

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061422\
 Data File : VU049124.D
 Acq On : 14 Jun 2022 19:19
 Operator : SY/MD
 Sample : N3278-20 40X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 15 03:19:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 15 03:15:08 2022
 Response via : Initial Calibration

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

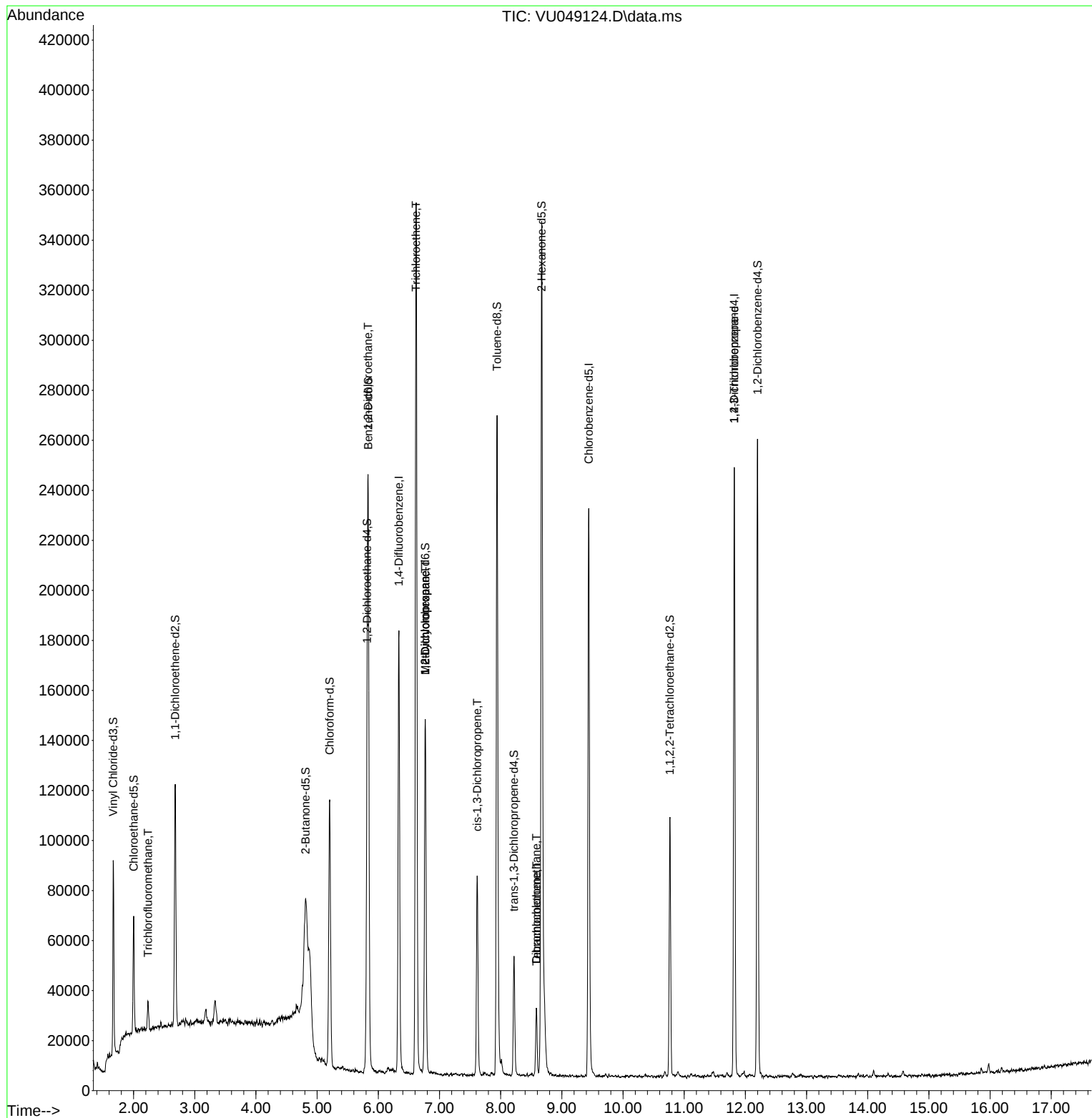
Internal Standards						
1) 1,4-Difluorobenzene	6.337	114	134706	5.000	ug/L	0.09
28) Chlorobenzene-d5	9.439	117	125283	5.000	ug/L	0.02
58) 1,4-Dichlorobenzene-d4	11.819	152	61858	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.668	65	58772	4.993	ug/L	0.07
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.800%
7) Chloroethane-d5	2.002	69	35295	4.429	ug/L	0.09
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.600%
11) 1,1-Dichloroethene-d2	2.681	65	19946	4.213	ug/L	0.11
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.200%
20) 2-Butanone-d5	4.813	46	160270	50.996	ug/L	0.18
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.000%
24) Chloroform-d	5.205	84	91394	4.949	ug/L	0.14
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
26) 1,2-Dichloroethane-d4	5.816	65	53565	5.288	ug/L	0.11
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.800%
32) Benzene-d6	5.835	84	192571	5.102	ug/L	0.11
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.000%
36) 1,2-Dichloropropane-d6	6.767	67	67231	5.248	ug/L	0.08
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.000%
41) Toluene-d8	7.941	98	175454	5.163	ug/L	0.04
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.200%
43) trans-1,3-Dichloroprop...	8.218	79	27004	4.745	ug/L	0.04
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.000%
46) 2-Hexanone-d5	8.671	63	128082	55.793	ug/L	0.04
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.580%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	53072	5.174	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.400%
66) 1,2-Dichlorobenzene-d4	12.198	152	63095	5.316	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.400%
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.237	101	6783	0.516	ug/L	87
27) 1,2-Dichloroethane	5.832	62	1197	0.109	ug/L #	74
34) Trichloroethene	6.616	95	118624	12.448	ug/L	98
35) Methylcyclohexane	6.767	83	14723	0.921	ug/L #	17
37) 1,2-Dichloropropane	6.767	63	7387	0.721	ug/L #	89
39) cis-1,3-Dichloropropene	7.616	75	2219	0.143	ug/L #	34
47) Tetrachloroethene	8.587	164	5730	0.872	ug/L	92
49) Dibromochloromethane	8.584	129	5796	0.711	ug/L #	10
61) 1,2,3-Trichloropropane	11.819	75	8422	1.213	ug/L #	69

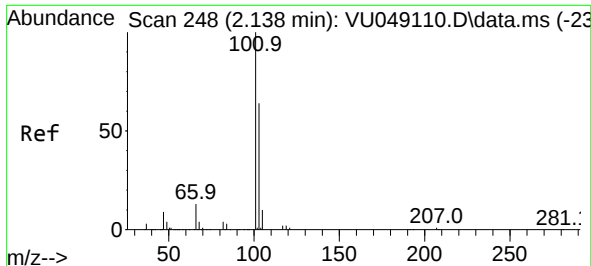
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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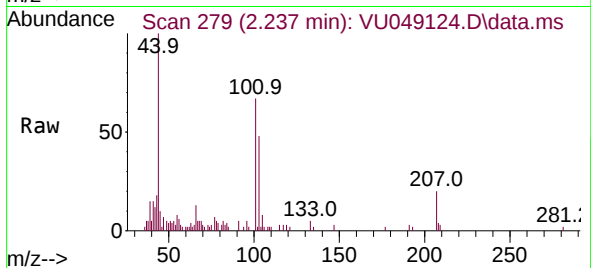
Quant Time: Jun 15 03:19:22 2022
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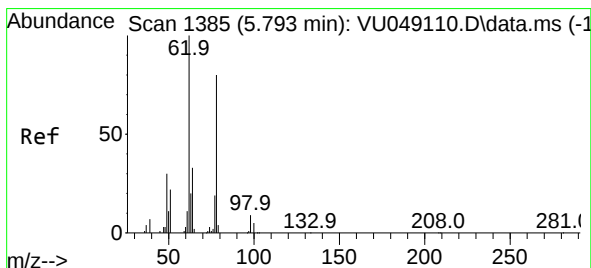
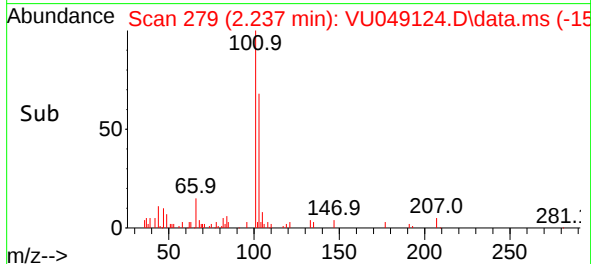
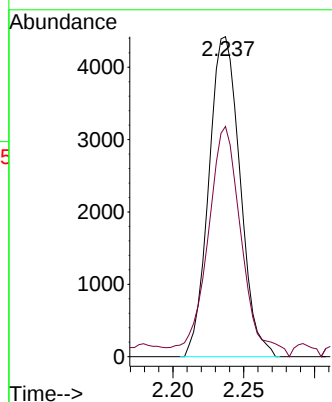


#9
 Trichlorofluoromethane
 Concen: 0.516 ug/L
 RT: 2.237 min Scan# 21
 Delta R.T. 0.100 min
 Lab File: VU049124.D
 Acq: 14 Jun 2022 19:19

Instrument :
 MSVOA_U
 ClientSampleId :

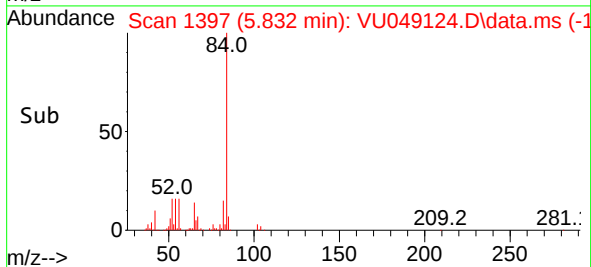
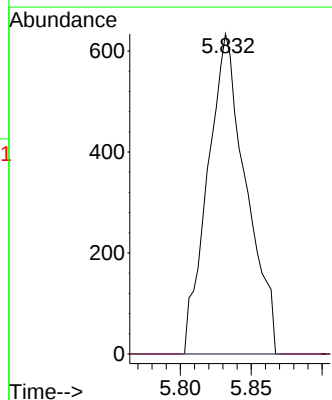
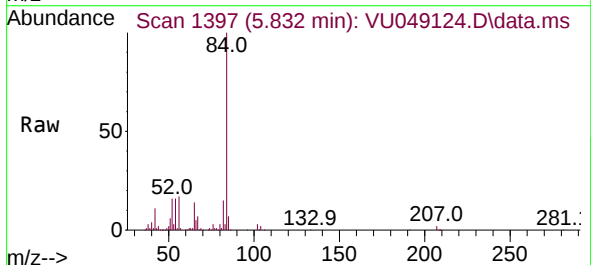


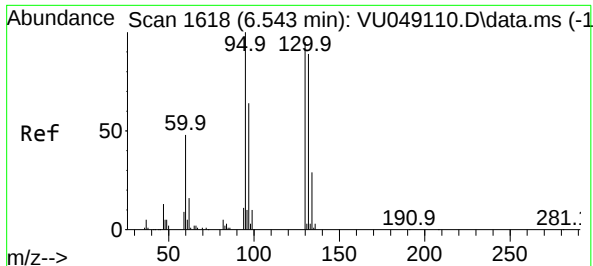
Tgt Ion:101 Resp: 6783
 Ion Ratio Lower Upper
 101 100
 103 77.7 53.5 80.3



#27
 1,2-Dichloroethane
 Concen: 0.109 ug/L
 RT: 5.832 min Scan# 1397
 Delta R.T. 0.038 min
 Lab File: VU049124.D
 Acq: 14 Jun 2022 19:19

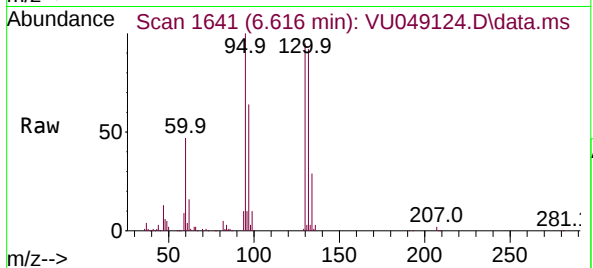
Tgt Ion: 62 Resp: 1197
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.6 11.4#





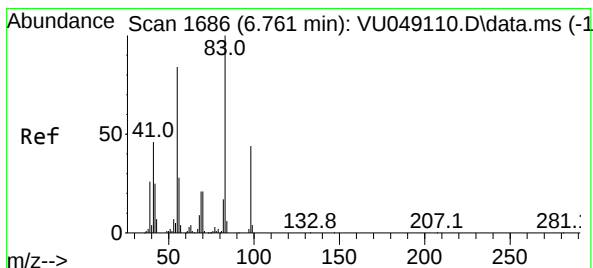
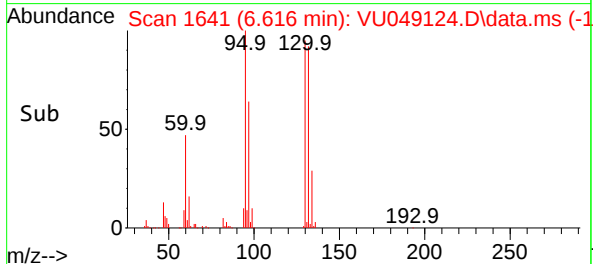
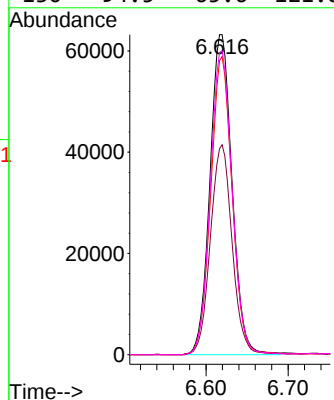
#34
 Trichloroethene
 Concen: 12.448 ug/L
 RT: 6.616 min Scan# 1
 Delta R.T. 0.074 min
 Lab File: VU049124.D
 Acq: 14 Jun 2022 19:19

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 95 Resp: 118624

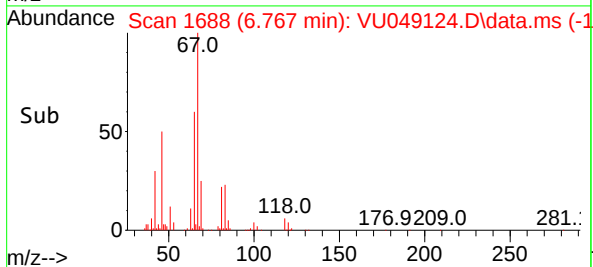
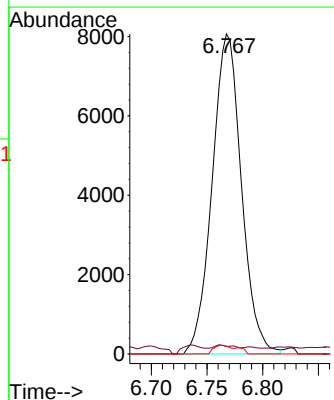
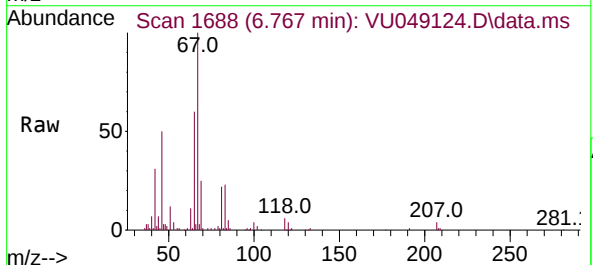
Ion	Ratio	Lower	Upper
95	100		
97	64.4	45.3	84.1
132	91.9	61.5	114.3
130	94.5	65.6	121.8

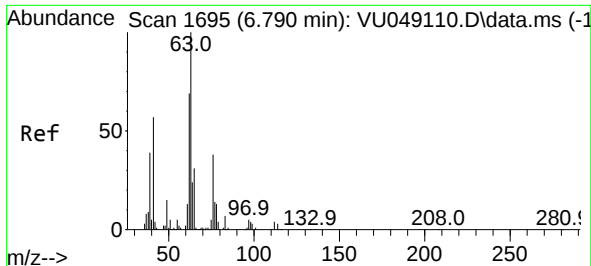


#35
 Methylcyclohexane
 Concen: 0.921 ug/L
 RT: 6.767 min Scan# 1688
 Delta R.T. 0.006 min
 Lab File: VU049124.D
 Acq: 14 Jun 2022 19:19

Tgt Ion: 83 Resp: 14723

Ion	Ratio	Lower	Upper
83	100		
55	0.7	66.9	100.3#
98	1.6	35.5	53.3#

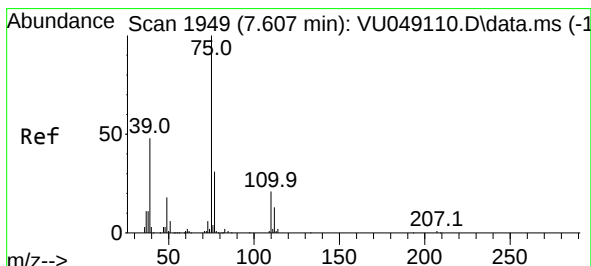
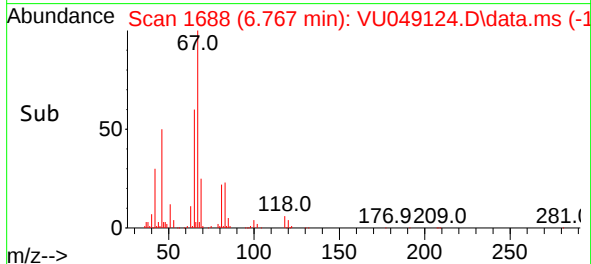
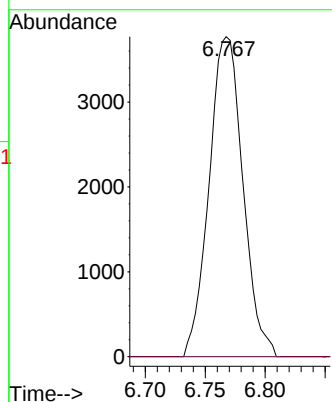
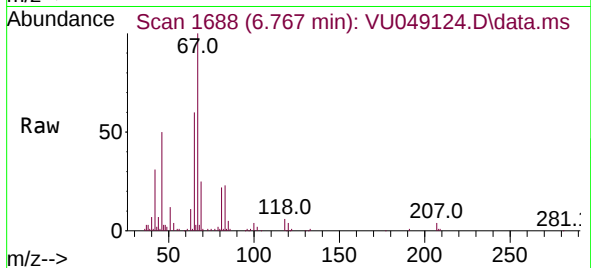




#37
1,2-Dichloropropane
Concen: 0.721 ug/L
RT: 6.767 min Scan# 11
Delta R.T. -0.023 min
Lab File: VU049124.D
Acq: 14 Jun 2022 19:19

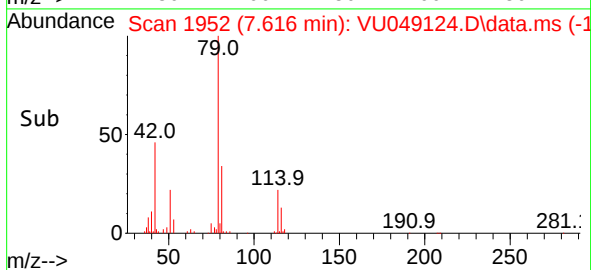
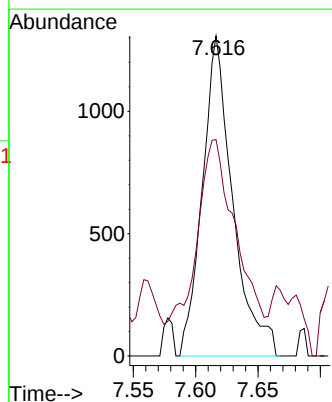
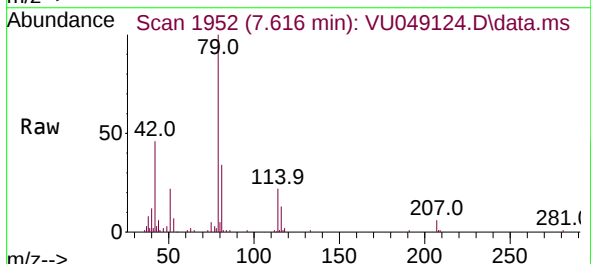
Instrument :
MSVOA_U
ClientSampleId :

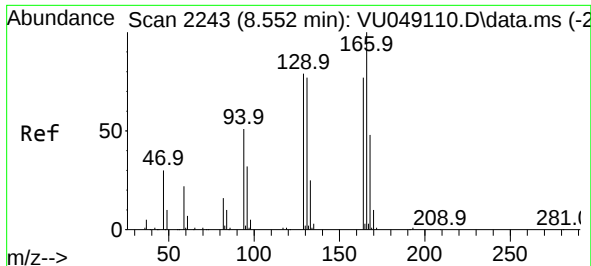
Tgt Ion: 63 Resp: 7387
Ion Ratio Lower Upper
63 100
112 0.0 2.8 4.2#



#39
cis-1,3-Dichloropropene
Concen: 0.143 ug/L
RT: 7.616 min Scan# 1952
Delta R.T. 0.010 min
Lab File: VU049124.D
Acq: 14 Jun 2022 19:19

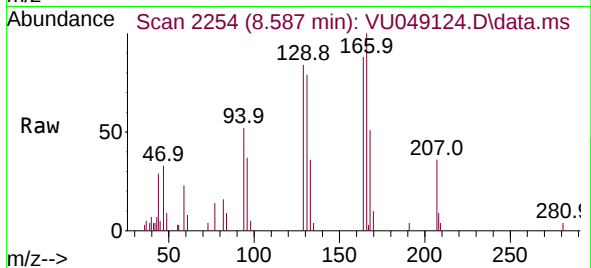
Tgt Ion: 75 Resp: 2219
Ion Ratio Lower Upper
75 100
77 67.6 21.8 40.4#



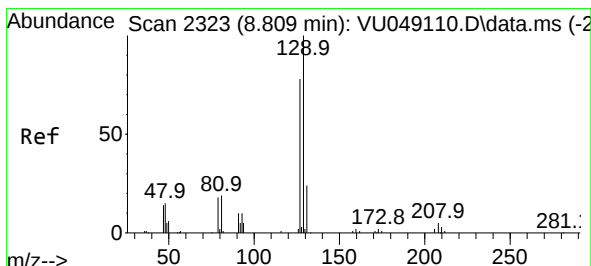
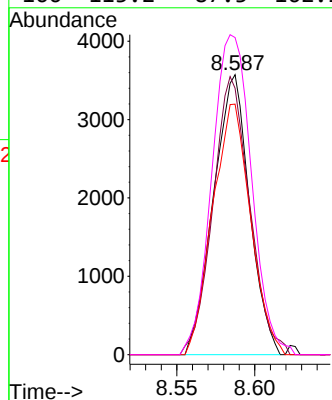
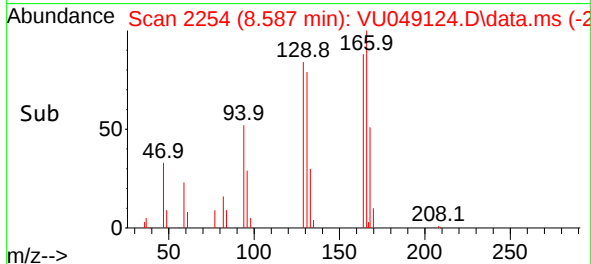


#47
Tetrachloroethene
Concen: 0.872 ug/L
RT: 8.587 min Scan# 21
Delta R.T. 0.035 min
Lab File: VU049124.D
Acq: 14 Jun 2022 19:19

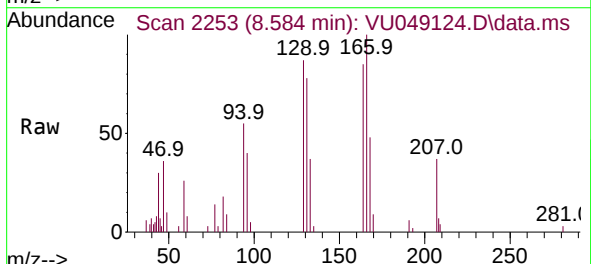
Instrument :
MSVOA_U
ClientSampleId :



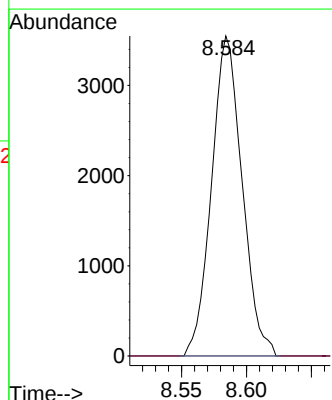
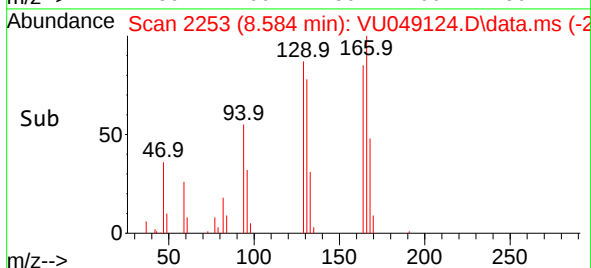
Tgt Ion:164 Resp: 5730
Ion Ratio Lower Upper
164 100
129 95.1 69.8 129.6
131 89.5 67.8 125.8
166 113.2 87.3 162.1

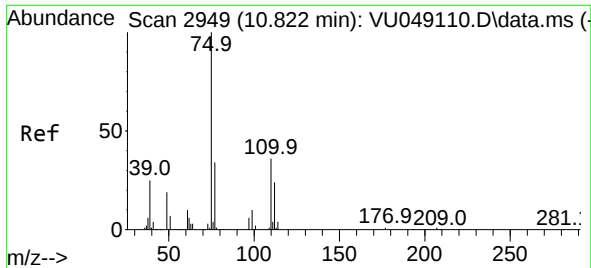


#49
Dibromochloromethane
Concen: 0.711 ug/L
RT: 8.584 min Scan# 2253
Delta R.T. -0.225 min
Lab File: VU049124.D
Acq: 14 Jun 2022 19:19



Tgt Ion:129 Resp: 5796
Ion Ratio Lower Upper
129 100
127 0.0 54.9 101.9#





#61

1,2,3-Trichloropropane

Concen: 1.213 ug/L

RT: 11.819 min Scan# 31

Delta R.T. 0.997 min

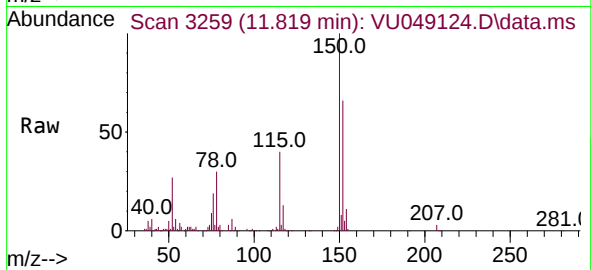
Lab File: VU049124.D

Acq: 14 Jun 2022 19:19

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 75 Resp: 8422

Ion Ratio Lower Upper

75 100

110 2.0 29.0 43.4#

77 33.3 26.2 39.2

