

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011723\
 Data File : VU052728.D
 Acq On : 17 Jan 2023 18:00
 Operator : JC/MD
 Sample : 01138-06 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 18 01:19:52 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)

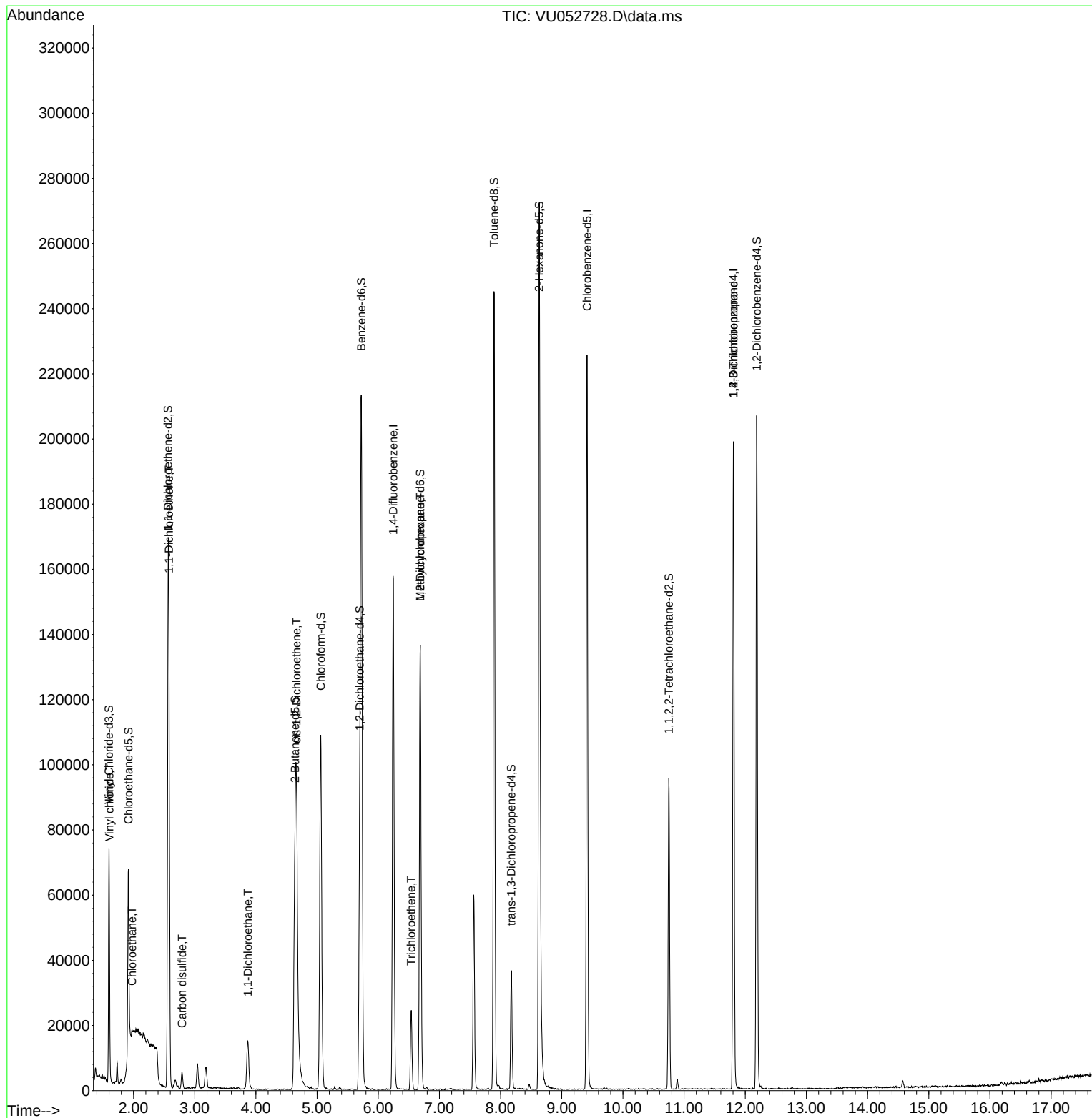
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	127361	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	125482	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	53418	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	49953	4.464	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.200%
7) Chloroethane-d5	1.916	69	43770	4.802	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.000%
11) 1,1-Dichloroethene-d2	2.565	65	23539	4.777	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.600%
20) 2-Butanone-d5	4.639	46	131172	43.845	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.680%
24) Chloroform-d	5.060	84	104328	4.998	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
26) 1,2-Dichloroethane-d4	5.697	65	53897	5.028	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
32) Benzene-d6	5.723	84	203673	5.008	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
36) 1,2-Dichloropropane-d6	6.687	67	63982	4.721	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.400%
41) Toluene-d8	7.893	98	163775	4.567	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
43) trans-1,3-Dichloroprop...	8.176	79	21018	4.170	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.400%
46) 2-Hexanone-d5	8.632	63	91141	43.531	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.060%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	46893	4.519	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.400%
66) 1,2-Dichlorobenzene-d4	12.188	152	55072	5.663	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.200%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.604	62	5203	0.327	ug/L	86
8) Chloroethane	1.977	64	57391	5.938	ug/L #	52
12) 1,1-Dichloroethene	2.578	96	26644	2.413	ug/L #	65
14) Carbon disulfide	2.793	76	7056	0.185	ug/L	96
19) 1,1-Dichloroethane	3.867	63	17506	0.749	ug/L	99
22) cis-1,2-Dichloroethene	4.665	96	24612	2.035	ug/L	95
34) Trichloroethene	6.539	95	8042	0.685	ug/L	94
35) Methylcyclohexane	6.687	83	15849	0.817	ug/L #	16
61) 1,2,3-Trichloropropane	11.806	75	6439	1.037	ug/L #	67

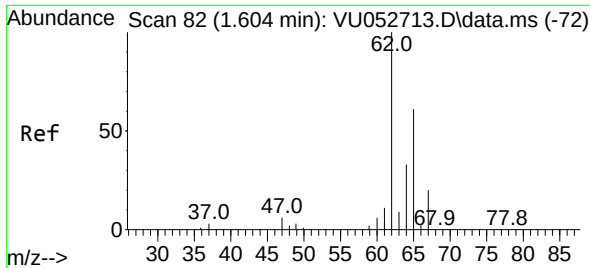
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jan 18 01:16:13 2023
Response via : Initial Calibration

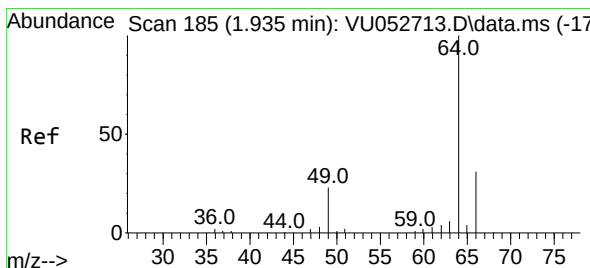
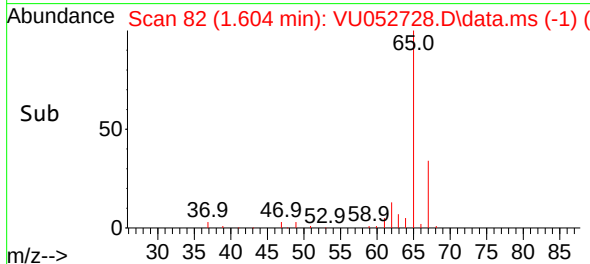
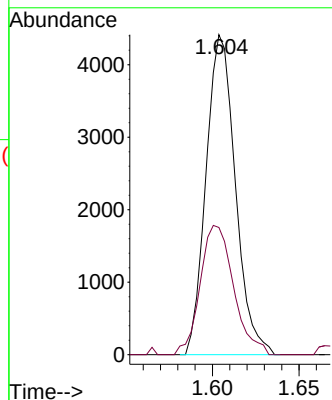
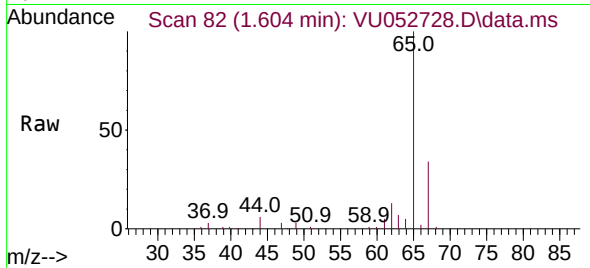




#5
 Vinyl chloride
 Concen: 0.327 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU052728.D
 Acq: 17 Jan 2023 18:00

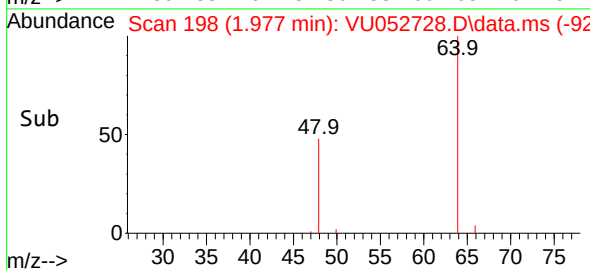
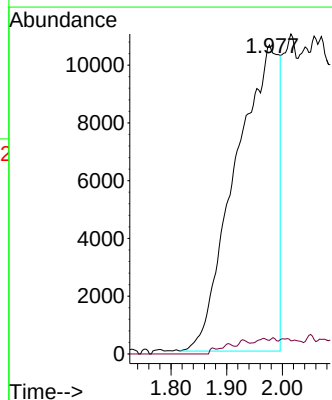
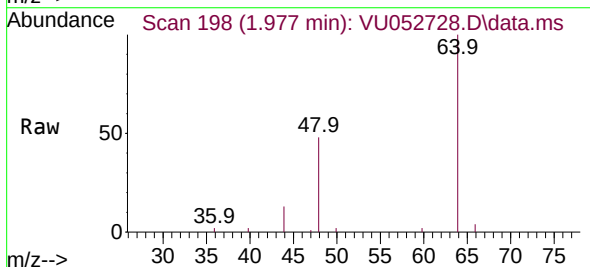
Instrument :
 MSVOA_U
 ClientSampleId :

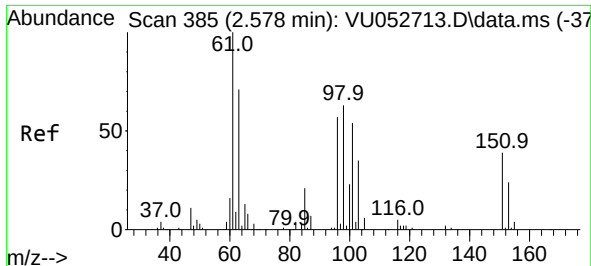
Tgt Ion: 62 Resp: 5203
 Ion Ratio Lower Upper
 62 100
 64 39.8 22.3 41.3



#8
 Chloroethane
 Concen: 5.938 ug/L
 RT: 1.977 min Scan# 198
 Delta R.T. 0.042 min
 Lab File: VU052728.D
 Acq: 17 Jan 2023 18:00

Tgt Ion: 64 Resp: 57391
 Ion Ratio Lower Upper
 64 100
 66 4.4 21.6 40.2

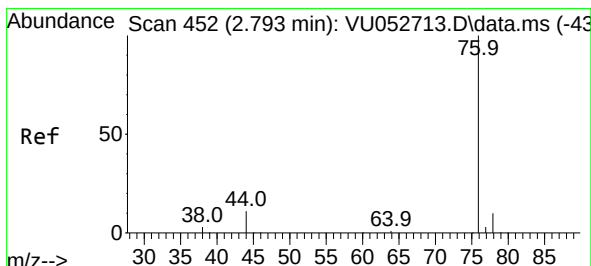
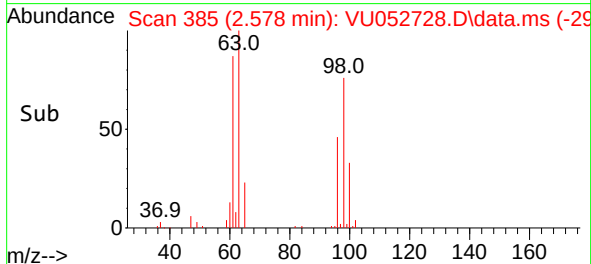
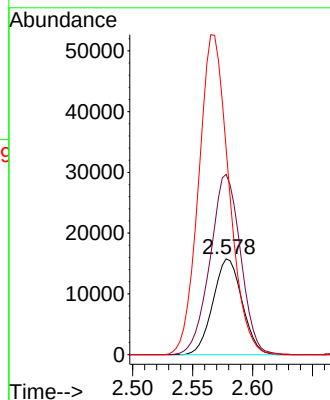
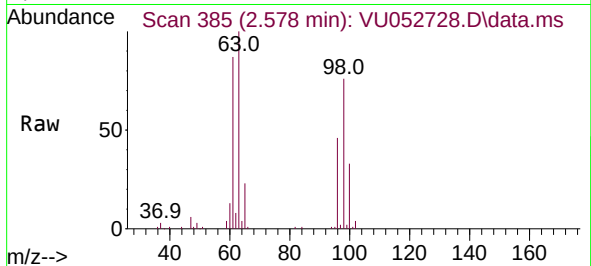




#12
1,1-Dichloroethene
Concen: 2.413 ug/L
RT: 2.578 min Scan# 385
Delta R.T. -0.000 min
Lab File: VU052728.D
Acq: 17 Jan 2023 18:00

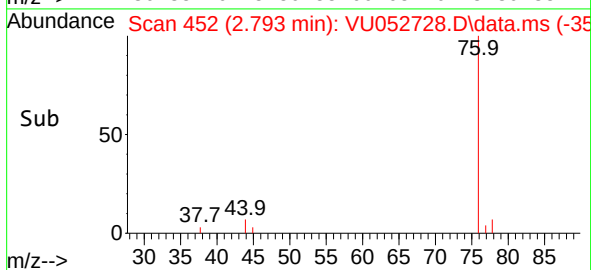
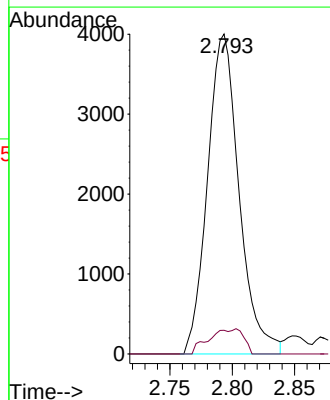
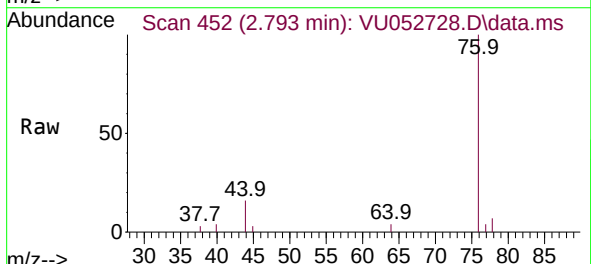
Instrument :
MSVOA_U
ClientSampleId :

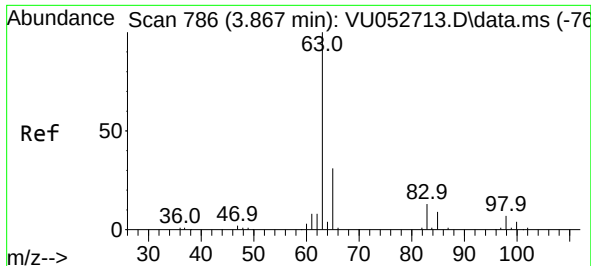
Tgt Ion: 96 Resp: 26644
Ion Ratio Lower Upper
96 100
61 188.3 129.6 240.8
63 215.4 83.7 155.5#



#14
Carbon disulfide
Concen: 0.185 ug/L
RT: 2.793 min Scan# 452
Delta R.T. -0.000 min
Lab File: VU052728.D
Acq: 17 Jan 2023 18:00

Tgt Ion: 76 Resp: 7056
Ion Ratio Lower Upper
76 100
78 7.4 7.0 10.6





#19

1,1-Dichloroethane

Concen: 0.749 ug/L

RT: 3.867 min Scan# 786

Delta R.T. -0.000 min

Lab File: VU052728.D

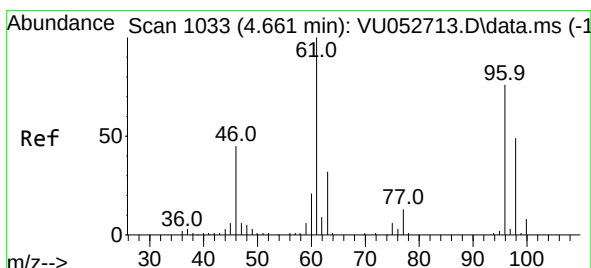
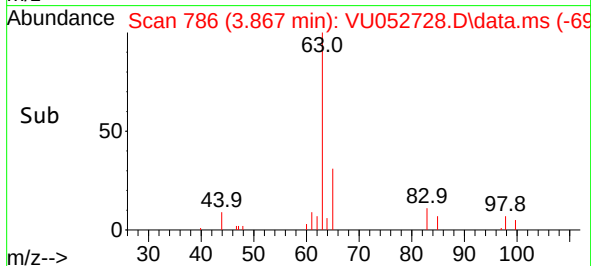
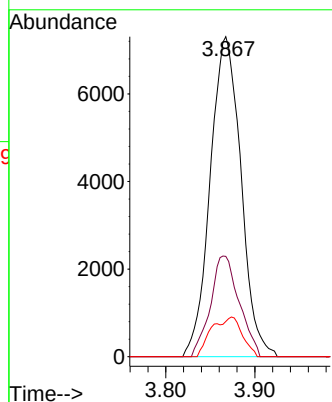
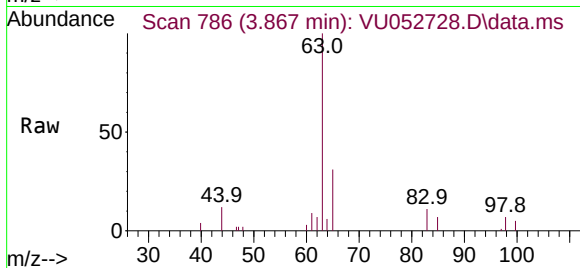
Acq: 17 Jan 2023 18:00

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	63	Resp:	17506
Ion	Ratio	Lower	Upper
63	100		
65	31.3	22.0	41.0
83	11.0	8.9	16.5



#22

cis-1,2-Dichloroethene

Concen: 2.035 ug/L

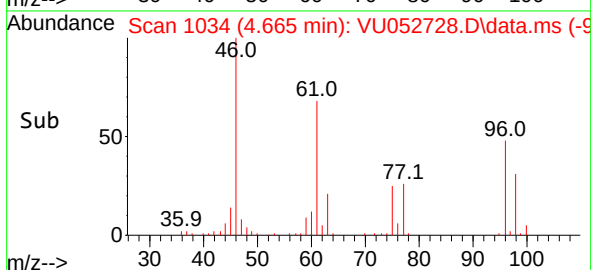
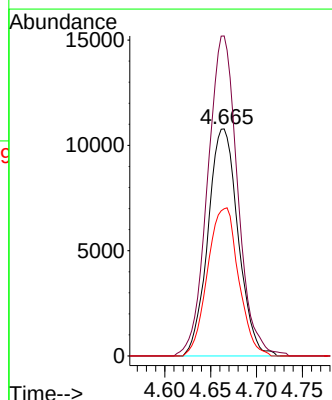
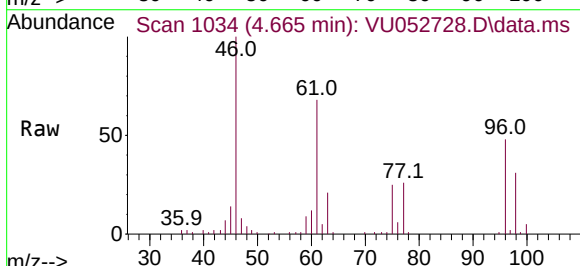
RT: 4.665 min Scan# 1034

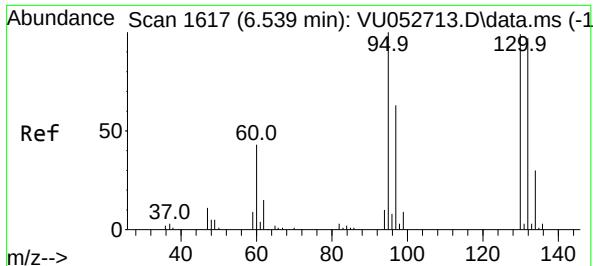
Delta R.T. 0.003 min

Lab File: VU052728.D

Acq: 17 Jan 2023 18:00

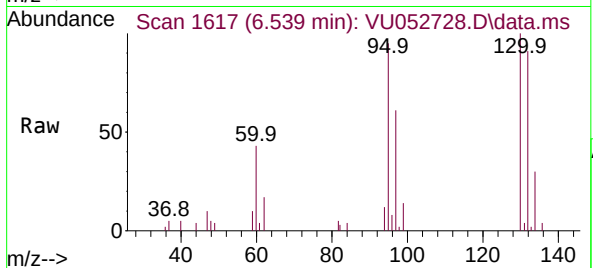
Tgt Ion:	96	Resp:	24612
Ion	Ratio	Lower	Upper
96	100		
61	140.9	94.6	175.8
98	64.9	43.3	80.3





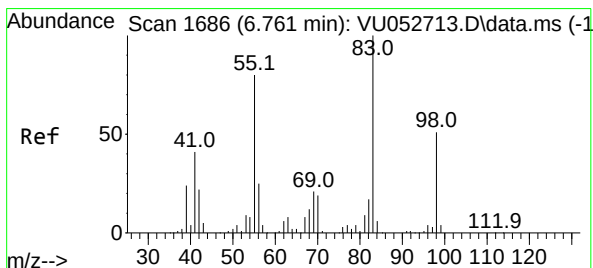
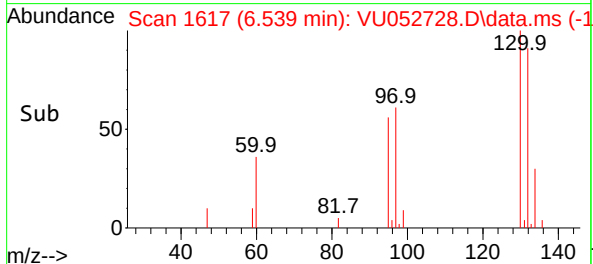
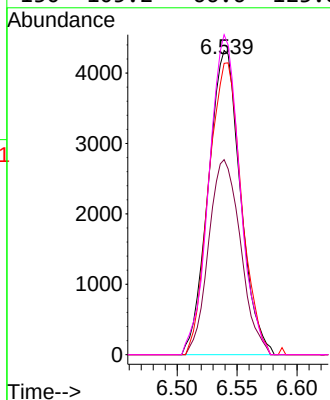
#34
Trichloroethene
Concen: 0.685 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU052728.D
Acq: 17 Jan 2023 18:00

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 95 Resp: 8042

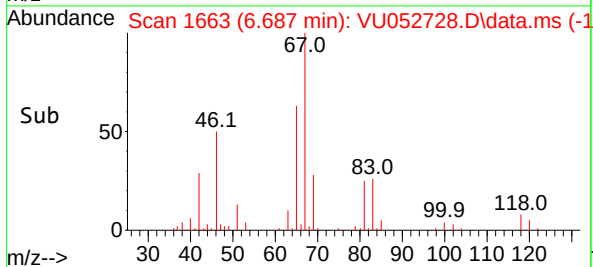
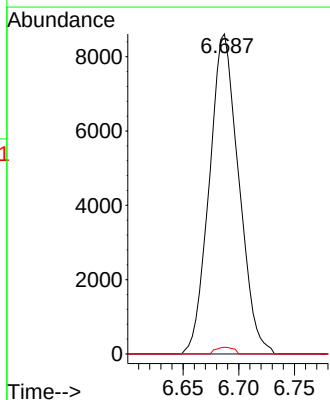
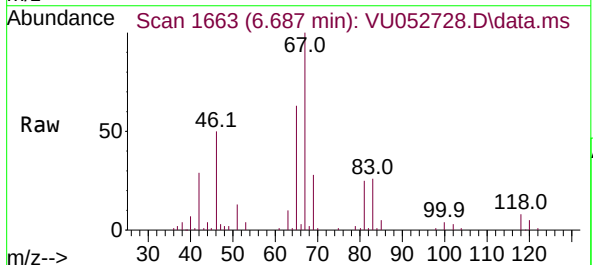
Ion	Ratio	Lower	Upper
95	100		
97	64.1	46.0	85.4
132	95.8	64.0	118.8
130	105.2	66.6	123.8

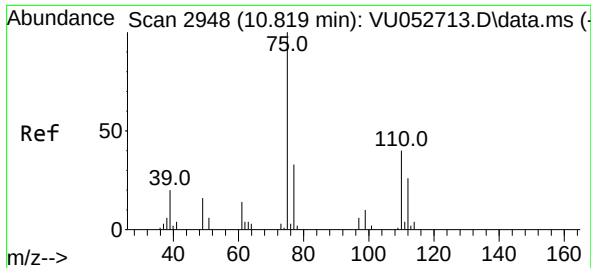


#35
Methylcyclohexane
Concen: 0.817 ug/L
RT: 6.687 min Scan# 1663
Delta R.T. -0.074 min
Lab File: VU052728.D
Acq: 17 Jan 2023 18:00

Tgt Ion: 83 Resp: 15849

Ion	Ratio	Lower	Upper
83	100		
55	0.0	67.6	101.4#
98	1.3	37.1	55.7#





#61

1,2,3-Trichloropropane

Concen: 1.037 ug/L

RT: 11.806 min Scan# 31

Delta R.T. 0.987 min

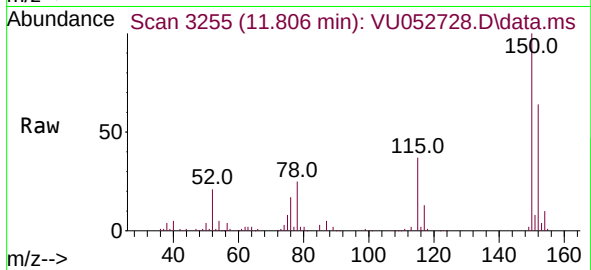
Lab File: VU052728.D

Acq: 17 Jan 2023 18:00

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 75 Resp: 6439

Ion Ratio Lower Upper

75 100

110 1.0 27.2 40.8#

77 32.7 24.0 36.0

