

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012624\
 Data File : VW033891.D
 Acq On : 26 Jan 2024 17:08
 Operator : SY/MD
 Sample : 01252-03
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 29 02:04:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jan 29 01:58:36 2024
 Response via : Initial Calibration

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

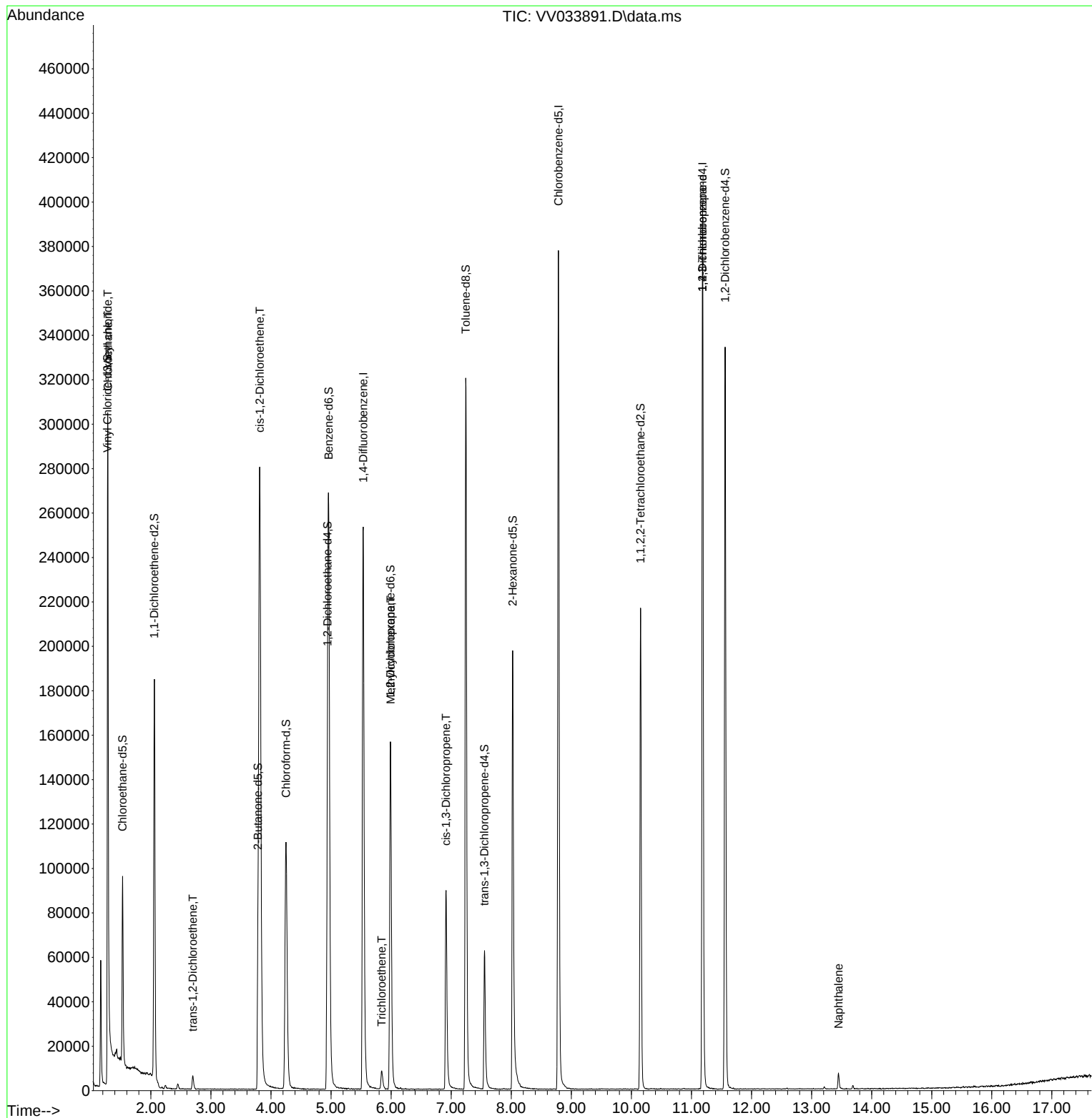
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	212741	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	200073	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	99265	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	68582	41.946	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	83.900%		
7) Chloroethane-d5	1.529	69	54879	42.384	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	84.760%		
11) 1,1-Dichloroethene-d2	2.056	65	30184	42.896	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.800%		
21) 2-Butanone-d5	3.783	46	89247	79.580	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	79.580%		
24) Chloroform-d	4.249	84	119474	40.865	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.740%		
26) 1,2-Dichloroethane-d4	4.941	65	83942	44.437	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.880%		
32) Benzene-d6	4.960	84	230993	40.611	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.220%		
36) 1,2-Dichloropropane-d6	5.989	67	73270	39.134	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	78.260%		
41) Toluene-d8	7.243	98	211517	41.273	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	82.540%		
43) trans-1,3-Dichloroprop...	7.555	79	36364	39.299	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	78.600%		
47) 2-Hexanone-d5	8.024	63	67911	87.444	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	87.440%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	98985	41.413	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	82.820%		
66) 1,2-Dichlorobenzene-d4	11.561	152	82580	43.848	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.700%		
Target Compounds						Qvalue
5) Vinyl chloride	1.282	62	119097	61.859	ug/L #	81
8) Chloroethane	1.285	64	112069	97.618	ug/L #	48
17) trans-1,2-Dichloroethene	2.700	96	2233	1.566	ug/L	91
20) cis-1,2-Dichloroethene	3.815	96	145913	91.925	ug/L	94
34) Trichloroethene	5.844	95	2948	1.870	ug/L	96
35) Methylcyclohexane	5.992	83	17787	6.593	ug/L #	16
39) cis-1,3-Dichloropropene	6.915	75	2814	1.042	ug/L	84
61) 1,2,3-Trichloropropane	11.185	75	12450	7.067	ug/L #	66
71) Naphthalene	13.448	128	6069	1.141	ug/L	97

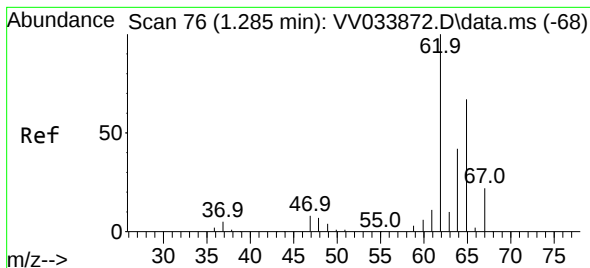
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jan 29 01:58:36 2024
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 61.859 ug/L

RT: 1.282 min Scan# 76

Delta R.T. -0.003 min

Lab File: VV033891.D

Acq: 26 Jan 2024 17:08

Instrument :

MSVOA_V

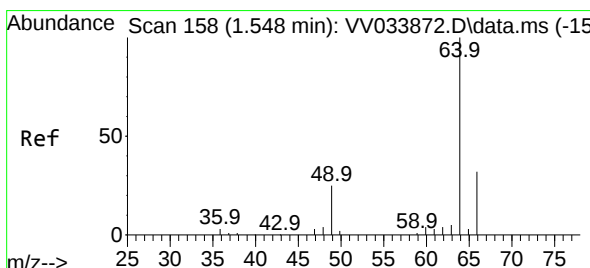
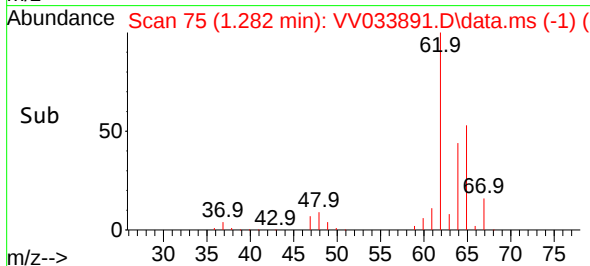
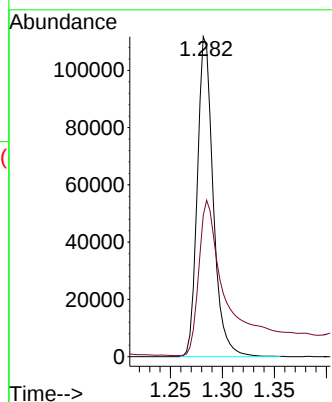
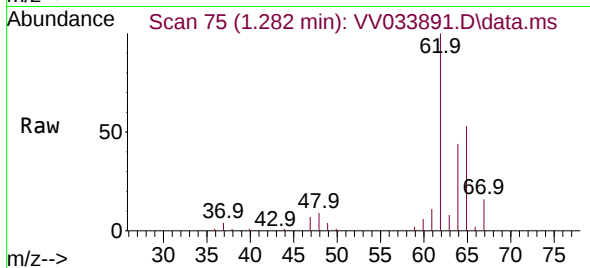
ClientSampleId :

Tgt Ion: 62 Resp: 119097

Ion Ratio Lower Upper

62 100

64 44.1 23.2 43.0#



#8

Chloroethane

Concen: 97.618 ug/L

RT: 1.285 min Scan# 76

Delta R.T. -0.264 min

Lab File: VV033891.D

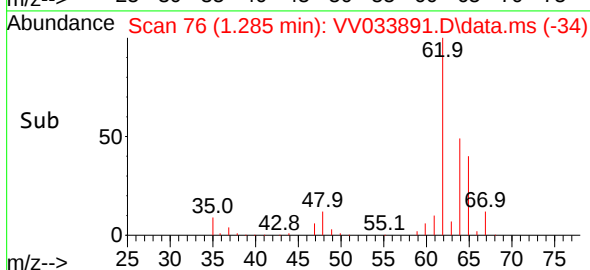
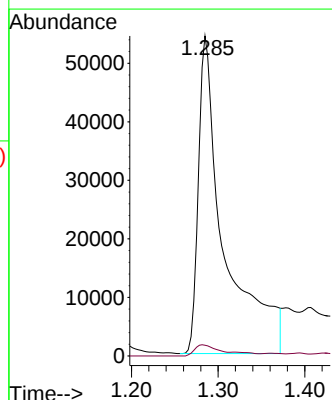
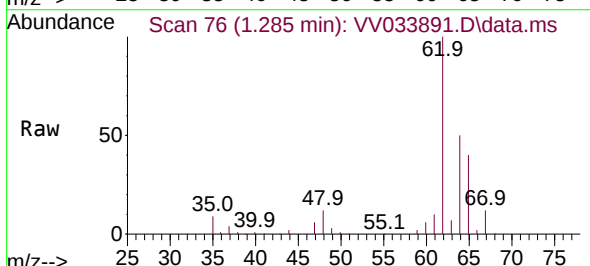
Acq: 26 Jan 2024 17:08

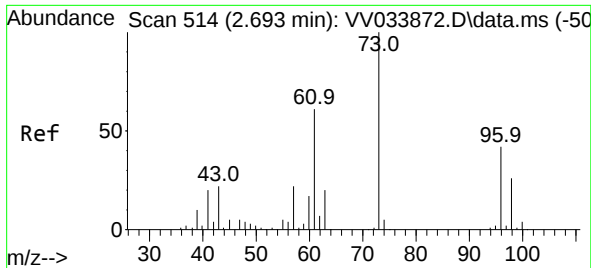
Tgt Ion: 64 Resp: 112069

Ion Ratio Lower Upper

64 100

66 3.4 22.5 41.9#





#17

trans-1,2-Dichloroethene

Concen: 1.566 ug/L

RT: 2.700 min Scan# 514

Delta R.T. 0.006 min

Lab File: VV033891.D

Acq: 26 Jan 2024 17:08

Instrument :

MSVOA_V

ClientSampleId :

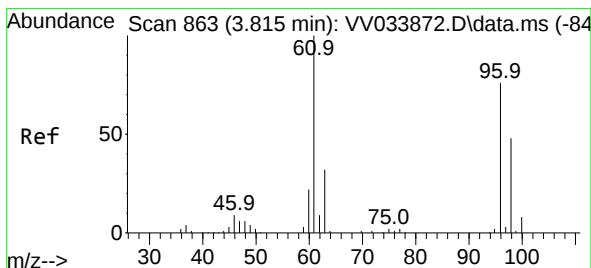
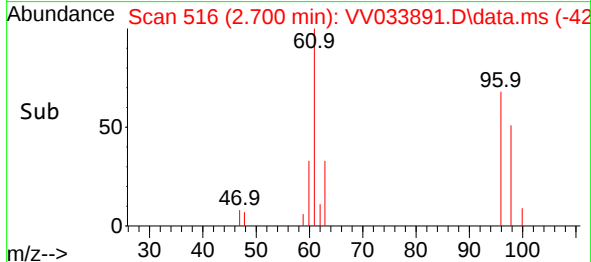
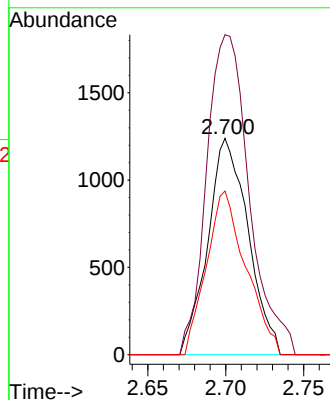
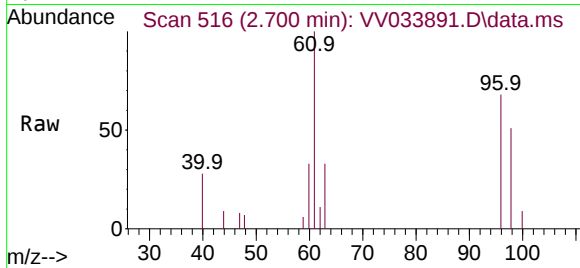
Tgt Ion: 96 Resp: 2233

Ion Ratio Lower Upper

96 100

61 147.9 108.4 201.4

98 75.7 43.8 81.4



#20

cis-1,2-Dichloroethene

Concen: 91.925 ug/L

RT: 3.815 min Scan# 863

Delta R.T. 0.000 min

Lab File: VV033891.D

Acq: 26 Jan 2024 17:08

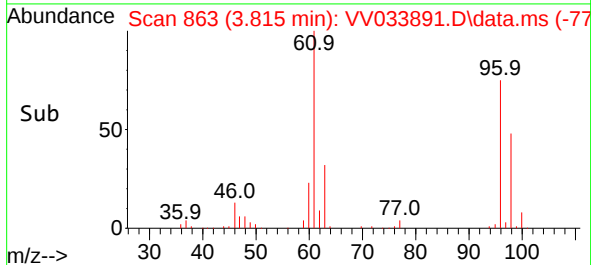
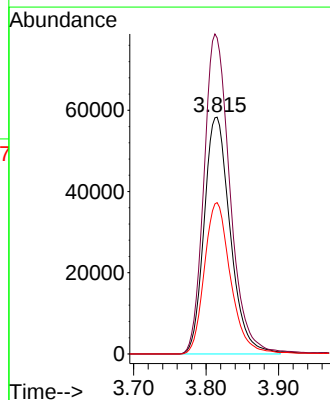
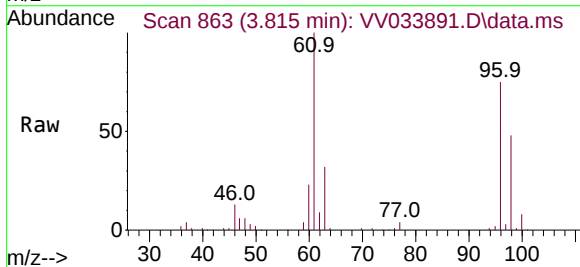
Tgt Ion: 96 Resp: 145913

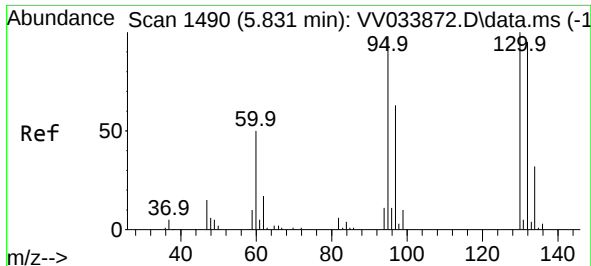
Ion Ratio Lower Upper

96 100

61 133.5 100.6 186.8

98 63.9 44.6 82.8

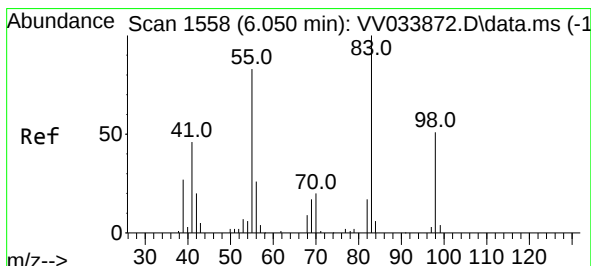
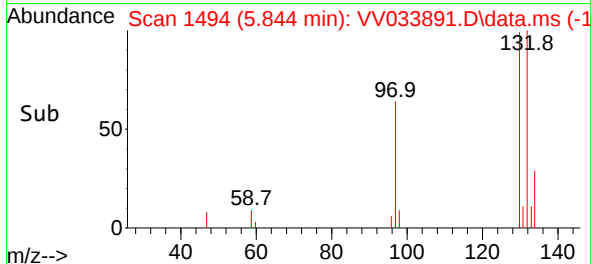
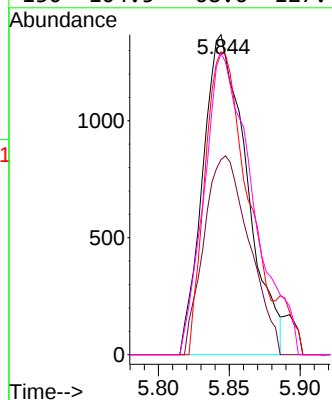
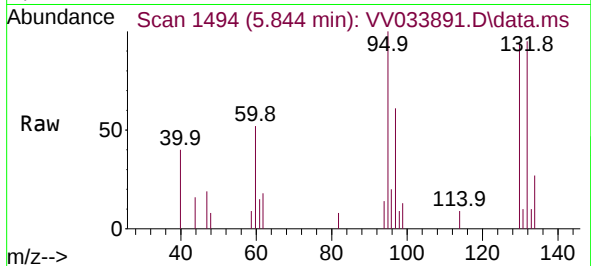




#34
Trichloroethene
Concen: 1.870 ug/L
RT: 5.844 min Scan# 1490
Delta R.T. 0.013 min
Lab File: VV033891.D
Acq: 26 Jan 2024 17:08

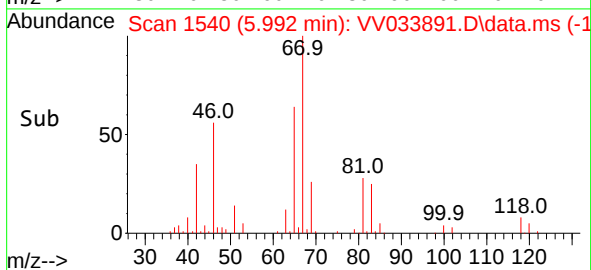
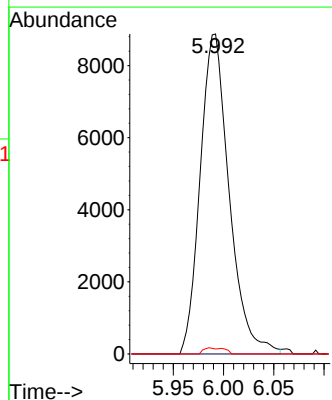
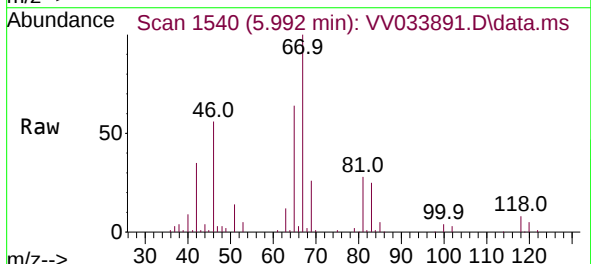
Instrument :
MSVOA_V
ClientSampleId :

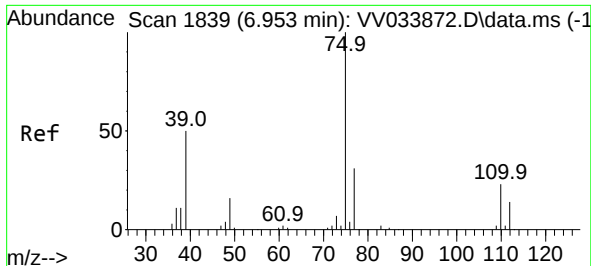
Tgt Ion: 95 Resp: 2948
Ion Ratio Lower Upper
95 100
97 61.0 44.4 82.4
132 94.7 65.5 121.7
130 104.5 68.6 127.4



#35
Methylcyclohexane
Concen: 6.593 ug/L
RT: 5.992 min Scan# 1540
Delta R.T. -0.058 min
Lab File: VV033891.D
Acq: 26 Jan 2024 17:08

Tgt Ion: 83 Resp: 17787
Ion Ratio Lower Upper
83 100
55 0.0 67.1 100.7#
98 0.8 37.7 56.5#





#39

cis-1,3-Dichloropropene

Concen: 1.042 ug/L

RT: 6.915 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV033891.D

Acq: 26 Jan 2024 17:08

Instrument :

MSVOA_V

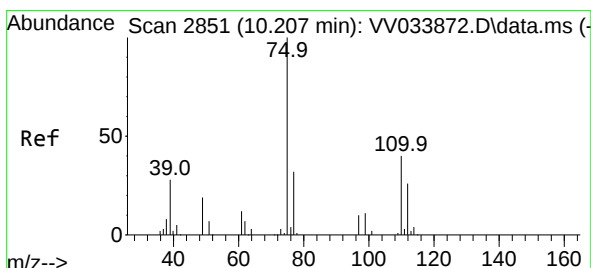
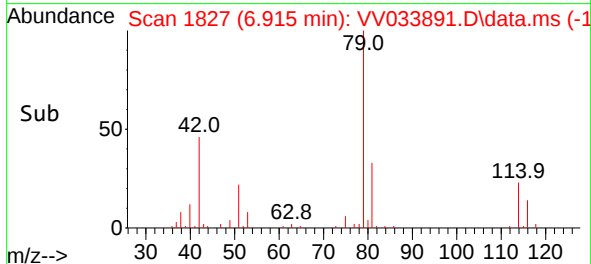
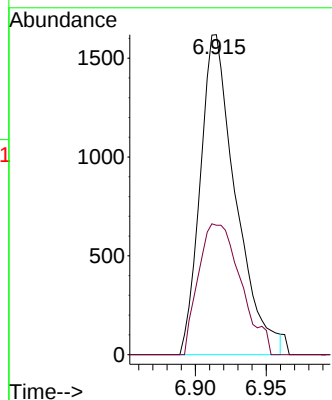
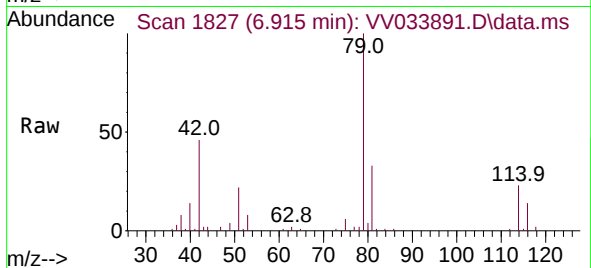
ClientSampleId :

Tgt Ion: 75 Resp: 2814

Ion Ratio Lower Upper

75 100

77 40.5 22.0 41.0



#61

1,2,3-Trichloropropane

Concen: 7.067 ug/L

RT: 11.185 min Scan# 3155

Delta R.T. 0.977 min

Lab File: VV033891.D

Acq: 26 Jan 2024 17:08

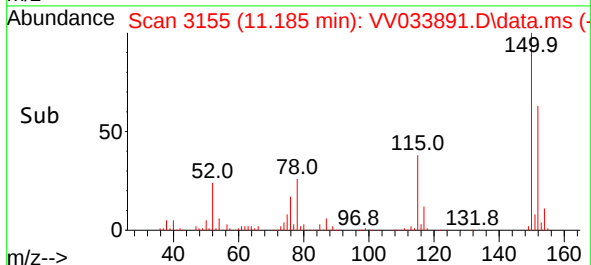
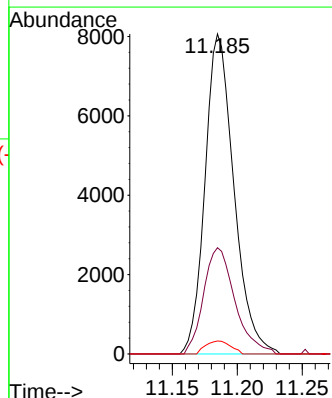
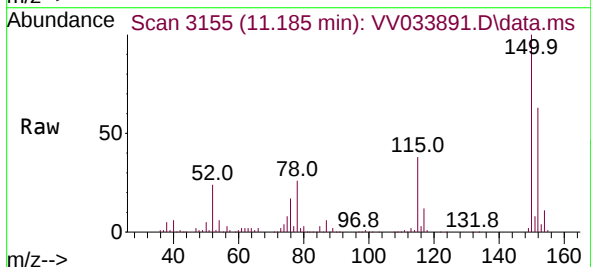
Tgt Ion: 75 Resp: 12450

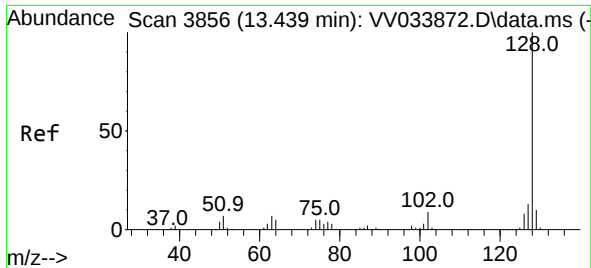
Ion Ratio Lower Upper

75 100

77 36.0 25.3 37.9

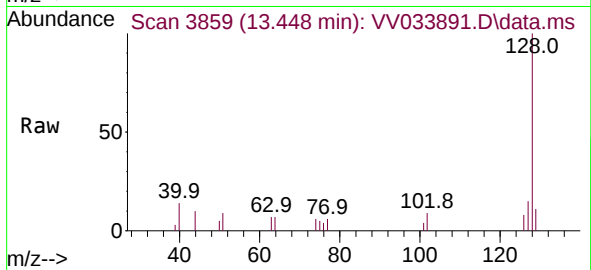
110 3.5 29.5 44.3





#71
Naphthalene
Concen: 1.141 ug/L
RT: 13.448 min Scan# 3859
Delta R.T. 0.010 min
Lab File: VV033891.D
Acq: 26 Jan 2024 17:08

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:	128	Resp:	6069
Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.3	15.5
129	8.7	8.6	13.0

