

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061924\
 Data File : VU059363.D
 Acq On : 19 Jun 2024 19:06
 Operator : MD/SY
 Sample : P2898-10MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E1GB1MSD

Manual Integrations
 APPROVED

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

Quant Time: Jun 20 06:01:35 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	144316	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	142793	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	64408	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	39025	3.889	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.800%
7) Chloroethane-d5	1.907	69	42310	4.382	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.600%
11) 1,1-Dichloroethene-d2	2.560	65	15992	3.841	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.800%
20) 2-Butanone-d5	4.618	46	121577	58.816	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.640%
24) Chloroform-d	5.055	84	90014	4.370	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
26) 1,2-Dichloroethane-d4	5.695	65	49164	4.955	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
32) Benzene-d6	5.721	84	176350	4.487	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
36) 1,2-Dichloropropane-d6	6.685	67	58126	4.827	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.600%
41) Toluene-d8	7.894	98	143926	3.940	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.800%
43) trans-1,3-Dichloroprop...	8.177	79	16510	4.378	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.600%
46) 2-Hexanone-d5	8.627	63	84627	54.014	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.020%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	53366	5.364	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	55944	4.880	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.600%
Target Compounds						
5) Vinyl chloride	1.599	62	13574	0.934	ug/L	95
13) Acetone	2.631	43	9484m	7.073	ug/L	
16) Methylene chloride	3.039	84	1761	0.145	ug/L	79
18) trans-1,2-Dichloroethene	3.348	96	1212	0.114	ug/L	82
22) cis-1,2-Dichloroethene	4.660	96	164404	14.012	ug/L	96
25) Chloroform	5.084	83	5614	0.272	ug/L	93
34) Trichloroethene	6.537	95	25732	2.191	ug/L	96
42) Toluene	7.968	91	12622	0.275	ug/L	91
63) 1,2,4-Trimethylbenzene	11.470	105	2216	0.074	ug/L	99
70) 1,2,4-trichlorobenzene	13.846	180	4034	0.351	ug/L	98
72) 1,2,3-Trichlorobenzene	14.328	180	4344	0.407	ug/L	95

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

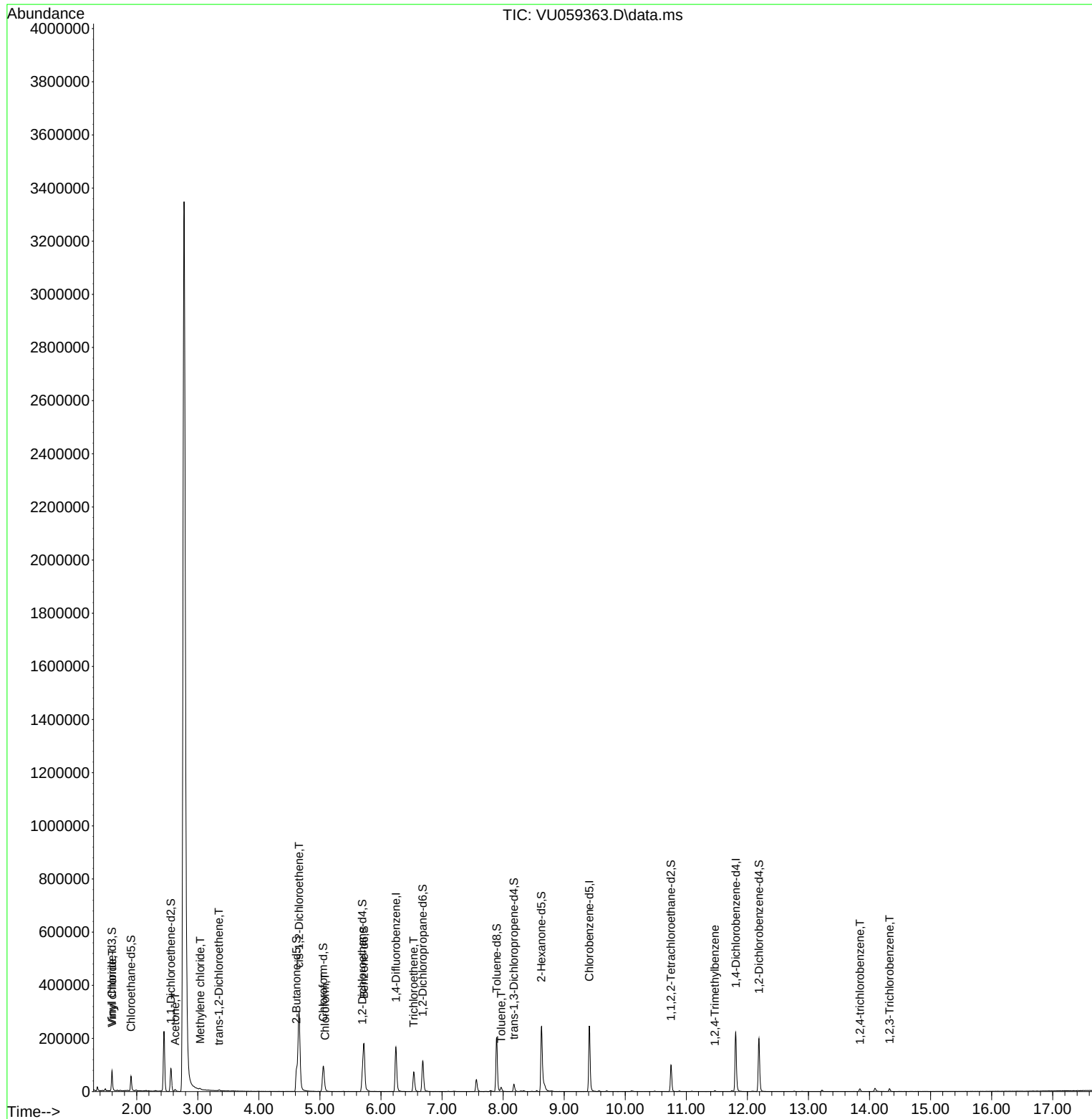
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061924\
Data File : VU059363.D
Acq On : 19 Jun 2024 19:06
Operator : MD/SY
Sample : P2898-10MSD
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

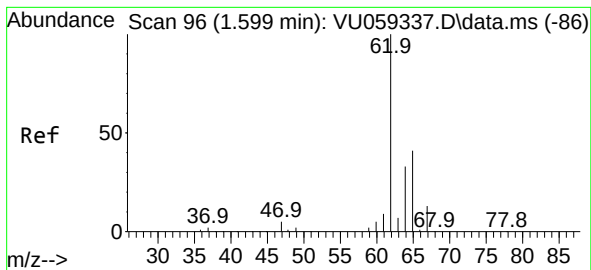
Instrument :
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ClientSampleId :
E1GB1MSD

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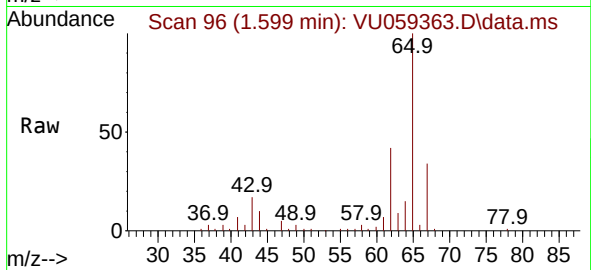
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Jun 17 12:07:46 2024
Response via : Initial Calibration





#5
 Vinyl chloride
 Concen: 0.934 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. 0.000 min
 Lab File: VU059363.D
 Acq: 19 Jun 2024 19:06

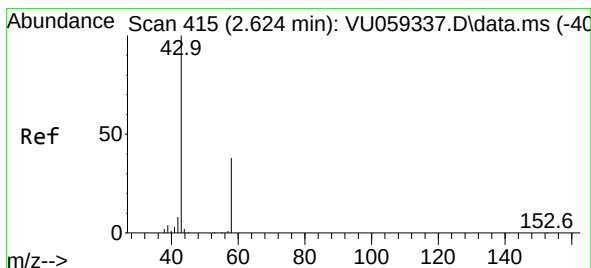
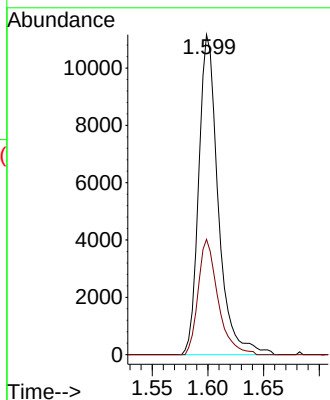
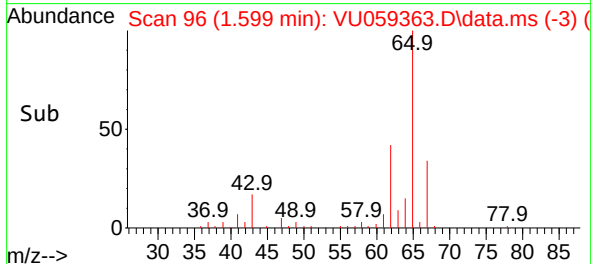
Instrument :
 MSVOA_U
 ClientSampleId :
 E1GB1MSD



Tgt Ion: 62 Resp: 13574
 Ion Ratio Lower Upper
 62 100
 64 36.0 23.1 42.9

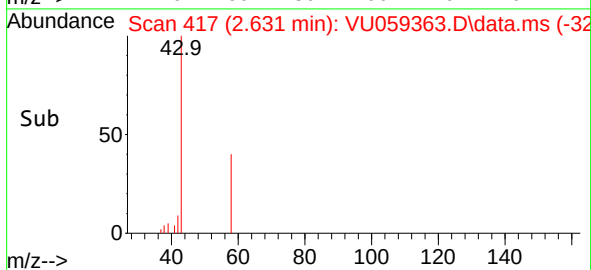
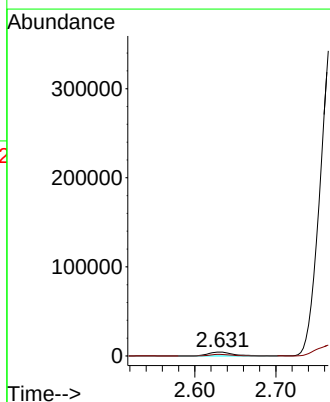
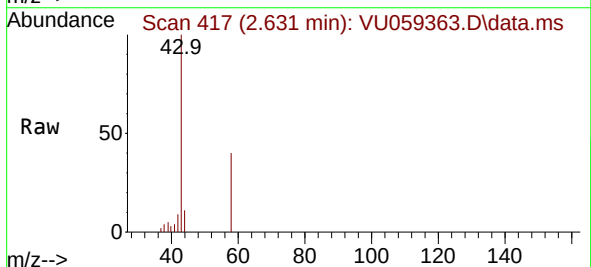
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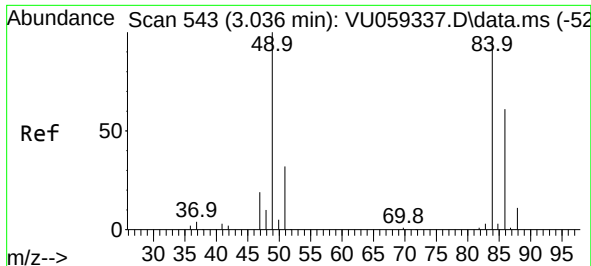
Reviewed By :Mahesh Dadoda 06/21/2024
 Supervised By :Semsettin Yesilyurt 06/21/2024



#13
 Acetone
 Concen: 7.073 ug/L m
 RT: 2.631 min Scan# 417
 Delta R.T. -0.010 min
 Lab File: VU059363.D
 Acq: 19 Jun 2024 19:06

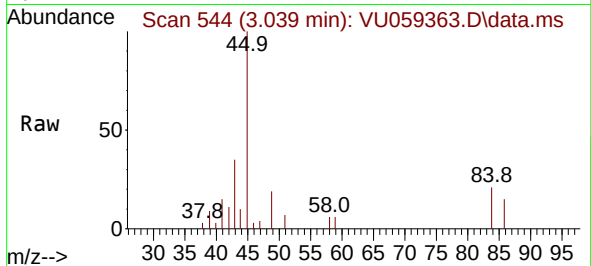
Tgt Ion: 43 Resp: 9484
 Ion Ratio Lower Upper
 43 100
 58 34.0 0.0 68.0





#16
Methylene chloride
Concen: 0.145 ug/L
RT: 3.039 min Scan# 543
Delta R.T. 0.000 min
Lab File: VU059363.D
Acq: 19 Jun 2024 19:06

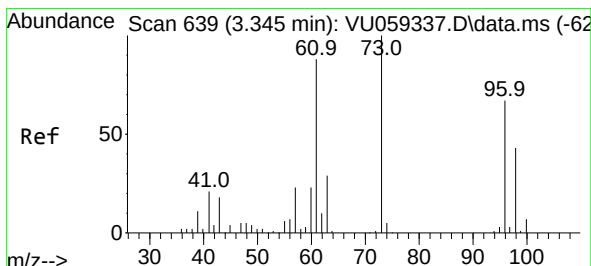
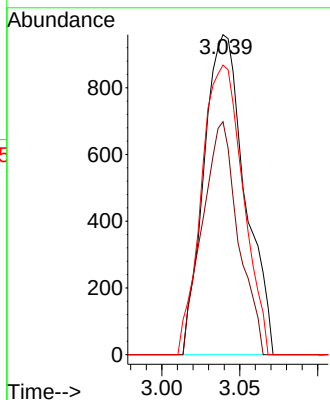
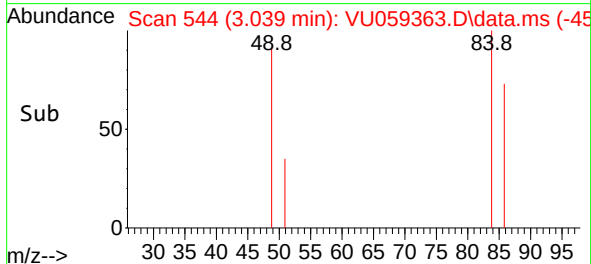
Instrument :
MSVOA_U
ClientSampleId :
E1GB1MSD



Tgt Ion: 84 Resp: 176
Ion Ratio Lower Upper
84 100
86 72.8 42.1 78.1
49 90.5 80.6 149.8

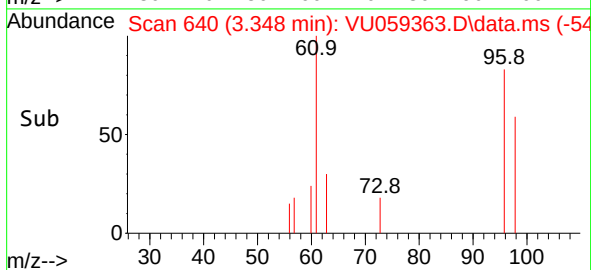
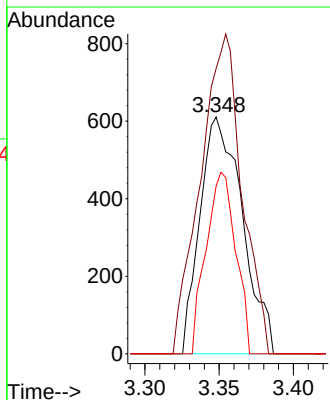
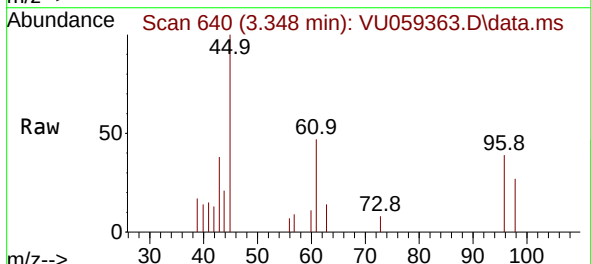
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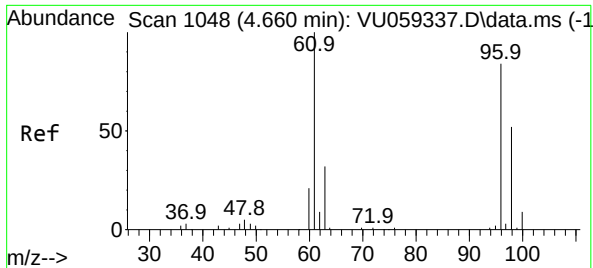
Reviewed By :Mahesh Dadoda 06/21/2024
Supervised By :Semsettin Yesilyurt 06/21/2024



#18
trans-1,2-Dichloroethene
Concen: 0.114 ug/L
RT: 3.348 min Scan# 640
Delta R.T. 0.000 min
Lab File: VU059363.D
Acq: 19 Jun 2024 19:06

Tgt Ion: 96 Resp: 1212
Ion Ratio Lower Upper
96 100
61 120.5 101.8 189.0
98 70.9 43.3 80.5





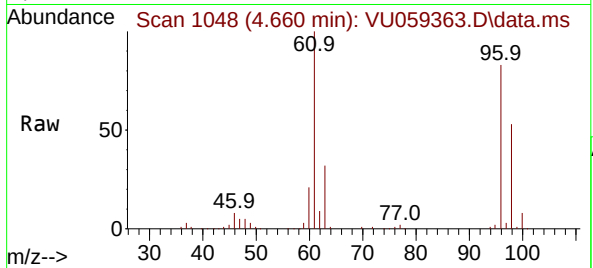
#22
 cis-1,2-Dichloroethene
 Concen: 14.012 ug/L
 RT: 4.660 min Scan# 1048
 Delta R.T. 0.003 min
 Lab File: VU059363.D
 Acq: 19 Jun 2024 19:06

Instrument :

MSVOA_U

ClientSampleId :

E1GB1MSD

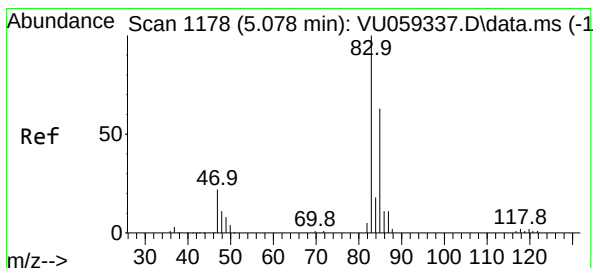
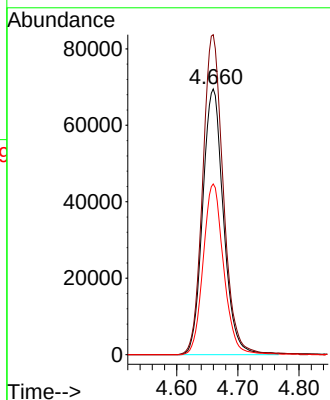
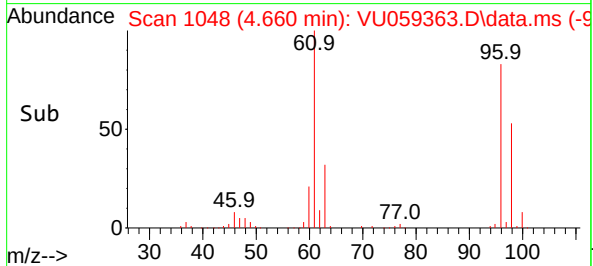


Tgt Ion: 96 Resp: 164404
 Ion Ratio Lower Upper
 96 100
 61 120.4 87.4 162.2
 98 64.3 42.3 78.5

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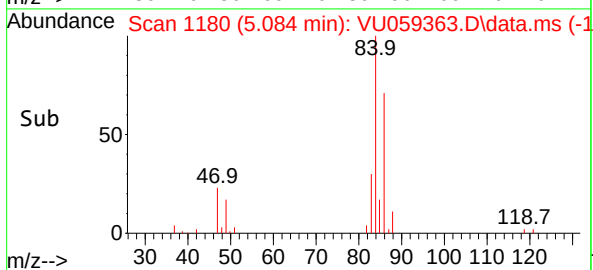
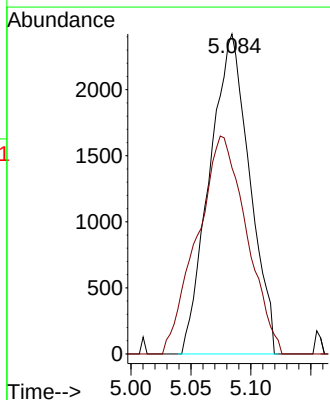
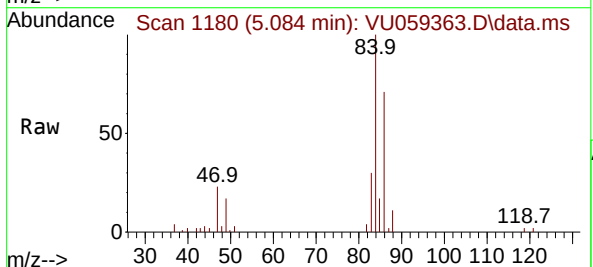
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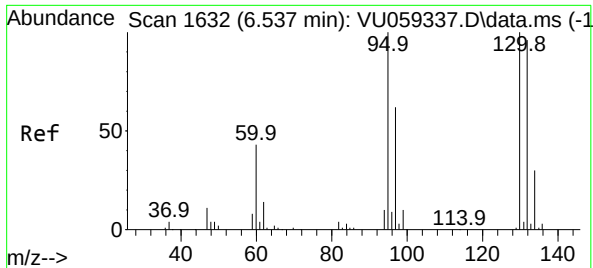
Reviewed By :Mahesh Dadoda 06/21/2024
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#25
 Chloroform
 Concen: 0.272 ug/L
 RT: 5.084 min Scan# 1180
 Delta R.T. 0.003 min
 Lab File: VU059363.D
 Acq: 19 Jun 2024 19:06

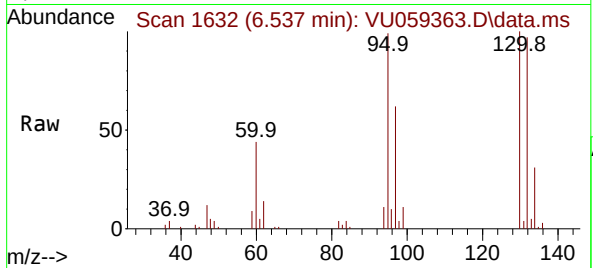
Tgt Ion: 83 Resp: 5614
 Ion Ratio Lower Upper
 83 100
 85 58.2 44.7 83.1





#34
Trichloroethene
Concen: 2.191 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VU059363.D
Acq: 19 Jun 2024 19:06

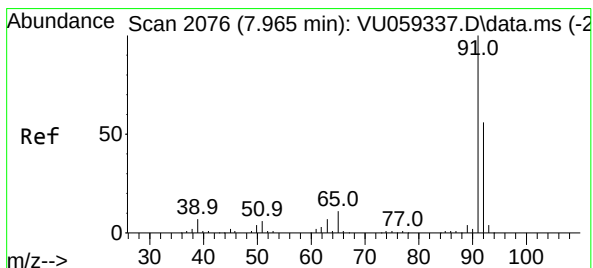
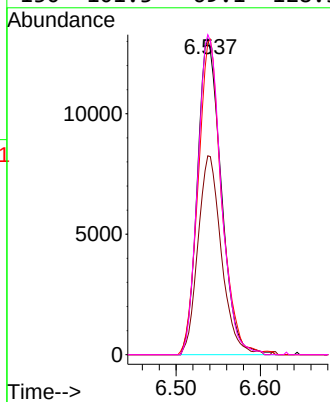
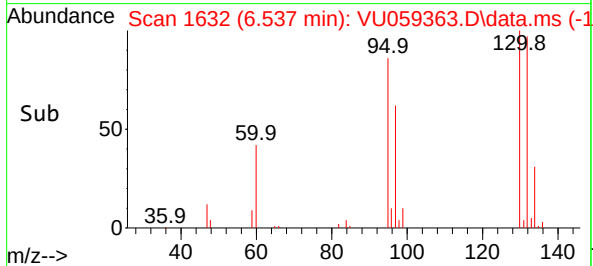
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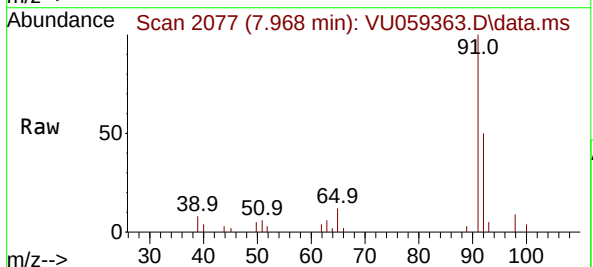
Tgt Ion: 95 Resp: 25732
Ion Ratio Lower Upper
95 100
97 63.0 45.3 84.1
132 98.8 64.0 119.0
130 101.3 69.1 128.3

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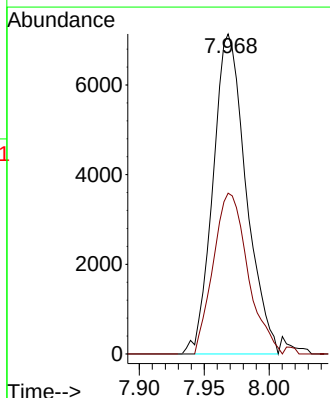
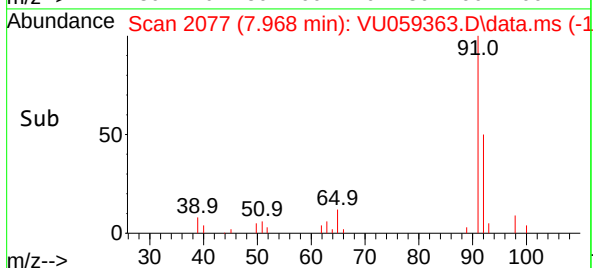
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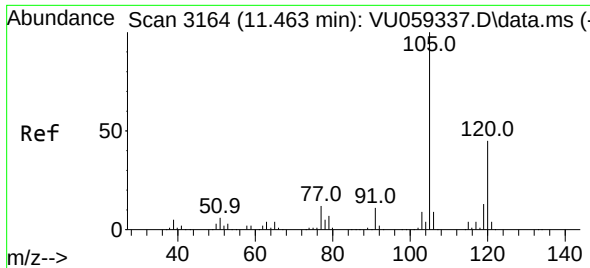


#42
Toluene
Concen: 0.275 ug/L
RT: 7.968 min Scan# 2077
Delta R.T. 0.003 min
Lab File: VU059363.D
Acq: 19 Jun 2024 19:06



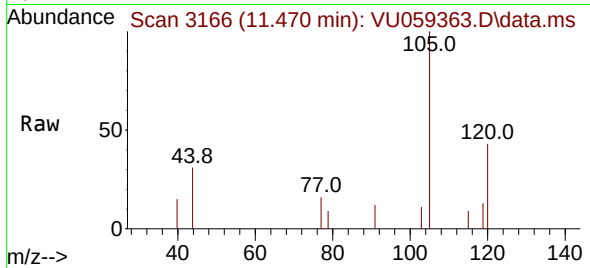
Tgt Ion: 91 Resp: 12622
Ion Ratio Lower Upper
91 100
92 50.3 39.7 73.7





#63
1,2,4-Trimethylbenzene
Concen: 0.074 ug/L
RT: 11.470 min Scan# 3166
Delta R.T. 0.007 min
Lab File: VU059363.D
Acq: 19 Jun 2024 19:06

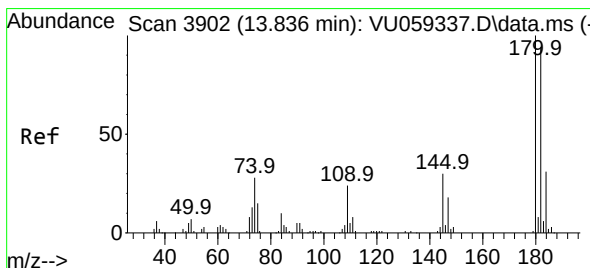
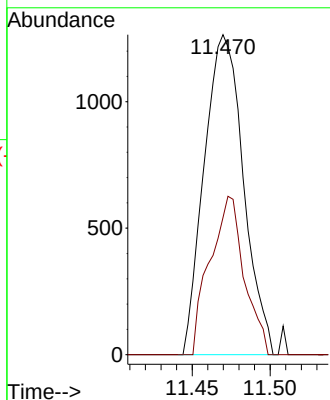
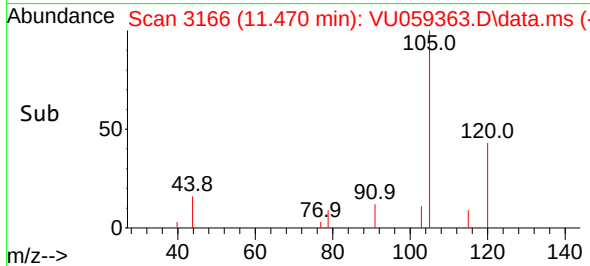
Instrument :
MSVOA_U
ClientSampleId :
E1GB1MSD



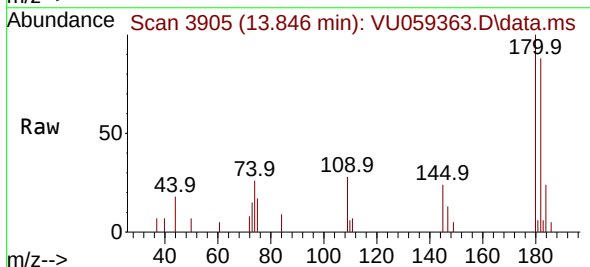
Tgt Ion:105 Resp: 2210
Ion Ratio Lower Upper
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120 43.3 35.4 53.0

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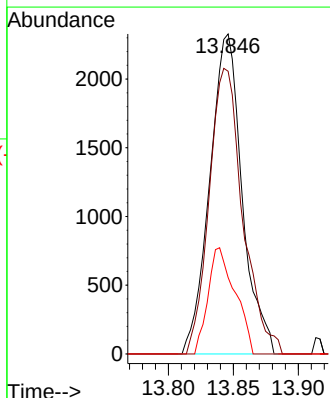
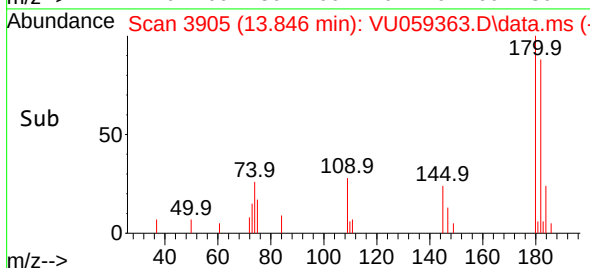
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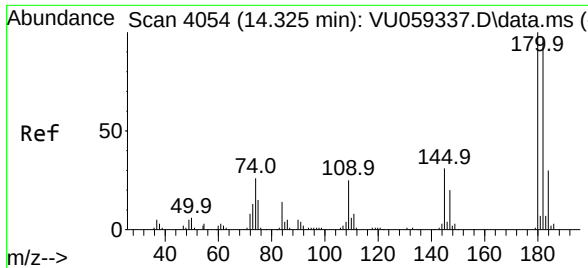


#70
1,2,4-trichlorobenzene
Concen: 0.351 ug/L
RT: 13.846 min Scan# 3905
Delta R.T. 0.010 min
Lab File: VU059363.D
Acq: 19 Jun 2024 19:06



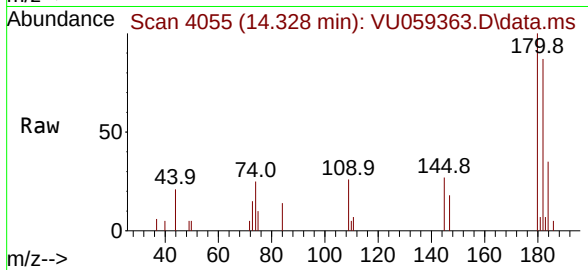
Tgt Ion:180 Resp: 4034
Ion Ratio Lower Upper
180 100
182 92.5 74.9 112.3
145 27.7 23.9 35.9





#72
 1,2,3-Trichlorobenzene
 Concen: 0.407 ug/L
 RT: 14.328 min Scan# 4054
 Delta R.T. 0.003 min
 Lab File: VU059363.D
 Acq: 19 Jun 2024 19:06

Instrument :
 MSVOA_U
 ClientSampleId :
 E1GB1MSD



Tgt Ion:180 Resp: 4344

Ion	Ratio	Lower	Upper
180	100		
182	93.3	77.0	115.6
145	26.7	26.2	39.4

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