

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103124\
 Data File : VU061326.D
 Acq On : 31 Oct 2024 22:12
 Operator : MD/SY
 Sample : P4629-13
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 01 01:49:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 01 00:44:02 2024
 Response via : Initial Calibration

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

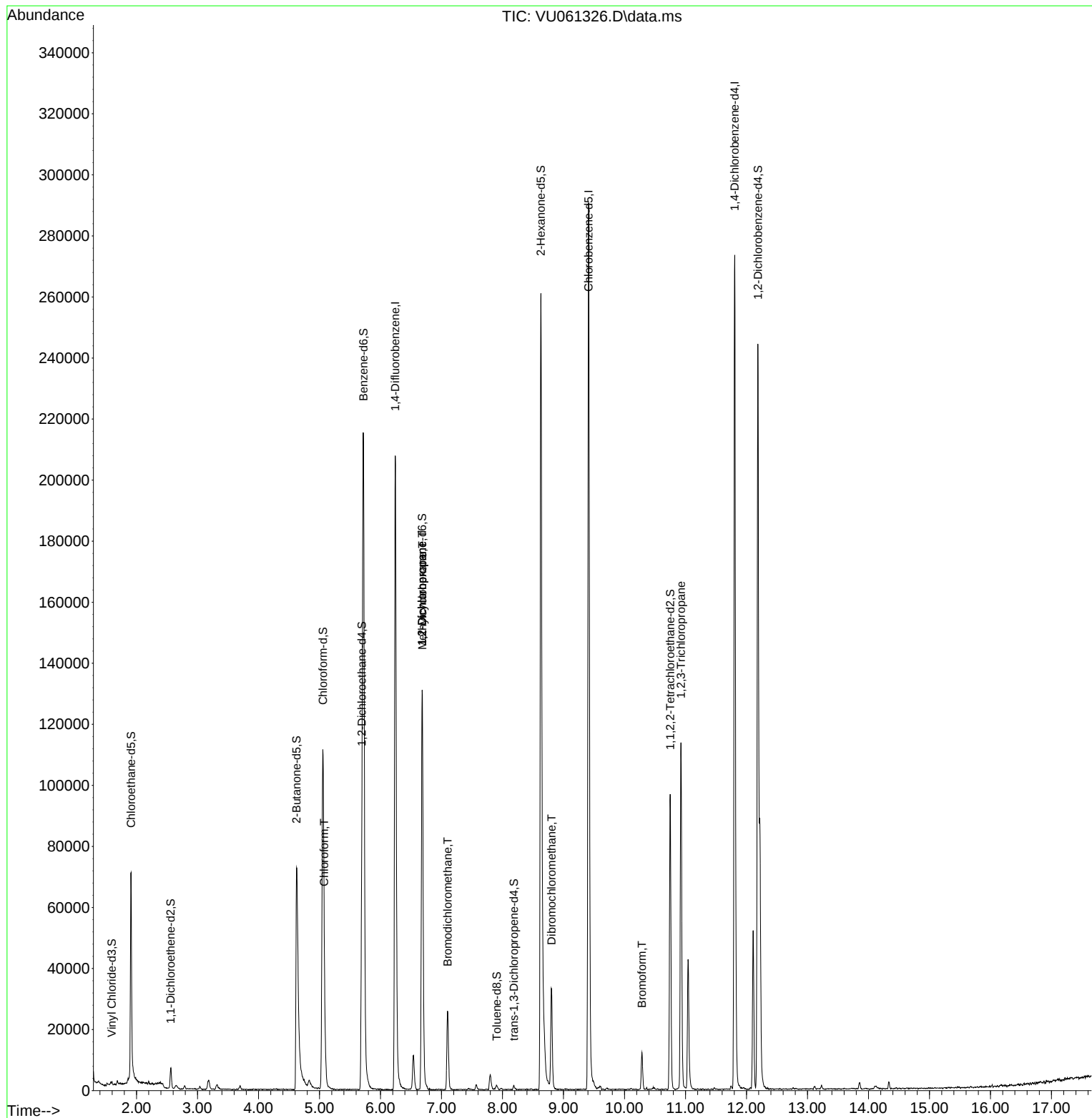
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	180386	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	167073	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	74747	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	297	0.024	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	0.400%#
7) Chloroethane-d5	1.910	69	48598	4.326	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.600%
11) 1,1-Dichloroethene-d2	2.560	65	1227	0.234	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	4.600%#
20) 2-Butanone-d5	4.624	46	115048	46.244	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.480%
24) Chloroform-d	5.055	84	102348	4.400	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
26) 1,2-Dichloroethane-d4	5.695	65	54733	4.721	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
32) Benzene-d6	5.721	84	209691	4.454	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
36) 1,2-Dichloropropane-d6	6.682	67	65106	4.600	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.000%
41) Toluene-d8	7.904	98	1414	0.032	ug/L	0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	0.600%#
43) trans-1,3-Dichloroprop...	8.187	79	947	0.164	ug/L	0.01
Spiked Amount	5.000	Range	55 - 130	Recovery	=	3.200%#
46) 2-Hexanone-d5	8.627	63	100593	42.512	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.020%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	48339	4.516	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	64621	4.882	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.600%
Target Compounds						
					Qvalue	
25) Chloroform	5.078	83	16507	0.706	ug/L	100
35) Methylcyclohexane	6.685	83	14823	0.663	ug/L #	22
37) 1,2-Dichloropropane	6.682	63	7344	0.561	ug/L #	89
38) Bromodichloromethane	7.100	83	17899	1.080	ug/L	96
49) Dibromochloromethane	8.804	129	16685	1.561	ug/L	94
59) Bromoform	10.286	173	5472	0.989	ug/L	93
61) 1,2,3-Trichloropropane	10.926	75	1481	0.199	ug/L #	56

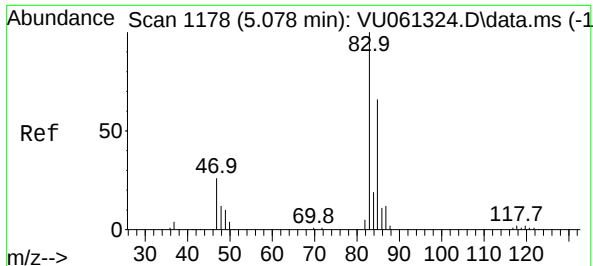
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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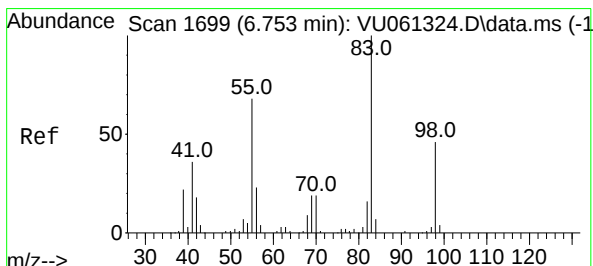
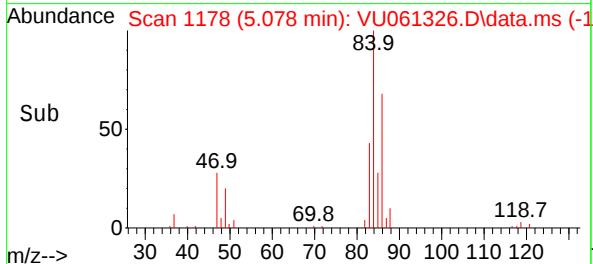
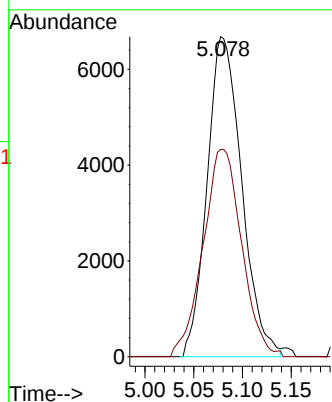
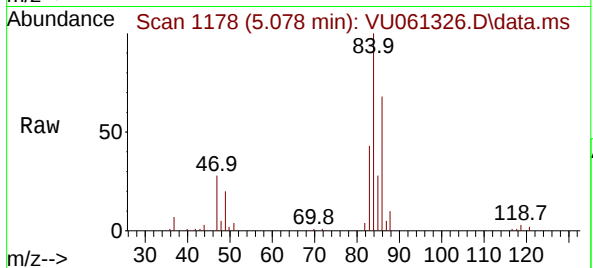




#25
Chloroform
Concen: 0.706 ug/L
RT: 5.078 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VU061326.D
Acq: 31 Oct 2024 22:12

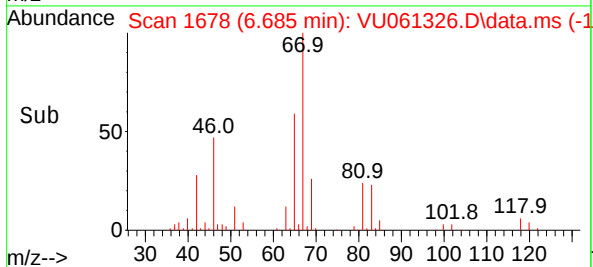
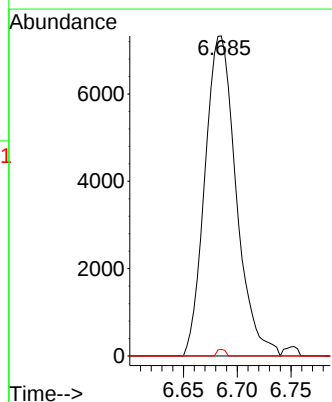
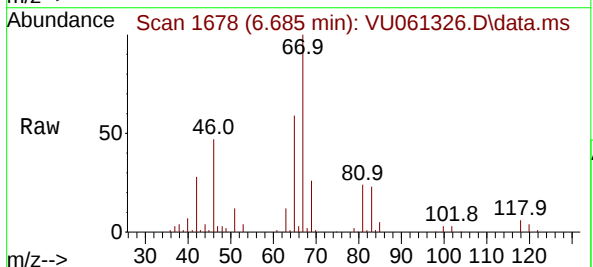
Instrument :
MSVOA_U
ClientSampleId :

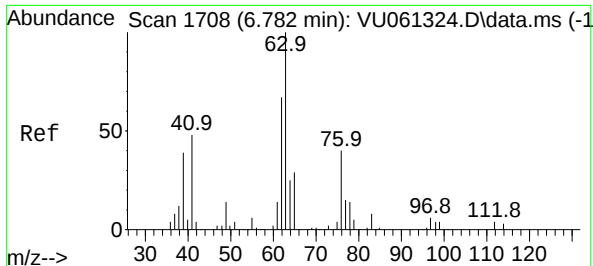
Tgt Ion: 83 Resp: 16507
Ion Ratio Lower Upper
83 100
85 64.8 45.6 84.6



#35
Methylcyclohexane
Concen: 0.663 ug/L
RT: 6.685 min Scan# 1678
Delta R.T. -0.068 min
Lab File: VU061326.D
Acq: 31 Oct 2024 22:12

Tgt Ion: 83 Resp: 14823
Ion Ratio Lower Upper
83 100
55 0.0 55.9 83.9#
98 0.5 35.9 53.9#

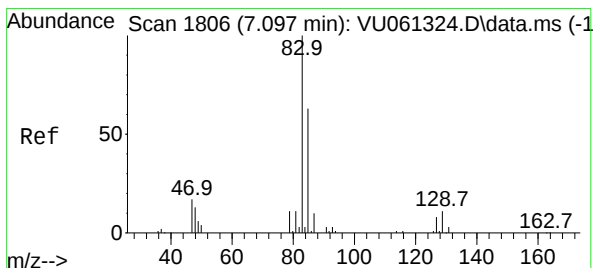
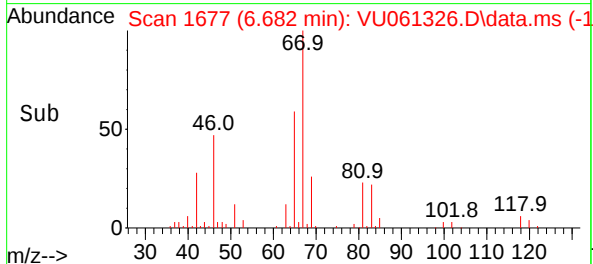
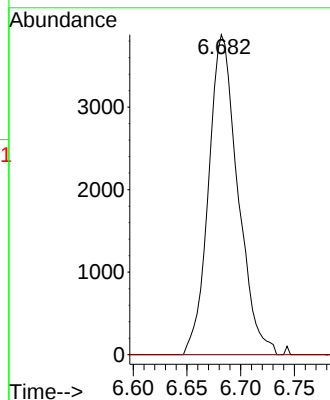
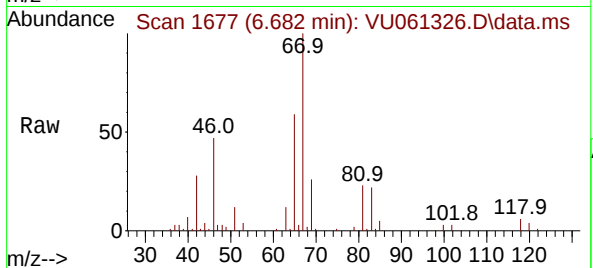




#37
1,2-Dichloropropane
Concen: 0.561 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU061326.D
Acq: 31 Oct 2024 22:12

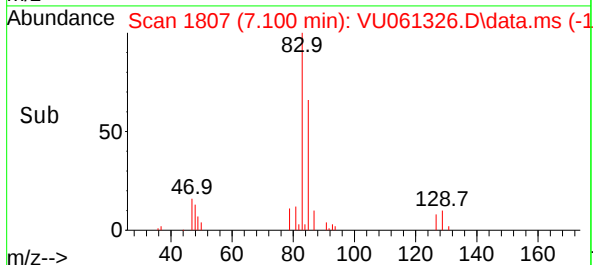
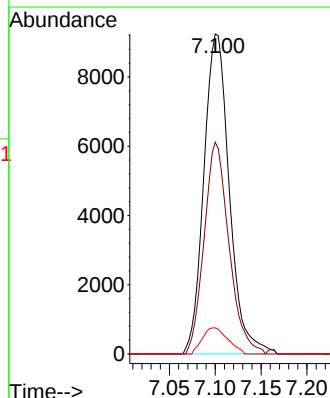
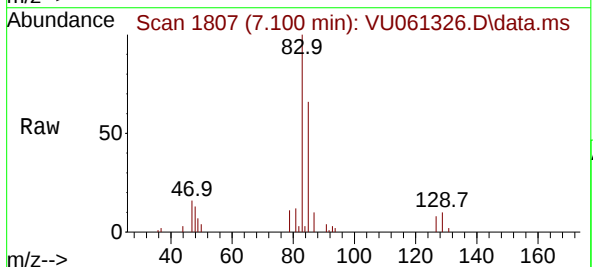
Instrument :
MSVOA_U
ClientSampleId :

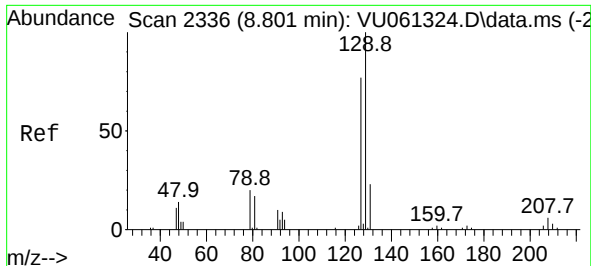
Tgt Ion: 63 Resp: 7344
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



#38
Bromodichloromethane
Concen: 1.080 ug/L
RT: 7.100 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VU061326.D
Acq: 31 Oct 2024 22:12

Tgt Ion: 83 Resp: 17899
Ion Ratio Lower Upper
83 100
85 66.1 43.8 81.4
127 8.1 7.4 11.0





#49

Dibromochloromethane

Concen: 1.561 ug/L

RT: 8.804 min Scan# 2336

Delta R.T. 0.003 min

Lab File: VU061326.D

Acq: 31 Oct 2024 22:12

Instrument :

MSVOA_U

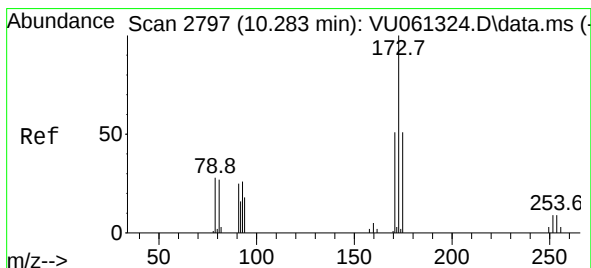
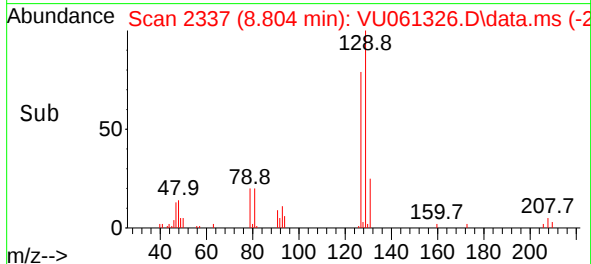
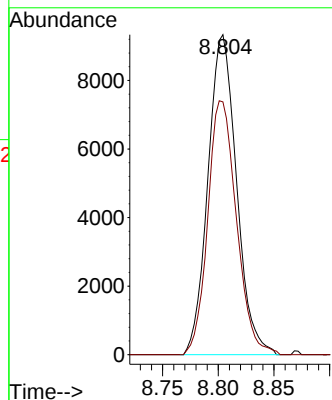
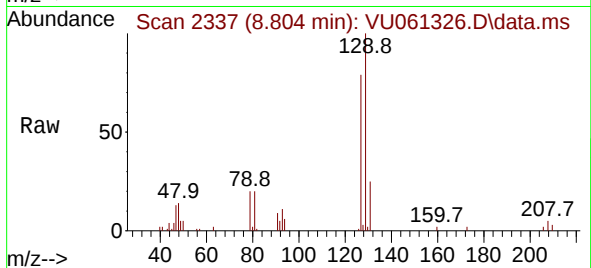
ClientSampleId :

Tgt Ion:129 Resp: 16685

Ion Ratio Lower Upper

129 100

127 79.0 51.8 96.2



#59

Bromoform

Concen: 0.989 ug/L

RT: 10.286 min Scan# 2798

Delta R.T. 0.003 min

Lab File: VU061326.D

Acq: 31 Oct 2024 22:12

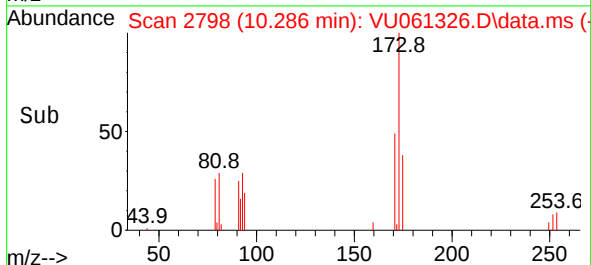
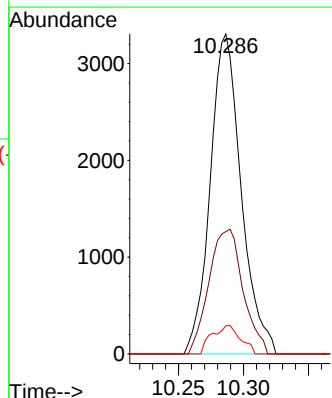
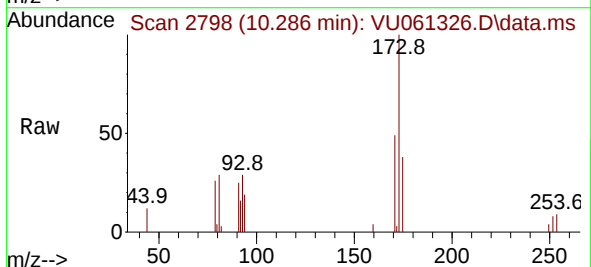
Tgt Ion:173 Resp: 5472

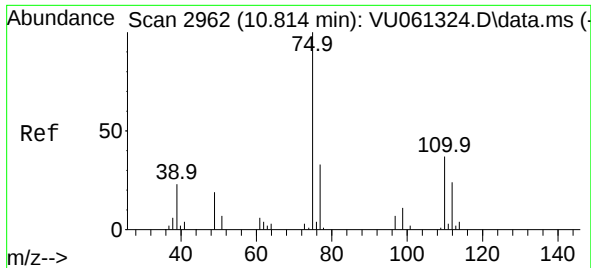
Ion Ratio Lower Upper

173 100

175 42.9 39.0 58.4

254 8.2 6.8 10.2





#61

1,2,3-Trichloropropane

Concen: 0.199 ug/L

RT: 10.926 min Scan# 20

Delta R.T. 0.112 min

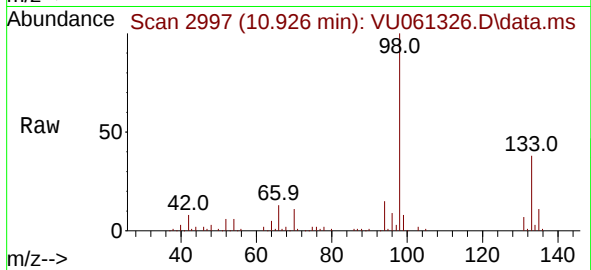
Lab File: VU061326.D

Acq: 31 Oct 2024 22:12

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 75 Resp: 1481

Ion Ratio Lower Upper

75 100

110 0.0 28.8 43.2#

77 45.5 25.7 38.5#

