

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092023\
 Data File : VU055425.D
 Acq On : 20 Sep 2023 15:17
 Operator : MD/SY
 Sample : 04380-21DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 21 00:29:58 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)

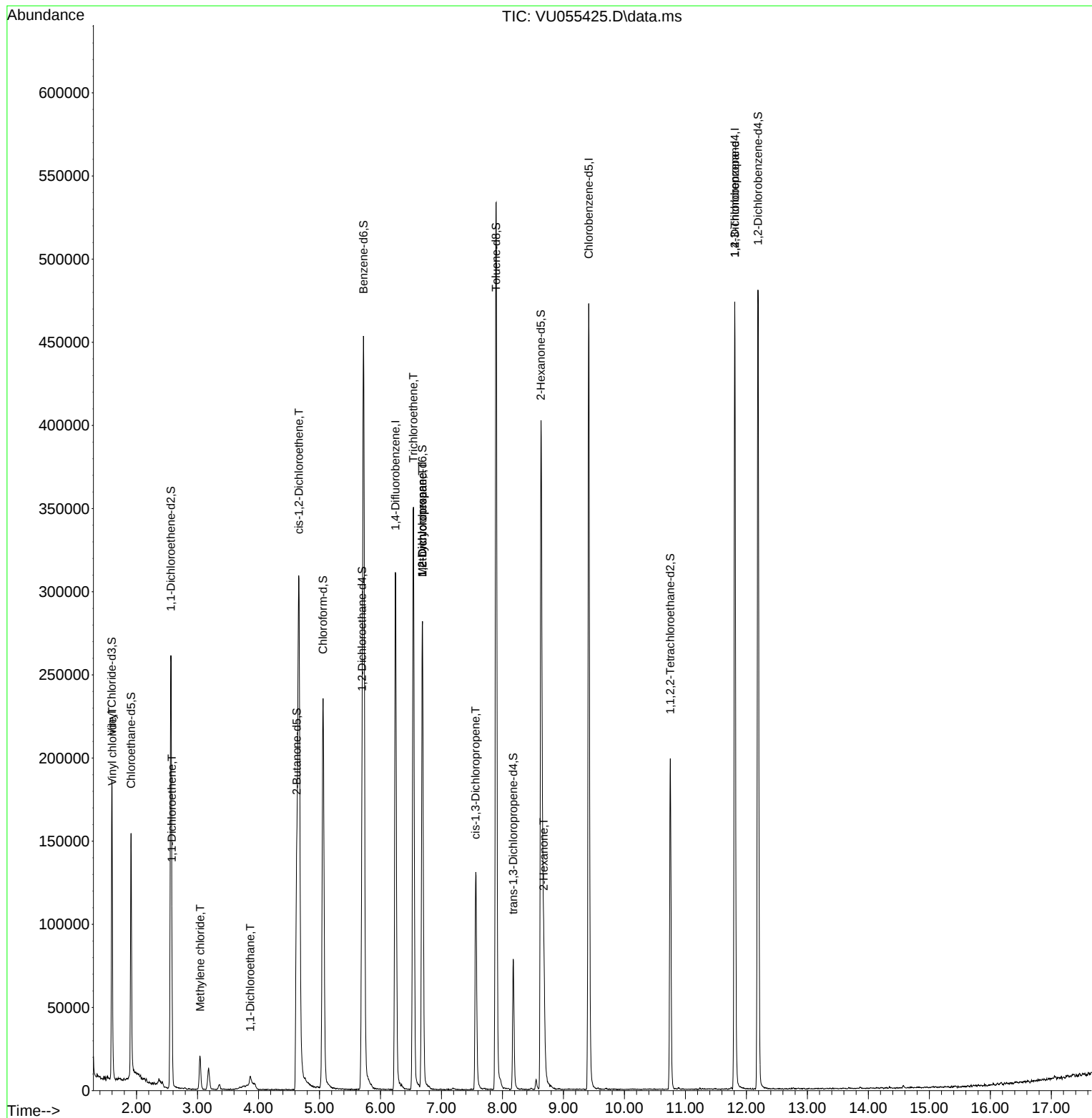
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	255975	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	262966	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	123619	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	107084	4.139	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	82.800%	
7) Chloroethane-d5	1.910	69	101630	4.458	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	89.200%	
11) 1,1-Dichloroethene-d2	2.563	65	46413	4.358	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	87.200%	
20) 2-Butanone-d5	4.627	46	235320	50.358	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	100.720%	
24) Chloroform-d	5.058	84	216952	4.636	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.800%	
26) 1,2-Dichloroethane-d4	5.698	65	112394	4.993	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.800%	
32) Benzene-d6	5.724	84	438294	4.765	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.400%	
36) 1,2-Dichloropropane-d6	6.688	67	134913	4.909	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	98.200%	
41) Toluene-d8	7.894	98	376488	4.491	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.800%	
43) trans-1,3-Dichloroprop...	8.177	79	45150	4.681	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	93.600%	
46) 2-Hexanone-d5	8.630	63	122933	41.906	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	83.820%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	96835	4.702	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	94.000%	
66) 1,2-Dichlorobenzene-d4	12.190	152	128963	5.169	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	103.400%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	25659	1.085	ug/L	93
12) 1,1-Dichloroethene	2.579	96	9634	0.538	ug/L #	1
16) Methylene chloride	3.042	84	10365	0.483	ug/L	95
19) 1,1-Dichloroethane	3.865	63	4991	0.150	ug/L	95
22) cis-1,2-Dichloroethene	4.663	96	139744	6.682	ug/L	99
34) Trichloroethene	6.541	95	121456	5.673	ug/L	98
35) Methylcyclohexane	6.688	83	32338	1.049	ug/L #	20
37) 1,2-Dichloropropane	6.688	63	14652	0.740	ug/L #	89
39) cis-1,3-Dichloropropene	7.560	75	3569	0.135	ug/L	90
48) 2-Hexanone	8.679	43	40205	5.778	ug/L #	87
61) 1,2,3-Trichloropropane	11.810	75	16193	1.678	ug/L #	69

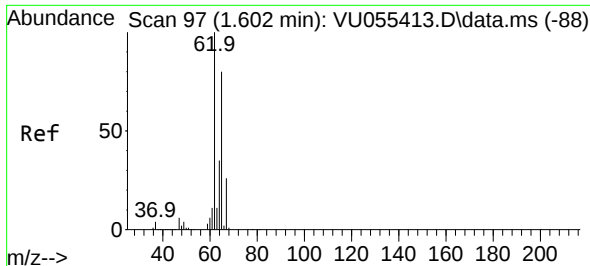
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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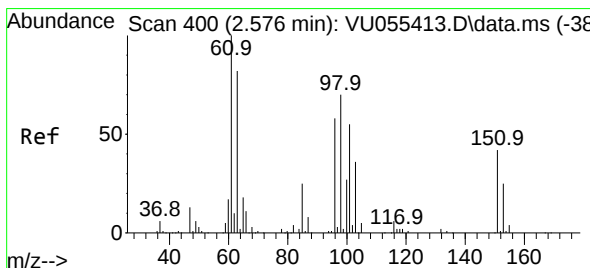
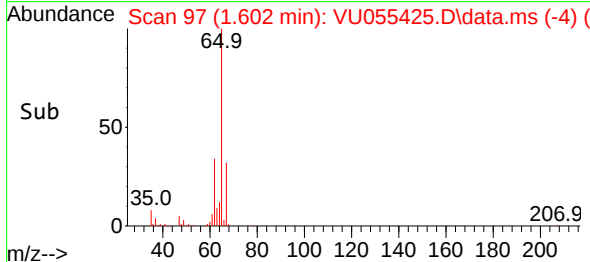
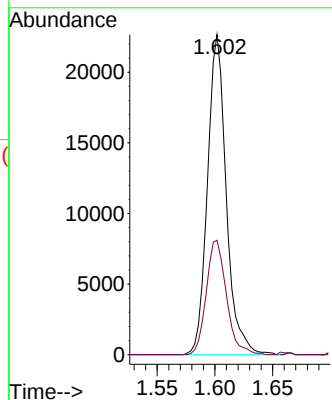
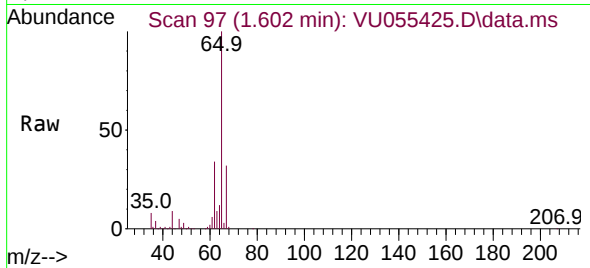




#5
 Vinyl chloride
 Concen: 1.085 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU055425.D
 Acq: 20 Sep 2023 15:17

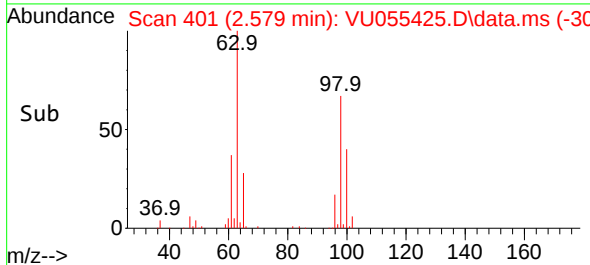
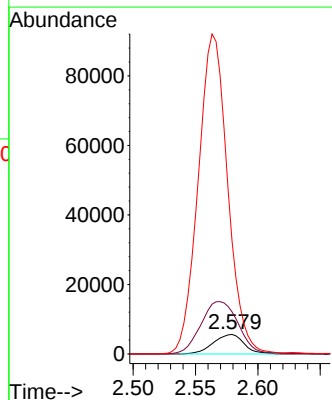
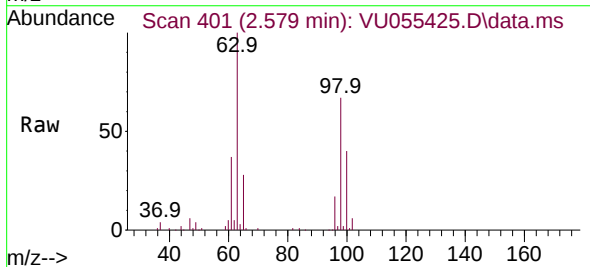
Instrument :
 MSVOA_U
 ClientSampleId :

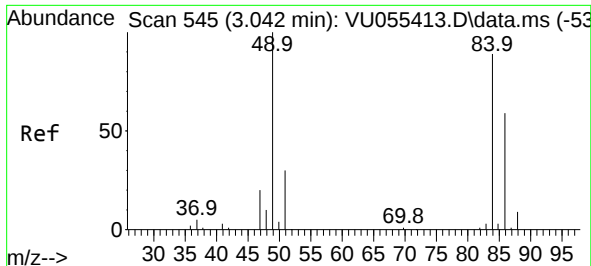
Tgt Ion: 62 Resp: 25659
 Ion Ratio Lower Upper
 62 100
 64 35.8 22.3 41.5



#12
 1,1-Dichloroethene
 Concen: 0.538 ug/L
 RT: 2.579 min Scan# 401
 Delta R.T. 0.003 min
 Lab File: VU055425.D
 Acq: 20 Sep 2023 15:17

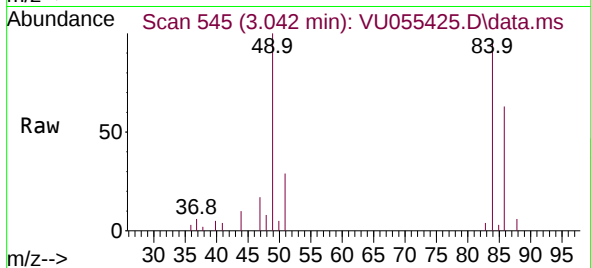
Tgt Ion: 96 Resp: 9634
 Ion Ratio Lower Upper
 96 100
 61 215.1 114.5 212.7#
 63 578.2 98.3 182.5#



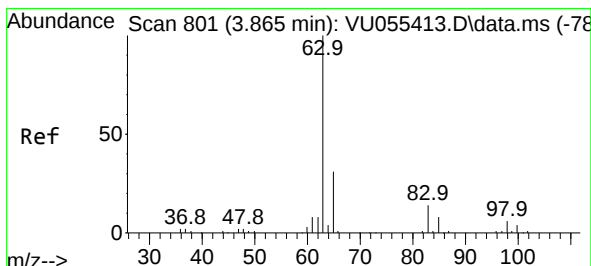
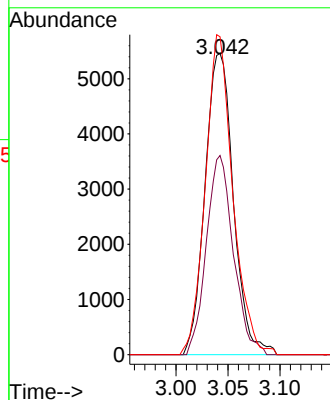
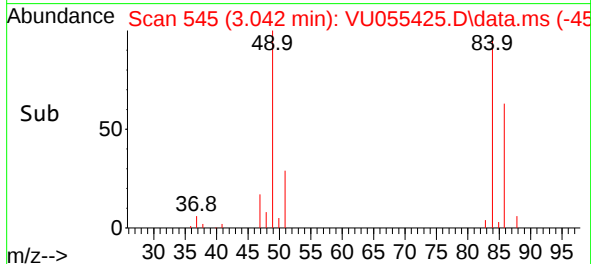


#16
Methylene chloride
Concen: 0.483 ug/L
RT: 3.042 min Scan# 54
Delta R.T. -0.000 min
Lab File: VU055425.D
Acq: 20 Sep 2023 15:17

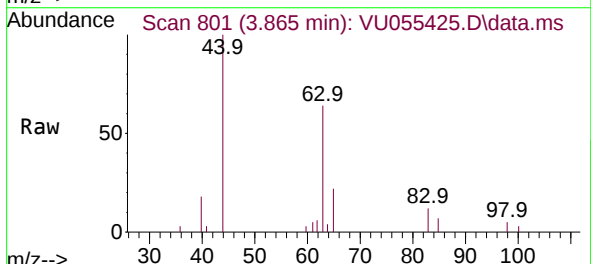
Instrument :
MSVOA_U
ClientSampleId :



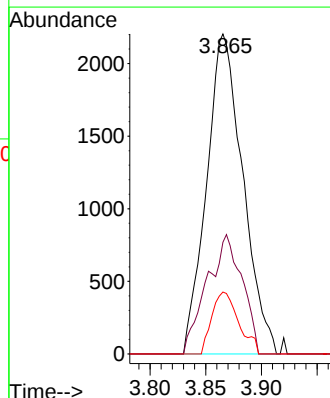
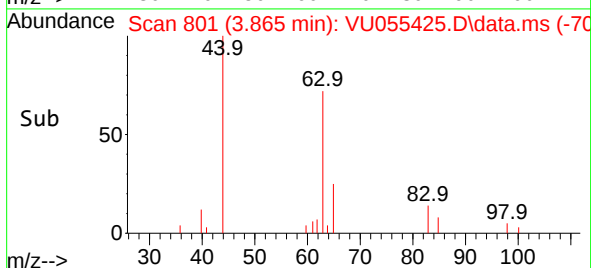
Tgt Ion: 84 Resp: 10365
Ion Ratio Lower Upper
84 100
86 66.1 44.9 83.3
49 105.5 78.8 146.3

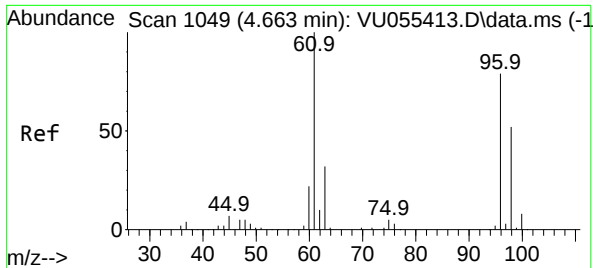


#19
1,1-Dichloroethane
Concen: 0.150 ug/L
RT: 3.865 min Scan# 801
Delta R.T. -0.000 min
Lab File: VU055425.D
Acq: 20 Sep 2023 15:17



Tgt Ion: 63 Resp: 4991
Ion Ratio Lower Upper
63 100
65 33.0 22.0 41.0
83 18.3 10.1 18.9

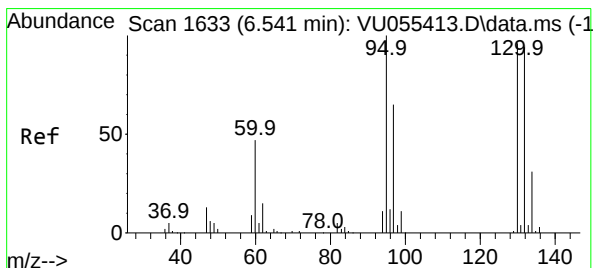
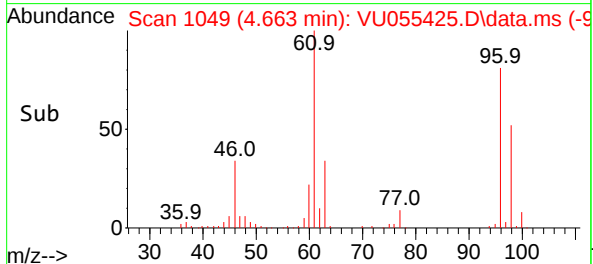
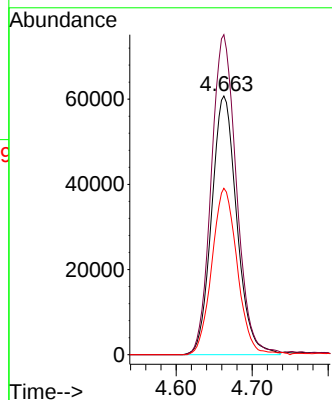
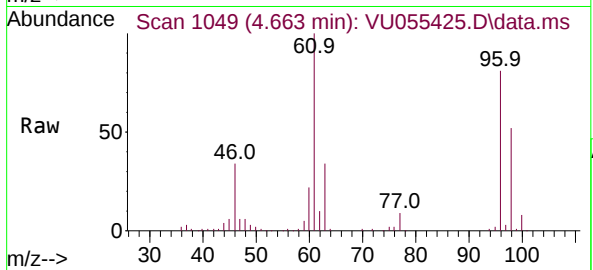




#22
cis-1,2-Dichloroethene
Concen: 6.682 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VU055425.D
Acq: 20 Sep 2023 15:17

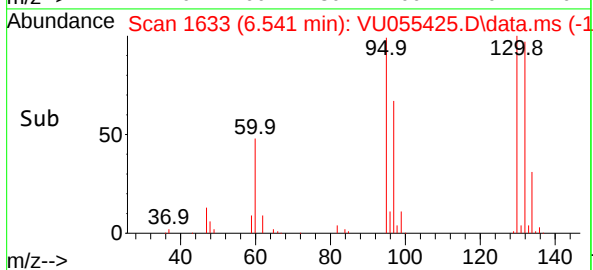
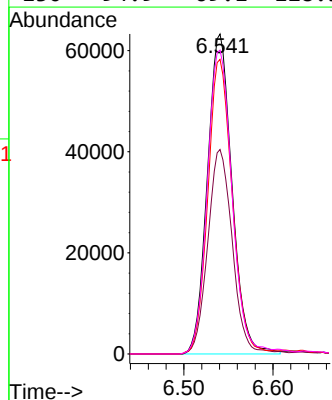
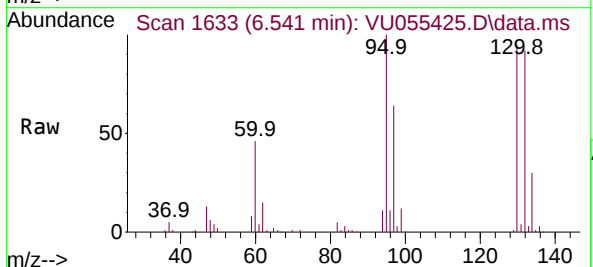
Instrument :
MSVOA_U
ClientSampleId :

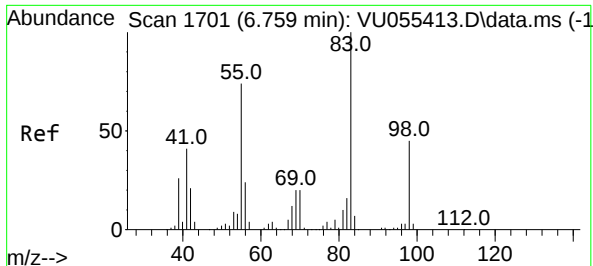
Tgt Ion: 96 Resp: 139744
Ion Ratio Lower Upper
96 100
61 123.7 87.8 163.2
98 64.3 44.4 82.4



#34
Trichloroethene
Concen: 5.673 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. -0.000 min
Lab File: VU055425.D
Acq: 20 Sep 2023 15:17

Tgt Ion: 95 Resp: 121456
Ion Ratio Lower Upper
95 100
97 63.9 45.4 84.2
132 92.1 65.2 121.2
130 94.9 69.1 128.3





#35

Methylcyclohexane

Concen: 1.049 ug/L

RT: 6.688 min Scan# 1679

Delta R.T. -0.071 min

Lab File: VU055425.D

Acq: 20 Sep 2023 15:17

Instrument :

MSVOA_U

ClientSampleId :

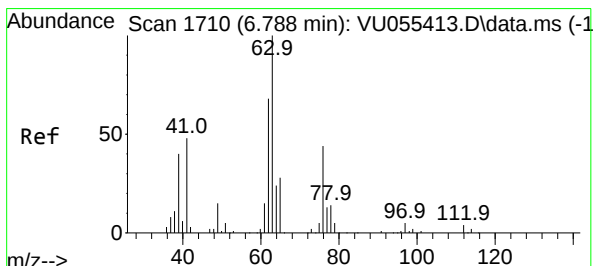
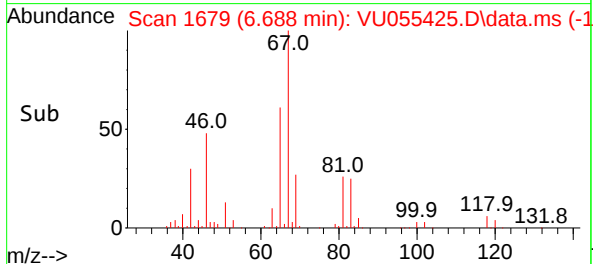
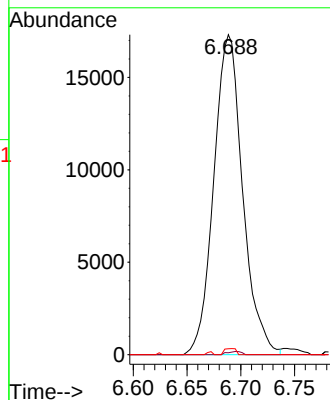
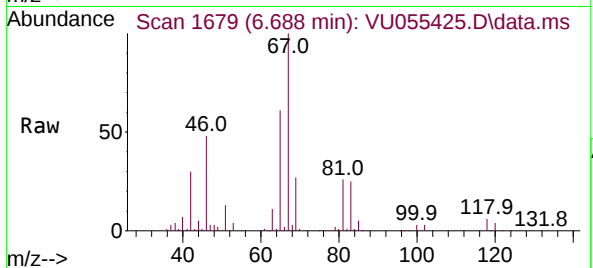
Tgt Ion: 83 Resp: 32338

Ion Ratio Lower Upper

83 100

55 0.5 59.1 88.7#

98 0.8 36.3 54.5#



#37

1,2-Dichloropropane

Concen: 0.740 ug/L

RT: 6.688 min Scan# 1679

Delta R.T. -0.100 min

Lab File: VU055425.D

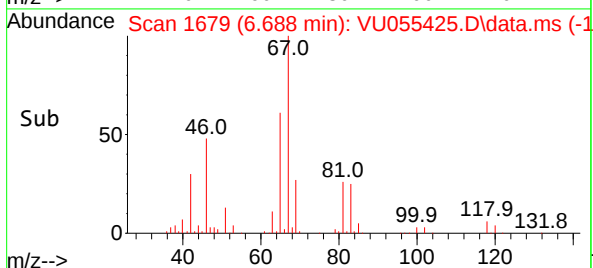
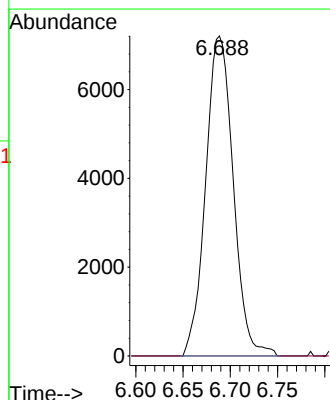
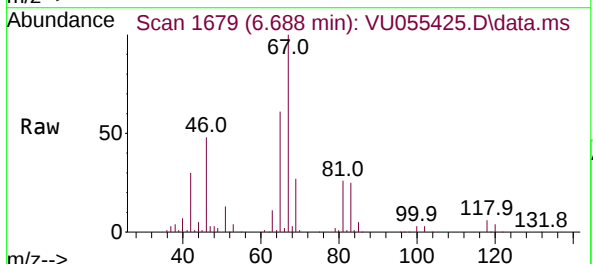
Acq: 20 Sep 2023 15:17

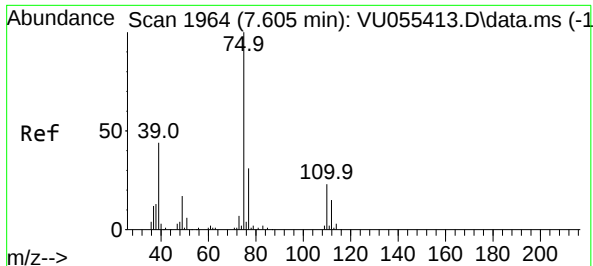
Tgt Ion: 63 Resp: 14652

Ion Ratio Lower Upper

63 100

112 0.3 3.0 4.6#





#39

cis-1,3-Dichloropropene

Concen: 0.135 ug/L

RT: 7.560 min Scan# 1964

Delta R.T. -0.045 min

Lab File: VU055425.D

Acq: 20 Sep 2023 15:17

Instrument :

MSVOA_U

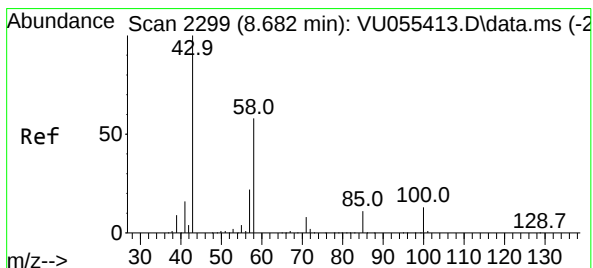
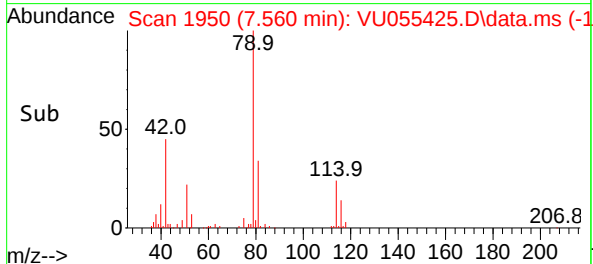
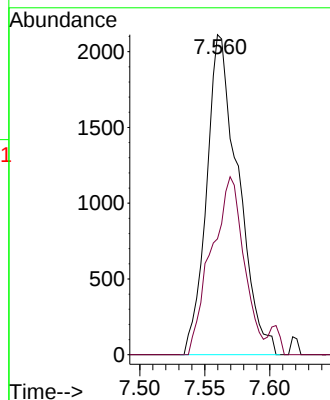
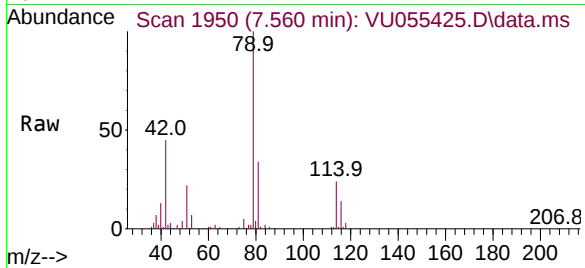
ClientSampleId :

Tgt Ion: 75 Resp: 3569

Ion Ratio Lower Upper

75 100

77 36.2 21.6 40.2



#48

2-Hexanone

Concen: 5.778 ug/L

RT: 8.679 min Scan# 2298

Delta R.T. -0.003 min

Lab File: VU055425.D

Acq: 20 Sep 2023 15:17

Tgt Ion: 43 Resp: 40205

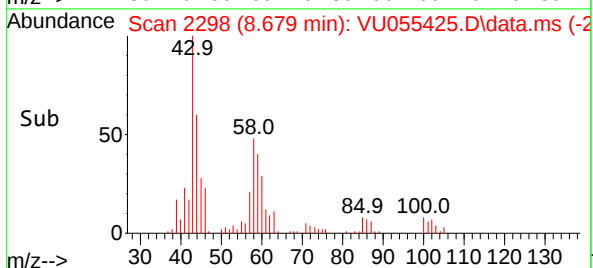
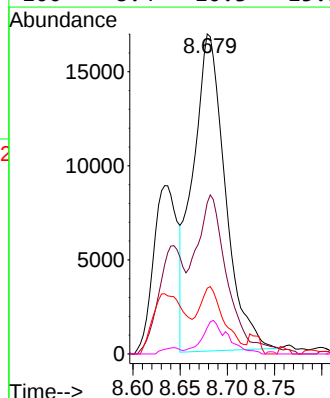
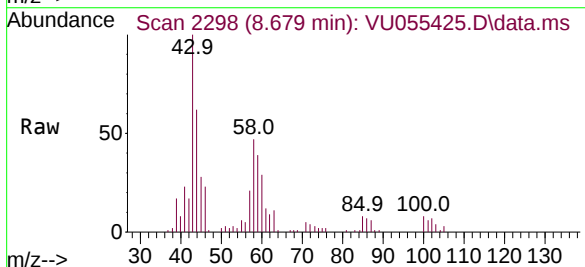
Ion Ratio Lower Upper

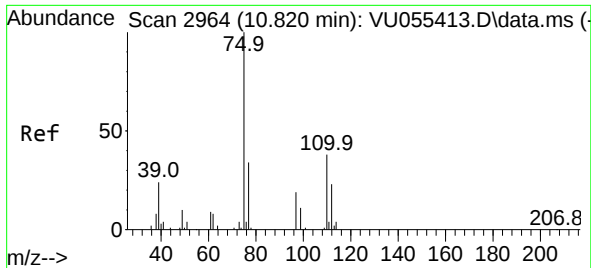
43 100

58 49.8 48.5 72.7

57 16.9 17.0 25.4#

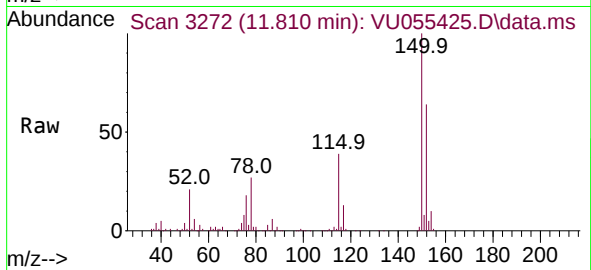
100 8.4 10.3 15.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.678 ug/L
 RT: 11.810 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU055425.D
 Acq: 20 Sep 2023 15:17

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion:	75	Resp:	16193
Ion	Ratio	Lower	Upper
75	100		
110	3.2	30.6	45.8#
77	33.2	26.7	40.1

