

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102823\
 Data File : VU055964.D
 Acq On : 28 Oct 2023 11:14
 Operator : MD/SY
 Sample : 04995-11
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 30 04:52:05 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)

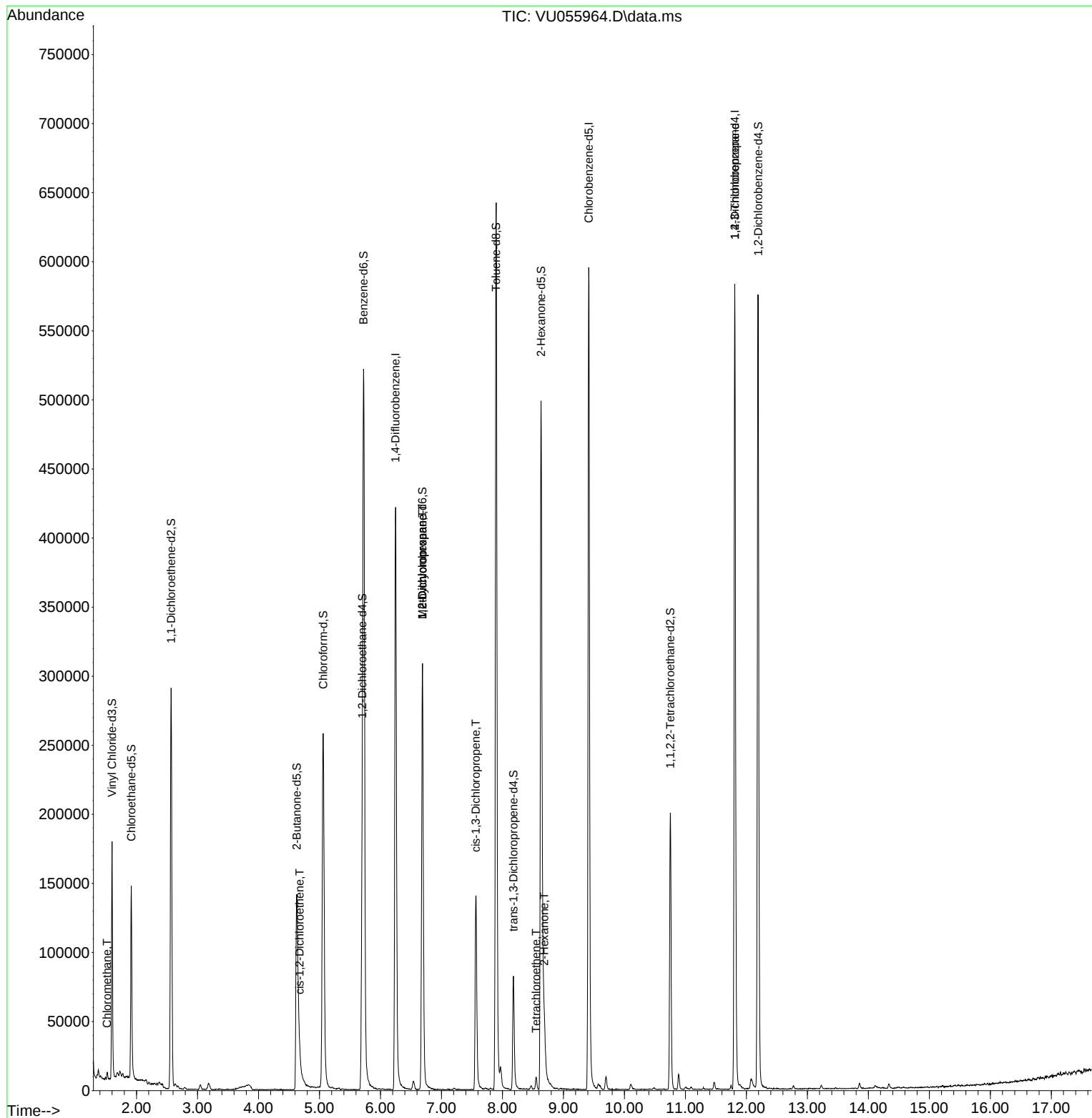
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	364505	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	355862	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	162764	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	121129	4.201	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.000%
7) Chloroethane-d5	1.914	69	106360	4.732	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.600%
11) 1,1-Dichloroethene-d2	2.567	65	56493	4.615	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.200%
20) 2-Butanone-d5	4.628	46	227960	44.316	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.640%
24) Chloroform-d	5.062	84	253624	4.747	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
26) 1,2-Dichloroethane-d4	5.701	65	114607	4.403	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
32) Benzene-d6	5.724	84	526128	4.963	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.200%
36) 1,2-Dichloropropane-d6	6.689	67	159008	5.060	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.200%
41) Toluene-d8	7.898	98	456270	4.745	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
43) trans-1,3-Dichloroprop...	8.180	79	52063	4.236	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.800%
46) 2-Hexanone-d5	8.634	63	183464	58.805	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.620%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	104637	4.572	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.400%
66) 1,2-Dichlorobenzene-d4	12.193	152	160478	5.285	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.518	50	3589	0.181	ug/L	94
22) cis-1,2-Dichloroethene	4.673	96	2847	0.134	ug/L	90
35) Methylcyclohexane	6.689	83	38014	1.282	ug/L #	18
37) 1,2-Dichloropropane	6.689	63	16833	0.807	ug/L #	89
39) cis-1,3-Dichloropropene	7.563	75	3852	0.130	ug/L #	64
47) Tetrachloroethene	8.553	164	2106	0.137	ug/L	85
48) 2-Hexanone	8.685	43	19679	2.490	ug/L #	75
61) 1,2,3-Trichloropropane	11.811	75	18926	1.694	ug/L #	67

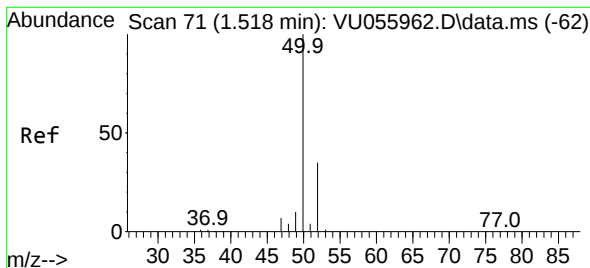
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.181 ug/L

RT: 1.518 min Scan# 71

Delta R.T. -0.000 min

Lab File: VU055964.D

Acq: 28 Oct 2023 11:14

Instrument :

MSVOA_U

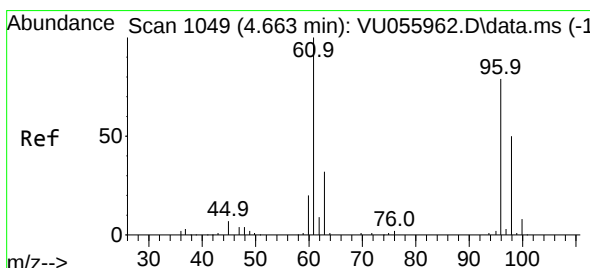
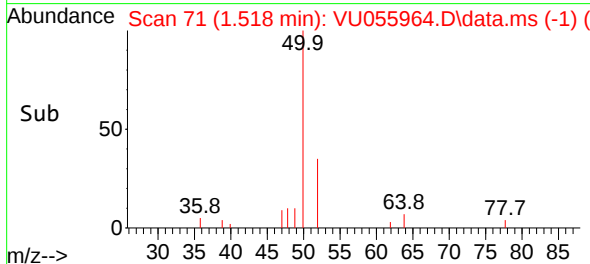
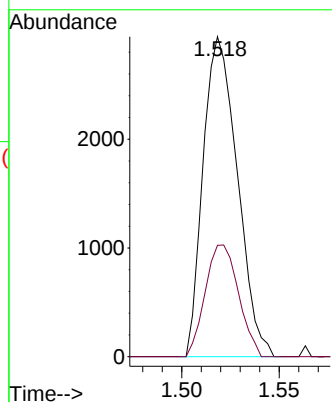
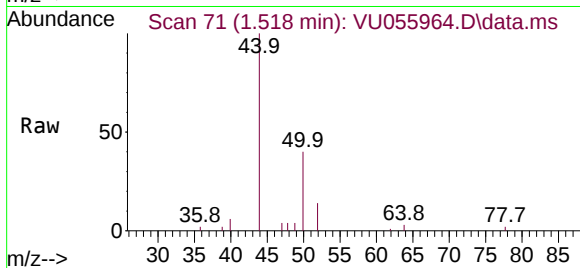
ClientSampleId :

Tgt Ion: 50 Resp: 3589

Ion Ratio Lower Upper

50 100

52 34.8 22.0 40.8



#22

cis-1,2-Dichloroethene

Concen: 0.134 ug/L

RT: 4.673 min Scan# 1052

Delta R.T. 0.010 min

Lab File: VU055964.D

Acq: 28 Oct 2023 11:14

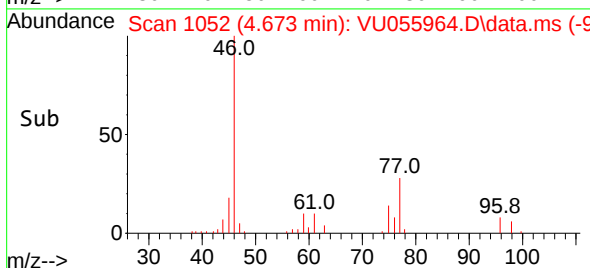
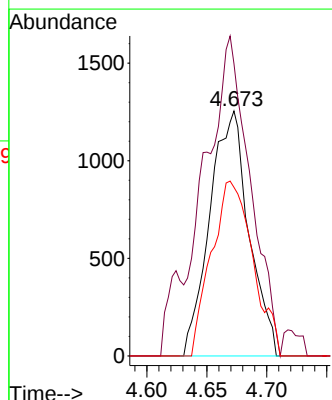
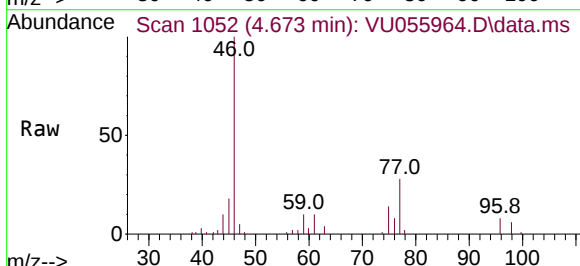
Tgt Ion: 96 Resp: 2847

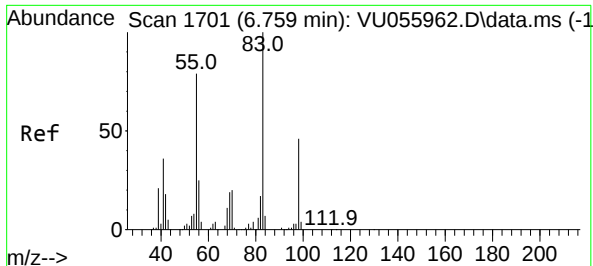
Ion Ratio Lower Upper

96 100

61 119.3 93.8 174.2

98 68.8 45.6 84.8

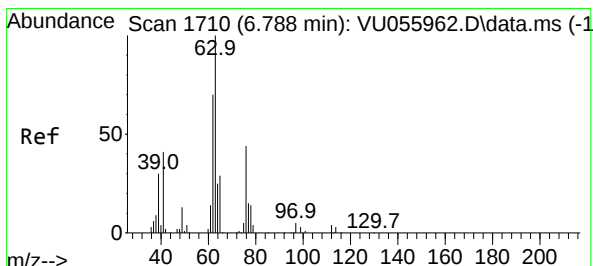
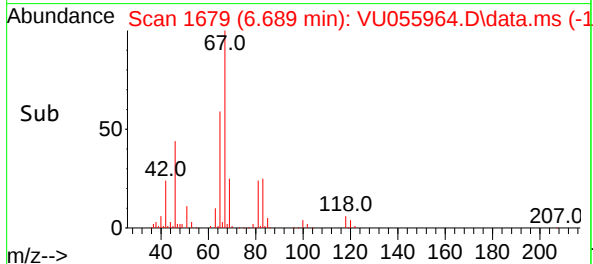
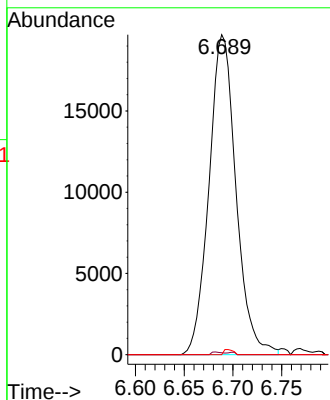
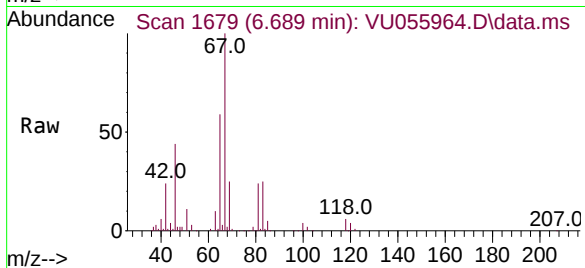




#35
Methylcyclohexane
Concen: 1.282 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.071 min
Lab File: VU055964.D
Acq: 28 Oct 2023 11:14

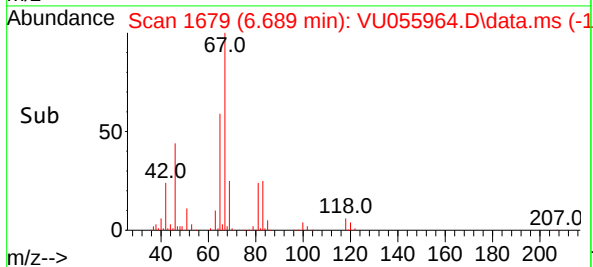
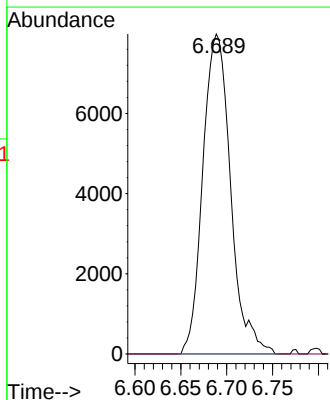
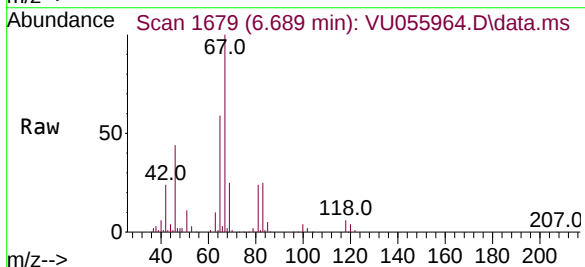
Instrument :
MSVOA_U
ClientSampleId :

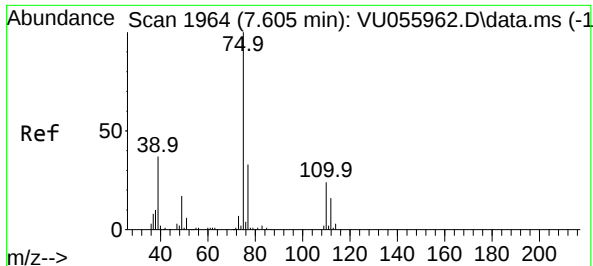
Tgt Ion: 83 Resp: 38014
Ion Ratio Lower Upper
83 100
55 0.2 62.4 93.6#
98 0.5 37.4 56.2#



#37
1,2-Dichloropropane
Concen: 0.807 ug/L
RT: 6.689 min Scan# 1679
Delta R.T. -0.100 min
Lab File: VU055964.D
Acq: 28 Oct 2023 11:14

Tgt Ion: 63 Resp: 16833
Ion Ratio Lower Upper
63 100
112 0.3 3.1 4.7#

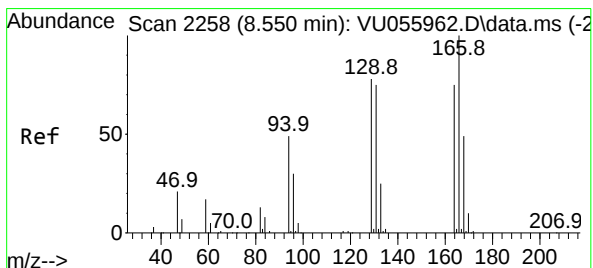
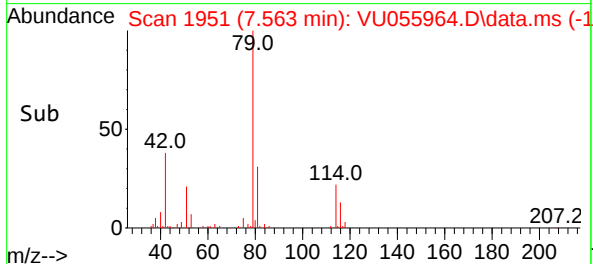
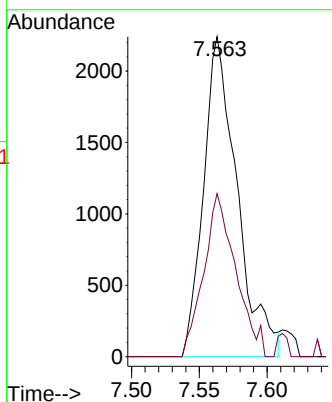
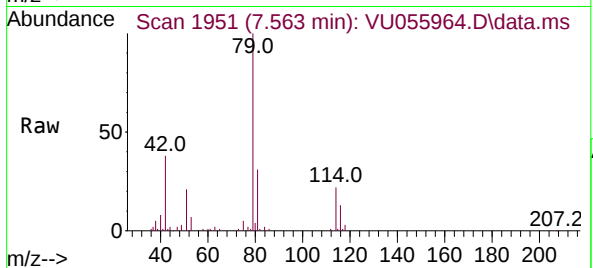




#39
cis-1,3-Dichloropropene
Concen: 0.130 ug/L
RT: 7.563 min Scan# 1964
Delta R.T. -0.042 min
Lab File: VU055964.D
Acq: 28 Oct 2023 11:14

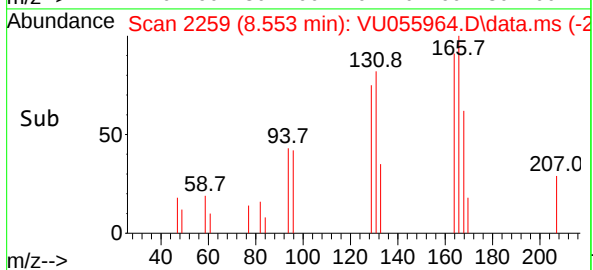
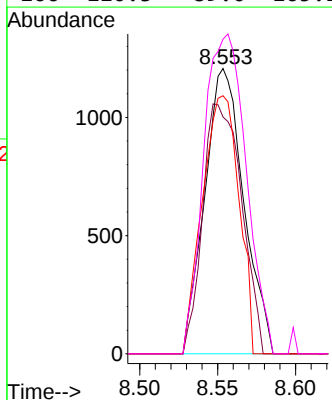
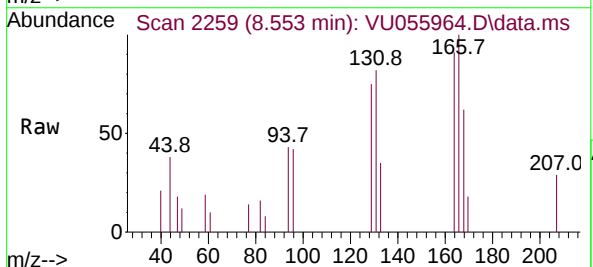
Instrument :
MSVOA_U
ClientSampleId :

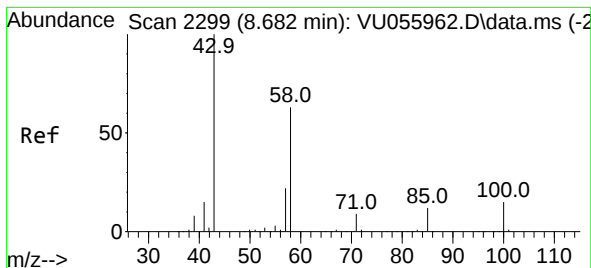
Tgt Ion: 75 Resp: 3852
Ion Ratio Lower Upper
75 100
77 51.0 21.7 40.3#



#47
Tetrachloroethene
Concen: 0.137 ug/L
RT: 8.553 min Scan# 2259
Delta R.T. 0.003 min
Lab File: VU055964.D
Acq: 28 Oct 2023 11:14

Tgt Ion: 164 Resp: 2106
Ion Ratio Lower Upper
164 100
129 83.0 72.2 134.0
131 90.5 70.8 131.6
166 110.3 89.0 165.2





#48

2-Hexanone

Concen: 2.490 ug/L

RT: 8.685 min Scan# 21

Delta R.T. 0.003 min

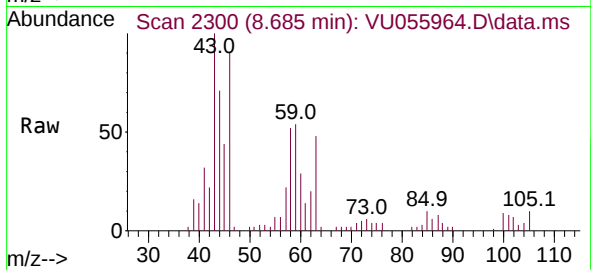
Lab File: VU055964.D

Acq: 28 Oct 2023 11:14

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 43 Resp: 19679

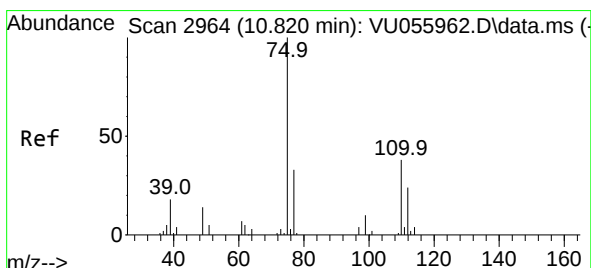
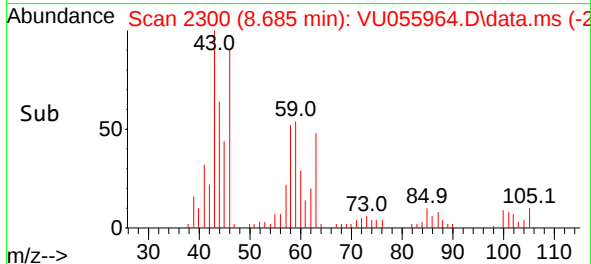
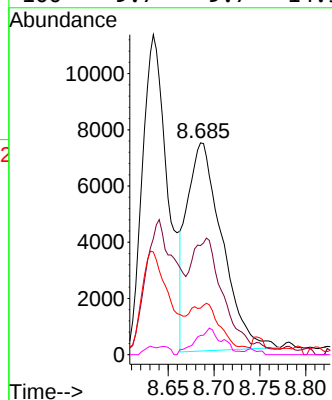
Ion Ratio Lower Upper

43 100

58 45.0 49.5 74.3#

57 0.0 16.9 25.3#

100 9.7 9.7 14.5



#61

1,2,3-Trichloropropane

Concen: 1.694 ug/L

RT: 11.811 min Scan# 3272

Delta R.T. 0.990 min

Lab File: VU055964.D

Acq: 28 Oct 2023 11:14

Tgt Ion: 75 Resp: 18926

Ion Ratio Lower Upper

75 100

110 2.9 29.0 43.6#

77 33.4 24.5 36.7

