

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091924\
 Data File : VV037408.D
 Acq On : 20 Sep 2024 02:18
 Operator : SY/MD
 Sample : P3994-07
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B27

Quant Time: Sep 20 04:17:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 20 03:11:07 2024
 Response via : Initial Calibration

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

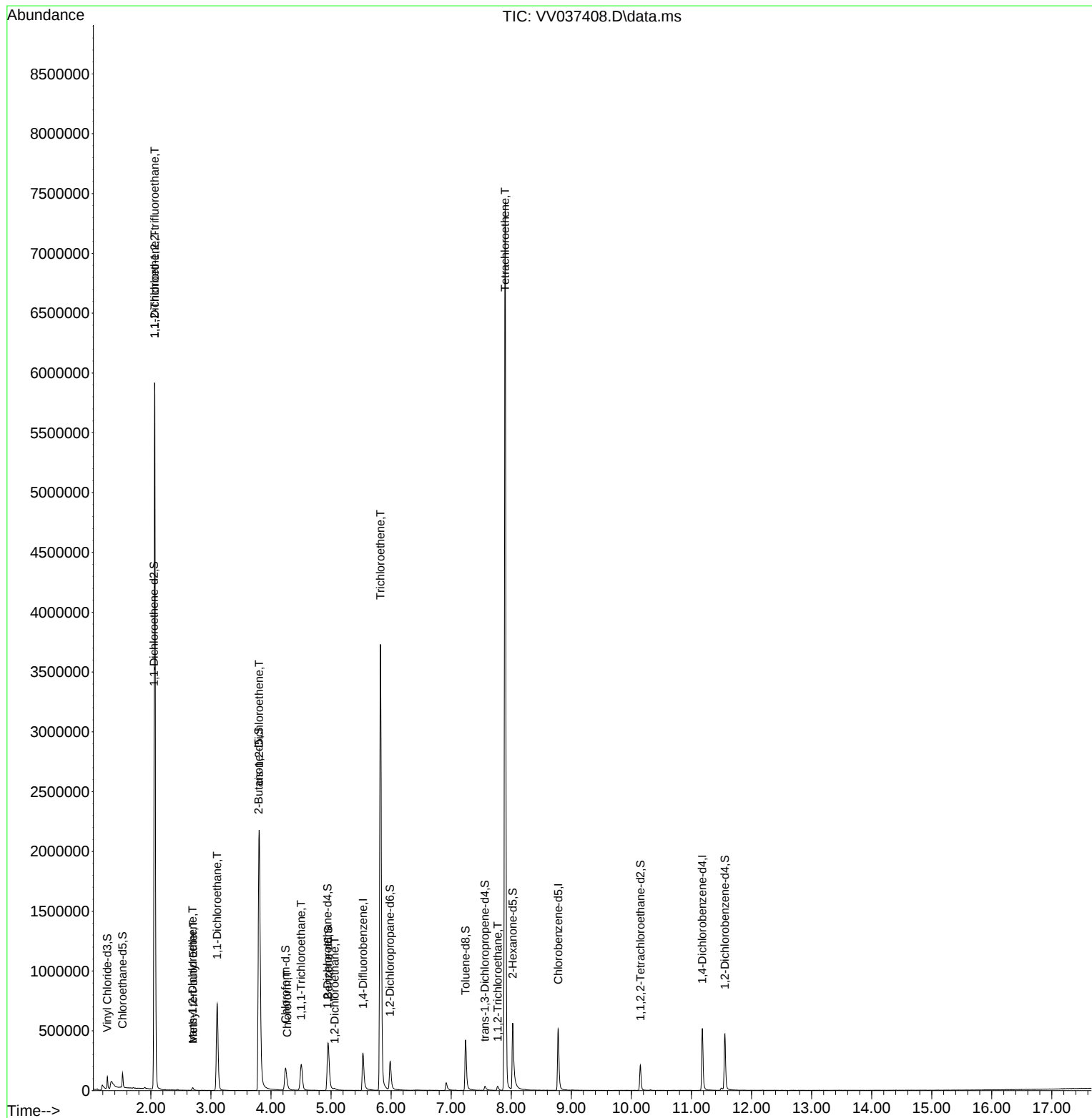
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	292317	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	311296	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	139145	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	61945	3.612	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.200%
7) Chloroethane-d5	1.529	69	77982	4.361	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.200%
11) 1,1-Dichloroethene-d2	2.053	65	35041	3.957	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.200%
20) 2-Butanone-d5	3.796	46	281215	54.869	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.740%
24) Chloroform-d	4.243	84	204903	4.921	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
26) 1,2-Dichloroethane-d4	4.940	65	101409	5.202	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.000%
32) Benzene-d6	4.953	84	373056	4.470	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
36) 1,2-Dichloropropane-d6	5.982	67	128115	4.936	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.800%
41) Toluene-d8	7.239	98	304603	4.050	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.000%
43) trans-1,3-Dichloroprop...	7.561	79	27425	3.212	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	64.200%
46) 2-Hexanone-d5	8.024	63	229070	54.914	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.820%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	109013	5.153	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.000%
66) 1,2-Dichlorobenzene-d4	11.558	152	128279	5.185	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.800%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	80337	3.745	ug/L	97
12) 1,1-Dichloroethene	2.063	96	1687383	82.372	ug/L #	76
17) Methyl tert-butyl Ether	2.703	73	4949	0.102	ug/L #	85
18) trans-1,2-Dichloroethene	2.696	96	7122	0.330	ug/L #	81
19) 1,1-Dichloroethane	3.105	63	737639	17.923	ug/L	99
22) cis-1,2-Dichloroethene	3.802	96	1174788	50.421	ug/L	99
25) Chloroform	4.272	83	18251	0.440	ug/L	94
27) 1,2-Dichloroethane	5.059	62	11965	0.510	ug/L	100
29) 1,1,1-Trichloroethane	4.503	97	187289	5.074	ug/L	99
34) Trichloroethene	5.821	95	1352327	53.504	ug/L	98
45) 1,1,2-Trichloroethane	7.773	97	11983	0.702	ug/L	98
47) Tetrachloroethene	7.899	164	1583971	87.560	ug/L	100

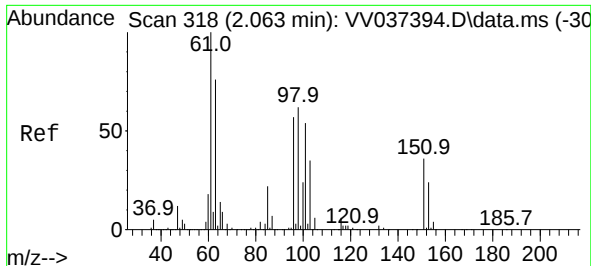
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091924\
Data File : VV037408.D
Acq On : 20 Sep 2024 02:18
Operator : SY/MD
Sample : P3994-07
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0B27

Quant Time: Sep 20 04:17:48 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 20 03:11:07 2024
Response via : Initial Calibration

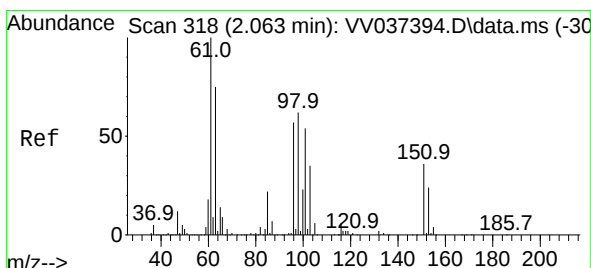
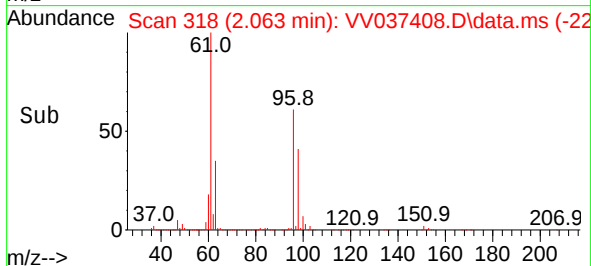
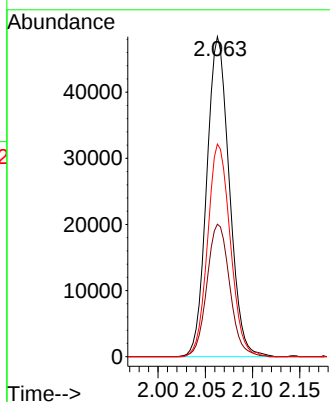
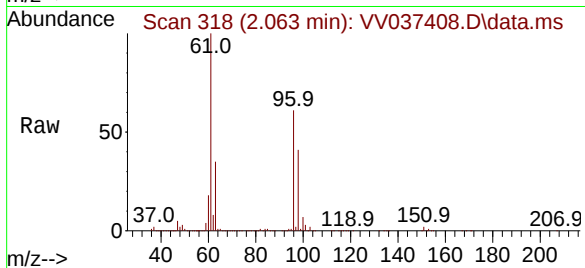




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 3.745 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. 0.000 min
 Lab File: VV037408.D
 Acq: 20 Sep 2024 02:18

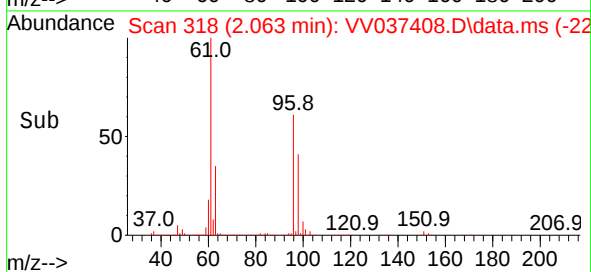
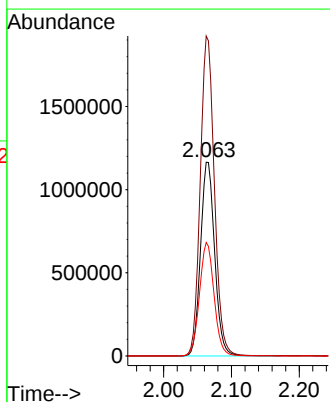
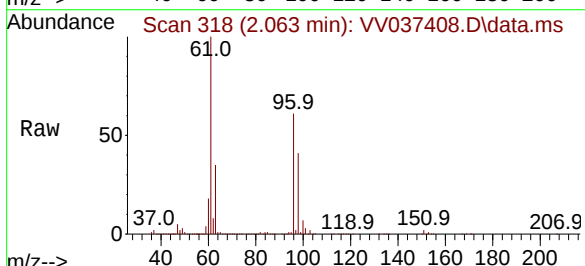
Instrument :
 MSVOA_V
 ClientSampleId :
 C0B27

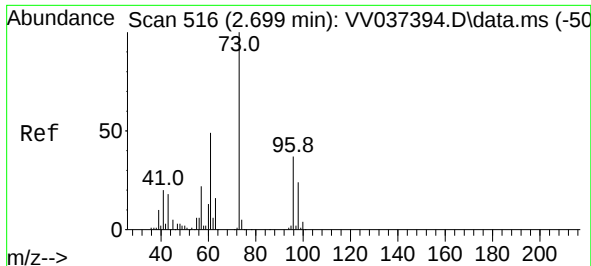
Tgt Ion:101 Resp: 80337
 Ion Ratio Lower Upper
 101 100
 85 42.0 35.1 52.7
 151 66.9 55.3 82.9



#12
 1,1-Dichloroethene
 Concen: 82.372 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. 0.000 min
 Lab File: VV037408.D
 Acq: 20 Sep 2024 02:18

Tgt Ion: 96 Resp: 1687383
 Ion Ratio Lower Upper
 96 100
 61 165.1 119.9 222.7
 63 58.5 81.4 151.2#





#17

Methyl tert-butyl Ether

Concen: 0.102 ug/L

RT: 2.703 min Scan# 51

Delta R.T. 0.003 min

Lab File: VV037408.D

Acq: 20 Sep 2024 02:18

Instrument :

MSVOA_V

ClientSampleId :

C0B27

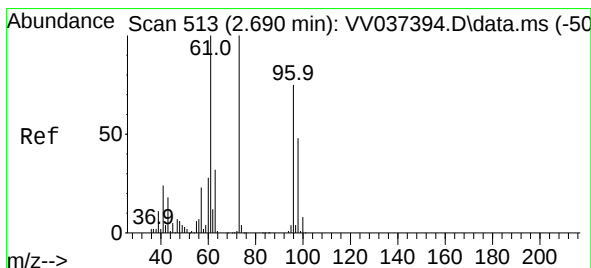
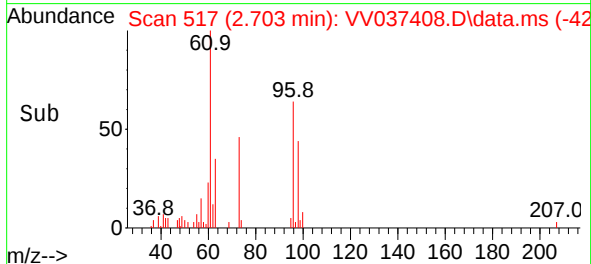
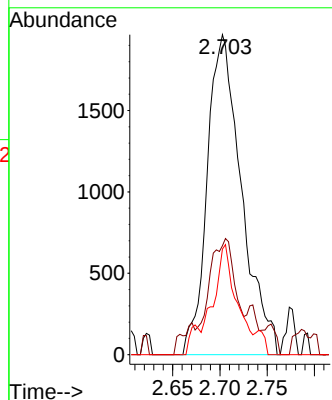
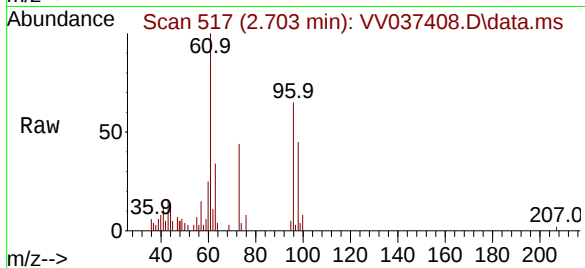
Tgt Ion: 73 Resp: 4949

Ion Ratio Lower Upper

73 100

43 28.5 14.5 21.7#

57 17.8 17.7 26.5



#18

trans-1,2-Dichloroethene

Concen: 0.330 ug/L

RT: 2.696 min Scan# 515

Delta R.T. 0.006 min

Lab File: VV037408.D

Acq: 20 Sep 2024 02:18

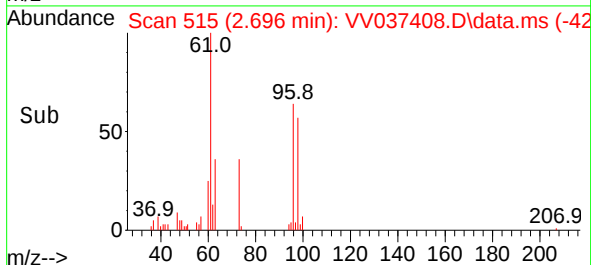
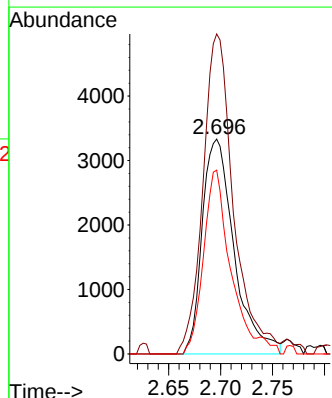
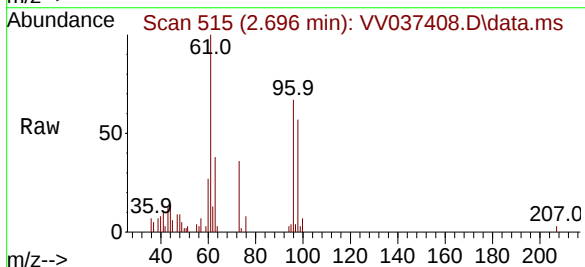
Tgt Ion: 96 Resp: 7122

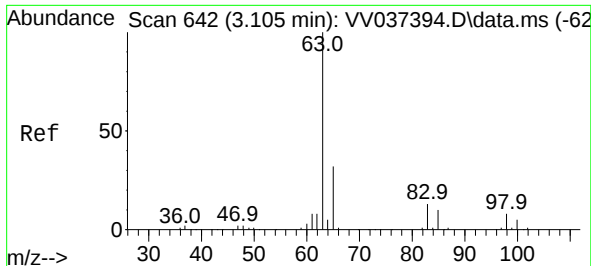
Ion Ratio Lower Upper

96 100

61 148.9 92.8 172.4

98 85.5 43.0 79.8#

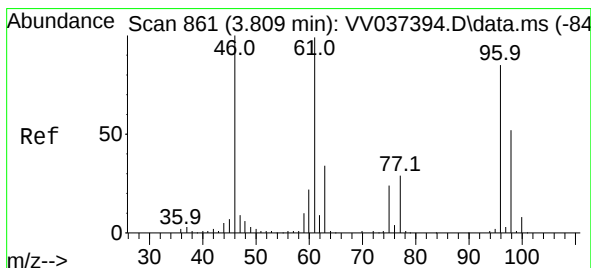
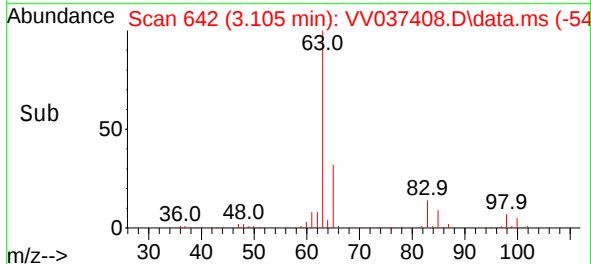
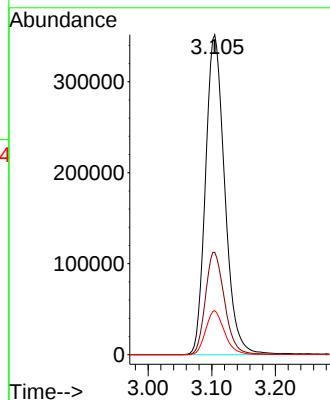
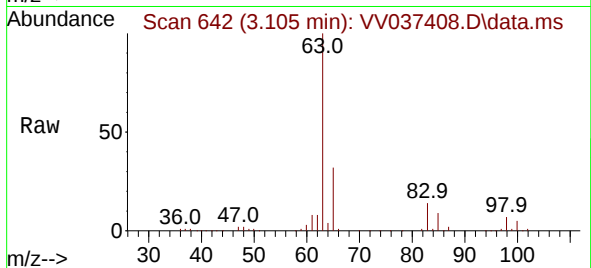




#19
1,1-Dichloroethane
Concen: 17.923 ug/L
RT: 3.105 min Scan# 642
Delta R.T. 0.000 min
Lab File: VV037408.D
Acq: 20 Sep 2024 02:18

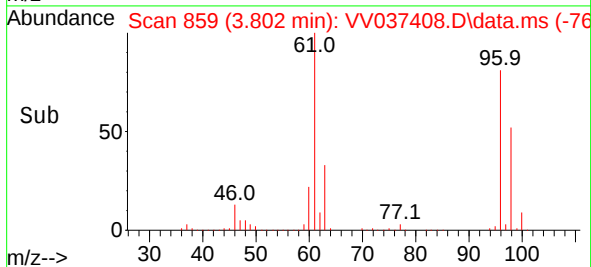
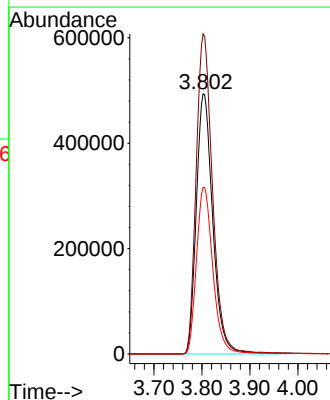
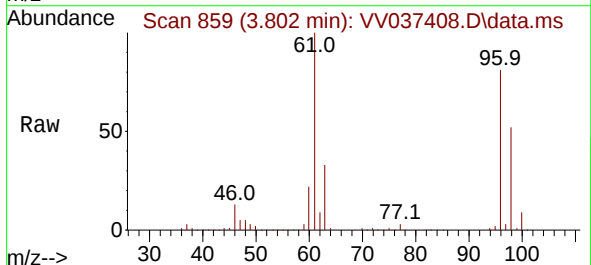
Instrument :
MSVOA_V
ClientSampleId :
C0B27

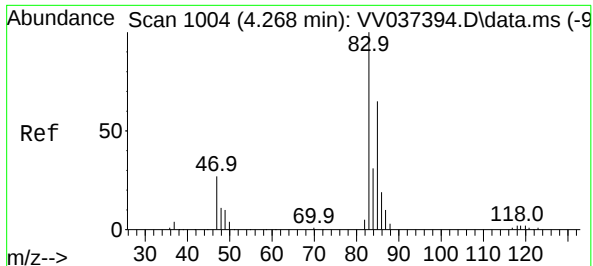
Tgt Ion: 63 Resp: 737639
Ion Ratio Lower Upper
63 100
65 32.0 22.5 41.7
83 13.8 8.9 16.5



#22
cis-1,2-Dichloroethene
Concen: 50.421 ug/L
RT: 3.802 min Scan# 859
Delta R.T. -0.006 min
Lab File: VV037408.D
Acq: 20 Sep 2024 02:18

Tgt Ion: 96 Resp: 1174788
Ion Ratio Lower Upper
96 100
61 123.0 87.6 162.6
98 64.0 44.9 83.5





#25

Chloroform

Concen: 0.440 ug/L

RT: 4.272 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV037408.D

Acq: 20 Sep 2024 02:18

Instrument :

MSVOA_V

ClientSampleId :

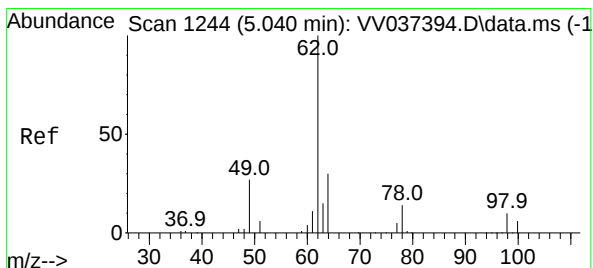
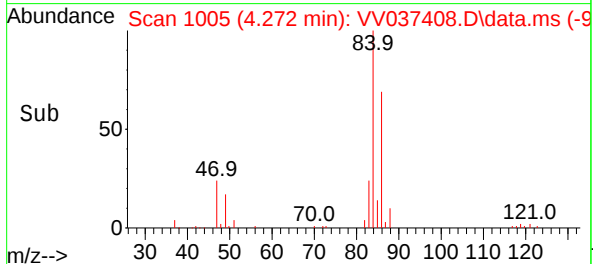
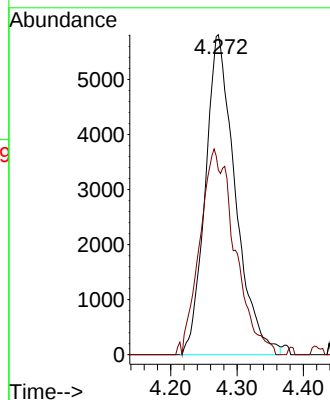
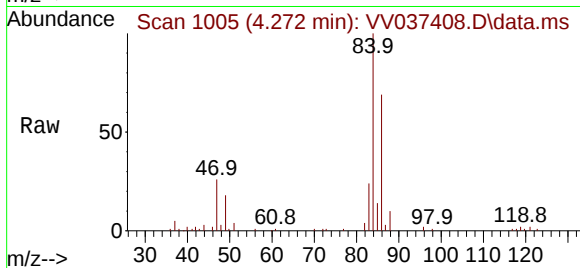
C0B27

Tgt Ion: 83 Resp: 18251

Ion Ratio Lower Upper

83 100

85 57.8 43.8 81.4



#27

1,2-Dichloroethane

Concen: 0.510 ug/L

RT: 5.059 min Scan# 1250

Delta R.T. 0.019 min

Lab File: VV037408.D

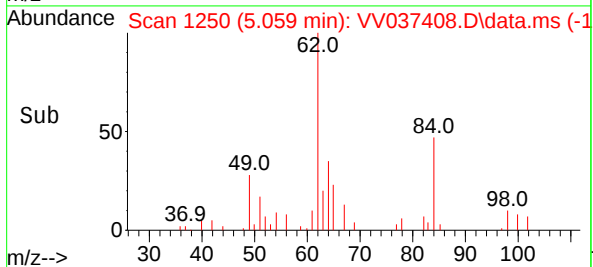
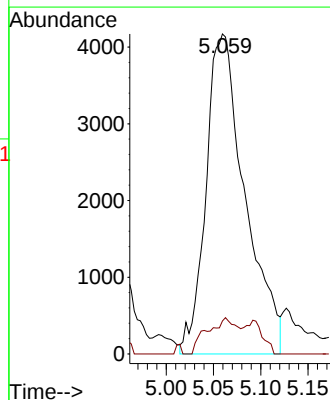
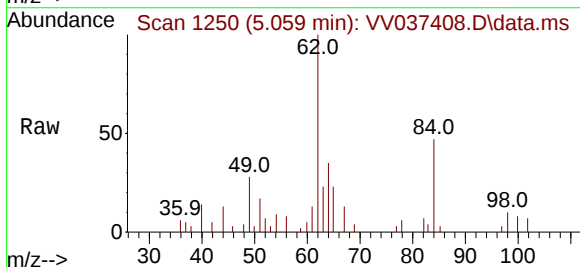
Acq: 20 Sep 2024 02:18

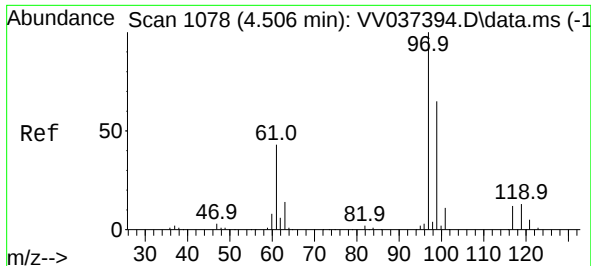
Tgt Ion: 62 Resp: 11965

Ion Ratio Lower Upper

62 100

98 10.3 8.2 12.4





#29

1,1,1-Trichloroethane

Concen: 5.074 ug/L

RT: 4.503 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV037408.D

Acq: 20 Sep 2024 02:18

Instrument :

MSVOA_V

ClientSampleId :

C0B27

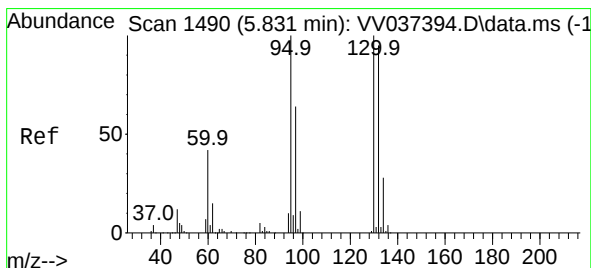
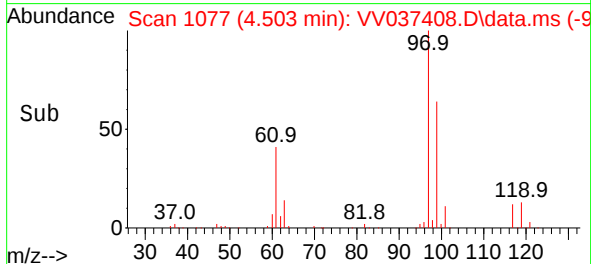
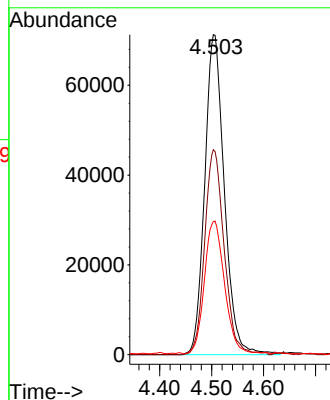
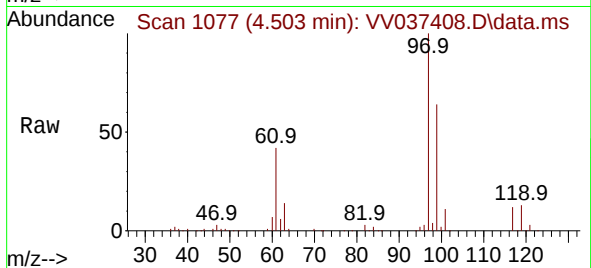
Tgt Ion: 97 Resp: 187289

Ion Ratio Lower Upper

97 100

99 63.2 50.0 75.0

61 42.3 34.3 51.5



#34

Trichloroethene

Concen: 53.504 ug/L

RT: 5.821 min Scan# 1487

Delta R.T. -0.010 min

Lab File: VV037408.D

Acq: 20 Sep 2024 02:18

Tgt Ion: 95 Resp: 1352327

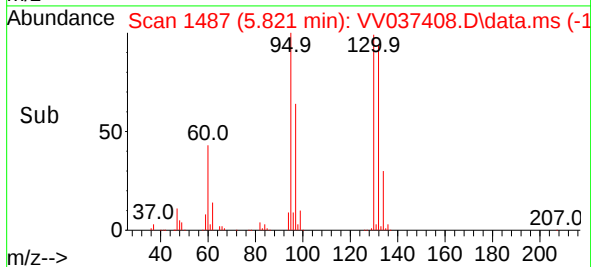
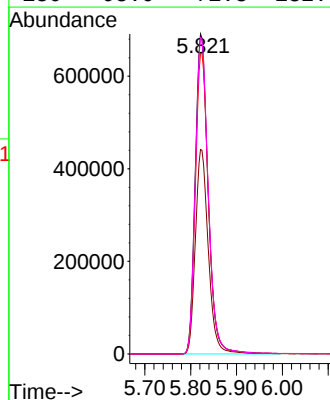
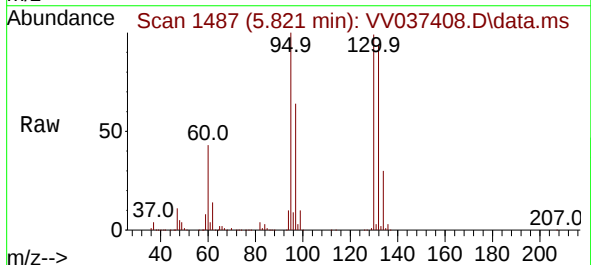
Ion Ratio Lower Upper

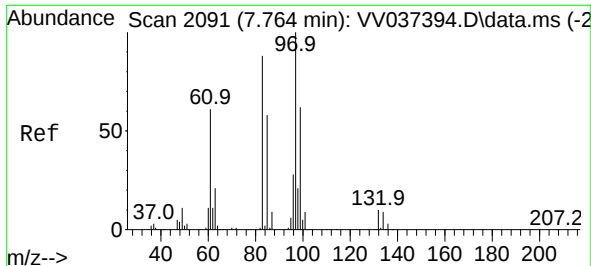
95 100

97 63.9 46.5 86.5

132 93.9 65.5 121.7

130 98.9 71.3 132.3

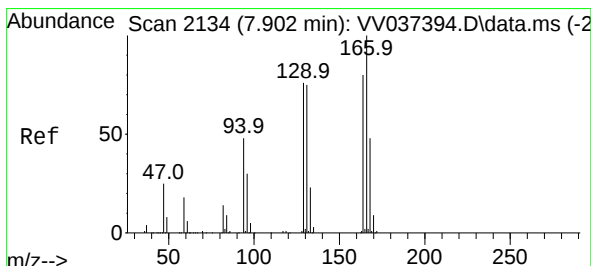
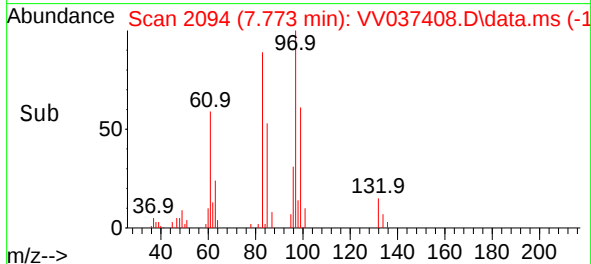
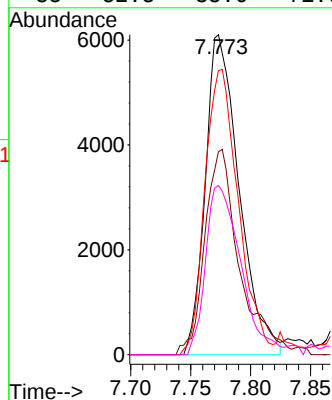
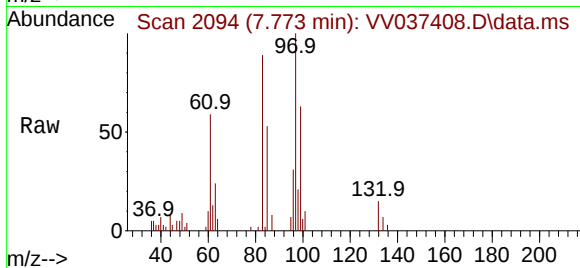




#45
1,1,2-Trichloroethane
Concen: 0.702 ug/L
RT: 7.773 min Scan# 2091
Delta R.T. 0.010 min
Lab File: VV037408.D
Acq: 20 Sep 2024 02:18

Instrument :
MSVOA_V
ClientSampleId :
C0B27

Tgt Ion:	97	Resp:	11983
Ion	Ratio	Lower	Upper
97	100		
99	63.4	43.1	80.1
83	88.7	61.0	113.4
85	52.8	38.6	71.6



#47
Tetrachloroethene
Concen: 87.560 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. -0.003 min
Lab File: VV037408.D
Acq: 20 Sep 2024 02:18

Tgt Ion:	164	Resp:	1583971
Ion	Ratio	Lower	Upper
164	100		
129	98.4	69.2	128.4
131	94.8	66.6	123.8
166	126.7	88.8	165.0

