

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082922\
 Data File : VV027571.D
 Acq On : 29 Aug 2022 18:48
 Operator : SY/MD
 Sample : N4402-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBVA9

Quant Time: Aug 30 04:20:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 27 03:12:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	124756	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	121942	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	53500	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	46326	5.218	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.400%
7) Chloroethane-d5	1.564	69	36587	5.630	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.600%
11) 1,1-Dichloroethene-d2	2.166	63	4136	0.200	ug/L	0.06
Spiked Amount	5.000	Range	60 - 125	Recovery	=	4.000%#
20) 2-Butanone-d5	3.892	46	56380	51.024	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.040%
24) Chloroform-d	4.346	84	76458	4.307	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.200%
26) 1,2-Dichloroethane-d4	5.034	65	36870	4.800	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
32) Benzene-d6	5.047	84	140789	4.168	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.400%
36) 1,2-Dichloropropane-d6	6.069	67	40516	4.126	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.600%
41) Toluene-d8	7.317	98	111726	3.663	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.200%
43) trans-1,3-Dichloroprop...	7.625	79	8752	2.603	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	52.000%#
46) 2-Hexanone-d5	8.088	63	43592	39.386	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.780%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	38045	6.084	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	121.600%#
66) 1,2-Dichlorobenzene-d4	11.622	152	40385	5.092	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.236	50	696	0.060	ug/L	93
5) Vinyl chloride	1.310	62	50071	4.303	ug/L	94
8) Chloroethane	1.468	64	32331	4.754	ug/L #	50
12) 1,1-Dichloroethene	2.111	96	1072	0.114	ug/L #	1
14) Carbon disulfide	2.291	76	3067	0.118	ug/L	95
18) trans-1,2-Dichloroethene	2.767	96	345	0.035	ug/L	72
22) cis-1,2-Dichloroethene	3.912	96	29936	2.889	ug/L	94
27) 1,2-Dichloroethane	5.056	62	796	0.072	ug/L #	74
33) Benzene	5.101	78	4017	0.099	ug/L	100
34) Trichloroethene	5.924	95	3283	0.308	ug/L	83
35) Methylcyclohexane	6.069	83	10894	0.726	ug/L #	15
47) Tetrachloroethene	7.976	164	843	0.101	ug/L	90
49) Dibromochloromethane	7.979	129	760	0.089	ug/L #	9
52) Ethylbenzene	9.021	91	2551	0.060	ug/L	99
53) m,p-Xylene	9.143	106	6683	0.409	ug/L	83
61) 1,2,3-Trichloropropane	11.246	75	5729	1.221	ug/L #	66
68) 1,2-Dibromo-3-chloropr...	12.580	75	4986	4.782	ug/L #	4

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Aug 27 03:12:26 2022
Response via : Initial Calibration

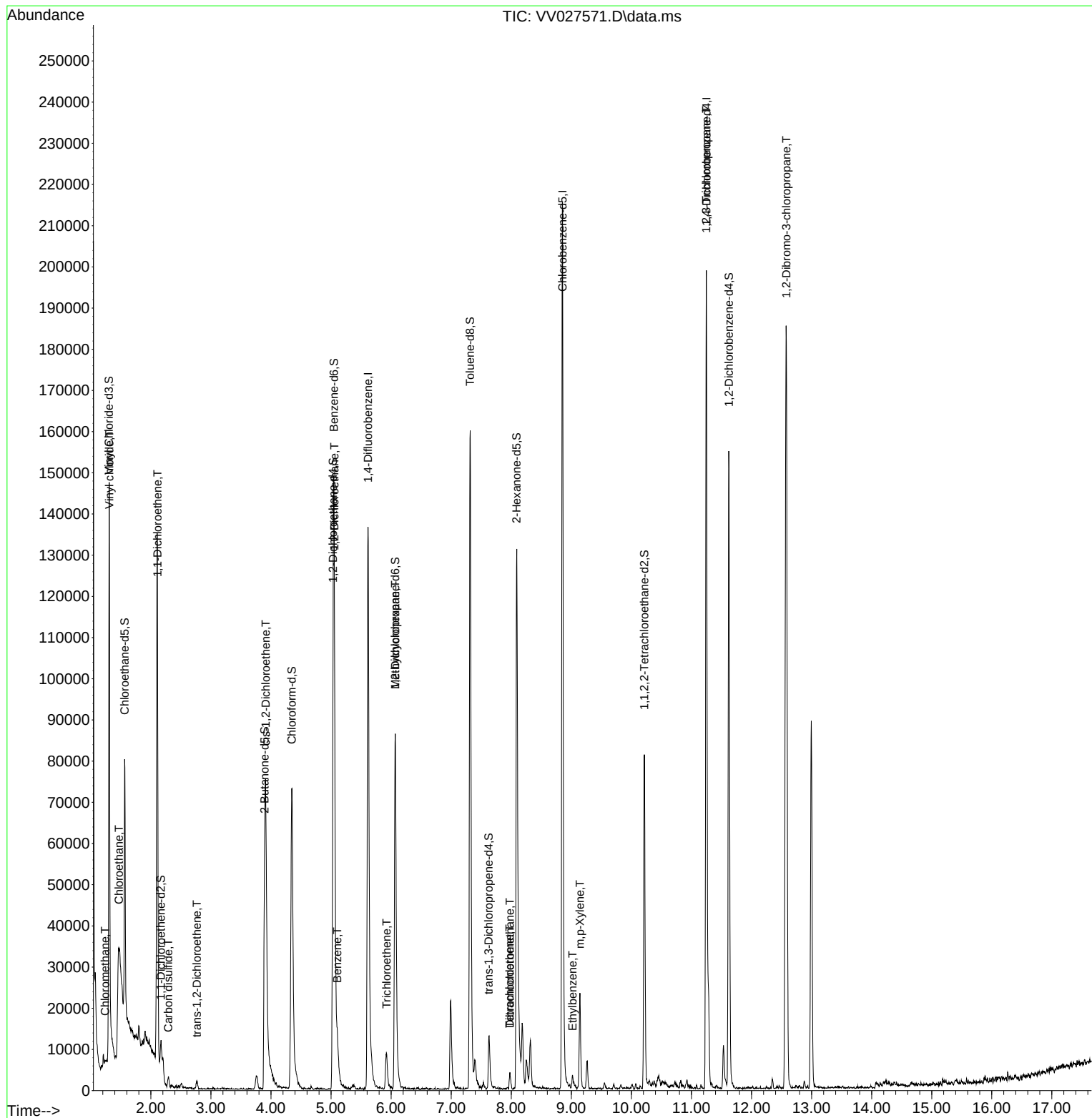
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

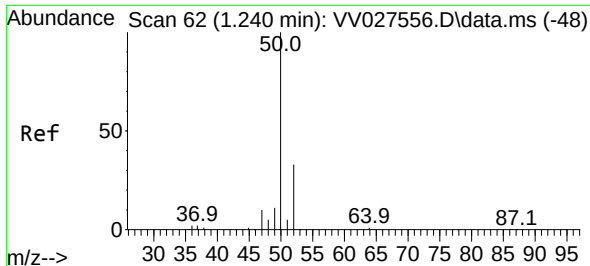
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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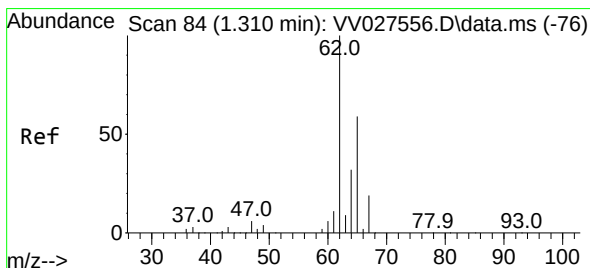
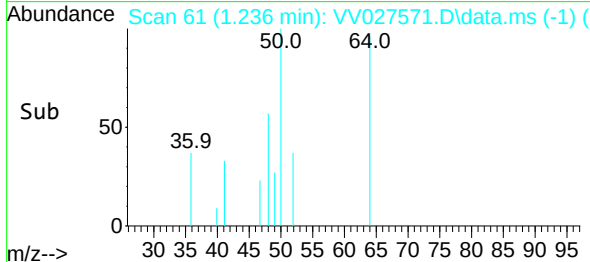
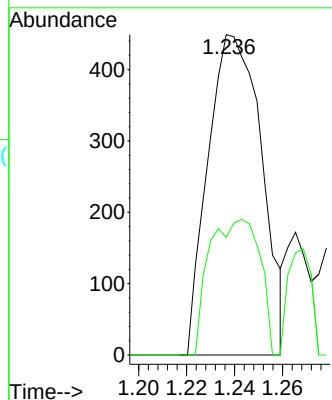
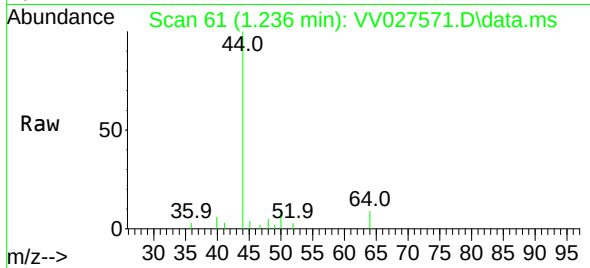




#3
Chloromethane
Concen: 0.060 ug/L
RT: 1.236 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV027571.D
Acq: 29 Aug 2022 18:48

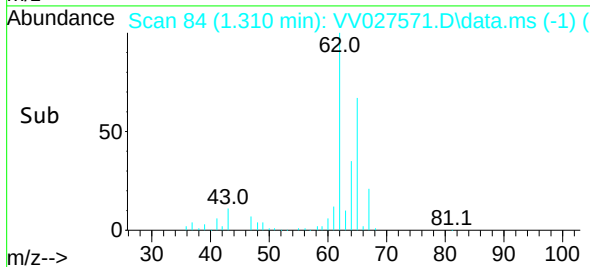
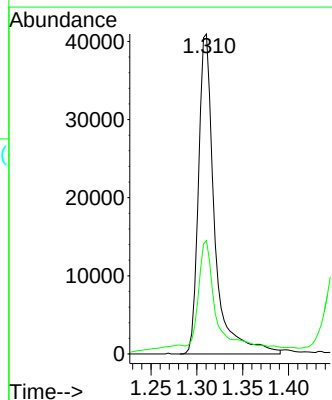
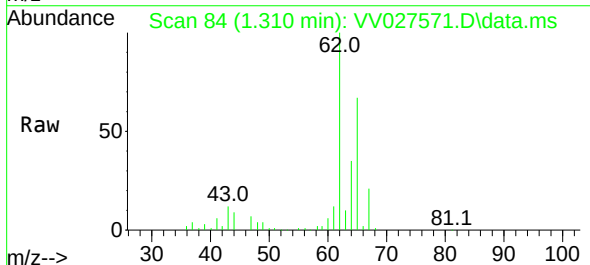
Instrument :
MSVOA_V
ClientSampleId :
DBVA9

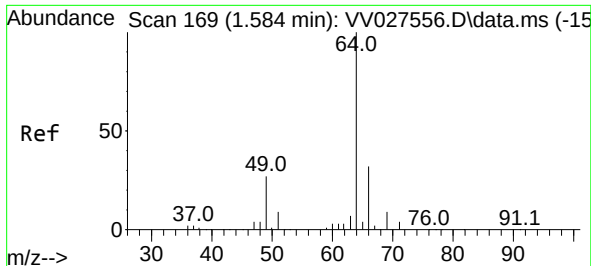
Tgt Ion: 50 Resp: 696
Ion Ratio Lower Upper
50 100
52 36.7 22.8 42.4



#5
Vinyl chloride
Concen: 4.303 ug/L
RT: 1.310 min Scan# 84
Delta R.T. 0.003 min
Lab File: VV027571.D
Acq: 29 Aug 2022 18:48

Tgt Ion: 62 Resp: 50071
Ion Ratio Lower Upper
62 100
64 35.5 22.6 42.0

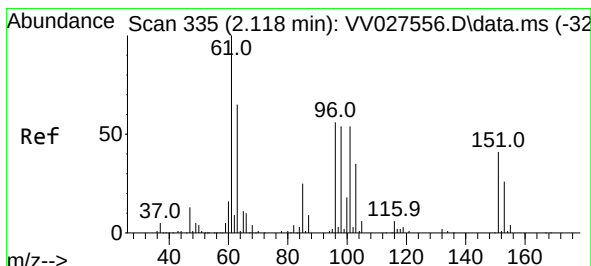
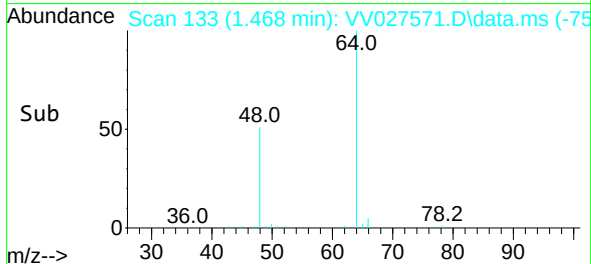
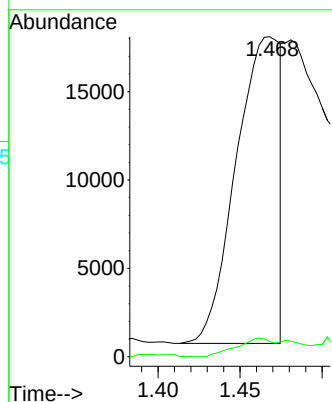
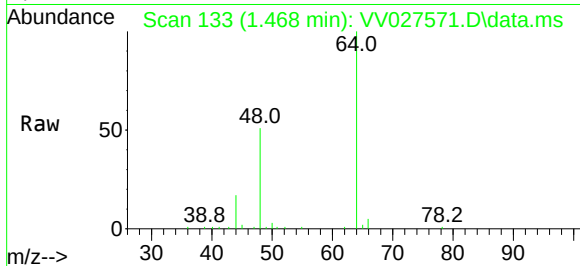




#8
Chloroethane
Concen: 4.754 ug/L
RT: 1.468 min Scan# 11
Delta R.T. -0.113 min
Lab File: VV027571.D
Acq: 29 Aug 2022 18:48

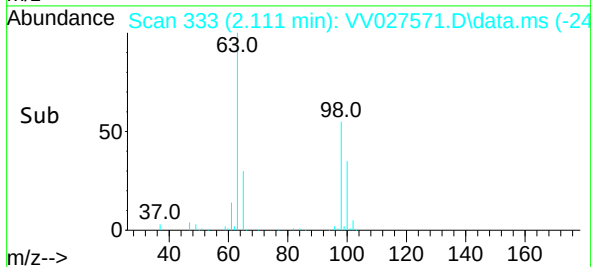
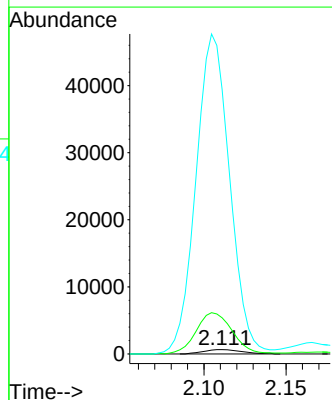
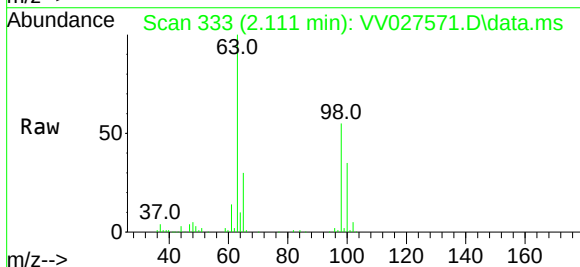
Instrument :
MSVOA_V
ClientSampleId :
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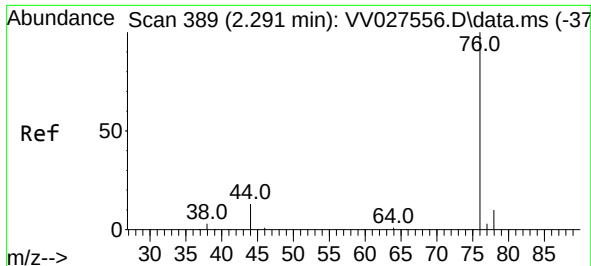
Tgt Ion: 64 Resp: 32331
Ion Ratio Lower Upper
64 100
66 4.8 23.3 43.3#



#12
1,1-Dichloroethene
Concen: 0.114 ug/L
RT: 2.111 min Scan# 333
Delta R.T. 0.000 min
Lab File: VV027571.D
Acq: 29 Aug 2022 18:48

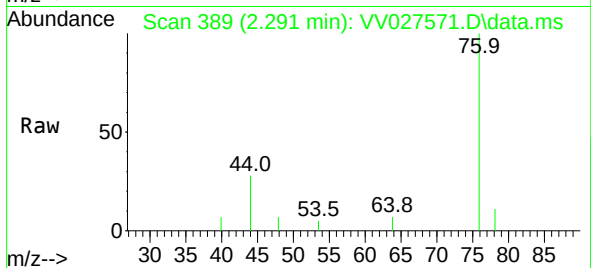
Tgt Ion: 96 Resp: 1072
Ion Ratio Lower Upper
96 100
61 826.8 130.2 241.8#
63 6038.6 87.4 162.4#



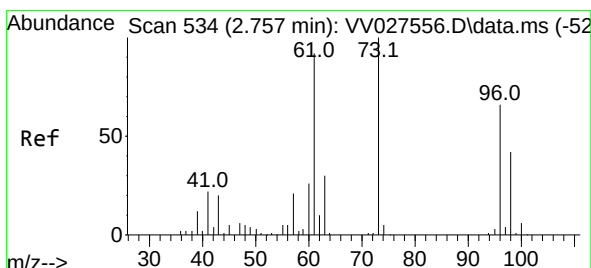
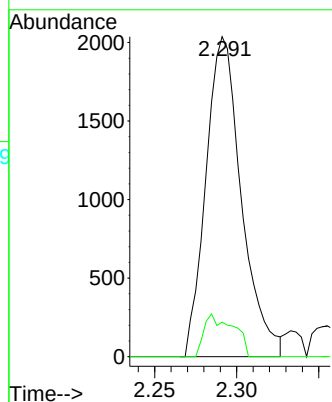
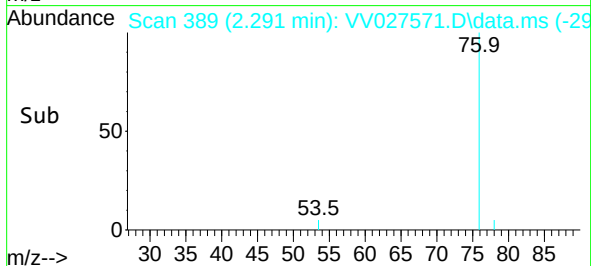


#14
Carbon disulfide
Concen: 0.118 ug/L
RT: 2.291 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV027571.D
Acq: 29 Aug 2022 18:48

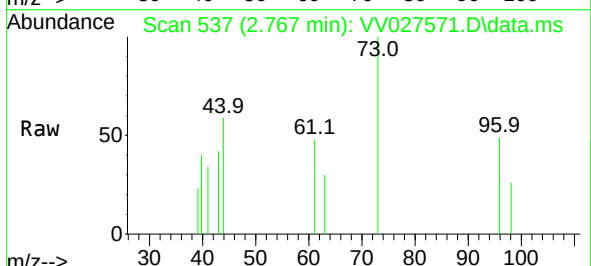
Instrument :
MSVOA_V
ClientSampleId :
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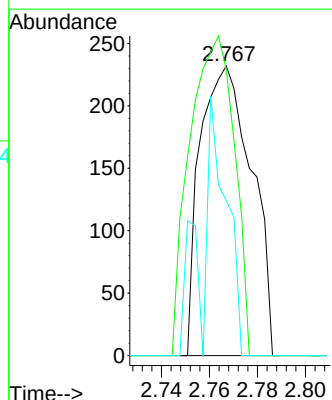
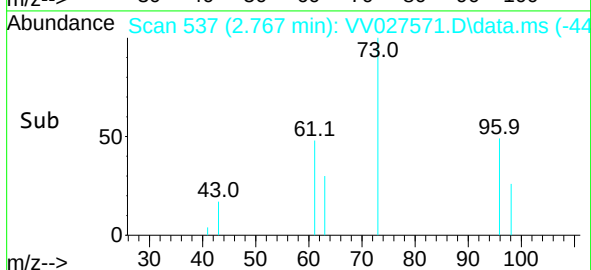
Tgt Ion: 76 Resp: 3067
Ion Ratio Lower Upper
76 100
78 10.8 7.3 10.9

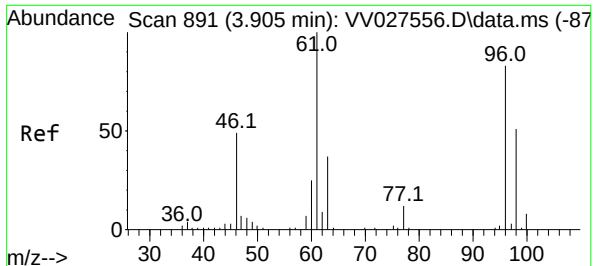


#18
trans-1,2-Dichloroethene
Concen: 0.035 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.013 min
Lab File: VV027571.D
Acq: 29 Aug 2022 18:48



Tgt Ion: 96 Resp: 345
Ion Ratio Lower Upper
96 100
61 98.7 97.6 181.4
98 53.4 45.9 85.3





#22

cis-1,2-Dichloroethene

Concen: 2.889 ug/L

RT: 3.912 min Scan# 891

Delta R.T. 0.006 min

Lab File: VV027571.D

Acq: 29 Aug 2022 18:48

Instrument :

MSVOA_V

ClientSampleId :

DBVA9

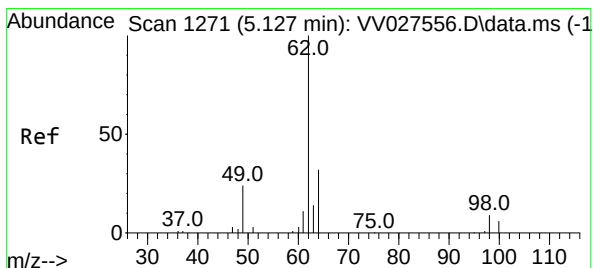
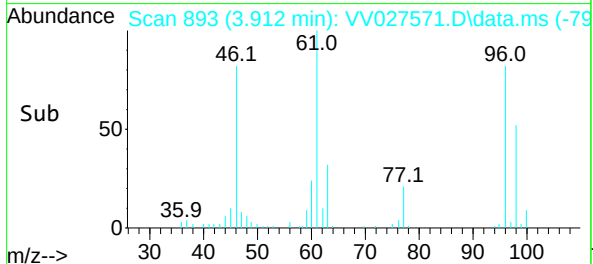
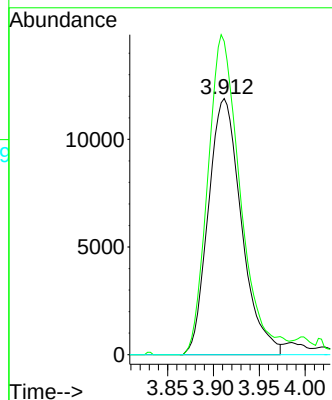
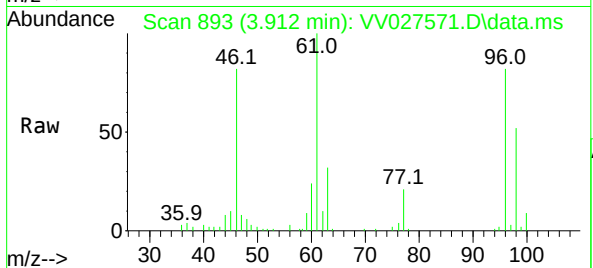
Tgt Ion: 96 Resp: 29936

Ion Ratio Lower Upper

96 100

61 122.3 90.6 168.2

68 0.0 0.0 0.0



#27

1,2-Dichloroethane

Concen: 0.072 ug/L

RT: 5.056 min Scan# 1249

Delta R.T. -0.067 min

Lab File: VV027571.D

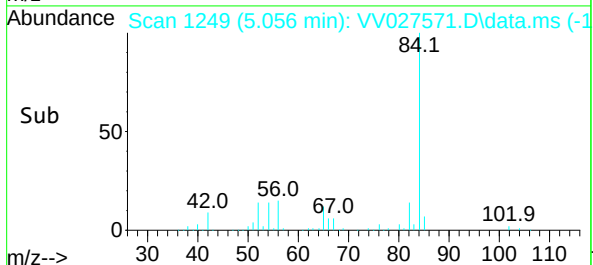
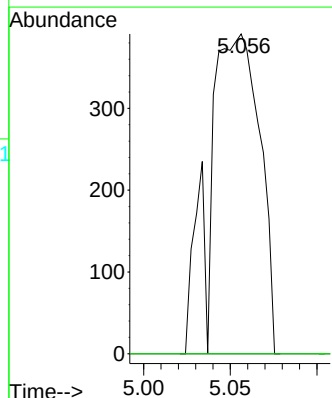
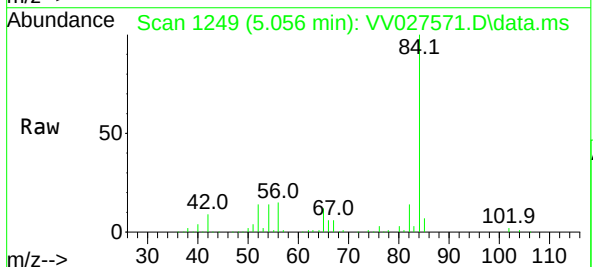
Acq: 29 Aug 2022 18:48

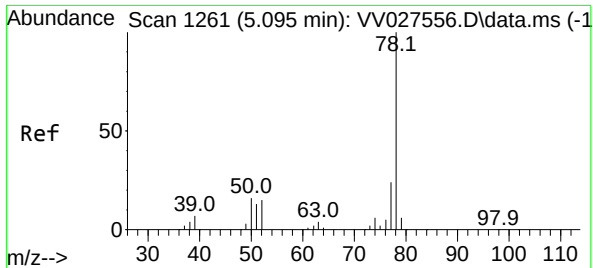
Tgt Ion: 62 Resp: 796

Ion Ratio Lower Upper

62 100

98 0.0 7.4 11.2#

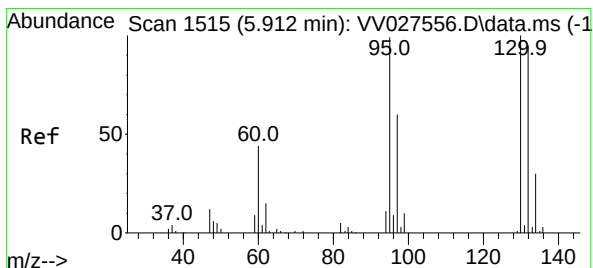
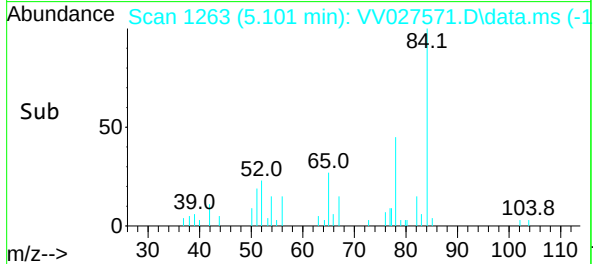
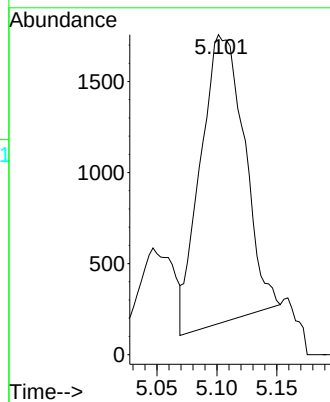
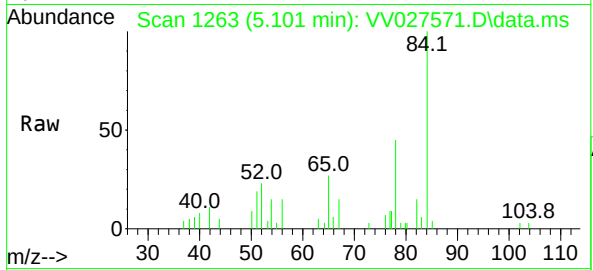




#33
Benzene
Concen: 0.099 ug/L
RT: 5.101 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV027571.D
Acq: 29 Aug 2022 18:48

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ClientSampleId :
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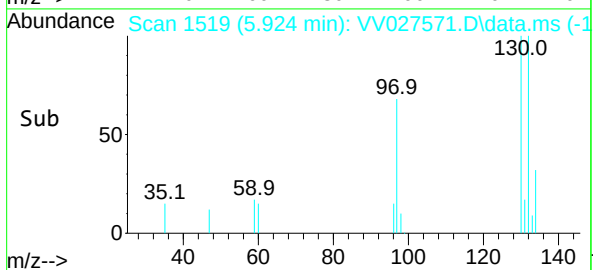
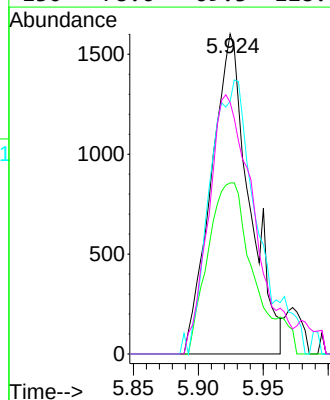
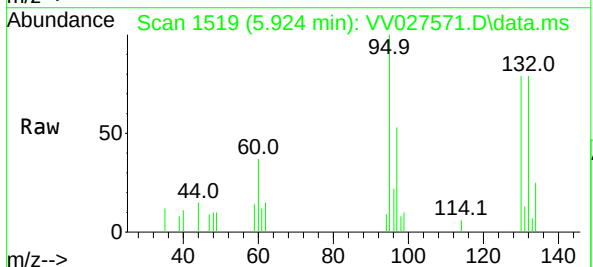
Tgt Ion: 78 Resp: 4017

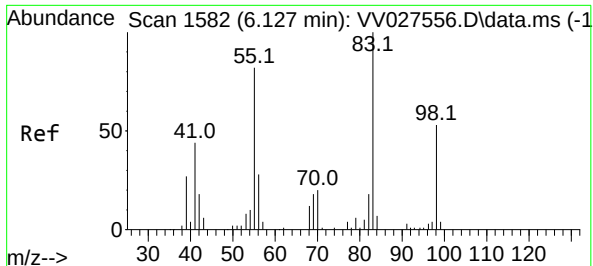


#34
Trichloroethene
Concen: 0.308 ug/L
RT: 5.924 min Scan# 1519
Delta R.T. 0.016 min
Lab File: VV027571.D
Acq: 29 Aug 2022 18:48

Tgt Ion: 95 Resp: 3283

Ion	Ratio	Lower	Upper
95	100		
97	53.4	45.0	83.6
132	79.0	65.7	121.9
130	78.6	69.3	128.7





#35

Methylcyclohexane

Concen: 0.726 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.058 min

Lab File: VV027571.D

Acq: 29 Aug 2022 18:48

Instrument :

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ClientSampleId :

DBVA9

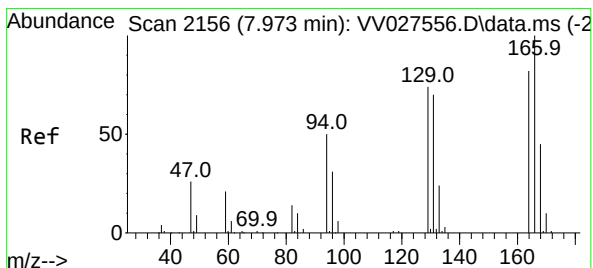
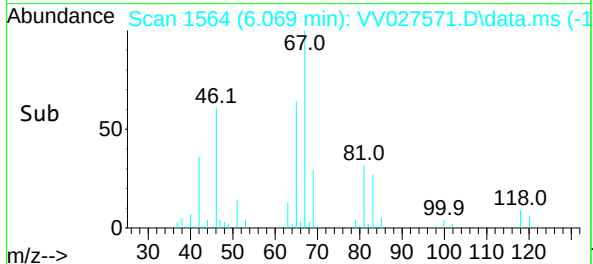
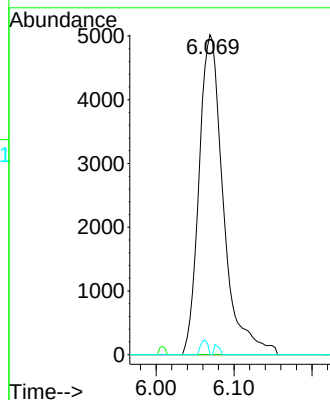
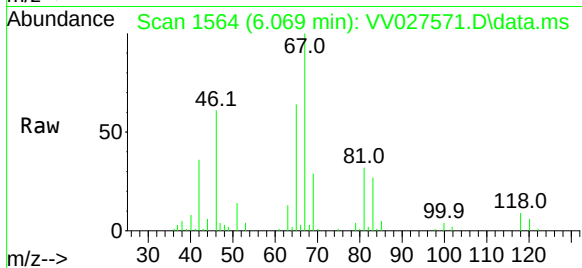
Tgt Ion: 83 Resp: 10894

Ion Ratio Lower Upper

83 100

55 0.0 68.2 102.4#

98 0.7 39.0 58.4#



#47

Tetrachloroethene

Concen: 0.101 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV027571.D

Acq: 29 Aug 2022 18:48

Tgt Ion: 164 Resp: 843

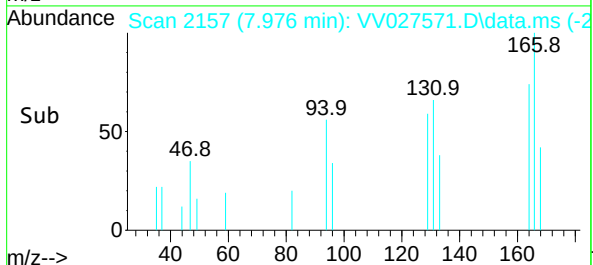
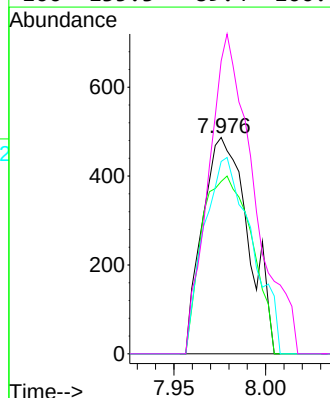
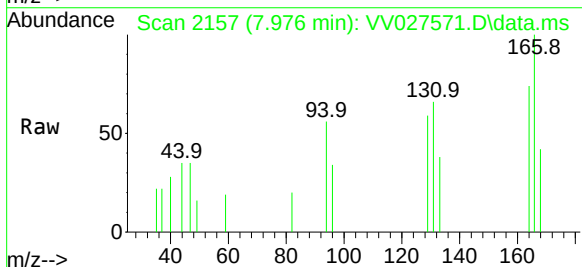
Ion Ratio Lower Upper

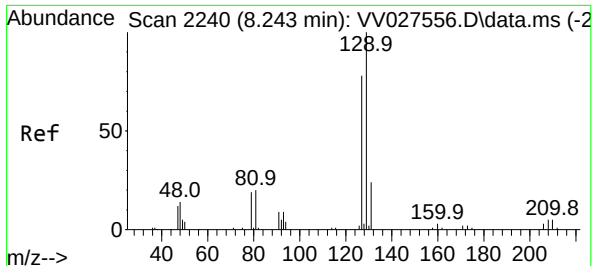
164 100

129 79.7 71.1 132.1

131 88.9 64.5 119.9

166 135.3 89.4 166.0





#49

Dibromochloromethane

Concen: 0.089 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.264 min

Lab File: VV027571.D

Acq: 29 Aug 2022 18:48

Instrument :

MSVOA_V

ClientSampleId :

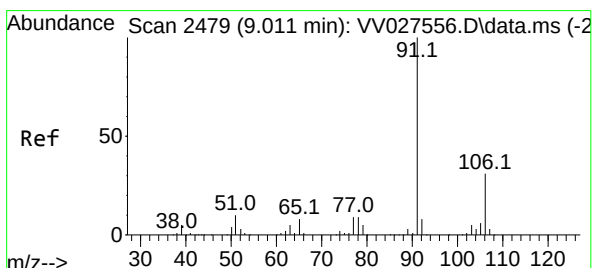
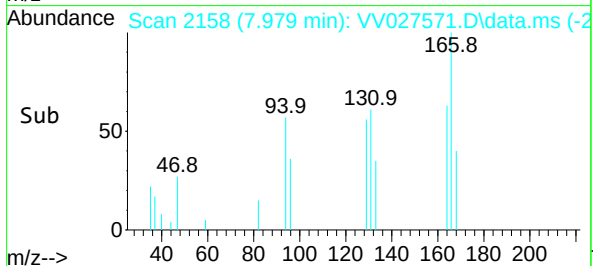
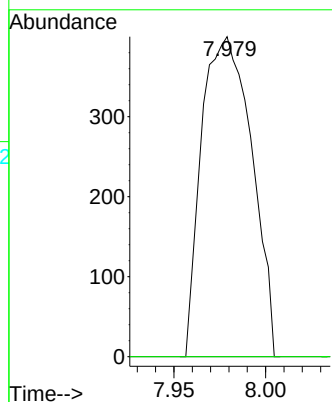
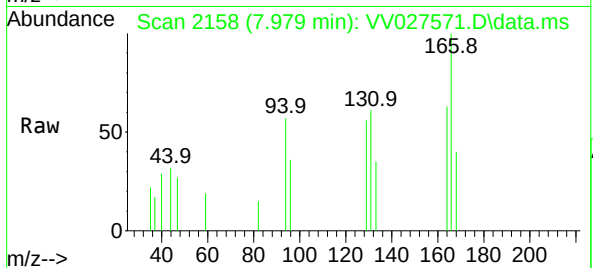
DBVA9

Tgt Ion:129 Resp: 760

Ion Ratio Lower Upper

129 100

127 0.0 55.9 103.7#



#52

Ethylbenzene

Concen: 0.060 ug/L

RT: 9.021 min Scan# 2482

Delta R.T. 0.013 min

Lab File: VV027571.D

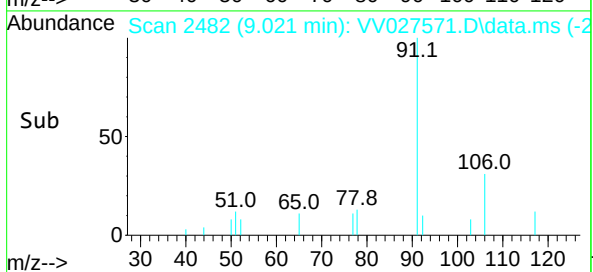
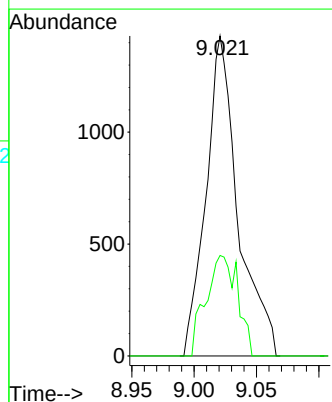
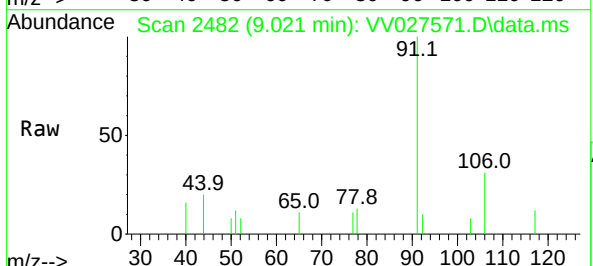
Acq: 29 Aug 2022 18:48

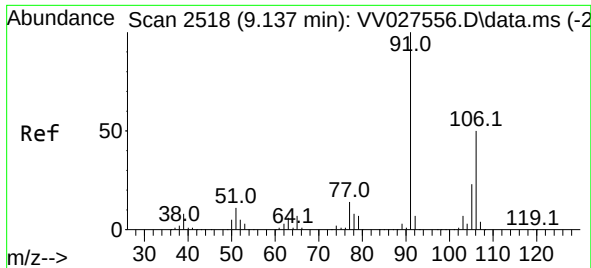
Tgt Ion: 91 Resp: 2551

Ion Ratio Lower Upper

91 100

106 31.4 21.4 39.8

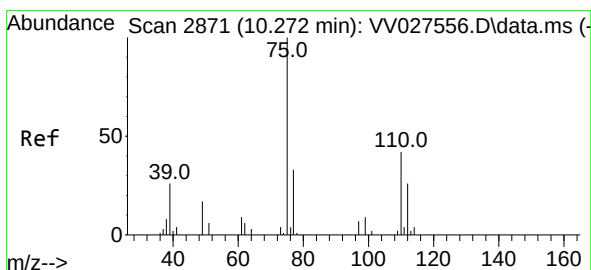
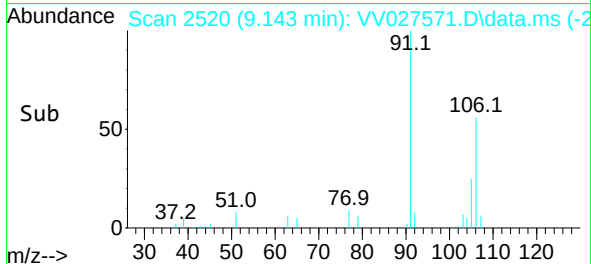
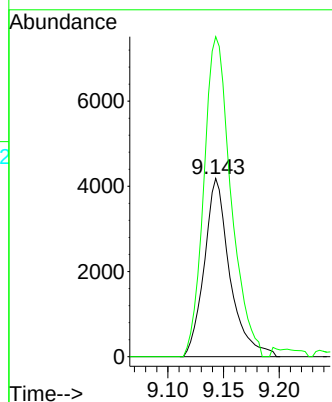
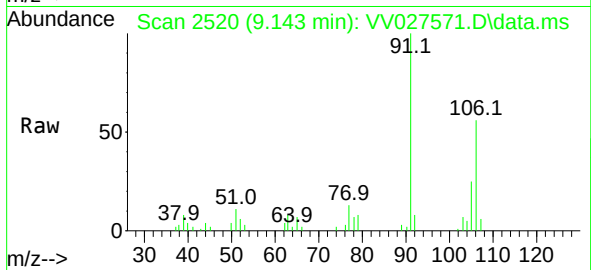




#53
 m,p-Xylene
 Concen: 0.409 ug/L
 RT: 9.143 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VV027571.D
 Acq: 29 Aug 2022 18:48

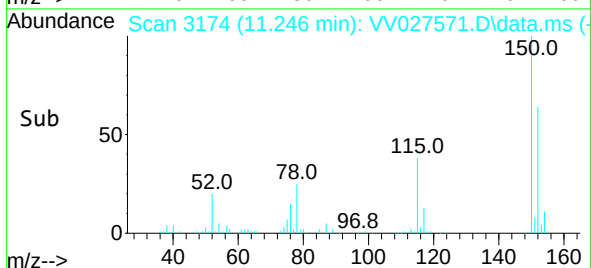
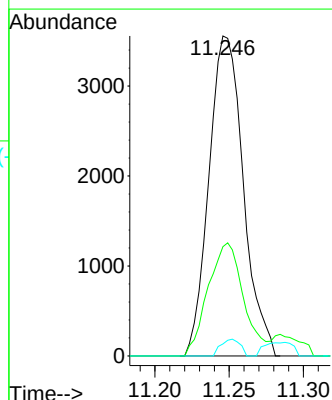
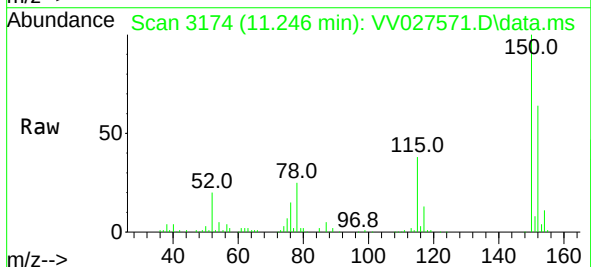
Instrument :
 MSVOA_V
 ClientSampleId :
 DBVA9

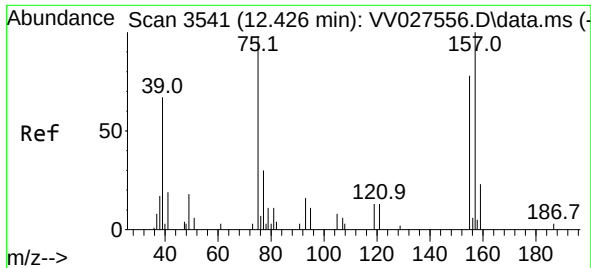
Tgt Ion:106 Resp: 6683
 Ion Ratio Lower Upper
 106 100
 91 179.5 143.8 267.0



#61
 1,2,3-Trichloropropane
 Concen: 1.221 ug/L
 RT: 11.246 min Scan# 3174
 Delta R.T. 0.974 min
 Lab File: VV027571.D
 Acq: 29 Aug 2022 18:48

Tgt Ion: 75 Resp: 5729
 Ion Ratio Lower Upper
 75 100
 77 36.4 26.2 39.2
 110 2.9 29.9 44.9#





#68
1,2-Dibromo-3-chloropropane
Concen: 4.782 ug/L
RT: 12.580 min Scan# 31
Delta R.T. 0.154 min
Lab File: VV027571.D
Acq: 29 Aug 2022 18:48

Instrument :
MSVOA_V
ClientSampleId :
DBVA9

Tgt Ion: 75 Resp: 4986
Ion Ratio Lower Upper
75 100
155 0.0 63.1 94.7#
157 0.0 81.8 122.8#

