

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092024\
 Data File : VV037451.D
 Acq On : 20 Sep 2024 23:43
 Operator : SY/MD
 Sample : P4107-02
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 21 04:53:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 21 01:15:22 2024
 Response via : Initial Calibration

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

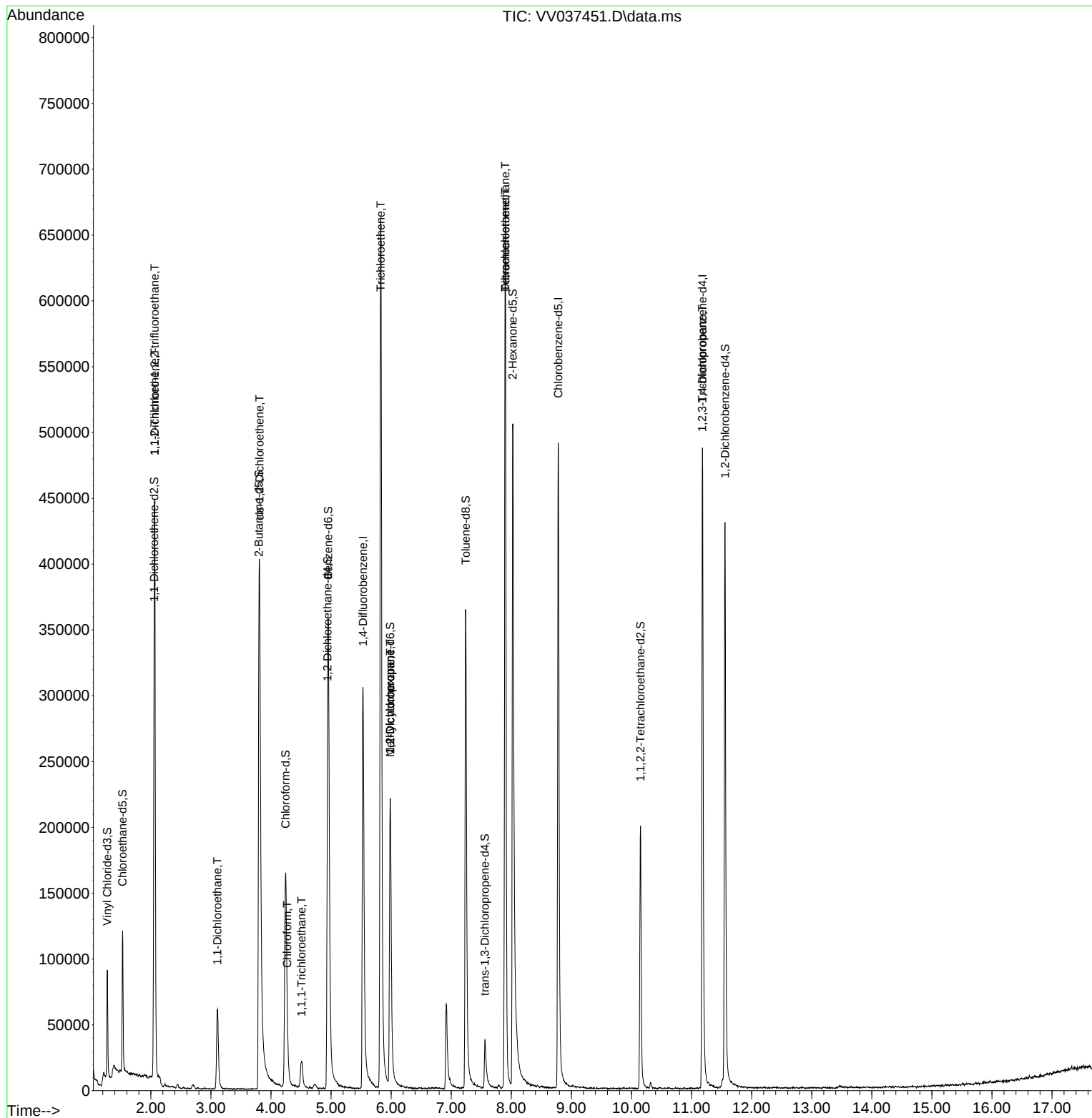
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	285522	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	299430	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	135354	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	51944	3.101	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.000%
7) Chloroethane-d5	1.529	69	69636	3.987	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.800%
11) 1,1-Dichloroethene-d2	2.053	65	28924	3.344	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.800%
20) 2-Butanone-d5	3.799	46	258149	51.567	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.140%
24) Chloroform-d	4.243	84	183867	4.521	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
26) 1,2-Dichloroethane-d4	4.941	65	92913	4.879	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
32) Benzene-d6	4.953	84	330862	4.121	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.400%
36) 1,2-Dichloropropane-d6	5.986	67	117944	4.724	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.400%
41) Toluene-d8	7.240	98	267994	3.705	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.000%
43) trans-1,3-Dichloroprop...	7.561	79	28151	3.428	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.600%
46) 2-Hexanone-d5	8.024	63	203922	50.823	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.640%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	103747	5.099	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.000%
66) 1,2-Dichlorobenzene-d4	11.558	152	117160	4.869	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.400%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	5136	0.245	ug/L #	78
12) 1,1-Dichloroethene	2.063	96	96157	4.806	ug/L	98
19) 1,1-Dichloroethane	3.108	63	65945	1.640	ug/L	97
22) cis-1,2-Dichloroethene	3.809	96	165328	7.265	ug/L	97
25) Chloroform	4.272	83	6452	0.159	ug/L	81
29) 1,1,1-Trichloroethane	4.510	97	17815	0.502	ug/L	95
34) Trichloroethene	5.828	95	251720	10.354	ug/L	98
35) Methylcyclohexane	5.982	83	27973	0.757	ug/L #	20
37) 1,2-Dichloropropane	5.986	63	12580	0.548	ug/L #	87
47) Tetrachloroethene	7.899	164	150871	8.670	ug/L	99
49) Dibromochloromethane	7.899	129	138487	8.046	ug/L #	11
61) 1,2,3-Trichloropropane	11.178	75	16843	1.367	ug/L #	66

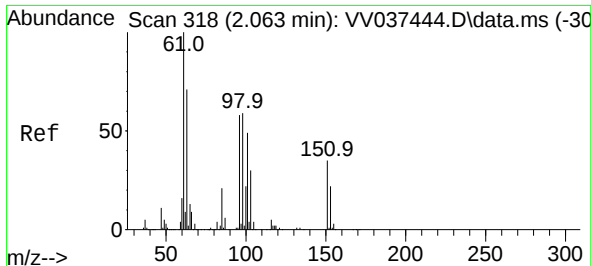
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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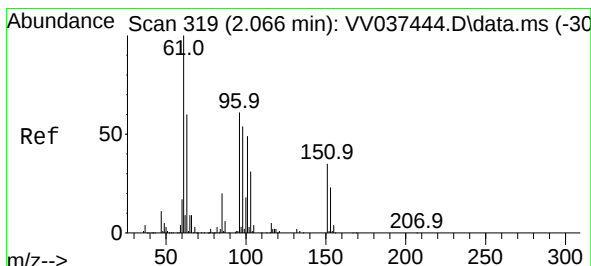
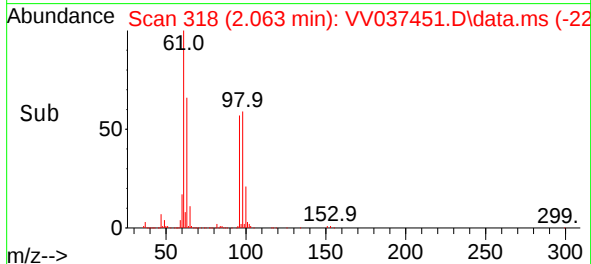
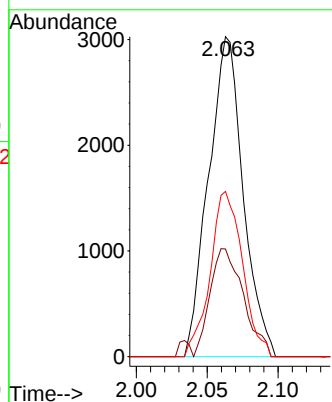
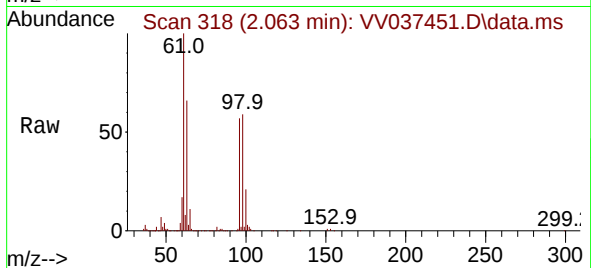




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.245 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. 0.000 min
 Lab File: VV037451.D
 Acq: 20 Sep 2024 23:43

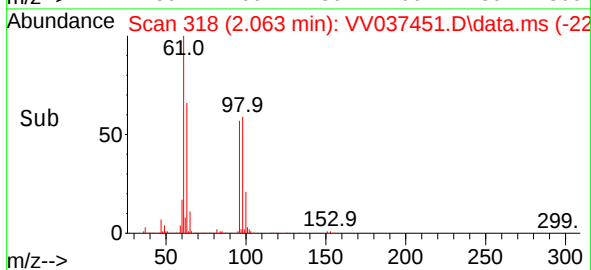
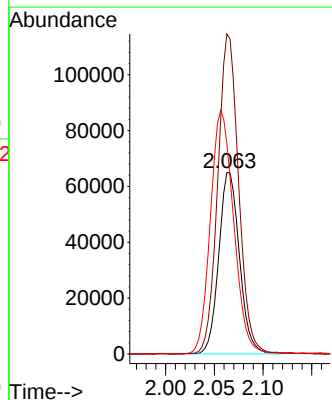
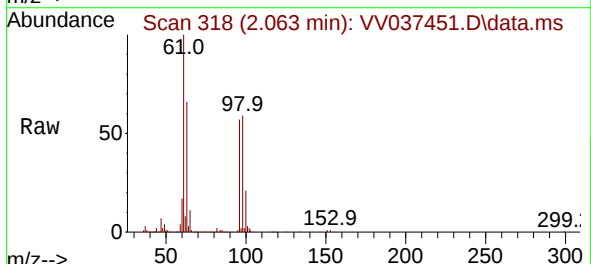
Instrument :
 MSVOA_V
 ClientSampleId :

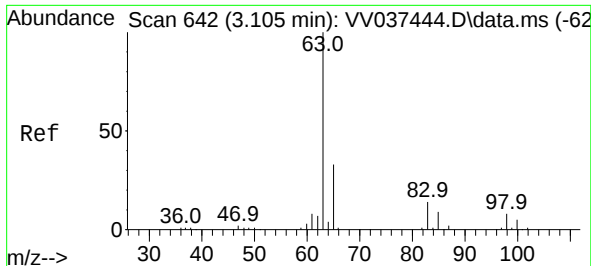
Tgt Ion:101 Resp: 5136
 Ion Ratio Lower Upper
 101 100
 85 32.7 35.1 52.7#
 151 48.3 55.3 82.9#



#12
 1,1-Dichloroethene
 Concen: 4.806 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. -0.003 min
 Lab File: VV037451.D
 Acq: 20 Sep 2024 23:43

Tgt Ion: 96 Resp: 96157
 Ion Ratio Lower Upper
 96 100
 61 176.3 119.9 222.7
 63 115.6 81.4 151.2





#19

1,1-Dichloroethane

Concen: 1.640 ug/L

RT: 3.108 min Scan# 642

Delta R.T. 0.003 min

Lab File: VV037451.D

Acq: 20 Sep 2024 23:43

Instrument :

MSVOA_V

ClientSampleId :

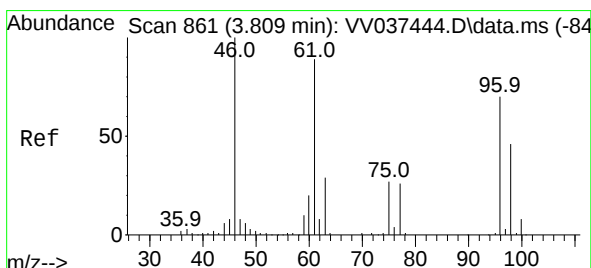
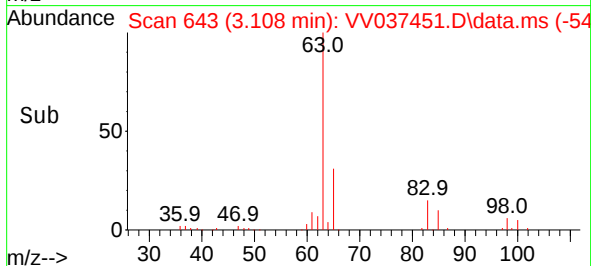
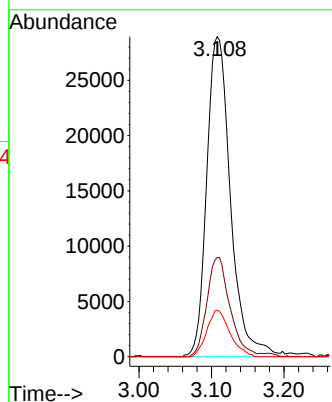
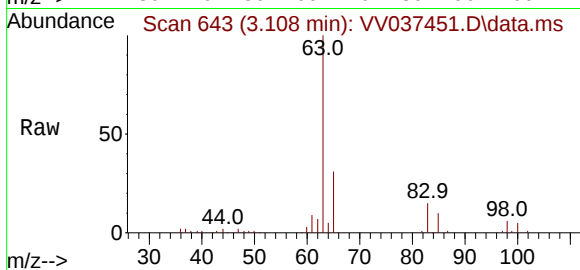
Tgt Ion: 63 Resp: 65945

Ion Ratio Lower Upper

63 100

65 31.0 22.5 41.7

83 14.5 8.9 16.5



#22

cis-1,2-Dichloroethene

Concen: 7.265 ug/L

RT: 3.809 min Scan# 861

Delta R.T. 0.000 min

Lab File: VV037451.D

Acq: 20 Sep 2024 23:43

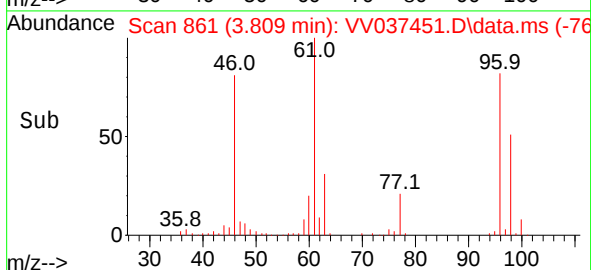
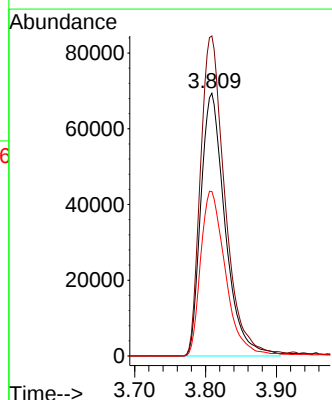
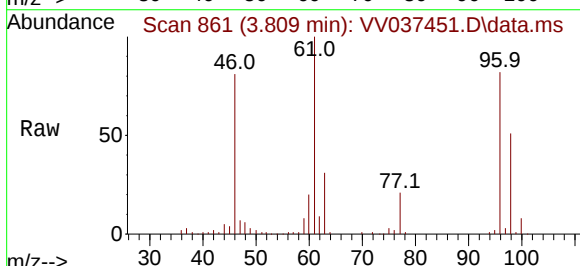
Tgt Ion: 96 Resp: 165328

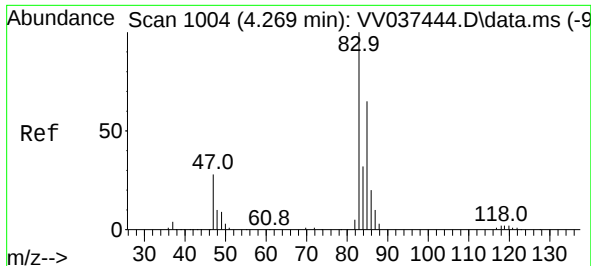
Ion Ratio Lower Upper

96 100

61 121.8 87.6 162.6

98 62.6 44.9 83.5





#25

Chloroform

Concen: 0.159 ug/L

RT: 4.272 min Scan# 1005

Delta R.T. 0.003 min

Lab File: VV037451.D

Acq: 20 Sep 2024 23:43

Instrument :

MSVOA_V

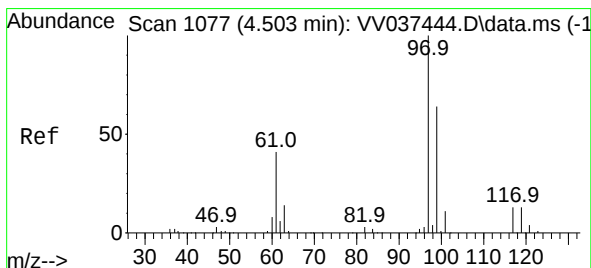
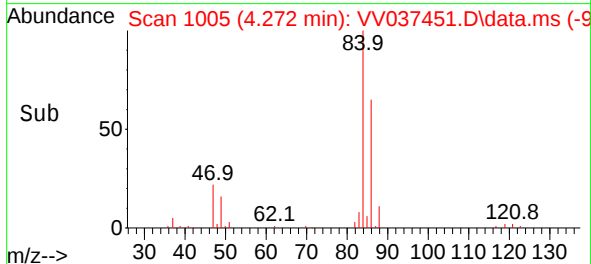
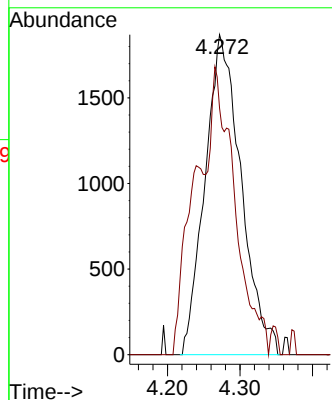
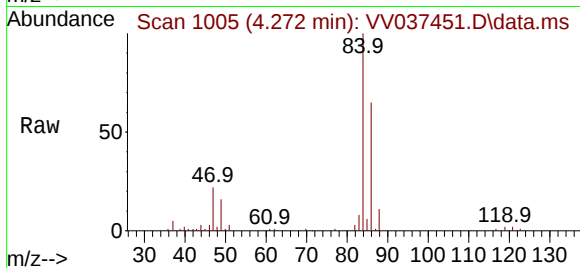
ClientSampleId :

Tgt Ion: 83 Resp: 6452

Ion Ratio Lower Upper

83 100

85 77.0 43.8 81.4



#29

1,1,1-Trichloroethane

Concen: 0.502 ug/L

RT: 4.510 min Scan# 1079

Delta R.T. 0.006 min

Lab File: VV037451.D

Acq: 20 Sep 2024 23:43

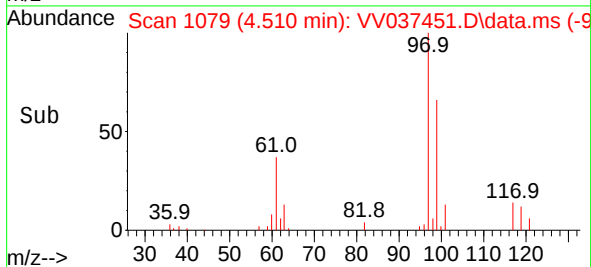
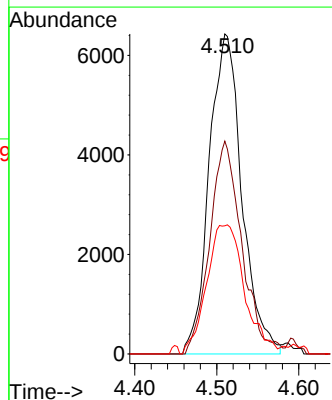
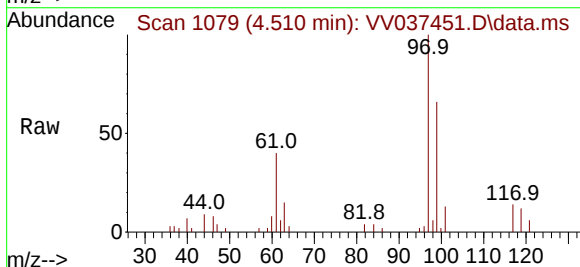
Tgt Ion: 97 Resp: 17815

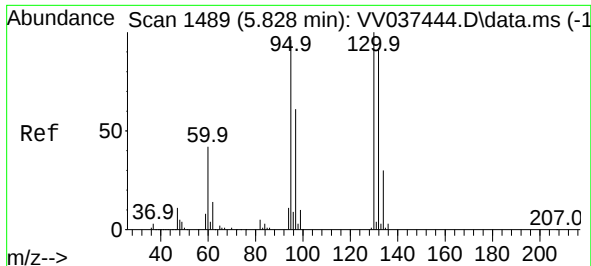
Ion Ratio Lower Upper

97 100

99 65.4 50.0 75.0

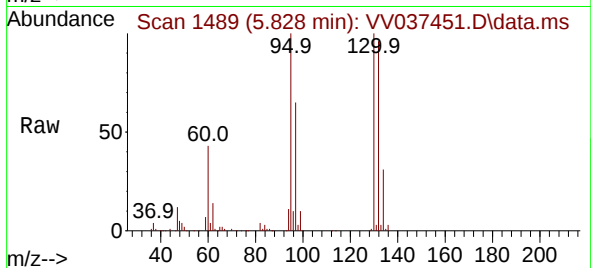
61 46.5 34.3 51.5



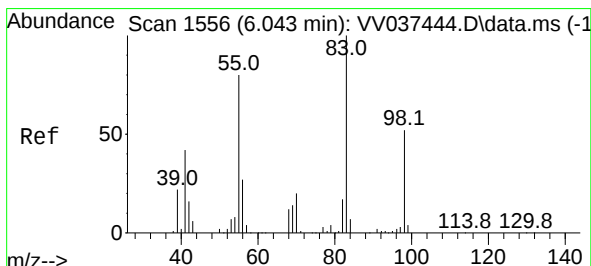
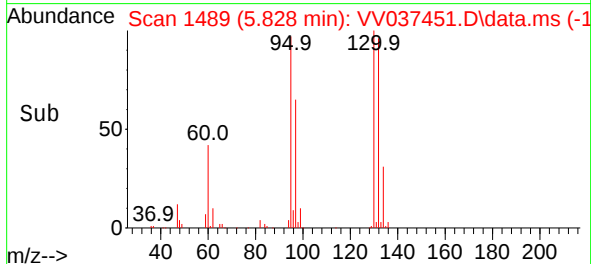
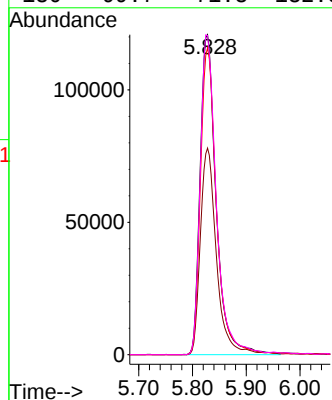


#34
Trichloroethene
Concen: 10.354 ug/L
RT: 5.828 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VV037451.D
Acq: 20 Sep 2024 23:43

Instrument :
MSVOA_V
ClientSampleId :

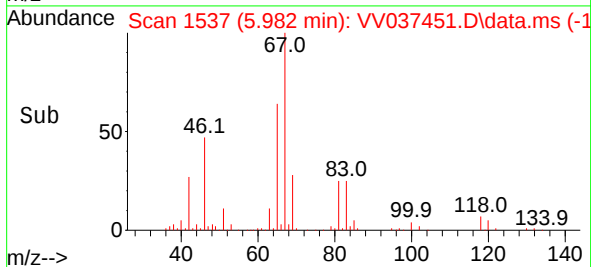
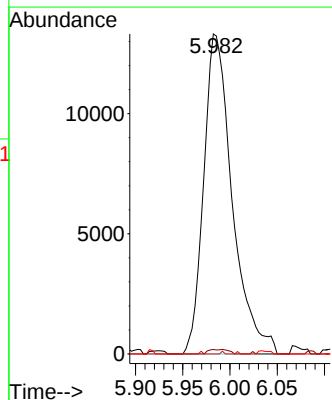
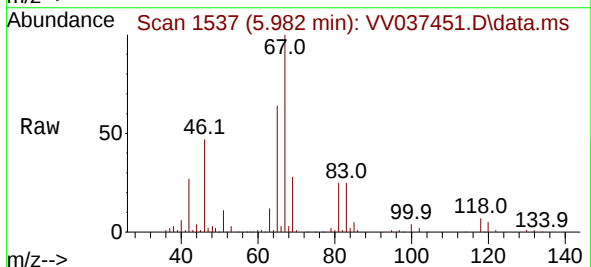


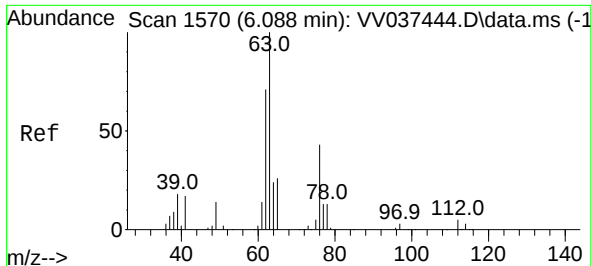
Tgt Ion	Ratio	Lower	Upper
95	100		
97	64.6	46.5	86.5
132	95.9	65.5	121.7
130	99.7	71.3	132.3



#35
Methylcyclohexane
Concen: 0.757 ug/L
RT: 5.982 min Scan# 1537
Delta R.T. -0.061 min
Lab File: VV037451.D
Acq: 20 Sep 2024 23:43

Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.4	60.3	90.5#
98	1.6	38.2	57.4#

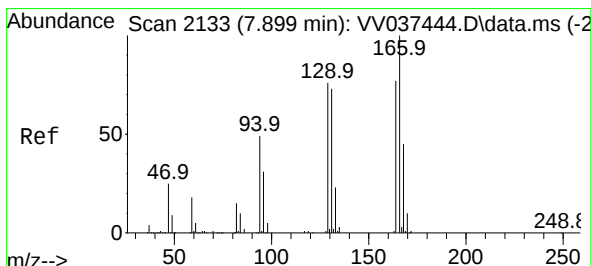
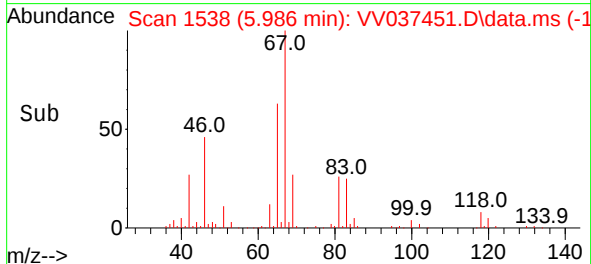
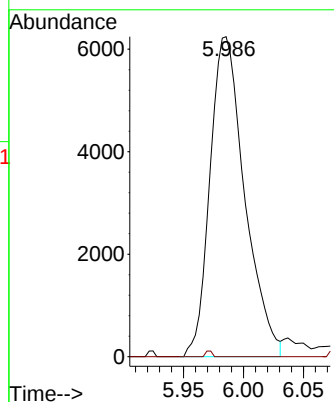
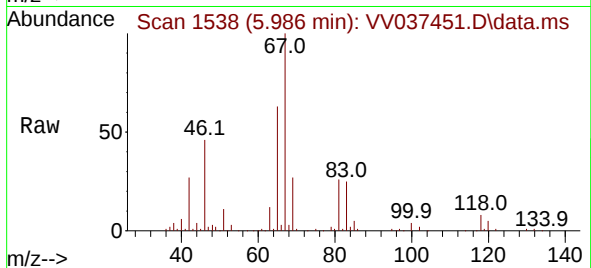




#37
1,2-Dichloropropane
Concen: 0.548 ug/L
RT: 5.986 min Scan# 1570
Delta R.T. -0.103 min
Lab File: VV037451.D
Acq: 20 Sep 2024 23:43

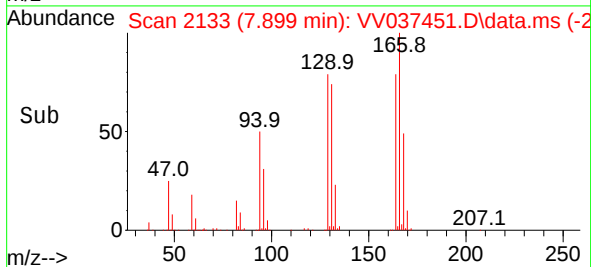
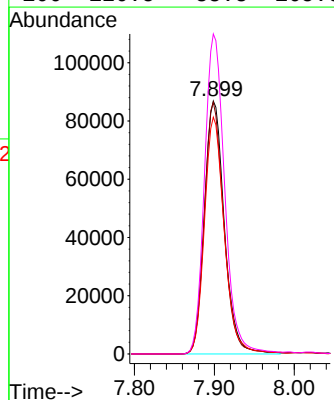
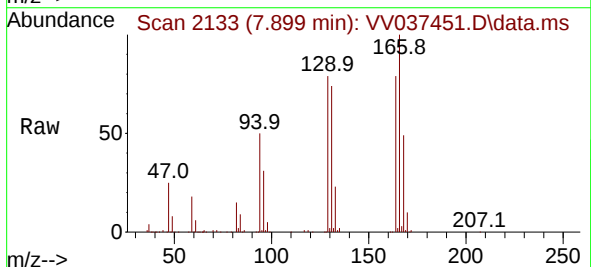
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MSVOA_V
ClientSampleId :

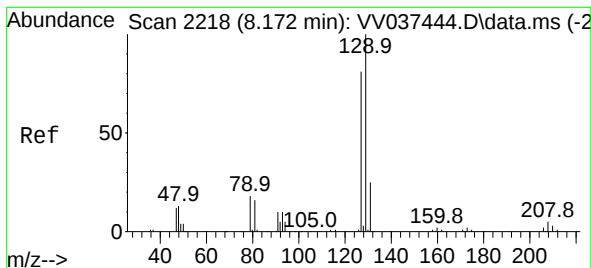
Tgt Ion: 63 Resp: 12580
Ion Ratio Lower Upper
63 100
112 0.3 3.7 5.5#



#47
Tetrachloroethene
Concen: 8.670 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. 0.000 min
Lab File: VV037451.D
Acq: 20 Sep 2024 23:43

Tgt Ion:164 Resp: 150871
Ion Ratio Lower Upper
164 100
129 99.5 69.2 128.4
131 93.7 66.6 123.8
166 126.5 88.8 165.0





#49

Dibromochloromethane

Concen: 8.046 ug/L

RT: 7.899 min Scan# 2133

Delta R.T. -0.273 min

Lab File: VV037451.D

Acq: 20 Sep 2024 23:43

Instrument :

MSVOA_V

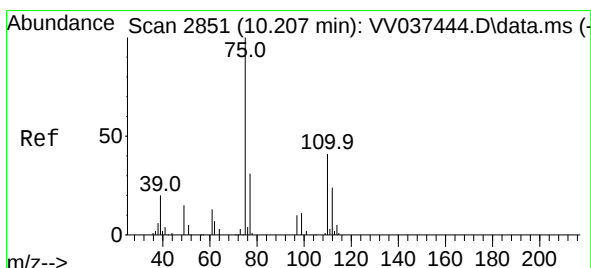
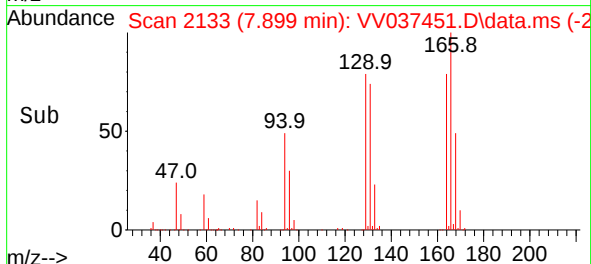
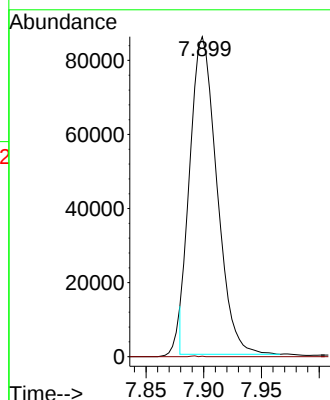
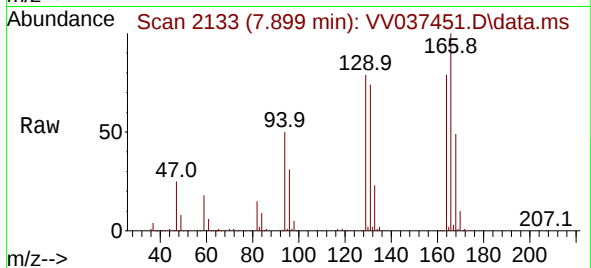
ClientSampleId :

Tgt Ion:129 Resp: 138487

Ion Ratio Lower Upper

129 100

127 0.2 54.5 101.1#



#61

1,2,3-Trichloropropane

Concen: 1.367 ug/L

RT: 11.178 min Scan# 3153

Delta R.T. 0.971 min

Lab File: VV037451.D

Acq: 20 Sep 2024 23:43

Tgt Ion: 75 Resp: 16843

Ion Ratio Lower Upper

75 100

77 29.3 25.6 38.4

110 2.8 31.0 46.4#

