

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120723\
 Data File : VW033147.D
 Acq On : 07 Dec 2023 15:26
 Operator : SY/MD
 Sample : 05673-05
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 08 01:39:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 08 01:34:57 2023
 Response via : Initial Calibration

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

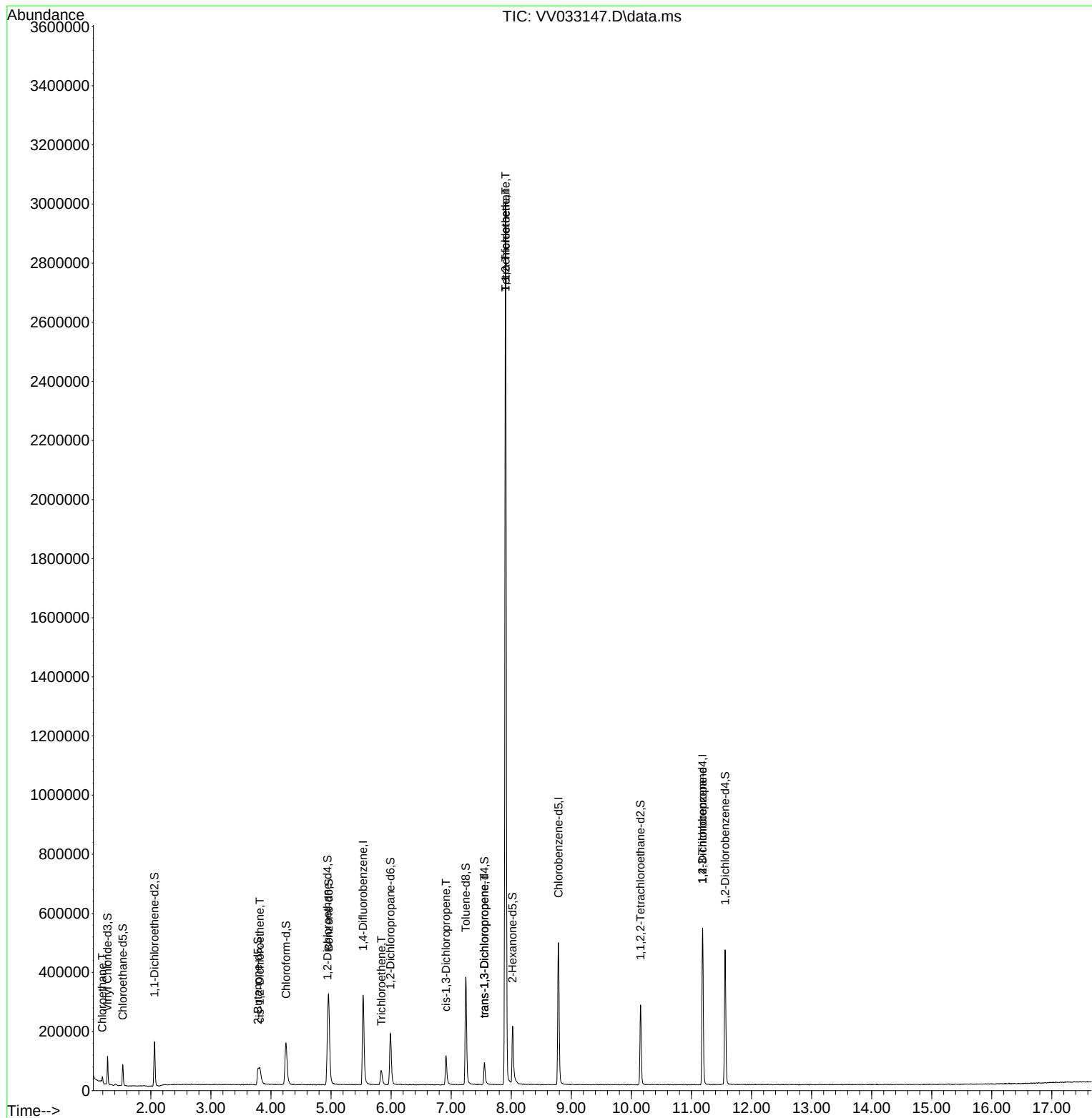
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	283927	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	286403	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	148891	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	55898	32.933	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	65.860%		
7) Chloroethane-d5	1.532	69	45396	38.386	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	76.780%		
11) 1,1-Dichloroethene-d2	2.059	65	24013	37.189	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	74.380%		
21) 2-Butanone-d5	3.783	46	80034	94.937	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	94.940%		
24) Chloroform-d	4.249	84	152906	42.450	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.900%		
26) 1,2-Dichloroethane-d4	4.940	65	100266	44.772	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.540%		
32) Benzene-d6	4.960	84	276014	41.206	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.420%		
36) 1,2-Dichloropropane-d6	5.989	67	77453	43.005	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	86.020%		
41) Toluene-d8	7.243	98	248969	38.963	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	77.920%#		
43) trans-1,3-Dichloroprop...	7.554	79	43507	38.202	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	76.400%		
47) 2-Hexanone-d5	8.021	63	64625	89.319	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	89.320%		
56) 1,1,2,2-Tetrachloroeth...	10.152	84	115525	45.123	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	90.240%		
66) 1,2-Dichlorobenzene-d4	11.561	152	125068	47.211	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.420%		
Target Compounds						Qvalue
8) Chloroethane	1.191	64	1076	1.030	ug/L	98
20) cis-1,2-Dichloroethene	3.815	96	24795	12.503	ug/L	97
34) Trichloroethene	5.837	95	14434	6.657	ug/L	95
39) cis-1,3-Dichloropropene	6.915	75	3147	1.033	ug/L #	72
44) trans-1,3-Dichloropropene	7.551	75	2254	0.731	ug/L	96
45) 1,1,2-Trichloroethane	7.905	97	5684	2.919	ug/L #	14
46) Tetrachloroethene	7.905	164	661139	354.706	ug/L	98
61) 1,2,3-Trichloropropane	11.185	75	13533	7.289	ug/L #	60

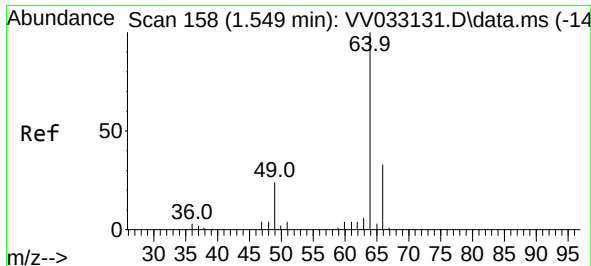
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Dec 08 01:34:57 2023
Response via : Initial Calibration





#8

Chloroethane

Concen: 1.030 ug/L

RT: 1.191 min Scan# 41

Delta R.T. -0.357 min

Lab File: VV033147.D

Acq: 07 Dec 2023 15:26

Instrument :

MSVOA_V

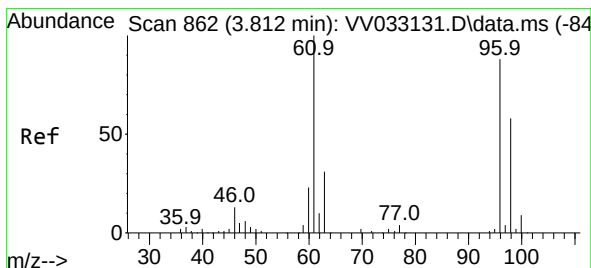
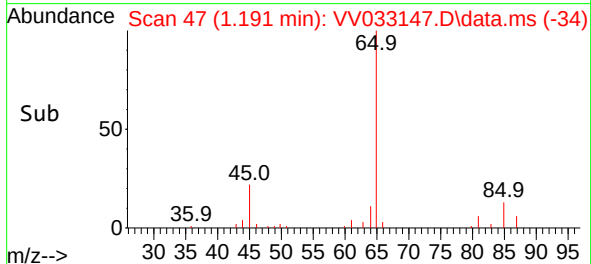
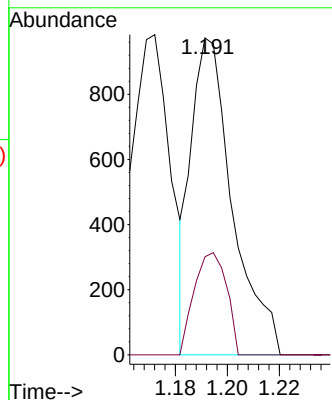
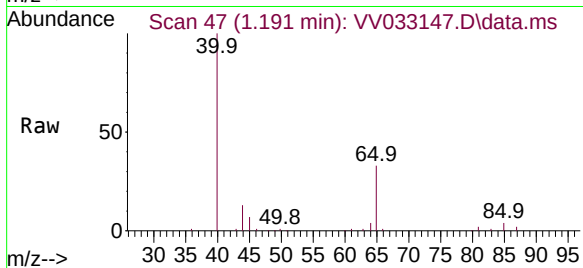
ClientSampleId :

Tgt Ion: 64 Resp: 1076

Ion Ratio Lower Upper

64 100

66 30.9 22.3 41.5



#20

cis-1,2-Dichloroethene

Concen: 12.503 ug/L

RT: 3.815 min Scan# 863

Delta R.T. 0.003 min

Lab File: VV033147.D

Acq: 07 Dec 2023 15:26

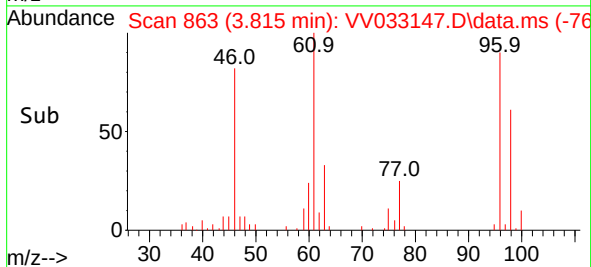
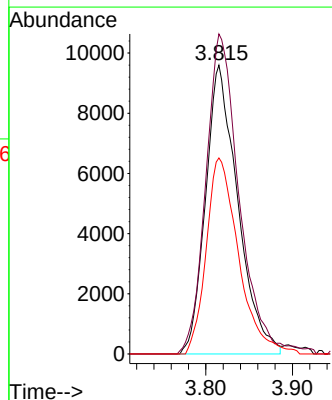
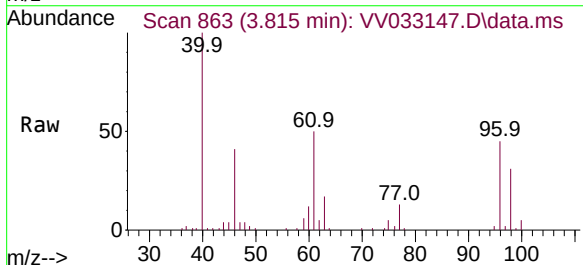
Tgt Ion: 96 Resp: 24795

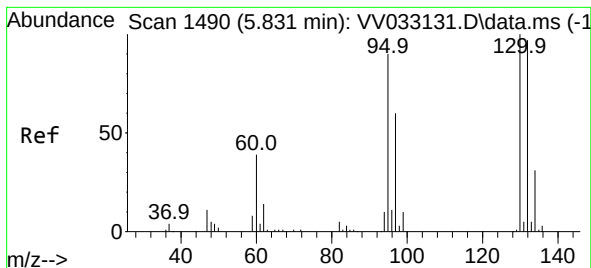
Ion Ratio Lower Upper

96 100

61 110.8 79.1 146.9

98 67.9 45.1 83.7





#34

Trichloroethene

Concen: 6.657 ug/L

RT: 5.837 min Scan# 1490

Delta R.T. 0.006 min

Lab File: VV033147.D

Acq: 07 Dec 2023 15:26

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 14434

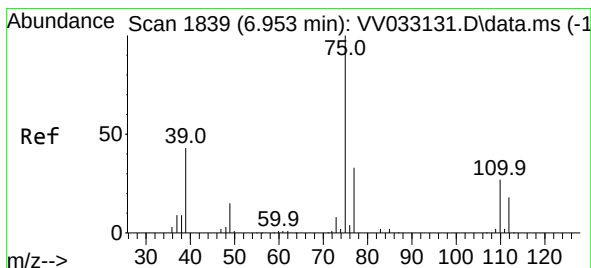
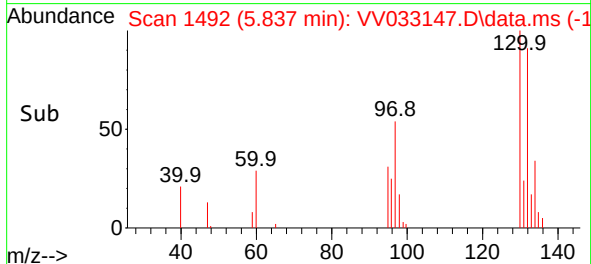
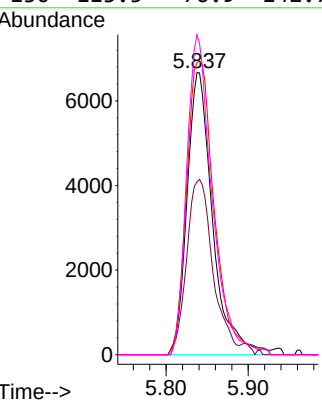
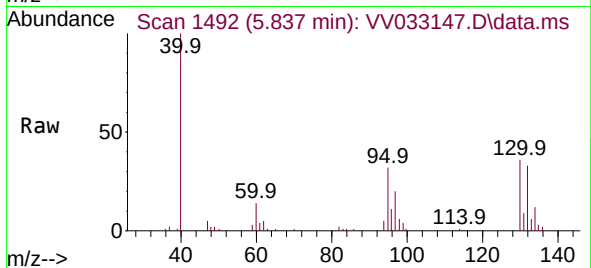
Ion Ratio Lower Upper

95 100

97 61.3 45.8 85.0

132 103.6 77.4 143.8

130 113.5 76.9 142.7



#39

cis-1,3-Dichloropropene

Concen: 1.033 ug/L

RT: 6.915 min Scan# 1827

Delta R.T. -0.039 min

Lab File: VV033147.D

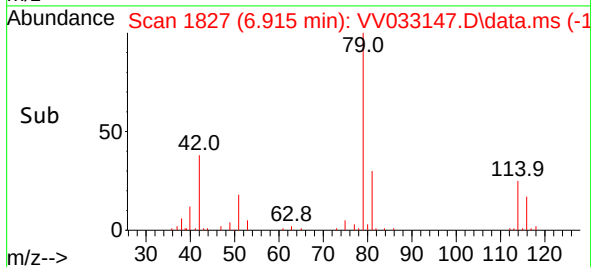
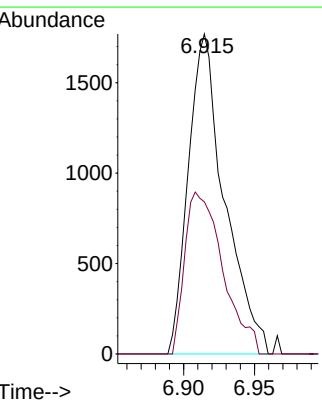
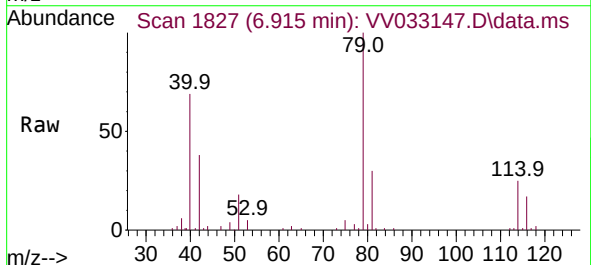
Acq: 07 Dec 2023 15:26

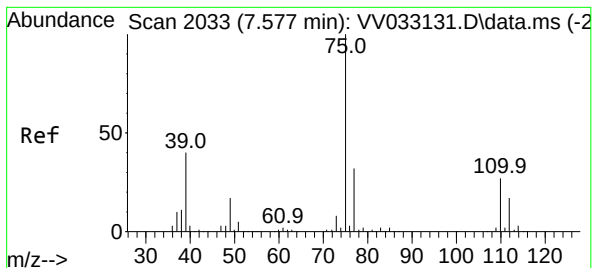
Tgt Ion: 75 Resp: 3147

Ion Ratio Lower Upper

75 100

77 47.6 22.4 41.6#





#44

trans-1,3-Dichloropropene

Concen: 0.731 ug/L

RT: 7.551 min Scan# 2033

Delta R.T. -0.026 min

Lab File: VV033147.D

Acq: 07 Dec 2023 15:26

Instrument :

MSVOA_V

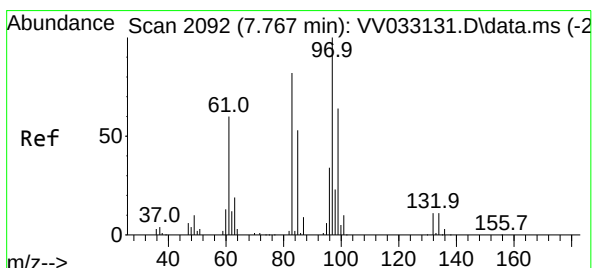
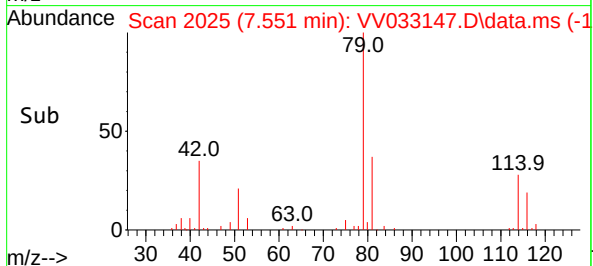
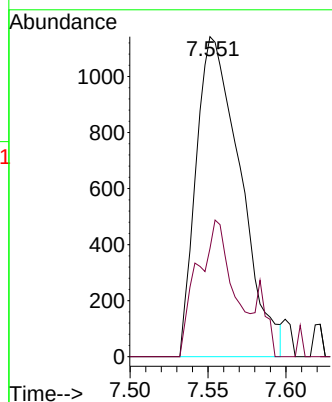
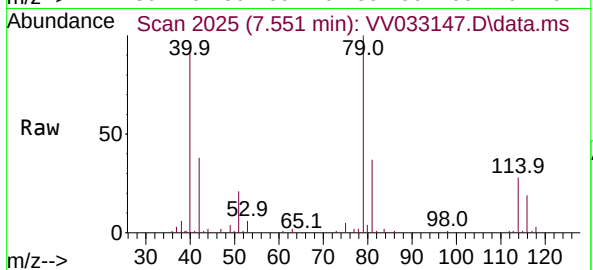
ClientSampleId :

Tgt Ion: 75 Resp: 2254

Ion Ratio Lower Upper

75 100

77 33.8 22.0 41.0



#45

1,1,2-Trichloroethane

Concen: 2.919 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. 0.138 min

Lab File: VV033147.D

Acq: 07 Dec 2023 15:26

Tgt Ion: 97 Resp: 5684

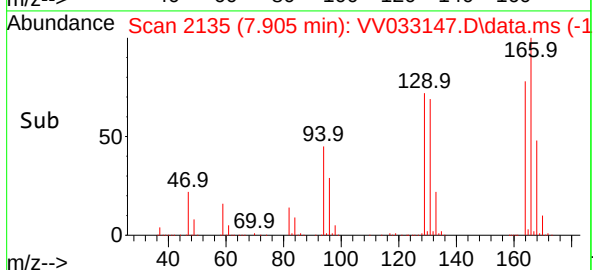
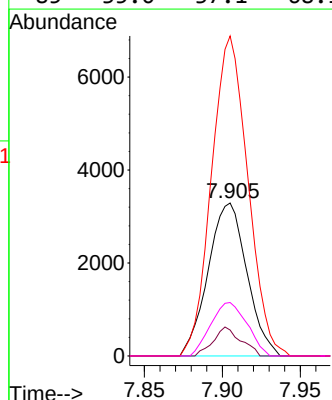
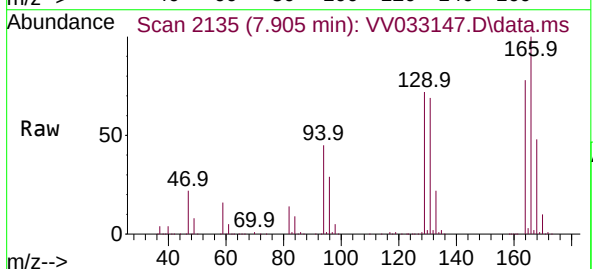
Ion Ratio Lower Upper

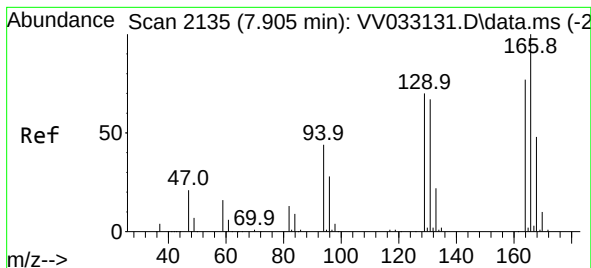
97 100

99 17.0 43.2 80.2#

83 209.2 55.8 103.6#

85 35.0 37.1 68.9#





#46

Tetrachloroethene

Concen: 354.706 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. -0.000 min

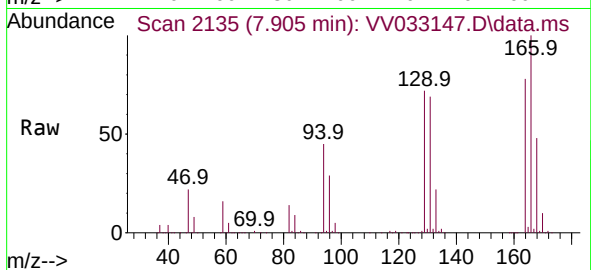
Lab File: VV033147.D

Acq: 07 Dec 2023 15:26

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 661139

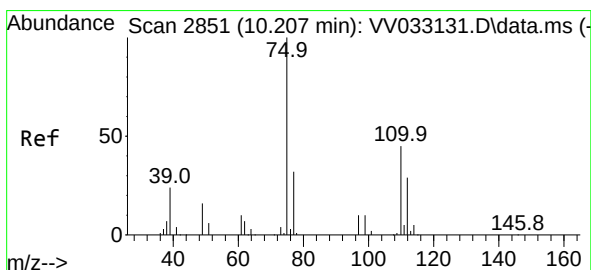
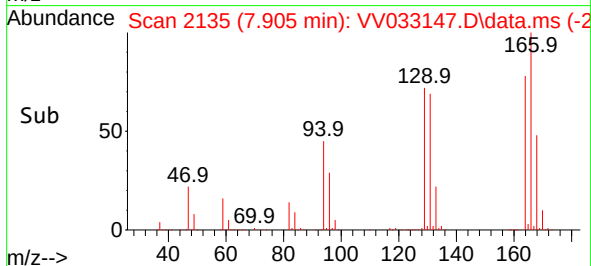
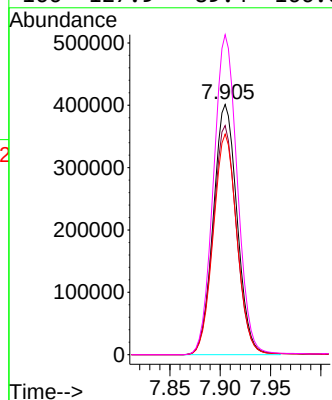
Ion Ratio Lower Upper

164 100

129 91.6 65.6 121.8

131 88.2 64.7 120.1

166 127.9 89.4 166.0



#61

1,2,3-Trichloropropane

Concen: 7.289 ug/L

RT: 11.185 min Scan# 3155

Delta R.T. 0.977 min

Lab File: VV033147.D

Acq: 07 Dec 2023 15:26

Tgt Ion: 75 Resp: 13533

Ion Ratio Lower Upper

75 100

77 36.4 27.0 40.6

110 3.6 38.1 57.1#

