

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091924\
 Data File : VU060922.D
 Acq On : 20 Sep 2024 03:26
 Operator : MD/SY
 Sample : P3987-17
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 20 05:57:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 20 01:34:14 2024
 Response via : Initial Calibration

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

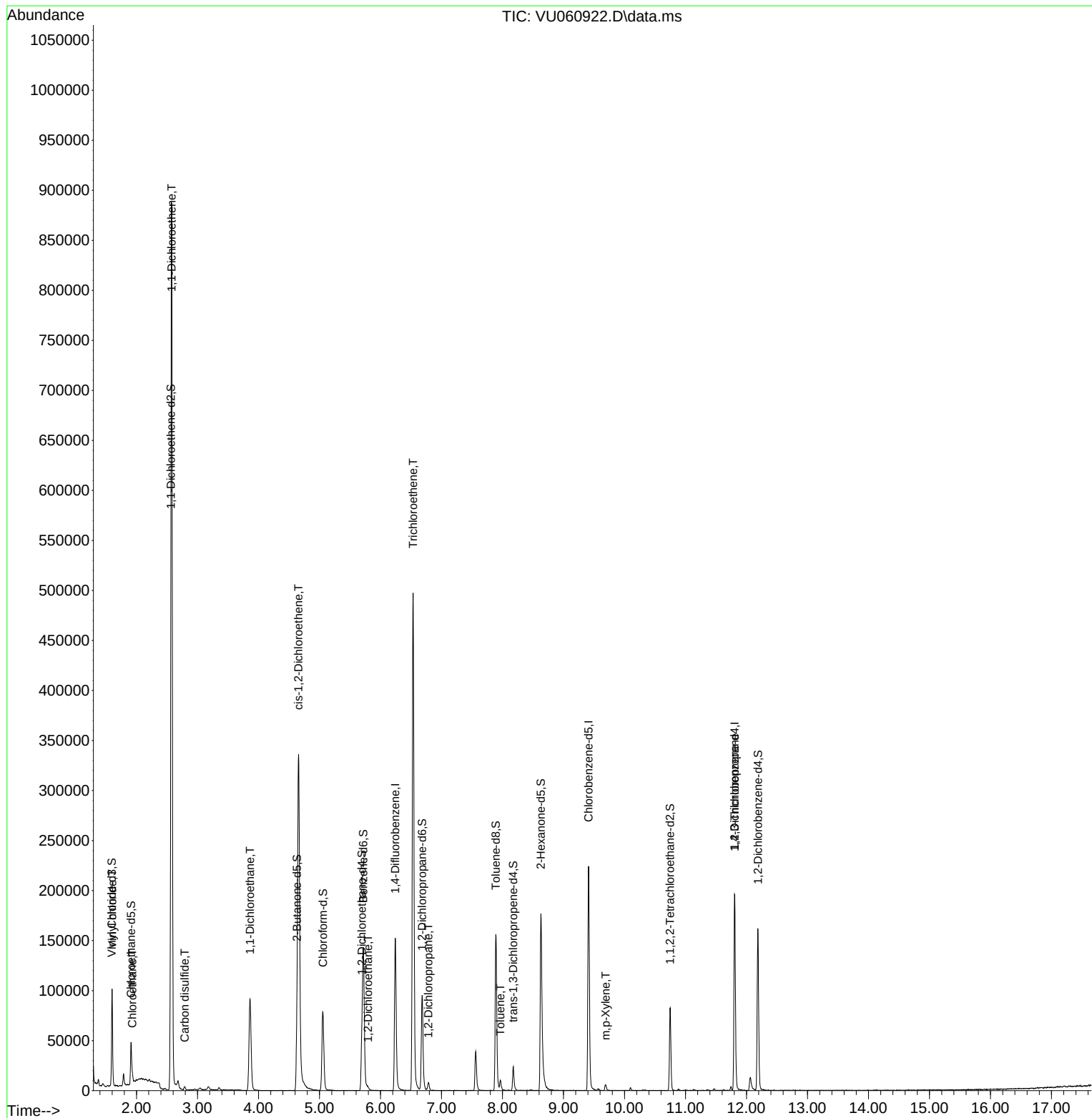
Internal Standards						
1) 1,4-Difluorobenzene	6.241	114	135977	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	144051	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	60424	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	33593	2.747	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	55.000%
7) Chloroethane-d5	1.910	69	30895	3.548	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.000%
11) 1,1-Dichloroethene-d2	2.563	65	13481	3.110	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.200%
20) 2-Butanone-d5	4.631	46	78516	39.990	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.980%
24) Chloroform-d	5.055	84	80074	4.283	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.600%
26) 1,2-Dichloroethane-d4	5.695	65	39760	4.449	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.000%
32) Benzene-d6	5.717	84	142406	3.688	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.800%
36) 1,2-Dichloropropane-d6	6.682	67	49125	4.112	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.200%
41) Toluene-d8	7.891	98	113895	3.236	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	64.800%#
43) trans-1,3-Dichloroprop...	8.177	79	14992	3.487	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.800%
46) 2-Hexanone-d5	8.630	63	67472	39.778	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.560%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	41740	4.460	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	47489	4.677	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.600%
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	37980	3.236	ug/L	92
8) Chloroethane	1.933	64	7697	1.074	ug/L	86
12) 1,1-Dichloroethene	2.576	96	314621	36.784	ug/L #	63
14) Carbon disulfide	2.791	76	5273	0.222	ug/L #	92
19) 1,1-Dichloroethane	3.862	63	106304	5.974	ug/L	99
22) cis-1,2-Dichloroethene	4.656	96	179575	18.307	ug/L	94
27) 1,2-Dichloroethane	5.795	62	2353	0.219	ug/L #	72
34) Trichloroethene	6.534	95	174220	16.779	ug/L	94
37) 1,2-Dichloropropane	6.785	63	3085	0.283	ug/L #	95
42) Toluene	7.965	91	7785	0.188	ug/L	98
53) m,p-Xylene	9.692	106	2179	0.132	ug/L	81
61) 1,2,3-Trichloropropane	11.804	75	5988	1.062	ug/L #	67

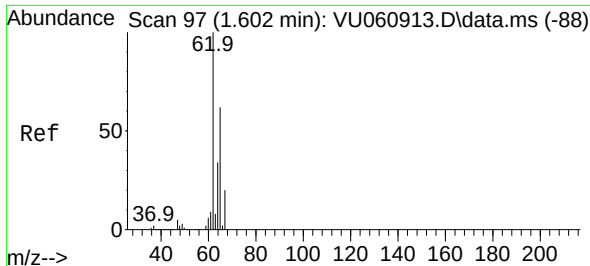
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091924\
Data File : VU060922.D
Acq On : 20 Sep 2024 03:26
Operator : MD/SY
Sample : P3987-17
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

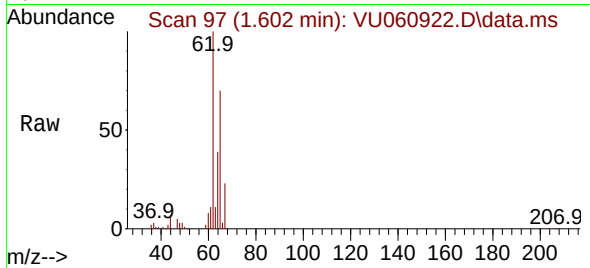
Quant Time: Sep 20 05:57:49 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 20 01:34:14 2024
Response via : Initial Calibration



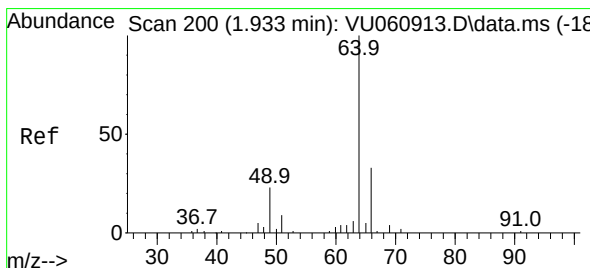
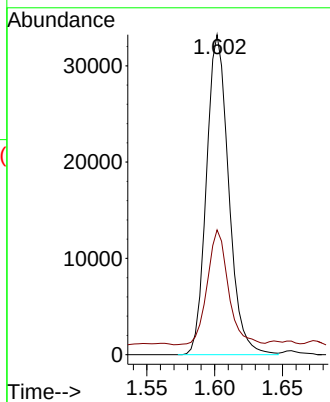
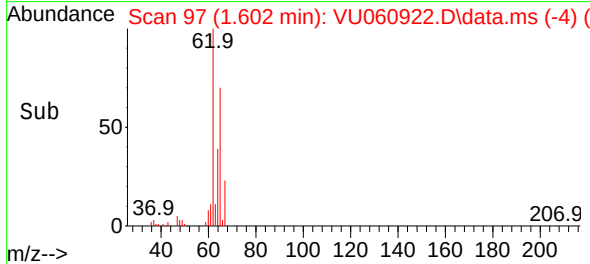


#5
 Vinyl chloride
 Concen: 3.236 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU060922.D
 Acq: 20 Sep 2024 03:26

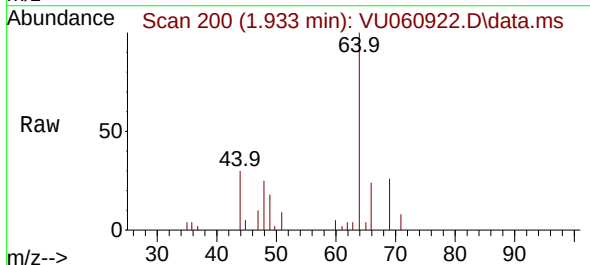
Instrument :
 MSVOA_U
 ClientSampleId :



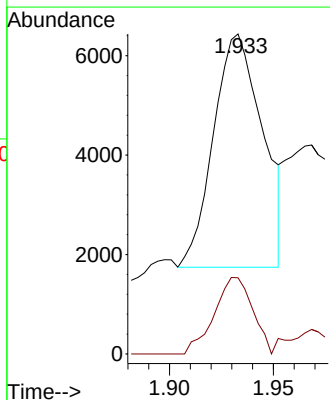
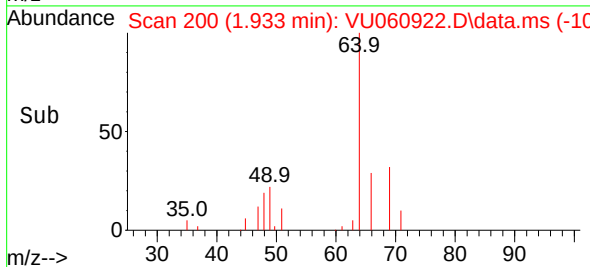
Tgt Ion: 62 Resp: 37980
 Ion Ratio Lower Upper
 62 100
 64 39.0 24.0 44.6

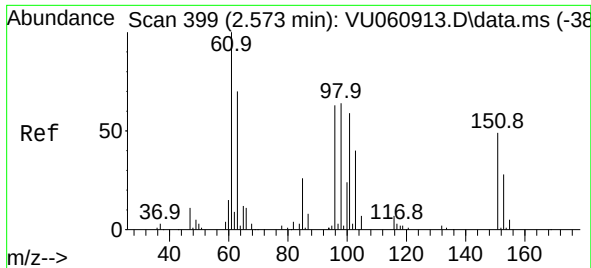


#8
 Chloroethane
 Concen: 1.074 ug/L
 RT: 1.933 min Scan# 200
 Delta R.T. -0.000 min
 Lab File: VU060922.D
 Acq: 20 Sep 2024 03:26



Tgt Ion: 64 Resp: 7697
 Ion Ratio Lower Upper
 64 100
 66 23.8 22.3 41.3





#12

1,1-Dichloroethene

Concen: 36.784 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.003 min

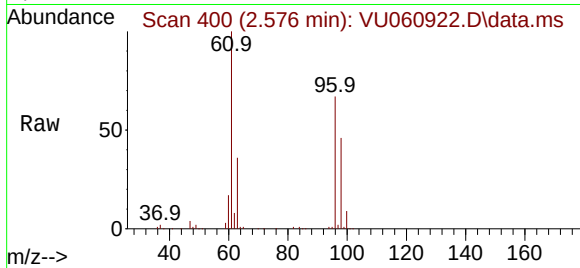
Lab File: VU060922.D

Acq: 20 Sep 2024 03:26

Instrument :

MSVOA_U

ClientSampleId :



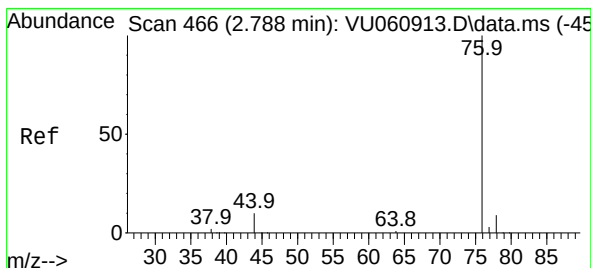
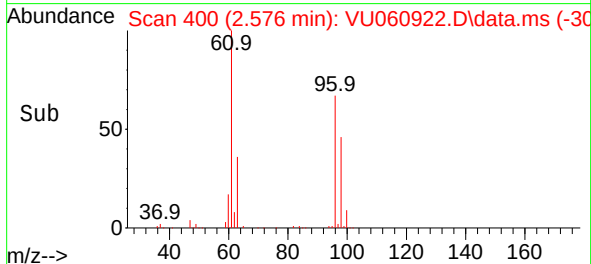
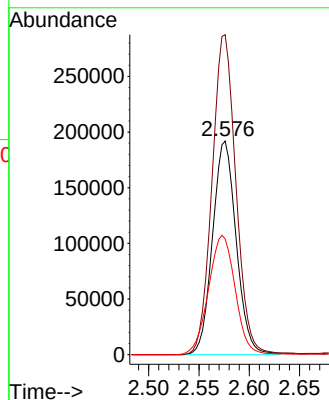
Tgt Ion: 96 Resp: 314621

Ion Ratio Lower Upper

96 100

61 149.8 120.7 224.1

63 54.2 90.0 167.2#



#14

Carbon disulfide

Concen: 0.222 ug/L

RT: 2.791 min Scan# 467

Delta R.T. 0.003 min

Lab File: VU060922.D

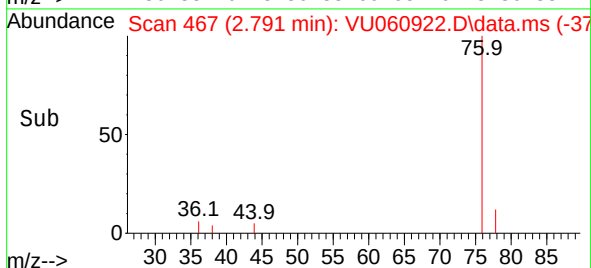
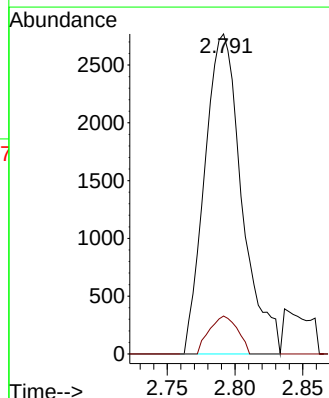
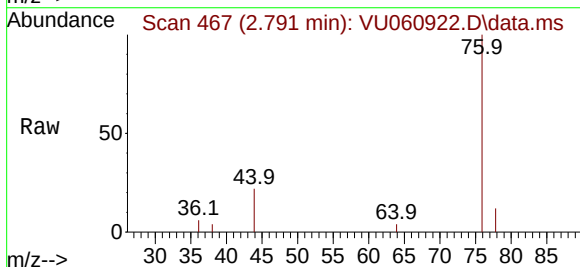
Acq: 20 Sep 2024 03:26

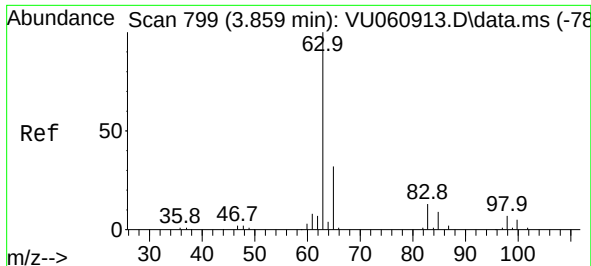
Tgt Ion: 76 Resp: 5273

Ion Ratio Lower Upper

76 100

78 11.8 7.1 10.7#





#19

1,1-Dichloroethane

Concen: 5.974 ug/L

RT: 3.862 min Scan# 80

Delta R.T. 0.003 min

Lab File: VU060922.D

Acq: 20 Sep 2024 03:26

Instrument :

MSVOA_U

ClientSampleId :

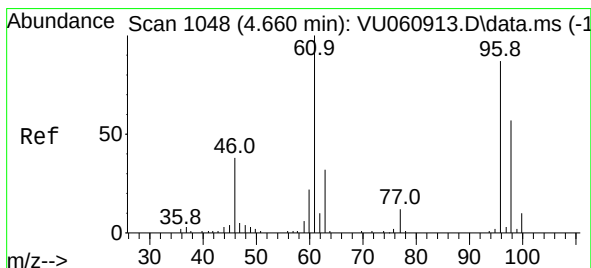
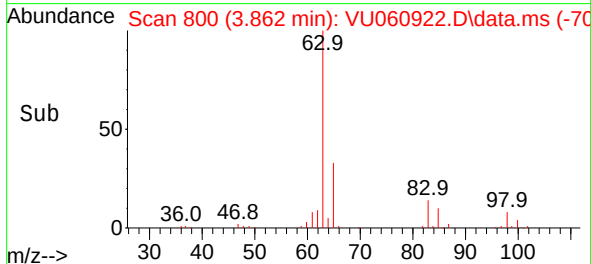
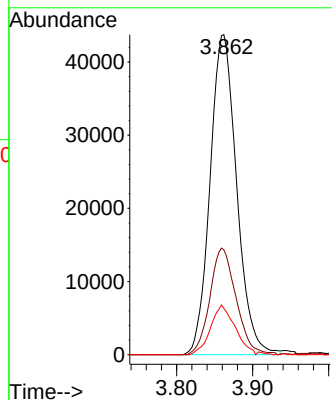
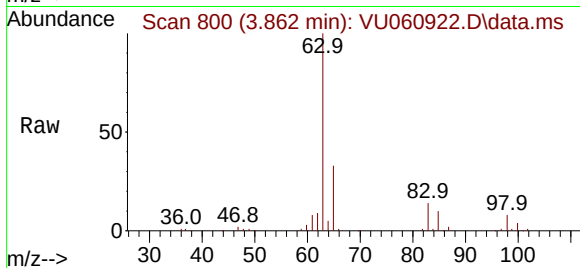
Tgt Ion: 63 Resp: 106304

Ion Ratio Lower Upper

63 100

65 32.7 23.0 42.8

83 14.5 9.0 16.6



#22

cis-1,2-Dichloroethene

Concen: 18.307 ug/L

RT: 4.656 min Scan# 1047

Delta R.T. -0.003 min

Lab File: VU060922.D

Acq: 20 Sep 2024 03:26

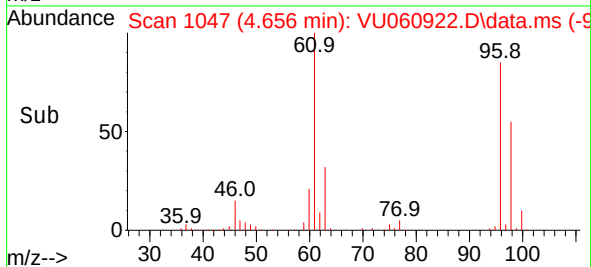
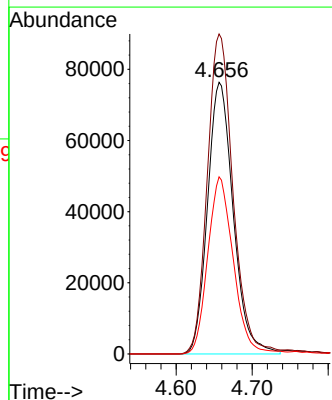
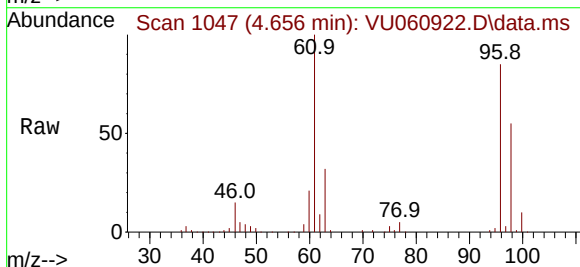
Tgt Ion: 96 Resp: 179575

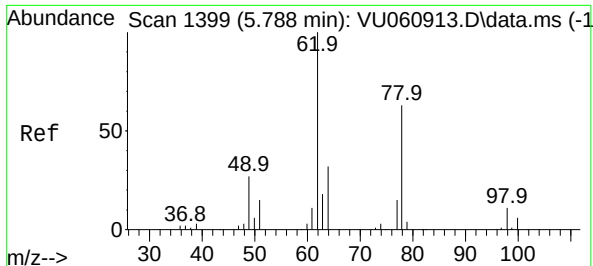
Ion Ratio Lower Upper

96 100

61 117.8 89.7 166.5

98 65.2 45.1 83.9

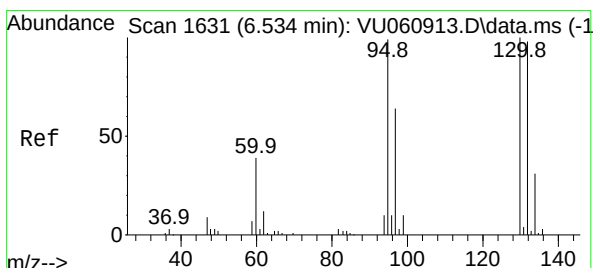
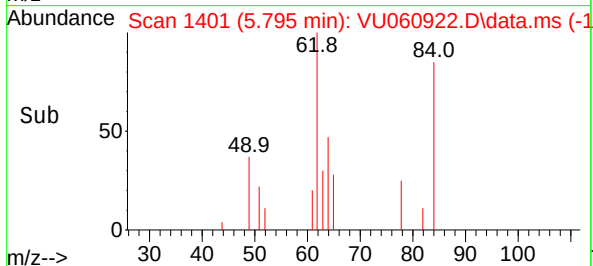
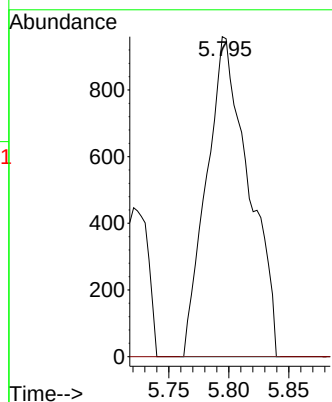
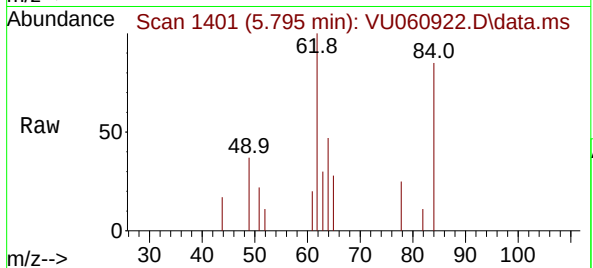




#27
1,2-Dichloroethane
Concen: 0.219 ug/L
RT: 5.795 min Scan# 1401
Delta R.T. 0.006 min
Lab File: VU060922.D
Acq: 20 Sep 2024 03:26

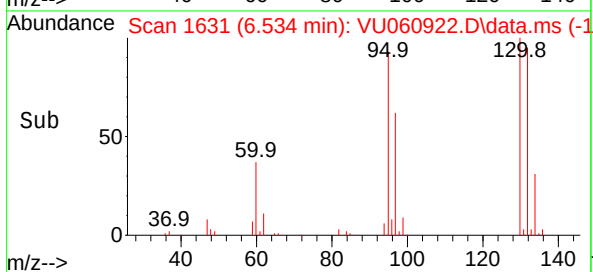
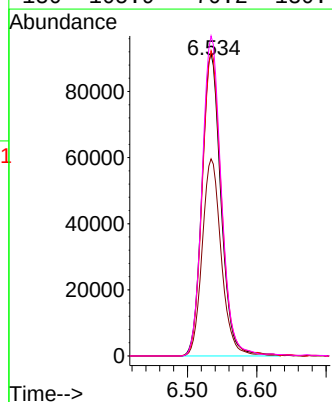
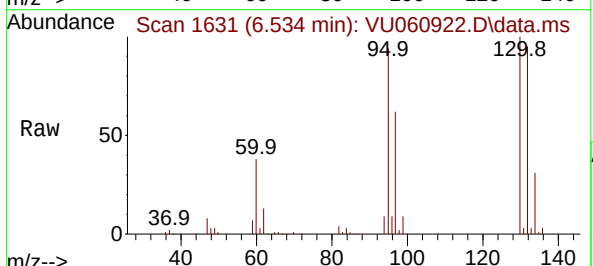
Instrument :
MSVOA_U
ClientSampleId :

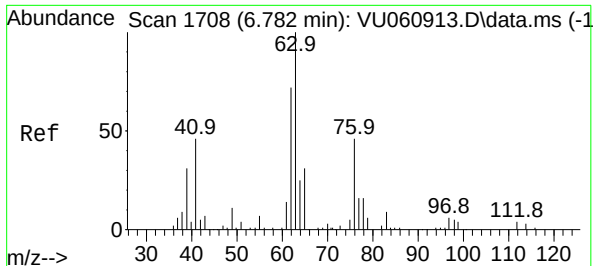
Tgt Ion: 62 Resp: 2353
Ion Ratio Lower Upper
62 100
98 0.0 8.2 12.4#



#34
Trichloroethene
Concen: 16.779 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VU060922.D
Acq: 20 Sep 2024 03:26

Tgt Ion: 95 Resp: 174220
Ion Ratio Lower Upper
95 100
97 65.2 44.9 83.5
132 101.0 63.5 117.9
130 105.9 70.2 130.4

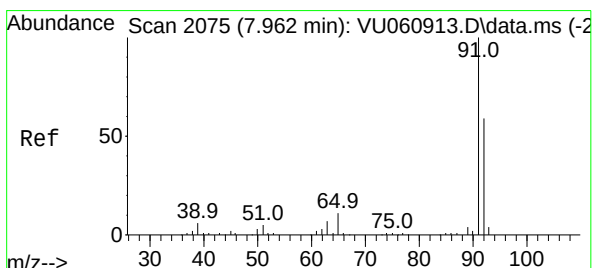
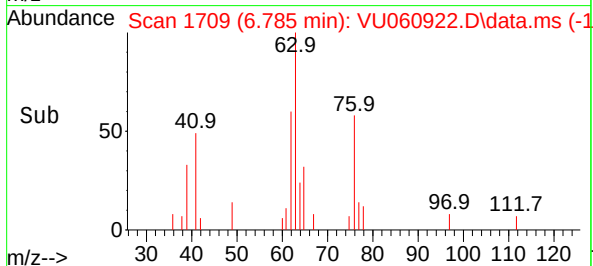
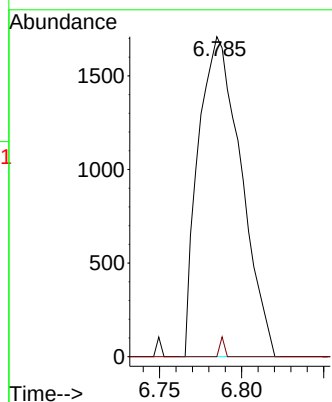
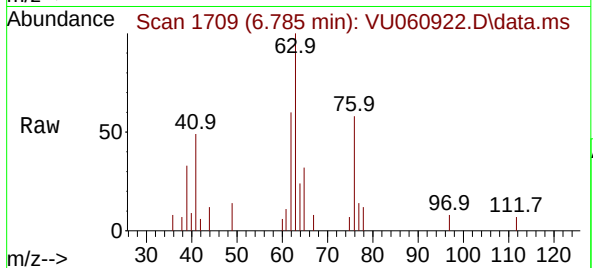




#37
1,2-Dichloropropane
Concen: 0.283 ug/L
RT: 6.785 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU060922.D
Acq: 20 Sep 2024 03:26

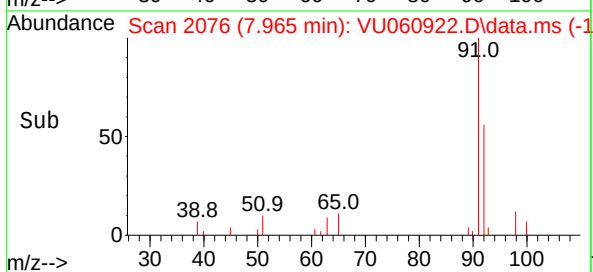
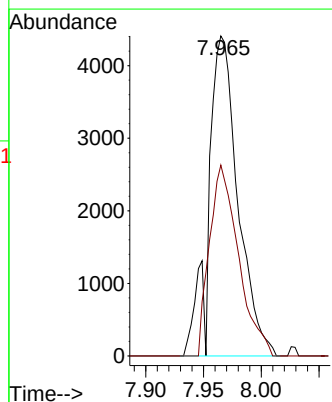
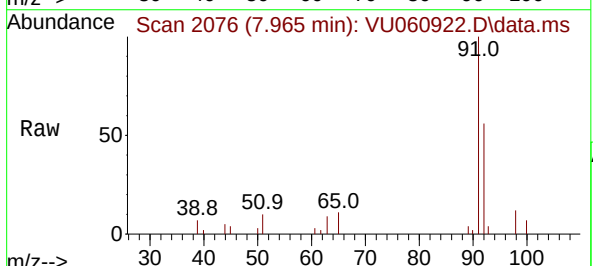
Instrument :
MSVOA_U
ClientSampleId :

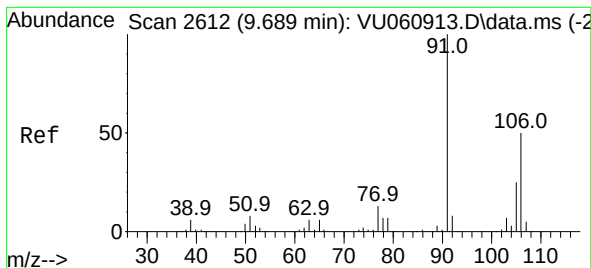
Tgt Ion: 63 Resp: 3085
Ion Ratio Lower Upper
63 100
112 0.6 2.0 3.0#



#42
Toluene
Concen: 0.188 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. 0.003 min
Lab File: VU060922.D
Acq: 20 Sep 2024 03:26

Tgt Ion: 91 Resp: 7785
Ion Ratio Lower Upper
91 100
92 59.7 40.5 75.3





#53

m,p-Xylene

Concen: 0.132 ug/L

RT: 9.692 min Scan# 2

Delta R.T. 0.003 min

Lab File: VU060922.D

Acq: 20 Sep 2024 03:26

Instrument :

MSVOA_U

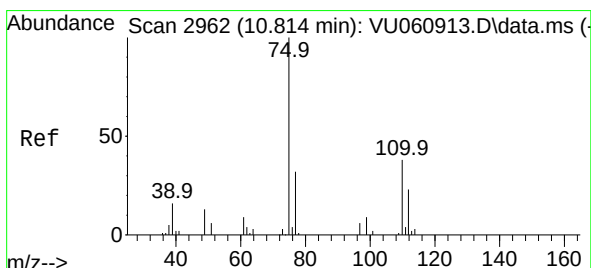
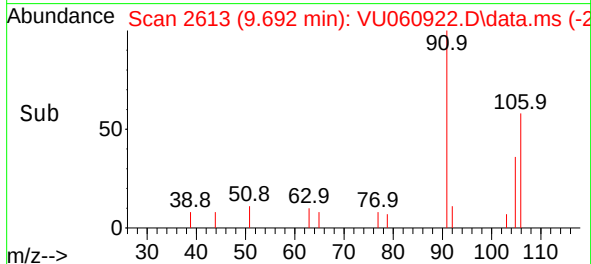
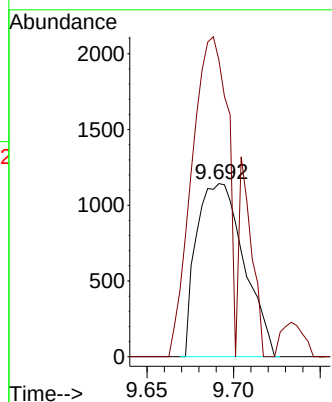
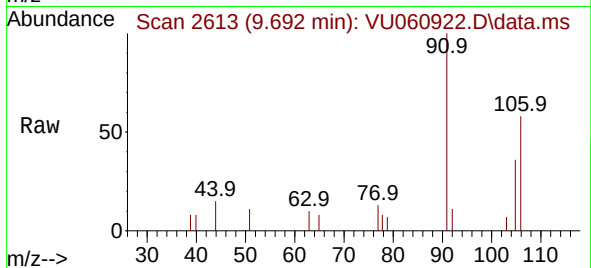
ClientSampleId :

Tgt Ion:106 Resp: 2179

Ion Ratio Lower Upper

106 100

91 171.3 139.7 259.4



#61

1,2,3-Trichloropropane

Concen: 1.062 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.990 min

Lab File: VU060922.D

Acq: 20 Sep 2024 03:26

Tgt Ion: 75 Resp: 5988

Ion Ratio Lower Upper

75 100

110 0.0 28.6 43.0#

77 32.1 26.3 39.5

