

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082324\
 Data File : VU060529.D
 Acq On : 23 Aug 2024 23:11
 Operator : MD/SY
 Sample : P3711-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 24 01:51:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 24 01:46:38 2024
 Response via : Initial Calibration

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

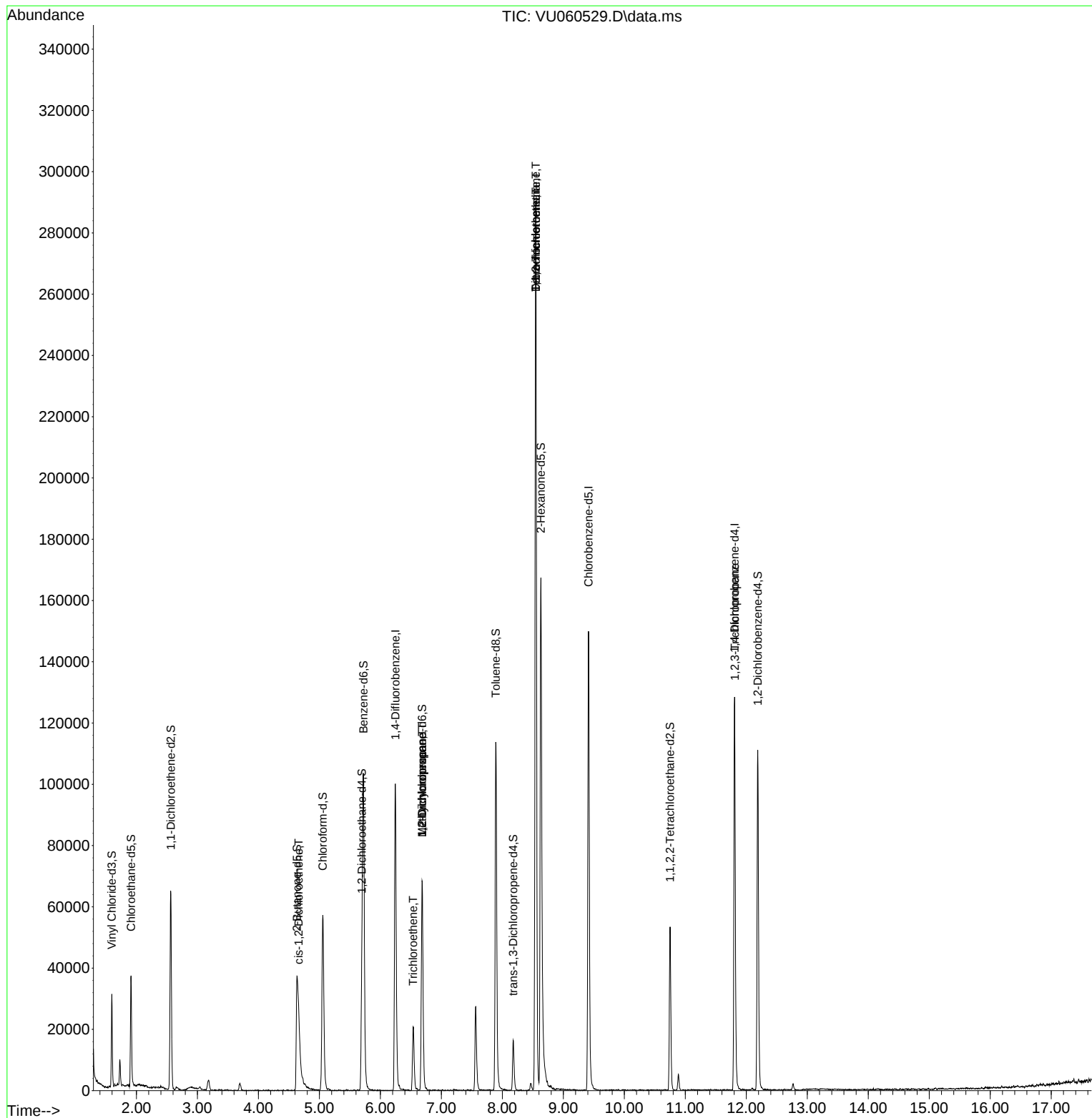
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	83458	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	86503	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	37916	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	20152	5.467	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	109.400%
7) Chloroethane-d5	1.911	69	26017	4.658	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.200%
11) 1,1-Dichloroethene-d2	2.563	65	12209	5.620	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	112.400%
20) 2-Butanone-d5	4.631	46	67352	53.134	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.260%
24) Chloroform-d	5.055	84	55041	5.237	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.800%
26) 1,2-Dichloroethane-d4	5.695	65	30219	5.510	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.200%
32) Benzene-d6	5.721	84	96409	5.097	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.000%
36) 1,2-Dichloropropane-d6	6.682	67	33752	5.530	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.600%
41) Toluene-d8	7.891	98	81606	4.599	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
43) trans-1,3-Dichloroprop...	8.177	79	10946	5.012	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.200%
46) 2-Hexanone-d5	8.631	63	58877	56.308	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.620%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	27518	5.067	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	31104	5.564	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.200%
Target Compounds						Qvalue
22) cis-1,2-Dichloroethene	4.660	96	3697	0.557	ug/L #	72
34) Trichloroethene	6.534	95	7618	1.024	ug/L	89
35) Methylcyclohexane	6.685	83	7936	0.778	ug/L #	22
37) 1,2-Dichloropropane	6.685	63	3562	0.507	ug/L #	91
45) 1,1,2-Trichloroethane	8.547	97	445	0.087	ug/L #	1
47) Tetrachloroethene	8.547	164	64911	10.649	ug/L	97
49) Dibromochloromethane	8.547	129	63758	10.814	ug/L #	12
61) 1,2,3-Trichloropropane	11.811	75	3893	1.064	ug/L #	62

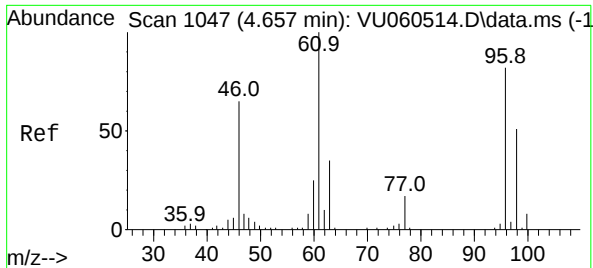
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#22

cis-1,2-Dichloroethene

Concen: 0.557 ug/L

RT: 4.660 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU060529.D

Acq: 23 Aug 2024 23:11

Instrument :

MSVOA_U

ClientSampleId :

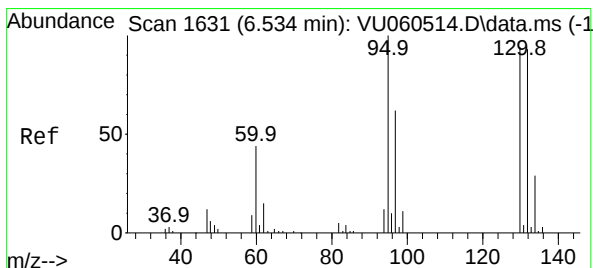
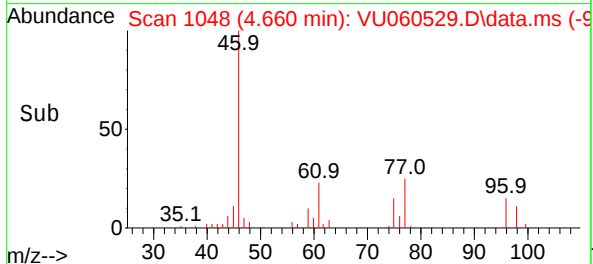
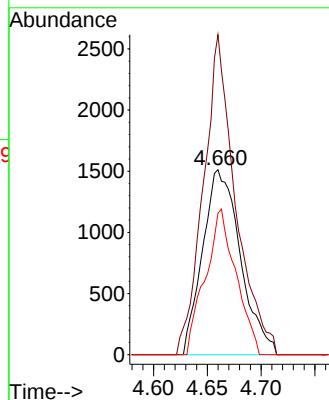
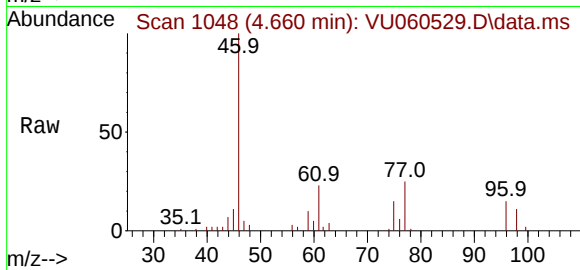
Tgt Ion: 96 Resp: 3697

Ion Ratio Lower Upper

96 100

61 173.1 92.9 172.5#

98 76.5 45.0 83.6



#34

Trichloroethene

Concen: 1.024 ug/L

RT: 6.534 min Scan# 1631

Delta R.T. 0.000 min

Lab File: VU060529.D

Acq: 23 Aug 2024 23:11

Tgt Ion: 95 Resp: 7618

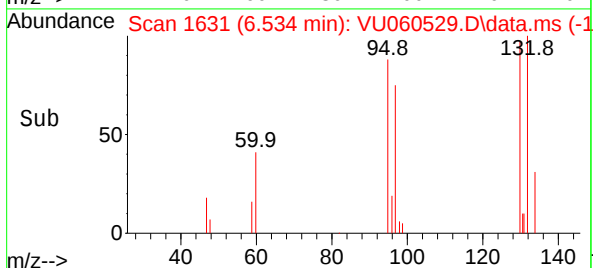
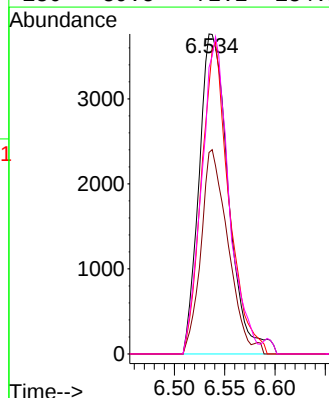
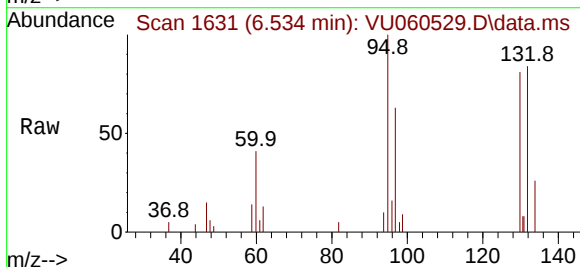
Ion Ratio Lower Upper

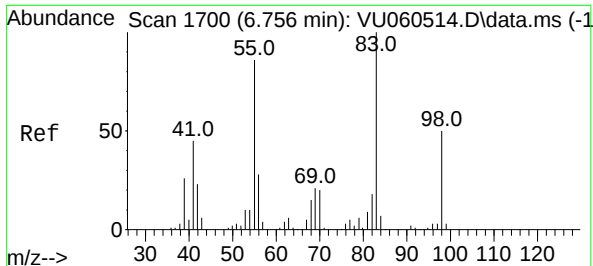
95 100

97 62.9 45.8 85.2

132 83.8 67.4 125.2

130 89.5 72.2 134.2





#35

Methylcyclohexane

Concen: 0.778 ug/L

RT: 6.685 min Scan# 1

Delta R.T. -0.071 min

Lab File: VU060529.D

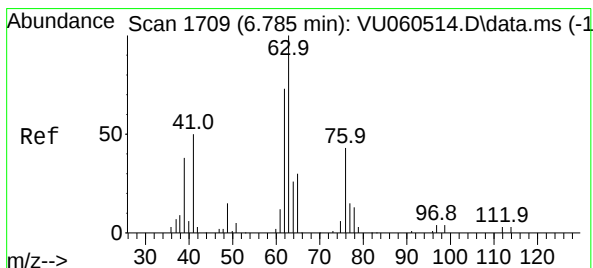
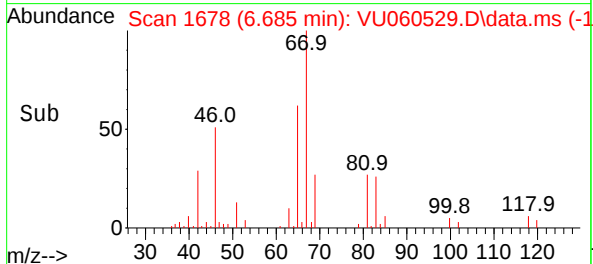
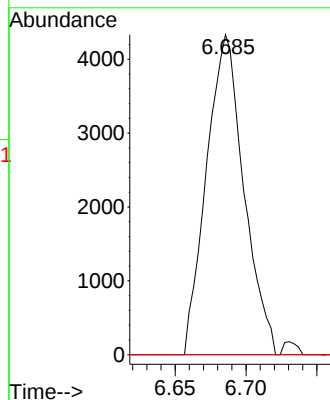
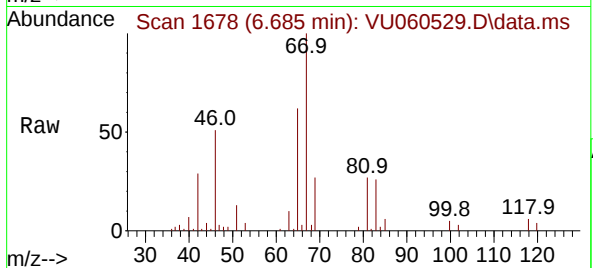
Acq: 23 Aug 2024 23:11

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	83	Resp:	7936
Ion Ratio	Lower	Upper	
83	100		
55	0.0	65.8	98.8#
98	10.8	37.8	56.8#



#37

1,2-Dichloropropane

Concen: 0.507 ug/L

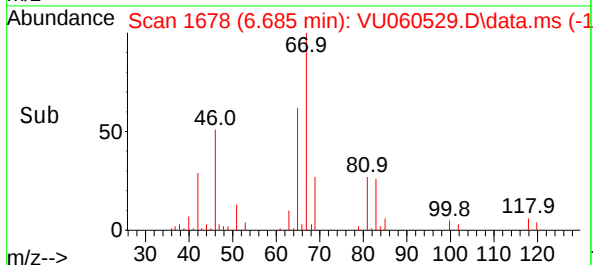
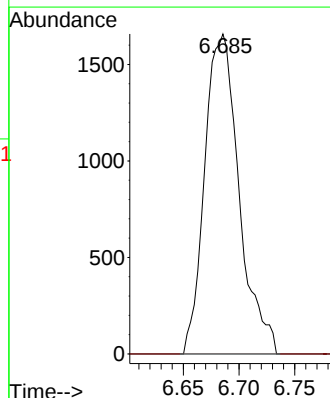
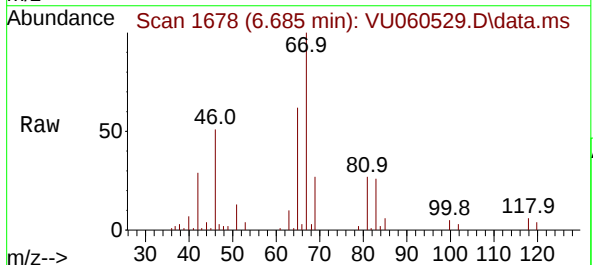
RT: 6.685 min Scan# 1678

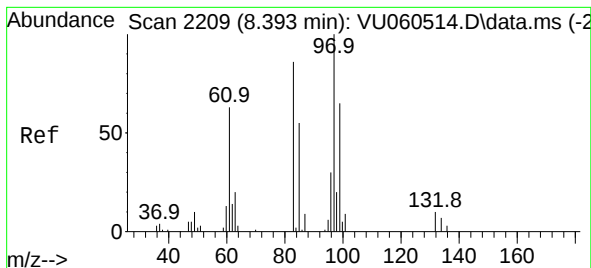
Delta R.T. -0.100 min

Lab File: VU060529.D

Acq: 23 Aug 2024 23:11

Tgt Ion:	63	Resp:	3562
Ion Ratio	Lower	Upper	
63	100		
112	0.0	2.3	3.5#





#45

1,1,2-Trichloroethane

Concen: 0.087 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.154 min

Lab File: VU060529.D

Acq: 23 Aug 2024 23:11

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 445

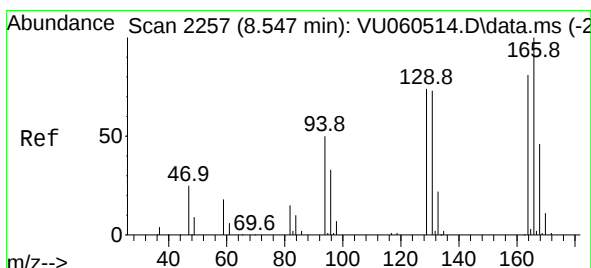
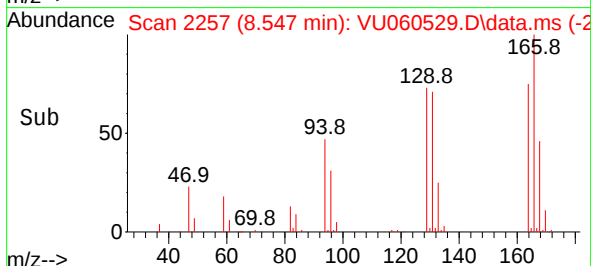
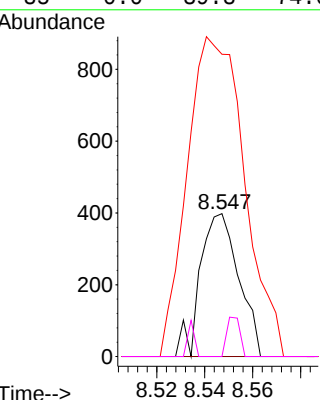
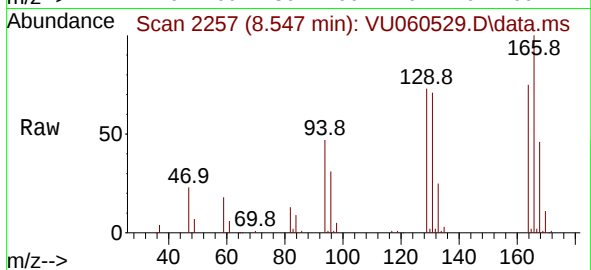
Ion Ratio Lower Upper

97 100

99 0.0 42.4 78.8#

83 211.6 64.0 119.0#

85 0.0 39.8 74.0#



#47

Tetrachloroethene

Concen: 10.649 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.000 min

Lab File: VU060529.D

Acq: 23 Aug 2024 23:11

Tgt Ion:164 Resp: 64911

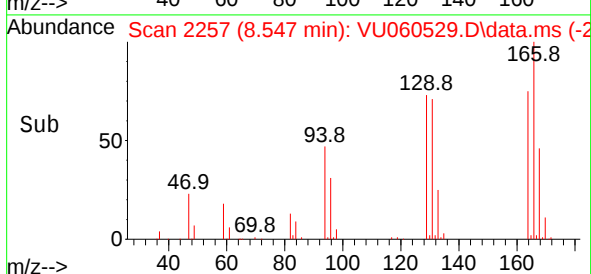
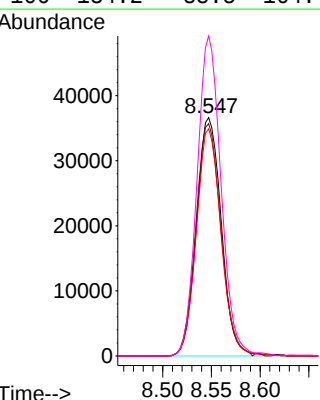
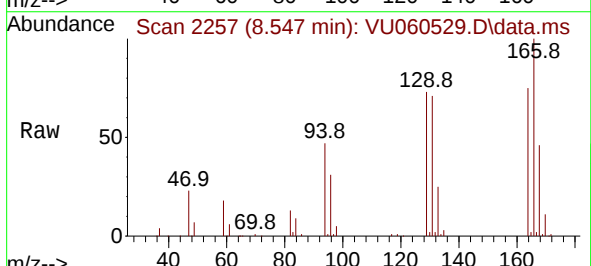
Ion Ratio Lower Upper

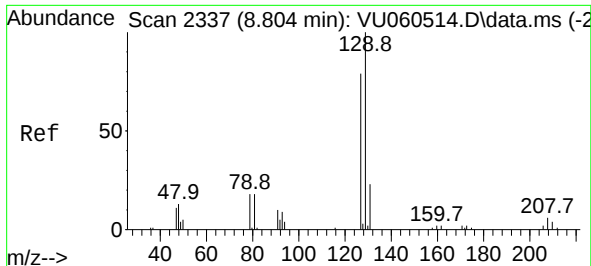
164 100

129 97.4 67.8 125.8

131 95.2 67.2 124.8

166 134.2 88.5 164.4





#49

Dibromochloromethane

Concen: 10.814 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU060529.D

Acq: 23 Aug 2024 23:11

Instrument :

MSVOA_U

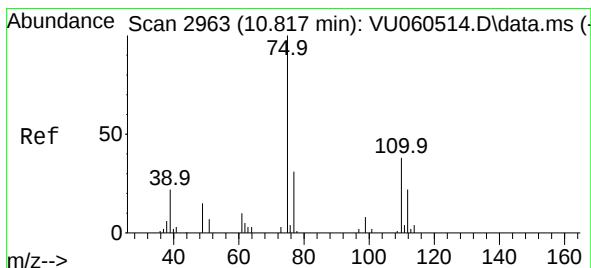
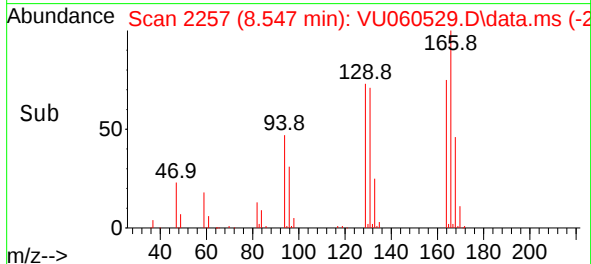
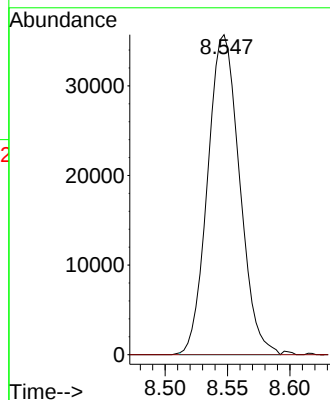
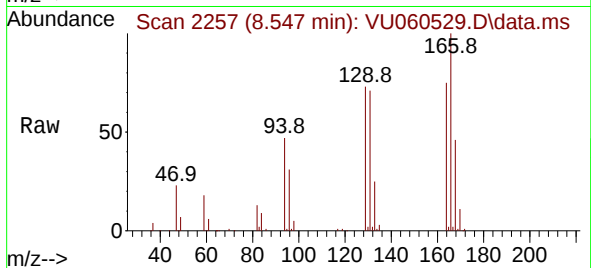
ClientSampleId :

Tgt Ion:129 Resp: 63758

Ion Ratio Lower Upper

129 100

127 0.0 53.0 98.4#



#61

1,2,3-Trichloropropane

Concen: 1.064 ug/L

RT: 11.811 min Scan# 3272

Delta R.T. 0.994 min

Lab File: VU060529.D

Acq: 23 Aug 2024 23:11

Tgt Ion: 75 Resp: 3893

Ion Ratio Lower Upper

75 100

110 1.2 30.2 45.4#

77 38.3 25.4 38.2#

