

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092024\
 Data File : VV037424.D
 Acq On : 20 Sep 2024 11:47
 Operator : SY/MD
 Sample : P3994-06
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 20 23:34:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 20 23:32:27 2024
 Response via : Initial Calibration

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

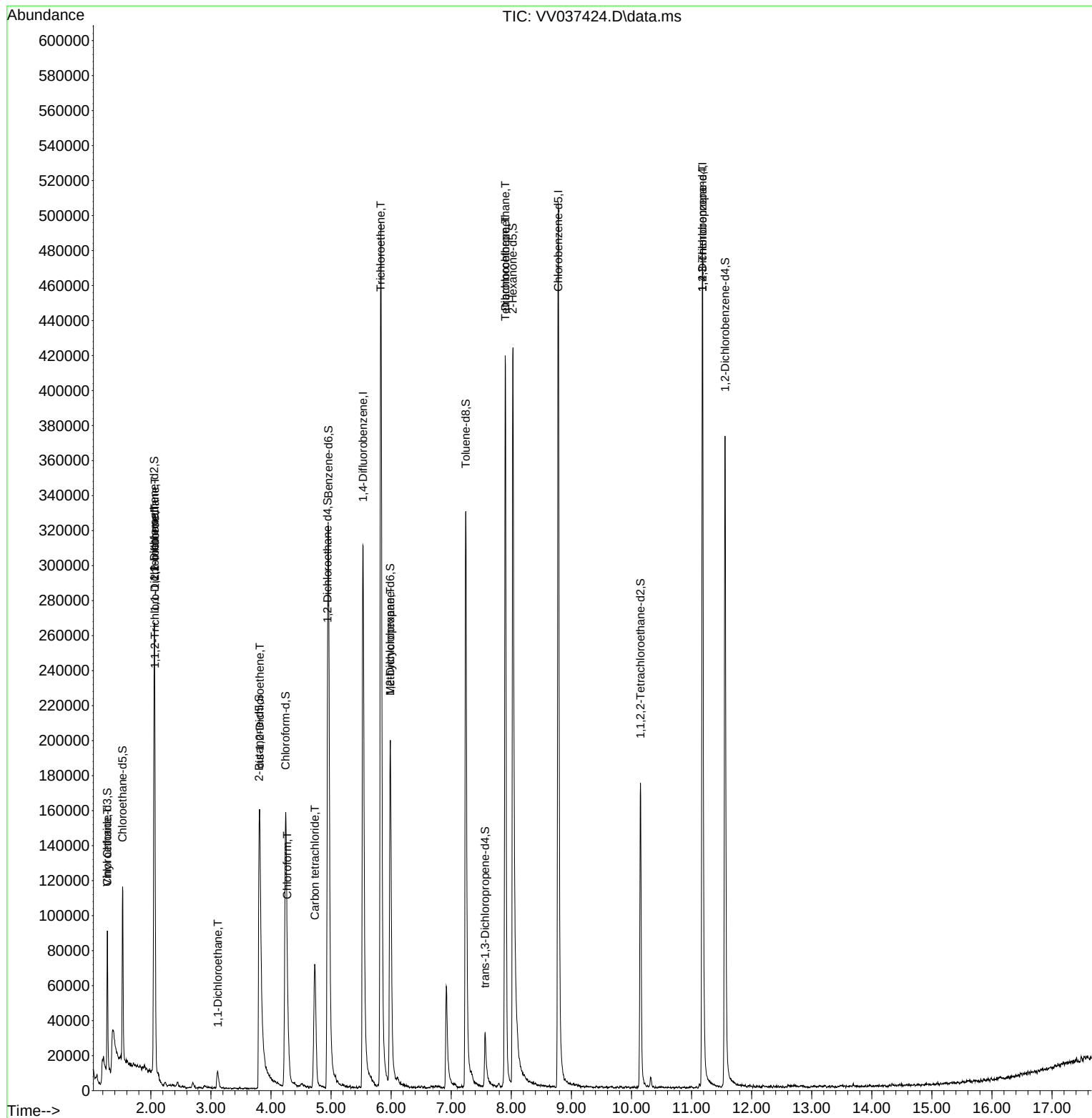
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	288462	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	303775	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	135072	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	50302	2.972	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.400%
7) Chloroethane-d5	1.529	69	63149	3.579	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.600%
11) 1,1-Dichloroethene-d2	2.056	65	27239	3.117	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.400%
20) 2-Butanone-d5	3.802	46	210595	41.639	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.280%
24) Chloroform-d	4.243	84	166748	4.058	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.200%
26) 1,2-Dichloroethane-d4	4.940	65	82309	4.278	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.600%
32) Benzene-d6	4.957	84	304292	3.736	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.800%
36) 1,2-Dichloropropane-d6	5.985	67	107097	4.228	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.600%
41) Toluene-d8	7.239	98	242088	3.299	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.000%#
43) trans-1,3-Dichloroprop...	7.564	79	24498	2.940	ug/L	0.01
Spiked Amount	5.000	Range	55 - 130	Recovery	=	58.800%
46) 2-Hexanone-d5	8.024	63	175337	43.074	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.140%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	90925	4.405	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.000%
66) 1,2-Dichlorobenzene-d4	11.558	152	102579	4.272	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.400%
Target Compounds						
8) Chloroethane	1.275	64	2089	0.124	ug/L	84
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	5289	0.250	ug/L	87
12) 1,1-Dichloroethene	2.063	96	37085	1.835	ug/L #	55
19) 1,1-Dichloroethane	3.114	63	11113	0.274	ug/L	97
22) cis-1,2-Dichloroethene	3.812	96	35441	1.541	ug/L	92
25) Chloroform	4.268	83	26536	0.649	ug/L	96
31) Carbon tetrachloride	4.728	117	57047	1.861	ug/L	99
34) Trichloroethene	5.828	95	188781	7.654	ug/L	97
35) Methylcyclohexane	5.985	83	25019	0.667	ug/L #	19
47) Tetrachloroethene	7.902	164	95100	5.387	ug/L	98
49) Dibromochloromethane	7.899	129	92210	5.281	ug/L #	11
61) 1,2,3-Trichloropropane	11.181	75	16473	1.340	ug/L #	65

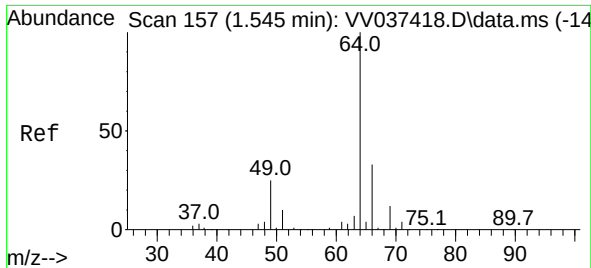
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 20 23:32:27 2024
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.124 ug/L

RT: 1.275 min Scan# 74

Delta R.T. -0.270 min MSVOA_V

Lab File: VV037424.D

Acq: 20 Sep 2024 11:47

Instrument :

MSVOA_V

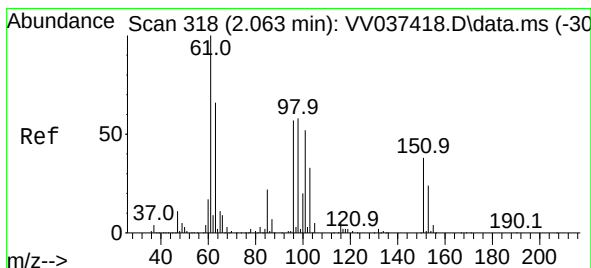
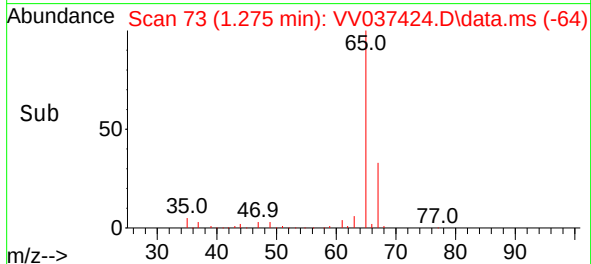
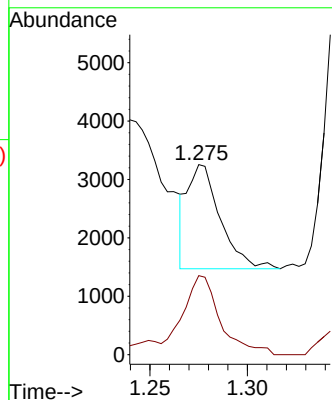
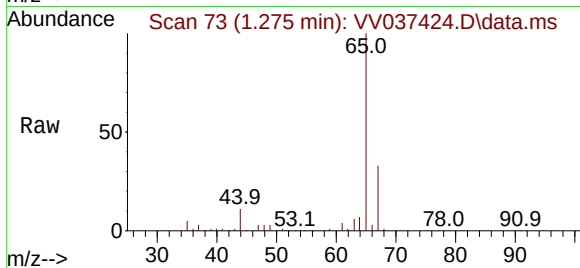
ClientSampleId :

Tgt Ion: 64 Resp: 2089

Ion Ratio Lower Upper

64 100

66 41.6 22.7 42.1



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.250 ug/L

RT: 2.066 min Scan# 319

Delta R.T. 0.003 min

Lab File: VV037424.D

Acq: 20 Sep 2024 11:47

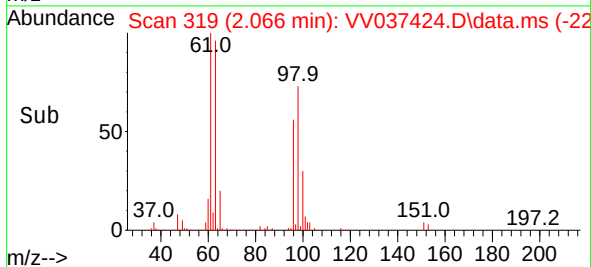
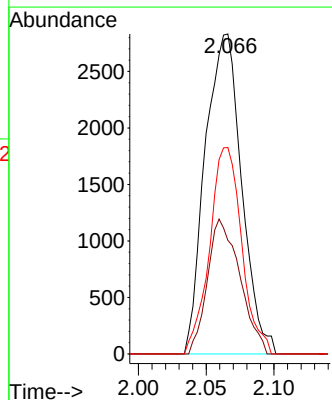
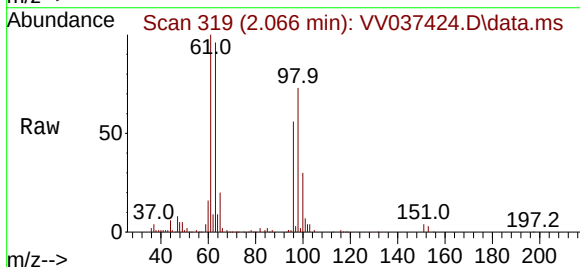
Tgt Ion:101 Resp: 5289

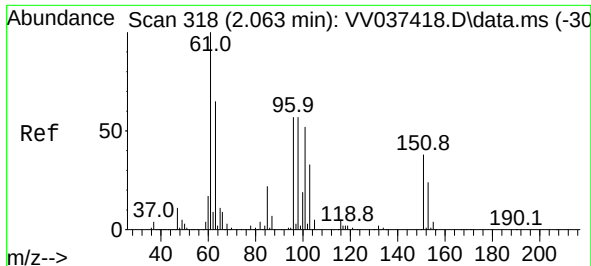
Ion Ratio Lower Upper

101 100

85 37.5 35.1 52.7

151 57.0 55.3 82.9





#12

1,1-Dichloroethene

Concen: 1.835 ug/L

RT: 2.063 min Scan# 318

Delta R.T. -0.000 min

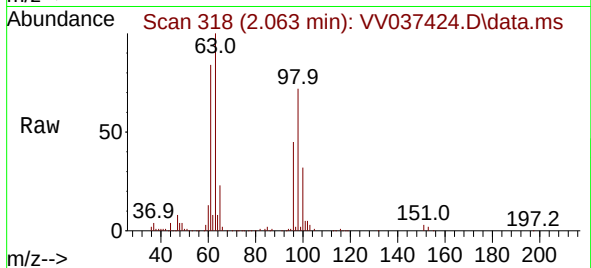
Lab File: VV037424.D

Acq: 20 Sep 2024 11:47

Instrument :

MSVOA_V

ClientSampleId :



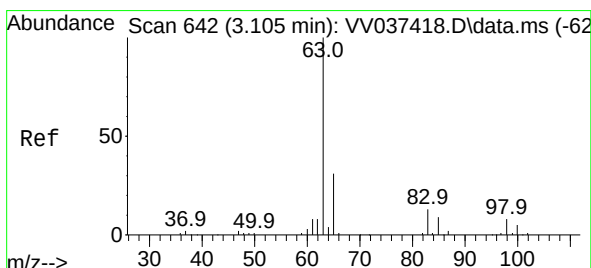
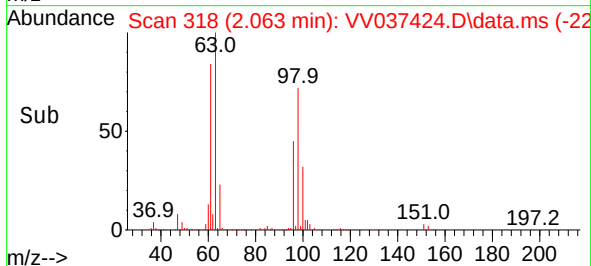
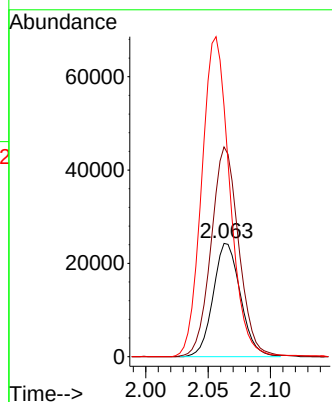
Tgt Ion: 96 Resp: 37085

Ion Ratio Lower Upper

96 100

61 185.1 119.9 222.7

63 221.1 81.4 151.2#



#19

1,1-Dichloroethane

Concen: 0.274 ug/L

RT: 3.114 min Scan# 645

Delta R.T. 0.009 min

Lab File: VV037424.D

Acq: 20 Sep 2024 11:47

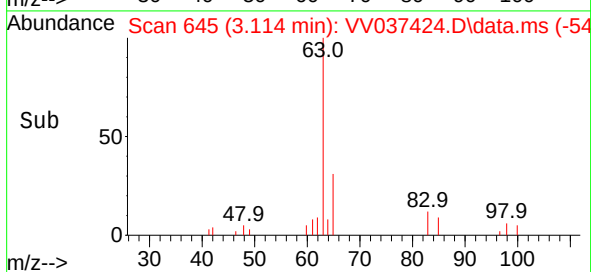
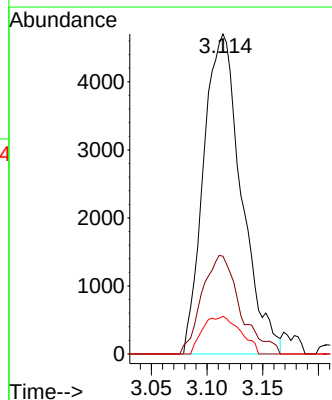
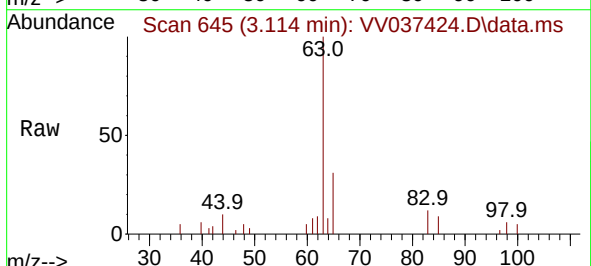
Tgt Ion: 63 Resp: 11113

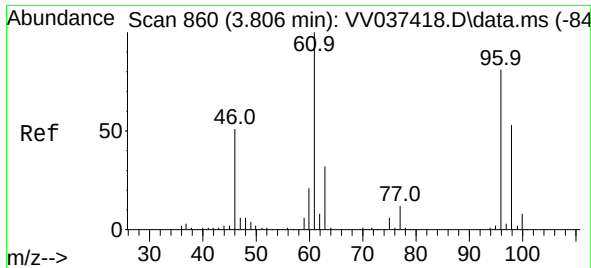
Ion Ratio Lower Upper

63 100

65 30.5 22.5 41.7

83 11.7 8.9 16.5





#22

cis-1,2-Dichloroethene

Concen: 1.541 ug/L

RT: 3.812 min Scan# 80

Delta R.T. 0.006 min

Lab File: VV037424.D

Acq: 20 Sep 2024 11:47

Instrument :

MSVOA_V

ClientSampleId :

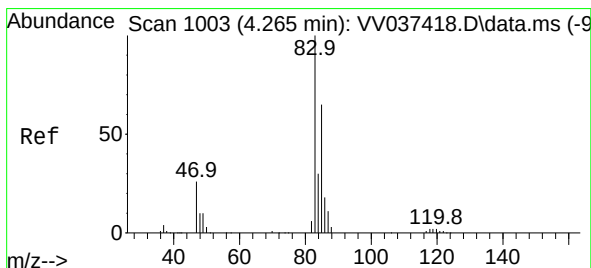
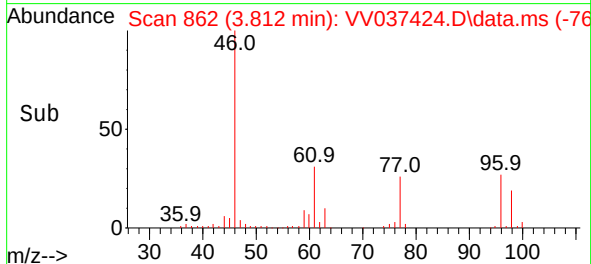
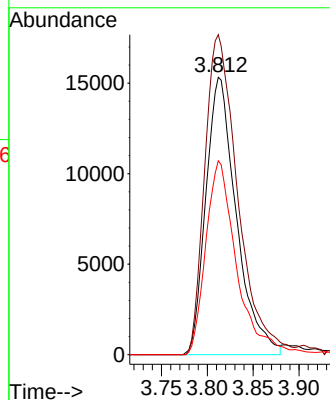
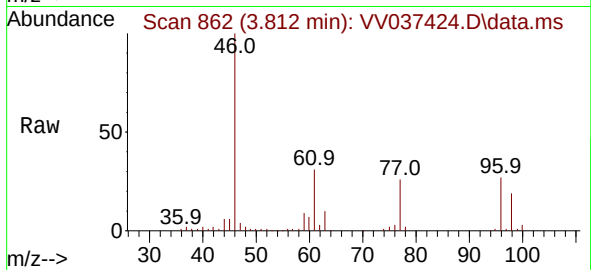
Tgt Ion: 96 Resp: 35441

Ion Ratio Lower Upper

96 100

61 115.3 87.6 162.6

98 69.9 44.9 83.5



#25

Chloroform

Concen: 0.649 ug/L

RT: 4.268 min Scan# 1004

Delta R.T. 0.003 min

Lab File: VV037424.D

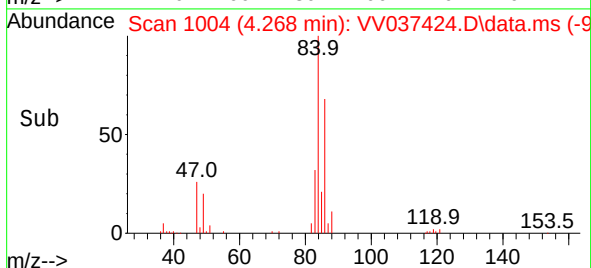
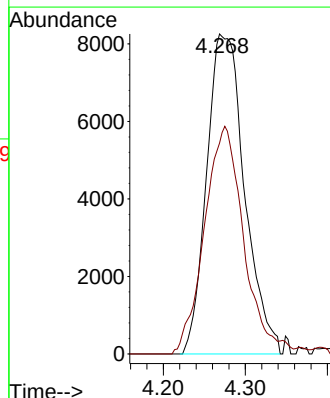
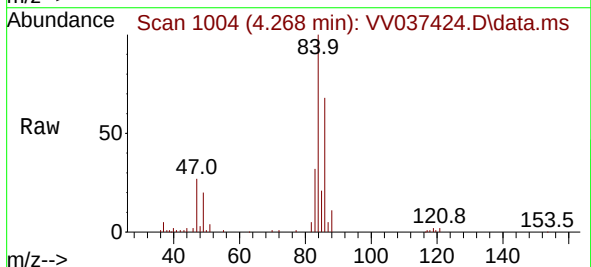
Acq: 20 Sep 2024 11:47

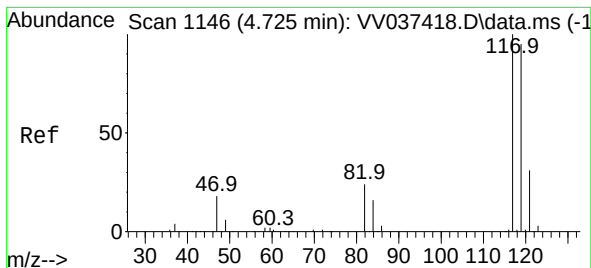
Tgt Ion: 83 Resp: 26536

Ion Ratio Lower Upper

83 100

85 65.9 43.8 81.4





#31

Carbon tetrachloride

Concen: 1.861 ug/L

RT: 4.728 min Scan# 1146

Delta R.T. 0.003 min

Lab File: VV037424.D

Acq: 20 Sep 2024 11:47

Instrument :

MSVOA_V

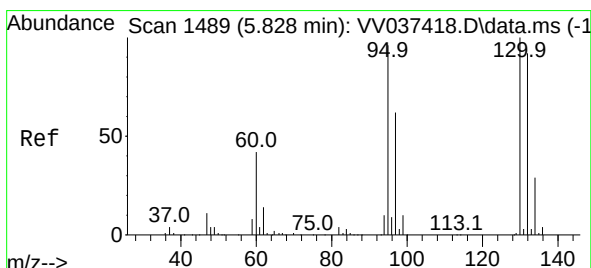
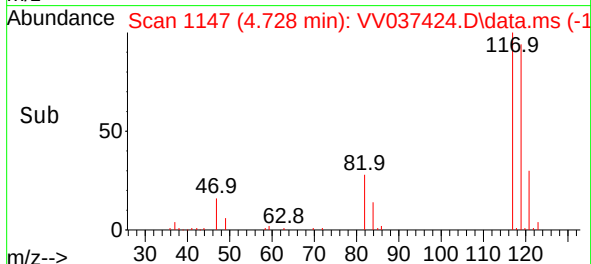
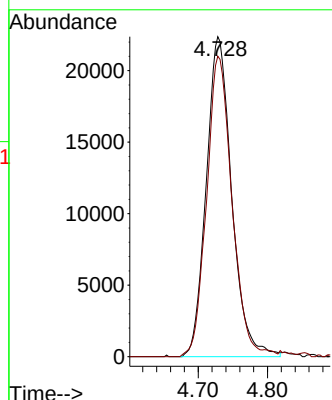
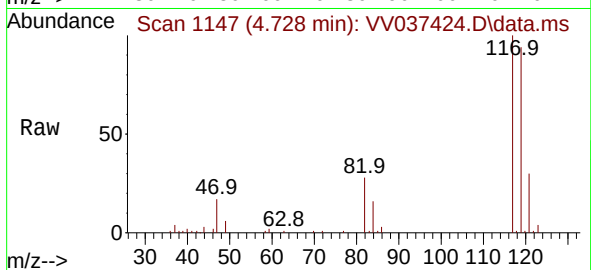
ClientSampleId :

Tgt Ion:117 Resp: 57047

Ion Ratio Lower Upper

117 100

119 93.9 76.2 114.4



#34

Trichloroethene

Concen: 7.654 ug/L

RT: 5.828 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VV037424.D

Acq: 20 Sep 2024 11:47

Tgt Ion: 95 Resp: 188781

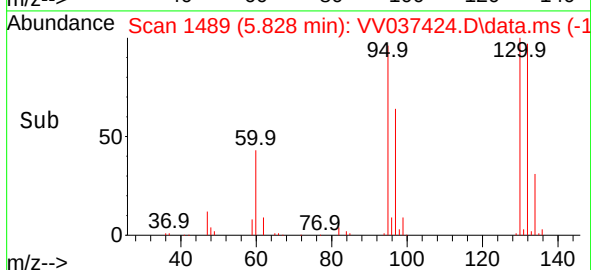
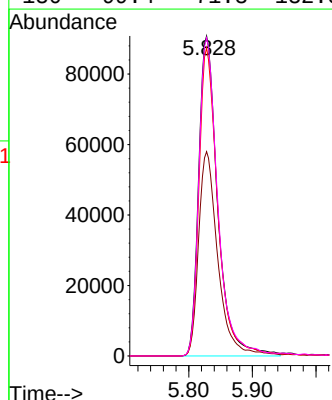
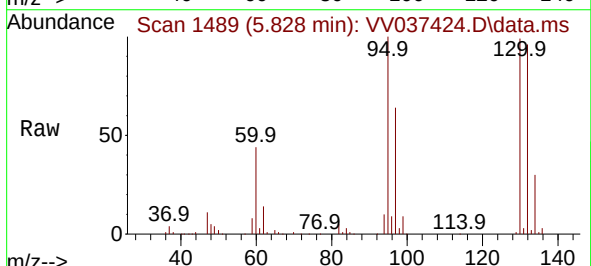
Ion Ratio Lower Upper

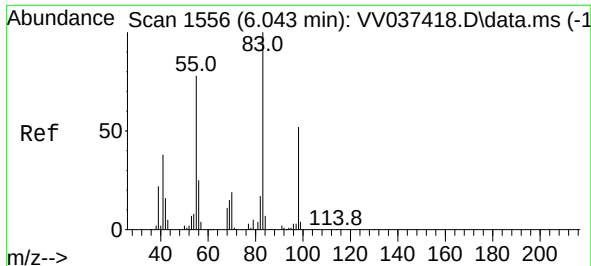
95 100

97 63.9 46.5 86.5

132 96.3 65.5 121.7

130 99.4 71.3 132.3





#35

Methylcyclohexane

Concen: 0.667 ug/L

RT: 5.985 min Scan# 1

Delta R.T. -0.058 min

Lab File: VV037424.D

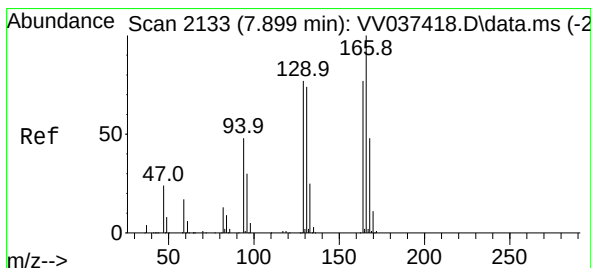
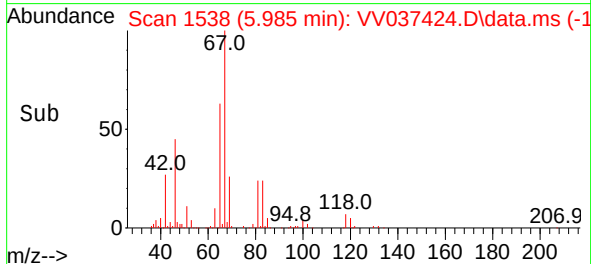
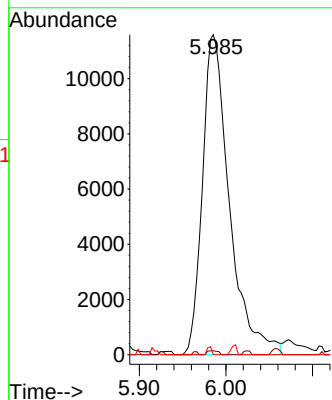
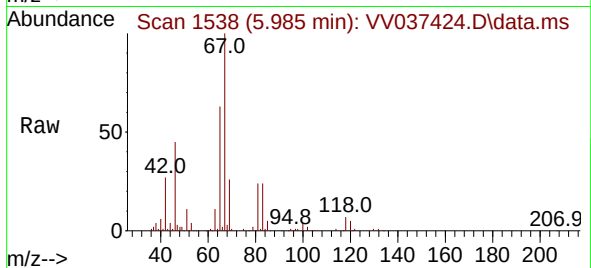
Acq: 20 Sep 2024 11:47

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	25019
Ion Ratio	Lower	Upper	
83	100		
55	0.5	60.3	90.5#
98	0.0	38.2	57.4#



#47

Tetrachloroethene

Concen: 5.387 ug/L

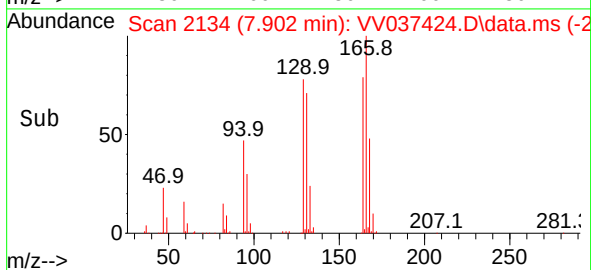
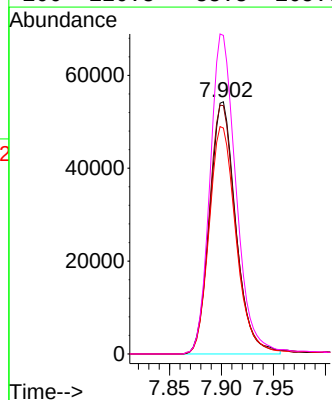
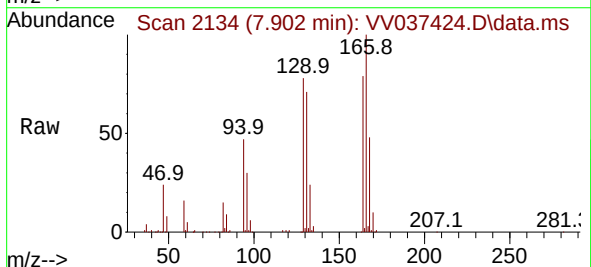
RT: 7.902 min Scan# 2134

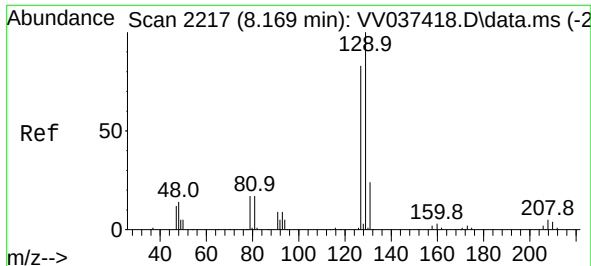
Delta R.T. 0.003 min

Lab File: VV037424.D

Acq: 20 Sep 2024 11:47

Tgt Ion:	164	Resp:	95100
Ion Ratio	Lower	Upper	
164	100		
129	98.5	69.2	128.4
131	89.6	66.6	123.8
166	126.3	88.8	165.0





#49

Dibromochloromethane

Concen: 5.281 ug/L

RT: 7.899 min Scan# 2133

Delta R.T. -0.270 min

Lab File: VV037424.D

Acq: 20 Sep 2024 11:47

Instrument :

MSVOA_V

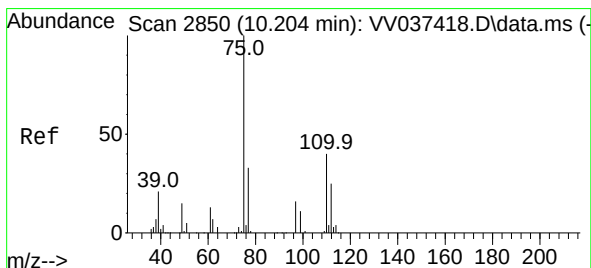
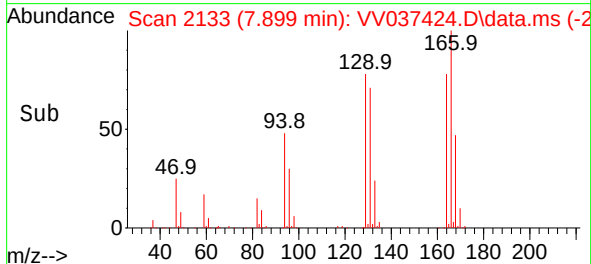
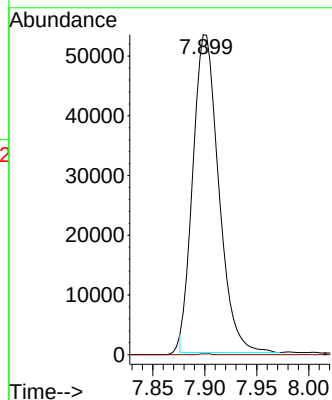
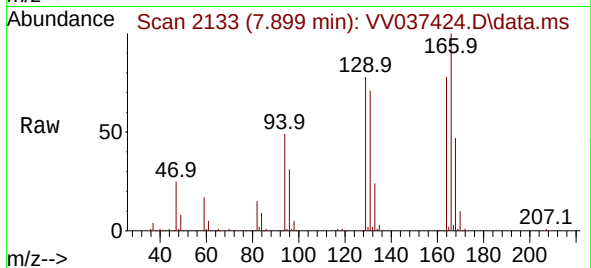
ClientSampleId :

Tgt Ion:129 Resp: 92210

Ion Ratio Lower Upper

129 100

127 0.2 54.5 101.1#



#61

1,2,3-Trichloropropane

Concen: 1.340 ug/L

RT: 11.181 min Scan# 3154

Delta R.T. 0.977 min

Lab File: VV037424.D

Acq: 20 Sep 2024 11:47

Tgt Ion: 75 Resp: 16473

Ion Ratio Lower Upper

75 100

77 36.3 25.6 38.4

110 3.4 31.0 46.4#

