

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122223\
 Data File : VU057209.D
 Acq On : 22 Dec 2023 23:00
 Operator : MD/SY
 Sample : 05927-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 23 00:08:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 22 22:46:58 2023
 Response via : Initial Calibration

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

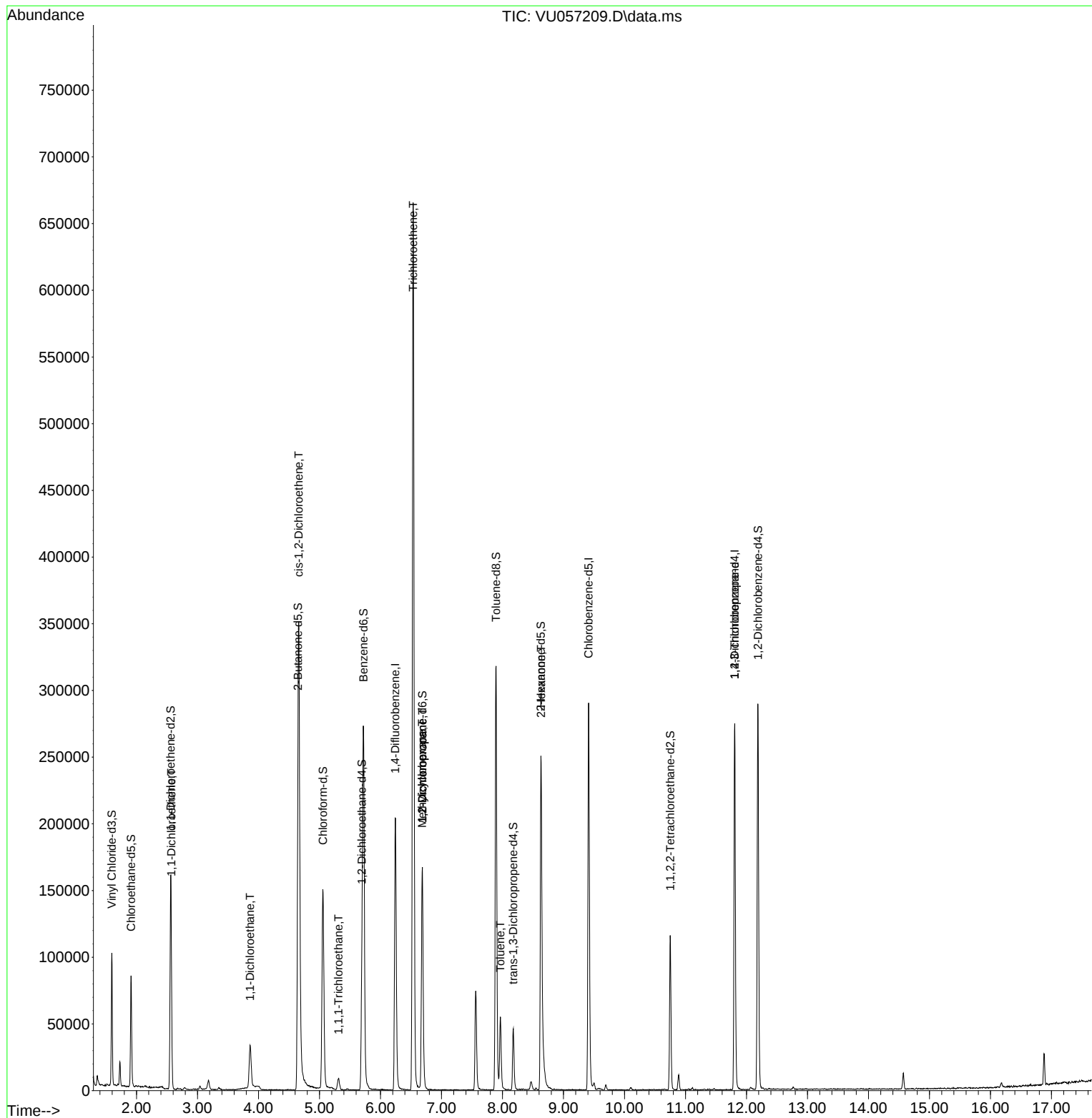
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	164956	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	165535	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	72090	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	67319	4.270	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.400%
7) Chloroethane-d5	1.911	69	61556	4.743	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.800%
11) 1,1-Dichloroethene-d2	2.560	65	29945	4.384	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.600%
20) 2-Butanone-d5	4.647	46	93773	37.881	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.760%
24) Chloroform-d	5.055	84	144736	4.754	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
26) 1,2-Dichloroethane-d4	5.695	65	68277	4.705	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
32) Benzene-d6	5.721	84	262334	4.621	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.400%
36) 1,2-Dichloropropane-d6	6.685	67	78934	4.885	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.800%
41) Toluene-d8	7.894	98	216690	4.180	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.600%
43) trans-1,3-Dichloroprop...	8.177	79	28636	4.258	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.200%
46) 2-Hexanone-d5	8.630	63	88816	38.785	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.580%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	56058	4.876	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	77008	4.964	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.200%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.570	96	2737	0.222	ug/L #	1
19) 1,1-Dichloroethane	3.862	63	37670	1.578	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	166198	12.549	ug/L	97
29) 1,1,1-Trichloroethane	5.312	97	7166	0.272	ug/L #	86
34) Trichloroethene	6.534	95	237919	15.504	ug/L	98
35) Methylcyclohexane	6.682	83	19953	0.988	ug/L #	18
37) 1,2-Dichloropropane	6.685	63	9027	0.692	ug/L #	90
42) Toluene	7.965	91	40306	0.725	ug/L	93
48) 2-Hexanone	8.634	43	11293	2.705	ug/L #	74
61) 1,2,3-Trichloropropane	11.807	75	8710	1.297	ug/L #	68

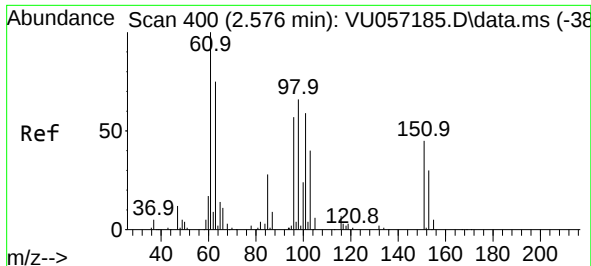
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.222 ug/L

RT: 2.570 min Scan# 398

Delta R.T. -0.007 min

Lab File: VU057209.D

Acq: 22 Dec 2023 23:00

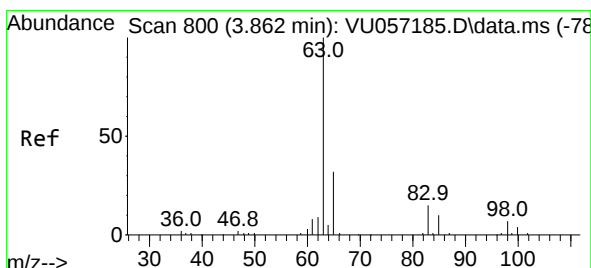
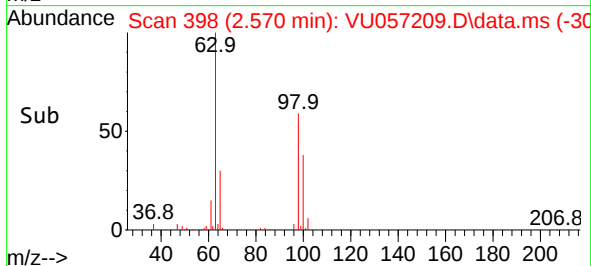
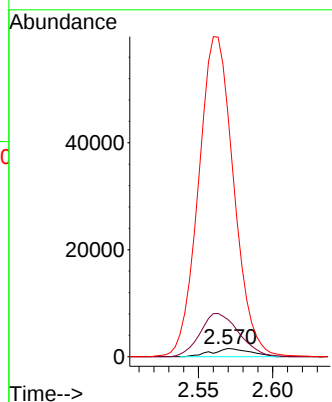
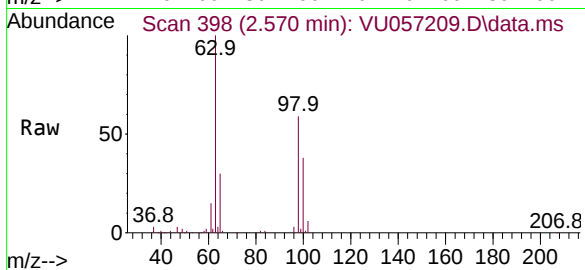
Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 96 Resp: 2737

Ion	Ratio	Lower	Upper
96	100		
61	458.3	119.6	222.0#
63	3015.3	96.2	178.8#



#19

1,1-Dichloroethane

Concen: 1.578 ug/L

RT: 3.862 min Scan# 800

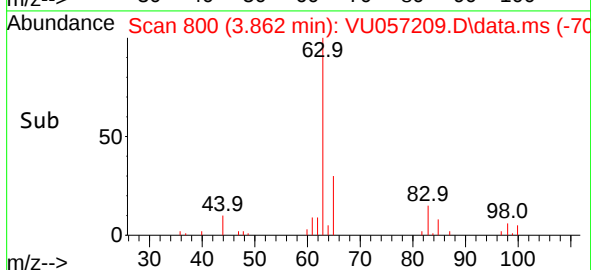
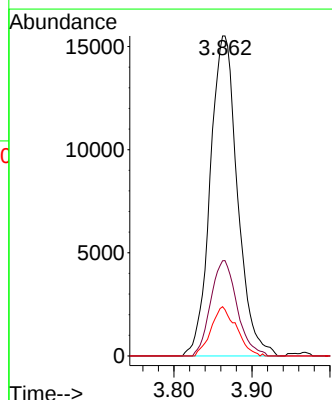
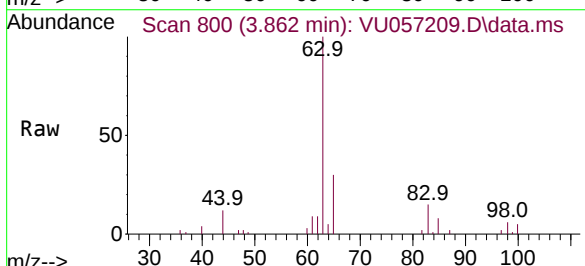
Delta R.T. -0.000 min

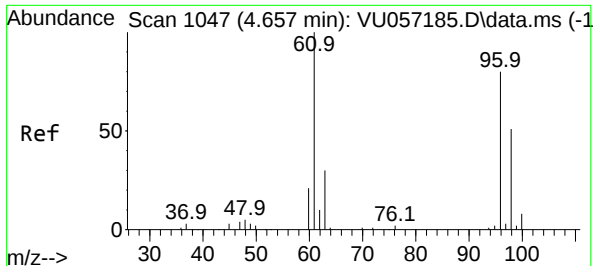
Lab File: VU057209.D

Acq: 22 Dec 2023 23:00

Tgt Ion: 63 Resp: 37670

Ion	Ratio	Lower	Upper
63	100		
65	29.8	21.6	40.2
83	15.4	10.2	19.0





#22

cis-1,2-Dichloroethene

Concen: 12.549 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. 0.003 min

Lab File: VU057209.D

Acq: 22 Dec 2023 23:00

Instrument :

MSVOA_U

ClientSampleId :

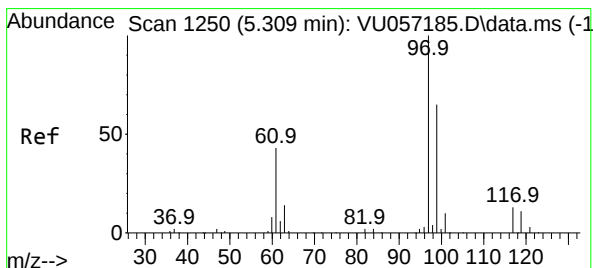
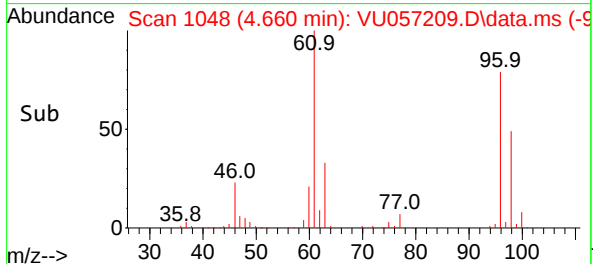
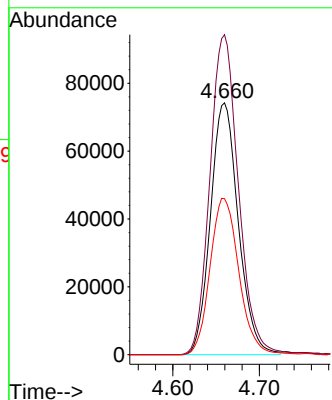
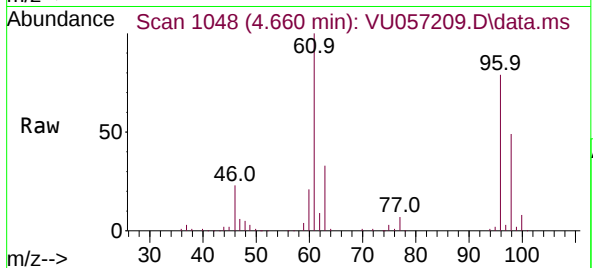
Tgt Ion: 96 Resp: 166198

Ion Ratio Lower Upper

96 100

61 127.0 86.8 161.2

98 62.0 45.5 84.5



#29

1,1,1-Trichloroethane

Concen: 0.272 ug/L

RT: 5.312 min Scan# 1251

Delta R.T. 0.003 min

Lab File: VU057209.D

Acq: 22 Dec 2023 23:00

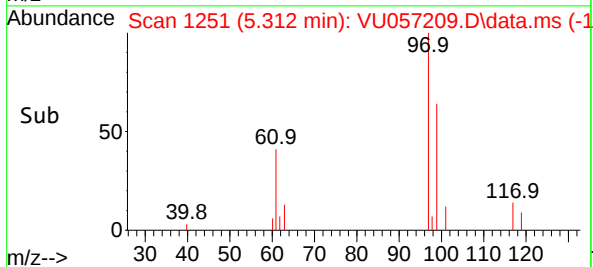
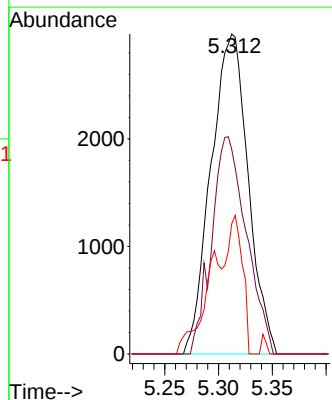
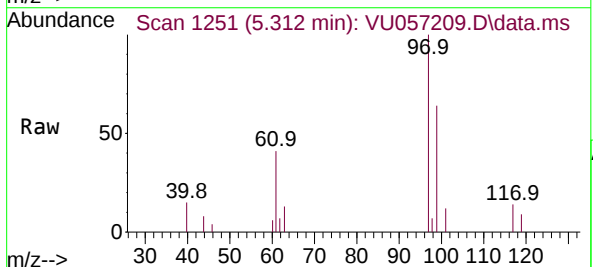
Tgt Ion: 97 Resp: 7166

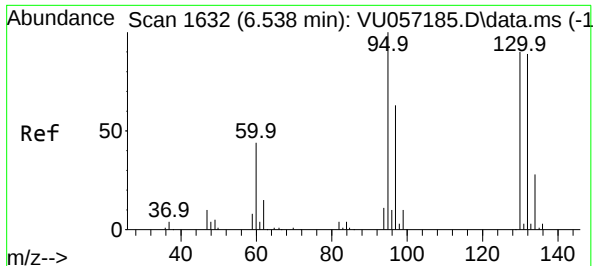
Ion Ratio Lower Upper

97 100

99 63.4 51.2 76.8

61 18.5 32.5 48.7#

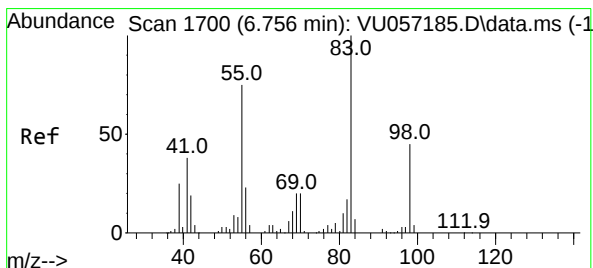
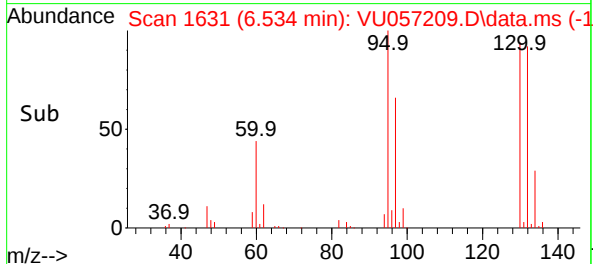
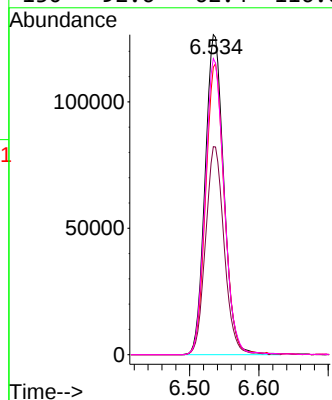
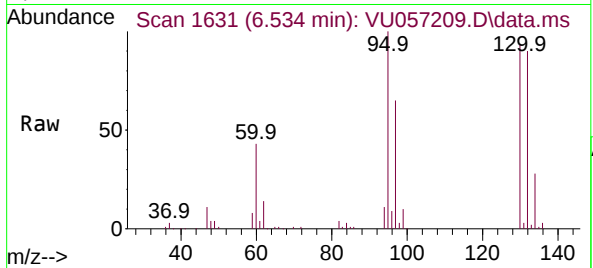




#34
Trichloroethene
Concen: 15.504 ug/L
RT: 6.534 min Scan# 1632
Delta R.T. -0.003 min
Lab File: VU057209.D
Acq: 22 Dec 2023 23:00

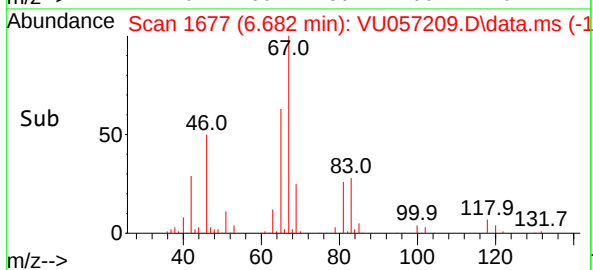
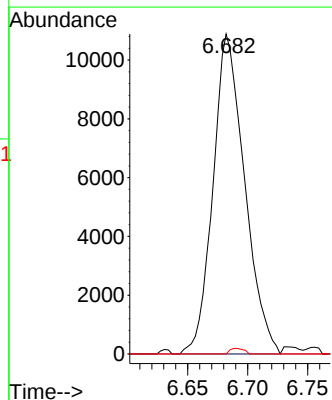
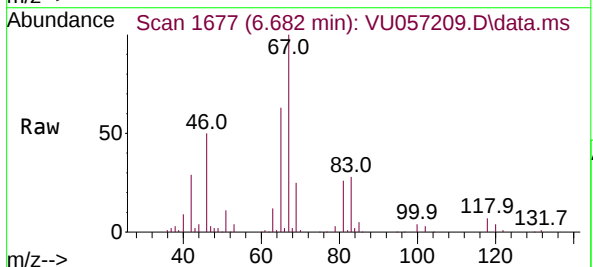
Instrument :
MSVOA_U
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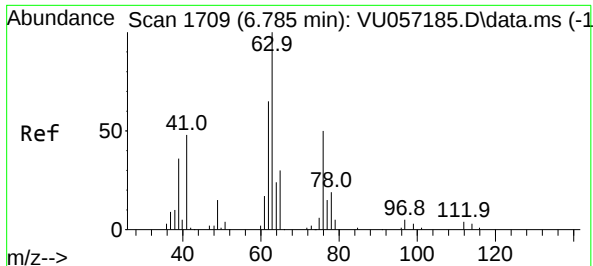
Tgt Ion: 95 Resp: 237919
Ion Ratio Lower Upper
95 100
97 65.0 44.3 82.3
132 89.8 62.6 116.2
130 92.6 62.4 116.0



#35
Methylcyclohexane
Concen: 0.988 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.074 min
Lab File: VU057209.D
Acq: 22 Dec 2023 23:00

Tgt Ion: 83 Resp: 19953
Ion Ratio Lower Upper
83 100
55 0.0 61.3 91.9#
98 0.0 36.6 55.0#





#37

1,2-Dichloropropane

Concen: 0.692 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU057209.D

Acq: 22 Dec 2023 23:00

Instrument :

MSVOA_U

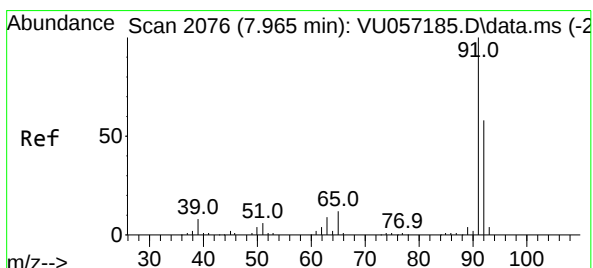
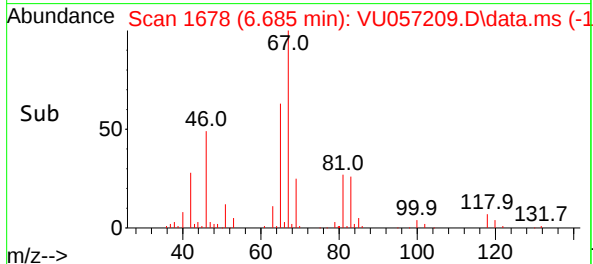
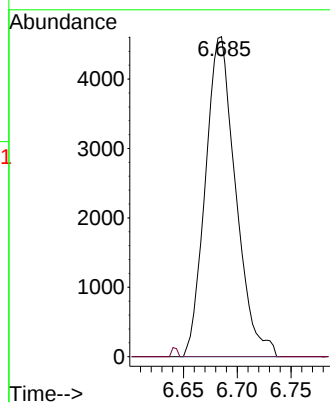
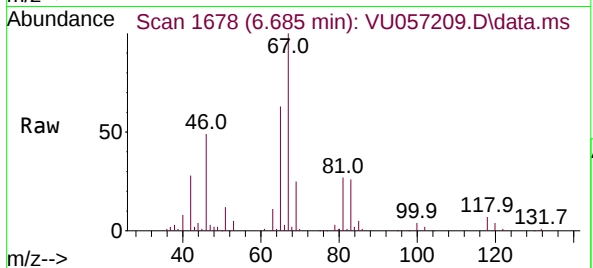
ClientSampleId :

Tgt Ion: 63 Resp: 9027

Ion Ratio Lower Upper

63 100

112 0.5 3.1 4.7#



#42

Toluene

Concen: 0.725 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. -0.000 min

Lab File: VU057209.D

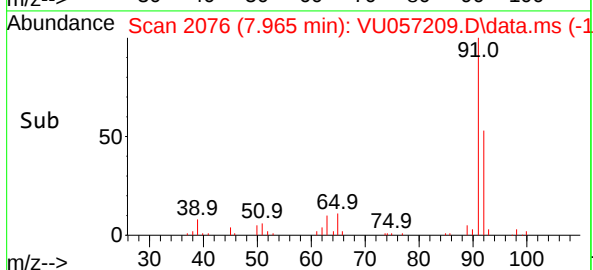
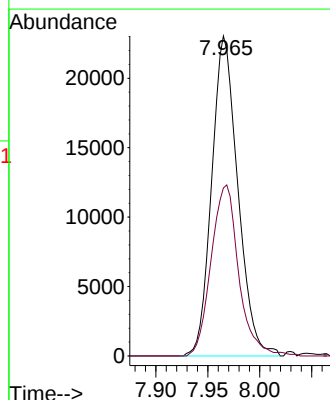
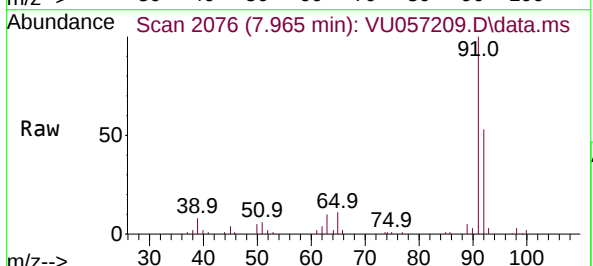
Acq: 22 Dec 2023 23:00

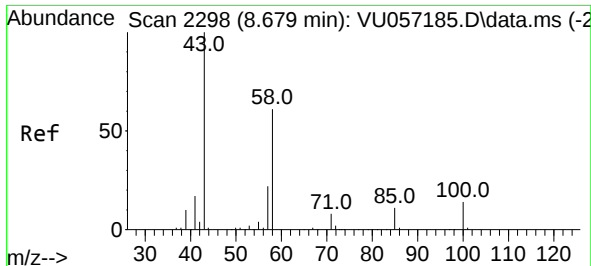
Tgt Ion: 91 Resp: 40306

Ion Ratio Lower Upper

91 100

92 52.5 40.5 75.1

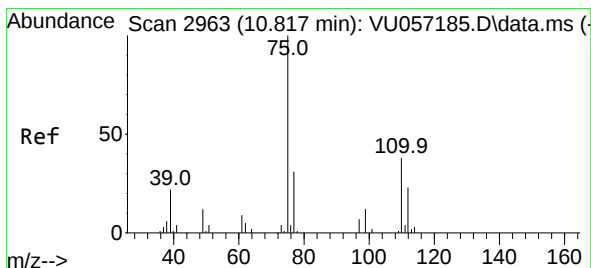
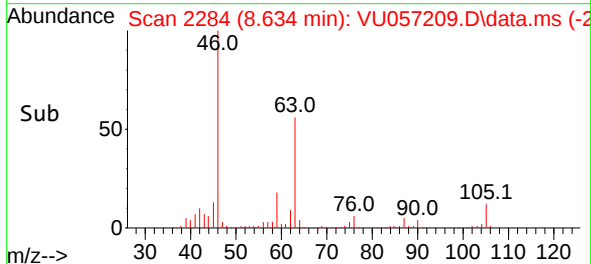
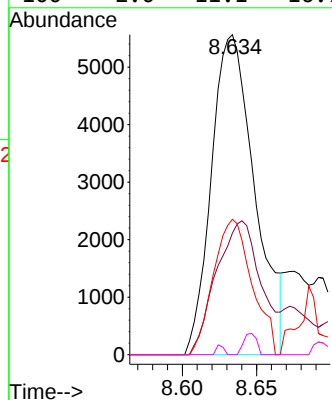
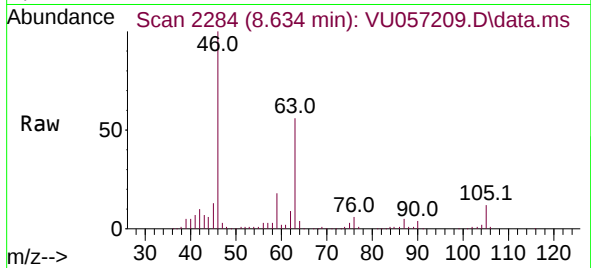




#48
2-Hexanone
Concen: 2.705 ug/L
RT: 8.634 min Scan# 211
Delta R.T. -0.045 min
Lab File: VU057209.D
Acq: 22 Dec 2023 23:00

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:	43	Resp:	11293
Ion	Ratio	Lower	Upper
43	100		
58	43.5	49.8	74.8#
57	37.7	18.5	27.7#
100	2.0	11.1	16.7#



#61
1,2,3-Trichloropropane
Concen: 1.297 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU057209.D
Acq: 22 Dec 2023 23:00

Tgt Ion:	75	Resp:	8710
Ion	Ratio	Lower	Upper
75	100		
110	3.2	31.2	46.8#
77	32.2	25.5	38.3

