

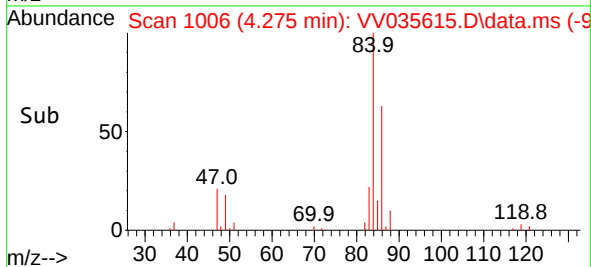
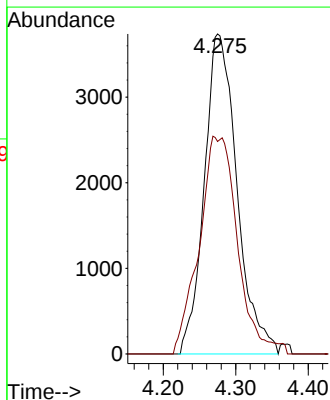
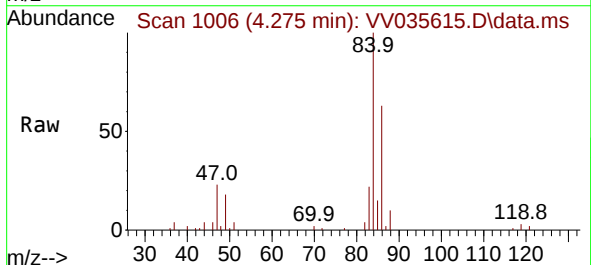
05/17/2024
Supervised By :Semsettin
Yesilyurt

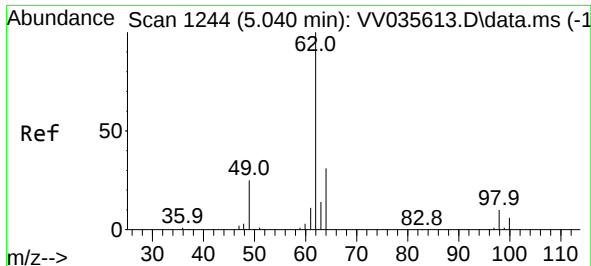
05/17/2024



#25
Chloroform
Concen: 0.342 ug/L
RT: 4.275 min Scan# 1006
Delta R.T. 0.003 min
Lab File: VV035615.D
Acq: 15 May 2024 10:16

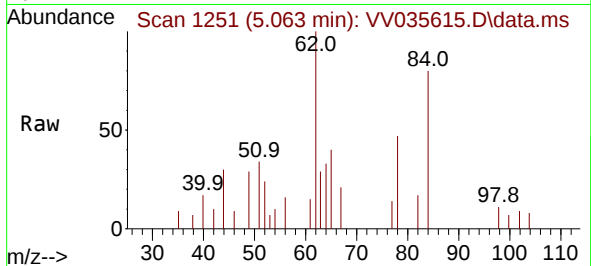
Tgt Ion: 83 Resp: 11724
Ion Ratio Lower Upper
83 100
85 66.4 45.9 85.3





#27
1,2-Dichloroethane
Concen: 0.275 ug/L
RT: 5.063 min Scan# 1080
Delta R.T. 0.023 min
Lab File: VV035615.D
Acq: 15 May 2024 10:16

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



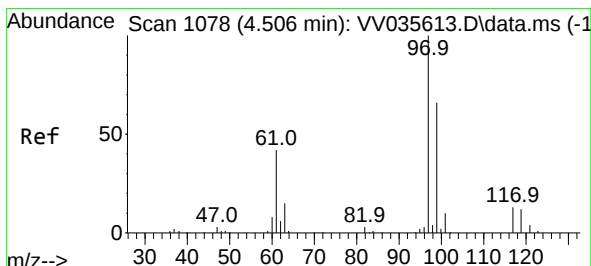
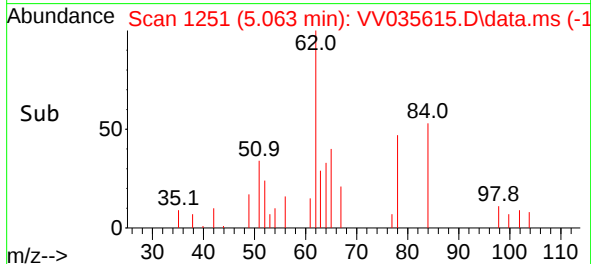
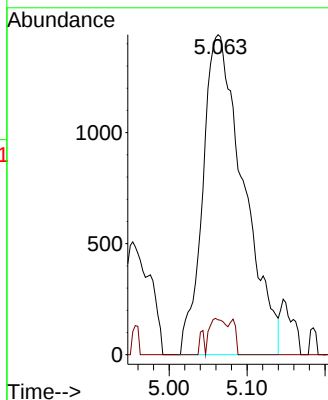
Tgt Ion: 62 Resp: 5230
Ion Ratio Lower Upper
62 100
98 10.9 8.2 12.4

Manual Integrations
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Reviewed By :Mahesh
Dadoda

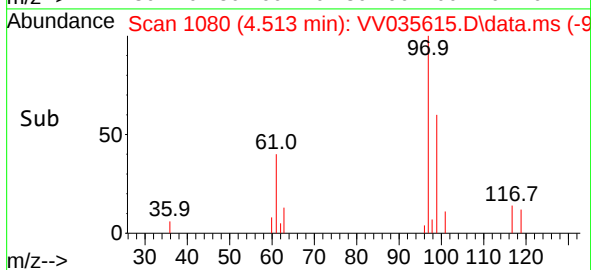
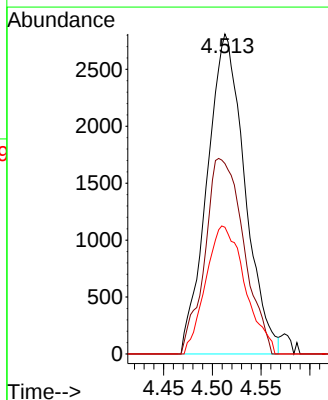
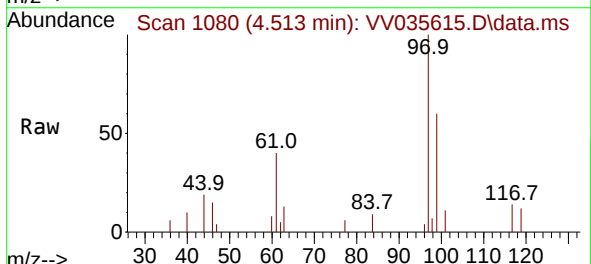
05/17/2024
Supervised By :Semsettin
Yesilyurt

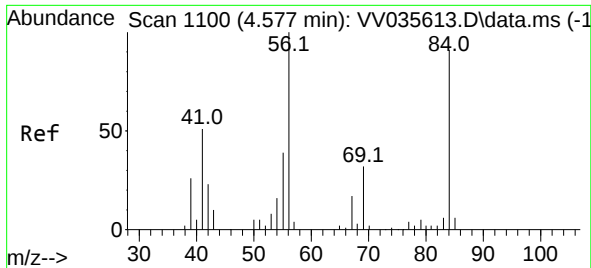
05/17/2024



#29
1,1,1-Trichloroethane
Concen: 0.259 ug/L
RT: 4.513 min Scan# 1080
Delta R.T. 0.006 min
Lab File: VV035615.D
Acq: 15 May 2024 10:16

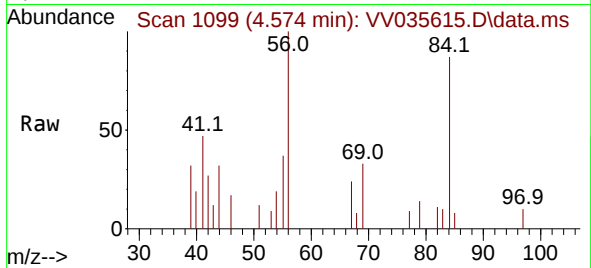
Tgt Ion: 97 Resp: 7543
Ion Ratio Lower Upper
97 100
99 63.2 52.4 78.6
61 41.8 33.9 50.9





#30
Cyclohexane
Concen: 0.233 ug/L
RT: 4.574 min Scan# 1100
Delta R.T. -0.003 min
Lab File: VV035615.D
Acq: 15 May 2024 10:16

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



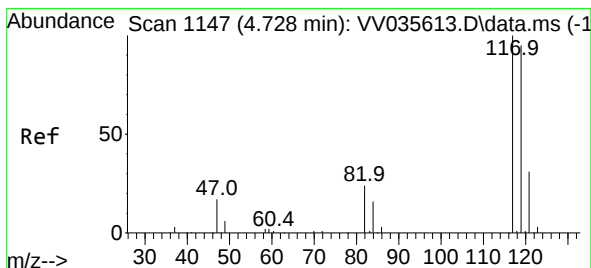
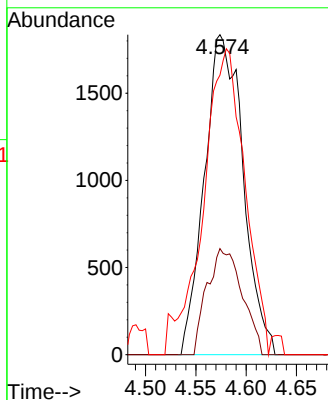
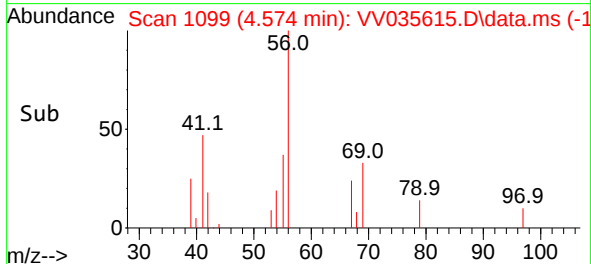
Tgt Ion: 56 Resp: 490
Ion Ratio Lower Upper
56 100
69 30.1 26.4 39.6
84 100.4 75.0 112.6

Manual Integrations
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Reviewed By :Mahesh
Dadoda

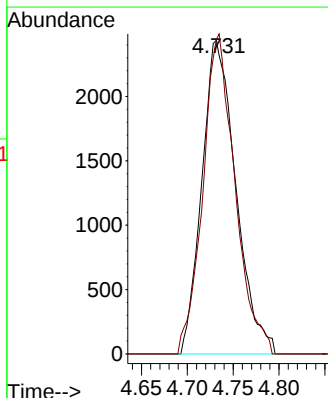
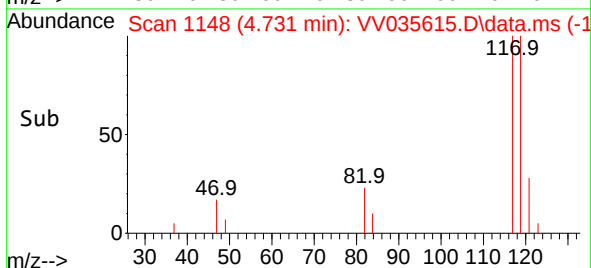
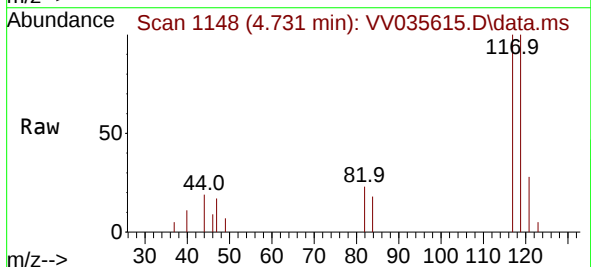
05/17/2024
Supervised By :Semsettin
Yesilyurt

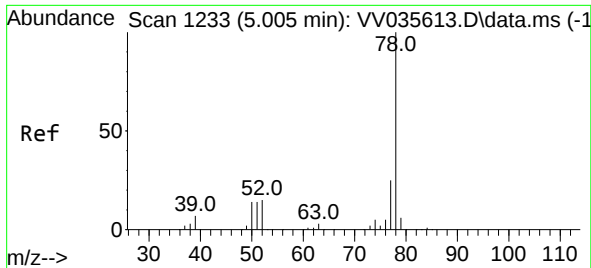
05/17/2024



#31
Carbon tetrachloride
Concen: 0.248 ug/L
RT: 4.731 min Scan# 1148
Delta R.T. 0.003 min
Lab File: VV035615.D
Acq: 15 May 2024 10:16

Tgt Ion:117 Resp: 6281
Ion Ratio Lower Upper
117 100
119 96.2 77.2 115.8





#33

Benzene

Concen: 0.244 ug/L

RT: 5.014 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV035615.D

Acq: 15 May 2024 10:16

Tgt Ion: 78 Resp: 16140

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT2-2024-04

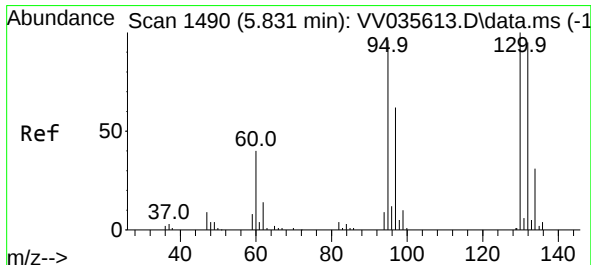
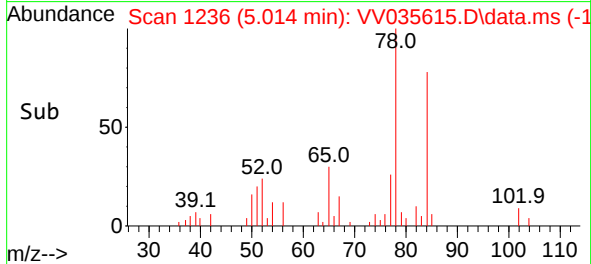
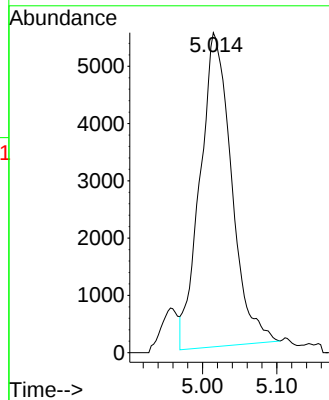
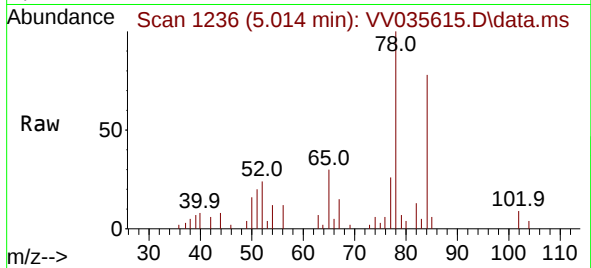
Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda

05/17/2024

Supervised By :Semsettin
Yesilyurt

05/17/2024



#34

Trichloroethene

Concen: 0.288 ug/L

RT: 5.847 min Scan# 1495

Delta R.T. 0.016 min

Lab File: VV035615.D

Acq: 15 May 2024 10:16

Tgt Ion: 95 Resp: 5471

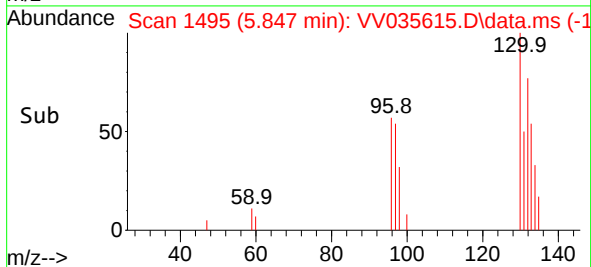
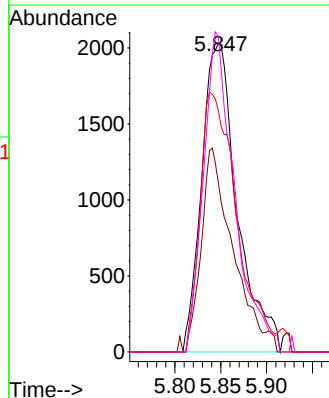
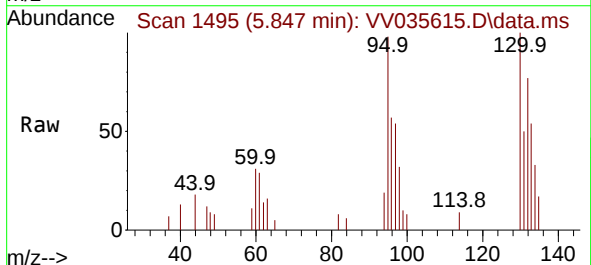
Ion Ratio Lower Upper

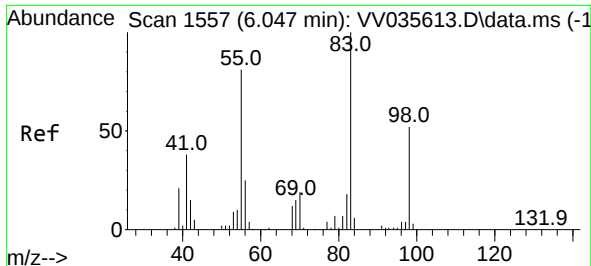
95 100

97 55.1 45.2 84.0

132 78.4 68.7 127.7

130 102.3 72.2 134.0





#35

Methylcyclohexane

Concen: 0.229 ug/L

RT: 6.043 min Scan# 1556

Delta R.T. -0.003 min

Lab File: VV035615.D

Acq: 15 May 2024 10:16

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT2-2024-04

Tgt Ion: 83	Resp: 5628
Ion Ratio	Lower Upper
83 100	
55 79.6	60.7 91.1
98 48.3	38.4 57.6

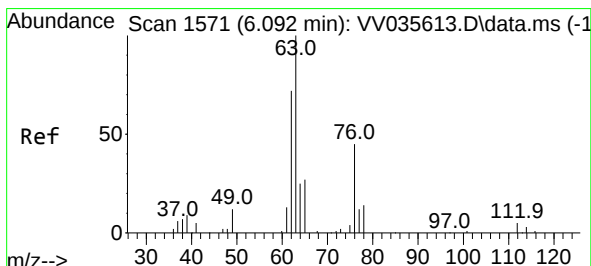
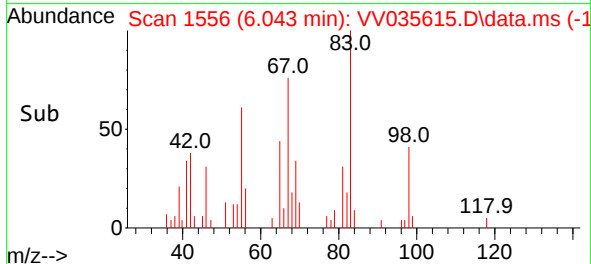
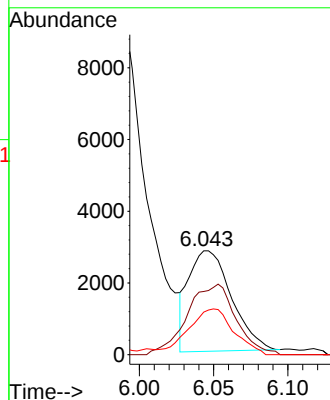
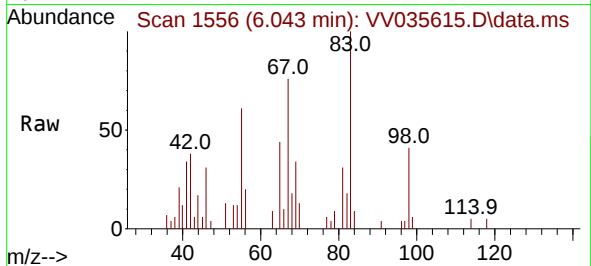
Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda

05/17/2024

Supervised By :Semsettin
Yesilyurt

05/17/2024



#37

1,2-Dichloropropane

Concen: 0.281 ug/L

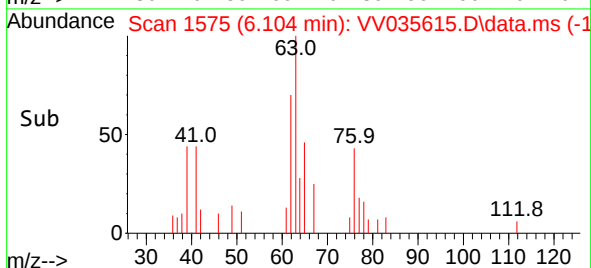
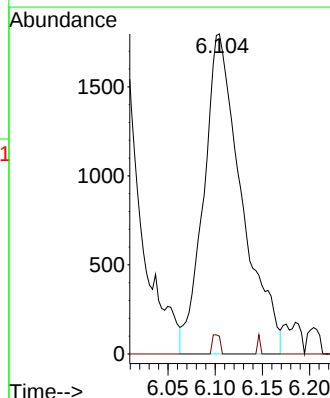
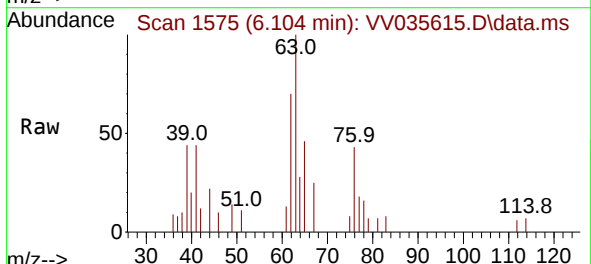
RT: 6.104 min Scan# 1575

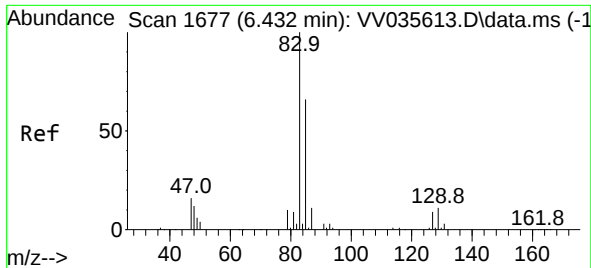
Delta R.T. 0.013 min

Lab File: VV035615.D

Acq: 15 May 2024 10:16

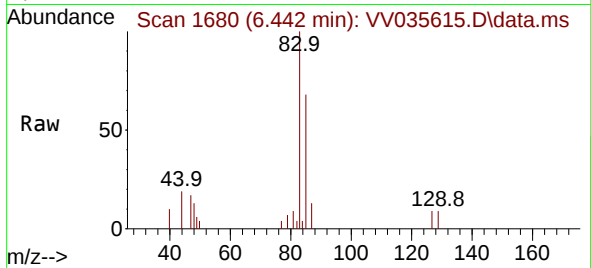
Tgt Ion: 63	Resp: 4990
Ion Ratio	Lower Upper
63 100	
112 1.2	3.9 5.9#





#38
Bromodichloromethane
Concen: 0.274 ug/L
RT: 6.442 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV035615.D
Acq: 15 May 2024 10:16

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



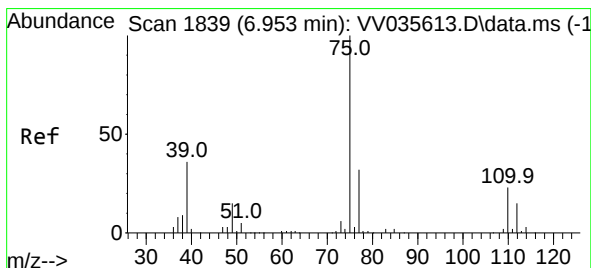
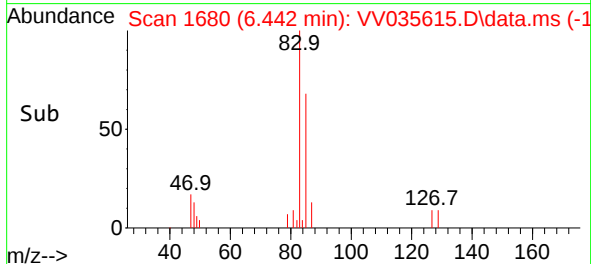
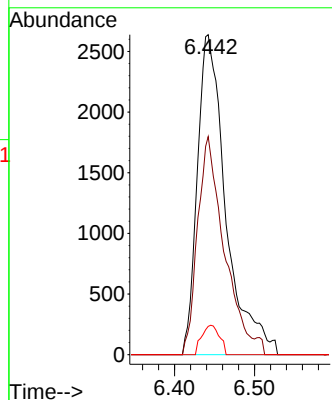
Tgt Ion: 83 Resp: 6554
Ion Ratio Lower Upper
83 100
85 68.2 44.6 82.8
127 8.8 7.2 10.8

Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda

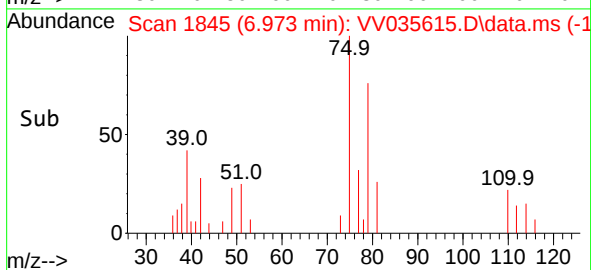
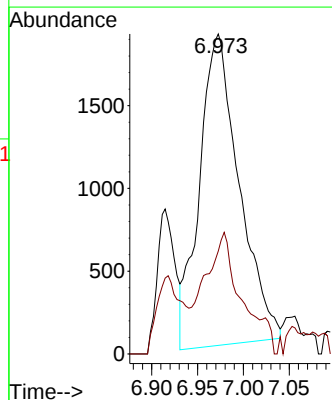
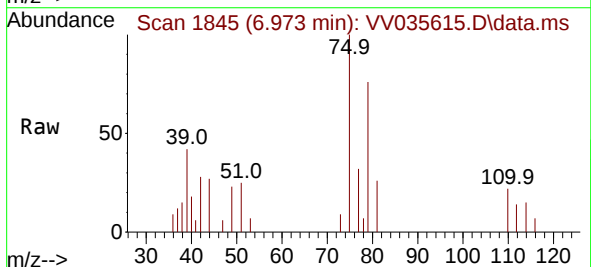
05/17/2024
Supervised By :Semsettin
Yesilyurt

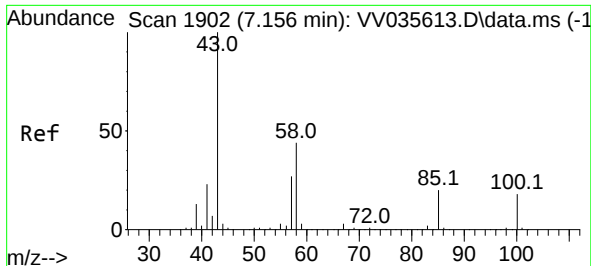
05/17/2024



#39
cis-1,3-Dichloropropene
Concen: 0.239 ug/L
RT: 6.973 min Scan# 1845
Delta R.T. 0.019 min
Lab File: VV035615.D
Acq: 15 May 2024 10:16

Tgt Ion: 75 Resp: 5666
Ion Ratio Lower Upper
75 100
77 32.1 23.0 42.8





#40

4-Methyl-2-pentanone

Concen: 2.240 ug/L m

RT: 7.172 min Scan# 1907

Delta R.T. 0.016 min

Lab File: VV035615.D

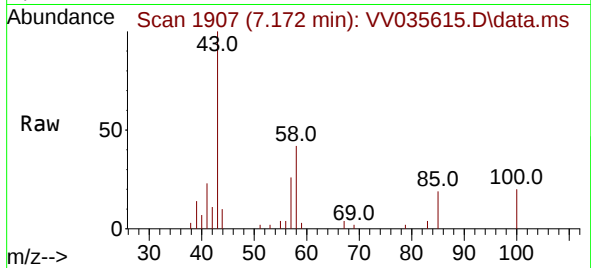
Acq: 15 May 2024 10:16

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT2-2024-04



Tgt Ion: 43	Resp: 1889
Ion Ratio	Lower Upper
43	100
58	28.8 35.8 53.6
100	0.0 14.1 21.1

Manual Integrations

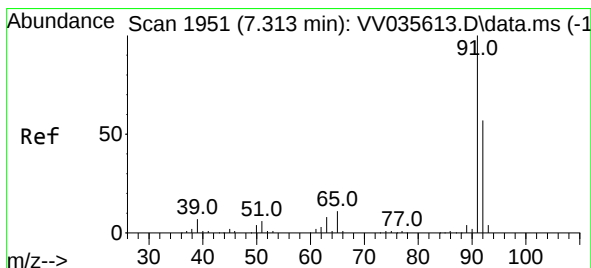
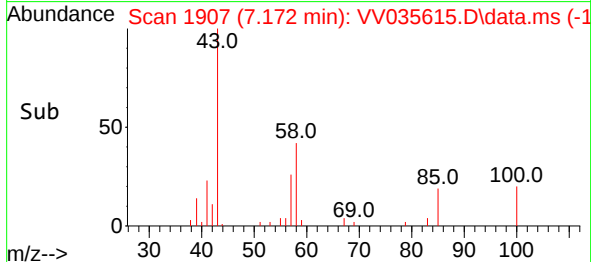
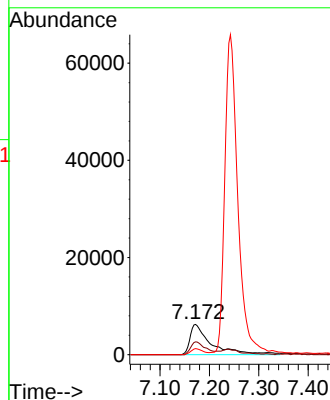
APPROVED

Reviewed By :Mahesh
Dadoda

05/17/2024

Supervised By :Semsettin
Yesilyurt

05/17/2024



#42

Toluene

Concen: 0.233 ug/L

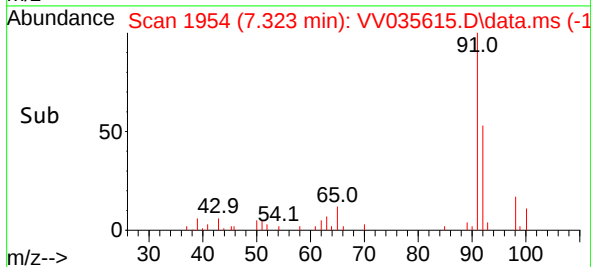
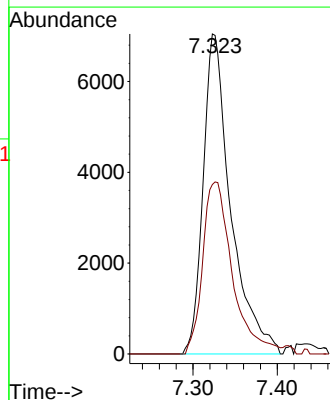
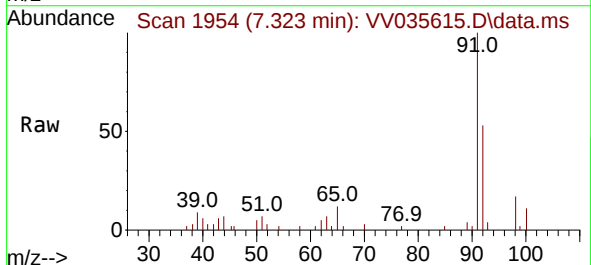
RT: 7.323 min Scan# 1954

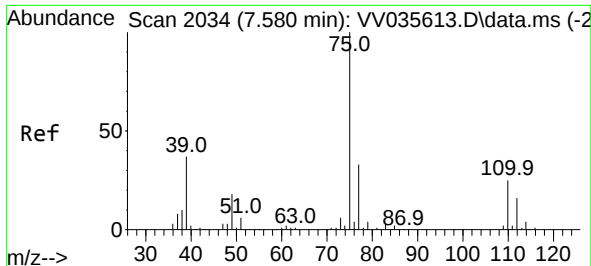
Delta R.T. 0.010 min

Lab File: VV035615.D

Acq: 15 May 2024 10:16

Tgt Ion: 91	Resp: 16048
Ion Ratio	Lower Upper
91	100
92	52.9 40.4 75.0





#44
trans-1,3-Dichloropropene
Concen: 0.252 ug/L m
RT: 7.603 min Scan# 2041
Delta R.T. 0.023 min
Lab File: VV035615.D
Acq: 15 May 2024 10:16

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

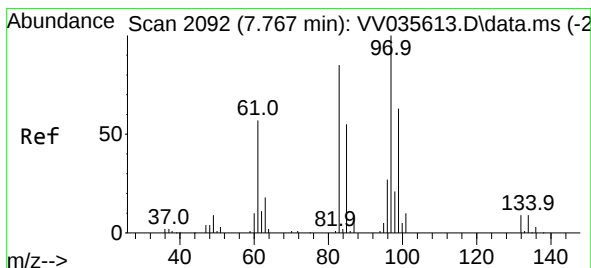
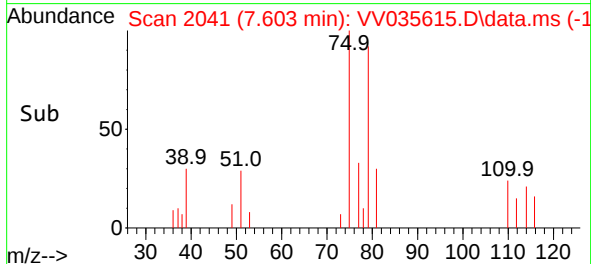
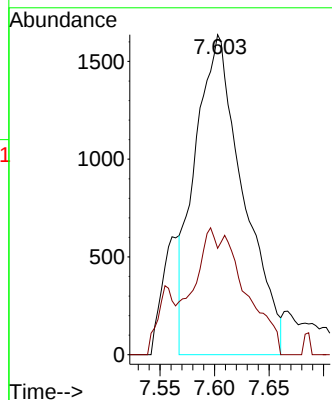
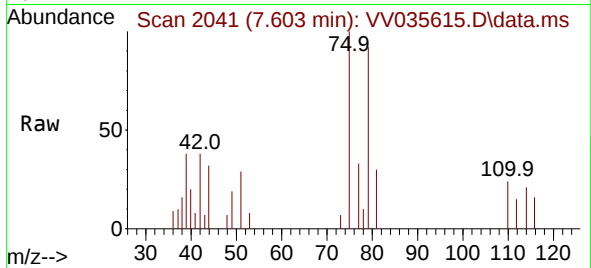
Tgt Ion: 75 Resp: 504
Ion Ratio Lower Upper
75 100
77 33.2 22.4 41.6

Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda

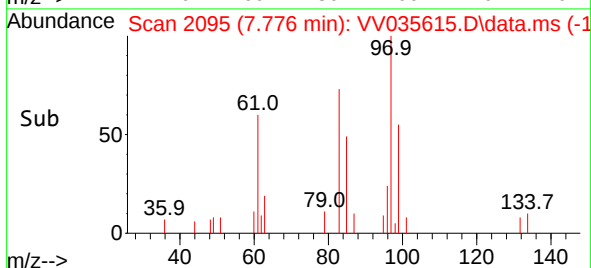
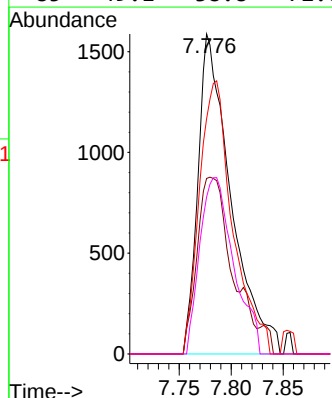
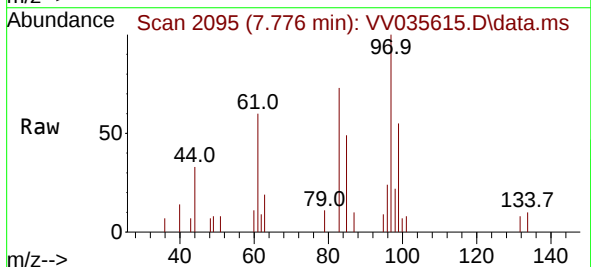
05/17/2024
Supervised By :Semsettin
Yesilyurt

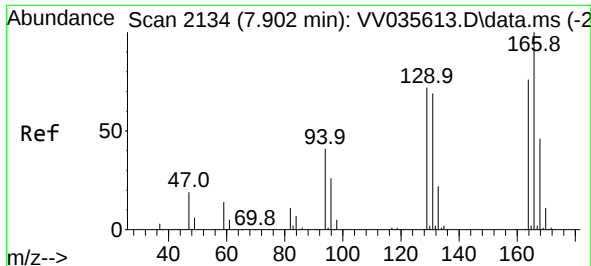
05/17/2024



#45
1,1,2-Trichloroethane
Concen: 0.252 ug/L
RT: 7.776 min Scan# 2095
Delta R.T. 0.010 min
Lab File: VV035615.D
Acq: 15 May 2024 10:16

Tgt Ion: 97 Resp: 3503
Ion Ratio Lower Upper
97 100
99 54.8 46.1 85.5
83 73.5 59.0 109.6
85 49.1 38.8 72.0





#47

Tetrachloroethene

Concen: 0.251 ug/L

RT: 7.911 min Scan# 2134

Delta R.T. 0.010 min

Lab File: VV035615.D

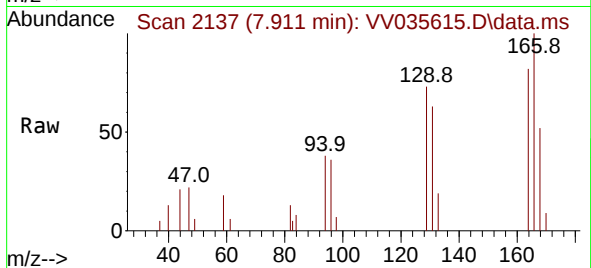
Acq: 15 May 2024 10:16

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT2-2024-04



Tgt Ion:164 Resp: 376

Ion Ratio Lower Upper

164 100

129 89.8 64.9 120.5

131 76.7 61.8 114.8

166 122.4 90.9 168.9

Manual Integrations

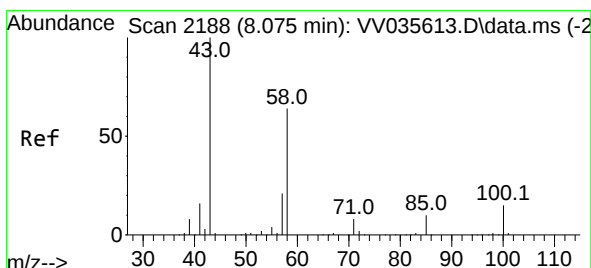
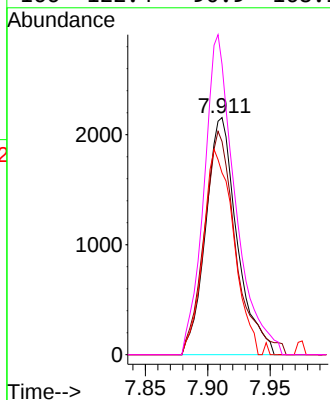
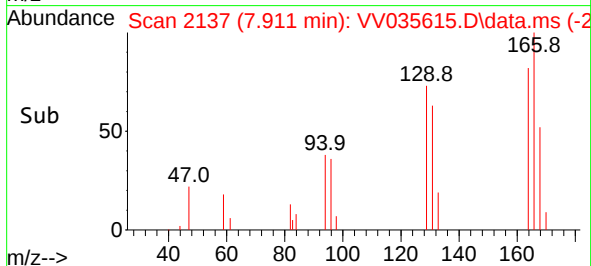
APPROVED

Reviewed By :Mahesh
Dadoda

05/17/2024

Supervised By :Semsettin
Yesilyurt

05/17/2024



#48

2-Hexanone

Concen: 3.739 ug/L

RT: 8.091 min Scan# 2193

Delta R.T. 0.016 min

Lab File: VV035615.D

Acq: 15 May 2024 10:16

Tgt Ion: 43 Resp: 23193

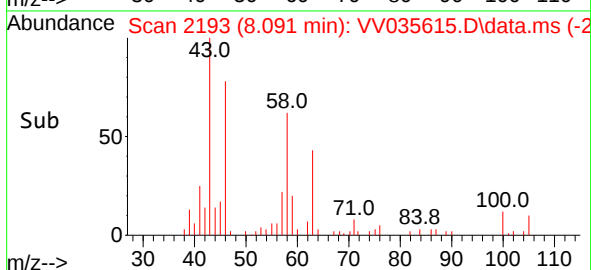
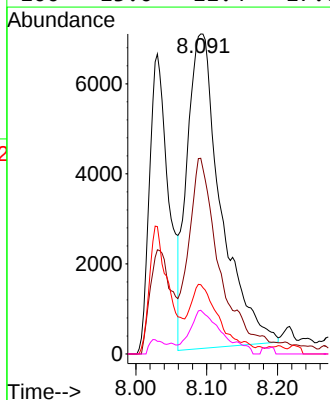
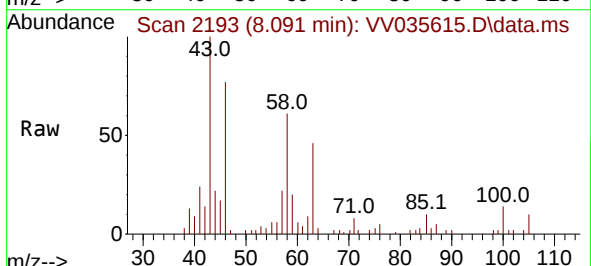
Ion Ratio Lower Upper

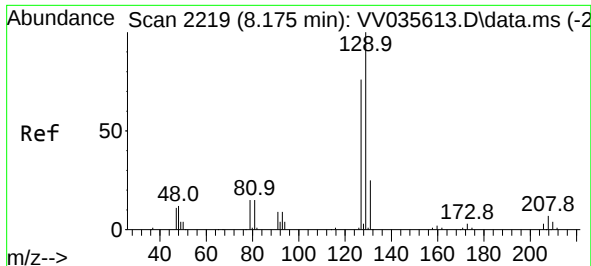
43 100

58 52.9 49.1 73.7

57 14.6 16.8 25.2#

100 13.0 11.4 17.0





#49

Dibromochloromethane

Concen: 0.249 ug/L

RT: 8.178 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV035615.D

Acq: 15 May 2024 10:16

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT2-2024-04

Tgt Ion:129 Resp: 3830

Ion Ratio Lower Upper

129 100

127 80.9 54.3 100.8

Manual Integrations

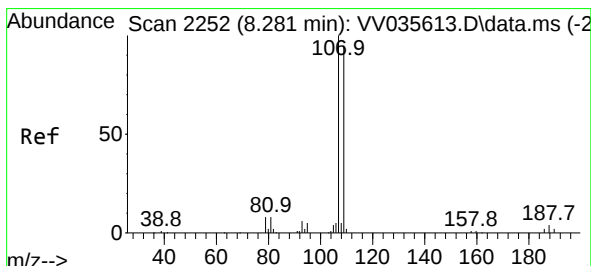
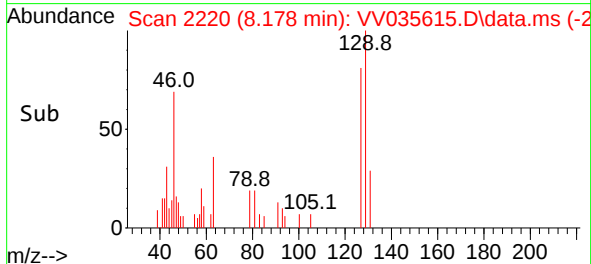
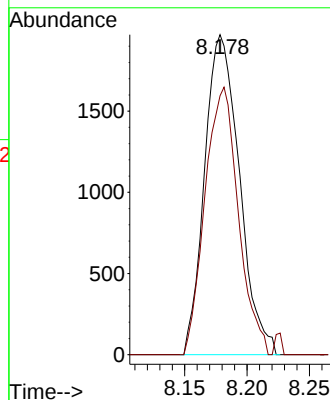
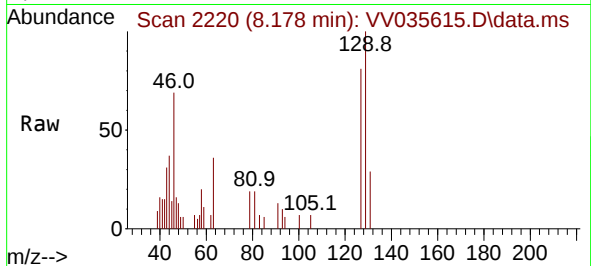
APPROVED

Reviewed By :Mahesh
Dadoda

05/17/2024

Supervised By :Semsettin
Yesilyurt

05/17/2024



#50

1,2-Dibromoethane

Concen: 0.257 ug/L

RT: 8.294 min Scan# 2256

Delta R.T. 0.013 min

Lab File: VV035615.D

Acq: 15 May 2024 10:16

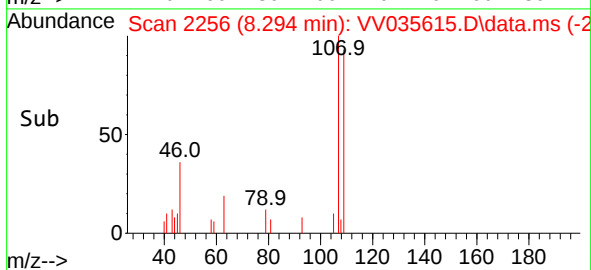
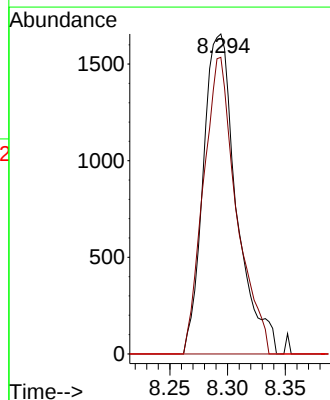
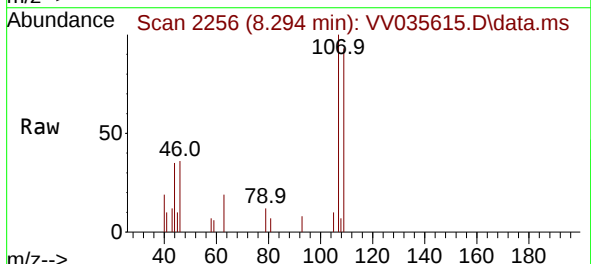
Tgt Ion:107 Resp: 3317

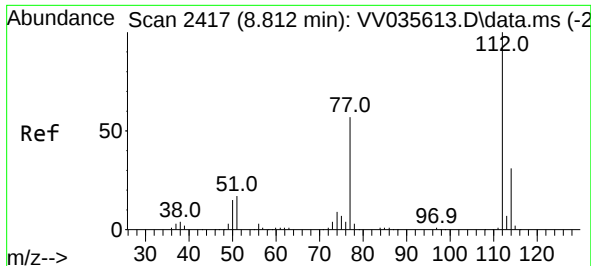
Ion Ratio Lower Upper

107 100

109 92.7 65.2 121.0

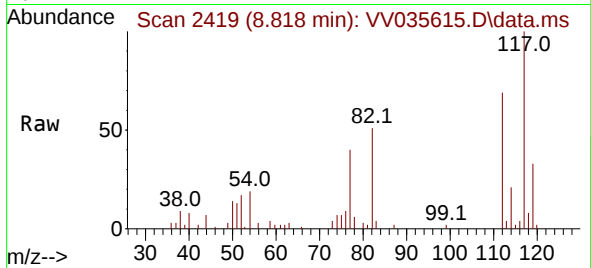
188 0.0 3.1 4.7#





#51
Chlorobenzene
Concen: 0.271 ug/L
RT: 8.818 min Scan# 2417
Delta R.T. 0.006 min
Lab File: VV035615.D
Acq: 15 May 2024 10:16

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



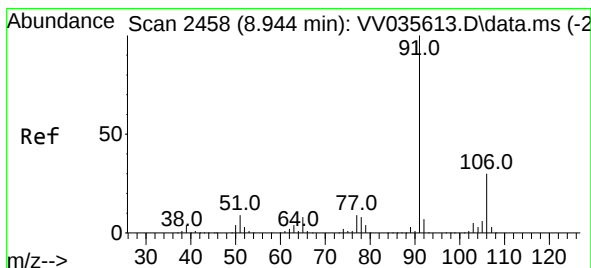
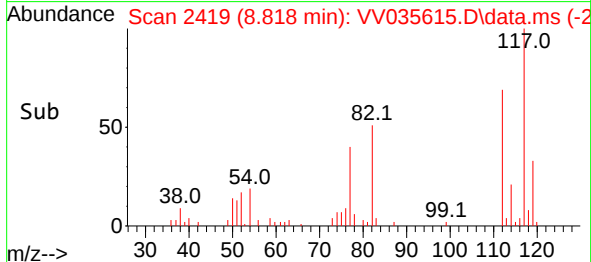
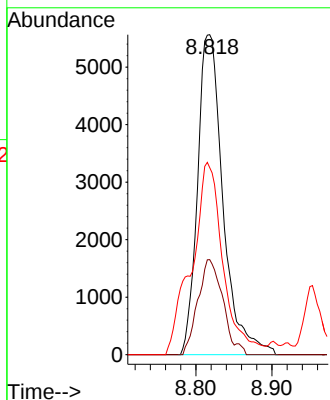
Tgt Ion:112 Resp: 12972
Ion Ratio Lower Upper
112 100
114 29.7 22.2 41.2
77 58.5 45.6 68.4

Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda

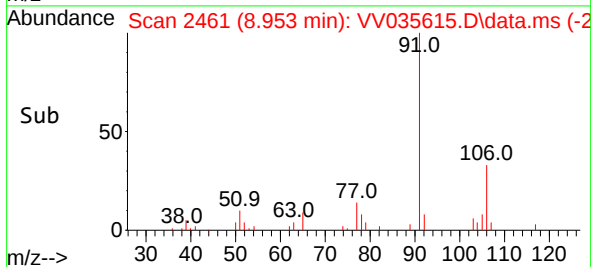
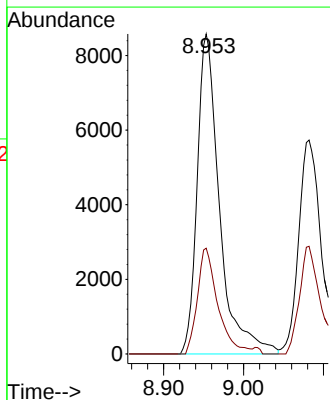
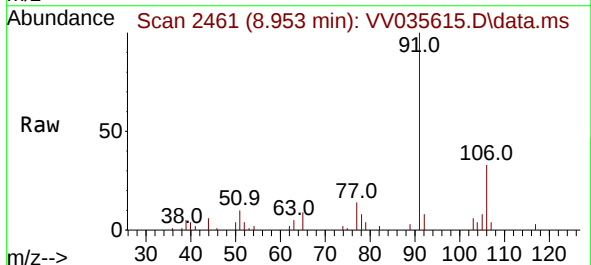
05/17/2024
Supervised By :Semsettin
Yesilyurt

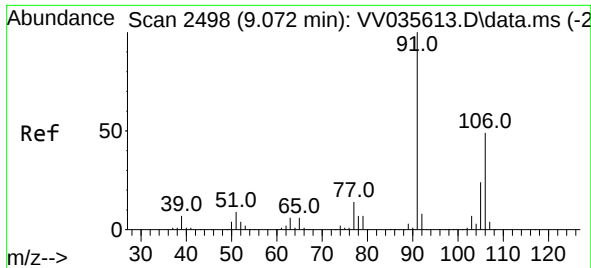
05/17/2024



#52
Ethylbenzene
Concen: 0.231 ug/L
RT: 8.953 min Scan# 2461
Delta R.T. 0.010 min
Lab File: VV035615.D
Acq: 15 May 2024 10:16

Tgt Ion: 91 Resp: 16671
Ion Ratio Lower Upper
91 100
106 33.0 21.5 39.9





#53
m,p-Xylene
Concen: 0.202 ug/L
RT: 9.082 min Scan# 2498
Delta R.T. 0.010 min
Lab File: VV035615.D
Acq: 15 May 2024 10:16

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

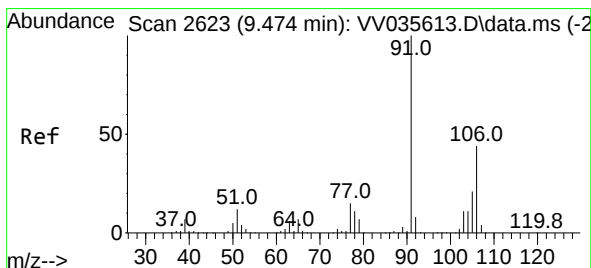
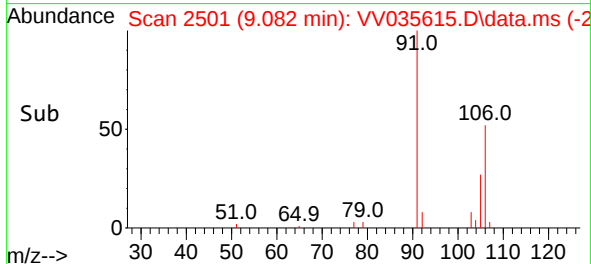
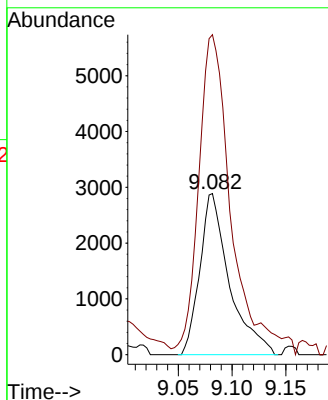
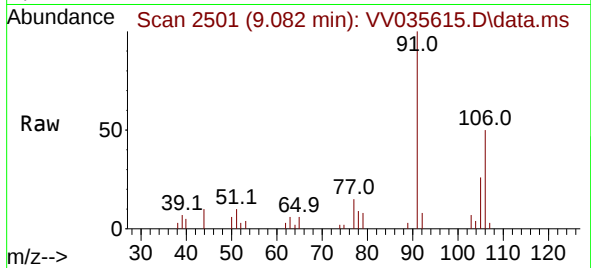
Tgt Ion:106 Resp: 553
Ion Ratio Lower Upper
106 100
91 198.6 141.3 262.3

Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda

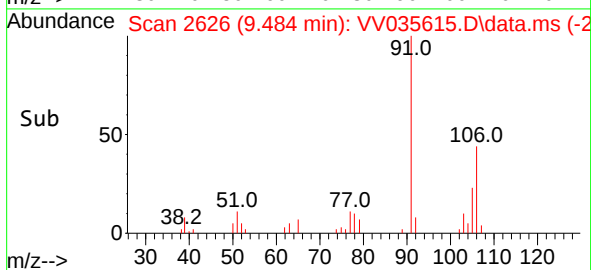
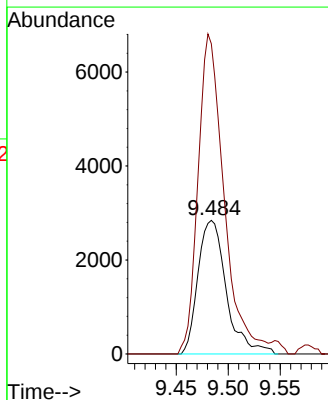
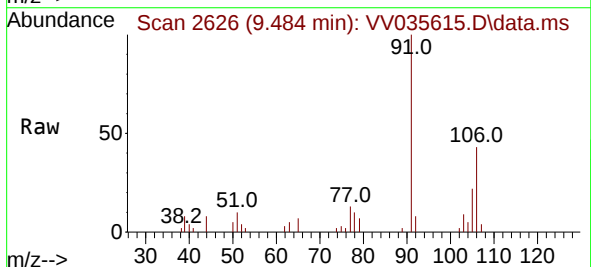
05/17/2024
Supervised By :Semsettin
Yesilyurt

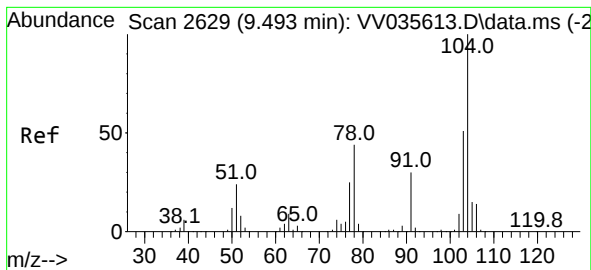
05/17/2024



#54
o-Xylene
Concen: 0.208 ug/L
RT: 9.484 min Scan# 2626
Delta R.T. 0.010 min
Lab File: VV035615.D
Acq: 15 May 2024 10:16

Tgt Ion:106 Resp: 5411
Ion Ratio Lower Upper
106 100
91 232.2 148.6 276.0





#55

Styrene

Concen: 0.196 ug/L

RT: 9.509 min Scan# 2634

Delta R.T. 0.016 min

Lab File: VV035615.D

Acq: 15 May 2024 10:16

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT2-2024-04

Tgt Ion:104 Resp: 886

Ion Ratio Lower Upper

104 100

78 41.1 30.6 56.8

Manual Integrations

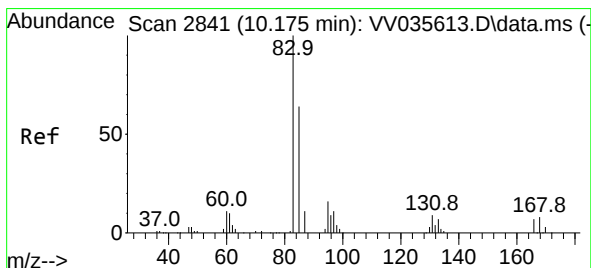
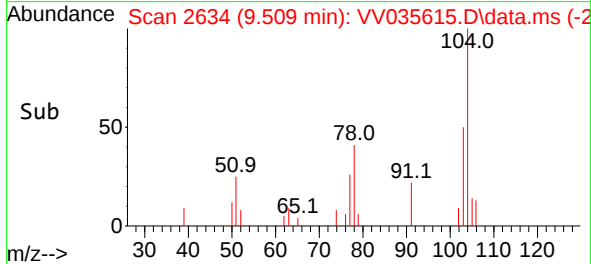
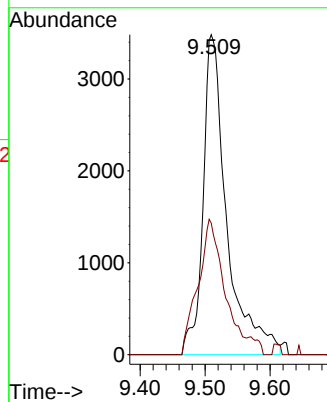
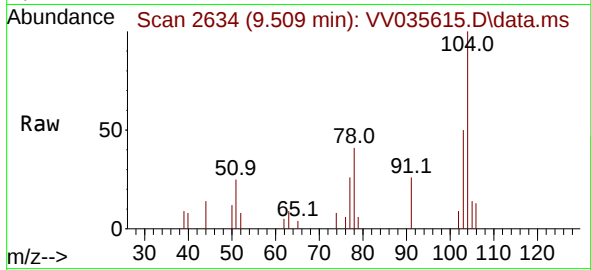
APPROVED

Reviewed By :Mahesh
Dadoda

05/17/2024

Supervised By :Semsettin
Yesilyurt

05/17/2024



#57

1,1,2,2-Tetrachloroethane

Concen: 0.255 ug/L

RT: 10.178 min Scan# 2842

Delta R.T. 0.003 min

Lab File: VV035615.D

Acq: 15 May 2024 10:16

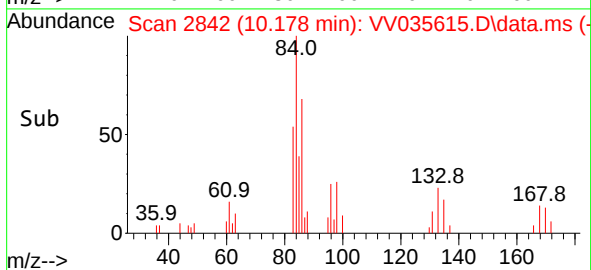
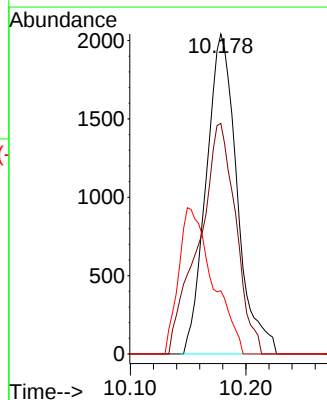
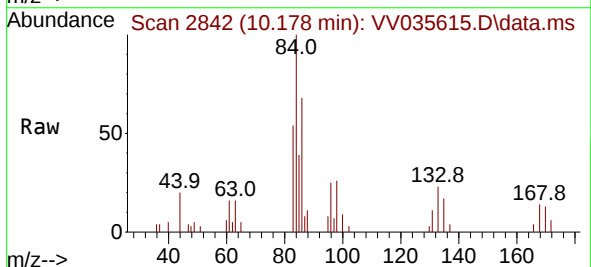
Tgt Ion: 83 Resp: 3789

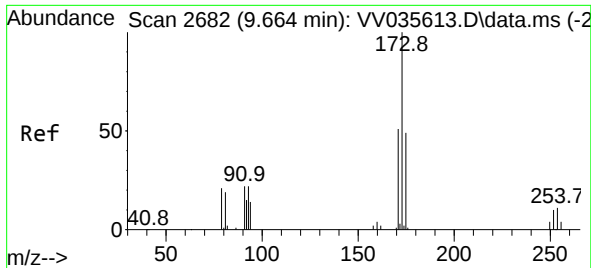
Ion Ratio Lower Upper

83 100

85 72.0 46.1 85.7

131 19.8 8.2 12.2#





#59

Bromoform

Concen: 0.266 ug/L

RT: 9.677 min Scan# 20

Delta R.T. 0.013 min

Lab File: VV035615.D

Acq: 15 May 2024 10:16

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT2-2024-04

Tgt Ion:173	Resp:	198
Ion Ratio	Lower	Upper
173 100		
175 43.8	38.0	57.0
254 7.3	8.6	13.0

Manual Integrations

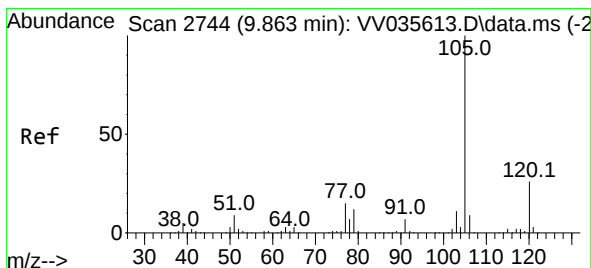
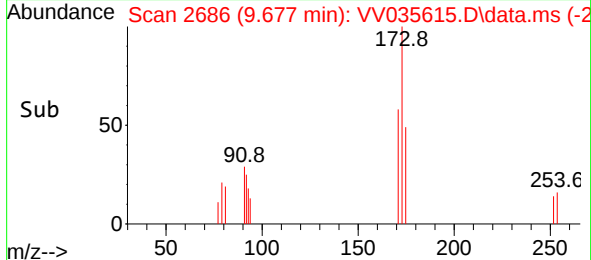
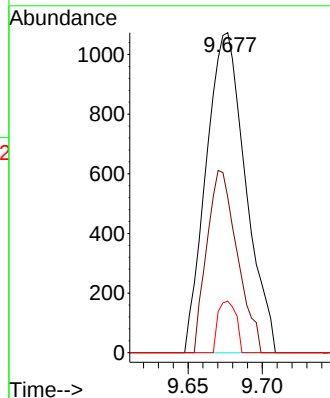
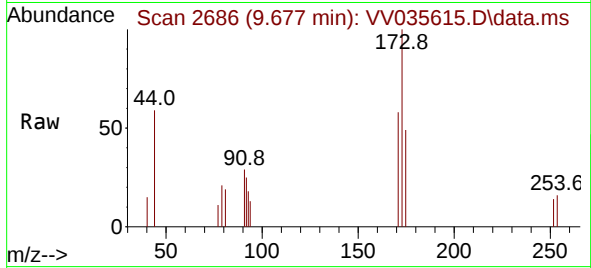
APPROVED

Reviewed By :Mahesh
Dadoda

05/17/2024

Supervised By :Semsettin
Yesilyurt

05/17/2024



#60

Isopropylbenzene

Concen: 0.236 ug/L

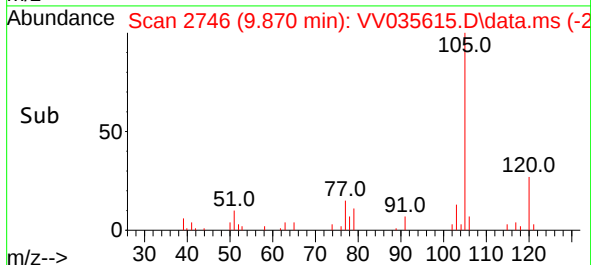
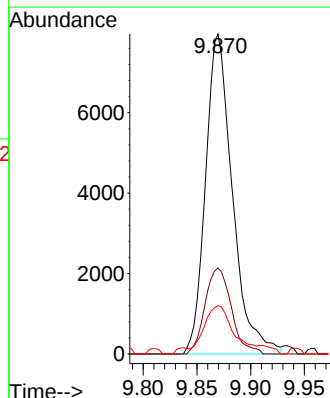
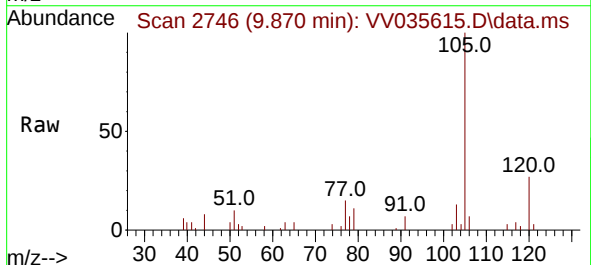
RT: 9.870 min Scan# 2746

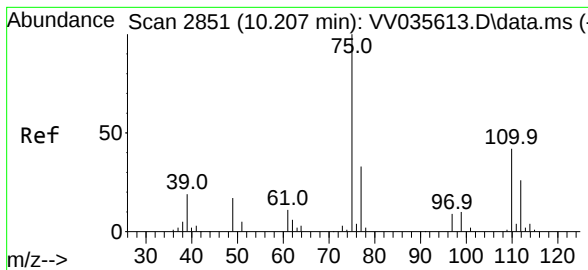
Delta R.T. 0.006 min

Lab File: VV035615.D

Acq: 15 May 2024 10:16

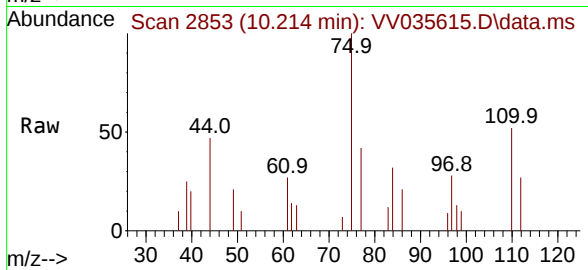
Tgt Ion:105	Resp:	13839
Ion Ratio	Lower	Upper
105 100		
120 26.2	21.4	32.2
77 17.7	12.5	18.7





#61
 1,2,3-Trichloropropane
 Concen: 0.291 ug/L
 RT: 10.214 min Scan# 2853
 Delta R.T. 0.006 min
 Lab File: VV035615.D
 Acq: 15 May 2024 10:16

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



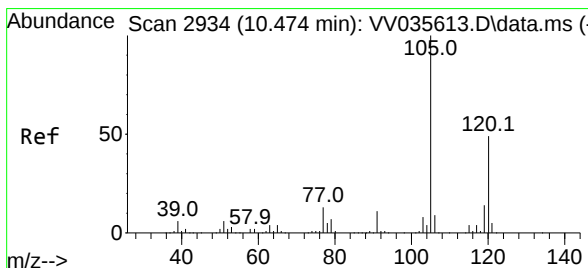
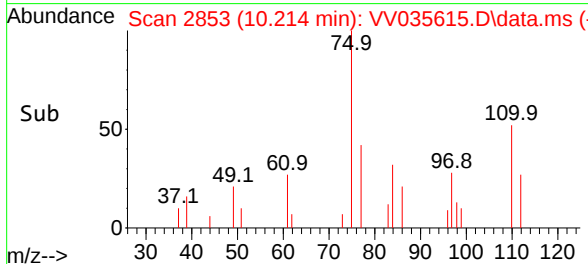
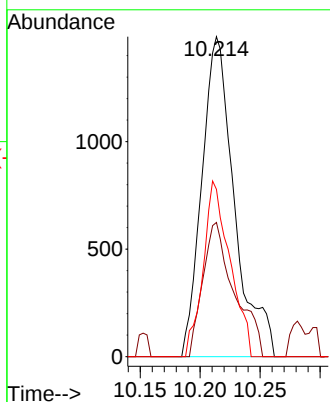
Tgt Ion: 75 Resp: 281
 Ion Ratio Lower Upper
 75 100
 77 40.7 24.2 36.2
 110 45.0 31.1 46.7

Manual Integrations
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Reviewed By :Mahesh
 Dadoda

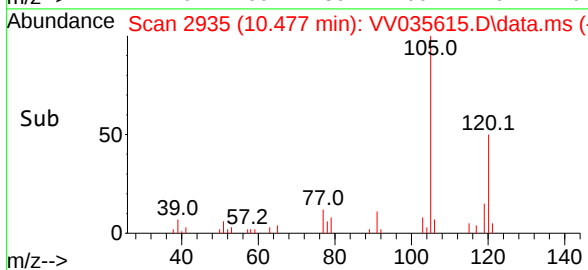
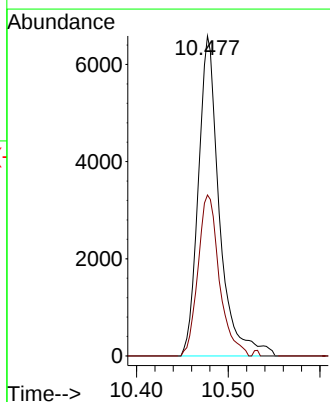
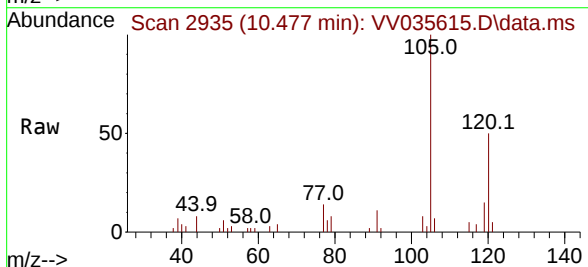
05/17/2024
 Supervised By :Semsettin
 Yesilyurt

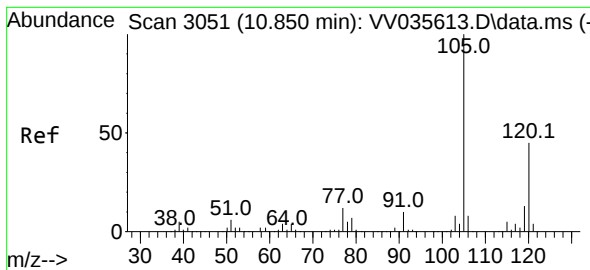
05/17/2024



#62
 1,3,5-Trimethylbenzene
 Concen: 0.227 ug/L
 RT: 10.477 min Scan# 2935
 Delta R.T. 0.003 min
 Lab File: VV035615.D
 Acq: 15 May 2024 10:16

Tgt Ion:105 Resp: 10477
 Ion Ratio Lower Upper
 105 100
 120 51.1 39.9 59.9





#63

1,2,4-Trimethylbenzene

Concen: 0.224 ug/L

RT: 10.857 min Scan# 3051

Delta R.T. 0.006 min

Lab File: VV035615.D

Acq: 15 May 2024 10:16

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT2-2024-04

Tgt Ion:105 Resp: 1024
 Ion Ratio Lower Upper
 105 100
 120 43.5 36.8 55.2

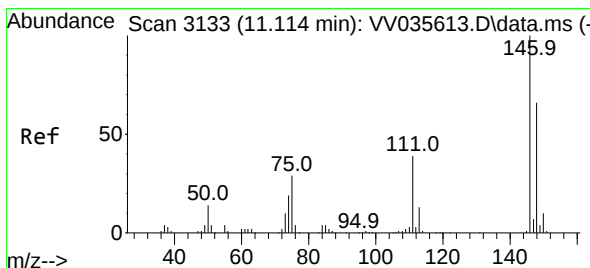
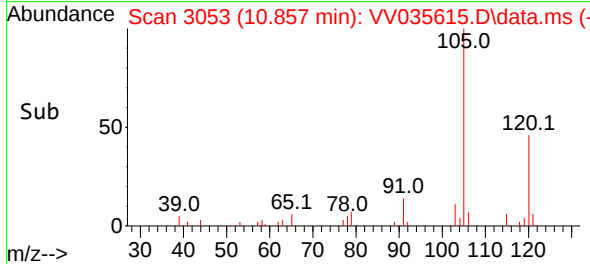
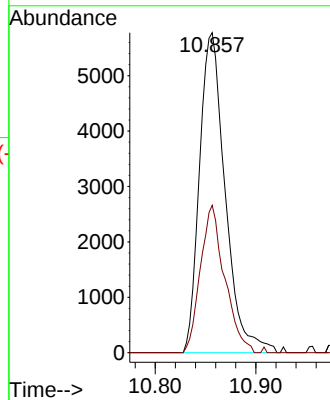
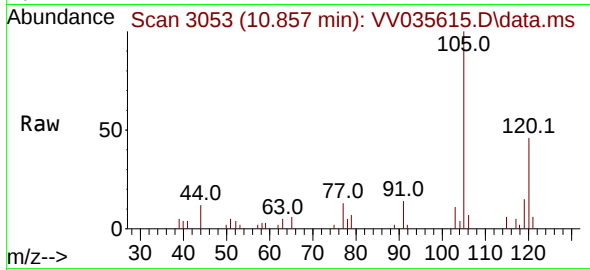
Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

05/17/2024

Supervised By :Semsettin
 Yesilyurt

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#64

1,3-Dichlorobenzene

Concen: 0.268 ug/L

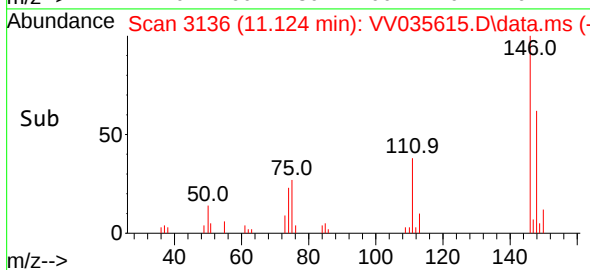
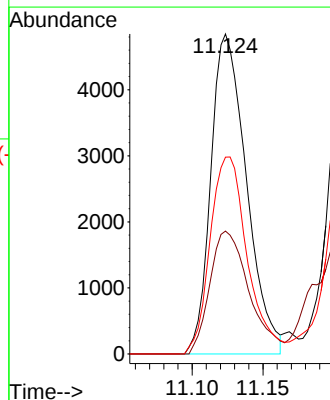
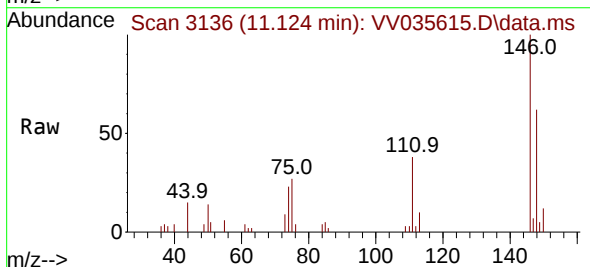
RT: 11.124 min Scan# 3136

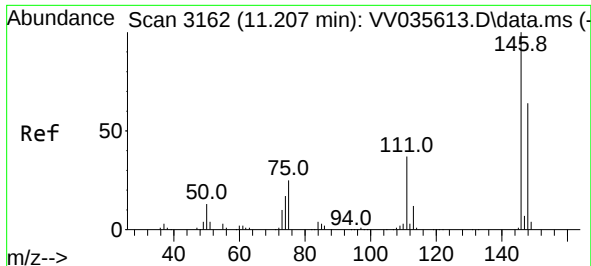
Delta R.T. 0.010 min

Lab File: VV035615.D

Acq: 15 May 2024 10:16

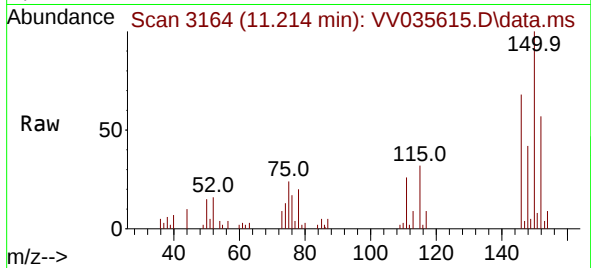
Tgt Ion:146 Resp: 8466
 Ion Ratio Lower Upper
 146 100
 111 38.4 27.6 51.2
 148 61.5 44.7 83.1





#65
1,4-Dichlorobenzene
Concen: 0.305 ug/L
RT: 11.214 min Scan# 3162
Delta R.T. 0.006 min
Lab File: VV035615.D
Acq: 15 May 2024 10:16

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



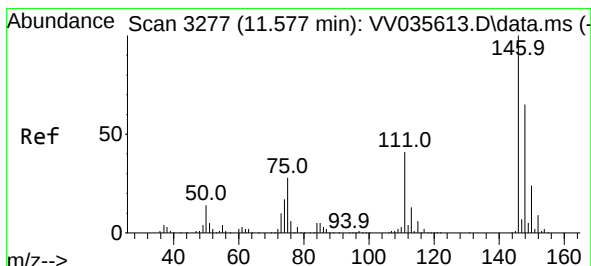
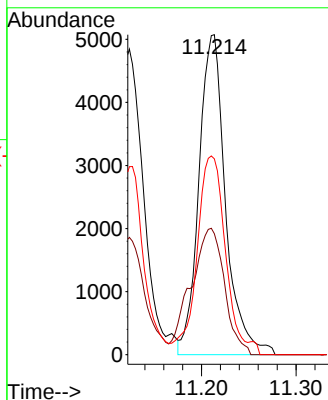
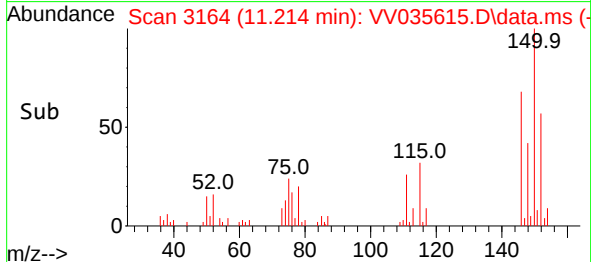
Tgt Ion:146 Resp: 9928
Ion Ratio Lower Upper
146 100
111 37.8 25.8 47.8
148 61.2 44.0 81.6

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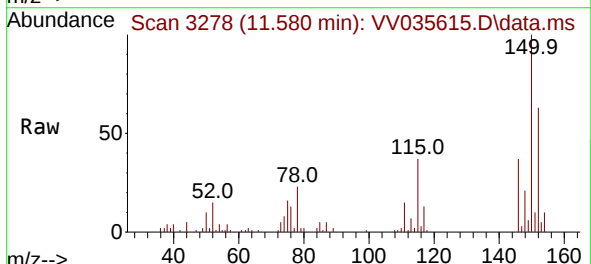
Reviewed By :Mahesh
Dadoda

05/17/2024
Supervised By :Semsettin
Yesilyurt

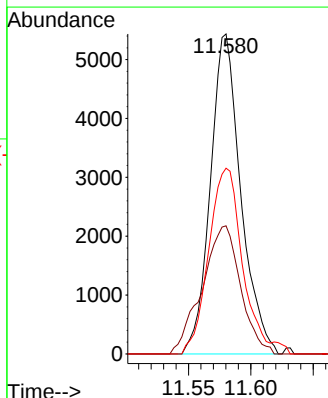
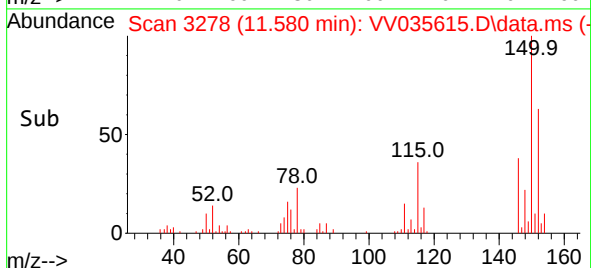
05/17/2024

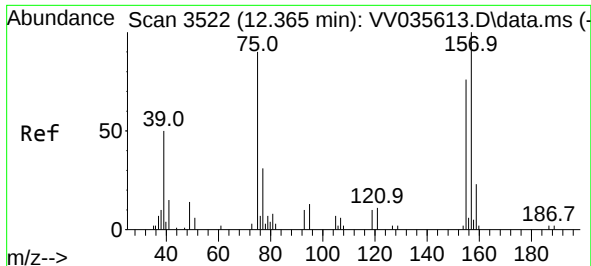


#67
1,2-Dichlorobenzene
Concen: 0.307 ug/L
RT: 11.580 min Scan# 3278
Delta R.T. 0.003 min
Lab File: VV035615.D
Acq: 15 May 2024 10:16



Tgt Ion:146 Resp: 9256
Ion Ratio Lower Upper
146 100
111 40.1 33.5 50.3
148 58.0 51.9 77.9





#68

1,2-Dibromo-3-chloropropane

Concen: 0.259 ug/L

RT: 12.371 min Scan# 3522

Delta R.T. 0.006 min

Lab File: VV035615.D

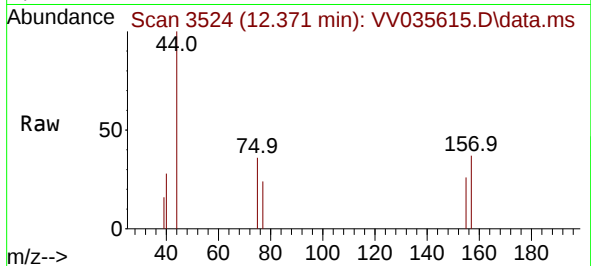
Acq: 15 May 2024 10:16

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT2-2024-04



Tgt Ion: 75	Resp: 532
Ion Ratio	Lower Upper
75	100
155	73.1 73.4 110.0
157	101.0 95.8 143.8

Manual Integrations

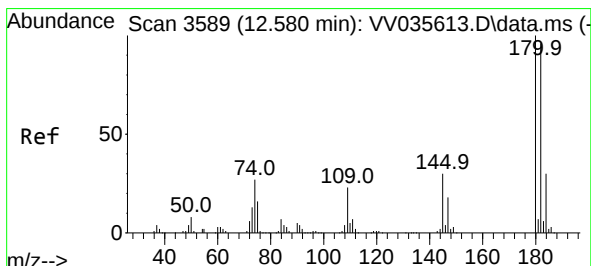
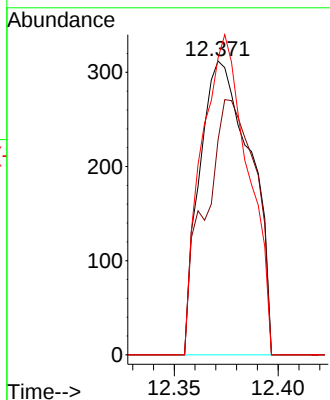
APPROVED

Reviewed By :Mahesh
Dadoda

05/17/2024

Supervised By :Semsettin
Yesilyurt

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#69

1,3,5-Trichlorobenzene

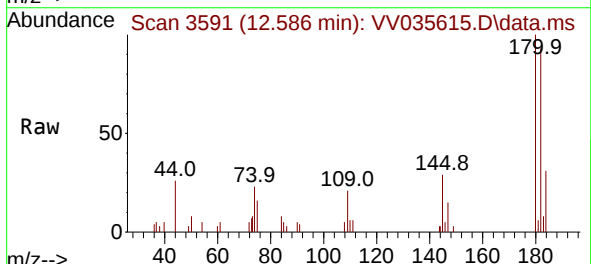
Concen: 0.301 ug/L

RT: 12.586 min Scan# 3591

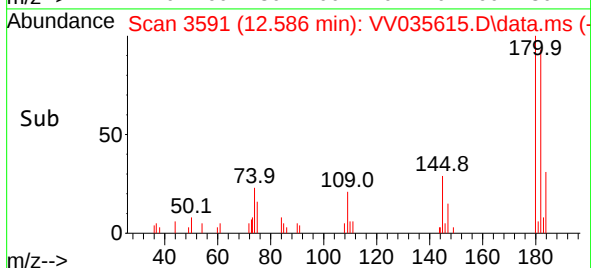
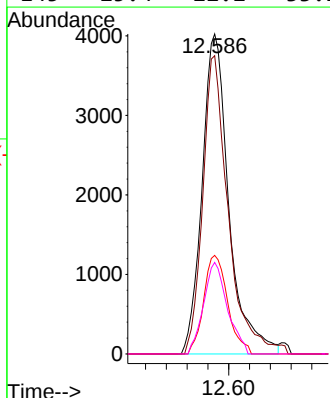
Delta R.T. 0.006 min

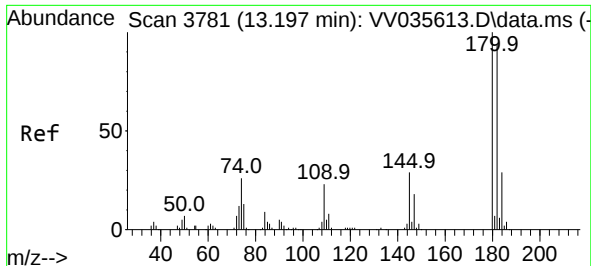
Lab File: VV035615.D

Acq: 15 May 2024 10:16



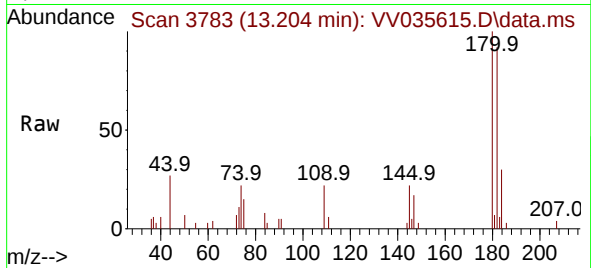
Tgt Ion:180	Resp: 7203
Ion Ratio	Lower Upper
180	100
182	88.9 75.9 113.9
184	27.5 24.0 36.0
145	25.4 22.2 33.2





#70
1,2,4-trichlorobenzene
Concen: 0.285 ug/L
RT: 13.204 min Scan# 31
Delta R.T. 0.006 min
Lab File: VV035615.D
Acq: 15 May 2024 10:16

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



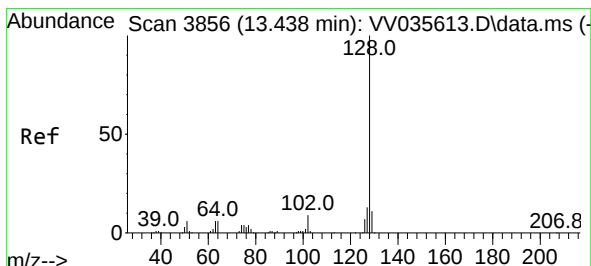
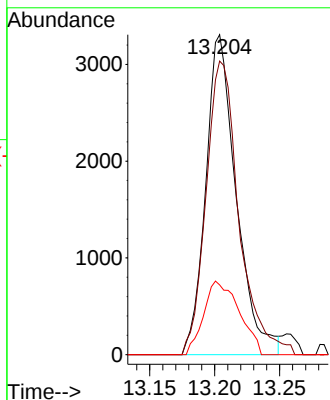
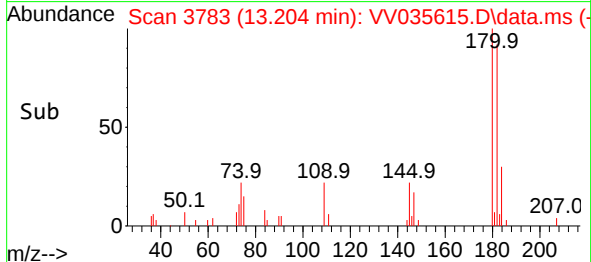
Tgt Ion:180 Resp: 5414
Ion Ratio Lower Upper
180 100
182 98.7 76.5 114.7
145 26.7 22.9 34.3

Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda

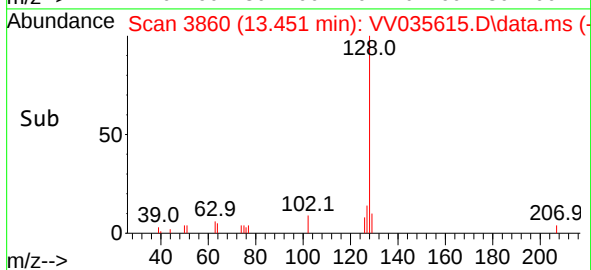
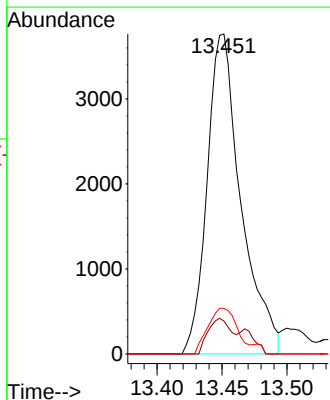
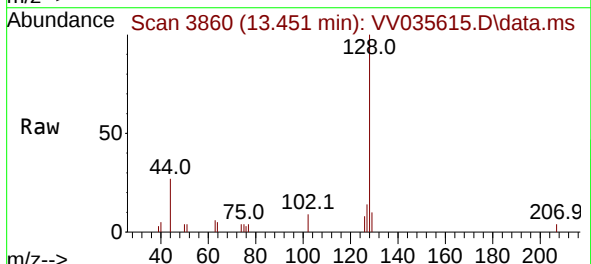
05/17/2024
Supervised By :Semsettin
Yesilyurt

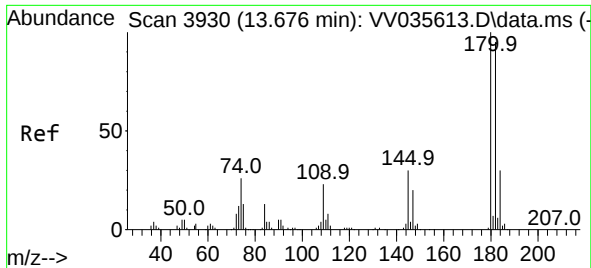
05/17/2024



#71
Naphthalene
Concen: 0.251 ug/L
RT: 13.451 min Scan# 3860
Delta R.T. 0.013 min
Lab File: VV035615.D
Acq: 15 May 2024 10:16

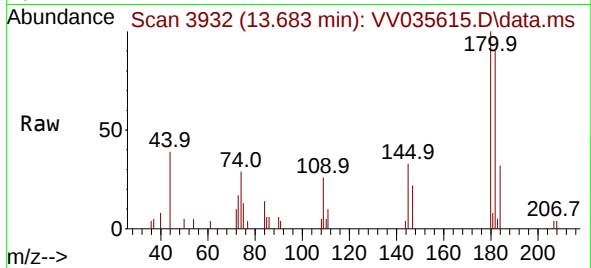
Tgt Ion:128 Resp: 6847
Ion Ratio Lower Upper
128 100
129 7.7 8.6 12.8#
127 13.1 10.7 16.1





#72
1,2,3-Trichlorobenzene
Concen: 0.271 ug/L
RT: 13.683 min Scan# 3932
Delta R.T. 0.006 min
Lab File: VV035615.D
Acq: 15 May 2024 10:16

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



Tgt Ion:	180	Resp:	475
Ion Ratio	Lower	Upper	
180	100		
182	93.1	76.6	114.8
145	31.8	25.1	37.7

Manual Integrations
APPROVED

Reviewed By :Mahesh
Dadoda

05/17/2024
Supervised By :Semsettin
Yesilyurt

05/17/2024

