

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103023\
 Data File : VV032782.D
 Acq On : 30 Oct 2023 19:21
 Operator : SY/MD
 Sample : 05114-17
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 31 02:29:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 31 02:23:31 2023
 Response via : Initial Calibration

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

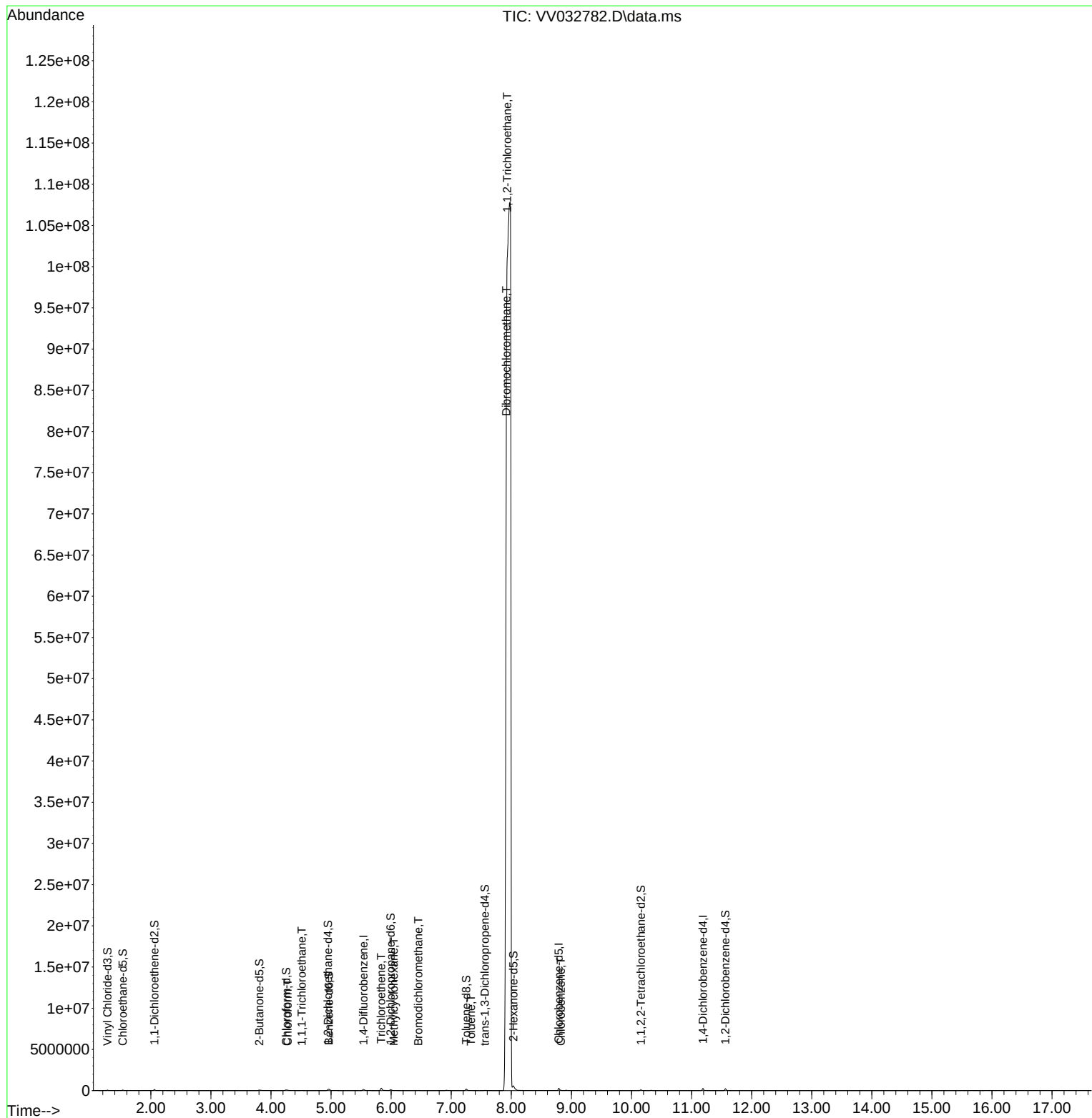
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	124362	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	152582	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	68632	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	41964	4.109	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.200%
7) Chloroethane-d5	1.532	69	43249	4.983	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.600%
11) 1,1-Dichloroethene-d2	2.060	65	20412	4.452	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.000%
20) 2-Butanone-d5	3.806	46	99039	44.904	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.800%
24) Chloroform-d	4.253	84	92558	5.458	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.200%
26) 1,2-Dichloroethane-d4	4.947	65	46017	5.496	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.000%
32) Benzene-d6	4.963	84	156785	4.316	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.400%
36) 1,2-Dichloropropane-d6	5.992	67	51355	4.882	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.600%
41) Toluene-d8	7.249	98	143970	3.910	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.200%
43) trans-1,3-Dichloroprop...	7.561	79	18493	3.984	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.600%
46) 2-Hexanone-d5	8.034	63	98749	53.679	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.360%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	44788	4.788	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.800%
66) 1,2-Dichlorobenzene-d4	11.564	152	58778	5.245	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.800%
Target Compounds						
					Qvalue	
25) Chloroform	4.278	83	16573	0.782	ug/L	98
29) 1,1,1-Trichloroethane	4.513	97	4429	0.225	ug/L #	75
34) Trichloroethene	5.834	95	103206	8.032	ug/L	96
35) Methylcyclohexane	6.043	83	1933	0.101	ug/L #	28
38) Bromodichloromethane	6.452	83	2063	0.120	ug/L #	89
42) Toluene	7.330	91	5874	0.105	ug/L	86
45) 1,1,2-Trichloroethane	7.934	97	321671	32.819	ug/L #	25
49) Dibromochloromethane	7.915	129	1703277	146.498	ug/L #	11
51) Chlorobenzene	8.825	112	11619	0.315	ug/L	92

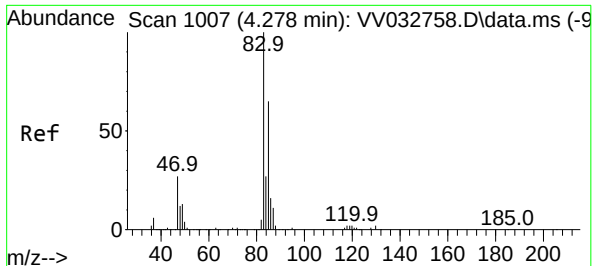
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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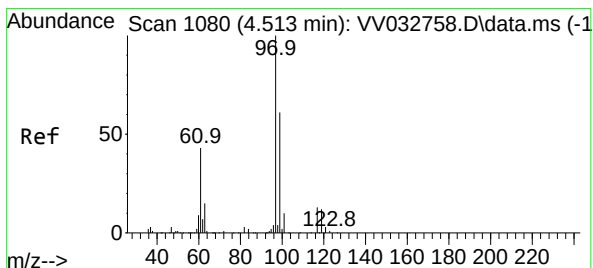
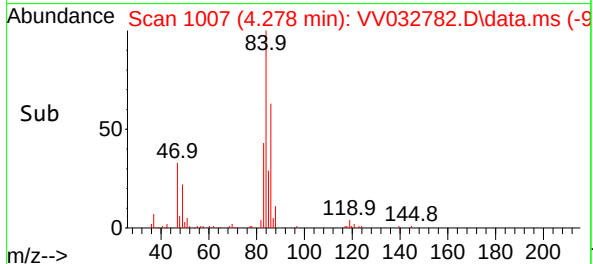
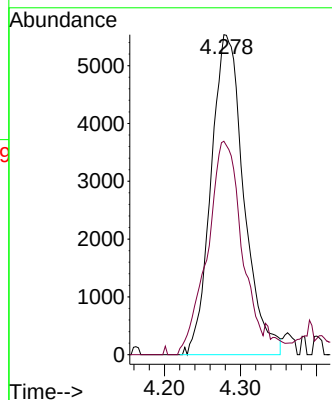
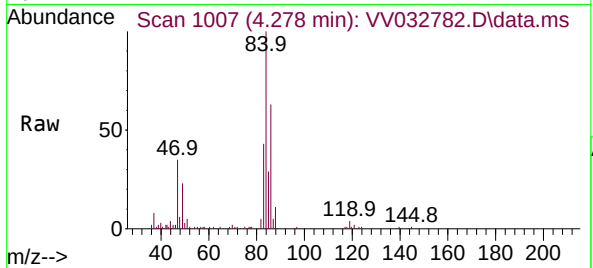




#25
Chloroform
Concen: 0.782 ug/L
RT: 4.278 min Scan# 1007
Delta R.T. -0.000 min
Lab File: VV032782.D
Acq: 30 Oct 2023 19:21

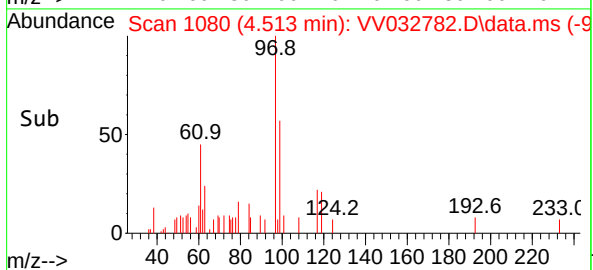
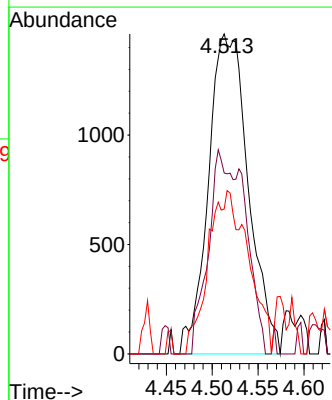
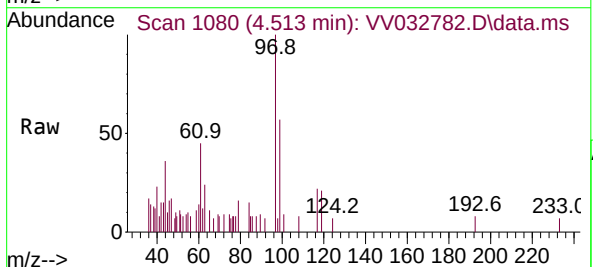
Instrument :
MSVOA_V
ClientSampleId :

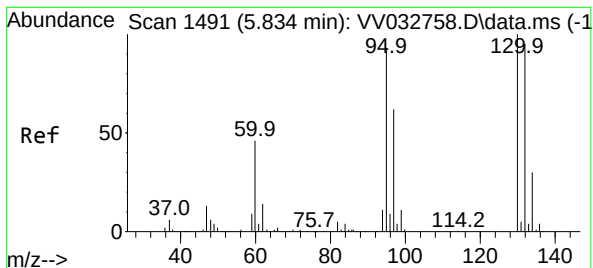
Tgt Ion: 83 Resp: 16573
Ion Ratio Lower Upper
83 100
85 66.7 45.7 84.9



#29
1,1,1-Trichloroethane
Concen: 0.225 ug/L
RT: 4.513 min Scan# 1080
Delta R.T. -0.000 min
Lab File: VV032782.D
Acq: 30 Oct 2023 19:21

Tgt Ion: 97 Resp: 4429
Ion Ratio Lower Upper
97 100
99 36.9 51.4 77.0#
61 51.5 36.1 54.1





#34

Trichloroethene

Concen: 8.032 ug/L

RT: 5.834 min Scan# 1491

Delta R.T. -0.000 min

Lab File: VV032782.D

Acq: 30 Oct 2023 19:21

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 103206

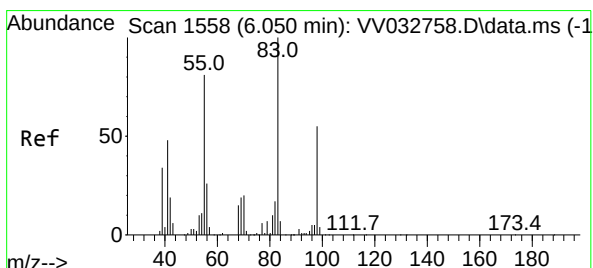
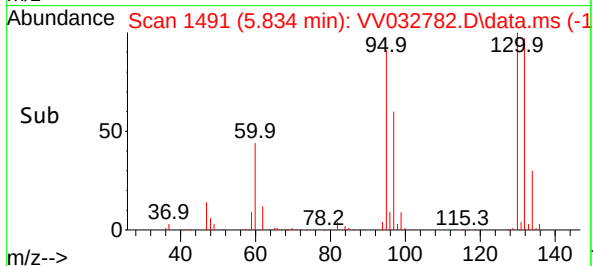
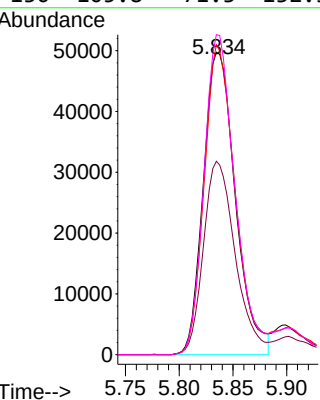
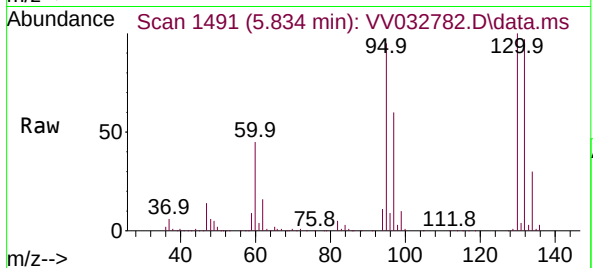
Ion Ratio Lower Upper

95 100

97 63.9 44.0 81.8

132 102.4 66.9 124.3

130 105.8 71.3 132.3



#35

Methylcyclohexane

Concen: 0.101 ug/L

RT: 6.043 min Scan# 1556

Delta R.T. -0.006 min

Lab File: VV032782.D

Acq: 30 Oct 2023 19:21

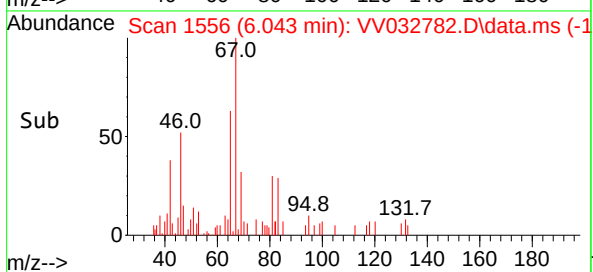
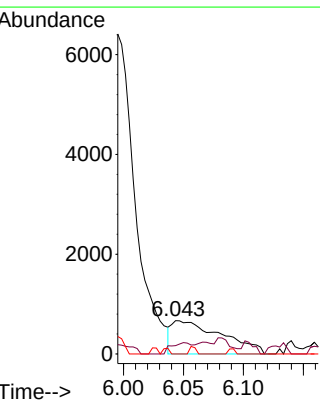
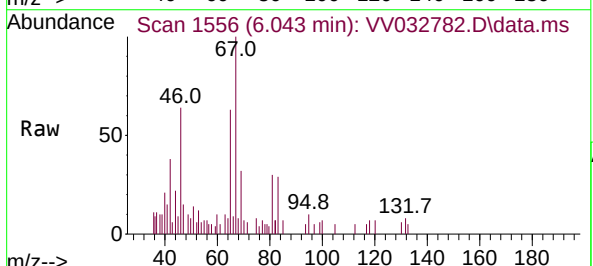
Tgt Ion: 83 Resp: 1933

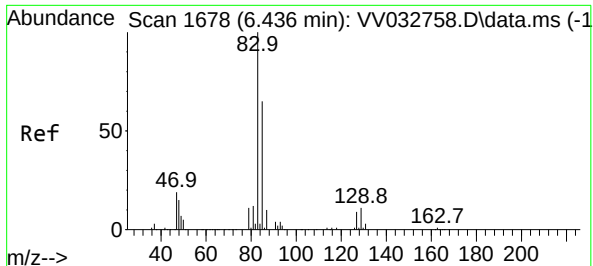
Ion Ratio Lower Upper

83 100

55 13.1 59.6 89.4#

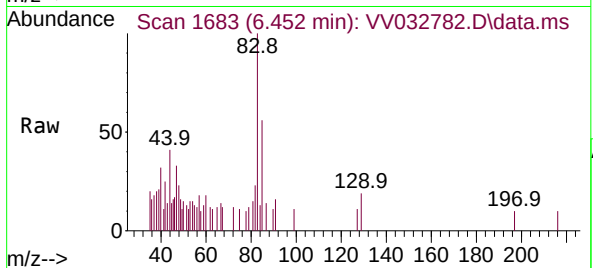
98 0.0 39.1 58.7#



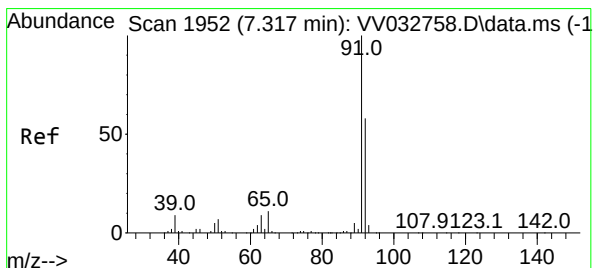
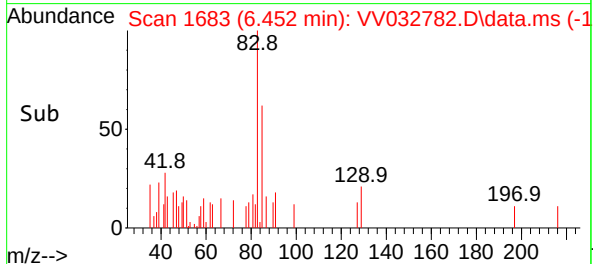
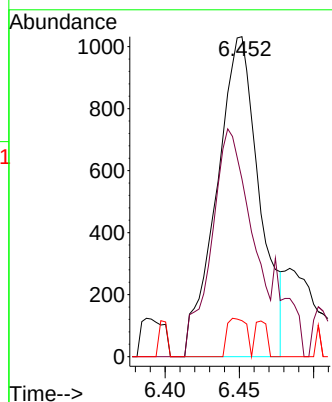


#38
Bromodichloromethane
Concen: 0.120 ug/L
RT: 6.452 min Scan# 1
Delta R.T. 0.016 min
Lab File: VV032782.D
Acq: 30 Oct 2023 19:21

Instrument :
MSVOA_V
ClientSampleId :

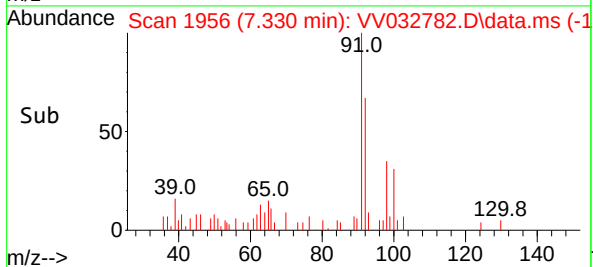
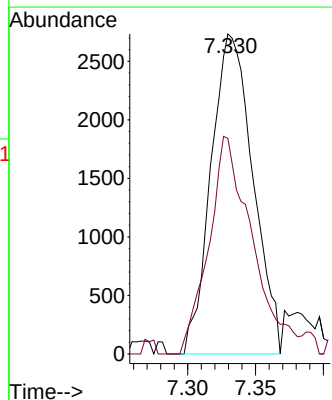
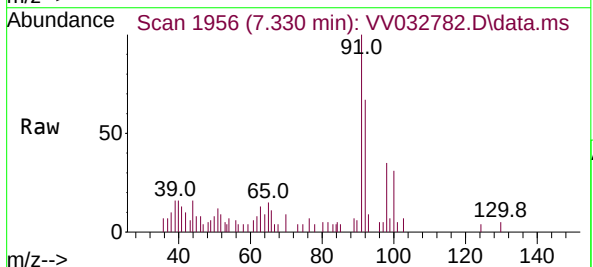


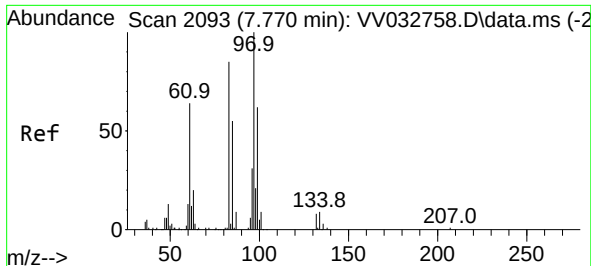
Tgt Ion: 83 Resp: 2063
Ion Ratio Lower Upper
83 100
85 55.5 44.9 83.5
127 11.2 7.0 10.6#



#42
Toluene
Concen: 0.105 ug/L
RT: 7.330 min Scan# 1956
Delta R.T. 0.013 min
Lab File: VV032782.D
Acq: 30 Oct 2023 19:21

Tgt Ion: 91 Resp: 5874
Ion Ratio Lower Upper
91 100
92 67.3 39.9 74.1

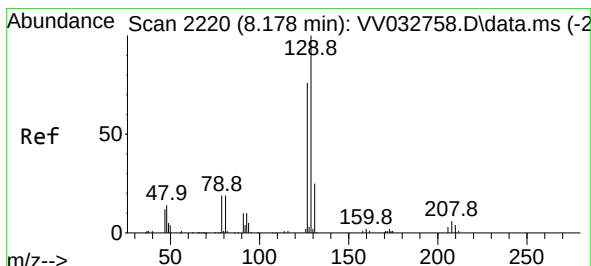
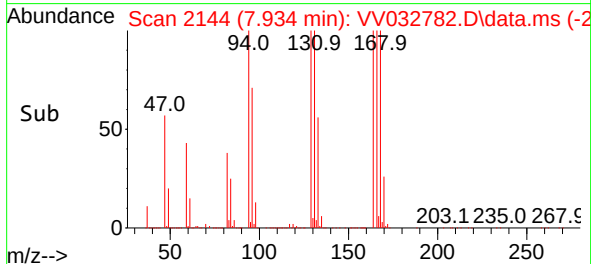
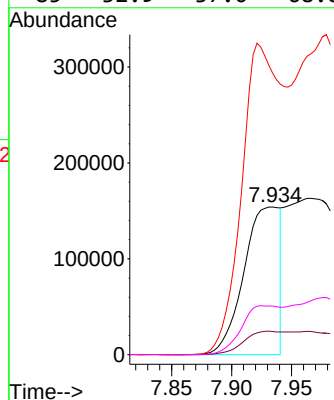
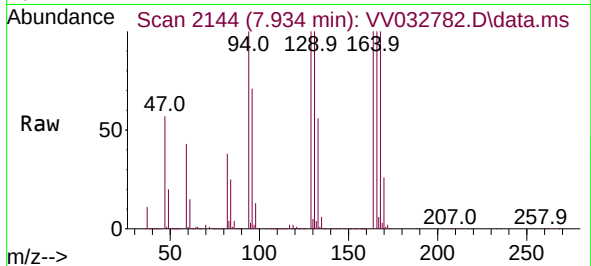




#45
1,1,2-Trichloroethane
Concen: 32.819 ug/L
RT: 7.934 min Scan# 2144
Delta R.T. 0.164 min
Lab File: VV032782.D
Acq: 30 Oct 2023 19:21

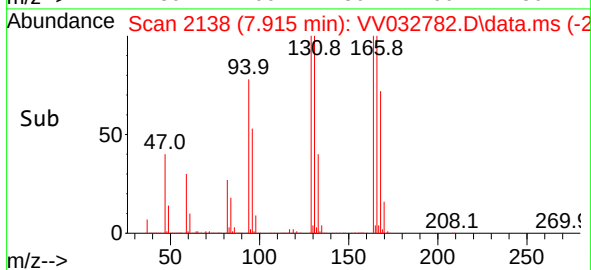
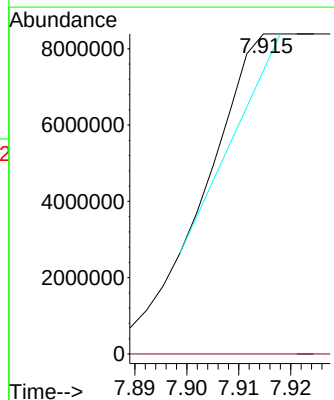
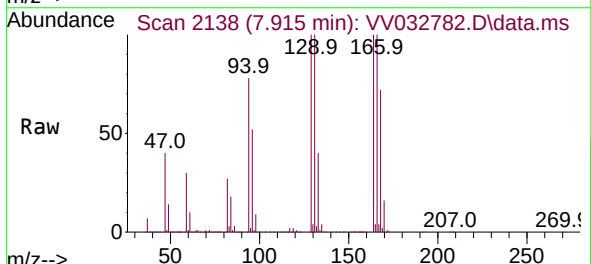
Instrument :
MSVOA_V
ClientSampleId :

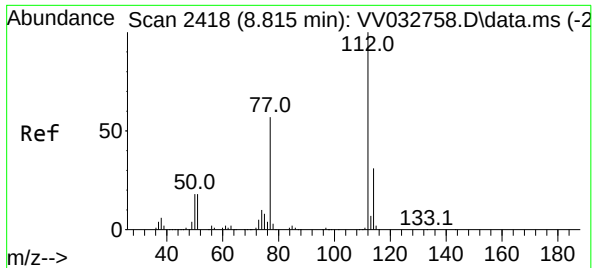
Tgt Ion: 97 Resp: 321671
Ion Ratio Lower Upper
97 100
99 15.7 44.0 81.8#
83 190.7 59.9 111.3#
85 32.9 37.0 68.8#



#49
Dibromochloromethane
Concen: 146.498 ug/L
RT: 7.915 min Scan# 2138
Delta R.T. -0.264 min
Lab File: VV032782.D
Acq: 30 Oct 2023 19:21

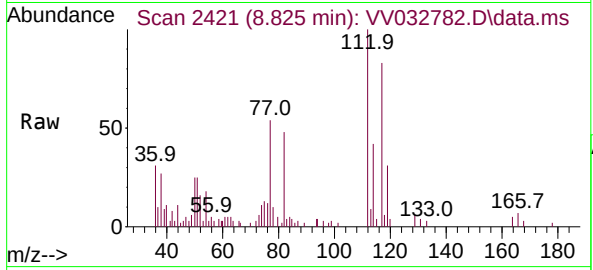
Tgt Ion: 129 Resp: 1703277
Ion Ratio Lower Upper
129 100
127 0.0 54.0 100.4#





#51
 Chlorobenzene
 Concen: 0.315 ug/L
 RT: 8.825 min Scan# 2418
 Delta R.T. 0.010 min
 Lab File: VV032782.D
 Acq: 30 Oct 2023 19:21

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion:112 Resp: 11619

Ion	Ratio	Lower	Upper
112	100		
114	42.1	22.7	42.3
77	54.5	45.7	68.5

