

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121024\
 Data File : VU062219.D
 Acq On : 10 Dec 2024 19:54
 Operator : MD/SY
 Sample : P5116-04
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 11 03:47:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 11 03:43:25 2024
 Response via : Initial Calibration

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

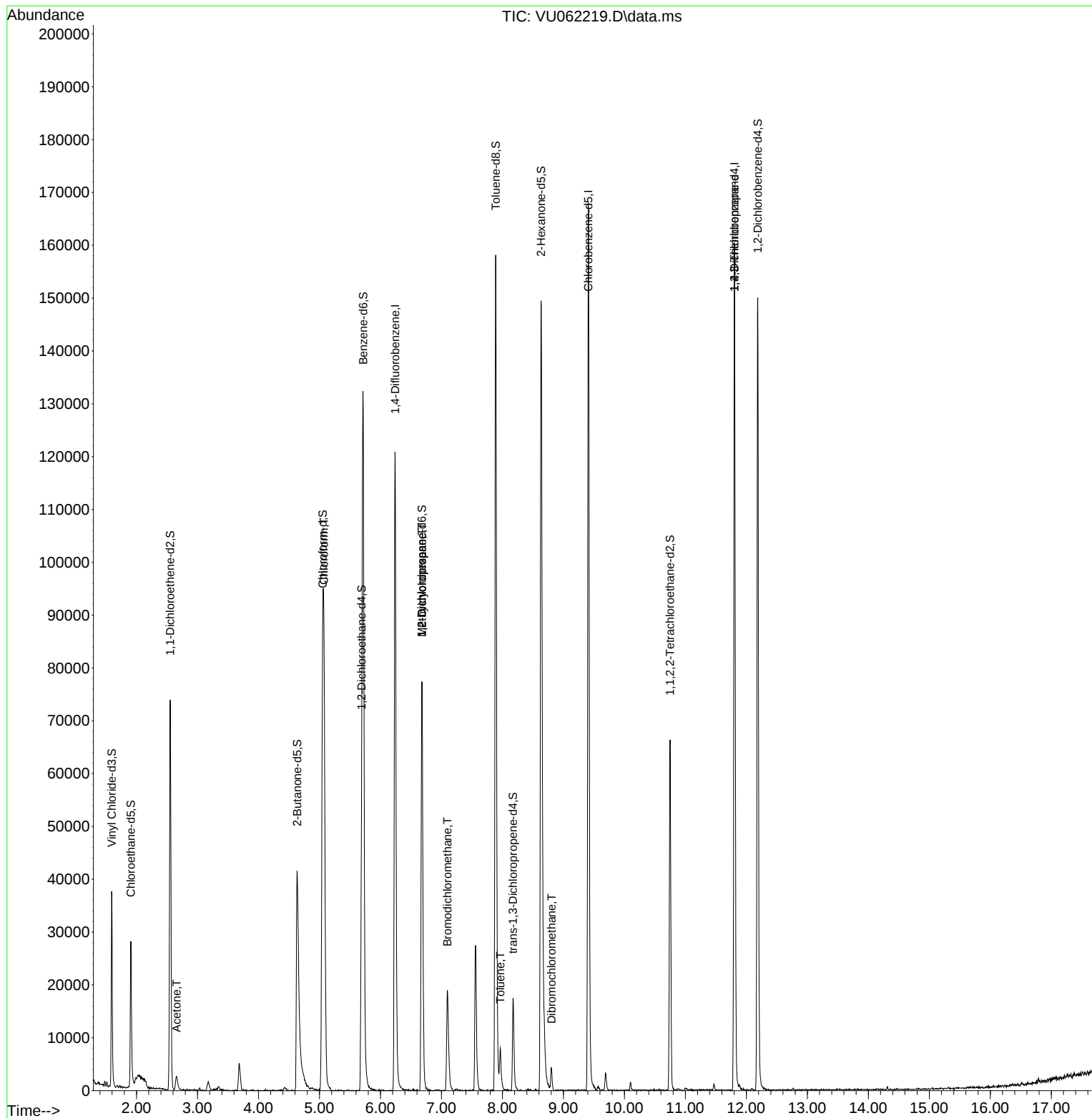
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	102312	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	97243	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	44098	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	27340	3.962	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.200%
7) Chloroethane-d5	1.907	69	21296	4.338	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.800%
11) 1,1-Dichloroethene-d2	2.554	65	14139	4.307	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.200%
20) 2-Butanone-d5	4.634	46	69472	52.528	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.060%
24) Chloroform-d	5.052	84	70246	4.703	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
26) 1,2-Dichloroethane-d4	5.692	65	37753	5.140	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.800%
32) Benzene-d6	5.717	84	125692	4.488	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
36) 1,2-Dichloropropane-d6	6.679	67	37126	4.633	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.600%
41) Toluene-d8	7.891	98	113430	4.287	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.800%
43) trans-1,3-Dichloroprop...	8.174	79	11035	3.128	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	62.600%
46) 2-Hexanone-d5	8.634	63	54100	50.838	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.680%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	32646	5.235	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	42520	5.232	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.600%
Target Compounds						
					Qvalue	
13) Acetone	2.657	43	4647	5.160	ug/L	97
25) Chloroform	5.074	83	64696	4.415	ug/L	99
35) Methylcyclohexane	6.679	83	9909	0.783	ug/L #	19
37) 1,2-Dichloropropane	6.679	63	4213	0.574	ug/L #	87
38) Bromodichloromethane	7.100	83	12836	1.240	ug/L	94
42) Toluene	7.965	91	6233	0.192	ug/L	95
49) Dibromochloromethane	8.804	129	2403	0.359	ug/L	95
61) 1,2,3-Trichloropropane	11.804	75	4541	1.114	ug/L #	68

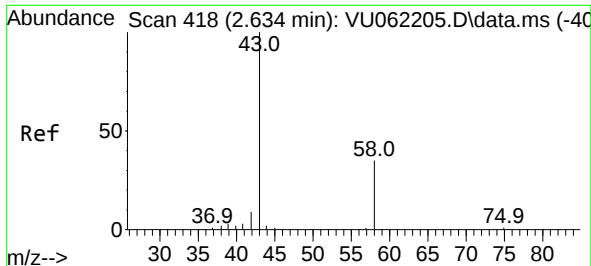
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 5.160 ug/L

RT: 2.657 min Scan# 41

Delta R.T. 0.022 min

Lab File: VU062219.D

Acq: 10 Dec 2024 19:54

Instrument :

MSVOA_U

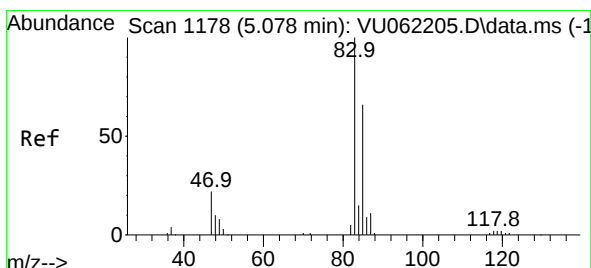
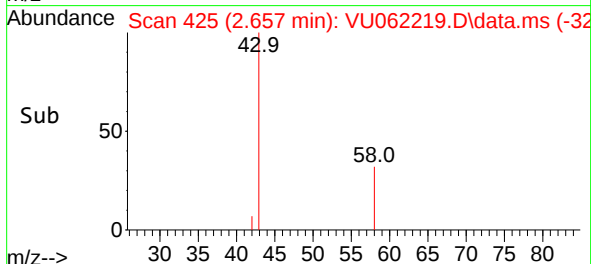
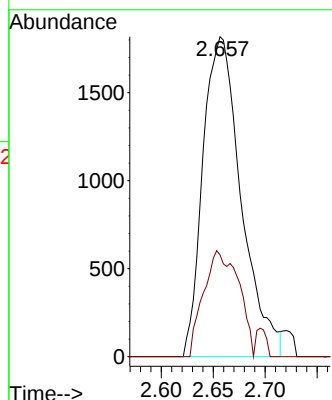
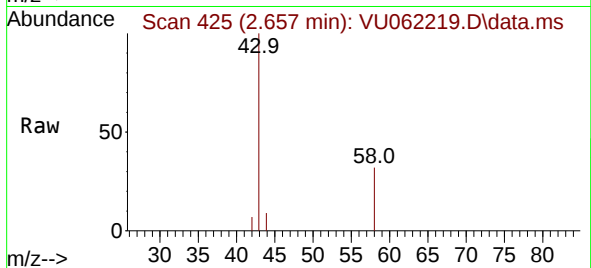
ClientSampleId :

Tgt Ion: 43 Resp: 4647

Ion Ratio Lower Upper

43 100

58 30.4 0.0 64.0



#25

Chloroform

Concen: 4.415 ug/L

RT: 5.074 min Scan# 1177

Delta R.T. -0.003 min

Lab File: VU062219.D

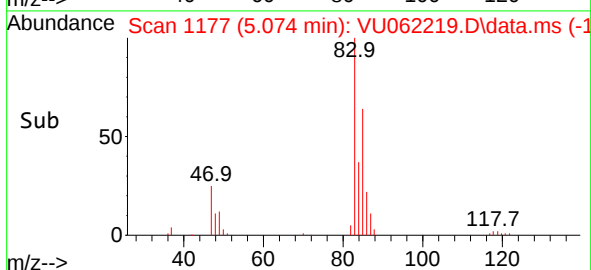
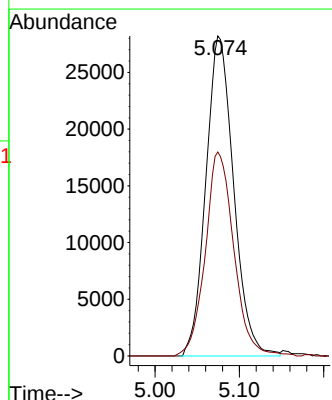
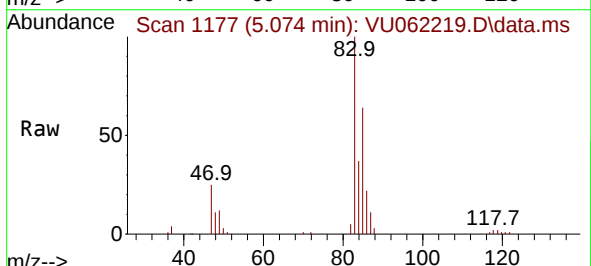
Acq: 10 Dec 2024 19:54

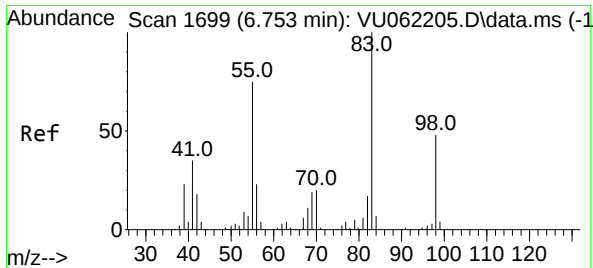
Tgt Ion: 83 Resp: 64696

Ion Ratio Lower Upper

83 100

85 63.7 45.4 84.2





#35

Methylcyclohexane

Concen: 0.783 ug/L

RT: 6.679 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU062219.D

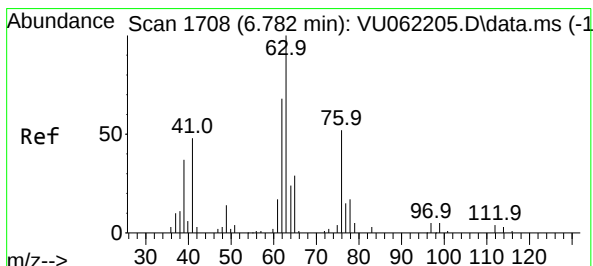
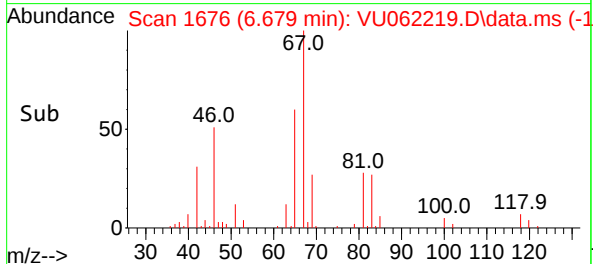
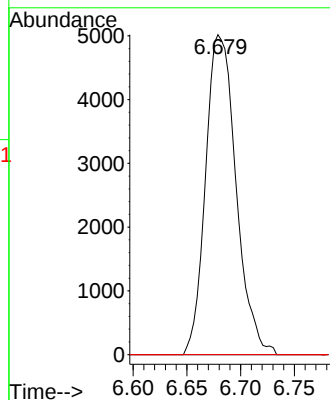
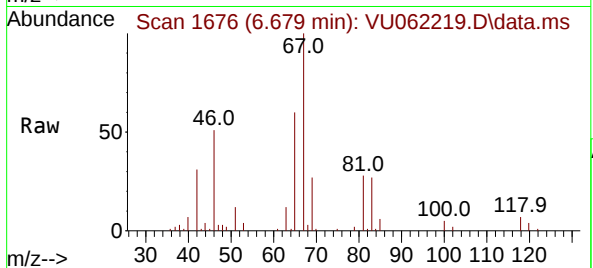
Acq: 10 Dec 2024 19:54

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp:	9909
Ion Ratio	Lower	Upper
83	100	
55	0.0	60.7 91.1#
98	0.0	34.8 52.2#



#37

1,2-Dichloropropane

Concen: 0.574 ug/L

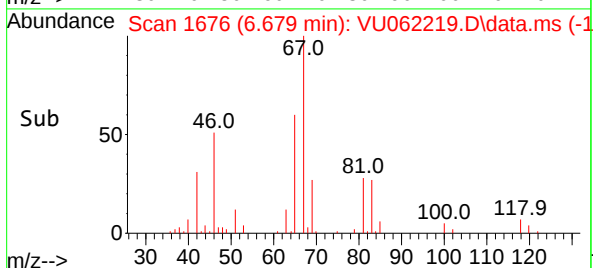
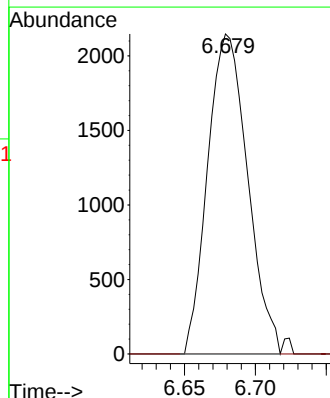
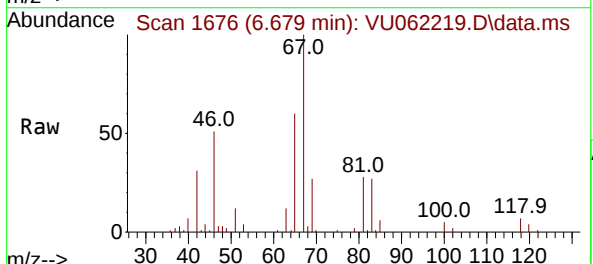
RT: 6.679 min Scan# 1676

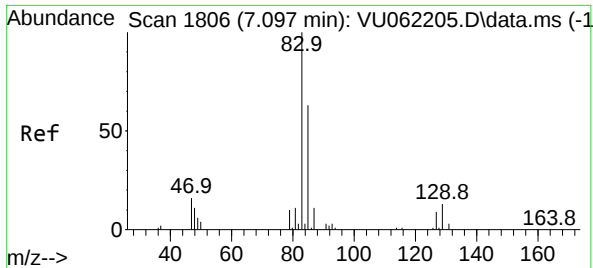
Delta R.T. -0.103 min

Lab File: VU062219.D

Acq: 10 Dec 2024 19:54

Tgt Ion: 63	Resp:	4213
Ion Ratio	Lower	Upper
63	100	
112	0.0	3.4 5.0#

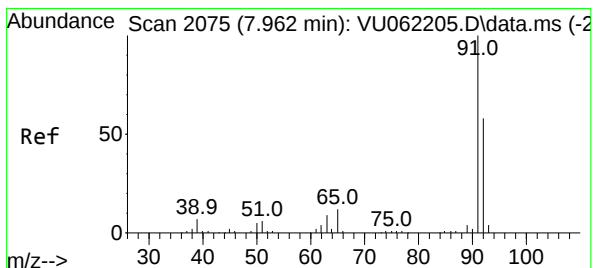
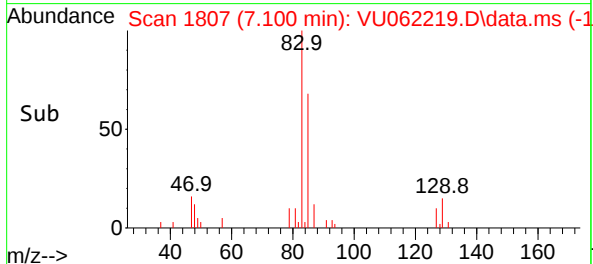
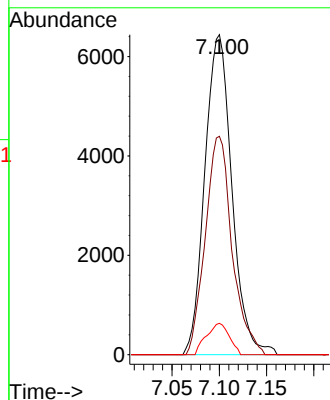
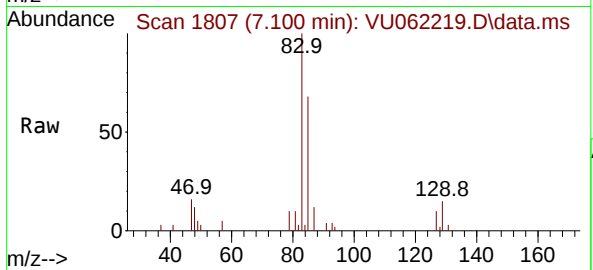




#38
Bromodichloromethane
Concen: 1.240 ug/L
RT: 7.100 min Scan# 1806
Delta R.T. 0.003 min
Lab File: VU062219.D
Acq: 10 Dec 2024 19:54

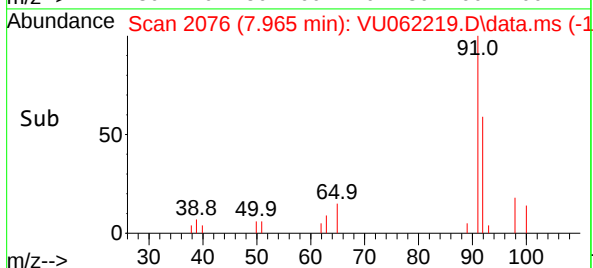
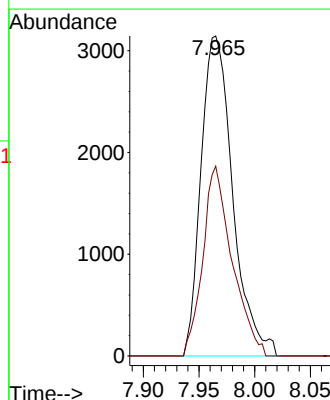
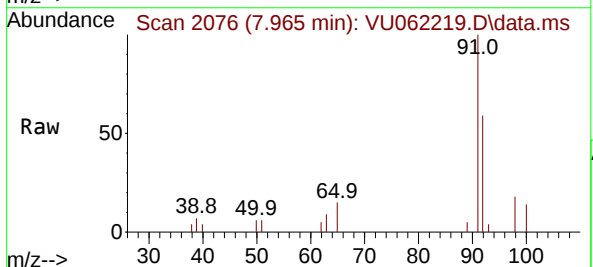
Instrument :
MSVOA_U
ClientSampleId :

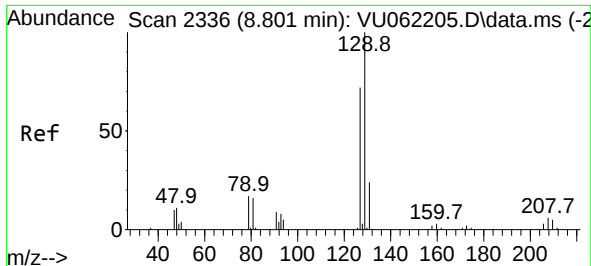
Tgt Ion: 83 Resp: 12836
Ion Ratio Lower Upper
83 100
85 68.2 44.1 81.9
127 9.8 6.9 10.3



#42
Toluene
Concen: 0.192 ug/L
RT: 7.965 min Scan# 2076
Delta R.T. 0.003 min
Lab File: VU062219.D
Acq: 10 Dec 2024 19:54

Tgt Ion: 91 Resp: 6233
Ion Ratio Lower Upper
91 100
92 59.3 39.0 72.4

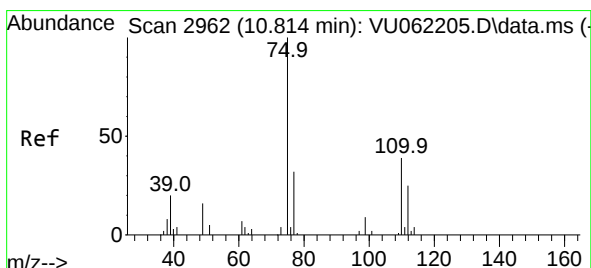
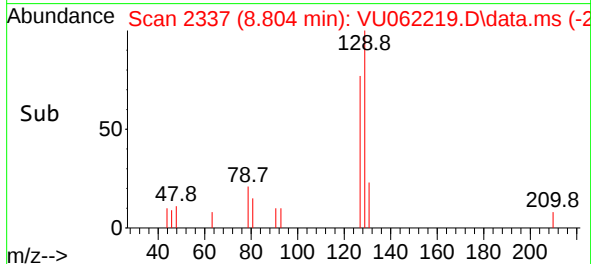
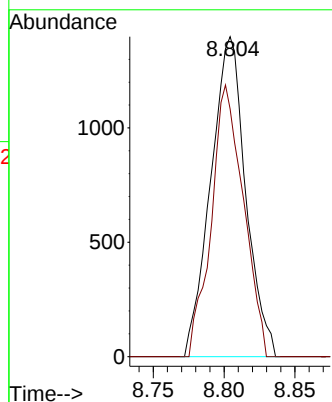
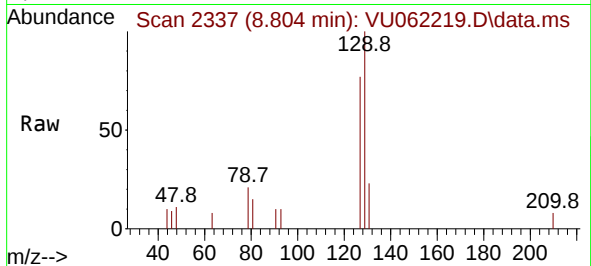




#49
Dibromochloromethane
Concen: 0.359 ug/L
RT: 8.804 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU062219.D
Acq: 10 Dec 2024 19:54

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:129 Resp: 2403
Ion Ratio Lower Upper
129 100
127 77.4 51.1 94.9



#61
1,2,3-Trichloropropane
Concen: 1.114 ug/L
RT: 11.804 min Scan# 3270
Delta R.T. 0.990 min
Lab File: VU062219.D
Acq: 10 Dec 2024 19:54

Tgt Ion: 75 Resp: 4541
Ion Ratio Lower Upper
75 100
110 2.4 28.9 43.3#
77 35.9 26.5 39.7

