

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111723\
 Data File : VW032980.D
 Acq On : 17 Nov 2023 02:34
 Operator : SY/MD
 Sample : 05341-14
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 17 04:58:13 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)

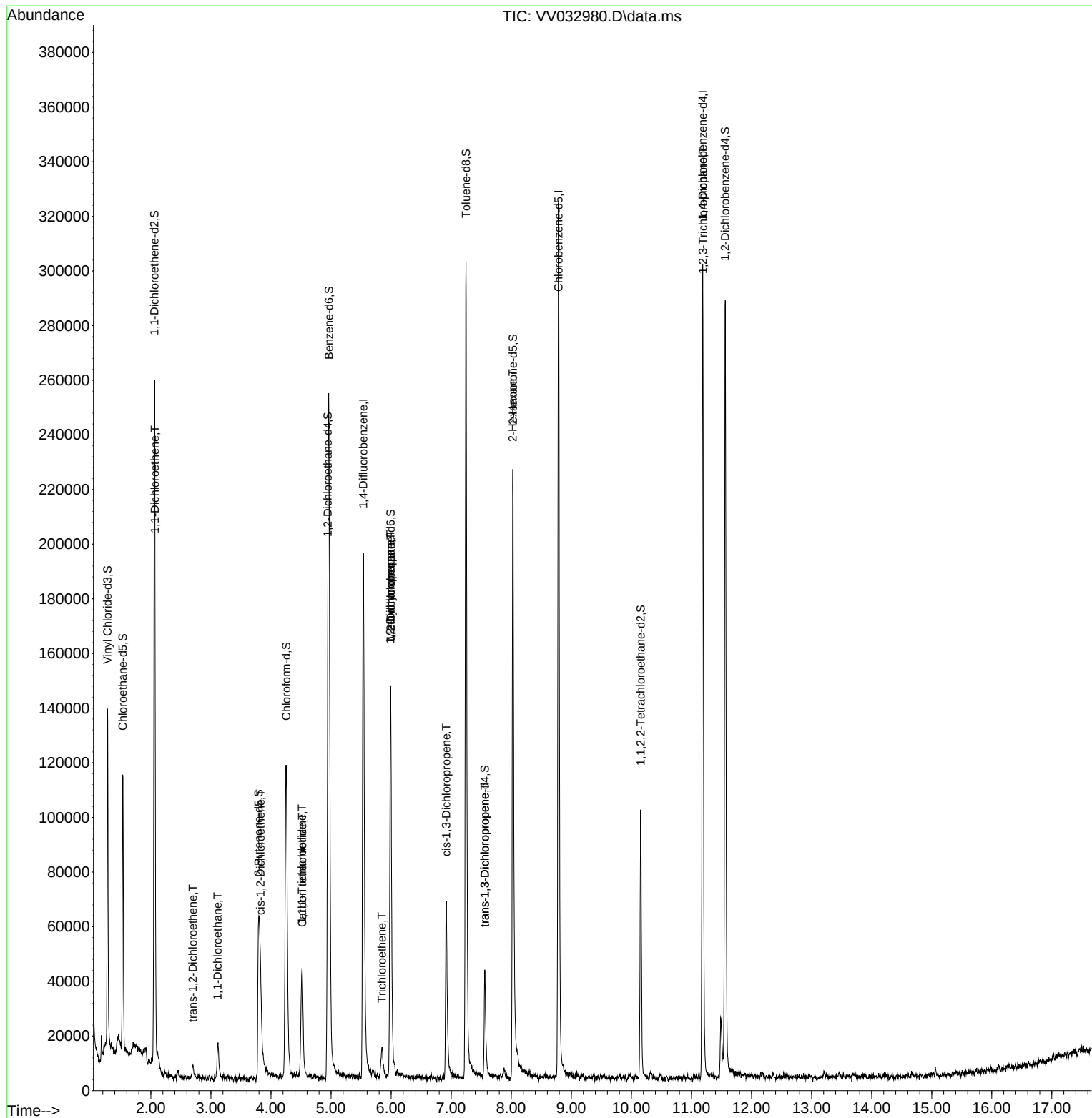
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	173891	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	179115	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	78046	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	78640	5.313	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	106.200%
7) Chloroethane-d5	1.532	69	64251	4.528	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.600%
11) 1,1-Dichloroethene-d2	2.059	65	41865	6.415	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	128.400%#
20) 2-Butanone-d5	3.793	46	85663	43.441	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.880%
24) Chloroform-d	4.252	84	125844	4.945	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
26) 1,2-Dichloroethane-d4	4.947	65	57061	5.079	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.600%
32) Benzene-d6	4.963	84	239465	5.085	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.800%
36) 1,2-Dichloropropane-d6	5.992	67	66224	4.954	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.000%
41) Toluene-d8	7.246	98	203510	4.594	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
43) trans-1,3-Dichloroprop...	7.561	79	23890	4.585	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.600%
46) 2-Hexanone-d5	8.027	63	77896	43.723	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.440%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	44682	4.531	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.600%
66) 1,2-Dichlorobenzene-d4	11.561	152	74080	5.455	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.000%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.069	96	5516	0.376	ug/L #	1
18) trans-1,2-Dichloroethene	2.699	96	1891	0.136	ug/L	85
19) 1,1-Dichloroethane	3.114	63	12323	0.499	ug/L	94
22) cis-1,2-Dichloroethene	3.825	96	15384	1.078	ug/L	94
29) 1,1,1-Trichloroethane	4.516	97	32844	1.328	ug/L	99
31) Carbon tetrachloride	4.519	117	3981	0.186	ug/L	92
34) Trichloroethene	5.847	95	3384	0.233	ug/L	88
35) Methylcyclohexane	5.992	83	16995	0.882	ug/L #	21
37) 1,2-Dichloropropane	5.989	63	8227	0.626	ug/L #	87
39) cis-1,3-Dichloropropene	6.918	75	2318	0.129	ug/L #	60
44) trans-1,3-Dichloropropene	7.561	75	1344	0.093	ug/L #	67
48) 2-Hexanone	8.024	43	10059	2.627	ug/L #	65
61) 1,2,3-Trichloropropane	11.191	75	9576	1.680	ug/L #	61

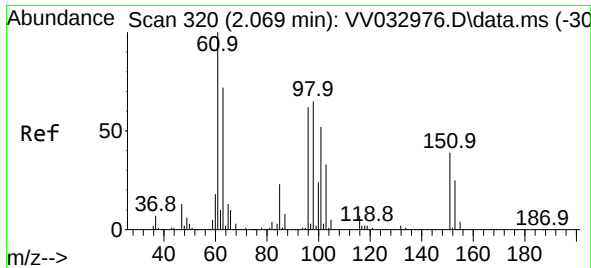
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 17 00:51:54 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.376 ug/L

RT: 2.069 min Scan# 31

Delta R.T. -0.000 min

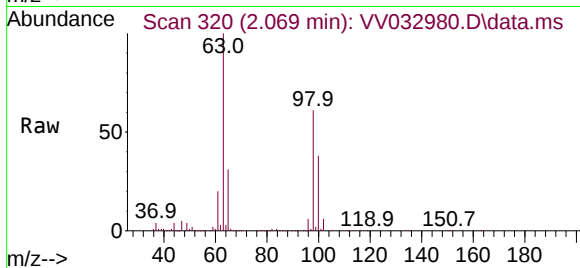
Lab File: VV032980.D

Acq: 17 Nov 2023 02:34

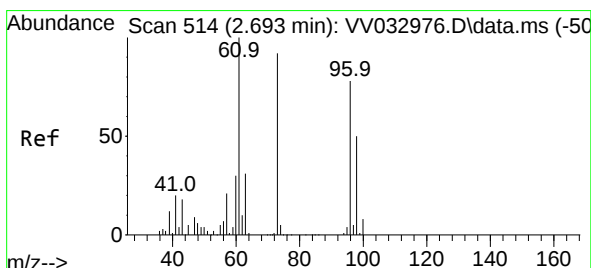
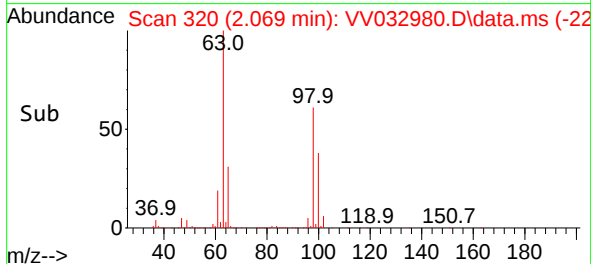
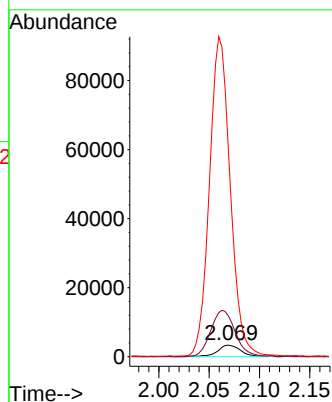
Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:	96	Resp:	5516
Ion	Ratio	Lower	Upper
96	100		
61	352.4	119.8	222.6#
63	1792.2	90.5	168.1#



#18

trans-1,2-Dichloroethene

Concen: 0.136 ug/L

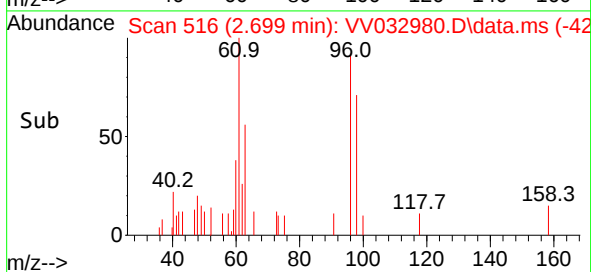
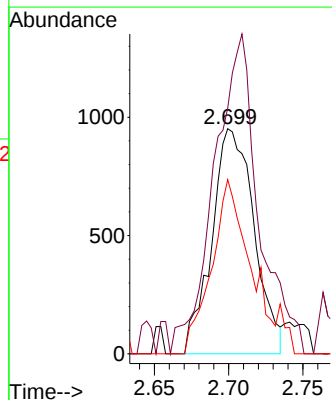
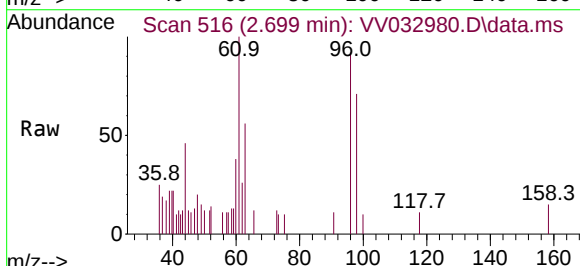
RT: 2.699 min Scan# 516

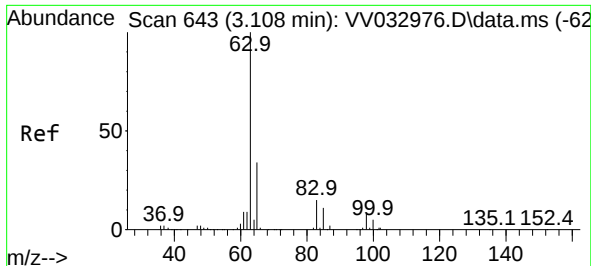
Delta R.T. 0.006 min

Lab File: VV032980.D

Acq: 17 Nov 2023 02:34

Tgt Ion:	96	Resp:	1891
Ion	Ratio	Lower	Upper
96	100		
61	109.0	88.2	163.8
98	77.4	45.4	84.4





#19

1,1-Dichloroethane

Concen: 0.499 ug/L

RT: 3.114 min Scan# 64

Delta R.T. 0.006 min

Lab File: VV032980.D

Acq: 17 Nov 2023 02:34

Instrument :

MSVOA_V

ClientSampleId :

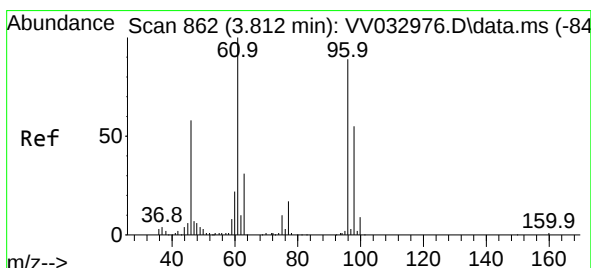
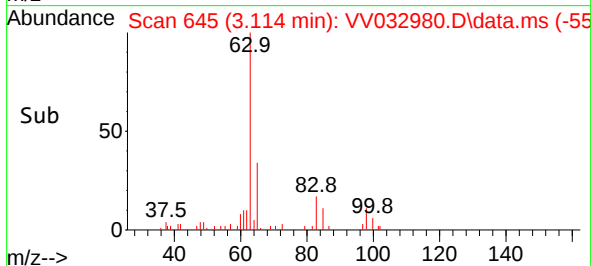
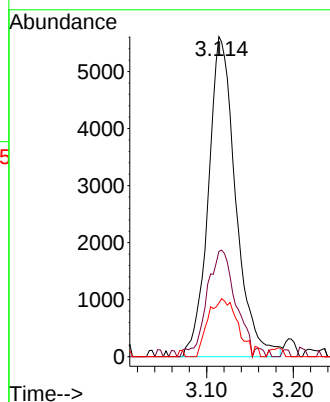
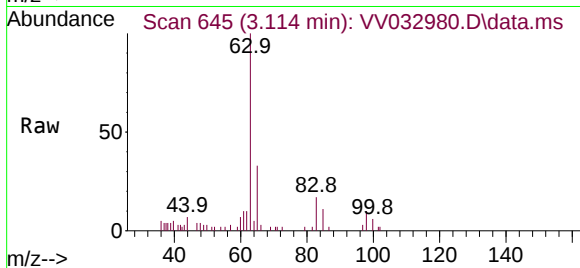
Tgt Ion: 63 Resp: 12323

Ion Ratio Lower Upper

63 100

65 32.9 21.0 39.0

83 16.8 10.0 18.6



#22

cis-1,2-Dichloroethene

Concen: 1.078 ug/L

RT: 3.825 min Scan# 866

Delta R.T. 0.013 min

Lab File: VV032980.D

Acq: 17 Nov 2023 02:34

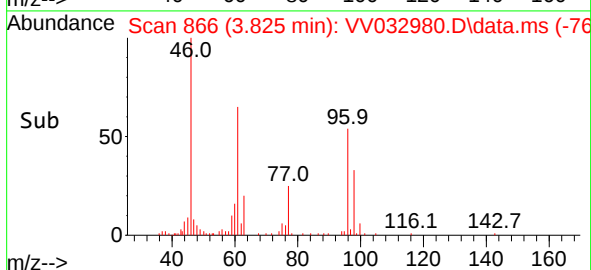
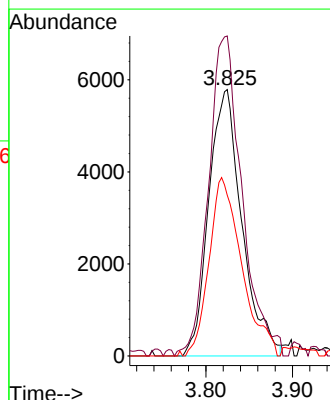
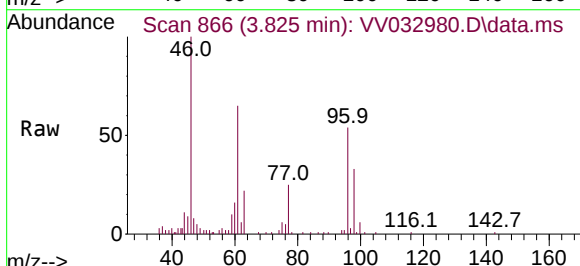
Tgt Ion: 96 Resp: 15384

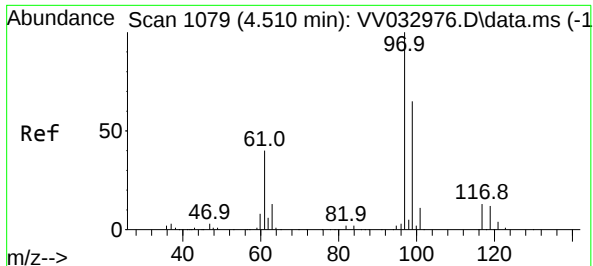
Ion Ratio Lower Upper

96 100

61 120.1 77.8 144.6

98 62.7 45.4 84.4





#29

1,1,1-Trichloroethane

Concen: 1.328 ug/L

RT: 4.516 min Scan# 1079

Delta R.T. 0.006 min

Lab File: VV032980.D

Acq: 17 Nov 2023 02:34

Instrument :

MSVOA_V

ClientSampleId :

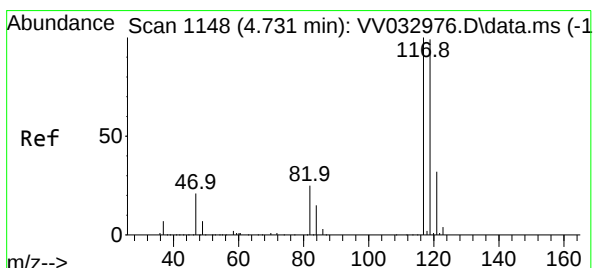
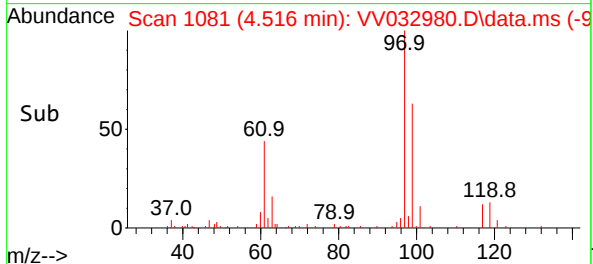
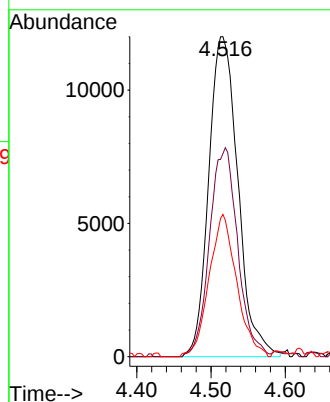
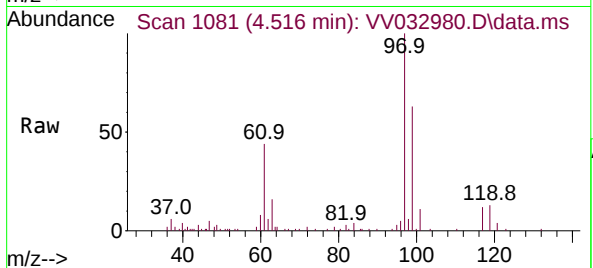
Tgt Ion: 97 Resp: 32844

Ion Ratio Lower Upper

97 100

99 63.0 51.4 77.2

61 42.1 34.2 51.2



#31

Carbon tetrachloride

Concen: 0.186 ug/L

RT: 4.519 min Scan# 1082

Delta R.T. -0.212 min

Lab File: VV032980.D

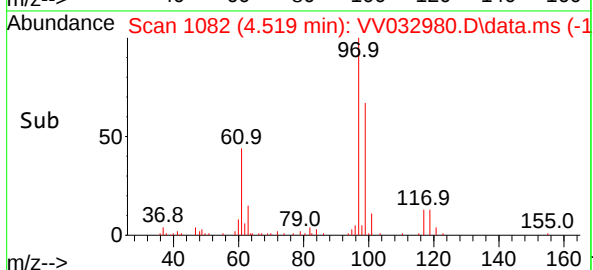
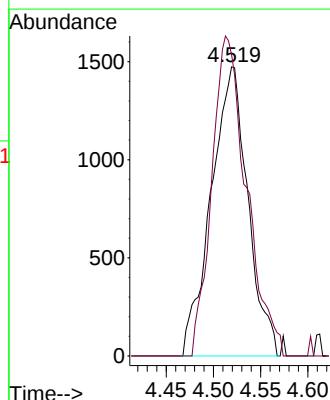
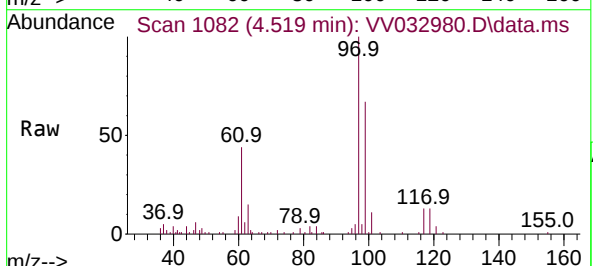
Acq: 17 Nov 2023 02:34

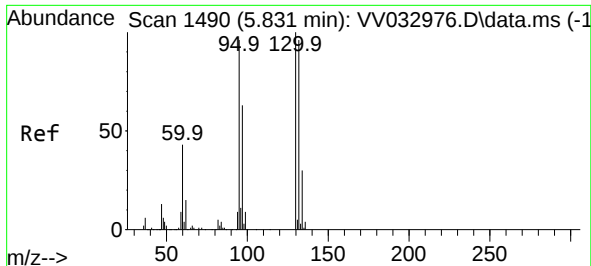
Tgt Ion: 117 Resp: 3981

Ion Ratio Lower Upper

117 100

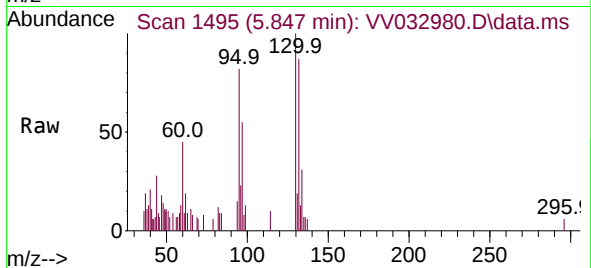
119 104.2 76.8 115.2



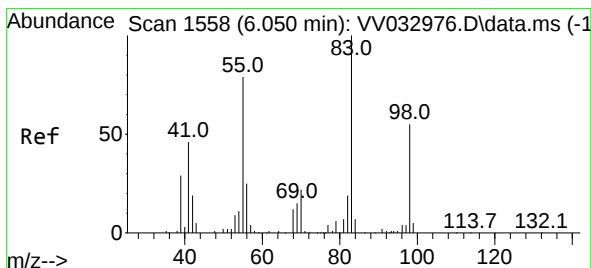
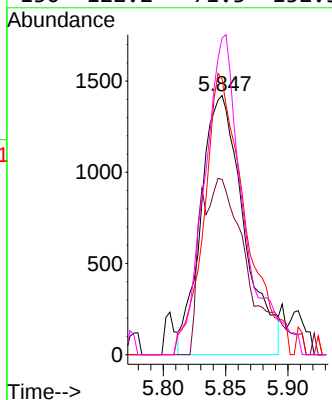
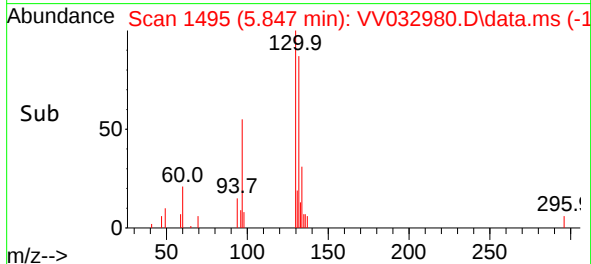


#34
 Trichloroethene
 Concen: 0.233 ug/L
 RT: 5.847 min Scan# 1490
 Delta R.T. 0.016 min
 Lab File: VV032980.D
 Acq: 17 Nov 2023 02:34

Instrument :
 MSVOA_V
 ClientSampleId :

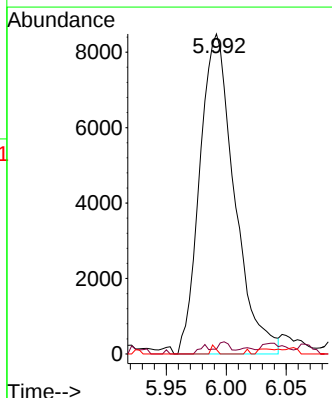
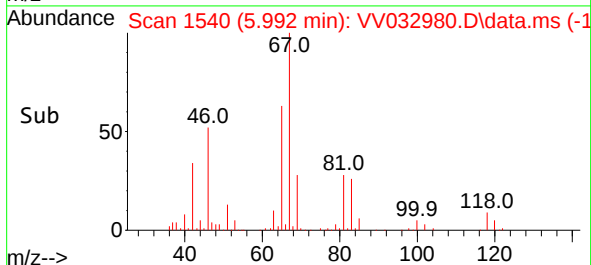
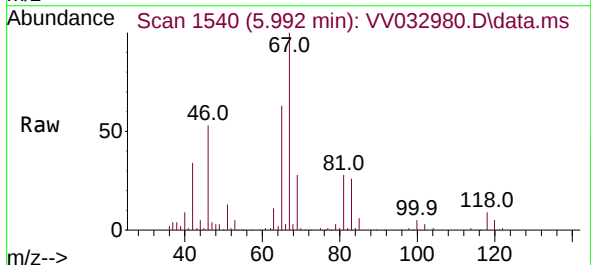


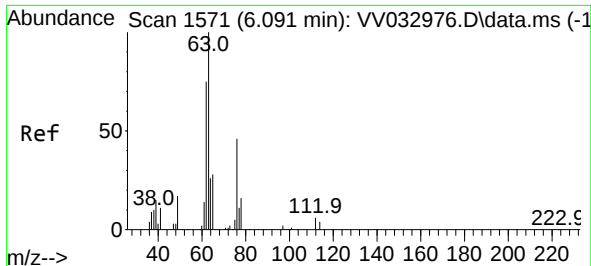
Tgt Ion:	95	Resp:	3384
Ion	Ratio	Lower	Upper
95	100		
97	67.6	43.7	81.1
132	106.3	69.7	129.5
130	122.2	71.3	132.3



#35
 Methylcyclohexane
 Concen: 0.882 ug/L
 RT: 5.992 min Scan# 1540
 Delta R.T. -0.058 min
 Lab File: VV032980.D
 Acq: 17 Nov 2023 02:34

Tgt Ion:	83	Resp:	16995
Ion	Ratio	Lower	Upper
83	100		
55	1.4	57.6	86.4#
98	0.4	39.0	58.4#

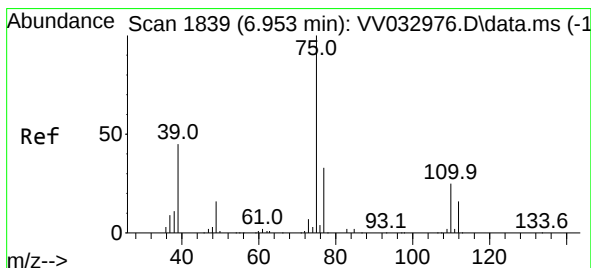
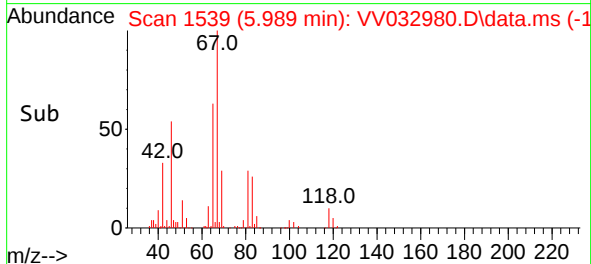
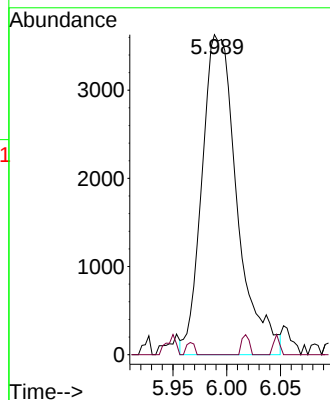
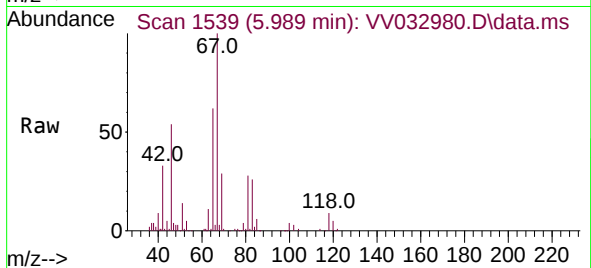




#37
1,2-Dichloropropane
Concen: 0.626 ug/L
RT: 5.989 min Scan# 11
Delta R.T. -0.103 min
Lab File: VV032980.D
Acq: 17 Nov 2023 02:34

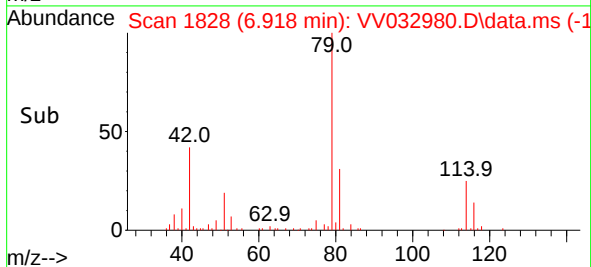
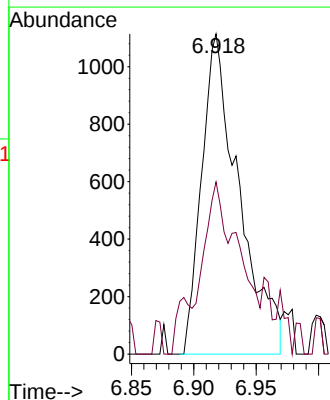
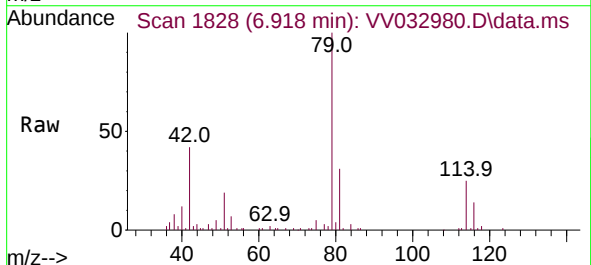
Instrument :
MSVOA_V
ClientSampleId :

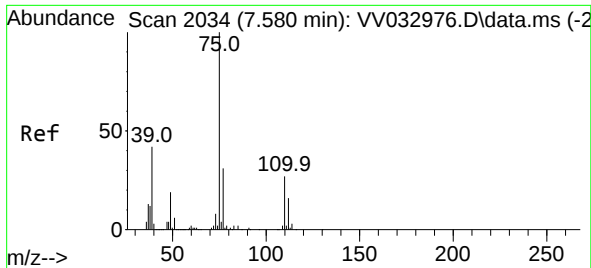
Tgt Ion: 63 Resp: 8227
Ion Ratio Lower Upper
63 100
112 0.9 4.1 6.1#



#39
cis-1,3-Dichloropropene
Concen: 0.129 ug/L
RT: 6.918 min Scan# 1828
Delta R.T. -0.035 min
Lab File: VV032980.D
Acq: 17 Nov 2023 02:34

Tgt Ion: 75 Resp: 2318
Ion Ratio Lower Upper
75 100
77 53.8 22.1 41.1#

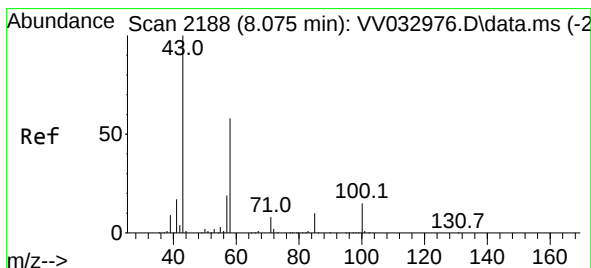
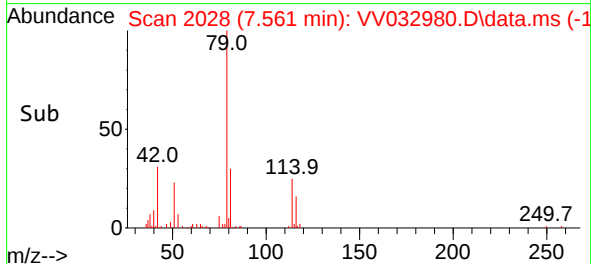
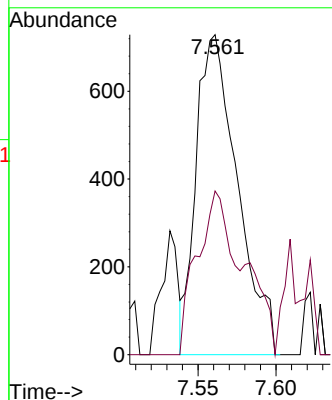
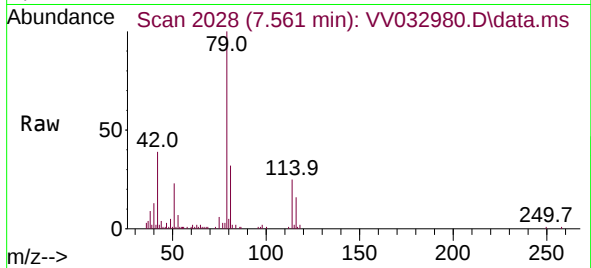




#44
trans-1,3-Dichloropropene
Concen: 0.093 ug/L
RT: 7.561 min Scan# 2034
Delta R.T. -0.019 min
Lab File: VV032980.D
Acq: 17 Nov 2023 02:34

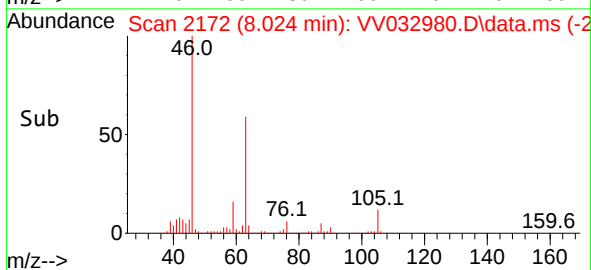
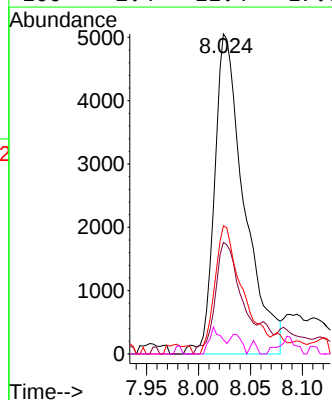
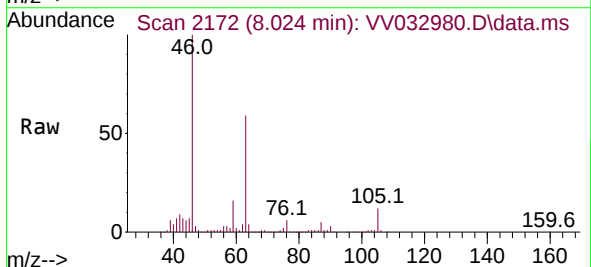
Instrument :
MSVOA_V
ClientSampleId :

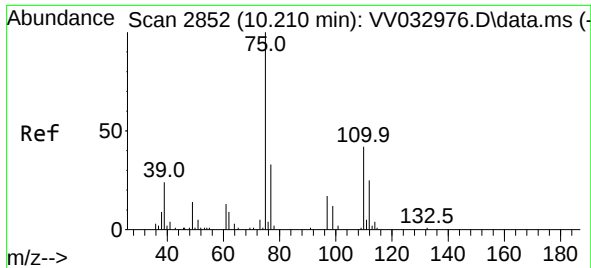
Tgt Ion: 75 Resp: 1344
Ion Ratio Lower Upper
75 100
77 51.2 22.9 42.5#



#48
2-Hexanone
Concen: 2.627 ug/L
RT: 8.024 min Scan# 2172
Delta R.T. -0.051 min
Lab File: VV032980.D
Acq: 17 Nov 2023 02:34

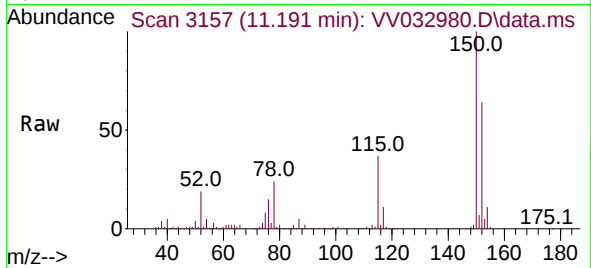
Tgt Ion: 43 Resp: 10059
Ion Ratio Lower Upper
43 100
58 30.5 44.9 67.3#
57 37.6 15.1 22.7#
100 2.4 11.4 17.0#





#61
 1,2,3-Trichloropropane
 Concen: 1.680 ug/L
 RT: 11.191 min Scan# 31
 Delta R.T. 0.981 min
 Lab File: VV032980.D
 Acq: 17 Nov 2023 02:34

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75	Resp:	9576	
Ion	Ratio	Lower	Upper
75	100		
77	34.8	25.0	37.4
110	4.2	35.6	53.4#

