

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
 Data File : VU059814.D
 Acq On : 03 Jul 2024 22:06
 Operator : MD/SY
 Sample : P3136-10
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 04 02:13:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 04 02:08:13 2024
 Response via : Initial Calibration

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

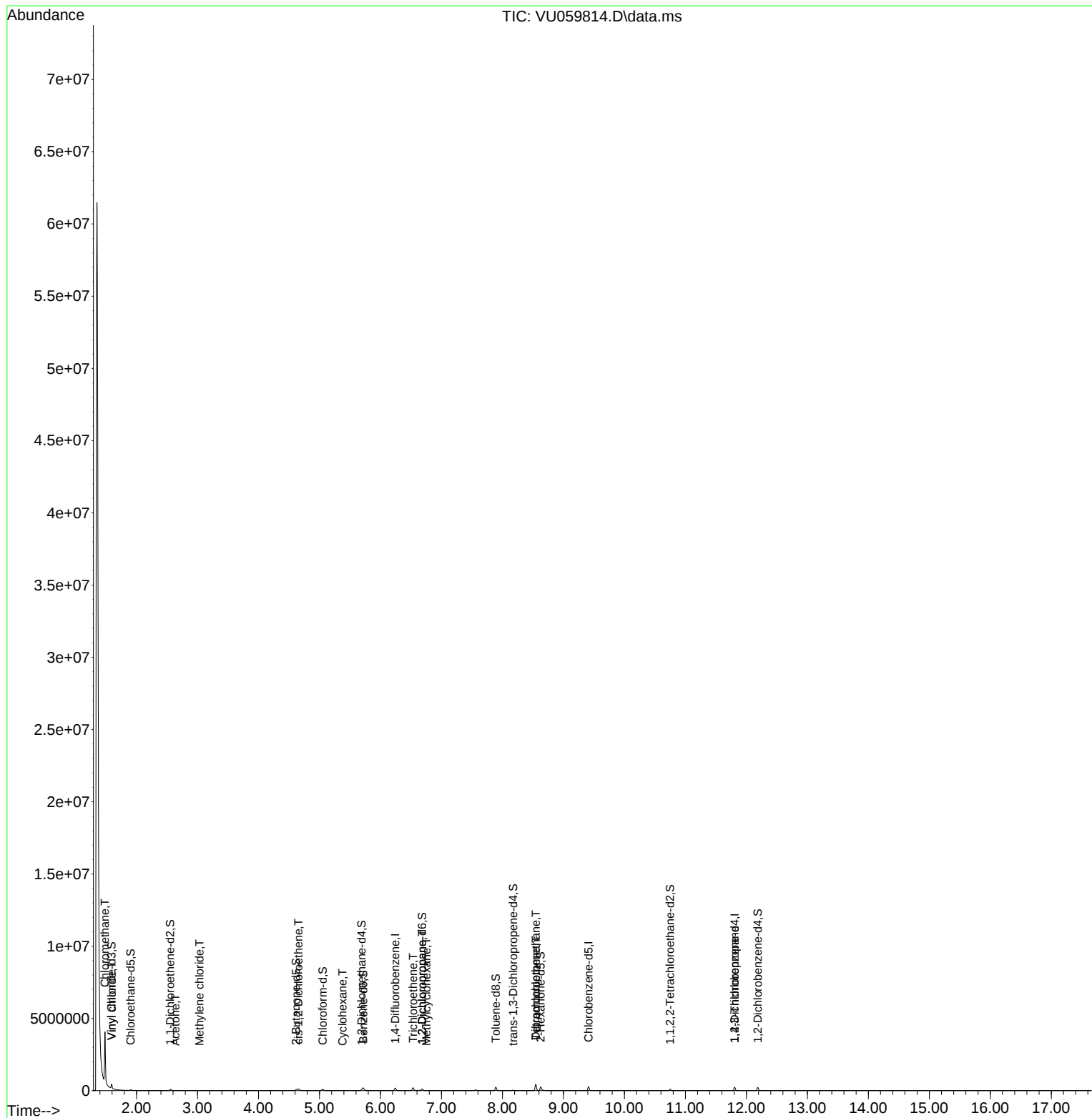
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	152892	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	163364	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	71833	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.589	65	49413	4.648	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.000%
7) Chloroethane-d5	1.904	69	43456	4.248	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.000%
11) 1,1-Dichloroethene-d2	2.554	65	18683	4.236	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.800%
20) 2-Butanone-d5	4.618	46	117026	53.439	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.880%
24) Chloroform-d	5.052	84	97181	4.453	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
26) 1,2-Dichloroethane-d4	5.692	65	48656	4.629	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.600%
32) Benzene-d6	5.717	84	194427	4.324	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.400%
36) 1,2-Dichloropropane-d6	6.682	67	63101	4.580	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.600%
41) Toluene-d8	7.891	98	169548	4.056	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.200%
43) trans-1,3-Dichloroprop...	8.177	79	21046	4.878	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.600%
46) 2-Hexanone-d5	8.627	63	93006	51.887	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.780%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	54987	4.831	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	64063	5.011	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.483	50	24610	1.765	ug/L #	72
5) Vinyl chloride	1.595	62	3102	0.201	ug/L #	66
13) Acetone	2.637	43	6947	4.890	ug/L	100
16) Methylene chloride	3.033	84	3335	0.260	ug/L	93
22) cis-1,2-Dichloroethene	4.656	96	60304	4.851	ug/L	95
30) Cyclohexane	5.377	56	4916	0.295	ug/L #	85
34) Trichloroethene	6.534	95	71267	5.305	ug/L	97
35) Methylcyclohexane	6.756	83	3104	0.162	ug/L	86
37) 1,2-Dichloropropane	6.682	63	6429	0.501	ug/L #	90
47) Tetrachloroethene	8.547	164	103768	9.953	ug/L	95
49) Dibromochloromethane	8.547	129	94963	9.061	ug/L #	12
61) 1,2,3-Trichloropropane	11.807	75	7792	1.174	ug/L #	69

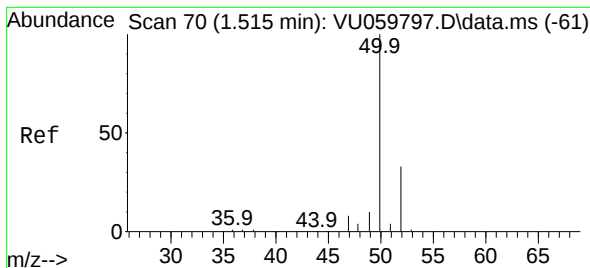
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 1.765 ug/L

RT: 1.483 min Scan# 60

Delta R.T. -0.032 min

Lab File: VU059814.D

Acq: 03 Jul 2024 22:06

Instrument :

MSVOA_U

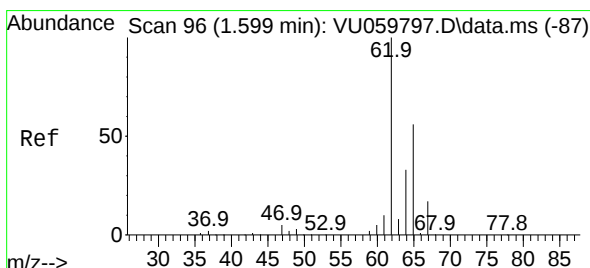
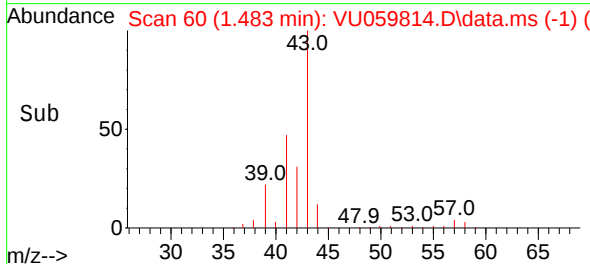
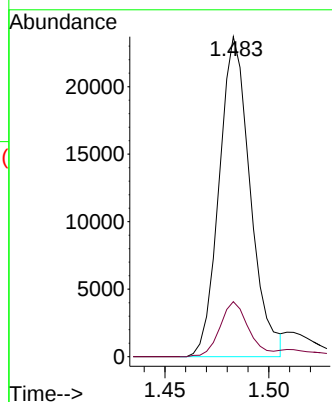
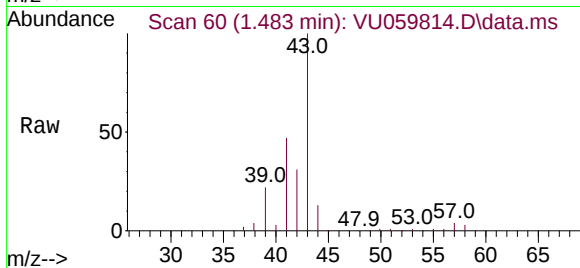
ClientSampleId :

Tgt Ion: 50 Resp: 24610

Ion Ratio Lower Upper

50 100

52 17.2 23.2 43.0#



#5

Vinyl chloride

Concen: 0.201 ug/L

RT: 1.595 min Scan# 95

Delta R.T. -0.003 min

Lab File: VU059814.D

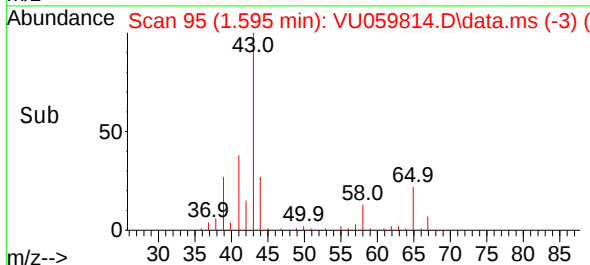
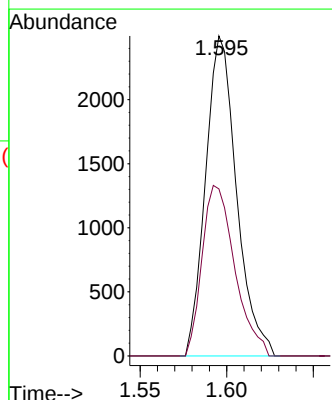
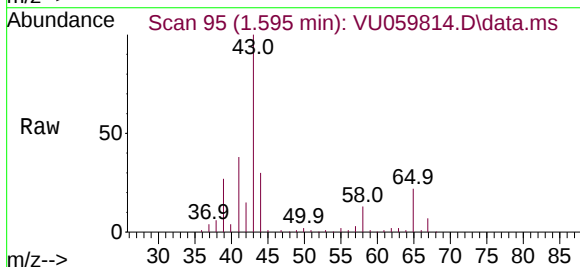
Acq: 03 Jul 2024 22:06

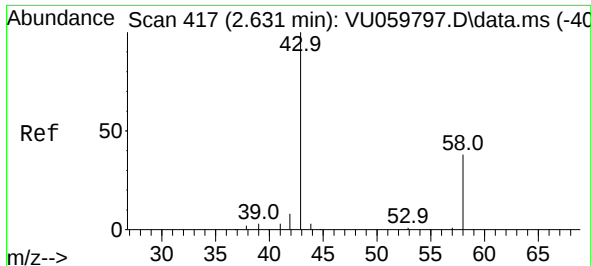
Tgt Ion: 62 Resp: 3102

Ion Ratio Lower Upper

62 100

64 52.2 23.1 42.9#





#13

Acetone

Concen: 4.890 ug/L

RT: 2.637 min Scan# 41

Delta R.T. 0.006 min

Lab File: VU059814.D

Acq: 03 Jul 2024 22:06

Instrument :

MSVOA_U

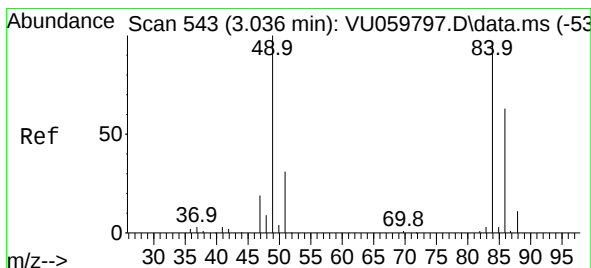
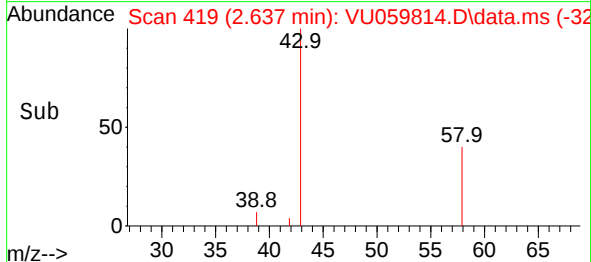
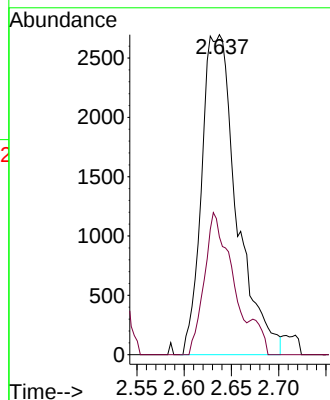
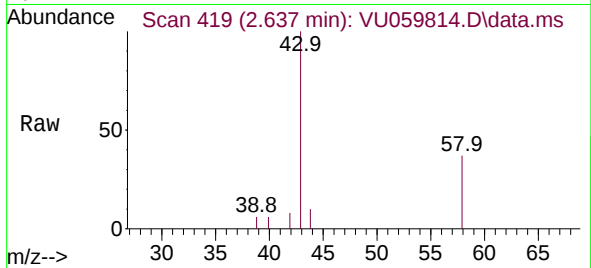
ClientSampleId :

Tgt Ion: 43 Resp: 6947

Ion Ratio Lower Upper

43 100

58 34.1 0.0 68.0



#16

Methylene chloride

Concen: 0.260 ug/L

RT: 3.033 min Scan# 542

Delta R.T. -0.003 min

Lab File: VU059814.D

Acq: 03 Jul 2024 22:06

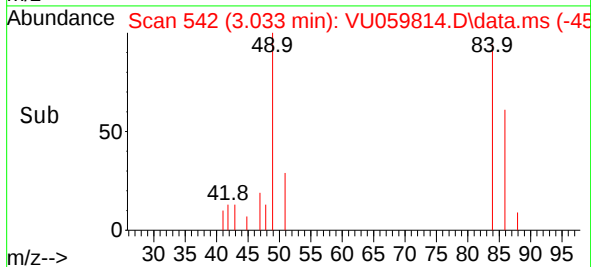
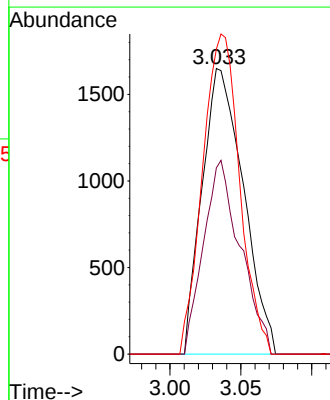
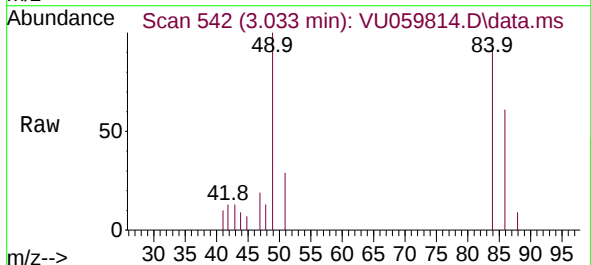
Tgt Ion: 84 Resp: 3335

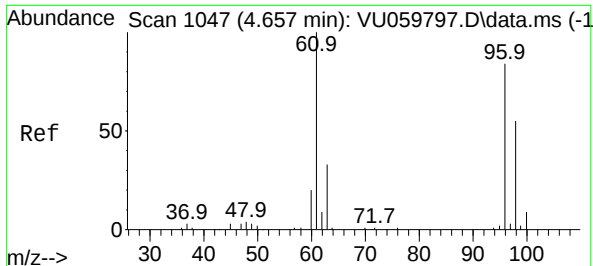
Ion Ratio Lower Upper

84 100

86 65.2 42.1 78.1

49 106.8 80.6 149.8

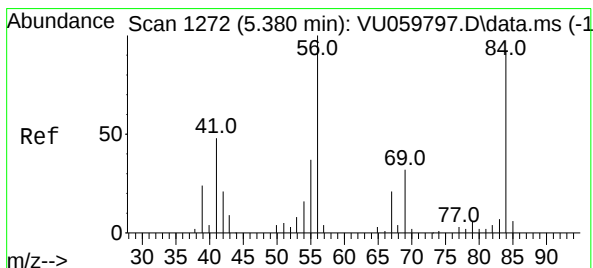
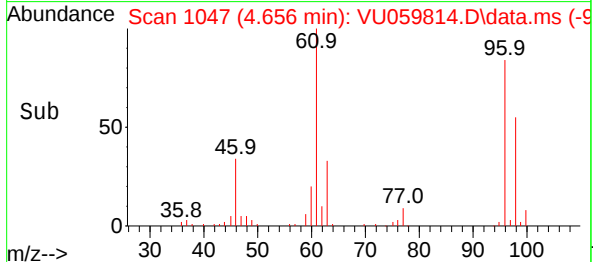
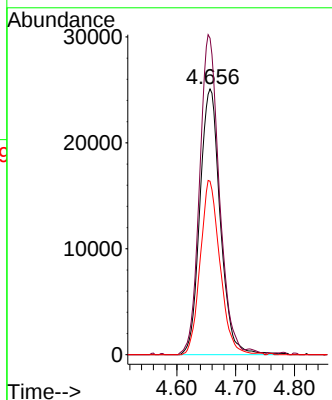
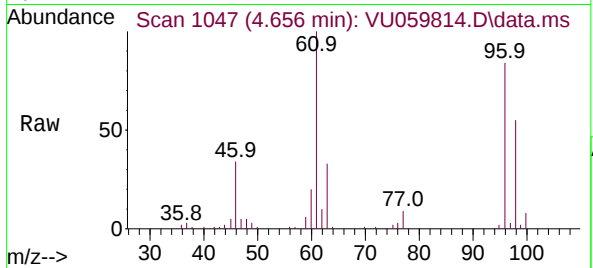




#22
 cis-1,2-Dichloroethene
 Concen: 4.851 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. -0.000 min
 Lab File: VU059814.D
 Acq: 03 Jul 2024 22:06

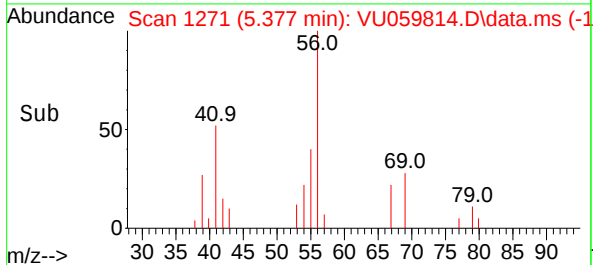
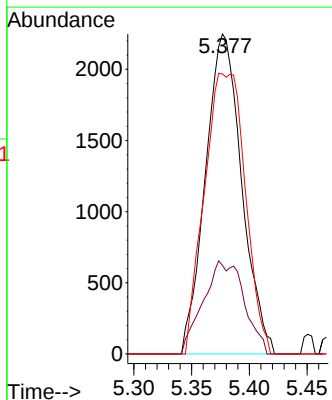
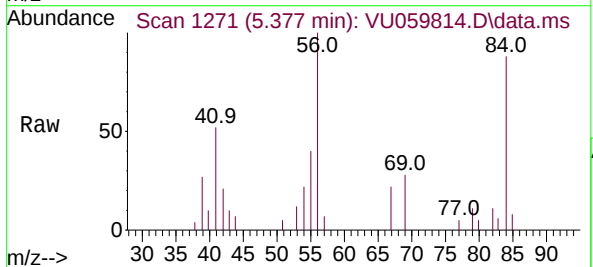
Instrument :
 MSVOA_U
 ClientSampleId :

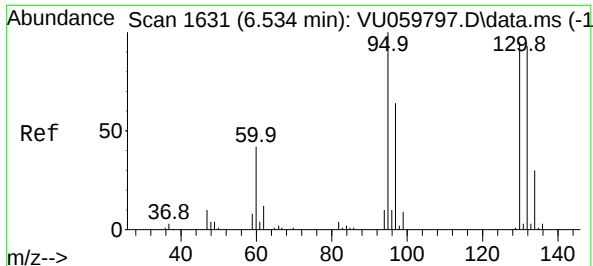
Tgt Ion: 96 Resp: 60304
 Ion Ratio Lower Upper
 96 100
 61 119.1 87.4 162.2
 98 65.3 42.3 78.5



#30
 Cyclohexane
 Concen: 0.295 ug/L
 RT: 5.377 min Scan# 1271
 Delta R.T. -0.003 min
 Lab File: VU059814.D
 Acq: 03 Jul 2024 22:06

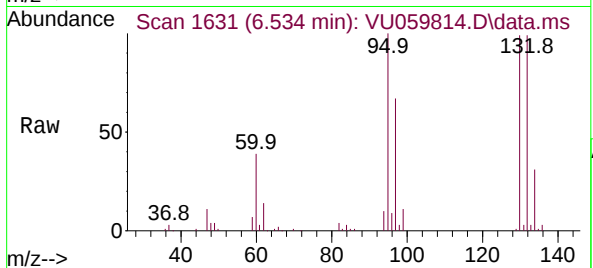
Tgt Ion: 56 Resp: 4916
 Ion Ratio Lower Upper
 56 100
 69 18.9 24.8 37.2#
 84 98.7 69.8 104.8



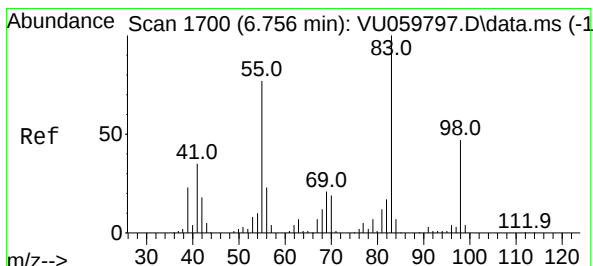
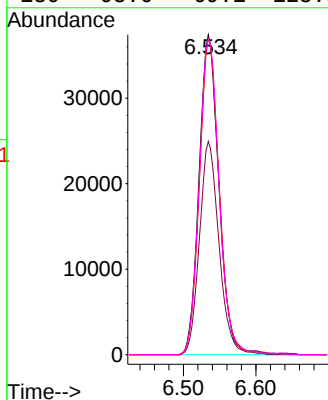
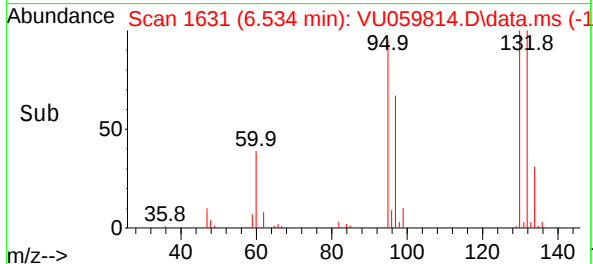


#34
Trichloroethene
Concen: 5.305 ug/L
RT: 6.534 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU059814.D
Acq: 03 Jul 2024 22:06

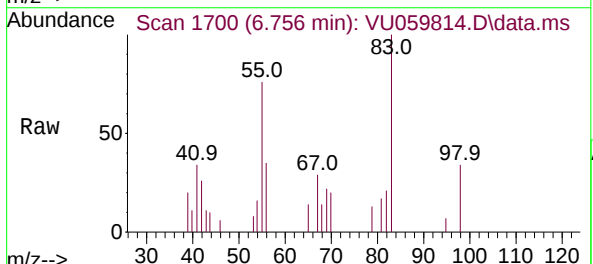
Instrument :
MSVOA_U
ClientSampleId :



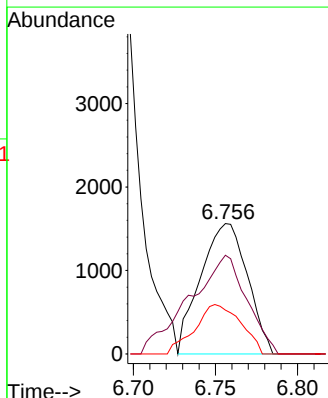
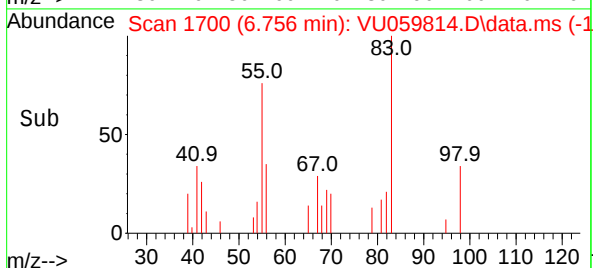
Tgt Ion: 95 Resp: 71267
Ion Ratio Lower Upper
95 100
97 66.6 45.3 84.1
132 98.8 64.0 119.0
130 98.6 69.1 128.3

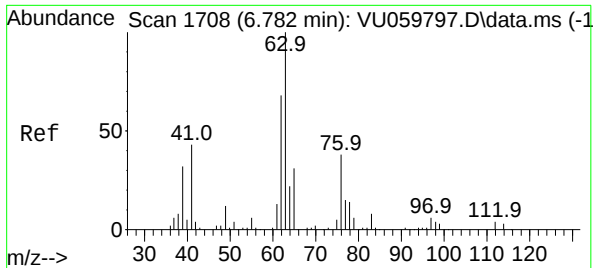


#35
Methylcyclohexane
Concen: 0.162 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VU059814.D
Acq: 03 Jul 2024 22:06



Tgt Ion: 83 Resp: 3104
Ion Ratio Lower Upper
83 100
55 92.4 62.7 94.1
98 37.1 35.4 53.0

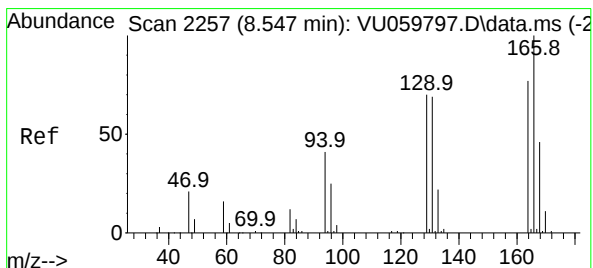
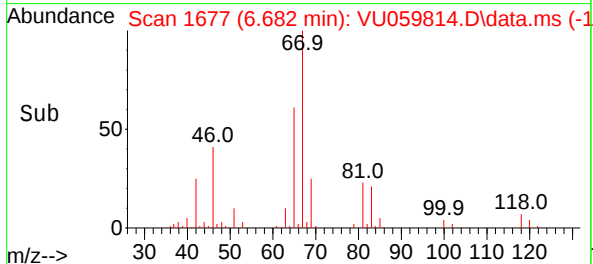
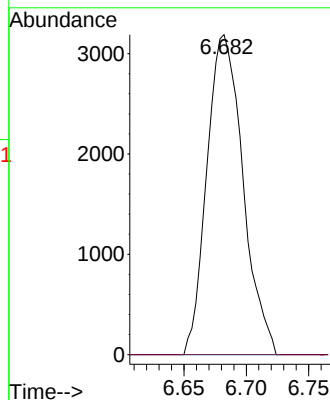
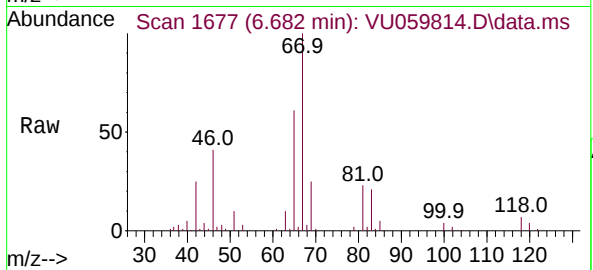




#37
1,2-Dichloropropane
Concen: 0.501 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU059814.D
Acq: 03 Jul 2024 22:06

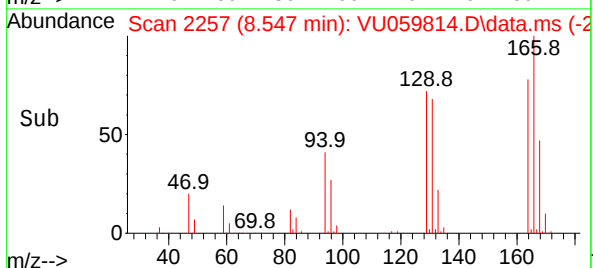
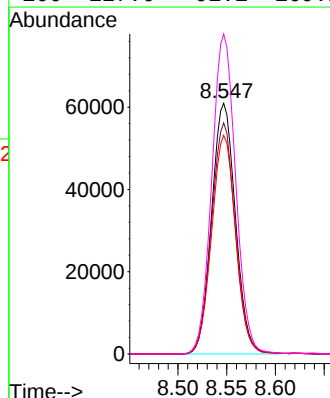
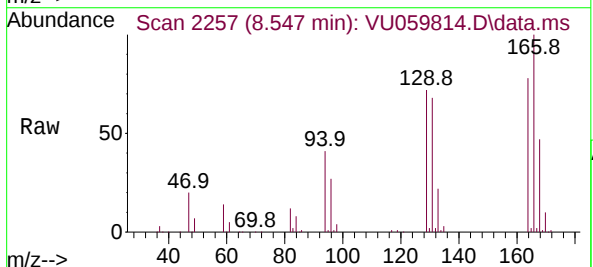
Instrument :
MSVOA_U
ClientSampleId :

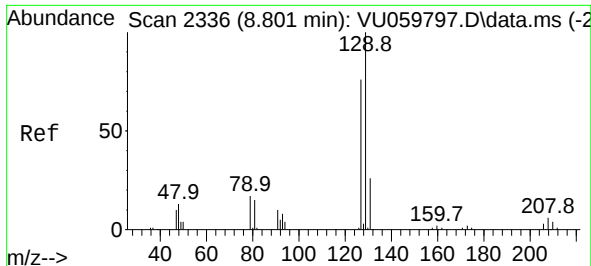
Tgt Ion: 63 Resp: 6429
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#



#47
Tetrachloroethene
Concen: 9.953 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU059814.D
Acq: 03 Jul 2024 22:06

Tgt Ion:164 Resp: 103768
Ion Ratio Lower Upper
164 100
129 92.1 70.8 131.4
131 87.1 64.8 120.3
166 127.6 91.1 169.1





#49

Dibromochloromethane

Concen: 9.061 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU059814.D

Acq: 03 Jul 2024 22:06

Instrument :

MSVOA_U

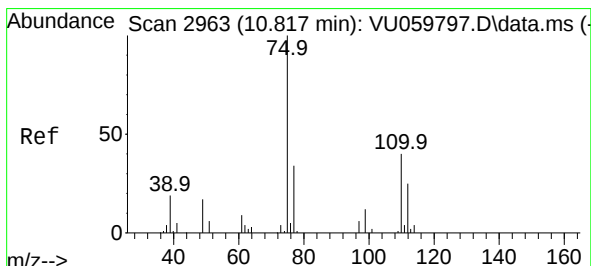
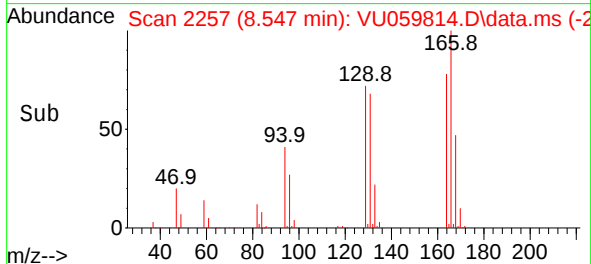
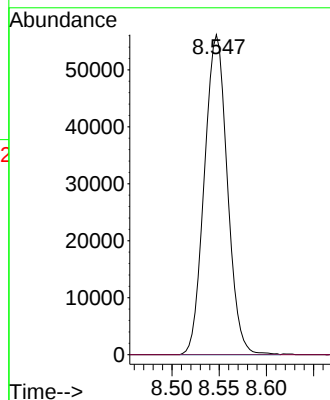
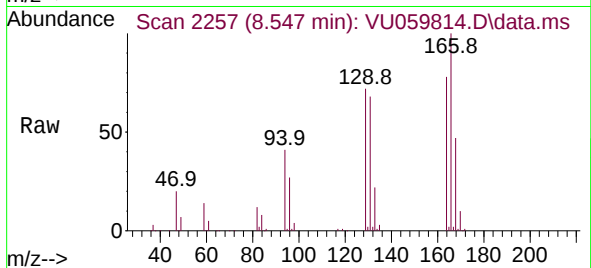
ClientSampleId :

Tgt Ion:129 Resp: 94963

Ion Ratio Lower Upper

129 100

127 0.0 52.5 97.5#



#61

1,2,3-Trichloropropane

Concen: 1.174 ug/L

RT: 11.807 min Scan# 3271

Delta R.T. 0.990 min

Lab File: VU059814.D

Acq: 03 Jul 2024 22:06

Tgt Ion: 75 Resp: 7792

Ion Ratio Lower Upper

75 100

110 0.6 27.1 40.7#

77 32.9 25.4 38.2

