

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061924\
 Data File : VU059345.D
 Acq On : 19 Jun 2024 11:57
 Operator : MD/SY
 Sample : P2898-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E1G84

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/21/2024
 Supervised By :Semsettin Yesilyurt 06/21/2024

Quant Time: Jun 20 05:59:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jun 17 12:07:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	149049	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	148925	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	67940	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	44341	4.278	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.600%
7) Chloroethane-d5	1.907	69	45048	4.517	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.400%
11) 1,1-Dichloroethene-d2	2.560	65	17261	4.014	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.200%
20) 2-Butanone-d5	4.618	46	132029	61.844	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.680%
24) Chloroform-d	5.055	84	97085	4.564	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
26) 1,2-Dichloroethane-d4	5.695	65	51665	5.042	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.800%
32) Benzene-d6	5.721	84	193353	4.717	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
36) 1,2-Dichloropropane-d6	6.685	67	63431	5.051	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.000%
41) Toluene-d8	7.894	98	157677	4.138	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.800%
43) trans-1,3-Dichloroprop...	8.177	79	18870	4.798	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.000%
46) 2-Hexanone-d5	8.627	63	92756	56.764	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.520%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	55242	5.324	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	63318	5.236	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.800%
Target Compounds						
5) Vinyl chloride	1.599	62	16416	1.093	ug/L	98
12) 1,1-Dichloroethene	2.570	96	3622	0.343	ug/L #	1
13) Acetone	2.628	43	18359m	13.257	ug/L	
18) trans-1,2-Dichloroethene	3.351	96	18749	1.705	ug/L	91
22) cis-1,2-Dichloroethene	4.656	96	819365	67.617	ug/L	96
25) Chloroform	5.084	83	11461	0.537	ug/L	93
33) Benzene	5.775	78	5895	0.130	ug/L	100
34) Trichloroethene	6.537	95	47118	3.847	ug/L	97
38) Bromodichloromethane	7.110	83	1953	0.134	ug/L #	96
42) Toluene	7.968	91	40032	0.836	ug/L	99
63) 1,2,4-Trimethylbenzene	11.470	105	2072	0.065	ug/L	88

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

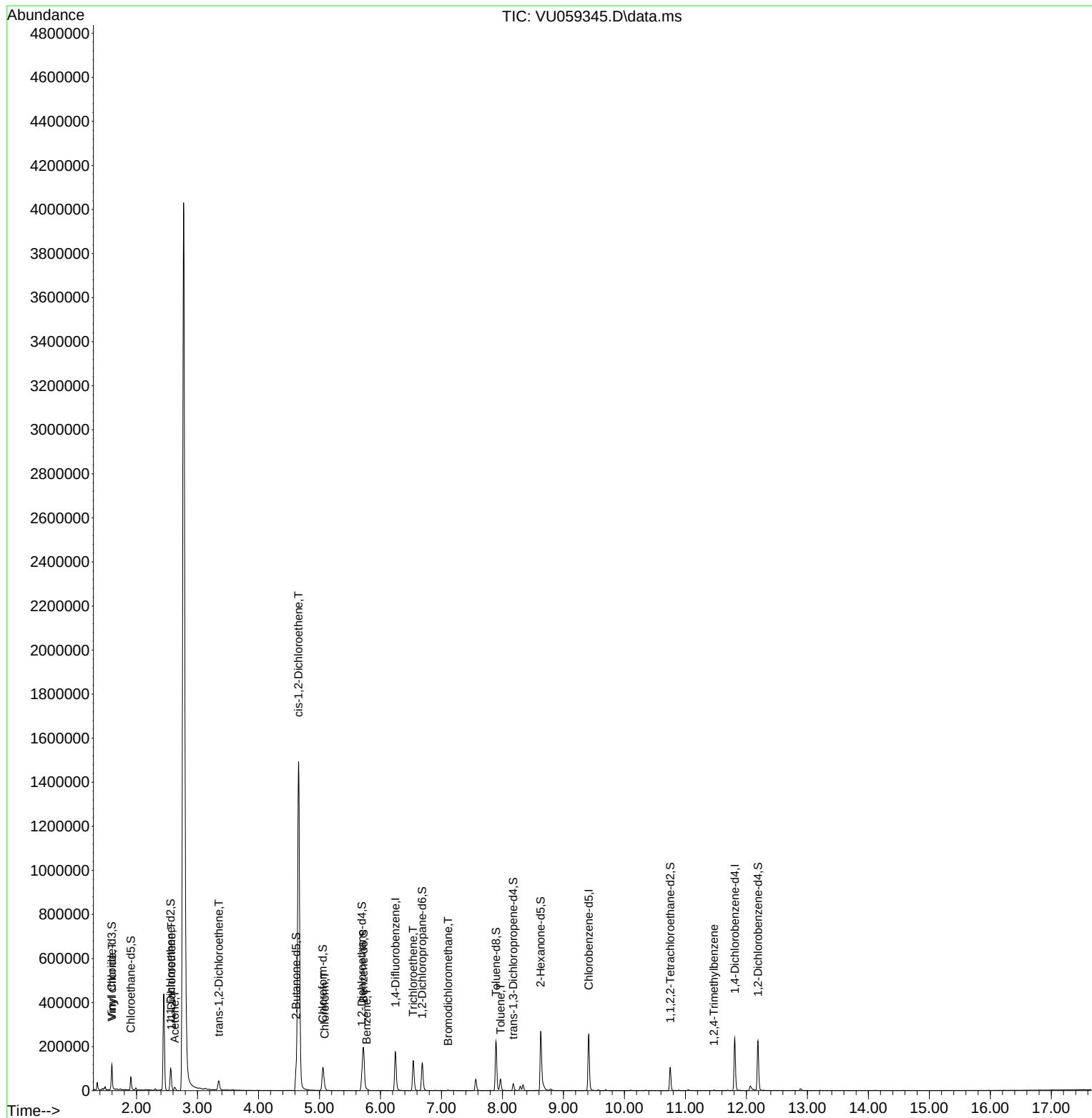
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061924\
Data File : VU059345.D
Acq On : 19 Jun 2024 11:57
Operator : MD/SY
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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

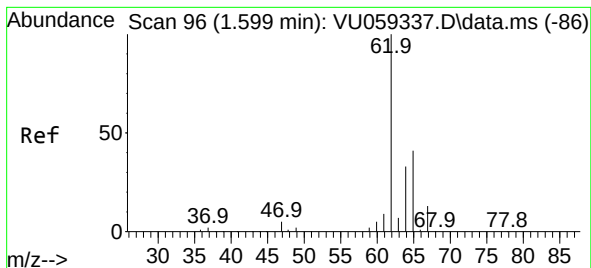
Instrument :
MSVOA_U
ClientSampleId :
E1G84

Quant Time: Jun 20 05:59:41 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
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#5

Vinyl chloride

Concen: 1.093 ug/L

RT: 1.599 min Scan# 90

Delta R.T. 0.000 min

Lab File: VU059345.D

Acq: 19 Jun 2024 11:57

Instrument :

MSVOA_U

ClientSampleId :

E1G84

Tgt Ion: 62 Resp: 16410

Ion Ratio Lower Upper

62 100

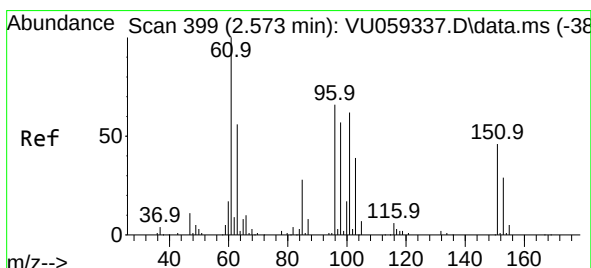
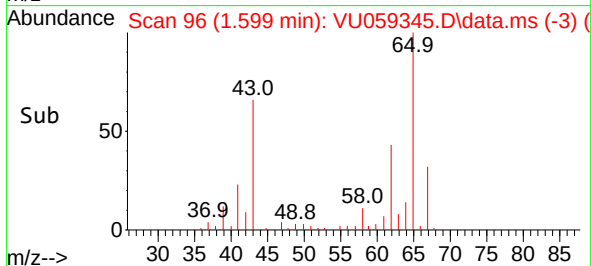
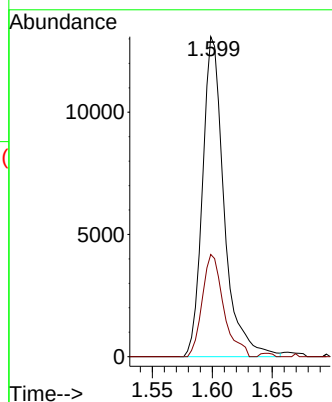
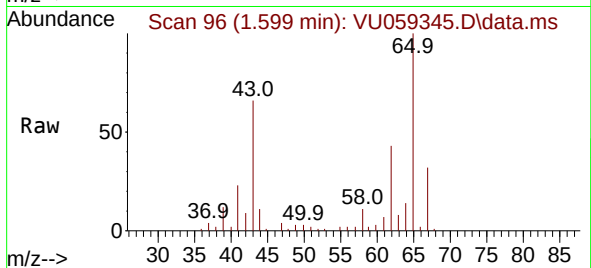
64 32.0 23.1 42.9

Manual Integrations

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#12

1,1-Dichloroethene

Concen: 0.343 ug/L

RT: 2.570 min Scan# 398

Delta R.T. -0.006 min

Lab File: VU059345.D

Acq: 19 Jun 2024 11:57

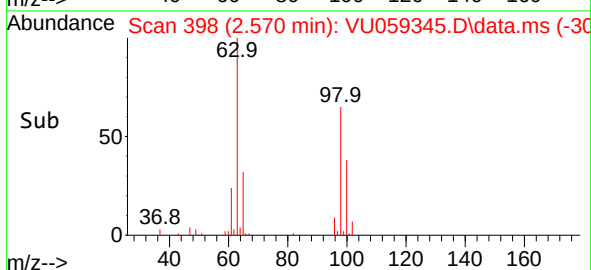
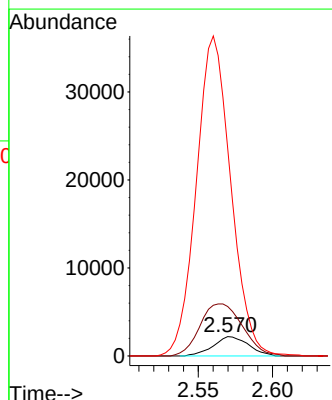
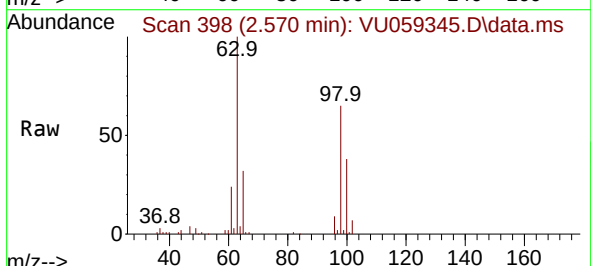
Tgt Ion: 96 Resp: 3622

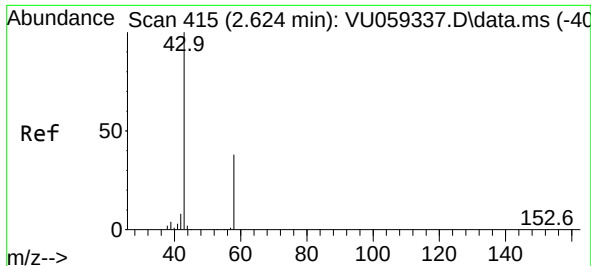
Ion Ratio Lower Upper

96 100

61 256.4 122.9 228.3#

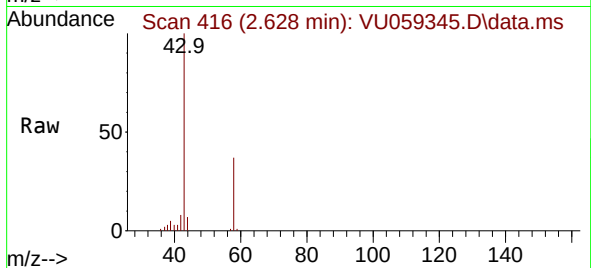
63 1074.3 80.4 149.4#





#13
Acetone
Concen: 13.257 ug/L m
RT: 2.628 min Scan# 415
Delta R.T. -0.013 min
Lab File: VU059345.D
Acq: 19 Jun 2024 11:57

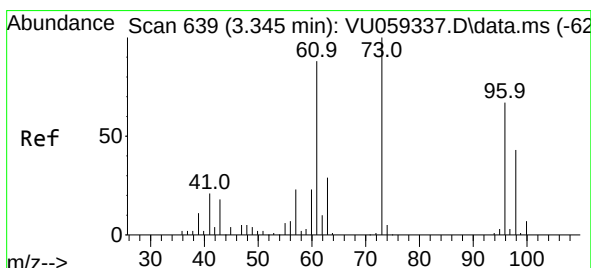
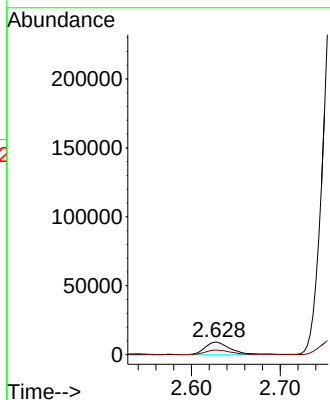
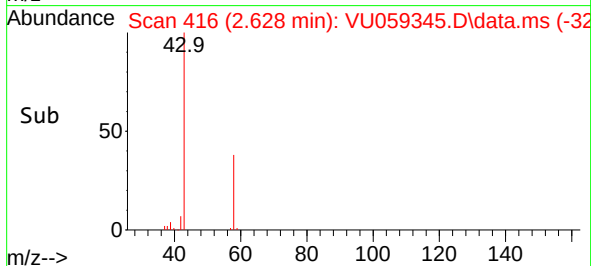
Instrument :
MSVOA_U
ClientSampleId :
E1G84



Tgt Ion: 43 Resp: 1835
Ion Ratio Lower Upper
43 100
58 36.3 0.0 68.0

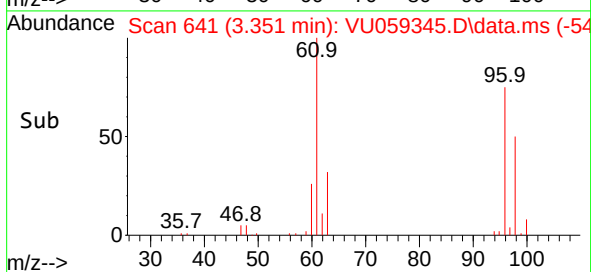
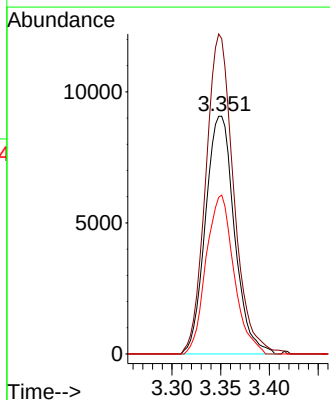
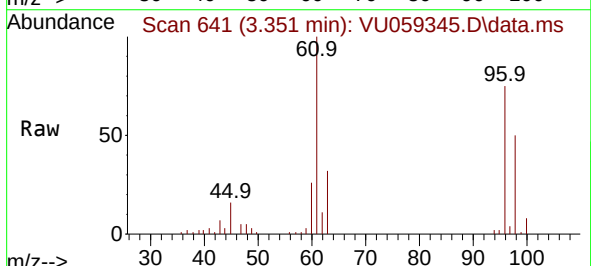
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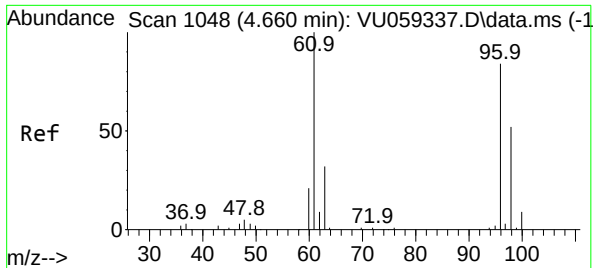
Reviewed By :Mahesh Dadoda 06/21/2024
Supervised By :Semsettin Yesilyurt 06/21/2024



#18
trans-1,2-Dichloroethene
Concen: 1.705 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU059345.D
Acq: 19 Jun 2024 11:57

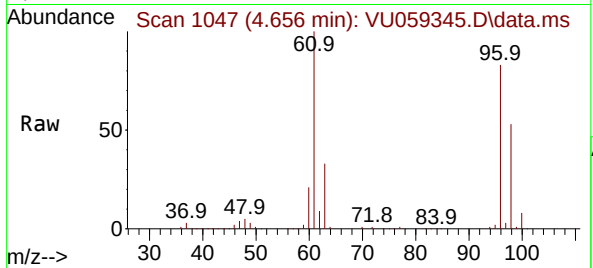
Tgt Ion: 96 Resp: 18749
Ion Ratio Lower Upper
96 100
61 132.6 101.8 189.0
98 66.8 43.3 80.5





#22
cis-1,2-Dichloroethene
Concen: 67.617 ug/L
RT: 4.656 min Scan# 1047
Delta R.T. 0.000 min
Lab File: VU059345.D
Acq: 19 Jun 2024 11:57

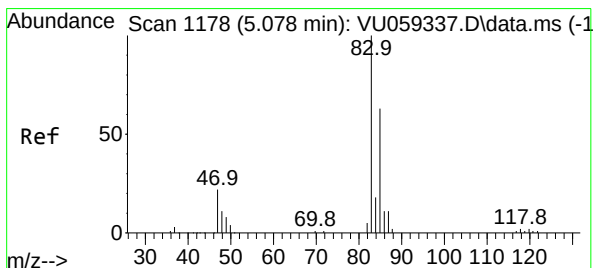
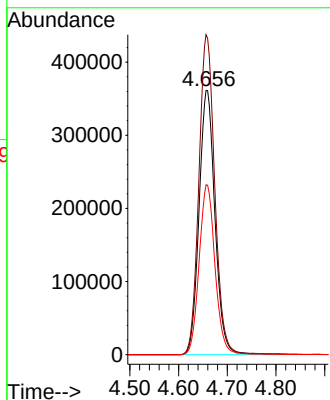
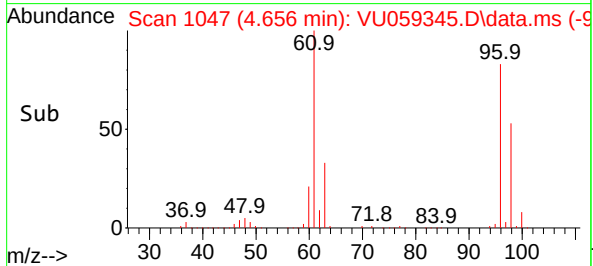
Instrument :
MSVOA_U
ClientSampleId :
E1G84



Tgt Ion: 96 Resp: 81936
Ion Ratio Lower Upper
96 100
61 121.1 87.4 162.2
98 64.3 42.3 78.5

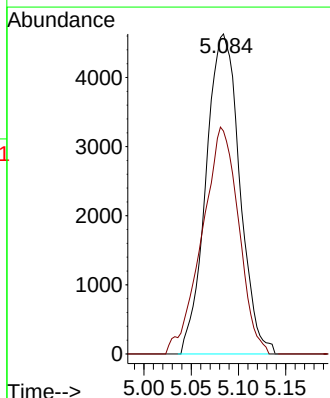
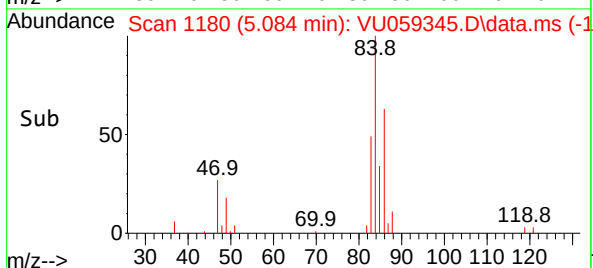
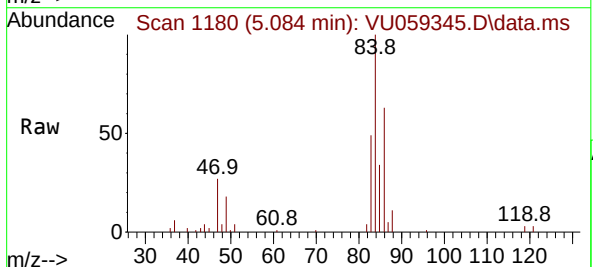
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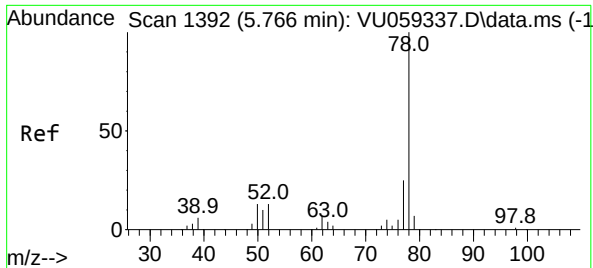
Reviewed By :Mahesh Dadoda 06/21/2024
Supervised By :Semsettin Yesilyurt 06/21/2024



#25
Chloroform
Concen: 0.537 ug/L
RT: 5.084 min Scan# 1180
Delta R.T. 0.003 min
Lab File: VU059345.D
Acq: 19 Jun 2024 11:57

Tgt Ion: 83 Resp: 11461
Ion Ratio Lower Upper
83 100
85 69.7 44.7 83.1





#33

Benzene

Concen: 0.130 ug/L

RT: 5.775 min Scan# 11

Delta R.T. 0.010 min

Lab File: VU059345.D

Acq: 19 Jun 2024 11:57

Instrument :

MSVOA_U

ClientSampleId :

E1G84

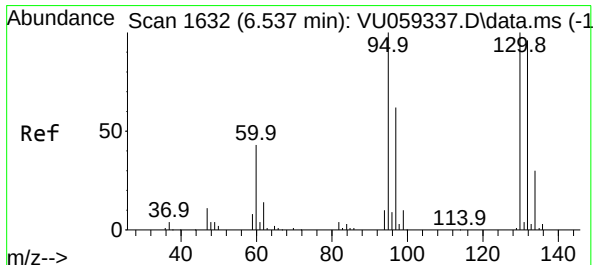
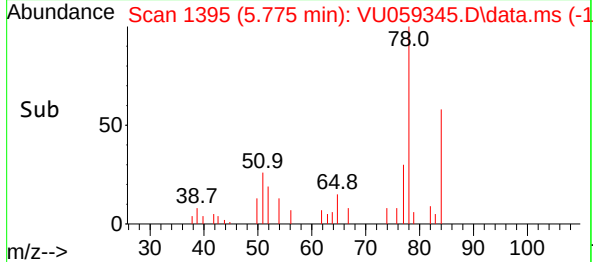
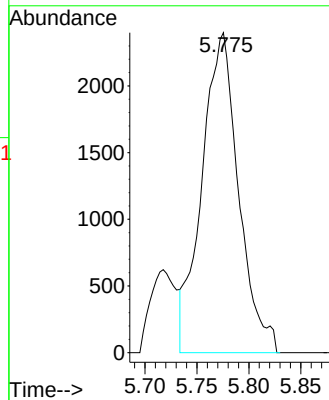
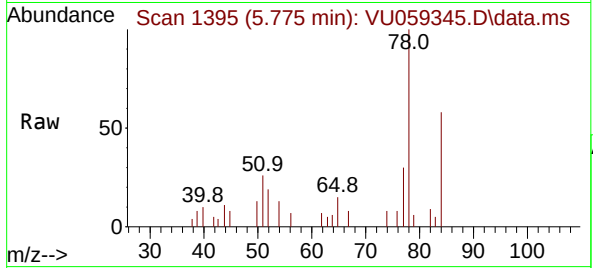
Tgt Ion: 78 Resp: 589

Manual Integrations

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Supervised By :Semsettin Yesilyurt 06/21/2024



#34

Trichloroethene

Concen: 3.847 ug/L

RT: 6.537 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VU059345.D

Acq: 19 Jun 2024 11:57

Tgt Ion: 95 Resp: 47118

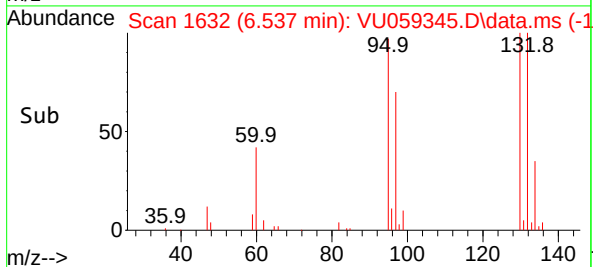
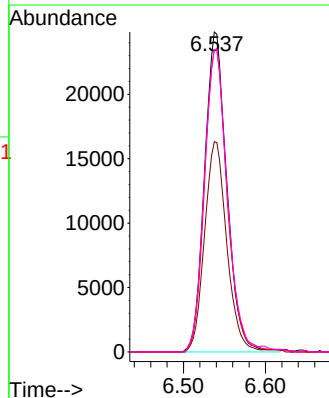
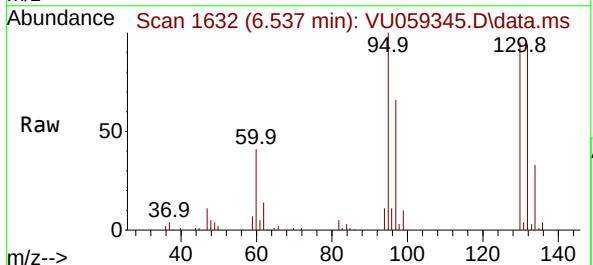
Ion Ratio Lower Upper

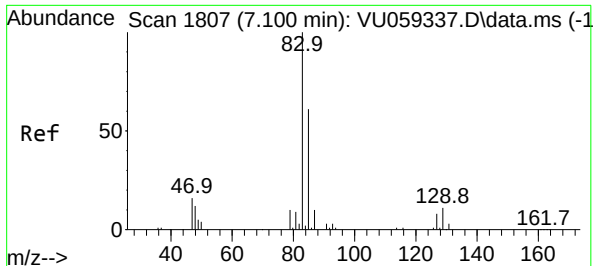
95 100

97 65.7 45.3 84.1

132 94.4 64.0 119.0

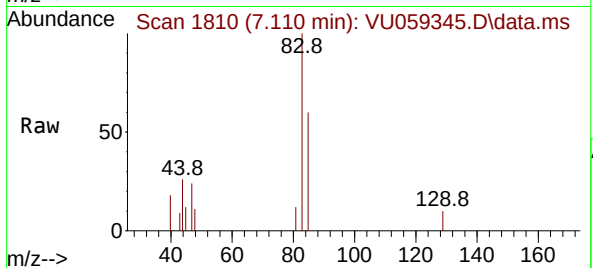
130 94.5 69.1 128.3





#38
Bromodichloromethane
Concen: 0.134 ug/L
RT: 7.110 min Scan# 1807
Delta R.T. 0.010 min
Lab File: VU059345.D
Acq: 19 Jun 2024 11:57

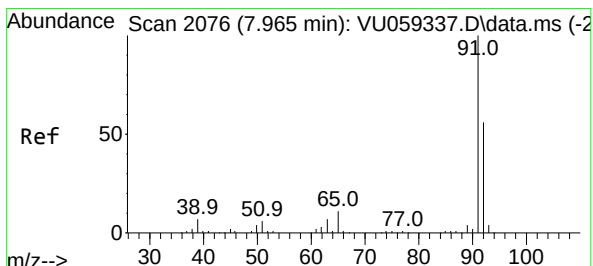
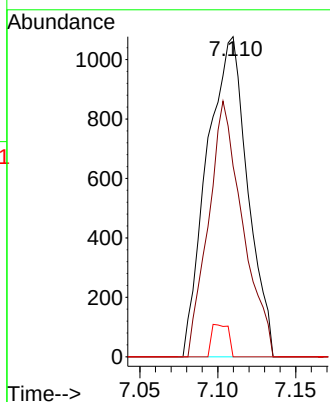
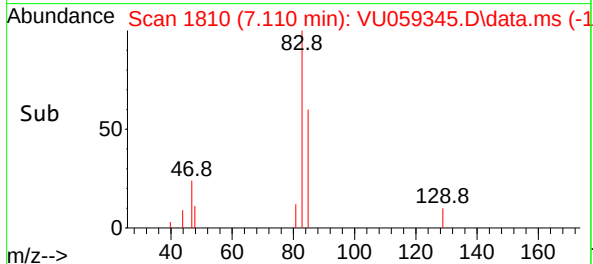
Instrument :
MSVOA_U
ClientSampleId :
E1G84



Tgt Ion: 83 Resp: 195
Ion Ratio Lower Upper
83 100
85 59.6 42.7 79.3
127 0.0 6.1 9.1

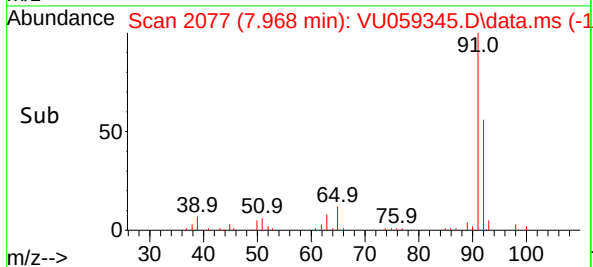
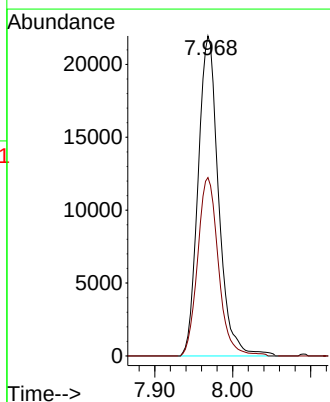
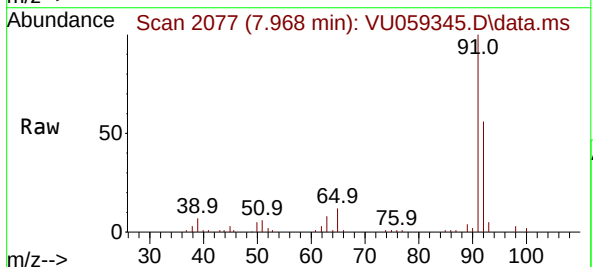
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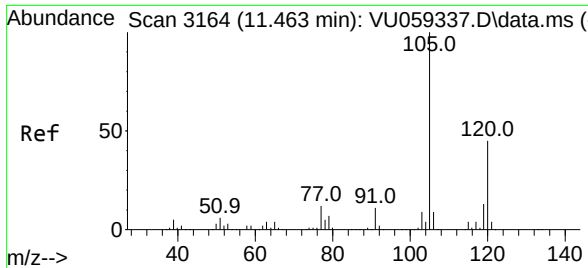
Reviewed By :Mahesh Dadoda 06/21/2024
Supervised By :Semsettin Yesilyurt 06/21/2024



#42
Toluene
Concen: 0.836 ug/L
RT: 7.968 min Scan# 2077
Delta R.T. 0.003 min
Lab File: VU059345.D
Acq: 19 Jun 2024 11:57

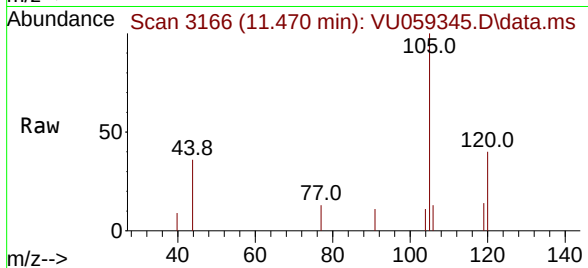
Tgt Ion: 91 Resp: 40032
Ion Ratio Lower Upper
91 100
92 55.7 39.7 73.7





#63
 1,2,4-Trimethylbenzene
 Concen: 0.065 ug/L
 RT: 11.470 min Scan# 3166
 Delta R.T. 0.007 min
 Lab File: VU059345.D
 Acq: 19 Jun 2024 11:57

Instrument :
 MSVOA_U
 ClientSampleId :
 E1G84



Tgt Ion:105 Resp: 2072
 Ion Ratio Lower Upper
 105 100
 120 36.7 35.4 53.0

Manual Integrations
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