

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111723\
 Data File : VW032979.D
 Acq On : 17 Nov 2023 02:10
 Operator : SY/MD
 Sample : 05341-13
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 17 04:57:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 17 00:51:54 2023
 Response via : Initial Calibration

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

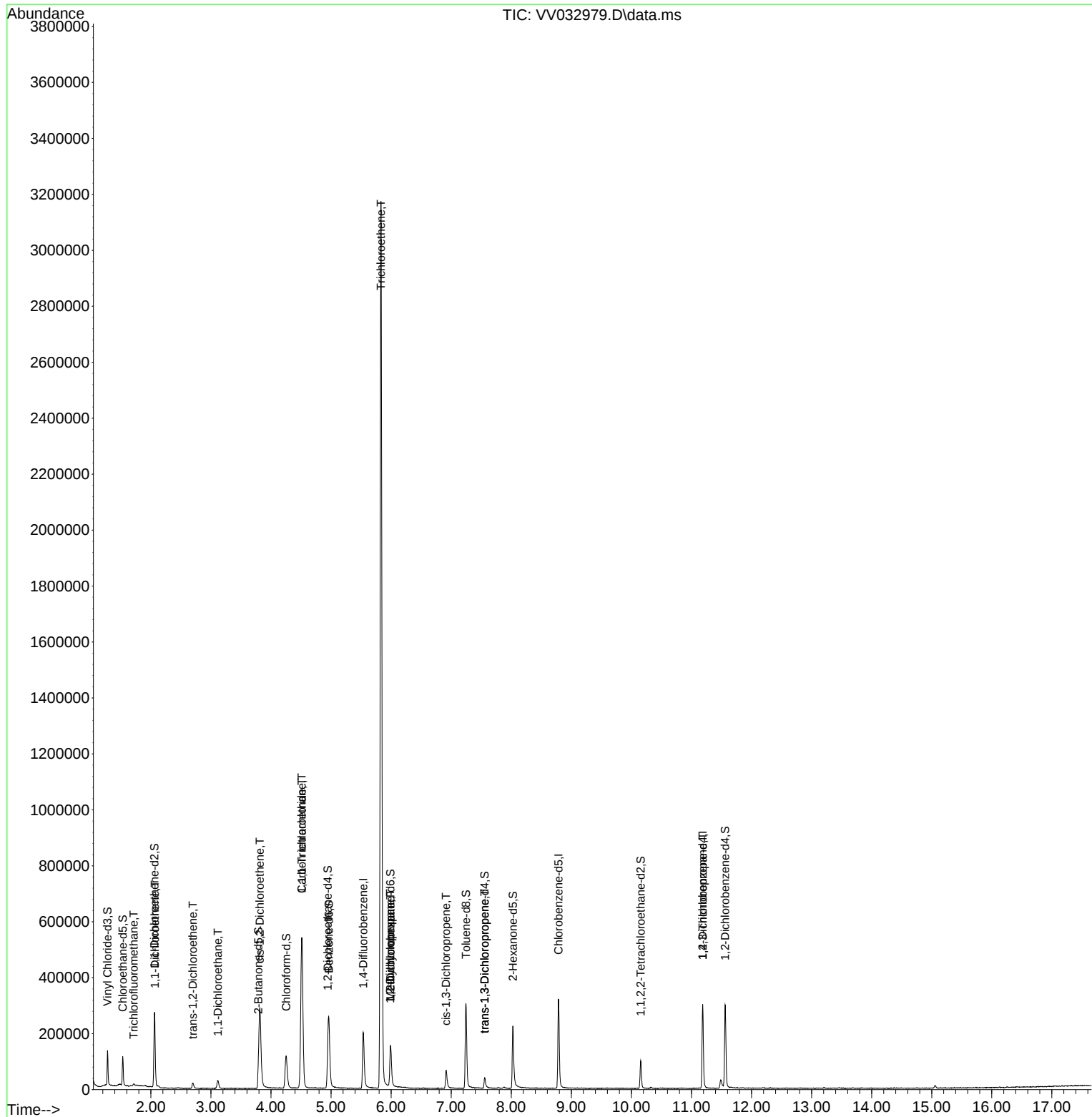
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	176880	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	178686	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	79634	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	79147	5.257	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.200%
7) Chloroethane-d5	1.532	69	67153	4.653	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.000%
11) 1,1-Dichloroethene-d2	2.060	65	42313	6.374	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	127.400%#
20) 2-Butanone-d5	3.789	46	89940	44.840	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.680%
24) Chloroform-d	4.252	84	127092	4.910	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.200%
26) 1,2-Dichloroethane-d4	4.947	65	57441	5.026	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.600%
32) Benzene-d6	4.963	84	246611	5.250	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.000%
36) 1,2-Dichloropropane-d6	5.989	67	69357	5.201	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.000%
41) Toluene-d8	7.246	98	209659	4.744	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
43) trans-1,3-Dichloroprop...	7.558	79	24004	4.618	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.400%
46) 2-Hexanone-d5	8.027	63	75643	42.560	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.120%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	44089	4.482	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.600%
66) 1,2-Dichlorobenzene-d4	11.561	152	77523	5.594	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.800%
Target Compounds						
					Qvalue	
9) Trichlorofluoromethane	1.716	101	3243	0.114	ug/L	98
12) 1,1-Dichloroethene	2.069	96	11555	0.774	ug/L #	1
18) trans-1,2-Dichloroethene	2.699	96	7347	0.518	ug/L	93
19) 1,1-Dichloroethane	3.117	63	28341	1.127	ug/L	96
22) cis-1,2-Dichloroethene	3.815	96	155034	10.678	ug/L	99
29) 1,1,1-Trichloroethane	4.513	97	455622	18.466	ug/L	99
31) Carbon tetrachloride	4.513	117	59047	2.764	ug/L	99
34) Trichloroethene	5.831	95	1068003	73.587	ug/L	98
35) Methylcyclohexane	5.989	83	18806	0.978	ug/L #	20
37) 1,2-Dichloropropane	5.985	63	8500	0.648	ug/L #	86
39) cis-1,3-Dichloropropene	6.915	75	2350	0.131	ug/L #	78
44) trans-1,3-Dichloropropene	7.558	75	1214	0.084	ug/L #	35
61) 1,2,3-Trichloropropane	11.188	75	9666	1.662	ug/L #	61

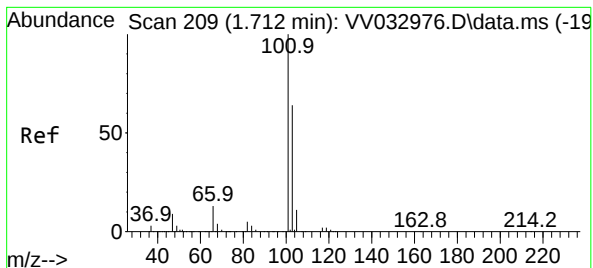
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 17 00:51:54 2023
Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 0.114 ug/L

RT: 1.716 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV032979.D

Acq: 17 Nov 2023 02:10

Instrument :

MSVOA_V

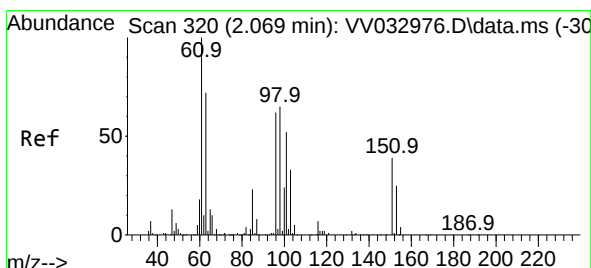
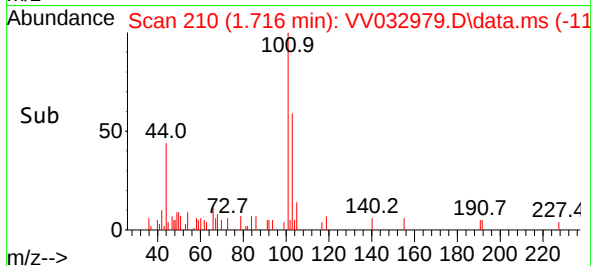
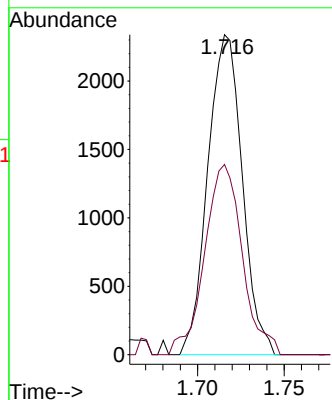
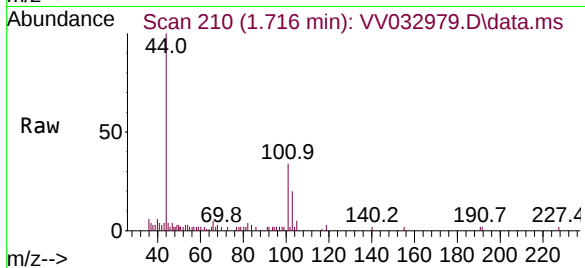
ClientSampleId :

Tgt Ion:101 Resp: 3243

Ion Ratio Lower Upper

101 100

103 65.0 53.0 79.4



#12

1,1-Dichloroethene

Concen: 0.774 ug/L

RT: 2.069 min Scan# 320

Delta R.T. 0.000 min

Lab File: VV032979.D

Acq: 17 Nov 2023 02:10

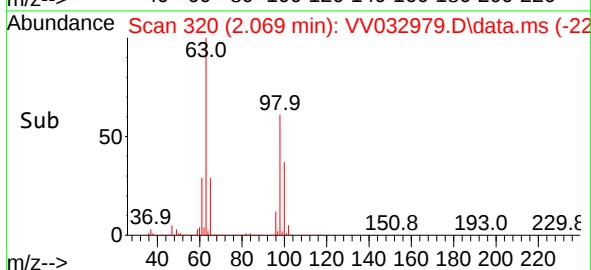
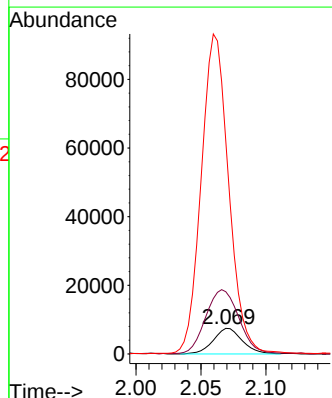
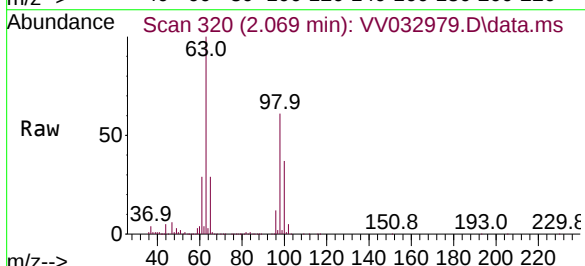
Tgt Ion: 96 Resp: 11555

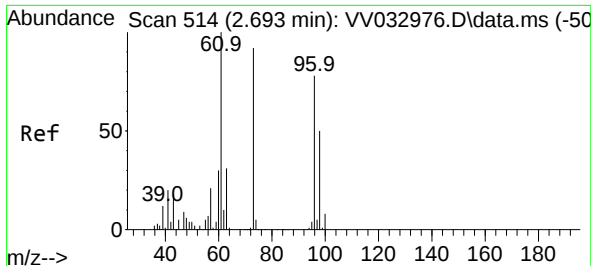
Ion Ratio Lower Upper

96 100

61 243.8 119.8 222.6#

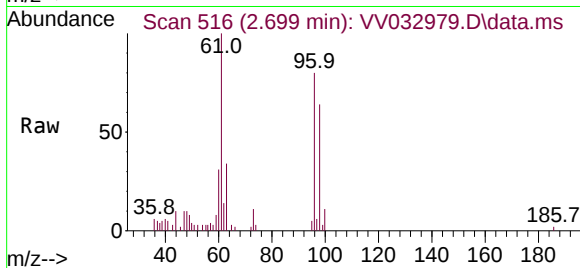
63 833.0 90.5 168.1#





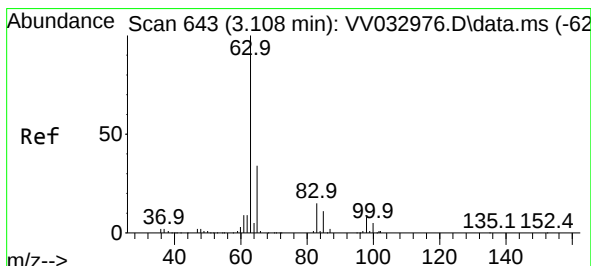
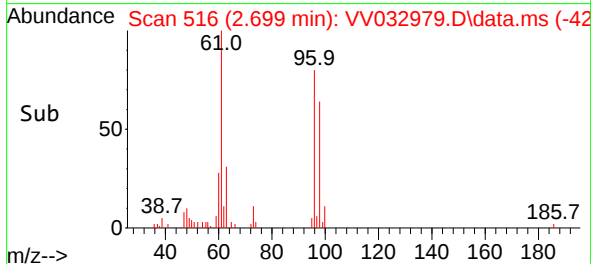
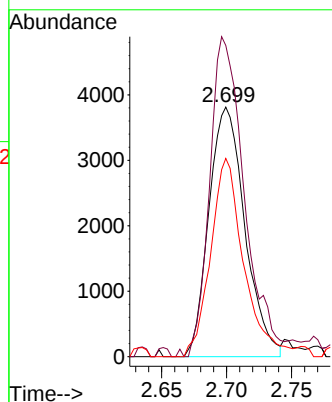
#18
trans-1,2-Dichloroethene
Concen: 0.518 ug/L
RT: 2.699 min Scan# 514
Delta R.T. 0.006 min
Lab File: VV032979.D
Acq: 17 Nov 2023 02:10

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 96 Resp: 7347

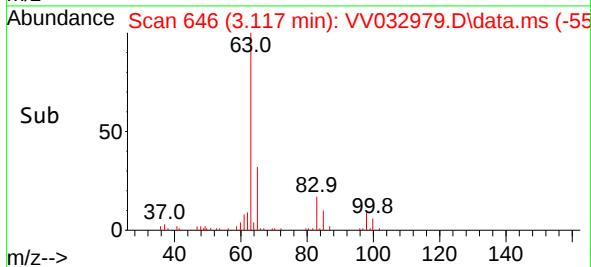
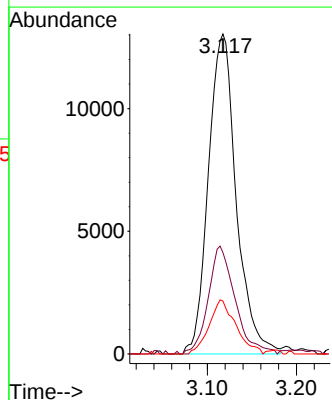
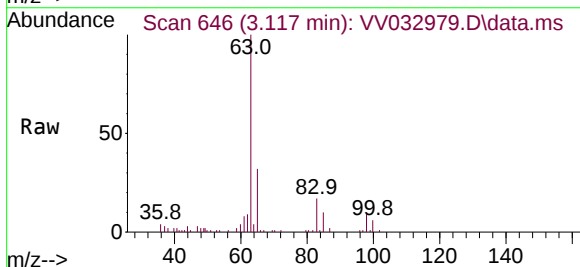
Ion	Ratio	Lower	Upper
96	100		
61	124.7	88.2	163.8
98	79.4	45.4	84.4

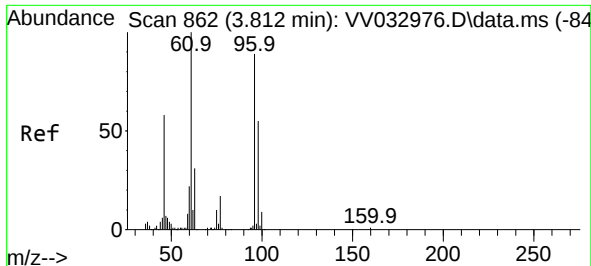


#19
1,1-Dichloroethane
Concen: 1.127 ug/L
RT: 3.117 min Scan# 646
Delta R.T. 0.010 min
Lab File: VV032979.D
Acq: 17 Nov 2023 02:10

Tgt Ion: 63 Resp: 28341

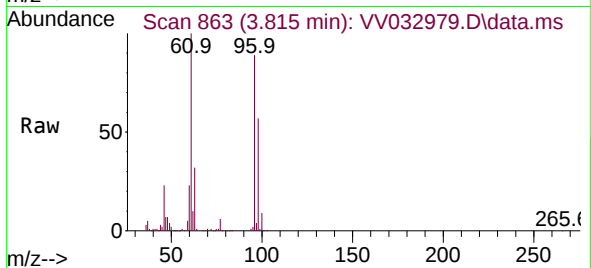
Ion	Ratio	Lower	Upper
63	100		
65	31.7	21.0	39.0
83	16.5	10.0	18.6



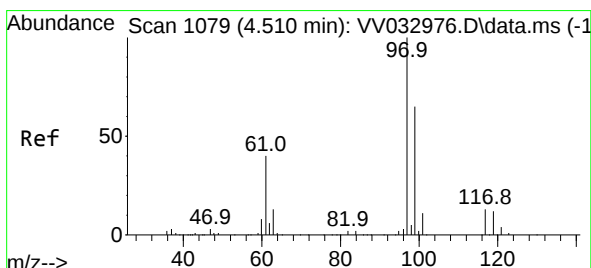
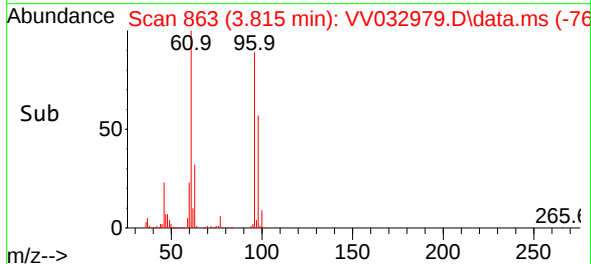
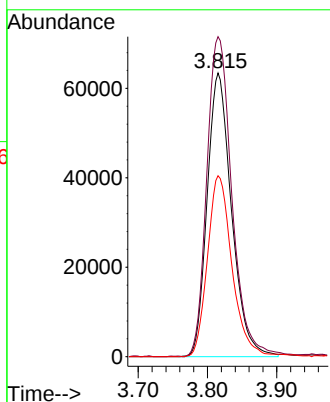


#22
 cis-1,2-Dichloroethene
 Concen: 10.678 ug/L
 RT: 3.815 min Scan# 80
 Delta R.T. 0.003 min
 Lab File: VV032979.D
 Acq: 17 Nov 2023 02:10

Instrument :
 MSVOA_V
 ClientSampleId :

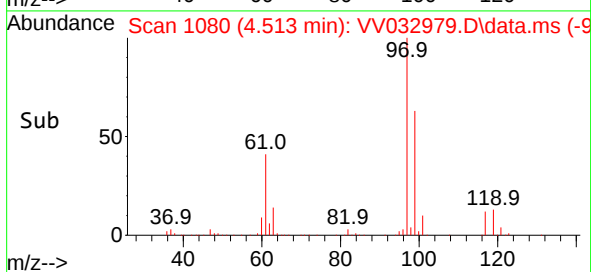
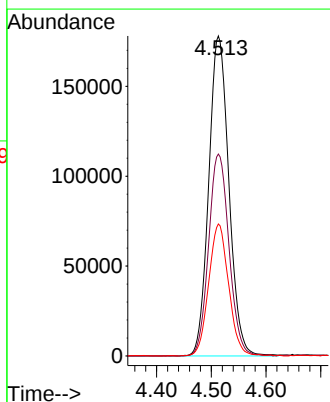
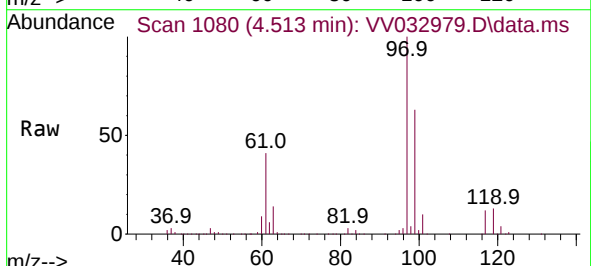


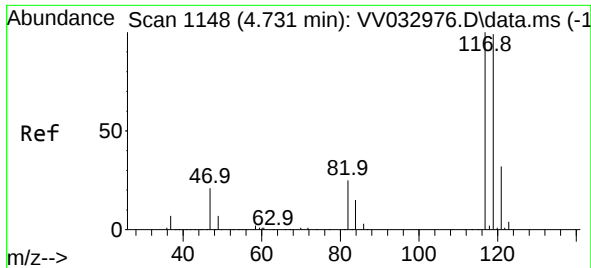
Tgt Ion: 96 Resp: 155034
 Ion Ratio Lower Upper
 96 100
 61 112.8 77.8 144.6
 98 63.8 45.4 84.4



#29
 1,1,1-Trichloroethane
 Concen: 18.466 ug/L
 RT: 4.513 min Scan# 1080
 Delta R.T. 0.003 min
 Lab File: VV032979.D
 Acq: 17 Nov 2023 02:10

Tgt Ion: 97 Resp: 455622
 Ion Ratio Lower Upper
 97 100
 99 64.0 51.4 77.2
 61 40.8 34.2 51.2

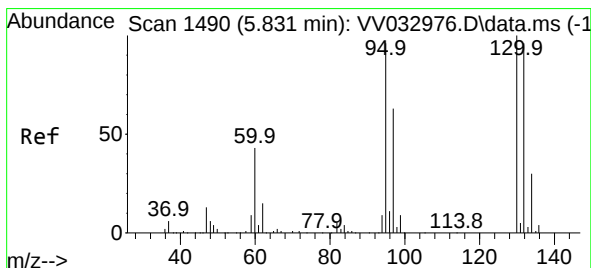
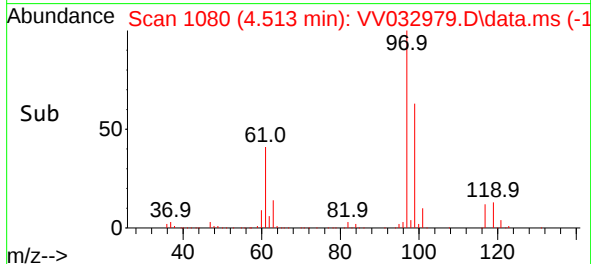
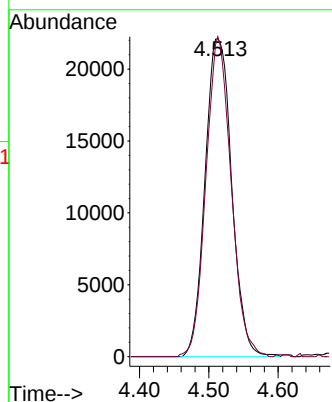
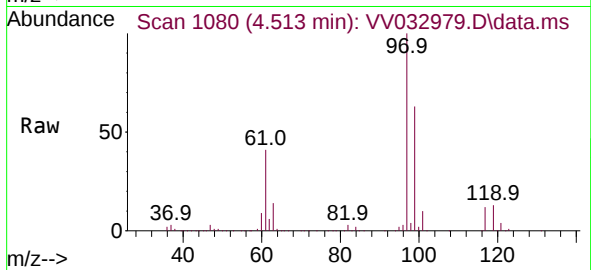




#31
Carbon tetrachloride
Concen: 2.764 ug/L
RT: 4.513 min Scan# 1148
Delta R.T. -0.219 min
Lab File: VV032979.D
Acq: 17 Nov 2023 02:10

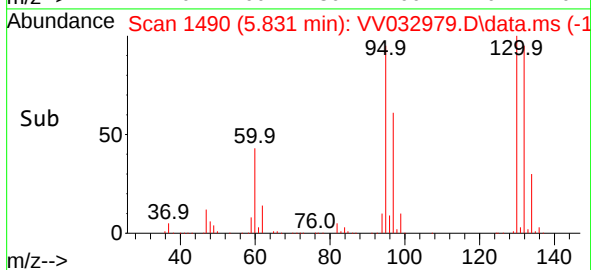
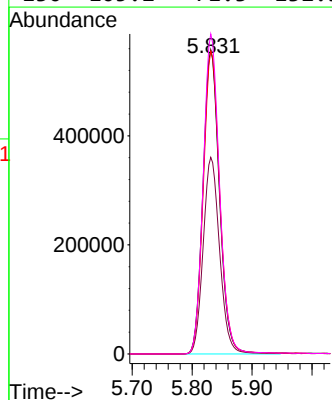
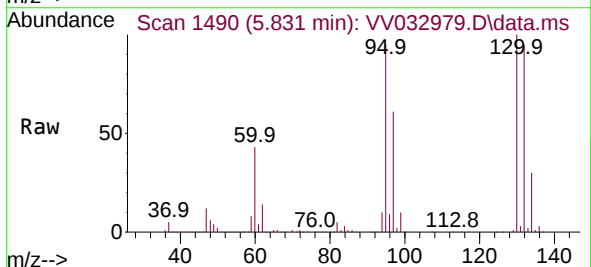
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MSVOA_V
ClientSampleId :

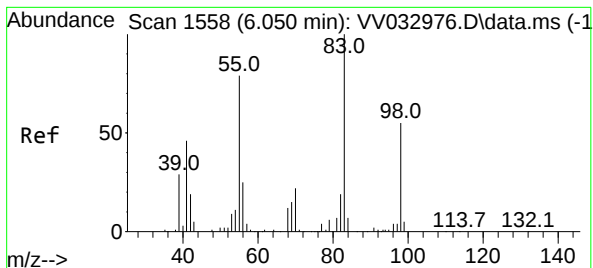
Tgt Ion:117 Resp: 59047
Ion Ratio Lower Upper
117 100
119 94.9 76.8 115.2



#34
Trichloroethene
Concen: 73.587 ug/L
RT: 5.831 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VV032979.D
Acq: 17 Nov 2023 02:10

Tgt Ion: 95 Resp: 1068003
Ion Ratio Lower Upper
95 100
97 64.7 43.7 81.1
132 99.6 69.7 129.5
130 105.2 71.3 132.3





#35

Methylcyclohexane

Concen: 0.978 ug/L

RT: 5.989 min Scan# 1539

Delta R.T. -0.061 min

Lab File: VV032979.D

Acq: 17 Nov 2023 02:10

Instrument :

MSVOA_V

ClientSampleId :

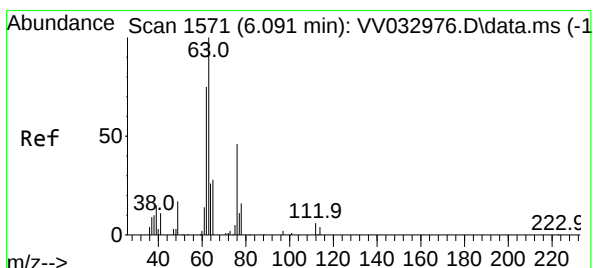
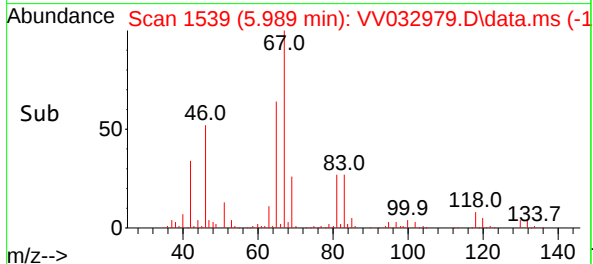
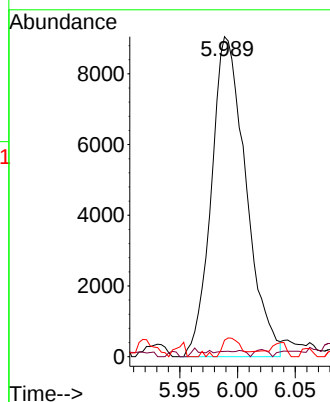
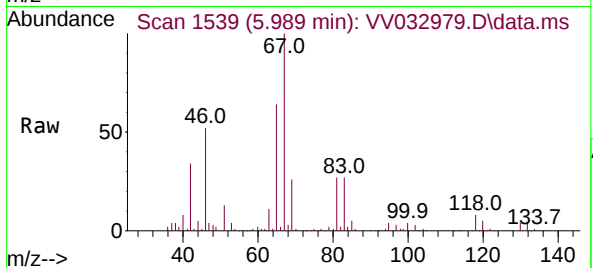
Tgt Ion: 83 Resp: 18806

Ion Ratio Lower Upper

83 100

55 0.6 57.6 86.4#

98 0.0 39.0 58.4#



#37

1,2-Dichloropropane

Concen: 0.648 ug/L

RT: 5.985 min Scan# 1538

Delta R.T. -0.106 min

Lab File: VV032979.D

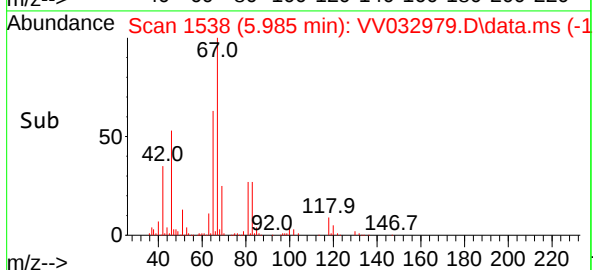
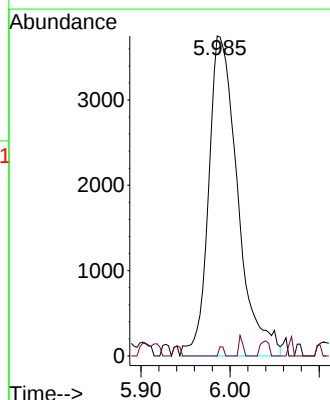
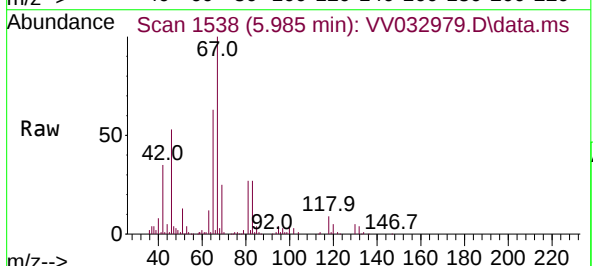
Acq: 17 Nov 2023 02:10

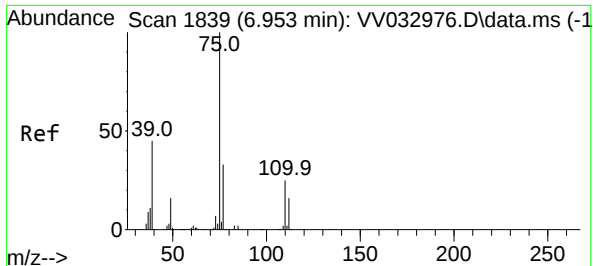
Tgt Ion: 63 Resp: 8500

Ion Ratio Lower Upper

63 100

112 0.5 4.1 6.1#





#39

cis-1,3-Dichloropropene

Concen: 0.131 ug/L

RT: 6.915 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV032979.D

Acq: 17 Nov 2023 02:10

Instrument :

MSVOA_V

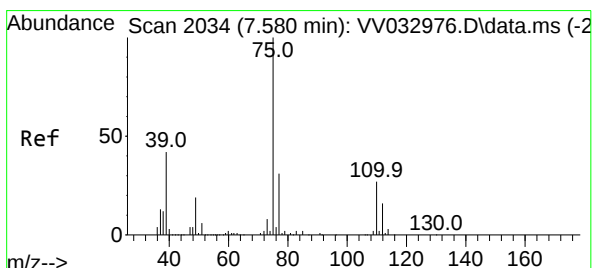
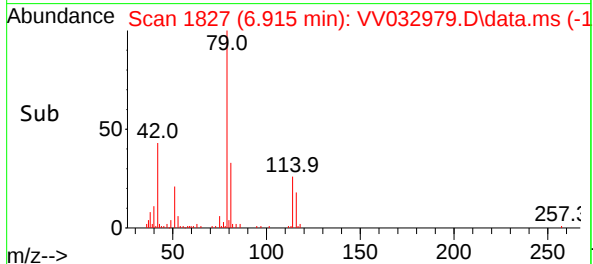
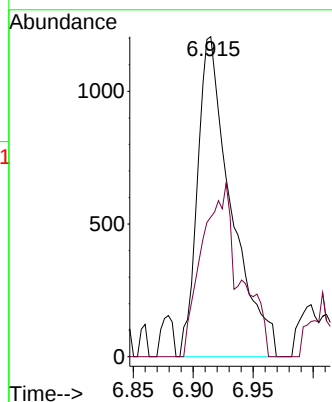
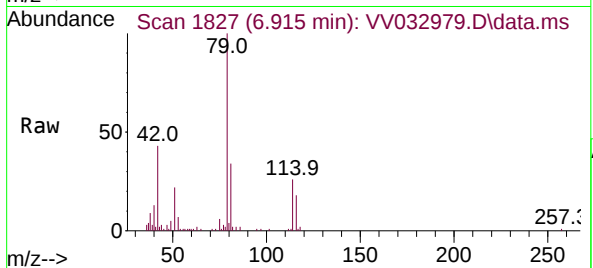
ClientSampleId :

Tgt Ion: 75 Resp: 2350

Ion Ratio Lower Upper

75 100

77 43.6 22.1 41.1#



#44

trans-1,3-Dichloropropene

Concen: 0.084 ug/L

RT: 7.558 min Scan# 2027

Delta R.T. -0.022 min

Lab File: VV032979.D

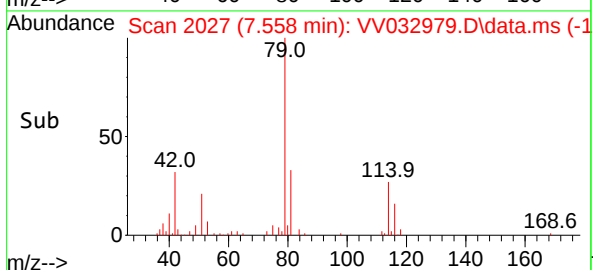
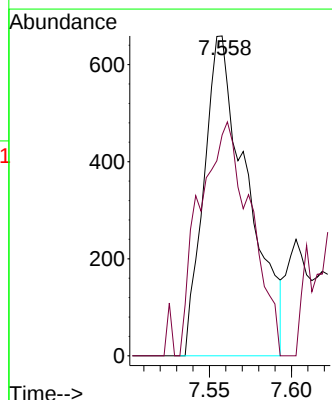
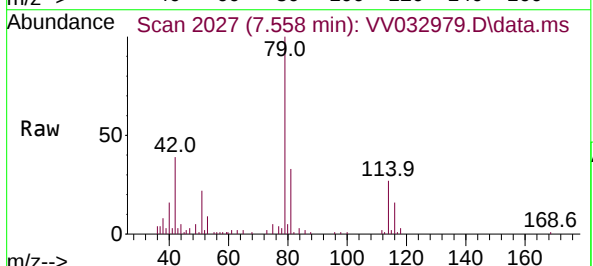
Acq: 17 Nov 2023 02:10

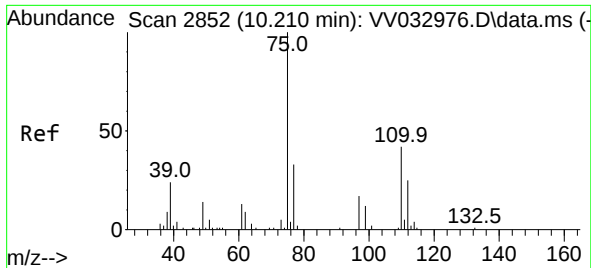
Tgt Ion: 75 Resp: 1214

Ion Ratio Lower Upper

75 100

77 69.0 22.9 42.5#





#61

1,2,3-Trichloropropane

Concen: 1.662 ug/L

RT: 11.188 min Scan# 31

Delta R.T. 0.977 min

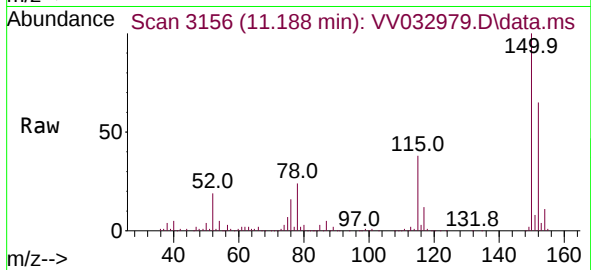
Lab File: VV032979.D

Acq: 17 Nov 2023 02:10

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 9666

Ion Ratio Lower Upper

75 100

77 34.0 25.0 37.4

110 3.6 35.6 53.4#

