

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041124\
 Data File : VV035130.D
 Acq On : 11 Apr 2024 17:45
 Operator : SY/MD
 Sample : P2056-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 12 01:21:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040224WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 12 01:20:53 2024
 Response via : Initial Calibration

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

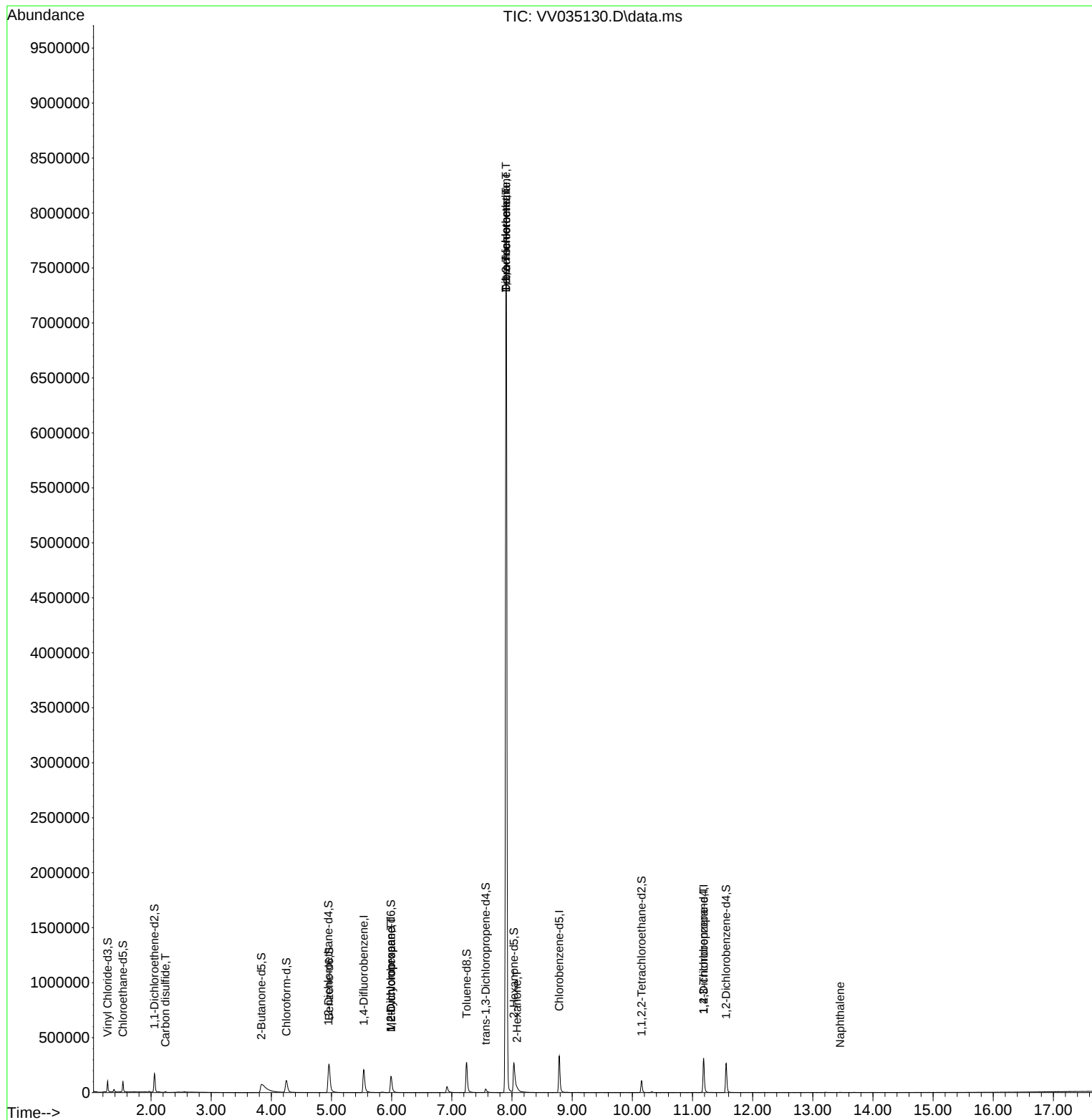
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	187183	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	182478	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	82073	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	59700	3.870	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.400%
7) Chloroethane-d5	1.532	69	58740	4.618	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.400%
11) 1,1-Dichloroethene-d2	2.056	65	29656	4.233	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.600%
20) 2-Butanone-d5	3.834	46	138785	57.499	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.000%
24) Chloroform-d	4.249	84	120328	4.821	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
26) 1,2-Dichloroethane-d4	4.947	65	61832	5.485	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.800%
32) Benzene-d6	4.960	84	233536	4.892	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
36) 1,2-Dichloropropane-d6	5.989	67	76747	5.478	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.600%
41) Toluene-d8	7.246	98	192595	4.442	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.800%
43) trans-1,3-Dichloroprop...	7.564	79	21659	4.352	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.000%
46) 2-Hexanone-d5	8.030	63	106623	62.422	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	124.840%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	55451	5.673	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.400%
66) 1,2-Dichlorobenzene-d4	11.561	152	68966	5.335	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.600%
Target Compounds						Qvalue
14) Carbon disulfide	2.240	76	5904	0.139	ug/L #	91
35) Methylcyclohexane	5.989	83	17673	0.797	ug/L #	19
37) 1,2-Dichloropropane	5.989	63	7946	0.549	ug/L #	87
45) 1,1,2-Trichloroethane	7.902	97	14823	1.557	ug/L #	1
47) Tetrachloroethene	7.902	164	1741112	159.210	ug/L	97
48) 2-Hexanone	8.085	43	19271	3.906	ug/L #	87
49) Dibromochloromethane	7.902	129	1592504	142.155	ug/L #	9
61) 1,2,3-Trichloropropane	11.185	75	11074	1.445	ug/L #	66
71) Naphthalene	13.455	128	2874	0.134	ug/L #	85

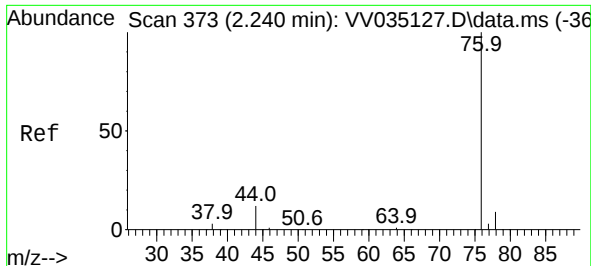
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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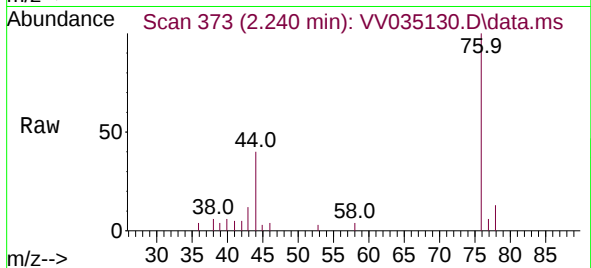
Quant Time: Apr 12 01:21:49 2024
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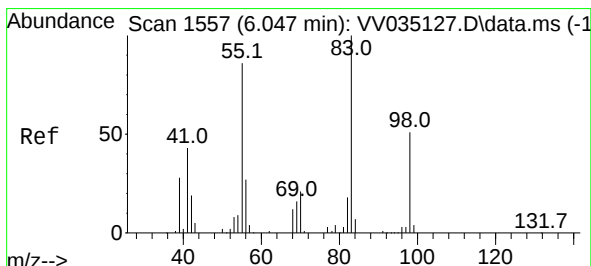
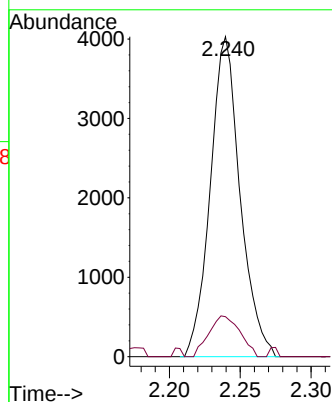
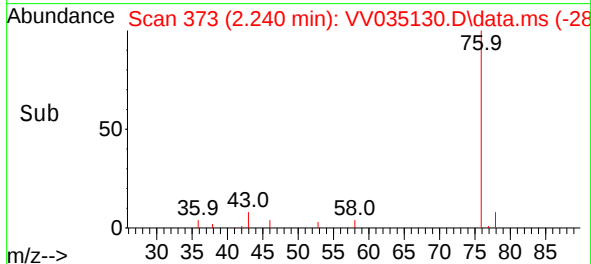


#14
Carbon disulfide
Concen: 0.139 ug/L
RT: 2.240 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV035130.D
Acq: 11 Apr 2024 17:45

Instrument :
MSVOA_V
ClientSampleId :

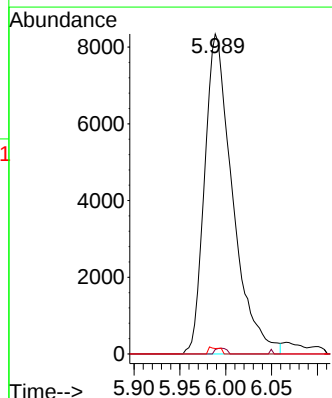
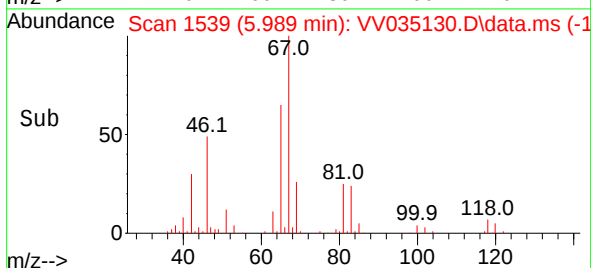
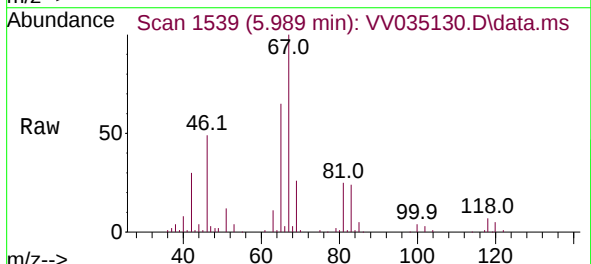


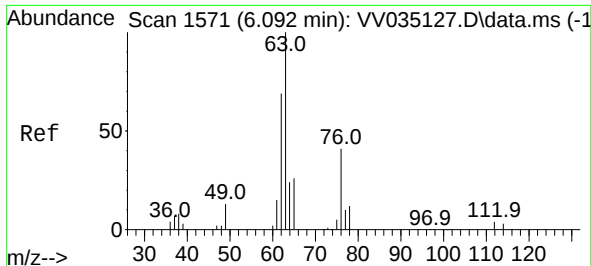
Tgt Ion: 76 Resp: 5904
Ion Ratio Lower Upper
76 100
78 12.5 7.4 11.2#



#35
Methylcyclohexane
Concen: 0.797 ug/L
RT: 5.989 min Scan# 1539
Delta R.T. -0.058 min
Lab File: VV035130.D
Acq: 11 Apr 2024 17:45

Tgt Ion: 83 Resp: 17673
Ion Ratio Lower Upper
83 100
55 0.7 60.6 91.0#
98 0.8 37.8 56.6#





#37

1,2-Dichloropropane

Concen: 0.549 ug/L

RT: 5.989 min Scan# 1

Delta R.T. -0.103 min

Lab File: VV035130.D

Acq: 11 Apr 2024 17:45

Instrument :

MSVOA_V

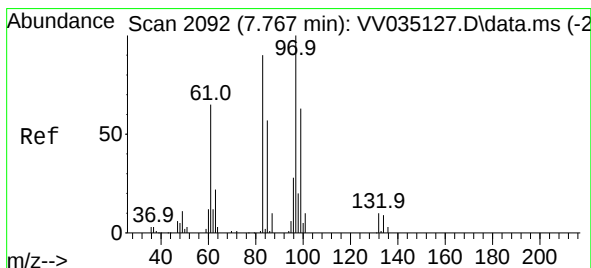
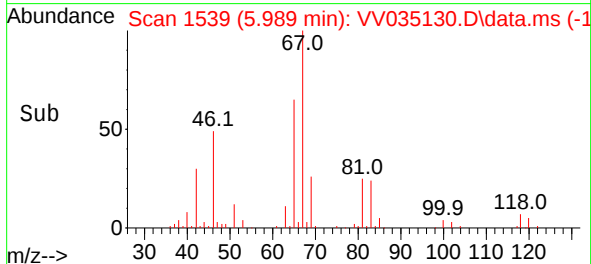
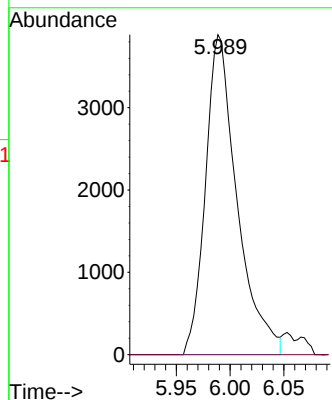
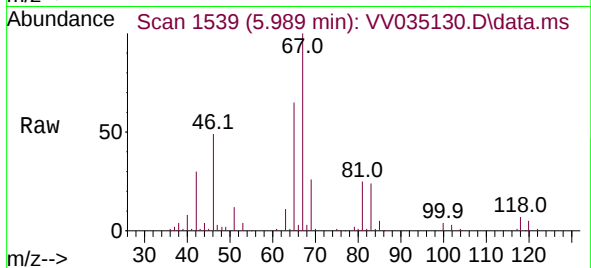
ClientSampleId :

Tgt Ion: 63 Resp: 7946

Ion Ratio Lower Upper

63 100

112 0.0 3.5 5.3#



#45

1,1,2-Trichloroethane

Concen: 1.557 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. 0.135 min

Lab File: VV035130.D

Acq: 11 Apr 2024 17:45

Tgt Ion: 97 Resp: 14823

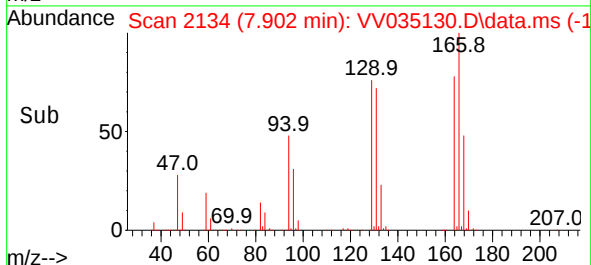
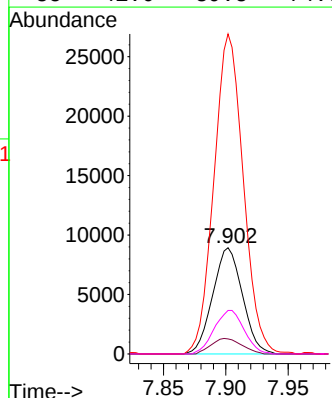
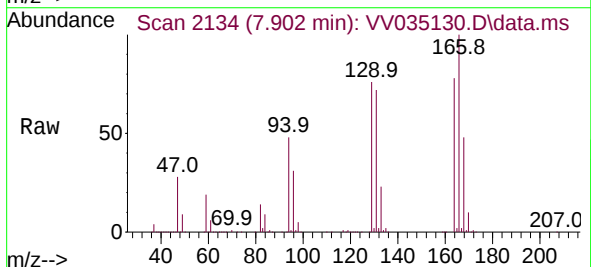
Ion Ratio Lower Upper

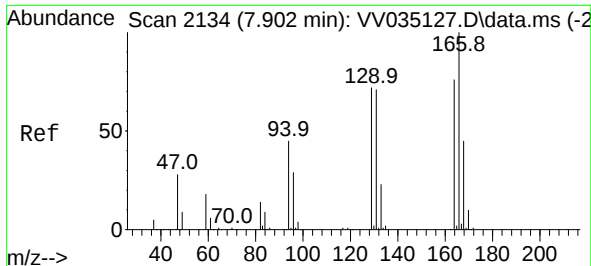
97 100

99 14.2 44.5 82.7#

83 301.4 63.2 117.4#

85 41.0 39.8 74.0





#47

Tetrachloroethene

Concen: 159.210 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. -0.000 min

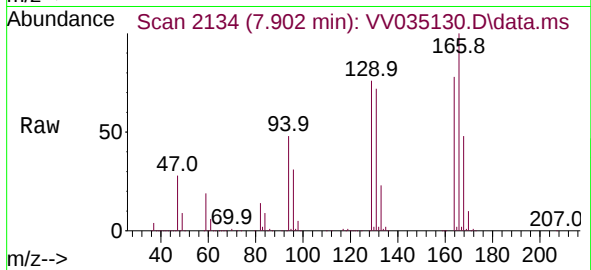
Lab File: VV035130.D

Acq: 11 Apr 2024 17:45

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 1741112

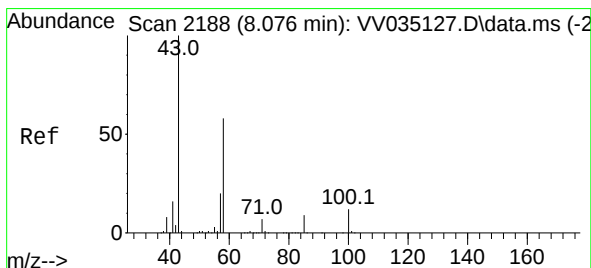
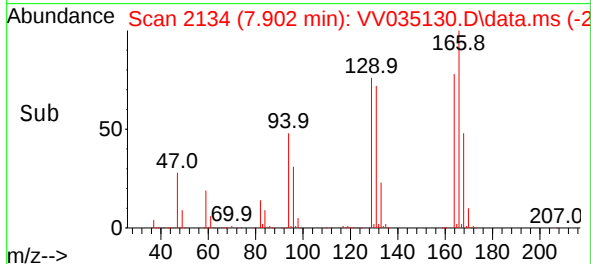
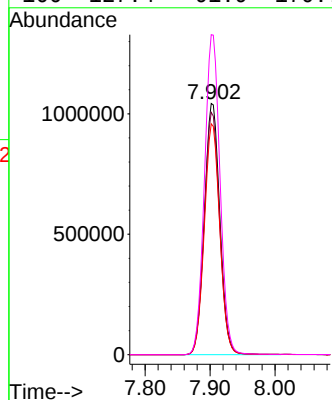
Ion Ratio Lower Upper

164 100

129 96.5 66.0 122.6

131 91.9 63.0 117.0

166 127.4 91.9 170.7



#48

2-Hexanone

Concen: 3.906 ug/L

RT: 8.085 min Scan# 2191

Delta R.T. 0.009 min

Lab File: VV035130.D

Acq: 11 Apr 2024 17:45

Tgt Ion: 43 Resp: 19271

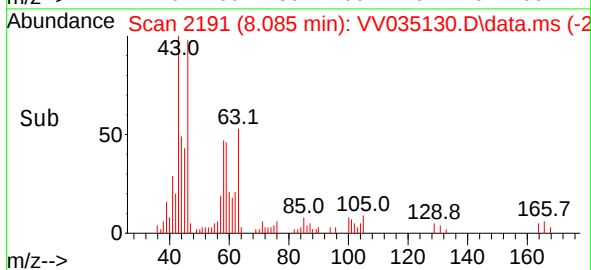
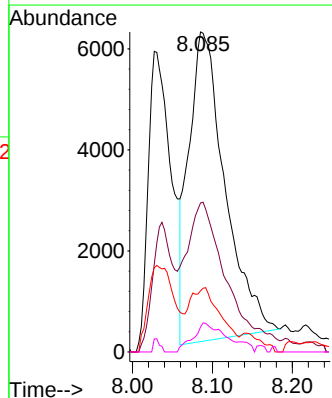
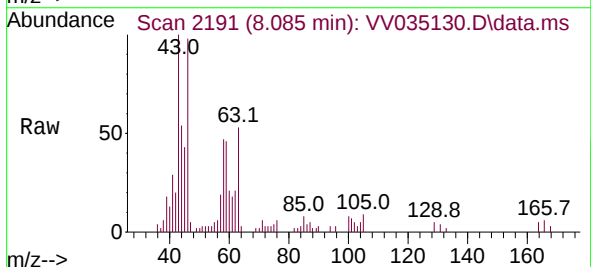
Ion Ratio Lower Upper

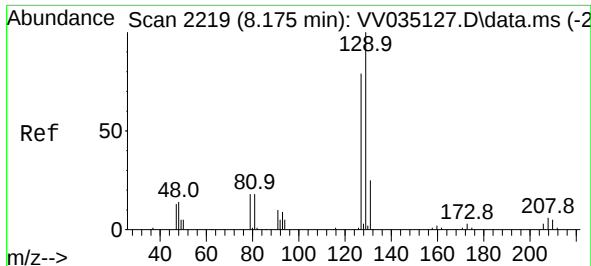
43 100

58 49.5 48.2 72.4

57 16.2 15.6 23.4

100 7.8 10.1 15.1#





#49

Dibromochloromethane

Concen: 142.155 ug/L

RT: 7.902 min Scan# 2134

Delta R.T. -0.273 min

Lab File: VV035130.D

Acq: 11 Apr 2024 17:45

Instrument :

MSVOA_V

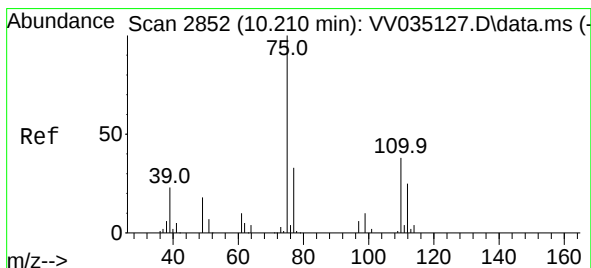
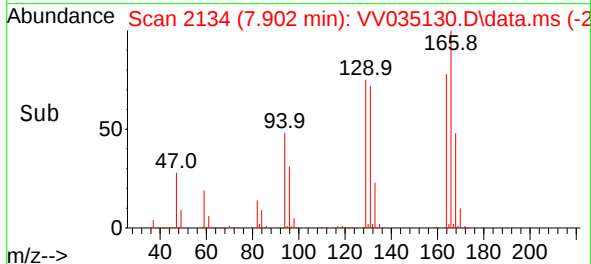
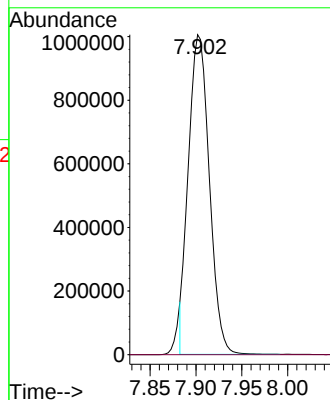
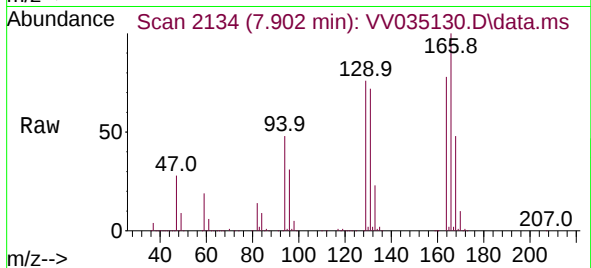
ClientSampleId :

Tgt Ion:129 Resp: 1592504

Ion Ratio Lower Upper

129 100

127 0.0 56.4 104.7#



#61

1,2,3-Trichloropropane

Concen: 1.445 ug/L

RT: 11.185 min Scan# 3155

Delta R.T. 0.974 min

Lab File: VV035130.D

Acq: 11 Apr 2024 17:45

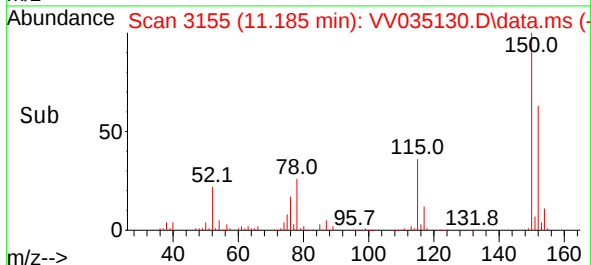
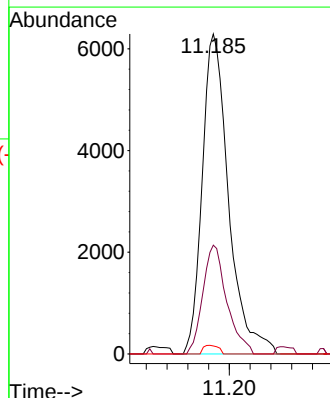
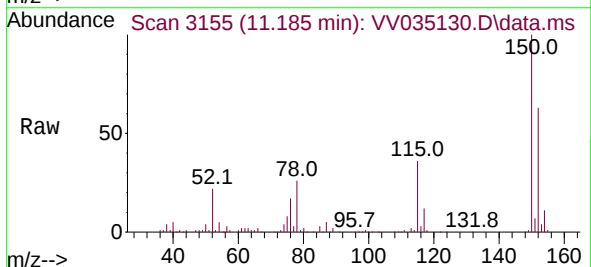
Tgt Ion: 75 Resp: 11074

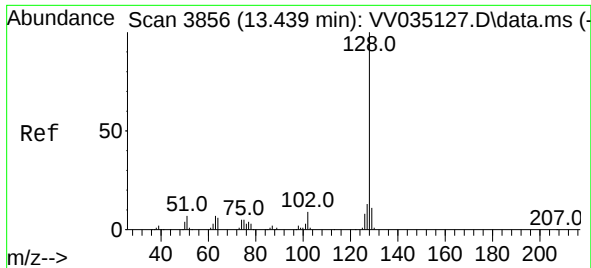
Ion Ratio Lower Upper

75 100

77 30.9 24.8 37.2

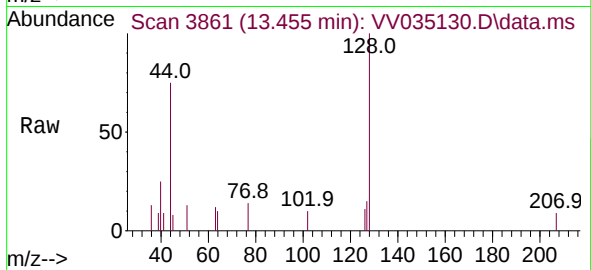
110 1.5 31.0 46.6#





#71
 Naphthalene
 Concen: 0.134 ug/L
 RT: 13.455 min Scan# 3861
 Delta R.T. 0.016 min
 Lab File: VV035130.D
 Acq: 11 Apr 2024 17:45

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:	128	Resp:	2874
Ion Ratio	100	Lower	Upper
128	100		
129	2.7	8.6	12.8#
127	9.3	10.7	16.1#

