

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW020824\
 Data File : VW034093.D
 Acq On : 09 Feb 2024 05:21
 Operator : SY/MD
 Sample : P1402-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COAE0

Quant Time: Feb 09 05:43:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 09 03:48:51 2024
 Response via : Initial Calibration

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

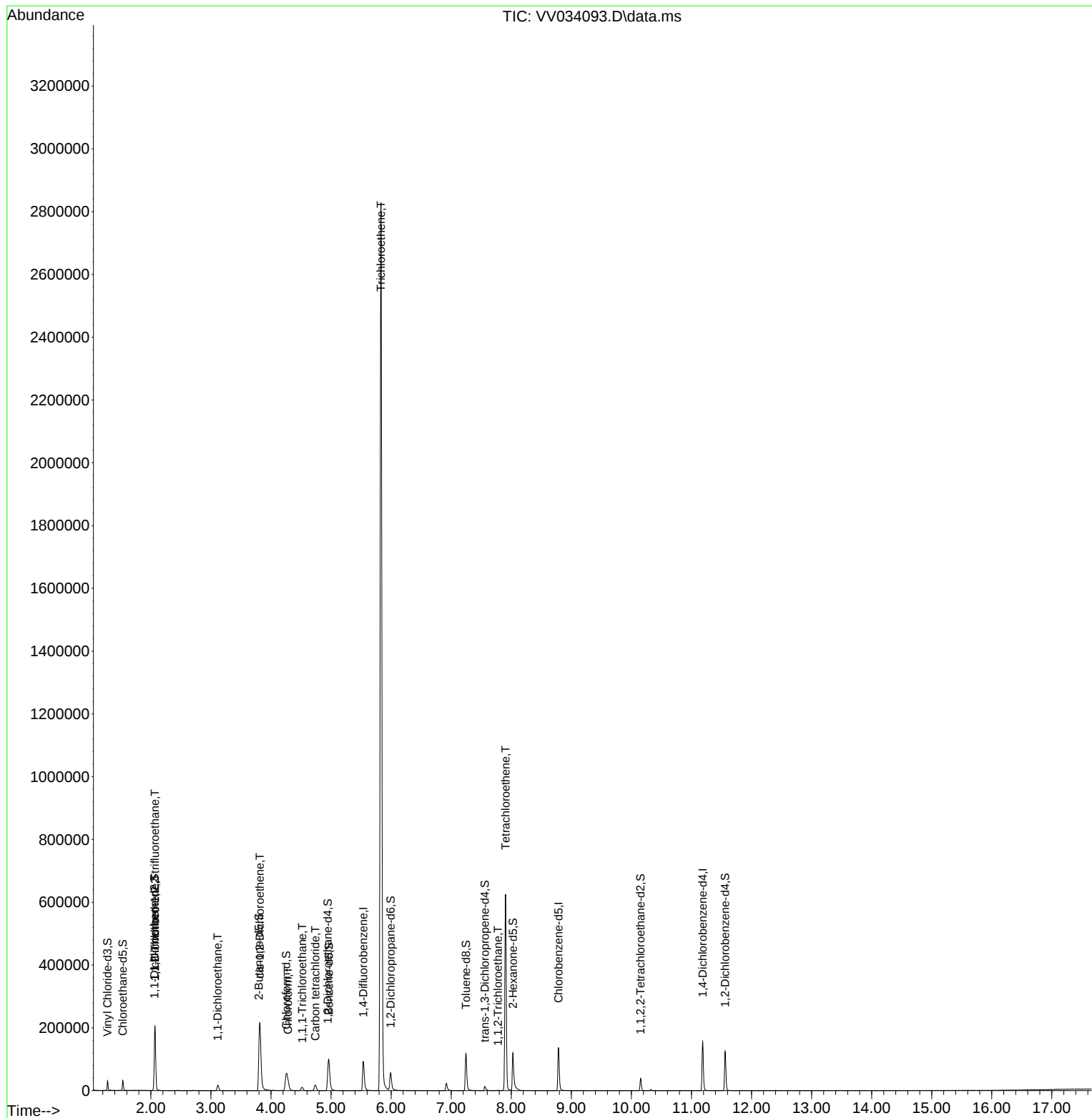
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	81528	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	74254	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	40199	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	18916	2.996	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.000%
7) Chloroethane-d5	1.532	69	19809	3.582	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.600%
11) 1,1-Dichloroethene-d2	2.060	65	10563	3.469	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.400%
20) 2-Butanone-d5	3.799	46	48674	45.900	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.800%
24) Chloroform-d	4.253	84	49815	4.342	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
26) 1,2-Dichloroethane-d4	4.947	65	25265	4.712	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
32) Benzene-d6	4.963	84	89924	4.036	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.800%
36) 1,2-Dichloropropane-d6	5.992	67	25557	4.104	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.000%
41) Toluene-d8	7.246	98	80318	3.923	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.400%
43) trans-1,3-Dichloroprop...	7.561	79	8466	3.600	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.000%
46) 2-Hexanone-d5	8.027	63	41439	49.366	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.740%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	17812	4.718	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.400%
66) 1,2-Dichlorobenzene-d4	11.561	152	30984	4.238	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.800%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	13437	2.291	ug/L	99
12) 1,1-Dichloroethene	2.069	96	36680	6.440	ug/L	92
19) 1,1-Dichloroethane	3.114	63	18437	1.730	ug/L	98
22) cis-1,2-Dichloroethene	3.815	96	108876	16.543	ug/L	98
25) Chloroform	4.281	83	29647	2.751	ug/L	91
29) 1,1,1-Trichloroethane	4.519	97	9507	0.954	ug/L	96
31) Carbon tetrachloride	4.738	117	13982	1.603	ug/L	98
34) Trichloroethene	5.831	95	927083	143.833	ug/L	98
45) 1,1,2-Trichloroethane	7.780	97	685	0.206	ug/L	89
47) Tetrachloroethene	7.905	164	133540	25.498	ug/L	93

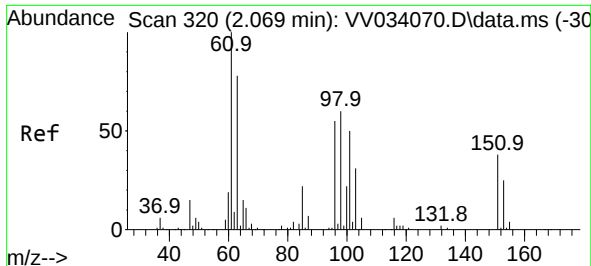
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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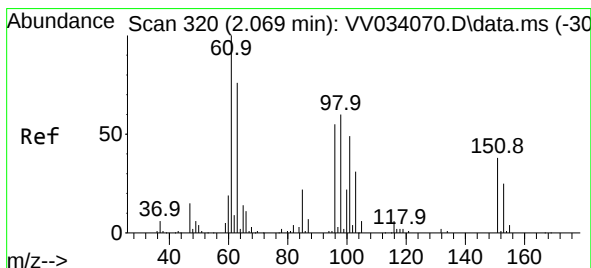
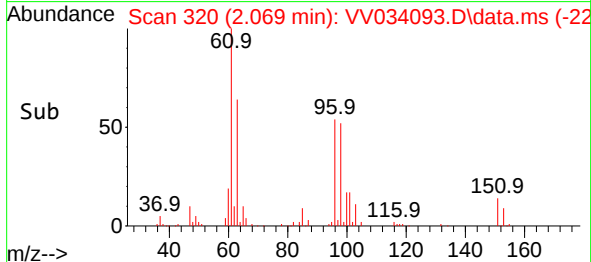
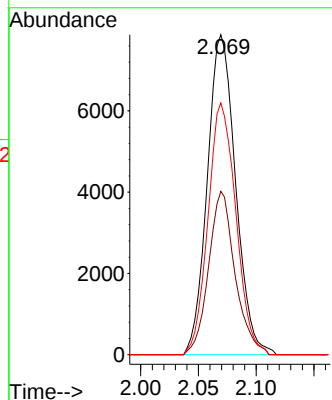
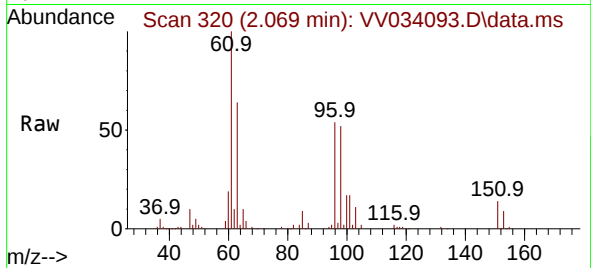




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.291 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VV034093.D
 Acq: 09 Feb 2024 05:21

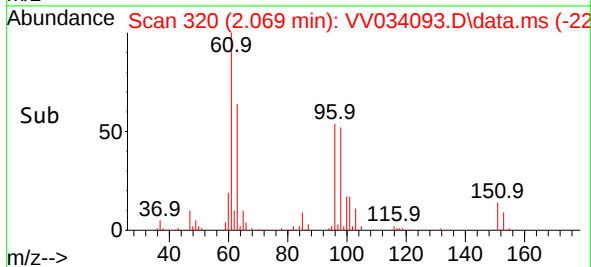
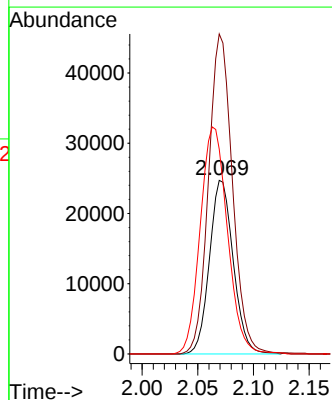
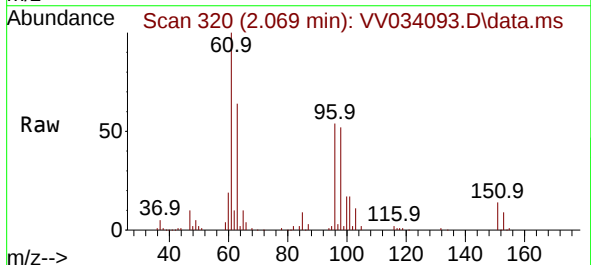
Instrument :
 MSVOA_V
 ClientSampleId :
 COAE0

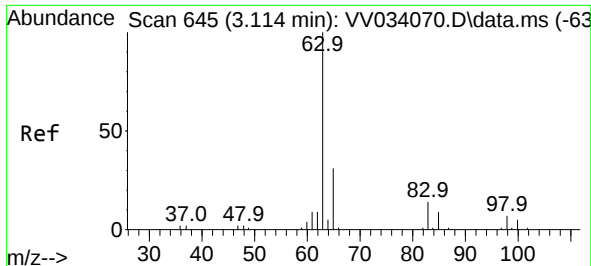
Tgt Ion:101 Resp: 13437
 Ion Ratio Lower Upper
 101 100
 85 47.7 37.1 55.7
 151 77.4 61.7 92.5



#12
 1,1-Dichloroethene
 Concen: 6.440 ug/L
 RT: 2.069 min Scan# 320
 Delta R.T. 0.000 min
 Lab File: VV034093.D
 Acq: 09 Feb 2024 05:21

Tgt Ion: 96 Resp: 36680
 Ion Ratio Lower Upper
 96 100
 61 184.3 128.8 239.2
 63 118.0 97.9 181.9

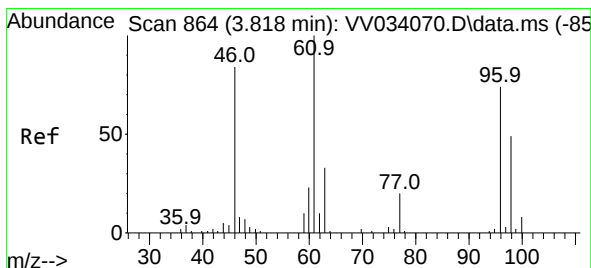
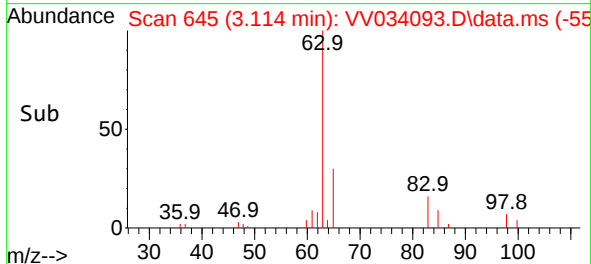
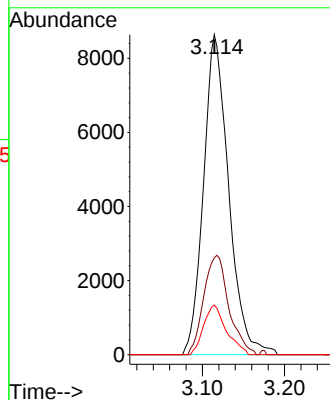
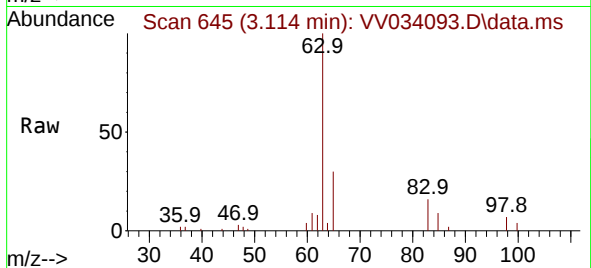




#19
1,1-Dichloroethane
Concen: 1.730 ug/L
RT: 3.114 min Scan# 645
Delta R.T. 0.000 min
Lab File: VV034093.D
Acq: 09 Feb 2024 05:21

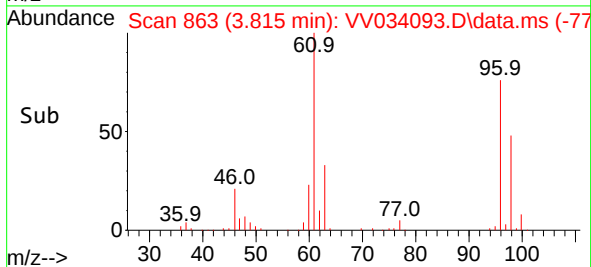
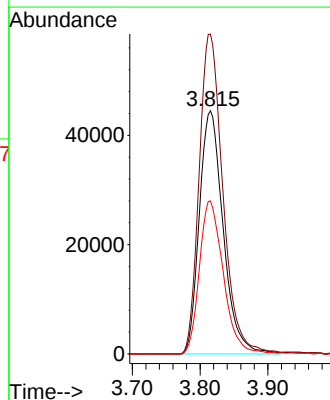
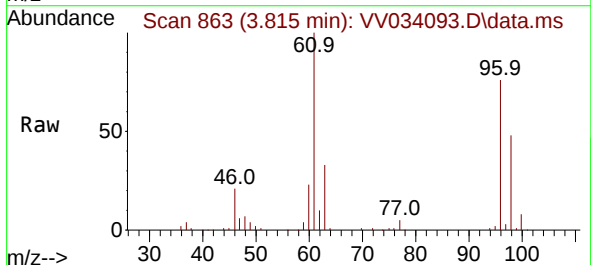
Instrument :
MSVOA_V
ClientSampleId :
COAE0

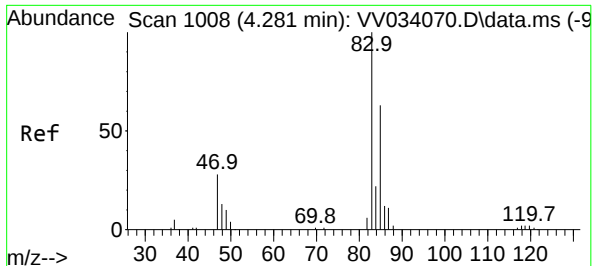
Tgt Ion:	63	Resp:	18437
Ion	Ratio	Lower	Upper
63	100		
65	29.2	20.8	38.6
83	14.9	9.4	17.4



#22
cis-1,2-Dichloroethene
Concen: 16.543 ug/L
RT: 3.815 min Scan# 863
Delta R.T. -0.003 min
Lab File: VV034093.D
Acq: 09 Feb 2024 05:21

Tgt Ion:	96	Resp:	108876
Ion	Ratio	Lower	Upper
96	100		
61	131.6	90.3	167.7
98	62.9	43.2	80.2





#25

Chloroform

Concen: 2.751 ug/L

RT: 4.281 min Scan# 1008

Delta R.T. 0.000 min

Lab File: VV034093.D

Acq: 09 Feb 2024 05:21

Instrument :

MSVOA_V

ClientSampleId :

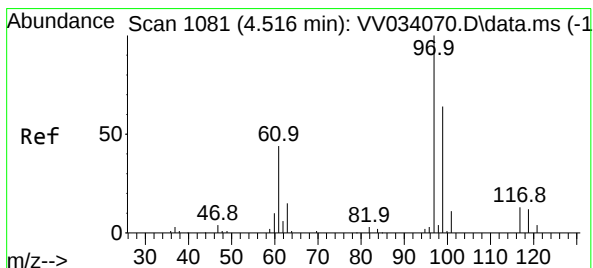
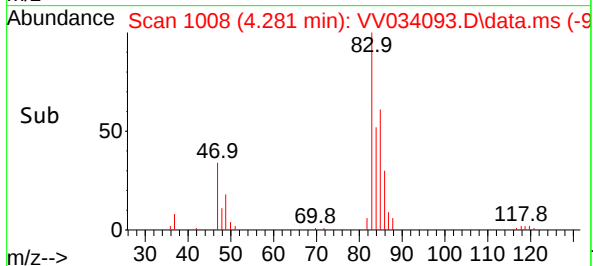
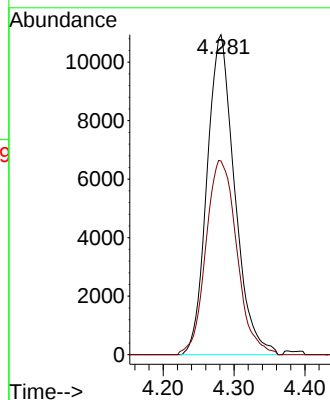
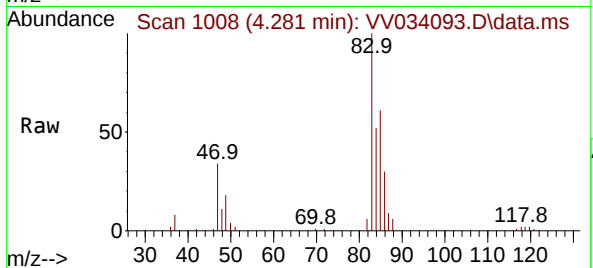
COAE0

Tgt Ion: 83 Resp: 29647

Ion Ratio Lower Upper

83 100

85 60.6 47.5 88.1



#29

1,1,1-Trichloroethane

Concen: 0.954 ug/L

RT: 4.519 min Scan# 1082

Delta R.T. 0.003 min

Lab File: VV034093.D

Acq: 09 Feb 2024 05:21

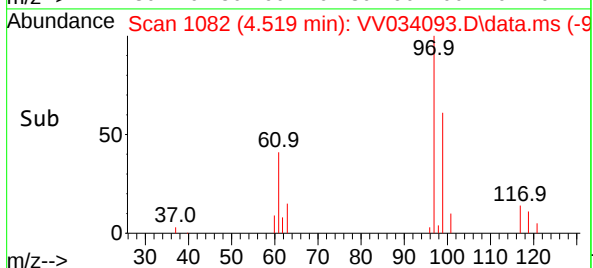
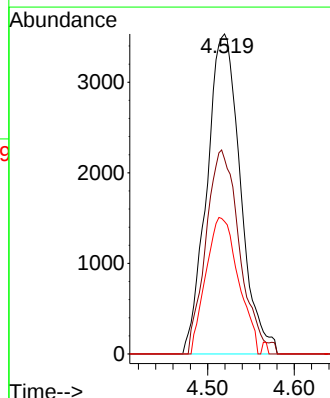
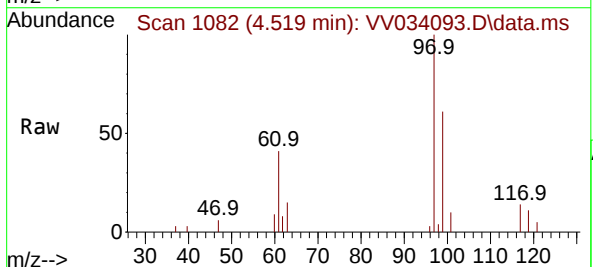
Tgt Ion: 97 Resp: 9507

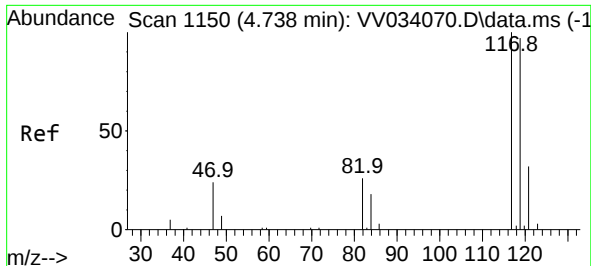
Ion Ratio Lower Upper

97 100

99 64.1 50.6 75.8

61 41.4 36.8 55.2

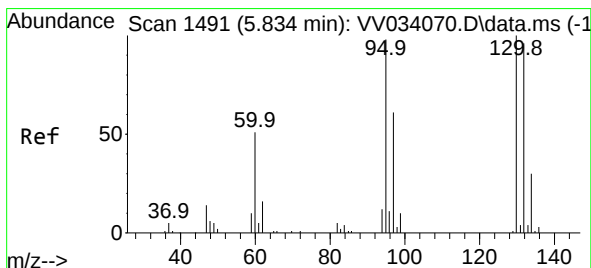
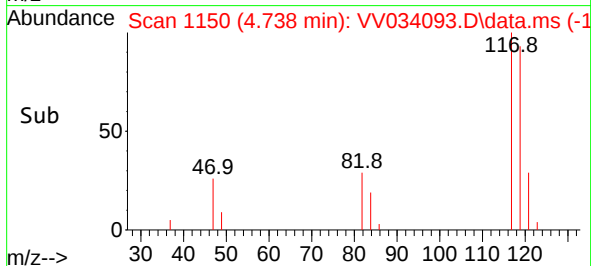
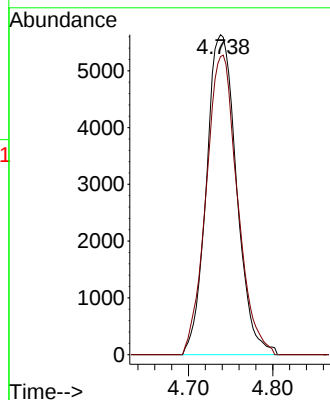
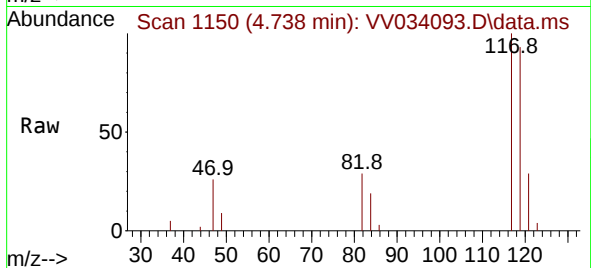




#31
Carbon tetrachloride
Concen: 1.603 ug/L
RT: 4.738 min Scan# 1150
Delta R.T. 0.000 min
Lab File: VV034093.D
Acq: 09 Feb 2024 05:21

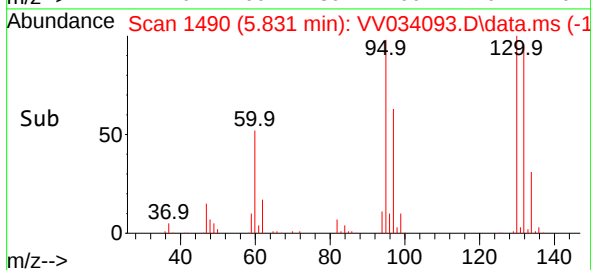
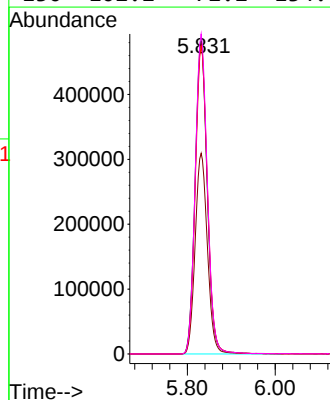
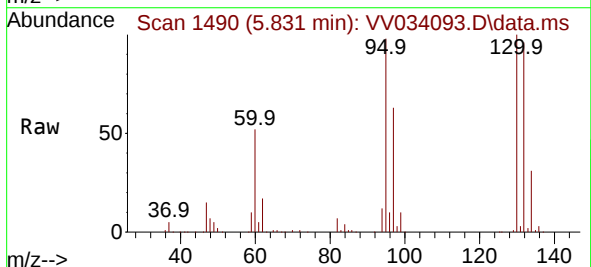
Instrument :
MSVOA_V
ClientSampleId :
COAE0

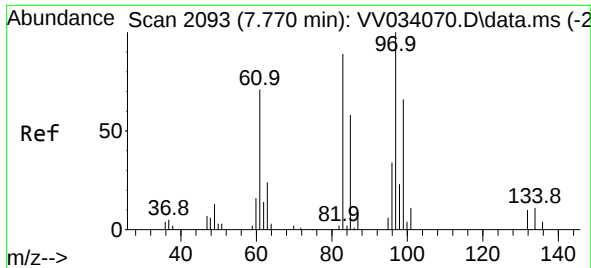
Tgt Ion:117 Resp: 13982
Ion Ratio Lower Upper
117 100
119 97.2 76.1 114.1



#34
Trichloroethene
Concen: 143.833 ug/L
RT: 5.831 min Scan# 1490
Delta R.T. -0.003 min
Lab File: VV034093.D
Acq: 09 Feb 2024 05:21

Tgt Ion: 95 Resp: 927083
Ion Ratio Lower Upper
95 100
97 64.1 45.1 83.7
132 98.5 66.0 122.6
130 102.2 72.2 134.0

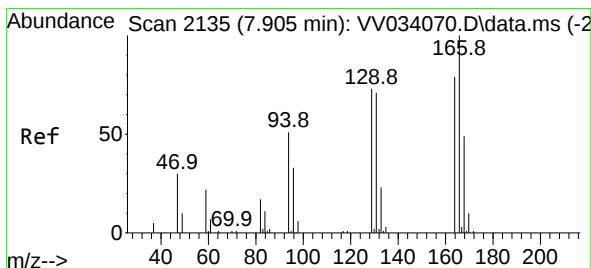
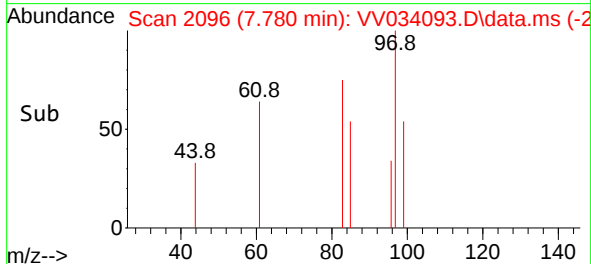
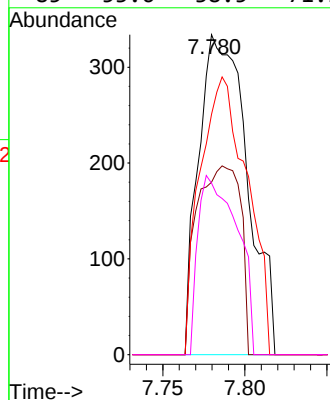
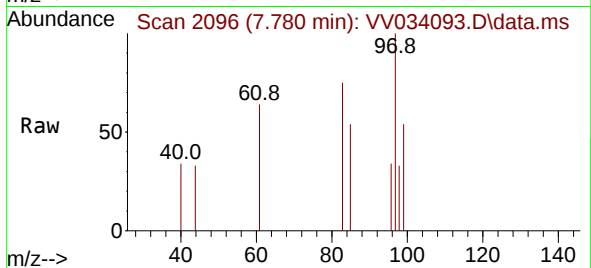




#45
1,1,2-Trichloroethane
Concen: 0.206 ug/L
RT: 7.780 min Scan# 2093
Delta R.T. 0.010 min
Lab File: VV034093.D
Acq: 09 Feb 2024 05:21

Instrument :
MSVOA_V
ClientSampleId :
C0AE0

Tgt Ion: 97	Resp: 685
Ion Ratio	Lower Upper
97 100	
99 53.9	45.6 84.6
83 75.1	62.3 115.7
85 53.6	38.5 71.5



#47
Tetrachloroethene
Concen: 25.498 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.000 min
Lab File: VV034093.D
Acq: 09 Feb 2024 05:21

Tgt	Ion:164	Resp:	133540
Ion	Ratio	Lower	Upper
164	100		
129	87.3	67.8	125.8
131	85.6	63.0	117.0
166	125.2	92.6	172.0

