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 Data File : VU055049.D
 Acq On : 01 Sep 2023 18:50
 Operator : MD/SY
 Sample : 04209-17
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

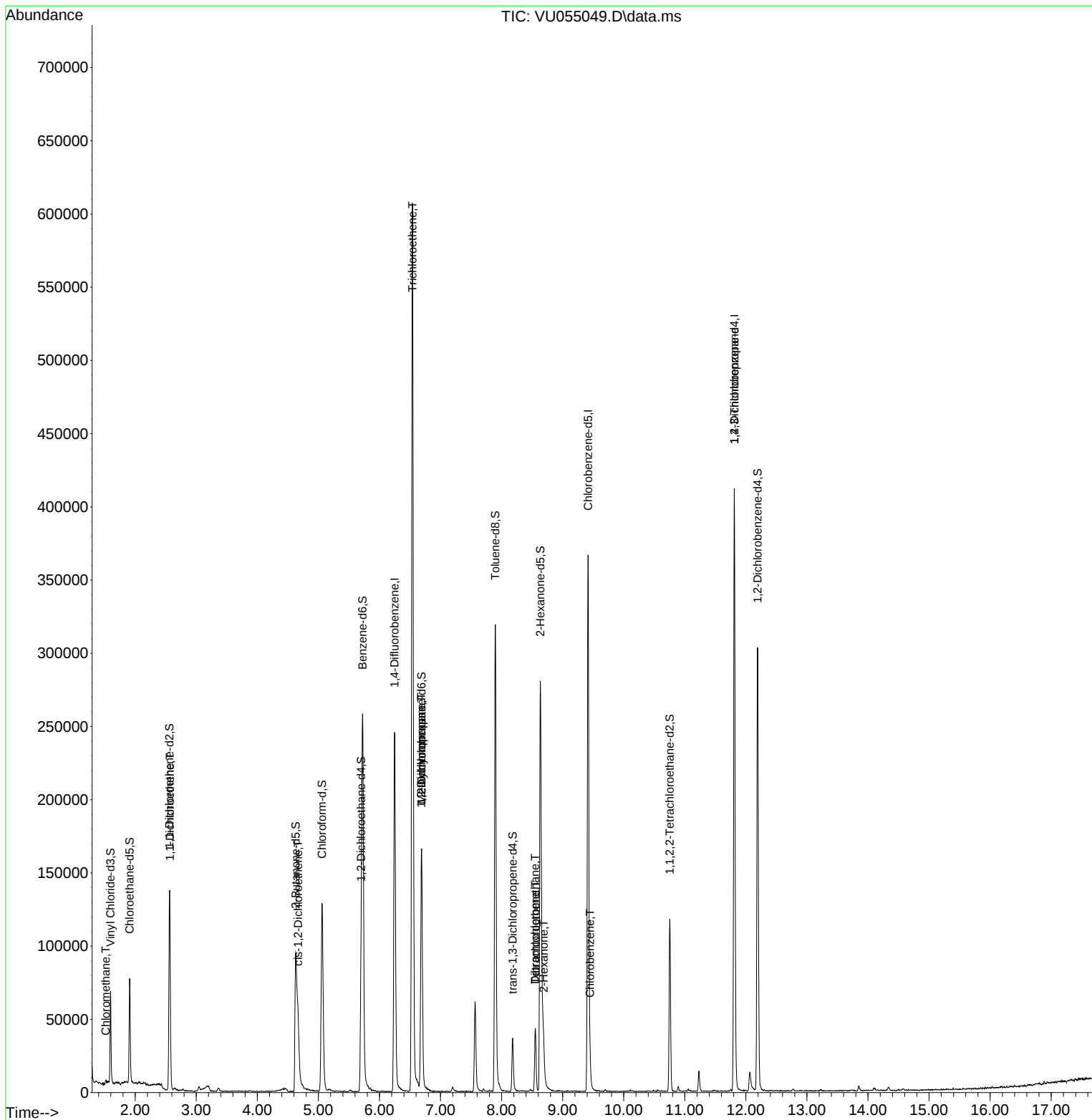
Instrument :
 MSVOA_U
 ClientSampleId :

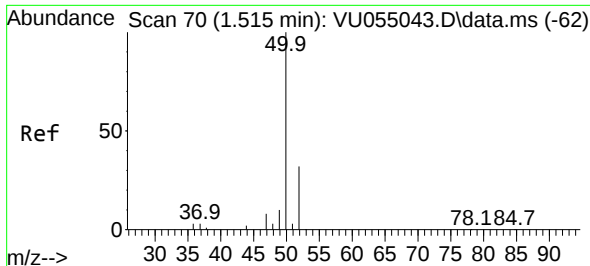
Quant Time: Sep 01 23:49:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 01 23:46:10 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	194911	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	199104	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	102858	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	42805	4.686	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.800%
7) Chloroethane-d5	1.907	69	49073	4.641	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.800%
11) 1,1-Dichloroethene-d2	2.560	65	25699	4.937	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.800%
20) 2-Butanone-d5	4.628	46	149920	56.554	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.100%
24) Chloroform-d	5.058	84	118334	4.882	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
26) 1,2-Dichloroethane-d4	5.698	65	62536	5.157	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.200%
32) Benzene-d6	5.724	84	238915	4.861	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
36) 1,2-Dichloropropane-d6	6.689	67	79683	5.098	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.000%
41) Toluene-d8	7.898	98	216770	4.788	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.800%
43) trans-1,3-Dichloroprop...	8.181	79	20564	4.777	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.600%
46) 2-Hexanone-d5	8.634	63	94522	54.085	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.180%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	55762	5.072	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	77577	5.167	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.400%
Target Compounds						
3) Chloromethane	1.518	50	1816	0.157	ug/L	92
12) 1,1-Dichloroethene	2.567	96	1225	0.136	ug/L #	1
22) cis-1,2-Dichloroethene	4.666	96	15732	1.406	ug/L	99
34) Trichloroethene	6.541	95	208235	17.682	ug/L	98
35) Methylcyclohexane	6.689	83	18046	1.092	ug/L #	40
37) 1,2-Dichloropropane	6.685	63	9180	0.796	ug/L #	88
47) Tetrachloroethene	8.554	164	9092	1.117	ug/L	97
48) 2-Hexanone	8.689	43	18507	3.590	ug/L #	92
49) Dibromochloromethane	8.550	129	9390	1.107	ug/L #	9
51) Chlorobenzene	9.447	112	7112	0.238	ug/L	95
61) 1,2,3-Trichloropropane	11.811	75	14462	2.119	ug/L #	69

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

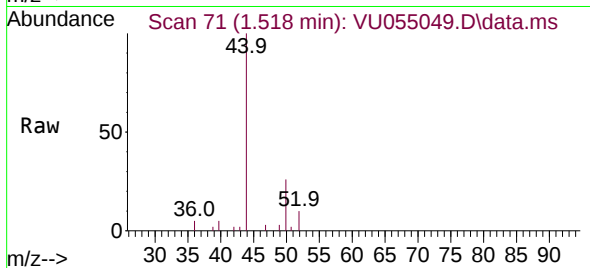
Quant Time: Sep 01 23:49:00 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 01 23:46:10 2023
Response via : Initial Calibration



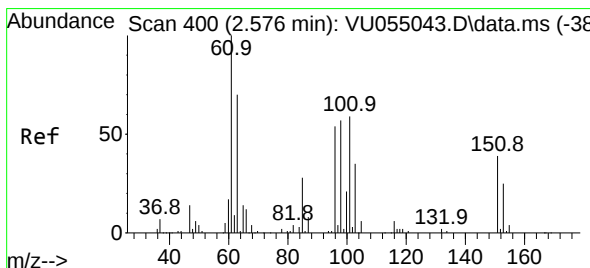
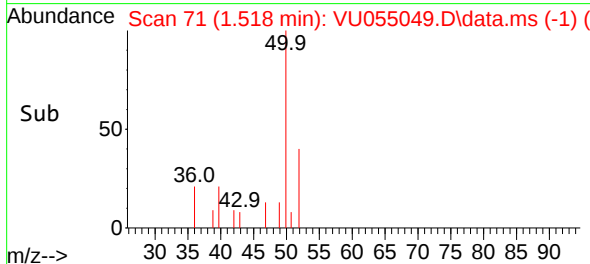
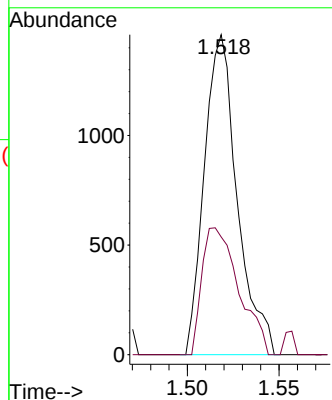


#3
Chloromethane
Concen: 0.157 ug/L
RT: 1.518 min Scan# 70
Delta R.T. 0.003 min
Lab File: VU055049.D
Acq: 01 Sep 2023 18:50

Instrument :
MSVOA_U
ClientSampleId :

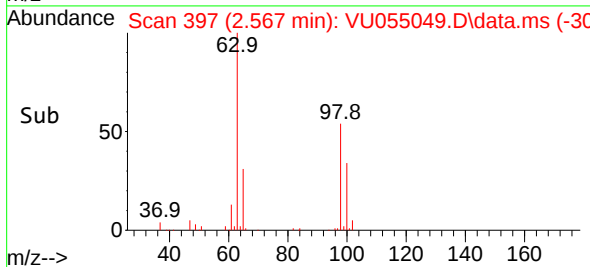
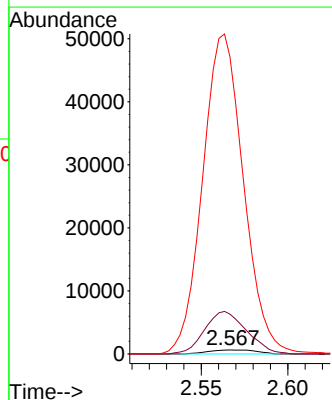
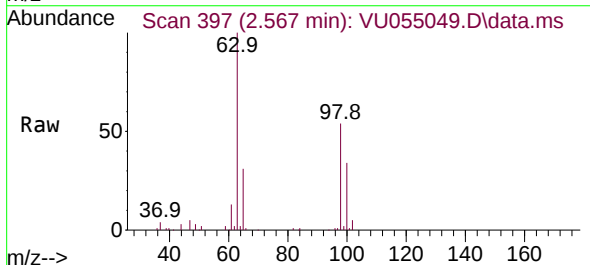


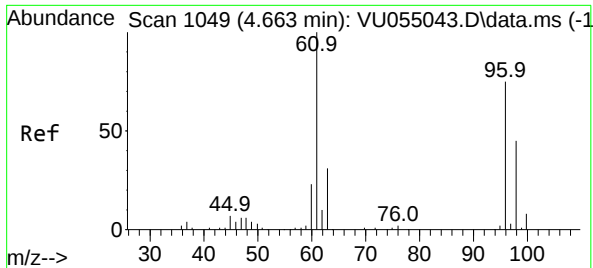
Tgt Ion: 50 Resp: 1816
Ion Ratio Lower Upper
50 100
52 36.8 22.5 41.7



#12
1,1-Dichloroethene
Concen: 0.136 ug/L
RT: 2.567 min Scan# 397
Delta R.T. -0.010 min
Lab File: VU055049.D
Acq: 01 Sep 2023 18:50

Tgt Ion: 96 Resp: 1225
Ion Ratio Lower Upper
96 100
61 998.6 120.8 224.4#
63 7436.0 94.5 175.5#

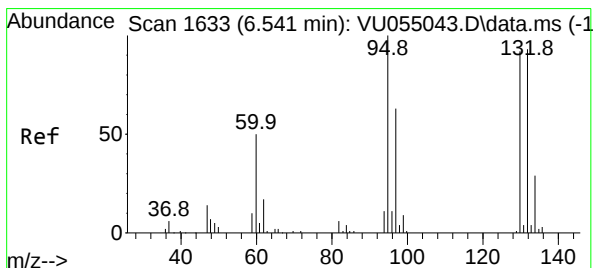
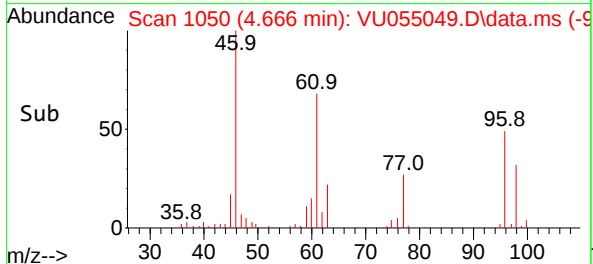
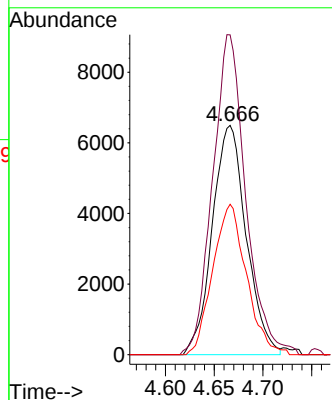
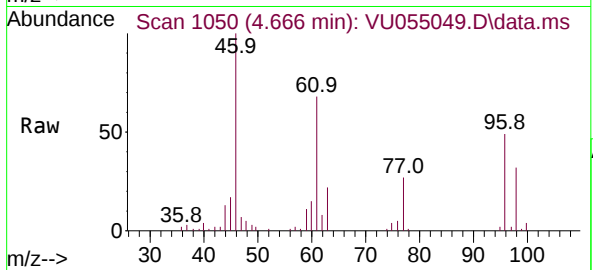




#22
 cis-1,2-Dichloroethene
 Concen: 1.406 ug/L
 RT: 4.666 min Scan# 1050
 Delta R.T. 0.003 min
 Lab File: VU055049.D
 Acq: 01 Sep 2023 18:50

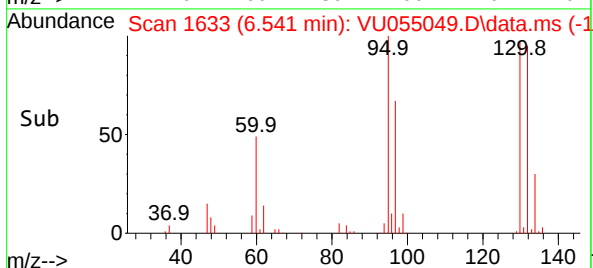
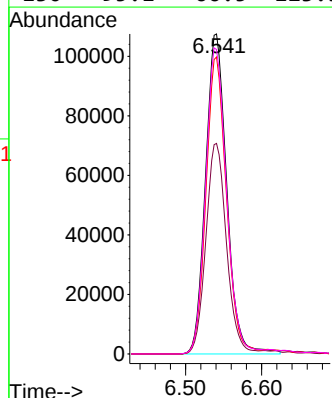
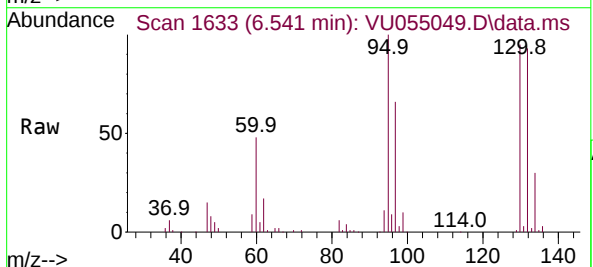
Instrument :
 MSVOA_U
 ClientSampleId :

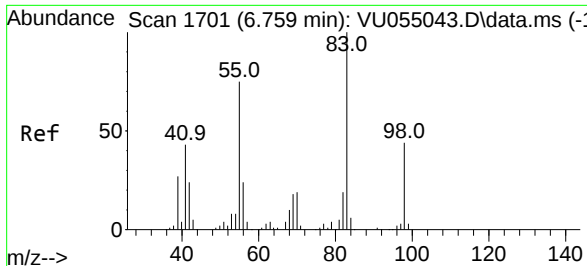
Tgt Ion: 96 Resp: 15732
 Ion Ratio Lower Upper
 96 100
 61 139.5 97.2 180.4
 98 65.6 46.1 85.7



#34
 Trichloroethene
 Concen: 17.682 ug/L
 RT: 6.541 min Scan# 1633
 Delta R.T. 0.000 min
 Lab File: VU055049.D
 Acq: 01 Sep 2023 18:50

Tgt Ion: 95 Resp: 208235
 Ion Ratio Lower Upper
 95 100
 97 65.8 44.7 83.1
 132 92.8 66.6 123.6
 130 95.1 66.5 123.5

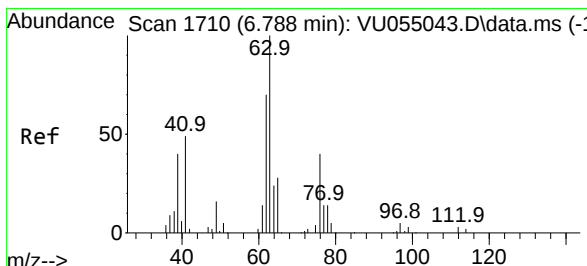
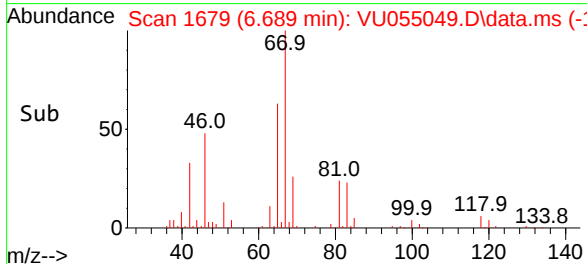
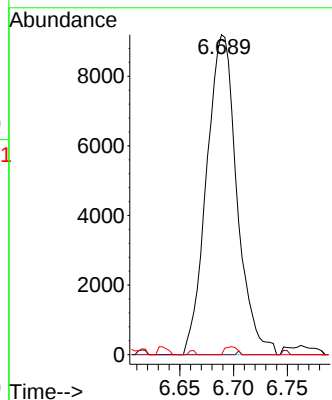
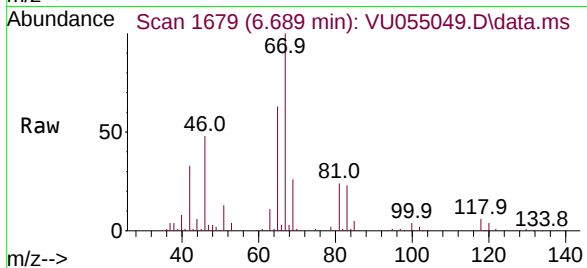




#35
Methylcyclohexane
Concen: 1.092 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU055049.D
Acq: 01 Sep 2023 18:50

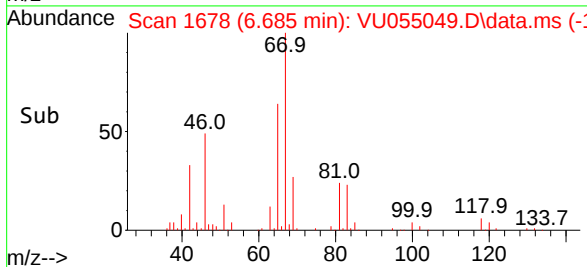
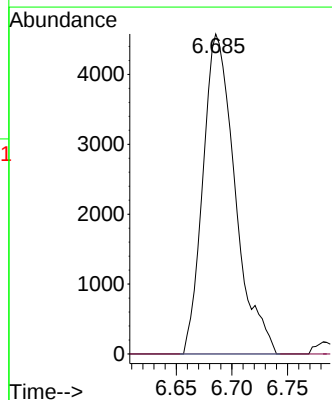
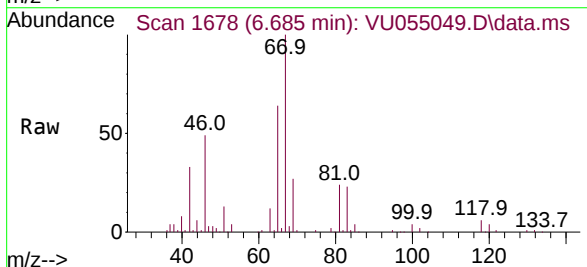
Instrument :
MSVOA_U
ClientSampleId :

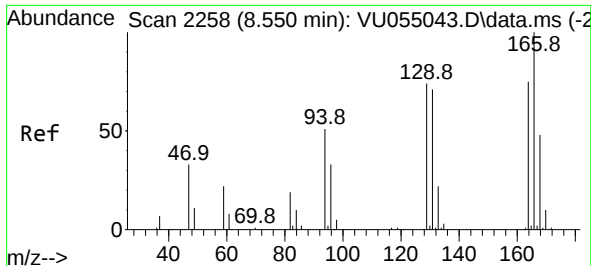
Tgt Ion: 83 Resp: 18046
Ion Ratio Lower Upper
83 100
55 0.1 60.4 90.6#
98 37.2 35.3 52.9



#37
1,2-Dichloropropane
Concen: 0.796 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.103 min
Lab File: VU055049.D
Acq: 01 Sep 2023 18:50

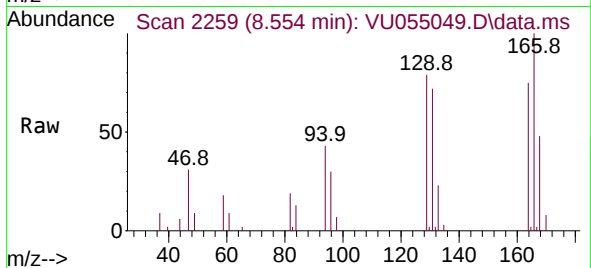
Tgt Ion: 63 Resp: 9180
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#



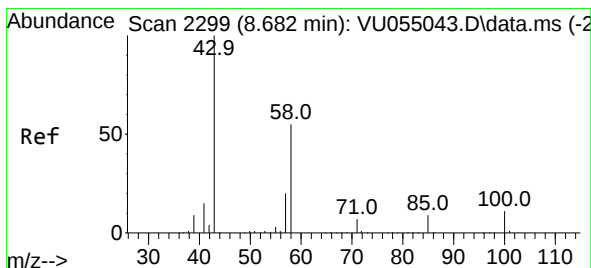
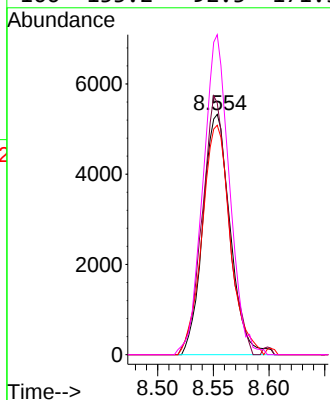
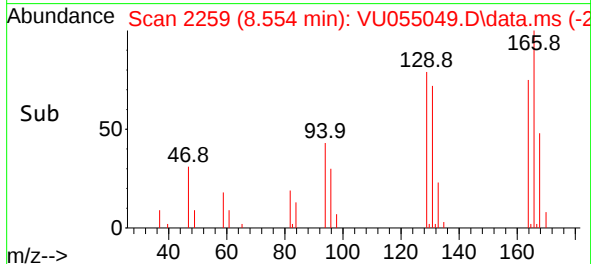


#47
Tetrachloroethene
Concen: 1.117 ug/L
RT: 8.554 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU055049.D
Acq: 01 Sep 2023 18:50

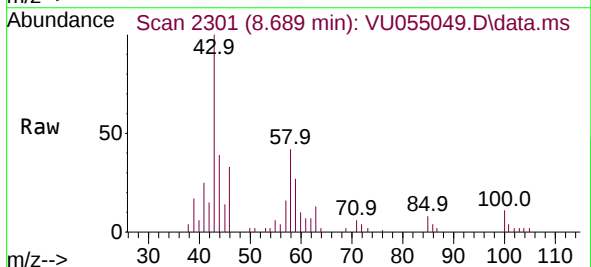
Instrument :
MSVOA_U
ClientSampleId :



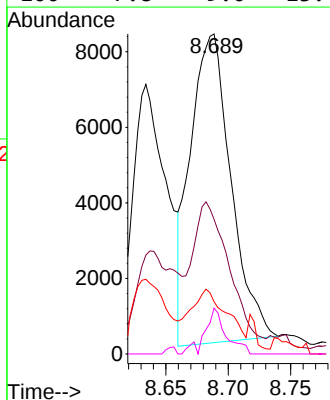
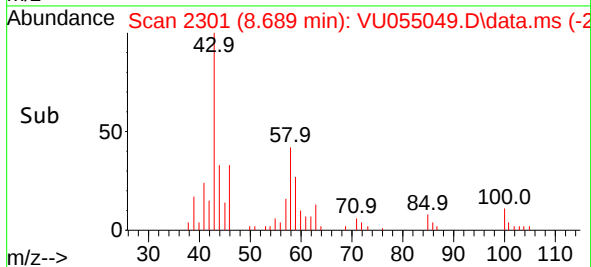
Tgt Ion:164 Resp: 9092
Ion Ratio Lower Upper
164 100
129 104.8 69.2 128.6
131 95.5 68.8 127.8
166 133.2 92.3 171.5

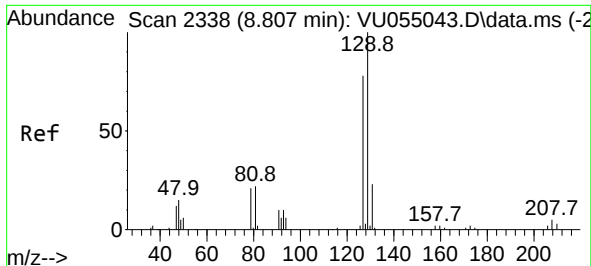


#48
2-Hexanone
Concen: 3.590 ug/L
RT: 8.689 min Scan# 2301
Delta R.T. 0.006 min
Lab File: VU055049.D
Acq: 01 Sep 2023 18:50



Tgt Ion: 43 Resp: 18507
Ion Ratio Lower Upper
43 100
58 47.4 44.0 66.0
57 20.3 16.2 24.2
100 7.8 9.0 13.4#





#49

Dibromochloromethane

Concen: 1.107 ug/L

RT: 8.550 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU055049.D

Acq: 01 Sep 2023 18:50

Instrument :

MSVOA_U

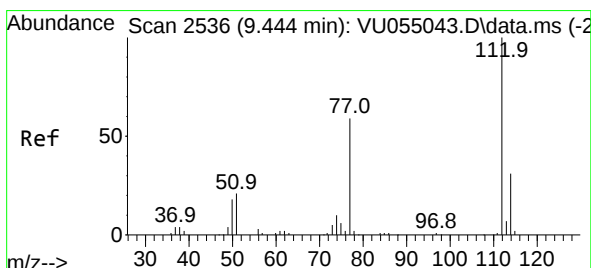
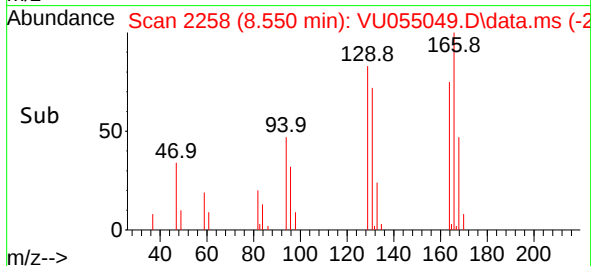
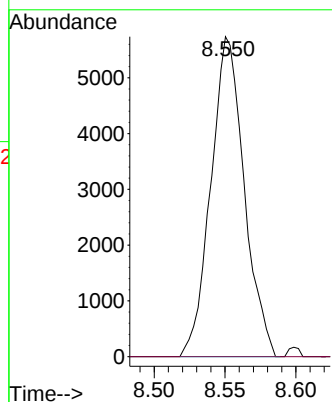
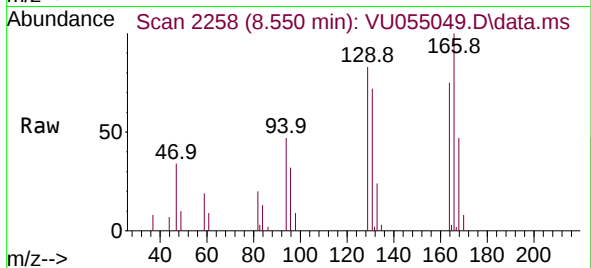
ClientSampleId :

Tgt Ion:129 Resp: 9390

Ion Ratio Lower Upper

129 100

127 0.0 55.9 103.7#



#51

Chlorobenzene

Concen: 0.238 ug/L

RT: 9.447 min Scan# 2537

Delta R.T. 0.003 min

Lab File: VU055049.D

Acq: 01 Sep 2023 18:50

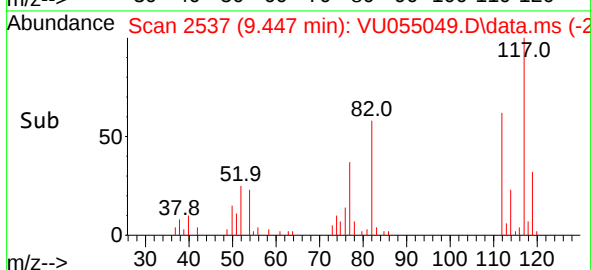
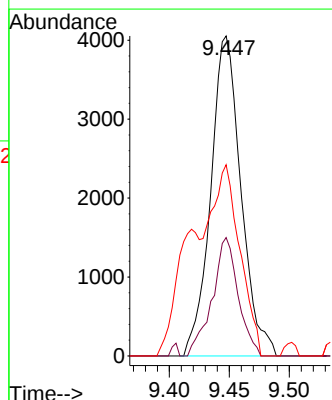
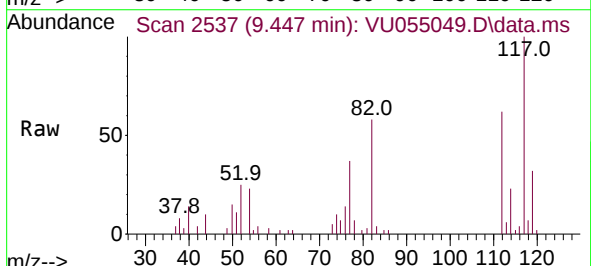
Tgt Ion:112 Resp: 7112

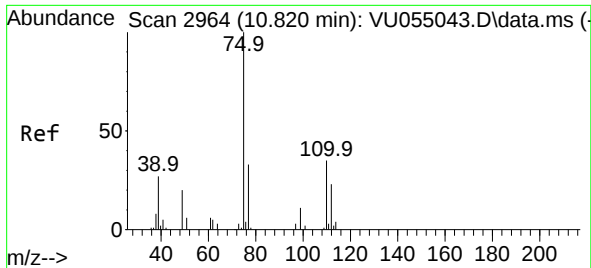
Ion Ratio Lower Upper

112 100

114 37.0 21.7 40.3

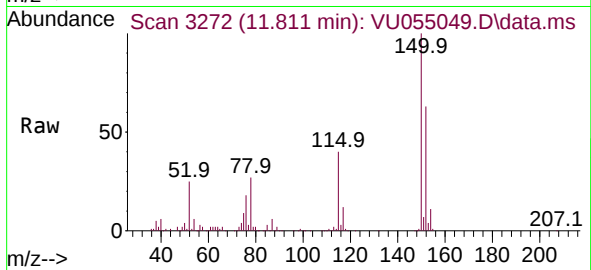
77 59.8 48.6 72.8





#61
 1,2,3-Trichloropropane
 Concen: 2.119 ug/L
 RT: 11.811 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU055049.D
 Acq: 01 Sep 2023 18:50

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 14462
 Ion Ratio Lower Upper
 75 100
 110 1.6 28.2 42.2#
 77 34.4 26.2 39.4

