

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040924\
 Data File : VU058529.D
 Acq On : 09 Apr 2024 21:32
 Operator : MD/SY
 Sample : P1970-11 400X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 10 02:16:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 10 02:08:42 2024
 Response via : Initial Calibration

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

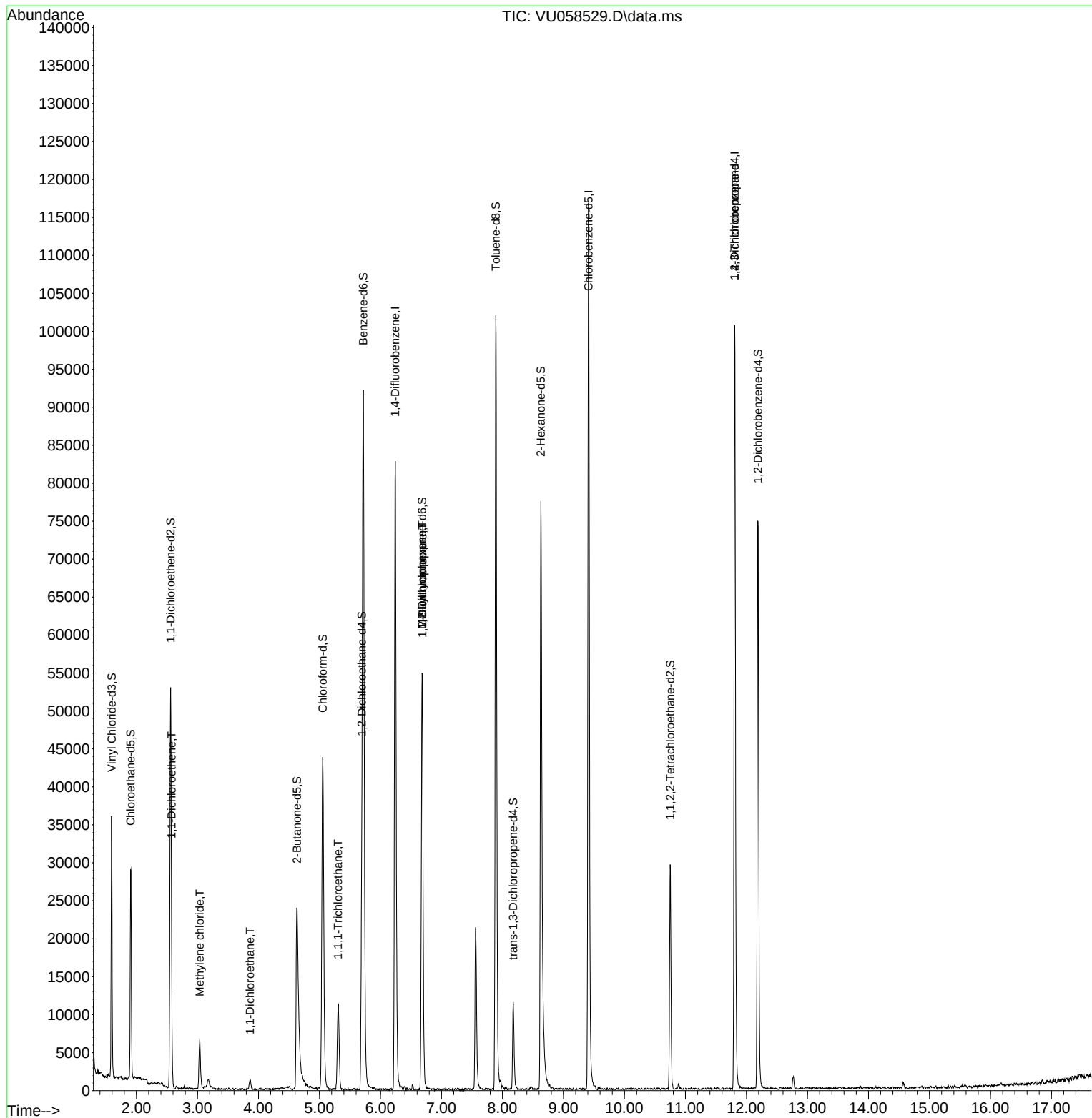
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	63712	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	63135	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	26467	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	22519	5.339	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.800%
7) Chloroethane-d5	1.904	69	19135	5.220	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.400%
11) 1,1-Dichloroethene-d2	2.560	65	10016	5.246	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.000%
20) 2-Butanone-d5	4.631	46	39859	44.839	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.680%
24) Chloroform-d	5.052	84	40812	4.847	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
26) 1,2-Dichloroethane-d4	5.695	65	19514	4.966	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.400%
32) Benzene-d6	5.718	84	83239	4.897	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
36) 1,2-Dichloropropane-d6	6.682	67	26714	5.011	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.200%
41) Toluene-d8	7.891	98	69353	4.601	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
43) trans-1,3-Dichloroprop...	8.177	79	7183	4.341	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.800%
46) 2-Hexanone-d5	8.631	63	27072	39.668	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.340%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	14900	3.959	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	19856	4.454	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.000%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.573	96	1607	0.356	ug/L #	1
16) Methylene chloride	3.036	84	2935	0.490	ug/L	95
19) 1,1-Dichloroethane	3.862	63	2052	0.199	ug/L	91
29) 1,1,1-Trichloroethane	5.306	97	8150	0.963	ug/L	98
35) Methylcyclohexane	6.682	83	5942	0.684	ug/L #	16
37) 1,2-Dichloropropane	6.685	63	2738	0.455	ug/L #	90
61) 1,2,3-Trichloropropane	11.807	75	3747	1.388	ug/L #	68

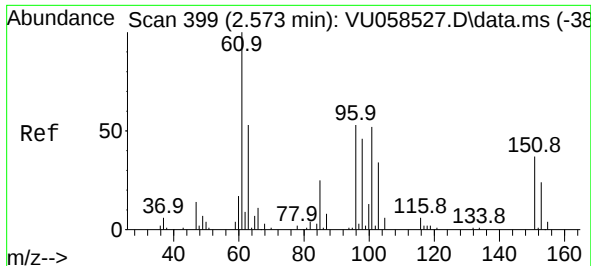
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.356 ug/L

RT: 2.573 min Scan# 399

Delta R.T. -0.000 min

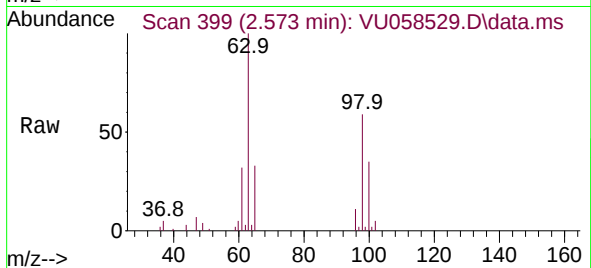
Lab File: VU058529.D

Acq: 09 Apr 2024 21:32

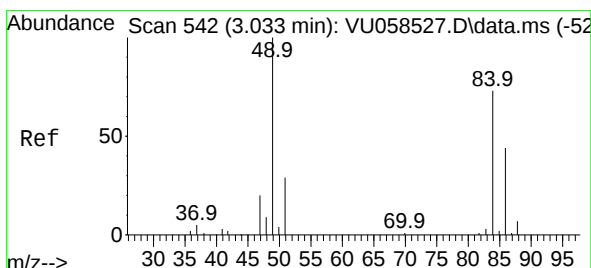
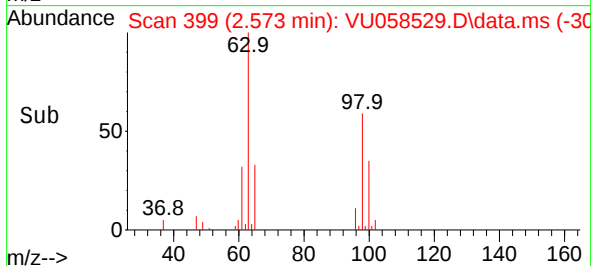
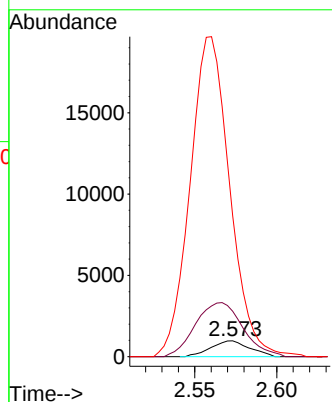
Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	96	Resp:	1607
Ion	Ratio	Lower	Upper
96	100		
61	285.4	132.5	246.1#
63	886.9	87.7	162.9#



#16

Methylene chloride

Concen: 0.490 ug/L

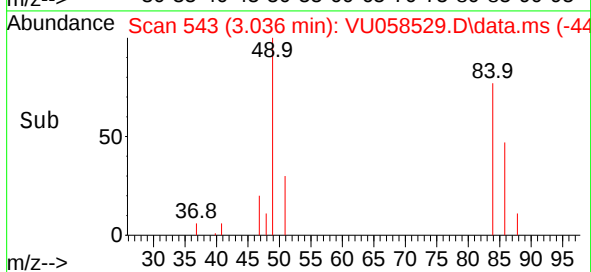
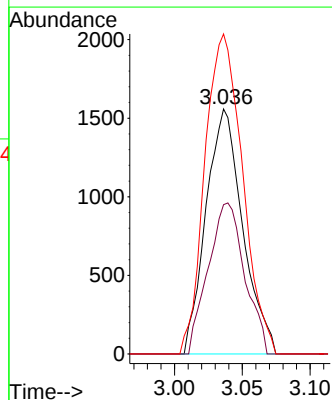
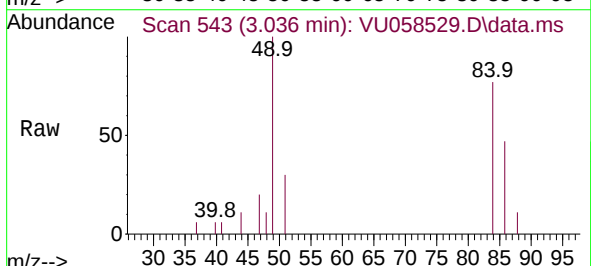
RT: 3.036 min Scan# 543

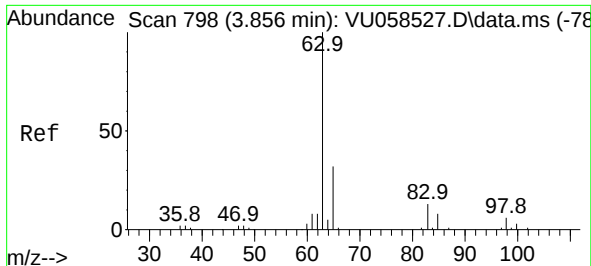
Delta R.T. 0.003 min

Lab File: VU058529.D

Acq: 09 Apr 2024 21:32

Tgt Ion:	84	Resp:	2935
Ion	Ratio	Lower	Upper
84	100		
86	60.9	44.3	82.3
49	130.6	96.0	178.2





#19

1,1-Dichloroethane

Concen: 0.199 ug/L

RT: 3.862 min Scan# 80

Delta R.T. 0.006 min

Lab File: VU058529.D

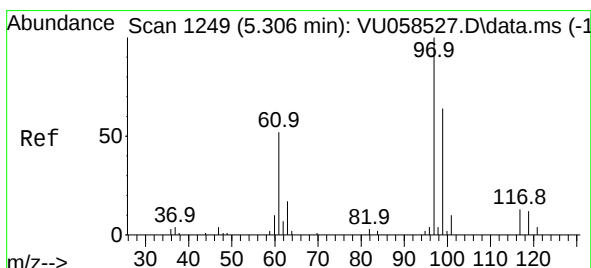
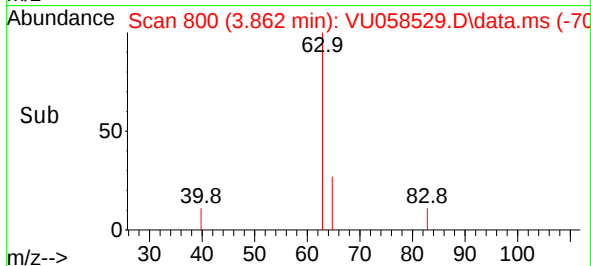
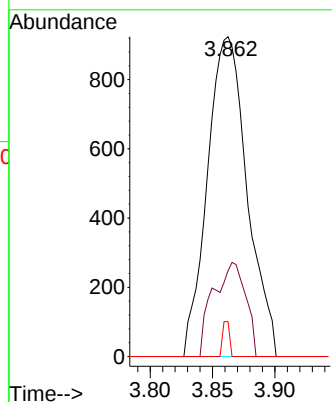
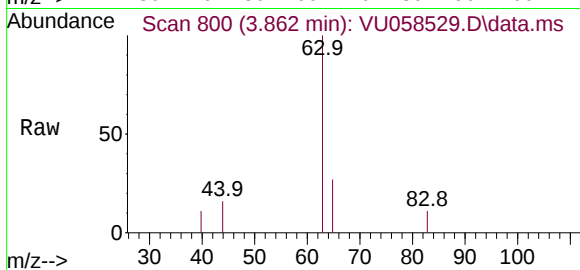
Acq: 09 Apr 2024 21:32

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 63	Resp: 2052
Ion Ratio	Lower Upper
63 100	
65 26.8	22.9 42.5
83 10.9	9.6 17.8



#29

1,1,1-Trichloroethane

Concen: 0.963 ug/L

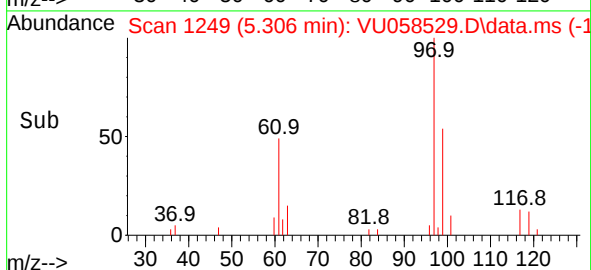
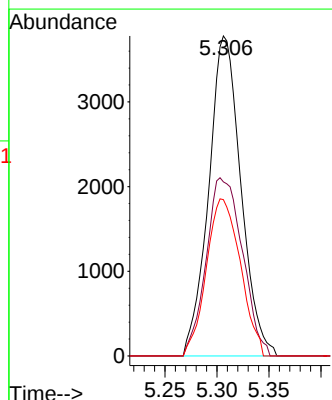
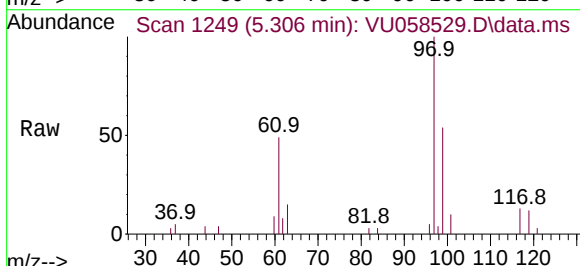
RT: 5.306 min Scan# 1249

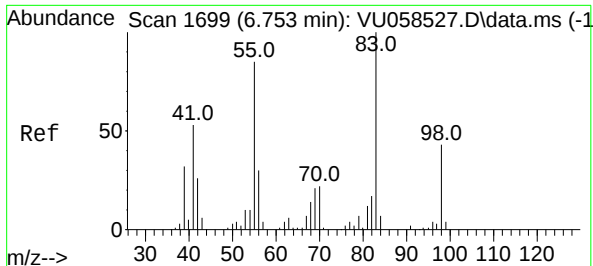
Delta R.T. 0.000 min

Lab File: VU058529.D

Acq: 09 Apr 2024 21:32

Tgt Ion: 97	Resp: 8150
Ion Ratio	Lower Upper
97 100	
99 62.5	50.4 75.6
61 51.8	39.4 59.0





#35

Methylcyclohexane

Concen: 0.684 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU058529.D

Acq: 09 Apr 2024 21:32

Instrument :

MSVOA_U

ClientSampleId :

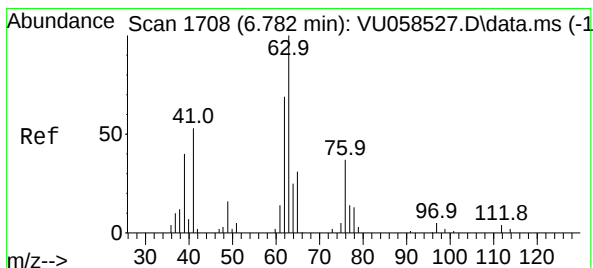
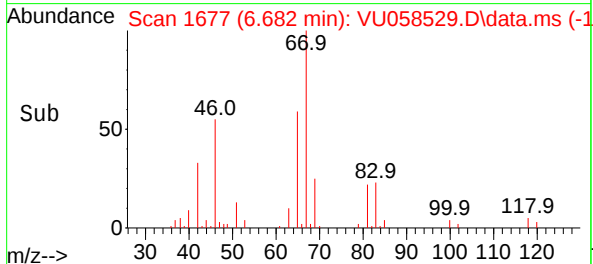
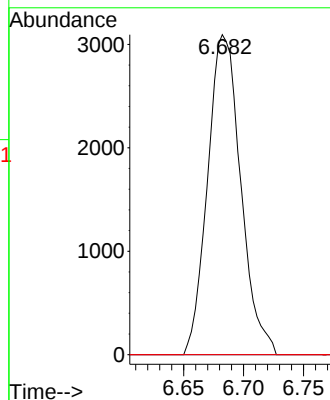
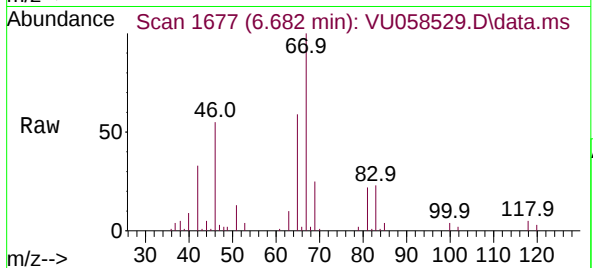
Tgt Ion: 83 Resp: 5942

Ion Ratio Lower Upper

83 100

55 0.0 66.2 99.4#

98 0.0 34.6 52.0#



#37

1,2-Dichloropropane

Concen: 0.455 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.096 min

Lab File: VU058529.D

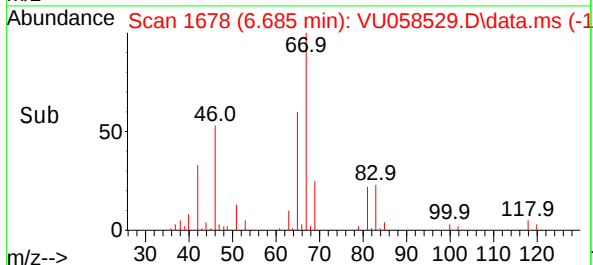
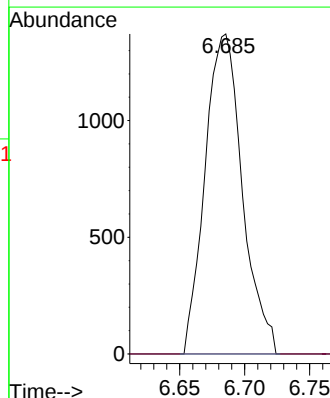
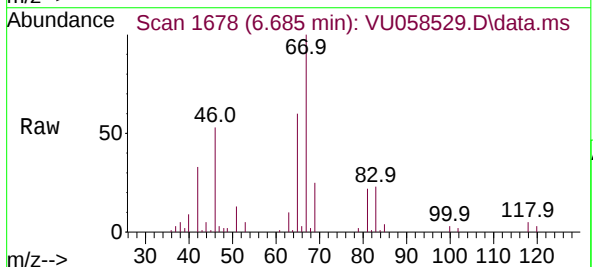
Acq: 09 Apr 2024 21:32

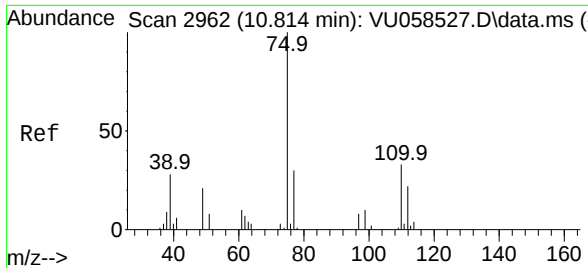
Tgt Ion: 63 Resp: 2738

Ion Ratio Lower Upper

63 100

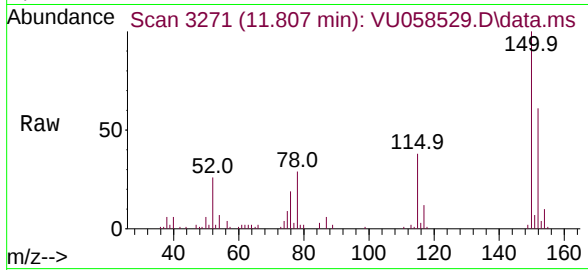
112 0.0 2.6 4.0#





#61
 1,2,3-Trichloropropane
 Concen: 1.388 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.994 min
 Lab File: VU058529.D
 Acq: 09 Apr 2024 21:32

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 3747
 Ion Ratio Lower Upper
 75 100
 110 0.0 25.8 38.6#
 77 35.1 25.1 37.7

