

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122123\
 Data File : VU057156.D
 Acq On : 22 Dec 2023 00:04
 Operator : MD/SY
 Sample : 05894-19
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 22 00:24:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 21 23:30:13 2023
 Response via : Initial Calibration

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

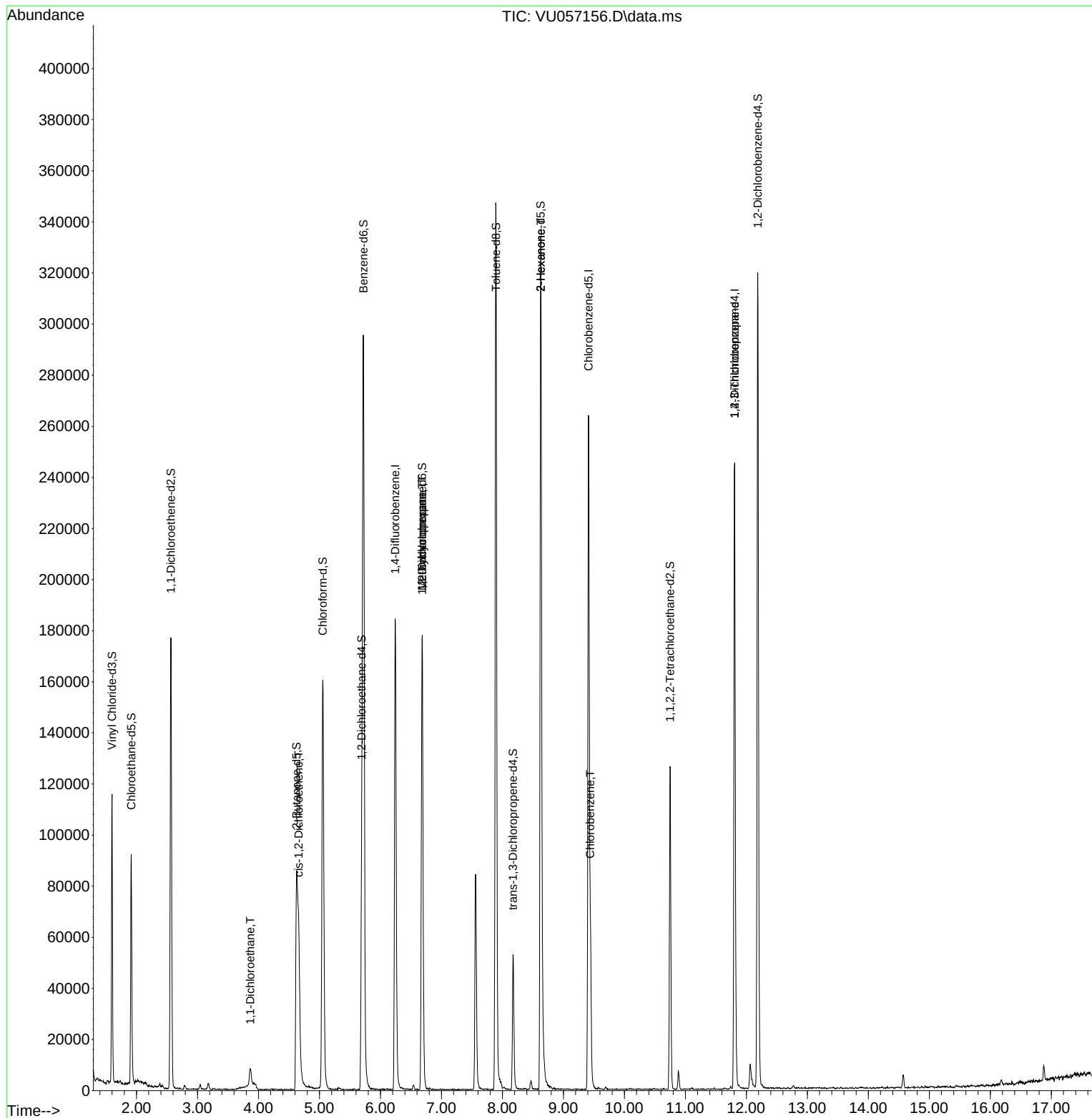
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	149364	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	148541	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	67416	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	80402	5.632	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	112.600%
7) Chloroethane-d5	1.914	69	67196	5.718	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	114.400%
11) 1,1-Dichloroethene-d2	2.563	65	33819	5.468	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	109.400%
20) 2-Butanone-d5	4.624	46	135462	60.434	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.860%
24) Chloroform-d	5.055	84	154301	5.597	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.000%
26) 1,2-Dichloroethane-d4	5.692	65	76414	5.816	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.400%
32) Benzene-d6	5.721	84	282115	5.537	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.800%
36) 1,2-Dichloropropane-d6	6.682	67	81777	5.640	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.800%
41) Toluene-d8	7.894	98	235947	5.073	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.400%
43) trans-1,3-Dichloroprop...	8.174	79	31990	5.301	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.000%
46) 2-Hexanone-d5	8.627	63	116995	56.936	ug/L	-0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.880%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	59999	5.816	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	116.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	82607	5.694	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.800%
Target Compounds						
					Qvalue	
19) 1,1-Dichloroethane	3.866	63	8218	0.380	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	20716	1.727	ug/L	98
35) Methylcyclohexane	6.685	83	21365	1.179	ug/L #	19
37) 1,2-Dichloropropane	6.685	63	9428	0.805	ug/L #	88
48) 2-Hexanone	8.631	43	15829	4.225	ug/L #	72
51) Chlorobenzene	9.441	112	31179	0.960	ug/L	97
61) 1,2,3-Trichloropropane	11.807	75	8297	1.321	ug/L #	65

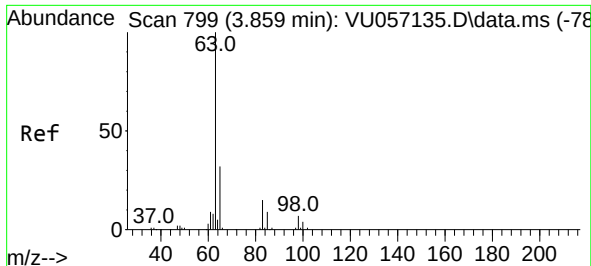
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122123\
Data File : VU057156.D
Acq On : 22 Dec 2023 00:04
Operator : MD/SY
Sample : 05894-19
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Dec 22 00:24:13 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 21 23:30:13 2023
Response via : Initial Calibration





#19

1,1-Dichloroethane

Concen: 0.380 ug/L

RT: 3.866 min Scan# 801

Delta R.T. 0.006 min

Lab File: VU057156.D

Acq: 22 Dec 2023 00:04

Instrument :

MSVOA_U

ClientSampleId :

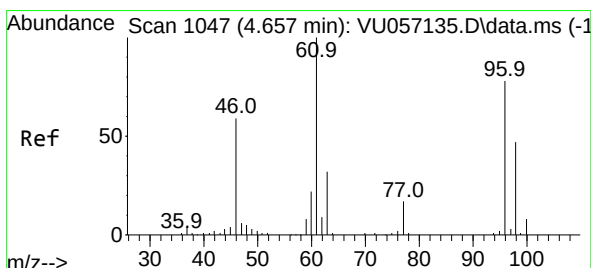
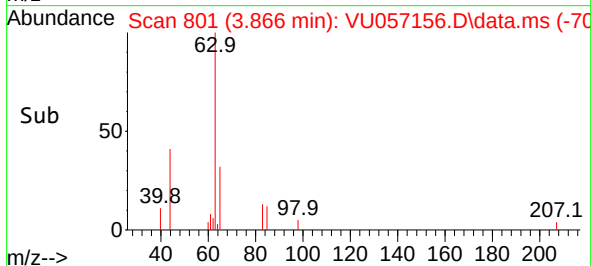
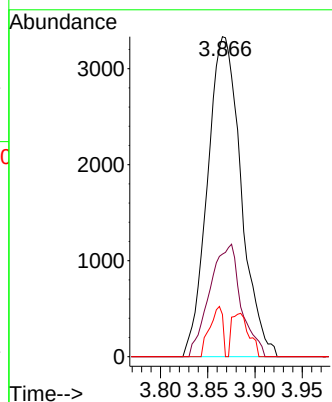
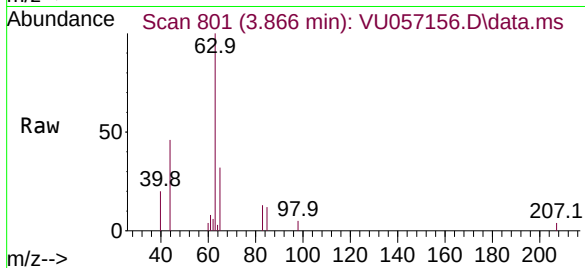
Tgt Ion: 63 Resp: 8218

Ion Ratio Lower Upper

63 100

65 32.1 21.6 40.2

83 13.2 10.2 19.0



#22

cis-1,2-Dichloroethene

Concen: 1.727 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. 0.003 min

Lab File: VU057156.D

Acq: 22 Dec 2023 00:04

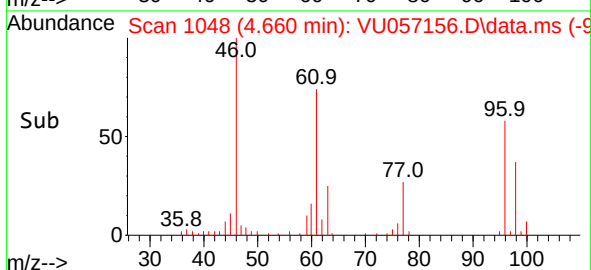
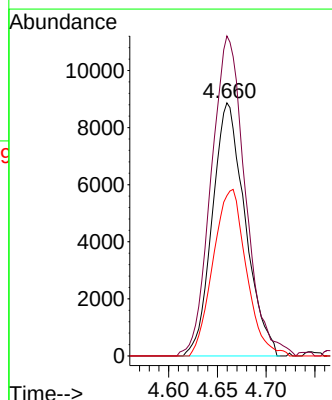
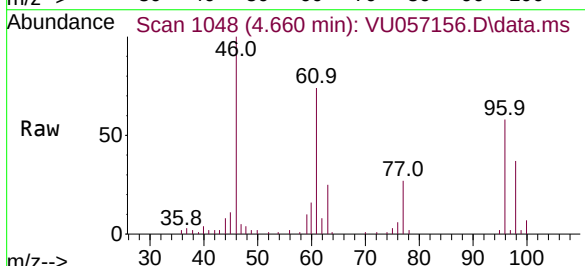
Tgt Ion: 96 Resp: 20716

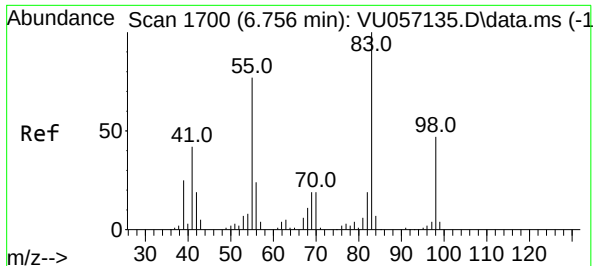
Ion Ratio Lower Upper

96 100

61 126.4 86.8 161.2

98 63.4 45.5 84.5





#35

Methylcyclohexane

Concen: 1.179 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU057156.D

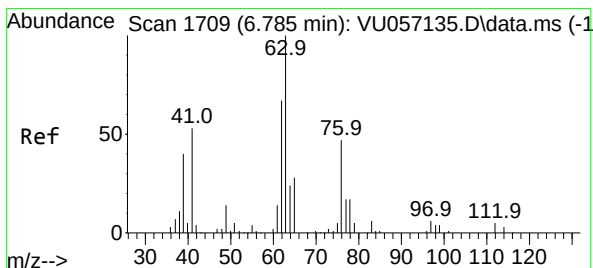
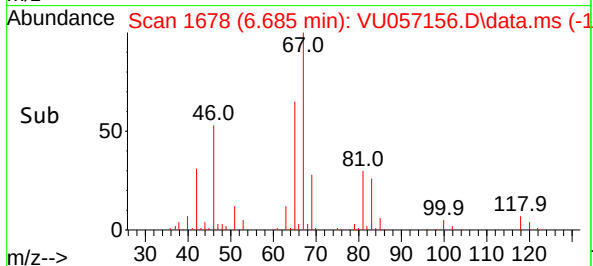
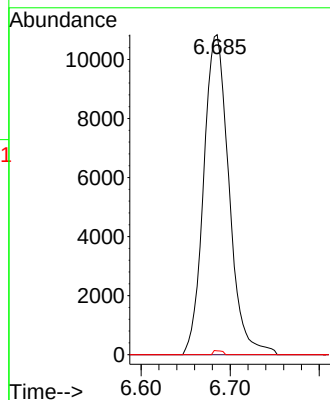
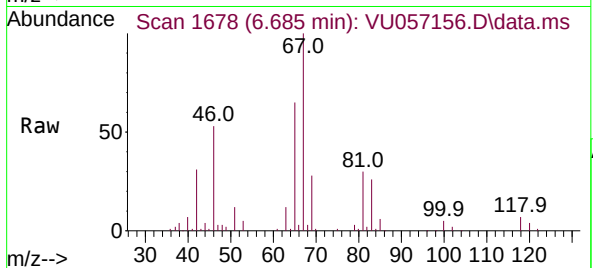
Acq: 22 Dec 2023 00:04

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 21365
Ion Ratio	Lower Upper
83 100	
55 0.0	61.3 91.9#
98 0.5	36.6 55.0#



#37

1,2-Dichloropropane

Concen: 0.805 ug/L

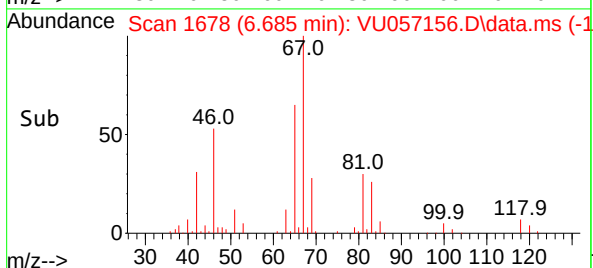
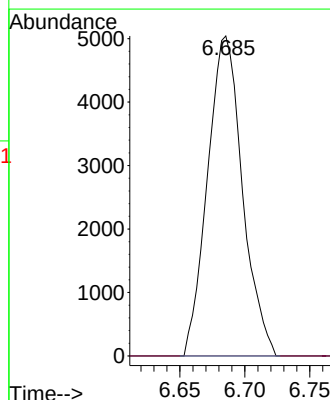
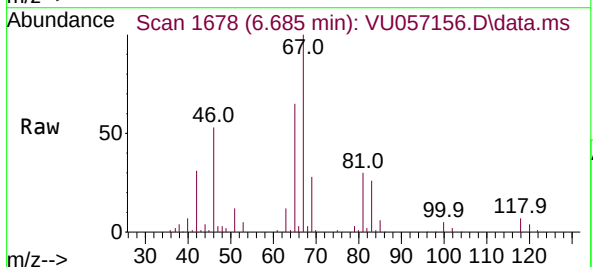
RT: 6.685 min Scan# 1678

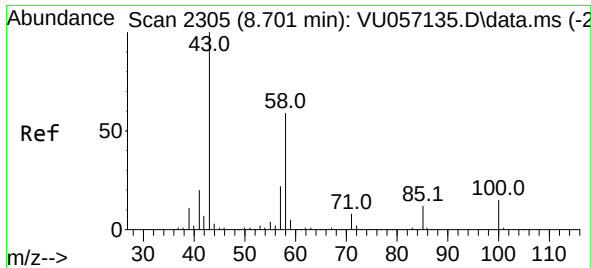
Delta R.T. -0.100 min

Lab File: VU057156.D

Acq: 22 Dec 2023 00:04

Tgt Ion: 63	Resp: 9428
Ion Ratio	Lower Upper
63 100	
112 0.0	3.1 4.7#

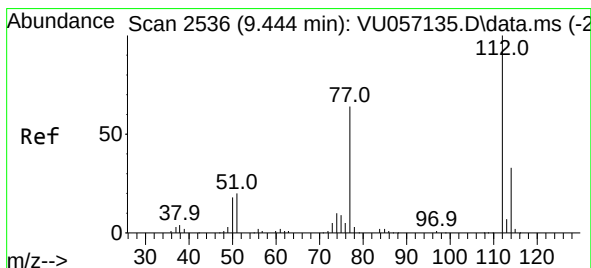
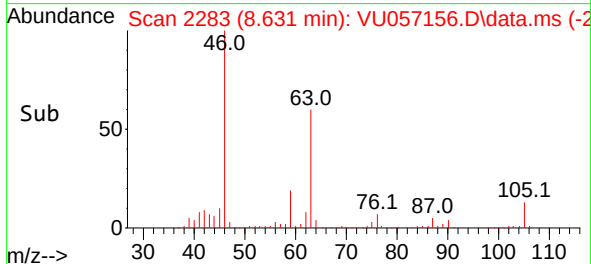
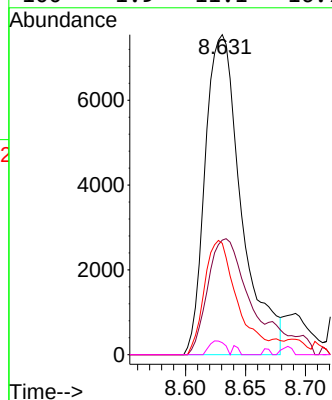
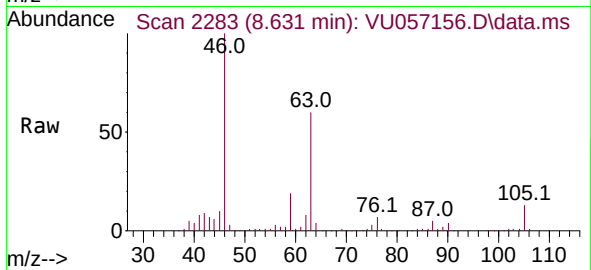




#48
2-Hexanone
Concen: 4.225 ug/L
RT: 8.631 min Scan# 21
Delta R.T. -0.071 min
Lab File: VU057156.D
Acq: 22 Dec 2023 00:04

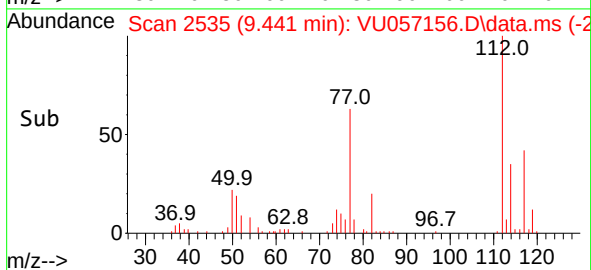
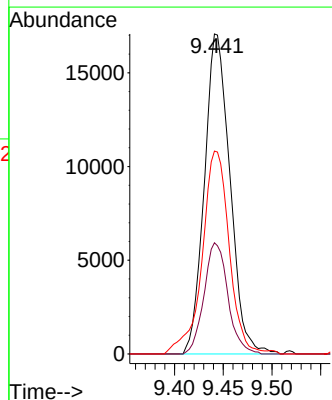
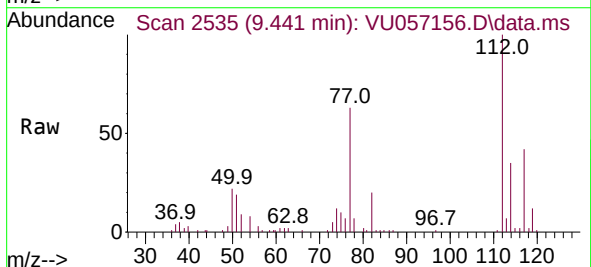
Instrument :
MSVOA_U
ClientSampleId :

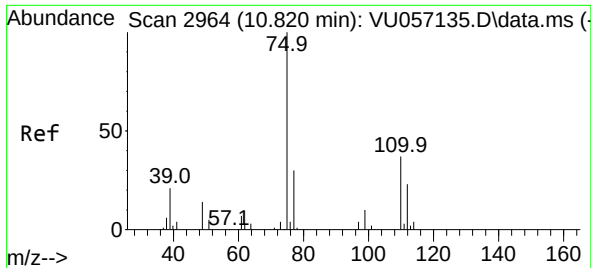
Tgt Ion: 43	Resp: 15829
Ion Ratio	Lower Upper
43 100	
58 38.3	49.8 74.8#
57 32.4	18.5 27.7#
100 1.9	11.1 16.7#



#51
Chlorobenzene
Concen: 0.960 ug/L
RT: 9.441 min Scan# 2535
Delta R.T. -0.003 min
Lab File: VU057156.D
Acq: 22 Dec 2023 00:04

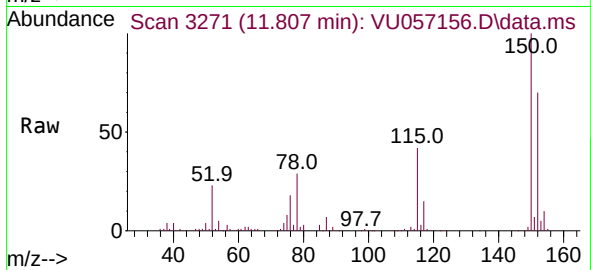
Tgt Ion:112	Resp:	31179	
Ion Ratio	Lower	Upper	
112 100			
114 34.8	22.7	42.1	
77 63.4	52.2	78.2	





#61
 1,2,3-Trichloropropane
 Concen: 1.321 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU057156.D
 Acq: 22 Dec 2023 00:04

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 8297
 Ion Ratio Lower Upper
 75 100
 110 1.9 31.2 46.8#
 77 30.3 25.5 38.3

