

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090623\
 Data File : VU055167.D
 Acq On : 07 Sep 2023 02:35
 Operator : MD/SY
 Sample : 04286-21
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 07 03:33:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 06 05:03:37 2023
 Response via : Initial Calibration

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

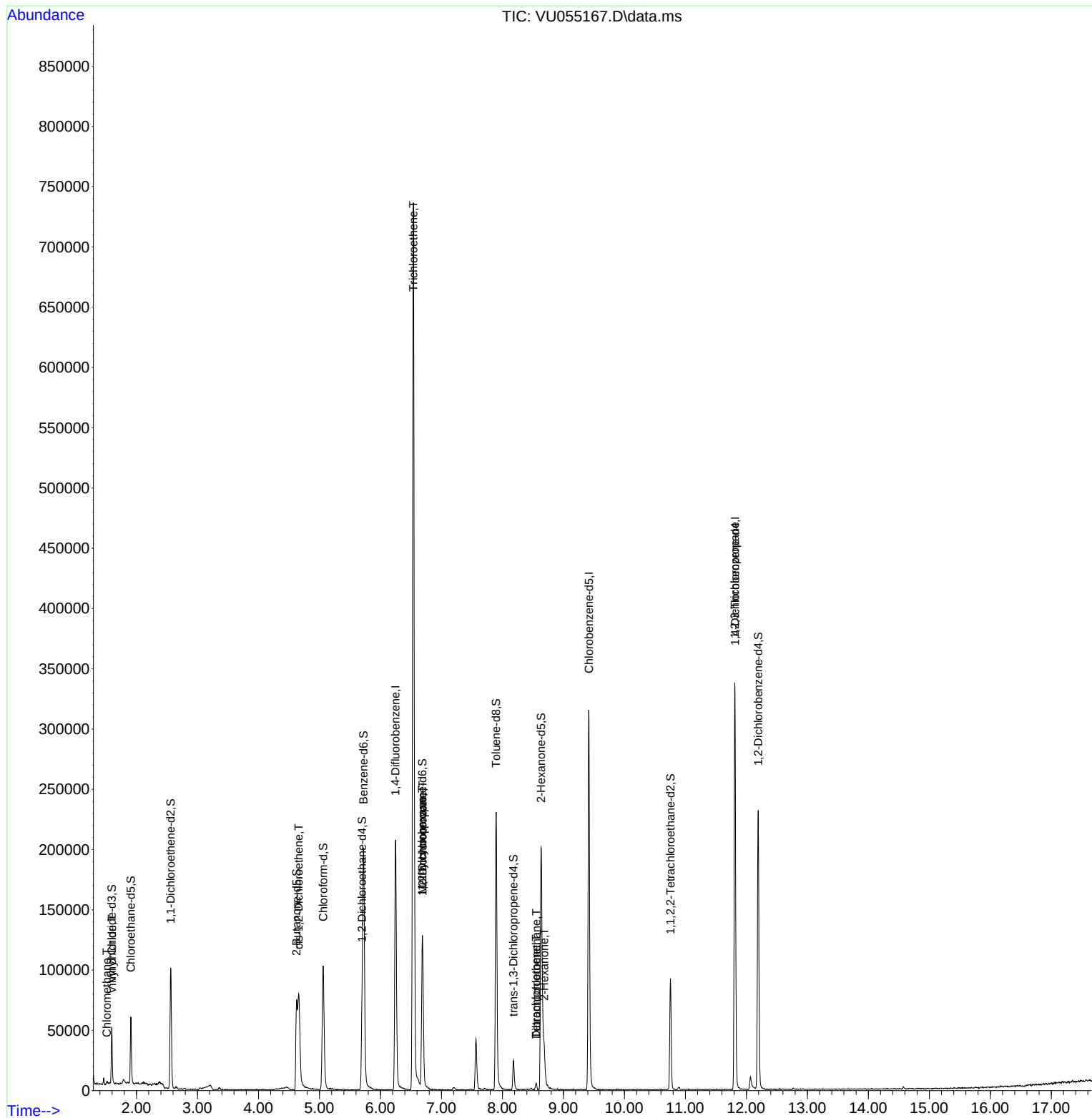
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	164998	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	170663	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	86233	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	30253	3.912	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.200%
7) Chloroethane-d5	1.907	69	37049	4.139	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.800%
11) 1,1-Dichloroethene-d2	2.560	65	19102	4.335	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.800%
20) 2-Butanone-d5	4.624	46	111914	49.870	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.740%
24) Chloroform-d	5.061	84	95142	4.636	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	5.698	65	48662	4.740	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
32) Benzene-d6	5.724	84	184805	4.387	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
36) 1,2-Dichloropropane-d6	6.688	67	61747	4.608	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.200%
41) Toluene-d8	7.897	98	155865	4.016	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.400%
43) trans-1,3-Dichloroprop...	8.180	79	13729	3.721	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.400%
46) 2-Hexanone-d5	8.634	63	65059	43.430	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.860%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	45183	4.795	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.800%
66) 1,2-Dichlorobenzene-d4	12.193	152	57770	4.590	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.800%
Target Compounds						
3) Chloromethane	1.515	50	2115	0.217	ug/L	90
5) Vinyl chloride	1.599	62	2946	0.286	ug/L	88
22) cis-1,2-Dichloroethene	4.660	96	31344	3.309	ug/L	99
34) Trichloroethene	6.541	95	250611	24.826	ug/L	97
35) Methylcyclohexane	6.685	83	13422	0.948	ug/L #	19
37) 1,2-Dichloropropane	6.692	63	6591	0.667	ug/L #	88
47) Tetrachloroethene	8.553	164	1178	0.169	ug/L	83
48) 2-Hexanone	8.685	43	18986	4.297	ug/L #	81
49) Dibromochloromethane	8.557	129	1058	0.146	ug/L #	9
61) 1,2,3-Trichloropropane	11.810	75	12323	2.153	ug/L #	69

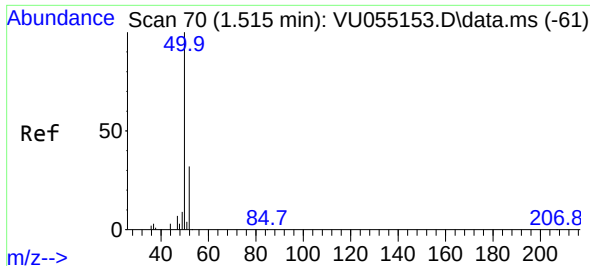
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090623\
Data File : VU055167.D
Acq On : 07 Sep 2023 02:35
Operator : MD/SY
Sample : 04286-21
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

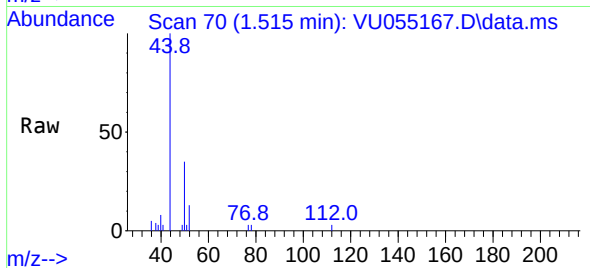
Quant Time: Sep 07 03:33:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Sep 06 05:03:37 2023
Response via : Initial Calibration



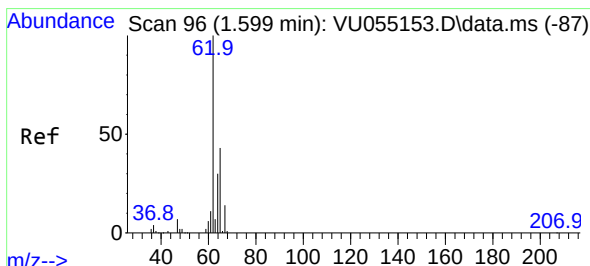
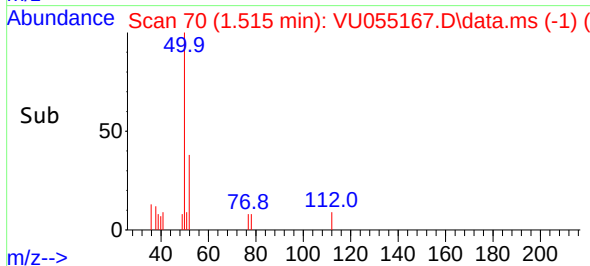
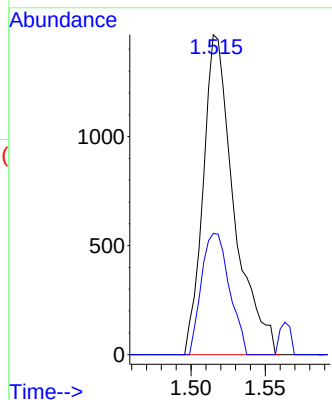


#3
Chloromethane
Concen: 0.217 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU055167.D
Acq: 07 Sep 2023 02:35

Instrument :
MSVOA_U
ClientSampleId :

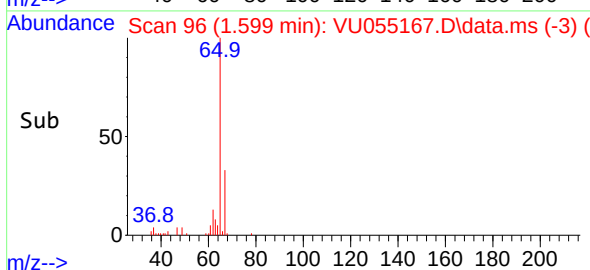
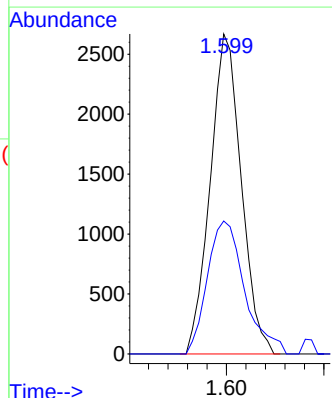
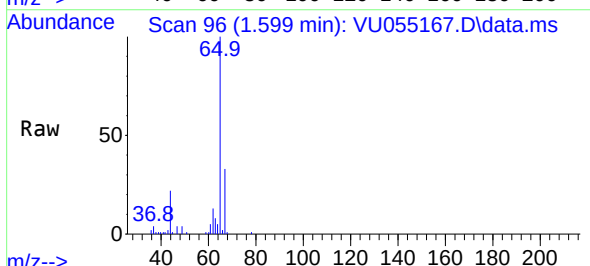


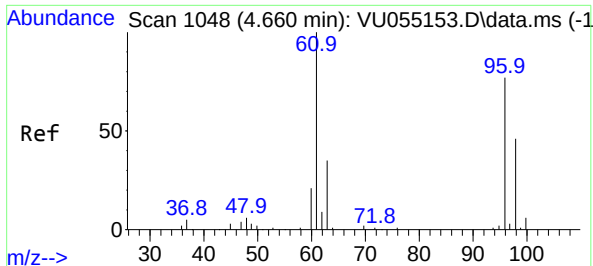
Tgt Ion: 50 Resp: 2115
Ion Ratio Lower Upper
50 100
52 37.9 22.5 41.7



#5
Vinyl chloride
Concen: 0.286 ug/L
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU055167.D
Acq: 07 Sep 2023 02:35

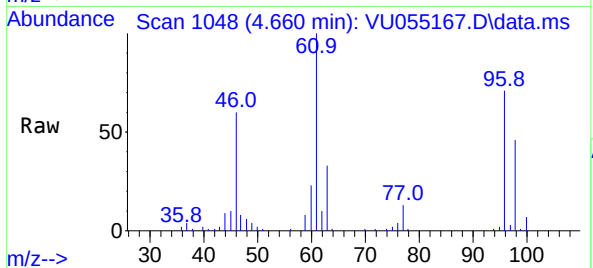
Tgt Ion: 62 Resp: 2946
Ion Ratio Lower Upper
62 100
64 41.6 24.2 45.0



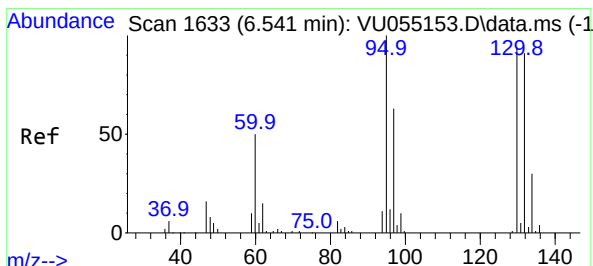
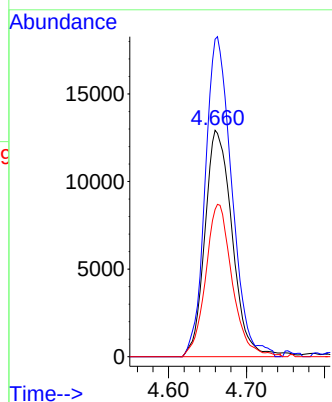
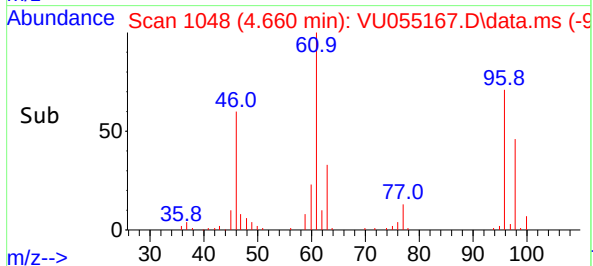


#22
cis-1,2-Dichloroethene
Concen: 3.309 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. -0.003 min
Lab File: VU055167.D
Acq: 07 Sep 2023 02:35

Instrument :
MSVOA_U
ClientSampleId :

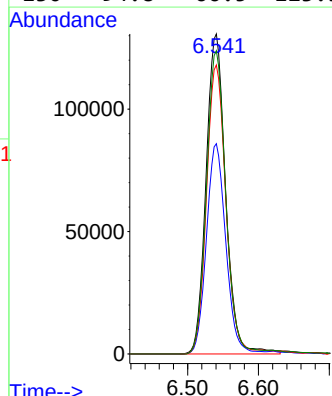
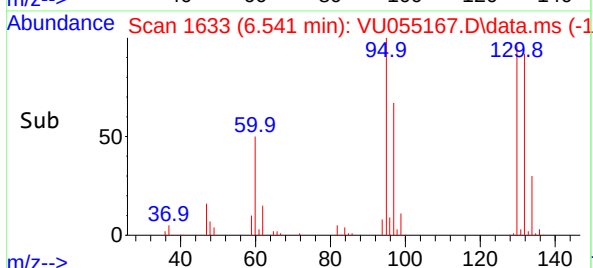
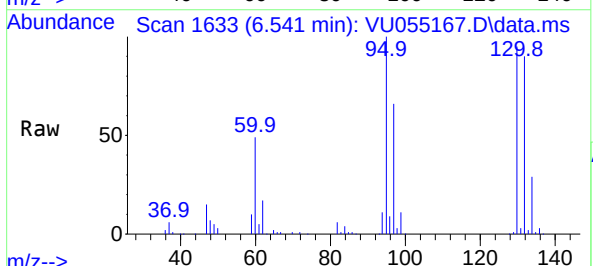


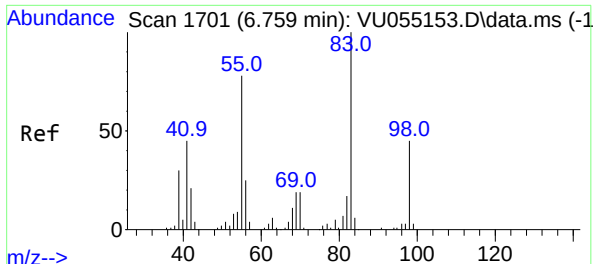
Tgt Ion: 96 Resp: 31344
Ion Ratio Lower Upper
96 100
61 140.2 97.2 180.4
98 65.0 46.1 85.7



#34
Trichloroethene
Concen: 24.826 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. -0.000 min
Lab File: VU055167.D
Acq: 07 Sep 2023 02:35

Tgt Ion: 95 Resp: 250611
Ion Ratio Lower Upper
95 100
97 65.7 44.7 83.1
132 90.3 66.6 123.6
130 94.8 66.5 123.5





#35

Methylcyclohexane

Concen: 0.948 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU055167.D

Acq: 07 Sep 2023 02:35

Instrument :

MSVOA_U

ClientSampleId :

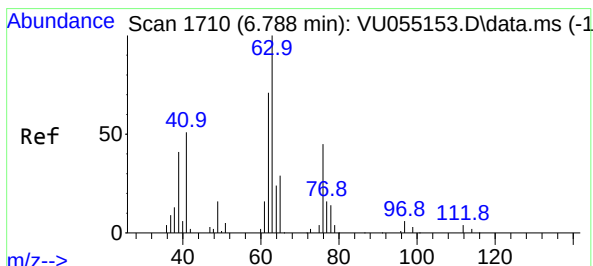
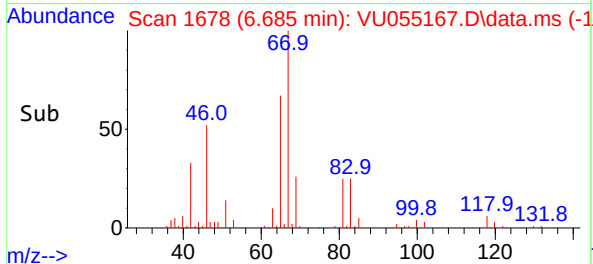
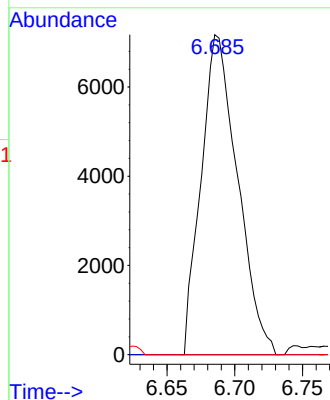
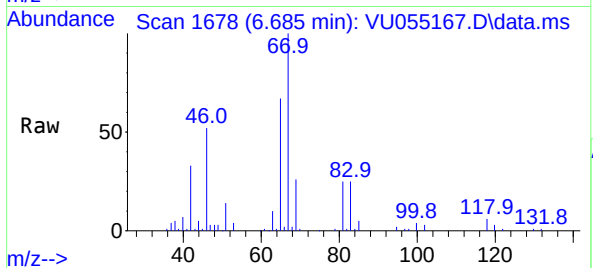
Tgt Ion: 83 Resp: 13422

Ion Ratio Lower Upper

83 100

55 0.2 60.4 90.6#

98 0.0 35.3 52.9#



#37

1,2-Dichloropropane

Concen: 0.667 ug/L

RT: 6.692 min Scan# 1680

Delta R.T. -0.096 min

Lab File: VU055167.D

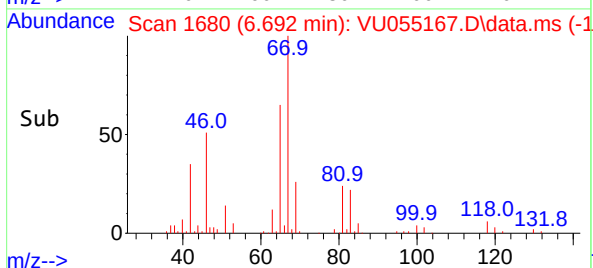
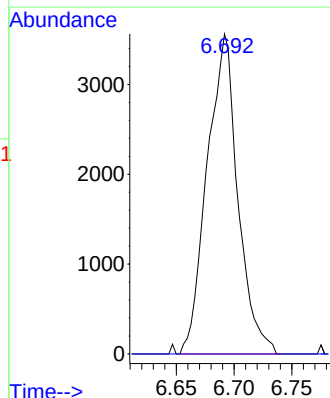
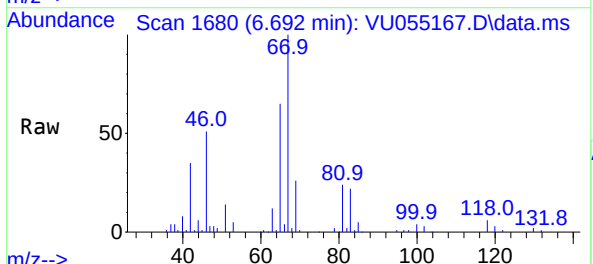
Acq: 07 Sep 2023 02:35

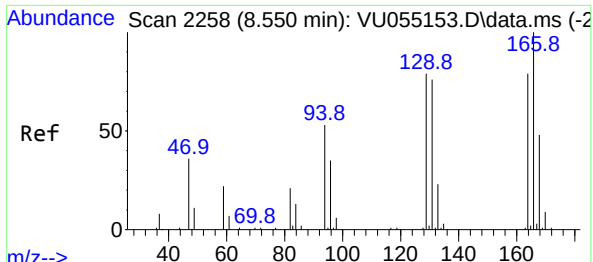
Tgt Ion: 63 Resp: 6591

Ion Ratio Lower Upper

63 100

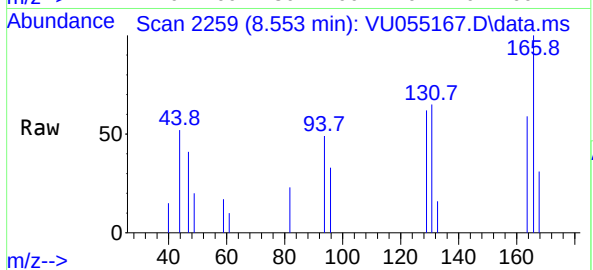
112 0.0 3.2 4.8#





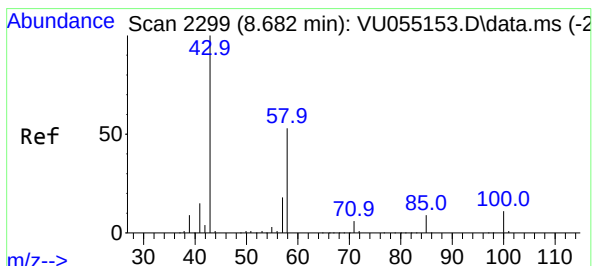
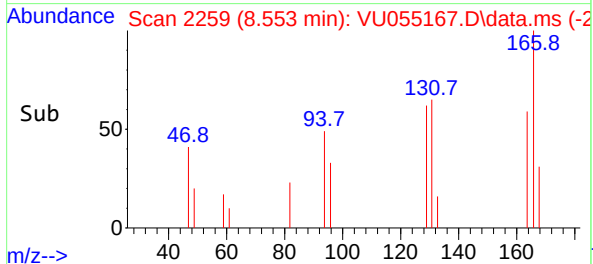
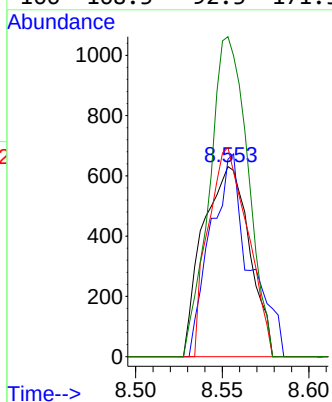
#47
Tetrachloroethene
Concen: 0.169 ug/L
RT: 8.553 min Scan# 211
Delta R.T. -0.000 min
Lab File: VU055167.D
Acq: 07 Sep 2023 02:35

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:164 Resp: 1178

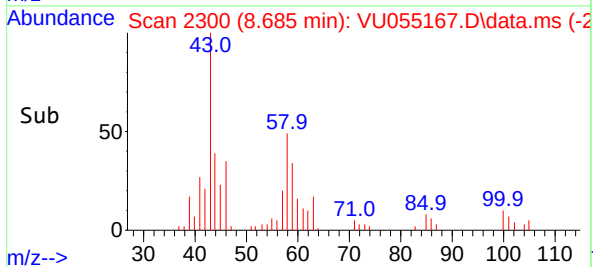
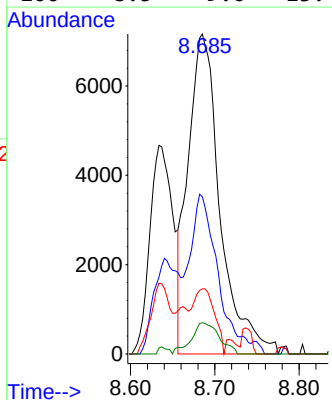
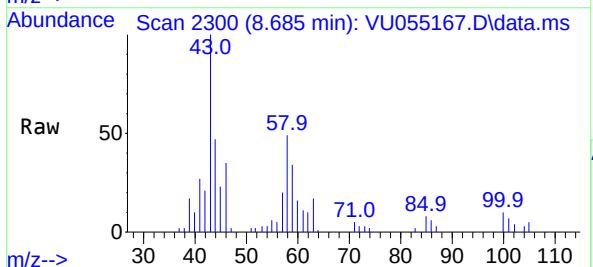
Ion	Ratio	Lower	Upper
164	100		
129	103.8	69.2	128.6
131	110.0	68.8	127.8
166	168.3	92.3	171.5

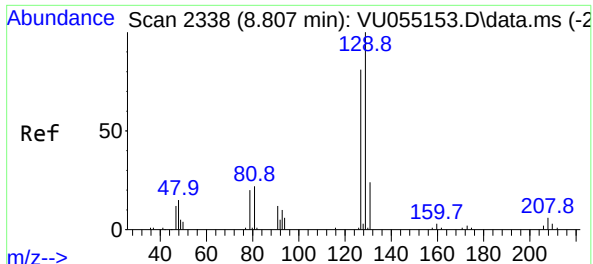


#48
2-Hexanone
Concen: 4.297 ug/L
RT: 8.685 min Scan# 2300
Delta R.T. 0.003 min
Lab File: VU055167.D
Acq: 07 Sep 2023 02:35

Tgt Ion: 43 Resp: 18986

Ion	Ratio	Lower	Upper
43	100		
58	38.2	44.0	66.0#
57	13.6	16.2	24.2#
100	8.5	9.0	13.4#





#49

Dibromochloromethane

Concen: 0.146 ug/L

RT: 8.557 min Scan# 21

Delta R.T. -0.251 min

Lab File: VU055167.D

Acq: 07 Sep 2023 02:35

Instrument :

MSVOA_U

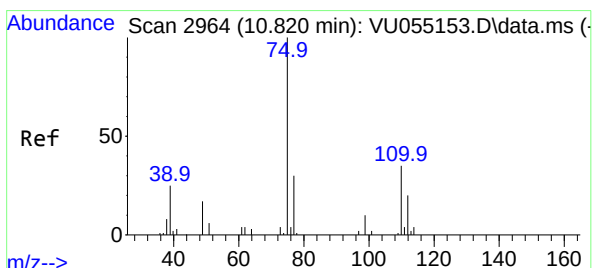
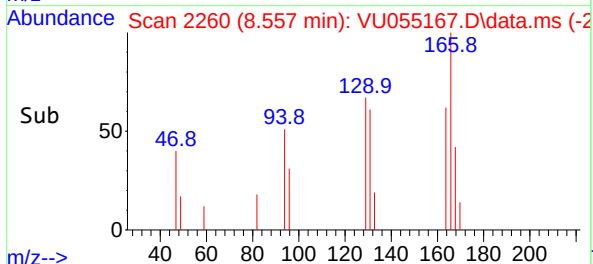
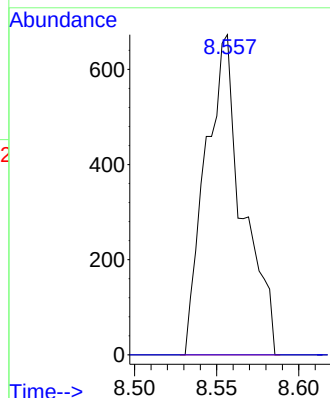
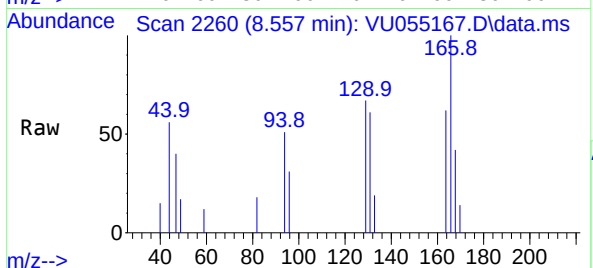
ClientSampleId :

Tgt Ion:129 Resp: 1058

Ion Ratio Lower Upper

129 100

127 0.0 55.9 103.7#



#61

1,2,3-Trichloropropane

Concen: 2.153 ug/L

RT: 11.810 min Scan# 3272

Delta R.T. 0.990 min

Lab File: VU055167.D

Acq: 07 Sep 2023 02:35

Tgt Ion: 75 Resp: 12323

Ion Ratio Lower Upper

75 100

110 1.2 28.2 42.2#

77 33.4 26.2 39.4

