

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041124\
 Data File : VV035150.D
 Acq On : 12 Apr 2024 02:30
 Operator : SY/MD
 Sample : P2057-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 12 05:55:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 12 02:02:37 2024
 Response via : Initial Calibration

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

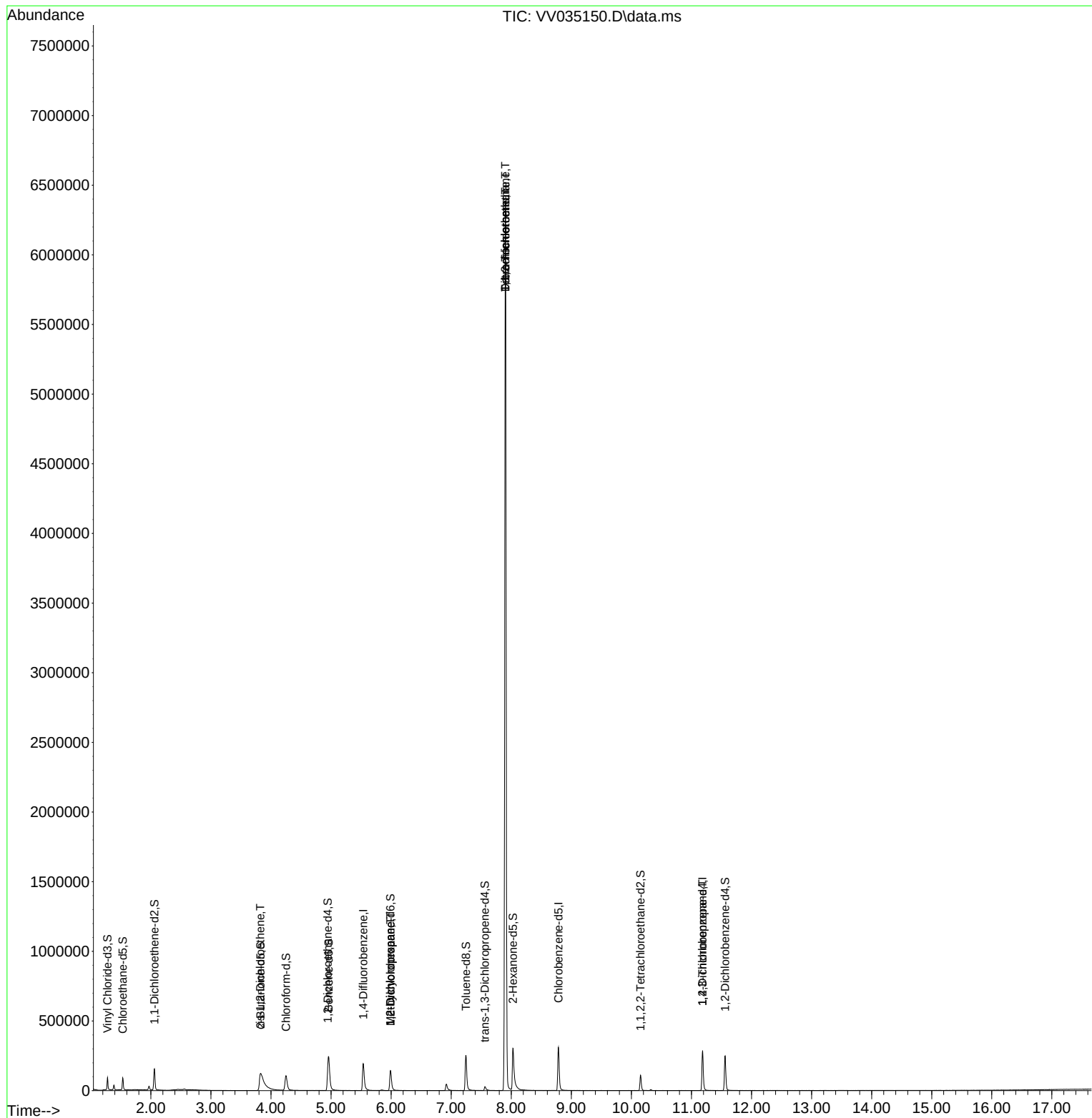
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	173579	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	176753	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	75413	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	53899	3.768	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.400%
7) Chloroethane-d5	1.532	69	55787	4.730	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.600%
11) 1,1-Dichloroethene-d2	2.060	65	26344	4.055	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.000%
20) 2-Butanone-d5	3.825	46	149648	66.859	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	133.720%#
24) Chloroform-d	4.249	84	117066	5.057	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.200%
26) 1,2-Dichloroethane-d4	4.944	65	59035	5.648	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.000%
32) Benzene-d6	4.960	84	227083	4.911	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
36) 1,2-Dichloropropane-d6	5.989	67	76122	5.609	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.200%
41) Toluene-d8	7.246	98	181834	4.329	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.600%
43) trans-1,3-Dichloroprop...	7.561	79	18650	3.869	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.400%
46) 2-Hexanone-d5	8.027	63	118486	71.614	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	143.220%#
56) 1,1,2,2-Tetrachloroeth...	10.153	84	55266	5.837	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	116.800%
66) 1,2-Dichlorobenzene-d4	11.561	152	66541	5.602	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.000%
Target Compounds						
					Qvalue	
22) cis-1,2-Dichloroethene	3.822	96	2881	0.211	ug/L #	33
35) Methylcyclohexane	5.989	83	17680	0.823	ug/L #	19
37) 1,2-Dichloropropane	5.989	63	8101	0.577	ug/L #	87
45) 1,1,2-Trichloroethane	7.902	97	11307	1.226	ug/L #	1
47) Tetrachloroethene	7.902	164	1366587	129.010	ug/L	98
49) Dibromochloromethane	7.902	129	1235825	113.889	ug/L #	9
61) 1,2,3-Trichloropropane	11.185	75	9496	1.349	ug/L #	65

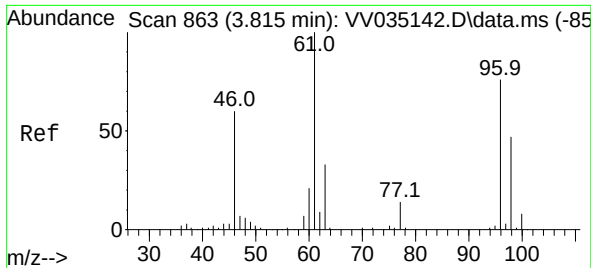
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Apr 12 02:02:37 2024
Response via : Initial Calibration





#22

cis-1,2-Dichloroethene

Concen: 0.211 ug/L

RT: 3.822 min Scan# 80

Delta R.T. 0.006 min

Lab File: VV035150.D

Acq: 12 Apr 2024 02:30

Instrument :

MSVOA_V

ClientSampleId :

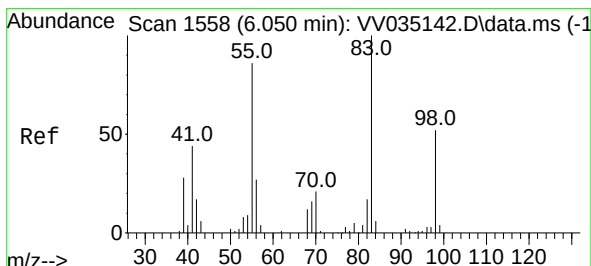
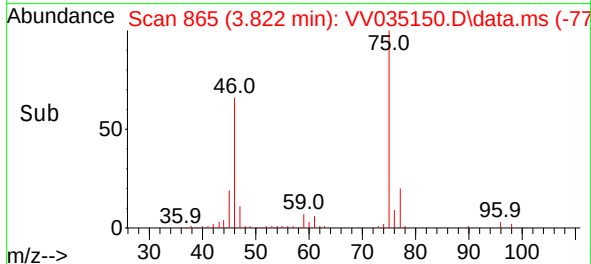
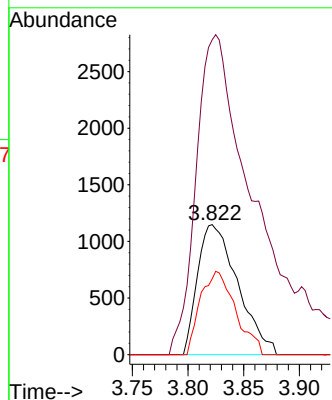
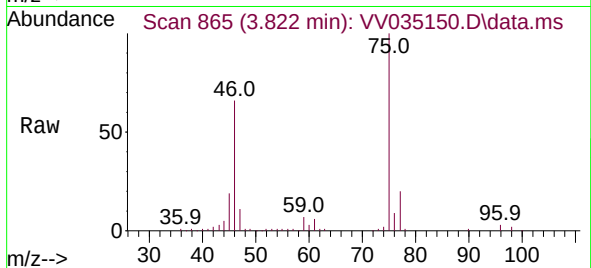
Tgt Ion: 96 Resp: 2881

Ion Ratio Lower Upper

96 100

61 242.0 90.3 167.7#

98 58.3 42.7 79.3



#35

Methylcyclohexane

Concen: 0.823 ug/L

RT: 5.989 min Scan# 1539

Delta R.T. -0.061 min

Lab File: VV035150.D

Acq: 12 Apr 2024 02:30

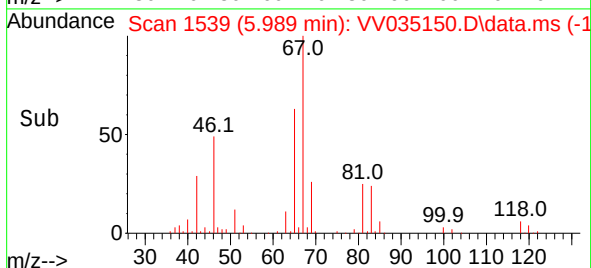
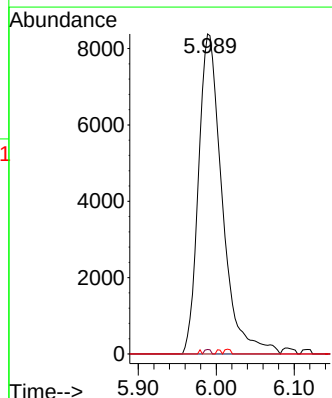
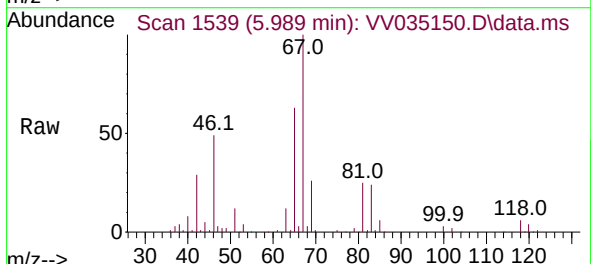
Tgt Ion: 83 Resp: 17680

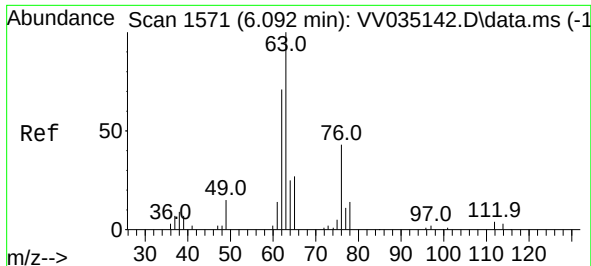
Ion Ratio Lower Upper

83 100

55 0.4 60.6 91.0#

98 0.1 37.8 56.6#





#37

1,2-Dichloropropane

Concen: 0.577 ug/L

RT: 5.989 min Scan# 1

Delta R.T. -0.103 min

Lab File: VV035150.D

Acq: 12 Apr 2024 02:30

Instrument :

MSVOA_V

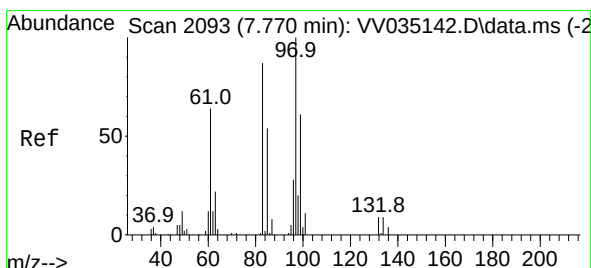
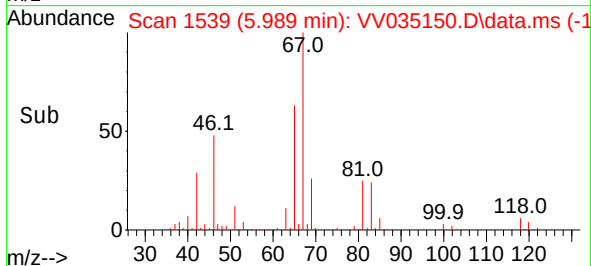
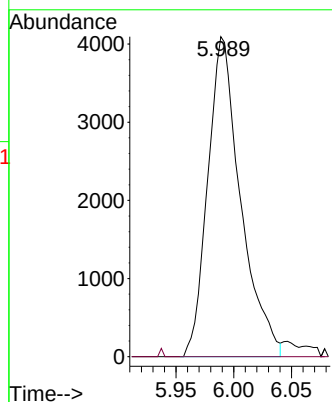
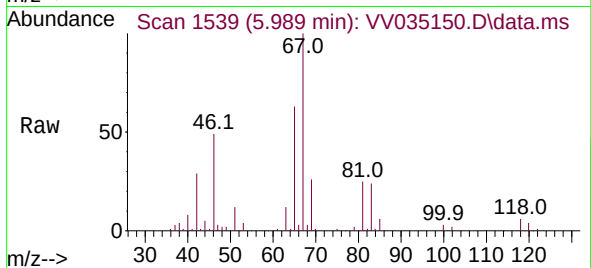
ClientSampleId :

Tgt Ion: 63 Resp: 8101

Ion Ratio Lower Upper

63 100

112 0.2 3.5 5.3#



#45

1,1,2-Trichloroethane

Concen: 1.226 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. 0.132 min

Lab File: VV035150.D

Acq: 12 Apr 2024 02:30

Tgt Ion: 97 Resp: 11307

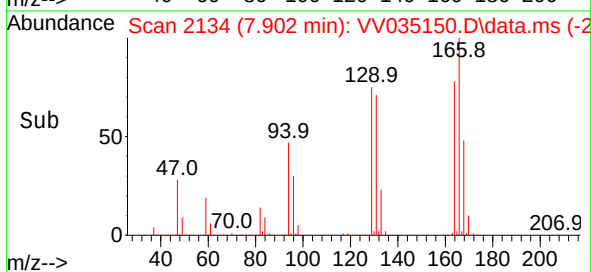
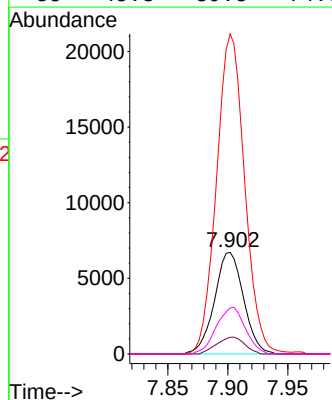
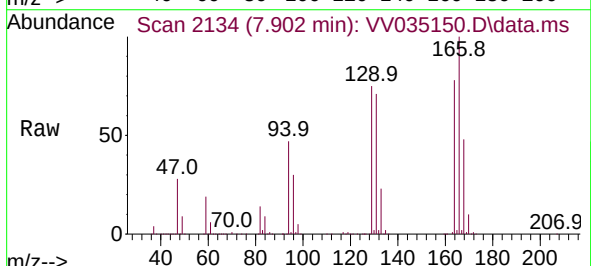
Ion Ratio Lower Upper

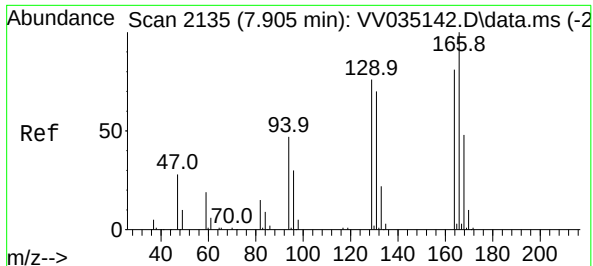
97 100

99 16.3 44.5 82.7#

83 314.7 63.2 117.4#

85 45.3 39.8 74.0





#47

Tetrachloroethene

Concen: 129.010 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. -0.003 min

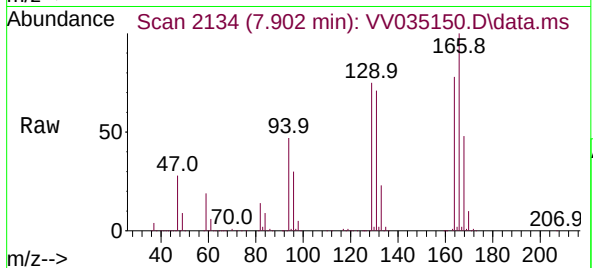
Lab File: VV035150.D

Acq: 12 Apr 2024 02:30

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 1366587

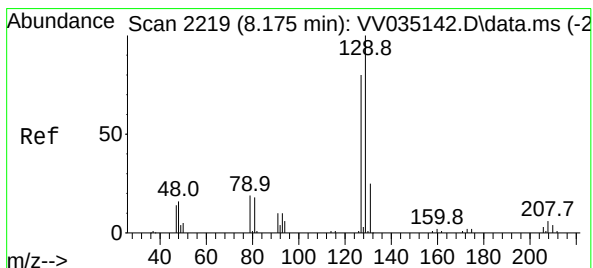
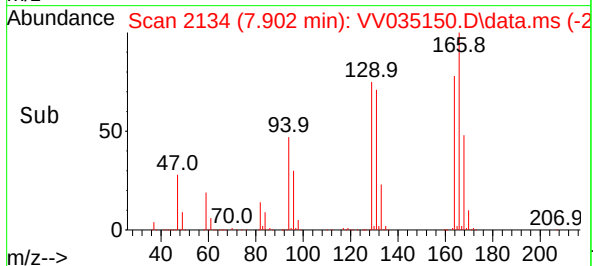
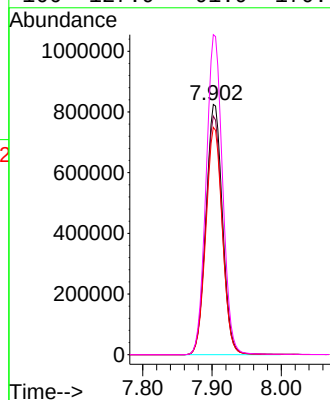
Ion Ratio Lower Upper

164 100

129 95.4 66.0 122.6

131 90.9 63.0 117.0

166 127.9 91.9 170.7



#49

Dibromochloromethane

Concen: 113.889 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. -0.273 min

Lab File: VV035150.D

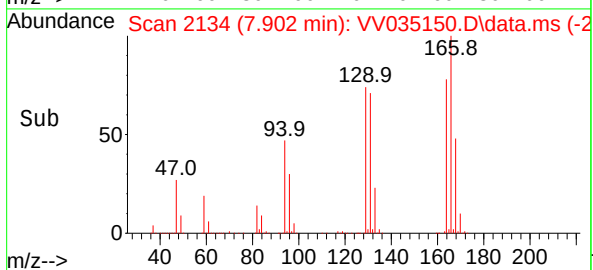
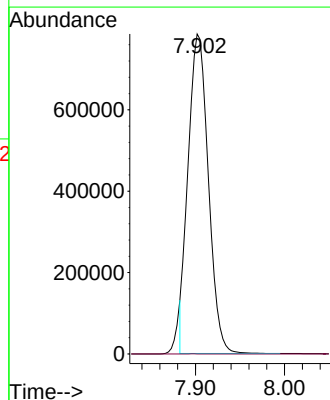
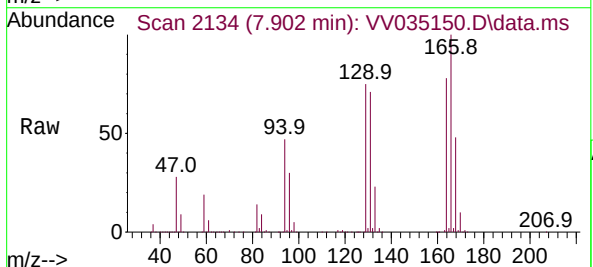
Acq: 12 Apr 2024 02:30

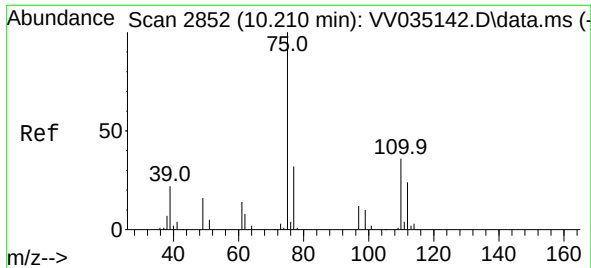
Tgt Ion:129 Resp: 1235825

Ion Ratio Lower Upper

129 100

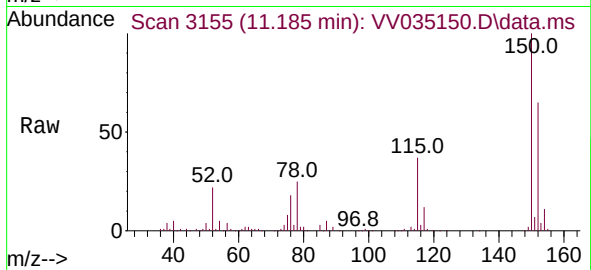
127 0.0 56.4 104.7#





#61
 1,2,3-Trichloropropane
 Concen: 1.349 ug/L
 RT: 11.185 min Scan# 3155
 Delta R.T. 0.974 min
 Lab File: VV035150.D
 Acq: 12 Apr 2024 02:30

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75	Resp:	9496
Ion Ratio	Lower	Upper
75	100	
77	32.6	24.8 37.2
110	2.0	31.0 46.6#

