

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011224\
 Data File : VU057481.D
 Acq On : 12 Jan 2024 14:40
 Operator : MD/SY
 Sample : P1062-19 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 13 01:38:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011124WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jan 13 01:34:13 2024
 Response via : Initial Calibration

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

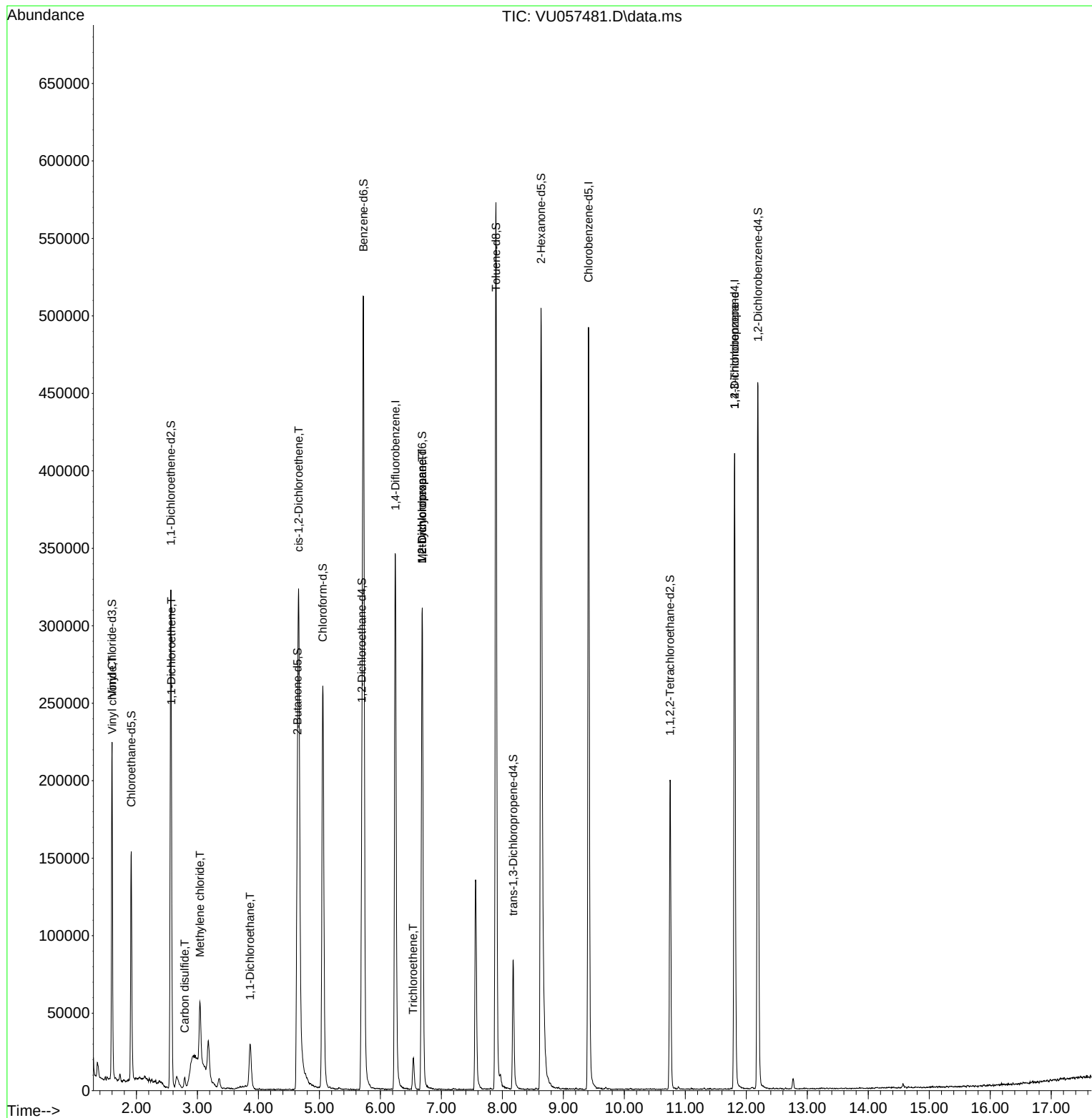
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	276098	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	278986	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	103583	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	139556	4.982	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.600%
7) Chloroethane-d5	1.914	69	114050	5.232	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.600%
11) 1,1-Dichloroethene-d2	2.564	65	60688	5.123	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.400%
20) 2-Butanone-d5	4.637	46	262324	49.508	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.020%
24) Chloroform-d	5.055	84	250353	5.173	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.400%
26) 1,2-Dichloroethane-d4	5.695	65	119500	5.127	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.600%
32) Benzene-d6	5.721	84	482260	4.739	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
36) 1,2-Dichloropropane-d6	6.686	67	150657	4.749	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.000%
41) Toluene-d8	7.895	98	382197	4.449	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.000%
43) trans-1,3-Dichloroprop...	8.178	79	49181	4.459	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.200%
46) 2-Hexanone-d5	8.634	63	172397	43.170	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.340%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	102941	4.804	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	119084	5.725	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.400%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	23367	1.122	ug/L	88
12) 1,1-Dichloroethene	2.573	96	7684	0.476	ug/L #	1
14) Carbon disulfide	2.792	76	9718	0.216	ug/L	97
16) Methylene chloride	3.039	84	20426	0.936	ug/L	92
19) 1,1-Dichloroethane	3.863	63	31813	0.881	ug/L	97
22) cis-1,2-Dichloroethene	4.660	96	122820	6.589	ug/L	98
34) Trichloroethene	6.538	95	7357	0.342	ug/L	95
35) Methylcyclohexane	6.686	83	33520	1.171	ug/L #	15
37) 1,2-Dichloropropane	6.686	63	16270	0.700	ug/L #	91
61) 1,2,3-Trichloropropane	11.808	75	14469	1.493	ug/L #	66

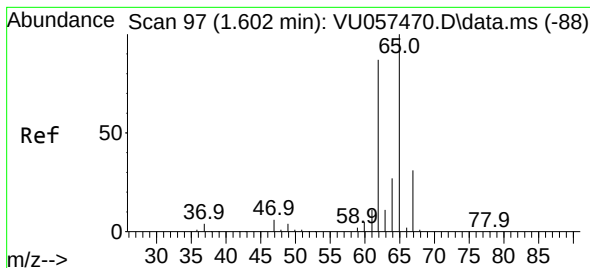
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 13 01:38:05 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011124WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jan 13 01:34:13 2024
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.122 ug/L

RT: 1.602 min Scan# 91

Delta R.T. 0.000 min

Lab File: VU057481.D

Acq: 12 Jan 2024 14:40

Instrument :

MSVOA_U

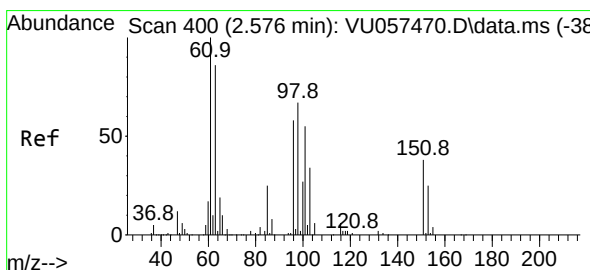
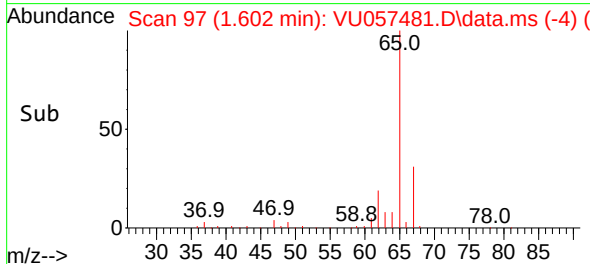
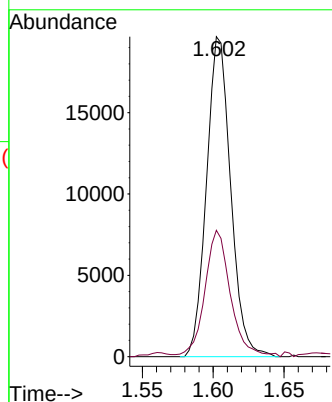
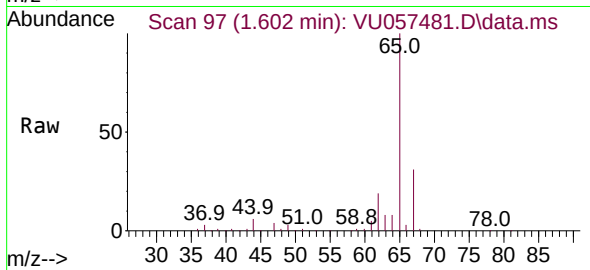
ClientSampleId :

Tgt Ion: 62 Resp: 23367

Ion Ratio Lower Upper

62 100

64 39.5 22.9 42.5



#12

1,1-Dichloroethene

Concen: 0.476 ug/L

RT: 2.573 min Scan# 399

Delta R.T. -0.003 min

Lab File: VU057481.D

Acq: 12 Jan 2024 14:40

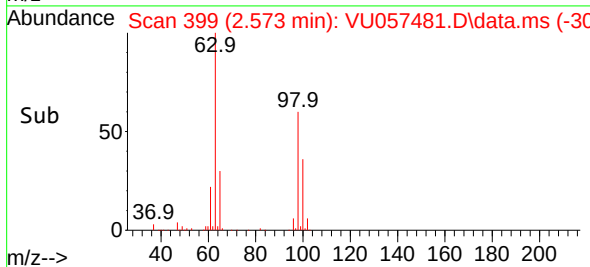
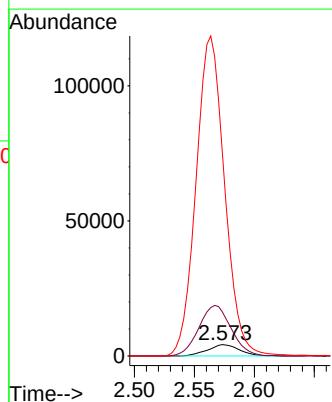
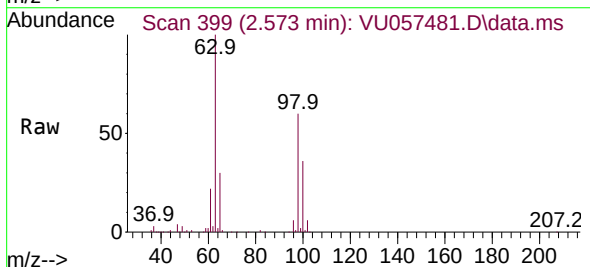
Tgt Ion: 96 Resp: 7684

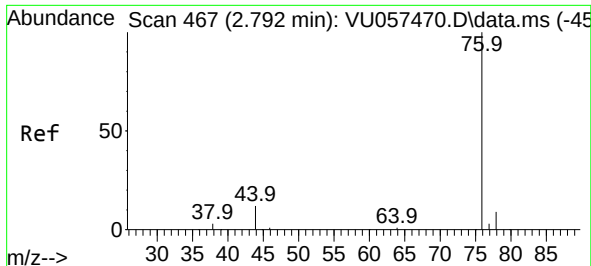
Ion Ratio Lower Upper

96 100

61 390.3 130.9 243.1#

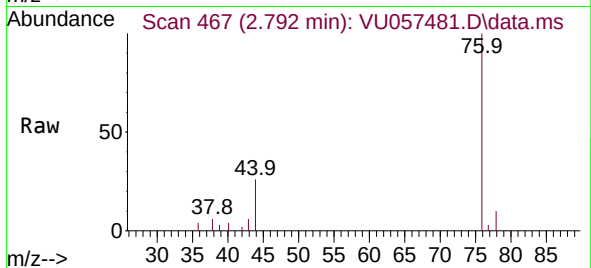
63 1808.7 114.8 213.2#



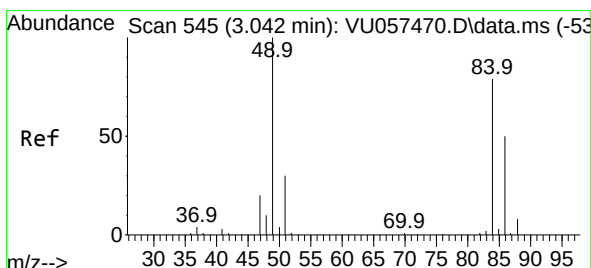
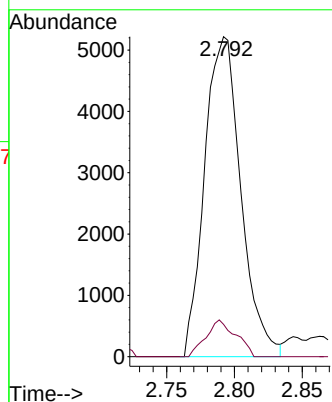
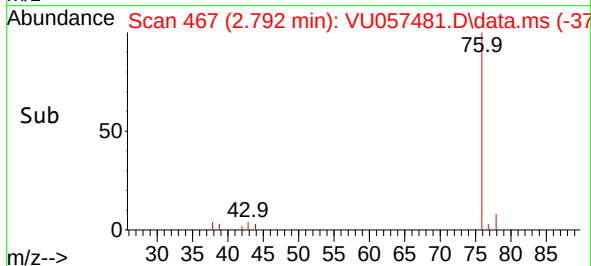


#14
Carbon disulfide
Concen: 0.216 ug/L
RT: 2.792 min Scan# 467
Delta R.T. 0.000 min
Lab File: VU057481.D
Acq: 12 Jan 2024 14:40

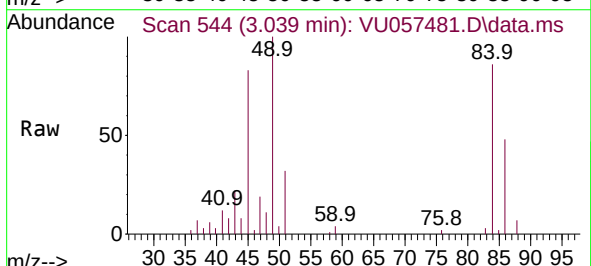
Instrument :
MSVOA_U
ClientSampleId :



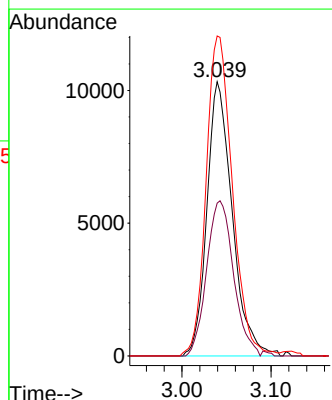
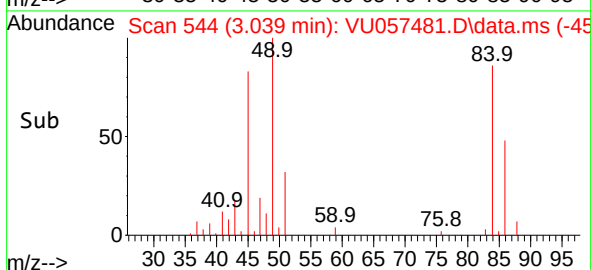
Tgt Ion: 76 Resp: 9718
Ion Ratio Lower Upper
76 100
78 10.1 7.3 10.9

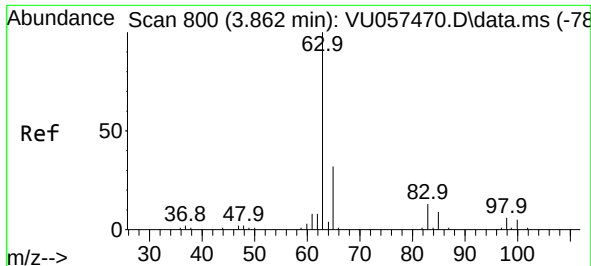


#16
Methylene chloride
Concen: 0.936 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.003 min
Lab File: VU057481.D
Acq: 12 Jan 2024 14:40



Tgt Ion: 84 Resp: 20426
Ion Ratio Lower Upper
84 100
86 55.7 45.8 85.2
49 116.7 86.7 161.1





#19

1,1-Dichloroethane

Concen: 0.881 ug/L

RT: 3.863 min Scan# 80

Delta R.T. 0.000 min

Lab File: VU057481.D

Acq: 12 Jan 2024 14:40

Instrument :

MSVOA_U

ClientSampleId :

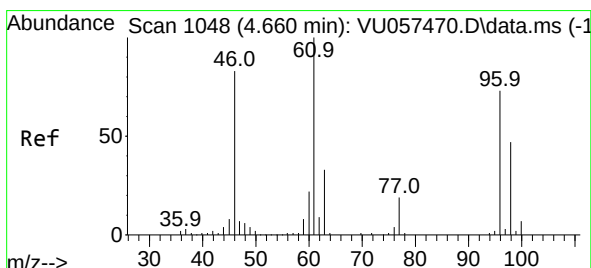
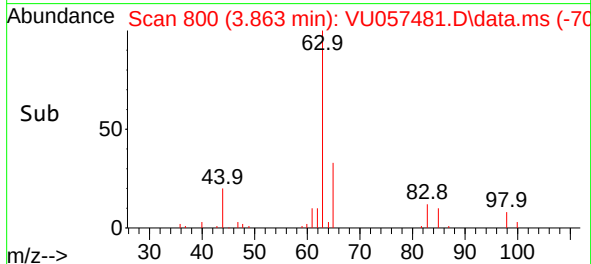
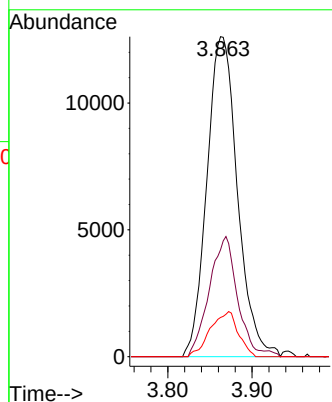
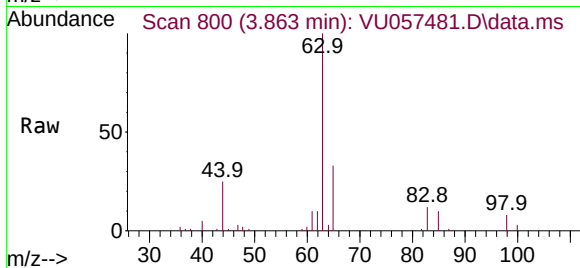
Tgt Ion: 63 Resp: 31813

Ion Ratio Lower Upper

63 100

65 33.4 22.3 41.3

83 12.2 9.1 16.9



#22

cis-1,2-Dichloroethene

Concen: 6.589 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. 0.000 min

Lab File: VU057481.D

Acq: 12 Jan 2024 14:40

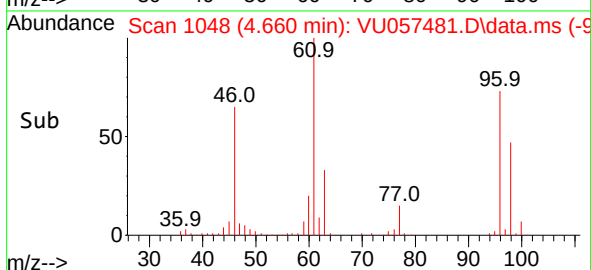
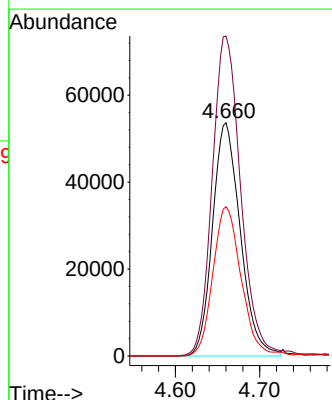
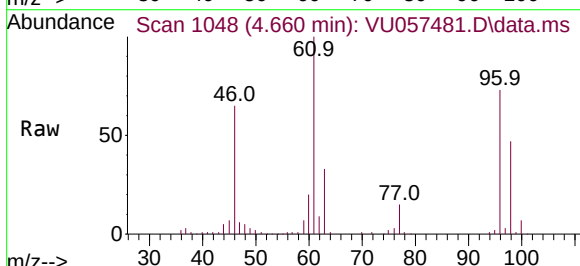
Tgt Ion: 96 Resp: 122820

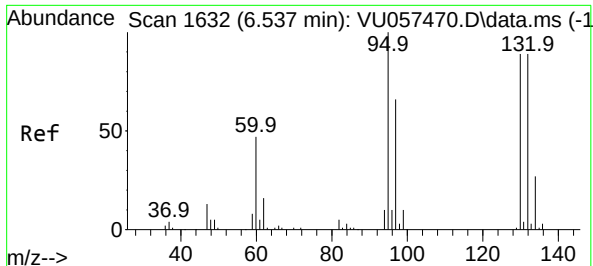
Ion Ratio Lower Upper

96 100

61 137.2 93.4 173.4

98 64.0 44.9 83.3

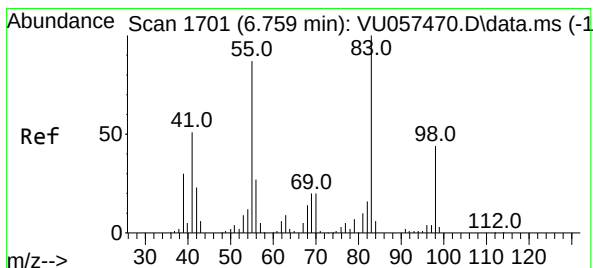
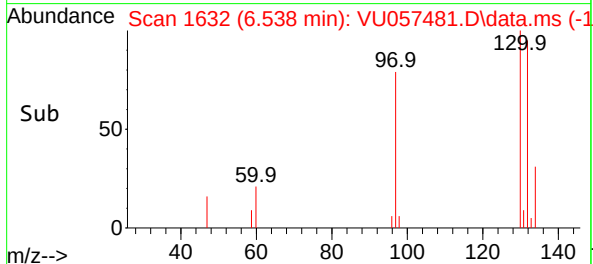
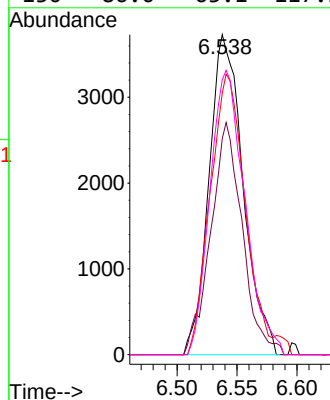
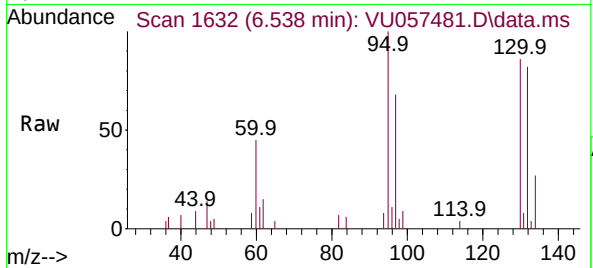




#34
Trichloroethene
Concen: 0.342 ug/L
RT: 6.538 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VU057481.D
Acq: 12 Jan 2024 14:40

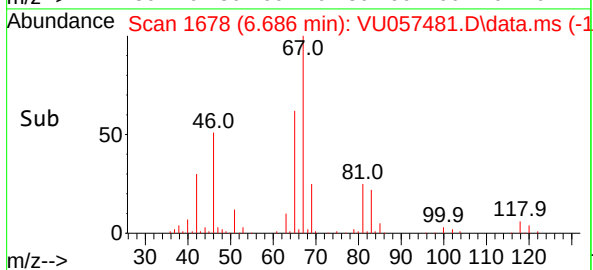
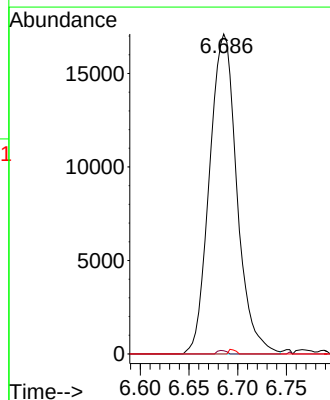
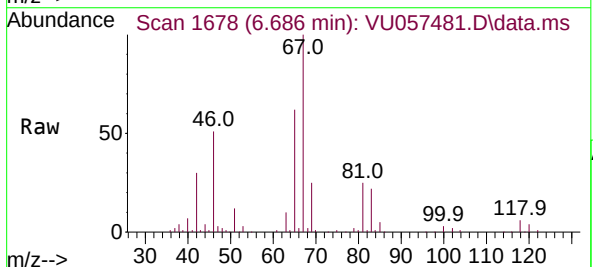
Instrument :
MSVOA_U
ClientSampleId :

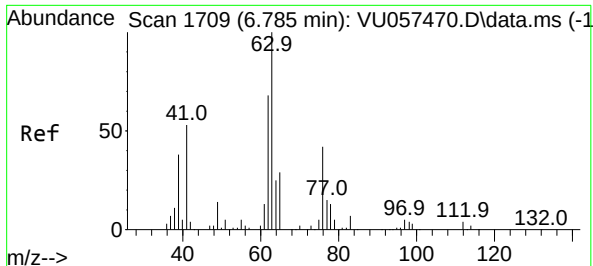
Tgt Ion: 95 Resp: 7357
Ion Ratio Lower Upper
95 100
97 67.6 45.0 83.6
132 81.7 61.7 114.5
130 86.0 63.1 117.3



#35
Methylcyclohexane
Concen: 1.171 ug/L
RT: 6.686 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU057481.D
Acq: 12 Jan 2024 14:40

Tgt Ion: 83 Resp: 33520
Ion Ratio Lower Upper
83 100
55 0.4 68.7 103.1#
98 0.4 36.3 54.5#

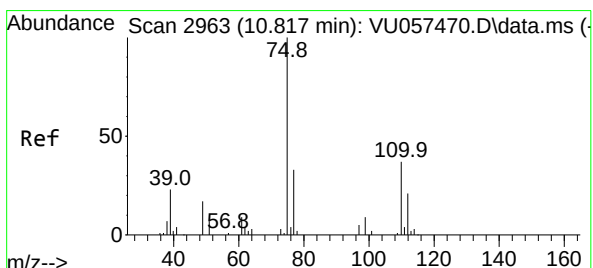
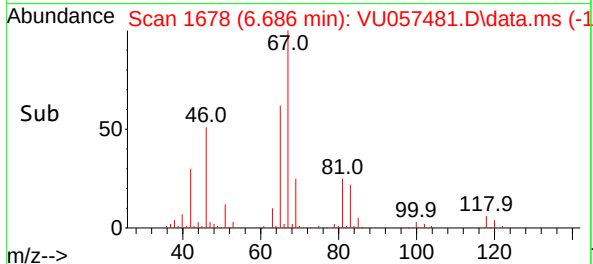
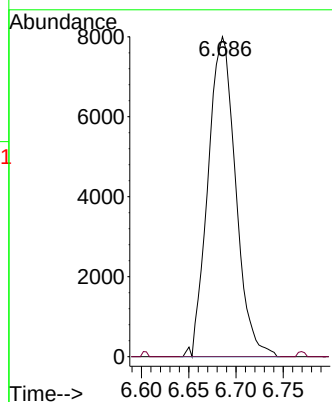
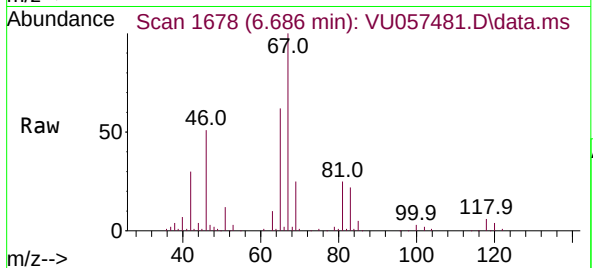




#37
 1,2-Dichloropropane
 Concen: 0.700 ug/L
 RT: 6.686 min Scan# 1
 Delta R.T. -0.099 min
 Lab File: VU057481.D
 Acq: 12 Jan 2024 14:40

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 63 Resp: 16270
 Ion Ratio Lower Upper
 63 100
 112 0.4 2.7 4.1#



#61
 1,2,3-Trichloropropane
 Concen: 1.493 ug/L
 RT: 11.808 min Scan# 3271
 Delta R.T. 0.991 min
 Lab File: VU057481.D
 Acq: 12 Jan 2024 14:40

Tgt Ion: 75 Resp: 14469
 Ion Ratio Lower Upper
 75 100
 110 1.9 29.4 44.0#
 77 36.4 26.2 39.4

