

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041624\
 Data File : VV035233.D
 Acq On : 16 Apr 2024 12:25
 Operator : SY/MD
 Sample : P2100-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 17 02:48:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR041524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 17 02:28:28 2024
 Response via : Initial Calibration

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

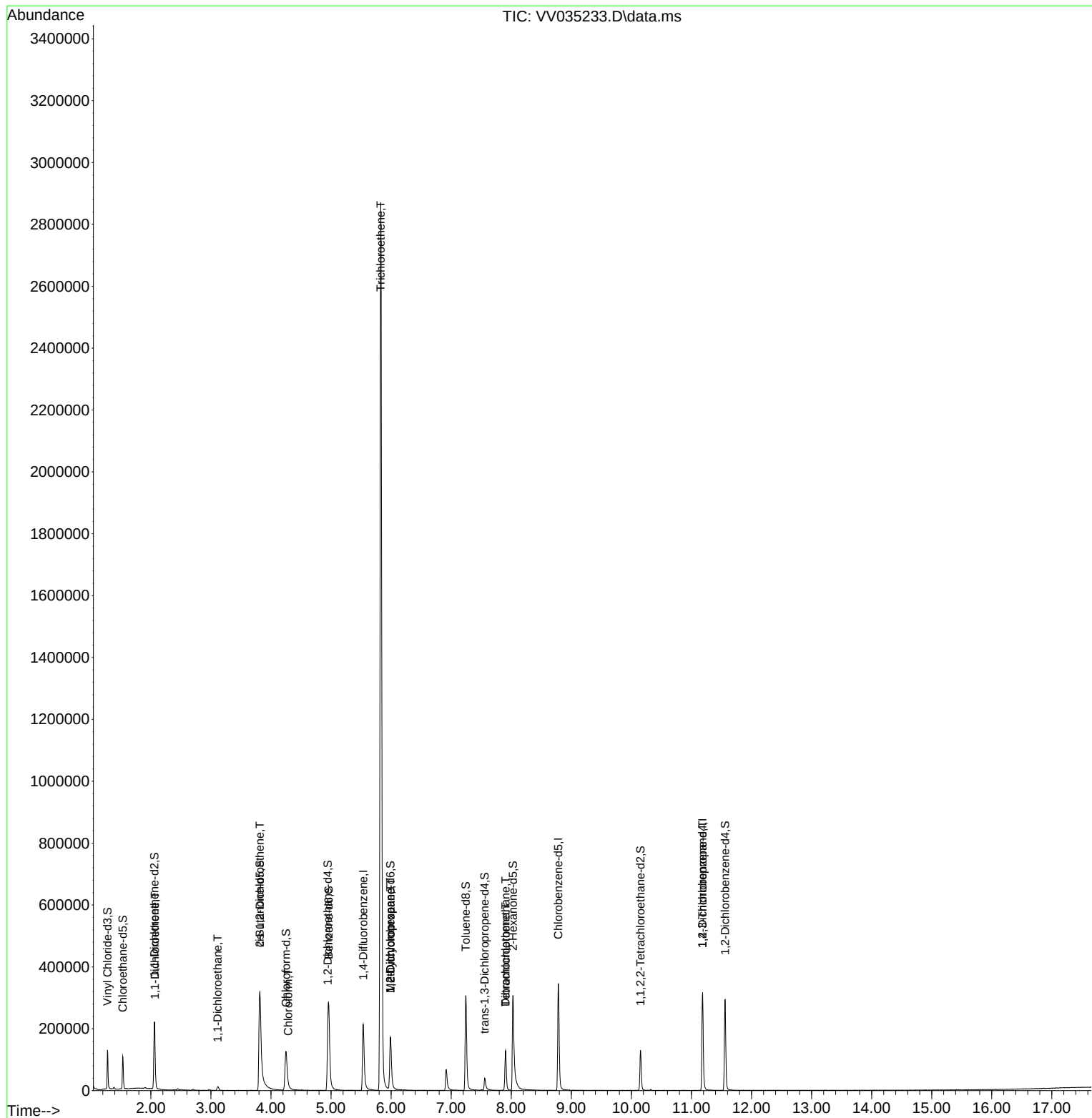
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	191310	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	197334	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	82902	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	80018	4.467	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.400%
7) Chloroethane-d5	1.532	69	67516	4.851	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.000%
11) 1,1-Dichloroethene-d2	2.060	65	34508	4.541	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.800%
20) 2-Butanone-d5	3.815	46	169364	55.897	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.800%
24) Chloroform-d	4.249	84	136763	4.883	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
26) 1,2-Dichloroethane-d4	4.944	65	69388	5.205	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.000%
32) Benzene-d6	4.960	84	265408	4.734	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
36) 1,2-Dichloropropane-d6	5.989	67	89303	5.122	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.400%
41) Toluene-d8	7.243	98	214791	4.266	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.400%
43) trans-1,3-Dichloroprop...	7.558	79	26820	4.310	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.200%
46) 2-Hexanone-d5	8.027	63	116677	45.022	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.040%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	64906	4.833	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.600%
66) 1,2-Dichlorobenzene-d4	11.561	152	77913	5.287	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.800%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.069	96	9459	0.651	ug/L #	1
19) 1,1-Dichloroethane	3.114	63	13413	0.449	ug/L	98
22) cis-1,2-Dichloroethene	3.815	96	141778	9.292	ug/L	99
25) Chloroform	4.285	83	6004	0.207	ug/L	92
34) Trichloroethene	5.828	95	1014412	62.170	ug/L	99
35) Methylcyclohexane	5.989	83	20905	0.851	ug/L #	17
37) 1,2-Dichloropropane	5.989	63	9424	0.575	ug/L #	88
47) Tetrachloroethene	7.905	164	28920	2.234	ug/L	93
49) Dibromochloromethane	7.905	129	25400	2.160	ug/L #	10
61) 1,2,3-Trichloropropane	11.185	75	11162	1.341	ug/L #	67

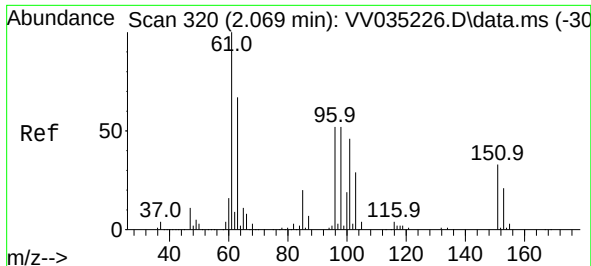
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Apr 17 02:28:28 2024
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#12

1,1-Dichloroethene

Concen: 0.651 ug/L

RT: 2.069 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV035233.D

Acq: 16 Apr 2024 12:25

Instrument :

MSVOA_V

ClientSampleId :

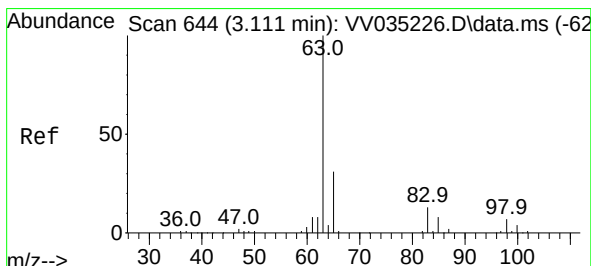
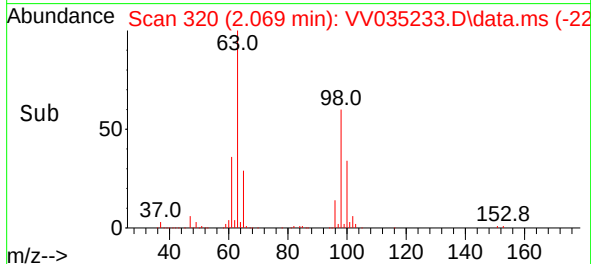
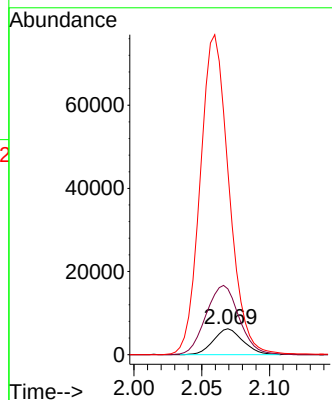
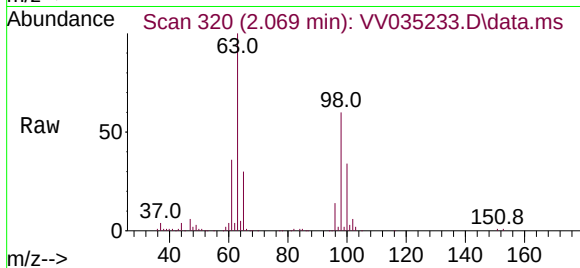
Tgt Ion: 96 Resp: 9459

Ion Ratio Lower Upper

96 100

61 253.5 133.5 247.9#

63 709.6 112.5 208.9#



#19

1,1-Dichloroethane

Concen: 0.449 ug/L

RT: 3.114 min Scan# 645

Delta R.T. 0.003 min

Lab File: VV035233.D

Acq: 16 Apr 2024 12:25

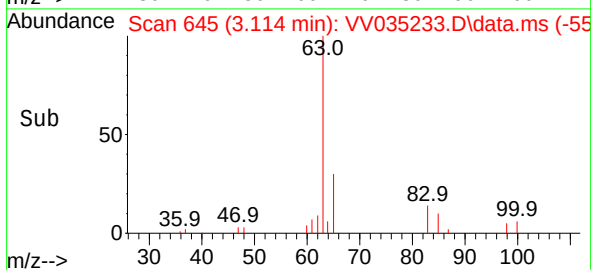
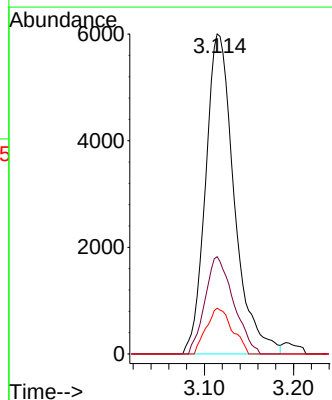
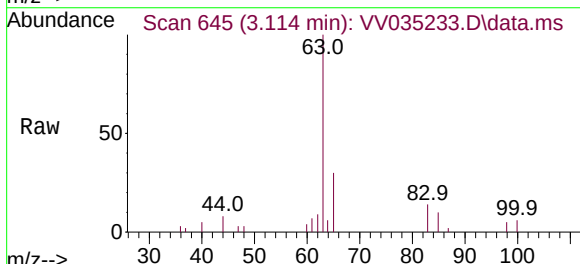
Tgt Ion: 63 Resp: 13413

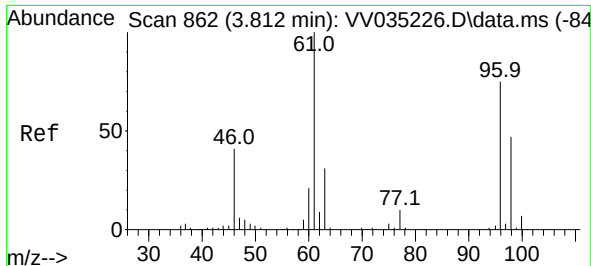
Ion Ratio Lower Upper

63 100

65 30.4 22.2 41.2

83 14.3 9.4 17.4

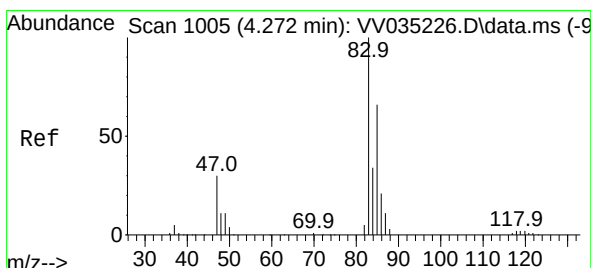
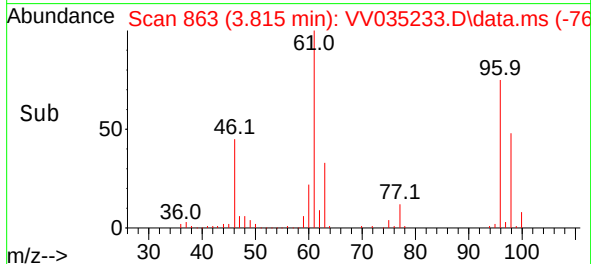
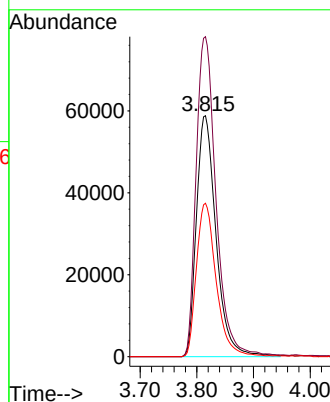
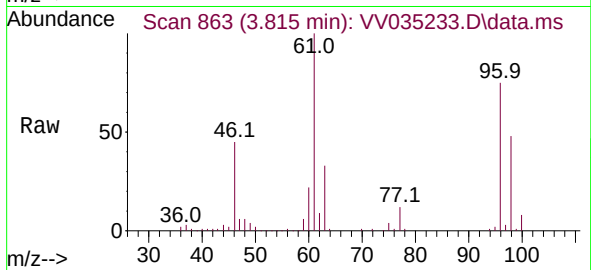




#22
cis-1,2-Dichloroethene
Concen: 9.292 ug/L
RT: 3.815 min Scan# 862
Delta R.T. 0.003 min
Lab File: VV035233.D
Acq: 16 Apr 2024 12:25

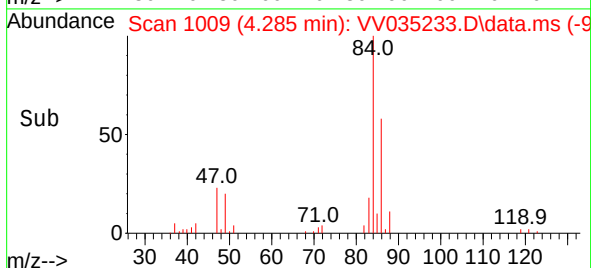
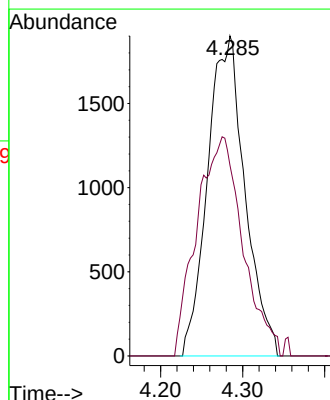
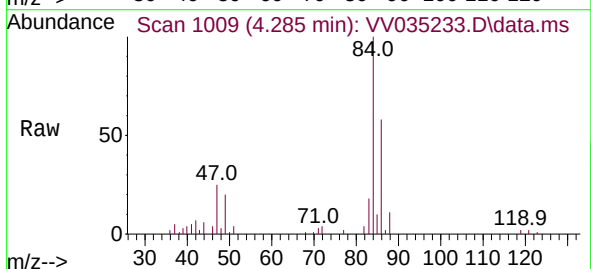
Instrument :
MSVOA_V
ClientSampleId :

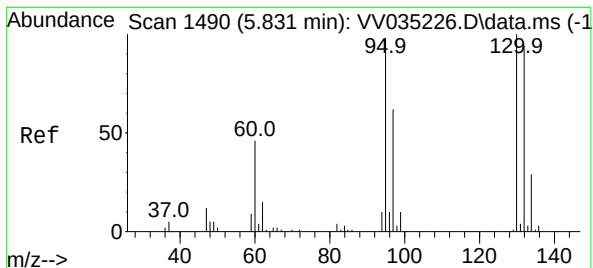
Tgt Ion: 96 Resp: 141778
Ion Ratio Lower Upper
96 100
61 132.8 92.8 172.4
98 63.7 45.5 84.5



#25
Chloroform
Concen: 0.207 ug/L
RT: 4.285 min Scan# 1009
Delta R.T. 0.013 min
Lab File: VV035233.D
Acq: 16 Apr 2024 12:25

Tgt Ion: 83 Resp: 6004
Ion Ratio Lower Upper
83 100
85 59.6 46.0 85.4





#34

Trichloroethene

Concen: 62.170 ug/L

RT: 5.828 min Scan# 14

Delta R.T. -0.003 min

Lab File: VV035233.D

Acq: 16 Apr 2024 12:25

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 1014412

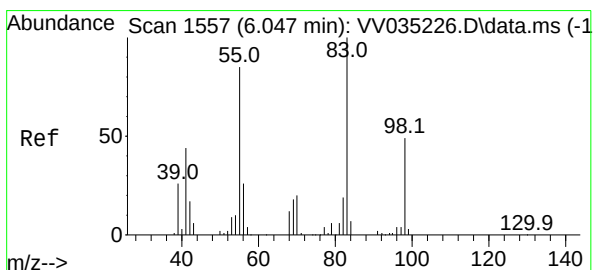
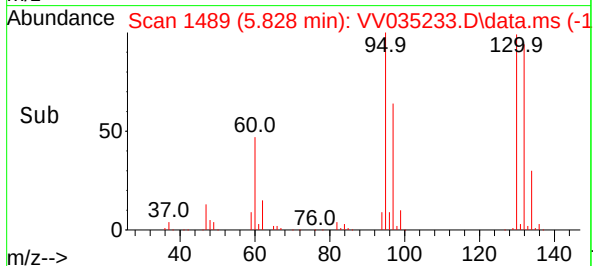
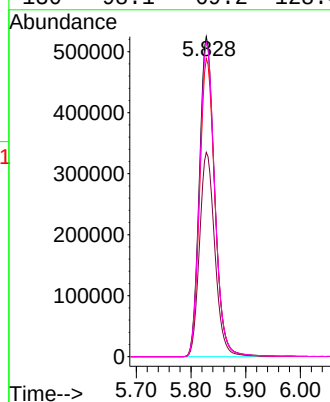
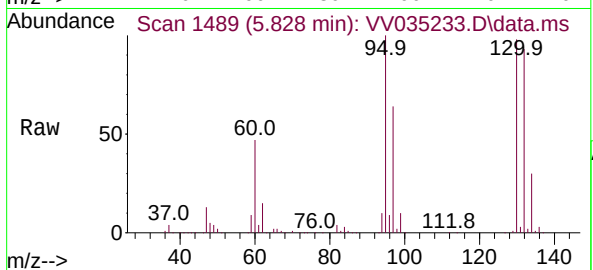
Ion Ratio Lower Upper

95 100

97 63.9 44.7 82.9

132 93.1 64.8 120.3

130 98.1 69.2 128.4



#35

Methylcyclohexane

Concen: 0.851 ug/L

RT: 5.989 min Scan# 1539

Delta R.T. -0.058 min

Lab File: VV035233.D

Acq: 16 Apr 2024 12:25

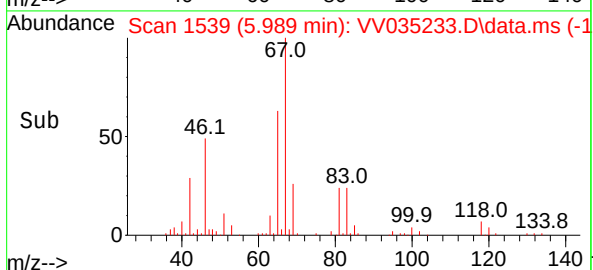
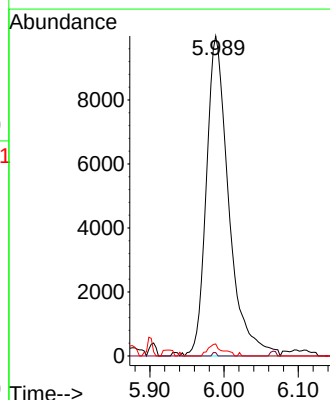
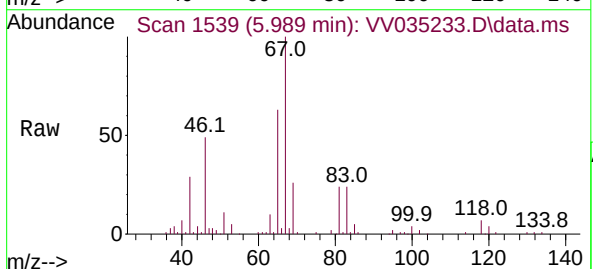
Tgt Ion: 83 Resp: 20905

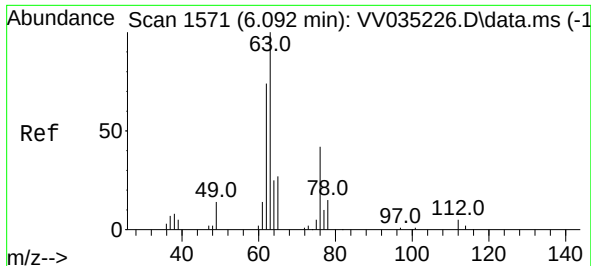
Ion Ratio Lower Upper

83 100

55 0.2 63.8 95.6#

98 0.0 37.4 56.2#

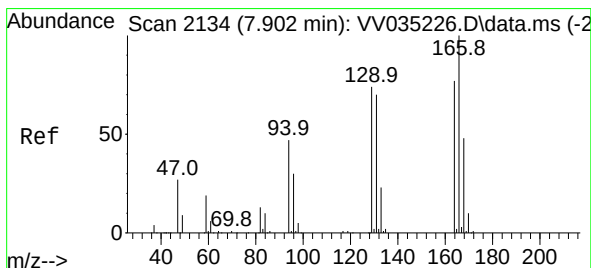
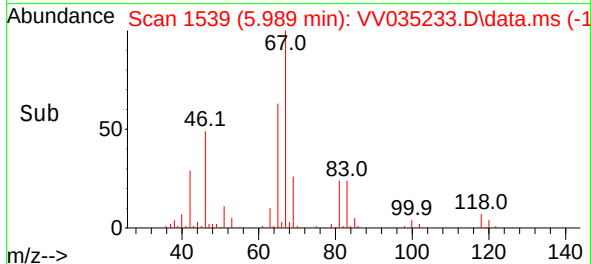
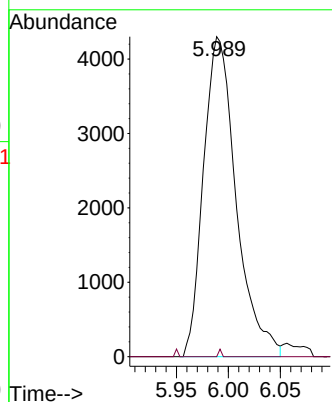
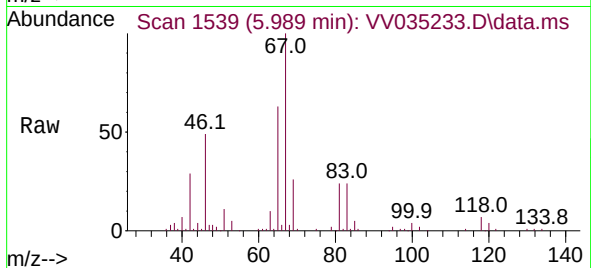




#37
1,2-Dichloropropane
Concen: 0.575 ug/L
RT: 5.989 min Scan# 11
Delta R.T. -0.103 min
Lab File: VV035233.D
Acq: 16 Apr 2024 12:25

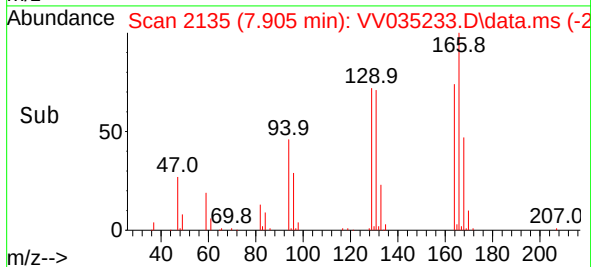
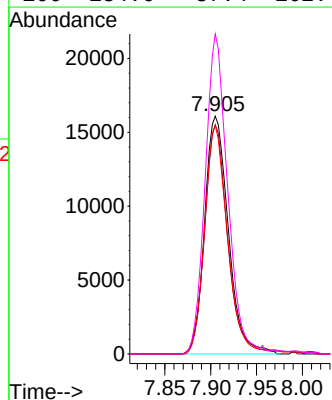
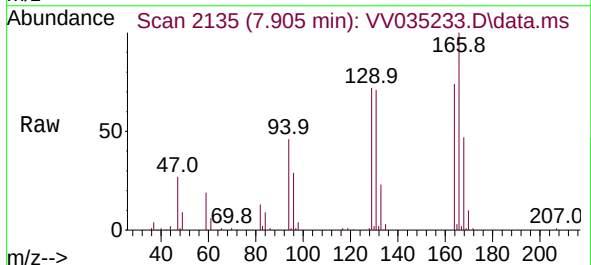
Instrument :
MSVOA_V
ClientSampleId :

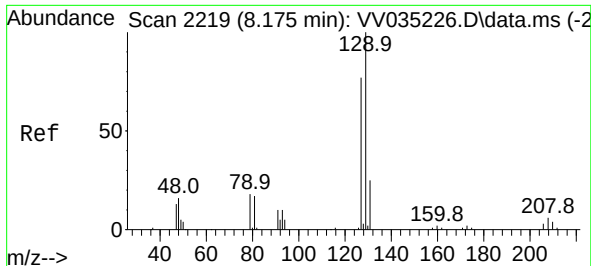
Tgt Ion: 63 Resp: 9424
Ion Ratio Lower Upper
63 100
112 0.2 3.3 4.9#



#47
Tetrachloroethene
Concen: 2.234 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.003 min
Lab File: VV035233.D
Acq: 16 Apr 2024 12:25

Tgt Ion:164 Resp: 28920
Ion Ratio Lower Upper
164 100
129 96.4 65.3 121.3
131 96.2 60.9 113.1
166 134.6 87.4 162.4





#49

Dibromochloromethane

Concen: 2.160 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. -0.270 min

Lab File: VV035233.D

Acq: 16 Apr 2024 12:25

Instrument :

MSVOA_V

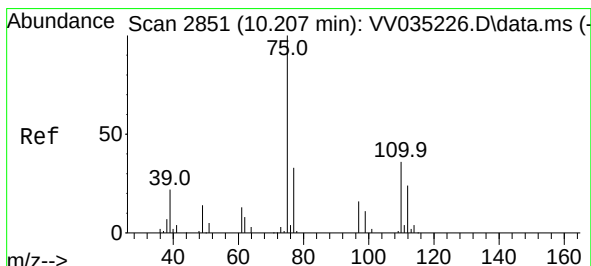
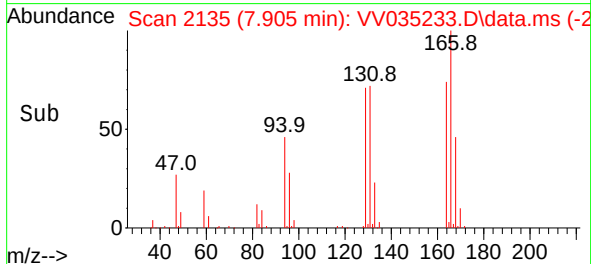
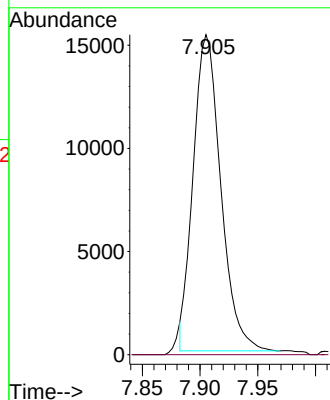
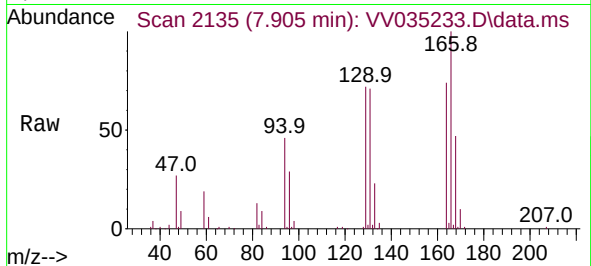
ClientSampleId :

Tgt Ion:129 Resp: 25400

Ion Ratio Lower Upper

129 100

127 0.0 55.2 102.6#



#61

1,2,3-Trichloropropane

Concen: 1.341 ug/L

RT: 11.185 min Scan# 3155

Delta R.T. 0.978 min

Lab File: VV035233.D

Acq: 16 Apr 2024 12:25

Tgt Ion: 75 Resp: 11162

Ion Ratio Lower Upper

75 100

77 30.4 25.3 37.9

110 1.7 29.6 44.4#

