

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112524\
 Data File : VU062023.D
 Acq On : 25 Nov 2024 15:20
 Operator : MD/SY
 Sample : P4966-06
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 25 15:41:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 25 01:25:39 2024
 Response via : Initial Calibration

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

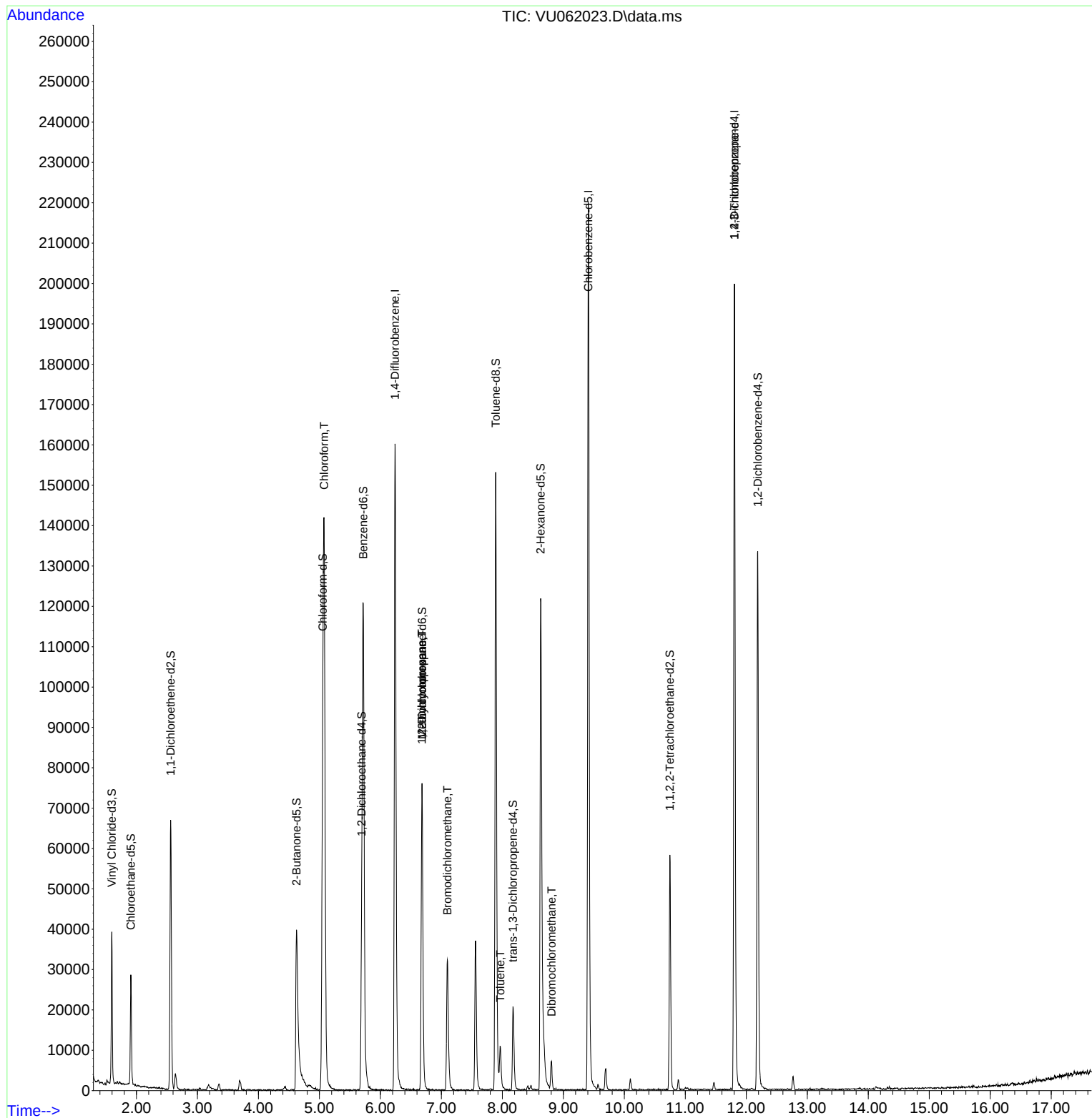
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	135783	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	128465	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	58236	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	26013	3.906	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.200%
7) Chloroethane-d5	1.907	69	19520	3.313	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	66.200%
11) 1,1-Dichloroethene-d2	2.560	65	12811	4.814	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.200%
20) 2-Butanone-d5	4.624	46	63675	30.444	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	60.880%
24) Chloroform-d	5.055	84	68322	4.205	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.000%
26) 1,2-Dichloroethane-d4	5.692	65	32172	3.847	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.000%
32) Benzene-d6	5.718	84	118477	4.733	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
36) 1,2-Dichloropropane-d6	6.682	67	36825	4.330	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.600%
41) Toluene-d8	7.891	98	107216	5.136	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.800%
43) trans-1,3-Dichloroprop...	8.174	79	13887	4.411	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.200%
46) 2-Hexanone-d5	8.627	63	44337	30.852	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	61.700%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	29360	3.455	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	69.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	38023	4.416	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.400%
Target Compounds						
					Qvalue	
25) Chloroform	5.078	83	115354	5.885	ug/L	98
35) Methylcyclohexane	6.682	83	9140	0.577	ug/L #	19
37) 1,2-Dichloropropane	6.679	63	3924	0.389	ug/L #	87
38) Bromodichloromethane	7.097	83	21833	1.786	ug/L	93
42) Toluene	7.965	91	9723	0.239	ug/L	100
49) Dibromochloromethane	8.804	129	4205	0.536	ug/L	91
61) 1,2,3-Trichloropropane	11.804	75	6457	0.959	ug/L #	67

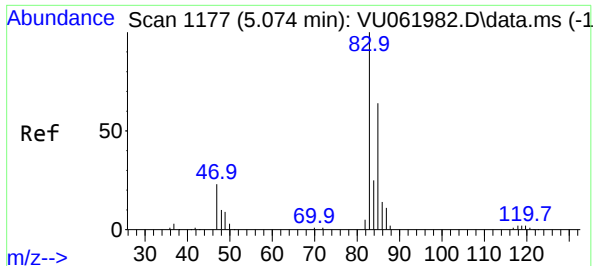
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Nov 25 15:41:15 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Nov 25 01:25:39 2024
Response via : Initial Calibration

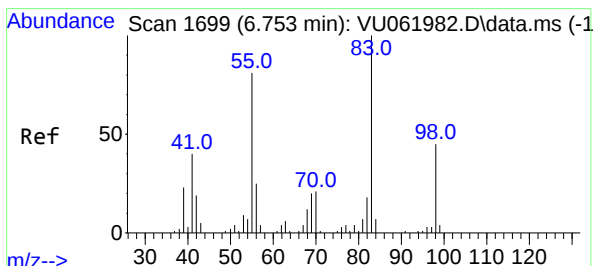
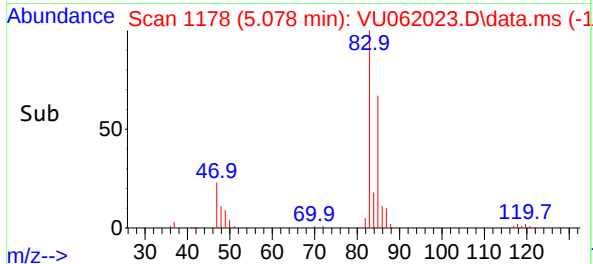
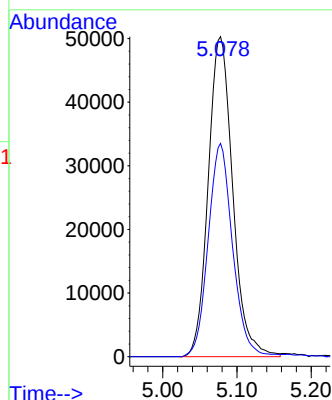
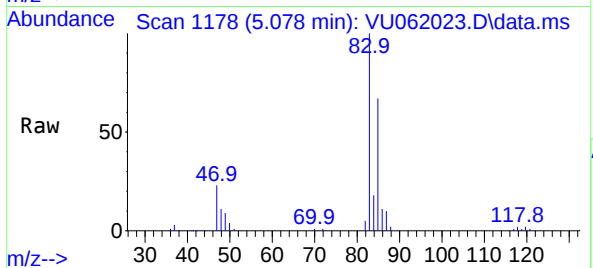




#25
Chloroform
Concen: 5.885 ug/L
RT: 5.078 min Scan# 1177
Delta R.T. -0.000 min
Lab File: VU062023.D
Acq: 25 Nov 2024 15:20

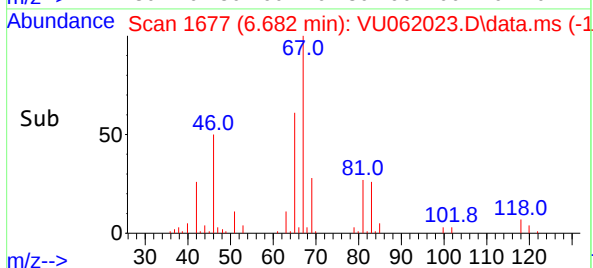
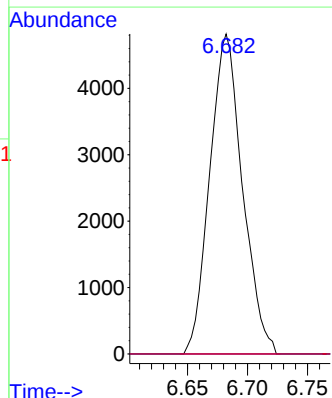
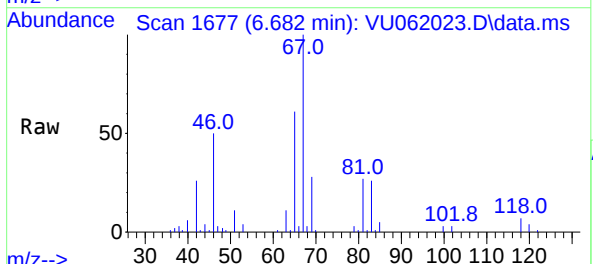
Instrument :
MSVOA_U
ClientSampleId :

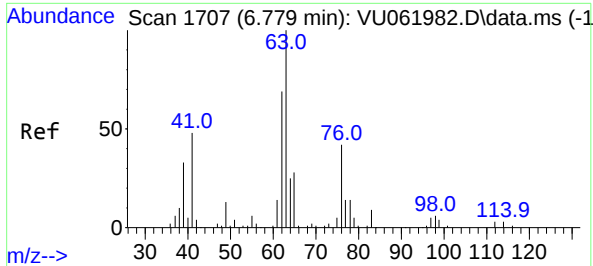
Tgt Ion: 83 Resp: 115354
Ion Ratio Lower Upper
83 100
85 66.7 45.4 84.2



#35
Methylcyclohexane
Concen: 0.577 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.071 min
Lab File: VU062023.D
Acq: 25 Nov 2024 15:20

Tgt Ion: 83 Resp: 9140
Ion Ratio Lower Upper
83 100
55 0.0 60.7 91.1#
98 0.0 34.8 52.2#

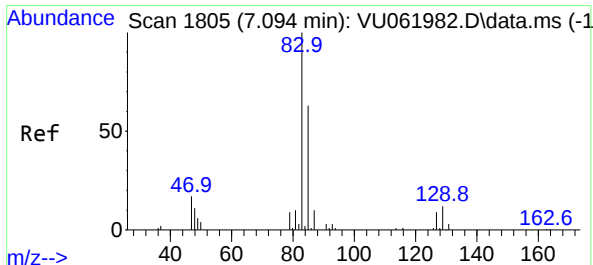
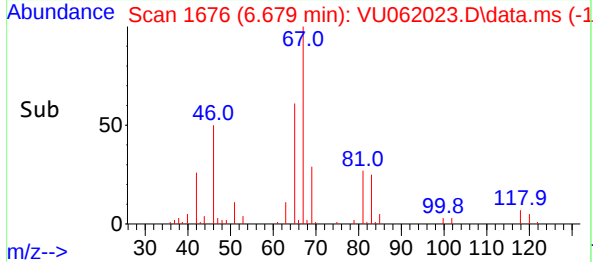
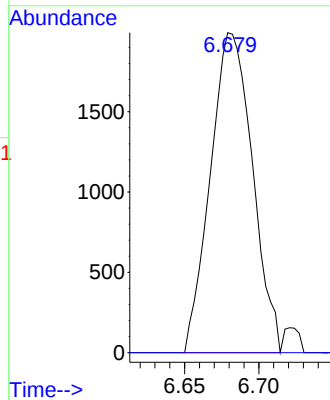
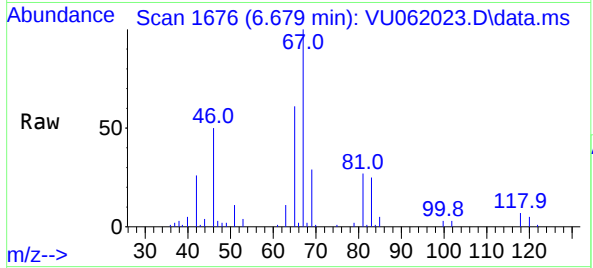




#37
1,2-Dichloropropane
Concen: 0.389 ug/L
RT: 6.679 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU062023.D
Acq: 25 Nov 2024 15:20

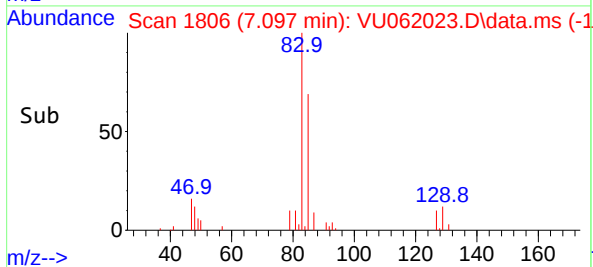
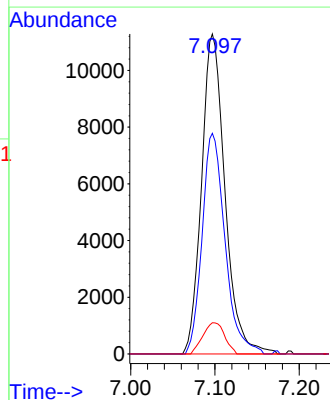
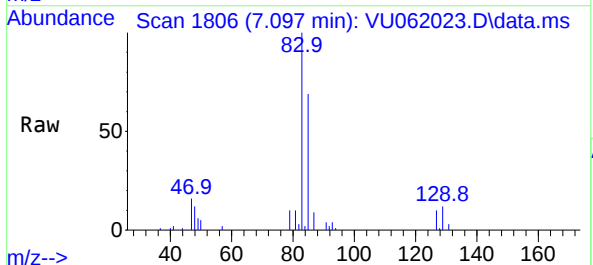
Instrument :
MSVOA_U
ClientSampleId :

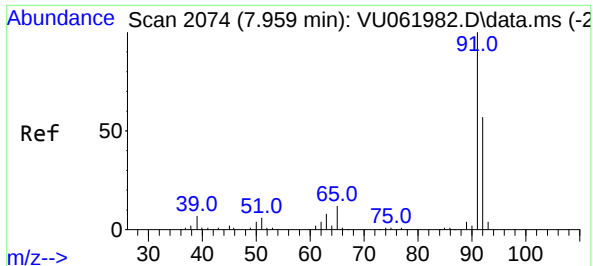
Tgt Ion: 63 Resp: 3924
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#



#38
Bromodichloromethane
Concen: 1.786 ug/L
RT: 7.097 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VU062023.D
Acq: 25 Nov 2024 15:20

Tgt Ion: 83 Resp: 21833
Ion Ratio Lower Upper
83 100
85 68.9 44.1 81.9
127 9.7 6.9 10.3





#42

Toluene

Concen: 0.239 ug/L

RT: 7.965 min Scan# 2074

Delta R.T. 0.003 min

Lab File: VU062023.D

Acq: 25 Nov 2024 15:20

Instrument :

MSVOA_U

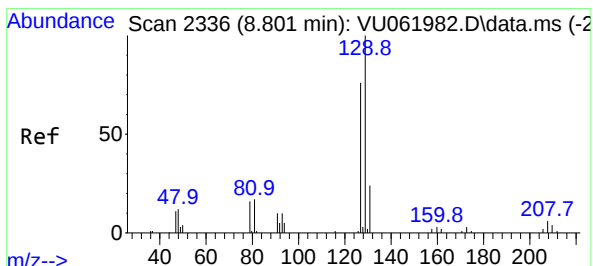
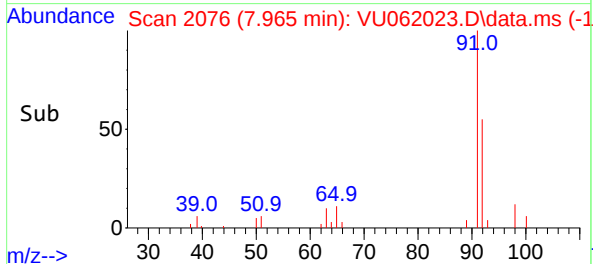
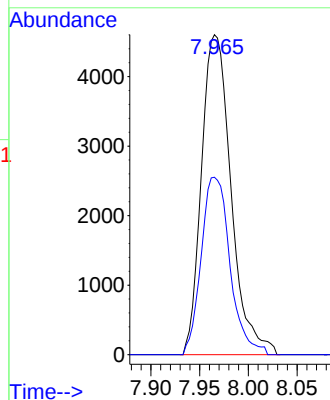
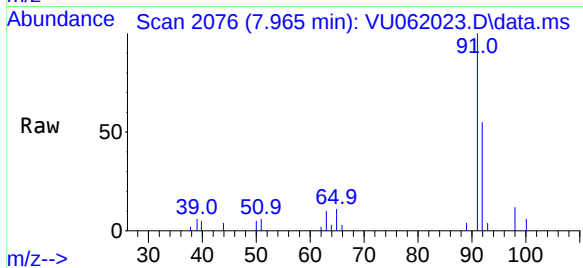
ClientSampleId :

Tgt Ion: 91 Resp: 9723

Ion Ratio Lower Upper

91 100

92 55.4 39.0 72.4



#49

Dibromochloromethane

Concen: 0.536 ug/L

RT: 8.804 min Scan# 2337

Delta R.T. 0.006 min

Lab File: VU062023.D

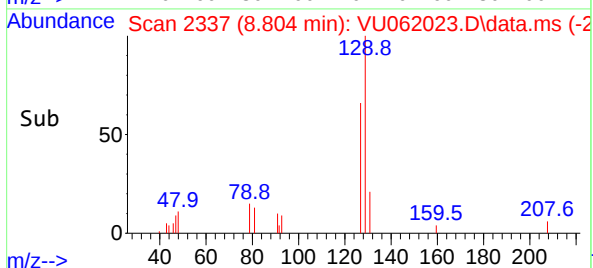
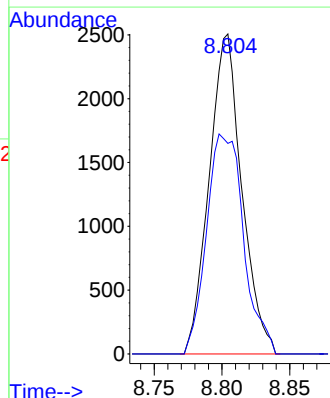
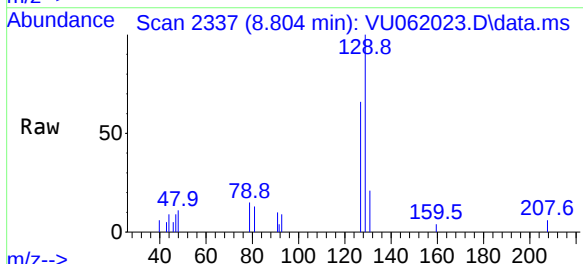
Acq: 25 Nov 2024 15:20

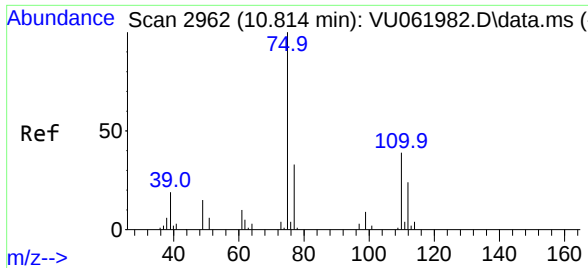
Tgt Ion: 129 Resp: 4205

Ion Ratio Lower Upper

129 100

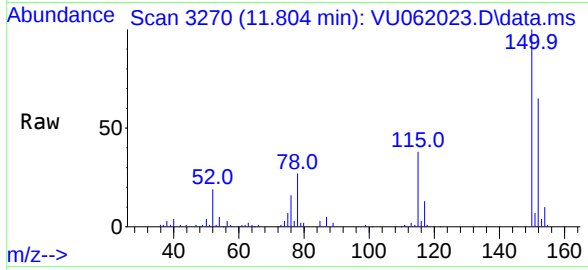
127 65.8 51.1 94.9





#61
 1,2,3-Trichloropropane
 Concen: 0.959 ug/L
 RT: 11.804 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU062023.D
 Acq: 25 Nov 2024 15:20

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 6457

Ion	Ratio	Lower	Upper
75	100		
110	1.0	28.9	43.3#
77	35.7	26.5	39.7

