

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031524\
 Data File : VV034655.D
 Acq On : 15 Mar 2024 15:54
 Operator : SY/MD
 Sample : P1752-22
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 15 23:35:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 15 23:30:32 2024
 Response via : Initial Calibration

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

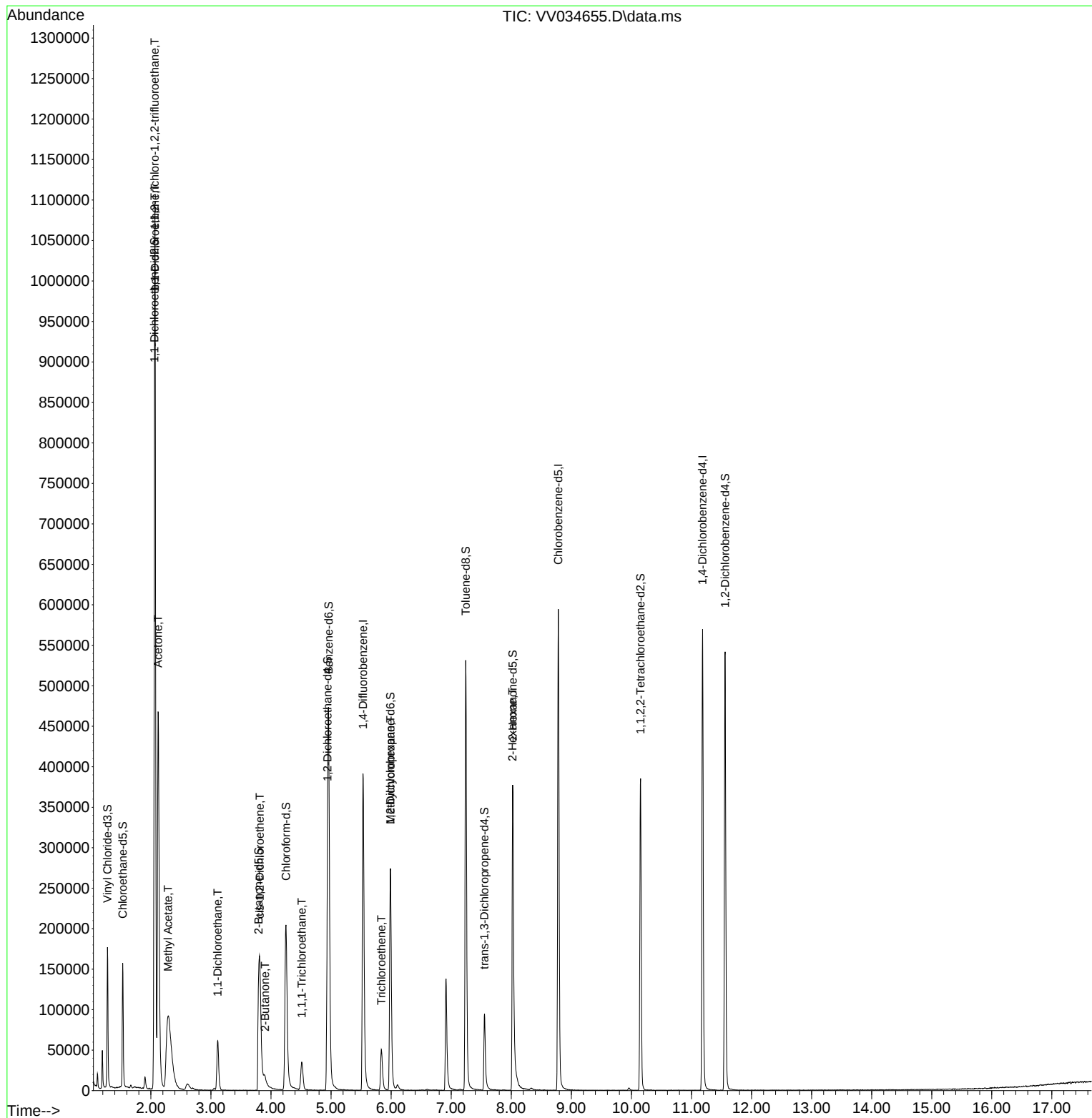
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	339721	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	314079	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	145120	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	102617	34.844	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.680%
7) Chloroethane-d5	1.532	69	91994	40.095	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.200%
11) 1,1-Dichloroethene-d2	2.059	65	49770	37.368	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.740%
21) 2-Butanone-d5	3.793	46	188883	95.906	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.910%
24) Chloroform-d	4.249	84	214930	41.276	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.560%
26) 1,2-Dichloroethane-d4	4.940	65	148184	43.549	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.100%
32) Benzene-d6	4.960	84	410620	43.319	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.640%
36) 1,2-Dichloropropane-d6	5.989	67	130045	44.955	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.900%
41) Toluene-d8	7.243	98	351130	40.934	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.860%
43) trans-1,3-Dichloroprop...	7.554	79	59015	40.625	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.260%
47) 2-Hexanone-d5	8.024	63	129395	89.575	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.580%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	182922	48.050	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.100%
66) 1,2-Dichlorobenzene-d4	11.561	152	137178	46.246	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.500%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	2567	0.936	ug/L #	43
12) 1,1-Dichloroethene	2.069	96	265396	104.330	ug/L #	81
13) Acetone	2.121	43	609984	257.638	ug/L	99
15) Methyl Acetate	2.285	43	26825	8.856	ug/L #	53
19) 1,1-Dichloroethane	3.111	63	63585	13.183	ug/L	98
20) cis-1,2-Dichloroethene	3.815	96	56837	21.276	ug/L	95
22) 2-Butanone	3.902	43	27904	11.935	ug/L	94
30) 1,1,1-Trichloroethane	4.513	97	29063	6.453	ug/L	99
34) Trichloroethene	5.837	95	17989	6.491	ug/L	99
35) Methylcyclohexane	5.989	83	32170	7.636	ug/L #	17
48) 2-Hexanone	8.021	43	22470	7.492	ug/L #	64

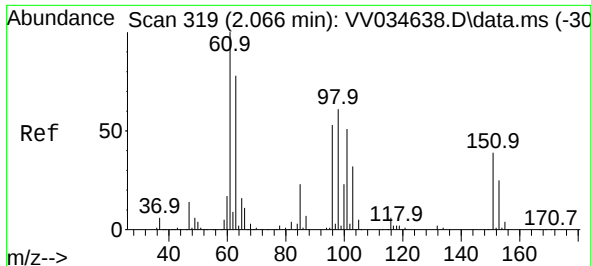
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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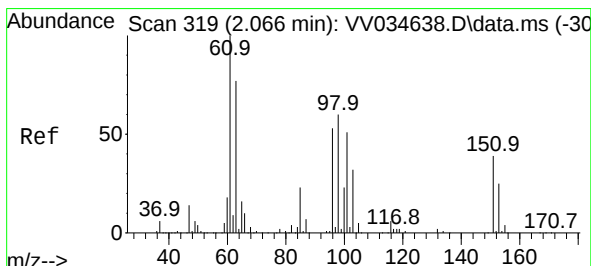
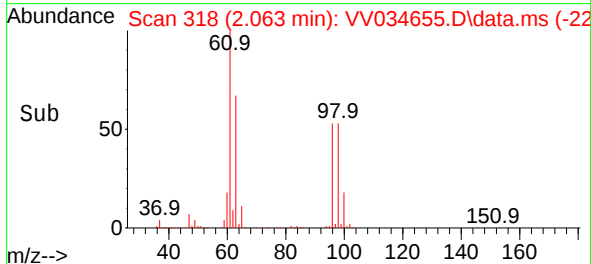
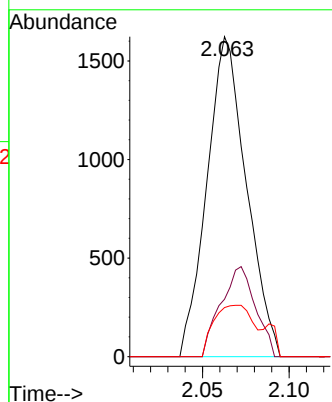
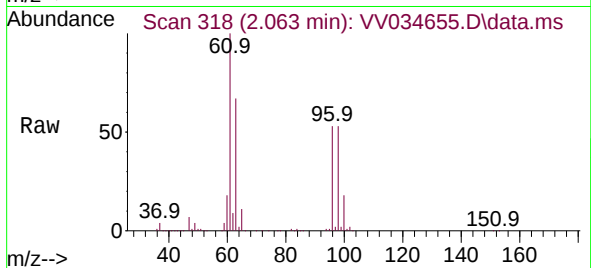




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.936 ug/L
RT: 2.063 min Scan# 319
Delta R.T. -0.003 min
Lab File: VV034655.D
Acq: 15 Mar 2024 15:54

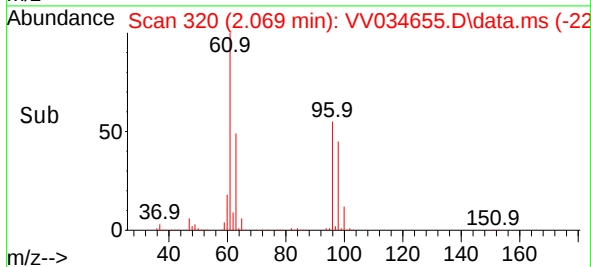
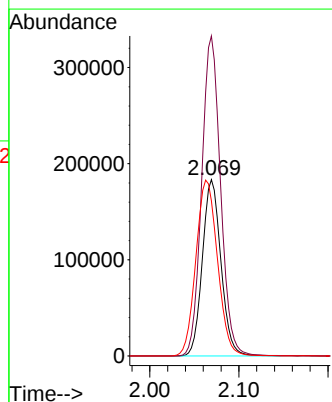
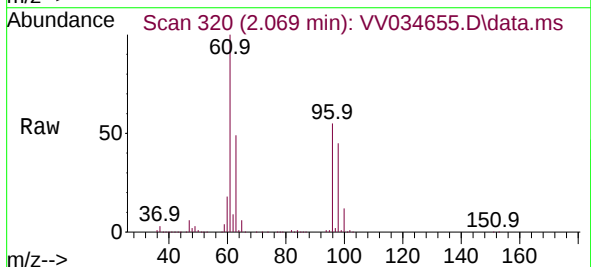
Instrument :
MSVOA_V
ClientSampleId :

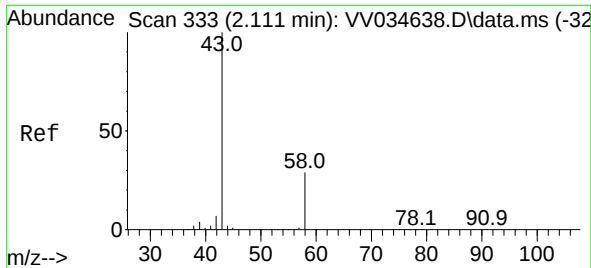
Tgt Ion:101 Resp: 2567
Ion Ratio Lower Upper
101 100
85 24.7 37.4 56.0#
151 15.7 61.4 92.2#



#12
1,1-Dichloroethene
Concen: 104.330 ug/L
RT: 2.069 min Scan# 320
Delta R.T. 0.003 min
Lab File: VV034655.D
Acq: 15 Mar 2024 15:54

Tgt Ion: 96 Resp: 265396
Ion Ratio Lower Upper
96 100
61 181.5 128.9 239.3
63 88.0 98.0 182.0#





#13

Acetone

Concen: 257.638 ug/L

RT: 2.121 min Scan# 333

Delta R.T. 0.010 min

Lab File: VV034655.D

Acq: 15 Mar 2024 15:54

Instrument :

MSVOA_V

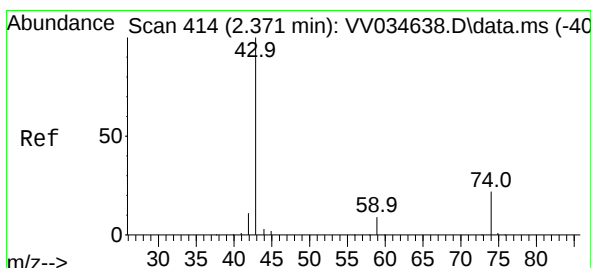
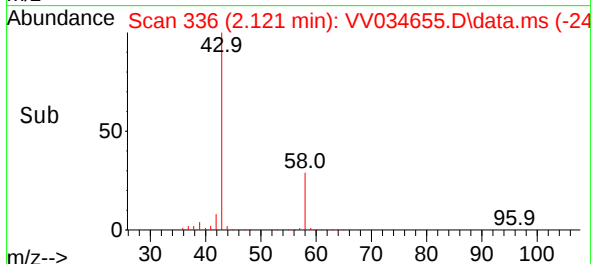
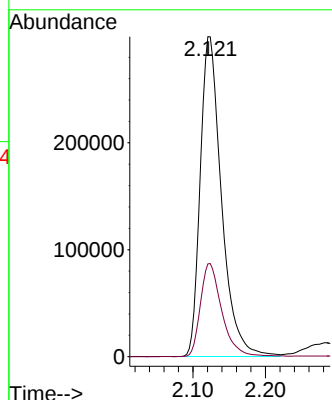
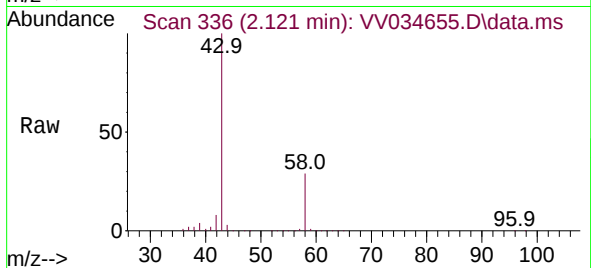
ClientSampleId :

Tgt Ion: 43 Resp: 609984

Ion Ratio Lower Upper

43 100

58 29.2 0.0 57.2



#15

Methyl Acetate

Concen: 8.856 ug/L

RT: 2.285 min Scan# 387

Delta R.T. -0.087 min

Lab File: VV034655.D

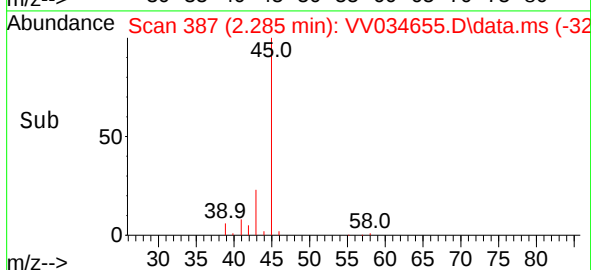
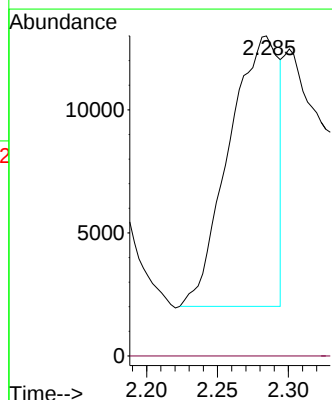
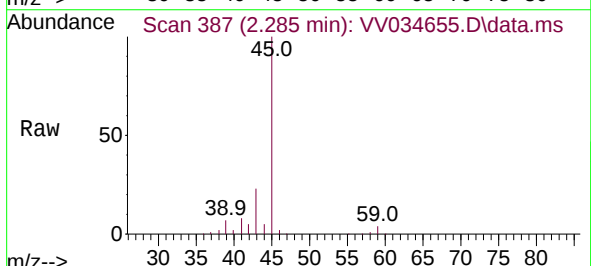
Acq: 15 Mar 2024 15:54

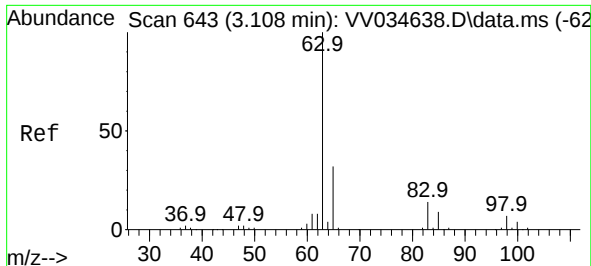
Tgt Ion: 43 Resp: 26825

Ion Ratio Lower Upper

43 100

74 0.0 17.8 26.8#





#19

1,1-Dichloroethane

Concen: 13.183 ug/L

RT: 3.111 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV034655.D

Acq: 15 Mar 2024 15:54

Instrument :

MSVOA_V

ClientSampleId :

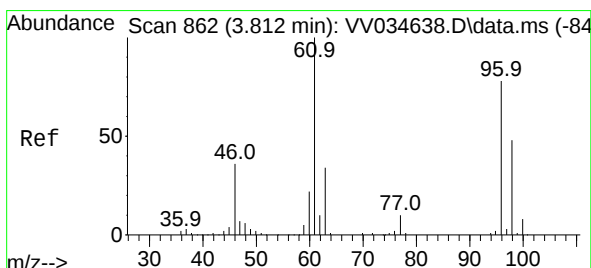
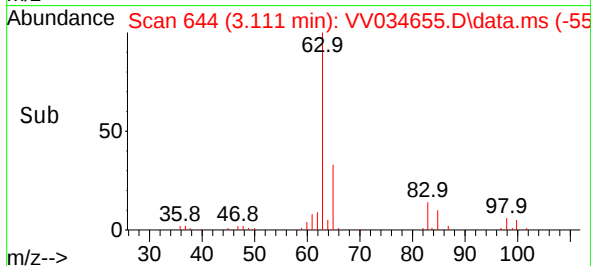
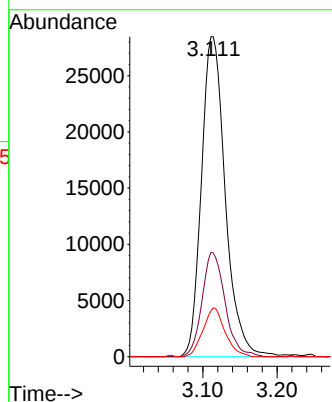
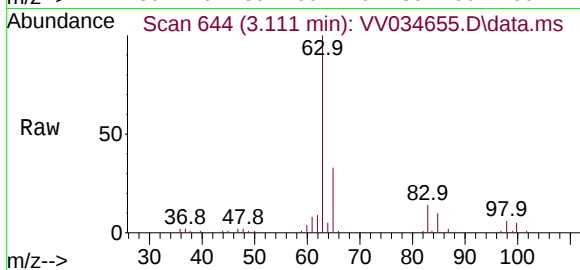
Tgt Ion: 63 Resp: 63585

Ion Ratio Lower Upper

63 100

65 32.6 22.1 41.1

83 15.4 9.9 18.3



#20

cis-1,2-Dichloroethene

Concen: 21.276 ug/L

RT: 3.815 min Scan# 863

Delta R.T. 0.003 min

Lab File: VV034655.D

Acq: 15 Mar 2024 15:54

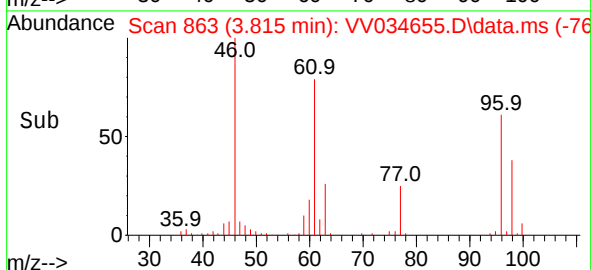
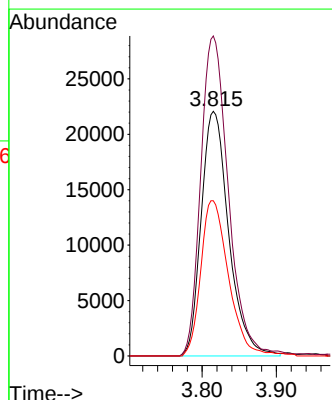
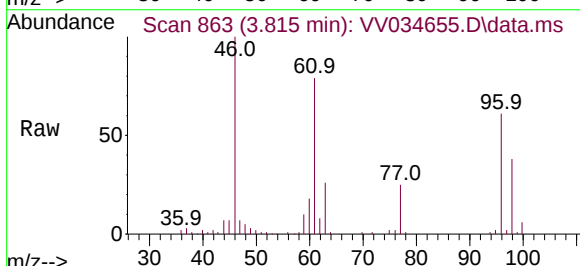
Tgt Ion: 96 Resp: 56837

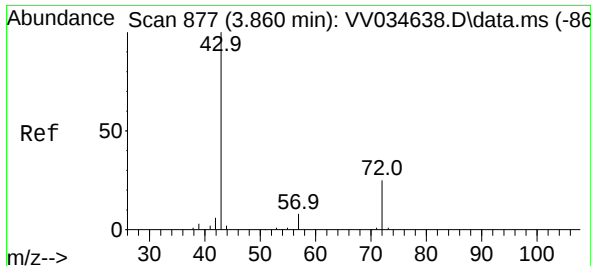
Ion Ratio Lower Upper

96 100

61 130.8 96.0 178.4

98 63.4 46.0 85.4

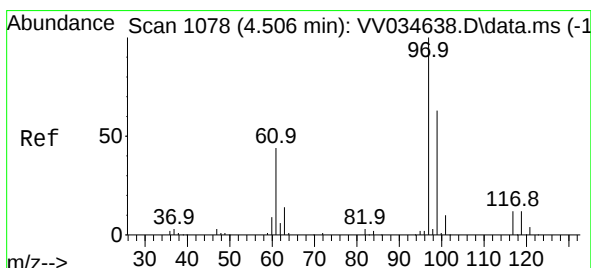
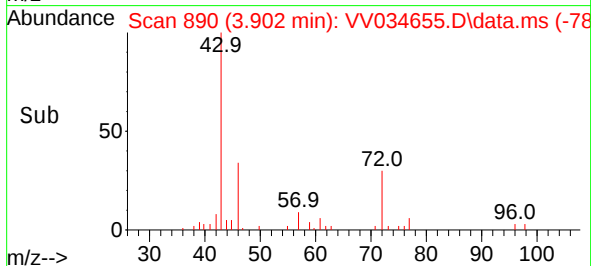
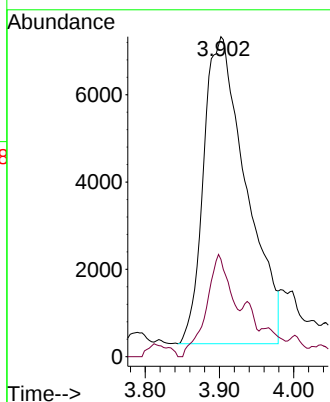
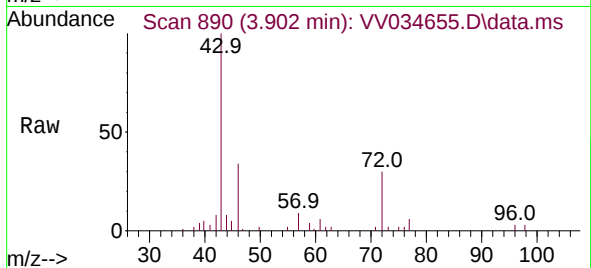




#22
2-Butanone
Concen: 11.935 ug/L
RT: 3.902 min Scan# 890
Delta R.T. 0.042 min
Lab File: VV034655.D
Acq: 15 Mar 2024 15:54

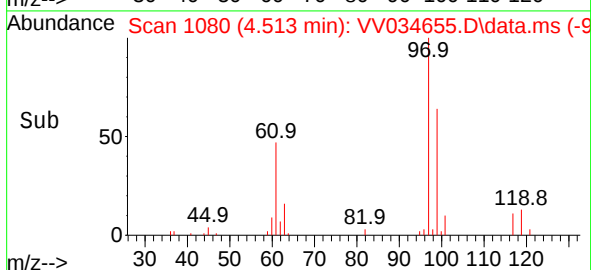
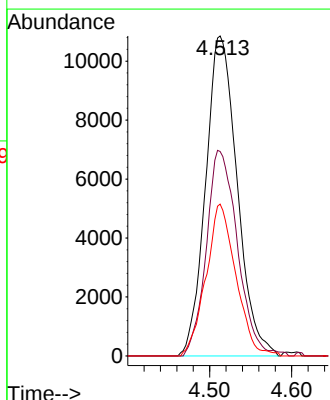
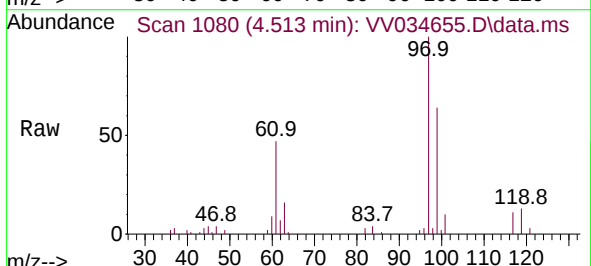
Instrument :
MSVOA_V
ClientSampleId :

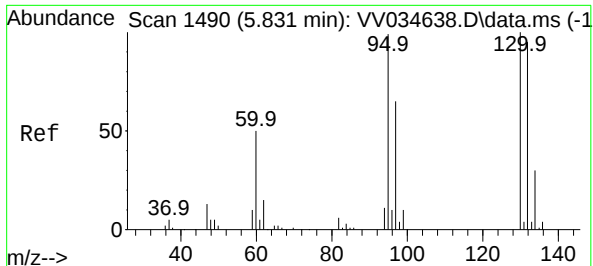
Tgt Ion: 43 Resp: 27904
Ion Ratio Lower Upper
43 100
72 19.9 11.5 34.4



#30
1,1,1-Trichloroethane
Concen: 6.453 ug/L
RT: 4.513 min Scan# 1080
Delta R.T. 0.006 min
Lab File: VV034655.D
Acq: 15 Mar 2024 15:54

Tgt Ion: 97 Resp: 29063
Ion Ratio Lower Upper
97 100
99 62.9 51.3 76.9
61 45.0 36.0 54.0



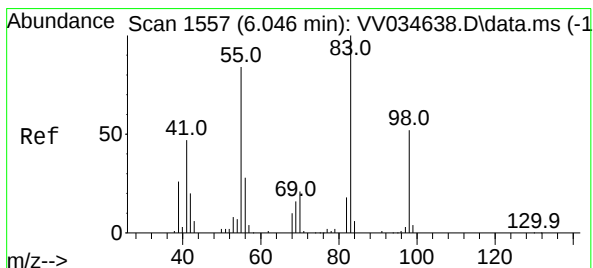
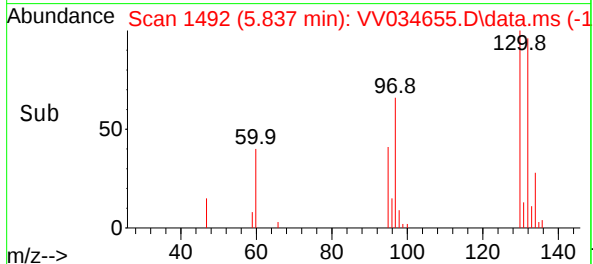
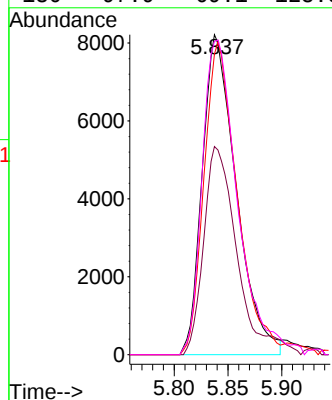
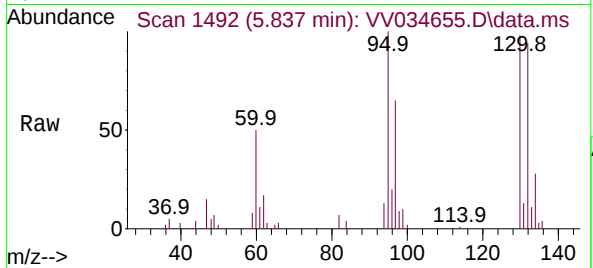


#34
Trichloroethene
Concen: 6.491 ug/L
RT: 5.837 min Scan# 1490
Delta R.T. 0.006 min
Lab File: VV034655.D
Acq: 15 Mar 2024 15:54

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 17989

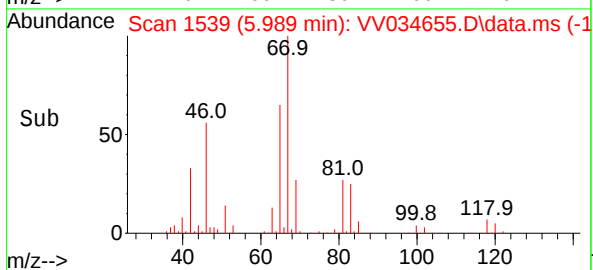
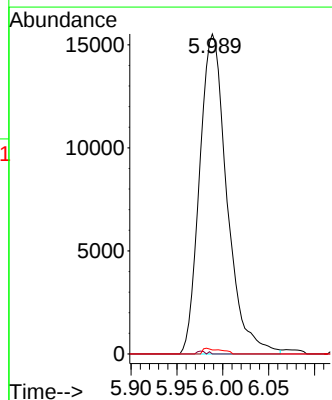
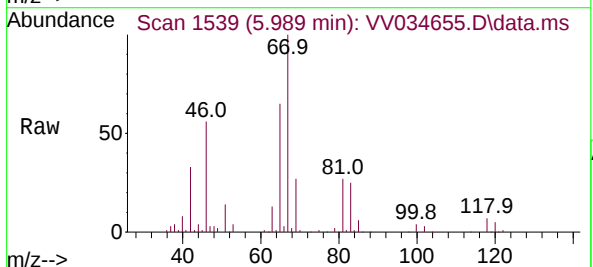
Ion	Ratio	Lower	Upper
95	100		
97	65.1	44.7	83.1
132	93.9	65.3	121.3
130	97.9	69.1	128.3

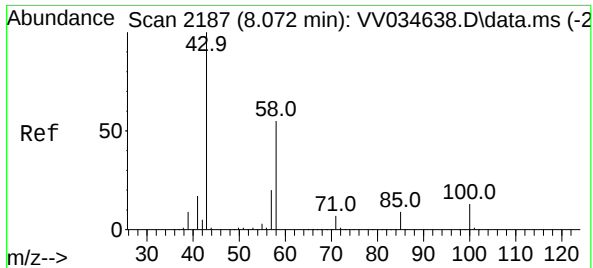


#35
Methylcyclohexane
Concen: 7.636 ug/L
RT: 5.989 min Scan# 1539
Delta R.T. -0.058 min
Lab File: VV034655.D
Acq: 15 Mar 2024 15:54

Tgt Ion: 83 Resp: 32170

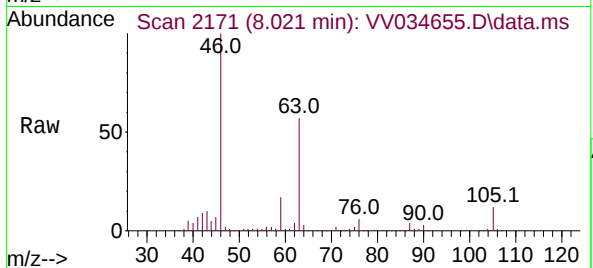
Ion	Ratio	Lower	Upper
83	100		
55	0.1	62.6	94.0#
98	0.6	39.5	59.3#





#48
 2-Hexanone
 Concen: 7.492 ug/L
 RT: 8.021 min Scan# 21
 Delta R.T. -0.051 min
 Lab File: VV034655.D
 Acq: 15 Mar 2024 15:54

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 43	Resp: 22470
Ion Ratio	Lower Upper
43	100
58	17.2 42.0 63.0#
57	19.6 15.2 22.8
100	0.8 10.0 15.0#

