

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092724\
 Data File : VV037628.D
 Acq On : 27 Sep 2024 23:31
 Operator : SY/MD
 Sample : P4185-09
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 28 04:21:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 28 00:49:19 2024
 Response via : Initial Calibration

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

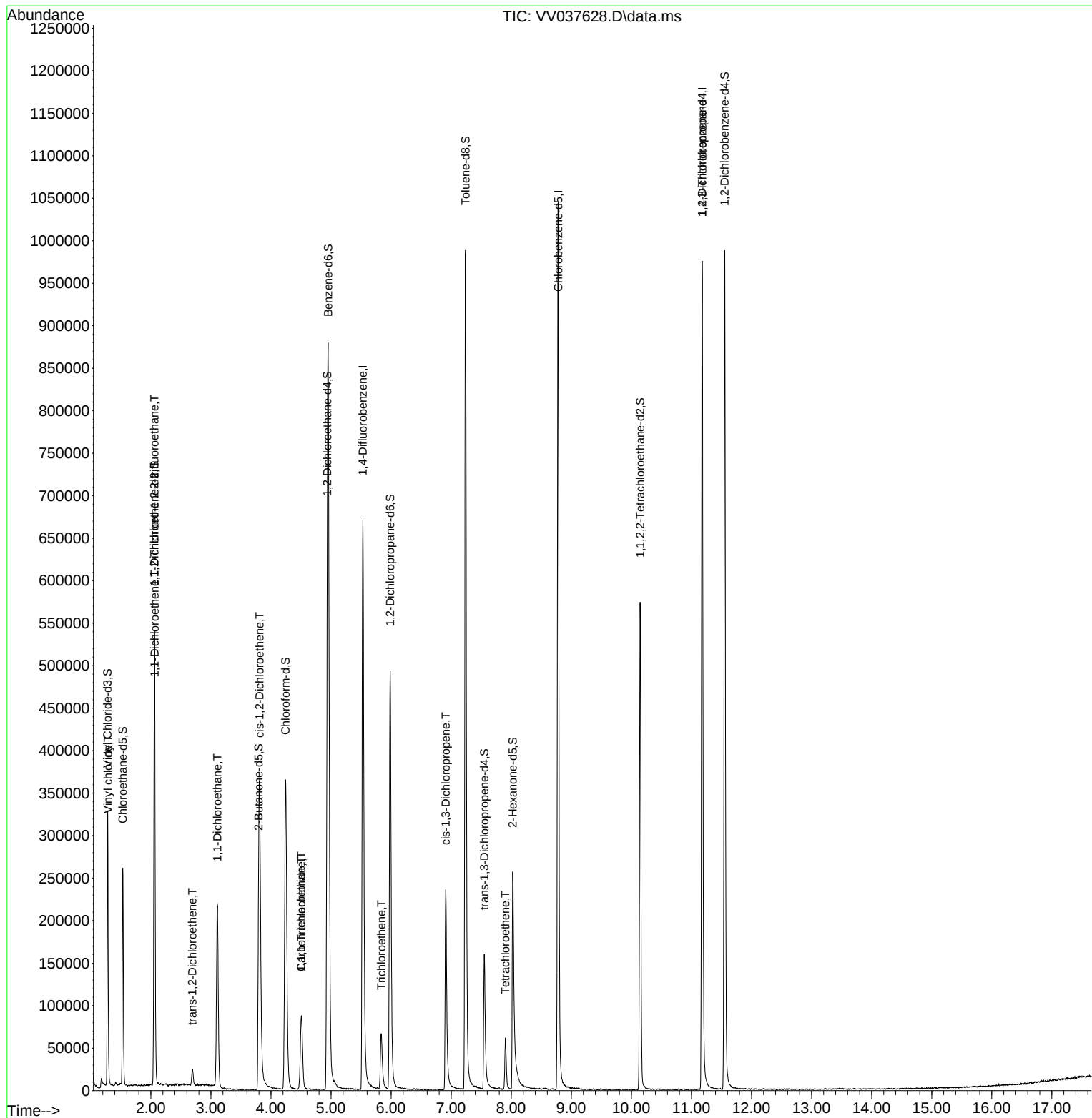
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	604402	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	581099	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	262396	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	196525	37.040	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.080%
7) Chloroethane-d5	1.532	69	167310	40.626	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.260%
11) 1,1-Dichloroethene-d2	2.060	65	88899	40.105	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.200%
21) 2-Butanone-d5	3.793	46	149664	79.196	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	79.200%
24) Chloroform-d	4.243	84	391648	41.491	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.980%
26) 1,2-Dichloroethane-d4	4.937	65	240055	43.448	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.900%
32) Benzene-d6	4.953	84	773401	42.533	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.060%
36) 1,2-Dichloropropane-d6	5.986	67	247724	42.783	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.560%
41) Toluene-d8	7.239	98	666113	40.399	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.800%
43) trans-1,3-Dichloroprop...	7.551	79	102330	38.044	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.080%
47) 2-Hexanone-d5	8.024	63	87018	71.171	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	71.170%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	278045	41.328	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.660%
66) 1,2-Dichlorobenzene-d4	11.554	152	256824	46.449	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.900%
Target Compounds						Qvalue
5) Vinyl chloride	1.285	62	27187	5.077	ug/L	92
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	3096	0.719	ug/L #	22
12) 1,1-Dichloroethene	2.066	96	3742	0.930	ug/L #	1
17) trans-1,2-Dichloroethene	2.693	96	6575	1.545	ug/L	93
19) 1,1-Dichloroethane	3.108	63	210928	25.862	ug/L	98
20) cis-1,2-Dichloroethene	3.809	96	172231	36.156	ug/L	98
30) 1,1,1-Trichloroethane	4.506	97	74371	10.391	ug/L	99
31) Carbon tetrachloride	4.506	117	9553	1.535	ug/L	97
34) Trichloroethene	5.838	95	24808	5.315	ug/L	96
39) cis-1,3-Dichloropropene	6.908	75	6628	0.917	ug/L #	59
46) Tetrachloroethene	7.902	164	13793	3.865	ug/L	91
61) 1,2,3-Trichloropropane	11.178	75	32173	8.617	ug/L #	66

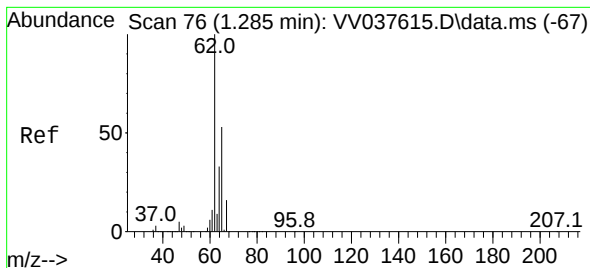
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Sep 28 00:49:19 2024
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 5.077 ug/L

RT: 1.285 min Scan# 7

Delta R.T. 0.000 min

Lab File: VV037628.D

Acq: 27 Sep 2024 23:31

Instrument :

MSVOA_V

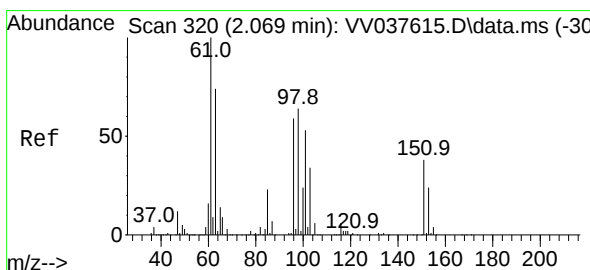
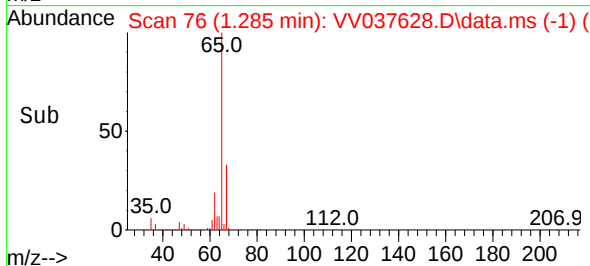
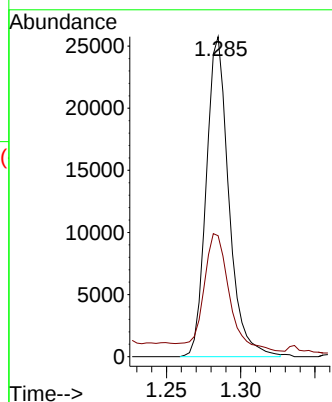
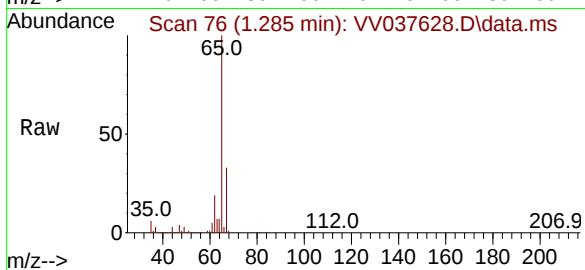
ClientSampleId :

Tgt Ion: 62 Resp: 27187

Ion Ratio Lower Upper

62 100

64 37.8 23.2 43.0



#10

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

Concen: 0.719 ug/L

RT: 2.060 min Scan# 317

Delta R.T. -0.010 min

Lab File: VV037628.D

Acq: 27 Sep 2024 23:31

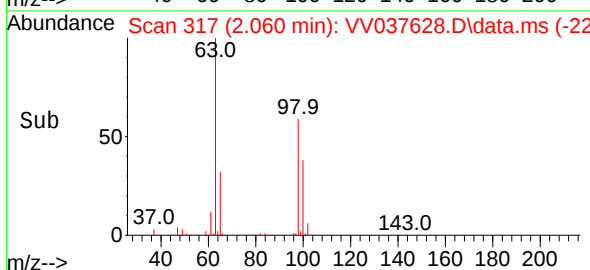
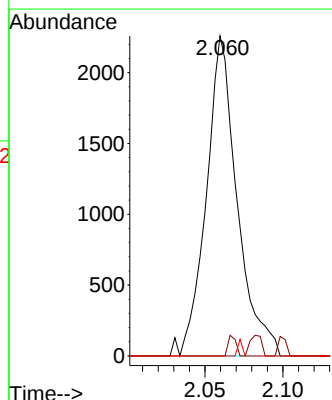
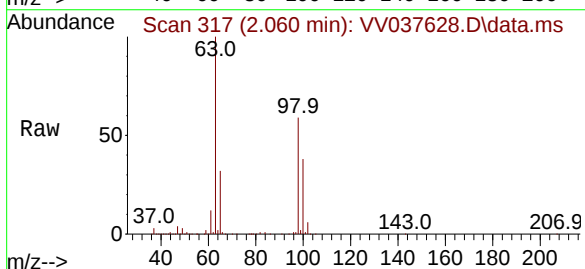
Tgt Ion: 101 Resp: 3096

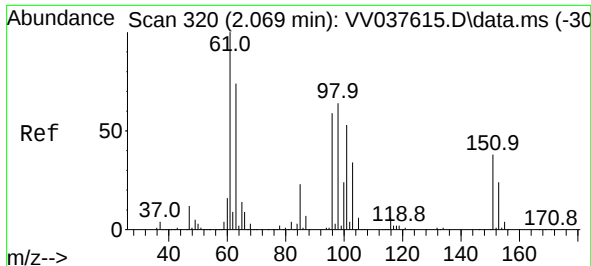
Ion Ratio Lower Upper

101 100

85 1.6 34.6 52.0#

151 0.0 57.5 86.3#





#12

1,1-Dichloroethene

Concen: 0.930 ug/L

RT: 2.066 min Scan# 319

Delta R.T. -0.003 min

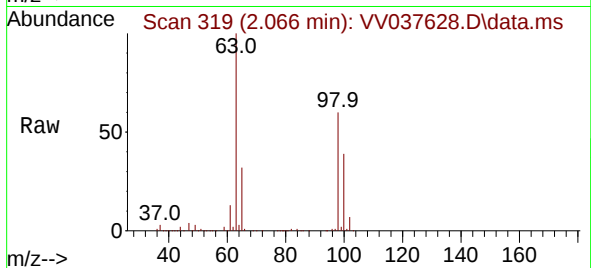
Lab File: VV037628.D

Acq: 27 Sep 2024 23:31

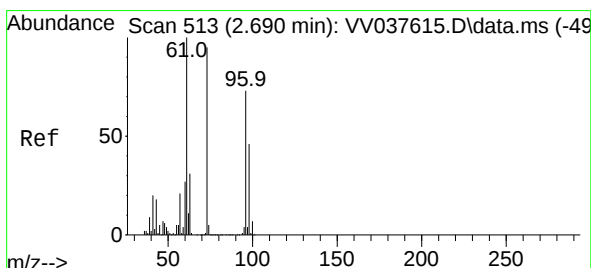
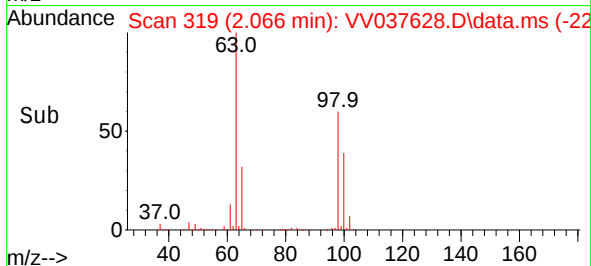
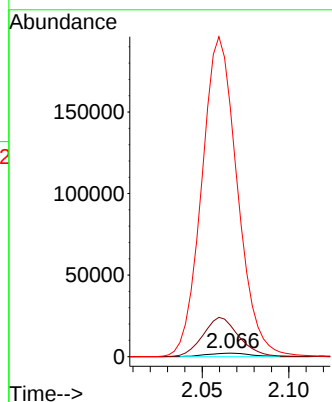
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	96	Resp:	3742
Ion	Ratio	Lower	Upper
96	100		
61	916.5	122.6	227.6#
63	7257.0	118.0	219.2#



#17

trans-1,2-Dichloroethene

Concen: 1.545 ug/L

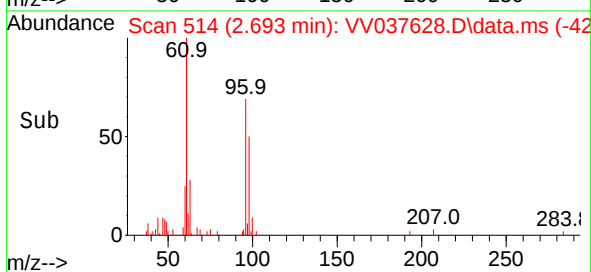
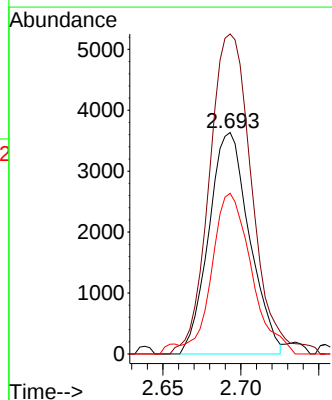
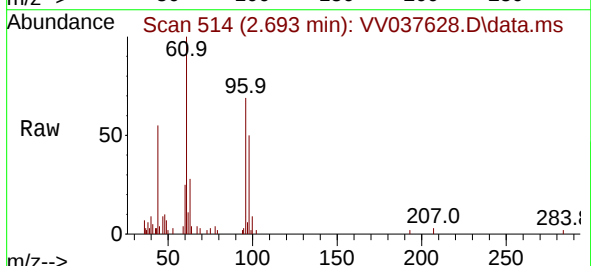
RT: 2.693 min Scan# 514

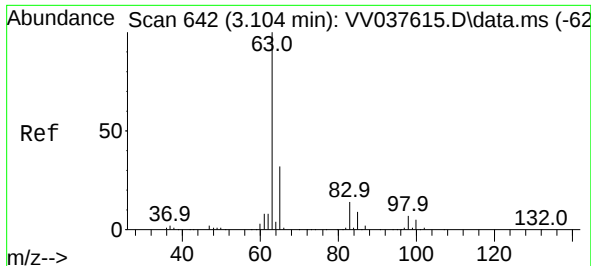
Delta R.T. 0.003 min

Lab File: VV037628.D

Acq: 27 Sep 2024 23:31

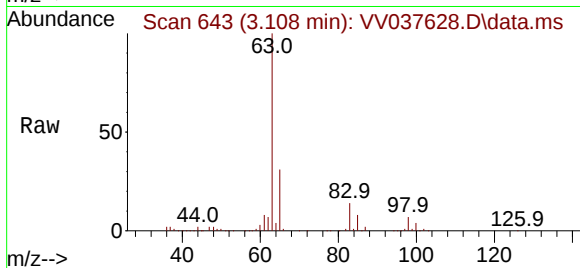
Tgt Ion:	96	Resp:	6575
Ion	Ratio	Lower	Upper
96	100		
61	144.6	97.3	180.7
98	72.6	43.9	81.5



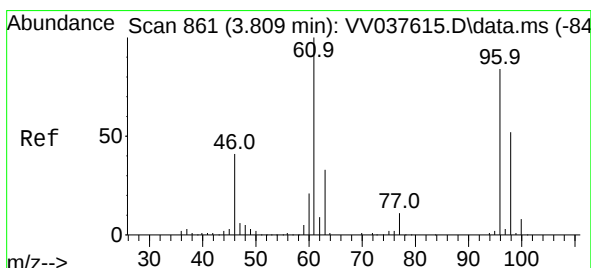
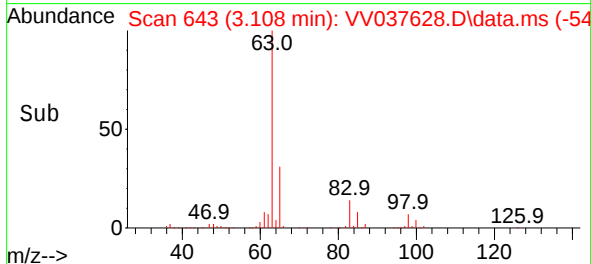
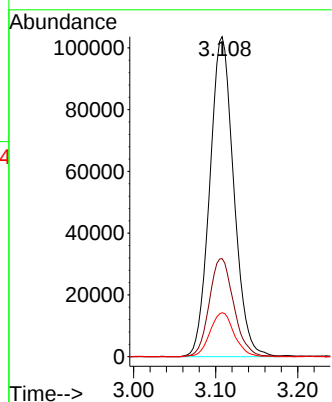


#19
1,1-Dichloroethane
Concen: 25.862 ug/L
RT: 3.108 min Scan# 642
Delta R.T. 0.003 min
Lab File: VV037628.D
Acq: 27 Sep 2024 23:31

Instrument :
MSVOA_V
ClientSampleId :

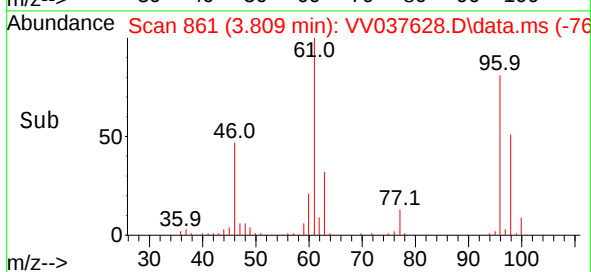
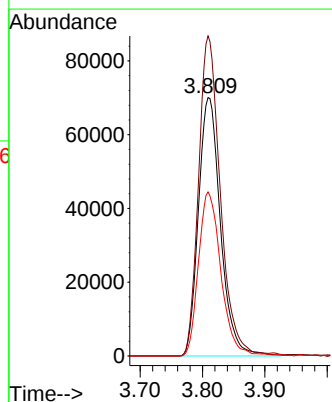
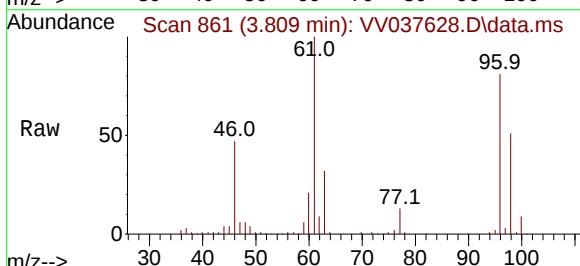


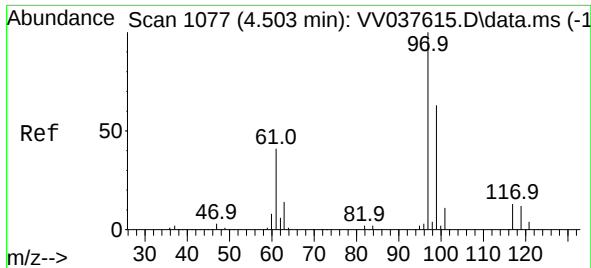
Tgt Ion: 63 Resp: 210928
Ion Ratio Lower Upper
63 100
65 30.6 22.4 41.6
83 13.7 9.5 17.7



#20
cis-1,2-Dichloroethene
Concen: 36.156 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.000 min
Lab File: VV037628.D
Acq: 27 Sep 2024 23:31

Tgt Ion: 96 Resp: 172231
Ion Ratio Lower Upper
96 100
61 123.8 85.0 157.8
98 63.5 44.2 82.0

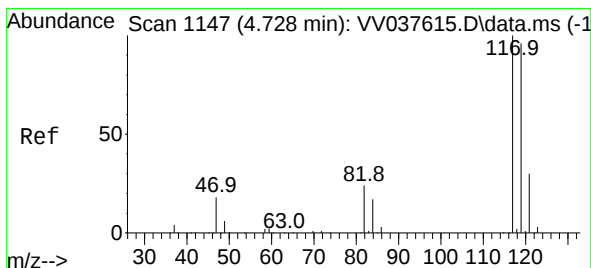
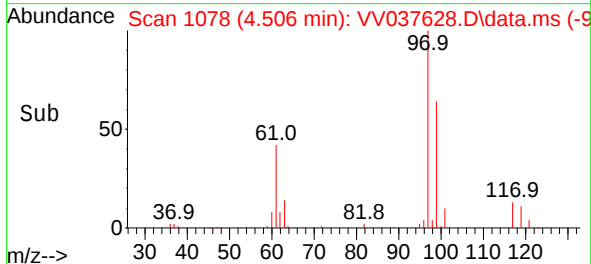
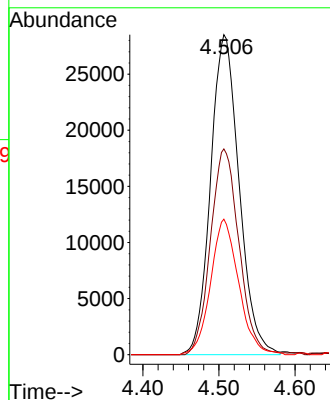
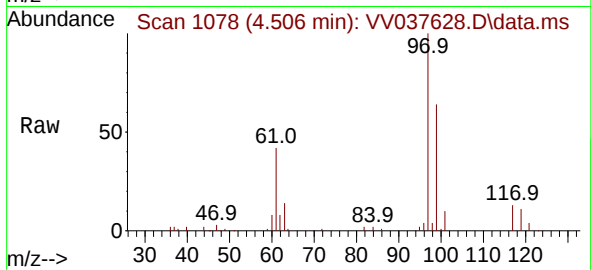




#30
1,1,1-Trichloroethane
Concen: 10.391 ug/L
RT: 4.506 min Scan# 1077
Delta R.T. 0.003 min
Lab File: VV037628.D
Acq: 27 Sep 2024 23:31

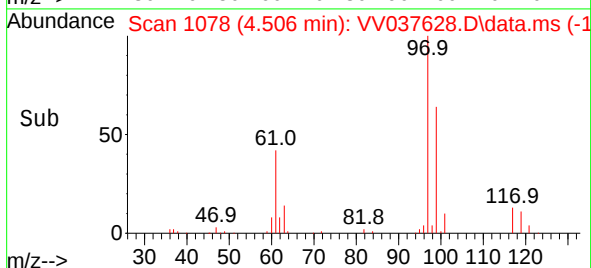
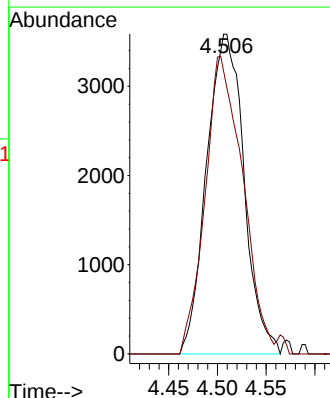
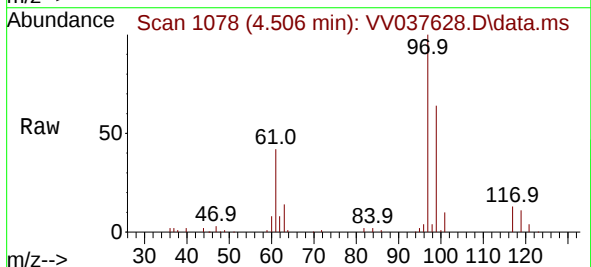
Instrument :
MSVOA_V
ClientSampleId :

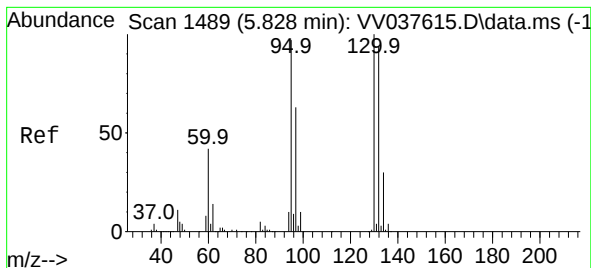
Tgt Ion: 97 Resp: 74371
Ion Ratio Lower Upper
97 100
99 64.2 51.8 77.6
61 41.7 33.6 50.4



#31
Carbon tetrachloride
Concen: 1.535 ug/L
RT: 4.506 min Scan# 1078
Delta R.T. -0.222 min
Lab File: VV037628.D
Acq: 27 Sep 2024 23:31

Tgt Ion: 117 Resp: 9553
Ion Ratio Lower Upper
117 100
119 93.6 76.9 115.3





#34

Trichloroethene

Concen: 5.315 ug/L

RT: 5.838 min Scan# 1489

Delta R.T. 0.010 min

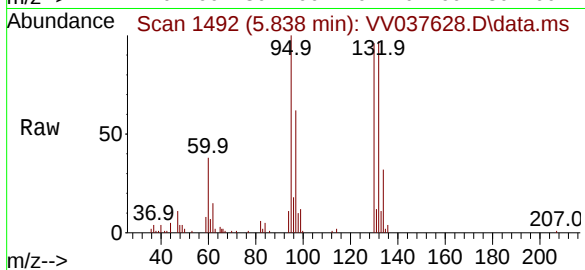
Lab File: VV037628.D

Acq: 27 Sep 2024 23:31

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 95 Resp: 24808

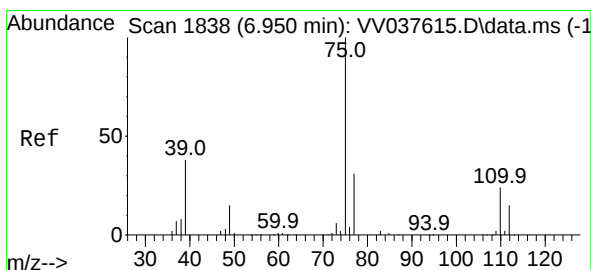
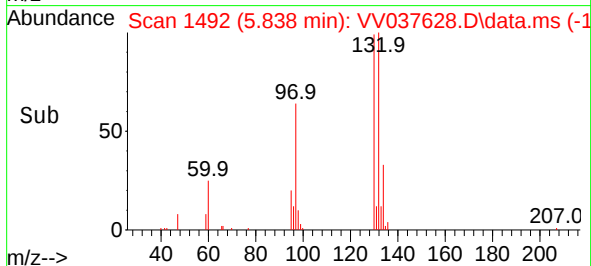
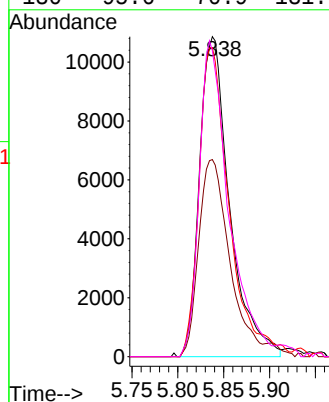
Ion Ratio Lower Upper

95 100

97 61.6 46.3 85.9

132 96.6 68.6 127.4

130 95.6 70.9 131.7



#39

cis-1,3-Dichloropropene

Concen: 0.917 ug/L

RT: 6.908 min Scan# 1825

Delta R.T. -0.042 min

Lab File: VV037628.D

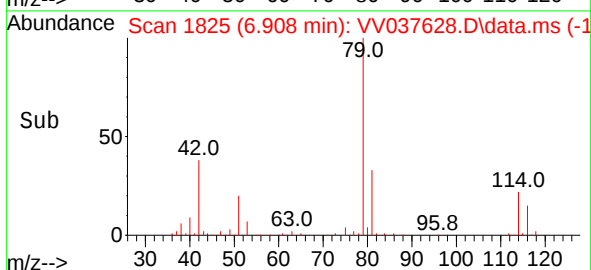
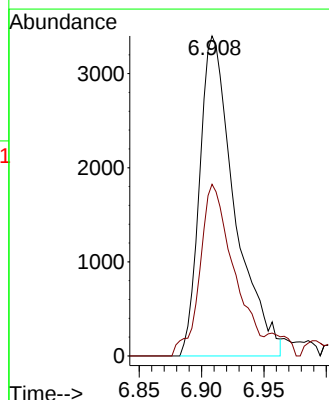
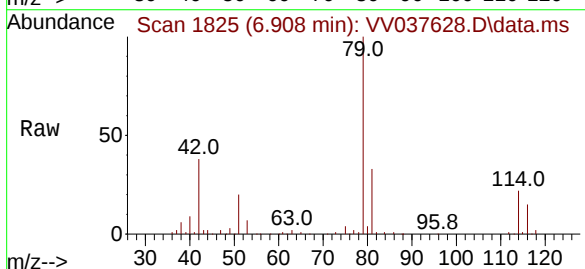
Acq: 27 Sep 2024 23:31

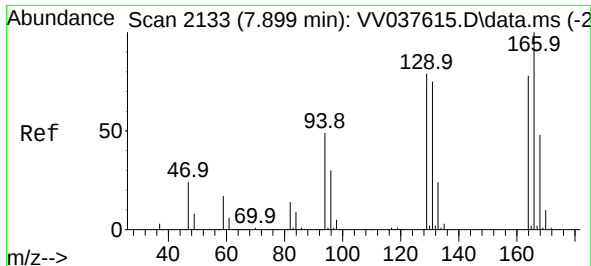
Tgt Ion: 75 Resp: 6628

Ion Ratio Lower Upper

75 100

77 53.6 21.8 40.4#





#46

Tetrachloroethene

Concen: 3.865 ug/L

RT: 7.902 min Scan# 2133

Delta R.T. 0.003 min

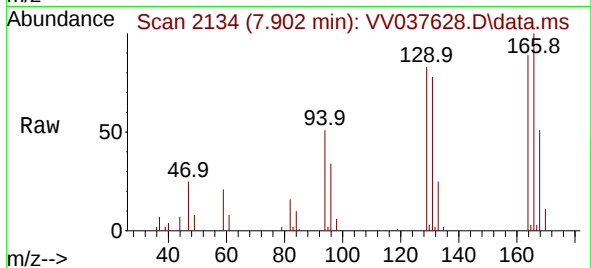
Lab File: VV037628.D

Acq: 27 Sep 2024 23:31

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 13793

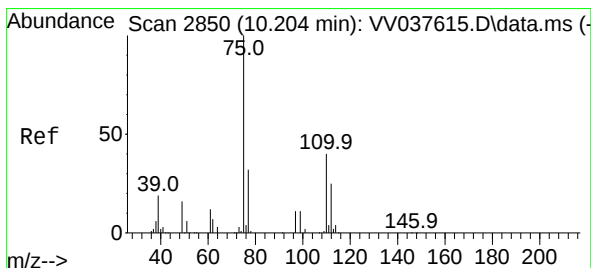
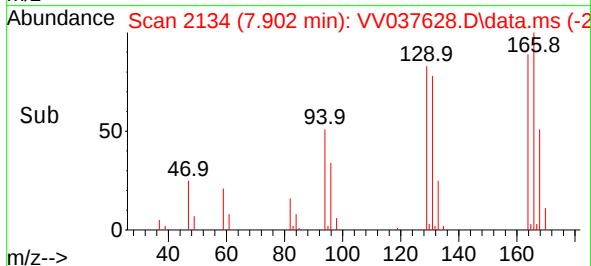
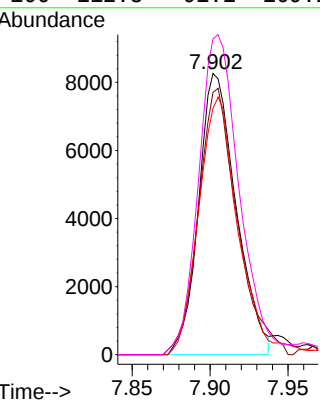
Ion Ratio Lower Upper

164 100

129 93.3 68.2 126.6

131 87.7 66.1 122.8

166 112.3 91.1 169.1



#61

1,2,3-Trichloropropane

Concen: 8.617 ug/L

RT: 11.178 min Scan# 3153

Delta R.T. 0.974 min

Lab File: VV037628.D

Acq: 27 Sep 2024 23:31

Tgt Ion: 75 Resp: 32173

Ion Ratio Lower Upper

75 100

77 30.5 25.4 38.0

110 3.0 31.7 47.5#

