

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092823\
 Data File : VU055582.D
 Acq On : 28 Sep 2023 16:48
 Operator : MD/SY
 Sample : 04579-09DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 29 02:14:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 27 23:33:30 2023
 Response via : Initial Calibration

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

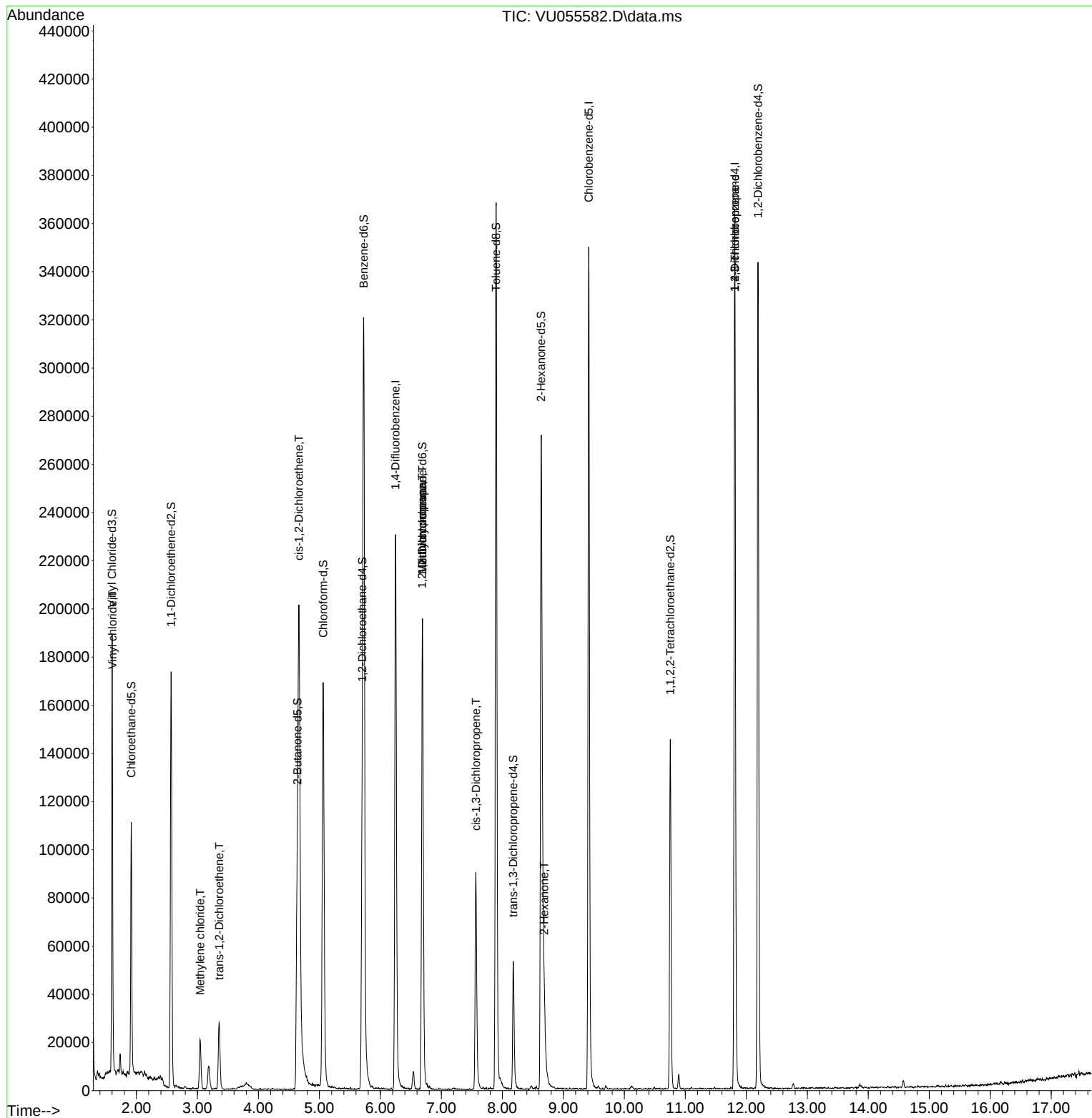
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	193556	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	198866	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	98517	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	82588	4.222	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	84.400%	
7) Chloroethane-d5	1.914	69	73219	4.247	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	85.000%	
11) 1,1-Dichloroethene-d2	2.567	65	31659	3.932	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	78.600%	
20) 2-Butanone-d5	4.637	46	162870	46.094	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	92.180%	
24) Chloroform-d	5.062	84	158756	4.487	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.800%	
26) 1,2-Dichloroethane-d4	5.702	65	76452	4.492	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.800%	
32) Benzene-d6	5.727	84	307883	4.426	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	88.600%	
36) 1,2-Dichloropropane-d6	6.689	67	96819	4.659	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	93.200%	
41) Toluene-d8	7.898	98	257188	4.057	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	81.200%	
43) trans-1,3-Dichloroprop...	8.177	79	31732	4.351	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	87.000%	
46) 2-Hexanone-d5	8.634	63	88802	40.029	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	80.060%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	74801	4.802	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	96.000%	
66) 1,2-Dichlorobenzene-d4	12.190	152	90710	4.562	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	91.200%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.605	62	49784	2.784	ug/L	97
16) Methylene chloride	3.042	84	10343	0.638	ug/L	86
18) trans-1,2-Dichloroethene	3.358	96	12292	0.901	ug/L	95
22) cis-1,2-Dichloroethene	4.663	96	86593	5.476	ug/L	99
35) Methylcyclohexane	6.689	83	23535	1.009	ug/L #	20
37) 1,2-Dichloropropane	6.685	63	10467	0.699	ug/L #	89
39) cis-1,3-Dichloropropene	7.566	75	2661	0.133	ug/L	85
48) 2-Hexanone	8.685	43	18738	3.561	ug/L #	88
61) 1,2,3-Trichloropropane	11.811	75	11533	1.500	ug/L #	67

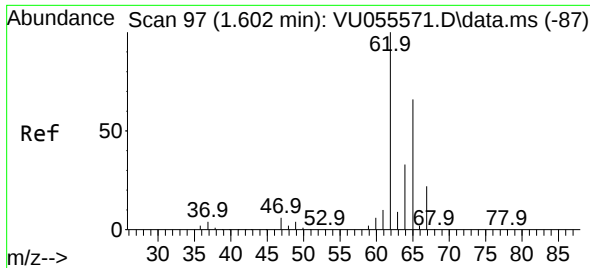
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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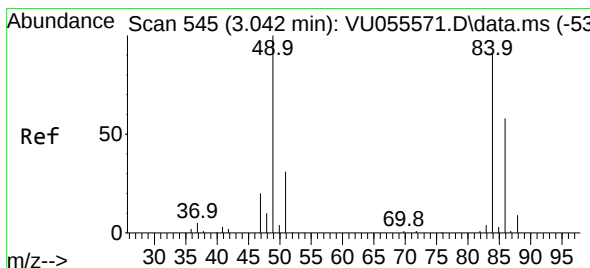
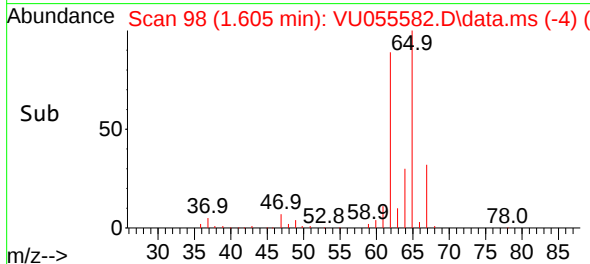
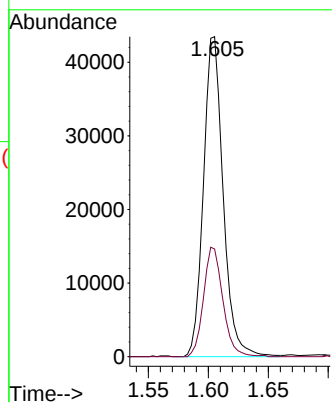
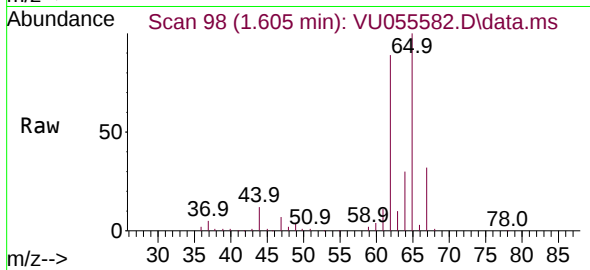




#5
 Vinyl chloride
 Concen: 2.784 ug/L
 RT: 1.605 min Scan# 97
 Delta R.T. 0.003 min
 Lab File: VU055582.D
 Acq: 28 Sep 2023 16:48

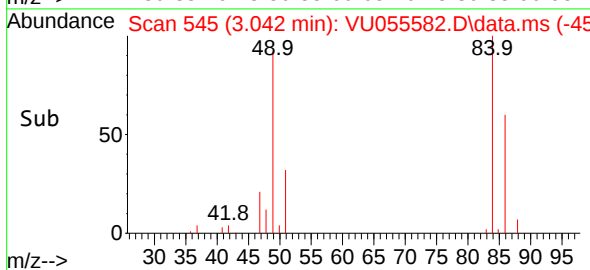
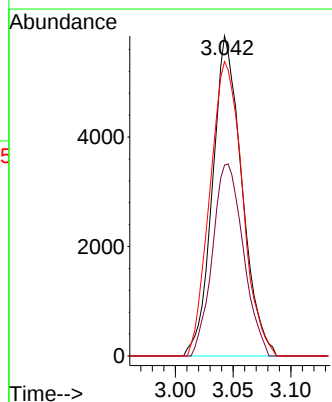
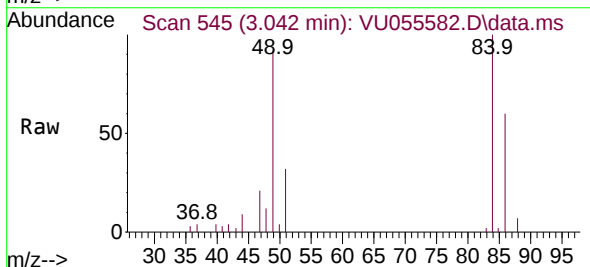
Instrument :
 MSVOA_U
 ClientSampleId :

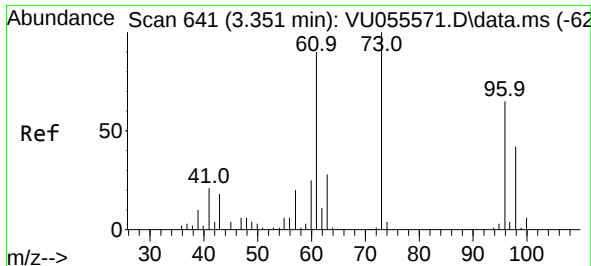
Tgt Ion: 62 Resp: 49784
 Ion Ratio Lower Upper
 62 100
 64 33.7 22.3 41.5



#16
 Methylene chloride
 Concen: 0.638 ug/L
 RT: 3.042 min Scan# 545
 Delta R.T. -0.000 min
 Lab File: VU055582.D
 Acq: 28 Sep 2023 16:48

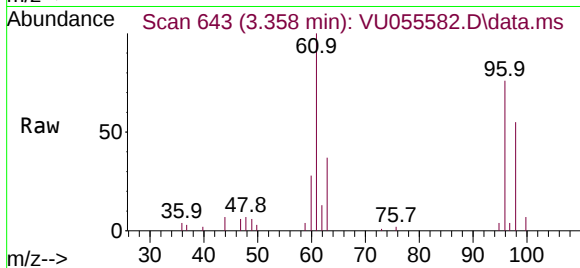
Tgt Ion: 84 Resp: 10343
 Ion Ratio Lower Upper
 84 100
 86 59.6 44.9 83.3
 49 92.0 78.8 146.3



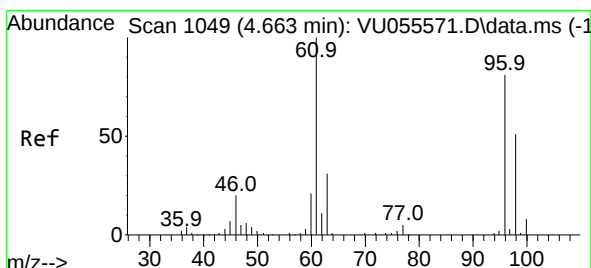
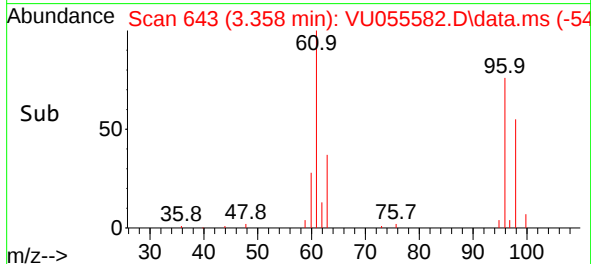
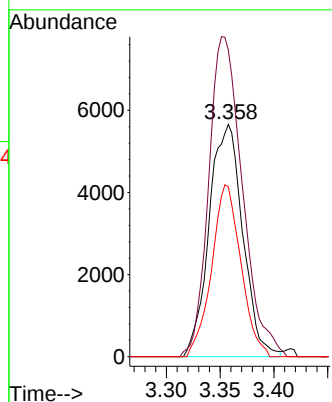


#18
trans-1,2-Dichloroethene
Concen: 0.901 ug/L
RT: 3.358 min Scan# 641
Delta R.T. 0.006 min
Lab File: VU055582.D
Acq: 28 Sep 2023 16:48

Instrument :
MSVOA_U
ClientSampleId :

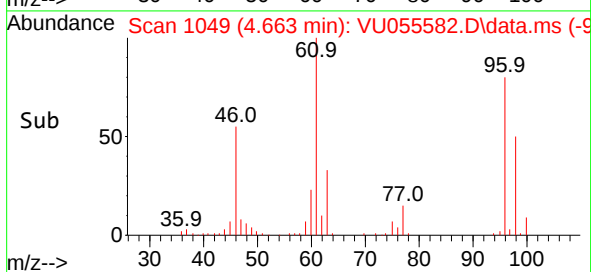
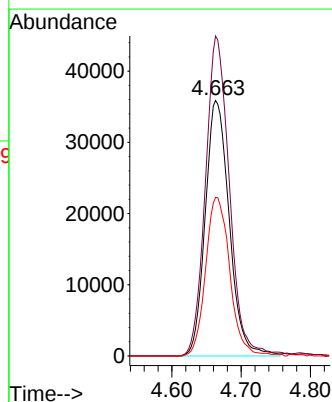
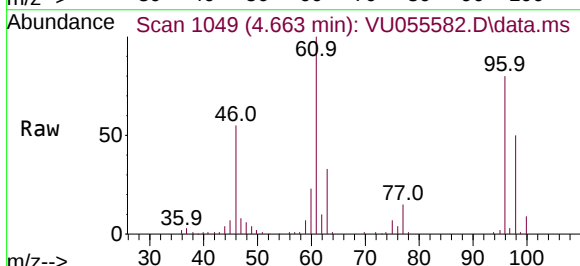


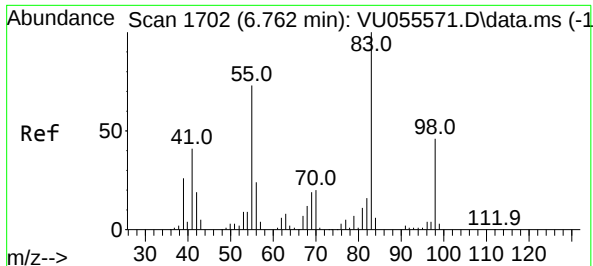
Tgt Ion: 96 Resp: 12292
Ion Ratio Lower Upper
96 100
61 131.9 94.6 175.6
98 73.1 45.7 84.9



#22
cis-1,2-Dichloroethene
Concen: 5.476 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VU055582.D
Acq: 28 Sep 2023 16:48

Tgt Ion: 96 Resp: 86593
Ion Ratio Lower Upper
96 100
61 125.2 87.8 163.2
98 62.1 44.4 82.4





#35

Methylcyclohexane

Concen: 1.009 ug/L

RT: 6.689 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU055582.D

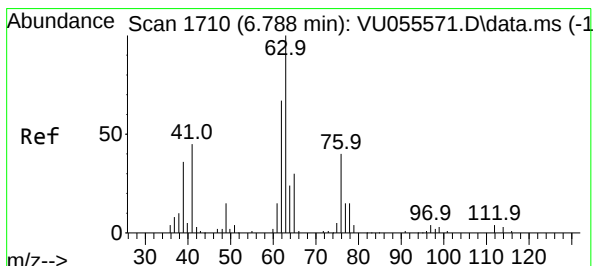
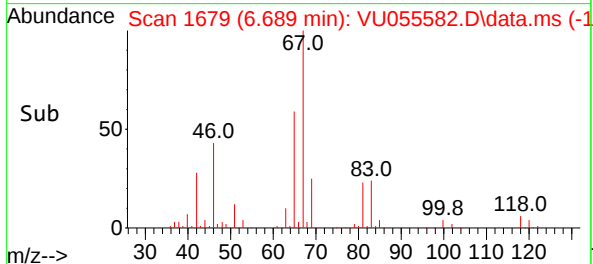
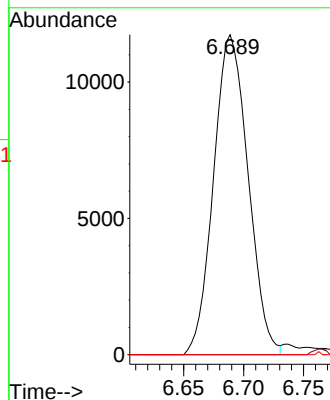
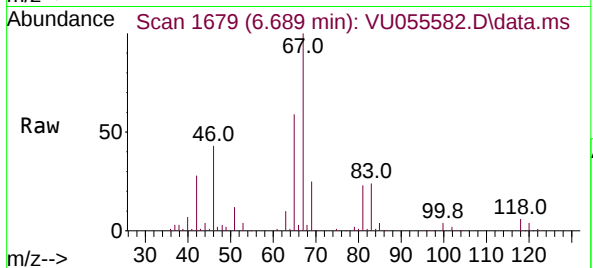
Acq: 28 Sep 2023 16:48

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 23535
Ion Ratio	Lower Upper
83	100
55	0.7 59.1 88.7#
98	0.1 36.3 54.5#



#37

1,2-Dichloropropane

Concen: 0.699 ug/L

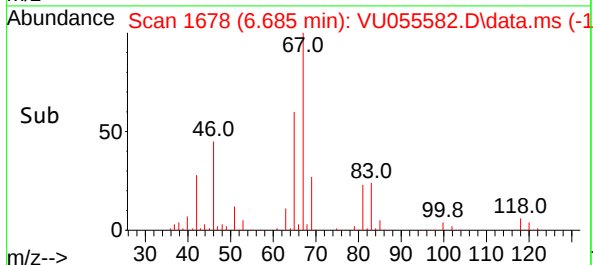
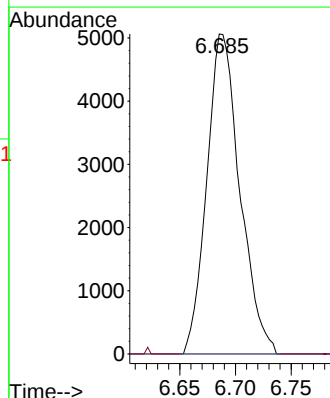
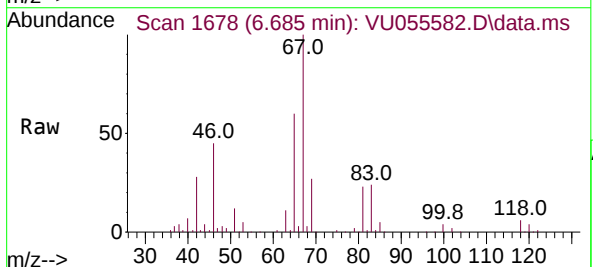
RT: 6.685 min Scan# 1678

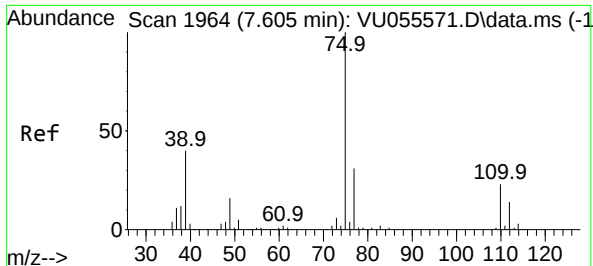
Delta R.T. -0.103 min

Lab File: VU055582.D

Acq: 28 Sep 2023 16:48

Tgt Ion: 63	Resp: 10467
Ion Ratio	Lower Upper
63	100
112	0.2 3.0 4.6#





#39

cis-1,3-Dichloropropene

Concen: 0.133 ug/L

RT: 7.566 min Scan# 1964

Delta R.T. -0.039 min

Lab File: VU055582.D

Acq: 28 Sep 2023 16:48

Instrument :

MSVOA_U

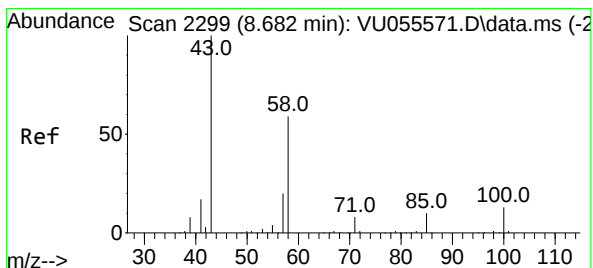
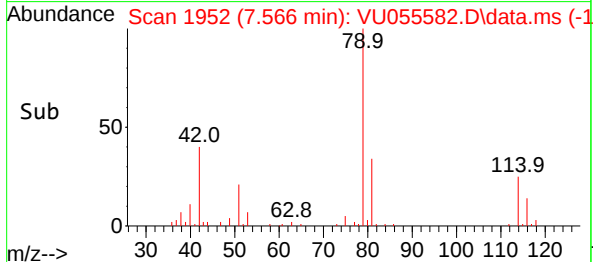
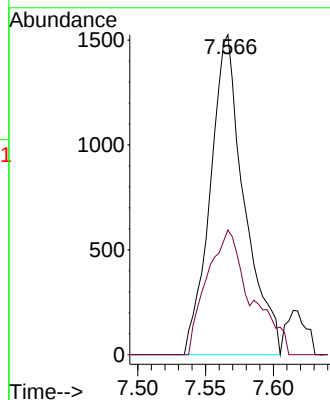
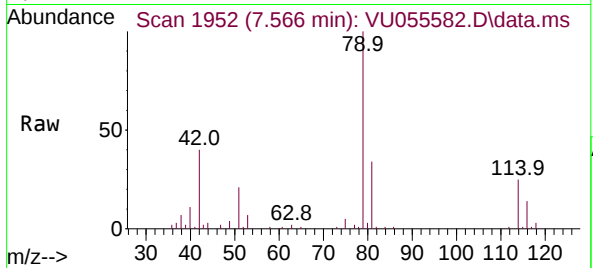
ClientSampleId :

Tgt Ion: 75 Resp: 2661

Ion Ratio Lower Upper

75 100

77 38.9 21.6 40.2



#48

2-Hexanone

Concen: 3.561 ug/L

RT: 8.685 min Scan# 2300

Delta R.T. 0.003 min

Lab File: VU055582.D

Acq: 28 Sep 2023 16:48

Tgt Ion: 43 Resp: 18738

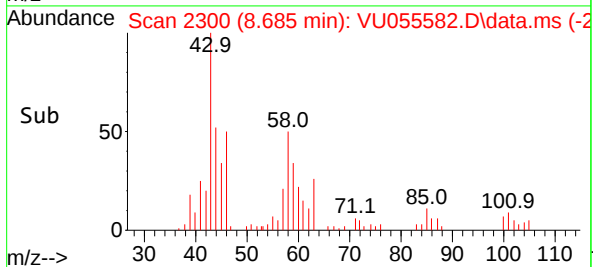
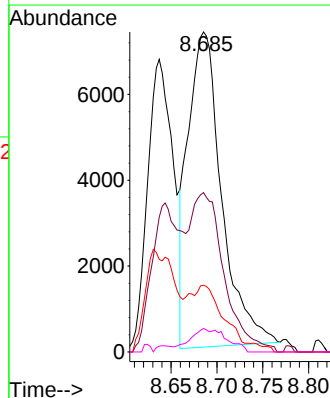
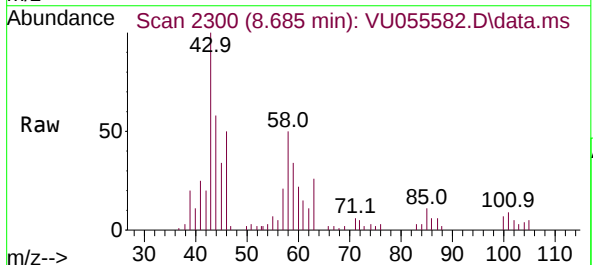
Ion Ratio Lower Upper

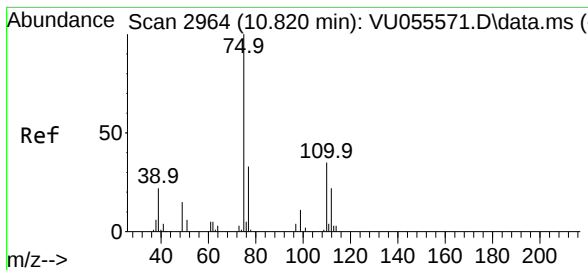
43 100

58 50.5 48.5 72.7

57 17.8 17.0 25.4

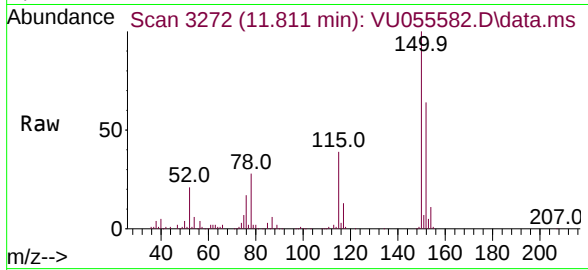
100 8.0 10.3 15.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.500 ug/L
 RT: 11.811 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU055582.D
 Acq: 28 Sep 2023 16:48

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 11533
 Ion Ratio Lower Upper
 75 100
 110 2.5 30.6 45.8#
 77 31.3 26.7 40.1

