

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092023\
 Data File : VU055429.D
 Acq On : 20 Sep 2023 16:53
 Operator : MD/SY
 Sample : 04398-05DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 21 00:30:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 21 00:26:15 2023
 Response via : Initial Calibration

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

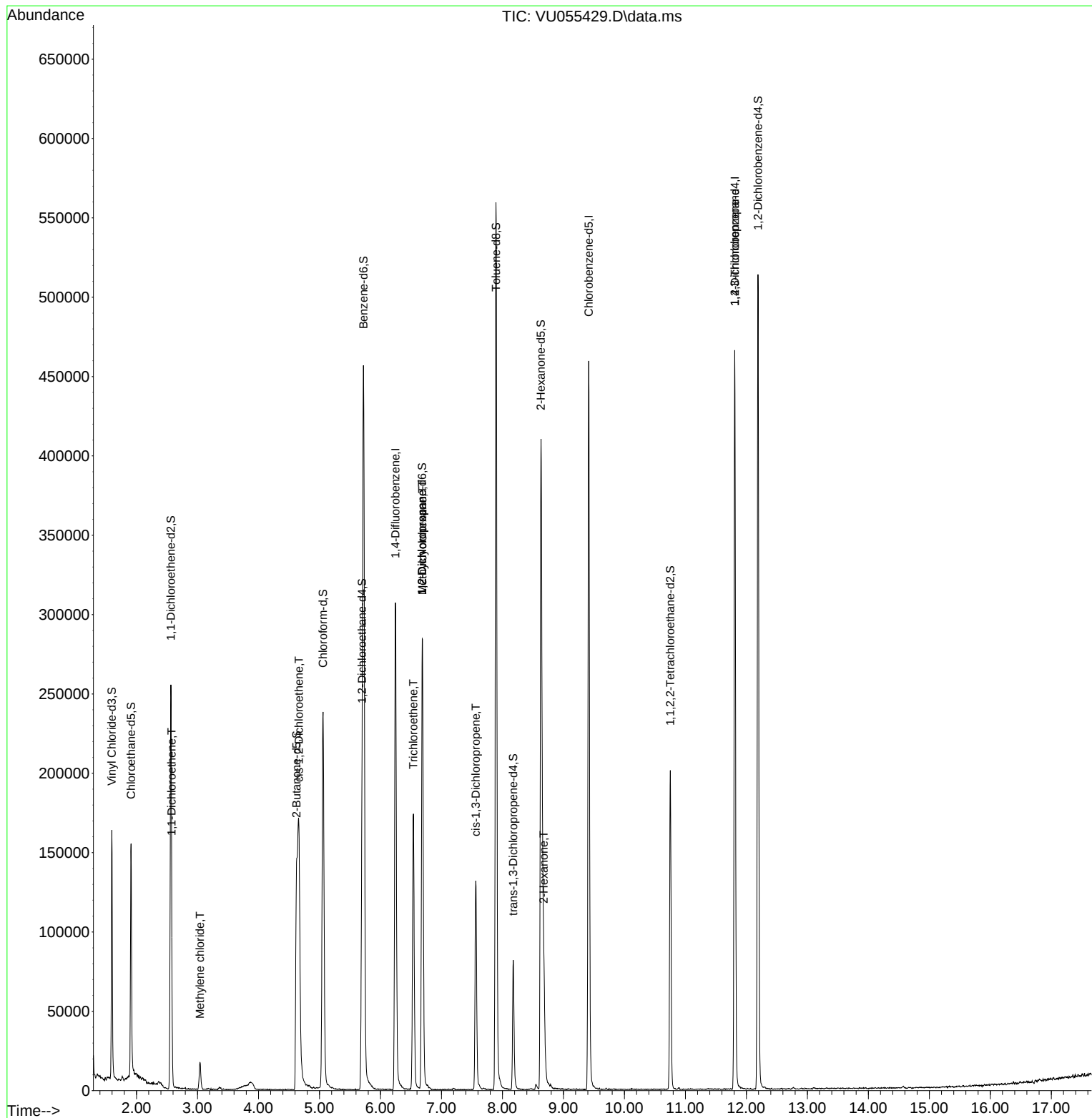
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	254221	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	259471	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	124135	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	110825	4.313	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	86.200%	
7) Chloroethane-d5	1.911	69	103525	4.572	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	91.400%	
11) 1,1-Dichloroethene-d2	2.563	65	47154	4.459	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	89.200%	
20) 2-Butanone-d5	4.624	46	238622	51.417	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	102.840%	
24) Chloroform-d	5.058	84	223809	4.816	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.400%	
26) 1,2-Dichloroethane-d4	5.698	65	116674	5.219	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	104.400%	
32) Benzene-d6	5.724	84	446642	4.921	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.400%	
36) 1,2-Dichloropropane-d6	6.685	67	138515	5.108	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	102.200%	
41) Toluene-d8	7.894	98	384129	4.644	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.800%	
43) trans-1,3-Dichloroprop...	8.177	79	46859	4.924	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	98.400%	
46) 2-Hexanone-d5	8.631	63	126344	43.649	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	87.300%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	99061	4.874	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	97.400%	
66) 1,2-Dichlorobenzene-d4	12.190	152	134674	5.375	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	107.600%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.576	96	4116	0.232	ug/L #	1
16) Methylene chloride	3.039	84	8127	0.382	ug/L	99
22) cis-1,2-Dichloroethene	4.663	96	68782	3.311	ug/L	99
34) Trichloroethene	6.541	95	58279	2.759	ug/L	98
35) Methylcyclohexane	6.689	83	32223	1.059	ug/L #	20
37) 1,2-Dichloropropane	6.685	63	14971	0.767	ug/L #	88
39) cis-1,3-Dichloropropene	7.563	75	3497	0.134	ug/L #	64
48) 2-Hexanone	8.679	43	40088	5.838	ug/L #	72
61) 1,2,3-Trichloropropane	11.811	75	15559	1.606	ug/L #	66

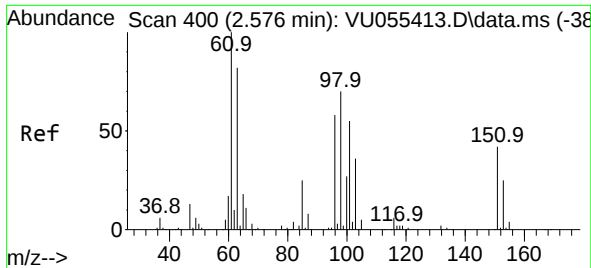
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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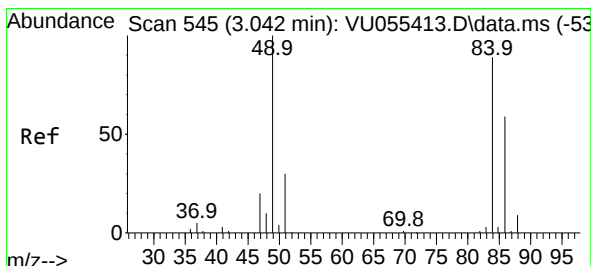
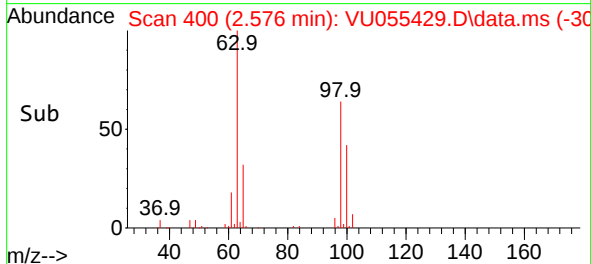
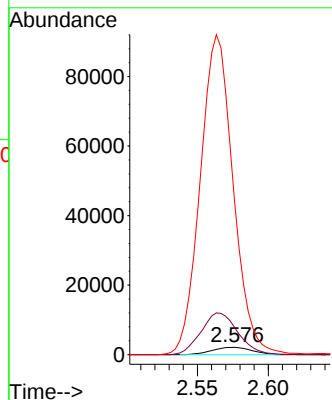
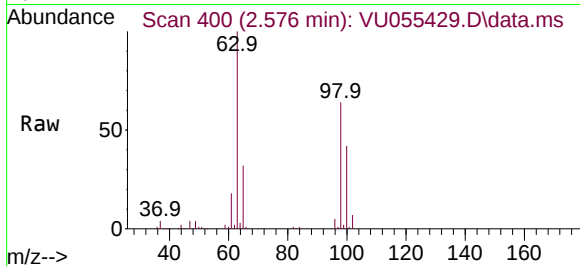




#12
1,1-Dichloroethene
Concen: 0.232 ug/L
RT: 2.576 min Scan# 400
Delta R.T. 0.000 min
Lab File: VU055429.D
Acq: 20 Sep 2023 16:53

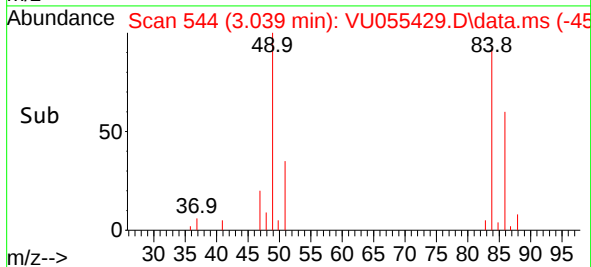
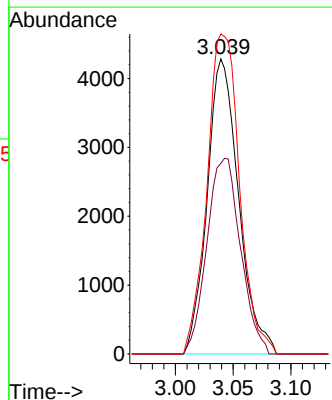
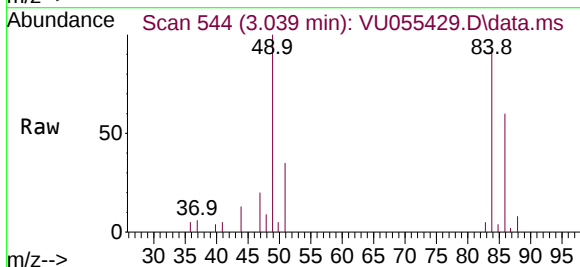
Instrument :
MSVOA_U
ClientSampleId :

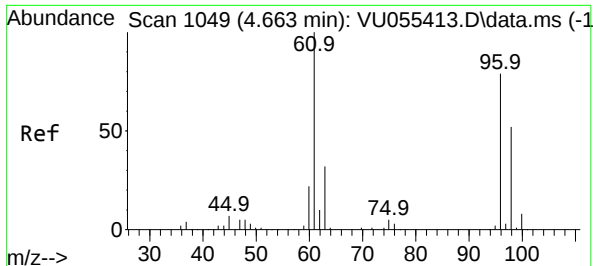
Tgt Ion: 96 Resp: 4116
Ion Ratio Lower Upper
96 100
61 367.9 114.5 212.7#
63 2065.1 98.3 182.5#



#16
Methylene chloride
Concen: 0.382 ug/L
RT: 3.039 min Scan# 544
Delta R.T. -0.003 min
Lab File: VU055429.D
Acq: 20 Sep 2023 16:53

Tgt Ion: 84 Resp: 8127
Ion Ratio Lower Upper
84 100
86 64.6 44.9 83.3
49 114.0 78.8 146.3





#22

cis-1,2-Dichloroethene

Concen: 3.311 ug/L

RT: 4.663 min Scan# 1049

Delta R.T. 0.000 min

Lab File: VU055429.D

Acq: 20 Sep 2023 16:53

Instrument :

MSVOA_U

ClientSampleId :

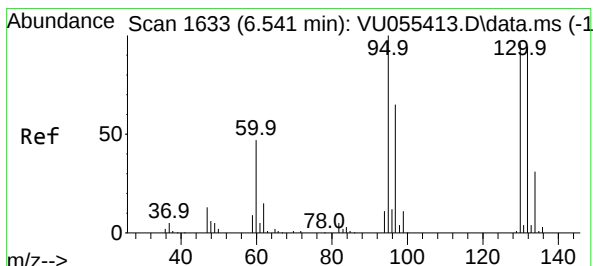
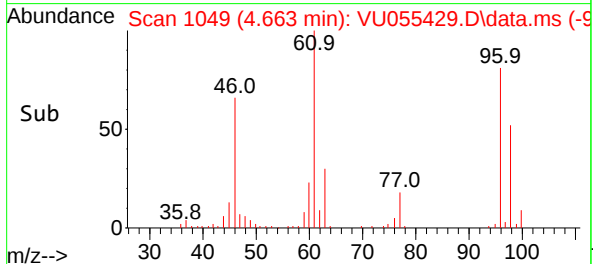
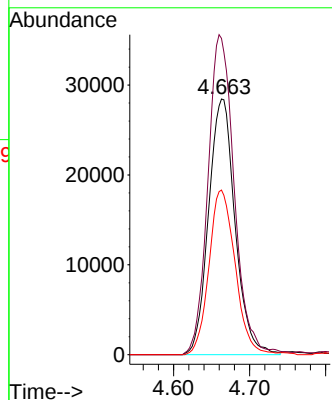
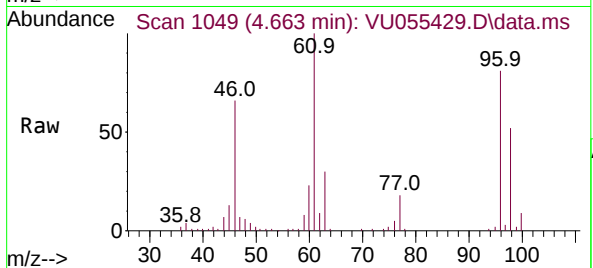
Tgt Ion: 96 Resp: 68782

Ion Ratio Lower Upper

96 100

61 123.7 87.8 163.2

98 64.4 44.4 82.4



#34

Trichloroethene

Concen: 2.759 ug/L

RT: 6.541 min Scan# 1633

Delta R.T. 0.000 min

Lab File: VU055429.D

Acq: 20 Sep 2023 16:53

Tgt Ion: 95 Resp: 58279

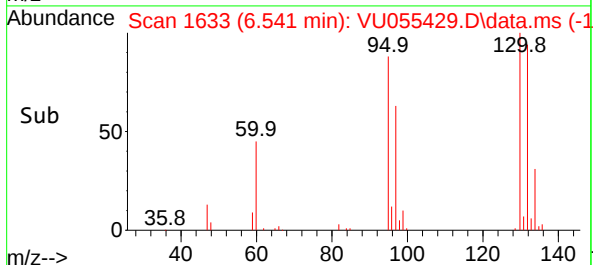
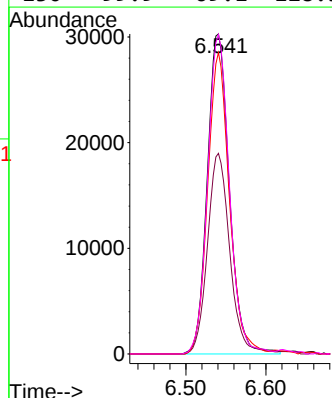
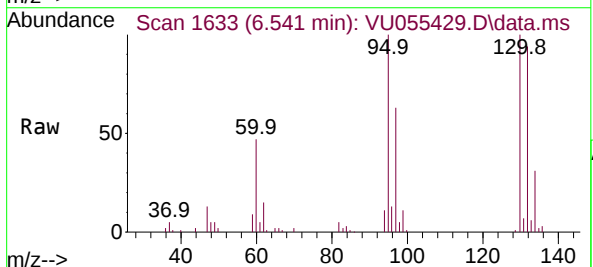
Ion Ratio Lower Upper

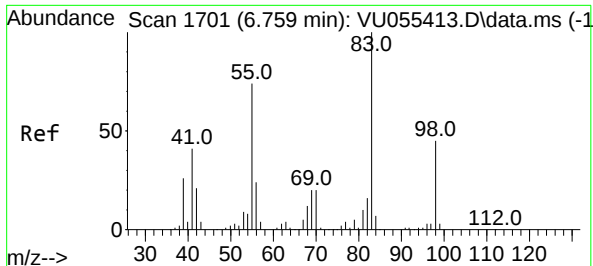
95 100

97 62.7 45.4 84.2

132 94.2 65.2 121.2

130 99.9 69.1 128.3

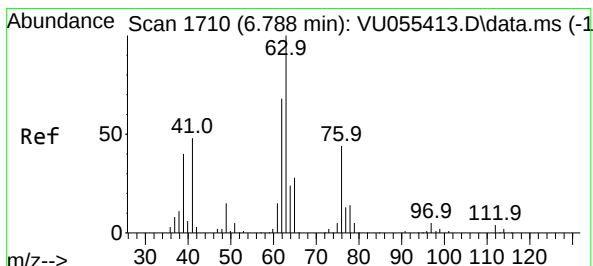
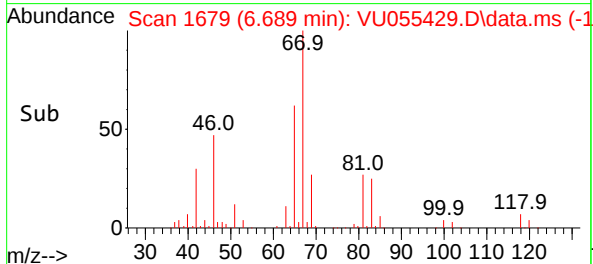
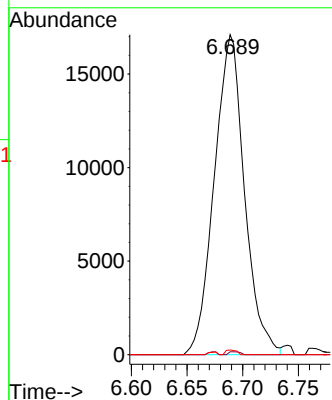
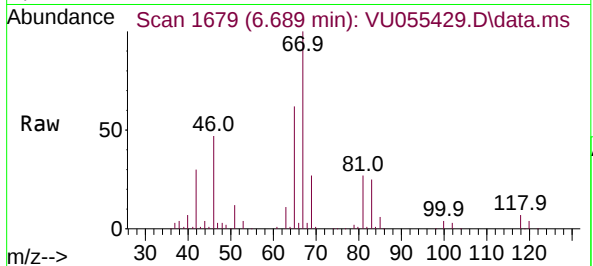




#35
Methylcyclohexane
Concen: 1.059 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU055429.D
Acq: 20 Sep 2023 16:53

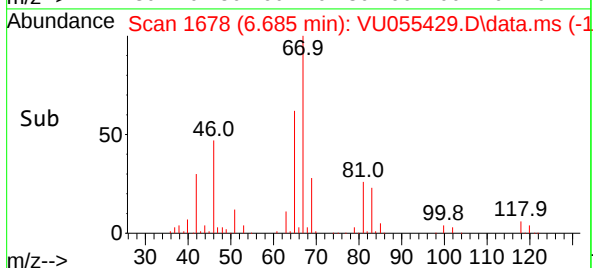
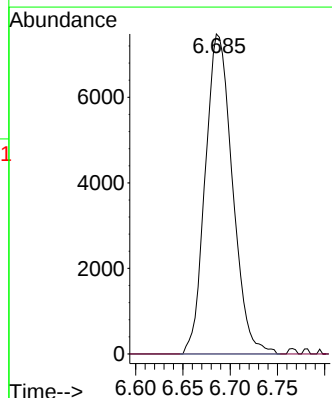
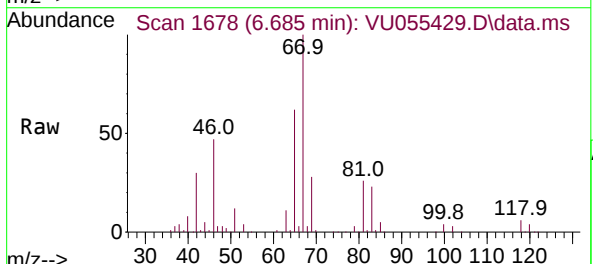
Instrument :
MSVOA_U
ClientSampleId :

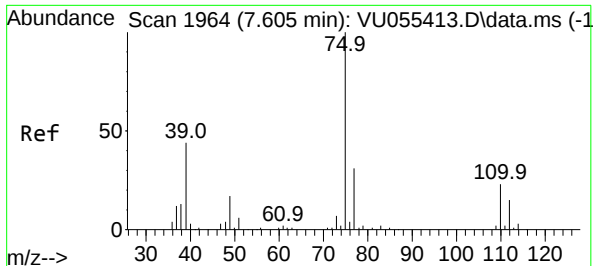
Tgt Ion: 83 Resp: 32223
Ion Ratio Lower Upper
83 100
55 0.3 59.1 88.7#
98 0.0 36.3 54.5#



#37
1,2-Dichloropropane
Concen: 0.767 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.103 min
Lab File: VU055429.D
Acq: 20 Sep 2023 16:53

Tgt Ion: 63 Resp: 14971
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#





#39

cis-1,3-Dichloropropene

Concen: 0.134 ug/L

RT: 7.563 min Scan# 1964

Delta R.T. -0.042 min

Lab File: VU055429.D

Acq: 20 Sep 2023 16:53

Instrument :

MSVOA_U

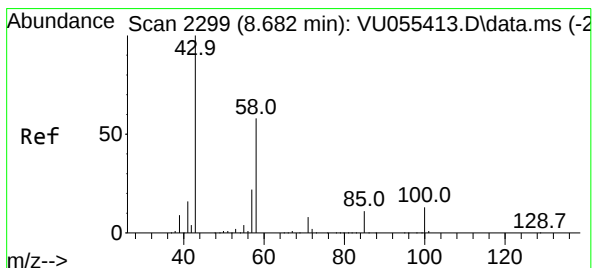
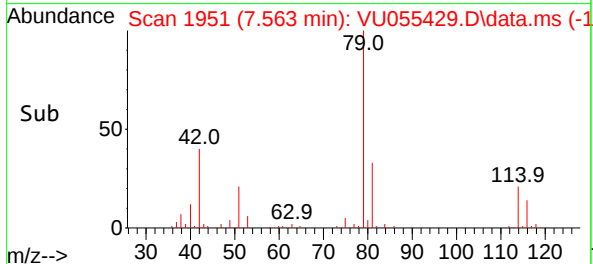
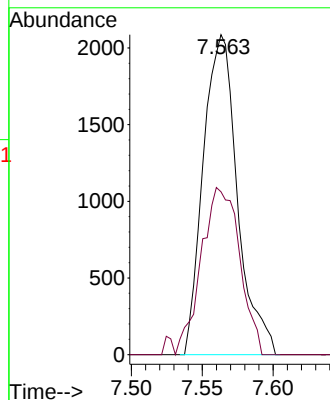
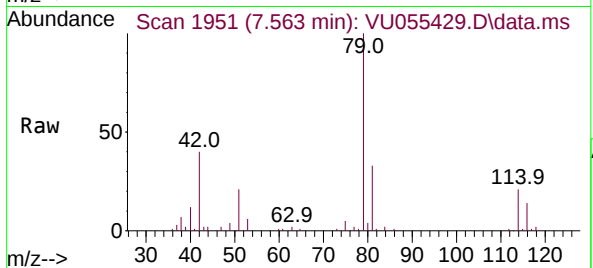
ClientSampleId :

Tgt Ion: 75 Resp: 3497

Ion Ratio Lower Upper

75 100

77 50.9 21.6 40.2#



#48

2-Hexanone

Concen: 5.838 ug/L

RT: 8.679 min Scan# 2298

Delta R.T. -0.003 min

Lab File: VU055429.D

Acq: 20 Sep 2023 16:53

Tgt Ion: 43 Resp: 40088

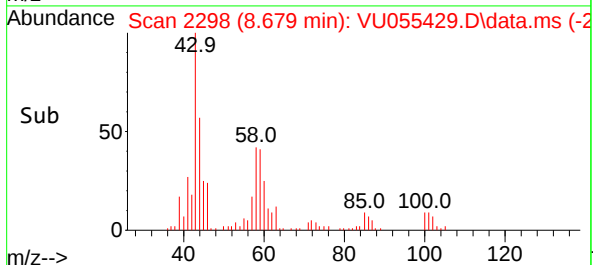
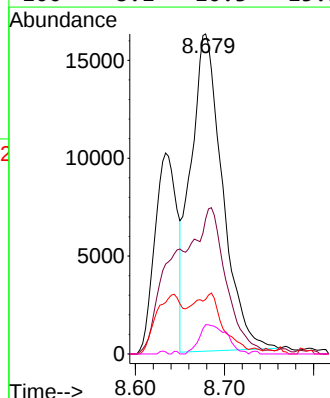
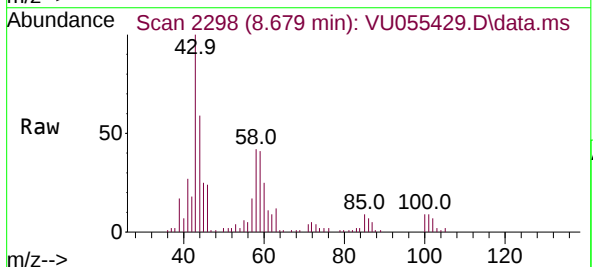
Ion Ratio Lower Upper

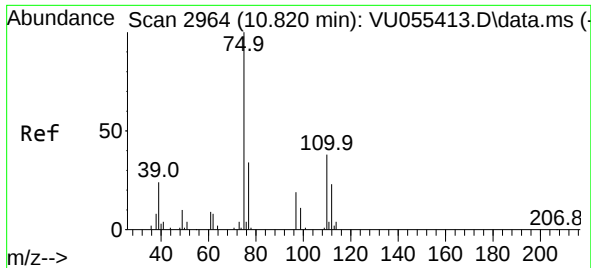
43 100

58 32.7 48.5 72.7#

57 15.7 17.0 25.4#

100 8.1 10.3 15.5#





#61

1,2,3-Trichloropropane

Concen: 1.606 ug/L

RT: 11.811 min Scan# 31

Delta R.T. 0.990 min

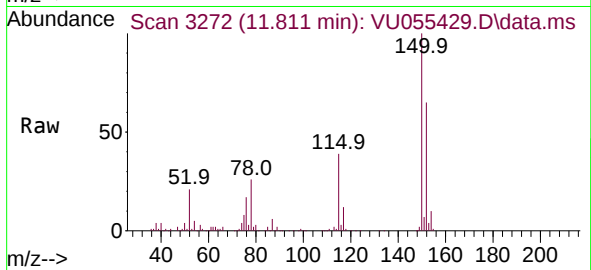
Lab File: VU055429.D

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Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:	75	Resp:	15559
Ion	Ratio	Lower	Upper
75	100		
110	3.1	30.6	45.8#
77	37.5	26.7	40.1

