

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011725\
 Data File : VU062895.D
 Acq On : 18 Jan 2025 01:15
 Operator : MD/SY
 Sample : Q1086-15
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 18 03:33:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jan 17 23:41:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	97975	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	91578	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	41307	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	19911	3.669	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.400%
7) Chloroethane-d5	1.901	69	18094	4.145	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.000%
11) 1,1-Dichloroethene-d2	2.554	65	10905	3.879	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.600%
20) 2-Butanone-d5	4.615	46	56214	50.688	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.380%
24) Chloroform-d	5.055	84	59671	4.470	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
26) 1,2-Dichloroethane-d4	5.698	65	34931	4.824	ug/L	0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
32) Benzene-d6	5.721	84	101970	4.555	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
36) 1,2-Dichloropropane-d6	6.679	67	29700	4.785	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.800%
41) Toluene-d8	7.888	98	93135	4.270	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.400%
43) trans-1,3-Dichloroprop...	8.171	79	14371	4.645	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.800%
46) 2-Hexanone-d5	8.621	63	43910	45.126	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.260%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	24356	4.686	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	33558	4.883	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.515	50	860	0.137	ug/L #	78
5) Vinyl chloride	1.599	62	3515	0.498	ug/L #	50
10) 1,1,2-Trichloro-1,2,2-...	2.567	101	7810	1.136	ug/L #	28
12) 1,1-Dichloroethene	2.567	96	3295405	541.824	ug/L #	74
16) Methylene chloride	3.033	84	3616	0.543	ug/L	83
19) 1,1-Dichloroethane	3.853	63	2737185	234.943	ug/L	96
25) Chloroform	5.078	83	26084	1.819	ug/L	98
27) 1,2-Dichloroethane	5.788	62	13009	1.388	ug/L #	90
30) Cyclohexane	5.357	56	714	0.079	ug/L #	1
31) Carbon tetrachloride	5.367	117	16816059	1317.244	ug/L	98
34) Trichloroethene	6.531	95	178442	19.853	ug/L	99
35) Methylcyclohexane	6.679	83	8432	0.762	ug/L #	22
37) 1,2-Dichloropropane	6.679	63	4128	0.665	ug/L #	85
45) 1,1,2-Trichloroethane	8.390	97	593	0.118	ug/L #	59
47) Tetrachloroethene	8.547	164	2524	0.408	ug/L	85
49) Dibromochloromethane	8.544	129	2904	0.429	ug/L #	12
61) 1,2,3-Trichloropropane	11.801	75	3811	1.040	ug/L #	60

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ALS Vial : 41 Sample Multiplier: 1

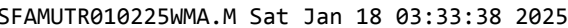
Instrument :
MSVOA_U
ClientSampleId :

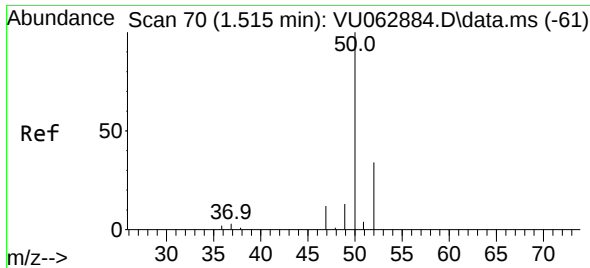
Quant Time: Jan 18 03:33:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR010225WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jan 17 23:41:19 2025
Response via : Initial Calibration

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

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

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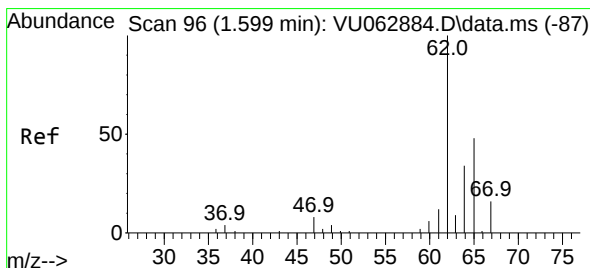
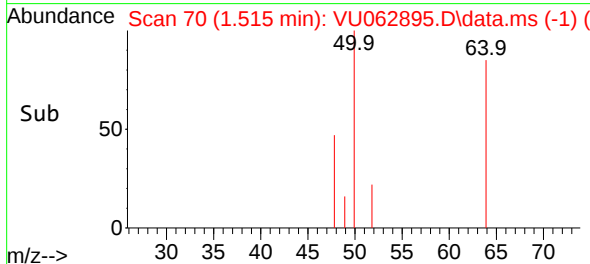
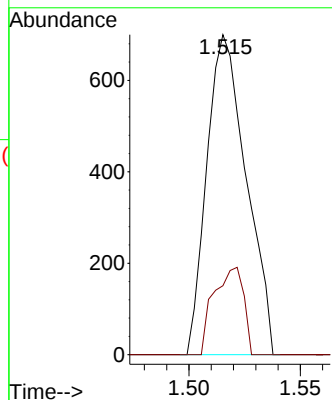
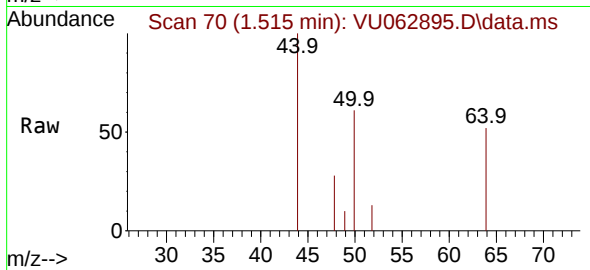




#3
Chloromethane
Concen: 0.137 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU062895.D
Acq: 18 Jan 2025 01:15

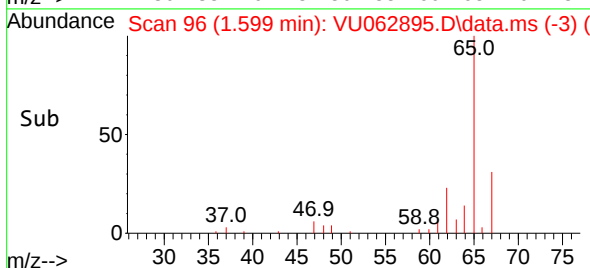
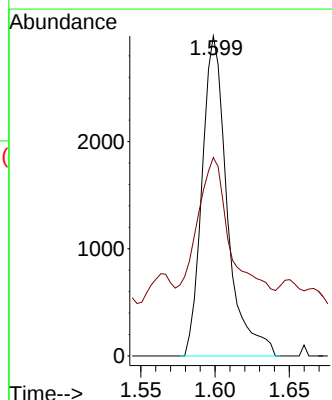
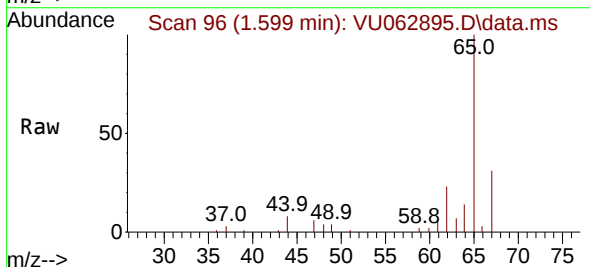
Instrument :
MSVOA_U
ClientSampleId :

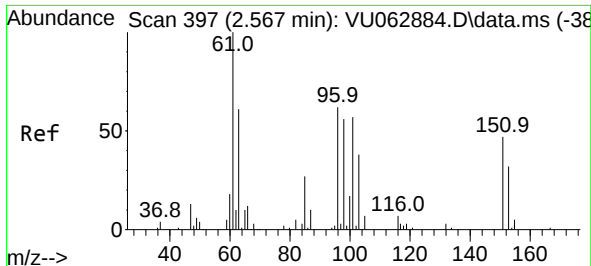
Tgt Ion: 50 Resp: 860
Ion Ratio Lower Upper
50 100
52 21.6 24.1 44.7#



#5
Vinyl chloride
Concen: 0.498 ug/L
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU062895.D
Acq: 18 Jan 2025 01:15

Tgt Ion: 62 Resp: 3515
Ion Ratio Lower Upper
62 100
64 62.0 23.4 43.4#

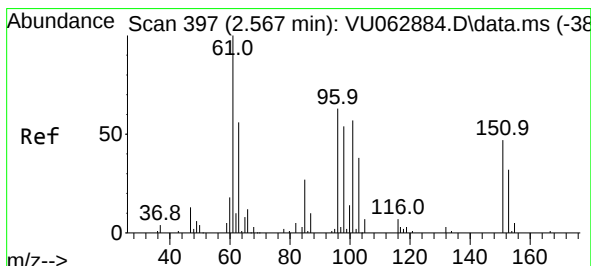
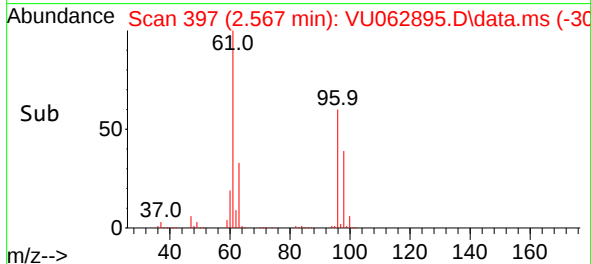
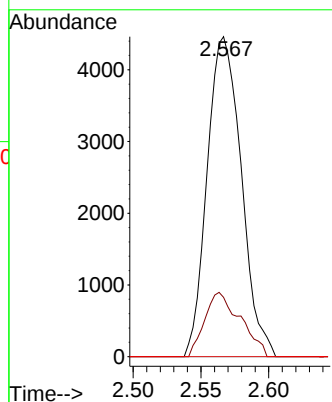
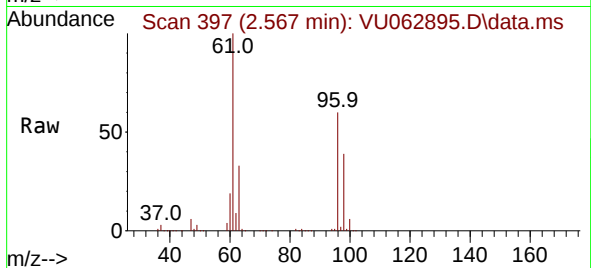




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.136 ug/L
 RT: 2.567 min Scan# 397
 Delta R.T. -0.000 min
 Lab File: VU062895.D
 Acq: 18 Jan 2025 01:15

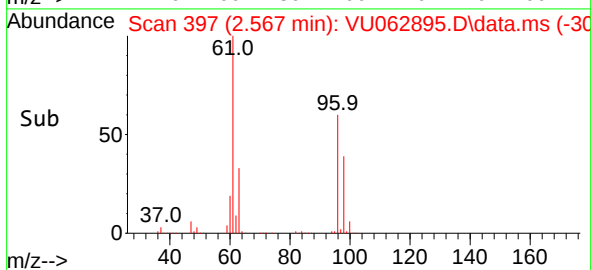
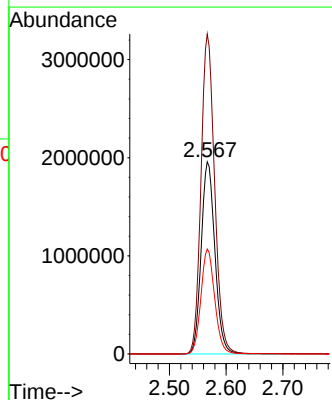
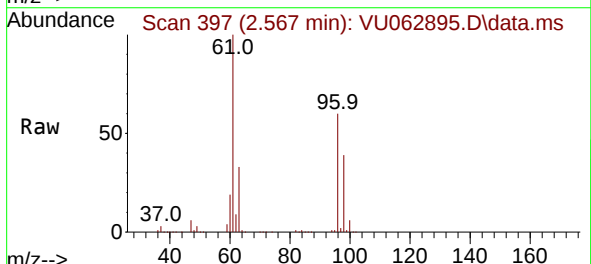
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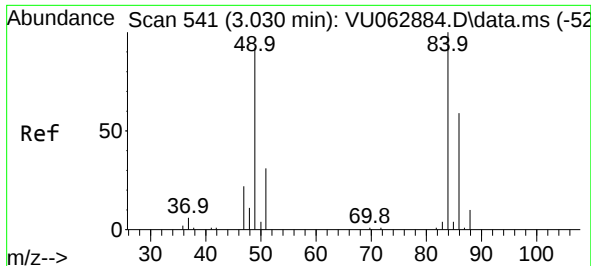
Tgt Ion:101 Resp: 7810
 Ion Ratio Lower Upper
 101 100
 85 21.1 37.0 55.6#
 151 0.0 64.4 96.6#



#12
 1,1-Dichloroethene
 Concen: 541.824 ug/L
 RT: 2.567 min Scan# 397
 Delta R.T. -0.000 min
 Lab File: VU062895.D
 Acq: 18 Jan 2025 01:15

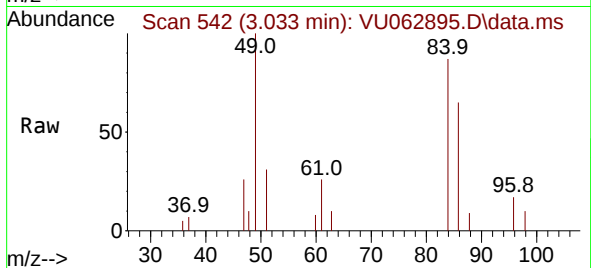
Tgt Ion: 96 Resp: 3295405
 Ion Ratio Lower Upper
 96 100
 61 166.5 120.4 223.6
 63 54.6 82.3 152.9#



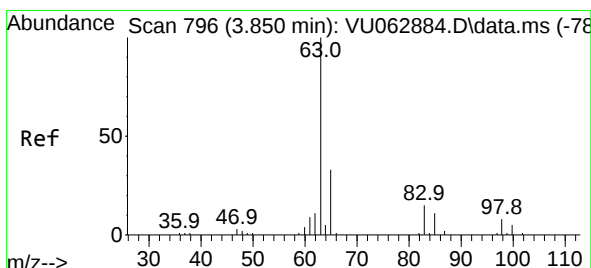
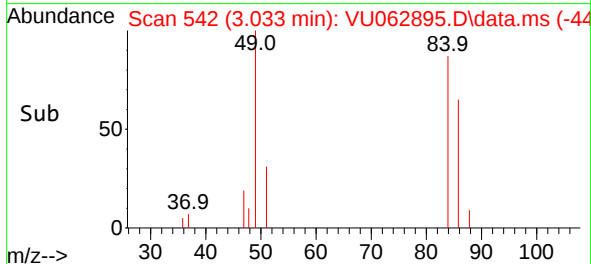
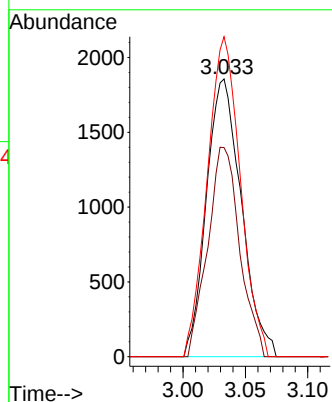


#16
Methylene chloride
Concen: 0.543 ug/L
RT: 3.033 min Scan# 541
Delta R.T. 0.003 min
Lab File: VU062895.D
Acq: 18 Jan 2025 01:15

Instrument :
MSVOA_U
ClientSampleId :

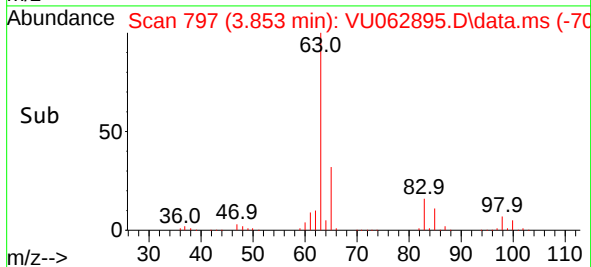
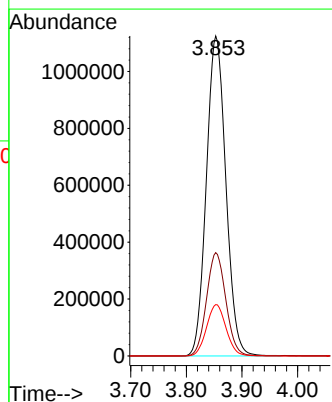
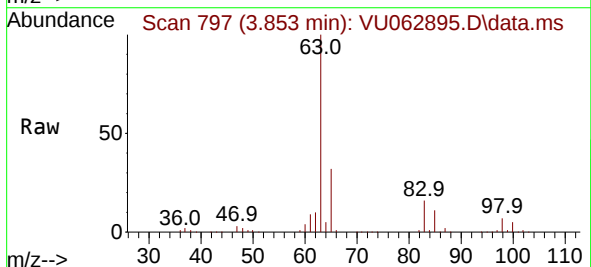


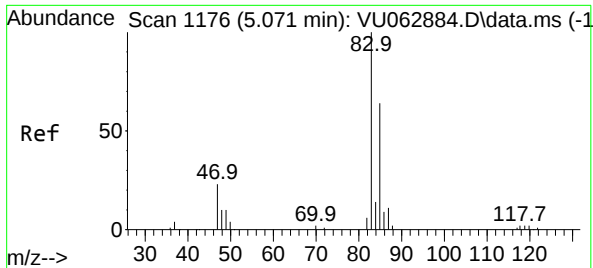
Tgt Ion: 84 Resp: 3616
Ion Ratio Lower Upper
84 100
86 75.3 44.7 83.1
49 115.2 68.3 126.9



#19
1,1-Dichloroethane
Concen: 234.943 ug/L
RT: 3.853 min Scan# 797
Delta R.T. 0.003 min
Lab File: VU062895.D
Acq: 18 Jan 2025 01:15

Tgt Ion: 63 Resp: 2737185
Ion Ratio Lower Upper
63 100
65 32.3 20.7 38.5
83 16.1 10.5 19.5

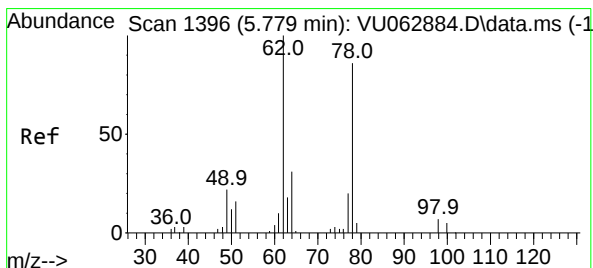
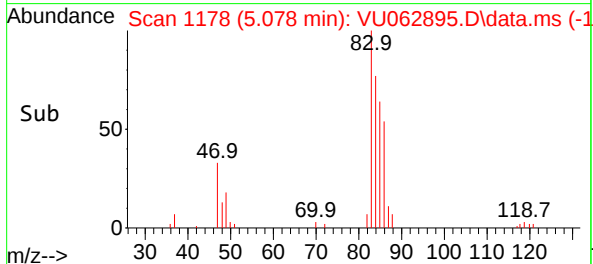
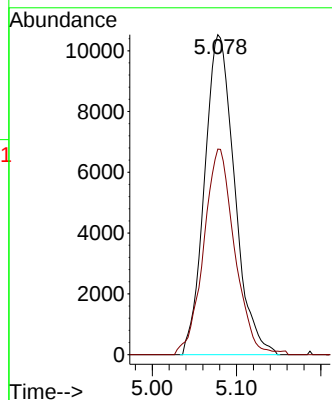
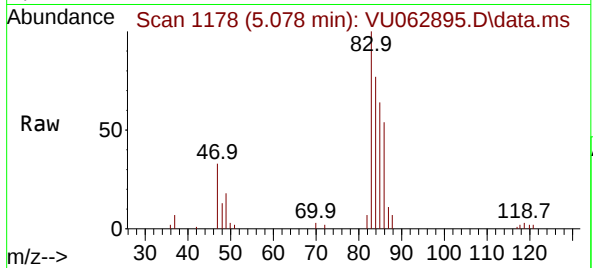




#25
Chloroform
Concen: 1.819 ug/L
RT: 5.078 min Scan# 1176
Delta R.T. 0.006 min
Lab File: VU062895.D
Acq: 18 Jan 2025 01:15

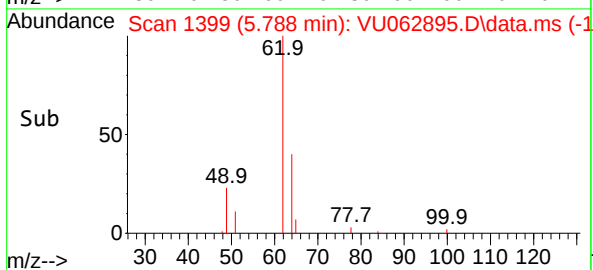
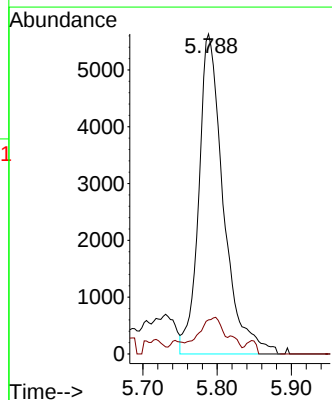
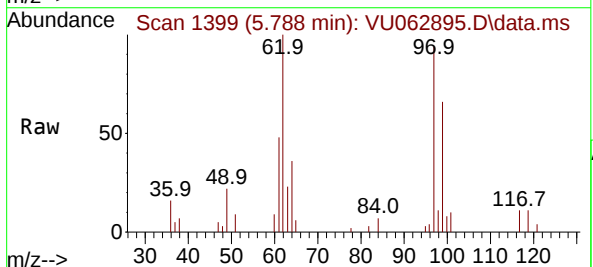
Instrument :
MSVOA_U
ClientSampleId :

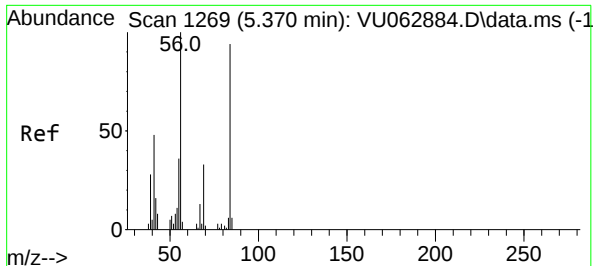
Tgt Ion: 83 Resp: 26084
Ion Ratio Lower Upper
83 100
85 64.2 45.8 85.2



#27
1,2-Dichloroethane
Concen: 1.388 ug/L
RT: 5.788 min Scan# 1399
Delta R.T. 0.010 min
Lab File: VU062895.D
Acq: 18 Jan 2025 01:15

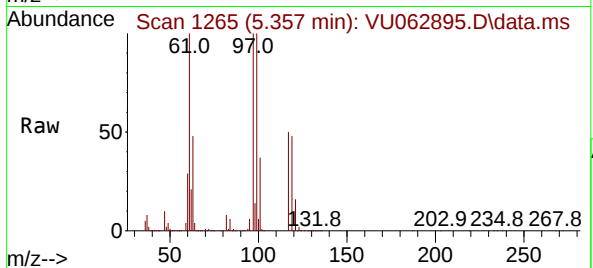
Tgt Ion: 62 Resp: 13009
Ion Ratio Lower Upper
62 100
98 10.7 5.8 8.6#



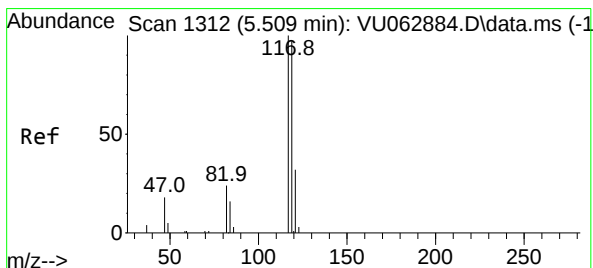
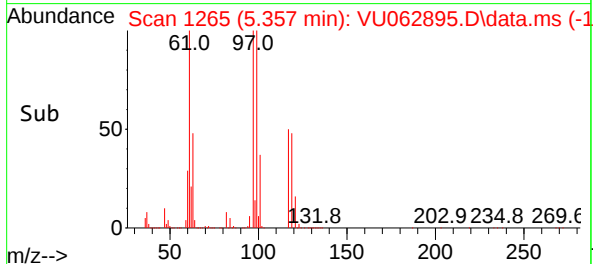
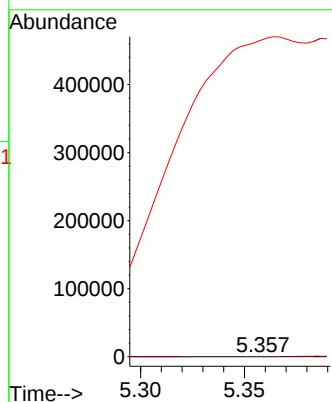


#30
Cyclohexane
Concen: 0.079 ug/L
RT: 5.357 min Scan# 1265
Delta R.T. -0.013 min
Lab File: VU062895.D
Acq: 18 Jan 2025 01:15

Instrument :
MSVOA_U
ClientSampleId :

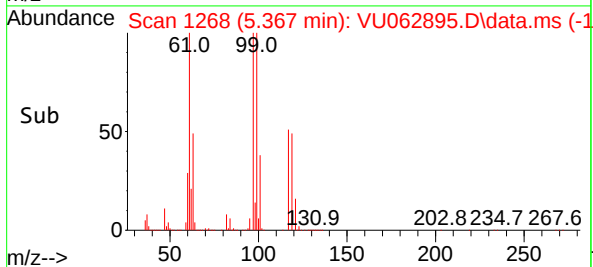
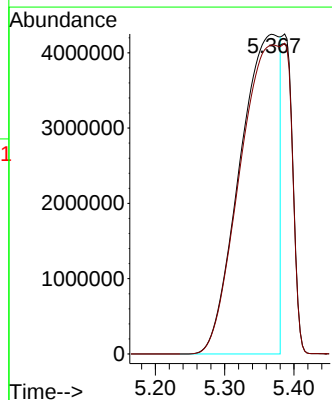
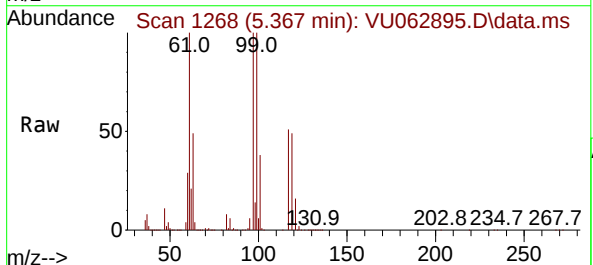


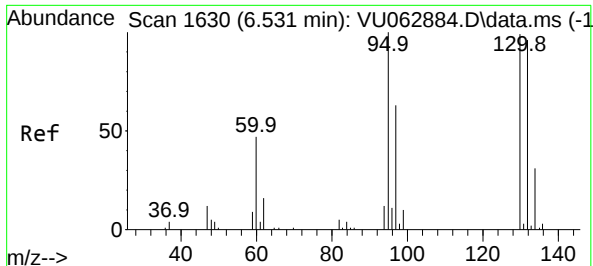
Tgt Ion: 56 Resp: 714
Ion Ratio Lower Upper
56 100
69 0.0 28.3 42.5#
84 289567.1 76.5 114.7#



#31
Carbon tetrachloride
Concen: 1317.244 ug/L
RT: 5.367 min Scan# 1268
Delta R.T. -0.141 min
Lab File: VU062895.D
Acq: 18 Jan 2025 01:15

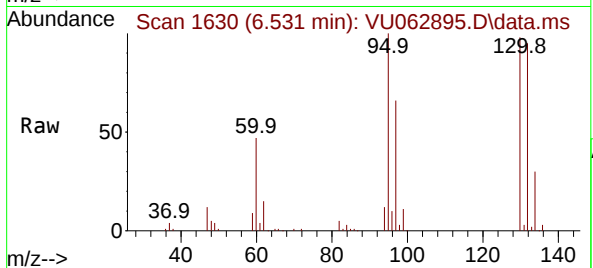
Tgt Ion: 117 Resp: 16816059
Ion Ratio Lower Upper
117 100
119 96.7 78.6 118.0



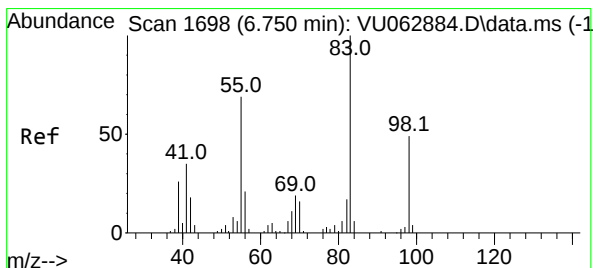
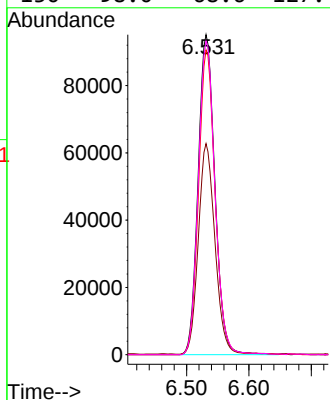
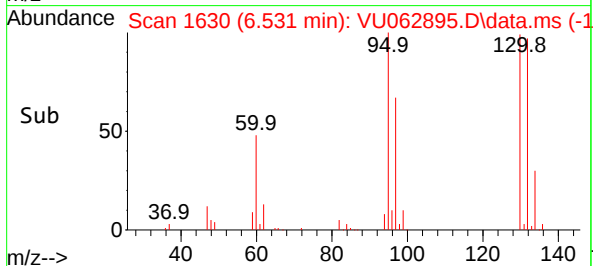


#34
Trichloroethene
Concen: 19.853 ug/L
RT: 6.531 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU062895.D
Acq: 18 Jan 2025 01:15

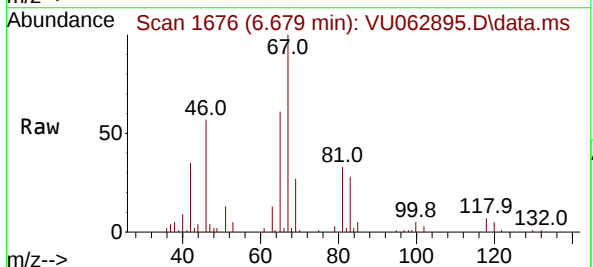
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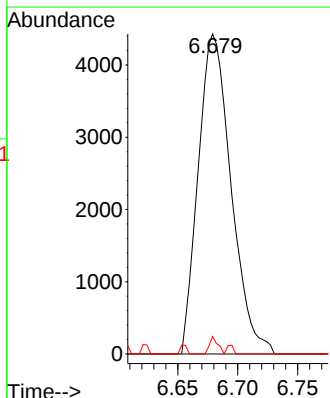
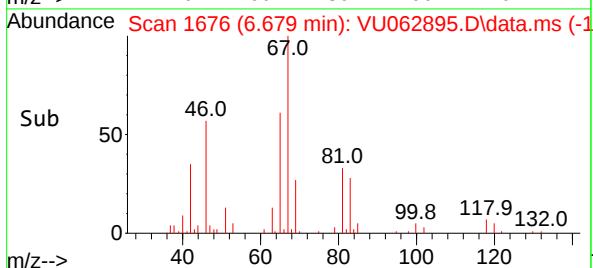
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Ion Ratio Lower Upper
95 100
97 66.0 47.5 88.3
132 95.2 66.9 124.3
130 98.0 68.6 127.4

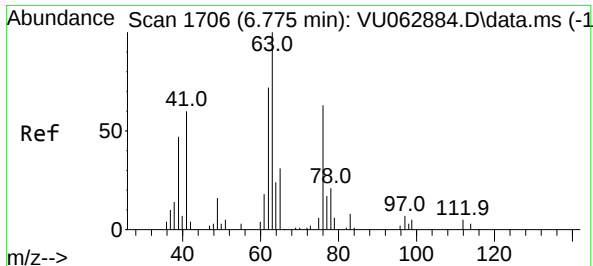


#35
Methylcyclohexane
Concen: 0.762 ug/L
RT: 6.679 min Scan# 1676
Delta R.T. -0.071 min
Lab File: VU062895.D
Acq: 18 Jan 2025 01:15



Tgt Ion: 83 Resp: 8432
Ion Ratio Lower Upper
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55 0.0 57.2 85.8#
98 2.0 36.6 55.0#

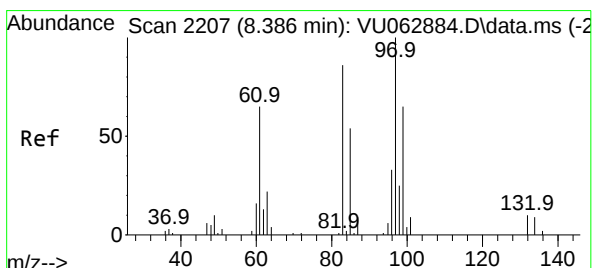
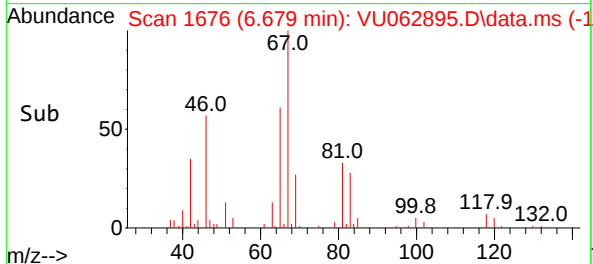
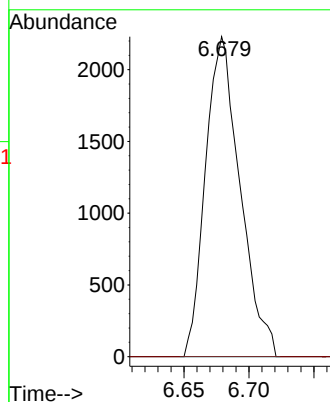
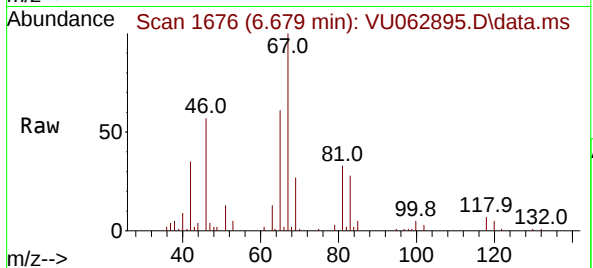




#37
1,2-Dichloropropane
Concen: 0.665 ug/L
RT: 6.679 min Scan# 1
Delta R.T. -0.096 min
Lab File: VU062895.D
Acq: 18 Jan 2025 01:15

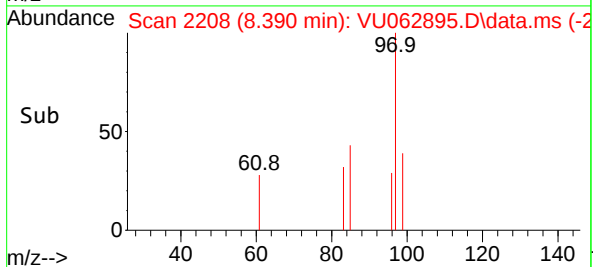
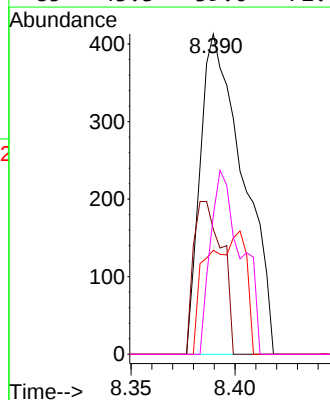
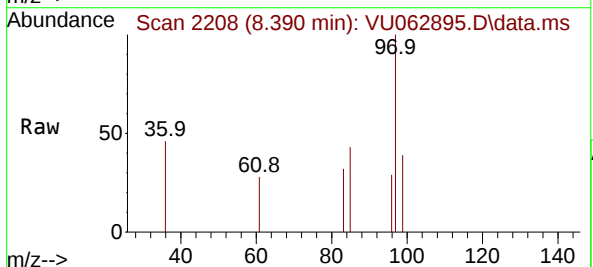
Instrument :
MSVOA_U
ClientSampleId :

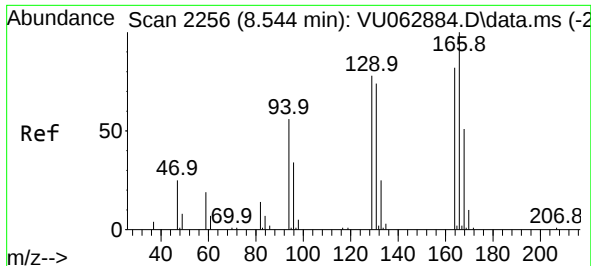
Tgt Ion: 63 Resp: 4128
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#



#45
1,1,2-Trichloroethane
Concen: 0.118 ug/L
RT: 8.390 min Scan# 2208
Delta R.T. 0.003 min
Lab File: VU062895.D
Acq: 18 Jan 2025 01:15

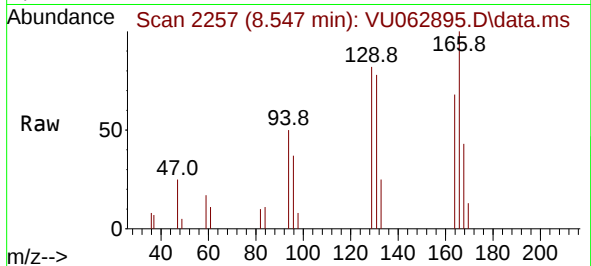
Tgt Ion: 97 Resp: 593
Ion Ratio Lower Upper
97 100
99 39.0 45.6 84.6#
83 32.4 63.0 117.0#
85 43.3 39.0 72.4



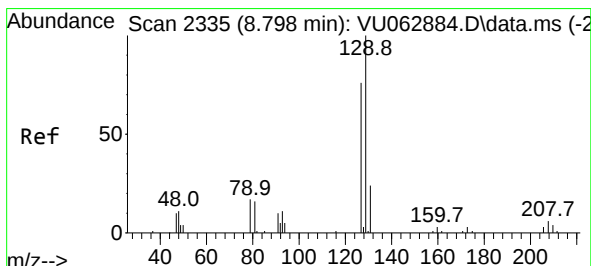
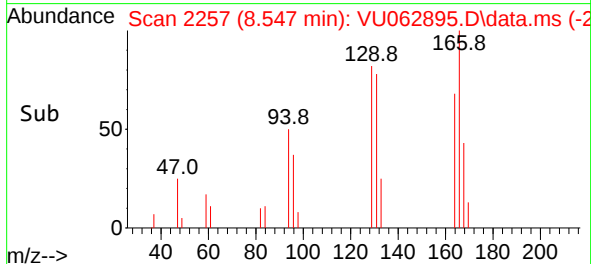
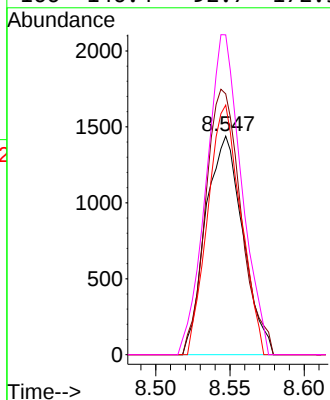


#47
Tetrachloroethene
Concen: 0.408 ug/L
RT: 8.547 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU062895.D
Acq: 18 Jan 2025 01:15

Instrument :
MSVOA_U
ClientSampleId :

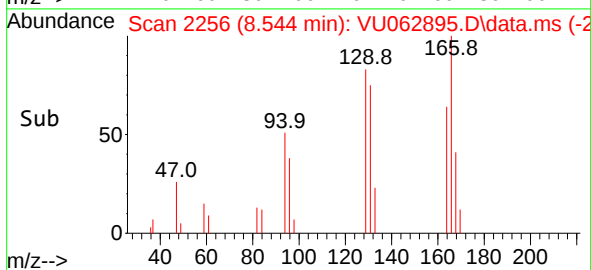
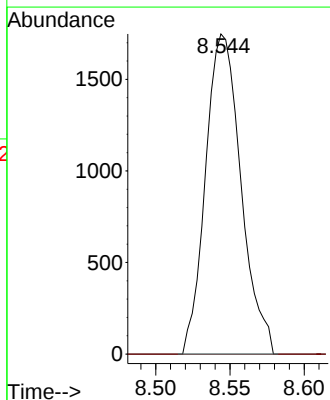
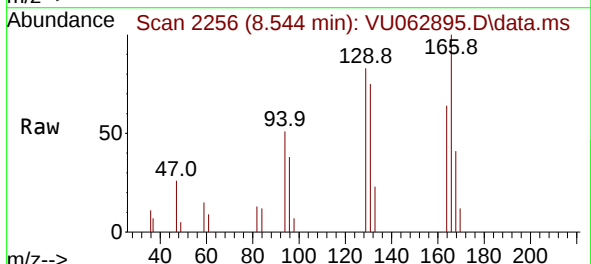


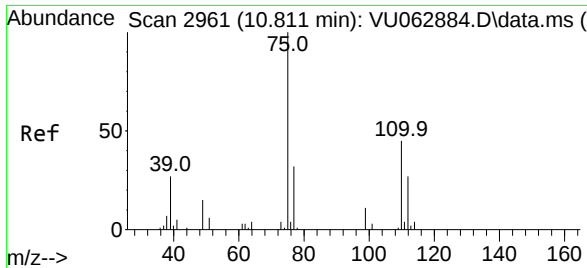
Tgt Ion:	164	Resp:	2524
Ion	Ratio	Lower	Upper
164	100		
129	119.3	71.0	131.9
131	114.2	69.4	129.0
166	146.4	92.7	172.3



#49
Dibromochloromethane
Concen: 0.429 ug/L
RT: 8.544 min Scan# 2256
Delta R.T. -0.254 min
Lab File: VU062895.D
Acq: 18 Jan 2025 01:15

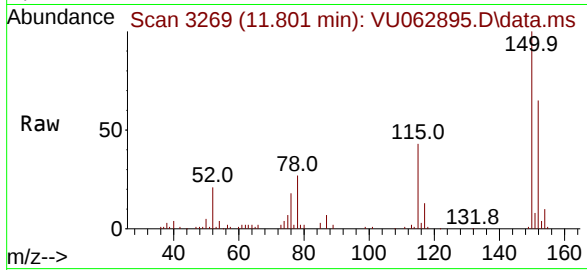
Tgt Ion:	129	Resp:	2904
Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.1	96.9#





#61
 1,2,3-Trichloropropane
 Concen: 1.040 ug/L
 RT: 11.801 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU062895.D
 Acq: 18 Jan 2025 01:15

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 3811
 Ion Ratio Lower Upper
 75 100
 110 0.0 33.2 49.8#
 77 36.6 25.9 38.9

