

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080624\
 Data File : VV036815.D
 Acq On : 06 Aug 2024 16:04
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 07 05:04:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 07 04:57:18 2024
 Response via : Initial Calibration

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

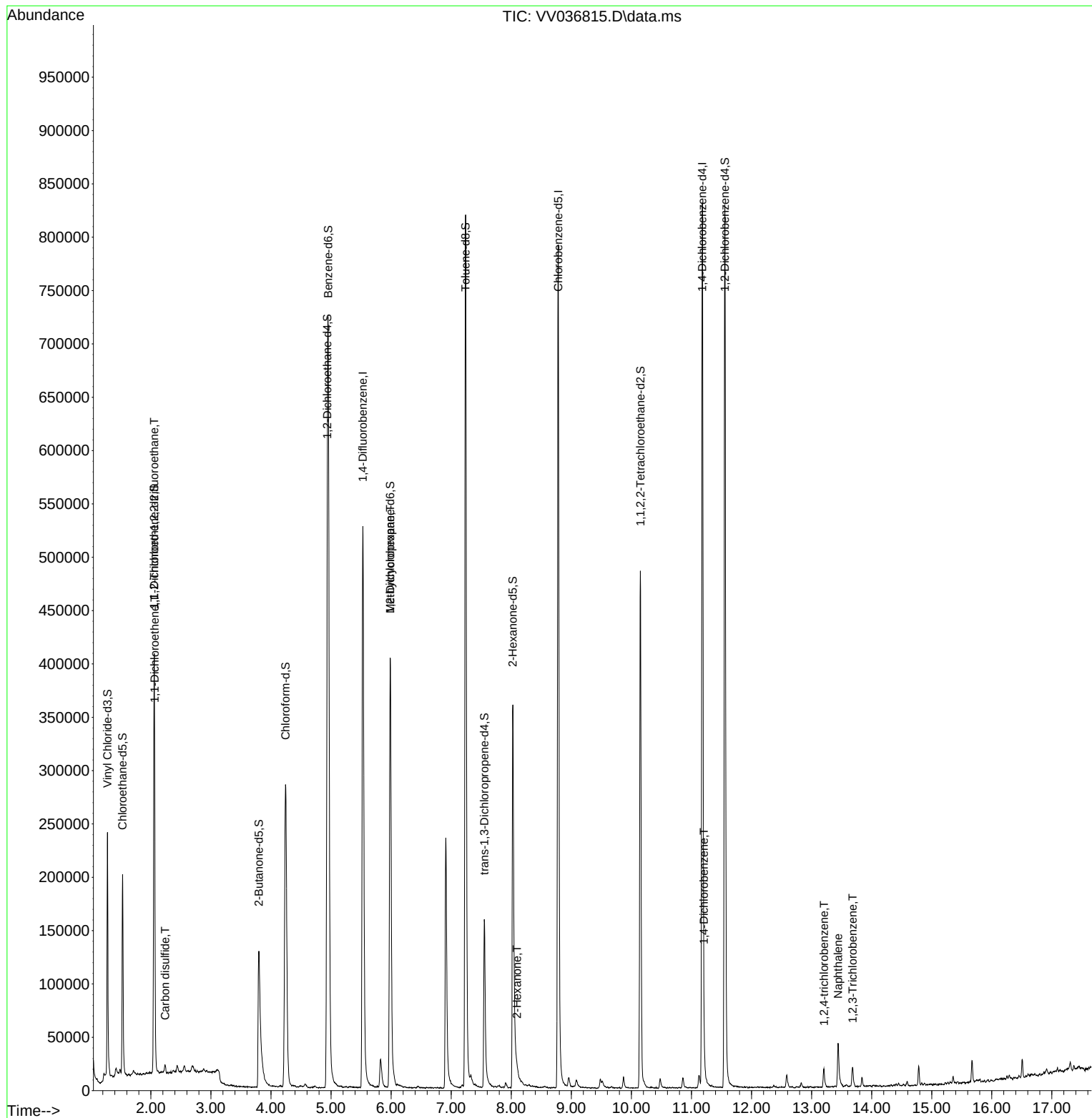
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	453429	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	425005	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	209313	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	149701	41.336	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.680%
7) Chloroethane-d5	1.529	69	125715	44.018	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.040%
11) 1,1-Dichloroethene-d2	2.056	65	65797	42.473	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.940%
21) 2-Butanone-d5	3.799	46	199241	103.834	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.830%
24) Chloroform-d	4.243	84	304286	46.820	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.640%
26) 1,2-Dichloroethane-d4	4.937	65	202384	48.433	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.860%
32) Benzene-d6	4.953	84	605172	47.144	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.280%
36) 1,2-Dichloropropane-d6	5.985	67	200295	48.365	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.720%
41) Toluene-d8	7.239	98	545218	46.302	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.600%
43) trans-1,3-Dichloroprop...	7.551	79	97333	45.161	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.320%
47) 2-Hexanone-d5	8.024	63	121986	102.445	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.450%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	240228	50.520	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.040%
66) 1,2-Dichlorobenzene-d4	11.558	152	206340	48.377	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.760%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.056	101	2833	0.945	ug/L #	52
12) 1,1-Dichloroethene	2.063	96	3033	1.059	ug/L #	1
14) Carbon disulfide	2.236	76	7997	0.889	ug/L #	87
35) Methylcyclohexane	5.985	83	47497	8.402	ug/L #	18
48) 2-Hexanone	8.095	43	12469	4.063	ug/L #	82
65) 1,4-Dichlorobenzene	11.207	146	6579	0.987	ug/L	93
70) 1,2,4-trichlorobenzene	13.207	180	5564	1.248	ug/L	92
71) Naphthalene	13.442	128	37435	2.617	ug/L	98
72) 1,2,3-Trichlorobenzene	13.683	180	5391	1.235	ug/L	100

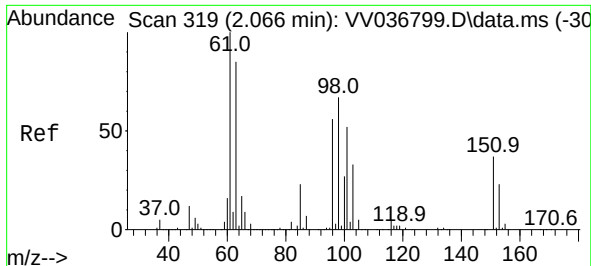
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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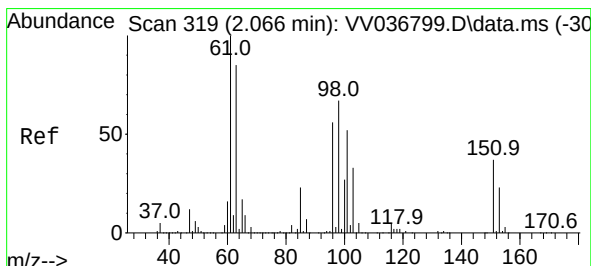
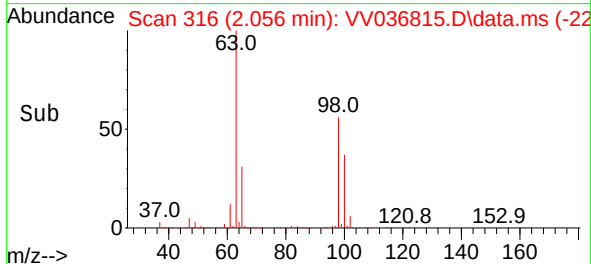
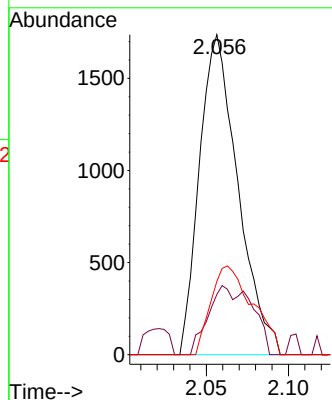
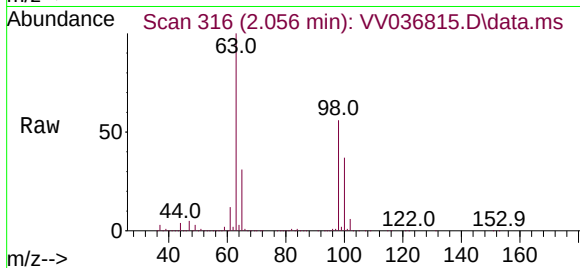




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.945 ug/L
 RT: 2.056 min Scan# 316
 Delta R.T. -0.010 min
 Lab File: VV036815.D
 Acq: 06 Aug 2024 16:04

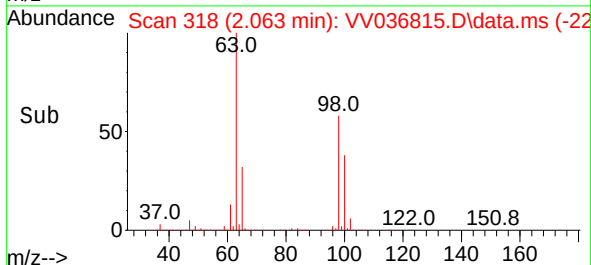
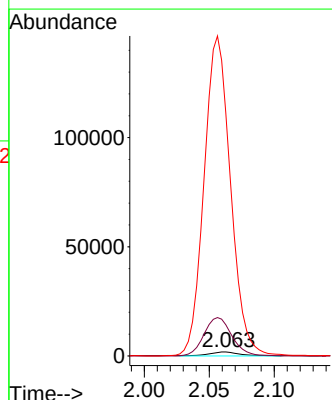
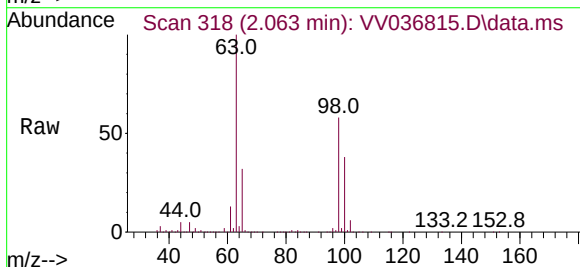
Instrument :
 MSVOA_V
 ClientSampleId :

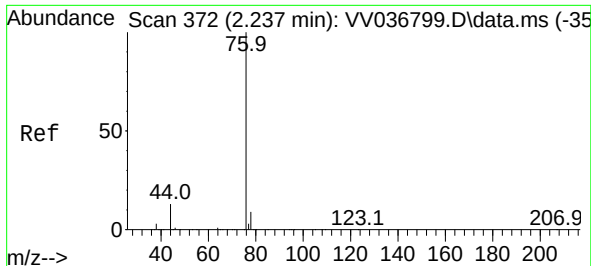
Tgt Ion:101 Resp: 2833
 Ion Ratio Lower Upper
 101 100
 85 13.8 34.6 51.8#
 151 30.1 55.9 83.9#



#12
 1,1-Dichloroethene
 Concen: 1.059 ug/L
 RT: 2.063 min Scan# 318
 Delta R.T. -0.003 min
 Lab File: VV036815.D
 Acq: 06 Aug 2024 16:04

Tgt Ion: 96 Resp: 3033
 Ion Ratio Lower Upper
 96 100
 61 779.4 125.6 233.2#
 63 6066.0 95.1 176.7#

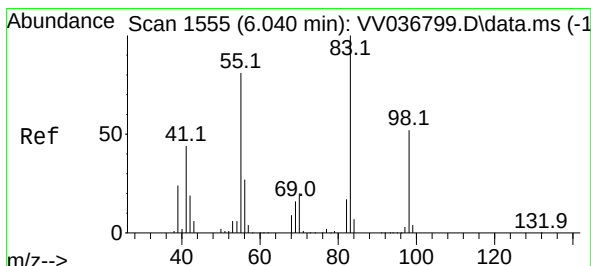
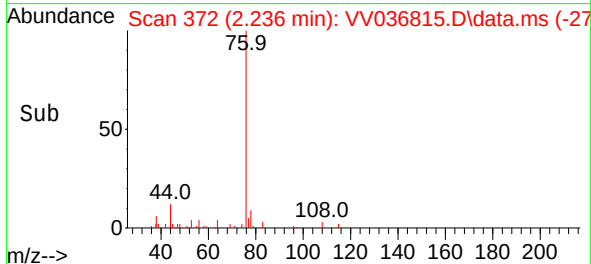
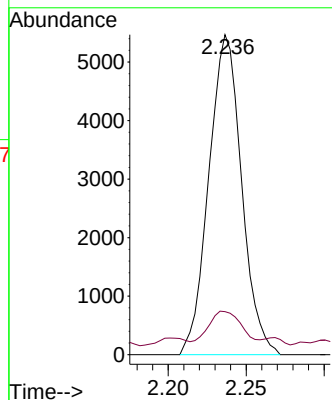
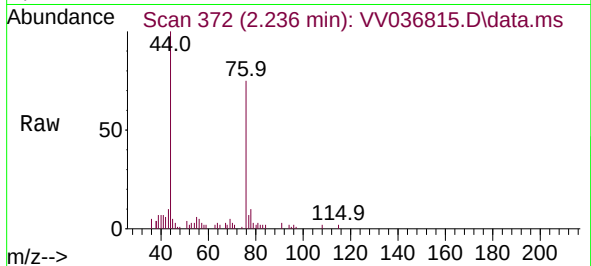




#14
Carbon disulfide
Concen: 0.889 ug/L
RT: 2.236 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV036815.D
Acq: 06 Aug 2024 16:04

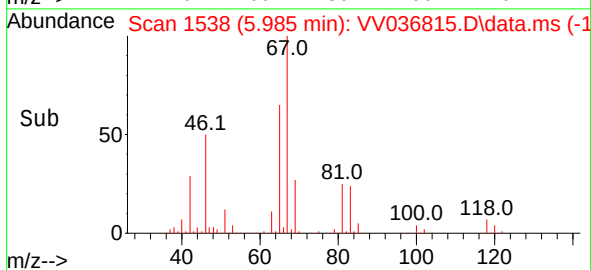
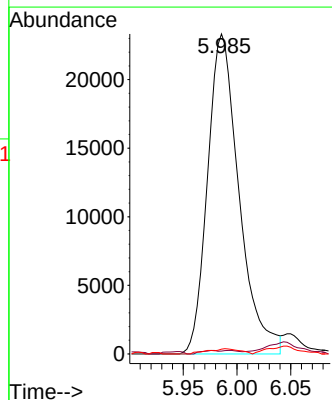
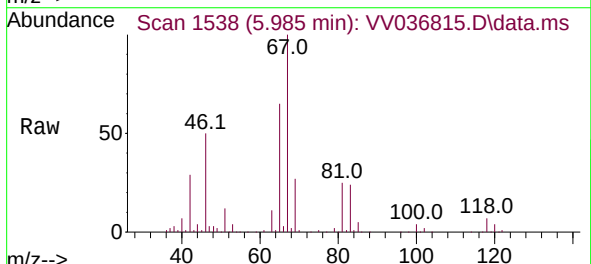
Instrument :
MSVOA_V
ClientSampleId :

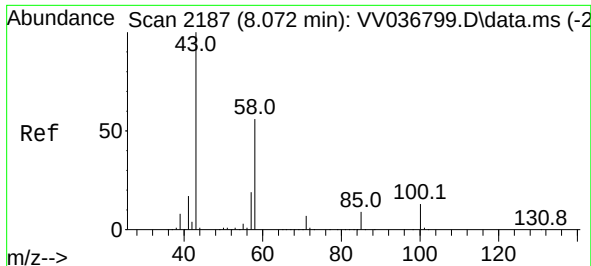
Tgt Ion: 76 Resp: 7997
Ion Ratio Lower Upper
76 100
78 13.4 7.1 10.7#



#35
Methylcyclohexane
Concen: 8.402 ug/L
RT: 5.985 min Scan# 1538
Delta R.T. -0.055 min
Lab File: VV036815.D
Acq: 06 Aug 2024 16:04

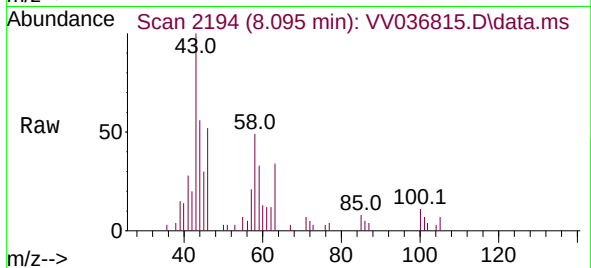
Tgt Ion: 83 Resp: 47497
Ion Ratio Lower Upper
83 100
55 0.3 62.3 93.5#
98 1.1 38.7 58.1#



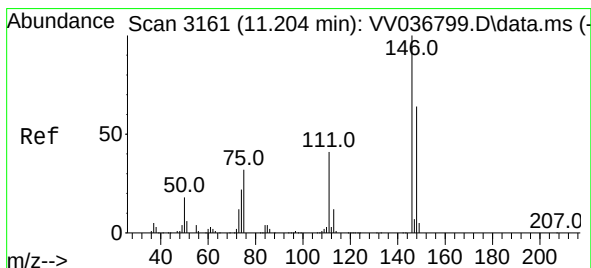
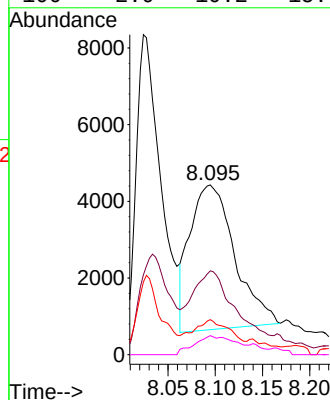
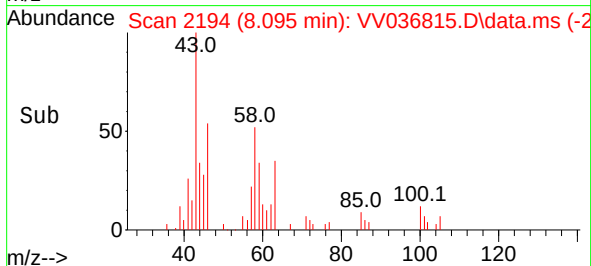


#48
2-Hexanone
Concen: 4.063 ug/L
RT: 8.095 min Scan# 2187
Delta R.T. 0.022 min
Lab File: VV036815.D
Acq: 06 Aug 2024 16:04

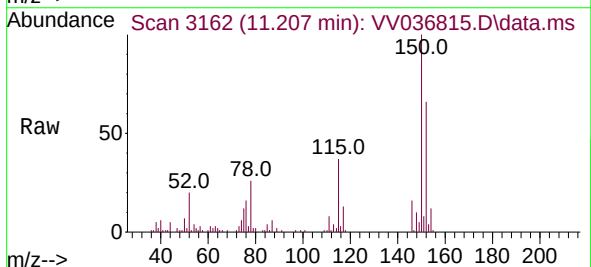
Instrument :
MSVOA_V
ClientSampleId :



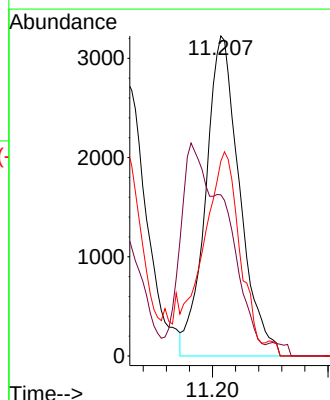
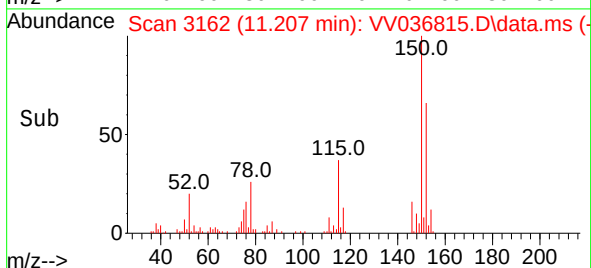
Tgt Ion: 43	Resp: 12469
Ion Ratio	Lower Upper
43	100
58	42.4 44.7 67.1#
57	12.5 15.0 22.4#
100	2.9 10.2 15.4#

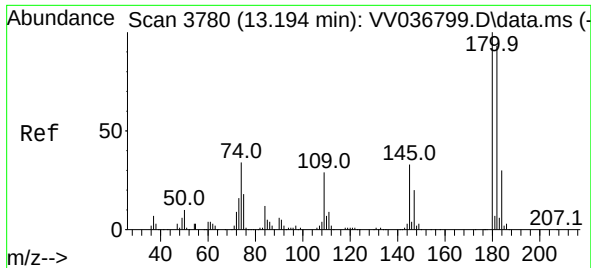


#65
1,4-Dichlorobenzene
Concen: 0.987 ug/L
RT: 11.207 min Scan# 3162
Delta R.T. 0.003 min
Lab File: VV036815.D
Acq: 06 Aug 2024 16:04



Tgt Ion: 146	Resp: 6579
Ion Ratio	Lower Upper
146	100
111	50.3 29.0 53.9
148	60.9 43.8 81.4

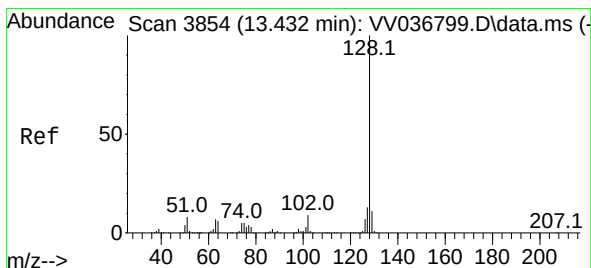
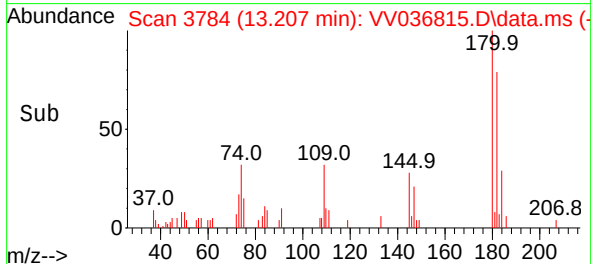
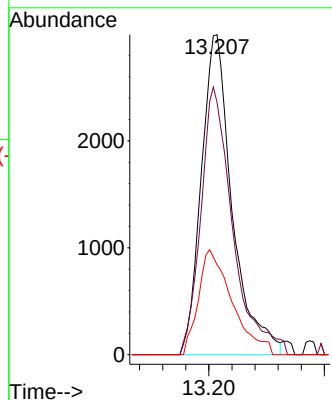
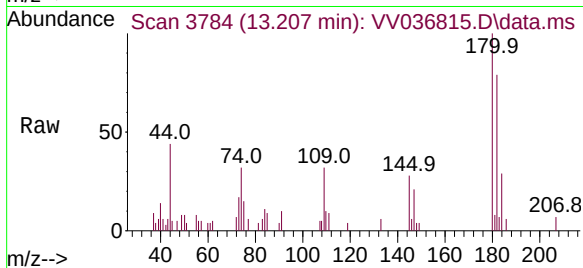




#70
1,2,4-trichlorobenzene
Concen: 1.248 ug/L
RT: 13.207 min Scan# 31
Delta R.T. 0.013 min
Lab File: VV036815.D
Acq: 06 Aug 2024 16:04

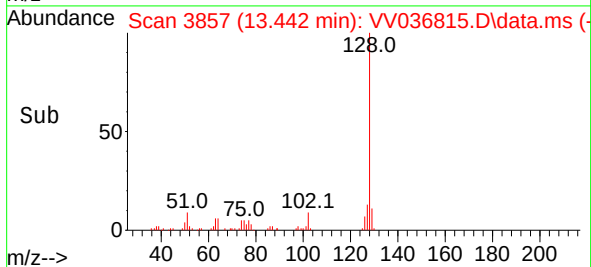
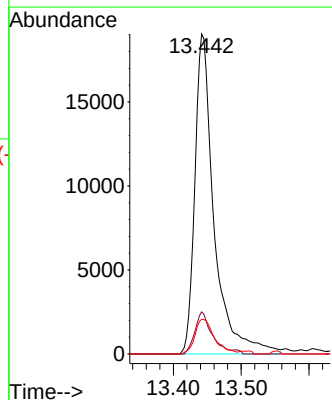
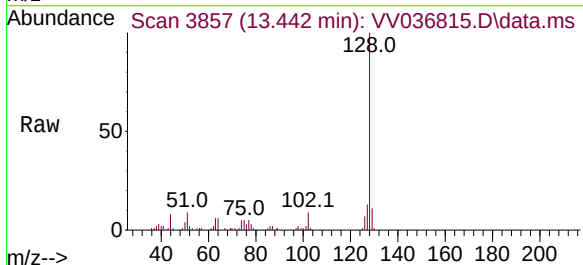
Instrument :
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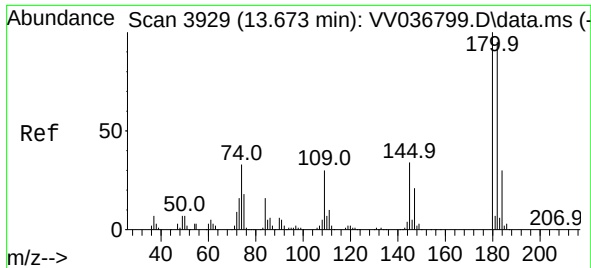
Tgt Ion:180 Resp: 5564
Ion Ratio Lower Upper
180 100
182 85.1 75.1 112.7
145 35.0 26.5 39.7



#71
Naphthalene
Concen: 2.617 ug/L
RT: 13.442 min Scan# 3857
Delta R.T. 0.010 min
Lab File: VV036815.D
Acq: 06 Aug 2024 16:04

Tgt Ion:128 Resp: 37435
Ion Ratio Lower Upper
128 100
127 11.6 10.5 15.7
129 10.9 8.7 13.1





#72

1,2,3-Trichlorobenzene

Concen: 1.235 ug/L

RT: 13.683 min Scan# 3929

Delta R.T. 0.010 min

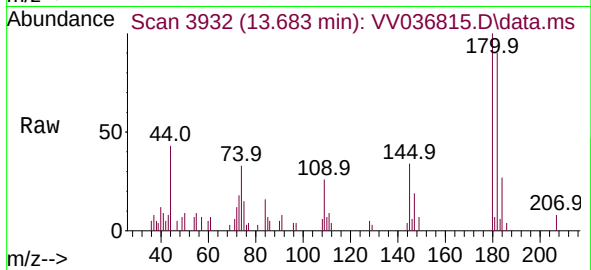
Lab File: VV036815.D

Acq: 06 Aug 2024 16:04

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 5391

Ion Ratio Lower Upper

180 100

182 95.2 76.2 114.2

145 35.2 27.8 41.6

