

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092023\
 Data File : VU055428.D
 Acq On : 20 Sep 2023 16:30
 Operator : MD/SY
 Sample : 04398-06DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 21 00:30:43 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)

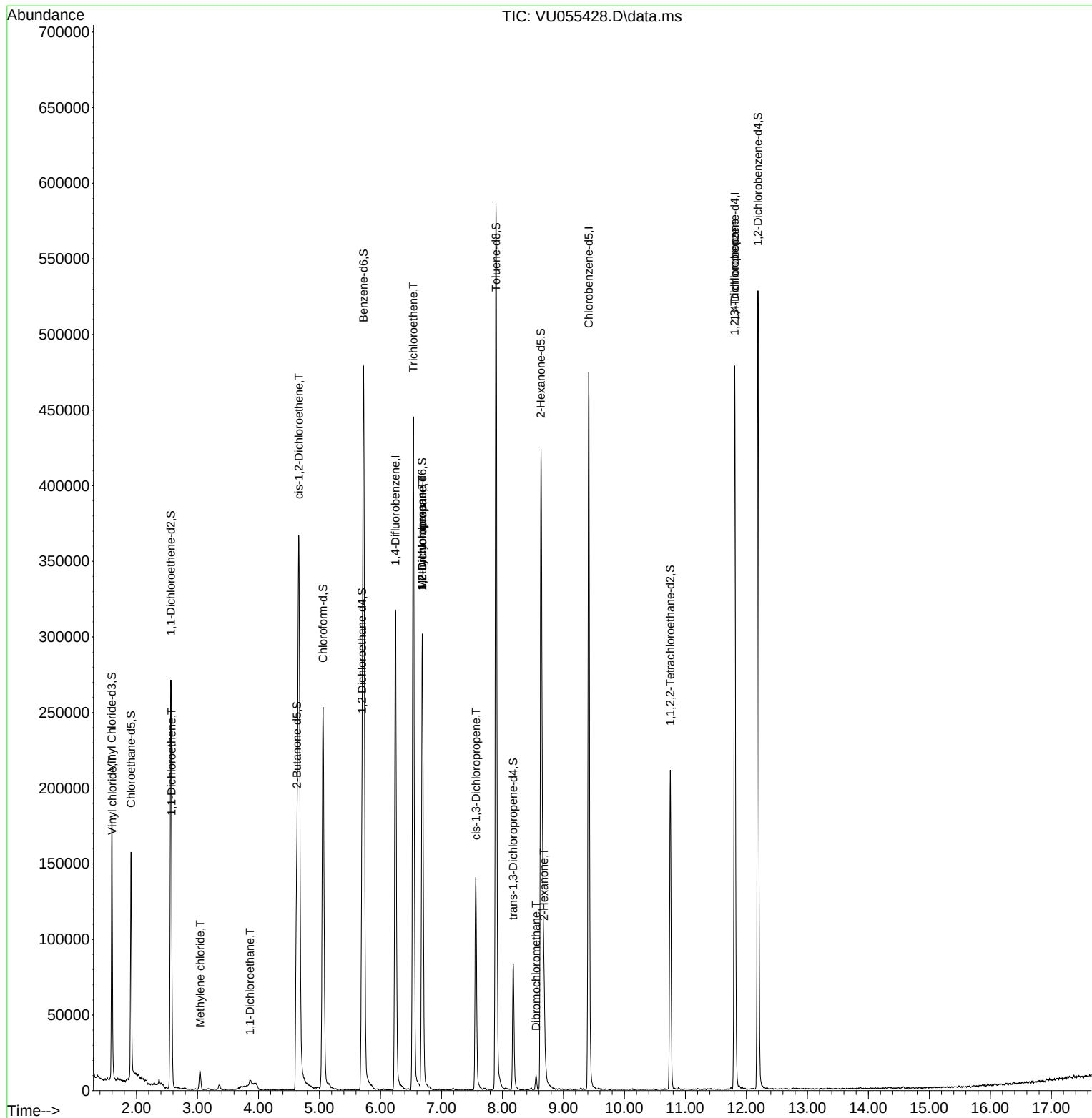
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	262051	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	267554	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	126795	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	112327	4.241	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.800%
7) Chloroethane-d5	1.911	69	104376	4.472	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.400%
11) 1,1-Dichloroethene-d2	2.563	65	48829	4.479	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.600%
20) 2-Butanone-d5	4.631	46	246342	51.494	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.980%
24) Chloroform-d	5.058	84	234584	4.897	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
26) 1,2-Dichloroethane-d4	5.698	65	119671	5.193	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.800%
32) Benzene-d6	5.724	84	461932	4.936	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
36) 1,2-Dichloropropane-d6	6.685	67	145076	5.188	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.800%
41) Toluene-d8	7.894	98	403563	4.731	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
43) trans-1,3-Dichloroprop...	8.177	79	48994	4.993	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.800%
46) 2-Hexanone-d5	8.631	63	132593	44.424	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.840%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	103585	4.943	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	139001	5.432	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.600%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	16511	0.682	ug/L	94
12) 1,1-Dichloroethene	2.576	96	9431	0.515	ug/L #	1
16) Methylene chloride	3.046	84	6467	0.295	ug/L	93
19) 1,1-Dichloroethane	3.862	63	4267	0.125	ug/L	90
22) cis-1,2-Dichloroethene	4.663	96	170796	7.977	ug/L	96
34) Trichloroethene	6.541	95	155054	7.118	ug/L	98
35) Methylcyclohexane	6.685	83	34026	1.084	ug/L #	20
37) 1,2-Dichloropropane	6.689	63	15823	0.786	ug/L #	89
39) cis-1,3-Dichloropropene	7.566	75	4217	0.157	ug/L #	63
48) 2-Hexanone	8.682	43	42336	5.979	ug/L #	72
49) Dibromochloromethane	8.553	129	1979	0.134	ug/L #	9
61) 1,2,3-Trichloropropane	11.807	75	17118	1.729	ug/L #	66

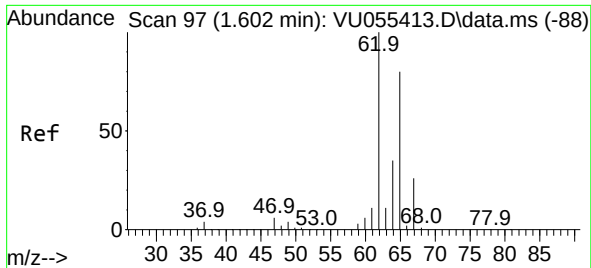
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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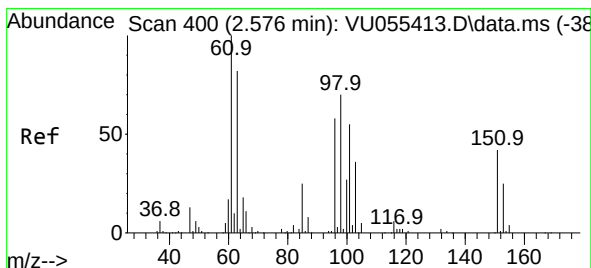
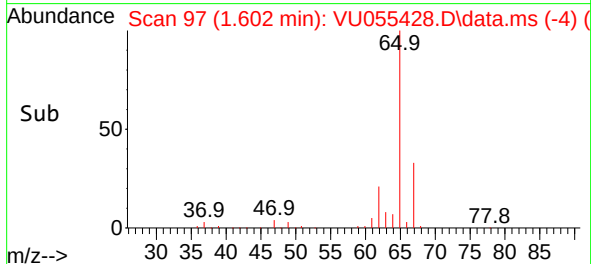
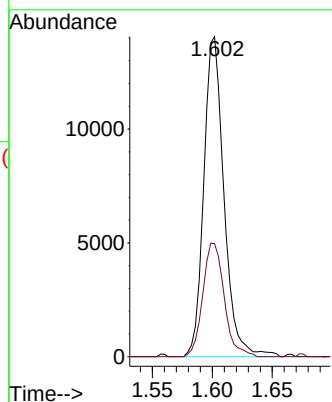
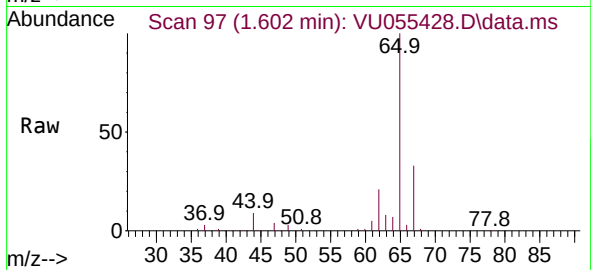




#5
 Vinyl chloride
 Concen: 0.682 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VU055428.D
 Acq: 20 Sep 2023 16:30

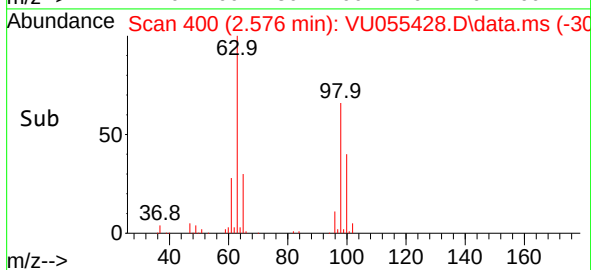
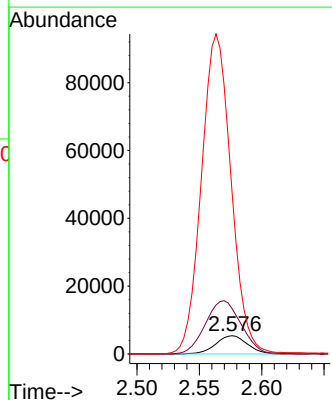
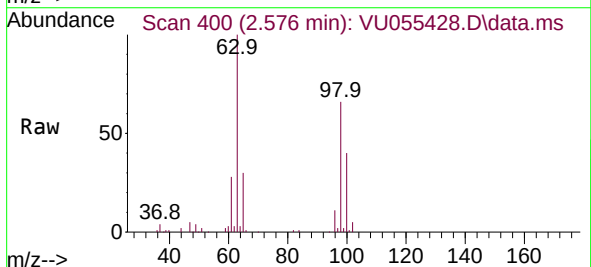
Instrument :
 MSVOA_U
 ClientSampleId :

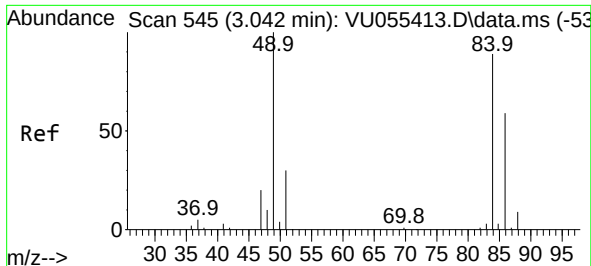
Tgt Ion: 62 Resp: 16511
 Ion Ratio Lower Upper
 62 100
 64 35.4 22.3 41.5



#12
 1,1-Dichloroethene
 Concen: 0.515 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU055428.D
 Acq: 20 Sep 2023 16:30

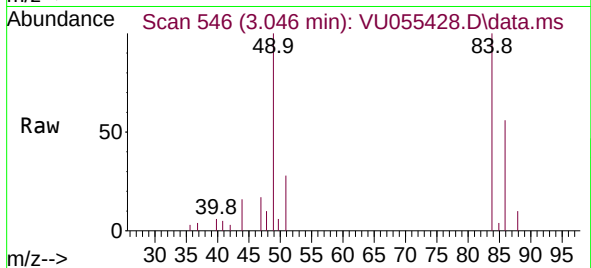
Tgt Ion: 96 Resp: 9431
 Ion Ratio Lower Upper
 96 100
 61 249.2 114.5 212.7#
 63 889.0 98.3 182.5#



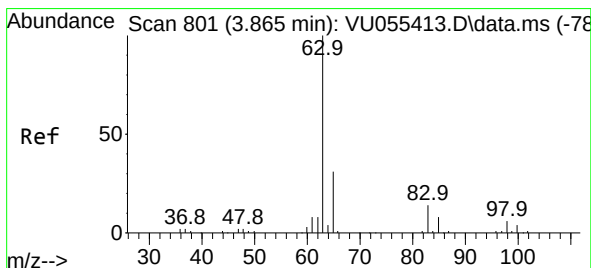
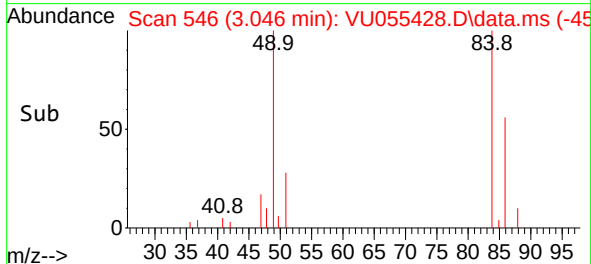
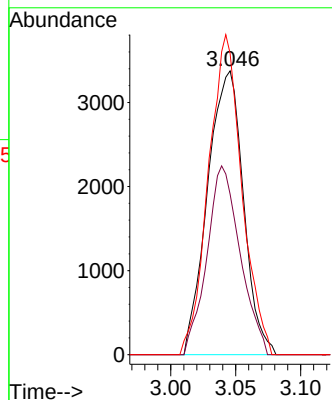


#16
Methylene chloride
Concen: 0.295 ug/L
RT: 3.046 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU055428.D
Acq: 20 Sep 2023 16:30

Instrument :
MSVOA_U
ClientSampleId :

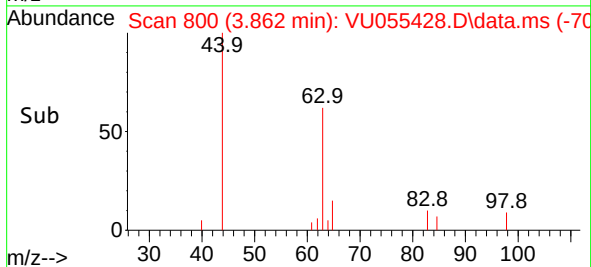
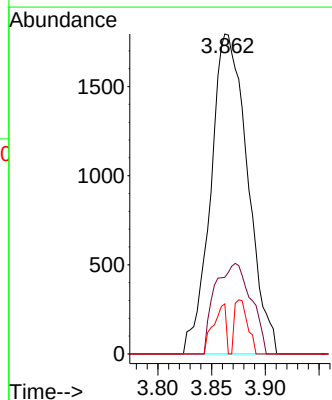
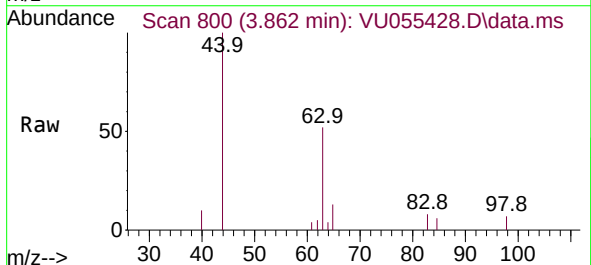


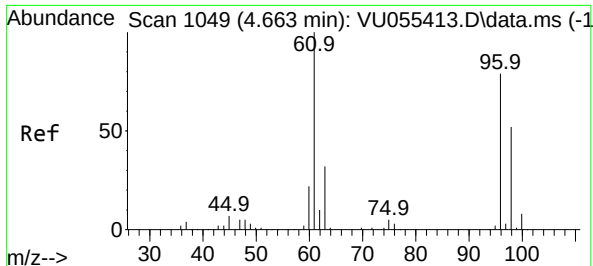
Tgt Ion: 84 Resp: 6467
Ion Ratio Lower Upper
84 100
86 56.5 44.9 83.3
49 106.1 78.8 146.3



#19
1,1-Dichloroethane
Concen: 0.125 ug/L
RT: 3.862 min Scan# 800
Delta R.T. -0.003 min
Lab File: VU055428.D
Acq: 20 Sep 2023 16:30

Tgt Ion: 63 Resp: 4267
Ion Ratio Lower Upper
63 100
65 24.0 22.0 41.0
83 15.7 10.1 18.9

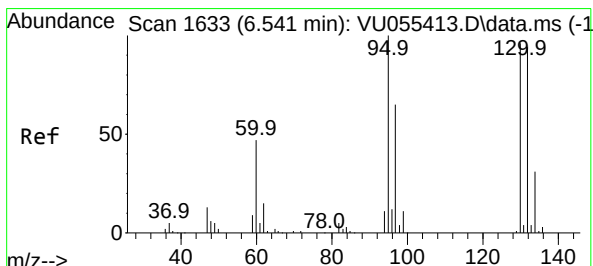
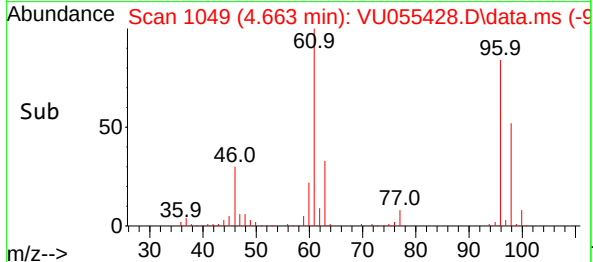
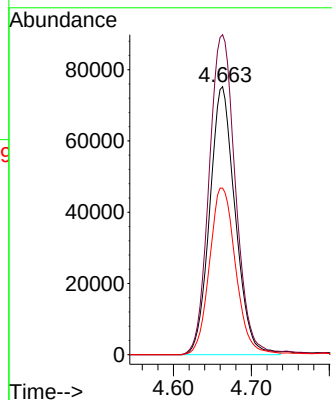
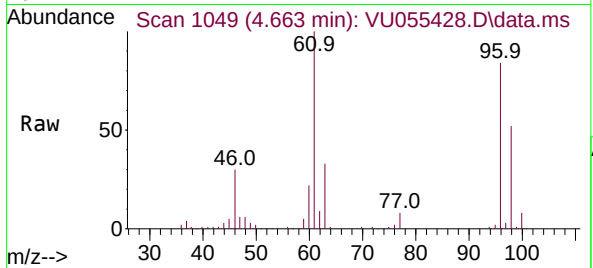




#22
 cis-1,2-Dichloroethene
 Concen: 7.977 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. 0.000 min
 Lab File: VU055428.D
 Acq: 20 Sep 2023 16:30

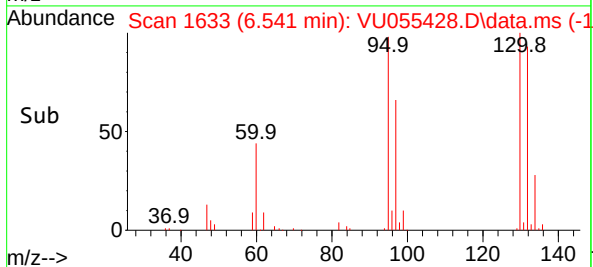
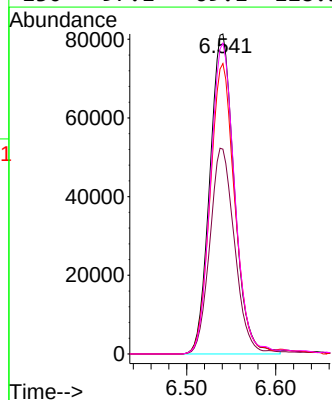
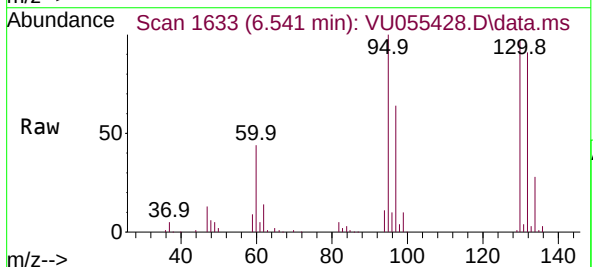
Instrument :
 MSVOA_U
 ClientSampleId :

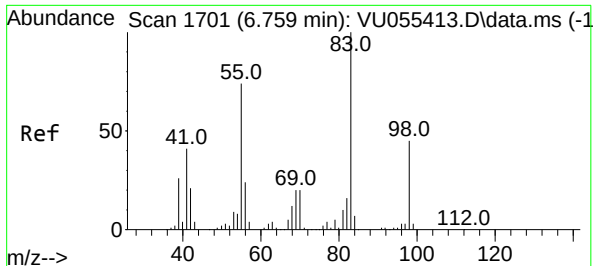
Tgt Ion: 96 Resp: 170796
 Ion Ratio Lower Upper
 96 100
 61 119.4 87.8 163.2
 98 62.1 44.4 82.4



#34
 Trichloroethene
 Concen: 7.118 ug/L
 RT: 6.541 min Scan# 1633
 Delta R.T. 0.000 min
 Lab File: VU055428.D
 Acq: 20 Sep 2023 16:30

Tgt Ion: 95 Resp: 155054
 Ion Ratio Lower Upper
 95 100
 97 64.0 45.4 84.2
 132 90.8 65.2 121.2
 130 97.1 69.1 128.3





#35

Methylcyclohexane

Concen: 1.084 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU055428.D

Acq: 20 Sep 2023 16:30

Instrument :

MSVOA_U

ClientSampleId :

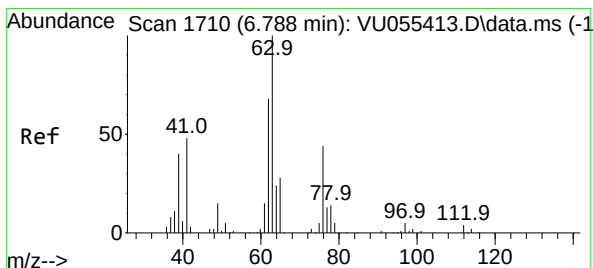
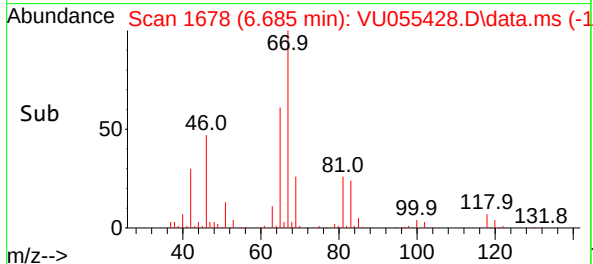
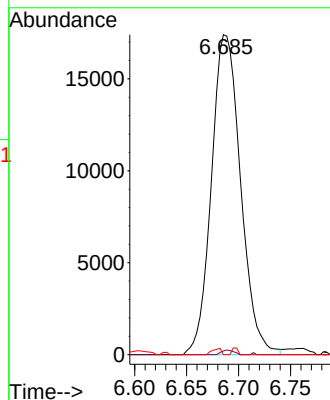
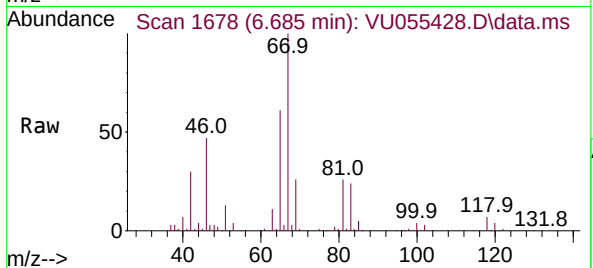
Tgt Ion: 83 Resp: 34026

Ion Ratio Lower Upper

83 100

55 0.6 59.1 88.7#

98 0.7 36.3 54.5#



#37

1,2-Dichloropropane

Concen: 0.786 ug/L

RT: 6.689 min Scan# 1679

Delta R.T. -0.100 min

Lab File: VU055428.D

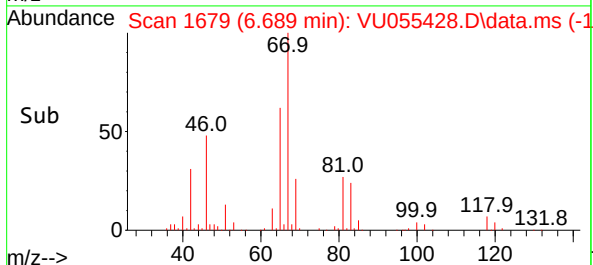
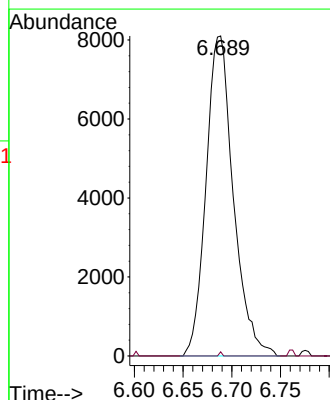
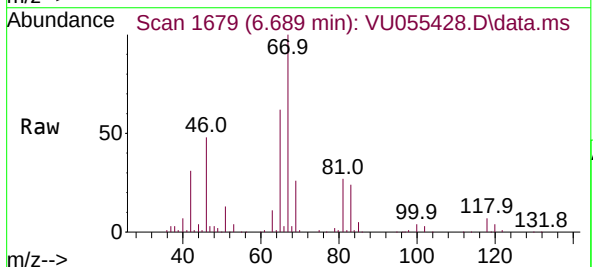
Acq: 20 Sep 2023 16:30

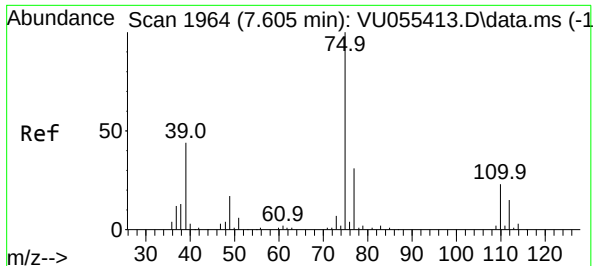
Tgt Ion: 63 Resp: 15823

Ion Ratio Lower Upper

63 100

112 0.1 3.0 4.6#





#39

cis-1,3-Dichloropropene

Concen: 0.157 ug/L

RT: 7.566 min Scan# 1964

Delta R.T. -0.039 min

Lab File: VU055428.D

Acq: 20 Sep 2023 16:30

Instrument :

MSVOA_U

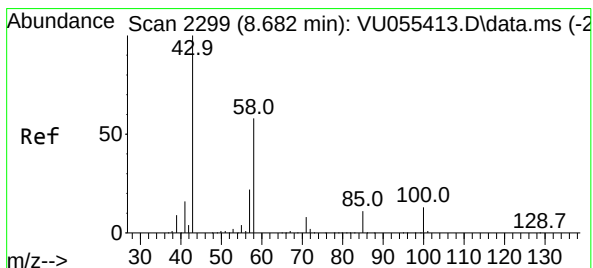
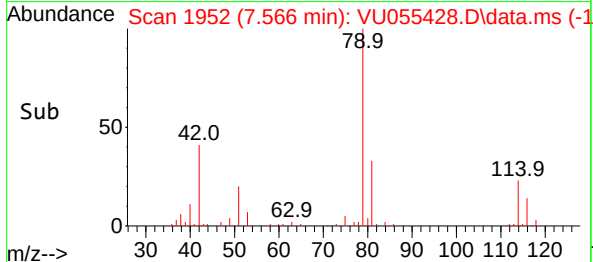
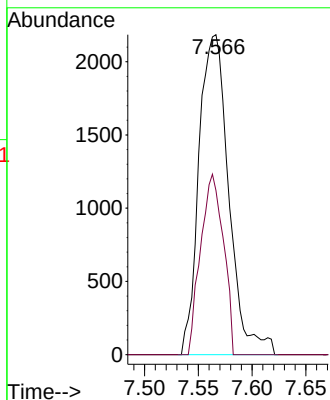
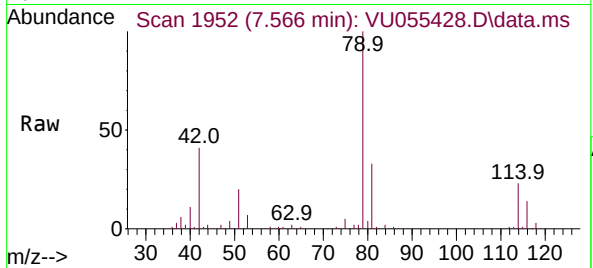
ClientSampleId :

Tgt Ion: 75 Resp: 4217

Ion Ratio Lower Upper

75 100

77 51.3 21.6 40.2#



#48

2-Hexanone

Concen: 5.979 ug/L

RT: 8.682 min Scan# 2299

Delta R.T. 0.000 min

Lab File: VU055428.D

Acq: 20 Sep 2023 16:30

Tgt Ion: 43 Resp: 42336

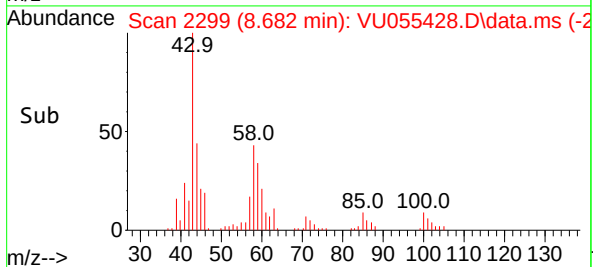
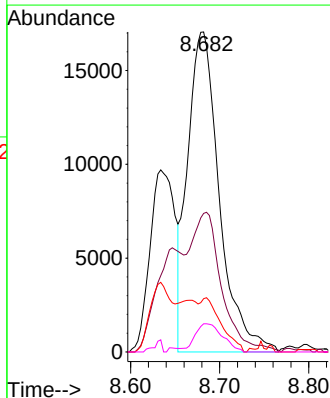
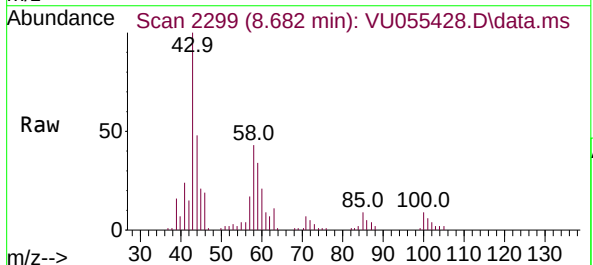
Ion Ratio Lower Upper

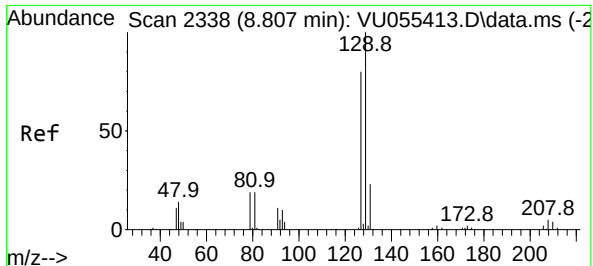
43 100

58 41.1 48.5 72.7#

57 0.7 17.0 25.4#

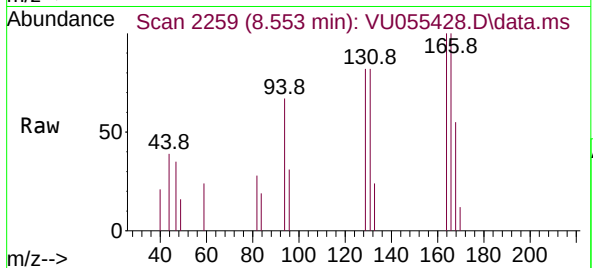
100 7.7 10.3 15.5#



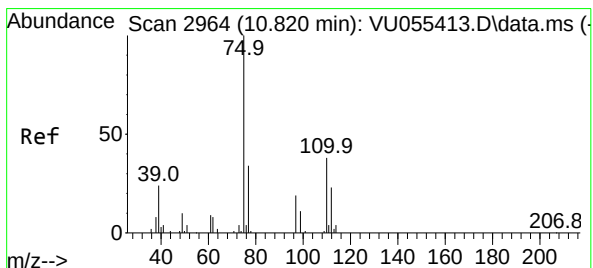
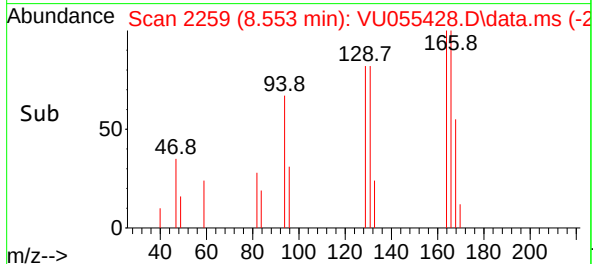
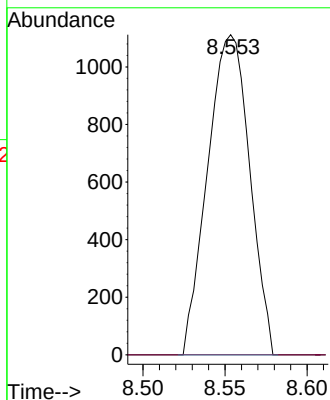


#49
Dibromochloromethane
Concen: 0.134 ug/L
RT: 8.553 min Scan# 21
Delta R.T. -0.254 min
Lab File: VU055428.D
Acq: 20 Sep 2023 16:30

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:129 Resp: 1979
Ion Ratio Lower Upper
129 100
127 0.0 56.8 105.6#



#61
1,2,3-Trichloropropane
Concen: 1.729 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.987 min
Lab File: VU055428.D
Acq: 20 Sep 2023 16:30

Tgt Ion: 75 Resp: 17118
Ion Ratio Lower Upper
75 100
110 1.3 30.6 45.8#
77 32.2 26.7 40.1

