

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121824\
 Data File : VU062427.D
 Acq On : 18 Dec 2024 17:29
 Operator : MD/SY
 Sample : P5305-02
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 19 00:14:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 19 00:12:34 2024
 Response via : Initial Calibration

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

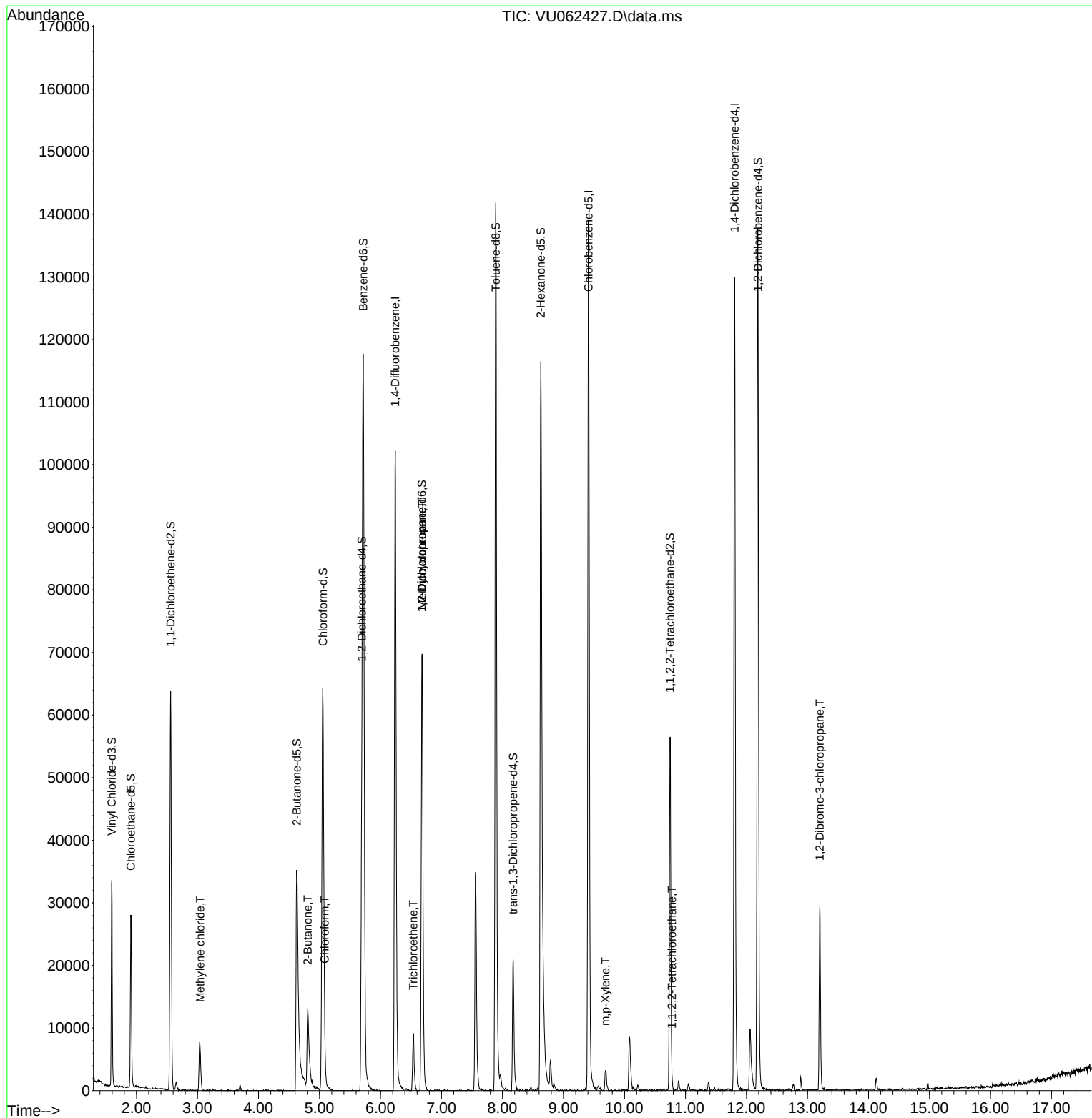
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	86560	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	83740	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	38128	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	23701	4.059	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.200%
7) Chloroethane-d5	1.907	69	19462	4.686	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.800%
11) 1,1-Dichloroethene-d2	2.560	65	12435	4.477	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.600%
20) 2-Butanone-d5	4.627	46	55498	49.598	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.200%
24) Chloroform-d	5.055	84	64142	5.076	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.600%
26) 1,2-Dichloroethane-d4	5.695	65	34940	5.623	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.400%
32) Benzene-d6	5.717	84	113122	4.690	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
36) 1,2-Dichloropropane-d6	6.679	67	32278	4.677	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.600%
41) Toluene-d8	7.891	98	102448	4.497	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.000%
43) trans-1,3-Dichloroprop...	8.174	79	14089	4.638	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.800%
46) 2-Hexanone-d5	8.627	63	42269	46.125	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.260%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	26035	4.848	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	38696	5.507	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.200%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.042	84	4282	0.698	ug/L	95
21) 2-Butanone	4.808	43	19011	17.183	ug/L #	45
25) Chloroform	5.084	83	3080	0.248	ug/L	97
34) Trichloroethene	6.537	95	3526	0.480	ug/L	90
35) Methylcyclohexane	6.682	83	8961	0.822	ug/L #	21
37) 1,2-Dichloropropane	6.679	63	4381	0.693	ug/L #	87
53) m,p-Xylene	9.688	106	1399	0.121	ug/L	82
57) 1,1,2,2-Tetrachloroethane	10.778	83	578	0.104	ug/L #	88
68) 1,2-Dibromo-3-chloropr...	13.203	75	74	0.096	ug/L #	9

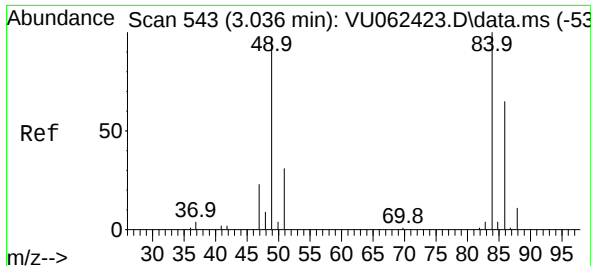
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#16

Methylene chloride

Concen: 0.698 ug/L

RT: 3.042 min Scan# 54

Delta R.T. 0.006 min

Lab File: VU062427.D

Acq: 18 Dec 2024 17:29

Instrument :

MSVOA_U

ClientSampleId :

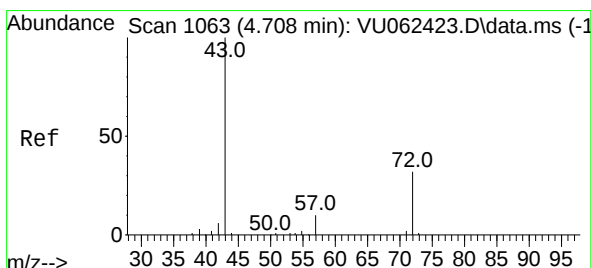
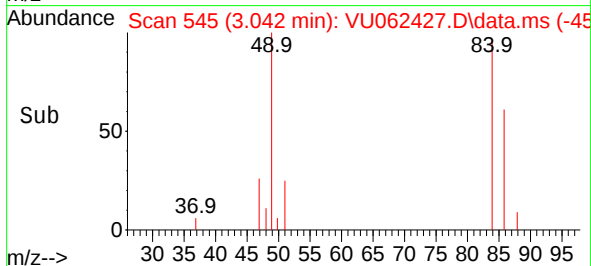
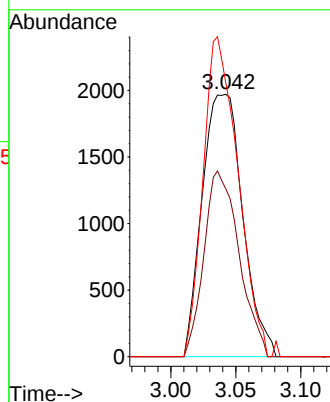
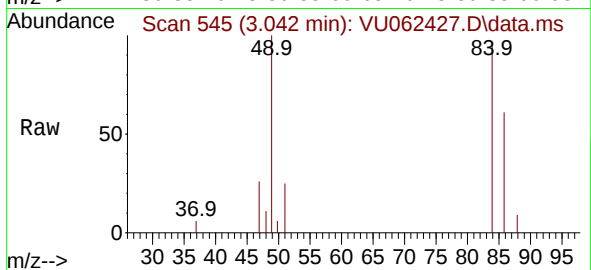
Tgt Ion: 84 Resp: 4282

Ion Ratio Lower Upper

84 100

86 64.0 43.5 80.7

49 110.4 81.9 152.1



#21

2-Butanone

Concen: 17.183 ug/L

RT: 4.808 min Scan# 1094

Delta R.T. 0.099 min

Lab File: VU062427.D

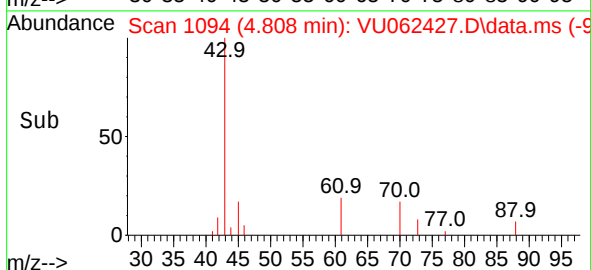
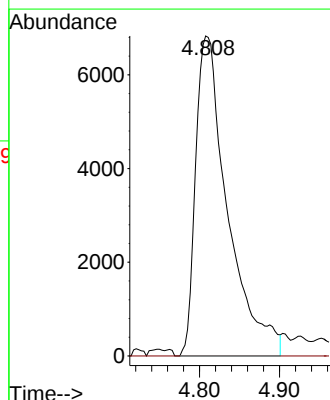
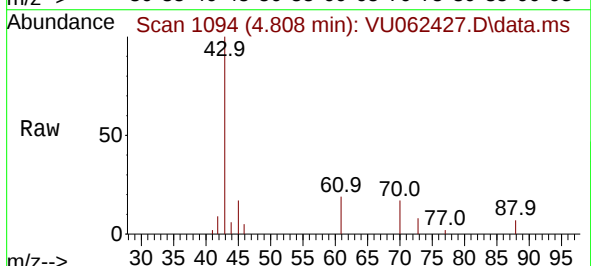
Acq: 18 Dec 2024 17:29

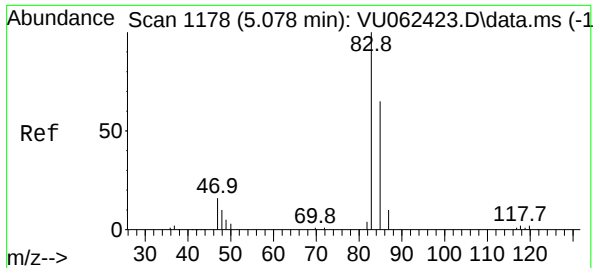
Tgt Ion: 43 Resp: 19011

Ion Ratio Lower Upper

43 100

72 0.0 14.8 44.4#

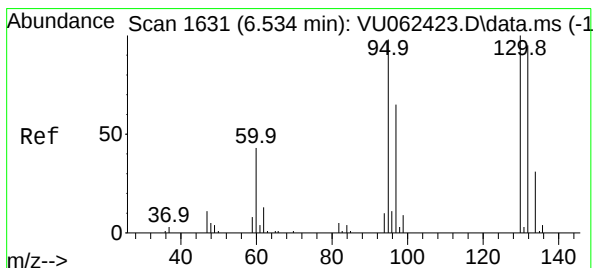
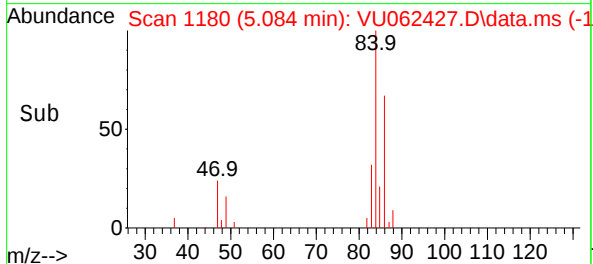
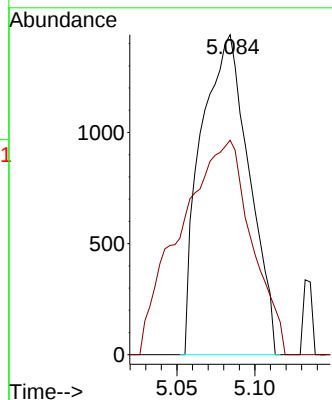
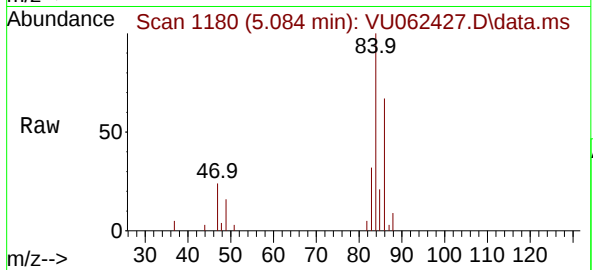




#25
Chloroform
Concen: 0.248 ug/L
RT: 5.084 min Scan# 1178
Delta R.T. 0.006 min
Lab File: VU062427.D
Acq: 18 Dec 2024 17:29

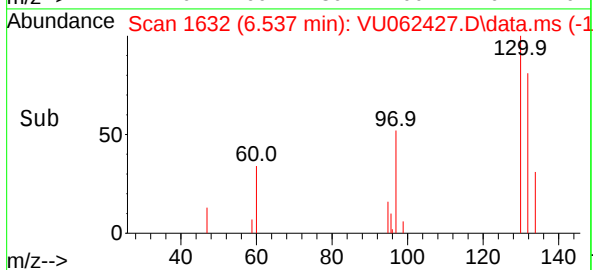
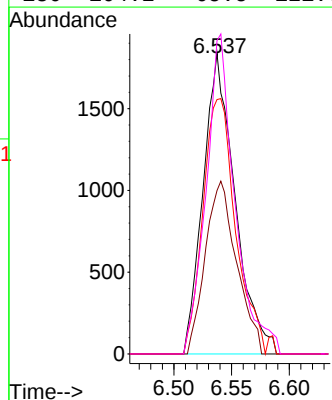
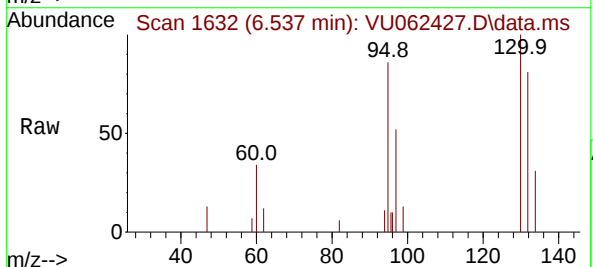
Instrument :
MSVOA_U
ClientSampleId :

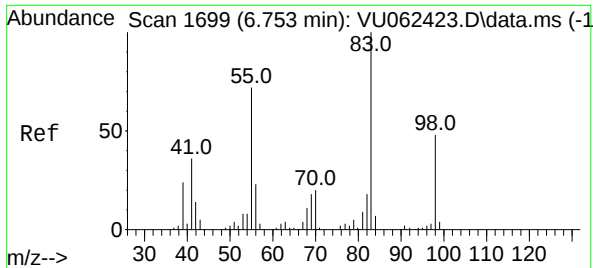
Tgt Ion: 83 Resp: 3080
Ion Ratio Lower Upper
83 100
85 67.0 45.4 84.2



#34
Trichloroethene
Concen: 0.480 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. 0.003 min
Lab File: VU062427.D
Acq: 18 Dec 2024 17:29

Tgt Ion: 95 Resp: 3526
Ion Ratio Lower Upper
95 100
97 54.3 45.9 85.3
132 84.6 63.8 118.4
130 104.2 65.5 121.7





#35

Methylcyclohexane

Concen: 0.822 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU062427.D

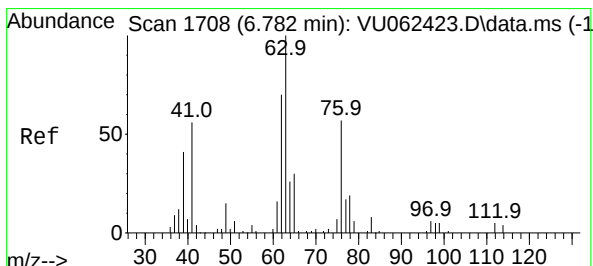
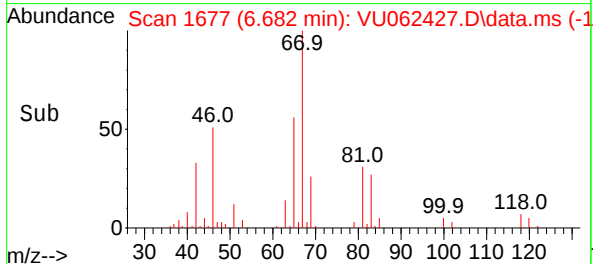
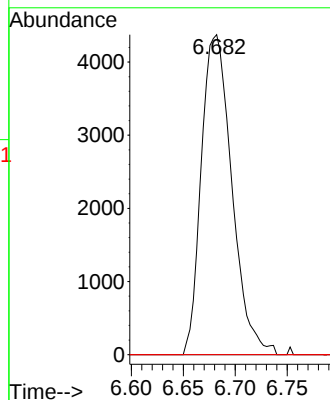
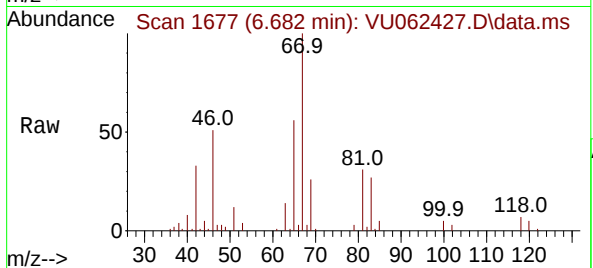
Acq: 18 Dec 2024 17:29

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp:	8961
Ion Ratio	Lower	Upper
83	100	
55	0.0	60.7 91.1#
98	3.4	34.8 52.2#



#37

1,2-Dichloropropane

Concen: 0.693 ug/L

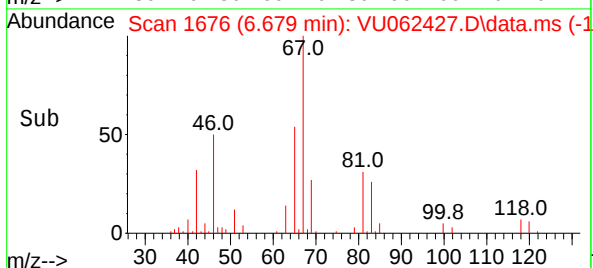
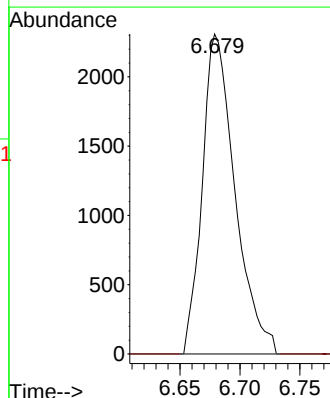
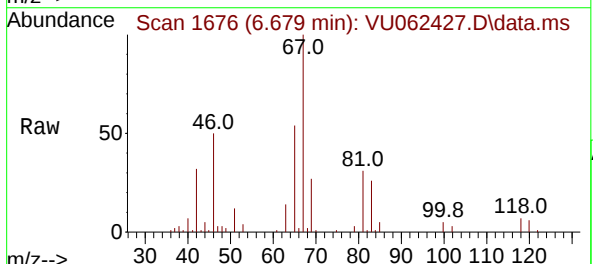
RT: 6.679 min Scan# 1676

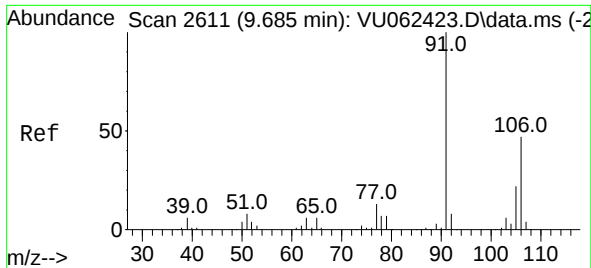
Delta R.T. -0.103 min

Lab File: VU062427.D

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Tgt Ion: 63	Resp:	4381
Ion Ratio	Lower	Upper
63	100	
112	0.0	3.4 5.0#

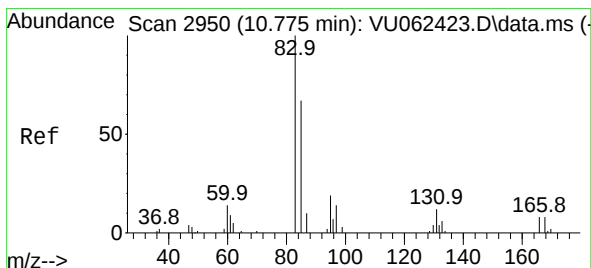
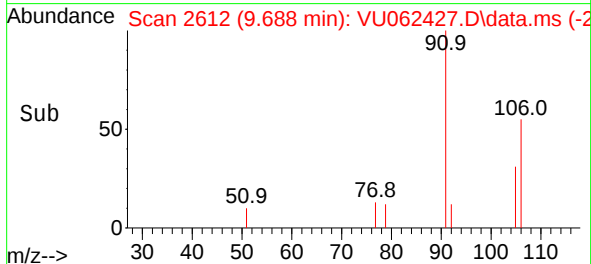
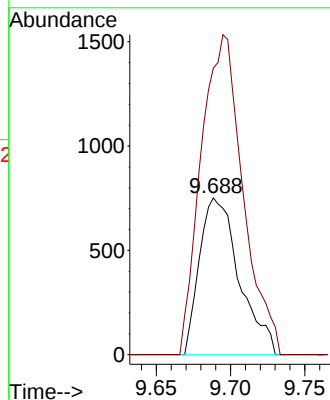
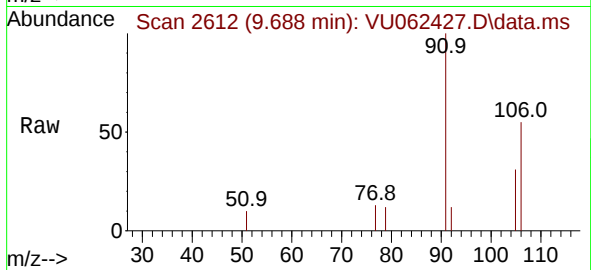




#53
m,p-Xylene
Concen: 0.121 ug/L
RT: 9.688 min Scan# 206
Delta R.T. 0.003 min
Lab File: VU062427.D
Acq: 18 Dec 2024 17:29

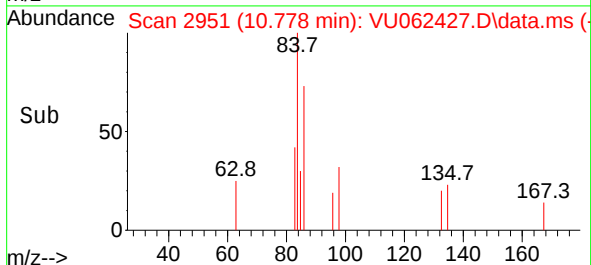
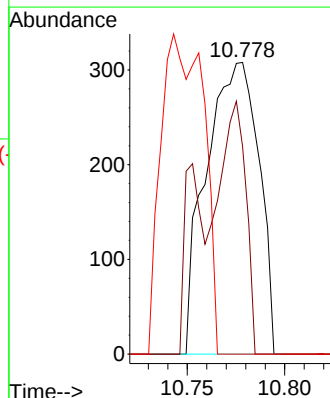
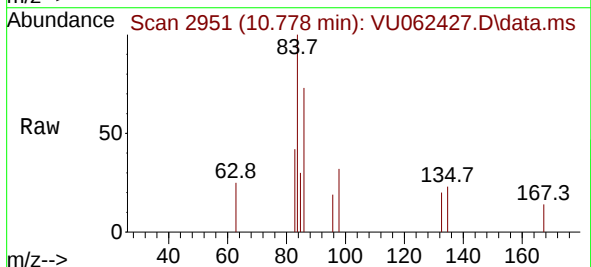
Instrument :
MSVOA_U
ClientSampleId :

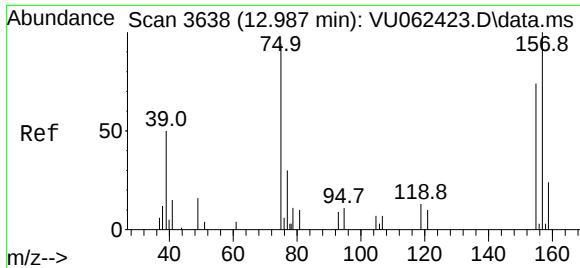
Tgt Ion:106 Resp: 1399
Ion Ratio Lower Upper
106 100
91 182.7 147.6 274.0



#57
1,1,2,2-Tetrachloroethane
Concen: 0.104 ug/L
RT: 10.778 min Scan# 2951
Delta R.T. 0.003 min
Lab File: VU062427.D
Acq: 18 Dec 2024 17:29

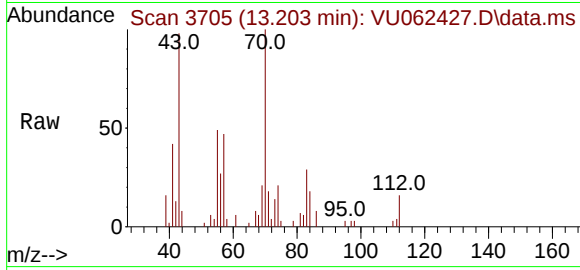
Tgt Ion: 83 Resp: 578
Ion Ratio Lower Upper
83 100
85 71.1 44.4 82.4
131 0.0 7.3 10.9#





#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.096 ug/L
 RT: 13.203 min Scan# 31
 Delta R.T. 0.215 min
 Lab File: VU062427.D
 Acq: 18 Dec 2024 17:29

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75	Resp:	74
Ion Ratio	Lower	Upper
75	100	
155	0.0	55.2 82.8#
157	0.0	73.5 110.3#

