

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120624\
 Data File : VU062099.D
 Acq On : 05 Dec 2024 15:27
 Operator : MD/SY
 Sample : P5104-02
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 06 02:28:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 06 02:27:00 2024
 Response via : Initial Calibration

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

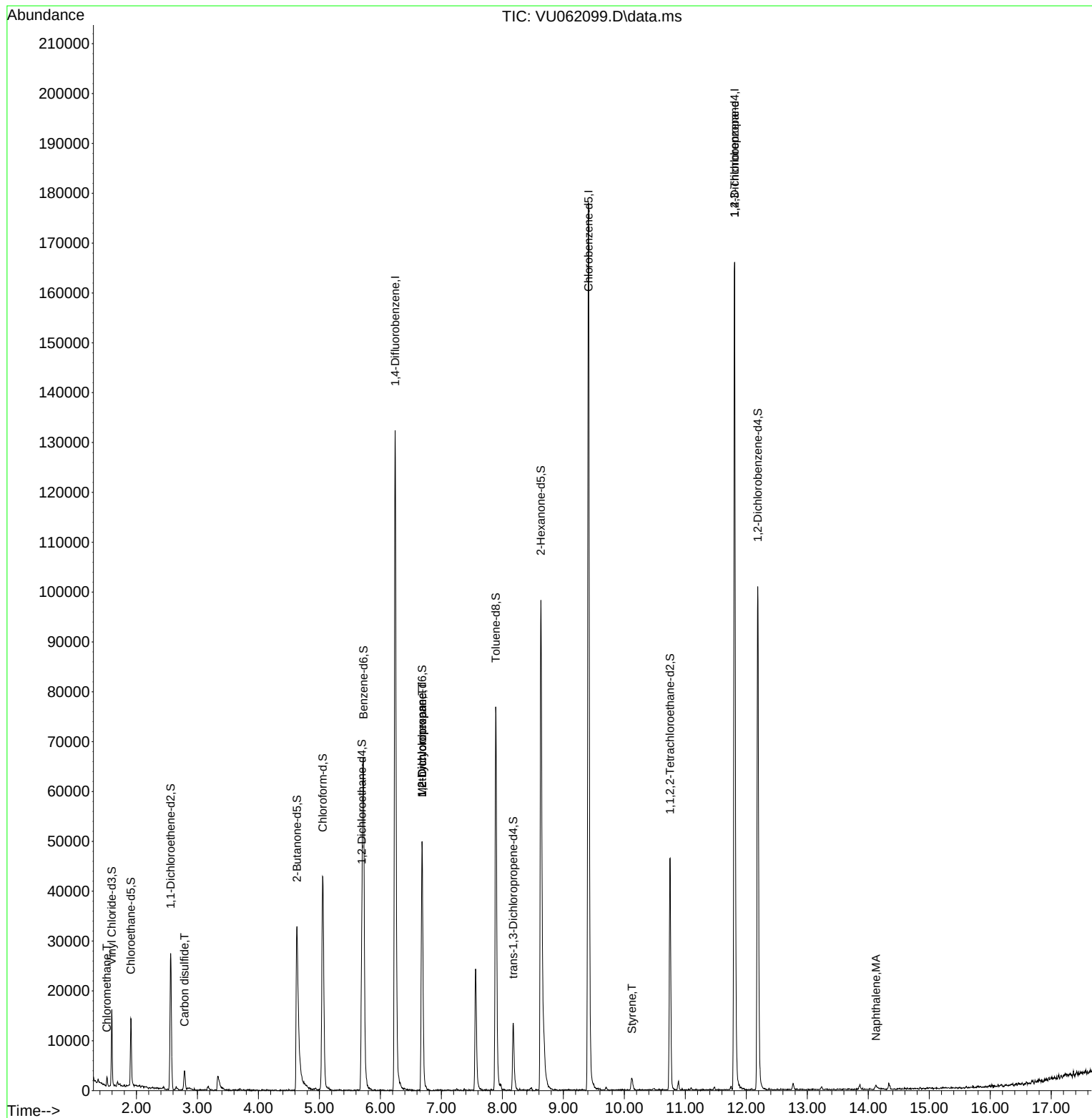
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	113295	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	104389	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	46636	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	9995	1.799	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	36.000%#
7) Chloroethane-d5	1.907	69	9833	2.000	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	40.000%#
11) 1,1-Dichloroethene-d2	2.560	65	5371	2.419	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	48.400%#
20) 2-Butanone-d5	4.631	46	52538	30.106	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	60.220%
24) Chloroform-d	5.052	84	43452	3.205	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	64.000%#
26) 1,2-Dichloroethane-d4	5.695	65	23386	3.352	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.000%#
32) Benzene-d6	5.721	84	64452	3.169	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	63.400%#
36) 1,2-Dichloropropane-d6	6.682	67	24203	3.502	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	70.000%
41) Toluene-d8	7.891	98	56311	3.320	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.400%#
43) trans-1,3-Dichloroprop...	8.177	79	9953	3.890	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.800%
46) 2-Hexanone-d5	8.631	63	36914	31.611	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	63.220%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	24156	3.498	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	70.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	28878	4.188	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.515	50	1307	0.128	ug/L #	82
14) Carbon disulfide	2.788	76	5470	0.226	ug/L	96
35) Methylcyclohexane	6.682	83	6283	0.488	ug/L #	19
37) 1,2-Dichloropropane	6.682	63	2762	0.337	ug/L #	87
55) Styrene	10.123	104	1968	0.085	ug/L	94
61) 1,2,3-Trichloropropane	11.807	75	5395	1.001	ug/L #	67
71) Naphthalene	14.126	128	1963	0.165	ug/L #	70

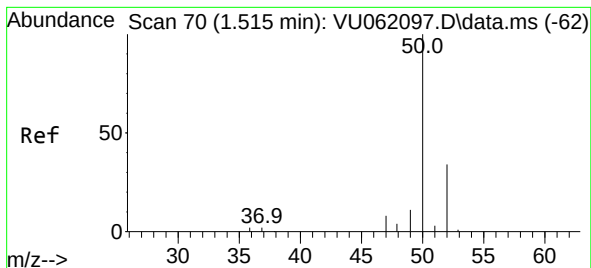
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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#3

Chloromethane

Concen: 0.128 ug/L

RT: 1.515 min Scan# 70

Delta R.T. -0.000 min

Lab File: VU062099.D

Acq: 05 Dec 2024 15:27

Instrument :

MSVOA_U

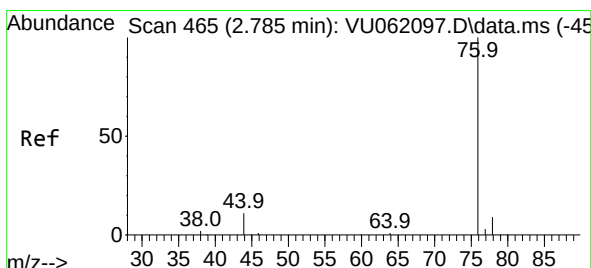
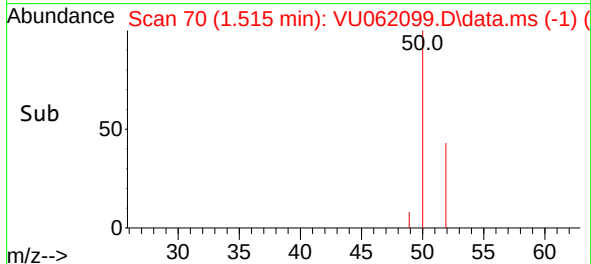
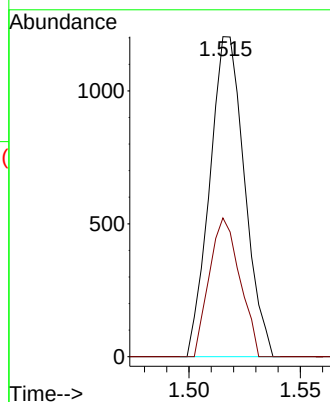
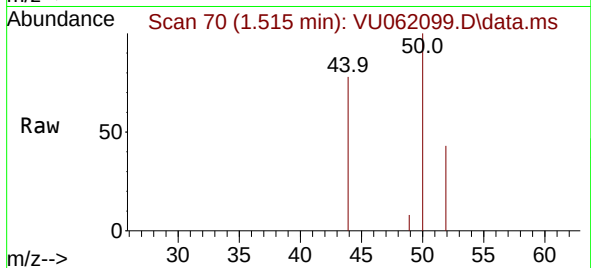
ClientSampleId :

Tgt Ion: 50 Resp: 1307

Ion Ratio Lower Upper

50 100

52 43.4 23.1 42.9#



#14

Carbon disulfide

Concen: 0.226 ug/L

RT: 2.788 min Scan# 466

Delta R.T. 0.003 min

Lab File: VU062099.D

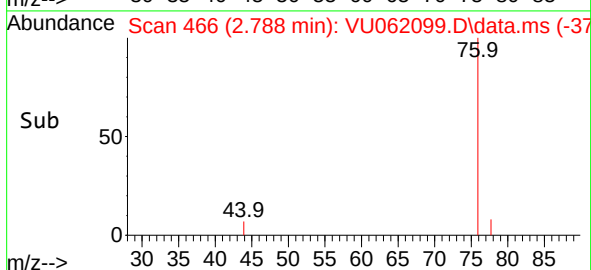
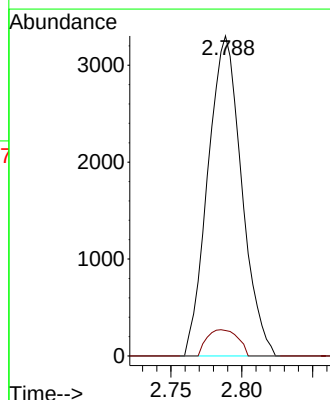
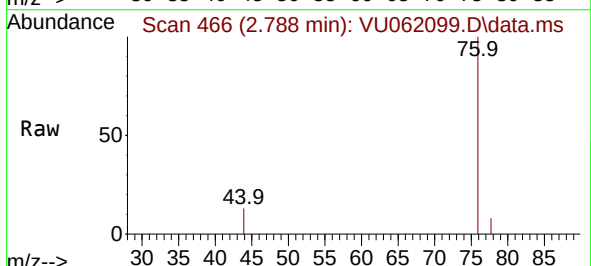
Acq: 05 Dec 2024 15:27

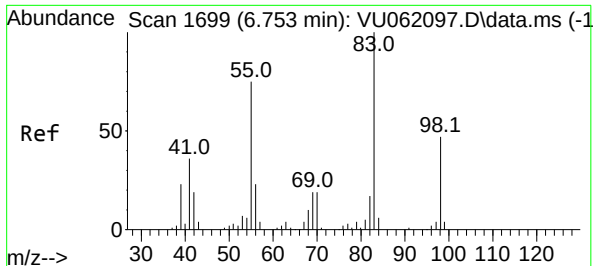
Tgt Ion: 76 Resp: 5470

Ion Ratio Lower Upper

76 100

78 7.9 7.5 11.3

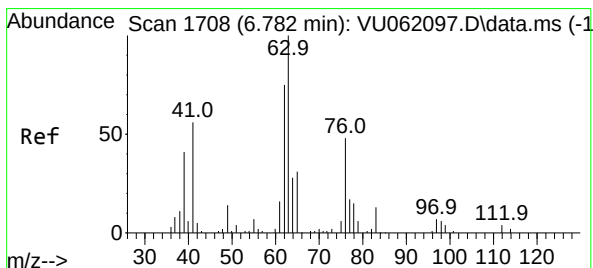
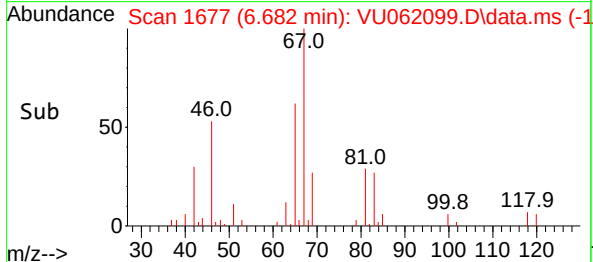
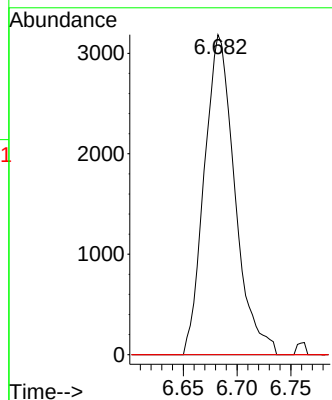
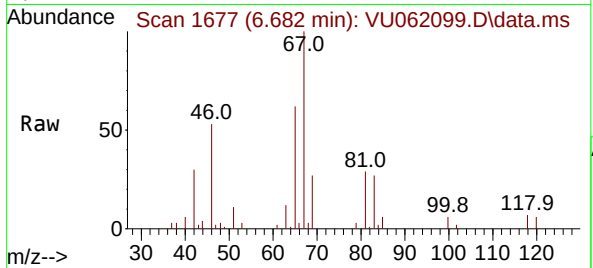




#35
Methylcyclohexane
Concen: 0.488 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.071 min
Lab File: VU062099.D
Acq: 05 Dec 2024 15:27

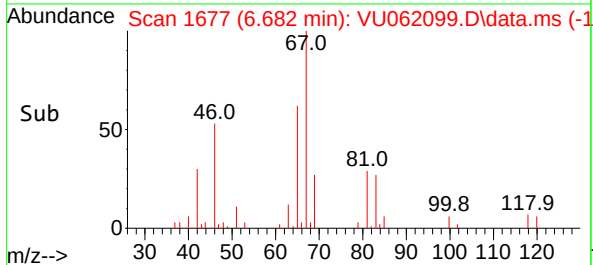
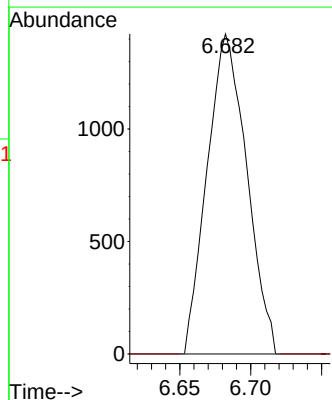
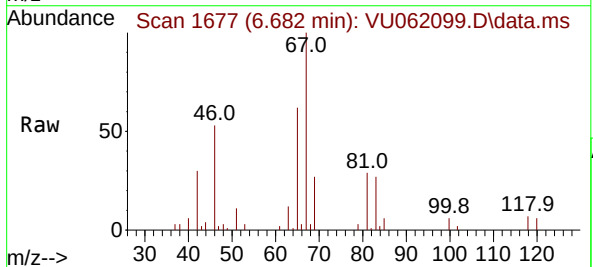
Instrument :
MSVOA_U
ClientSampleId :

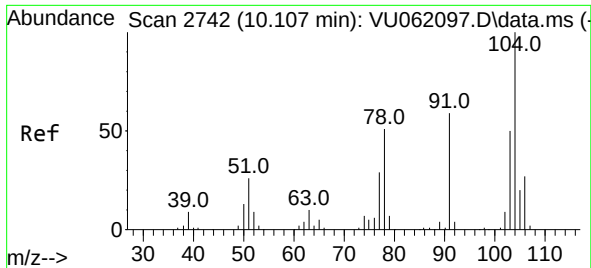
Tgt Ion: 83 Resp: 6283
Ion Ratio Lower Upper
83 100
55 0.0 60.7 91.1#
98 0.0 34.8 52.2#



#37
1,2-Dichloropropane
Concen: 0.337 ug/L
RT: 6.682 min Scan# 1677
Delta R.T. -0.100 min
Lab File: VU062099.D
Acq: 05 Dec 2024 15:27

Tgt Ion: 63 Resp: 2762
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

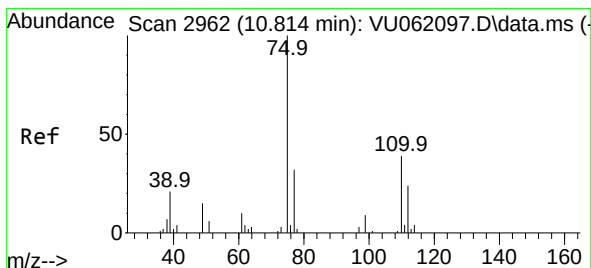
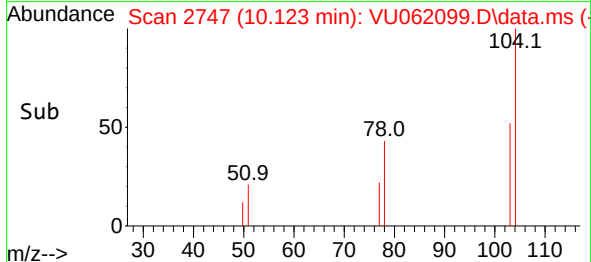
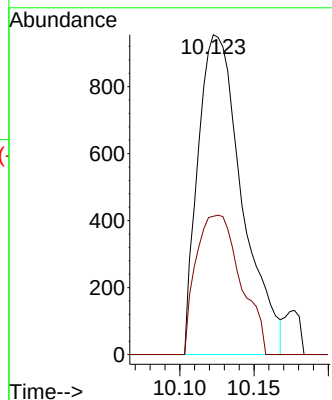
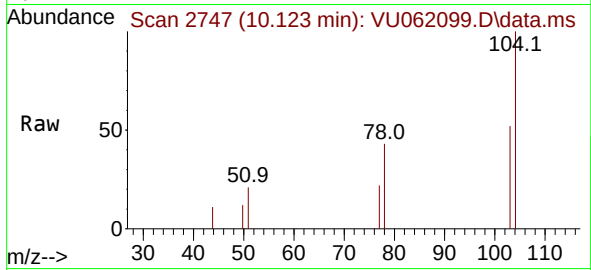




#55
Styrene
Concen: 0.085 ug/L
RT: 10.123 min Scan# 21
Delta R.T. 0.016 min
Lab File: VU062099.D
Acq: 05 Dec 2024 15:27

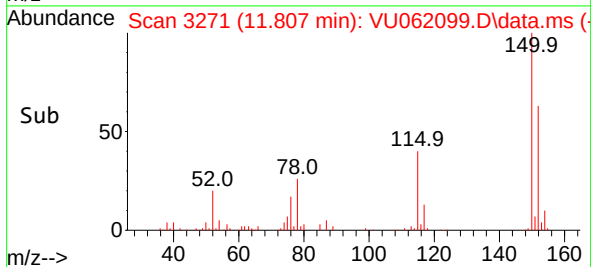
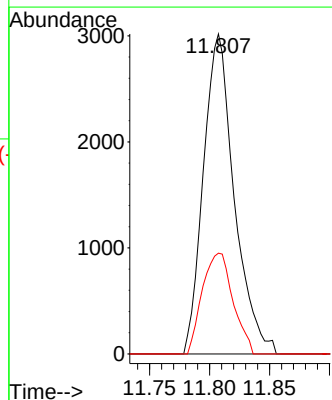
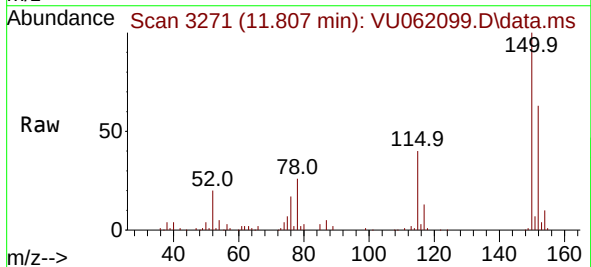
Instrument :
MSVOA_U
ClientSampleId :

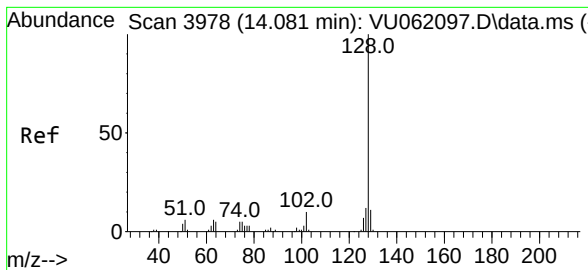
Tgt Ion:104 Resp: 1968
Ion Ratio Lower Upper
104 100
78 43.2 33.2 61.7



#61
1,2,3-Trichloropropane
Concen: 1.001 ug/L
RT: 11.807 min Scan# 3271
Delta R.T. 0.994 min
Lab File: VU062099.D
Acq: 05 Dec 2024 15:27

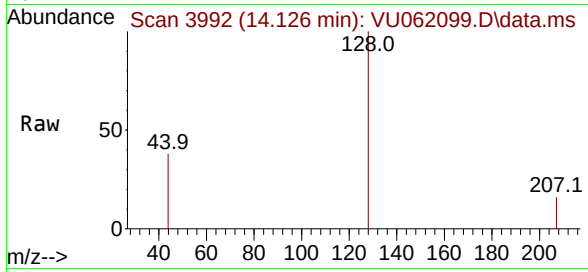
Tgt Ion: 75 Resp: 5395
Ion Ratio Lower Upper
75 100
110 0.0 28.9 43.3#
77 31.3 26.5 39.7





#71
Naphthalene
Concen: 0.165 ug/L
RT: 14.126 min Scan# 3992
Delta R.T. 0.045 min
Lab File: VU062099.D
Acq: 05 Dec 2024 15:27

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:	128	Resp:	1963
Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.5	12.7#
127	0.0	10.2	15.4#

