

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091622\
 Data File : VV027874.D
 Acq On : 16 Sep 2022 12:00
 Operator : SY/MD
 Sample : N4652-18
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 16 22:07:08 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

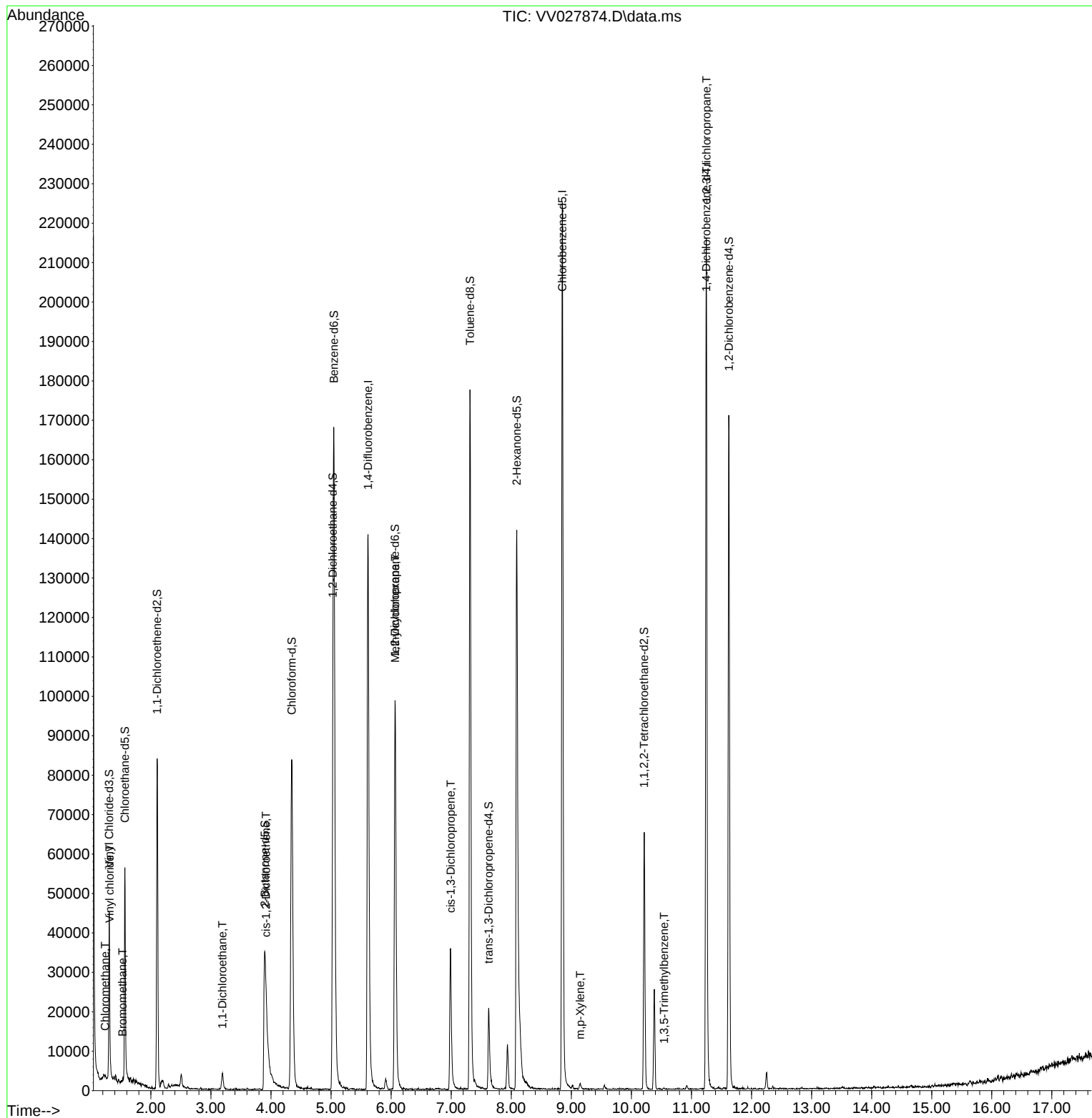
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	130543	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	131314	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	61731	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	29865	3.471	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	69.400%	
7) Chloroethane-d5	1.568	69	34415	4.715	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	94.200%	
11) 1,1-Dichloroethene-d2	2.105	63	43465	2.380	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	47.600%#	
20) 2-Butanone-d5	3.896	46	67822	35.564	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	71.120%	
24) Chloroform-d	4.346	84	90163	5.117	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.400%	
26) 1,2-Dichloroethane-d4	5.031	65	44051	4.695	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.800%	
32) Benzene-d6	5.047	84	154777	4.063	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	81.200%	
36) 1,2-Dichloropropane-d6	6.066	67	44262	3.968	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	79.400%	
41) Toluene-d8	7.313	98	124543	3.888	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	77.800%	
43) trans-1,3-Dichloroprop...	7.625	79	12981	3.469	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	69.400%	
46) 2-Hexanone-d5	8.092	63	51777	37.226	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	74.460%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	28927	4.039	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	80.800%	
66) 1,2-Dichlorobenzene-d4	11.622	152	49053	4.837	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	96.800%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	443	0.038	ug/L #	55
5) Vinyl chloride	1.314	62	678	0.058	ug/L #	61
6) Bromomethane	1.526	94	256	0.040	ug/L #	65
19) 1,1-Dichloroethane	3.191	63	4078	0.238	ug/L #	78
22) cis-1,2-Dichloroethene	3.915	96	877	0.088	ug/L #	73
35) Methylcyclohexane	6.069	83	12680	0.761	ug/L #	19
39) cis-1,3-Dichloropropene	6.992	75	993	0.076	ug/L #	83
53) m,p-Xylene	9.146	106	598	0.035	ug/L	67
61) 1,2,3-Trichloropropane	11.249	75	5154	1.054	ug/L #	60
62) 1,3,5-Trimethylbenzene	10.545	105	342	0.031	ug/L #	28

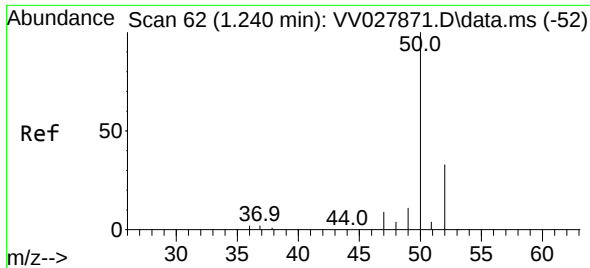
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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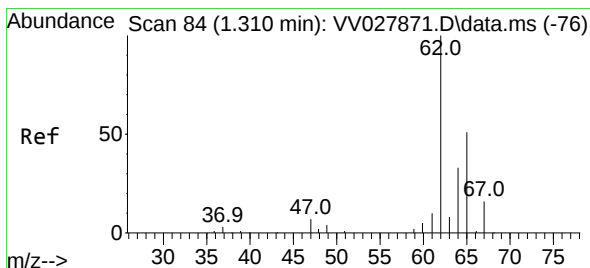
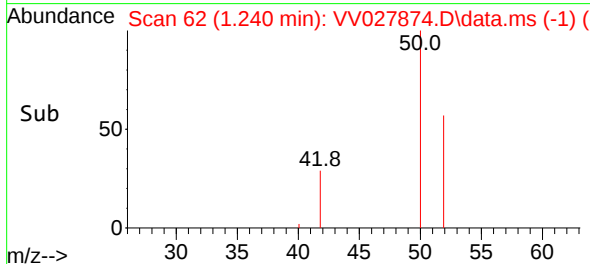
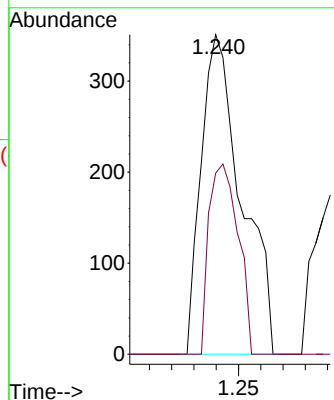
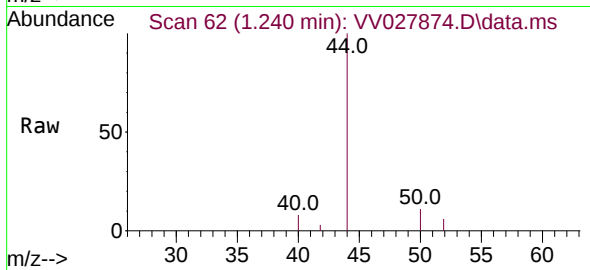




#3
Chloromethane
Concen: 0.038 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV027874.D
Acq: 16 Sep 2022 12:00

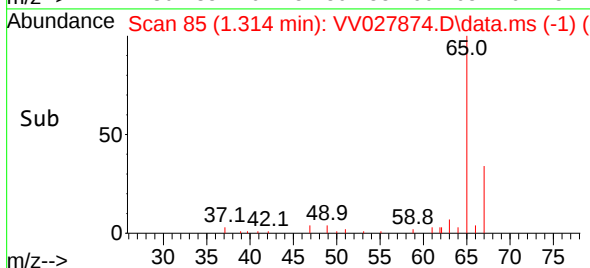
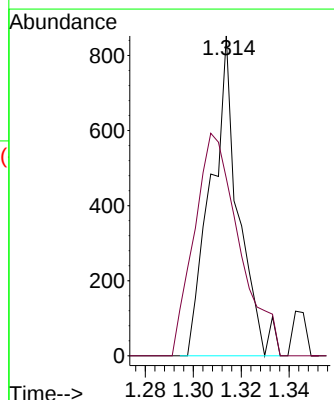
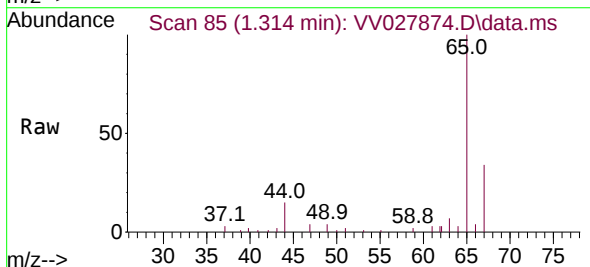
Instrument :
MSVOA_V
ClientSampleId :

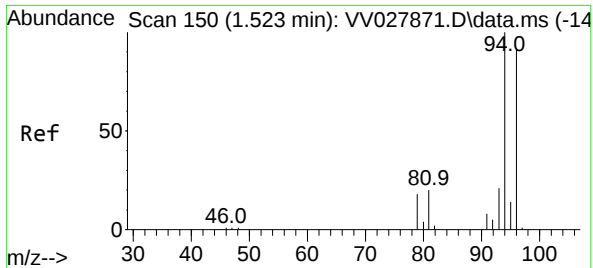
Tgt Ion: 50 Resp: 443
Ion Ratio Lower Upper
50 100
52 56.7 22.1 41.1#



#5
Vinyl chloride
Concen: 0.058 ug/L
RT: 1.314 min Scan# 85
Delta R.T. 0.003 min
Lab File: VV027874.D
Acq: 16 Sep 2022 12:00

Tgt Ion: 62 Resp: 678
Ion Ratio Lower Upper
62 100
64 55.5 23.2 43.2#

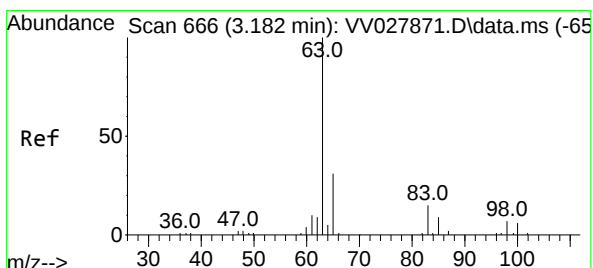
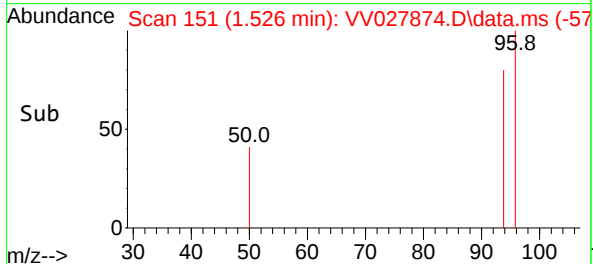
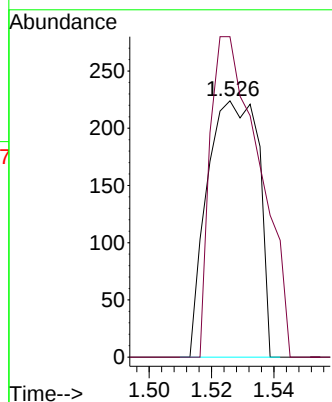
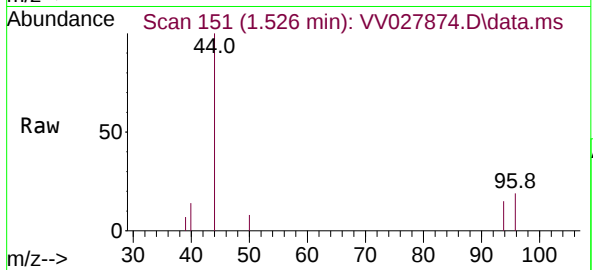




#6
Bromomethane
Concen: 0.040 ug/L
RT: 1.526 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV027874.D
Acq: 16 Sep 2022 12:00

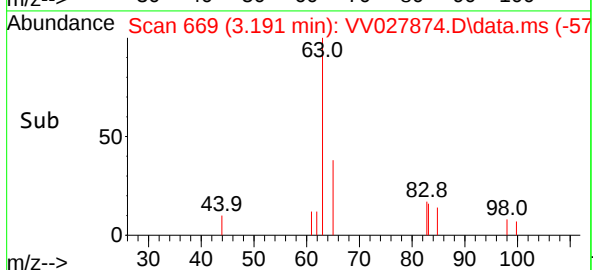
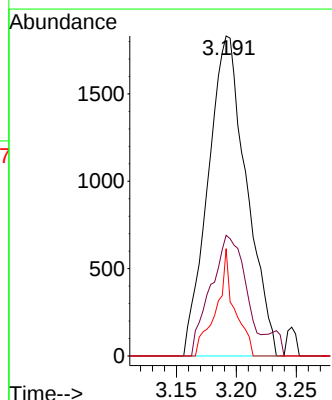
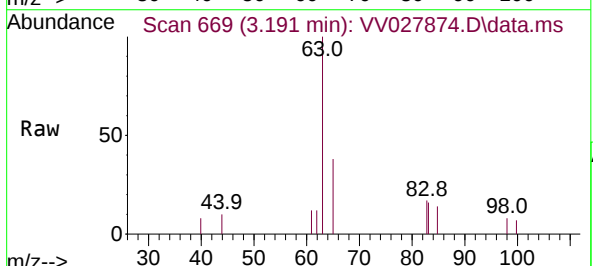
Instrument :
MSVOA_V
ClientSampleId :

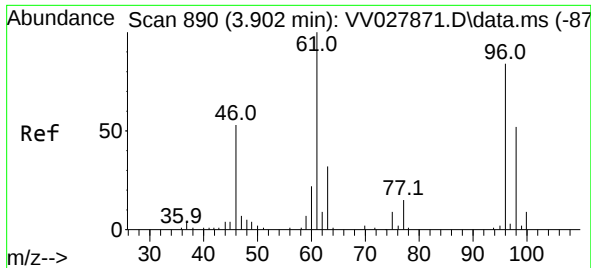
Tgt Ion: 94 Resp: 256
Ion Ratio Lower Upper
94 100
96 125.0 64.2 119.2#



#19
1,1-Dichloroethane
Concen: 0.238 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.010 min
Lab File: VV027874.D
Acq: 16 Sep 2022 12:00

Tgt Ion: 63 Resp: 4078
Ion Ratio Lower Upper
63 100
65 37.7 22.0 41.0
83 33.6 10.1 18.9#

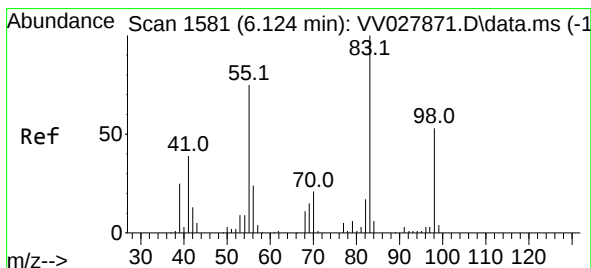
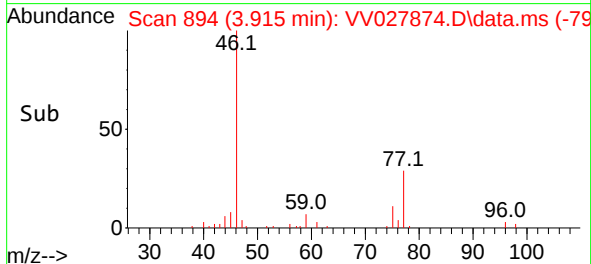
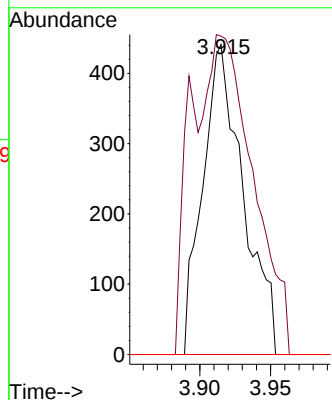
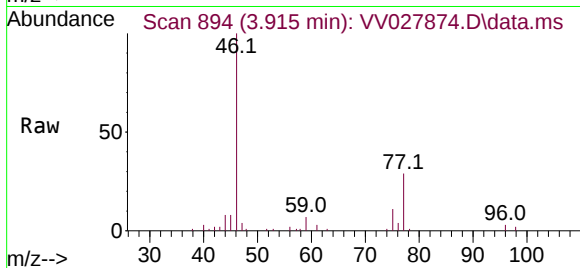




#22
 cis-1,2-Dichloroethene
 Concen: 0.088 ug/L
 RT: 3.915 min Scan# 891
 Delta R.T. 0.013 min
 Lab File: VV027874.D
 Acq: 16 Sep 2022 12:00

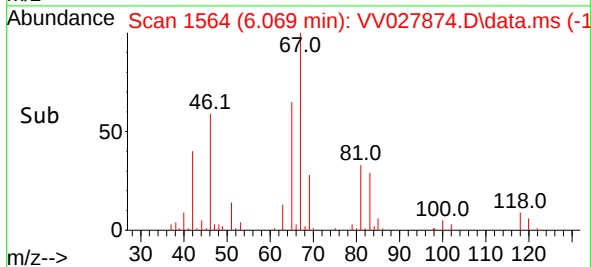
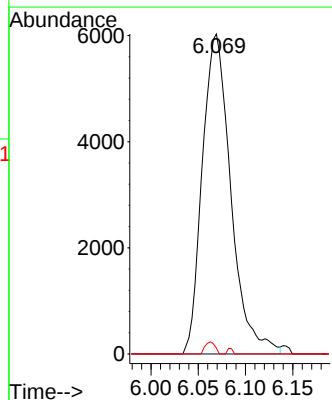
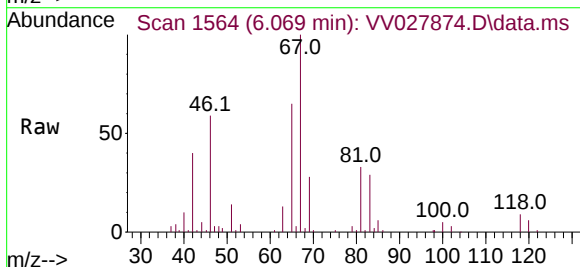
Instrument :
 MSVOA_V
 ClientSampleId :

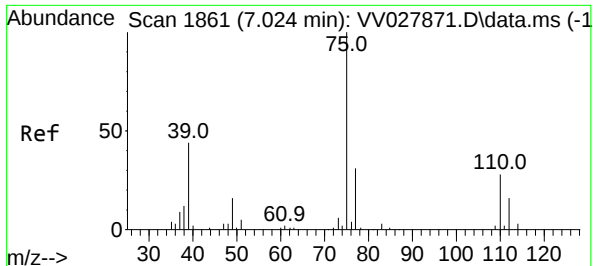
Tgt Ion: 96 Resp: 877
 Ion Ratio Lower Upper
 96 100
 61 102.7 94.6 175.6
 68 0.0 0.3 0.5#



#35
 Methylcyclohexane
 Concen: 0.761 ug/L
 RT: 6.069 min Scan# 1564
 Delta R.T. -0.055 min
 Lab File: VV027874.D
 Acq: 16 Sep 2022 12:00

Tgt Ion: 83 Resp: 12680
 Ion Ratio Lower Upper
 83 100
 55 0.0 61.9 92.9#
 98 1.3 37.5 56.3#





#39

cis-1,3-Dichloropropene

Concen: 0.076 ug/L

RT: 6.992 min Scan# 11

Delta R.T. -0.032 min

Lab File: VV027874.D

Acq: 16 Sep 2022 12:00

Instrument :

MSVOA_V

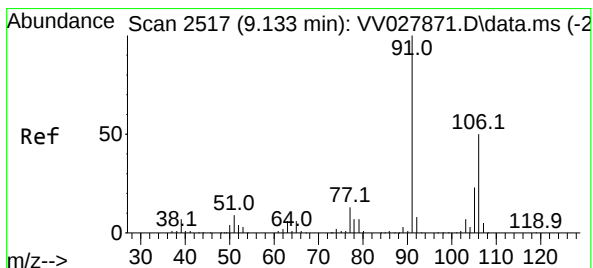
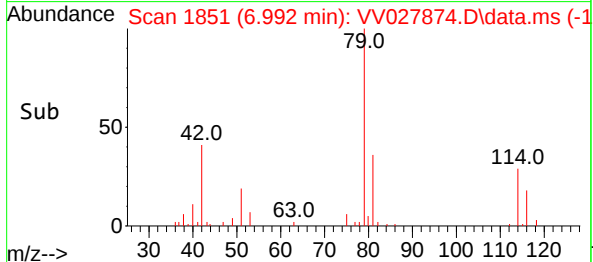
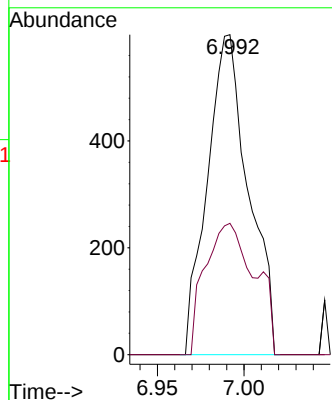
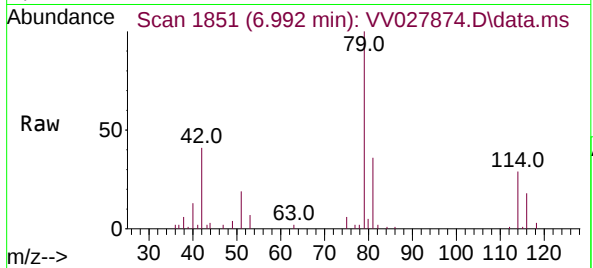
ClientSampleId :

Tgt Ion: 75 Resp: 993

Ion Ratio Lower Upper

75 100

77 41.1 22.0 40.8#



#53

m,p-Xylene

Concen: 0.035 ug/L

RT: 9.146 min Scan# 2521

Delta R.T. 0.013 min

Lab File: VV027874.D

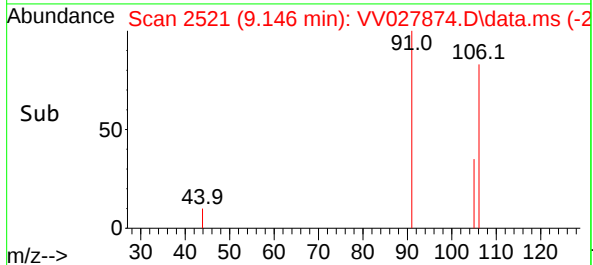
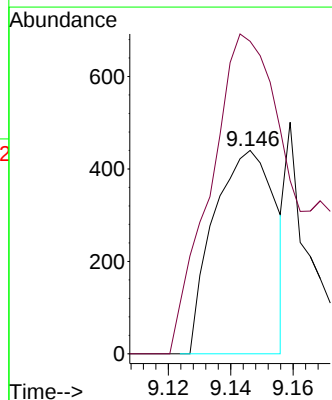
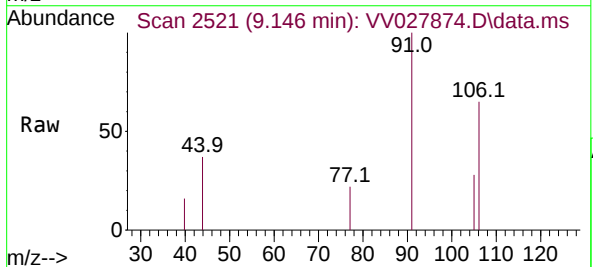
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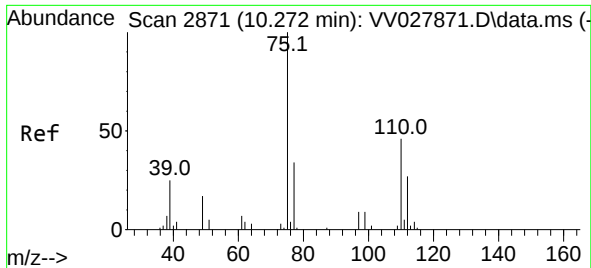
Tgt Ion: 106 Resp: 598

Ion Ratio Lower Upper

106 100

91 153.6 142.4 264.4

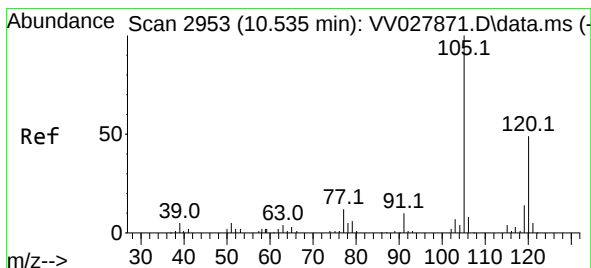
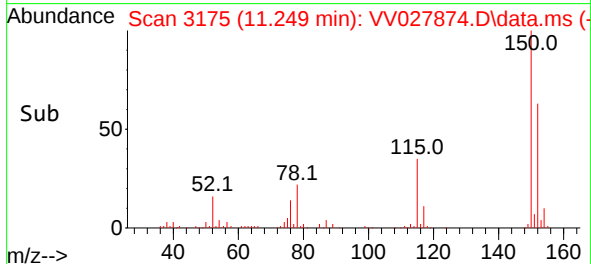
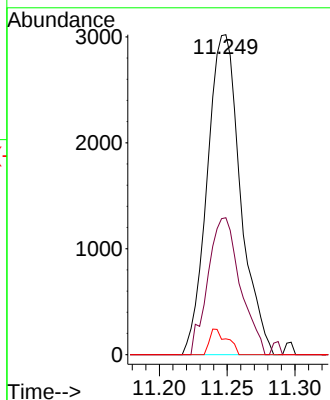
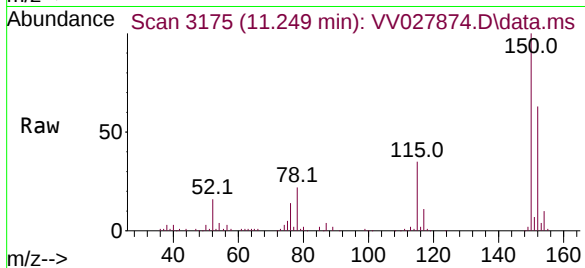




#61
 1,2,3-Trichloropropane
 Concen: 1.054 ug/L
 RT: 11.249 min Scan# 3175
 Delta R.T. 0.978 min
 Lab File: VV027874.D
 Acq: 16 Sep 2022 12:00

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 75 Resp: 5154
 Ion Ratio Lower Upper
 75 100
 77 41.4 27.6 41.4
 110 4.2 35.6 53.4#



#62
 1,3,5-Trimethylbenzene
 Concen: 0.031 ug/L
 RT: 10.545 min Scan# 2956
 Delta R.T. 0.010 min
 Lab File: VV027874.D
 Acq: 16 Sep 2022 12:00

Tgt Ion: 105 Resp: 342
 Ion Ratio Lower Upper
 105 100
 120 0.0 39.6 59.4#

