

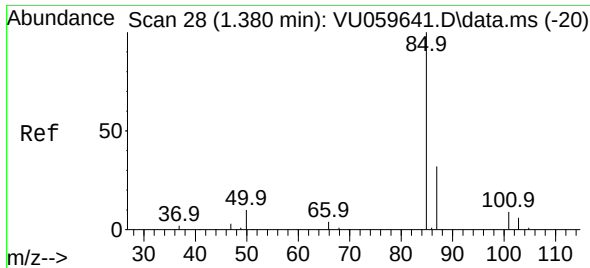
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062924\
 Data File : VU059665.D
 Acq On : 29 Jun 2024 08:57
 Operator : MD/SY
 Sample : P3068-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 30 22:38:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 29 01:51:23 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	147500	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	156285	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	66398	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	30851	3.008	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.200%
7) Chloroethane-d5	1.907	69	36085	3.657	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.200%
11) 1,1-Dichloroethene-d2	2.560	65	13821	3.248	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.000%
20) 2-Butanone-d5	4.621	46	99115	46.914	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.820%
24) Chloroform-d	5.055	84	90250	4.287	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.800%
26) 1,2-Dichloroethane-d4	5.695	65	45189	4.456	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.200%
32) Benzene-d6	5.721	84	171595	3.989	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.800%
36) 1,2-Dichloropropane-d6	6.682	67	56809	4.310	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.200%
41) Toluene-d8	7.891	98	143903	3.599	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.000%
43) trans-1,3-Dichloroprop...	8.177	79	14975	3.628	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.600%
46) 2-Hexanone-d5	8.627	63	79477	46.347	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.700%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	50182	4.608	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	56318	4.766	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	4265	0.341	ug/L	100
9) Trichlorofluoromethane	2.133	101	53791	3.007	ug/L	99
16) Methylene chloride	3.043	84	1893	0.153	ug/L	83
34) Trichloroethene	6.534	95	62125	4.834	ug/L	98
35) Methylcyclohexane	6.685	83	13660	0.747	ug/L #	18
37) 1,2-Dichloropropane	6.689	63	5405	0.440	ug/L #	90
61) 1,2,3-Trichloropropane	11.804	75	7581	1.236	ug/L #	69

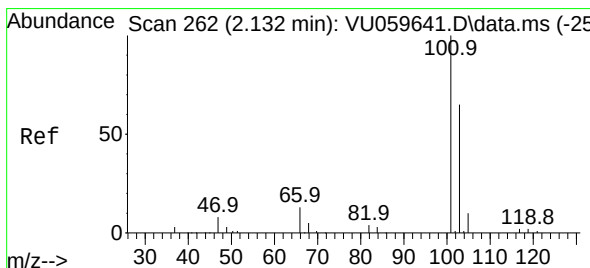
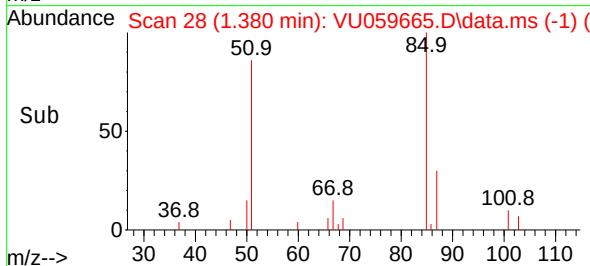
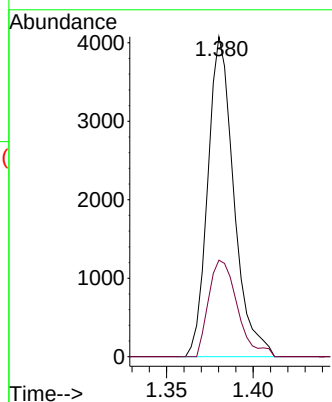
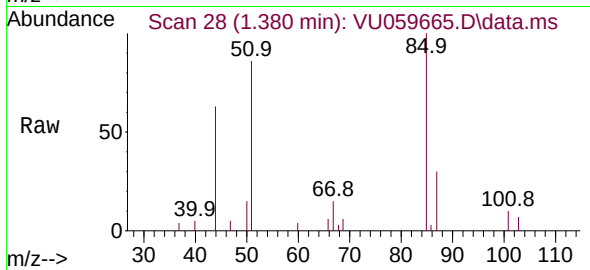
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 0.341 ug/L
RT: 1.380 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU059665.D
Acq: 29 Jun 2024 08:57

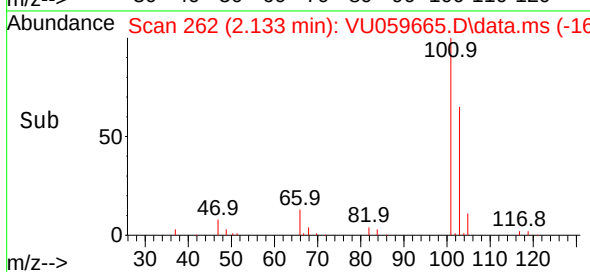
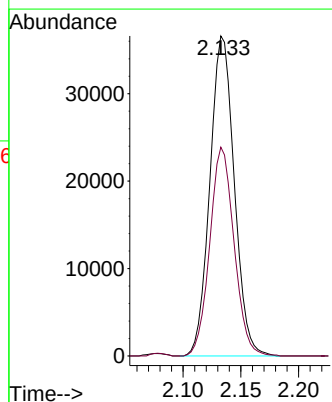
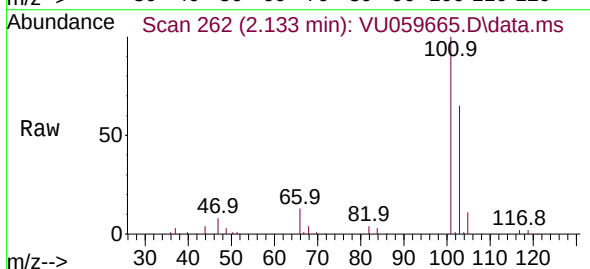
Instrument :
MSVOA_U
ClientSampleId :

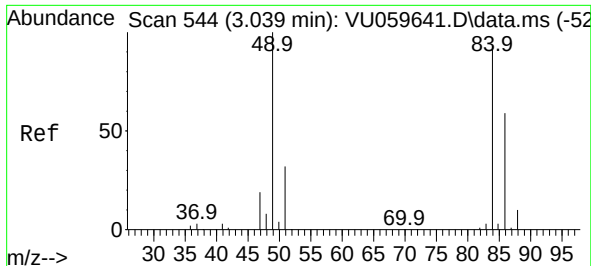
Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.3	26.6	40.0



#9
Trichlorofluoromethane
Concen: 3.007 ug/L
RT: 2.133 min Scan# 262
Delta R.T. 0.000 min
Lab File: VU059665.D
Acq: 29 Jun 2024 08:57

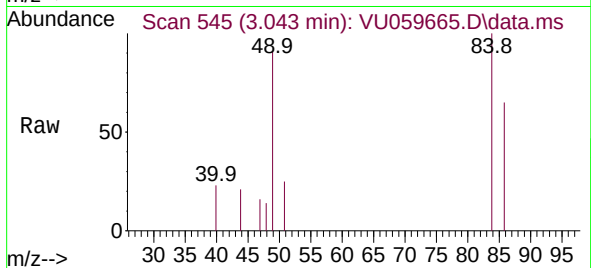
Tgt Ion	Ratio	Lower	Upper
101	100		
103	65.0	52.6	79.0



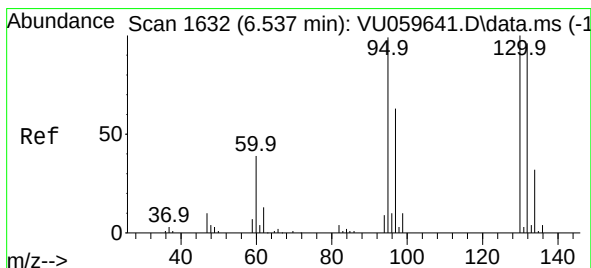
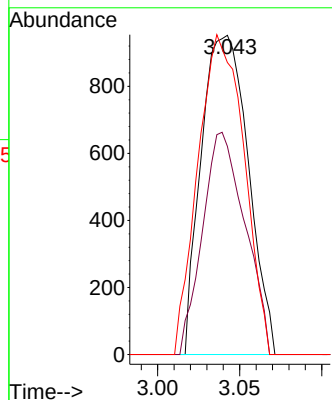
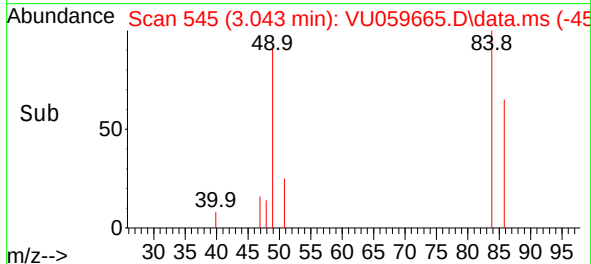


#16
Methylene chloride
Concen: 0.153 ug/L
RT: 3.043 min Scan# 544
Delta R.T. 0.003 min
Lab File: VU059665.D
Acq: 29 Jun 2024 08:57

Instrument :
MSVOA_U
ClientSampleId :

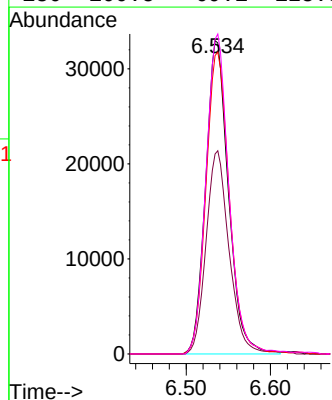
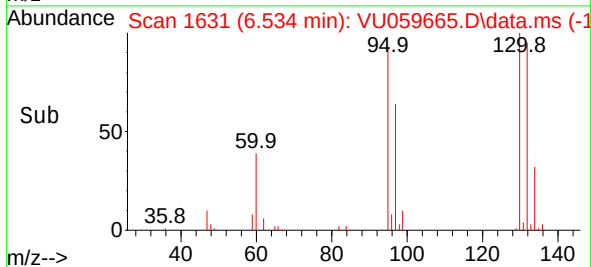
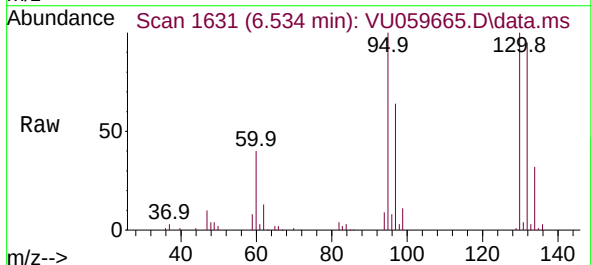


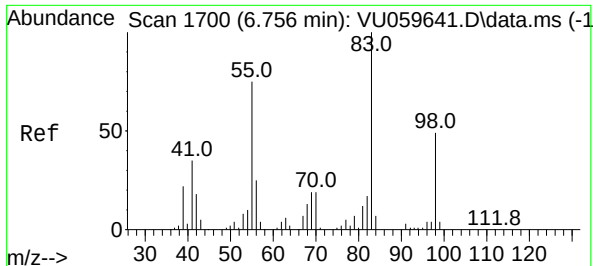
Tgt Ion: 84 Resp: 1893
Ion Ratio Lower Upper
84 100
86 65.2 42.1 78.1
49 91.5 80.6 149.8



#34
Trichloroethene
Concen: 4.834 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.003 min
Lab File: VU059665.D
Acq: 29 Jun 2024 08:57

Tgt Ion: 95 Resp: 62125
Ion Ratio Lower Upper
95 100
97 63.8 45.3 84.1
132 95.2 64.0 119.0
130 100.5 69.1 128.3





#35

Methylcyclohexane

Concen: 0.747 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU059665.D

Acq: 29 Jun 2024 08:57

Instrument :

MSVOA_U

ClientSampleId :

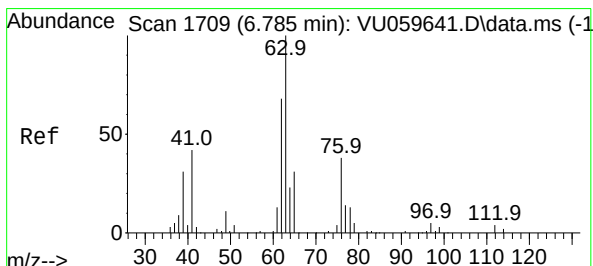
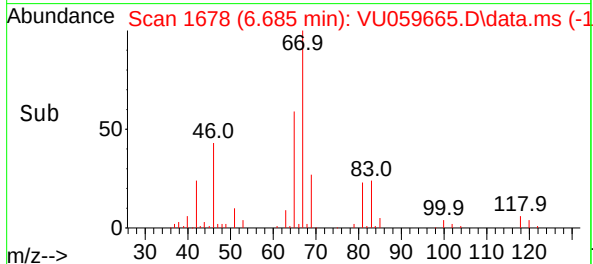
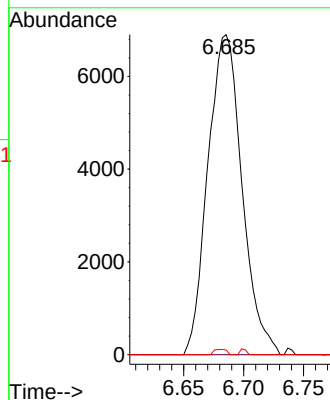
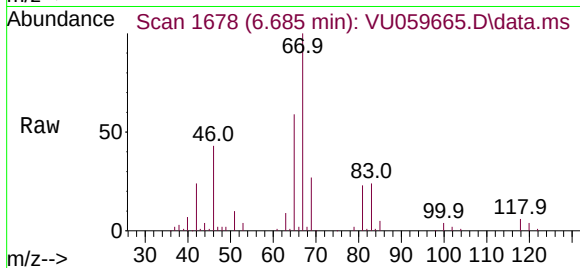
Tgt Ion: 83 Resp: 13660

Ion Ratio Lower Upper

83 100

55 0.0 62.7 94.1#

98 0.0 35.4 53.0#



#37

1,2-Dichloropropane

Concen: 0.440 ug/L

RT: 6.689 min Scan# 1679

Delta R.T. -0.096 min

Lab File: VU059665.D

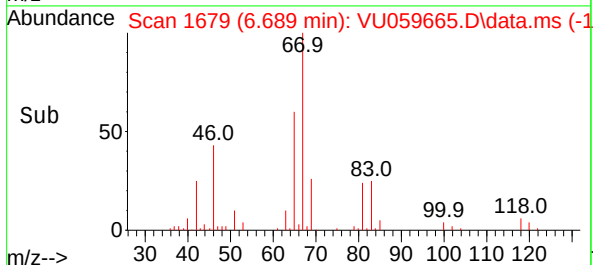
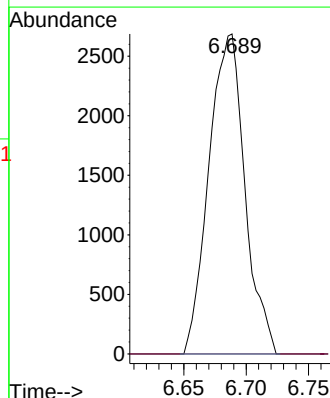
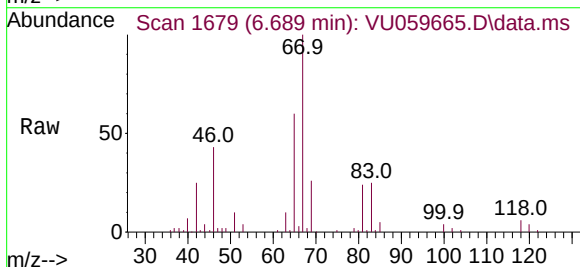
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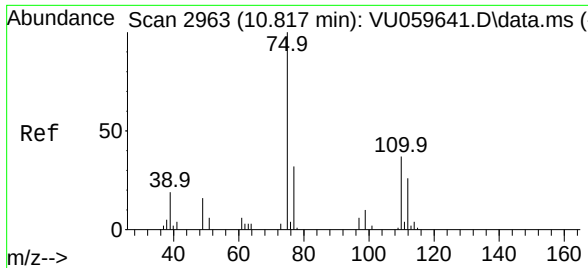
Tgt Ion: 63 Resp: 5405

Ion Ratio Lower Upper

63 100

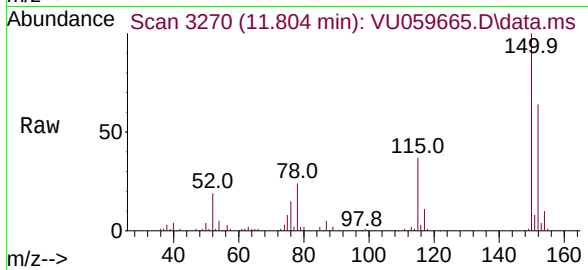
112 0.0 2.6 3.8#





#61
1,2,3-Trichloropropane
Concen: 1.236 ug/L
RT: 11.804 min Scan# 31
Delta R.T. 0.987 min
Lab File: VU059665.D
Acq: 29 Jun 2024 08:57

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	75	Resp:	7581
Ion	Ratio	Lower	Upper
75	100		
110	0.5	27.1	40.7#
77	32.8	25.4	38.2

