

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040524\
 Data File : VU058447.D
 Acq On : 06 Apr 2024 02:32
 Operator : MD/SY
 Sample : P1948-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 06 06:01:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 06 00:37:11 2024
 Response via : Initial Calibration

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

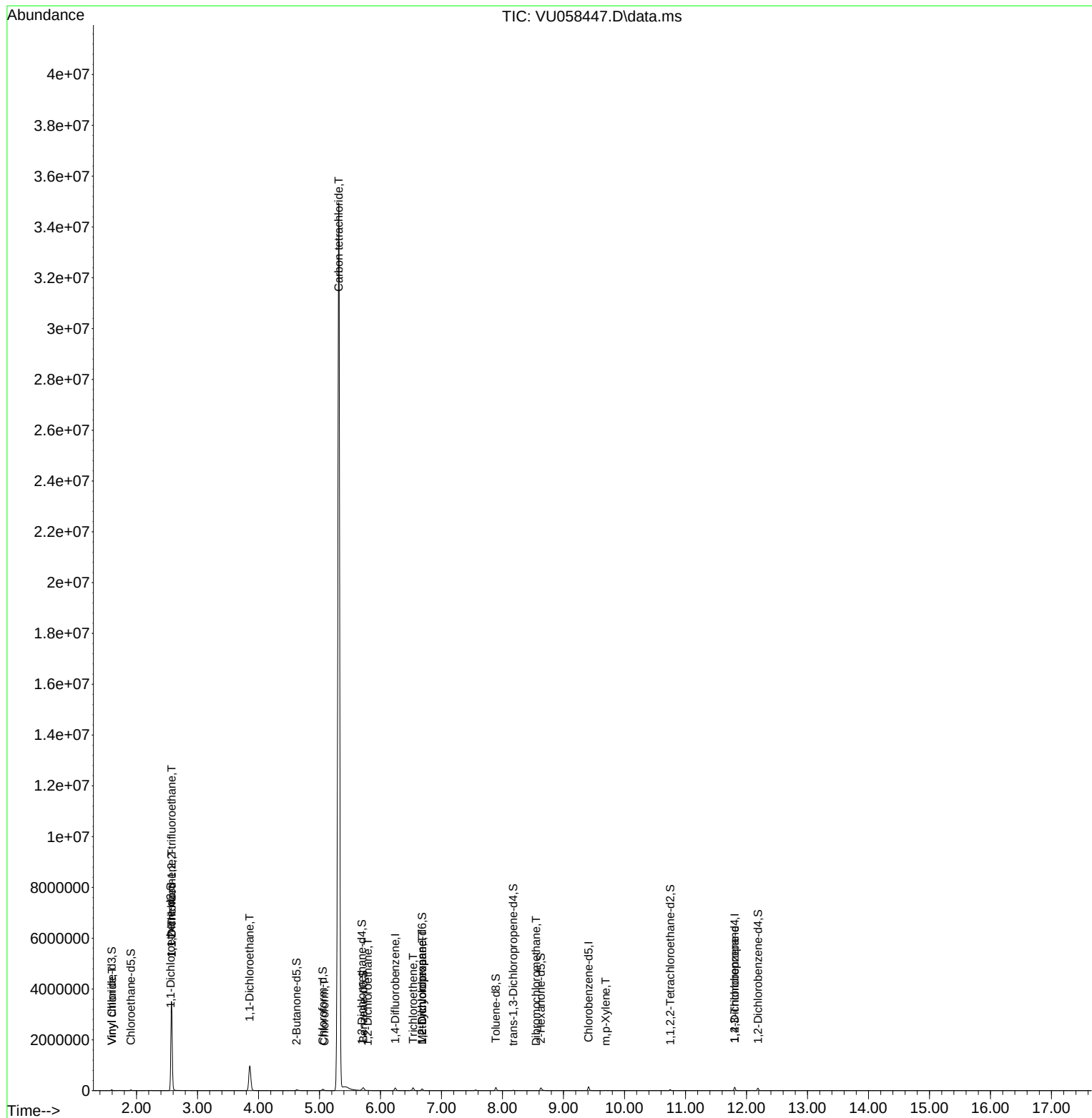
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	82825	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	79593	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	34573	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	21506	3.922	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.400%
7) Chloroethane-d5	1.907	69	20704	4.345	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.800%
11) 1,1-Dichloroethene-d2	2.560	65	11291	4.549	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.000%
20) 2-Butanone-d5	4.624	46	53969	46.702	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.400%
24) Chloroform-d	5.052	84	50264	4.592	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
26) 1,2-Dichloroethane-d4	5.695	65	24084	4.714	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
32) Benzene-d6	5.718	84	98137	4.580	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
36) 1,2-Dichloropropane-d6	6.682	67	32305	4.807	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.200%
41) Toluene-d8	7.891	98	82493	4.341	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.800%
43) trans-1,3-Dichloroprop...	8.174	79	9737	4.668	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.400%
46) 2-Hexanone-d5	8.627	63	38922	45.238	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.480%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	20408	4.302	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	25518	4.382	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.600%
Target Compounds						
5) Vinyl chloride	1.599	62	1369	0.162	ug/L #	69
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	2674	0.404	ug/L #	32
12) 1,1-Dichloroethene	2.573	96	1095291	186.598	ug/L #	76
19) 1,1-Dichloroethane	3.856	63	1138261	84.770	ug/L	98
25) Chloroform	5.081	83	5085	0.391	ug/L	98
27) 1,2-Dichloroethane	5.792	62	4428	0.560	ug/L #	76
31) Carbon tetrachloride	5.316	117	2940522	325.376	ug/L	100
34) Trichloroethene	6.534	95	37996	5.224	ug/L	97
35) Methylcyclohexane	6.682	83	6950	0.634	ug/L #	25
37) 1,2-Dichloropropane	6.682	63	3539	0.466	ug/L #	93
49) Dibromochloromethane	8.550	129	734	0.143	ug/L #	11
53) m,p-Xylene	9.692	106	2601	0.227	ug/L	95
61) 1,2,3-Trichloropropane	11.807	75	4654	1.319	ug/L #	69

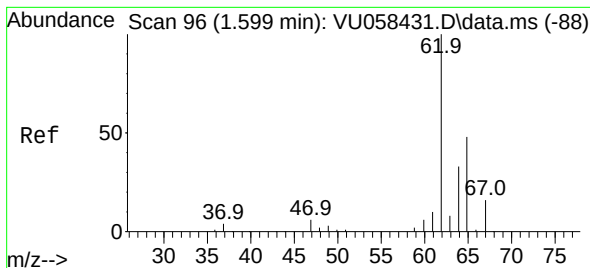
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.162 ug/L

RT: 1.599 min Scan# 90

Delta R.T. 0.000 min

Lab File: VU058447.D

Acq: 06 Apr 2024 02:32

Instrument :

MSVOA_U

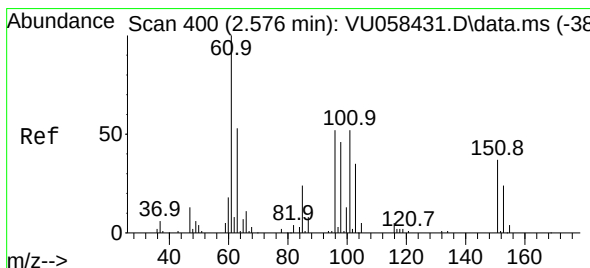
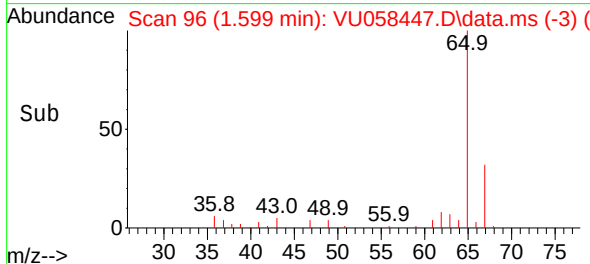
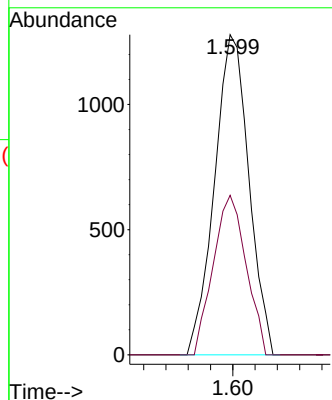
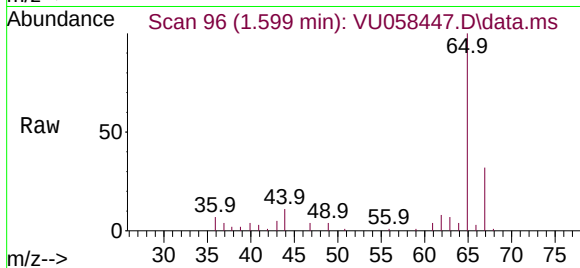
ClientSampleId :

Tgt Ion: 62 Resp: 1369

Ion Ratio Lower Upper

62 100

64 49.8 22.6 42.0#



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.404 ug/L

RT: 2.573 min Scan# 399

Delta R.T. -0.003 min

Lab File: VU058447.D

Acq: 06 Apr 2024 02:32

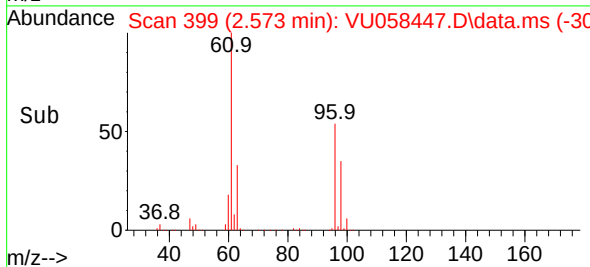
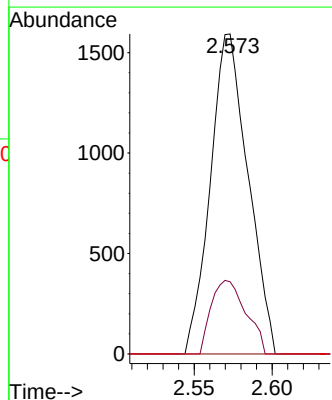
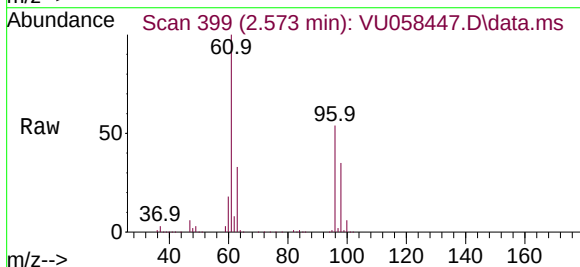
Tgt Ion:101 Resp: 2674

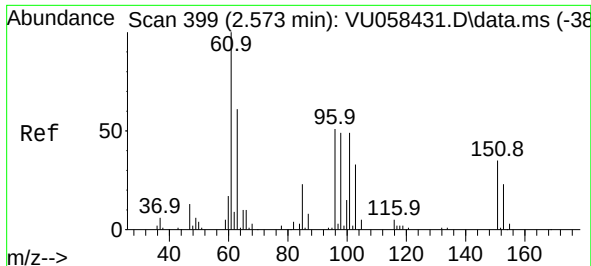
Ion Ratio Lower Upper

101 100

85 21.2 36.8 55.2#

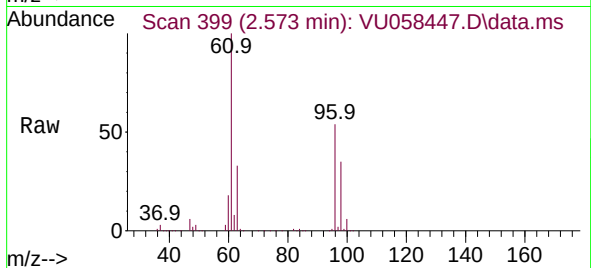
151 0.0 58.2 87.4#



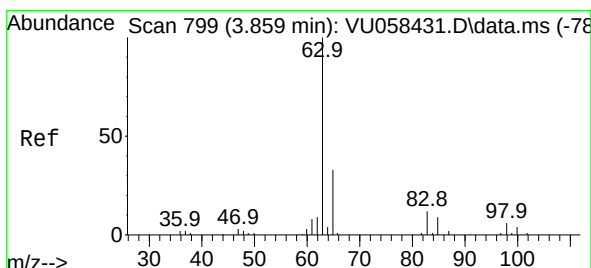
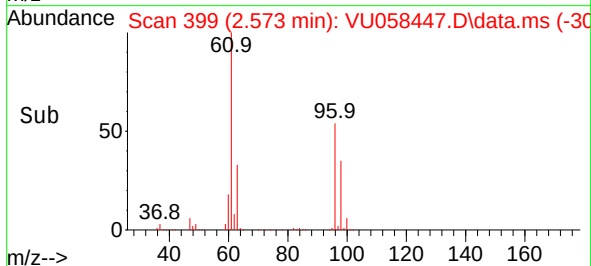
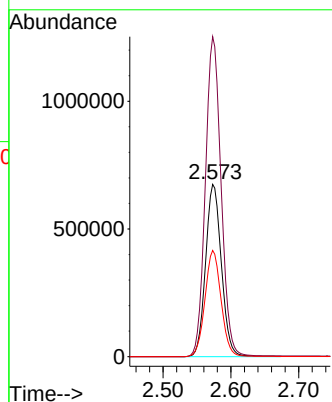


#12
1,1-Dichloroethene
Concen: 186.598 ug/L
RT: 2.573 min Scan# 399
Delta R.T. 0.000 min
Lab File: VU058447.D
Acq: 06 Apr 2024 02:32

Instrument :
MSVOA_U
ClientSampleId :

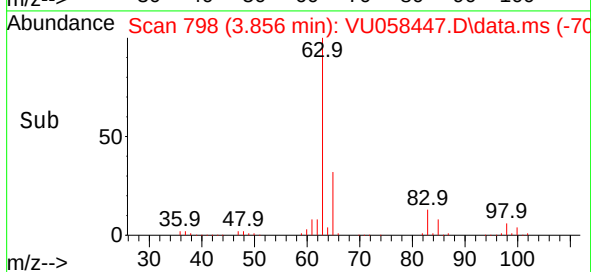
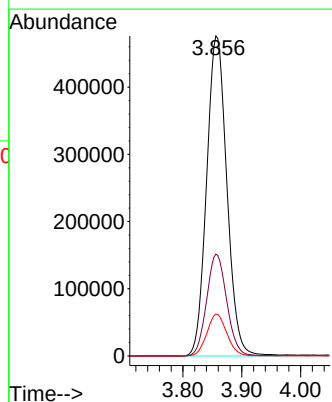
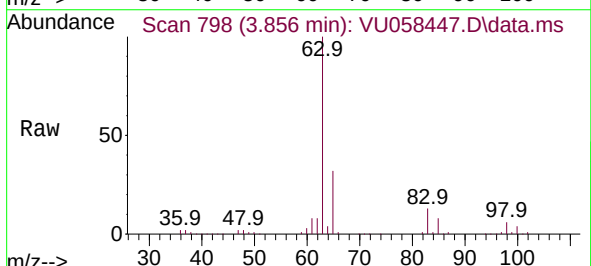


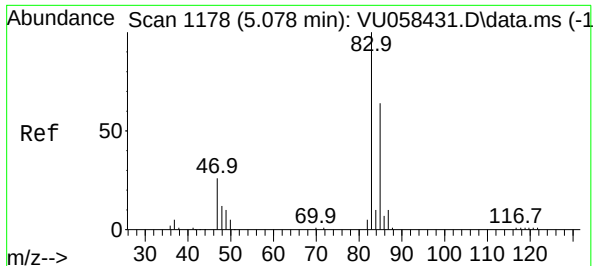
Tgt Ion: 96 Resp: 1095291
Ion Ratio Lower Upper
96 100
61 185.7 132.5 246.1
63 61.7 87.7 162.9#



#19
1,1-Dichloroethane
Concen: 84.770 ug/L
RT: 3.856 min Scan# 798
Delta R.T. -0.003 min
Lab File: VU058447.D
Acq: 06 Apr 2024 02:32

Tgt Ion: 63 Resp: 1138261
Ion Ratio Lower Upper
63 100
65 31.8 22.9 42.5
83 13.1 9.6 17.8





#25

Chloroform

Concen: 0.391 ug/L

RT: 5.081 min Scan# 1178

Delta R.T. 0.003 min

Lab File: VU058447.D

Acq: 06 Apr 2024 02:32

Instrument :

MSVOA_U

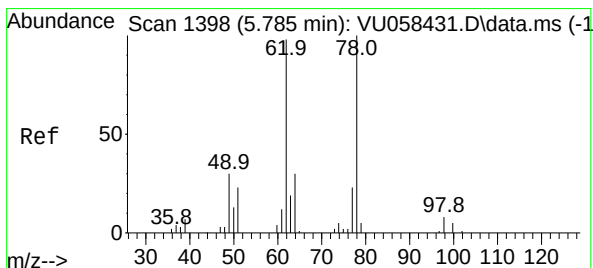
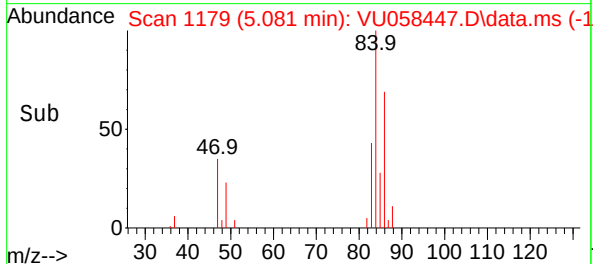
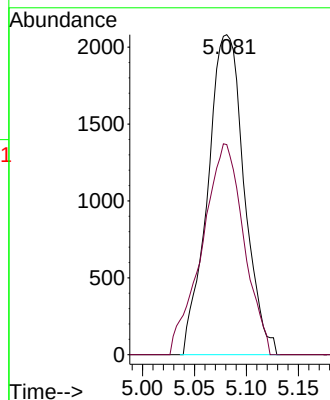
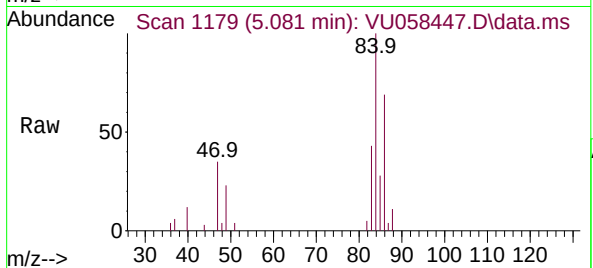
ClientSampleId :

Tgt Ion: 83 Resp: 5085

Ion Ratio Lower Upper

83 100

85 65.6 44.7 83.1



#27

1,2-Dichloroethane

Concen: 0.560 ug/L

RT: 5.792 min Scan# 1400

Delta R.T. 0.006 min

Lab File: VU058447.D

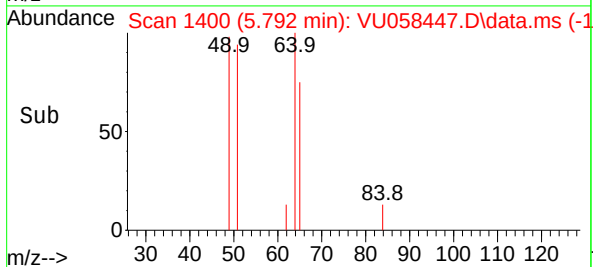
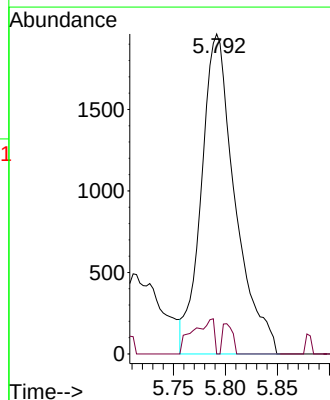
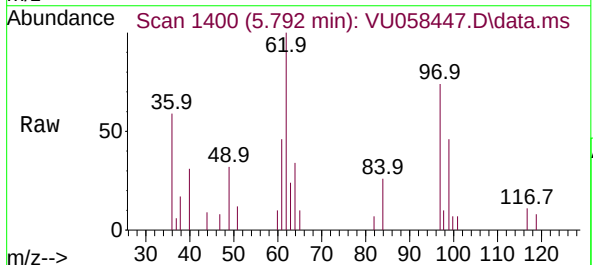
Acq: 06 Apr 2024 02:32

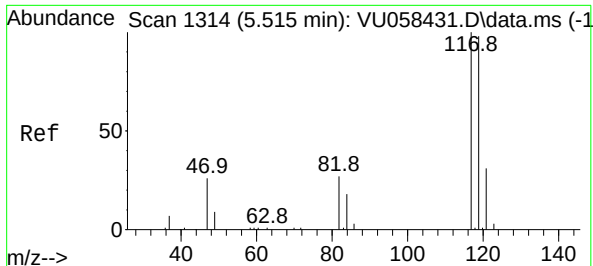
Tgt Ion: 62 Resp: 4428

Ion Ratio Lower Upper

62 100

98 0.0 7.0 10.4#

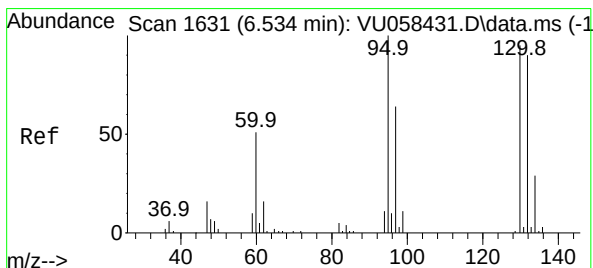
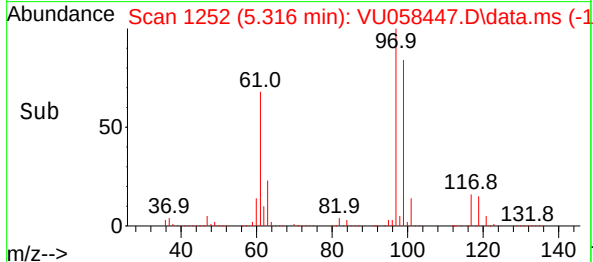
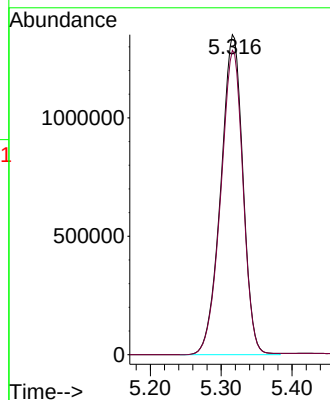
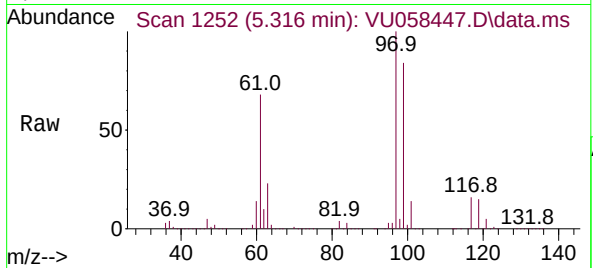




#31
Carbon tetrachloride
Concen: 325.376 ug/L
RT: 5.316 min Scan# 117
Delta R.T. -0.199 min
Lab File: VU058447.D
Acq: 06 Apr 2024 02:32

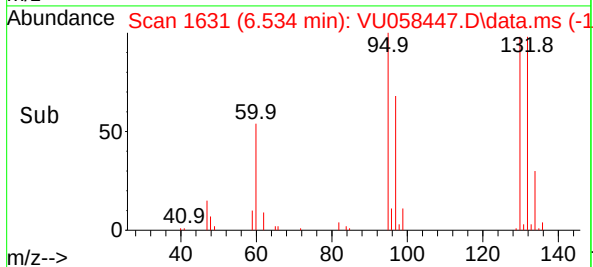
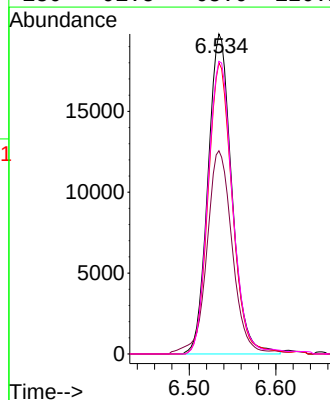
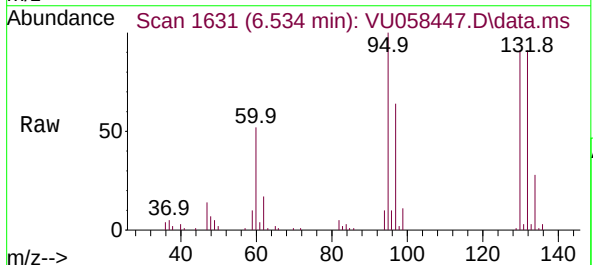
Instrument :
MSVOA_U
ClientSampleId :

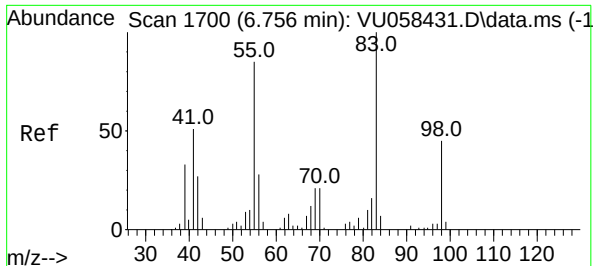
Tgt Ion:117 Resp: 2940522
Ion Ratio Lower Upper
117 100
119 95.7 76.7 115.1



#34
Trichloroethene
Concen: 5.224 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VU058447.D
Acq: 06 Apr 2024 02:32

Tgt Ion: 95 Resp: 37996
Ion Ratio Lower Upper
95 100
97 63.5 45.6 84.6
132 91.0 64.8 120.3
130 91.5 68.0 126.2





#35

Methylcyclohexane

Concen: 0.634 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU058447.D

Acq: 06 Apr 2024 02:32

Instrument :

MSVOA_U

ClientSampleId :

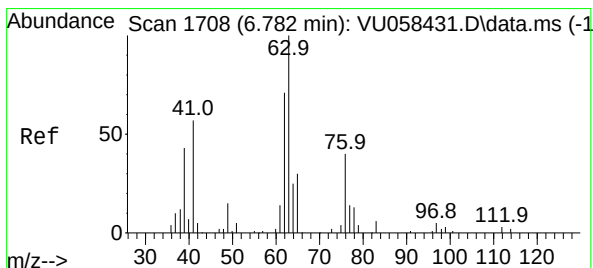
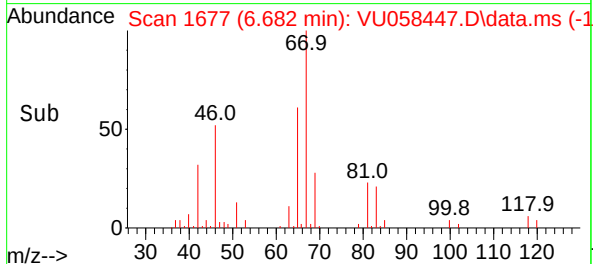
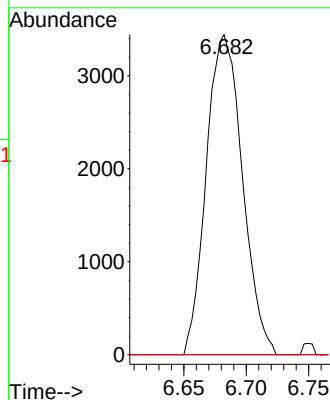
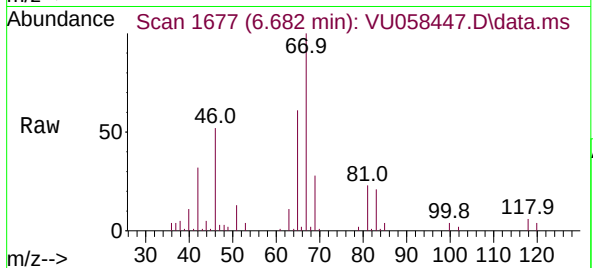
Tgt Ion: 83 Resp: 6950

Ion Ratio Lower Upper

83 100

55 11.8 66.2 99.4#

98 0.0 34.6 52.0#



#37

1,2-Dichloropropane

Concen: 0.466 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.100 min

Lab File: VU058447.D

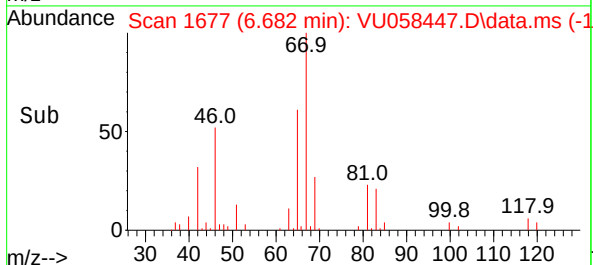
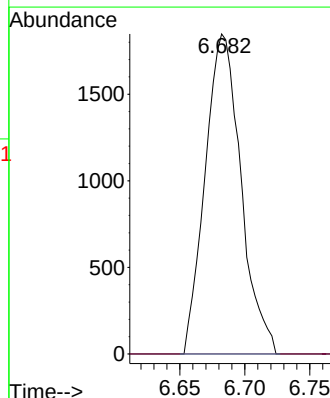
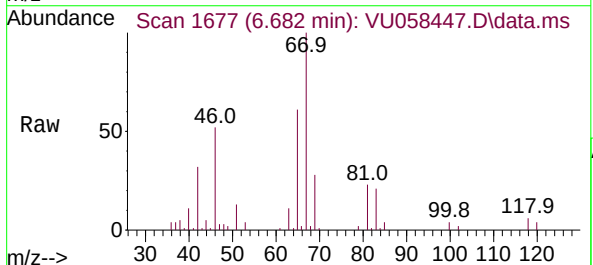
Acq: 06 Apr 2024 02:32

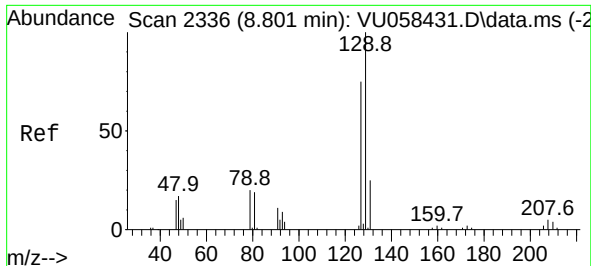
Tgt Ion: 63 Resp: 3539

Ion Ratio Lower Upper

63 100

112 5.6 2.6 4.0#





#49

Dibromochloromethane

Concen: 0.143 ug/L

RT: 8.550 min Scan# 21

Delta R.T. -0.251 min

Lab File: VU058447.D

Acq: 06 Apr 2024 02:32

Instrument :

MSVOA_U

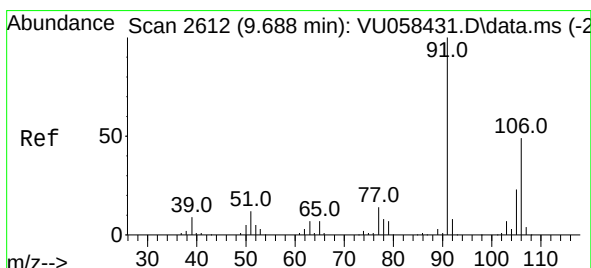
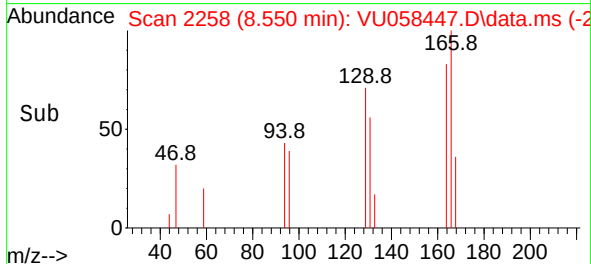
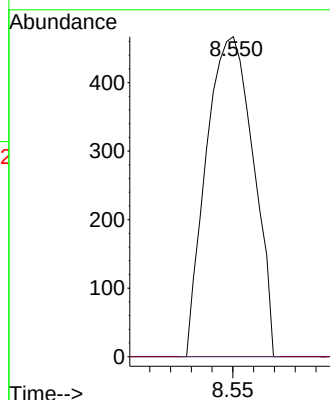
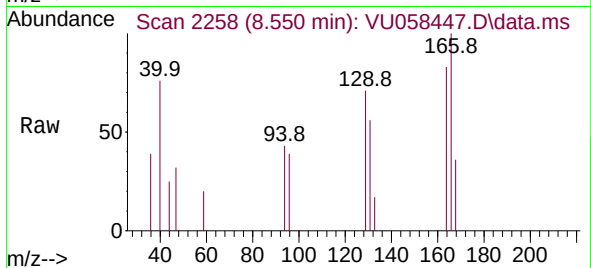
ClientSampleId :

Tgt Ion:129 Resp: 734

Ion Ratio Lower Upper

129 100

127 0.0 53.5 99.5#



#53

m,p-Xylene

Concen: 0.227 ug/L

RT: 9.692 min Scan# 2613

Delta R.T. 0.003 min

Lab File: VU058447.D

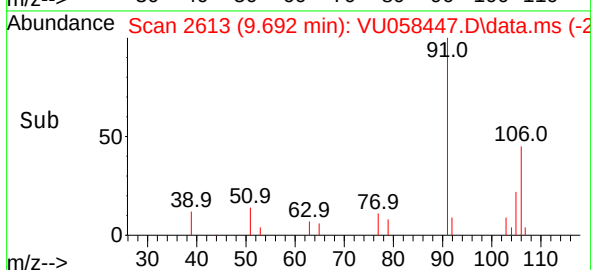
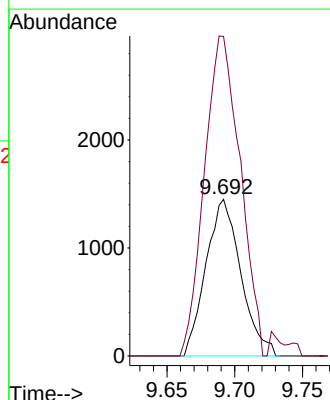
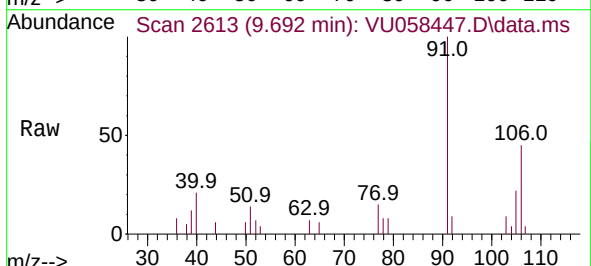
Acq: 06 Apr 2024 02:32

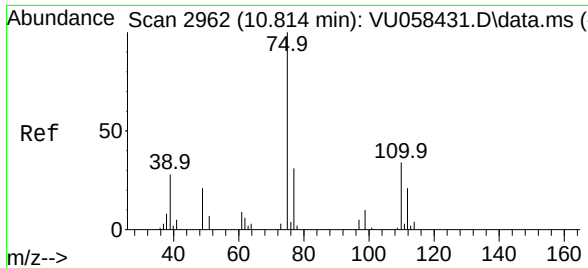
Tgt Ion:106 Resp: 2601

Ion Ratio Lower Upper

106 100

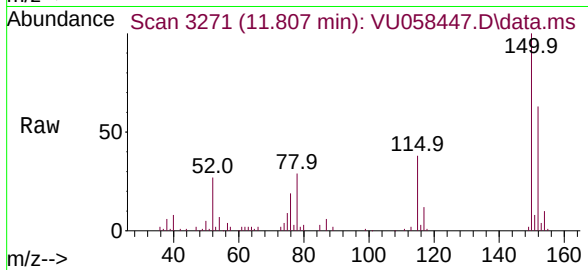
91 203.9 147.8 274.4





#61
 1,2,3-Trichloropropane
 Concen: 1.319 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.994 min
 Lab File: VU058447.D
 Acq: 06 Apr 2024 02:32

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 4654
 Ion Ratio Lower Upper
 75 100
 110 0.0 25.8 38.6#
 77 33.4 25.1 37.7

