

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013024\
 Data File : VU057735.D
 Acq On : 30 Jan 2024 11:45
 Operator : MD/SY
 Sample : P1239-16 200X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 30 22:35:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jan 30 22:31:02 2024
 Response via : Initial Calibration

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

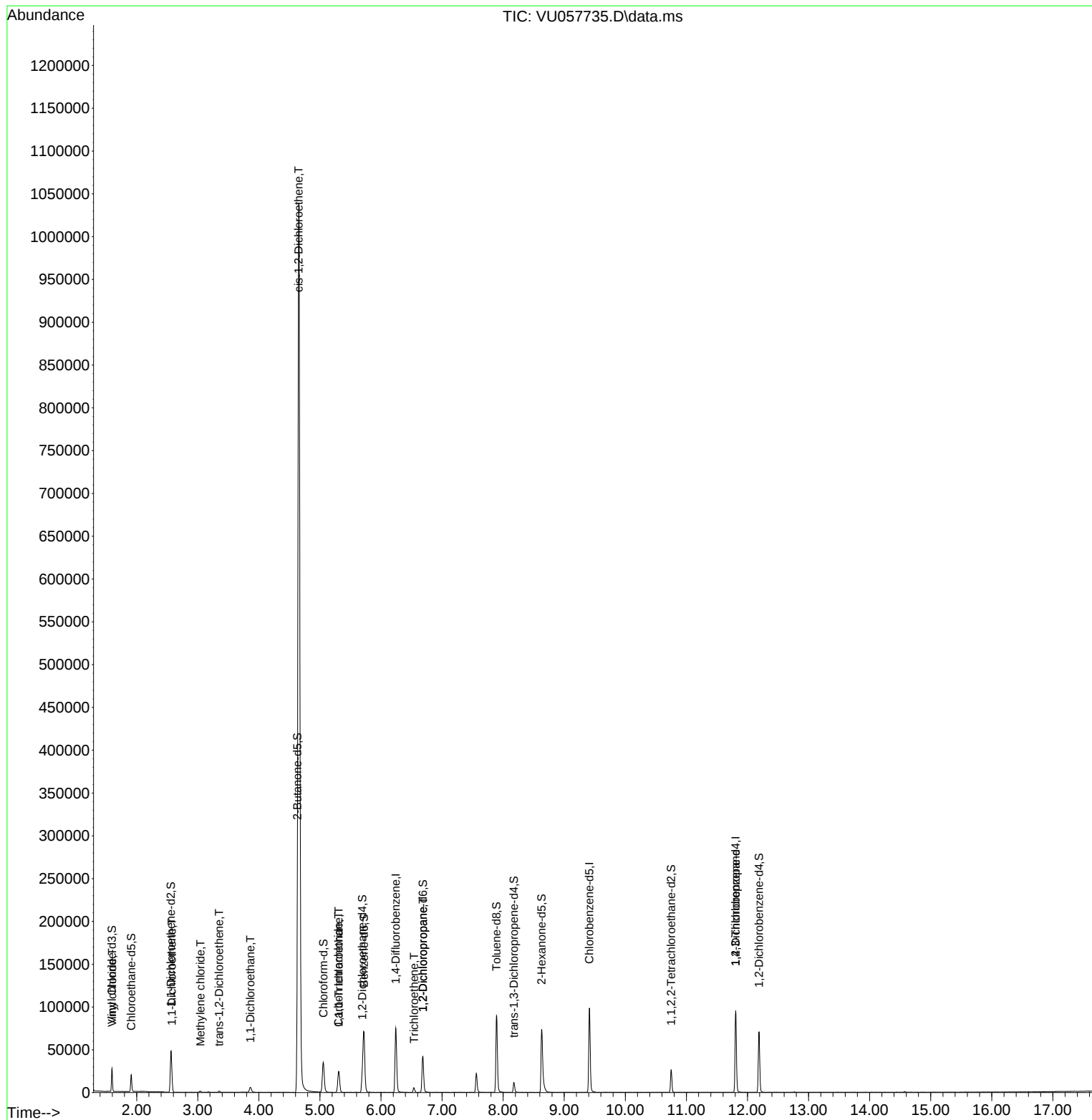
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	61633	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	55768	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	24754	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	17423	5.131	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 102.600%		
7) Chloroethane-d5	1.911	69	14809	5.205	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 104.000%		
11) 1,1-Dichloroethene-d2	2.560	65	8061	5.048	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 101.000%		
20) 2-Butanone-d5	4.631	46	35674	55.687	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 111.380%		
24) Chloroform-d	5.055	84	32677	4.741	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 94.800%		
26) 1,2-Dichloroethane-d4	5.695	65	17054	5.445	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 108.800%		
32) Benzene-d6	5.721	84	67914	5.192	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 103.800%		
36) 1,2-Dichloropropane-d6	6.685	67	20560	5.211	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 104.200%		
41) Toluene-d8	7.891	98	61464	4.950	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 99.000%		
43) trans-1,3-Dichloroprop...	8.174	79	7225	4.594	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 91.800%		
46) 2-Hexanone-d5	8.631	63	26387	52.592	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 105.180%		
56) 1,1,2,2-Tetrachloroeth...	10.749	84	13248	5.009	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 100.200%		
66) 1,2-Dichlorobenzene-d4	12.190	152	18525	5.333	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 106.600%		
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	1396	0.251	ug/L #	68
12) 1,1-Dichloroethene	2.576	96	3927	0.877	ug/L #	36
16) Methylene chloride	3.042	84	784	0.163	ug/L	87
18) trans-1,2-Dichloroethene	3.351	96	689	0.146	ug/L	96
19) 1,1-Dichloroethane	3.862	63	7377	0.847	ug/L #	89
22) cis-1,2-Dichloroethene	4.653	96	537052	105.885	ug/L	100
29) 1,1,1-Trichloroethane	5.309	97	17832	2.178	ug/L	99
31) Carbon tetrachloride	5.306	117	2162	0.299	ug/L	97
34) Trichloroethene	6.541	95	1943	0.368	ug/L	94
37) 1,2-Dichloropropane	6.685	63	2195	0.459	ug/L #	89
61) 1,2,3-Trichloropropane	11.807	75	3108	1.251	ug/L #	66

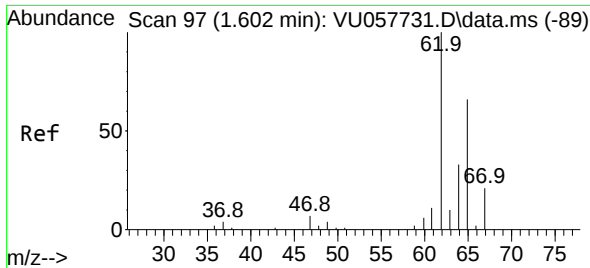
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013024\
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ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

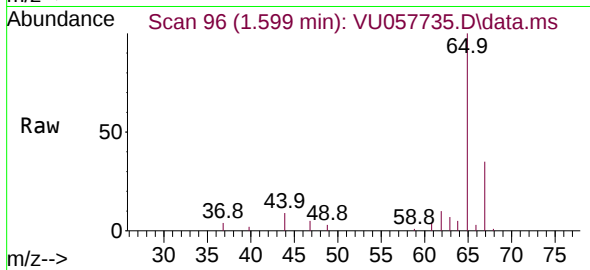
Quant Time: Jan 30 22:35:44 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012324WMA.M
Quant Title : TRACE VOA SFAM1.0
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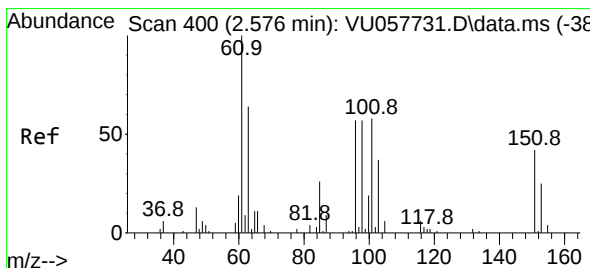
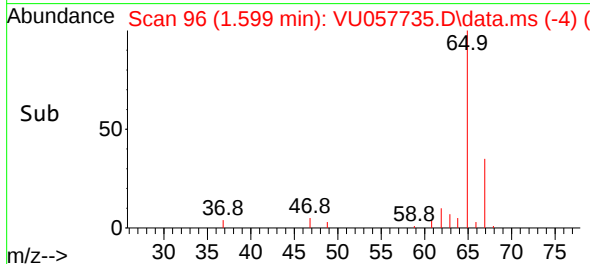
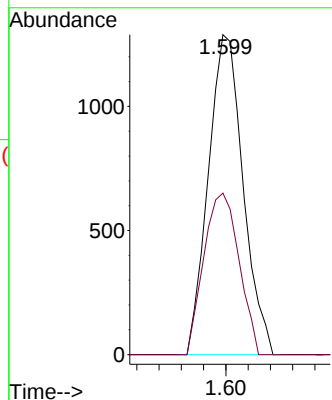


#5
 Vinyl chloride
 Concen: 0.251 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. -0.003 min
 Lab File: VU057735.D
 Acq: 30 Jan 2024 11:45

Instrument :
 MSVOA_U
 ClientSampleId :

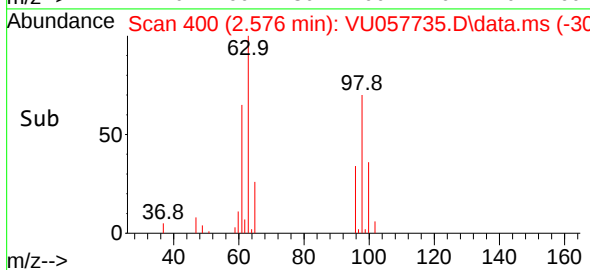
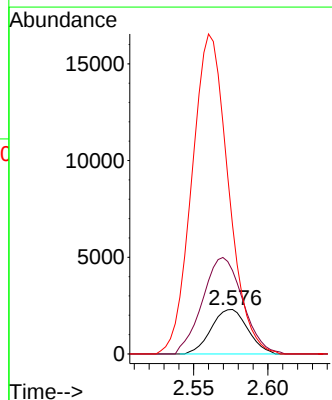
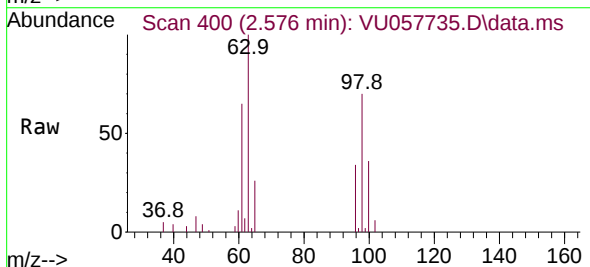


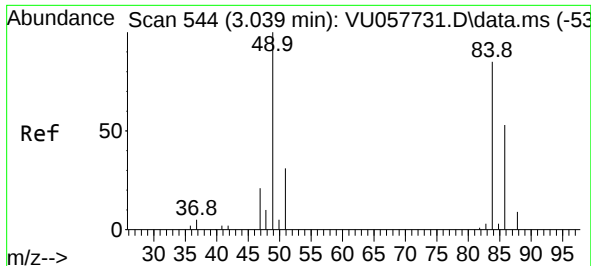
Tgt Ion: 62 Resp: 1396
 Ion Ratio Lower Upper
 62 100
 64 50.5 22.8 42.4#



#12
 1,1-Dichloroethene
 Concen: 0.877 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU057735.D
 Acq: 30 Jan 2024 11:45

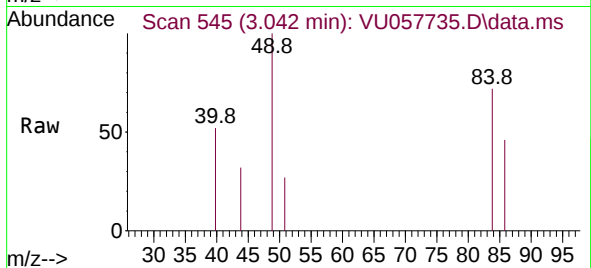
Tgt Ion: 96 Resp: 3927
 Ion Ratio Lower Upper
 96 100
 61 176.8 120.7 224.1
 63 273.5 72.5 134.7#



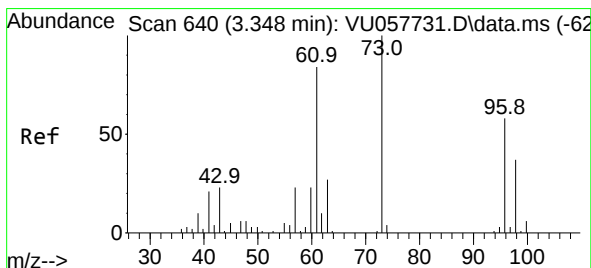
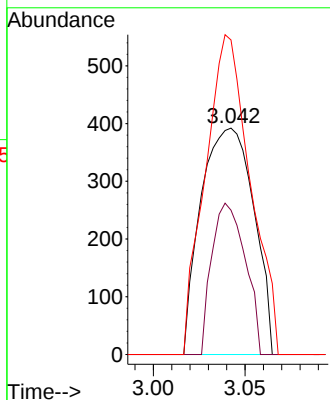
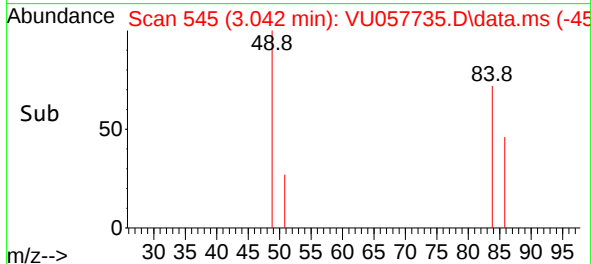


#16
Methylene chloride
Concen: 0.163 ug/L
RT: 3.042 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU057735.D
Acq: 30 Jan 2024 11:45

Instrument :
MSVOA_U
ClientSampleId :

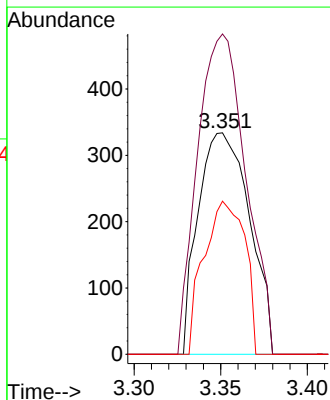
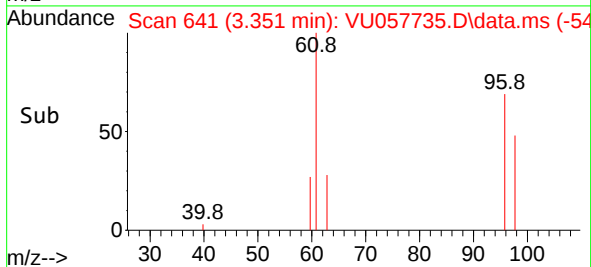
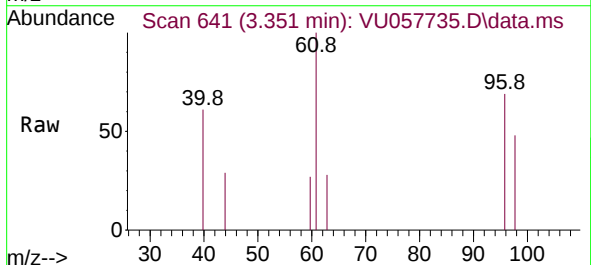


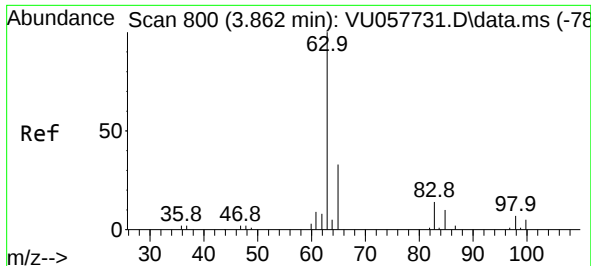
Tgt Ion:	84	Resp:	784
Ion	Ratio	Lower	Upper
84	100		
86	63.8	43.5	80.9
49	139.0	82.5	153.1



#18
trans-1,2-Dichloroethene
Concen: 0.146 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU057735.D
Acq: 30 Jan 2024 11:45

Tgt Ion:	96	Resp:	689
Ion	Ratio	Lower	Upper
96	100		
61	144.6	99.3	184.5
98	69.2	44.5	82.7





#19

1,1-Dichloroethane

Concen: 0.847 ug/L

RT: 3.862 min Scan# 800

Delta R.T. -0.000 min

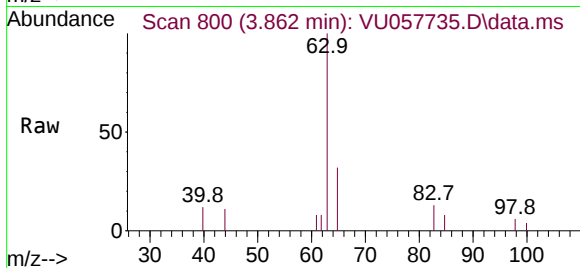
Lab File: VU057735.D

Acq: 30 Jan 2024 11:45

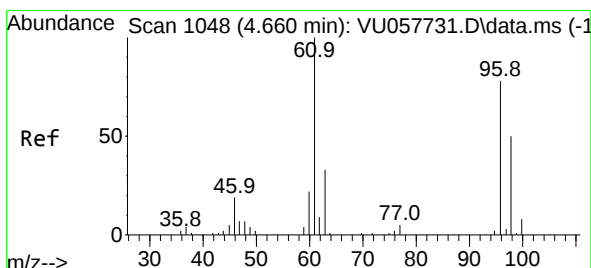
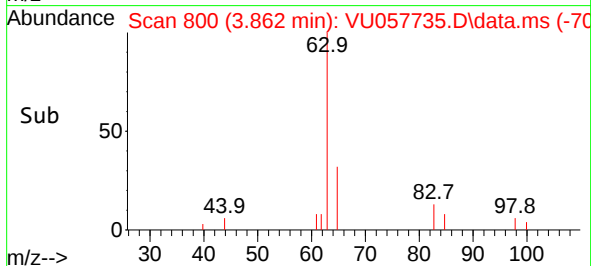
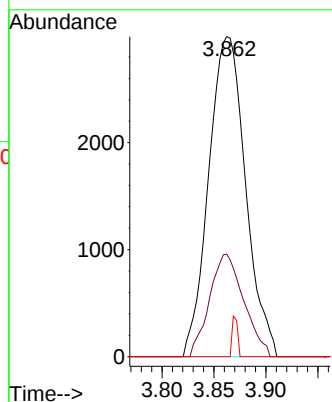
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	63	Resp:	7377
Ion	Ratio	Lower	Upper
63	100		
65	32.0	23.0	42.8
83	0.0	9.7	17.9#



#22

cis-1,2-Dichloroethene

Concen: 105.885 ug/L

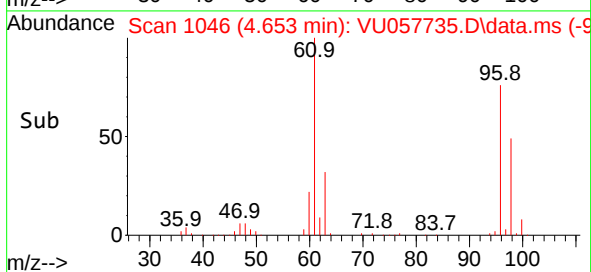
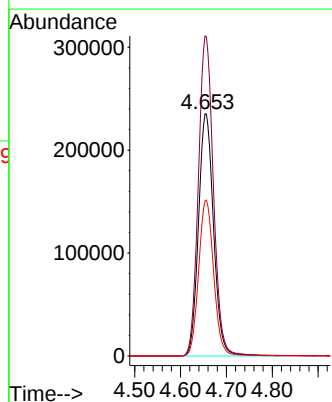
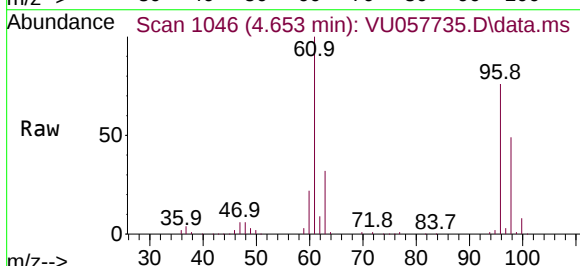
RT: 4.653 min Scan# 1046

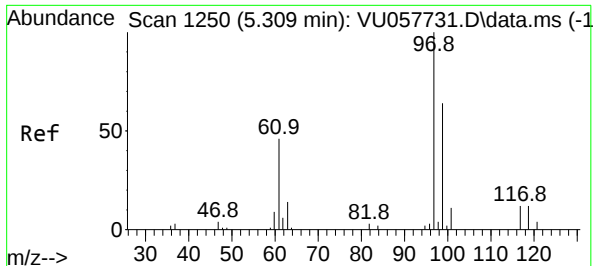
Delta R.T. -0.007 min

Lab File: VU057735.D

Acq: 30 Jan 2024 11:45

Tgt Ion:	96	Resp:	537052
Ion	Ratio	Lower	Upper
96	100		
61	132.2	92.7	172.1
98	64.1	44.9	83.5





#29

1,1,1-Trichloroethane

Concen: 2.178 ug/L

RT: 5.309 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU057735.D

Acq: 30 Jan 2024 11:45

Instrument :

MSVOA_U

ClientSampleId :

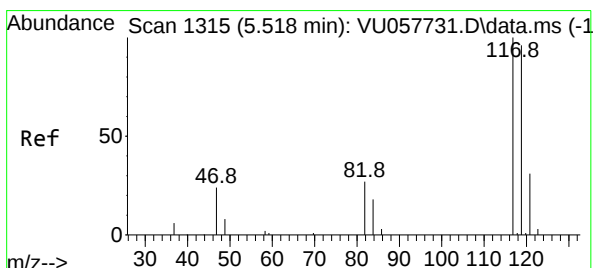
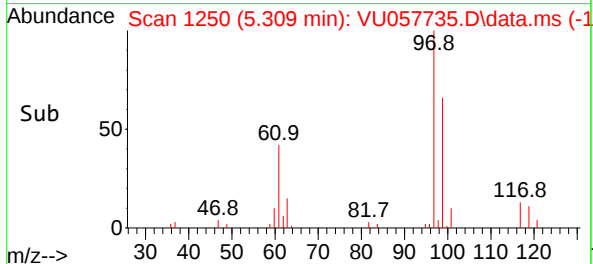
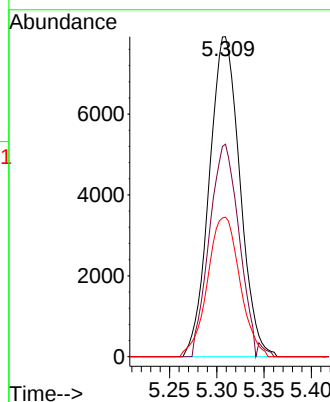
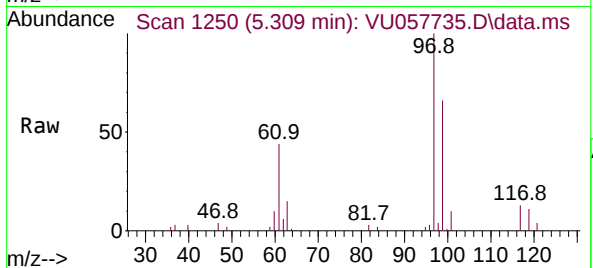
Tgt Ion: 97 Resp: 17832

Ion Ratio Lower Upper

97 100

99 64.9 52.0 78.0

61 46.2 35.3 52.9



#31

Carbon tetrachloride

Concen: 0.299 ug/L

RT: 5.306 min Scan# 1249

Delta R.T. -0.212 min

Lab File: VU057735.D

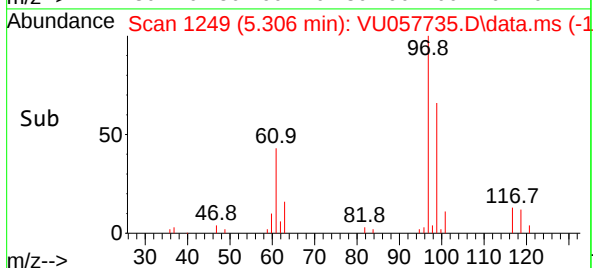
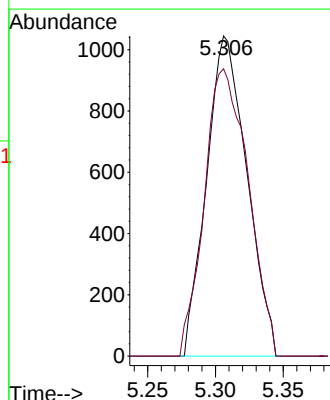
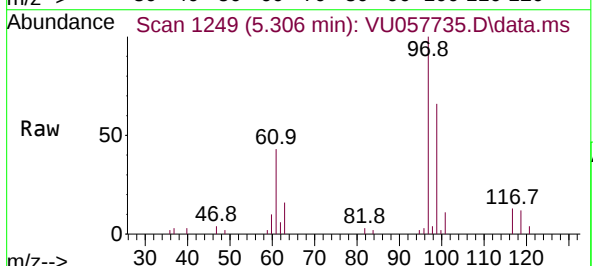
Acq: 30 Jan 2024 11:45

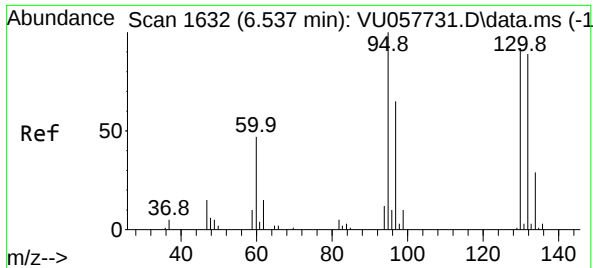
Tgt Ion: 117 Resp: 2162

Ion Ratio Lower Upper

117 100

119 97.8 75.6 113.4



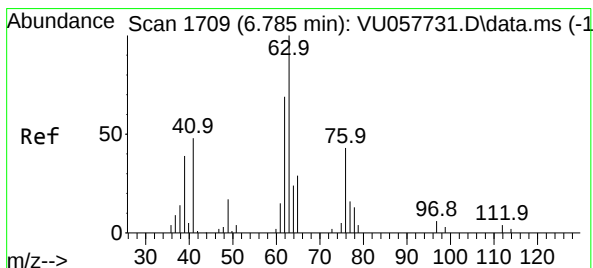
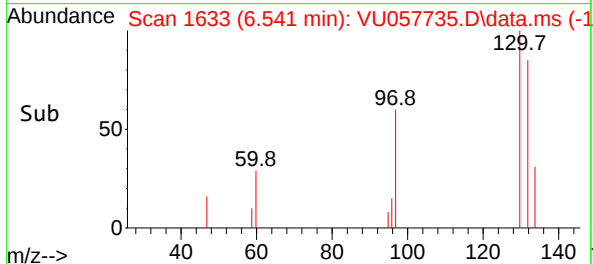
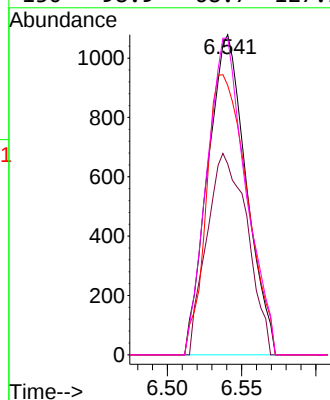
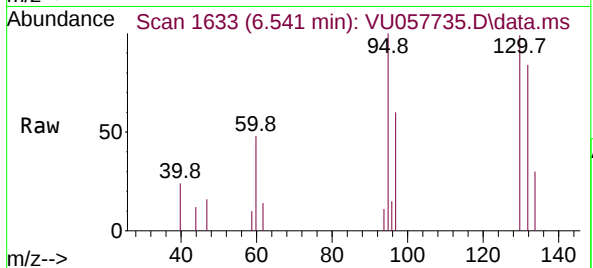


#34
Trichloroethene
Concen: 0.368 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. 0.003 min
Lab File: VU057735.D
Acq: 30 Jan 2024 11:45

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 1943

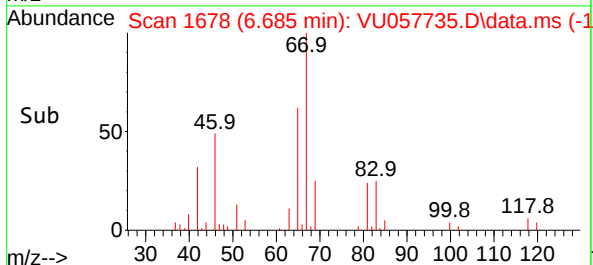
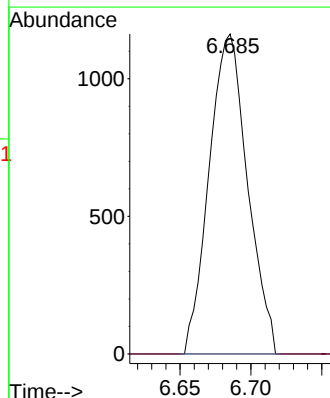
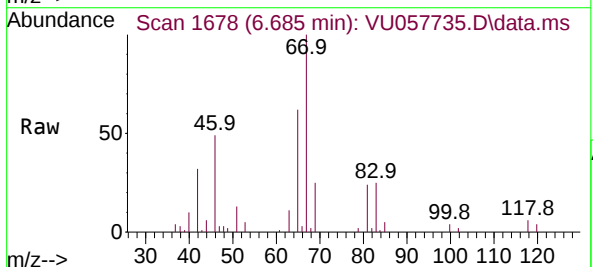
Ion	Ratio	Lower	Upper
95	100		
97	59.6	46.1	85.5
132	84.2	66.1	122.8
130	98.9	68.7	127.5

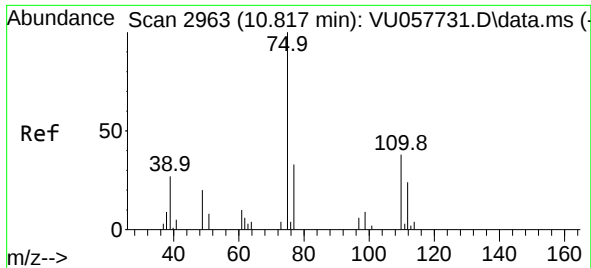


#37
1,2-Dichloropropane
Concen: 0.459 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.100 min
Lab File: VU057735.D
Acq: 30 Jan 2024 11:45

Tgt Ion: 63 Resp: 2195

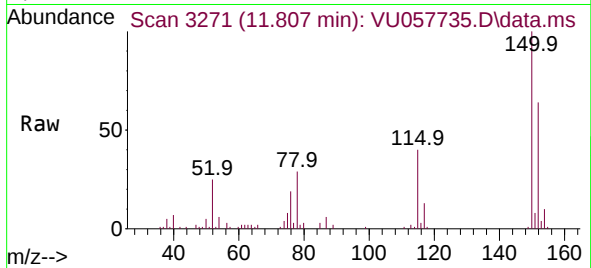
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.4#





#61
1,2,3-Trichloropropane
Concen: 1.251 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU057735.D
Acq: 30 Jan 2024 11:45

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
110	0.0	30.1	45.1#
77	31.9	25.5	38.3

