

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090123\
 Data File : VU055075.D
 Acq On : 02 Sep 2023 05:32
 Operator : MD/SY
 Sample : 04250-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 04 01:35:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 02 00:23:04 2023
 Response via : Initial Calibration

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

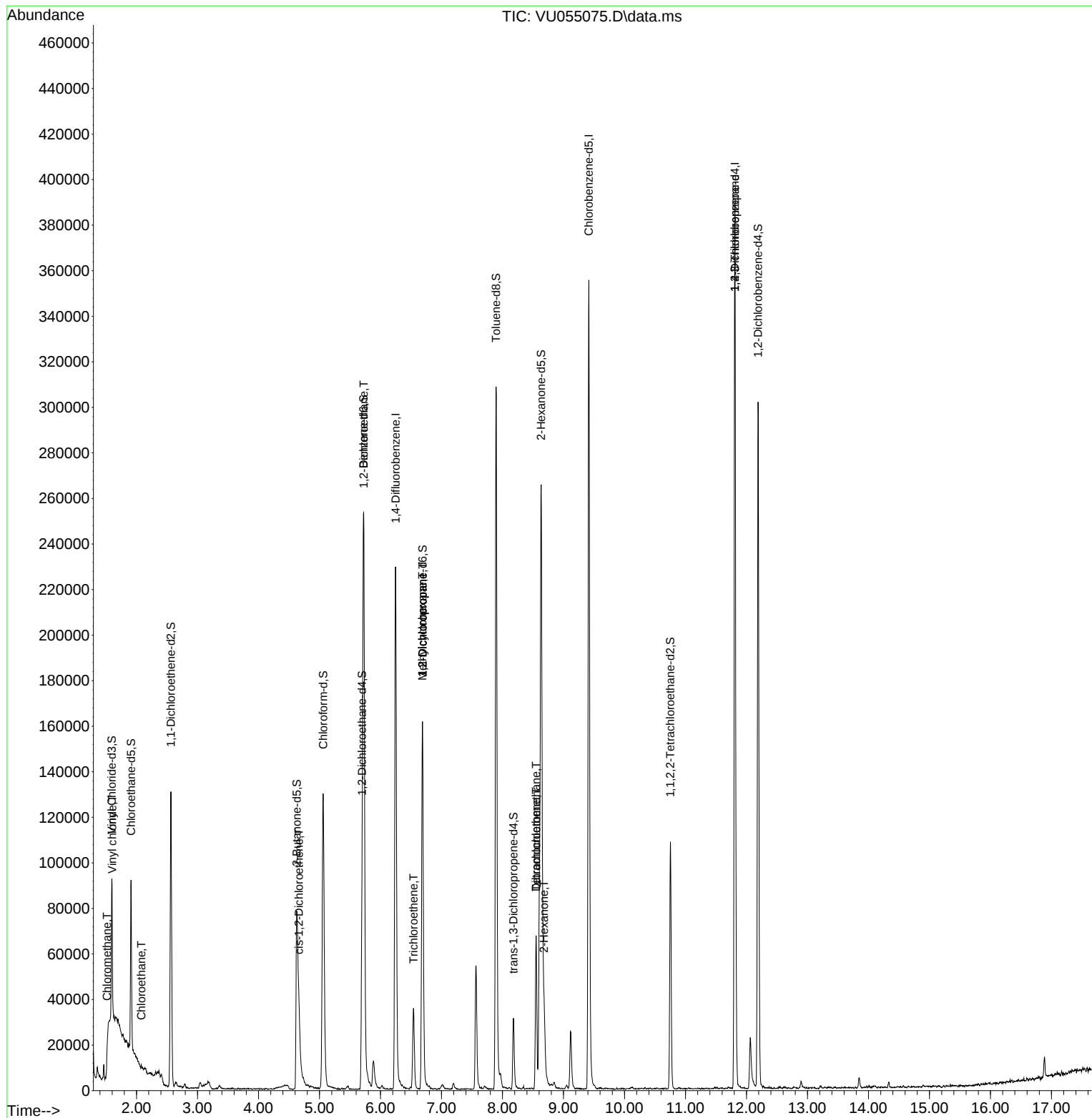
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	188351	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	192890	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	98090	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	39119	4.431	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.600%
7) Chloroethane-d5	1.911	69	49790	4.873	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.400%
11) 1,1-Dichloroethene-d2	2.563	65	24020	4.775	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.600%
20) 2-Butanone-d5	4.627	46	137261	53.582	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.160%
24) Chloroform-d	5.058	84	120813	5.157	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.200%
26) 1,2-Dichloroethane-d4	5.698	65	61729	5.267	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.400%
32) Benzene-d6	5.724	84	237946	4.997	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
36) 1,2-Dichloropropane-d6	6.688	67	76174	5.030	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.600%
41) Toluene-d8	7.894	98	210660	4.803	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
43) trans-1,3-Dichloroprop...	8.180	79	18607	4.462	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.200%
46) 2-Hexanone-d5	8.634	63	85165	50.301	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.600%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	53033	4.979	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	75838	5.297	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.000%
Target Compounds						Qvalue
3) Chloromethane	1.518	50	2282	0.205	ug/L	98
5) Vinyl chloride	1.602	62	1374	0.117	ug/L #	1
8) Chloroethane	2.078	64	1072	0.140	ug/L #	43
22) cis-1,2-Dichloroethene	4.663	96	6040	0.559	ug/L	88
27) 1,2-Dichloroethane	5.727	62	1646	0.136	ug/L #	76
34) Trichloroethene	6.541	95	11555	1.013	ug/L	94
35) Methylcyclohexane	6.685	83	17926	1.120	ug/L #	20
37) 1,2-Dichloropropane	6.688	63	8041	0.719	ug/L #	88
47) Tetrachloroethene	8.550	164	13841	1.755	ug/L	97
48) 2-Hexanone	8.682	43	17749	3.554	ug/L #	85
49) Dibromochloromethane	8.550	129	13626	1.658	ug/L #	9
61) 1,2,3-Trichloropropane	11.810	75	13922	2.139	ug/L #	69

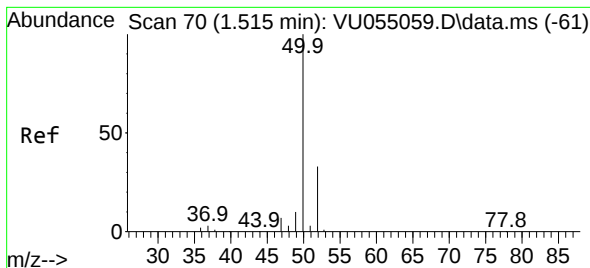
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.205 ug/L

RT: 1.518 min Scan# 70

Delta R.T. 0.003 min

Lab File: VU055075.D

Acq: 02 Sep 2023 05:32

Instrument :

MSVOA_U

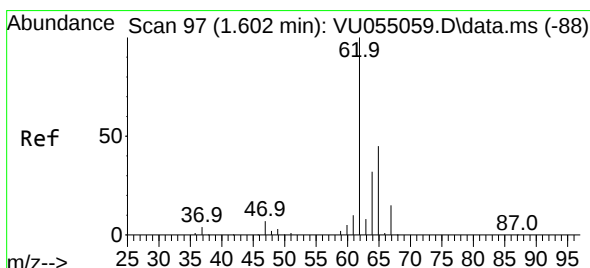
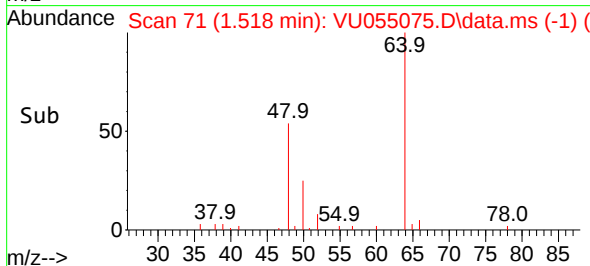
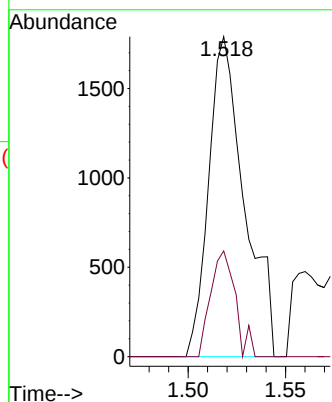
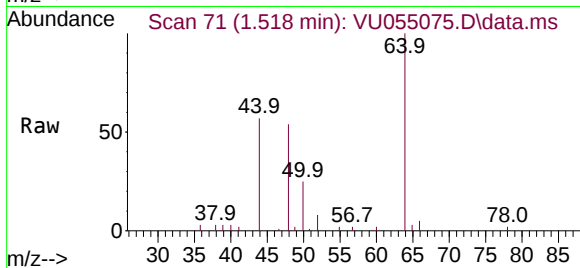
ClientSampleId :

Tgt Ion: 50 Resp: 2282

Ion Ratio Lower Upper

50 100

52 33.0 22.5 41.7



#5

Vinyl chloride

Concen: 0.117 ug/L

RT: 1.602 min Scan# 97

Delta R.T. -0.000 min

Lab File: VU055075.D

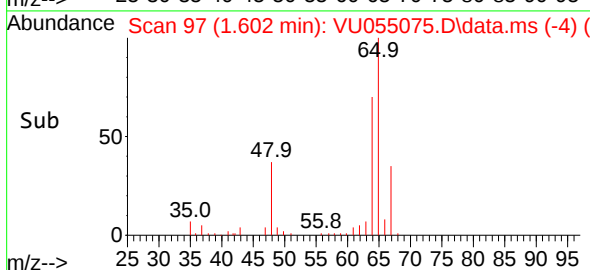
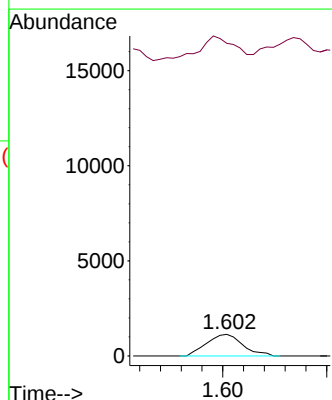
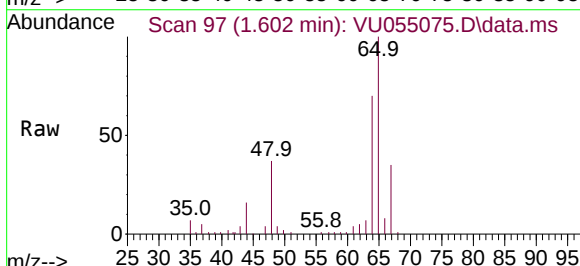
Acq: 02 Sep 2023 05:32

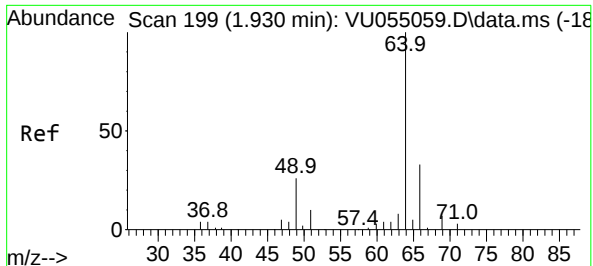
Tgt Ion: 62 Resp: 1374

Ion Ratio Lower Upper

62 100

64 1443.4 24.2 45.0#

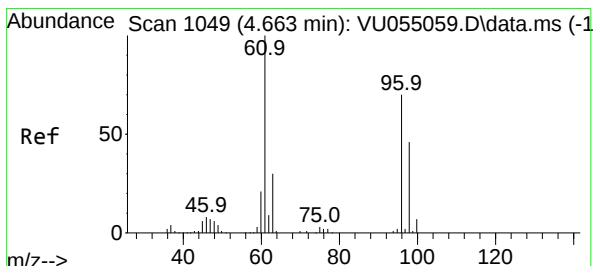
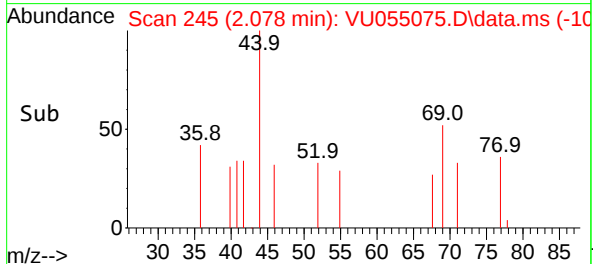
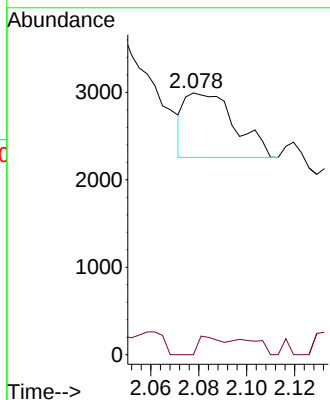
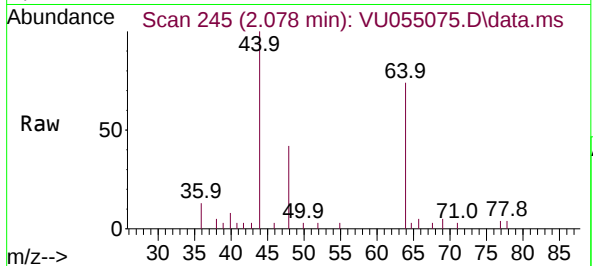




#8
Chloroethane
Concen: 0.140 ug/L
RT: 2.078 min Scan# 24
Delta R.T. 0.148 min
Lab File: VU055075.D
Acq: 02 Sep 2023 05:32

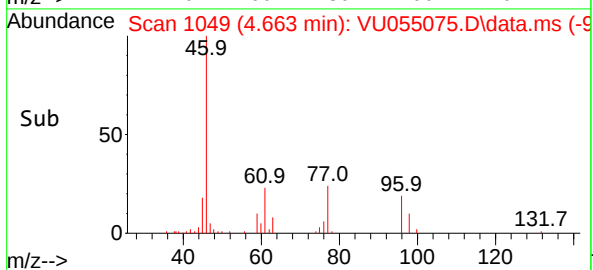
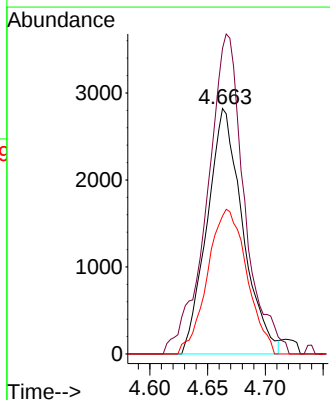
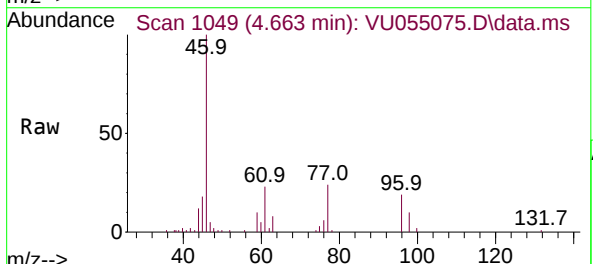
Instrument :
MSVOA_U
ClientSampleId :

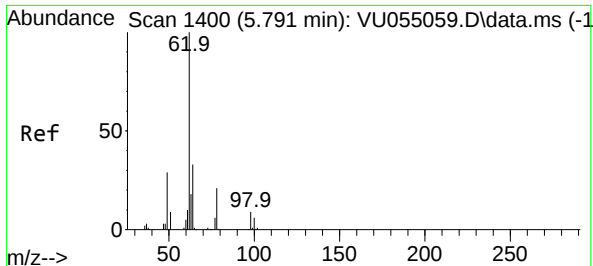
Tgt Ion: 64 Resp: 1072
Ion Ratio Lower Upper
64 100
66 0.0 22.4 41.6#



#22
cis-1,2-Dichloroethene
Concen: 0.559 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VU055075.D
Acq: 02 Sep 2023 05:32

Tgt Ion: 96 Resp: 6040
Ion Ratio Lower Upper
96 100
61 124.5 97.2 180.4
98 56.2 46.1 85.7

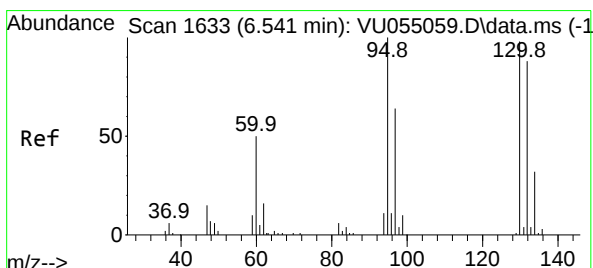
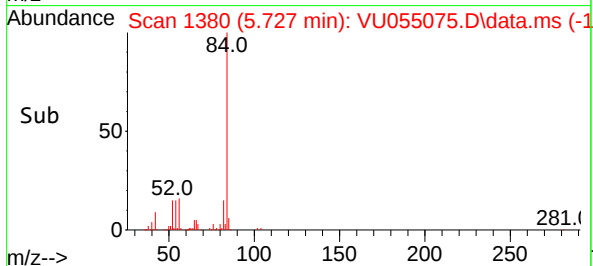
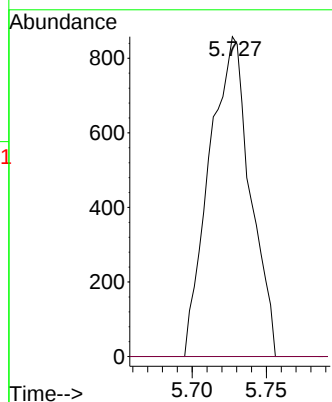
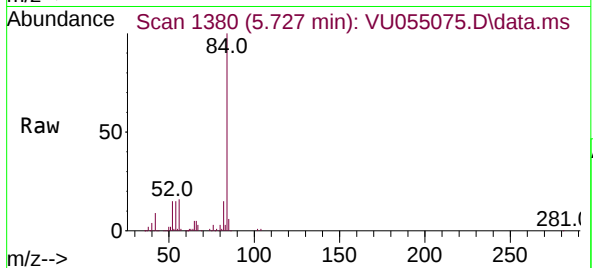




#27
1,2-Dichloroethane
Concen: 0.136 ug/L
RT: 5.727 min Scan# 11
Delta R.T. -0.064 min
Lab File: VU055075.D
Acq: 02 Sep 2023 05:32

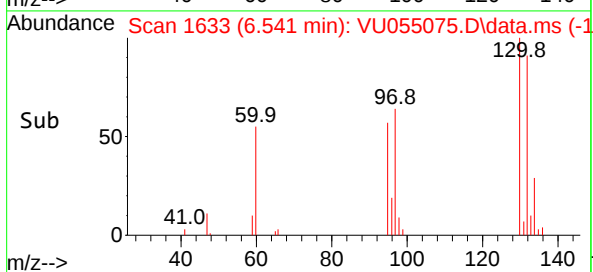
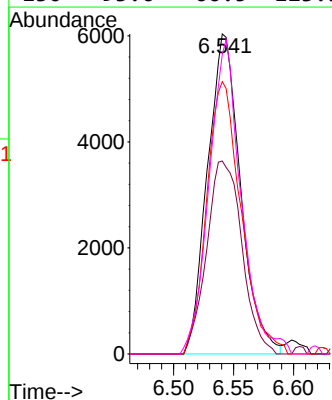
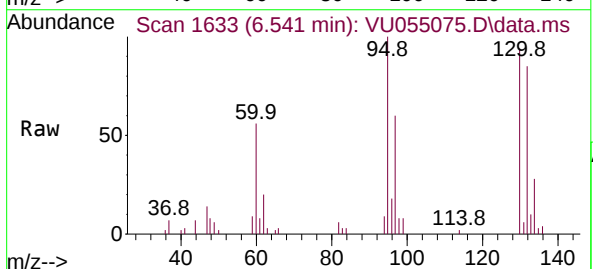
Instrument :
MSVOA_U
ClientSampleId :

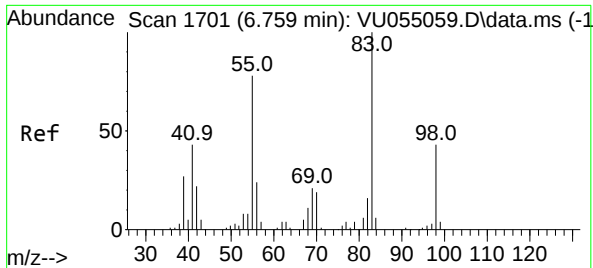
Tgt Ion: 62 Resp: 1646
Ion Ratio Lower Upper
62 100
98 0.0 6.9 10.3#



#34
Trichloroethene
Concen: 1.013 ug/L
RT: 6.541 min Scan# 1633
Delta R.T. -0.000 min
Lab File: VU055075.D
Acq: 02 Sep 2023 05:32

Tgt Ion: 95 Resp: 11555
Ion Ratio Lower Upper
95 100
97 60.3 44.7 83.1
132 85.1 66.6 123.6
130 93.6 66.5 123.5

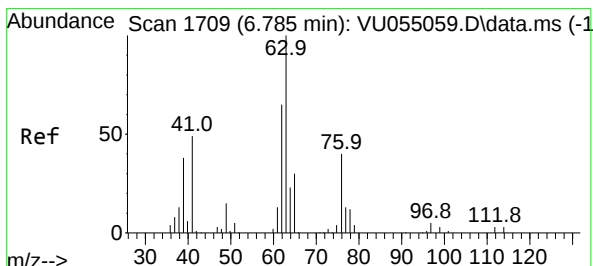
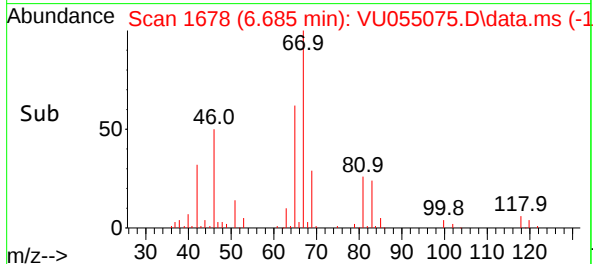
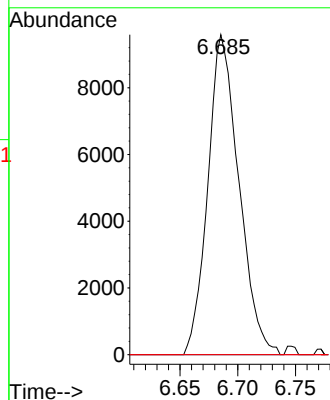
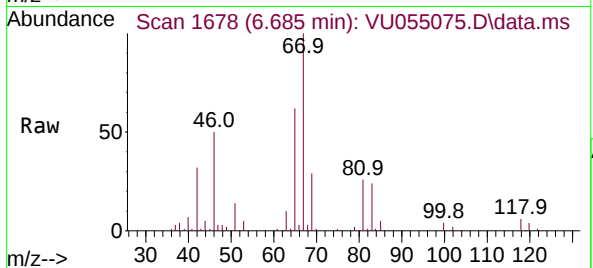




#35
Methylcyclohexane
Concen: 1.120 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.074 min
Lab File: VU055075.D
Acq: 02 Sep 2023 05:32

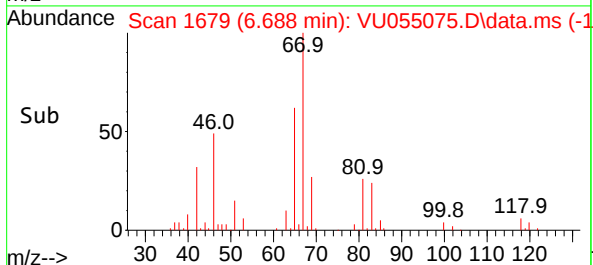
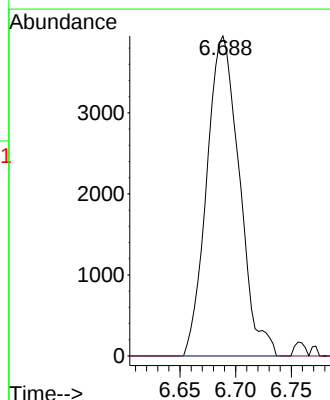
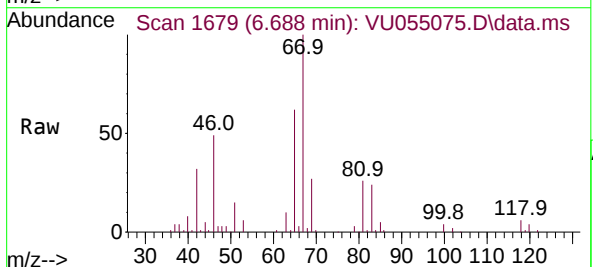
Instrument :
MSVOA_U
ClientSampleId :

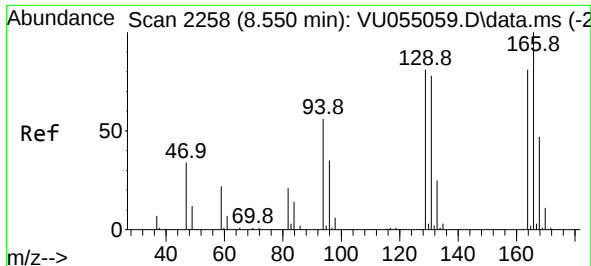
Tgt Ion: 83 Resp: 17926
Ion Ratio Lower Upper
83 100
55 0.0 60.4 90.6#
98 1.3 35.3 52.9#



#37
1,2-Dichloropropane
Concen: 0.719 ug/L
RT: 6.688 min Scan# 1679
Delta R.T. -0.097 min
Lab File: VU055075.D
Acq: 02 Sep 2023 05:32

Tgt Ion: 63 Resp: 8041
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#





#47

Tetrachloroethene

Concen: 1.755 ug/L

RT: 8.550 min Scan# 21

Delta R.T. -0.000 min

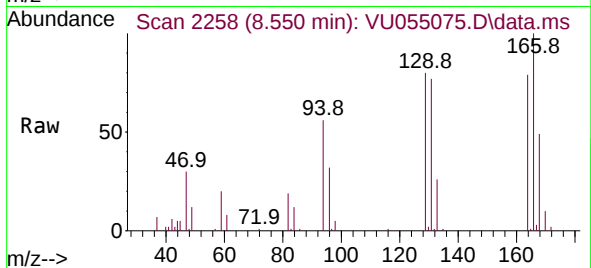
Lab File: VU055075.D

Acq: 02 Sep 2023 05:32

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:164 Resp: 13841

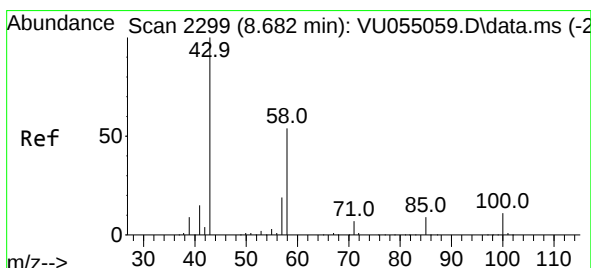
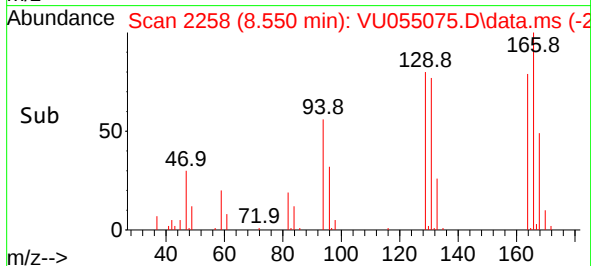
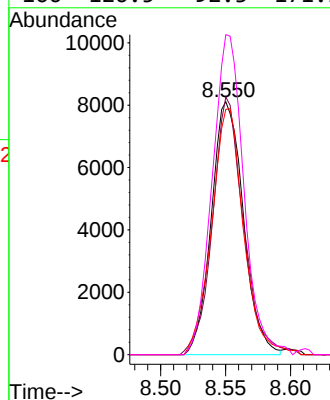
Ion Ratio Lower Upper

164 100

129 101.8 69.2 128.6

131 97.0 68.8 127.8

166 126.5 92.3 171.5



#48

2-Hexanone

Concen: 3.554 ug/L

RT: 8.682 min Scan# 2299

Delta R.T. -0.000 min

Lab File: VU055075.D

Acq: 02 Sep 2023 05:32

Tgt Ion: 43 Resp: 17749

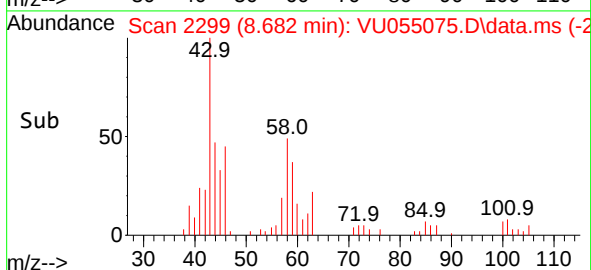
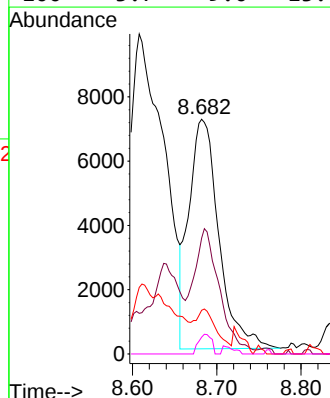
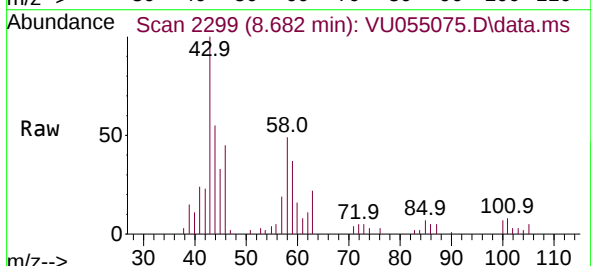
Ion Ratio Lower Upper

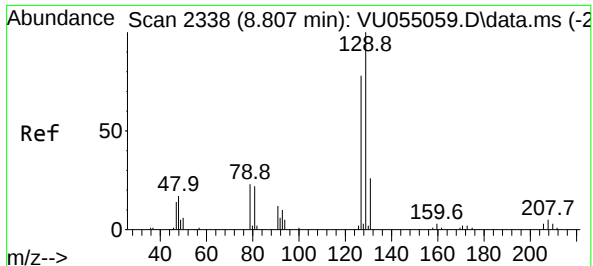
43 100

58 47.1 44.0 66.0

57 8.9 16.2 24.2#

100 3.7 9.0 13.4#





#49

Dibromochloromethane

Concen: 1.658 ug/L

RT: 8.550 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU055075.D

Acq: 02 Sep 2023 05:32

Instrument :

MSVOA_U

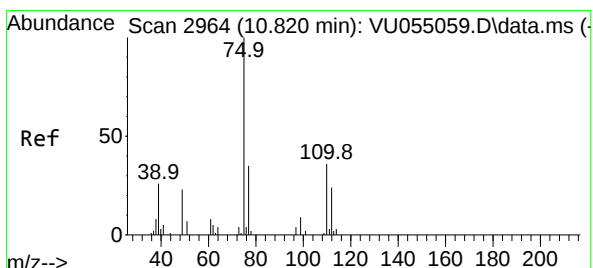
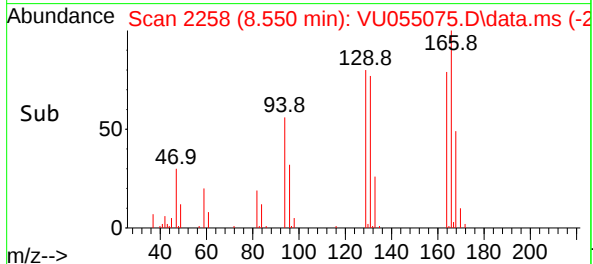
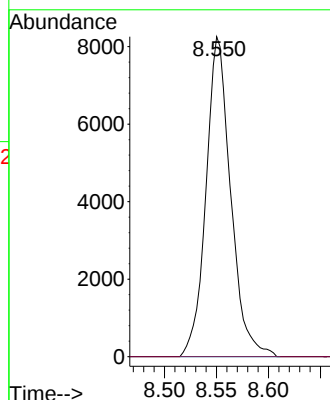
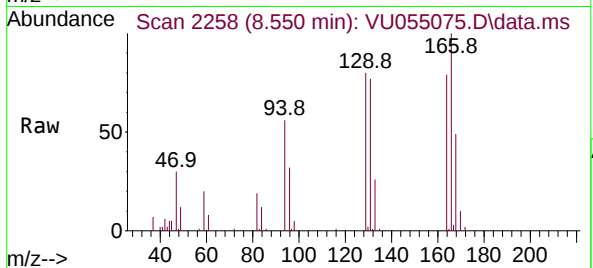
ClientSampleId :

Tgt Ion:129 Resp: 13626

Ion Ratio Lower Upper

129 100

127 0.0 55.9 103.7#



#61

1,2,3-Trichloropropane

Concen: 2.139 ug/L

RT: 11.810 min Scan# 3272

Delta R.T. 0.990 min

Lab File: VU055075.D

Acq: 02 Sep 2023 05:32

Tgt Ion: 75 Resp: 13922

Ion Ratio Lower Upper

75 100

110 2.3 28.2 42.2#

77 35.0 26.2 39.4

