

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090122\
 Data File : VV027723.D
 Acq On : 02 Sep 2022 15:22
 Operator : SY/MD
 Sample : N4404-16
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBVD2

Quant Time: Sep 03 05:33:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 03 05:30:57 2022
 Response via : Initial Calibration

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

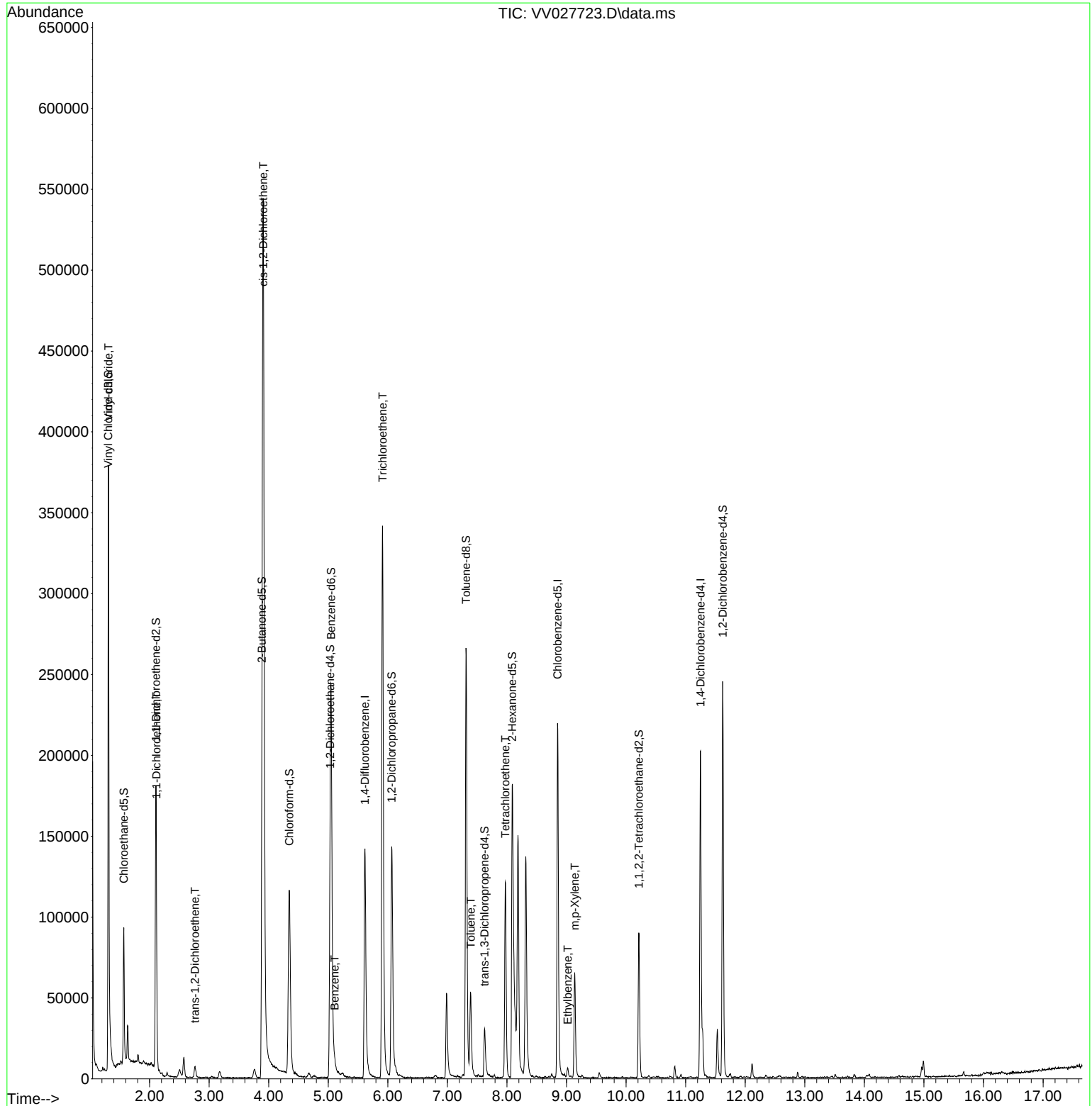
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	125944	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	122927	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	54682	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	55325	4.044	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.800%
7) Chloroethane-d5	1.568	69	55088	4.812	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.200%
11) 1,1-Dichloroethene-d2	2.108	63	92753	3.464	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.200%
20) 2-Butanone-d5	3.886	46	60441	26.128	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	52.260%
24) Chloroform-d	4.346	84	121467	4.422	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
26) 1,2-Dichloroethane-d4	5.030	65	57600	4.681	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
32) Benzene-d6	5.046	84	227712	4.522	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
36) 1,2-Dichloropropane-d6	6.066	67	67246	4.318	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.400%
41) Toluene-d8	7.313	98	183110	4.199	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.000%
43) trans-1,3-Dichloroprop...	7.622	79	18431	3.841	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.800%
46) 2-Hexanone-d5	8.088	63	78206	43.343	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.680%
56) 1,1,2,2-Tetrachloroeth...	10.213	84	43418	4.332	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	62450	5.101	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.000%
Target Compounds						Qvalue
5) Vinyl chloride	1.310	62	219547	14.034	ug/L	98
12) 1,1-Dichloroethene	2.114	96	4859	0.462	ug/L #	1
18) trans-1,2-Dichloroethene	2.760	96	1298	0.109	ug/L	97
22) cis-1,2-Dichloroethene	3.908	96	301056	25.315	ug/L	91
33) Benzene	5.104	78	5934	0.124	ug/L	100
34) Trichloroethene	5.911	95	121826	10.336	ug/L	99
42) Toluene	7.390	91	40433	0.845	ug/L	100
47) Tetrachloroethene	7.972	164	27823	2.912	ug/L	96
52) Ethylbenzene	9.021	91	4177	0.086	ug/L	87
53) m,p-Xylene	9.140	106	18517	0.993	ug/L	98

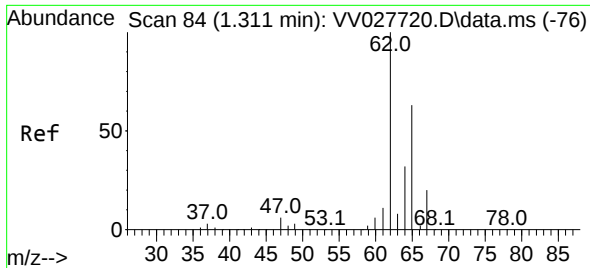
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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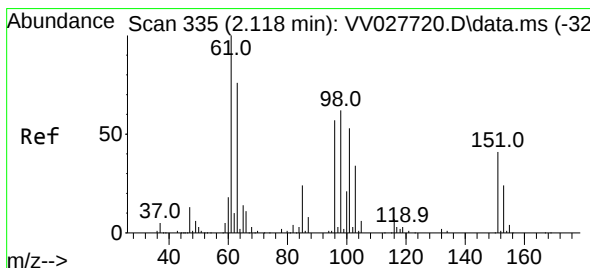
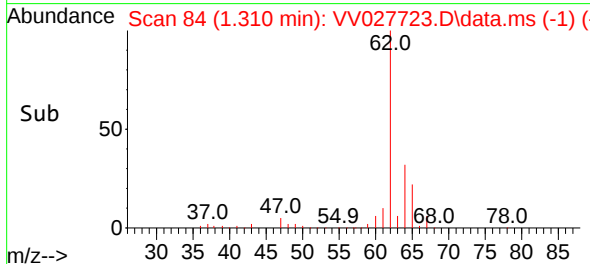
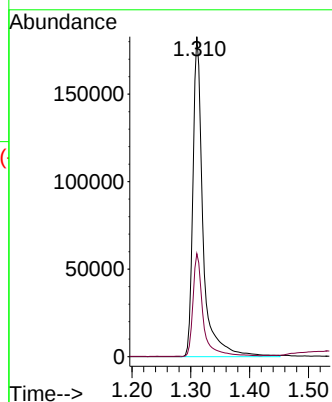
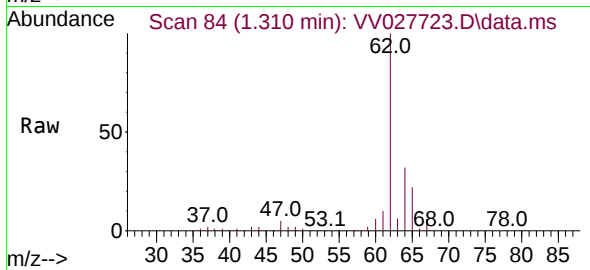




#5
 Vinyl chloride
 Concen: 14.034 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV027723.D
 Acq: 02 Sep 2022 15:22

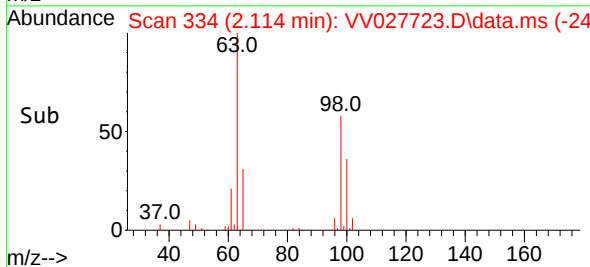
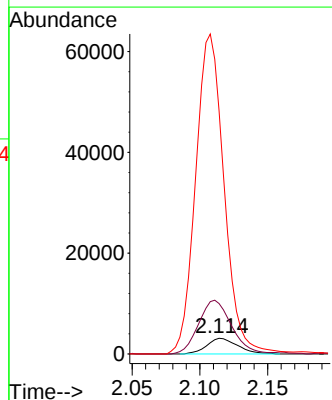
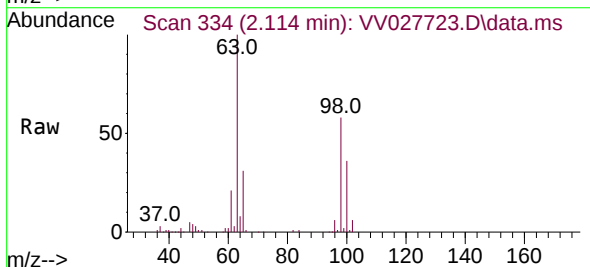
Instrument :
 MSVOA_V
 ClientSampleId :
 DBVD2

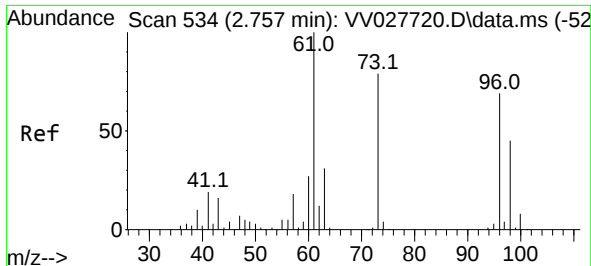
Tgt Ion: 62 Resp: 219547
 Ion Ratio Lower Upper
 62 100
 64 32.2 21.8 40.4



#12
 1,1-Dichloroethene
 Concen: 0.462 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.003 min
 Lab File: VV027723.D
 Acq: 02 Sep 2022 15:22

Tgt Ion: 96 Resp: 4859
 Ion Ratio Lower Upper
 96 100
 61 321.0 134.3 249.3#
 63 1549.4 105.7 196.3#

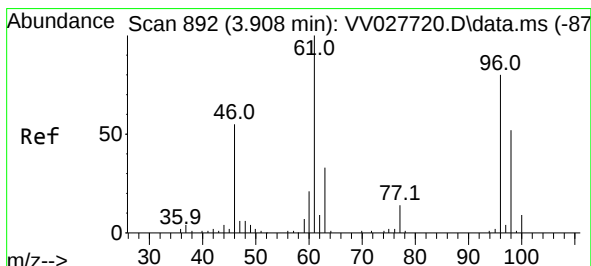
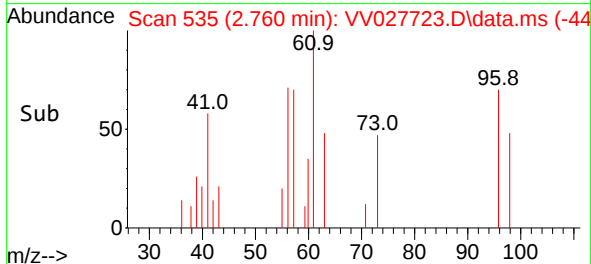
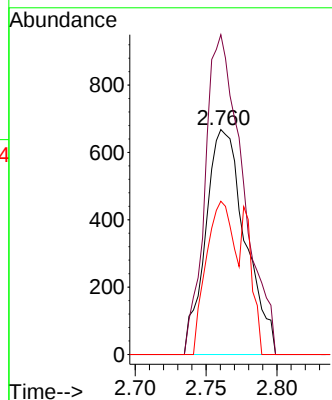
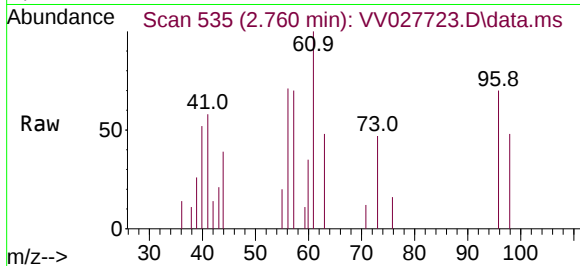




#18
trans-1,2-Dichloroethene
Concen: 0.109 ug/L
RT: 2.760 min Scan# 534
Delta R.T. 0.003 min
Lab File: VV027723.D
Acq: 02 Sep 2022 15:22

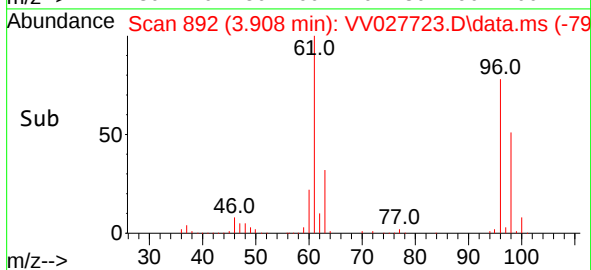
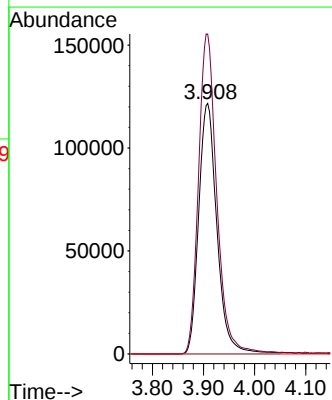
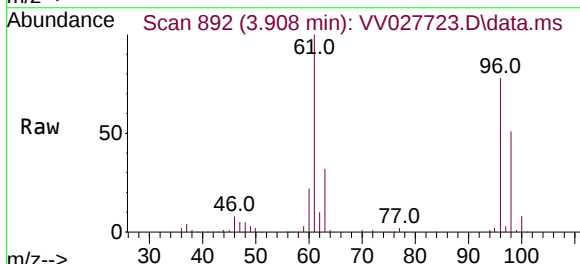
Instrument :
MSVOA_V
ClientSampleId :
DBVD2

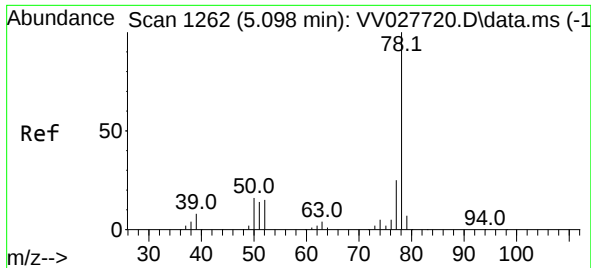
Tgt Ion: 96 Resp: 1298
Ion Ratio Lower Upper
96 100
61 142.2 101.8 189.0
98 68.1 44.9 83.3



#22
cis-1,2-Dichloroethene
Concen: 25.315 ug/L
RT: 3.908 min Scan# 892
Delta R.T. -0.000 min
Lab File: VV027723.D
Acq: 02 Sep 2022 15:22

Tgt Ion: 96 Resp: 301056
Ion Ratio Lower Upper
96 100
61 127.6 96.9 180.1
68 0.0 0.0 0.0

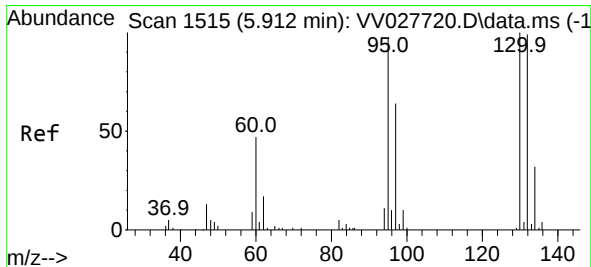
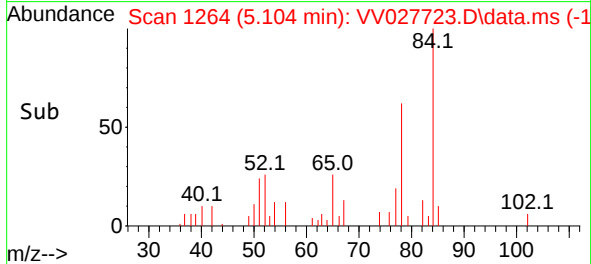
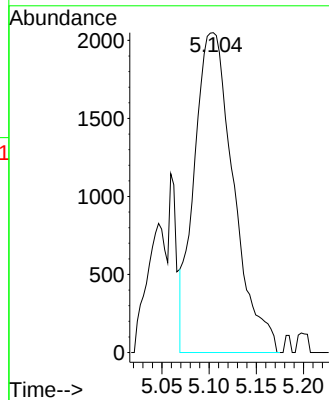
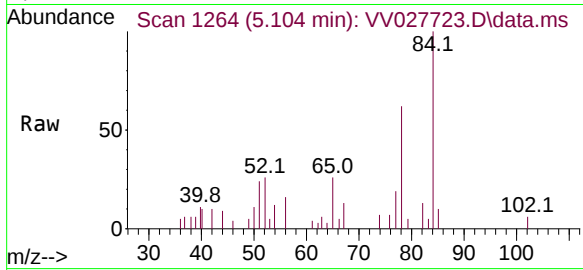




#33
Benzene
Concen: 0.124 ug/L
RT: 5.104 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV027723.D
Acq: 02 Sep 2022 15:22

Instrument :
MSVOA_V
ClientSampleId :
DBVD2

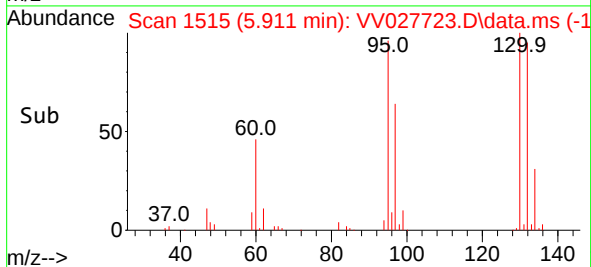
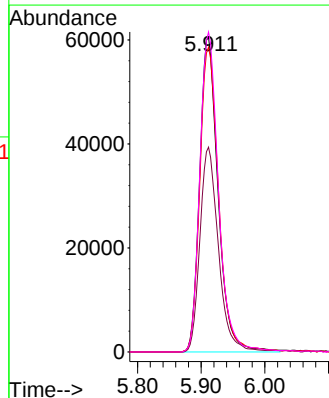
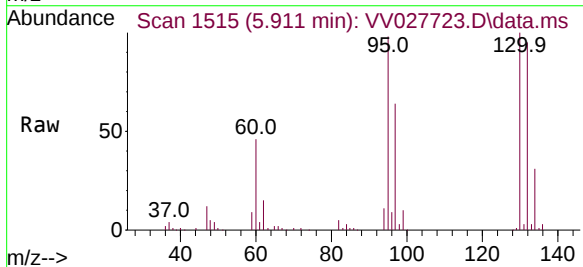
Tgt Ion: 78 Resp: 5934

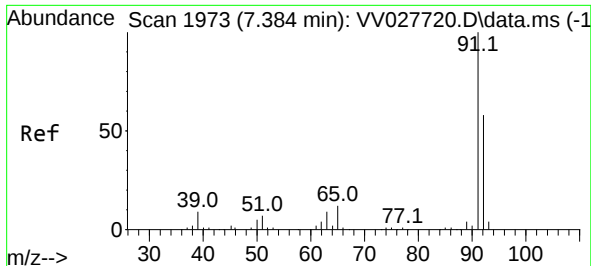


#34
Trichloroethene
Concen: 10.336 ug/L
RT: 5.911 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VV027723.D
Acq: 02 Sep 2022 15:22

Tgt Ion: 95 Resp: 121826

Ion	Ratio	Lower	Upper
95	100		
97	65.1	46.1	85.5
132	96.9	67.3	125.1
130	101.8	71.2	132.2





#42

Toluene

Concen: 0.845 ug/L

RT: 7.390 min Scan# 1973

Delta R.T. 0.006 min

Lab File: VV027723.D

Acq: 02 Sep 2022 15:22

Instrument :

MSVOA_V

ClientSampleId :

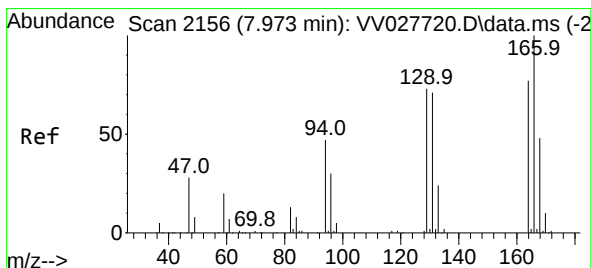
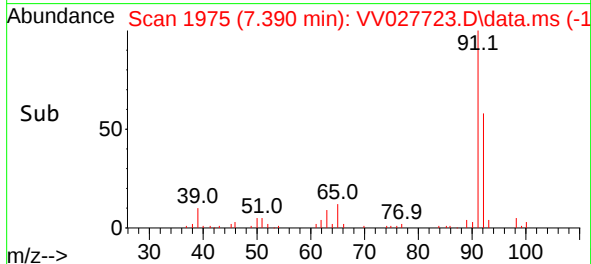
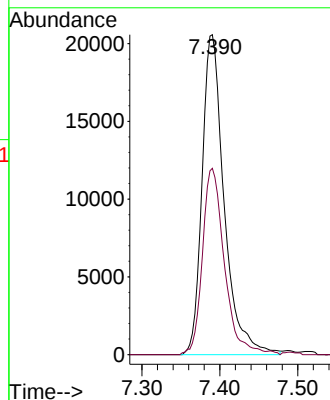
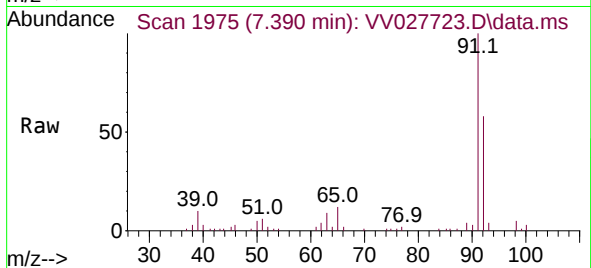
DBVD2

Tgt Ion: 91 Resp: 40433

Ion Ratio Lower Upper

91 100

92 58.2 40.6 75.4



#47

Tetrachloroethene

Concen: 2.912 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. -0.000 min

Lab File: VV027723.D

Acq: 02 Sep 2022 15:22

Tgt Ion: 164 Resp: 27823

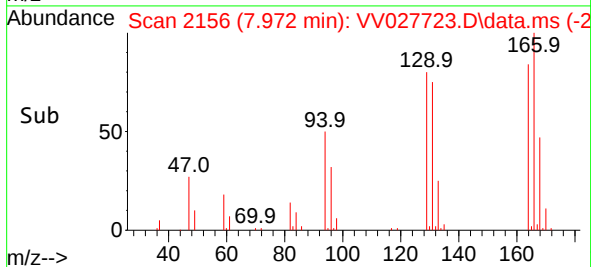
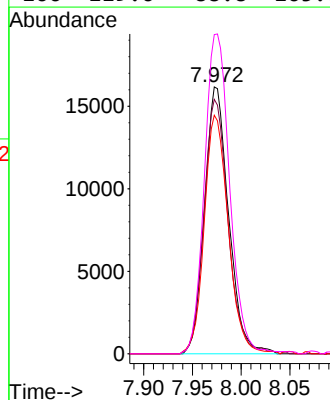
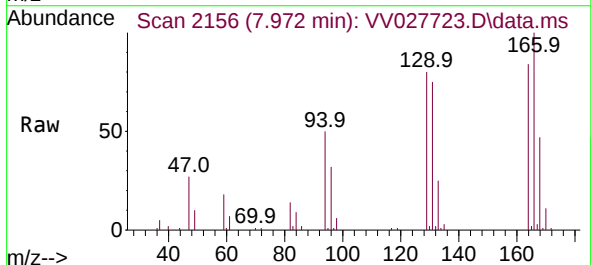
Ion Ratio Lower Upper

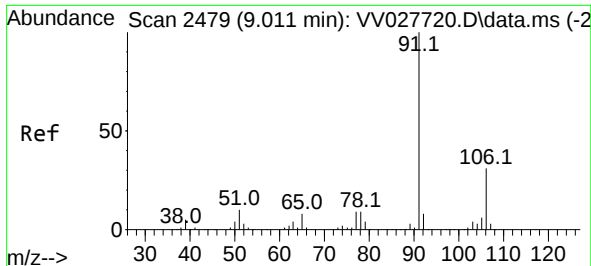
164 100

129 95.3 65.9 122.3

131 89.4 64.5 119.7

166 119.6 88.8 165.0

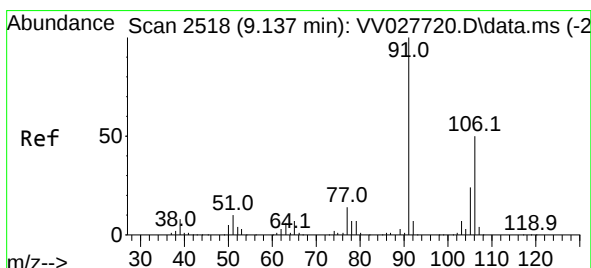
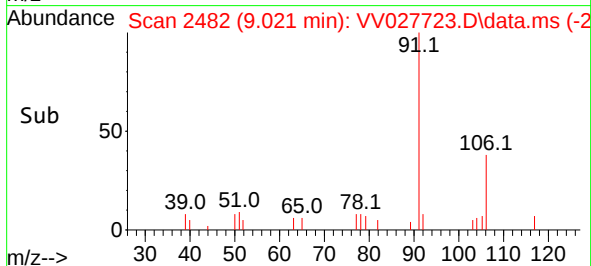
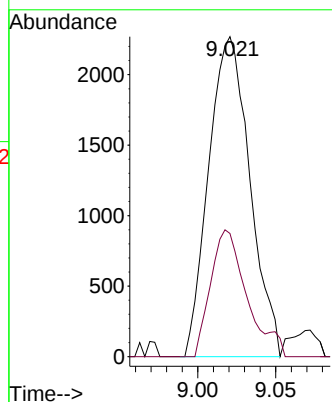
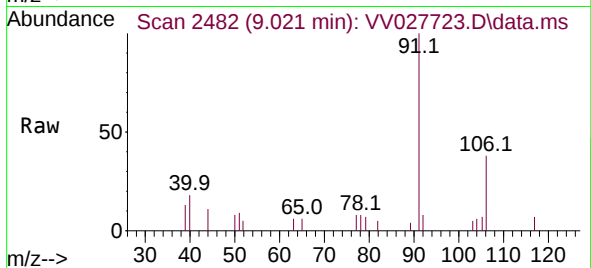




#52
Ethylbenzene
Concen: 0.086 ug/L
RT: 9.021 min Scan# 2479
Delta R.T. 0.009 min
Lab File: VV027723.D
Acq: 02 Sep 2022 15:22

Instrument :
MSVOA_V
ClientSampleId :
DBVD2

Tgt Ion: 91 Resp: 4177
Ion Ratio Lower Upper
91 100
106 38.5 21.9 40.7



#53
m,p-Xylene
Concen: 0.993 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV027723.D
Acq: 02 Sep 2022 15:22

Tgt Ion: 106 Resp: 18517
Ion Ratio Lower Upper
106 100
91 206.9 147.3 273.5

