

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011723\
 Data File : VU052730.D
 Acq On : 17 Jan 2023 18:48
 Operator : JC/MD
 Sample : 01168-04DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 18 01:20:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 18 01:16:13 2023
 Response via : Initial Calibration

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

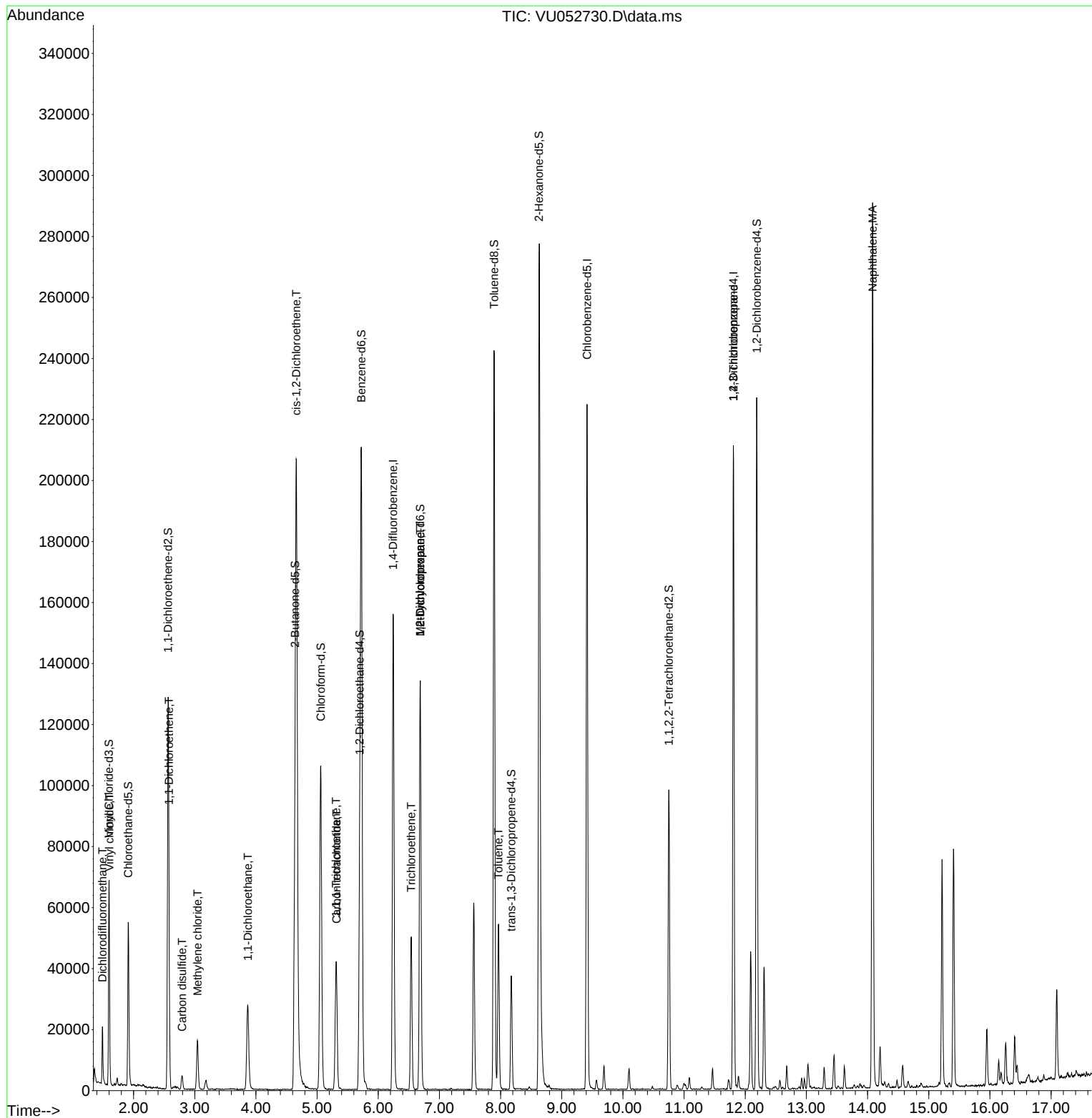
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	127781	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	125908	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	57576	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	46439	4.137	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.800%
7) Chloroethane-d5	1.912	69	42605	4.658	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.200%
11) 1,1-Dichloroethene-d2	2.565	65	23129	4.678	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.600%
20) 2-Butanone-d5	4.642	46	135196	45.041	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.080%
24) Chloroform-d	5.060	84	101527	4.848	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
26) 1,2-Dichloroethane-d4	5.697	65	52676	4.898	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
32) Benzene-d6	5.723	84	200331	4.909	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
36) 1,2-Dichloropropane-d6	6.687	67	62759	4.615	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.200%
41) Toluene-d8	7.896	98	160164	4.451	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.000%
43) trans-1,3-Dichloroprop...	8.176	79	21009	4.154	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.000%
46) 2-Hexanone-d5	8.629	63	92185	43.881	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.760%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	47995	4.610	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.200%
66) 1,2-Dichlorobenzene-d4	12.189	152	59593	5.686	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.491	85	1500	0.109	ug/L #	88
5) Vinyl chloride	1.604	62	3282	0.206	ug/L #	70
12) 1,1-Dichloroethene	2.578	96	6627	0.598	ug/L #	1
14) Carbon disulfide	2.793	76	6342	0.166	ug/L	97
16) Methylene chloride	3.044	84	7758	0.526	ug/L	92
19) 1,1-Dichloroethane	3.867	63	31965	1.362	ug/L	95
22) cis-1,2-Dichloroethene	4.662	96	83323	6.867	ug/L	96
29) 1,1,1-Trichloroethane	5.311	97	30648	1.551	ug/L	98
31) Carbon tetrachloride	5.317	117	3746	0.242	ug/L	91
34) Trichloroethene	6.539	95	17106	1.451	ug/L	94
35) Methylcyclohexane	6.687	83	15482	0.795	ug/L #	16
37) 1,2-Dichloropropane	6.687	63	6889	0.515	ug/L #	89
42) Toluene	7.967	91	39927	0.804	ug/L	98
61) 1,2,3-Trichloropropane	11.806	75	6254	0.935	ug/L #	66
71) Naphthalene	14.082	128	233326	11.621	ug/L	99

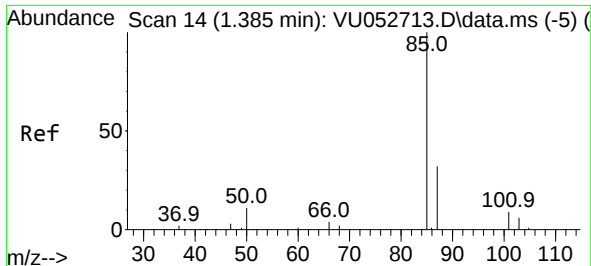
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011723\
Data File : VU052730.D
Acq On : 17 Jan 2023 18:48
Operator : JC/MD
Sample : 01168-04DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jan 18 01:20:14 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jan 18 01:16:13 2023
Response via : Initial Calibration

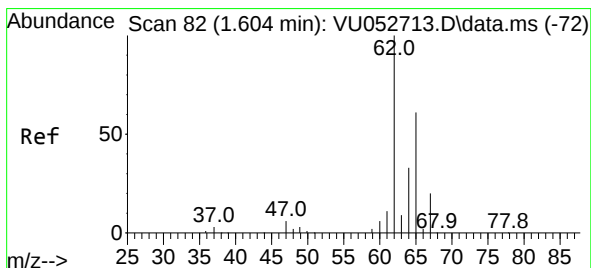
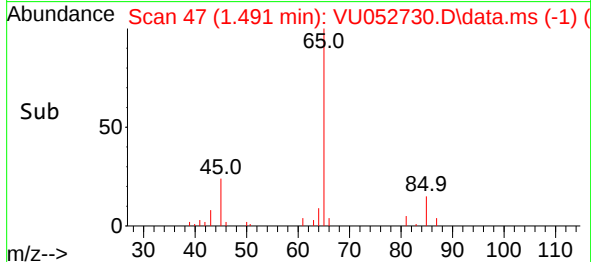
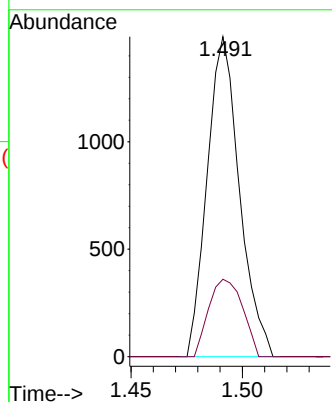
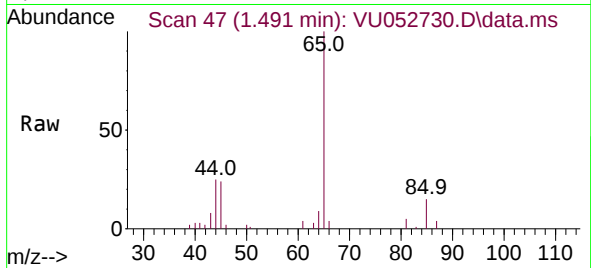




#2
Dichlorodifluoromethane
Concen: 0.109 ug/L
RT: 1.491 min Scan# 41
Delta R.T. 0.106 min
Lab File: VU052730.D
Acq: 17 Jan 2023 18:48

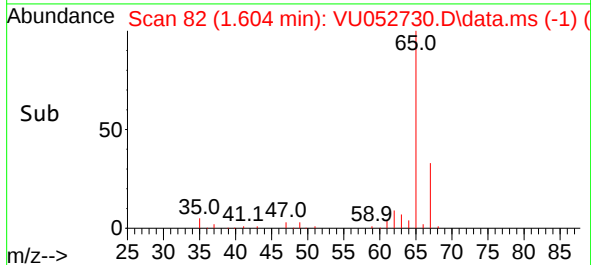
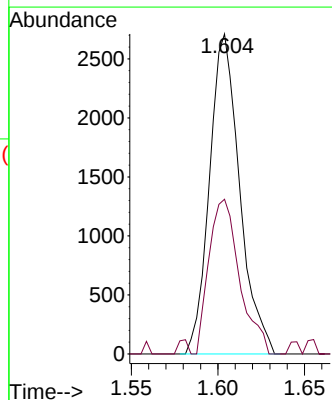
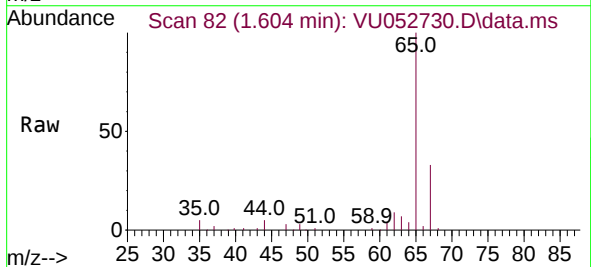
Instrument :
MSVOA_U
ClientSampleId :

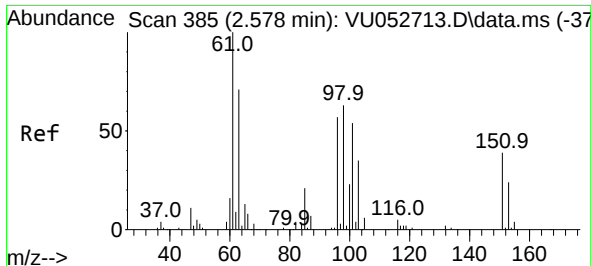
Tgt Ion: 85 Resp: 1500
Ion Ratio Lower Upper
85 100
87 25.3 25.5 38.3#



#5
Vinyl chloride
Concen: 0.206 ug/L
RT: 1.604 min Scan# 82
Delta R.T. 0.000 min
Lab File: VU052730.D
Acq: 17 Jan 2023 18:48

Tgt Ion: 62 Resp: 3282
Ion Ratio Lower Upper
62 100
64 48.4 22.3 41.3#





#12

1,1-Dichloroethene

Concen: 0.598 ug/L

RT: 2.578 min Scan# 385

Delta R.T. 0.000 min

Lab File: VU052730.D

Acq: 17 Jan 2023 18:48

Instrument :

MSVOA_U

ClientSampleId :

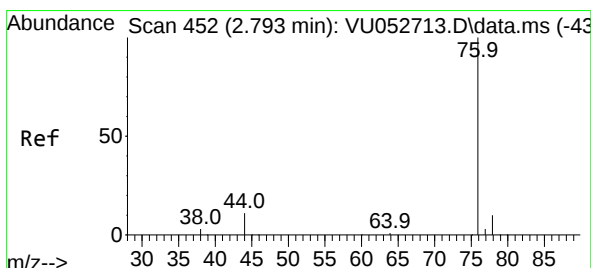
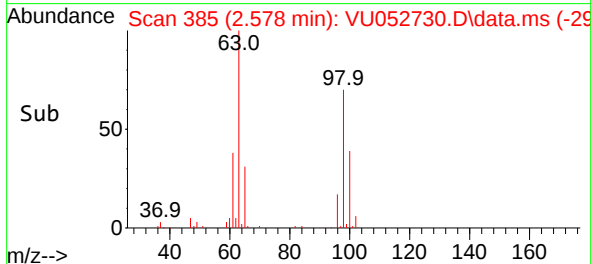
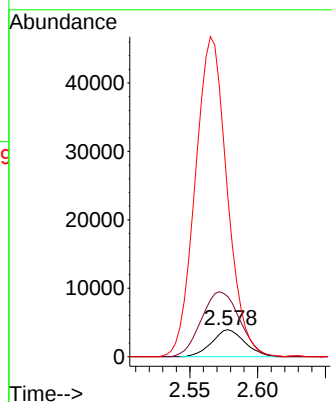
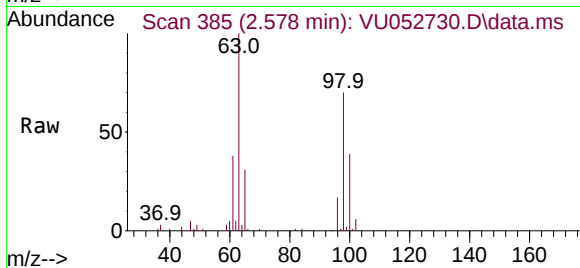
Tgt Ion: 96 Resp: 6627

Ion Ratio Lower Upper

96 100

61 222.4 129.6 240.8

63 590.5 83.7 155.5#



#14

Carbon disulfide

Concen: 0.166 ug/L

RT: 2.793 min Scan# 452

Delta R.T. 0.000 min

Lab File: VU052730.D

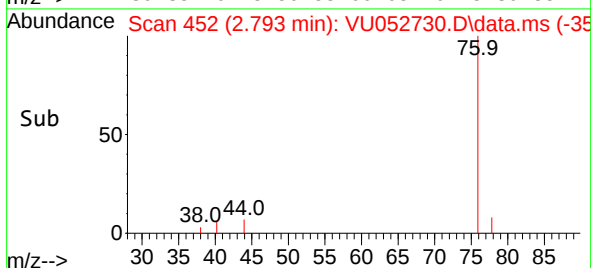
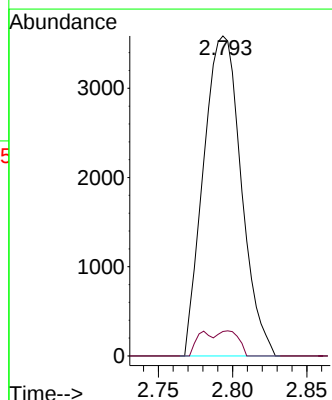
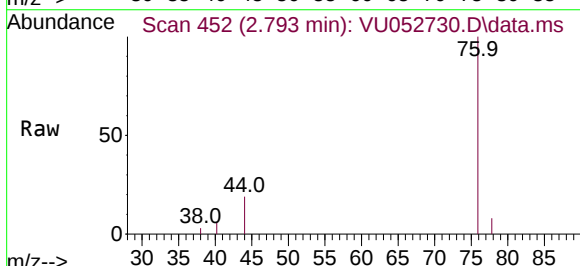
Acq: 17 Jan 2023 18:48

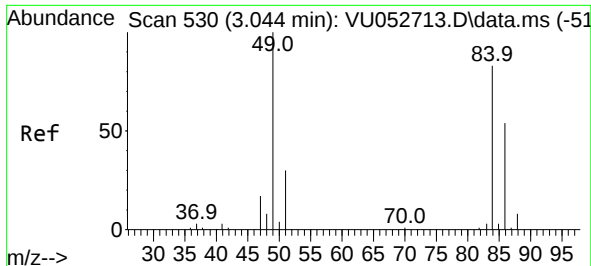
Tgt Ion: 76 Resp: 6342

Ion Ratio Lower Upper

76 100

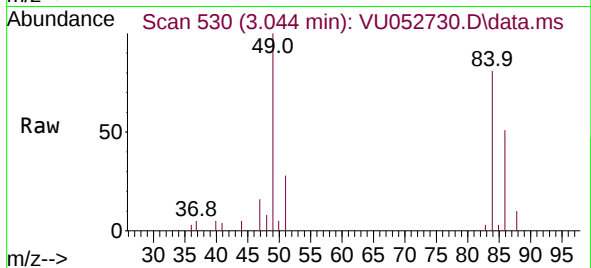
78 7.7 7.0 10.6



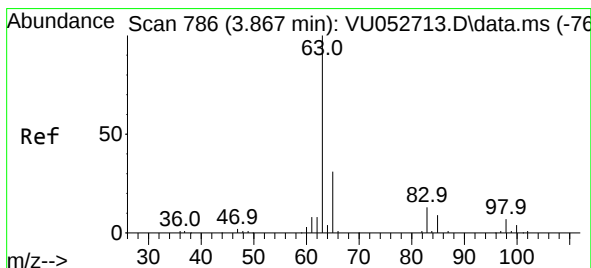
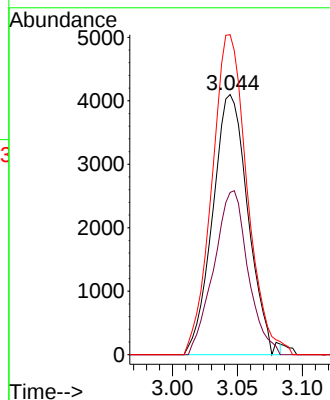
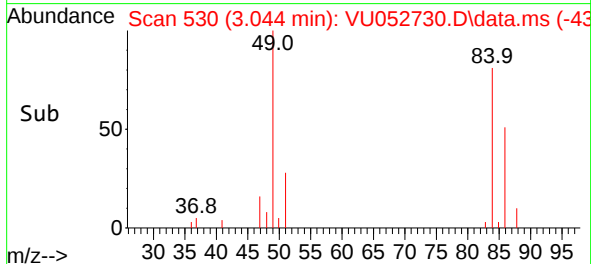


#16
Methylene chloride
Concen: 0.526 ug/L
RT: 3.044 min Scan# 51
Delta R.T. 0.000 min
Lab File: VU052730.D
Acq: 17 Jan 2023 18:48

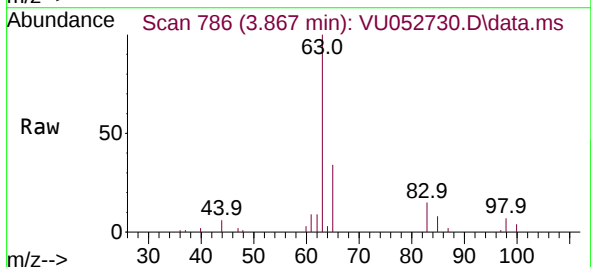
Instrument :
MSVOA_U
ClientSampleId :



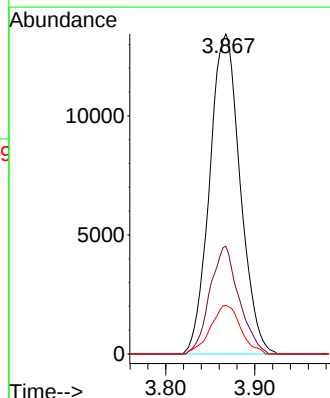
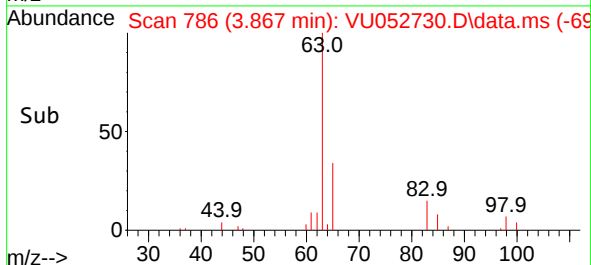
Tgt Ion: 84 Resp: 7758
Ion Ratio Lower Upper
84 100
86 62.4 45.6 84.6
49 123.0 94.8 176.0

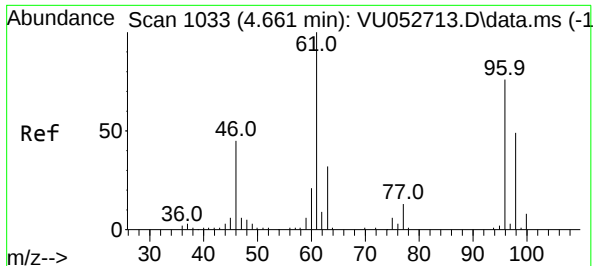


#19
1,1-Dichloroethane
Concen: 1.362 ug/L
RT: 3.867 min Scan# 786
Delta R.T. 0.000 min
Lab File: VU052730.D
Acq: 17 Jan 2023 18:48



Tgt Ion: 63 Resp: 31965
Ion Ratio Lower Upper
63 100
65 33.7 22.0 41.0
83 15.1 8.9 16.5





#22

cis-1,2-Dichloroethene

Concen: 6.867 ug/L

RT: 4.662 min Scan# 1033

Delta R.T. 0.000 min

Lab File: VU052730.D

Acq: 17 Jan 2023 18:48

Instrument :

MSVOA_U

ClientSampleId :

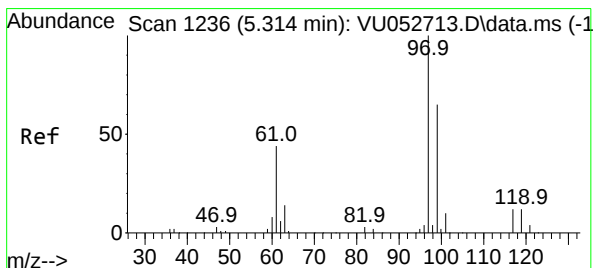
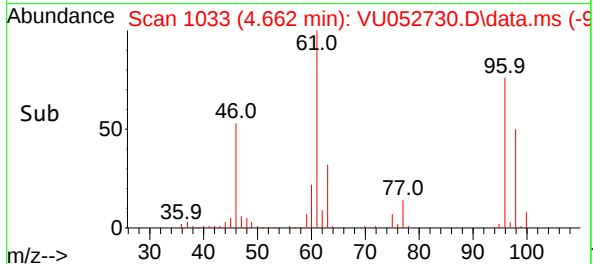
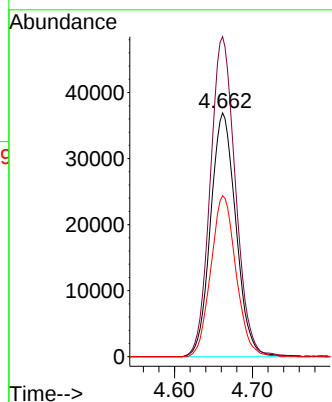
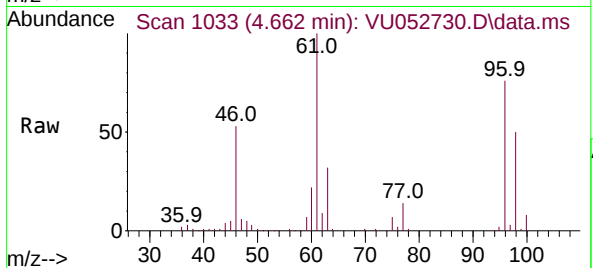
Tgt Ion: 96 Resp: 83323

Ion Ratio Lower Upper

96 100

61 131.2 94.6 175.8

98 66.0 43.3 80.3



#29

1,1,1-Trichloroethane

Concen: 1.551 ug/L

RT: 5.311 min Scan# 1235

Delta R.T. -0.003 min

Lab File: VU052730.D

Acq: 17 Jan 2023 18:48

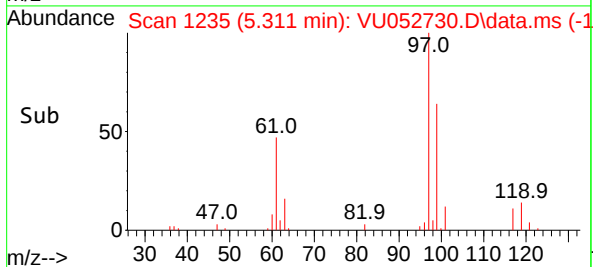
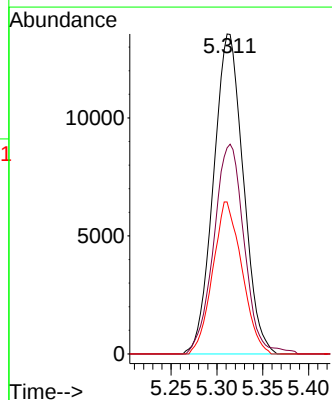
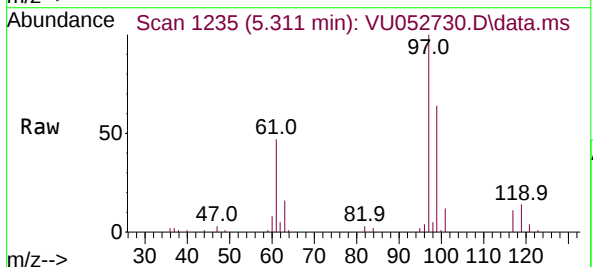
Tgt Ion: 97 Resp: 30648

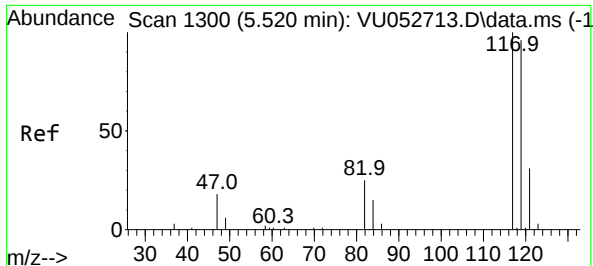
Ion Ratio Lower Upper

97 100

99 67.0 52.4 78.6

61 46.5 38.5 57.7

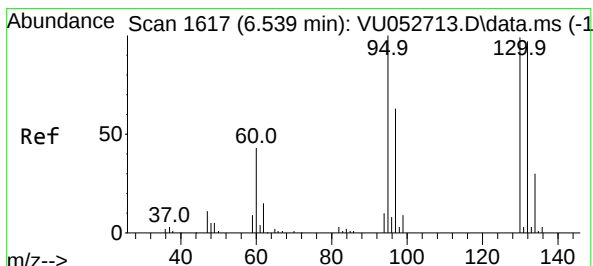
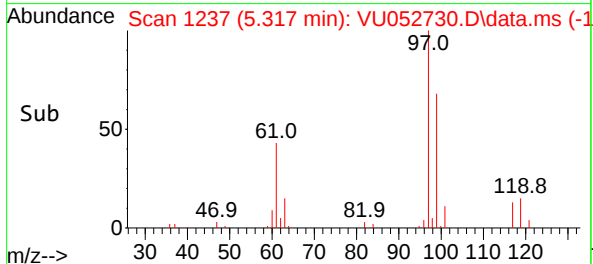
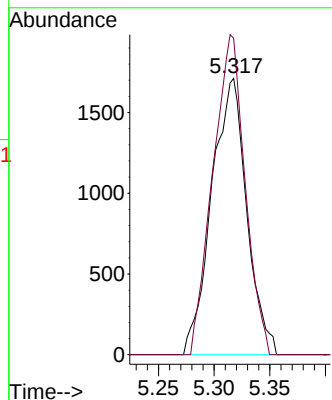
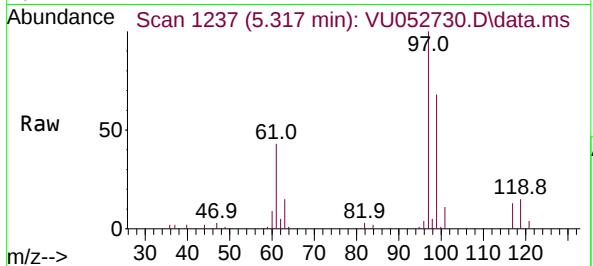




#31
Carbon tetrachloride
Concen: 0.242 ug/L
RT: 5.317 min Scan# 117
Delta R.T. -0.203 min
Lab File: VU052730.D
Acq: 17 Jan 2023 18:48

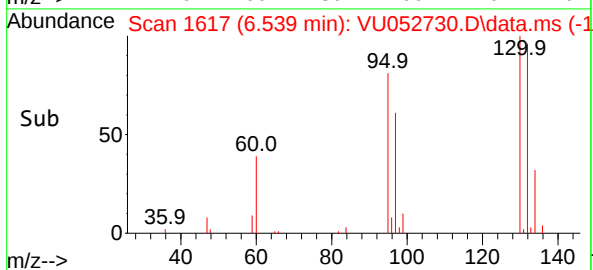
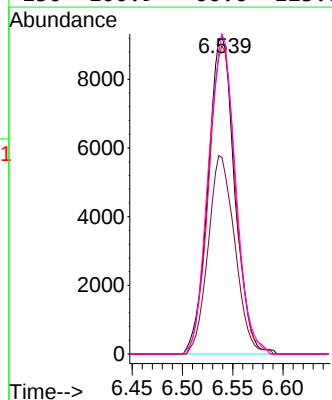
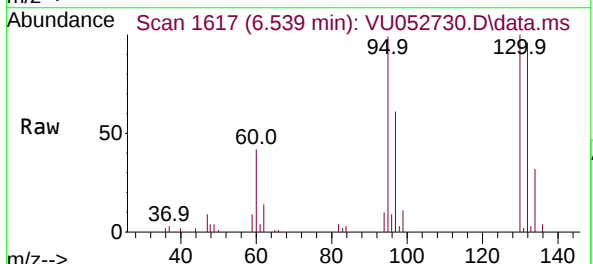
Instrument :
MSVOA_U
ClientSampleId :

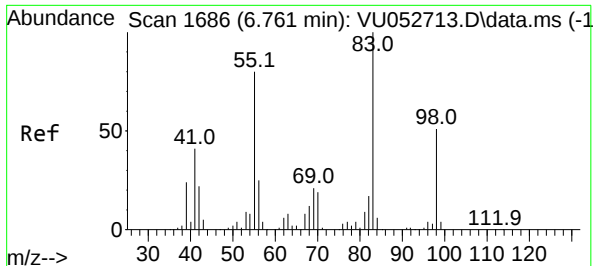
Tgt Ion:117 Resp: 3746
Ion Ratio Lower Upper
117 100
119 106.6 77.8 116.8



#34
Trichloroethene
Concen: 1.451 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU052730.D
Acq: 17 Jan 2023 18:48

Tgt Ion: 95 Resp: 17106
Ion Ratio Lower Upper
95 100
97 61.9 46.0 85.4
132 97.1 64.0 118.8
130 100.9 66.6 123.8





#35

Methylcyclohexane

Concen: 0.795 ug/L

RT: 6.687 min Scan# 1663

Delta R.T. -0.074 min

Lab File: VU052730.D

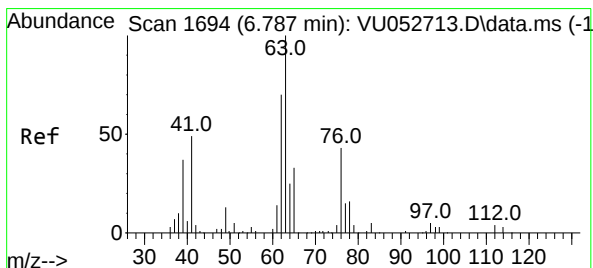
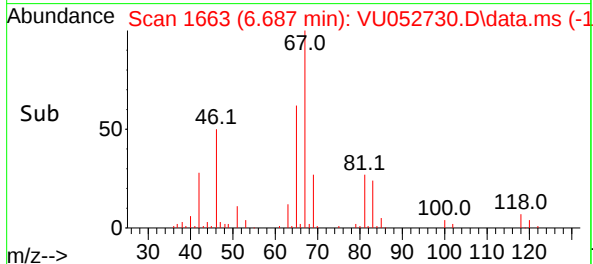
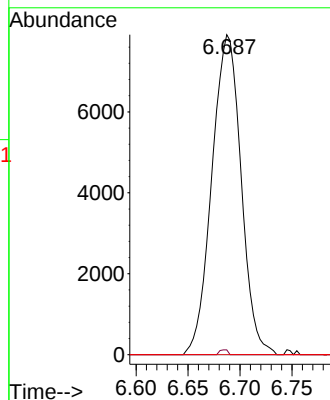
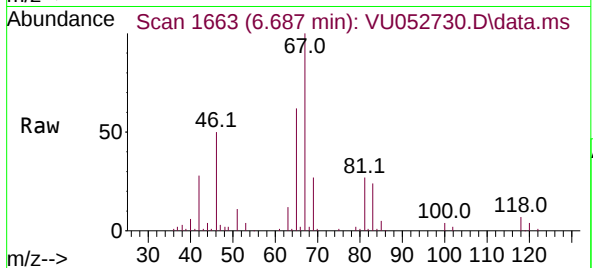
Acq: 17 Jan 2023 18:48

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	15482
Ion Ratio	Lower	Upper	
83	100		
55	0.4	67.6	101.4#
98	0.8	37.1	55.7#



#37

1,2-Dichloropropane

Concen: 0.515 ug/L

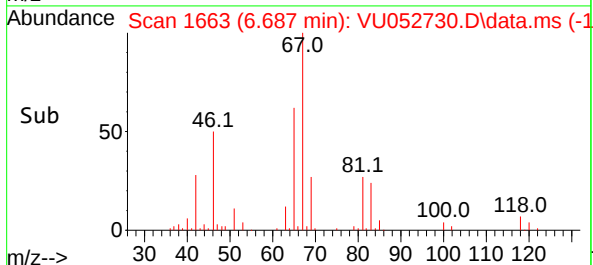
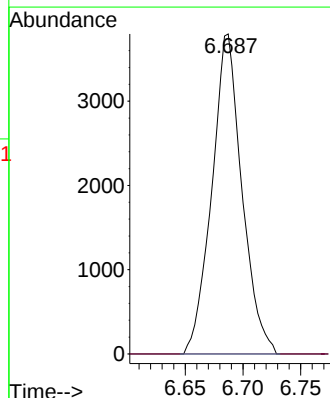
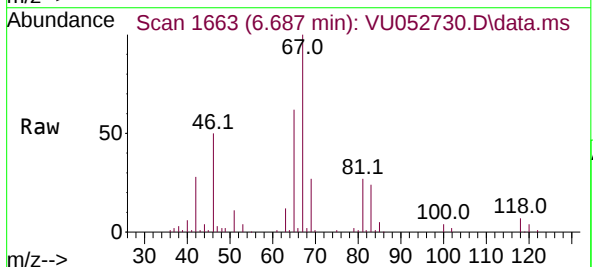
RT: 6.687 min Scan# 1663

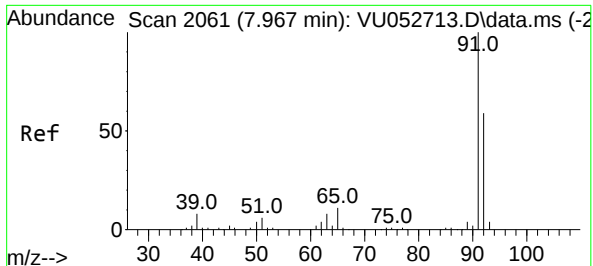
Delta R.T. -0.100 min

Lab File: VU052730.D

Acq: 17 Jan 2023 18:48

Tgt Ion:	63	Resp:	6889
Ion Ratio	Lower	Upper	
63	100		
112	0.0	2.9	4.3#





#42

Toluene

Concen: 0.804 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. 0.000 min

Lab File: VU052730.D

Acq: 17 Jan 2023 18:48

Instrument :

MSVOA_U

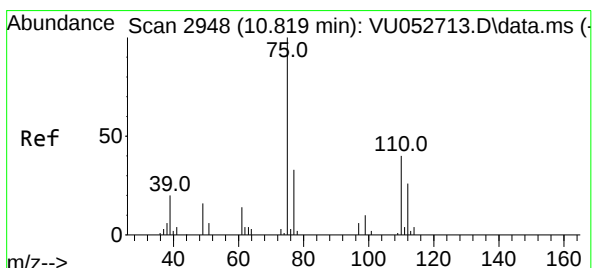
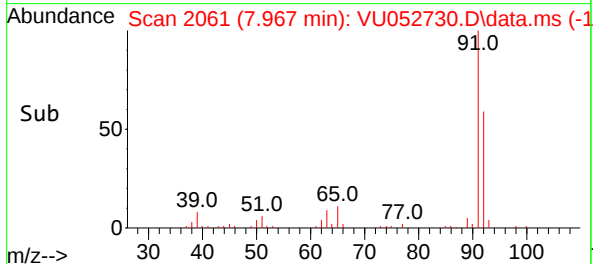
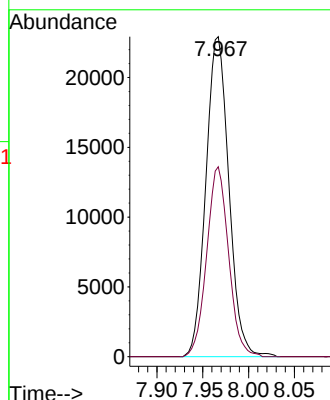
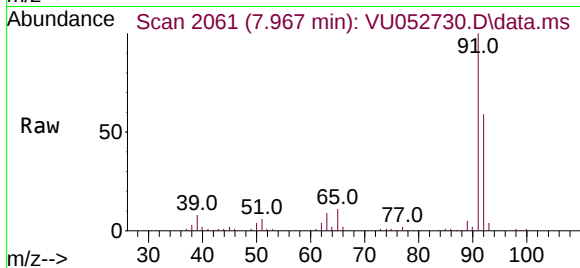
ClientSampleId :

Tgt Ion: 91 Resp: 39927

Ion Ratio Lower Upper

91 100

92 59.3 40.5 75.1



#61

1,2,3-Trichloropropane

Concen: 0.935 ug/L

RT: 11.806 min Scan# 3255

Delta R.T. 0.987 min

Lab File: VU052730.D

Acq: 17 Jan 2023 18:48

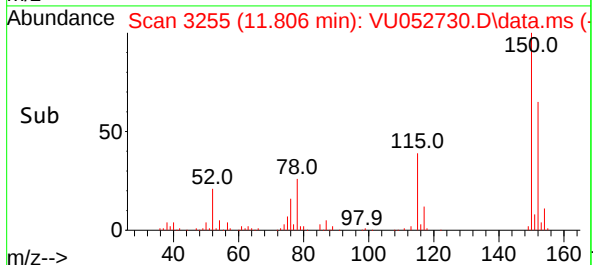
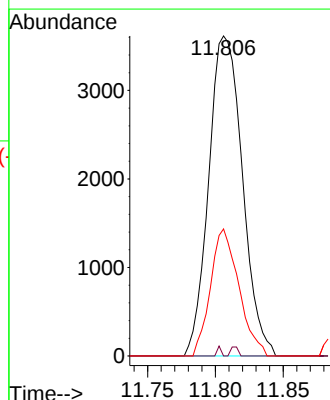
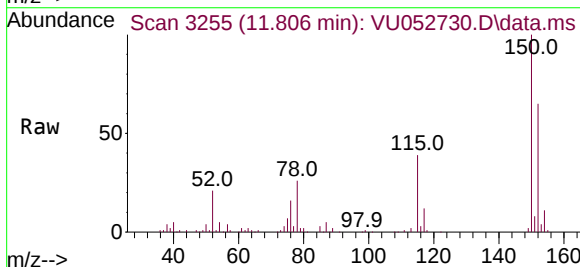
Tgt Ion: 75 Resp: 6254

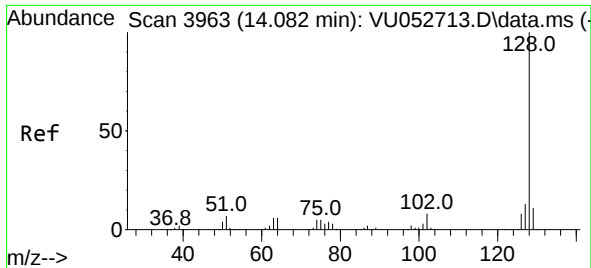
Ion Ratio Lower Upper

75 100

110 0.4 27.2 40.8#

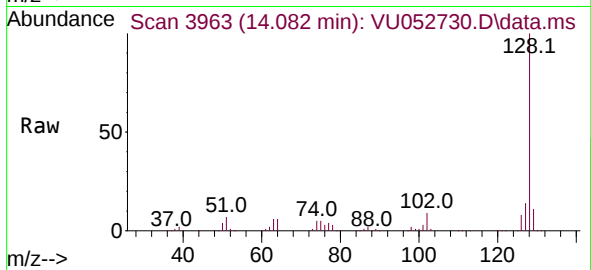
77 33.4 24.0 36.0





#71
Naphthalene
Concen: 11.621 ug/L
RT: 14.082 min Scan# 3963
Delta R.T. 0.000 min
Lab File: VU052730.D
Acq: 17 Jan 2023 18:48

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 233326
Ion Ratio Lower Upper
128 100
129 11.0 8.3 12.5
127 13.4 10.8 16.2

