

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102823\
 Data File : VU055979.D
 Acq On : 28 Oct 2023 17:17
 Operator : MD/SY
 Sample : 05114-19
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 30 04:55:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Oct 30 04:51:15 2023
 Response via : Initial Calibration

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

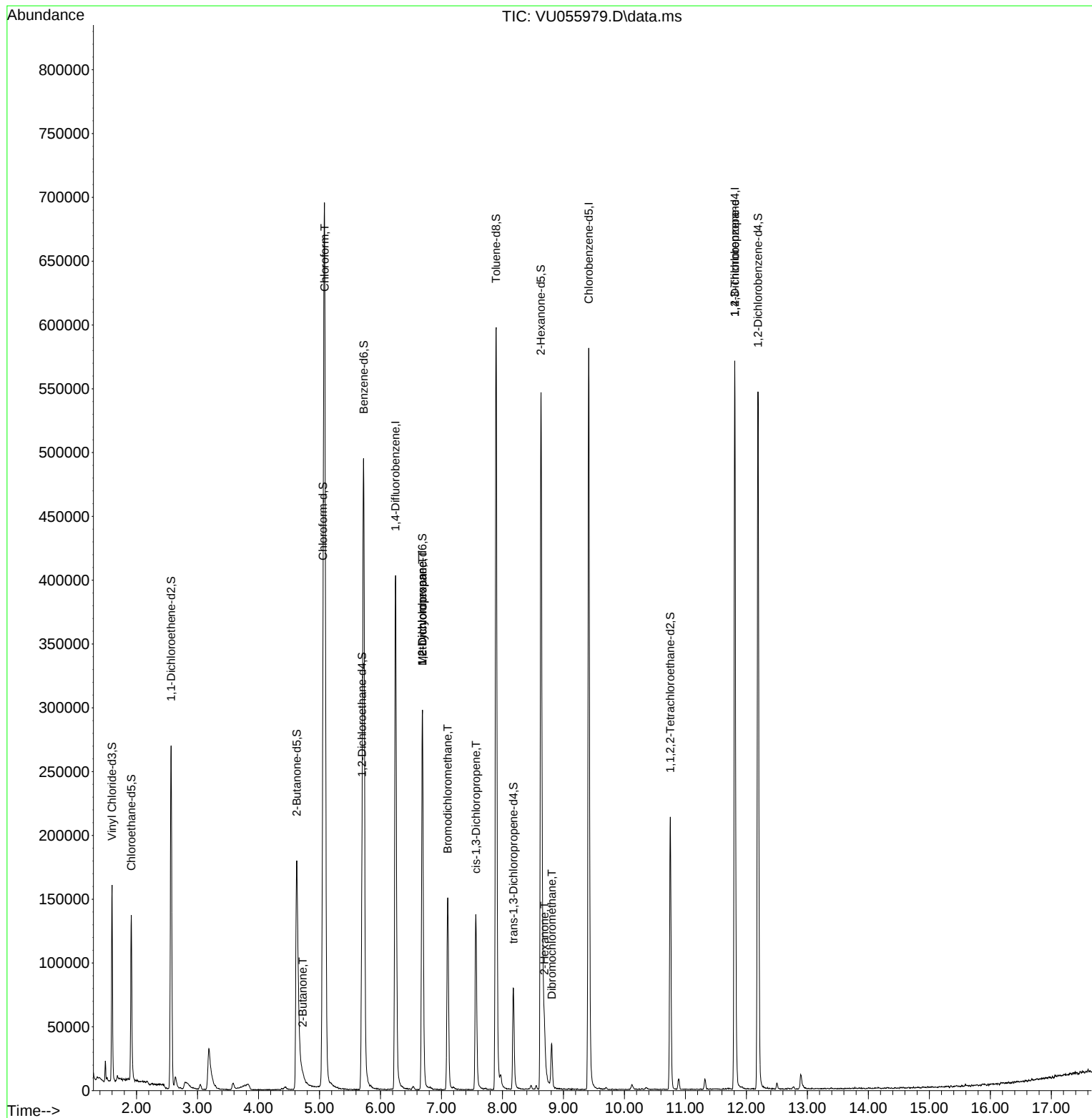
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	345407	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	345205	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	160746	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	110103	4.030	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.600%
7) Chloroethane-d5	1.914	69	100697	4.728	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.600%
11) 1,1-Dichloroethene-d2	2.566	65	50590	4.361	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.200%
20) 2-Butanone-d5	4.627	46	240662	49.372	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.740%
24) Chloroform-d	5.058	84	265548	5.245	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.800%
26) 1,2-Dichloroethane-d4	5.698	65	115006	4.662	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.200%
32) Benzene-d6	5.724	84	494521	4.809	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
36) 1,2-Dichloropropane-d6	6.688	67	152135	4.991	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.800%
41) Toluene-d8	7.897	98	429251	4.602	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
43) trans-1,3-Dichloroprop...	8.180	79	51055	4.282	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.600%
46) 2-Hexanone-d5	8.630	63	197390	65.222	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	130.440%#
56) 1,1,2,2-Tetrachloroeth...	10.753	84	110956	4.998	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	156878	5.231	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.600%
Target Compounds	Qvalue					
21) 2-Butanone	4.724	43	6632	1.624	ug/L	80
25) Chloroform	5.084	83	585161	16.193	ug/L	100
35) Methylcyclohexane	6.688	83	36665	1.275	ug/L #	18
37) 1,2-Dichloropropane	6.688	63	16005	0.791	ug/L #	89
38) Bromodichloromethane	7.103	83	106012	4.175	ug/L	100
39) cis-1,3-Dichloropropene	7.566	75	3723	0.129	ug/L #	71
48) 2-Hexanone	8.688	43	22111	2.884	ug/L #	86
49) Dibromochloromethane	8.807	129	18299	1.172	ug/L	100
61) 1,2,3-Trichloropropane	11.810	75	19001	1.722	ug/L #	68

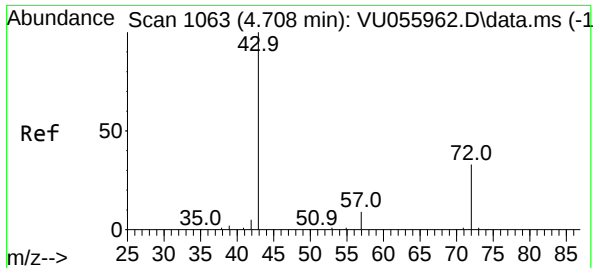
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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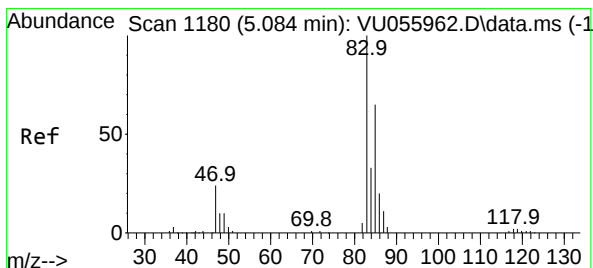
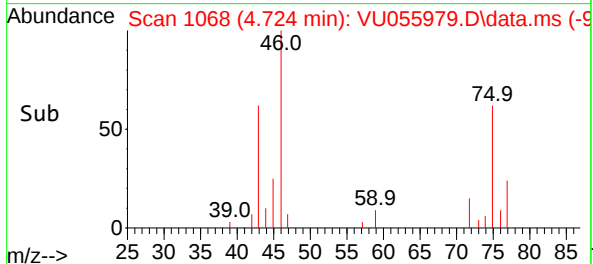
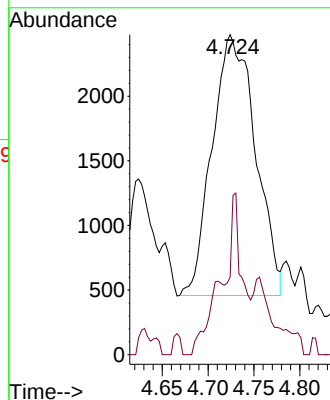
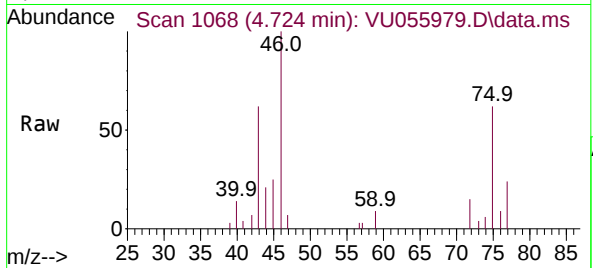




#21
2-Butanone
Concen: 1.624 ug/L
RT: 4.724 min Scan# 1068
Delta R.T. 0.016 min
Lab File: VU055979.D
Acq: 28 Oct 2023 17:17

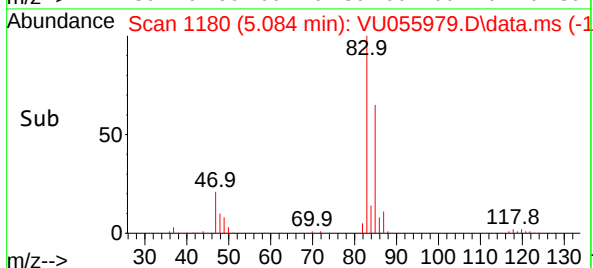
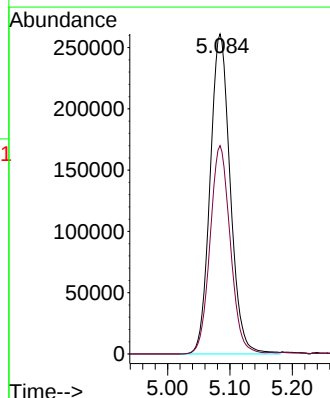
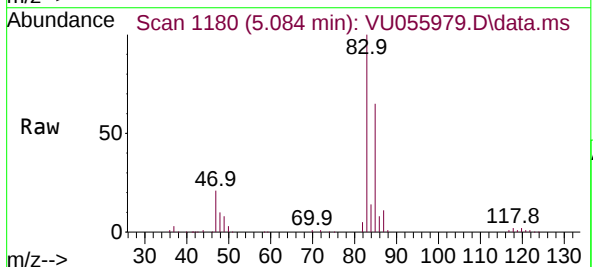
Instrument :
MSVOA_U
ClientSampleId :

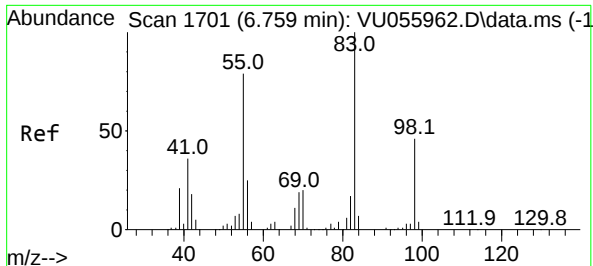
Tgt Ion: 43 Resp: 6632
Ion Ratio Lower Upper
43 100
72 18.3 14.4 43.4



#25
Chloroform
Concen: 16.193 ug/L
RT: 5.084 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VU055979.D
Acq: 28 Oct 2023 17:17

Tgt Ion: 83 Resp: 585161
Ion Ratio Lower Upper
83 100
85 65.1 45.6 84.8

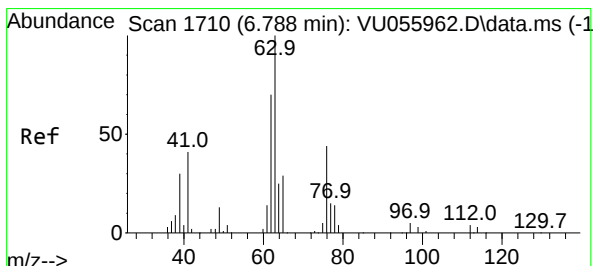
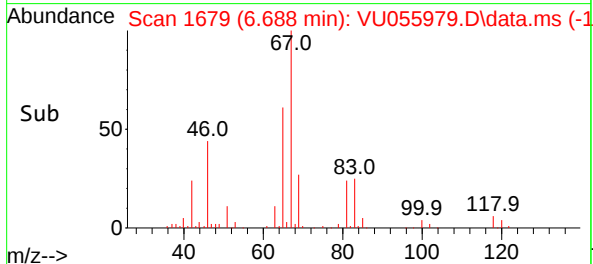
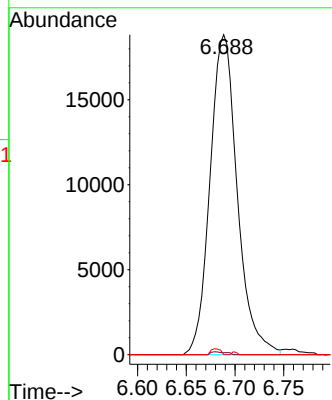
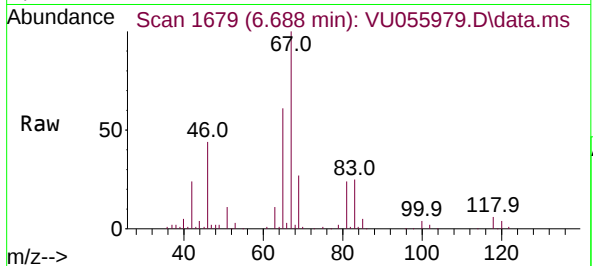




#35
Methylcyclohexane
Concen: 1.275 ug/L
RT: 6.688 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU055979.D
Acq: 28 Oct 2023 17:17

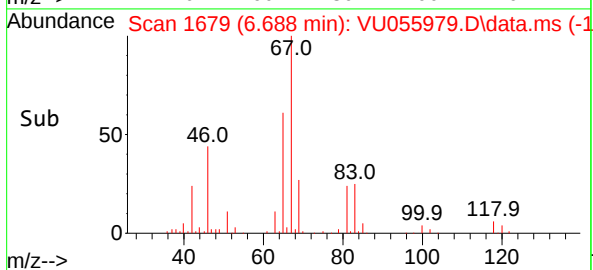
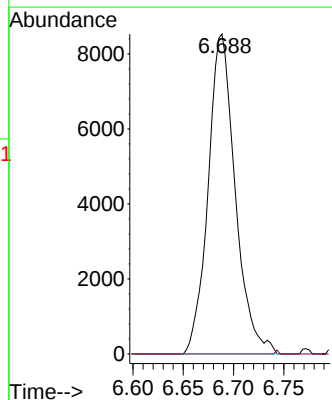
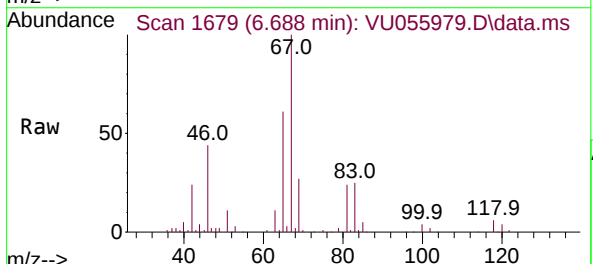
Instrument :
MSVOA_U
ClientSampleId :

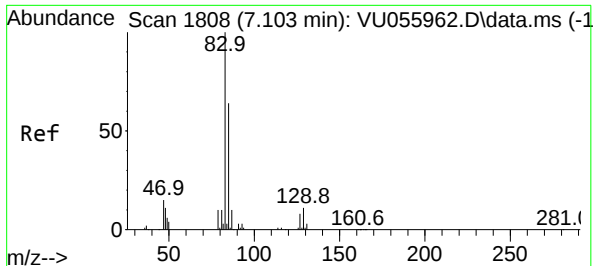
Tgt Ion: 83 Resp: 36665
Ion Ratio Lower Upper
83 100
55 0.0 62.4 93.6#
98 0.2 37.4 56.2#



#37
1,2-Dichloropropane
Concen: 0.791 ug/L
RT: 6.688 min Scan# 1679
Delta R.T. -0.100 min
Lab File: VU055979.D
Acq: 28 Oct 2023 17:17

Tgt Ion: 63 Resp: 16005
Ion Ratio Lower Upper
63 100
112 0.1 3.1 4.7#





#38

Bromodichloromethane

Concen: 4.175 ug/L

RT: 7.103 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU055979.D

Acq: 28 Oct 2023 17:17

Instrument :

MSVOA_U

ClientSampleId :

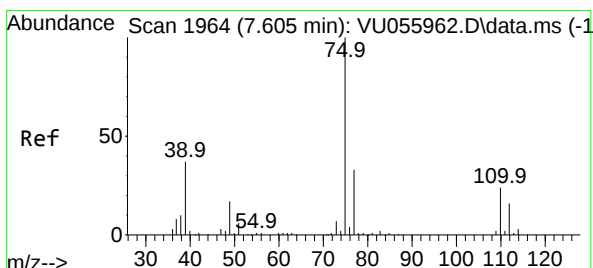
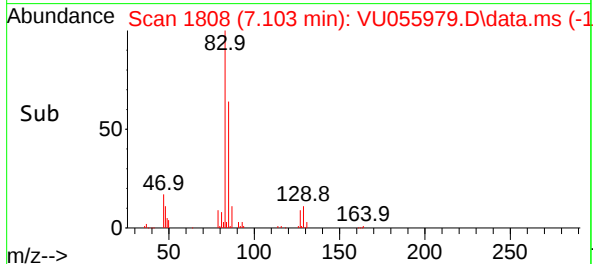
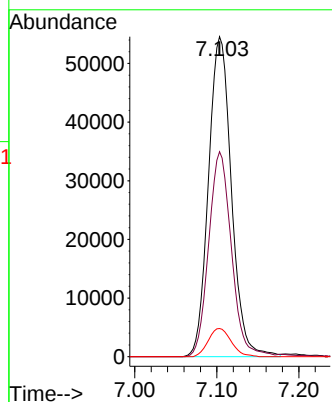
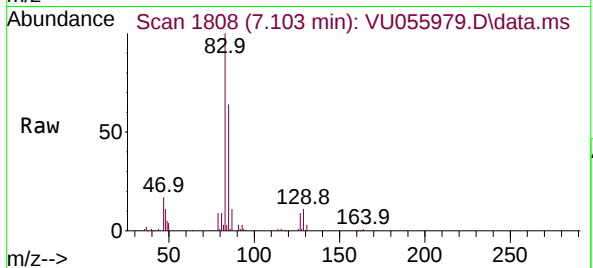
Tgt Ion: 83 Resp: 106012

Ion Ratio Lower Upper

83 100

85 64.1 44.9 83.3

127 8.8 6.6 9.8



#39

cis-1,3-Dichloropropene

Concen: 0.129 ug/L

RT: 7.566 min Scan# 1952

Delta R.T. -0.039 min

Lab File: VU055979.D

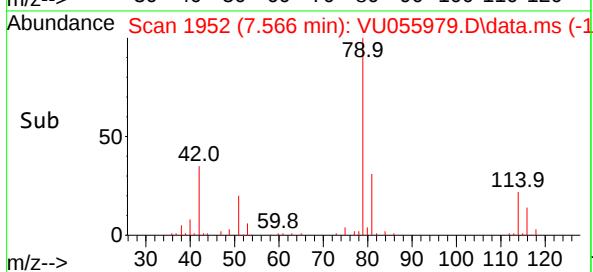
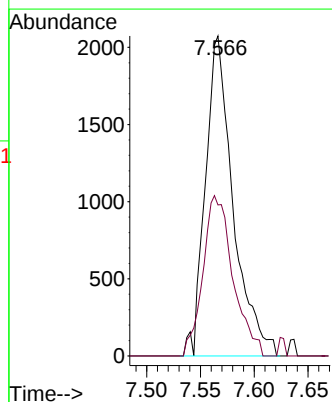
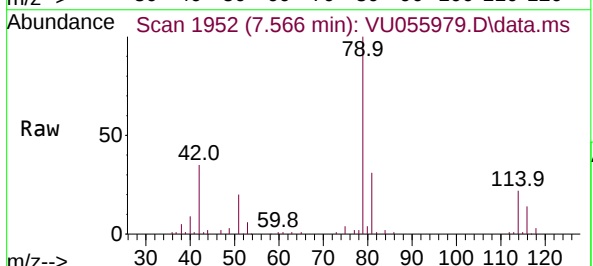
Acq: 28 Oct 2023 17:17

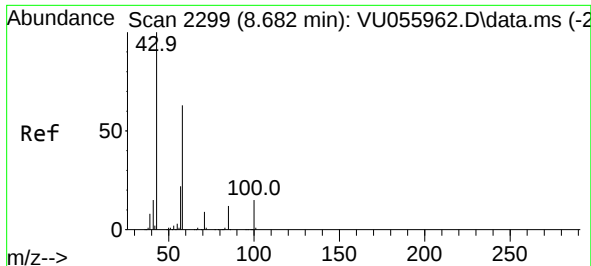
Tgt Ion: 75 Resp: 3723

Ion Ratio Lower Upper

75 100

77 47.2 21.7 40.3#

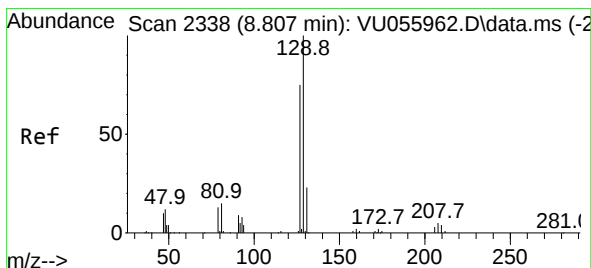
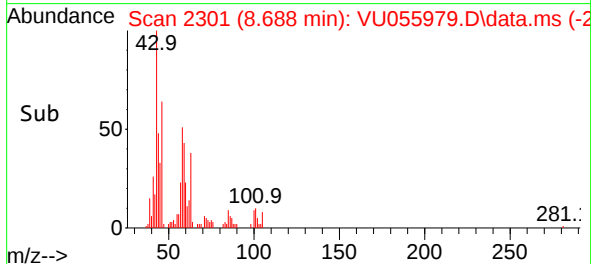
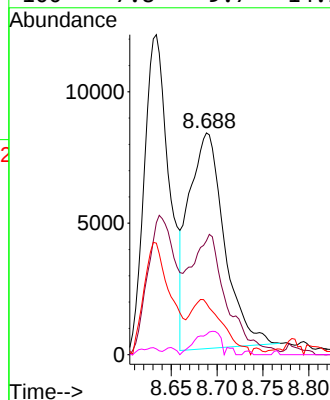
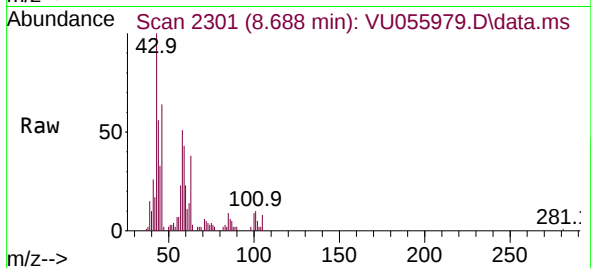




#48
2-Hexanone
Concen: 2.884 ug/L
RT: 8.688 min Scan# 2111
Delta R.T. 0.006 min
Lab File: VU055979.D
Acq: 28 Oct 2023 17:17

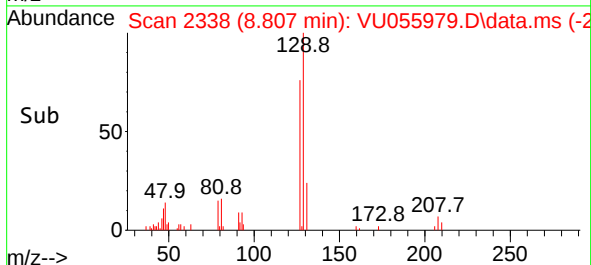
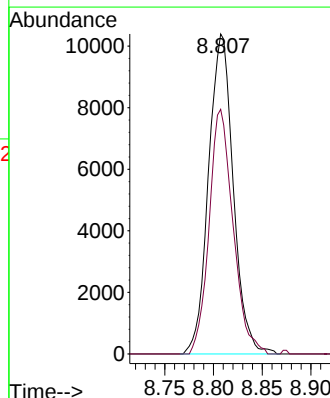
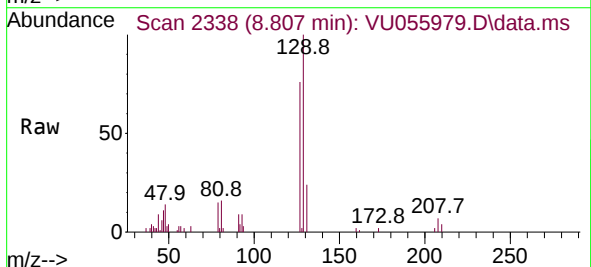
Instrument :
MSVOA_U
ClientSampleId :

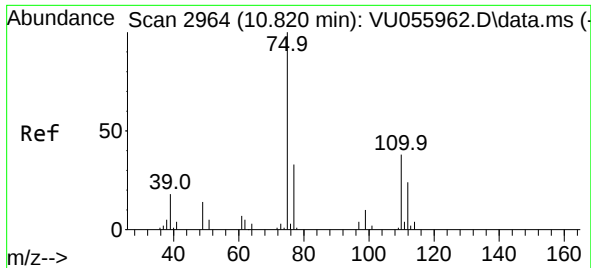
Tgt Ion:	43	Resp:	22111
Ion	Ratio	Lower	Upper
43	100		
58	47.7	49.5	74.3#
57	22.6	16.9	25.3
100	7.8	9.7	14.5#



#49
Dibromochloromethane
Concen: 1.172 ug/L
RT: 8.807 min Scan# 2338
Delta R.T. -0.000 min
Lab File: VU055979.D
Acq: 28 Oct 2023 17:17

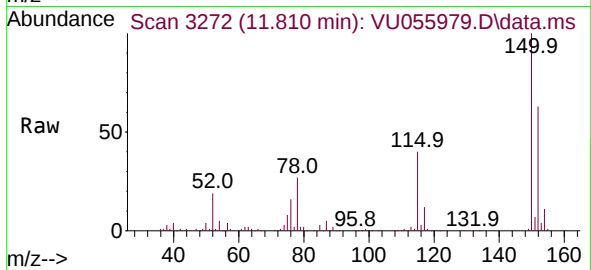
Tgt Ion:	129	Resp:	18299
Ion	Ratio	Lower	Upper
129	100		
127	76.4	53.5	99.5





#61
 1,2,3-Trichloropropane
 Concen: 1.722 ug/L
 RT: 11.810 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU055979.D
 Acq: 28 Oct 2023 17:17

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 19001
 Ion Ratio Lower Upper
 75 100
 110 4.1 29.0 43.6#
 77 34.0 24.5 36.7

