

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111323\
 Data File : VU056273.D
 Acq On : 14 Nov 2023 00:07
 Operator : MD/SY
 Sample : 05371-14RE
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 14 21:47:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 14 00:08:30 2023
 Response via : Initial Calibration

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

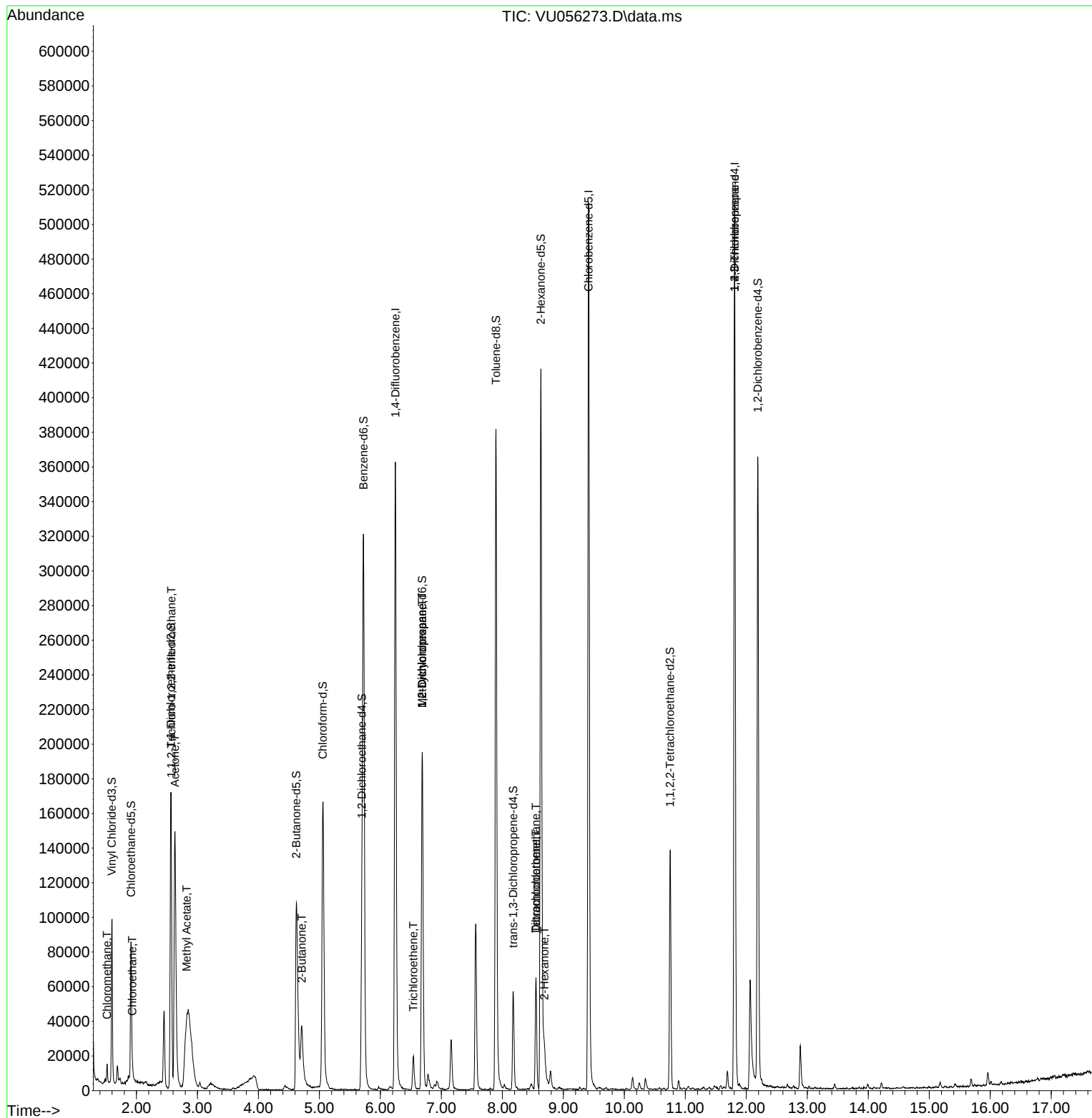
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	299770	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	299088	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	132526	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	66739	2.977	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.600%
7) Chloroethane-d5	1.911	69	57188	3.327	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	66.600%
11) 1,1-Dichloroethene-d2	2.563	65	34298	3.466	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.400%
20) 2-Butanone-d5	4.621	46	184165	41.192	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.380%
24) Chloroform-d	5.055	84	160445	3.700	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.000%
26) 1,2-Dichloroethane-d4	5.695	65	76034	3.794	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.800%
32) Benzene-d6	5.721	84	308491	3.462	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	69.200%#
36) 1,2-Dichloropropane-d6	6.685	67	98903	3.683	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	73.600%
41) Toluene-d8	7.894	98	265743	3.377	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.600%#
43) trans-1,3-Dichloroprop...	8.177	79	34757	3.374	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.400%
46) 2-Hexanone-d5	8.631	63	149626	36.965	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.940%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	71139	3.707	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	74.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	95697	3.909	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	78.200%#
Target Compounds						Qvalue
3) Chloromethane	1.518	50	6791	0.280	ug/L	99
8) Chloroethane	1.933	64	3437	0.241	ug/L #	80
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	3645	0.182	ug/L #	76
13) Acetone	2.631	43	208403	54.729	ug/L	99
15) Methyl Acetate	2.824	43	12140	1.791	ug/L #	49
21) 2-Butanone	4.711	43	57049	11.546	ug/L	99
34) Trichloroethene	6.541	95	6760	0.291	ug/L #	82
35) Methylcyclohexane	6.685	83	23583	0.703	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	9777	0.439	ug/L #	88
47) Tetrachloroethene	8.550	164	13016	0.830	ug/L	97
48) 2-Hexanone	8.689	43	15914	1.852	ug/L #	86
49) Dibromochloromethane	8.550	129	13118	0.778	ug/L #	12
61) 1,2,3-Trichloropropane	11.807	75	18305	1.610	ug/L #	66

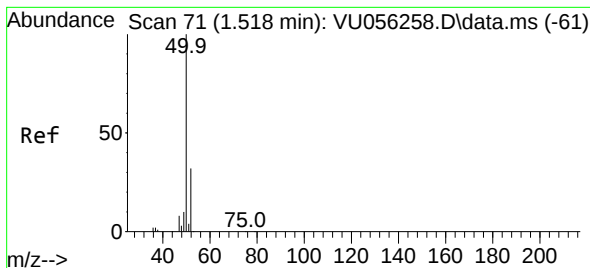
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.280 ug/L

RT: 1.518 min Scan# 71

Delta R.T. 0.000 min

Lab File: VU056273.D

Acq: 14 Nov 2023 00:07

Instrument :

MSVOA_U

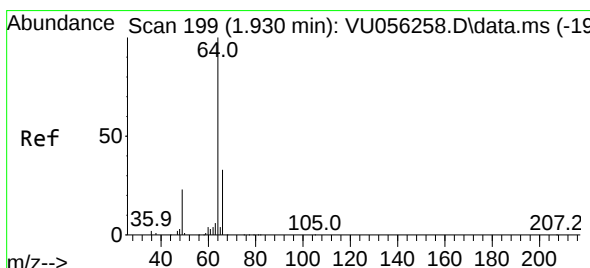
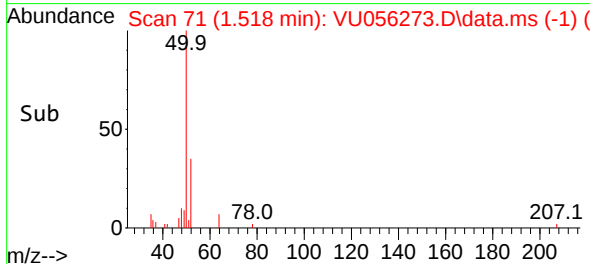
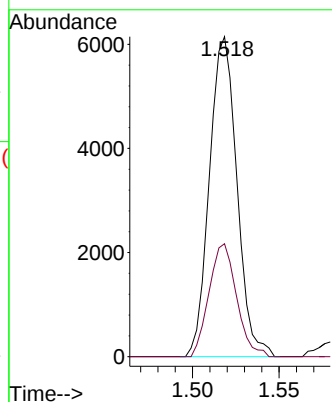
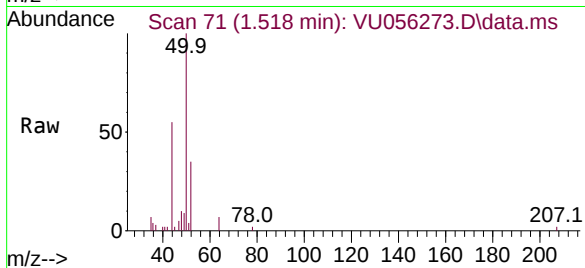
ClientSampleId :

Tgt Ion: 50 Resp: 6791

Ion Ratio Lower Upper

50 100

52 35.3 24.3 45.1



#8

Chloroethane

Concen: 0.241 ug/L

RT: 1.933 min Scan# 200

Delta R.T. 0.003 min

Lab File: VU056273.D

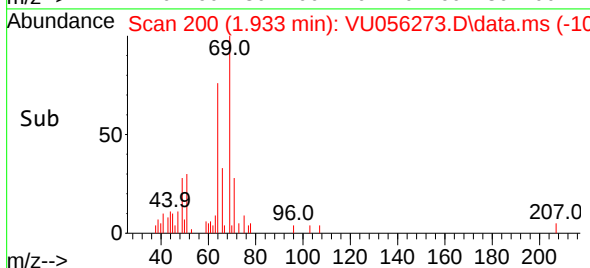
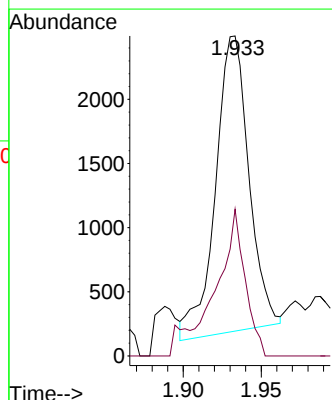
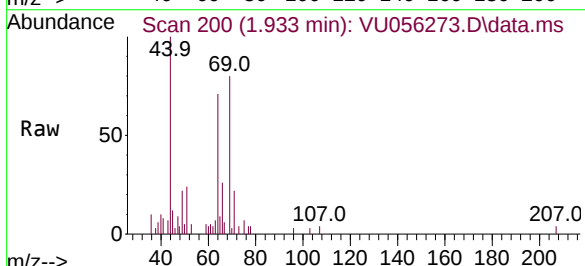
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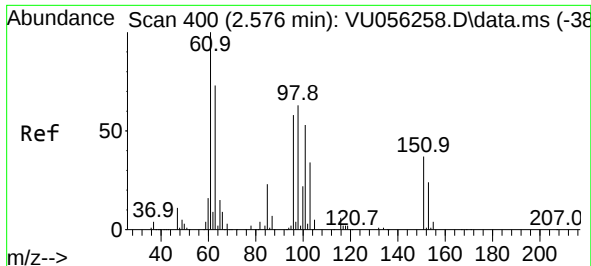
Tgt Ion: 64 Resp: 3437

Ion Ratio Lower Upper

64 100

66 45.8 23.9 44.5#

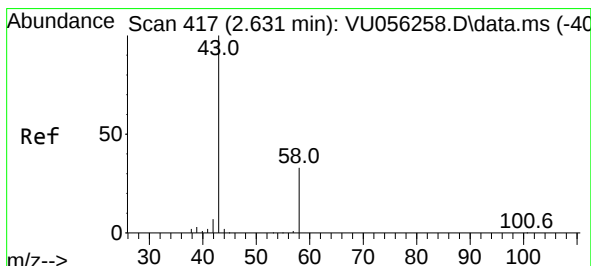
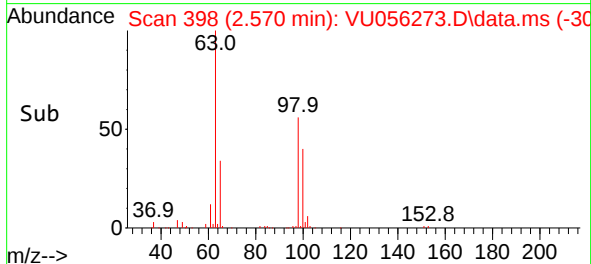
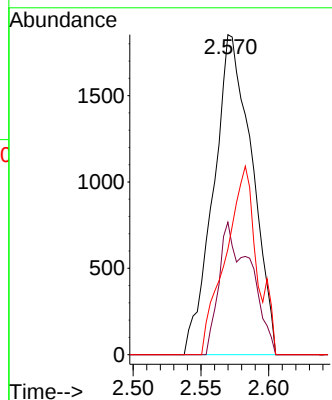
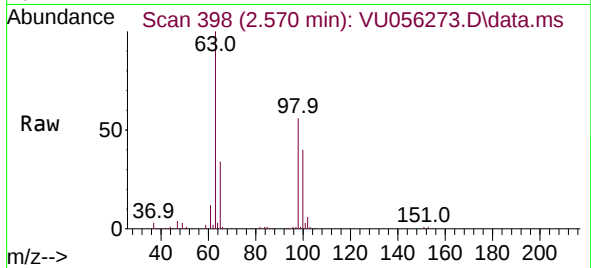




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.182 ug/L
RT: 2.570 min Scan# 398
Delta R.T. -0.006 min
Lab File: VU056273.D
Acq: 14 Nov 2023 00:07

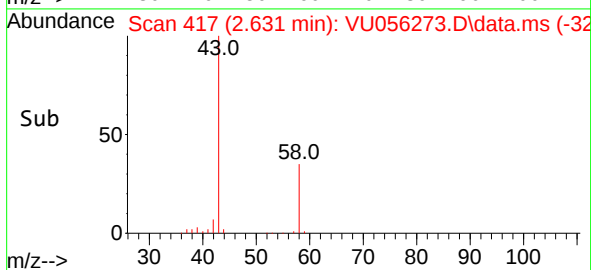
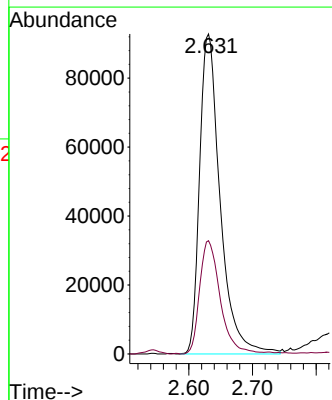
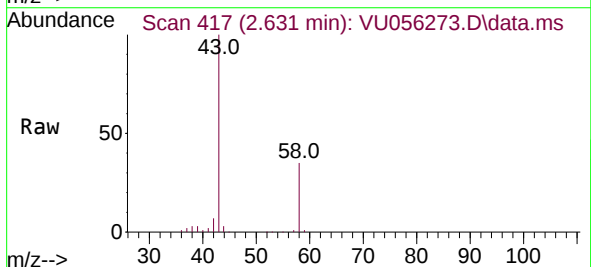
Instrument :
MSVOA_U
ClientSampleId :

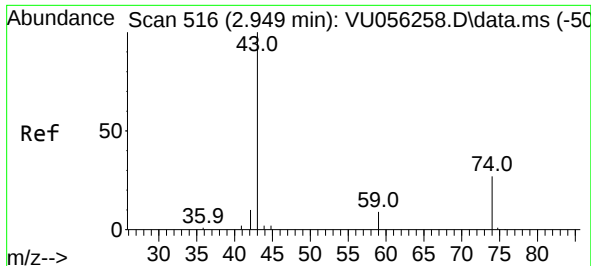
Tgt Ion:101 Resp: 3645
Ion Ratio Lower Upper
101 100
85 34.1 35.4 53.0#
151 48.4 58.0 87.0#



#13
Acetone
Concen: 54.729 ug/L
RT: 2.631 min Scan# 417
Delta R.T. 0.000 min
Lab File: VU056273.D
Acq: 14 Nov 2023 00:07

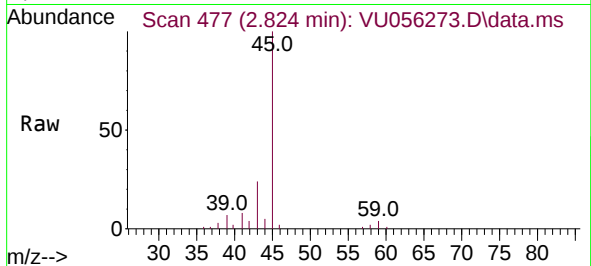
Tgt Ion: 43 Resp: 208403
Ion Ratio Lower Upper
43 100
58 35.4 0.0 70.0



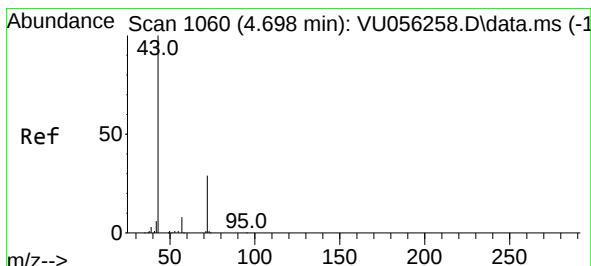
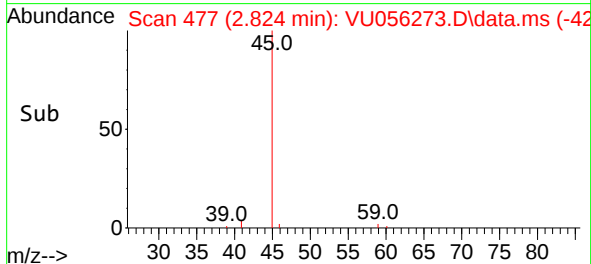
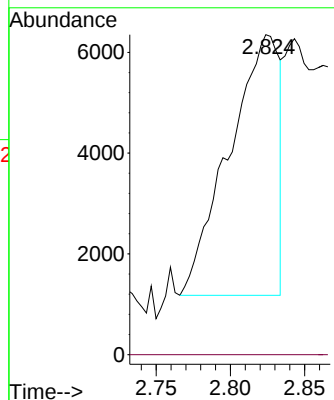


#15
Methyl Acetate
Concen: 1.791 ug/L
RT: 2.824 min Scan# 41
Delta R.T. -0.125 min
Lab File: VU056273.D
Acq: 14 Nov 2023 00:07

Instrument :
MSVOA_U
ClientSampleId :

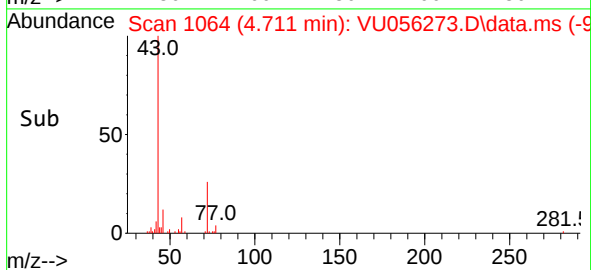
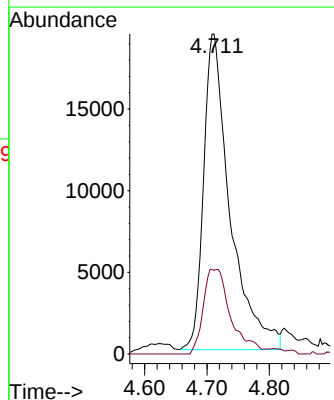
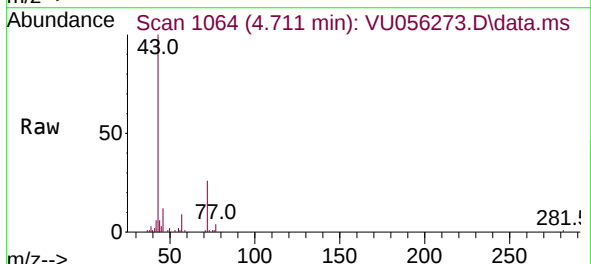


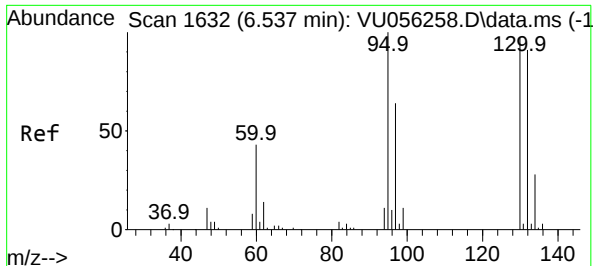
Tgt Ion: 43 Resp: 12140
Ion Ratio Lower Upper
43 100
74 0.0 20.6 31.0#



#21
2-Butanone
Concen: 11.546 ug/L
RT: 4.711 min Scan# 1064
Delta R.T. 0.013 min
Lab File: VU056273.D
Acq: 14 Nov 2023 00:07

Tgt Ion: 43 Resp: 57049
Ion Ratio Lower Upper
43 100
72 27.8 14.2 42.6

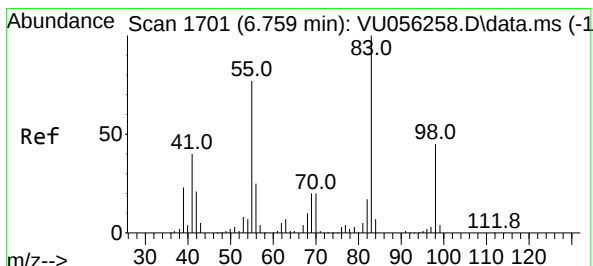
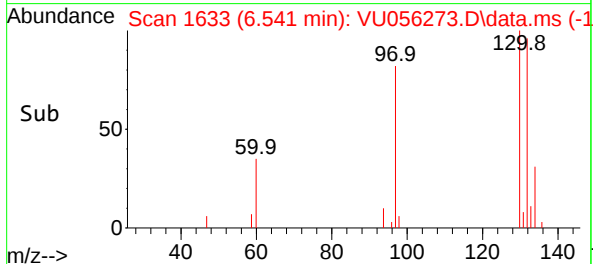
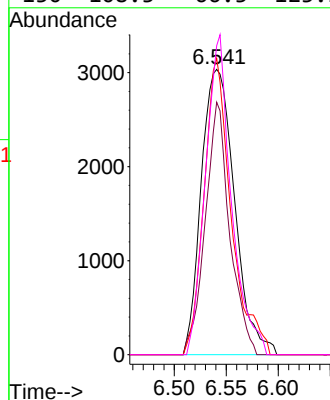
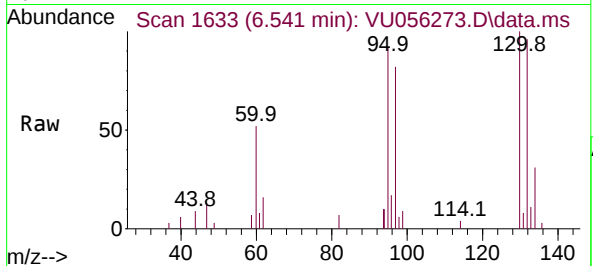




#34
Trichloroethene
Concen: 0.291 ug/L
RT: 6.541 min Scan# 1678
Delta R.T. 0.003 min
Lab File: VU056273.D
Acq: 14 Nov 2023 00:07

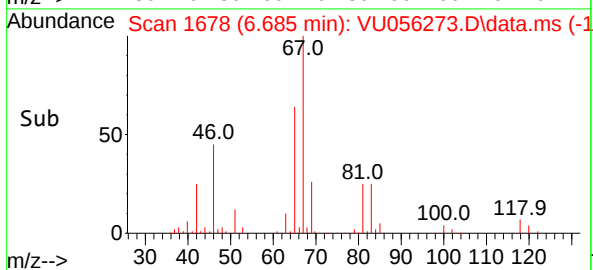
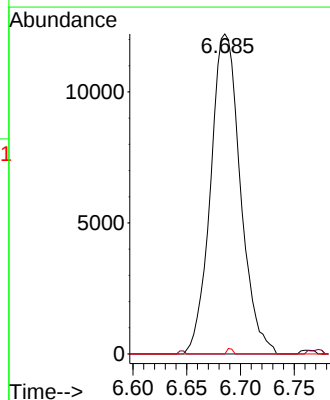
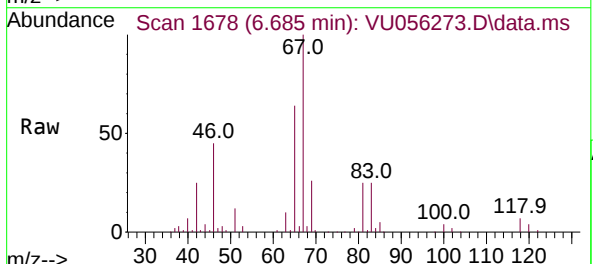
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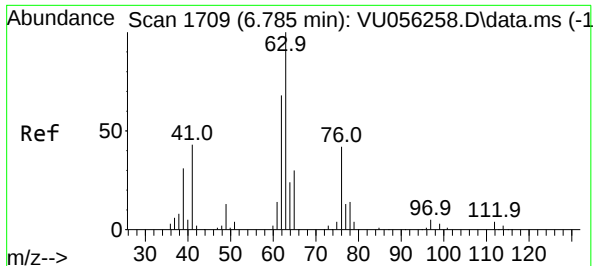
Tgt Ion: 95 Resp: 6760
Ion Ratio Lower Upper
95 100
97 88.5 46.5 86.3#
132 103.9 62.0 115.2
130 108.3 66.3 123.1



#35
Methylcyclohexane
Concen: 0.703 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU056273.D
Acq: 14 Nov 2023 00:07

Tgt Ion: 83 Resp: 23583
Ion Ratio Lower Upper
83 100
55 0.2 62.9 94.3#
98 0.3 35.3 52.9#

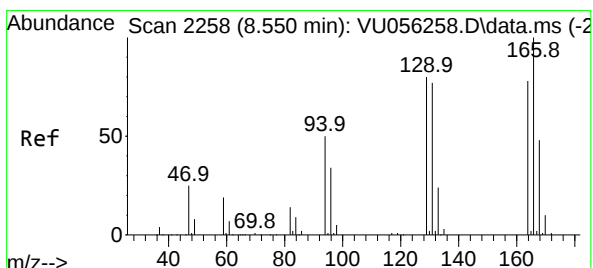
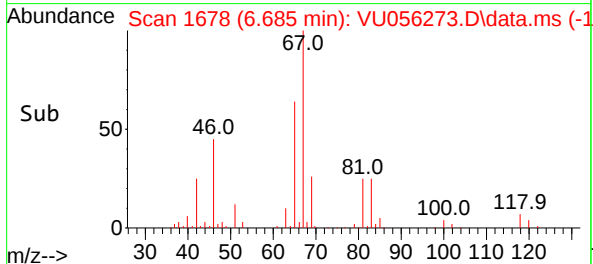
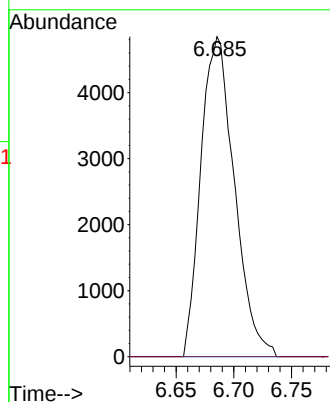
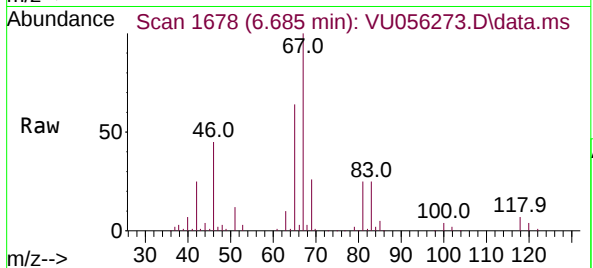




#37
1,2-Dichloropropane
Concen: 0.439 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU056273.D
Acq: 14 Nov 2023 00:07

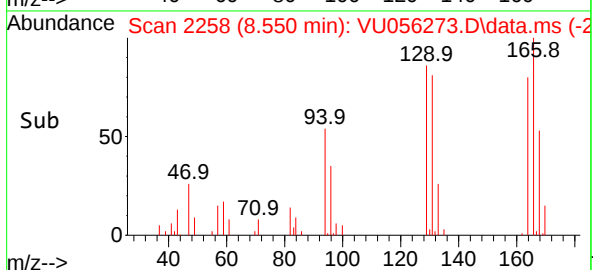
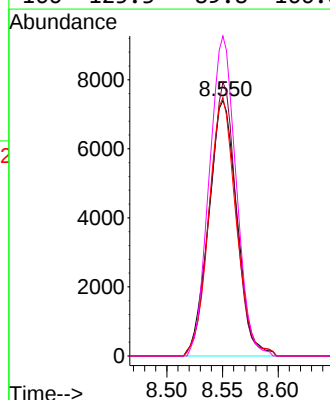
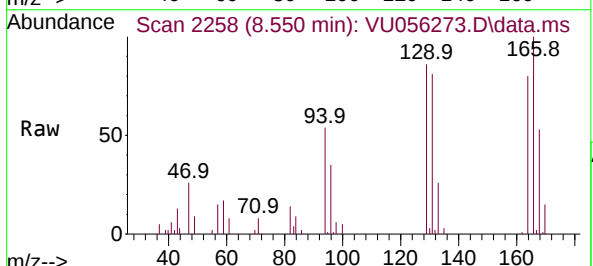
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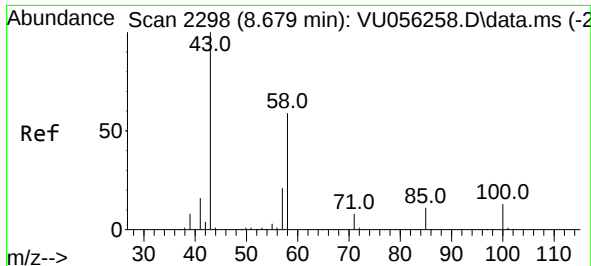
Tgt Ion: 63 Resp: 9777
Ion Ratio Lower Upper
63 100
112 0.2 3.2 4.8#



#47
Tetrachloroethene
Concen: 0.830 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. 0.000 min
Lab File: VU056273.D
Acq: 14 Nov 2023 00:07

Tgt Ion:164 Resp: 13016
Ion Ratio Lower Upper
164 100
129 107.1 71.0 131.9
131 101.2 70.3 130.7
166 125.3 89.8 166.8

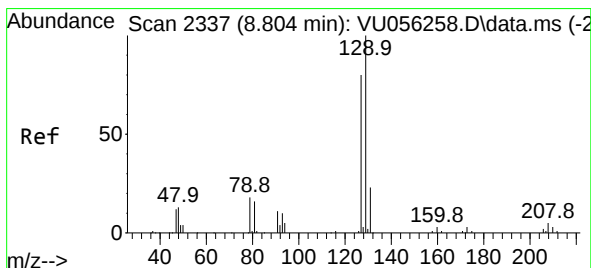
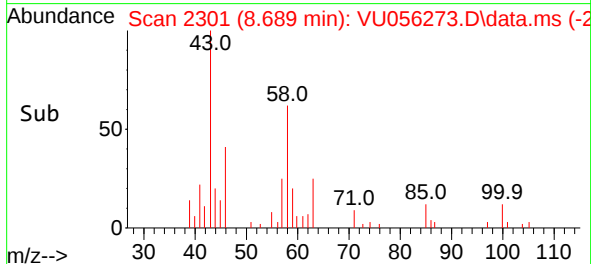
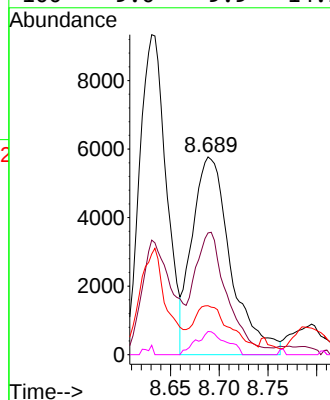
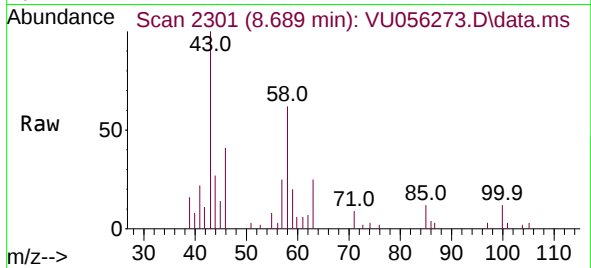




#48
2-Hexanone
Concen: 1.852 ug/L
RT: 8.689 min Scan# 21
Delta R.T. 0.010 min
Lab File: VU056273.D
Acq: 14 Nov 2023 00:07

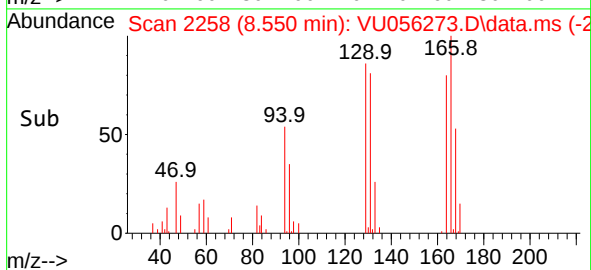
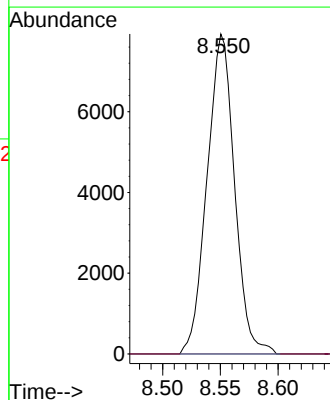
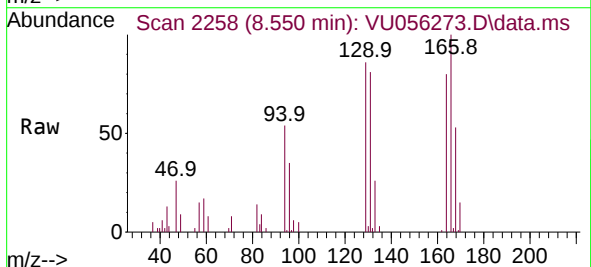
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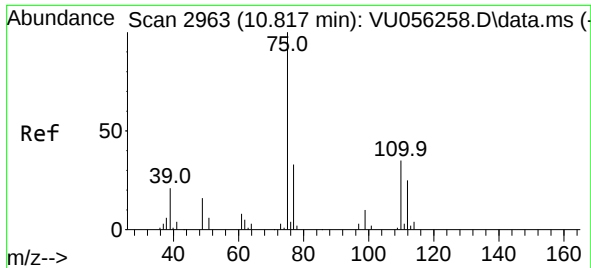
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Ion Ratio	Lower Upper
43	100
58	47.7 48.7 73.1#
57	24.3 16.8 25.2
100	9.0 9.9 14.9#



#49
Dibromochloromethane
Concen: 0.778 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.254 min
Lab File: VU056273.D
Acq: 14 Nov 2023 00:07

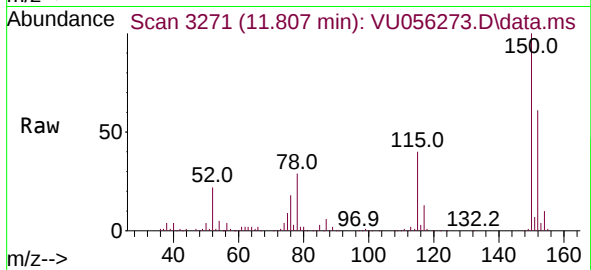
Tgt Ion: 129	Resp: 13118
Ion Ratio	Lower Upper
129	100
127	0.0 52.9 98.3#





#61
1,2,3-Trichloropropane
Concen: 1.610 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.990 min
Lab File: VU056273.D
Acq: 14 Nov 2023 00:07

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
110	1.5	30.4	45.6#
77	31.2	27.0	40.6

