

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091622\
 Data File : VV027882.D
 Acq On : 16 Sep 2022 15:15
 Operator : SY/MD
 Sample : N4652-01DL 40X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXYZ9DL

Quant Time: Sep 16 22:08:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR090622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 16 22:04:36 2022
 Response via : Initial Calibration

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

Internal Standards					
1) 1,4-Difluorobenzene	5.616	114	137511	5.000 ug/L	0.00
28) Chlorobenzene-d5	8.850	117	140368	5.000 ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	72059	5.000 ug/L	0.00

System Monitoring Compounds					
4) Vinyl Chloride-d3	1.307	65	76154	8.401 ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 168.000%#	
7) Chloroethane-d5	1.568	69	54609	7.102 ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 142.000%#	
11) 1,1-Dichloroethene-d2	2.108	63	96058	4.994 ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 99.800%	
20) 2-Butanone-d5	3.892	46	98112	48.841 ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 97.680%	
24) Chloroform-d	4.346	84	122781	6.615 ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 132.400%#	
26) 1,2-Dichloroethane-d4	5.030	65	60663	6.138 ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 122.800%	
32) Benzene-d6	5.047	84	234615	5.761 ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 115.200%	
36) 1,2-Dichloropropane-d6	6.066	67	61240	5.137 ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 102.800%	
41) Toluene-d8	7.313	98	201839	5.894 ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 117.800%	
43) trans-1,3-Dichloroprop...	7.622	79	24297	6.075 ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 121.400%	
46) 2-Hexanone-d5	8.088	63	82120	55.233 ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 110.460%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	40028	5.228 ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 104.600%	
66) 1,2-Dichlorobenzene-d4	11.622	152	81540	6.888 ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 137.800%#	

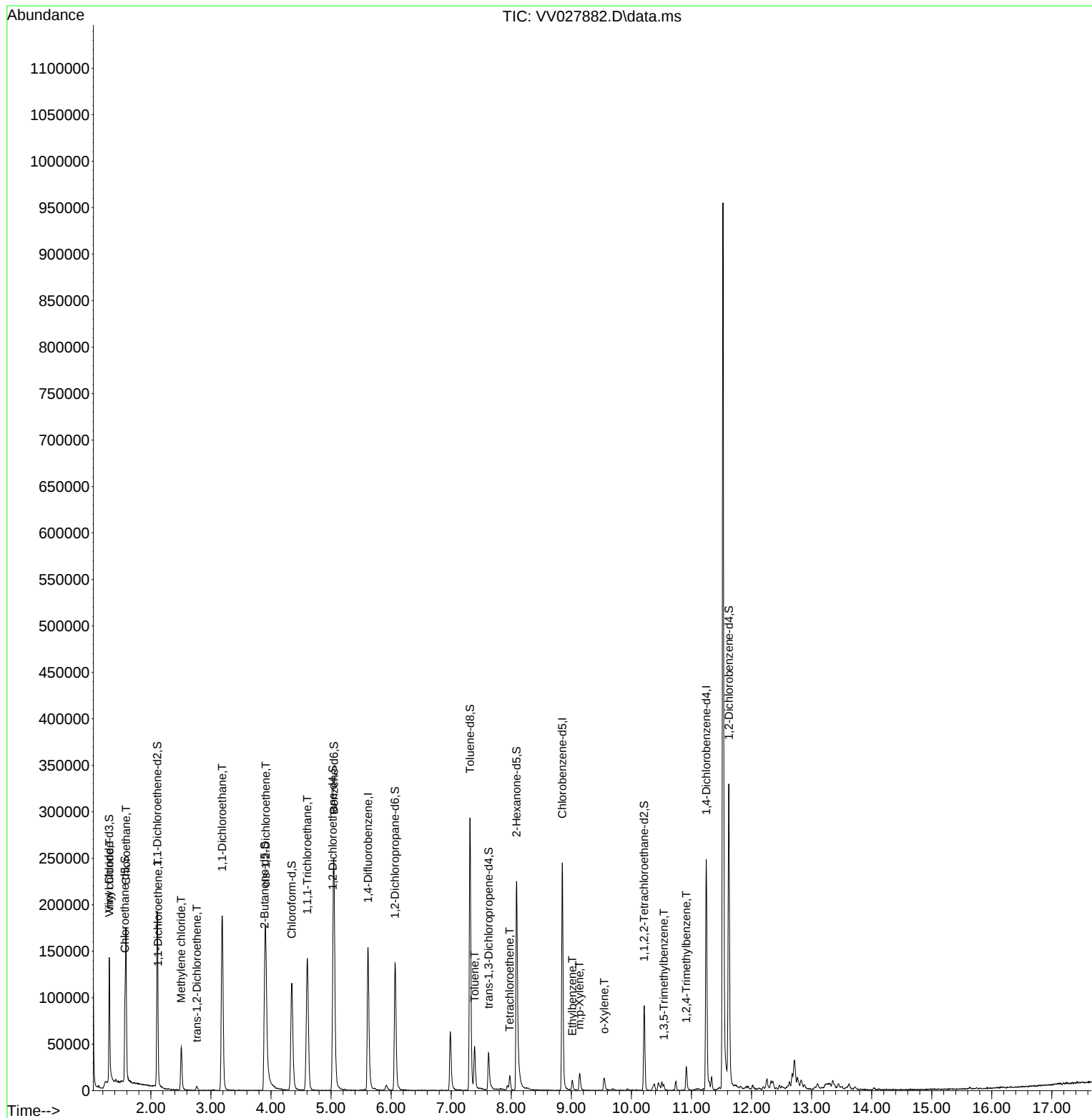
Target Compounds				Qvalue	
5) Vinyl chloride	1.310	62	24951	2.015 ug/L	96
8) Chloroethane	1.587	64	93168	13.105 ug/L	99
12) 1,1-Dichloroethene	2.121	96	2229	0.245 ug/L #	1
16) Methylene chloride	2.506	84	20358	1.735 ug/L	91
18) trans-1,2-Dichloroethene	2.767	96	1759	0.183 ug/L	78
19) 1,1-Dichloroethane	3.188	63	184639	10.223 ug/L	99
22) cis-1,2-Dichloroethene	3.912	96	79600	7.589 ug/L #	85
29) 1,1,1-Trichloroethane	4.606	97	117442	5.440 ug/L	96
42) Toluene	7.390	91	34738	0.774 ug/L	99
47) Tetrachloroethene	7.976	164	3422	0.367 ug/L	95
52) Ethylbenzene	9.014	91	7777	0.167 ug/L	96
53) m,p-Xylene	9.136	106	6563	0.358 ug/L	67
54) o-Xylene	9.548	106	3977	0.228 ug/L	85
62) 1,3,5-Trimethylbenzene	10.538	105	3419	0.269 ug/L	92
63) 1,2,4-Trimethylbenzene	10.914	105	14410	0.399 ug/L	99

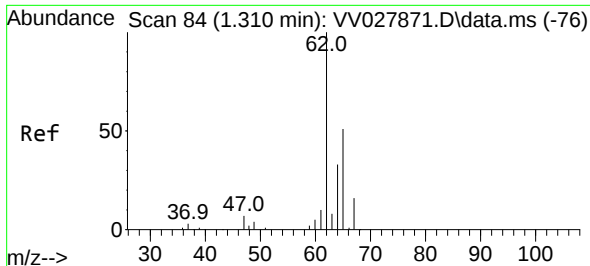
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091622\
Data File : VV027882.D
Acq On : 16 Sep 2022 15:15
Operator : SY/MD
Sample : N4652-01DL 40X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXYZ9DL

Quant Time: Sep 16 22:08:49 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR090622WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 16 22:04:36 2022
Response via : Initial Calibration

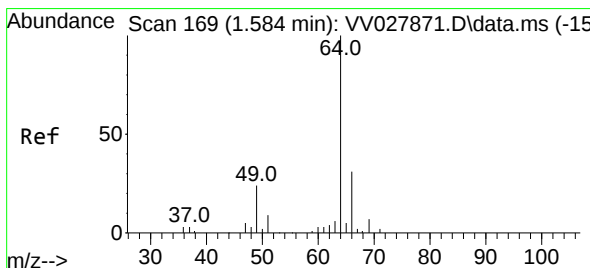
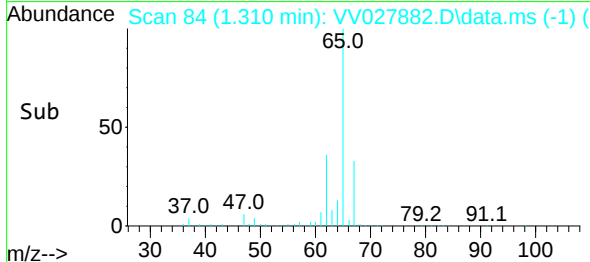
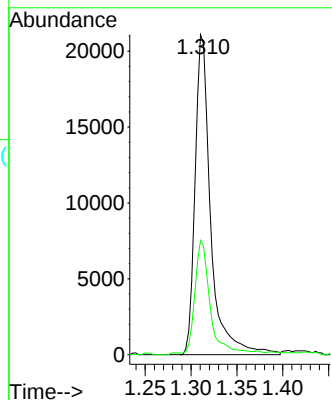
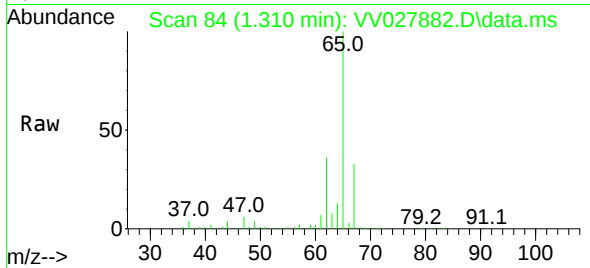




#5
 Vinyl chloride
 Concen: 2.015 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV027882.D
 Acq: 16 Sep 2022 15:15

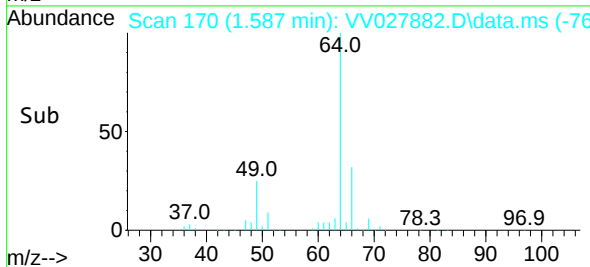
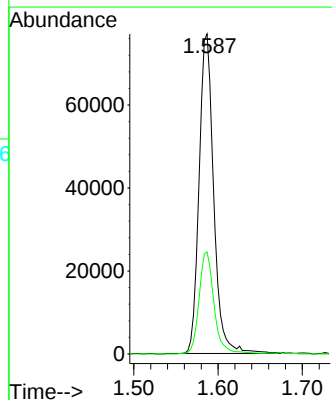
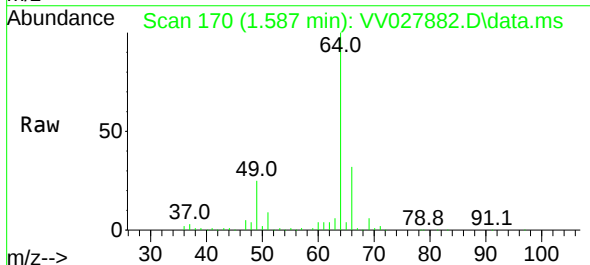
Instrument :
 MSVOA_V
 ClientSampleId :
 EXYZ9DL

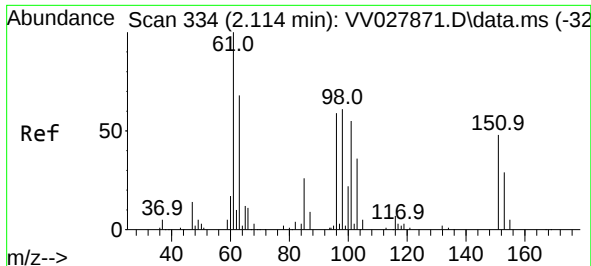
Tgt Ion: 62 Resp: 24951
 Ion Ratio Lower Upper
 62 100
 64 35.7 23.2 43.2



#8
 Chloroethane
 Concen: 13.105 ug/L
 RT: 1.587 min Scan# 170
 Delta R.T. 0.003 min
 Lab File: VV027882.D
 Acq: 16 Sep 2022 15:15

Tgt Ion: 64 Resp: 93168
 Ion Ratio Lower Upper
 64 100
 66 31.9 22.1 41.1

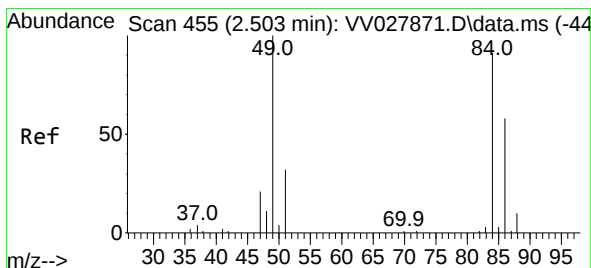
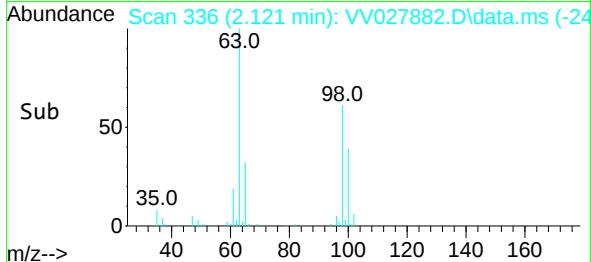
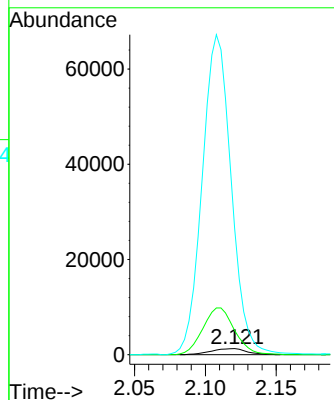
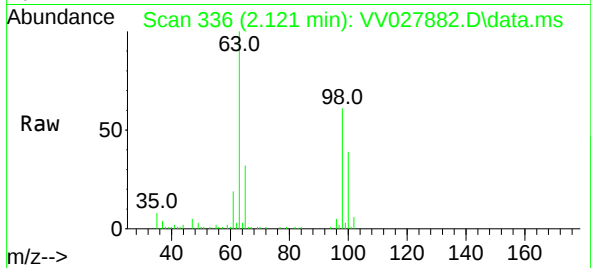




#12
1,1-Dichloroethene
Concen: 0.245 ug/L
RT: 2.121 min Scan# 311
Delta R.T. 0.006 min
Lab File: VV027882.D
Acq: 16 Sep 2022 15:15

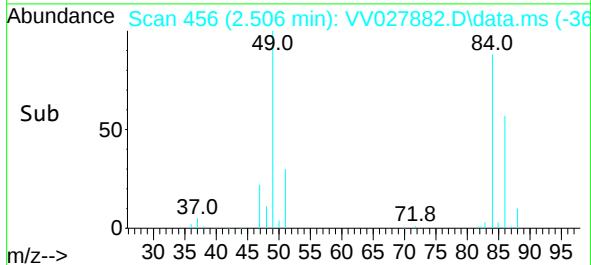
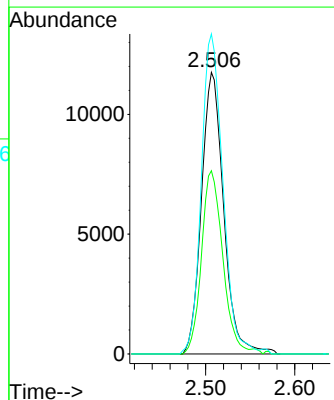
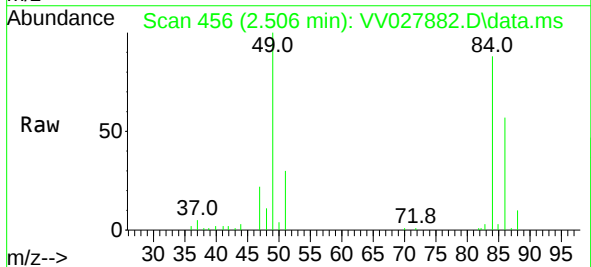
Instrument :
MSVOA_V
ClientSampleId :
XYZ9DL

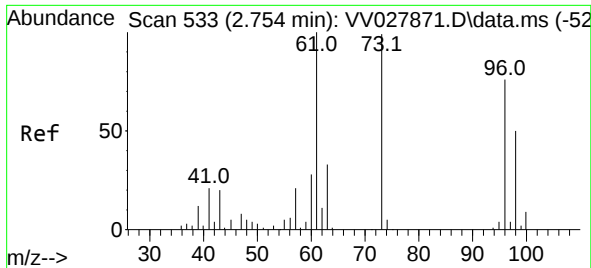
Tgt Ion: 96 Resp: 2229
Ion Ratio Lower Upper
96 100
61 395.2 129.9 241.3#
63 2073.9 94.6 175.8#



#16
Methylene chloride
Concen: 1.735 ug/L
RT: 2.506 min Scan# 456
Delta R.T. 0.003 min
Lab File: VV027882.D
Acq: 16 Sep 2022 15:15

Tgt Ion: 84 Resp: 20358
Ion Ratio Lower Upper
84 100
86 65.1 44.9 83.3
49 113.6 90.1 167.3

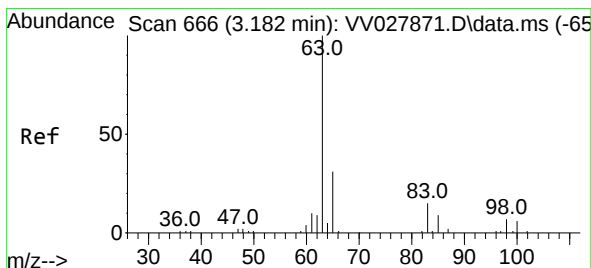
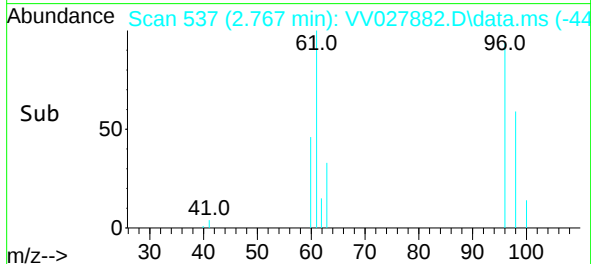
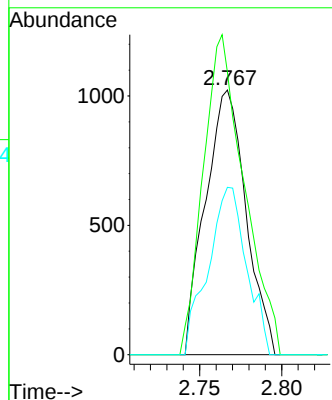
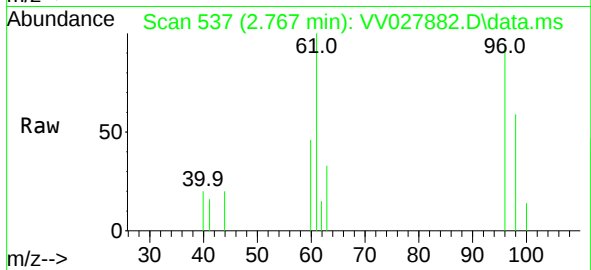




#18
trans-1,2-Dichloroethene
Concen: 0.183 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.013 min
Lab File: VV027882.D
Acq: 16 Sep 2022 15:15

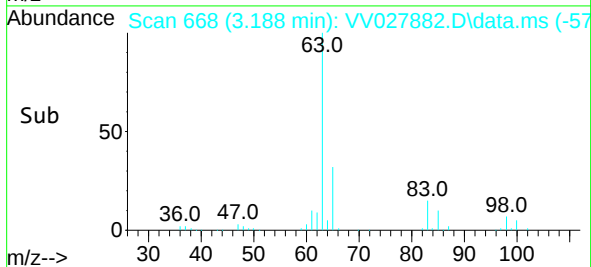
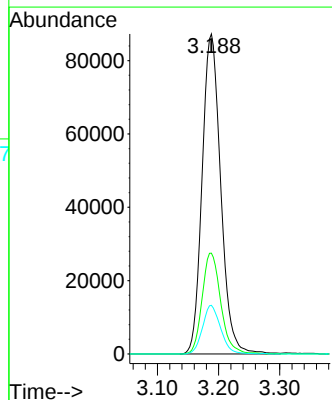
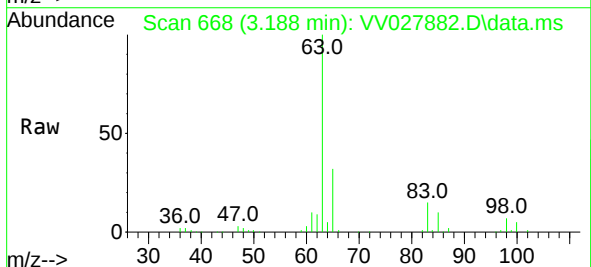
Instrument :
MSVOA_V
ClientSampleId :
XYZ9DL

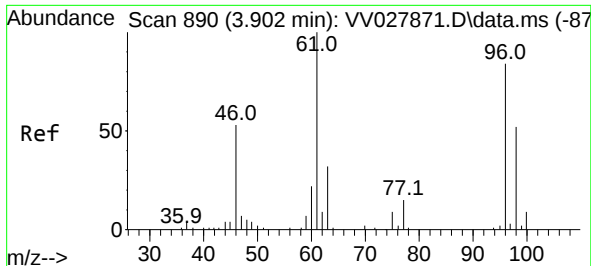
Tgt Ion: 96 Resp: 1759
Ion Ratio Lower Upper
96 100
61 106.7 102.6 190.5
98 63.2 44.0 81.8



#19
1,1-Dichloroethane
Concen: 10.223 ug/L
RT: 3.188 min Scan# 668
Delta R.T. 0.006 min
Lab File: VV027882.D
Acq: 16 Sep 2022 15:15

Tgt Ion: 63 Resp: 184639
Ion Ratio Lower Upper
63 100
65 31.5 22.0 41.0
83 15.2 10.1 18.9

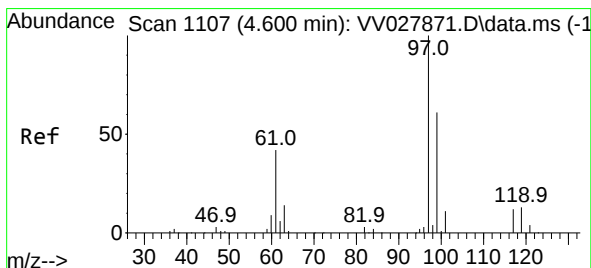
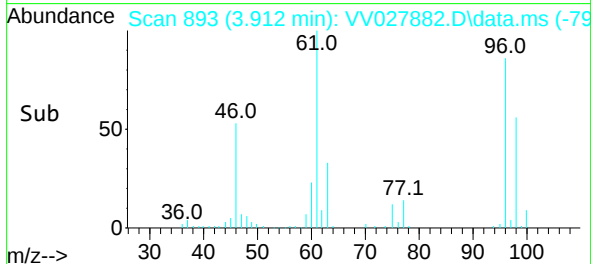
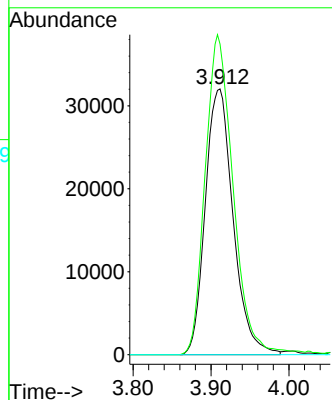
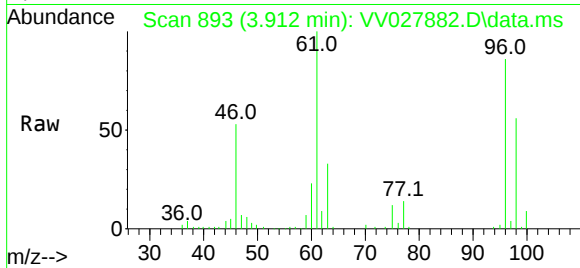




#22
 cis-1,2-Dichloroethene
 Concen: 7.589 ug/L
 RT: 3.912 min Scan# 891
 Delta R.T. 0.010 min
 Lab File: VV027882.D
 Acq: 16 Sep 2022 15:15

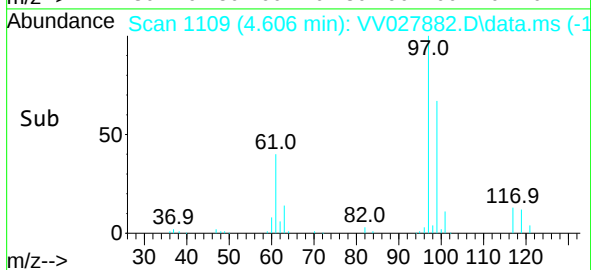
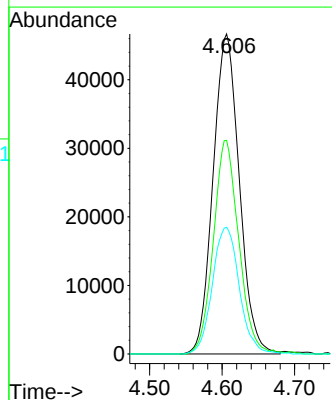
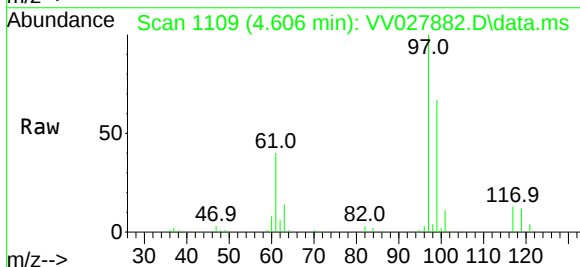
Instrument :
 MSVOA_V
 ClientSampleId :
 XYZ9DL

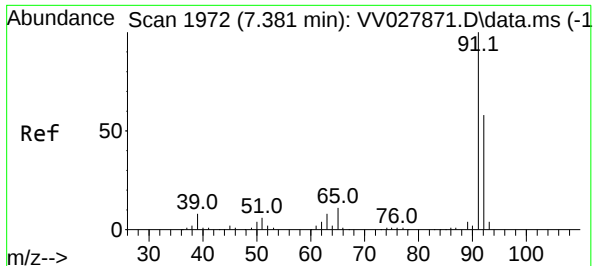
Tgt Ion: 96 Resp: 79600
 Ion Ratio Lower Upper
 96 100
 61 116.9 94.6 175.6
 68 0.0 0.3 0.5#



#29
 1,1,1-Trichloroethane
 Concen: 5.440 ug/L
 RT: 4.606 min Scan# 1109
 Delta R.T. 0.006 min
 Lab File: VV027882.D
 Acq: 16 Sep 2022 15:15

Tgt Ion: 97 Resp: 117442
 Ion Ratio Lower Upper
 97 100
 99 64.6 50.8 76.2
 61 40.6 36.2 54.4

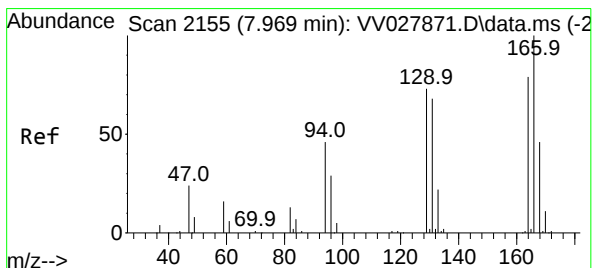
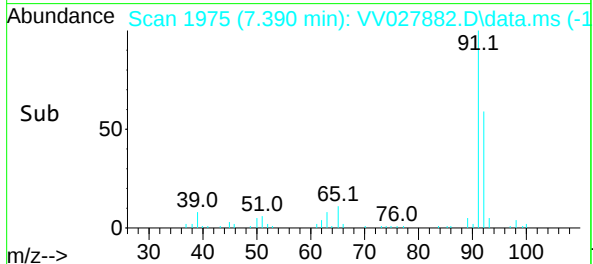
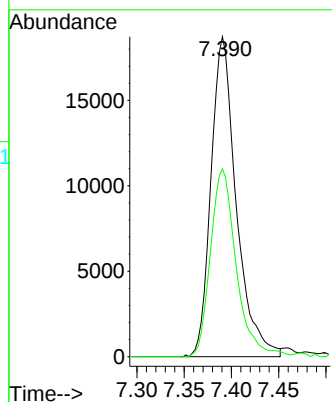
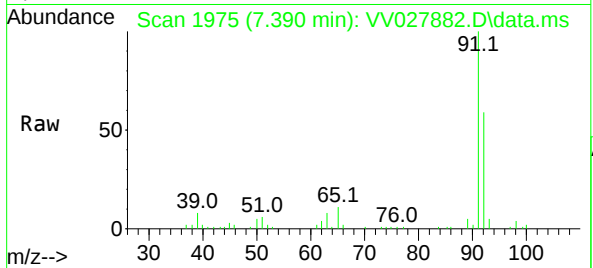




#42
Toluene
Concen: 0.774 ug/L
RT: 7.390 min Scan# 1972
Delta R.T. 0.010 min
Lab File: VV027882.D
Acq: 16 Sep 2022 15:15

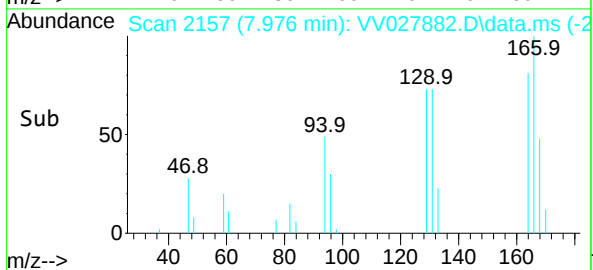
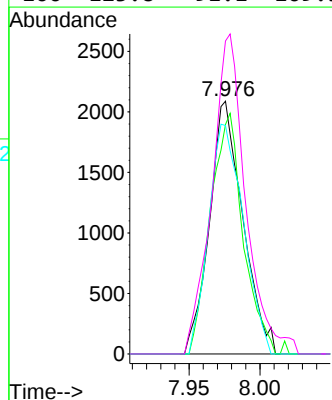
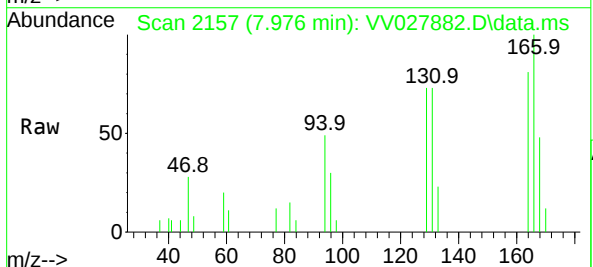
Instrument :
MSVOA_V
ClientSampleId :
XYZ9DL

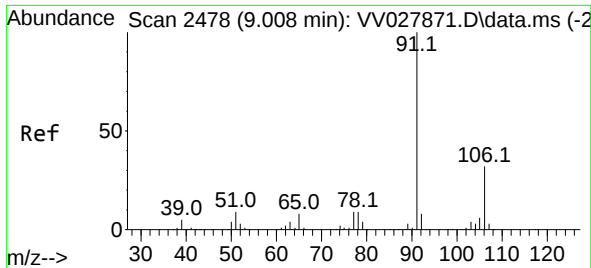
Tgt Ion: 91 Resp: 34738
Ion Ratio Lower Upper
91 100
92 58.7 40.8 75.8



#47
Tetrachloroethene
Concen: 0.367 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.006 min
Lab File: VV027882.D
Acq: 16 Sep 2022 15:15

Tgt Ion: 164 Resp: 3422
Ion Ratio Lower Upper
164 100
129 90.8 67.2 124.8
131 90.4 61.5 114.3
166 123.8 91.1 169.3





#52

Ethylbenzene

Concen: 0.167 ug/L

RT: 9.014 min Scan# 2478

Delta R.T. 0.006 min

Lab File: VV027882.D

Acq: 16 Sep 2022 15:15

Instrument :

MSVOA_V

ClientSampleId :

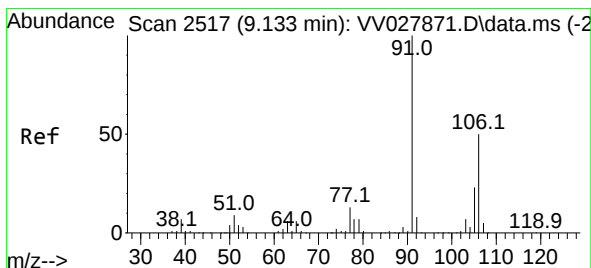
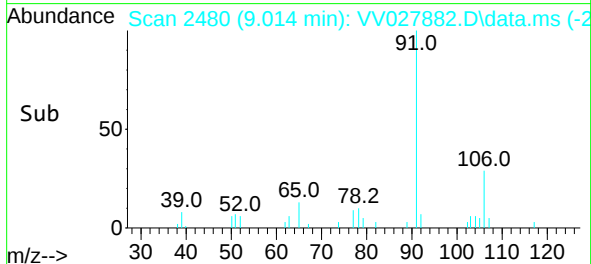
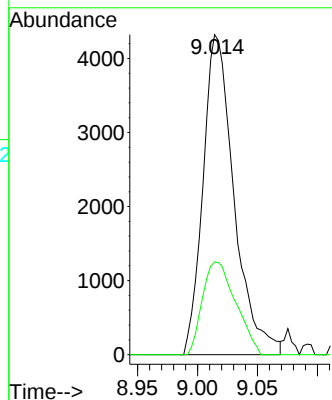
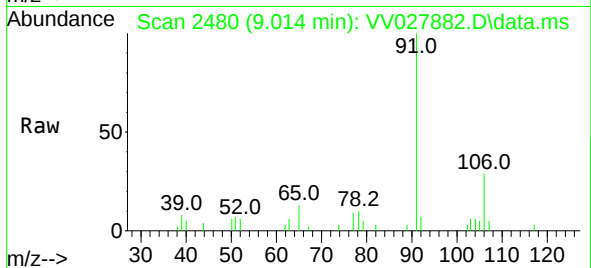
XYZ9DL

Tgt Ion: 91 Resp: 7777

Ion Ratio Lower Upper

91 100

106 29.0 22.0 40.8



#53

m,p-Xylene

Concen: 0.358 ug/L

RT: 9.136 min Scan# 2518

Delta R.T. 0.003 min

Lab File: VV027882.D

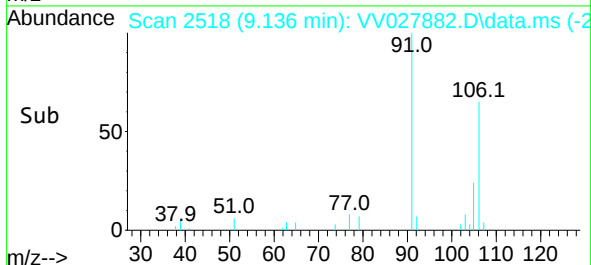
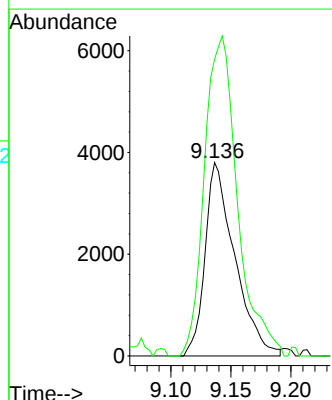
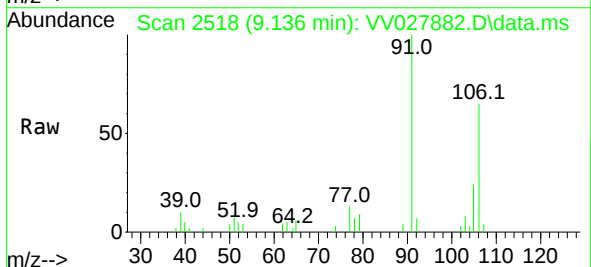
Acq: 16 Sep 2022 15:15

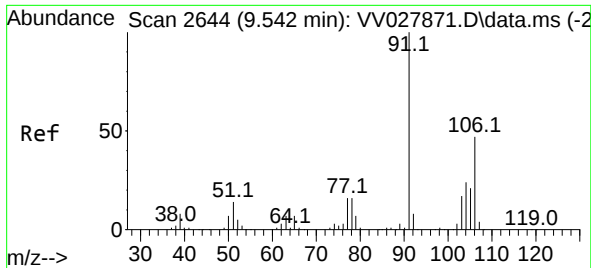
Tgt Ion: 106 Resp: 6563

Ion Ratio Lower Upper

106 100

91 153.4 142.4 264.4

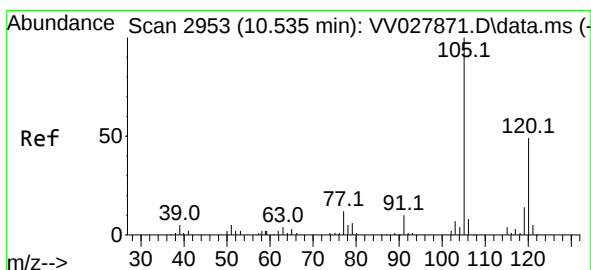
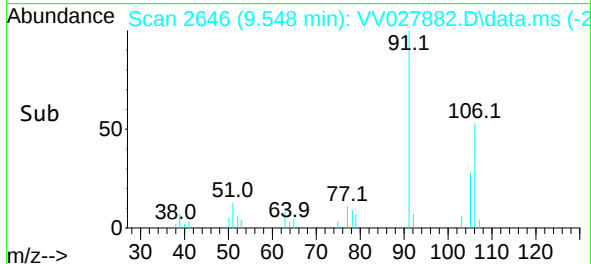
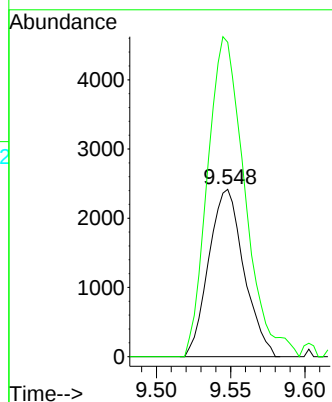
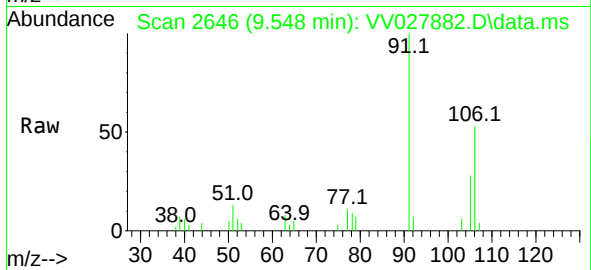




#54
o-Xylene
Concen: 0.228 ug/L
RT: 9.548 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV027882.D
Acq: 16 Sep 2022 15:15

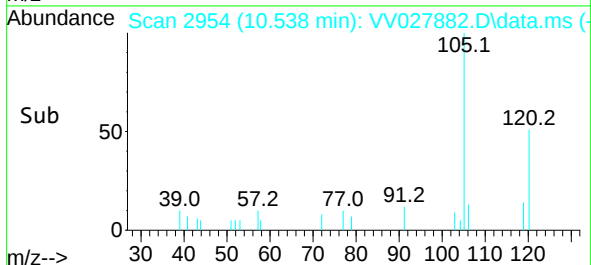
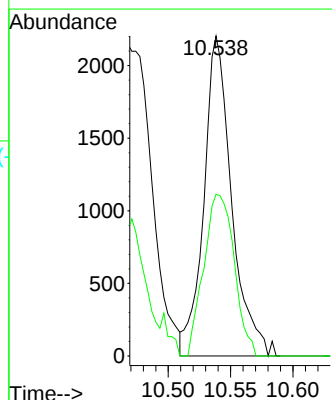
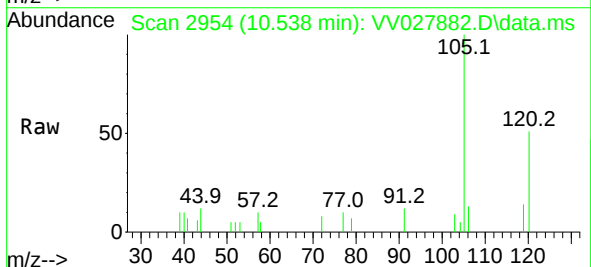
Instrument :
MSVOA_V
ClientSampleId :
EXYZ9DL

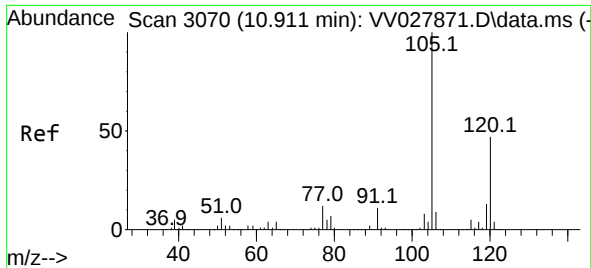
Tgt Ion:106 Resp: 3977
Ion Ratio Lower Upper
106 100
91 187.9 147.5 273.9



#62
1,3,5-Trimethylbenzene
Concen: 0.269 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. 0.003 min
Lab File: VV027882.D
Acq: 16 Sep 2022 15:15

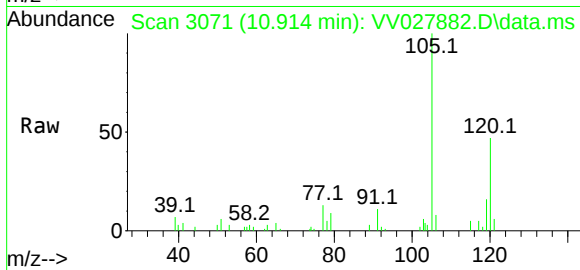
Tgt Ion:105 Resp: 3419
Ion Ratio Lower Upper
105 100
120 55.2 39.6 59.4





#63
 1,2,4-Trimethylbenzene
 Concen: 0.399 ug/L
 RT: 10.914 min Scan# 3071
 Delta R.T. 0.003 min
 Lab File: VV027882.D
 Acq: 16 Sep 2022 15:15

Instrument :
 MSVOA_V
 ClientSampleId :
 EXYZ9DL



Tgt Ion:105 Resp: 14410
 Ion Ratio Lower Upper
 105 100
 120 45.8 37.4 56.0

