

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090723\
 Data File : VU055185.D
 Acq On : 07 Sep 2023 13:50
 Operator : MD/SY
 Sample : 04286-11DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

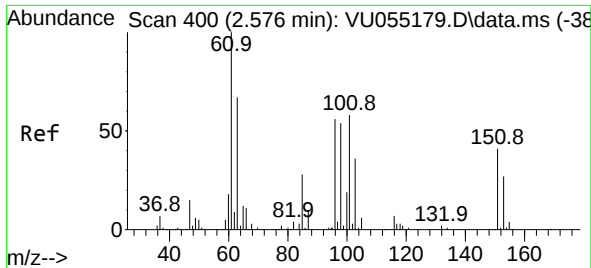
Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 08 05:06:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 08 05:04:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	162480	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	171726	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	84597	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	26666	3.502	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.000%
7) Chloroethane-d5	1.907	69	35026	3.974	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.400%
11) 1,1-Dichloroethene-d2	2.560	65	17963	4.140	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.800%
20) 2-Butanone-d5	4.624	46	119302	53.986	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.980%
24) Chloroform-d	5.062	84	97929	4.846	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
26) 1,2-Dichloroethane-d4	5.701	65	50898	5.035	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
32) Benzene-d6	5.727	84	184564	4.354	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
36) 1,2-Dichloropropane-d6	6.692	67	65341	4.846	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.000%
41) Toluene-d8	7.897	98	160149	4.101	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.000%
43) trans-1,3-Dichloroprop...	8.177	79	15277	4.115	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.200%
46) 2-Hexanone-d5	8.634	63	64398	42.723	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.440%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	47936	5.056	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.200%
66) 1,2-Dichlorobenzene-d4	12.193	152	56345	4.563	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.200%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.576	96	5493	0.731	ug/L #	1
16) Methylene chloride	3.042	84	10521	0.917	ug/L	95
22) cis-1,2-Dichloroethene	4.663	96	11812	1.266	ug/L	81
34) Trichloroethene	6.544	95	58265	5.736	ug/L	96
35) Methylcyclohexane	6.689	83	14063	0.987	ug/L #	21
37) 1,2-Dichloropropane	6.692	63	6783	0.682	ug/L #	89
47) Tetrachloroethene	8.553	164	2153	0.307	ug/L	94
48) 2-Hexanone	8.682	43	21052	4.735	ug/L #	83
49) Dibromochloromethane	8.550	129	1897	0.259	ug/L #	9
61) 1,2,3-Trichloropropane	11.811	75	11700	2.084	ug/L #	69

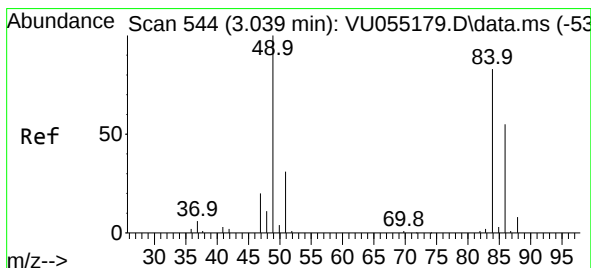
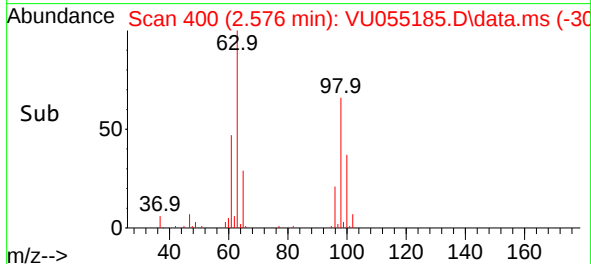
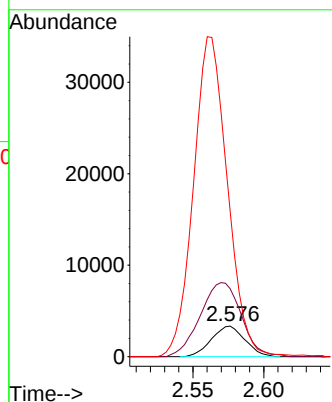
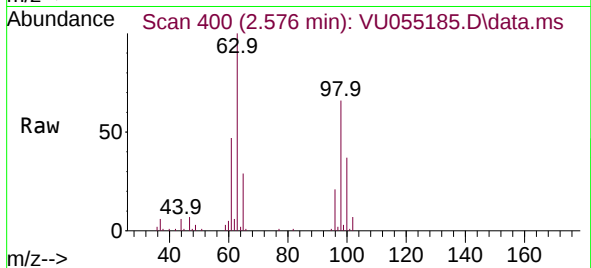
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#12
1,1-Dichloroethene
Concen: 0.731 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU055185.D
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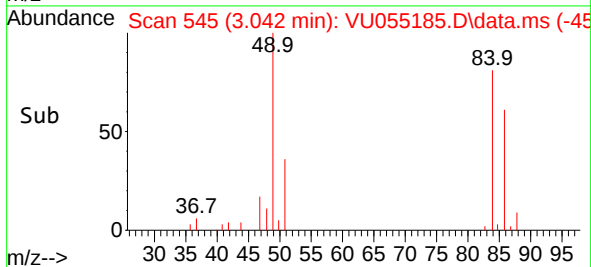
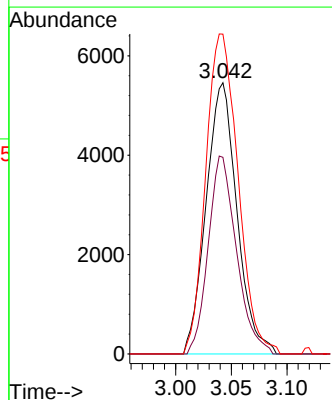
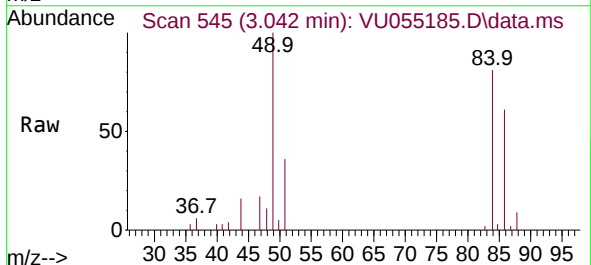
Instrument :
MSVOA_U
ClientSampleId :

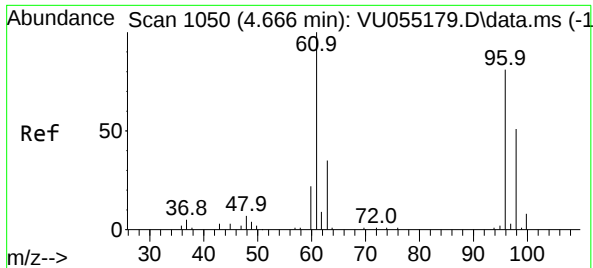
Tgt Ion: 96 Resp: 5493
Ion Ratio Lower Upper
96 100
61 222.4 120.8 224.4
63 477.4 94.5 175.5#



#16
Methylene chloride
Concen: 0.917 ug/L
RT: 3.042 min Scan# 545
Delta R.T. 0.003 min
Lab File: VU055185.D
Acq: 07 Sep 2023 13:50

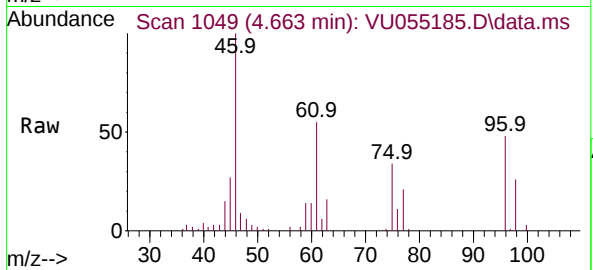
Tgt Ion: 84 Resp: 10521
Ion Ratio Lower Upper
84 100
86 72.5 43.4 80.6
49 124.0 87.7 162.9





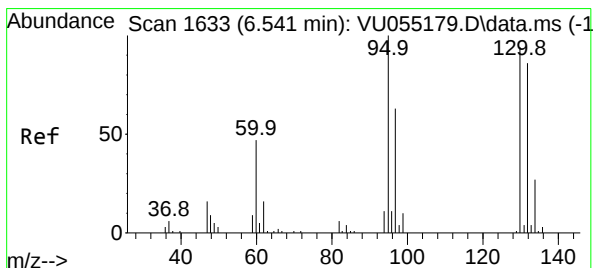
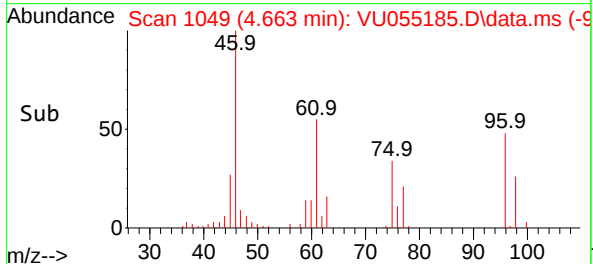
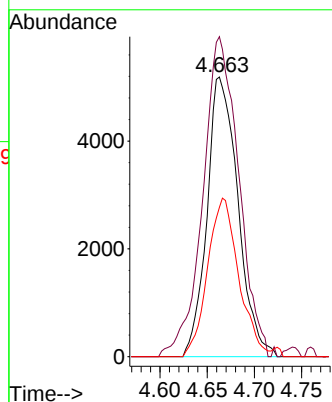
#22
cis-1,2-Dichloroethene
Concen: 1.266 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. -0.003 min
Lab File: VU055185.D
Acq: 07 Sep 2023 13:50

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 96 Resp: 11812

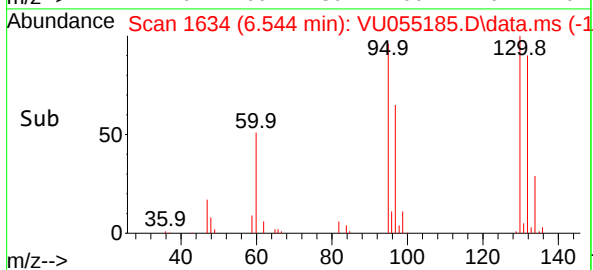
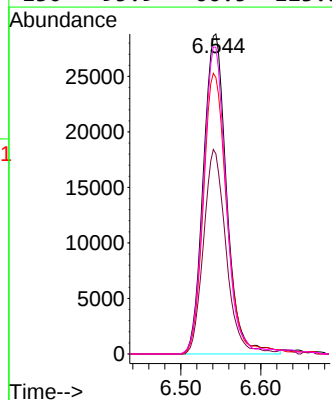
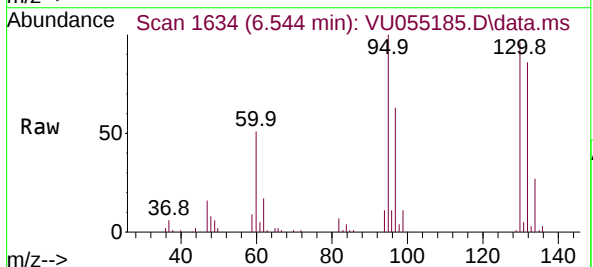
Ion	Ratio	Lower	Upper
96	100		
61	114.4	97.2	180.4
98	53.4	46.1	85.7

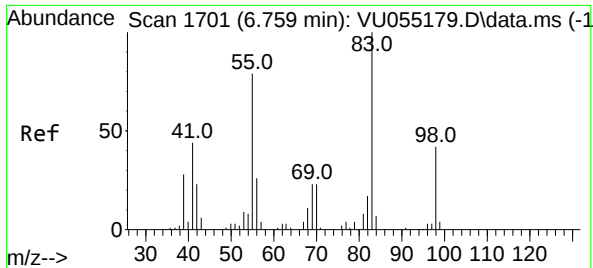


#34
Trichloroethene
Concen: 5.736 ug/L
RT: 6.544 min Scan# 1634
Delta R.T. 0.003 min
Lab File: VU055185.D
Acq: 07 Sep 2023 13:50

Tgt Ion: 95 Resp: 58265

Ion	Ratio	Lower	Upper
95	100		
97	62.5	44.7	83.1
132	86.4	66.6	123.6
130	95.9	66.5	123.5

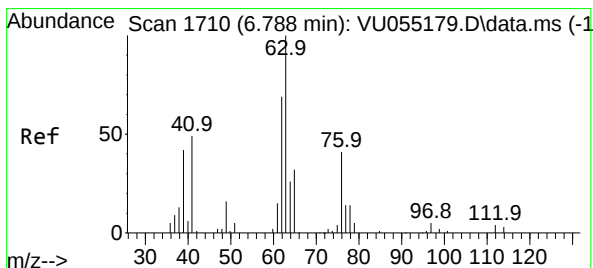
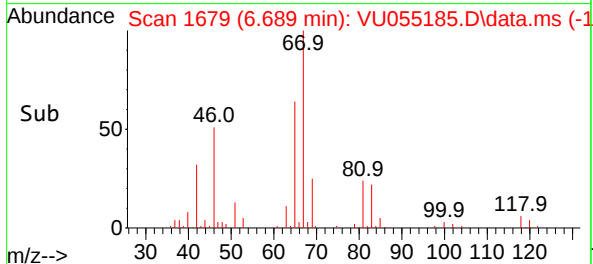
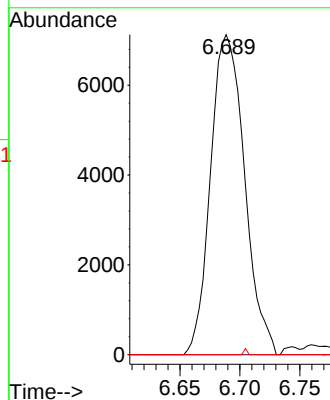
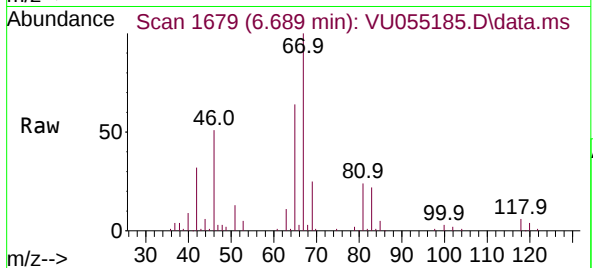




#35
Methylcyclohexane
Concen: 0.987 ug/L
RT: 6.689 min Scan# 1680
Delta R.T. -0.071 min
Lab File: VU055185.D
Acq: 07 Sep 2023 13:50

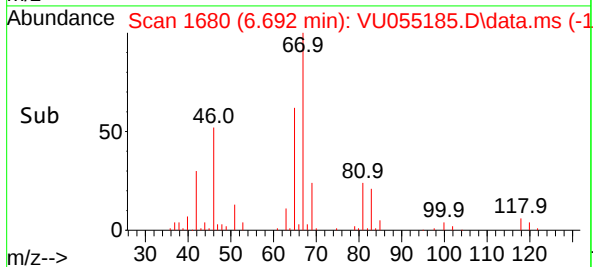
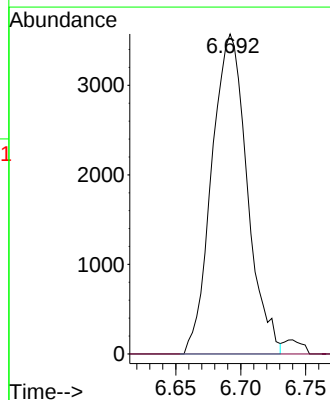
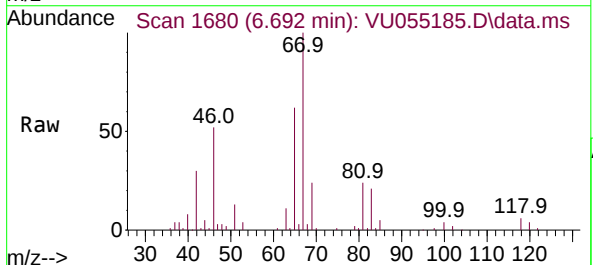
Instrument :
MSVOA_U
ClientSampleId :

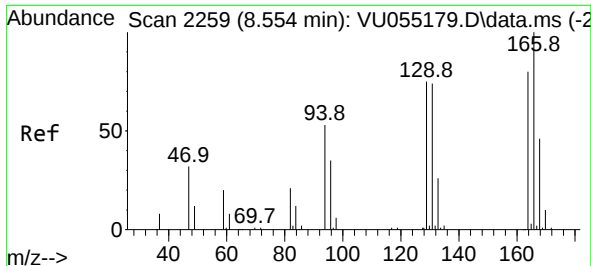
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.1	60.4	90.6#
98	3.9	35.3	52.9#



#37
1,2-Dichloropropane
Concen: 0.682 ug/L
RT: 6.692 min Scan# 1680
Delta R.T. -0.097 min
Lab File: VU055185.D
Acq: 07 Sep 2023 13:50

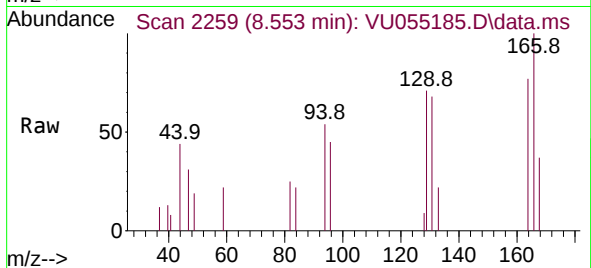
Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.4	3.2	4.8#



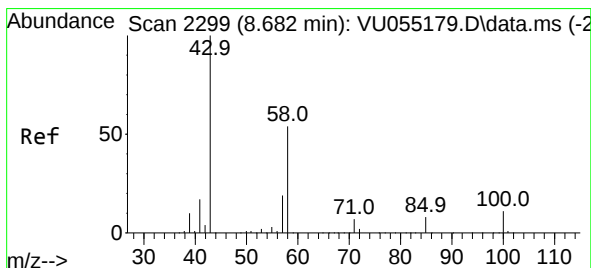
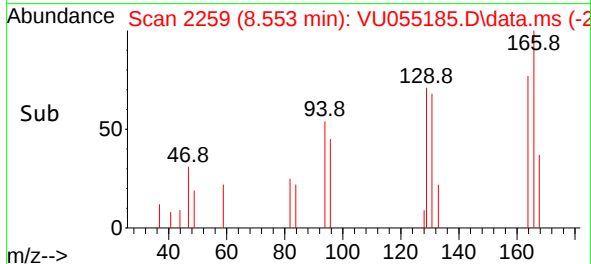
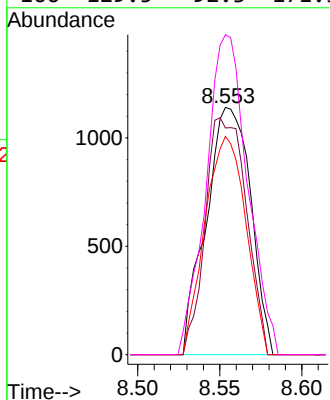


#47
Tetrachloroethene
Concen: 0.307 ug/L
RT: 8.553 min Scan# 2153
Delta R.T. -0.000 min
Lab File: VU055185.D
Acq: 07 Sep 2023 13:50

Instrument :
MSVOA_U
ClientSampleId :

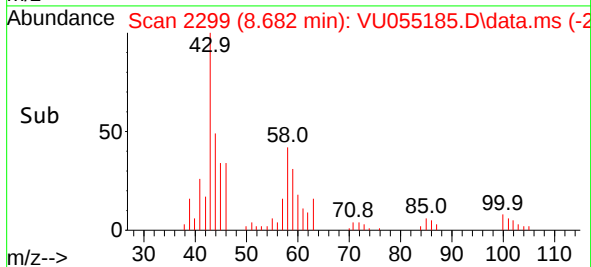
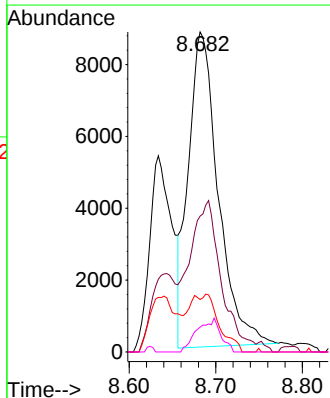
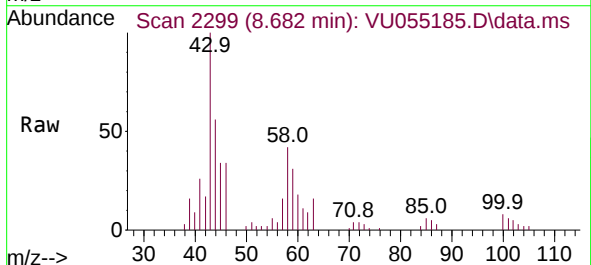


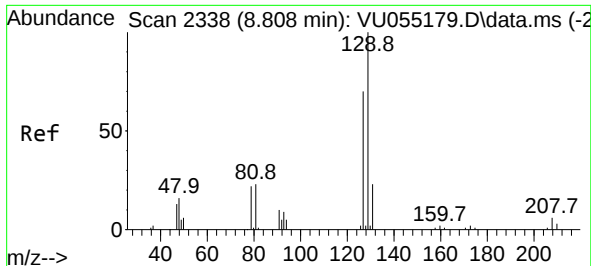
Tgt Ion:	164	Resp:	2153
Ion	Ratio	Lower	Upper
164	100		
129	91.8	69.2	128.6
131	88.3	68.8	127.8
166	129.5	92.3	171.5



#48
2-Hexanone
Concen: 4.735 ug/L
RT: 8.682 min Scan# 2299
Delta R.T. -0.000 min
Lab File: VU055185.D
Acq: 07 Sep 2023 13:50

Tgt Ion:	43	Resp:	21052
Ion	Ratio	Lower	Upper
43	100		
58	47.7	44.0	66.0
57	2.0	16.2	24.2#
100	8.4	9.0	13.4#





#49

Dibromochloromethane

Concen: 0.259 ug/L

RT: 8.550 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU055185.D

Acq: 07 Sep 2023 13:50

Instrument :

MSVOA_U

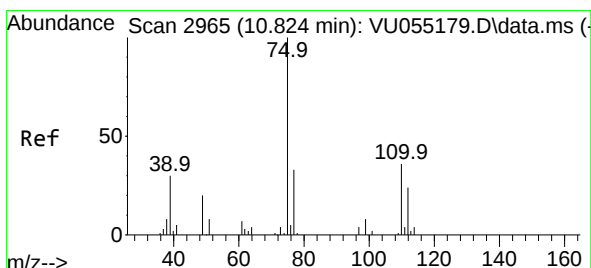
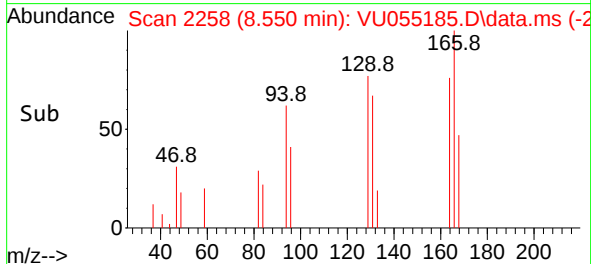
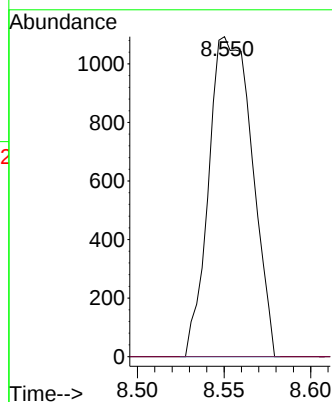
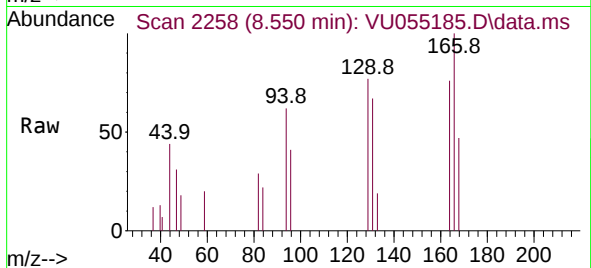
ClientSampleId :

Tgt Ion:129 Resp: 1897

Ion Ratio Lower Upper

129 100

127 0.0 55.9 103.7#



#61

1,2,3-Trichloropropane

Concen: 2.084 ug/L

RT: 11.811 min Scan# 3272

Delta R.T. 0.987 min

Lab File: VU055185.D

Acq: 07 Sep 2023 13:50

Tgt Ion: 75 Resp: 11700

Ion Ratio Lower Upper

75 100

110 2.6 28.2 42.2#

77 34.7 26.2 39.4

