

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100623\
 Data File : VV032307.D
 Acq On : 06 Oct 2023 17:31
 Operator : SY/MD
 Sample : 04748-28DL 4X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 07 05:08:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 07 05:00:49 2023
 Response via : Initial Calibration

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

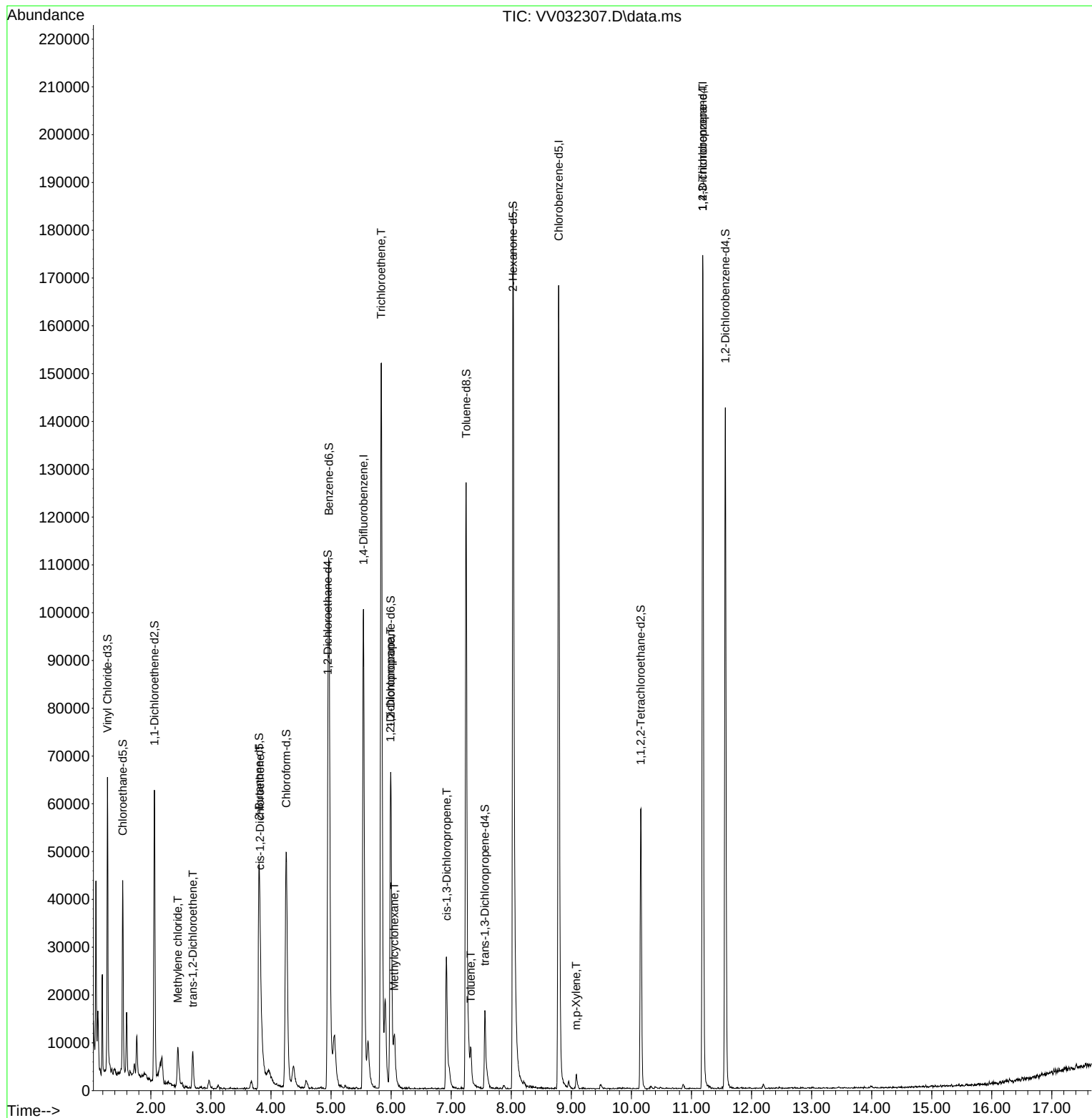
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	86221	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	97492	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	45995	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	25550	3.644	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.800%
7) Chloroethane-d5	1.532	69	25273	4.440	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.800%
11) 1,1-Dichloroethene-d2	2.060	65	10048	3.398	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.000%
20) 2-Butanone-d5	3.802	46	83532	47.090	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.180%
24) Chloroform-d	4.253	84	54228	4.384	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
26) 1,2-Dichloroethane-d4	4.947	65	27229	4.647	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
32) Benzene-d6	4.963	84	101456	3.537	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	70.800%
36) 1,2-Dichloropropane-d6	5.992	67	34048	3.582	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	71.600%
41) Toluene-d8	7.249	98	92961	3.544	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.800%
43) trans-1,3-Dichloroprop...	7.561	79	11649	3.459	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.200%
46) 2-Hexanone-d5	8.031	63	70439	44.450	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.900%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	30840	4.639	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.800%
66) 1,2-Dichlorobenzene-d4	11.564	152	36714	4.302	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.000%
Target Compounds						
					Qvalue	
16) Methylene chloride	2.449	84	3138	0.381	ug/L	88
18) trans-1,2-Dichloroethene	2.700	96	2450	0.338	ug/L	93
22) cis-1,2-Dichloroethene	3.818	96	2071	0.266	ug/L	92
34) Trichloroethene	5.834	95	54143	5.778	ug/L	98
35) Methylcyclohexane	6.053	83	2323	0.160	ug/L #	46
37) 1,2-Dichloropropane	5.989	63	3894	0.424	ug/L #	87
39) cis-1,3-Dichloropropene	6.924	75	822	0.063	ug/L #	64
42) Toluene	7.326	91	5520	0.151	ug/L	87
53) m,p-Xylene	9.082	106	972	0.064	ug/L	97
61) 1,2,3-Trichloropropane	11.188	75	5989	1.223	ug/L #	67

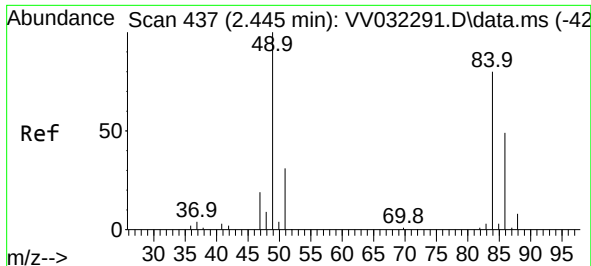
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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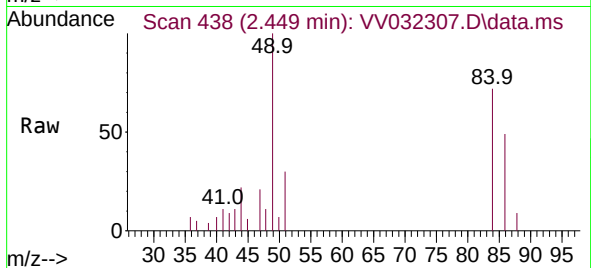
Quant Time: Oct 07 05:08:08 2023
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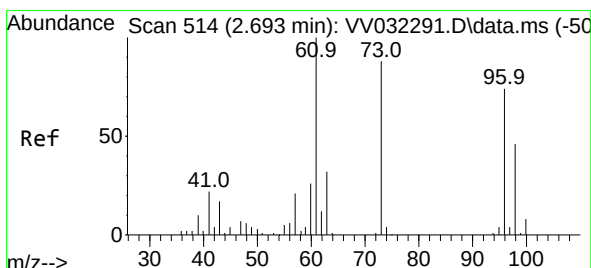
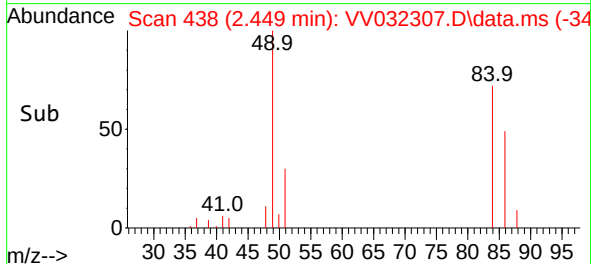
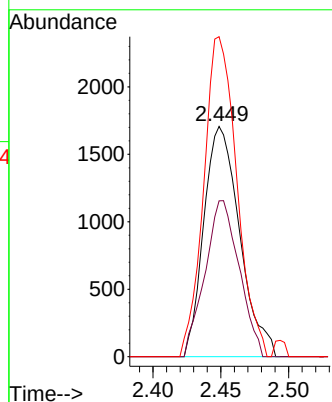
#16
Methylene chloride
Concen: 0.381 ug/L
RT: 2.449 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV032307.D
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Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 84 Resp: 3138

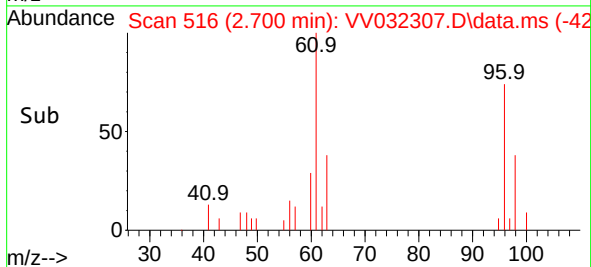
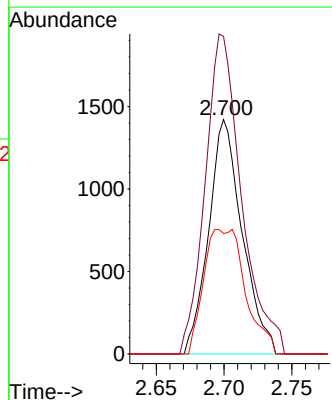
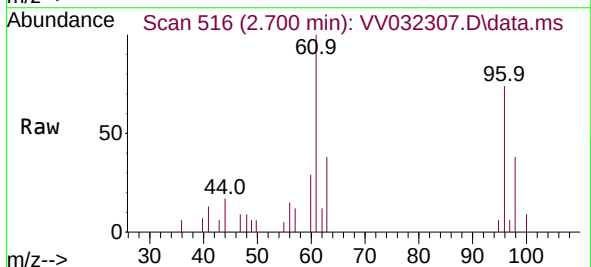
Ion	Ratio	Lower	Upper
84	100		
86	67.7	43.2	80.2
49	139.0	86.3	160.3

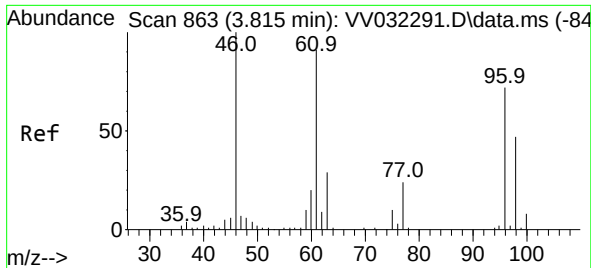


#18
trans-1,2-Dichloroethene
Concen: 0.338 ug/L
RT: 2.700 min Scan# 516
Delta R.T. 0.006 min
Lab File: VV032307.D
Acq: 06 Oct 2023 17:31

Tgt Ion: 96 Resp: 2450

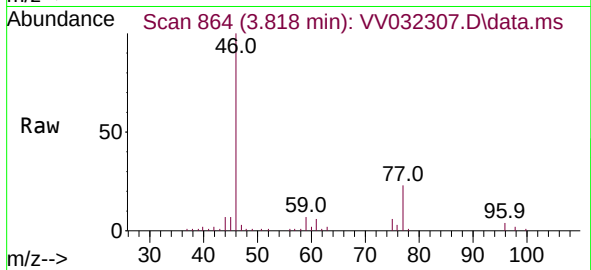
Ion	Ratio	Lower	Upper
96	100		
61	135.5	96.9	180.1
98	51.4	45.3	84.1



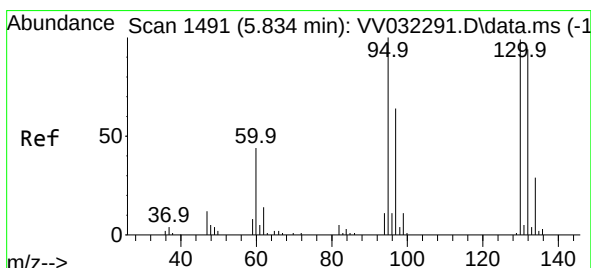
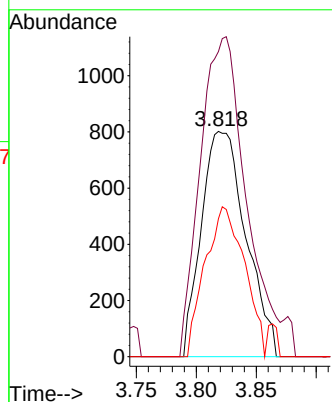
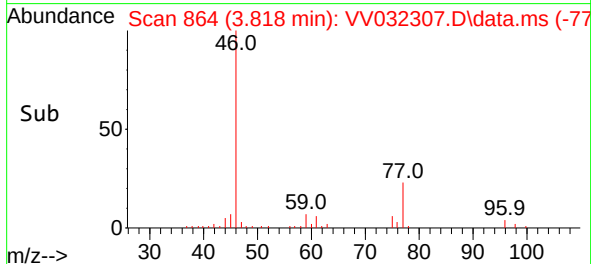


#22
 cis-1,2-Dichloroethene
 Concen: 0.266 ug/L
 RT: 3.818 min Scan# 863
 Delta R.T. 0.003 min
 Lab File: VV032307.D
 Acq: 06 Oct 2023 17:31

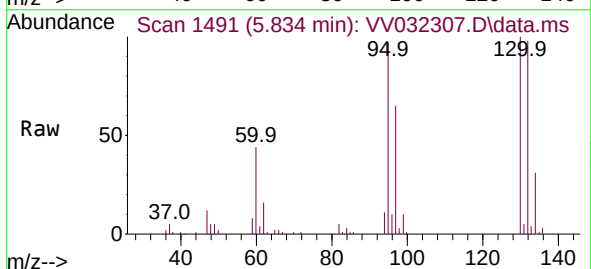
Instrument :
 MSVOA_V
 ClientSampleId :



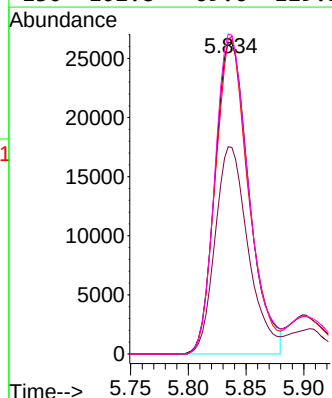
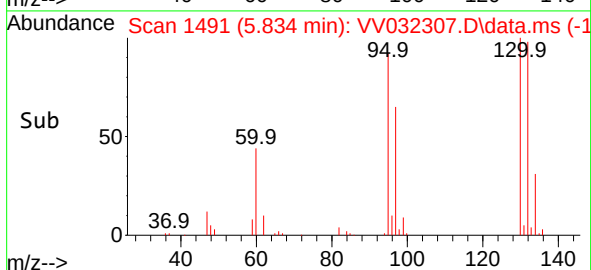
Tgt Ion: 96 Resp: 2071
 Ion Ratio Lower Upper
 96 100
 61 135.4 85.8 159.4
 98 61.2 44.0 81.6

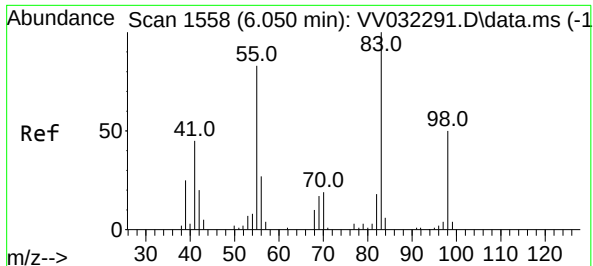


#34
 Trichloroethene
 Concen: 5.778 ug/L
 RT: 5.834 min Scan# 1491
 Delta R.T. 0.000 min
 Lab File: VV032307.D
 Acq: 06 Oct 2023 17:31



Tgt Ion: 95 Resp: 54143
 Ion Ratio Lower Upper
 95 100
 97 66.6 45.7 84.9
 132 101.1 70.3 130.5
 130 102.8 69.6 129.2





#35

Methylcyclohexane

Concen: 0.160 ug/L

RT: 6.053 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV032307.D

Acq: 06 Oct 2023 17:31

Instrument :

MSVOA_V

ClientSampleId :

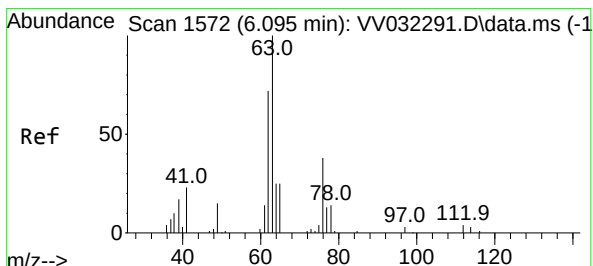
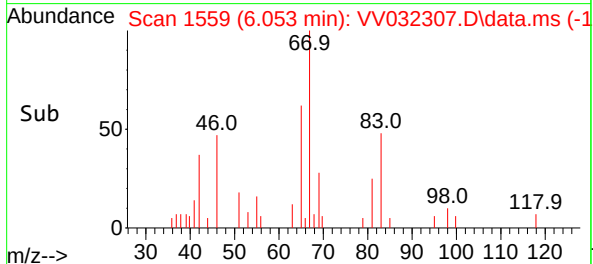
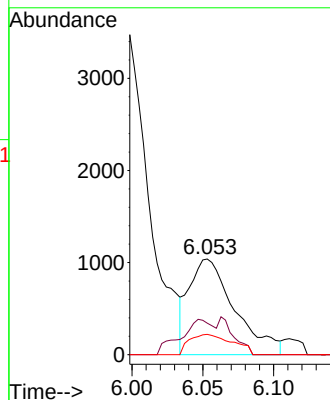
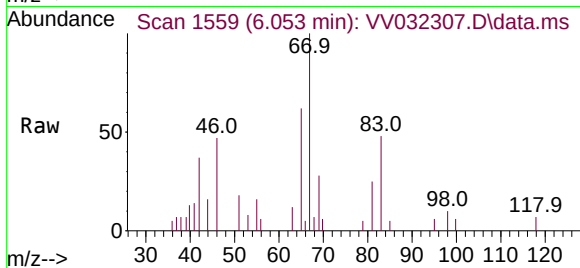
Tgt Ion: 83 Resp: 2323

Ion Ratio Lower Upper

83 100

55 27.0 64.2 96.2#

98 20.1 39.6 59.4#



#37

1,2-Dichloropropane

Concen: 0.424 ug/L

RT: 5.989 min Scan# 1539

Delta R.T. -0.106 min

Lab File: VV032307.D

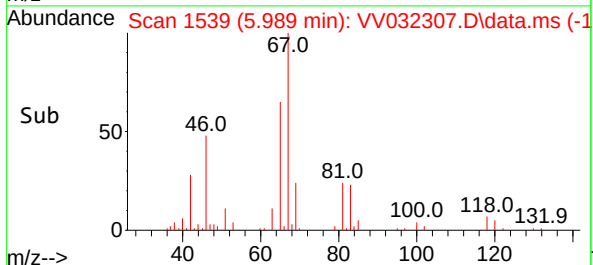
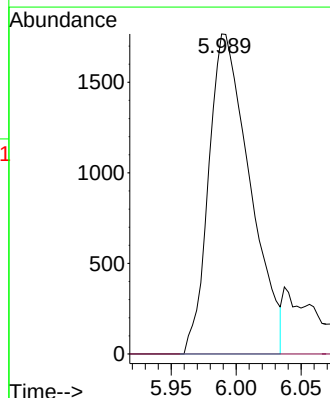
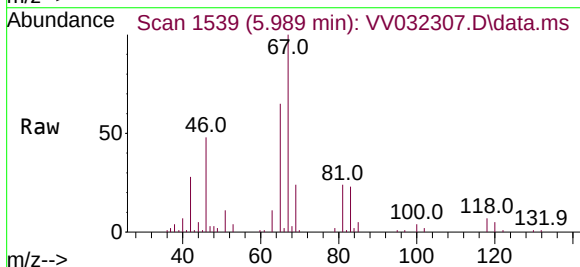
Acq: 06 Oct 2023 17:31

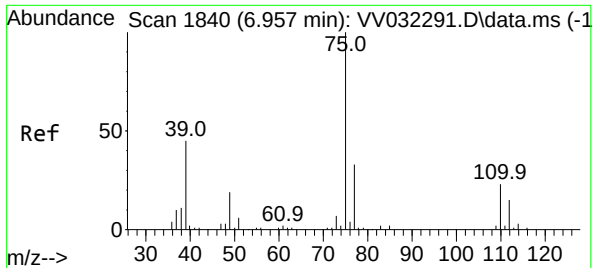
Tgt Ion: 63 Resp: 3894

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#





#39

cis-1,3-Dichloropropene

Concen: 0.063 ug/L

RT: 6.924 min Scan# 1830

Delta R.T. -0.032 min

Lab File: VV032307.D

Acq: 06 Oct 2023 17:31

Instrument :

MSVOA_V

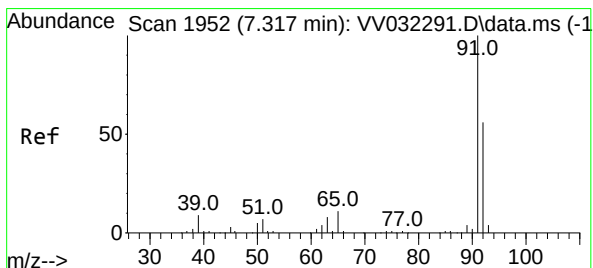
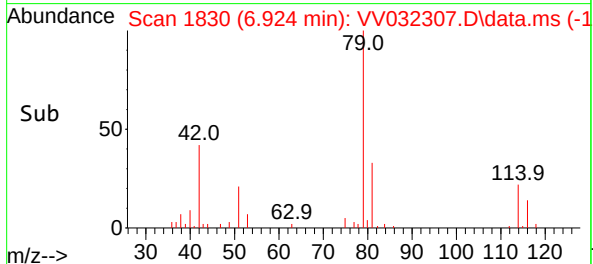
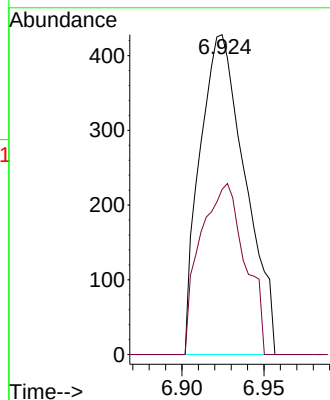
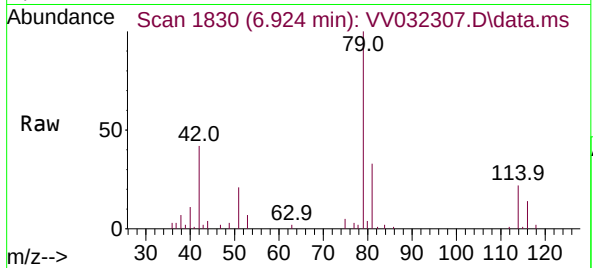
ClientSampleId :

Tgt Ion: 75 Resp: 822

Ion Ratio Lower Upper

75 100

77 51.6 22.2 41.2#



#42

Toluene

Concen: 0.151 ug/L

RT: 7.326 min Scan# 1955

Delta R.T. 0.010 min

Lab File: VV032307.D

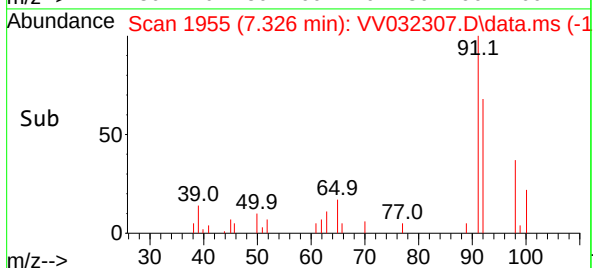
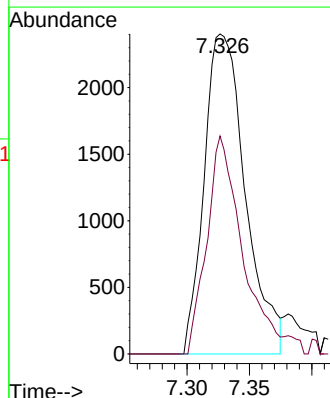
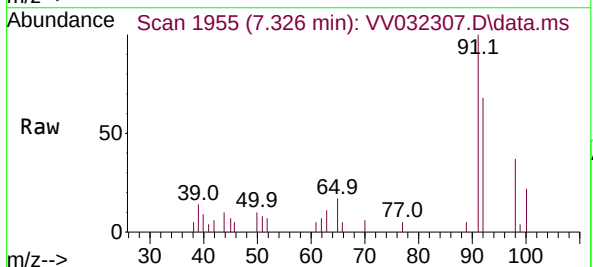
Acq: 06 Oct 2023 17:31

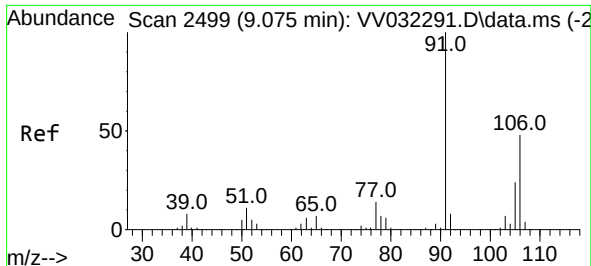
Tgt Ion: 91 Resp: 5520

Ion Ratio Lower Upper

91 100

92 68.1 40.8 75.8

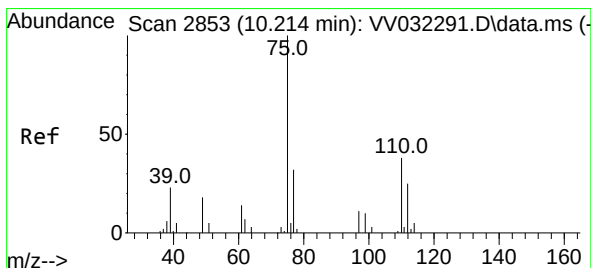
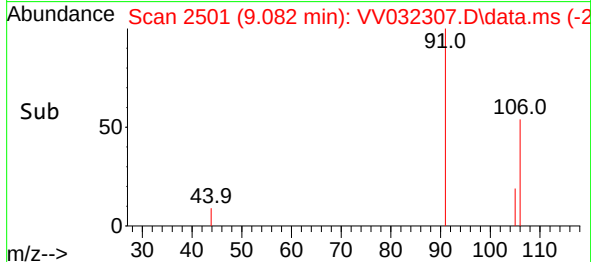
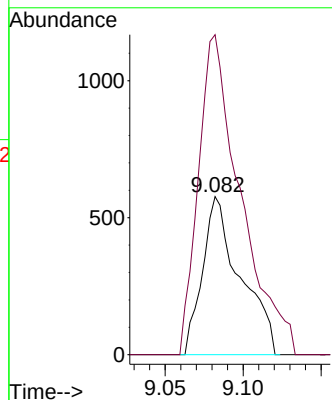
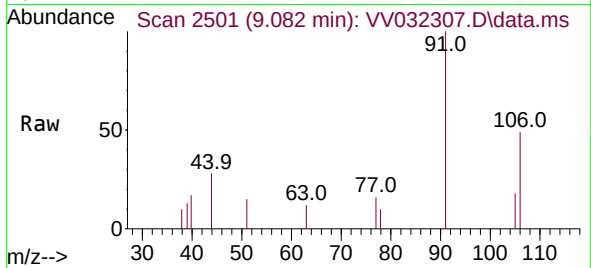




#53
m,p-Xylene
Concen: 0.064 ug/L
RT: 9.082 min Scan# 21
Delta R.T. 0.007 min
Lab File: VV032307.D
Acq: 06 Oct 2023 17:31

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:106 Resp: 972
Ion Ratio Lower Upper
106 100
91 202.4 144.5 268.3



#61
1,2,3-Trichloropropane
Concen: 1.223 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.974 min
Lab File: VV032307.D
Acq: 06 Oct 2023 17:31

Tgt Ion: 75 Resp: 5989
Ion Ratio Lower Upper
75 100
77 32.7 26.2 39.2
110 1.5 30.6 46.0#

