

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072424\
 Data File : VU060163.D
 Acq On : 24 Jul 2024 19:03
 Operator : MD/SY
 Sample : P3280-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 25 05:16:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 25 05:11:47 2024
 Response via : Initial Calibration

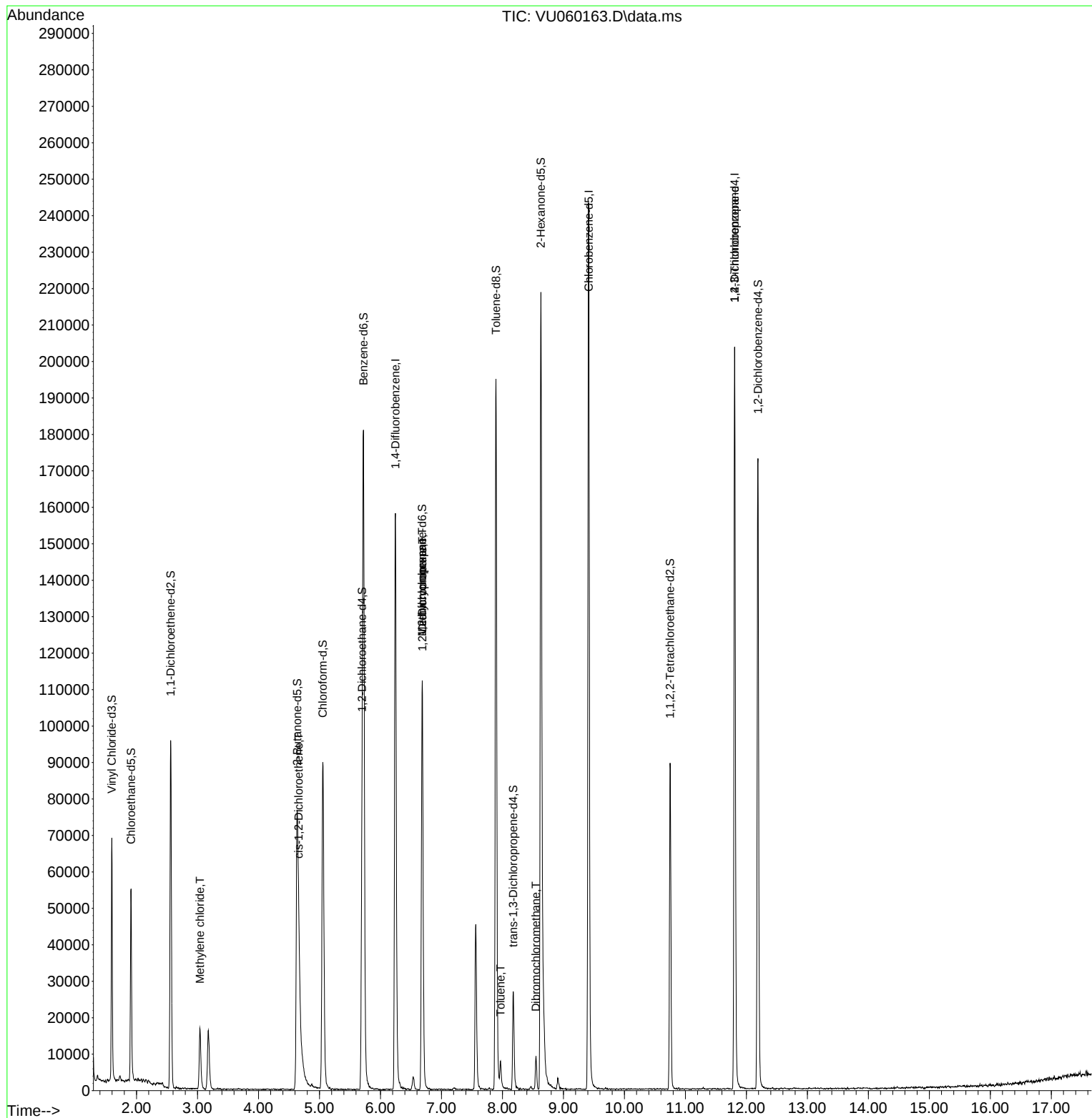
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	134102	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	144686	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	58076	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	46365	4.969	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.400%
7) Chloroethane-d5	1.910	69	41087	4.740	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.800%
11) 1,1-Dichloroethene-d2	2.560	65	18041	4.952	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.000%
20) 2-Butanone-d5	4.634	46	118818	54.469	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.940%
24) Chloroform-d	5.055	84	87525	4.463	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
26) 1,2-Dichloroethane-d4	5.698	65	44057	4.825	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
32) Benzene-d6	5.721	84	173596	4.478	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
36) 1,2-Dichloropropane-d6	6.685	67	58012	4.696	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.000%
41) Toluene-d8	7.894	98	138894	3.966	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.400%
43) trans-1,3-Dichloroprop...	8.177	79	16881	4.015	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.200%
46) 2-Hexanone-d5	8.630	63	78879	42.274	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.540%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	48249	4.389	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	50367	4.805	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.000%
Target Compounds						
16) Methylene chloride	3.039	84	8317	0.663	ug/L	90
22) cis-1,2-Dichloroethene	4.660	96	4215	0.353	ug/L	84
35) Methylcyclohexane	6.685	83	13043	0.785	ug/L #	21
37) 1,2-Dichloropropane	6.688	63	6148	0.476	ug/L #	88
42) Toluene	7.968	91	5574	0.110	ug/L	95
49) Dibromochloromethane	8.550	129	2062	0.189	ug/L #	10
61) 1,2,3-Trichloropropane	11.807	75	7204	1.177	ug/L #	62

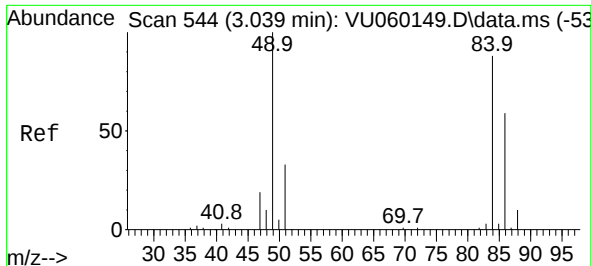
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jul 25 05:11:47 2024
Response via : Initial Calibration





#16

Methylene chloride

Concen: 0.663 ug/L

RT: 3.039 min Scan# 544

Delta R.T. -0.000 min

Lab File: VU060163.D

Acq: 24 Jul 2024 19:03

Instrument :

MSVOA_U

ClientSampleId :

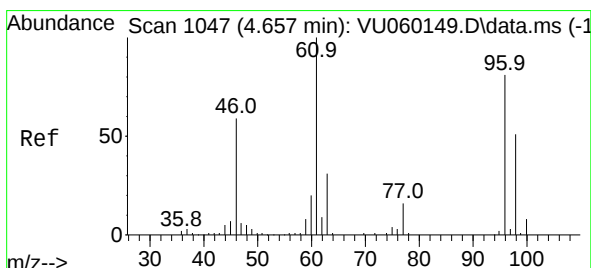
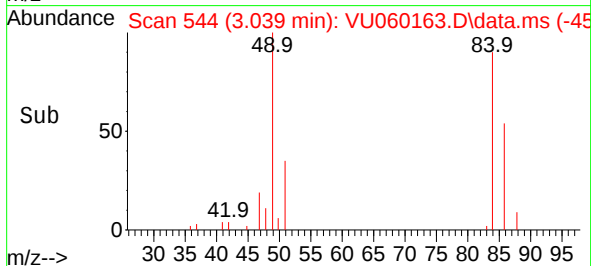
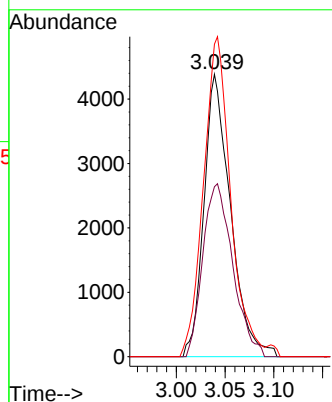
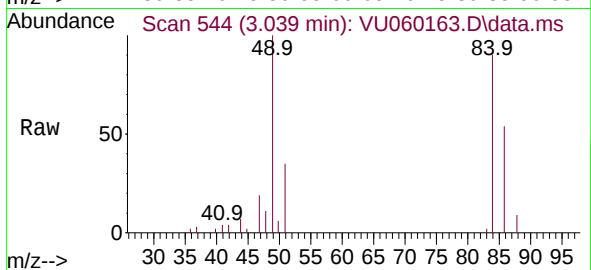
Tgt Ion: 84 Resp: 8317

Ion Ratio Lower Upper

84 100

86 60.2 44.4 82.5

49 117.1 72.0 133.6



#22

cis-1,2-Dichloroethene

Concen: 0.353 ug/L

RT: 4.660 min Scan# 1048

Delta R.T. 0.003 min

Lab File: VU060163.D

Acq: 24 Jul 2024 19:03

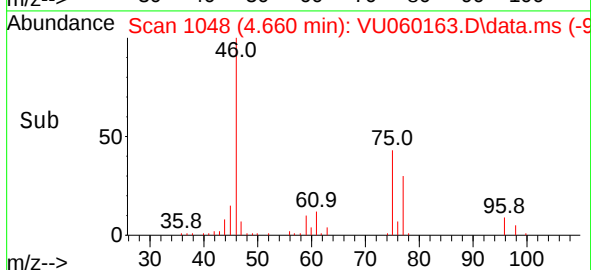
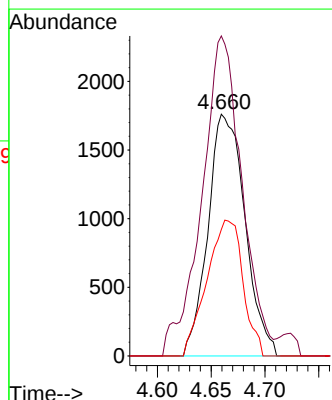
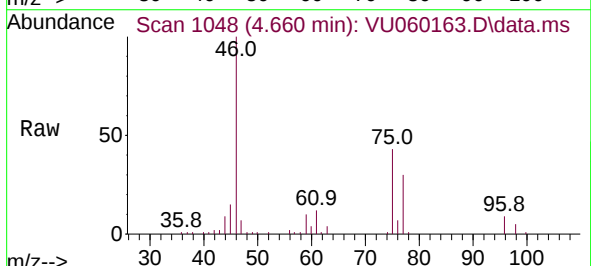
Tgt Ion: 96 Resp: 4215

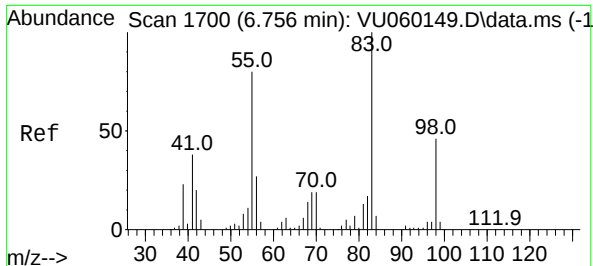
Ion Ratio Lower Upper

96 100

61 132.4 80.2 148.9

98 52.3 44.7 83.1





#35

Methylcyclohexane

Concen: 0.785 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU060163.D

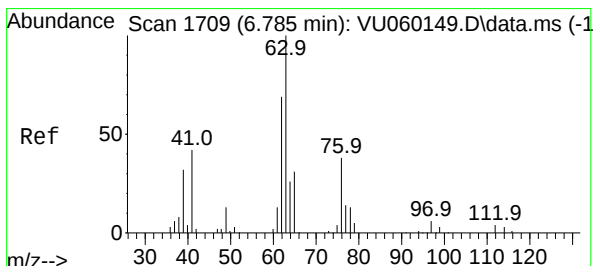
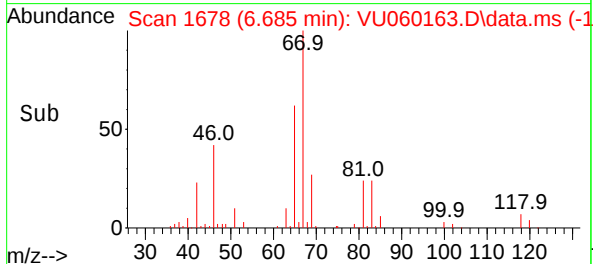
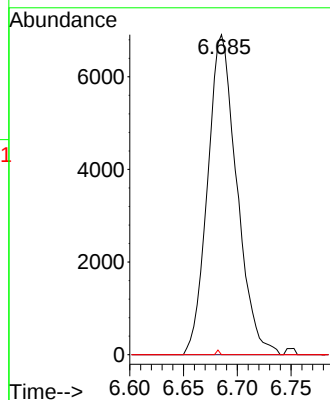
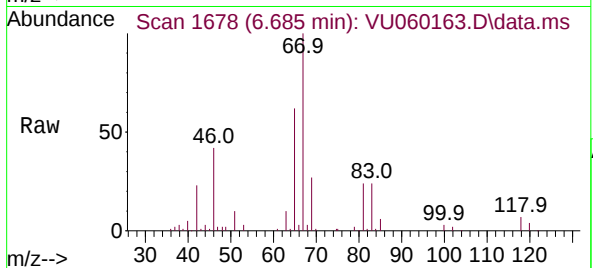
Acq: 24 Jul 2024 19:03

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 83	Resp: 13043
Ion Ratio	Lower Upper
83	100
55	0.0 56.7 85.1#
98	0.1 36.6 55.0#



#37

1,2-Dichloropropane

Concen: 0.476 ug/L

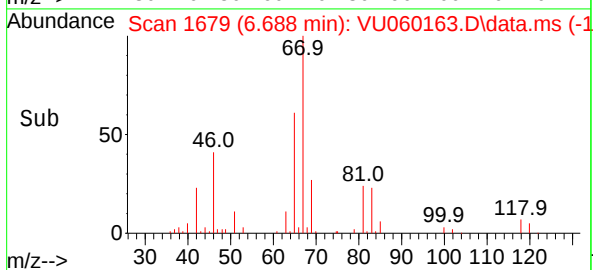
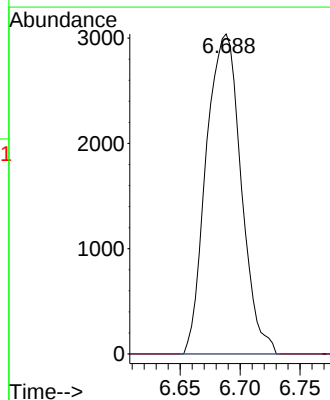
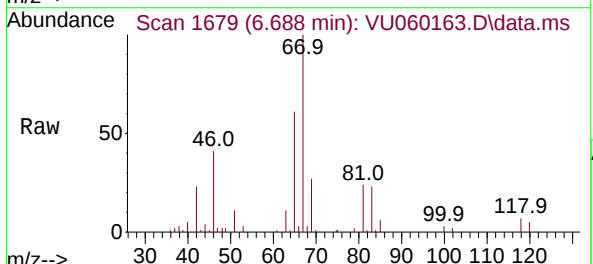
RT: 6.688 min Scan# 1679

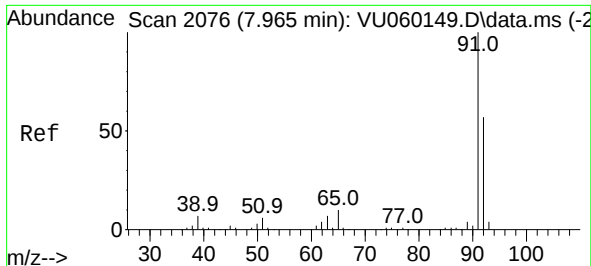
Delta R.T. -0.097 min

Lab File: VU060163.D

Acq: 24 Jul 2024 19:03

Tgt Ion: 63	Resp: 6148
Ion Ratio	Lower Upper
63	100
112	0.0 3.3 4.9#





#42

Toluene

Concen: 0.110 ug/L

RT: 7.968 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU060163.D

Acq: 24 Jul 2024 19:03

Instrument :

MSVOA_U

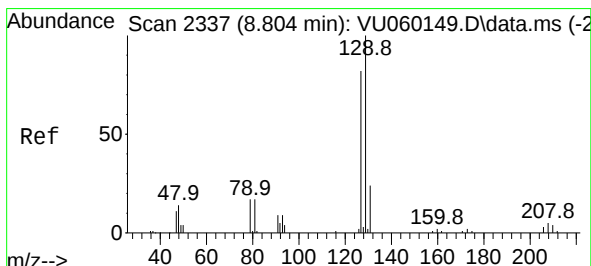
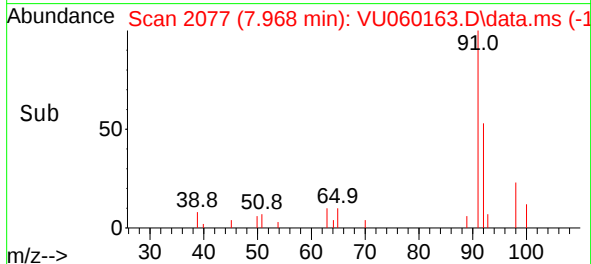
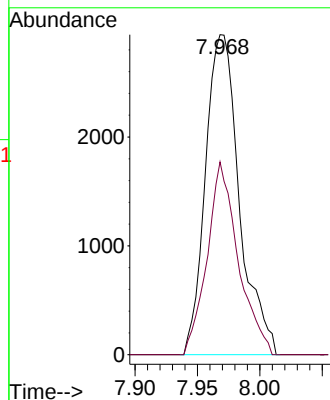
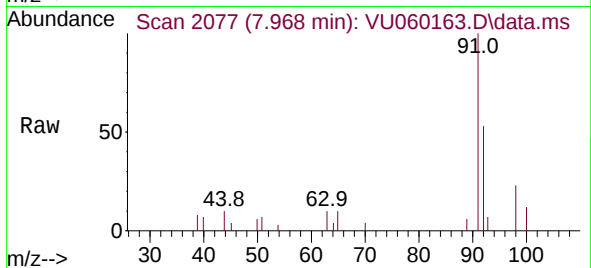
ClientSampleId :

Tgt Ion: 91 Resp: 5574

Ion Ratio Lower Upper

91 100

92 60.2 39.8 73.8



#49

Dibromochloromethane

Concen: 0.189 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. -0.254 min

Lab File: VU060163.D

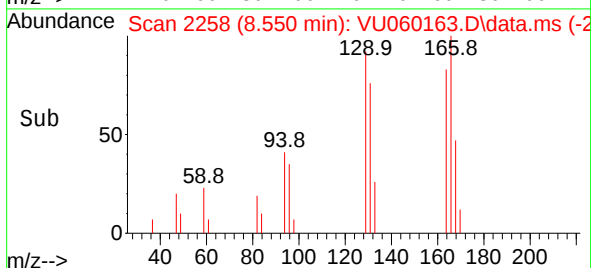
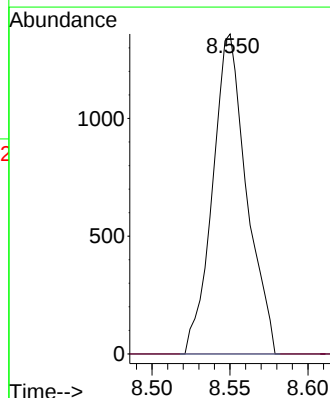
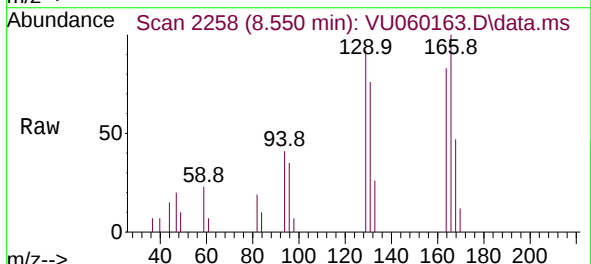
Acq: 24 Jul 2024 19:03

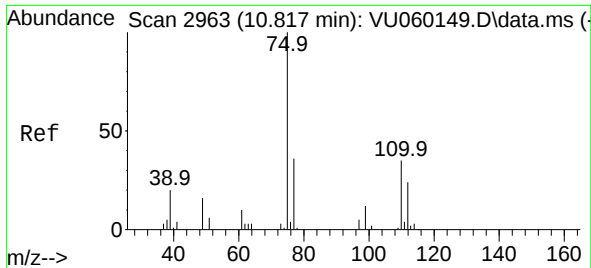
Tgt Ion: 129 Resp: 2062

Ion Ratio Lower Upper

129 100

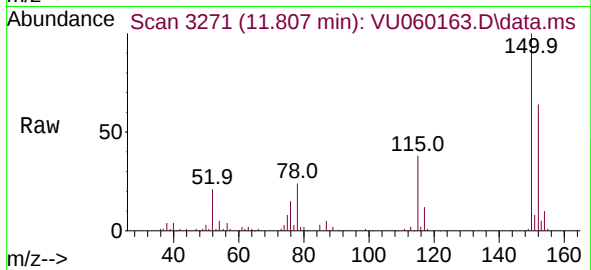
127 0.0 54.6 101.4#





#61
 1,2,3-Trichloropropane
 Concen: 1.177 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU060163.D
 Acq: 24 Jul 2024 19:03

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 7204
 Ion Ratio Lower Upper
 75 100
 110 0.0 30.8 46.2#
 77 28.7 26.2 39.2

