

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122223\
 Data File : VU057200.D
 Acq On : 22 Dec 2023 19:22
 Operator : MD/SY
 Sample : 05894-07DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 22 22:51:18 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)

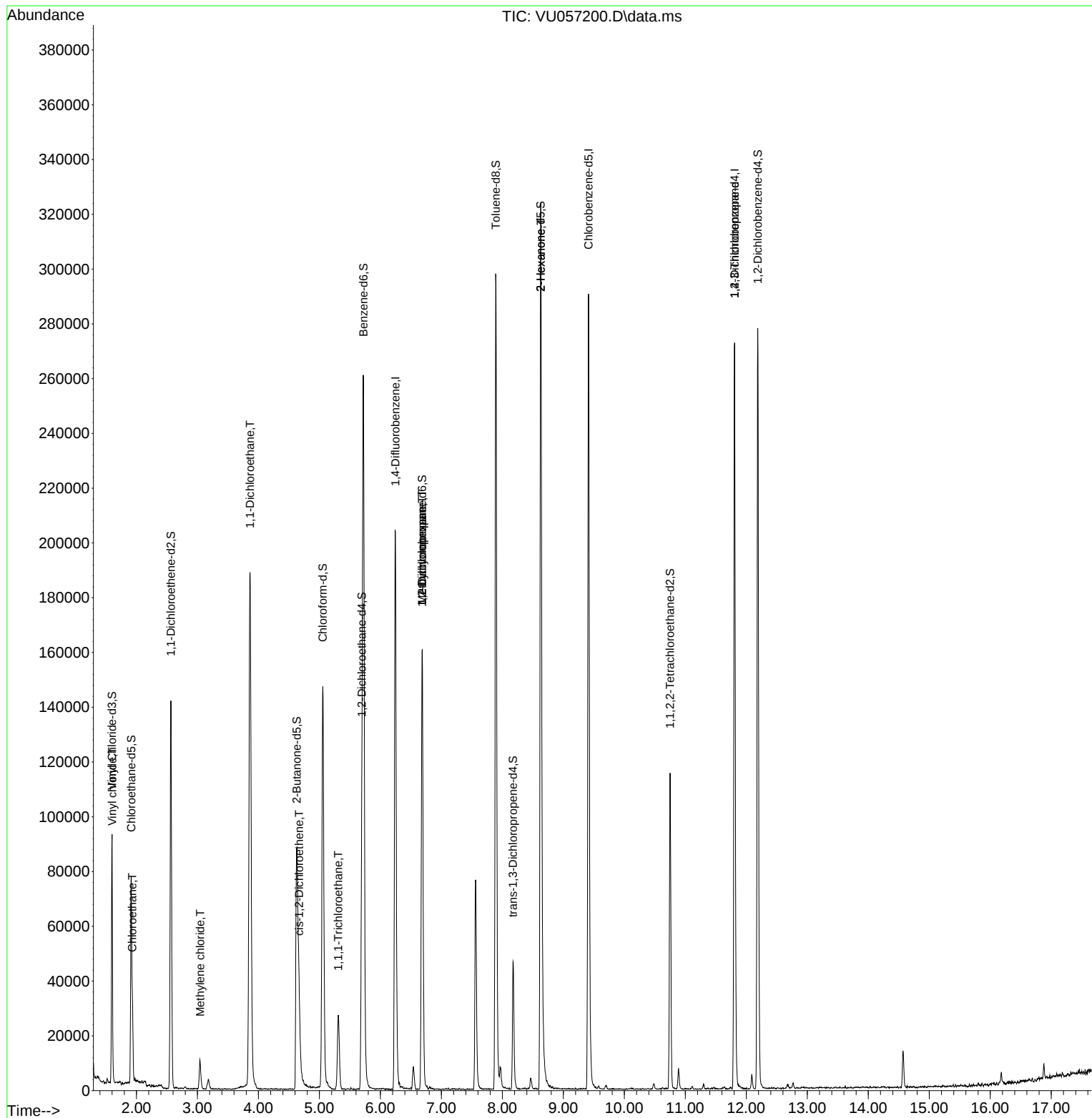
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	166063	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	164236	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	72074	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	60247	3.796	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.000%
7) Chloroethane-d5	1.914	69	56570	4.330	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.600%
11) 1,1-Dichloroethene-d2	2.563	65	27099	3.941	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.800%
20) 2-Butanone-d5	4.628	46	139342	55.914	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.820%
24) Chloroform-d	5.055	84	139391	4.548	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
26) 1,2-Dichloroethane-d4	5.695	65	68509	4.690	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.800%
32) Benzene-d6	5.721	84	247619	4.396	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
36) 1,2-Dichloropropane-d6	6.682	67	75833	4.731	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.600%
41) Toluene-d8	7.891	98	205188	3.990	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.800%
43) trans-1,3-Dichloroprop...	8.174	79	28924	4.335	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.600%
46) 2-Hexanone-d5	8.627	63	109728	48.297	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.600%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	57070	5.003	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	72897	4.700	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.000%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	3638	0.251	ug/L #	65
8) Chloroethane	1.933	64	15187	1.648	ug/L	95
16) Methylene chloride	3.042	84	5219	0.362	ug/L	99
19) 1,1-Dichloroethane	3.862	63	218434	9.091	ug/L	98
22) cis-1,2-Dichloroethene	4.666	96	10485	0.786	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	20444	0.783	ug/L	99
35) Methylcyclohexane	6.685	83	19189	0.957	ug/L #	19
37) 1,2-Dichloropropane	6.685	63	8873	0.685	ug/L #	89
48) 2-Hexanone	8.631	43	13798	3.331	ug/L #	71
61) 1,2,3-Trichloropropane	11.807	75	9422	1.403	ug/L #	64

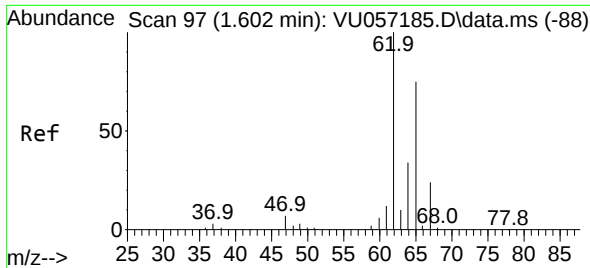
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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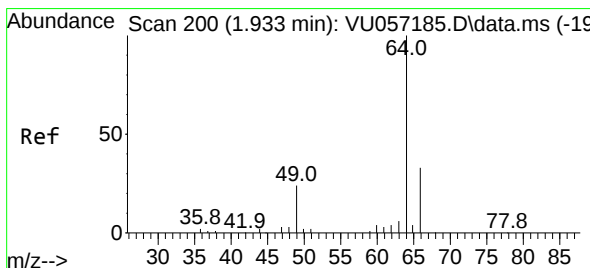
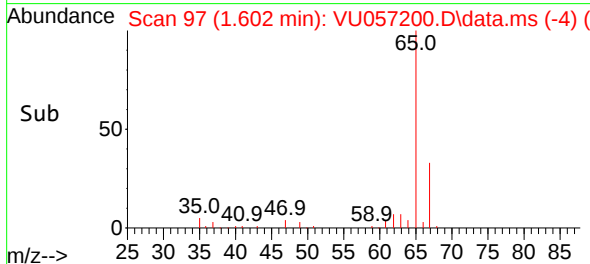
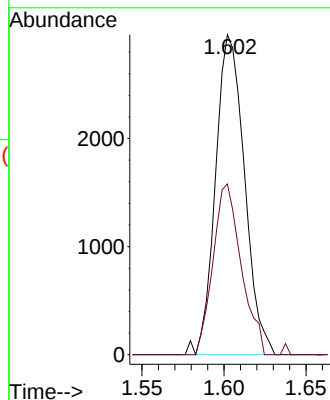
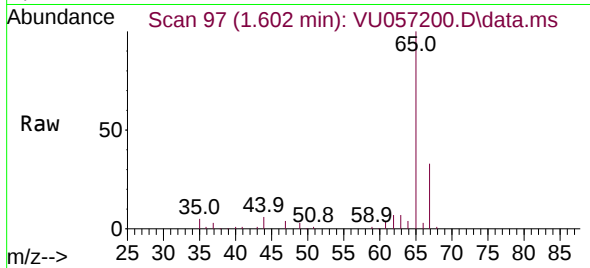




#5
 Vinyl chloride
 Concen: 0.251 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU057200.D
 Acq: 22 Dec 2023 19:22

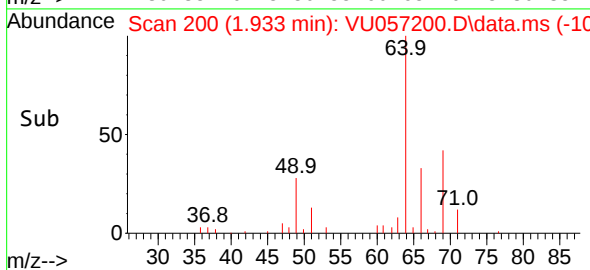
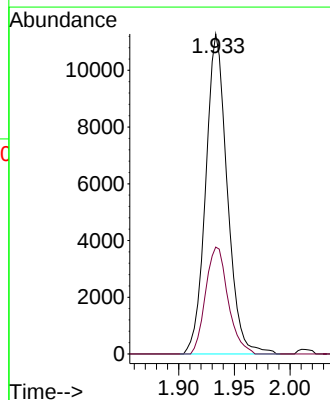
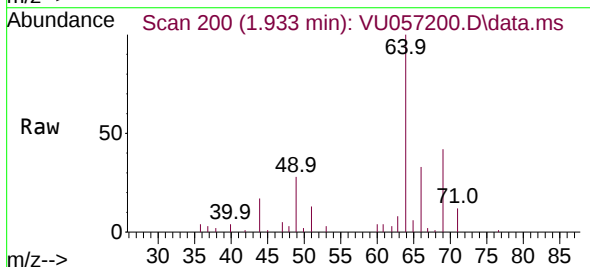
Instrument :
 MSVOA_U
 ClientSampleId :

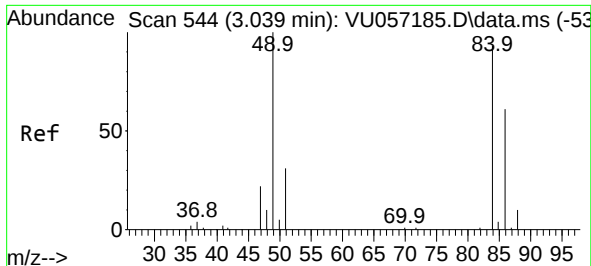
Tgt Ion: 62 Resp: 3638
 Ion Ratio Lower Upper
 62 100
 64 53.3 23.3 43.3#



#8
 Chloroethane
 Concen: 1.648 ug/L
 RT: 1.933 min Scan# 200
 Delta R.T. -0.000 min
 Lab File: VU057200.D
 Acq: 22 Dec 2023 19:22

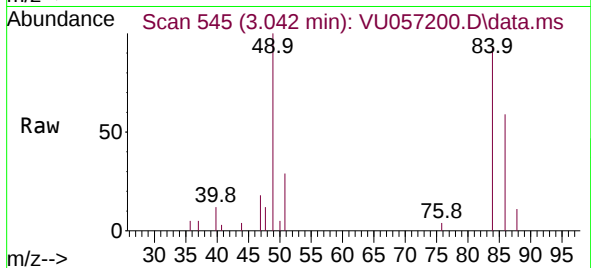
Tgt Ion: 64 Resp: 15187
 Ion Ratio Lower Upper
 64 100
 66 33.4 21.6 40.2



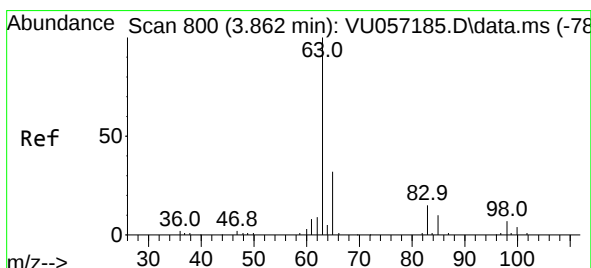
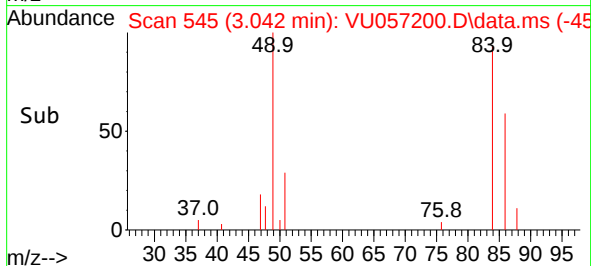
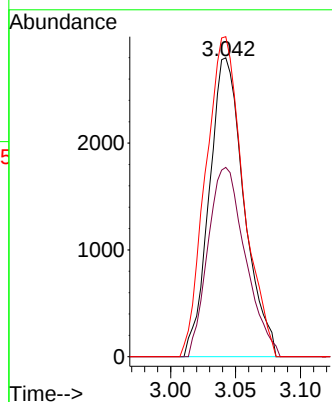


#16
Methylene chloride
Concen: 0.362 ug/L
RT: 3.042 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU057200.D
Acq: 22 Dec 2023 19:22

Instrument :
MSVOA_U
ClientSampleId :

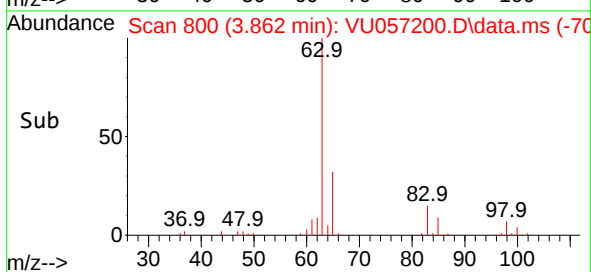
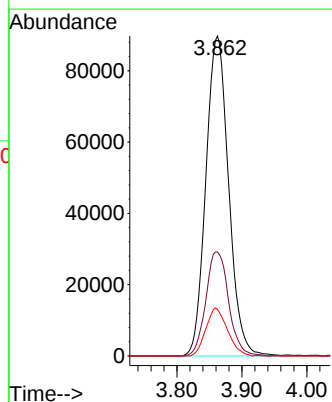
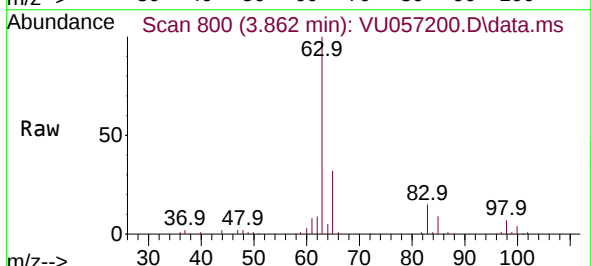


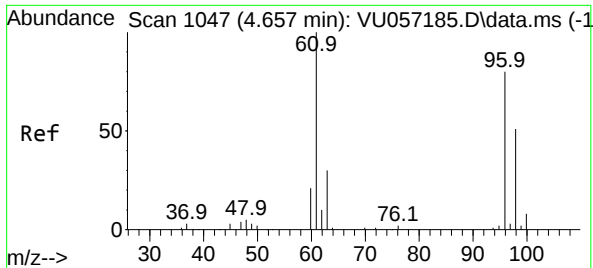
Tgt Ion: 84 Resp: 5219
Ion Ratio Lower Upper
84 100
86 63.3 44.7 82.9
49 107.1 76.0 141.2



#19
1,1-Dichloroethane
Concen: 9.091 ug/L
RT: 3.862 min Scan# 800
Delta R.T. -0.000 min
Lab File: VU057200.D
Acq: 22 Dec 2023 19:22

Tgt Ion: 63 Resp: 218434
Ion Ratio Lower Upper
63 100
65 32.4 21.6 40.2
83 14.5 10.2 19.0





#22

cis-1,2-Dichloroethene

Concen: 0.786 ug/L

RT: 4.666 min Scan# 1050

Delta R.T. 0.010 min

Lab File: VU057200.D

Acq: 22 Dec 2023 19:22

Instrument :

MSVOA_U

ClientSampleId :

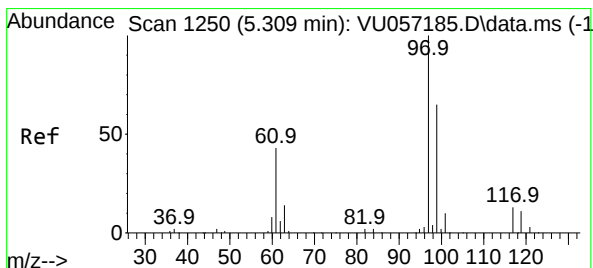
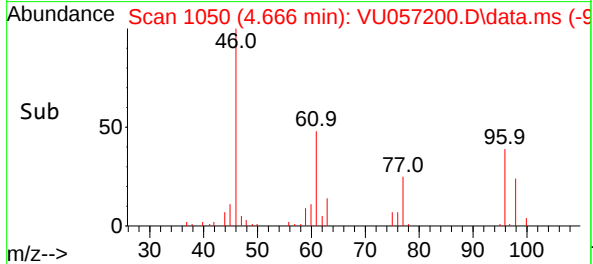
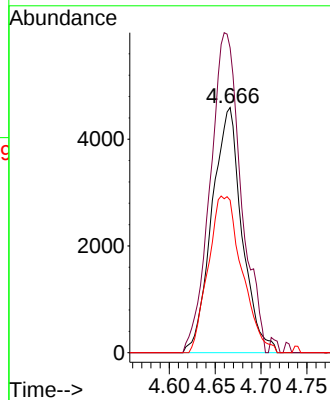
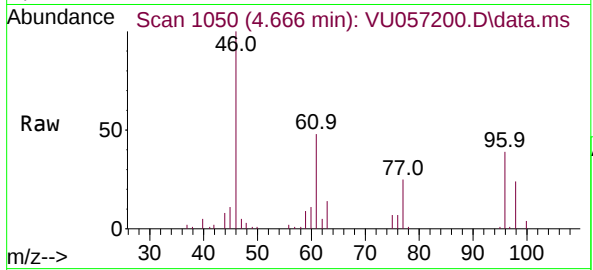
Tgt Ion: 96 Resp: 10485

Ion Ratio Lower Upper

96 100

61 124.3 86.8 161.2

98 62.2 45.5 84.5



#29

1,1,1-Trichloroethane

Concen: 0.783 ug/L

RT: 5.309 min Scan# 1250

Delta R.T. -0.000 min

Lab File: VU057200.D

Acq: 22 Dec 2023 19:22

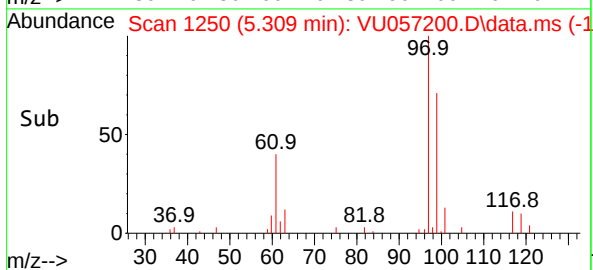
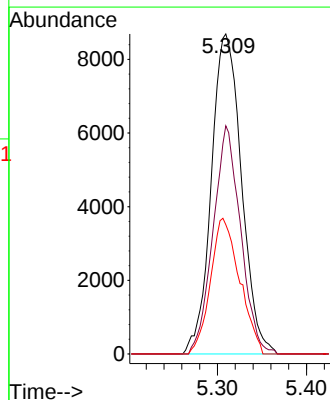
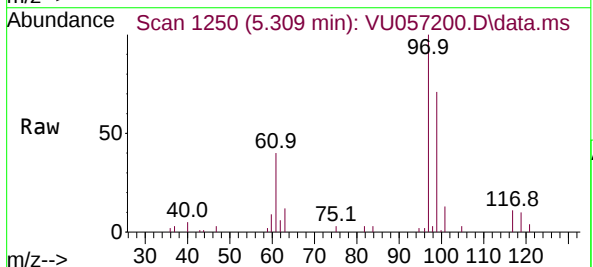
Tgt Ion: 97 Resp: 20444

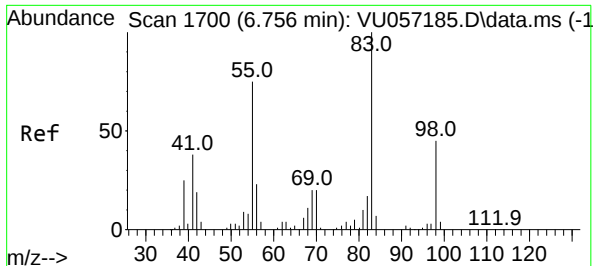
Ion Ratio Lower Upper

97 100

99 65.0 51.2 76.8

61 41.0 32.5 48.7





#35

Methylcyclohexane

Concen: 0.957 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU057200.D

Acq: 22 Dec 2023 19:22

Instrument :

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ClientSampleId :

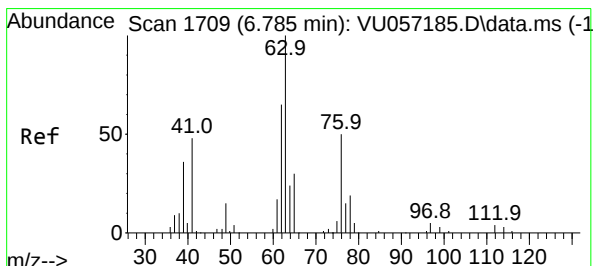
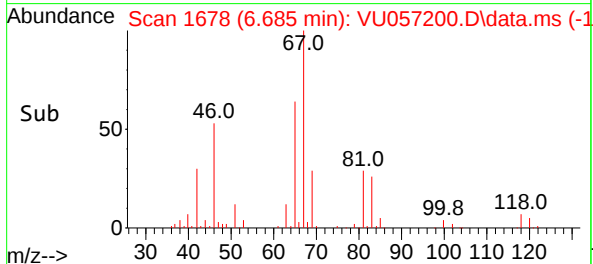
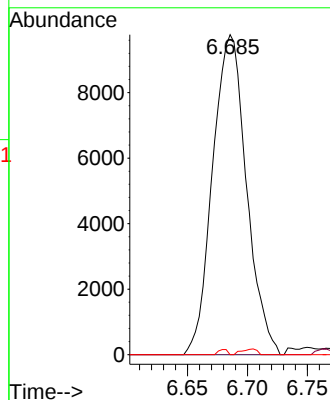
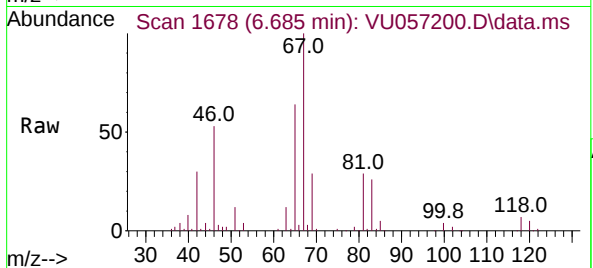
Tgt Ion: 83 Resp: 19189

Ion Ratio Lower Upper

83 100

55 0.0 61.3 91.9#

98 0.4 36.6 55.0#



#37

1,2-Dichloropropane

Concen: 0.685 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.100 min

Lab File: VU057200.D

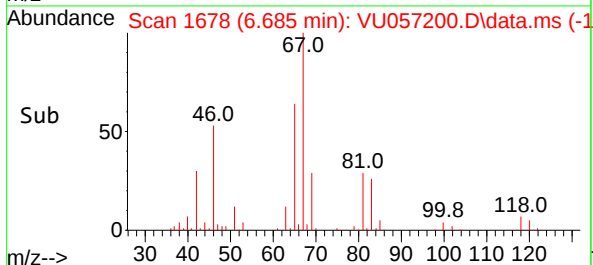
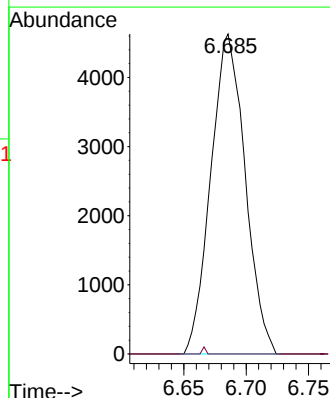
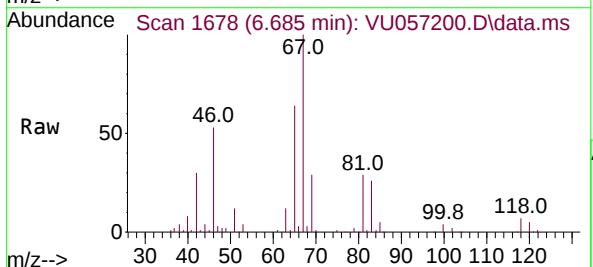
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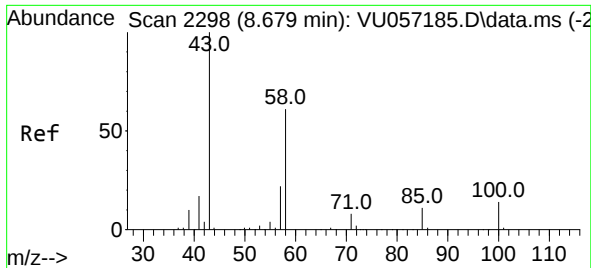
Tgt Ion: 63 Resp: 8873

Ion Ratio Lower Upper

63 100

112 0.2 3.1 4.7#

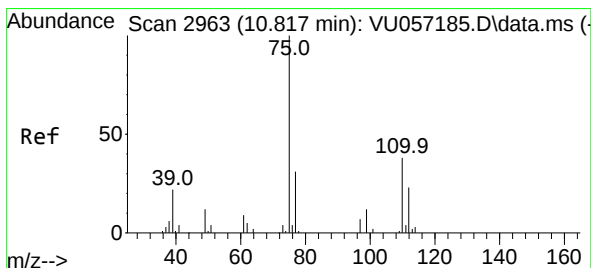
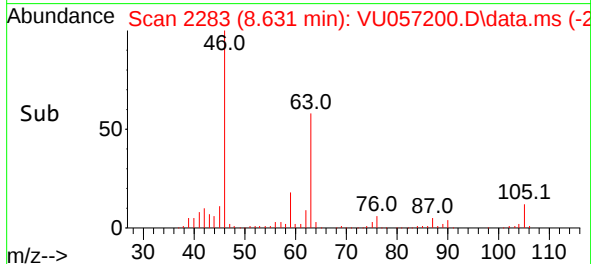
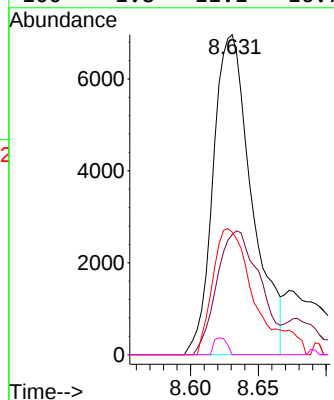
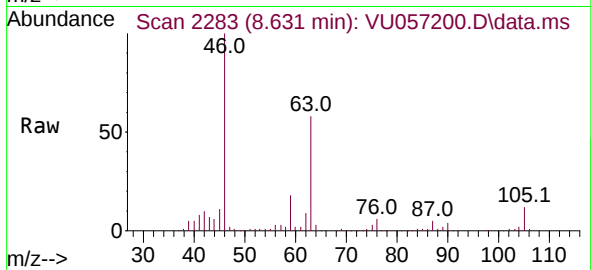




#48
2-Hexanone
Concen: 3.331 ug/L
RT: 8.631 min Scan# 21
Delta R.T. -0.048 min
Lab File: VU057200.D
Acq: 22 Dec 2023 19:22

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43	Resp: 13798
Ion Ratio	Lower Upper
43 100	
58 43.3	49.8 74.8#
57 42.9	18.5 27.7#
100 1.8	11.1 16.7#



#61
1,2,3-Trichloropropane
Concen: 1.403 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU057200.D
Acq: 22 Dec 2023 19:22

Tgt Ion: 75	Resp: 9422
Ion Ratio	Lower Upper
75 100	
110 0.5	31.2 46.8#
77 29.8	25.5 38.3

