

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121123\
 Data File : VU056743.D
 Acq On : 11 Dec 2023 19:43
 Operator : MD/SY
 Sample : 05677-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 12 01:12:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 12 01:07:35 2023
 Response via : Initial Calibration

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

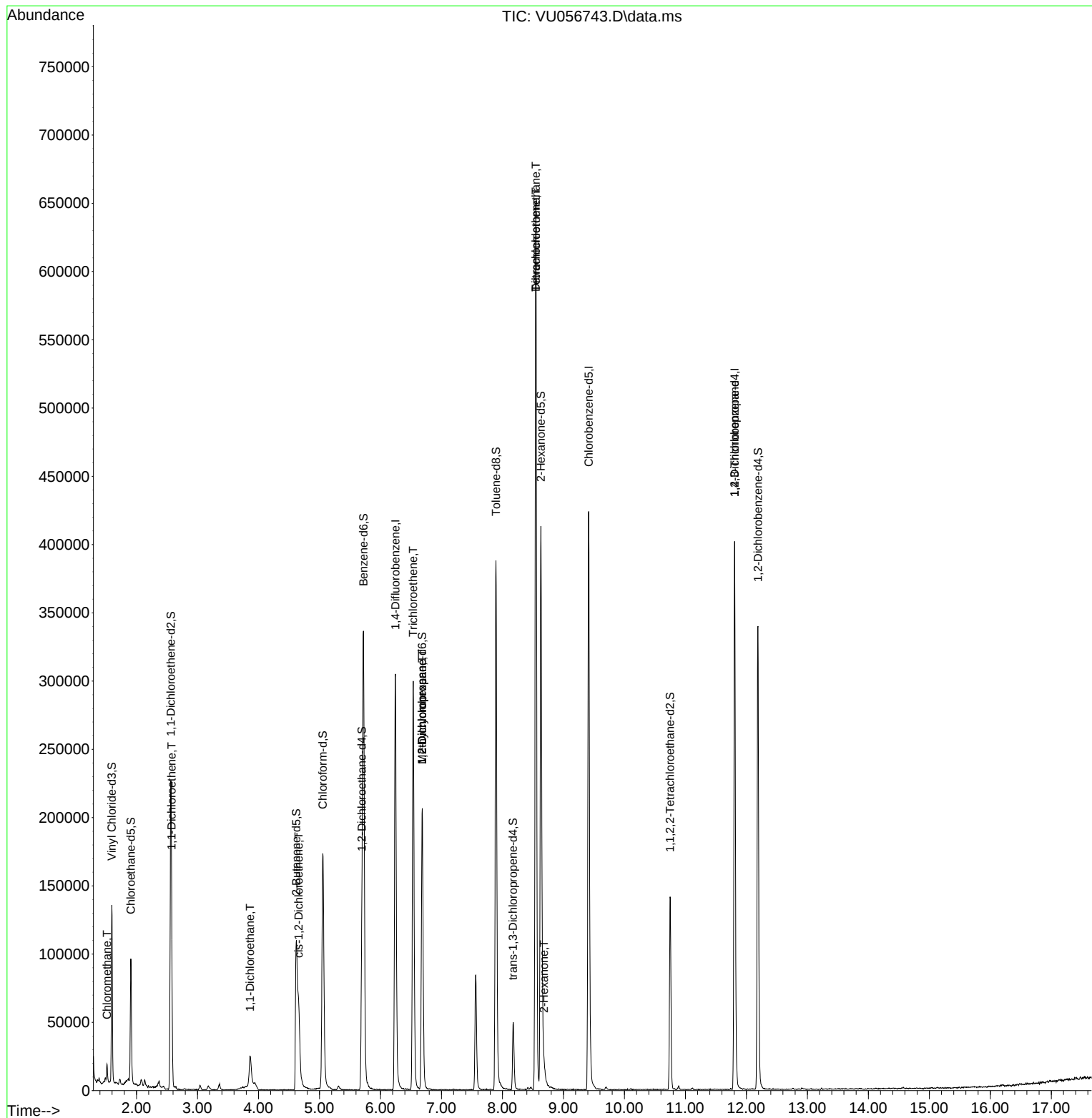
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	248935	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	253415	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	103786	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	90889	4.259	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.200%
7) Chloroethane-d5	1.907	69	66493	4.164	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.200%
11) 1,1-Dichloroethene-d2	2.563	65	39055	4.278	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.600%
20) 2-Butanone-d5	4.621	46	178062	42.256	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.520%
24) Chloroform-d	5.055	84	165621	4.099	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.000%
26) 1,2-Dichloroethane-d4	5.695	65	82633	4.322	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.400%
32) Benzene-d6	5.721	84	322255	4.100	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.000%
36) 1,2-Dichloropropane-d6	6.685	67	102060	4.148	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.000%
41) Toluene-d8	7.894	98	271544	3.865	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.400%
43) trans-1,3-Dichloroprop...	8.174	79	31524	3.304	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.000%
46) 2-Hexanone-d5	8.630	63	138854	38.588	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.180%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	71428	4.013	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	90770	4.449	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.000%
Target Compounds						
3) Chloromethane	1.515	50	7798	0.304	ug/L	98
12) 1,1-Dichloroethene	2.576	96	17360	0.859	ug/L #	1
19) 1,1-Dichloroethane	3.862	63	26645	0.676	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	21523	0.965	ug/L	96
34) Trichloroethene	6.537	95	106604	4.364	ug/L	98
35) Methylcyclohexane	6.685	83	24043	0.667	ug/L #	17
37) 1,2-Dichloropropane	6.685	63	11329	0.497	ug/L #	88
47) Tetrachloroethene	8.547	164	140234	8.202	ug/L	98
48) 2-Hexanone	8.682	43	5975	0.775	ug/L #	47
49) Dibromochloromethane	8.547	129	146716	8.287	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	13370	1.200	ug/L #	68

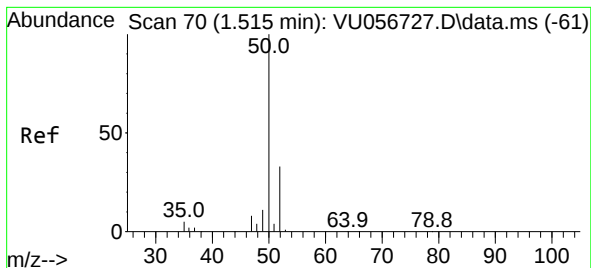
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.304 ug/L

RT: 1.515 min Scan# 70

Delta R.T. -0.000 min

Lab File: VU056743.D

Acq: 11 Dec 2023 19:43

Instrument :

MSVOA_U

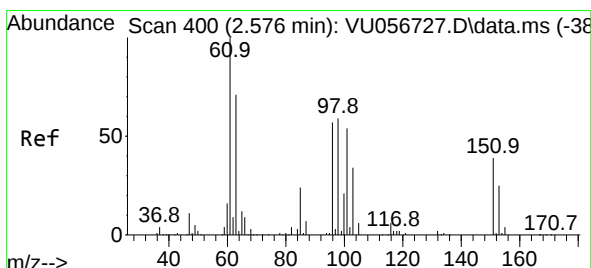
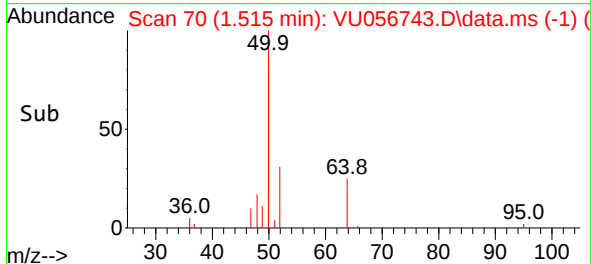
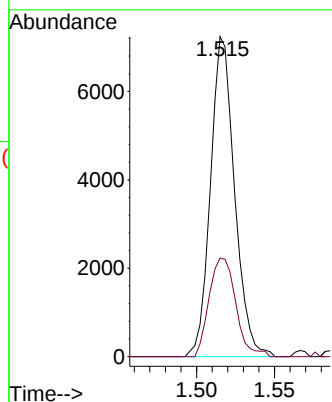
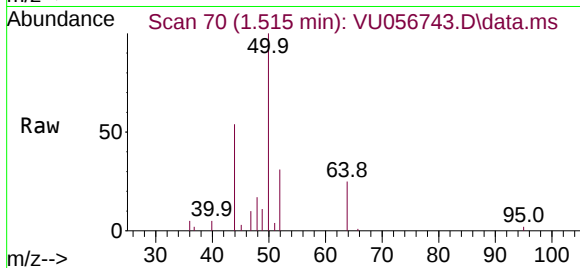
ClientSampleId :

Tgt Ion: 50 Resp: 7798

Ion Ratio Lower Upper

50 100

52 30.8 22.5 41.7



#12

1,1-Dichloroethene

Concen: 0.859 ug/L

RT: 2.576 min Scan# 400

Delta R.T. -0.000 min

Lab File: VU056743.D

Acq: 11 Dec 2023 19:43

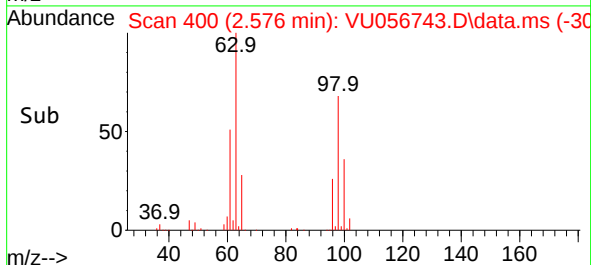
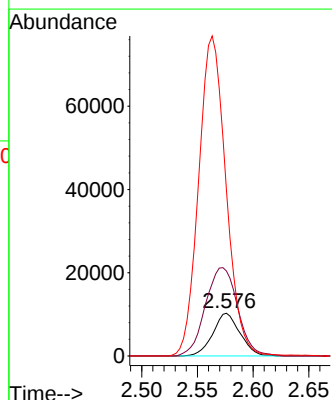
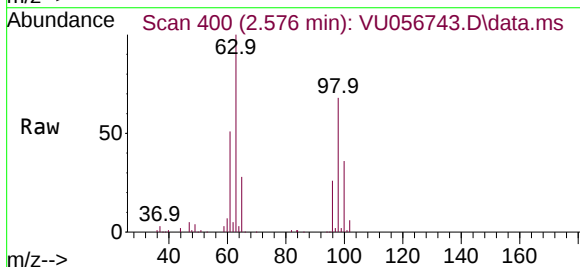
Tgt Ion: 96 Resp: 17360

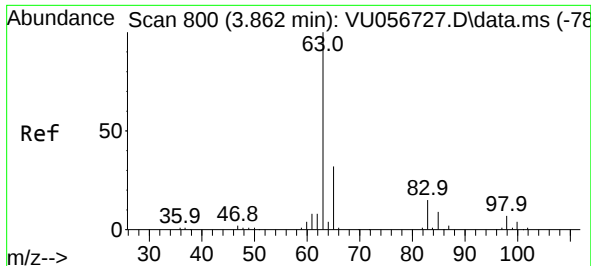
Ion Ratio Lower Upper

96 100

61 198.8 119.0 221.0

63 388.3 88.7 164.7#





#19

1,1-Dichloroethane

Concen: 0.676 ug/L

RT: 3.862 min Scan# 800

Delta R.T. -0.000 min

Lab File: VU056743.D

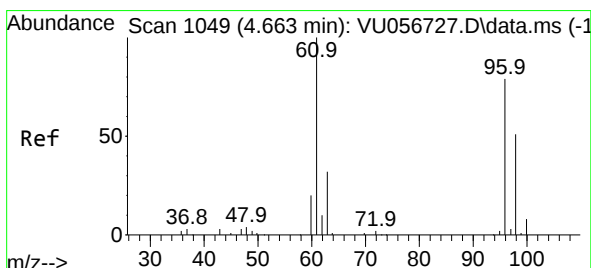
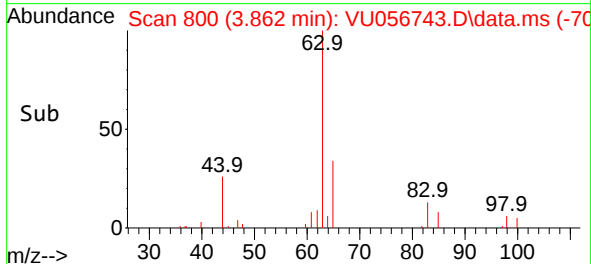
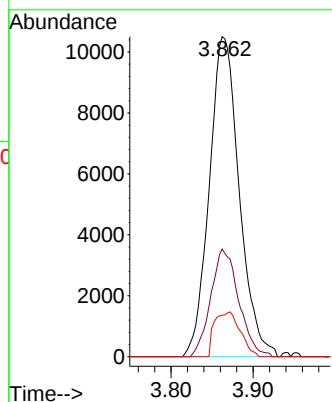
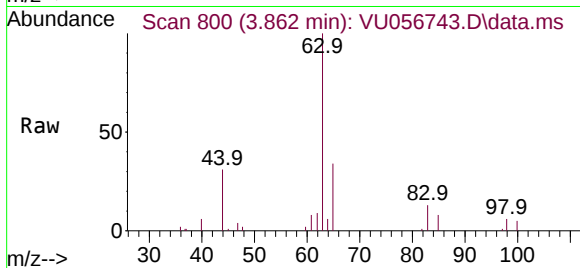
Acq: 11 Dec 2023 19:43

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 63	Resp: 26645
Ion Ratio	Lower Upper
63	100
65	33.7 22.9 42.5
83	13.0 10.1 18.9



#22

cis-1,2-Dichloroethene

Concen: 0.965 ug/L

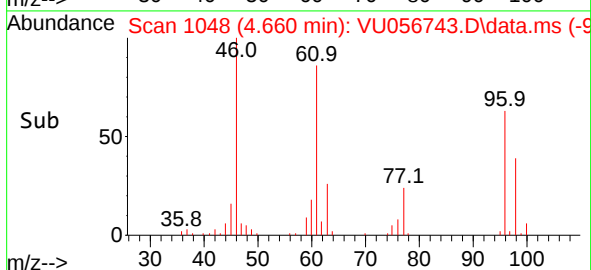
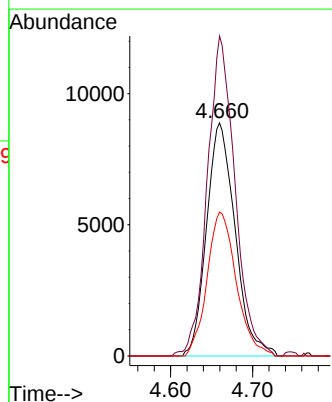
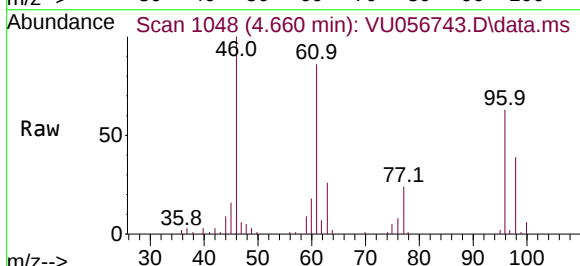
RT: 4.660 min Scan# 1048

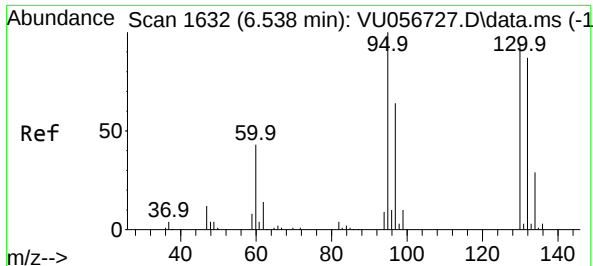
Delta R.T. -0.003 min

Lab File: VU056743.D

Acq: 11 Dec 2023 19:43

Tgt Ion: 96	Resp: 21523
Ion Ratio	Lower Upper
96	100
61	137.2 91.3 169.6
98	61.7 44.2 82.0

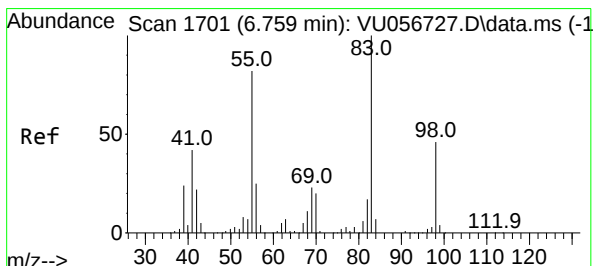
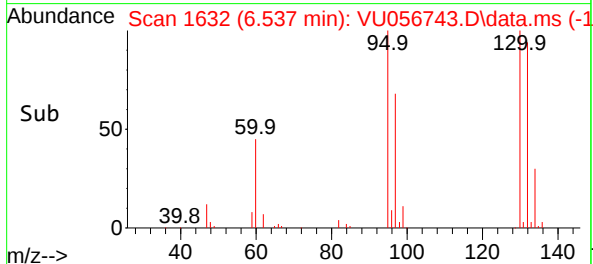
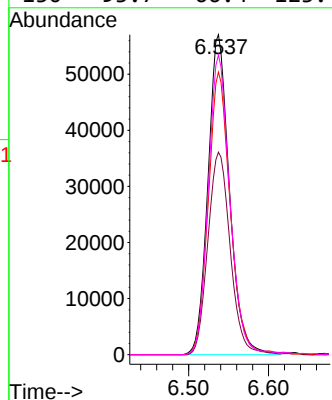
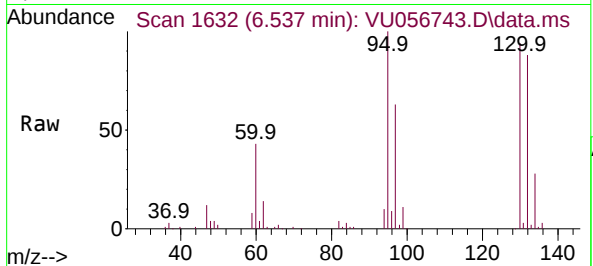




#34
Trichloroethene
Concen: 4.364 ug/L
RT: 6.537 min Scan# 1678
Delta R.T. -0.000 min
Lab File: VU056743.D
Acq: 11 Dec 2023 19:43

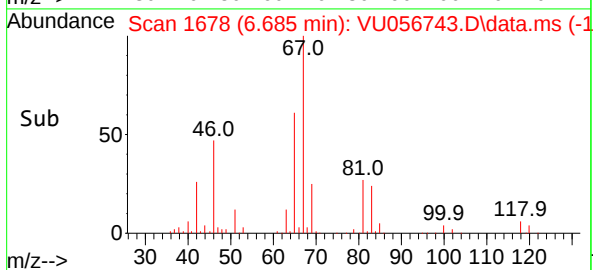
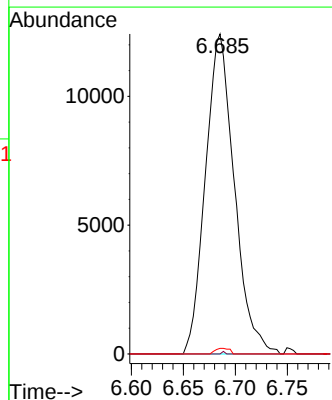
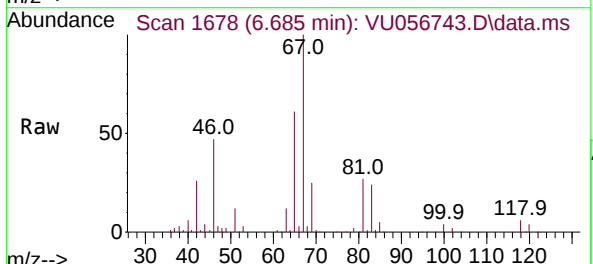
Instrument :
MSVOA_U
ClientSampleId :

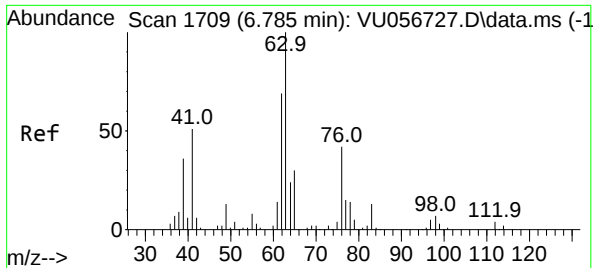
Tgt Ion: 95 Resp: 106604
Ion Ratio Lower Upper
95 100
97 63.3 46.1 85.5
132 88.3 63.6 118.0
130 93.7 66.4 123.4



#35
Methylcyclohexane
Concen: 0.667 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU056743.D
Acq: 11 Dec 2023 19:43

Tgt Ion: 83 Resp: 24043
Ion Ratio Lower Upper
83 100
55 0.1 64.6 97.0#
98 0.9 36.1 54.1#

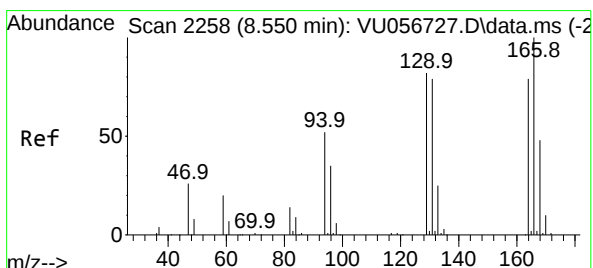
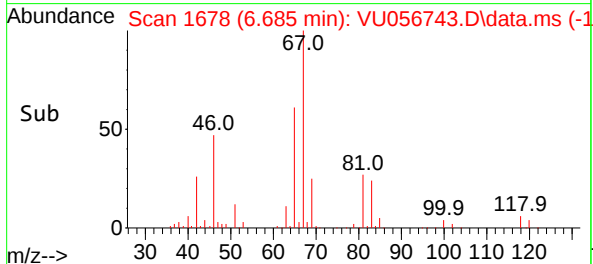
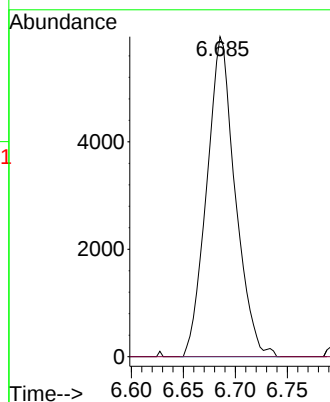
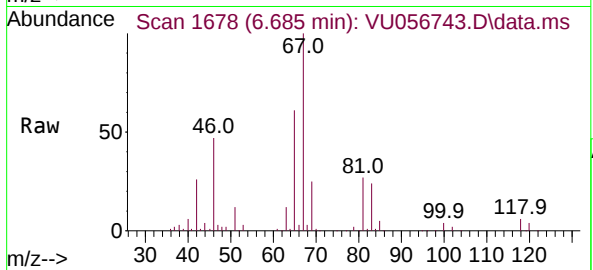




#37
1,2-Dichloropropane
Concen: 0.497 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU056743.D
Acq: 11 Dec 2023 19:43

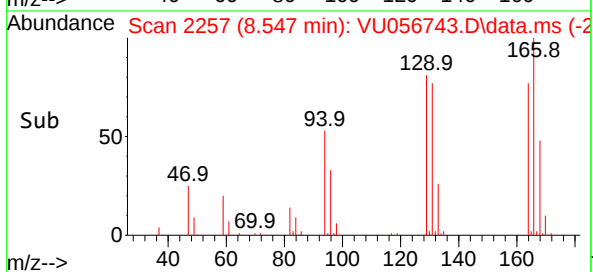
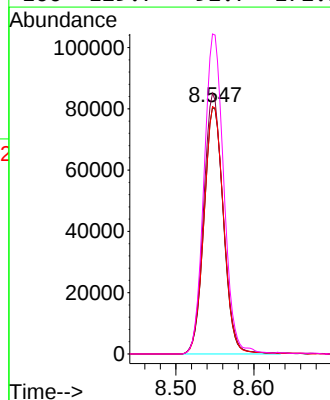
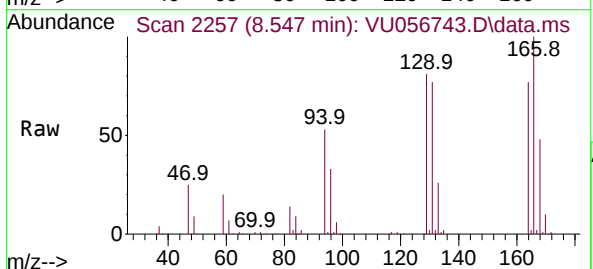
Instrument :
MSVOA_U
ClientSampleId :

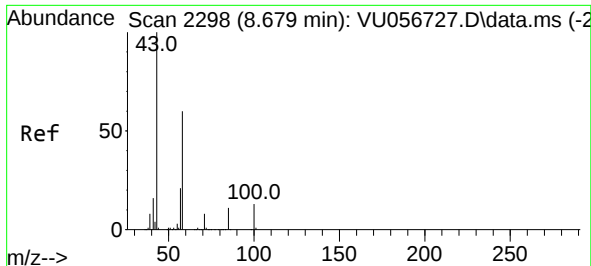
Tgt Ion: 63 Resp: 11329
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#



#47
Tetrachloroethene
Concen: 8.202 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.003 min
Lab File: VU056743.D
Acq: 11 Dec 2023 19:43

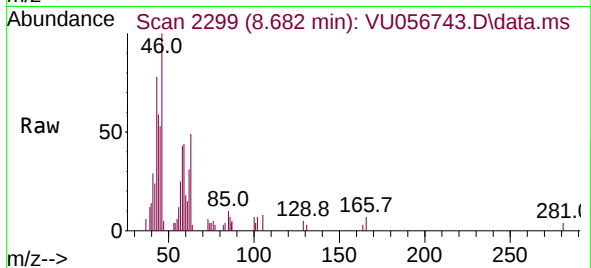
Tgt Ion:164 Resp: 140234
Ion Ratio Lower Upper
164 100
129 105.7 73.4 136.4
131 100.3 71.5 132.9
166 129.7 92.7 172.1



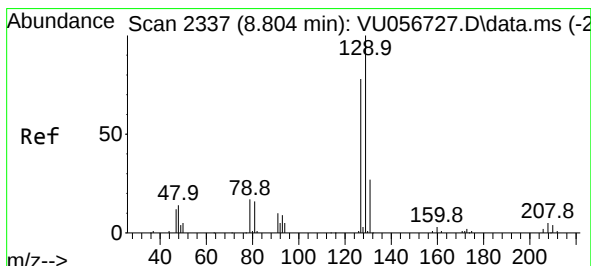
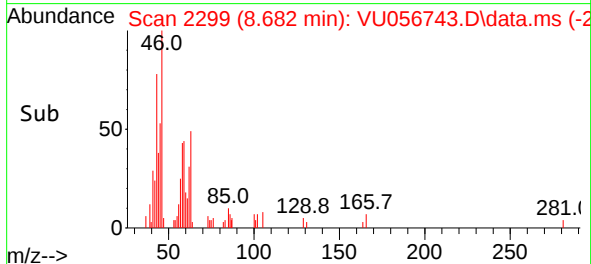
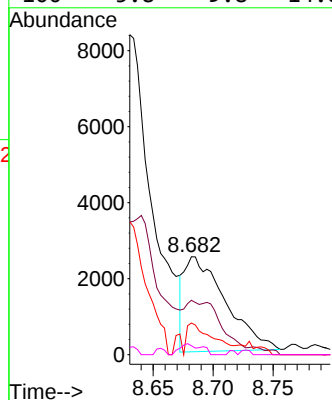


#48
2-Hexanone
Concen: 0.775 ug/L
RT: 8.682 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU056743.D
Acq: 11 Dec 2023 19:43

Instrument :
MSVOA_U
ClientSampleId :

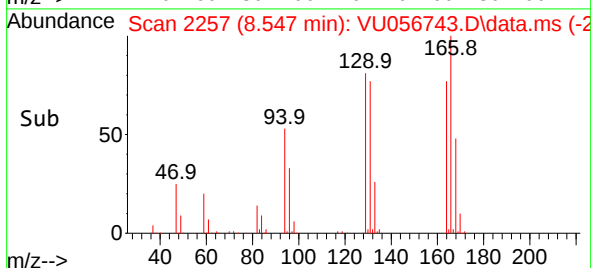
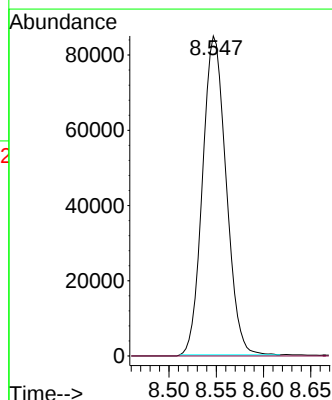
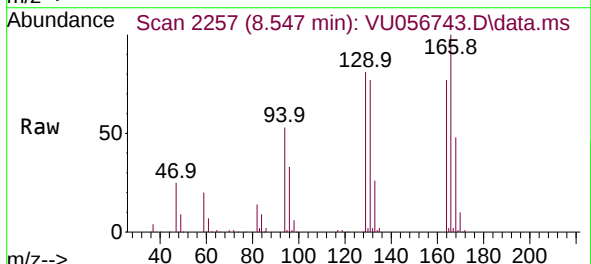


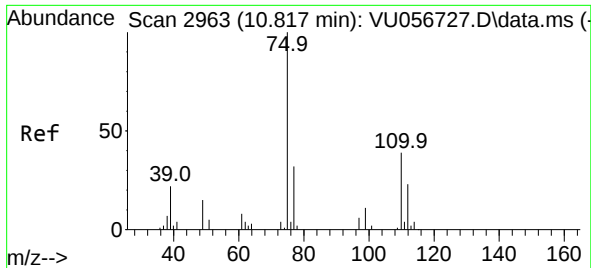
Tgt Ion: 43 Resp: 5975
Ion Ratio Lower Upper
43 100
58 0.0 47.5 71.3#
57 21.1 17.0 25.4
100 5.8 9.8 14.8#



#49
Dibromochloromethane
Concen: 8.287 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.257 min
Lab File: VU056743.D
Acq: 11 Dec 2023 19:43

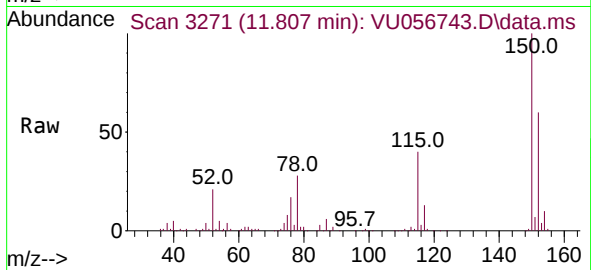
Tgt Ion: 129 Resp: 146716
Ion Ratio Lower Upper
129 100
127 0.0 53.9 100.1#





#61
 1,2,3-Trichloropropane
 Concen: 1.200 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU056743.D
 Acq: 11 Dec 2023 19:43

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Tgt Ion: 75 Resp: 13370
 Ion Ratio Lower Upper
 75 100
 110 2.1 28.4 42.6#
 77 35.5 26.3 39.5

