

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW091622\
 Data File : VW027885.D
 Acq On : 16 Sep 2022 16:51
 Operator : SY/MD
 Sample : N4652-01DL 40X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXYZ9DL

Quant Time: Sep 16 22:09:25 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	135854	5.000	ug/L	# 0.00
28) Chlorobenzene-d5	8.850	117	131907	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	66843	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	52456	5.858	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	117.200%	
7) Chloroethane-d5	1.568	69	39244	5.166	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	103.400%	
11) 1,1-Dichloroethene-d2	2.108	63	74987	3.946	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	79.000%	
20) 2-Butanone-d5	3.896	46	71838	36.198	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	72.400%	
24) Chloroform-d	4.346	84	86419	4.713	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.200%	
26) 1,2-Dichloroethane-d4	5.031	65	43539	4.459	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.200%	
32) Benzene-d6	5.047	84	156935	4.101	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	82.000%	
36) 1,2-Dichloropropane-d6	6.069	67	41118	3.670	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	73.400%	
41) Toluene-d8	7.313	98	135631	4.215	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	84.200%	
43) trans-1,3-Dichloroprop...	7.622	79	16013	4.260	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	85.200%	
46) 2-Hexanone-d5	8.088	63	49381	35.344	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	70.680%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	27682	3.848	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	77.000%	
66) 1,2-Dichlorobenzene-d4	11.622	152	50642	4.612	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	92.200%	

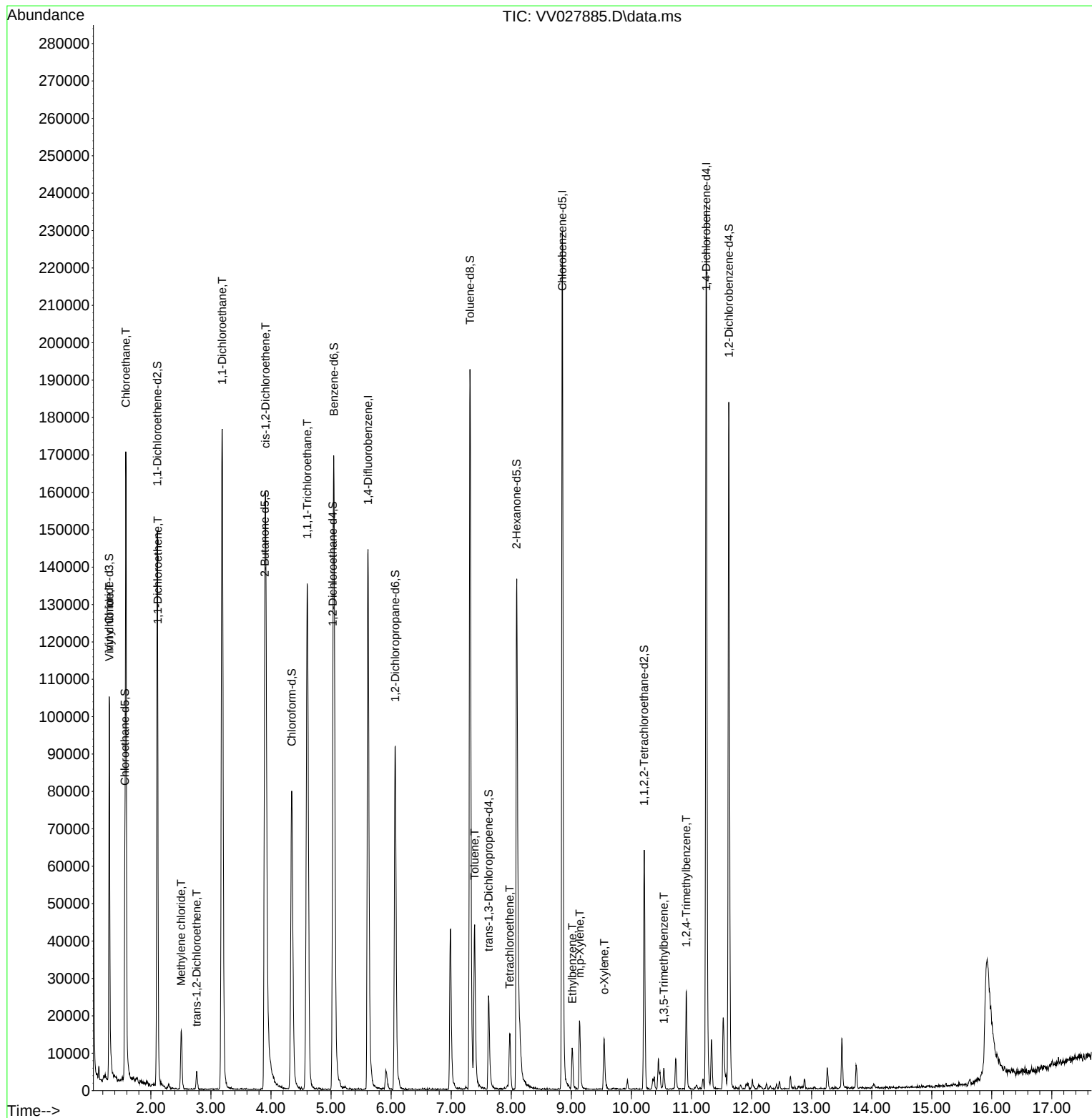
Target Compounds						Qvalue
5) Vinyl chloride	1.311	62	23288	1.904	ug/L	99
8) Chloroethane	1.584	64	94391	13.439	ug/L	96
12) 1,1-Dichloroethene	2.114	96	2233	0.248	ug/L	# 1
16) Methylene chloride	2.507	84	6497	0.560	ug/L	85
18) trans-1,2-Dichloroethene	2.761	96	1839	0.193	ug/L	83
19) 1,1-Dichloroethane	3.188	63	173585	9.728	ug/L	98
22) cis-1,2-Dichloroethene	3.908	96	78785	7.603	ug/L	# 83
29) 1,1,1-Trichloroethane	4.603	97	111891	5.515	ug/L	96
42) Toluene	7.391	91	33292	0.789	ug/L	100
47) Tetrachloroethene	7.976	164	3346	0.382	ug/L	93
52) Ethylbenzene	9.014	91	8303	0.190	ug/L	90
53) m,p-Xylene	9.140	106	6081	0.353	ug/L	92
54) o-Xylene	9.548	106	4249	0.259	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	3489	0.296	ug/L	96
63) 1,2,4-Trimethylbenzene	10.915	105	15229	0.455	ug/L	99

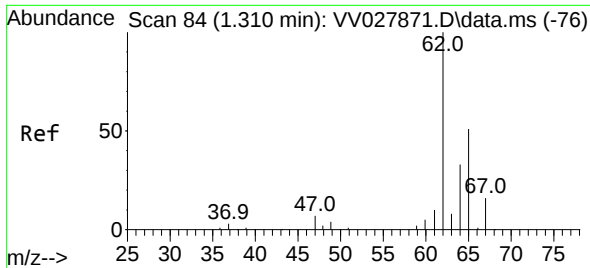
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 16 22:04:36 2022
Response via : Initial Calibration

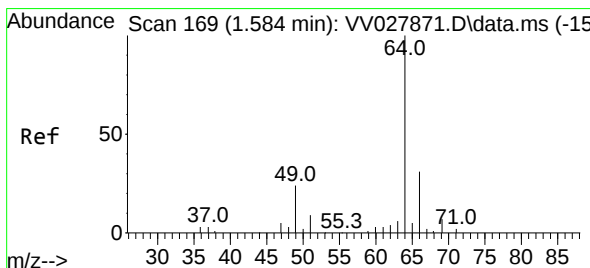
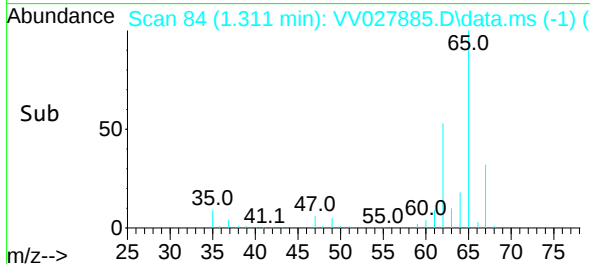
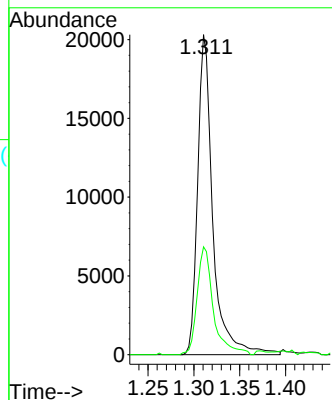
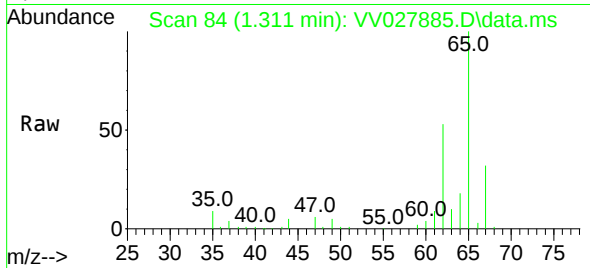




#5
 Vinyl chloride
 Concen: 1.904 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV027885.D
 Acq: 16 Sep 2022 16:51

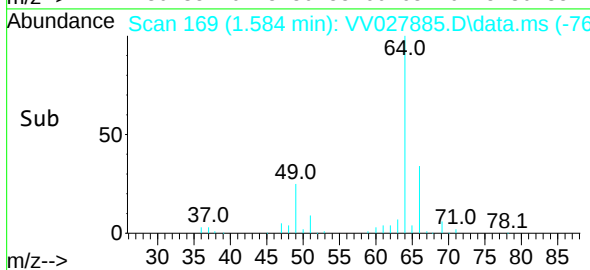
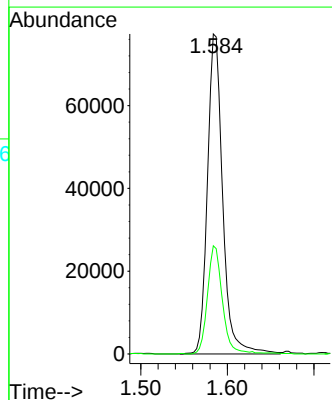
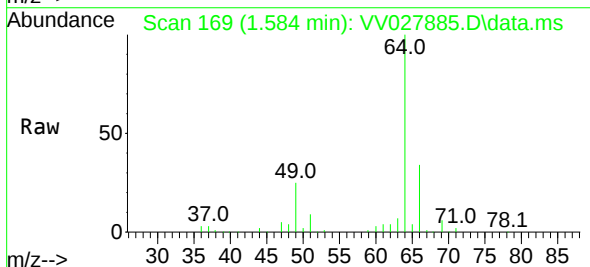
Instrument :
 MSVOA_V
 ClientSampleId :
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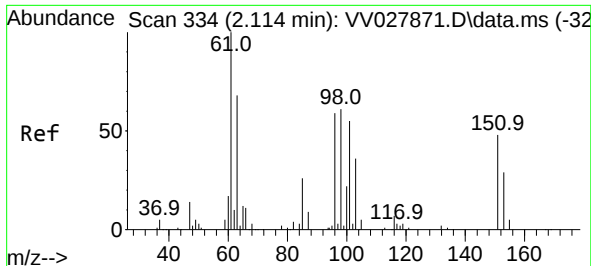
Tgt Ion: 62 Resp: 23288
 Ion Ratio Lower Upper
 62 100
 64 33.7 23.2 43.2



#8
 Chloroethane
 Concen: 13.439 ug/L
 RT: 1.584 min Scan# 169
 Delta R.T. 0.000 min
 Lab File: VV027885.D
 Acq: 16 Sep 2022 16:51

Tgt Ion: 64 Resp: 94391
 Ion Ratio Lower Upper
 64 100
 66 33.8 22.1 41.1





#12

1,1-Dichloroethene

Concen: 0.248 ug/L

RT: 2.114 min Scan# 311

Delta R.T. 0.000 min

Lab File: VV027885.D

Acq: 16 Sep 2022 16:51

Instrument :

MSVOA_V

ClientSampleId :

XYZ9DL

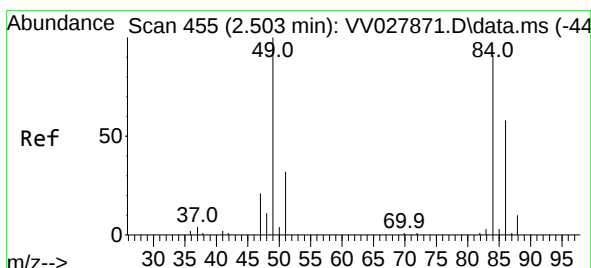
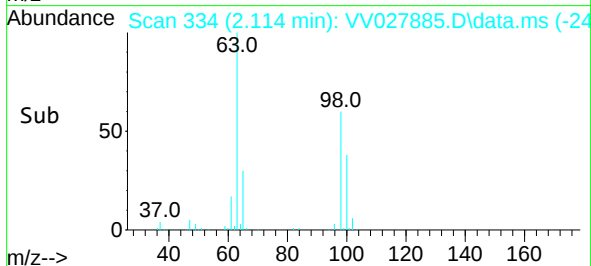
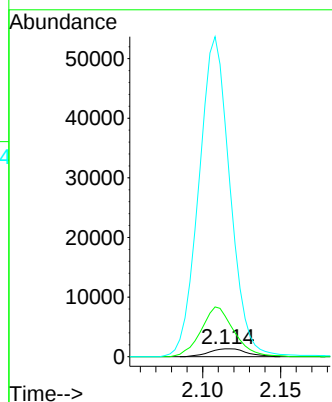
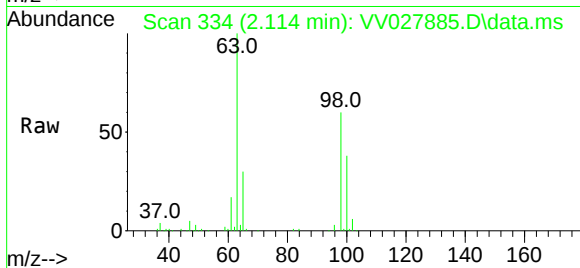
Tgt Ion: 96 Resp: 2233

Ion Ratio Lower Upper

96 100

61 517.8 129.9 241.3#

63 2973.2 94.6 175.8#



#16

Methylene chloride

Concen: 0.560 ug/L

RT: 2.507 min Scan# 456

Delta R.T. 0.003 min

Lab File: VV027885.D

Acq: 16 Sep 2022 16:51

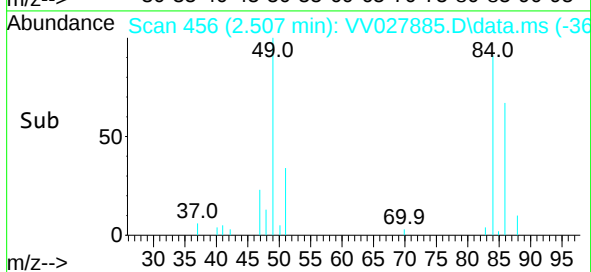
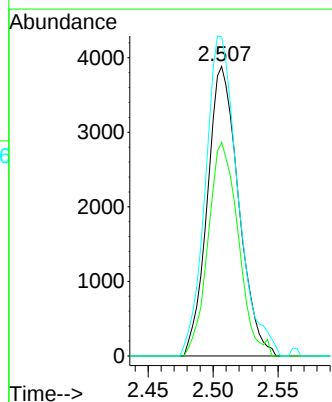
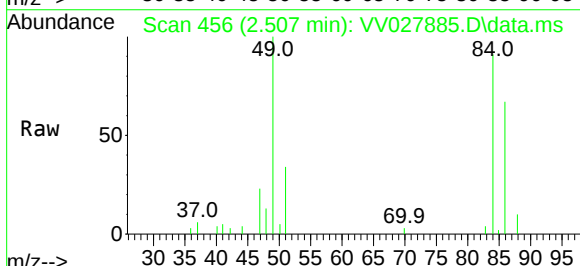
Tgt Ion: 84 Resp: 6497

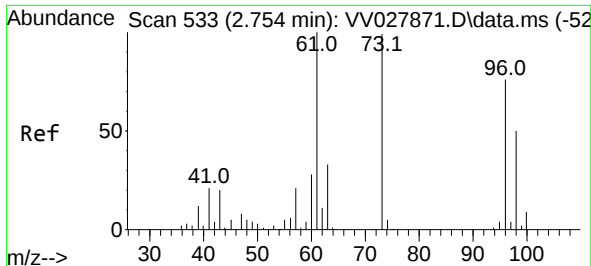
Ion Ratio Lower Upper

84 100

86 73.7 44.9 83.3

49 110.1 90.1 167.3

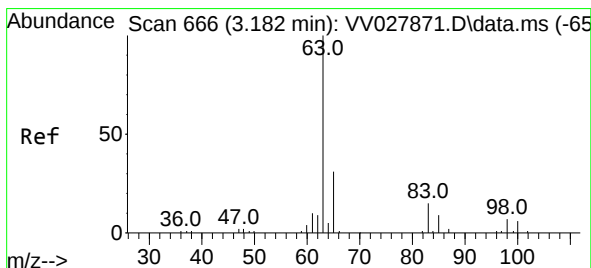
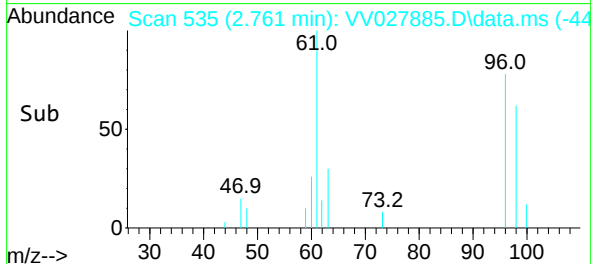
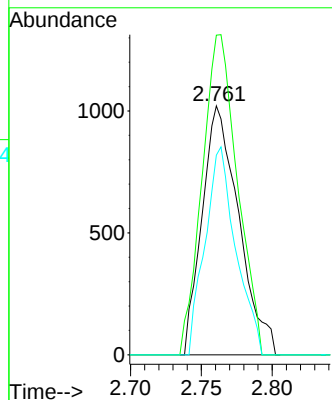
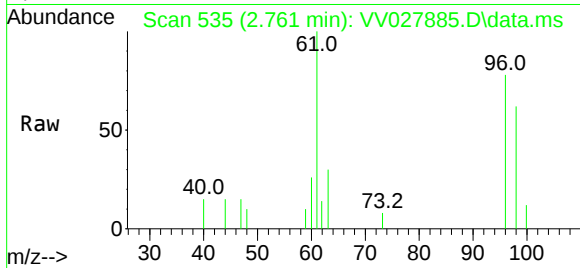




#18
trans-1,2-Dichloroethene
Concen: 0.193 ug/L
RT: 2.761 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV027885.D
Acq: 16 Sep 2022 16:51

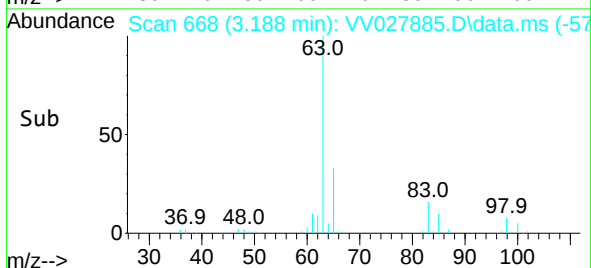
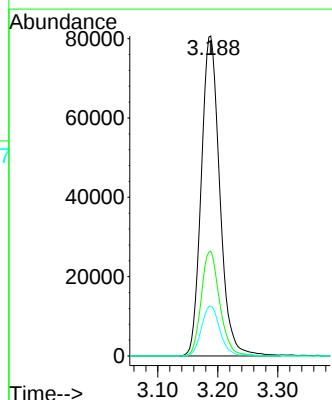
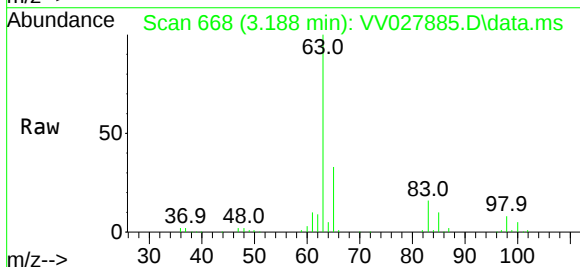
Instrument :
MSVOA_V
ClientSampleId :
XYZ9DL

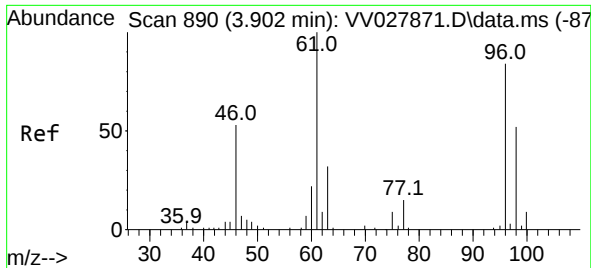
Tgt Ion: 96 Resp: 1839
Ion Ratio Lower Upper
96 100
61 128.4 102.6 190.5
98 80.2 44.0 81.8



#19
1,1-Dichloroethane
Concen: 9.728 ug/L
RT: 3.188 min Scan# 668
Delta R.T. 0.006 min
Lab File: VV027885.D
Acq: 16 Sep 2022 16:51

Tgt Ion: 63 Resp: 173585
Ion Ratio Lower Upper
63 100
65 32.8 22.0 41.0
83 15.6 10.1 18.9





#22

cis-1,2-Dichloroethene

Concen: 7.603 ug/L

RT: 3.908 min Scan# 890

Delta R.T. 0.006 min

Lab File: VV027885.D

Acq: 16 Sep 2022 16:51

Instrument :

MSVOA_V

ClientSampleId :

XYZ9DL

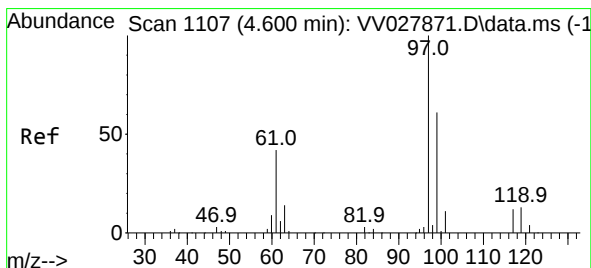
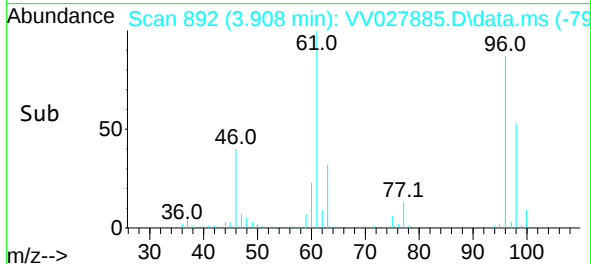
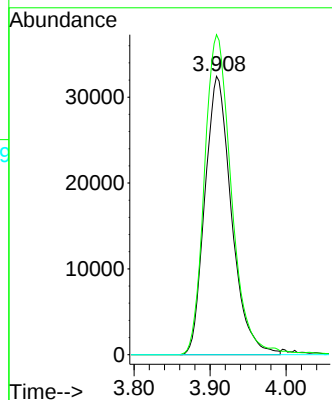
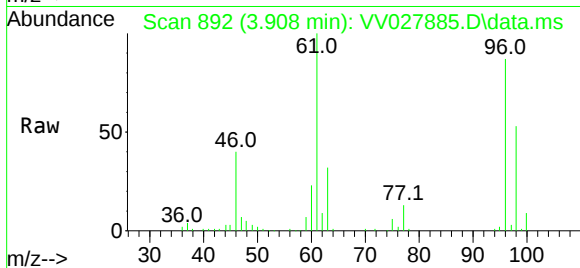
Tgt Ion: 96 Resp: 78785

Ion Ratio Lower Upper

96 100

61 114.9 94.6 175.6

68 0.0 0.3 0.5



#29

1,1,1-Trichloroethane

Concen: 5.515 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. 0.003 min

Lab File: VV027885.D

Acq: 16 Sep 2022 16:51

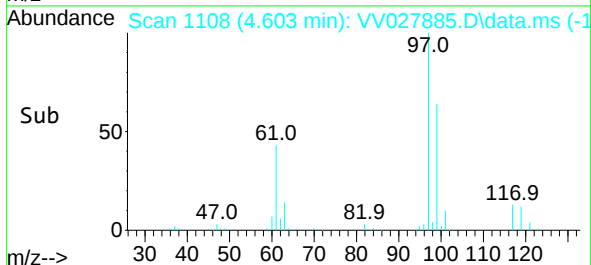
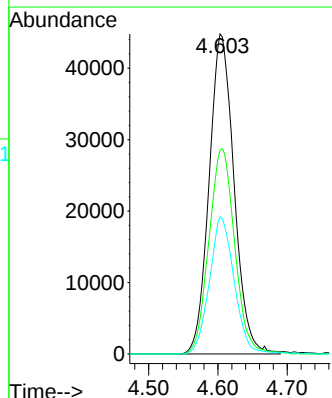
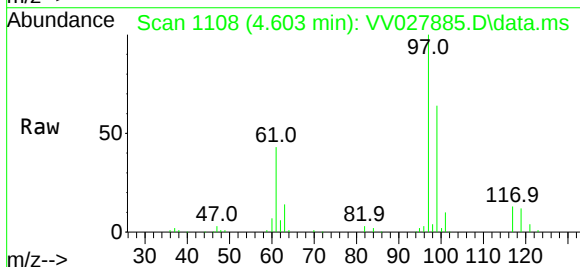
Tgt Ion: 97 Resp: 111891

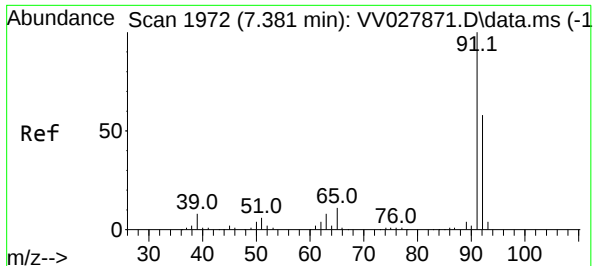
Ion Ratio Lower Upper

97 100

99 66.4 50.8 76.2

61 42.4 36.2 54.4

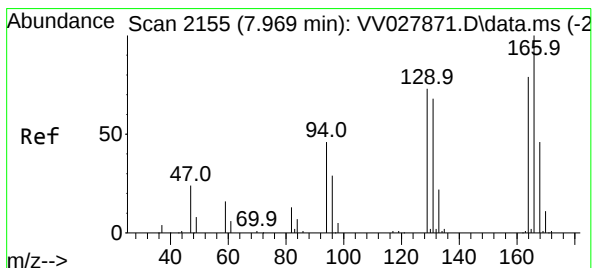
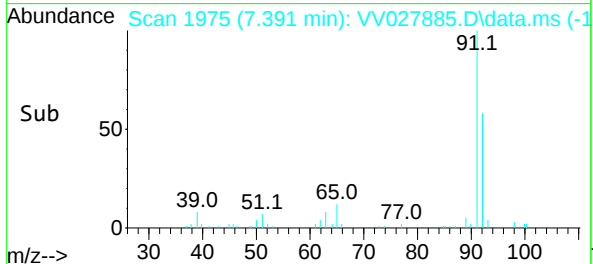
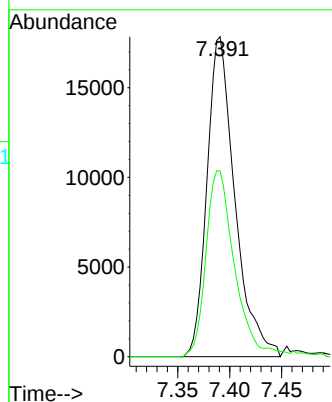
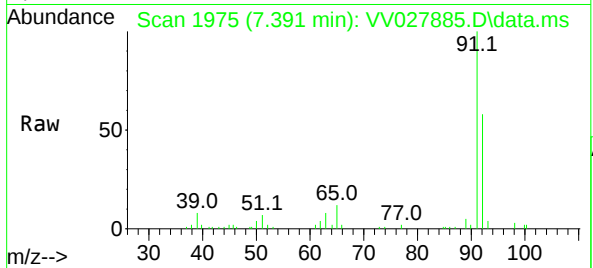




#42
Toluene
Concen: 0.789 ug/L
RT: 7.391 min Scan# 1972
Delta R.T. 0.010 min
Lab File: VV027885.D
Acq: 16 Sep 2022 16:51

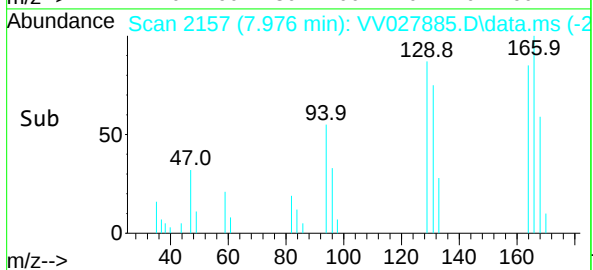
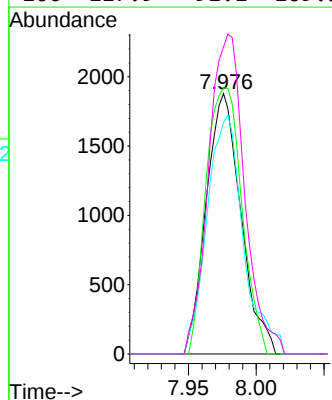
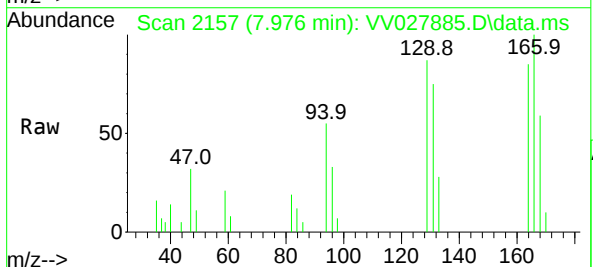
Instrument :
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ClientSampleId :
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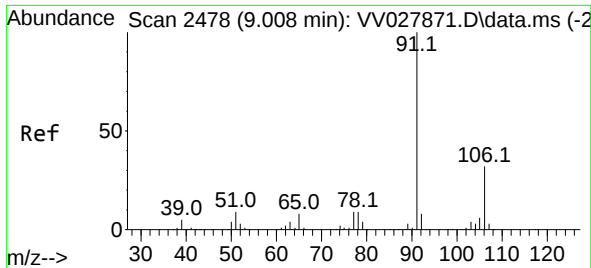
Tgt Ion: 91 Resp: 33292
Ion Ratio Lower Upper
91 100
92 58.1 40.8 75.8



#47
Tetrachloroethene
Concen: 0.382 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.006 min
Lab File: VV027885.D
Acq: 16 Sep 2022 16:51

Tgt Ion: 164 Resp: 3346
Ion Ratio Lower Upper
164 100
129 102.2 67.2 124.8
131 88.8 61.5 114.3
166 117.9 91.1 169.3

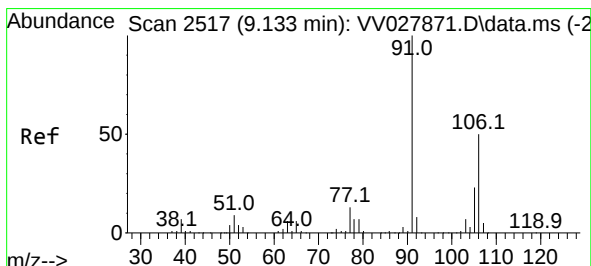
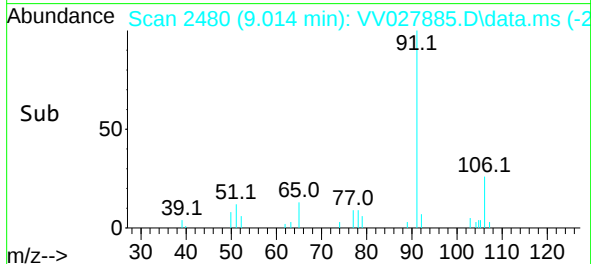
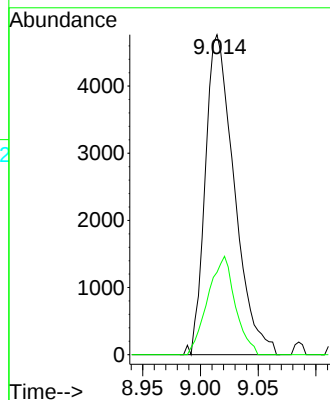
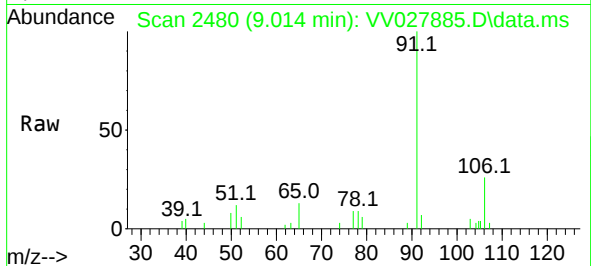




#52
Ethylbenzene
Concen: 0.190 ug/L
RT: 9.014 min Scan# 2478
Delta R.T. 0.006 min
Lab File: VV027885.D
Acq: 16 Sep 2022 16:51

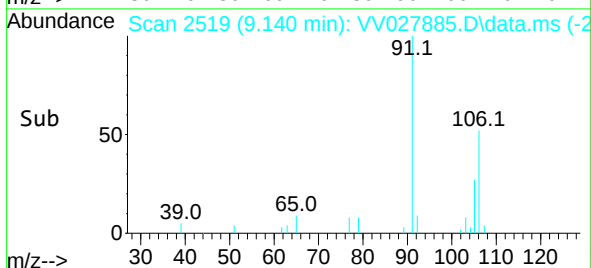
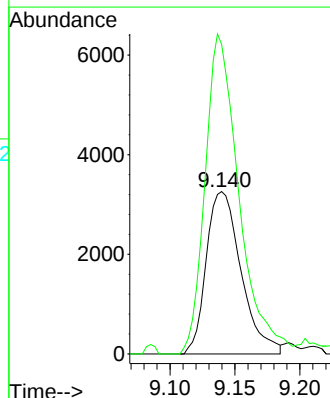
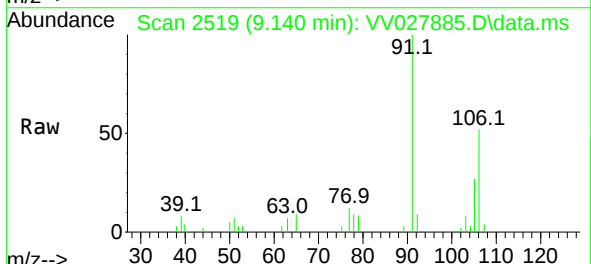
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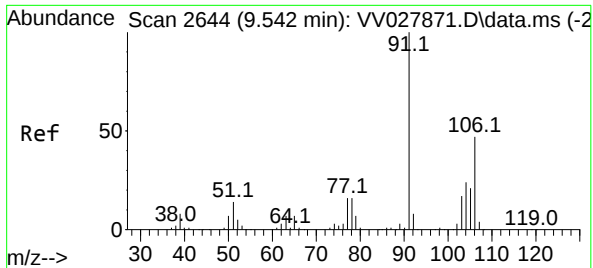
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Ion Ratio Lower Upper
91 100
106 25.8 22.0 40.8



#53
m,p-Xylene
Concen: 0.353 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.006 min
Lab File: VV027885.D
Acq: 16 Sep 2022 16:51

Tgt Ion: 106 Resp: 6081
Ion Ratio Lower Upper
106 100
91 190.6 142.4 264.4

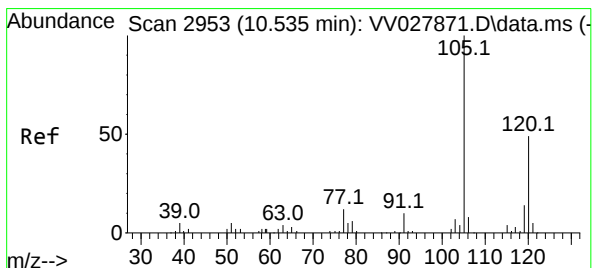
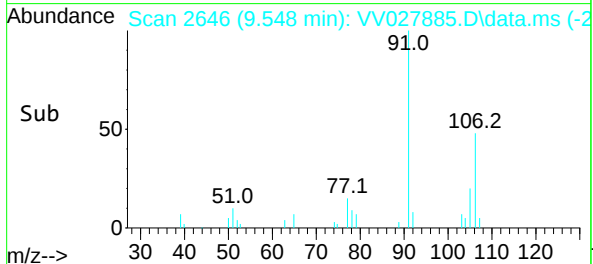
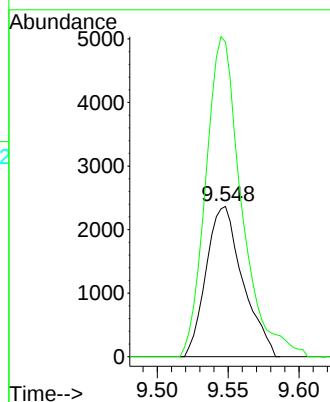
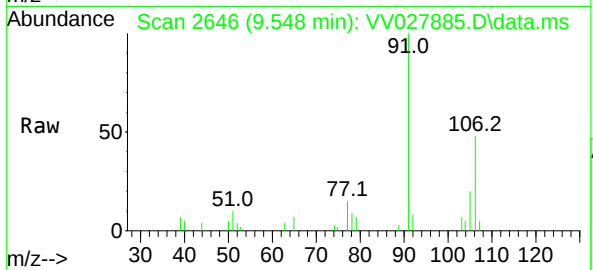




#54
o-Xylene
Concen: 0.259 ug/L
RT: 9.548 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV027885.D
Acq: 16 Sep 2022 16:51

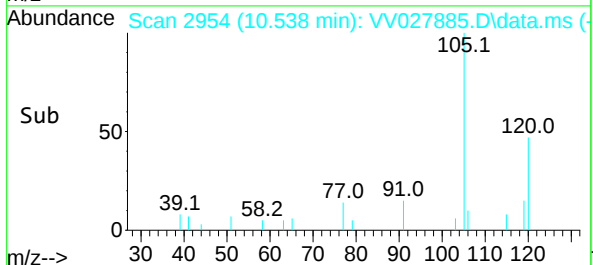
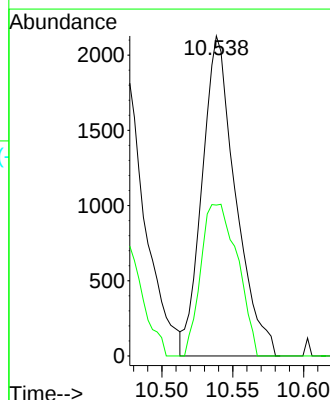
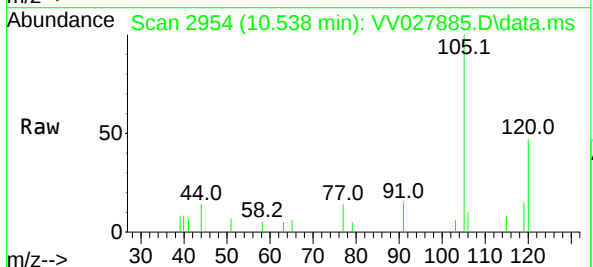
Instrument :
MSVOA_V
ClientSampleId :
XYZ9DL

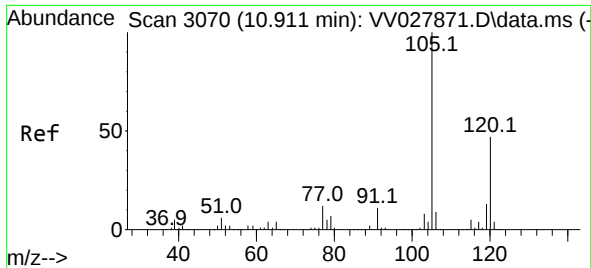
Tgt Ion:106 Resp: 4249
Ion Ratio Lower Upper
106 100
91 209.4 147.5 273.9



#62
1,3,5-Trimethylbenzene
Concen: 0.296 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. 0.003 min
Lab File: VV027885.D
Acq: 16 Sep 2022 16:51

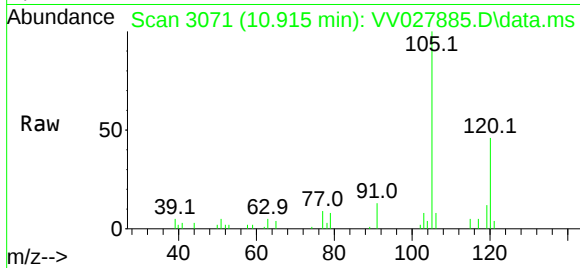
Tgt Ion:105 Resp: 3489
Ion Ratio Lower Upper
105 100
120 52.0 39.6 59.4





#63
 1,2,4-Trimethylbenzene
 Concen: 0.455 ug/L
 RT: 10.915 min Scan# 3071
 Delta R.T. 0.003 min
 Lab File: VV027885.D
 Acq: 16 Sep 2022 16:51

Instrument :
 MSVOA_V
 ClientSampleId :
 EXYZ9DL



Tgt Ion:105 Resp: 15229
 Ion Ratio Lower Upper
 105 100
 120 46.1 37.4 56.0

