

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122623\
 Data File : VU057249.D
 Acq On : 26 Dec 2023 21:12
 Operator : MD/SY
 Sample : 05976-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 26 23:44:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 26 23:39:51 2023
 Response via : Initial Calibration

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

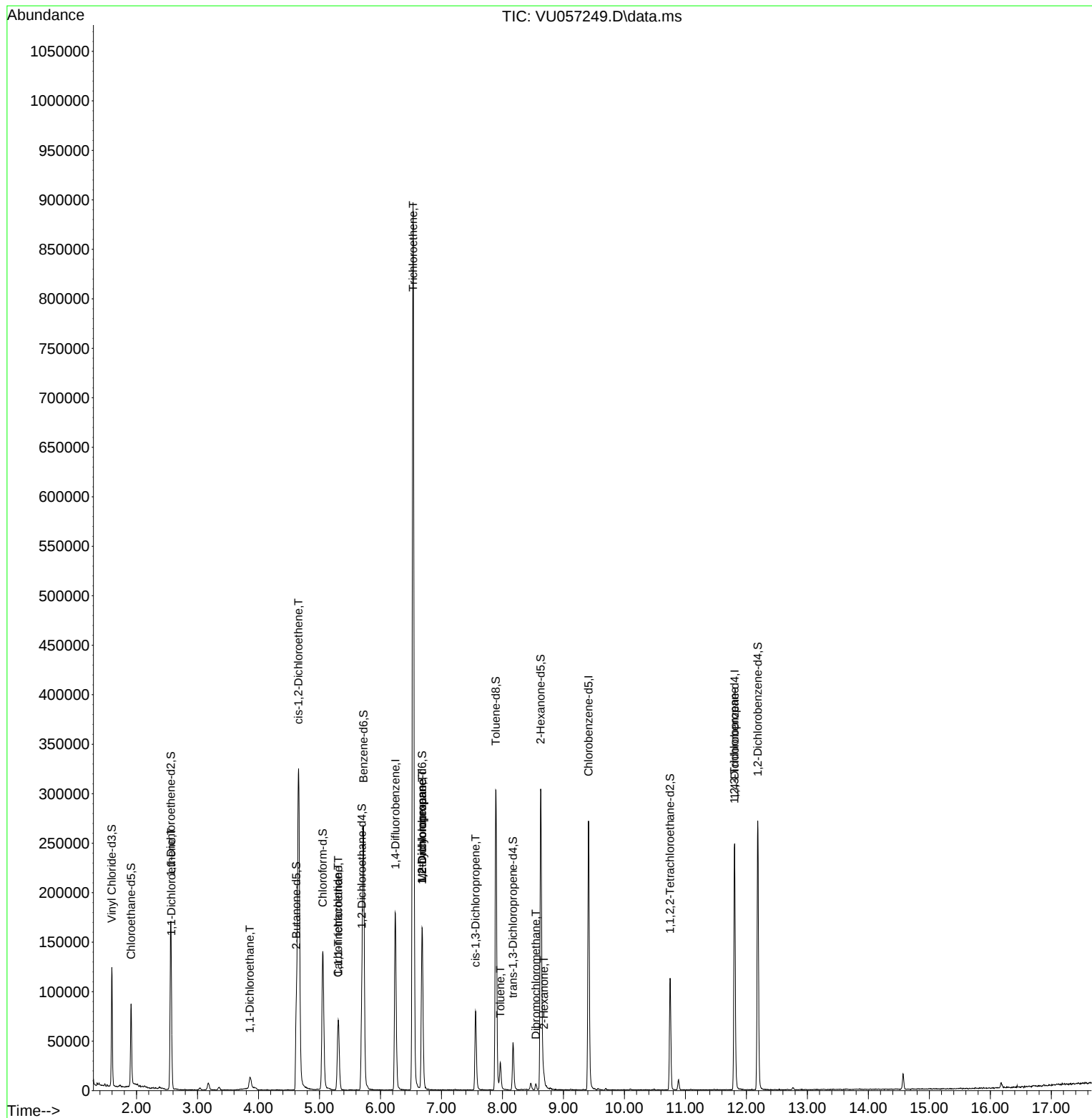
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	144877	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	151534	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	65354	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	84524	6.104	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	122.000%
7) Chloroethane-d5	1.911	69	63071	5.533	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.600%
11) 1,1-Dichloroethene-d2	2.563	65	31896	5.316	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	106.400%
20) 2-Butanone-d5	4.621	46	133981	61.625	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.240%
24) Chloroform-d	5.055	84	132985	4.973	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
26) 1,2-Dichloroethane-d4	5.695	65	65075	5.106	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.200%
32) Benzene-d6	5.721	84	254244	4.892	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
36) 1,2-Dichloropropane-d6	6.682	67	79335	5.364	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.200%
41) Toluene-d8	7.891	98	212527	4.479	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%
43) trans-1,3-Dichloroprop...	8.174	79	29824	4.844	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.800%
46) 2-Hexanone-d5	8.627	63	102584	48.937	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.880%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	57338	5.448	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	70978	5.047	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.000%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.573	96	3327	0.307	ug/L #	1
19) 1,1-Dichloroethane	3.859	63	13749	0.656	ug/L	98
22) cis-1,2-Dichloroethene	4.657	96	167744	14.421	ug/L	97
29) 1,1,1-Trichloroethane	5.309	97	52378	2.175	ug/L	99
31) Carbon tetrachloride	5.306	117	5873	0.277	ug/L	91
34) Trichloroethene	6.534	95	321049	22.854	ug/L	98
35) Methylcyclohexane	6.682	83	19227	1.040	ug/L #	19
37) 1,2-Dichloropropane	6.685	63	9002	0.753	ug/L #	88
39) cis-1,3-Dichloropropene	7.560	75	2268	0.126	ug/L #	68
42) Toluene	7.965	91	19686	0.387	ug/L	97
48) 2-Hexanone	8.682	43	3181	0.832	ug/L #	89
49) Dibromochloromethane	8.550	129	1401	0.131	ug/L #	10
61) 1,2,3-Trichloropropane	11.804	75	8303	1.364	ug/L #	62

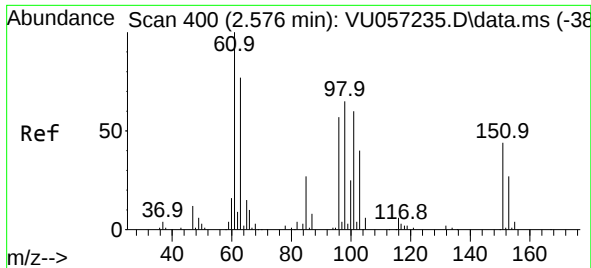
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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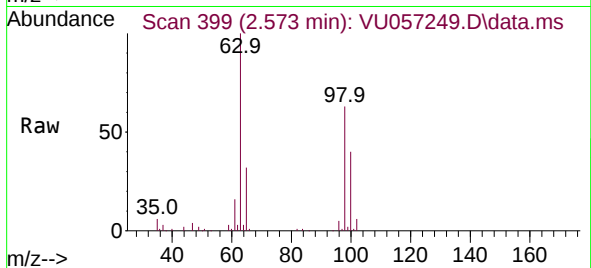
Quant Time: Dec 26 23:44:43 2023
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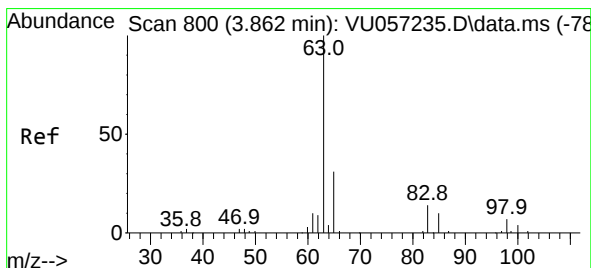
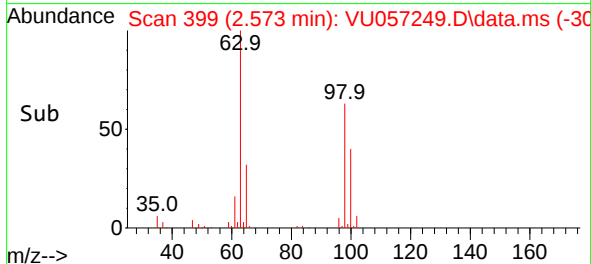
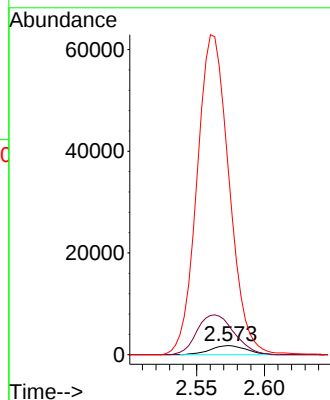


#12
1,1-Dichloroethene
Concen: 0.307 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.003 min
Lab File: VU057249.D
Acq: 26 Dec 2023 21:12

Instrument :
MSVOA_U
ClientSampleId :

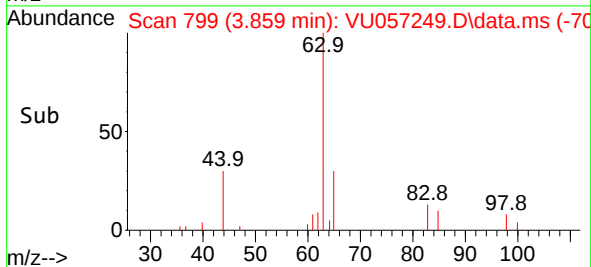
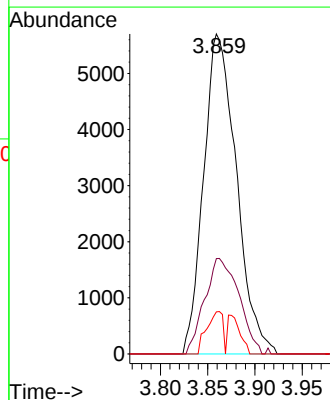
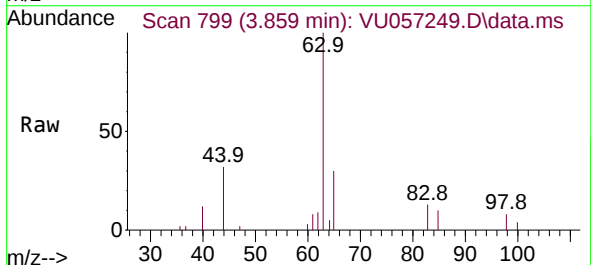


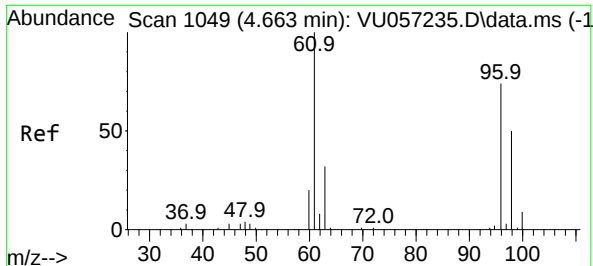
Tgt Ion: 96 Resp: 3327
Ion Ratio Lower Upper
96 100
61 335.3 119.6 222.0#
63 2091.8 96.2 178.8#



#19
1,1-Dichloroethane
Concen: 0.656 ug/L
RT: 3.859 min Scan# 799
Delta R.T. -0.003 min
Lab File: VU057249.D
Acq: 26 Dec 2023 21:12

Tgt Ion: 63 Resp: 13749
Ion Ratio Lower Upper
63 100
65 29.8 21.6 40.2
83 13.1 10.2 19.0

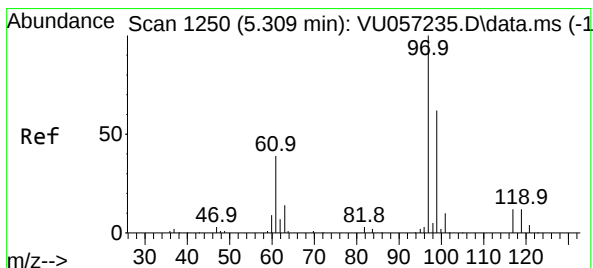
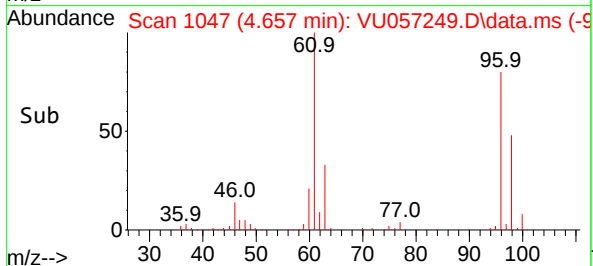
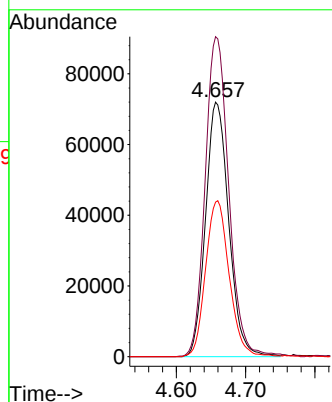
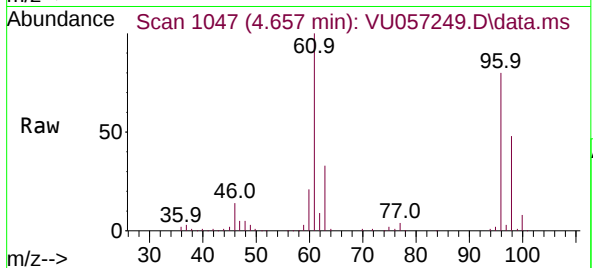




#22
 cis-1,2-Dichloroethene
 Concen: 14.421 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. -0.006 min
 Lab File: VU057249.D
 Acq: 26 Dec 2023 21:12

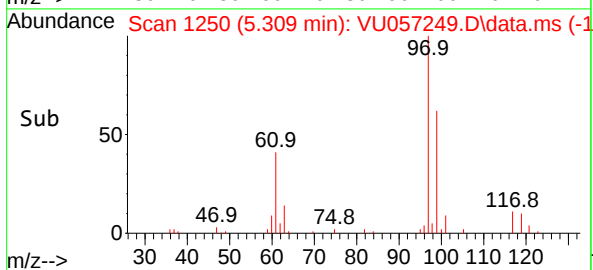
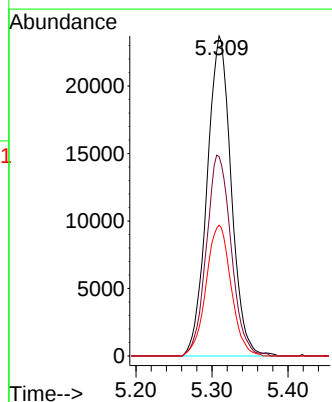
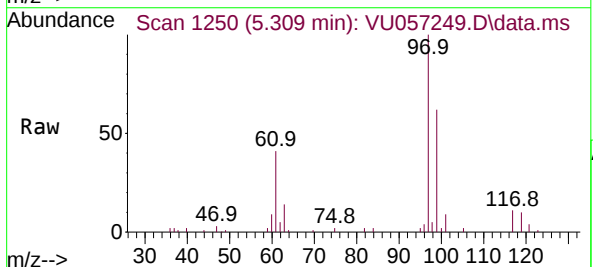
Instrument :
 MSVOA_U
 ClientSampleId :

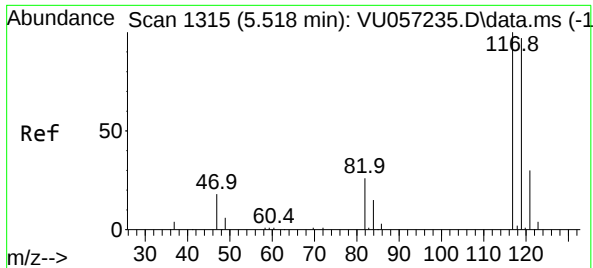
Tgt Ion: 96 Resp: 167744
 Ion Ratio Lower Upper
 96 100
 61 125.7 86.8 161.2
 98 60.7 45.5 84.5



#29
 1,1,1-Trichloroethane
 Concen: 2.175 ug/L
 RT: 5.309 min Scan# 1250
 Delta R.T. -0.000 min
 Lab File: VU057249.D
 Acq: 26 Dec 2023 21:12

Tgt Ion: 97 Resp: 52378
 Ion Ratio Lower Upper
 97 100
 99 64.4 51.2 76.8
 61 42.2 32.5 48.7

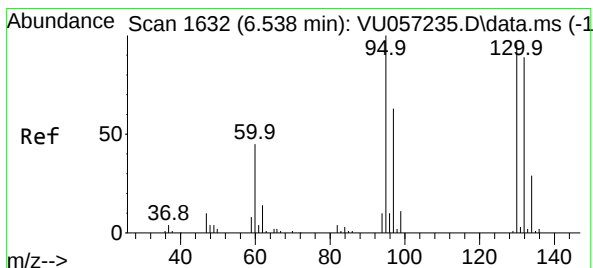
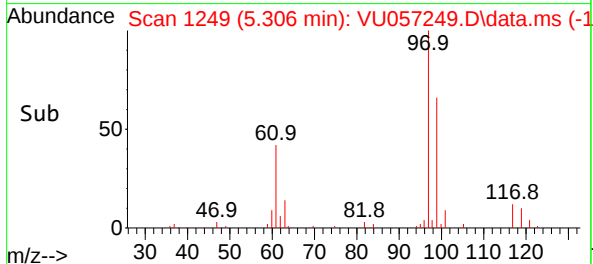
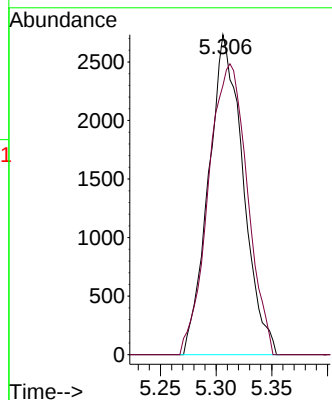
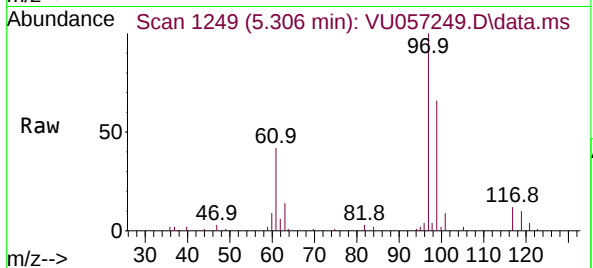




#31
Carbon tetrachloride
Concen: 0.277 ug/L
RT: 5.306 min Scan# 117
Delta R.T. -0.212 min
Lab File: VU057249.D
Acq: 26 Dec 2023 21:12

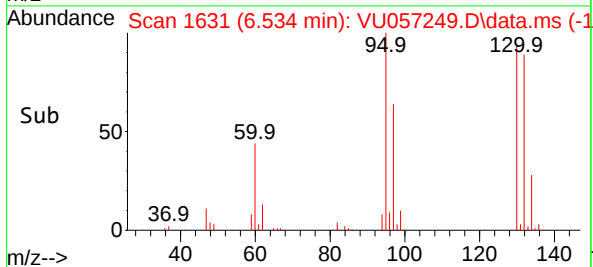
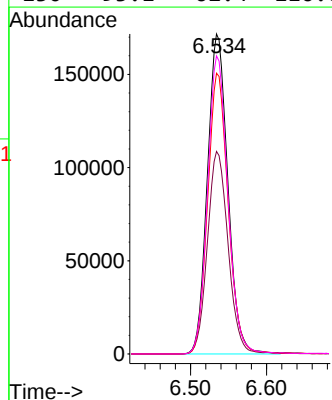
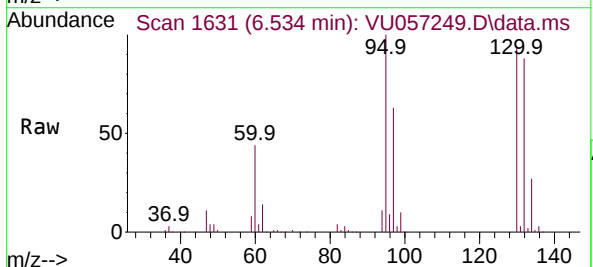
Instrument :
MSVOA_U
ClientSampleId :

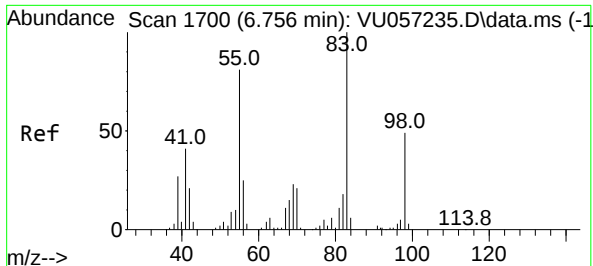
Tgt Ion:117 Resp: 5873
Ion Ratio Lower Upper
117 100
119 102.7 75.1 112.7



#34
Trichloroethene
Concen: 22.854 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.003 min
Lab File: VU057249.D
Acq: 26 Dec 2023 21:12

Tgt Ion: 95 Resp: 321049
Ion Ratio Lower Upper
95 100
97 63.3 44.3 82.3
132 87.8 62.6 116.2
130 93.1 62.4 116.0





#35

Methylcyclohexane

Concen: 1.040 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU057249.D

Acq: 26 Dec 2023 21:12

Instrument :

MSVOA_U

ClientSampleId :

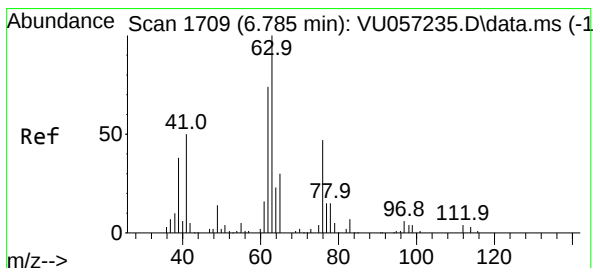
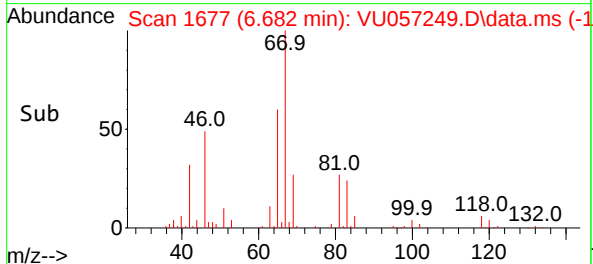
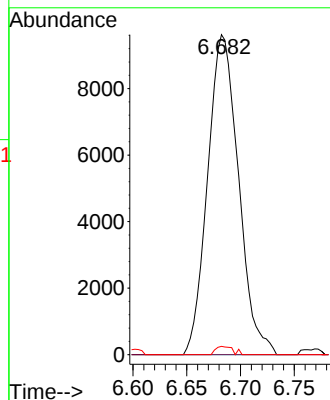
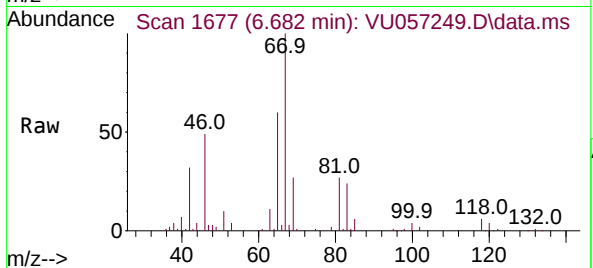
Tgt Ion: 83 Resp: 19227

Ion Ratio Lower Upper

83 100

55 0.0 61.3 91.9#

98 1.4 36.6 55.0#



#37

1,2-Dichloropropane

Concen: 0.753 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.100 min

Lab File: VU057249.D

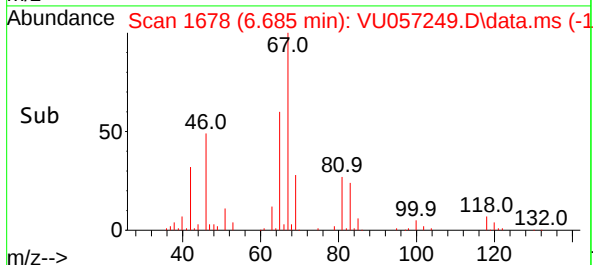
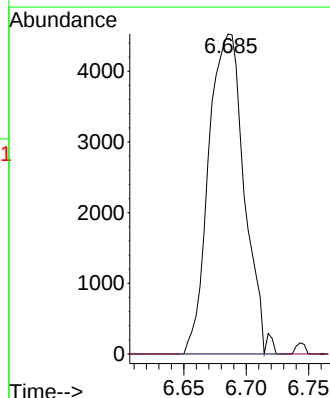
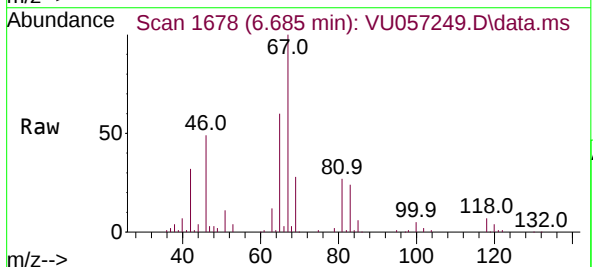
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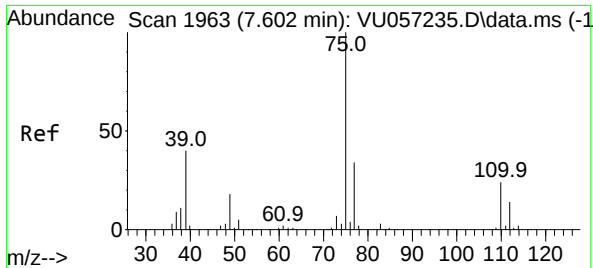
Tgt Ion: 63 Resp: 9002

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#





#39

cis-1,3-Dichloropropene

Concen: 0.126 ug/L

RT: 7.560 min Scan# 1963

Delta R.T. -0.042 min

Lab File: VU057249.D

Acq: 26 Dec 2023 21:12

Instrument :

MSVOA_U

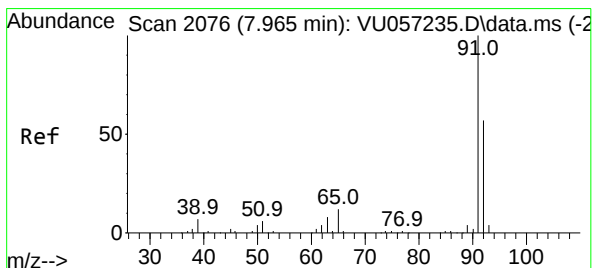
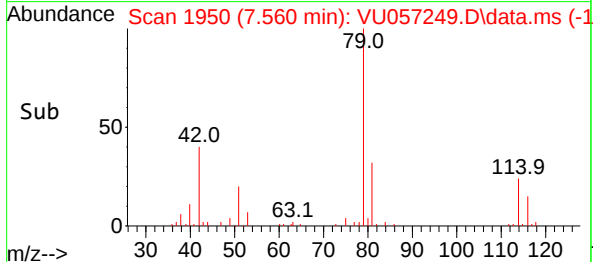
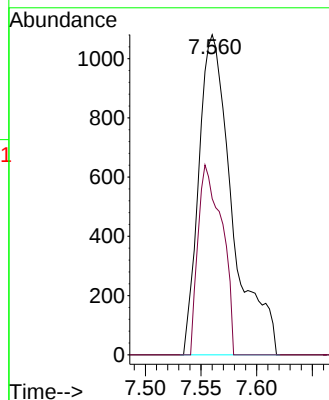
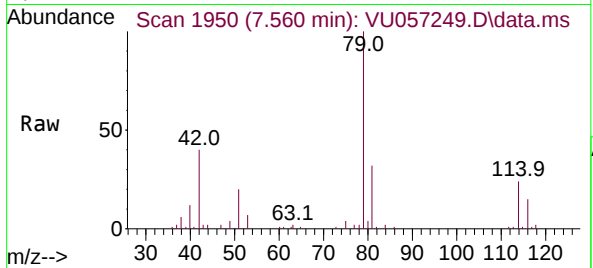
ClientSampleId :

Tgt Ion: 75 Resp: 2268

Ion Ratio Lower Upper

75 100

77 48.8 21.8 40.4#



#42

Toluene

Concen: 0.387 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. -0.000 min

Lab File: VU057249.D

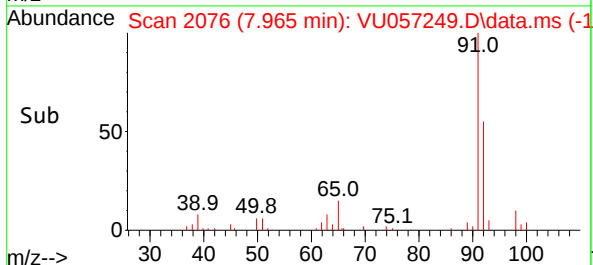
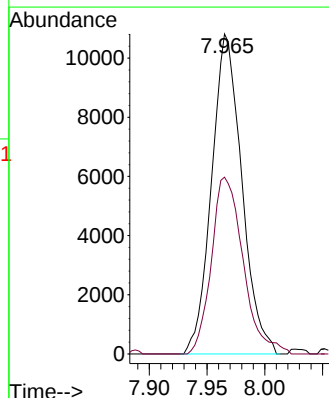
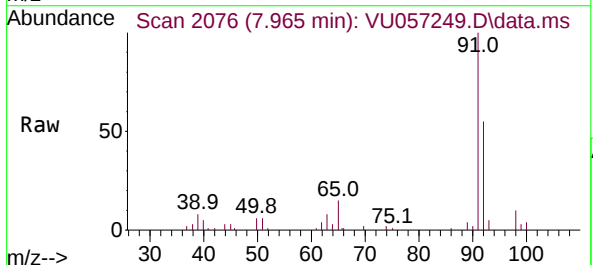
Acq: 26 Dec 2023 21:12

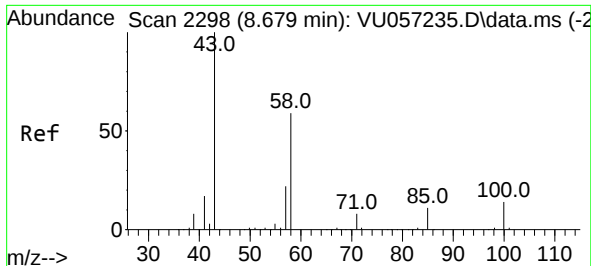
Tgt Ion: 91 Resp: 19686

Ion Ratio Lower Upper

91 100

92 55.2 40.5 75.1





#48

2-Hexanone

Concen: 0.832 ug/L

RT: 8.682 min Scan# 21

Delta R.T. 0.003 min

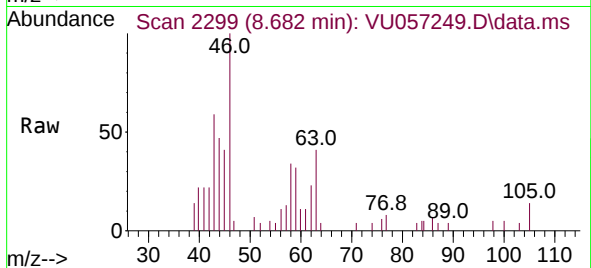
Lab File: VU057249.D

Acq: 26 Dec 2023 21:12

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 3181

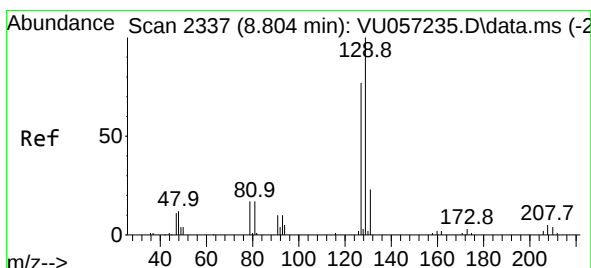
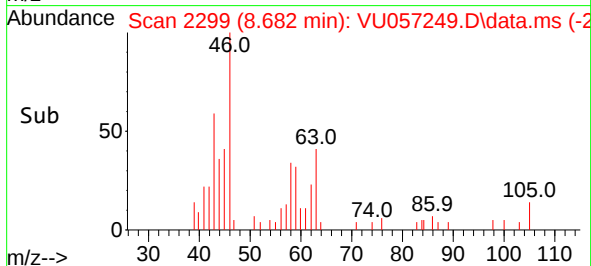
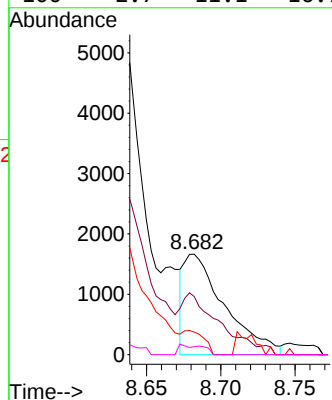
Ion Ratio Lower Upper

43 100

58 59.6 49.8 74.8

57 12.0 18.5 27.7#

100 2.7 11.1 16.7#



#49

Dibromochloromethane

Concen: 0.131 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. -0.254 min

Lab File: VU057249.D

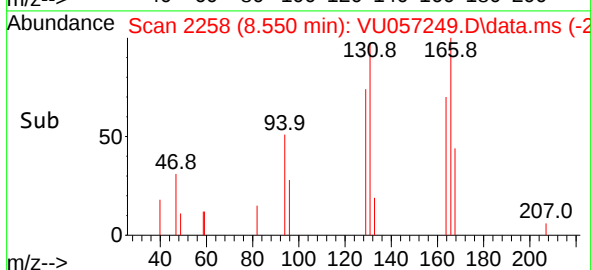
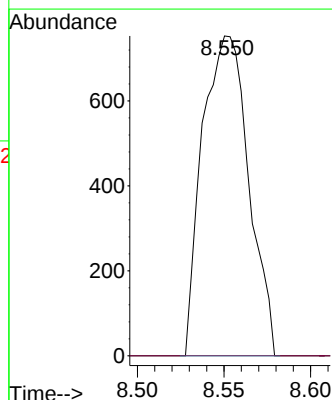
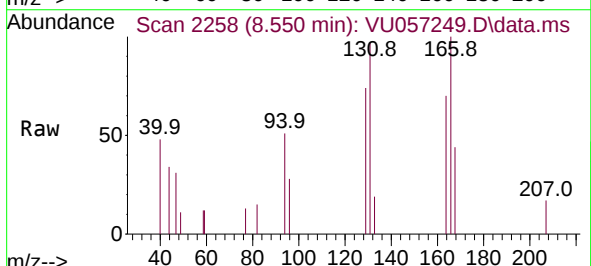
Acq: 26 Dec 2023 21:12

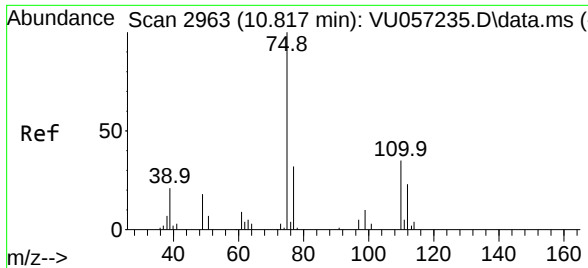
Tgt Ion: 129 Resp: 1401

Ion Ratio Lower Upper

129 100

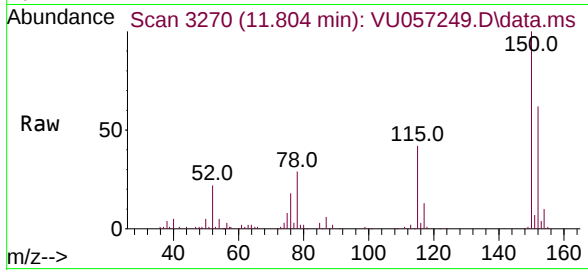
127 0.0 55.2 102.6#





#61
 1,2,3-Trichloropropane
 Concen: 1.364 ug/L
 RT: 11.804 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU057249.D
 Acq: 26 Dec 2023 21:12

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	75	Resp:	8303
Ion	Ratio	Lower	Upper
75	100		
110	0.3	31.2	46.8#
77	36.0	25.5	38.3

