

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111323\
 Data File : VU056295.D
 Acq On : 14 Nov 2023 09:48
 Operator : MD/SY
 Sample : 05371-10
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 15 00:38:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 15 00:09:07 2023
 Response via : Initial Calibration

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

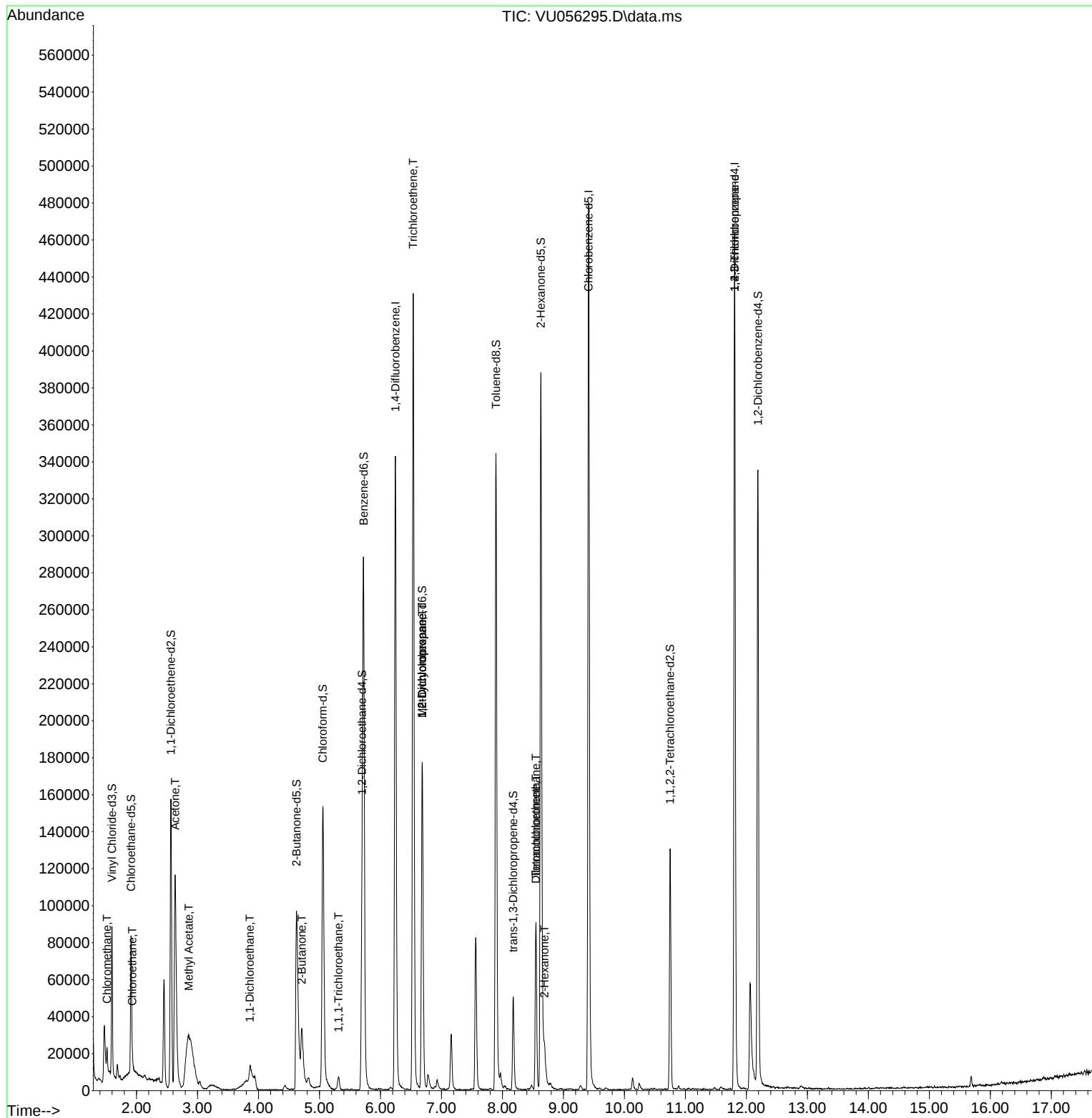
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	280815	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	280461	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	124378	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	57467	2.736	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	54.800%
7) Chloroethane-d5	1.911	69	52866	3.283	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	65.600%
11) 1,1-Dichloroethene-d2	2.563	65	30006	3.237	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.800%
20) 2-Butanone-d5	4.624	46	162971	38.912	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.820%
24) Chloroform-d	5.055	84	143130	3.523	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	70.400%
26) 1,2-Dichloroethane-d4	5.698	65	70640	3.763	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.200%
32) Benzene-d6	5.724	84	276757	3.312	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	66.200%#
36) 1,2-Dichloropropane-d6	6.685	67	87595	3.478	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	69.600%
41) Toluene-d8	7.894	98	236448	3.204	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	64.000%#
43) trans-1,3-Dichloroprop...	8.177	79	30761	3.185	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	63.600%
46) 2-Hexanone-d5	8.631	63	136965	36.085	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	72.160%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	67234	3.736	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	74.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	85135	3.705	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	74.200%#
Target Compounds						Qvalue
3) Chloromethane	1.518	50	8048	0.354	ug/L	100
8) Chloroethane	1.933	64	5068	0.379	ug/L #	80
13) Acetone	2.634	43	174725	48.982	ug/L	99
15) Methyl Acetate	2.856	43	3526	0.555	ug/L #	49
19) 1,1-Dichloroethane	3.859	63	9762	0.279	ug/L	98
21) 2-Butanone	4.711	43	50447	10.899	ug/L	96
29) 1,1,1-Trichloroethane	5.312	97	5458	0.170	ug/L #	82
34) Trichloroethene	6.537	95	155255	7.121	ug/L	98
35) Methylcyclohexane	6.685	83	21171	0.673	ug/L #	19
37) 1,2-Dichloropropane	6.685	63	9706	0.465	ug/L #	88
47) Tetrachloroethene	8.550	164	18429	1.253	ug/L	94
48) 2-Hexanone	8.689	43	12849	1.594	ug/L #	94
49) Dibromochloromethane	8.547	129	19766	1.251	ug/L #	12
61) 1,2,3-Trichloropropane	11.807	75	15891	1.489	ug/L #	65

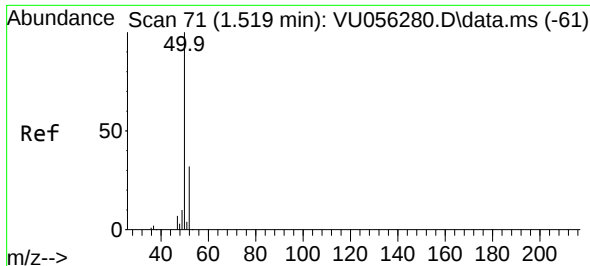
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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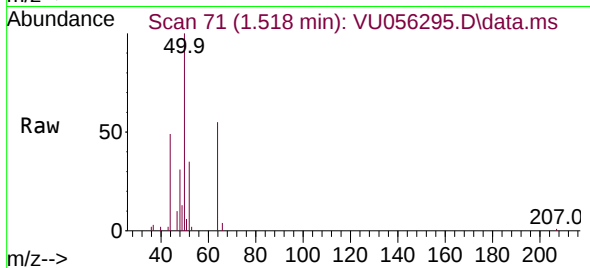
Quant Time: Nov 15 00:38:48 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 15 00:09:07 2023
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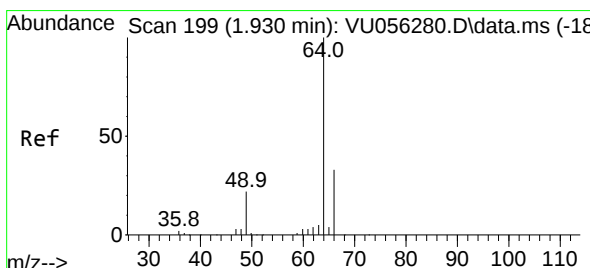
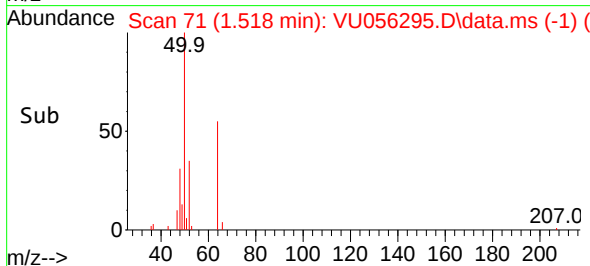
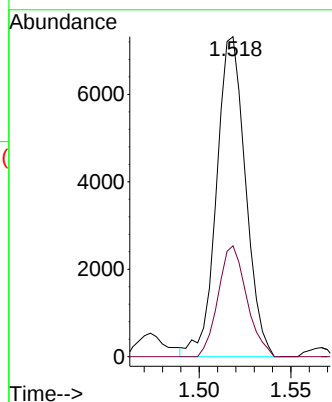


#3
Chloromethane
Concen: 0.354 ug/L
RT: 1.518 min Scan# 71
Delta R.T. -0.000 min
Lab File: VU056295.D
Acq: 14 Nov 2023 09:48

Instrument :
MSVOA_U
ClientSampleId :

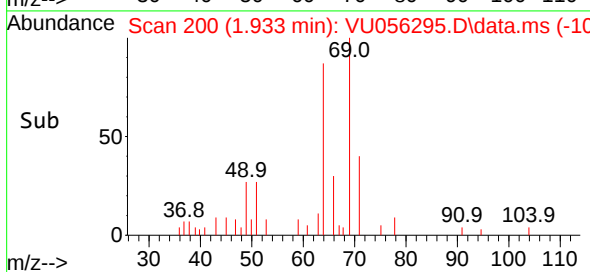
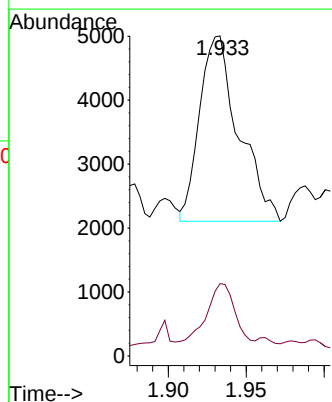
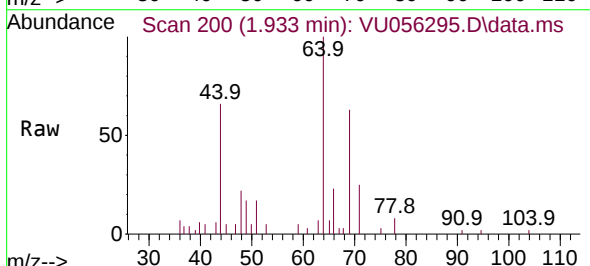


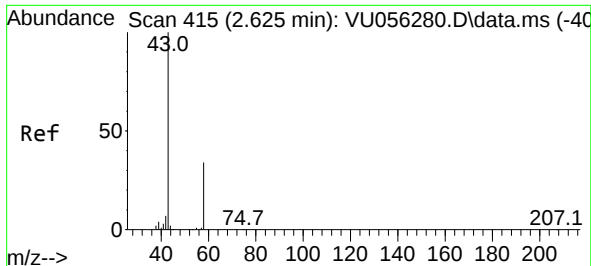
Tgt Ion: 50 Resp: 8048
Ion Ratio Lower Upper
50 100
52 34.7 24.3 45.1



#8
Chloroethane
Concen: 0.379 ug/L
RT: 1.933 min Scan# 200
Delta R.T. 0.003 min
Lab File: VU056295.D
Acq: 14 Nov 2023 09:48

Tgt Ion: 64 Resp: 5068
Ion Ratio Lower Upper
64 100
66 22.6 23.9 44.5#

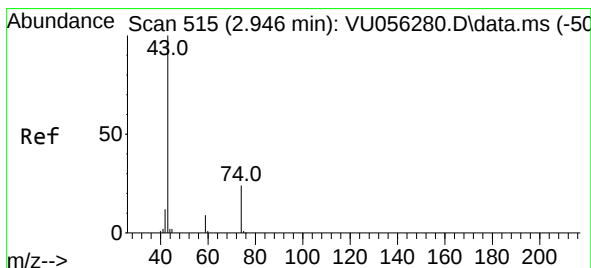
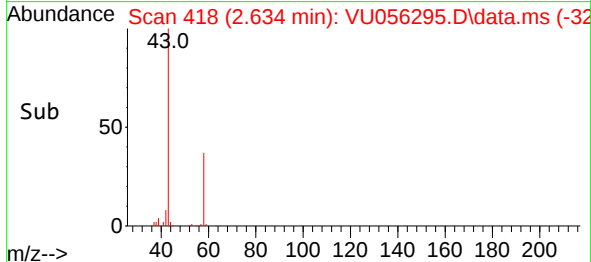
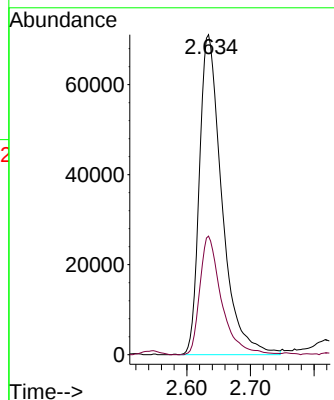
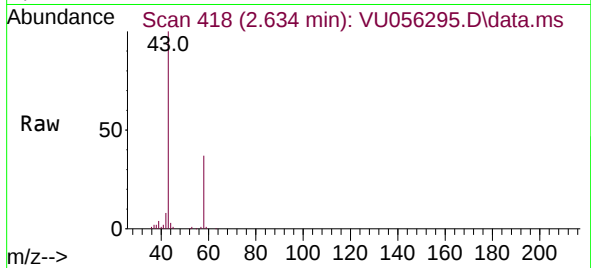




#13
Acetone
Concen: 48.982 ug/L
RT: 2.634 min Scan# 415
Delta R.T. 0.010 min
Lab File: VU056295.D
Acq: 14 Nov 2023 09:48

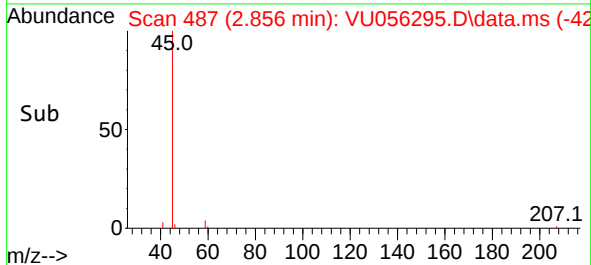
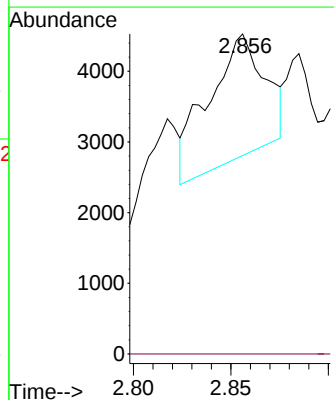
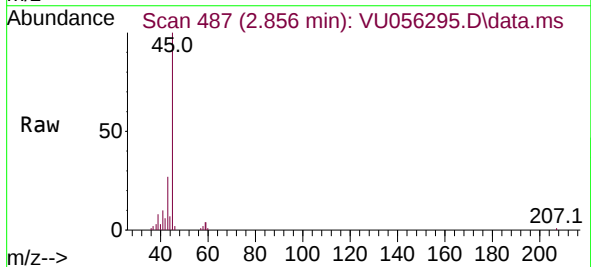
Instrument :
MSVOA_U
ClientSampleId :

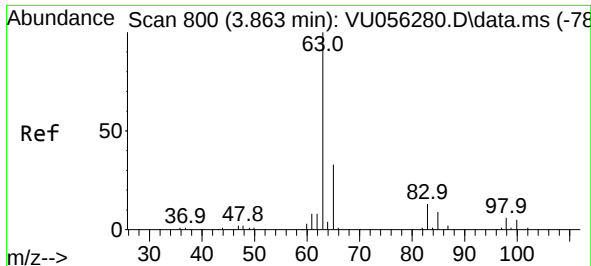
Tgt Ion: 43 Resp: 174725
Ion Ratio Lower Upper
43 100
58 35.6 0.0 70.0



#15
Methyl Acetate
Concen: 0.555 ug/L
RT: 2.856 min Scan# 487
Delta R.T. -0.090 min
Lab File: VU056295.D
Acq: 14 Nov 2023 09:48

Tgt Ion: 43 Resp: 3526
Ion Ratio Lower Upper
43 100
74 0.0 20.6 31.0#





#19

1,1-Dichloroethane

Concen: 0.279 ug/L

RT: 3.859 min Scan# 799

Delta R.T. -0.003 min

Lab File: VU056295.D

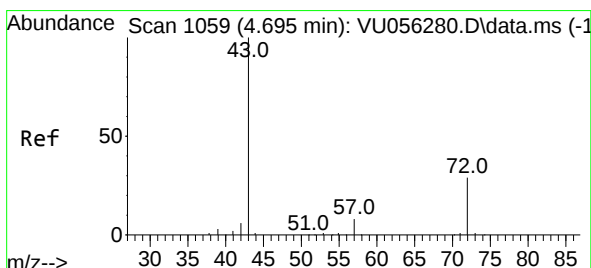
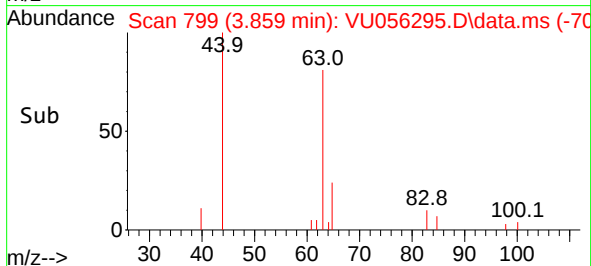
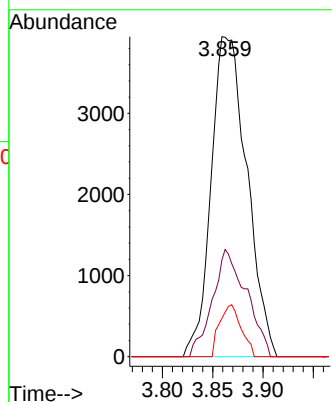
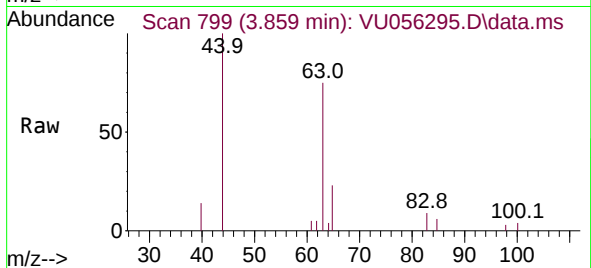
Acq: 14 Nov 2023 09:48

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 63	Resp: 9762
Ion Ratio	Lower Upper
63	100
65	30.3 21.8 40.6
83	12.0 9.7 17.9



#21

2-Butanone

Concen: 10.899 ug/L

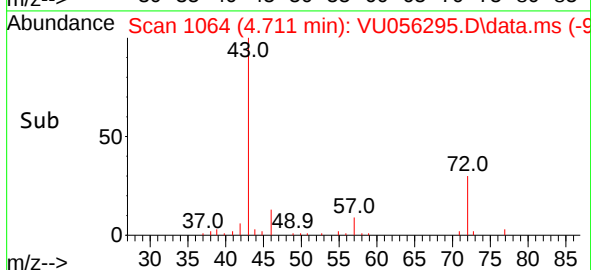
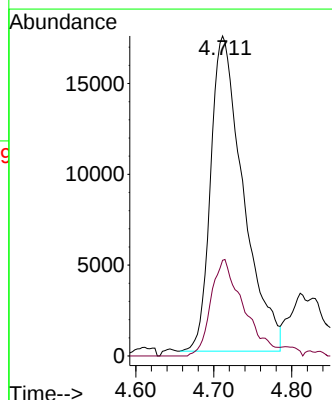
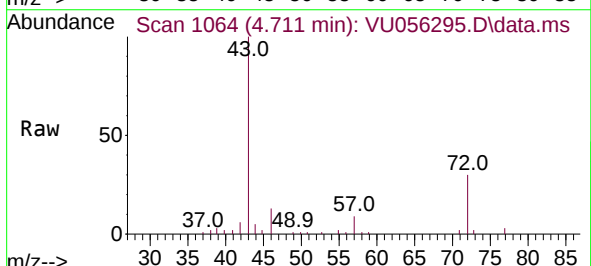
RT: 4.711 min Scan# 1064

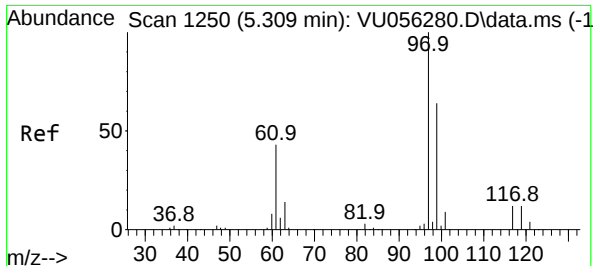
Delta R.T. 0.016 min

Lab File: VU056295.D

Acq: 14 Nov 2023 09:48

Tgt Ion: 43	Resp: 50447
Ion Ratio	Lower Upper
43	100
72	30.7 14.2 42.6





#29

1,1,1-Trichloroethane

Concen: 0.170 ug/L

RT: 5.312 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU056295.D

Acq: 14 Nov 2023 09:48

Instrument :

MSVOA_U

ClientSampleId :

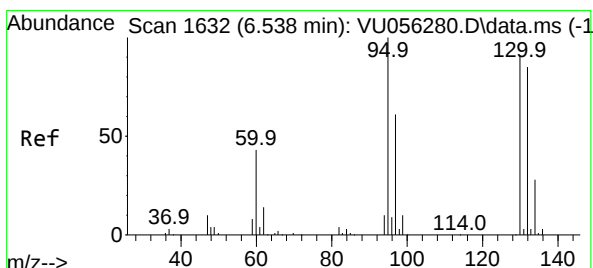
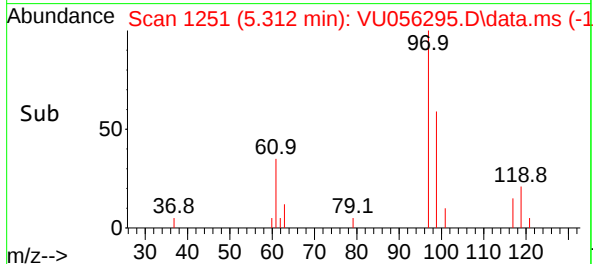
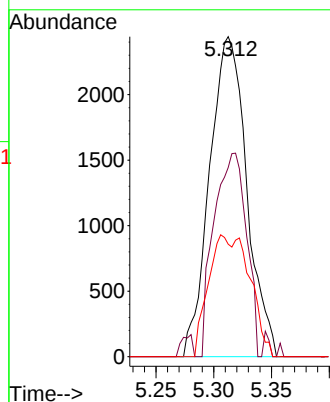
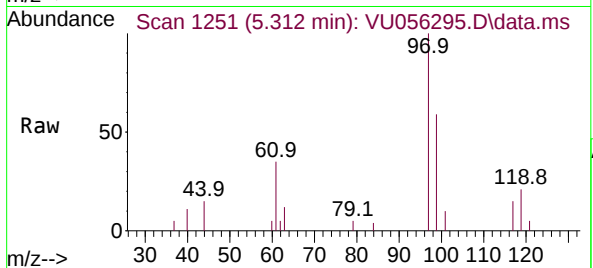
Tgt Ion: 97 Resp: 5458

Ion Ratio Lower Upper

97 100

99 55.6 51.6 77.4

61 24.1 34.3 51.5#



#34

Trichloroethene

Concen: 7.121 ug/L

RT: 6.537 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VU056295.D

Acq: 14 Nov 2023 09:48

Tgt Ion: 95 Resp: 155255

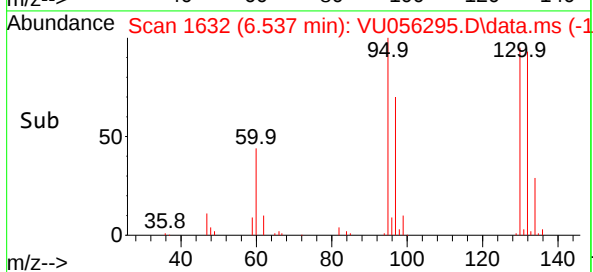
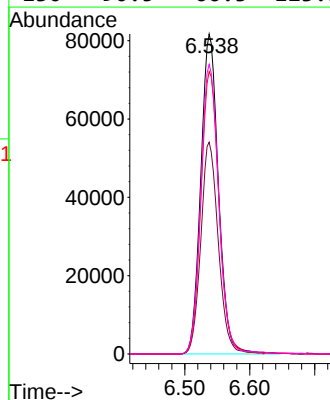
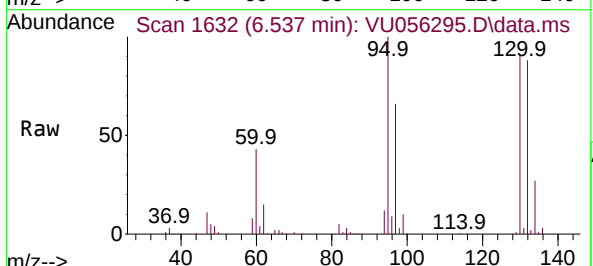
Ion Ratio Lower Upper

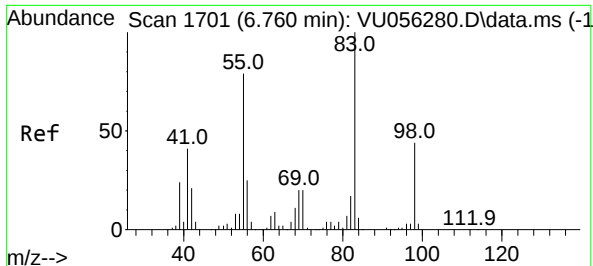
95 100

97 66.2 46.5 86.3

132 88.3 62.0 115.2

130 90.5 66.3 123.1





#35

Methylcyclohexane

Concen: 0.673 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU056295.D

Acq: 14 Nov 2023 09:48

Instrument :

MSVOA_U

ClientSampleId :

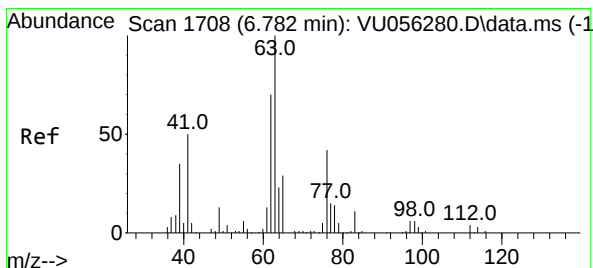
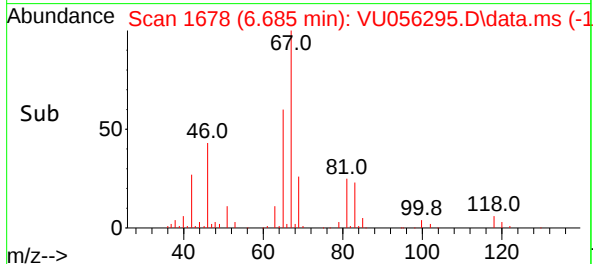
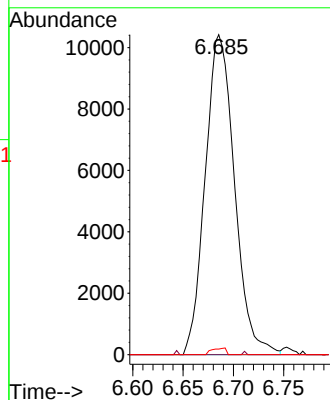
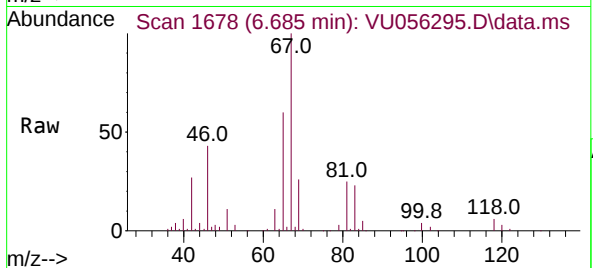
Tgt Ion: 83 Resp: 21171

Ion Ratio Lower Upper

83 100

55 0.1 62.9 94.3#

98 1.0 35.3 52.9#



#37

1,2-Dichloropropane

Concen: 0.465 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.097 min

Lab File: VU056295.D

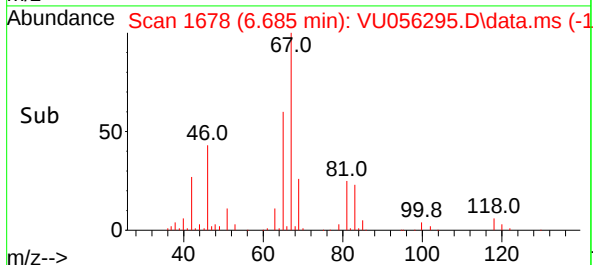
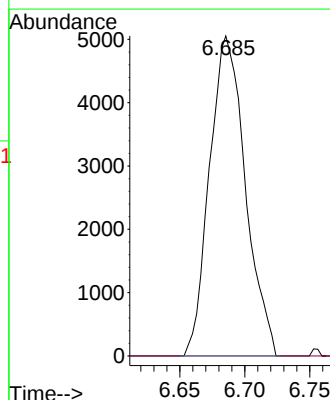
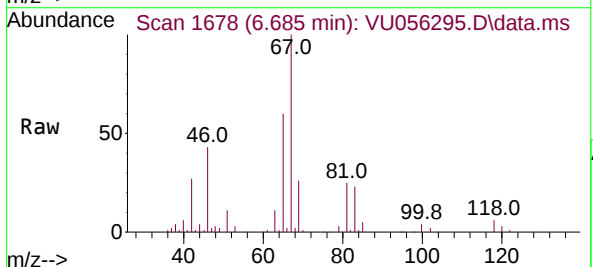
Acq: 14 Nov 2023 09:48

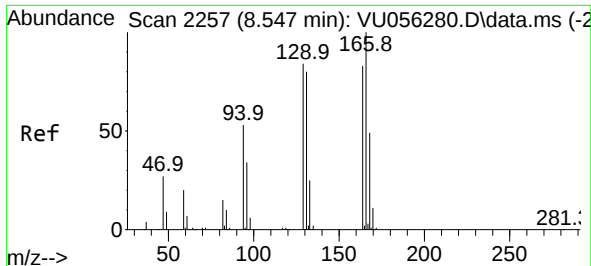
Tgt Ion: 63 Resp: 9706

Ion Ratio Lower Upper

63 100

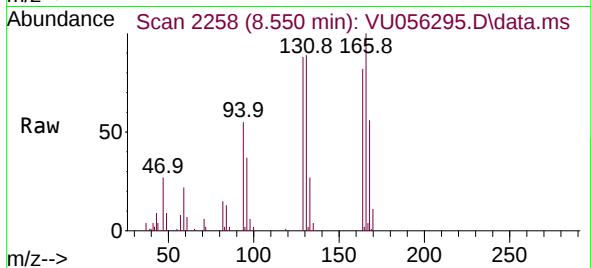
112 0.0 3.2 4.8#



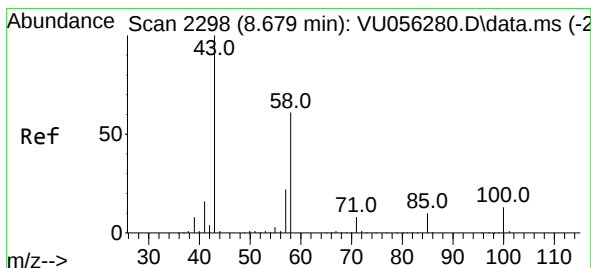
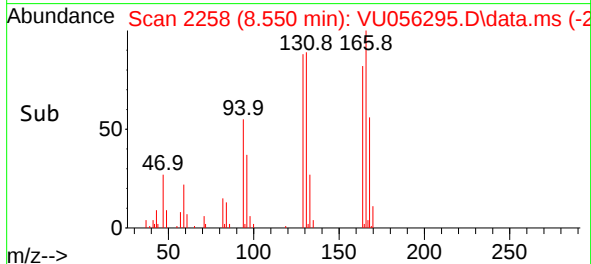
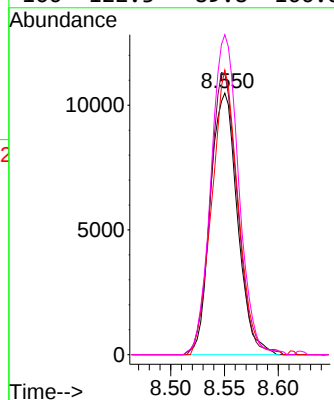


#47
Tetrachloroethene
Concen: 1.253 ug/L
RT: 8.550 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU056295.D
Acq: 14 Nov 2023 09:48

Instrument :
MSVOA_U
ClientSampleId :

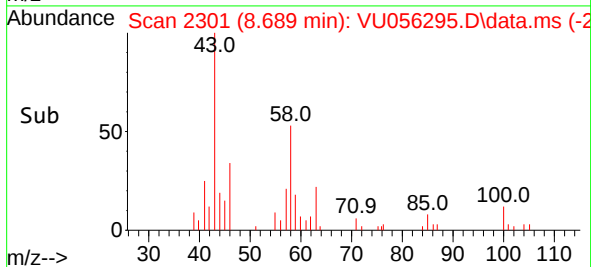
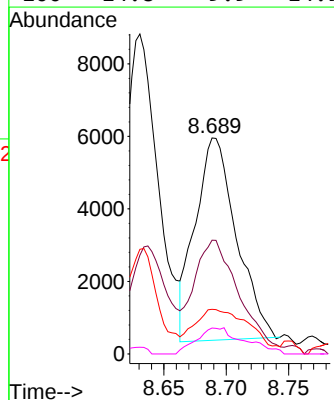
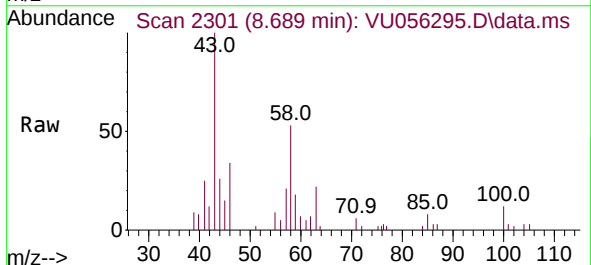


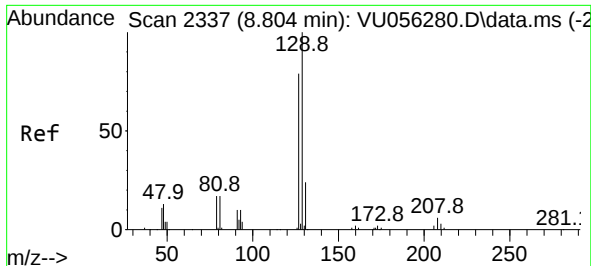
Tgt Ion:164 Resp: 18429
Ion Ratio Lower Upper
164 100
129 107.5 71.0 131.9
131 108.8 70.3 130.7
166 122.3 89.8 166.8



#48
2-Hexanone
Concen: 1.594 ug/L
RT: 8.689 min Scan# 2301
Delta R.T. 0.010 min
Lab File: VU056295.D
Acq: 14 Nov 2023 09:48

Tgt Ion: 43 Resp: 12849
Ion Ratio Lower Upper
43 100
58 62.5 48.7 73.1
57 29.7 16.8 25.2#
100 14.8 9.9 14.9

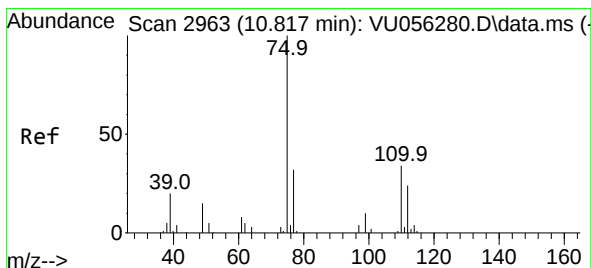
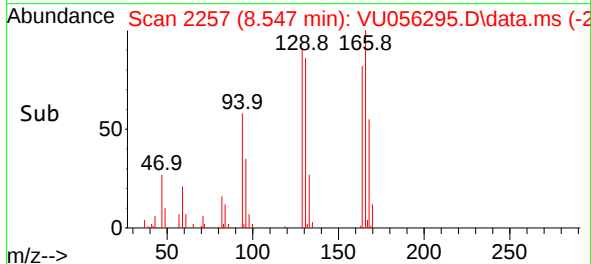
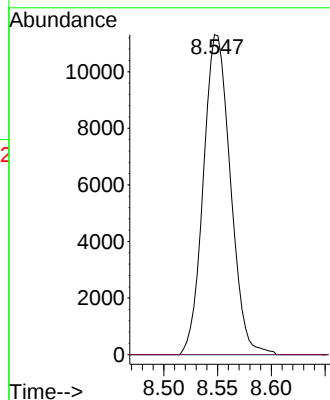
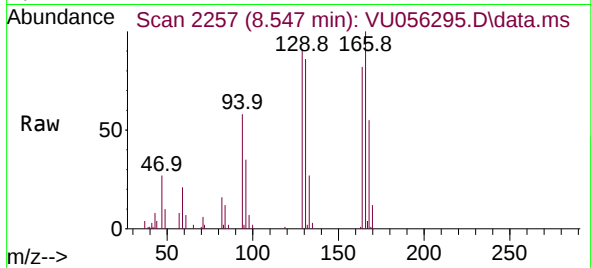




#49
Dibromochloromethane
Concen: 1.251 ug/L
RT: 8.547 min Scan# 21
Delta R.T. -0.257 min
Lab File: VU056295.D
Acq: 14 Nov 2023 09:48

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:129 Resp: 19766
Ion Ratio Lower Upper
129 100
127 0.0 52.9 98.3#



#61
1,2,3-Trichloropropane
Concen: 1.489 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.990 min
Lab File: VU056295.D
Acq: 14 Nov 2023 09:48

Tgt Ion: 75 Resp: 15891
Ion Ratio Lower Upper
75 100
110 1.9 30.4 45.6#
77 30.3 27.0 40.6

