

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091622\
 Data File : VV027887.D
 Acq On : 16 Sep 2022 17:39
 Operator : SY/MD
 Sample : N4658-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 16 22:09:55 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

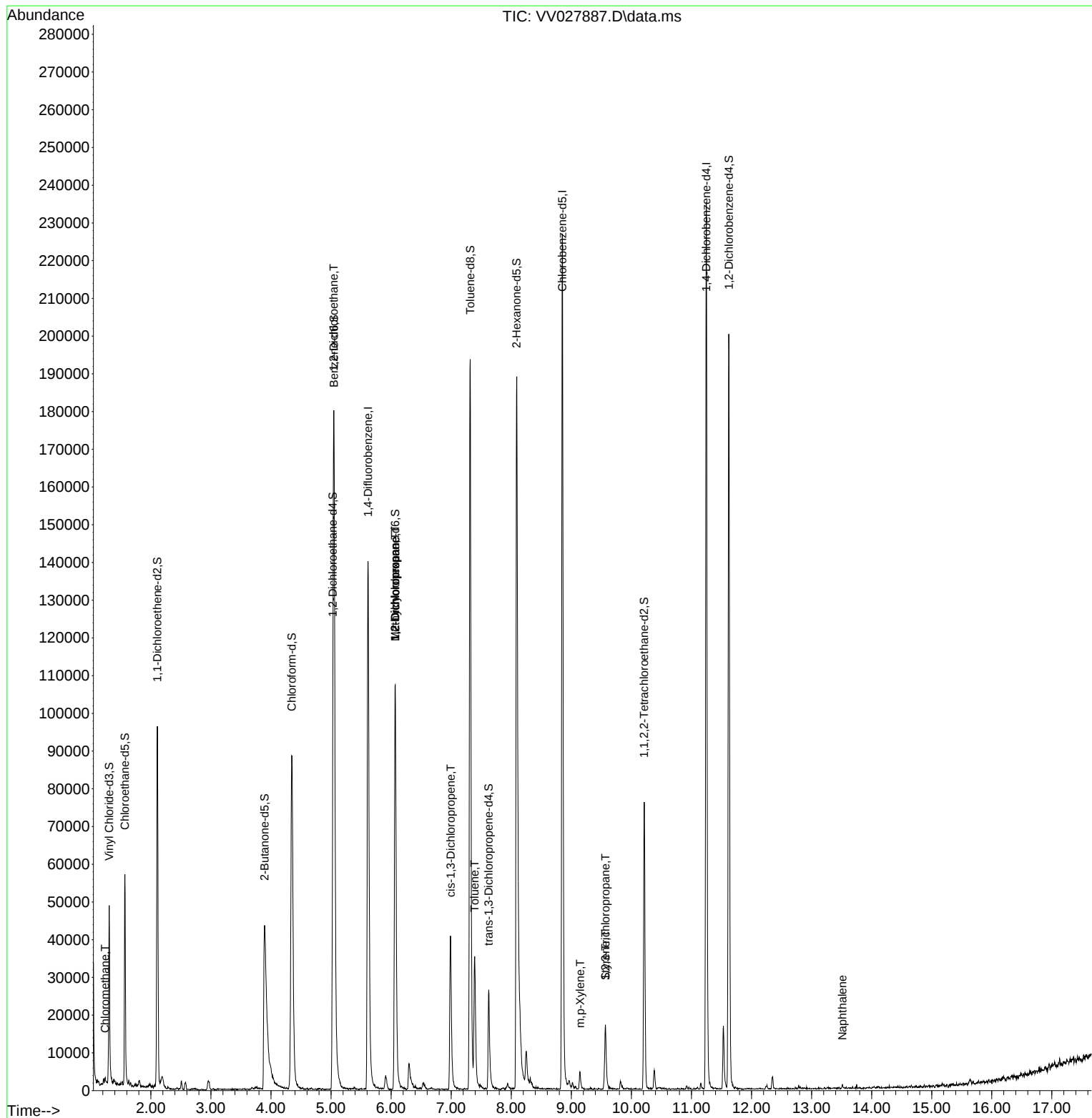
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	131845	5.000	ug/L	# 0.00
28) Chlorobenzene-d5	8.850	117	132021	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	64569	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	31723	3.650	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	73.000%	
7) Chloroethane-d5	1.568	69	35620	4.831	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	96.600%	
11) 1,1-Dichloroethene-d2	2.108	63	50050	2.714	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	54.200%#	
20) 2-Butanone-d5	3.892	46	93985	48.797	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	97.600%	
24) Chloroform-d	4.346	84	97215	5.463	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	109.200%	
26) 1,2-Dichloroethane-d4	5.031	65	48731	5.142	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.800%	
32) Benzene-d6	5.050	84	166828	4.356	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.200%	
36) 1,2-Dichloropropane-d6	6.066	67	46866	4.179	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	83.600%	
41) Toluene-d8	7.317	98	135259	4.200	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	84.000%	
43) trans-1,3-Dichloroprop...	7.625	79	15991	4.251	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	85.000%	
46) 2-Hexanone-d5	8.088	63	70130	50.151	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	100.300%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	34237	4.754	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	95.000%	
66) 1,2-Dichlorobenzene-d4	11.622	152	54836	5.170	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	103.400%	
Target Compounds						
3) Chloromethane	1.240	50	1035	0.088	ug/L	89
27) 1,2-Dichloroethane	5.043	62	1281	0.110	ug/L #	75
35) Methylcyclohexane	6.066	83	13266	0.792	ug/L #	18
37) 1,2-Dichloropropane	6.069	63	6356	0.614	ug/L #	85
39) cis-1,3-Dichloropropene	6.992	75	1227	0.094	ug/L #	68
42) Toluene	7.391	91	27411	0.649	ug/L	99
53) m,p-Xylene	9.146	106	1547	0.090	ug/L	96
55) Styrene	9.567	104	9362	0.330	ug/L	83
61) 1,2,3-Trichloropropane	9.567	75	373	0.073	ug/L #	1
71) Naphthalene	13.512	128	1155	0.060	ug/L #	77

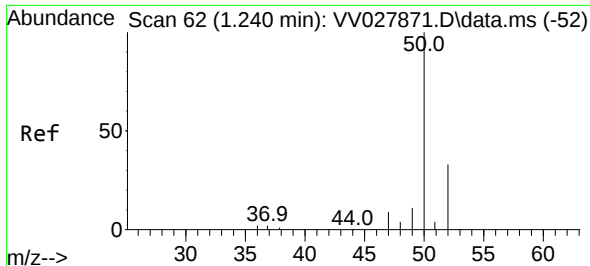
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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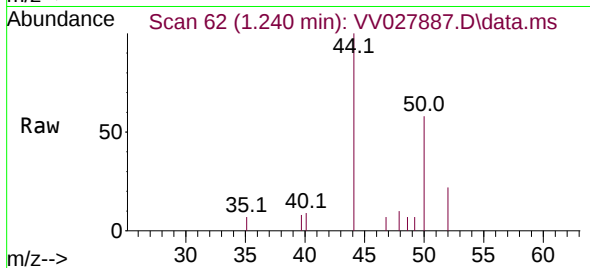
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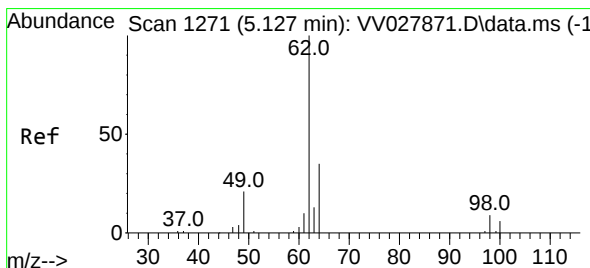
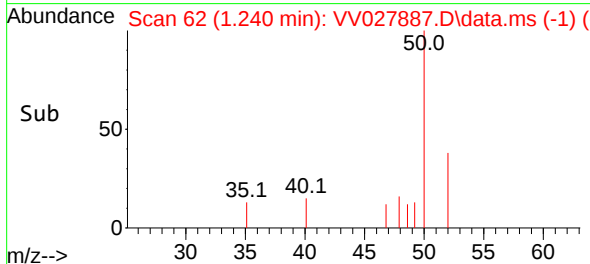
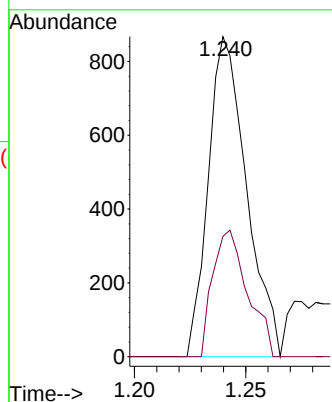


#3
Chloromethane
Concen: 0.088 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV027887.D
Acq: 16 Sep 2022 17:39

Instrument :
MSVOA_V
ClientSampleId :

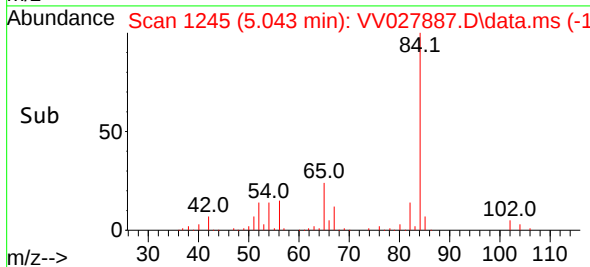
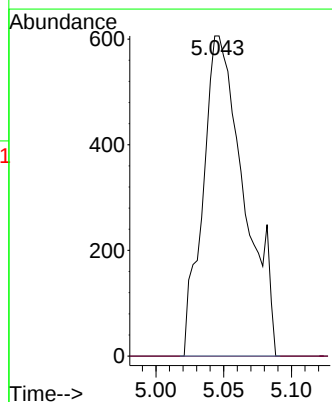
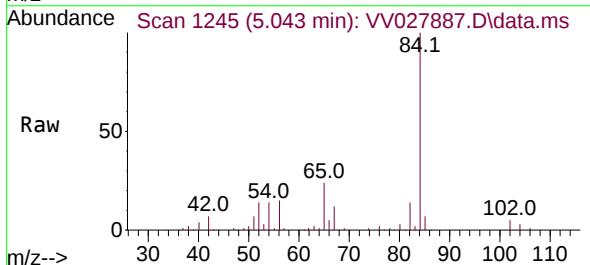


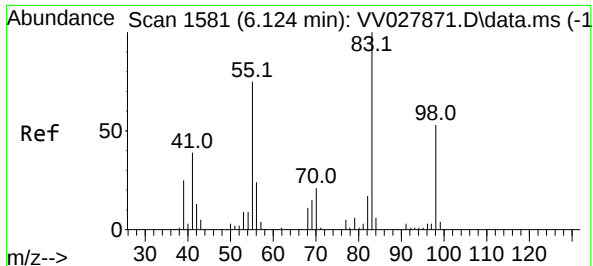
Tgt Ion: 50 Resp: 1035
Ion Ratio Lower Upper
50 100
52 37.6 22.1 41.1



#27
1,2-Dichloroethane
Concen: 0.110 ug/L
RT: 5.043 min Scan# 1245
Delta R.T. -0.084 min
Lab File: VV027887.D
Acq: 16 Sep 2022 17:39

Tgt Ion: 62 Resp: 1281
Ion Ratio Lower Upper
62 100
98 0.0 7.1 10.7#





#35

Methylcyclohexane

Concen: 0.792 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.058 min

Lab File: VV027887.D

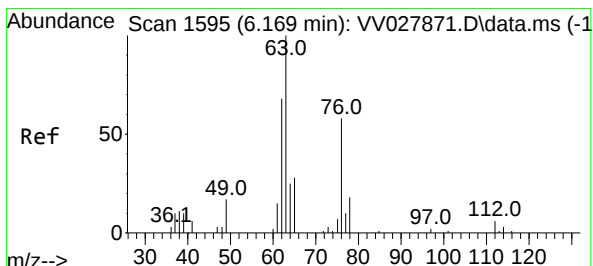
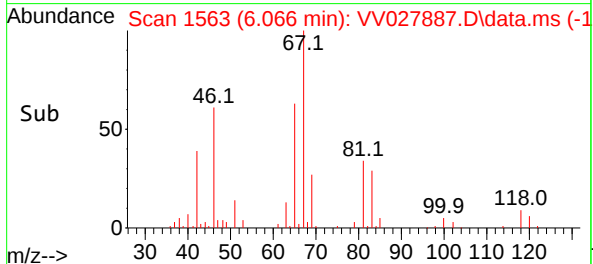
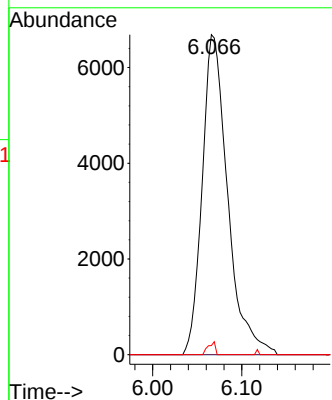
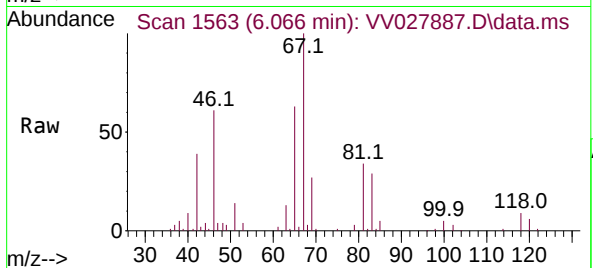
Acq: 16 Sep 2022 17:39

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 13266
Ion Ratio	Lower Upper
83 100	
55 0.0	61.9 92.9#
98 1.1	37.5 56.3#



#37

1,2-Dichloropropane

Concen: 0.614 ug/L

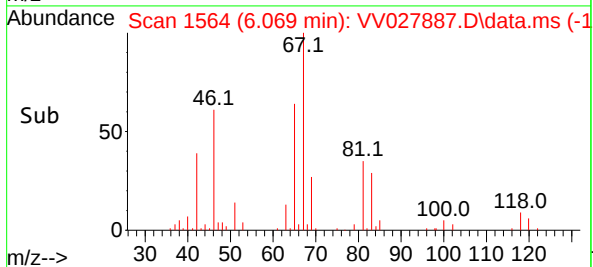
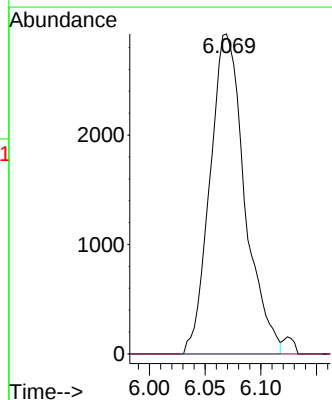
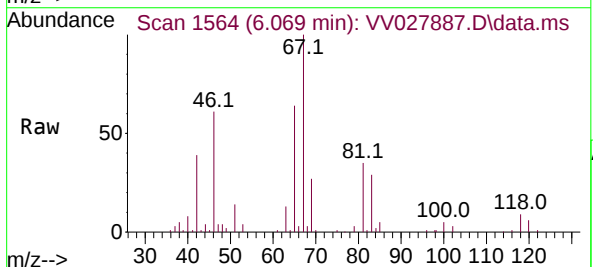
RT: 6.069 min Scan# 1564

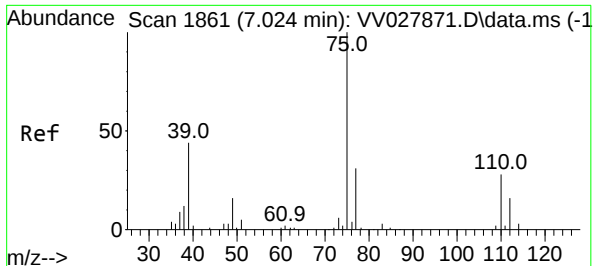
Delta R.T. -0.100 min

Lab File: VV027887.D

Acq: 16 Sep 2022 17:39

Tgt Ion: 63	Resp: 6356
Ion Ratio	Lower Upper
63 100	
112 0.0	4.0 6.0#





#39

cis-1,3-Dichloropropene

Concen: 0.094 ug/L

RT: 6.992 min Scan# 1861

Delta R.T. -0.032 min

Lab File: VV027887.D

Acq: 16 Sep 2022 17:39

Instrument :

MSVOA_V

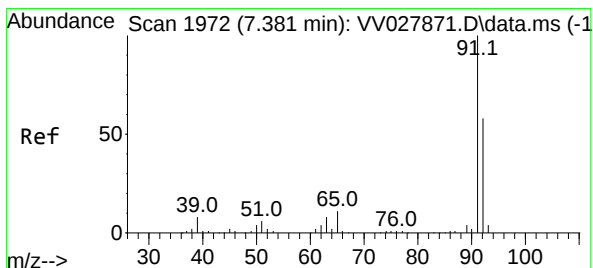
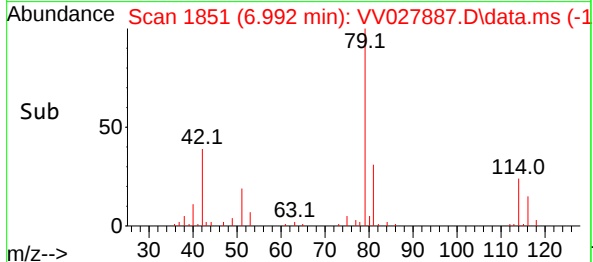
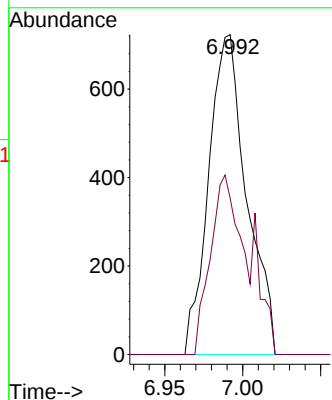
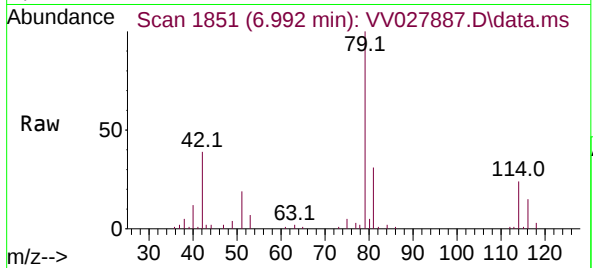
ClientSampleId :

Tgt Ion: 75 Resp: 1227

Ion Ratio Lower Upper

75 100

77 49.0 22.0 40.8#



#42

Toluene

Concen: 0.649 ug/L

RT: 7.391 min Scan# 1975

Delta R.T. 0.010 min

Lab File: VV027887.D

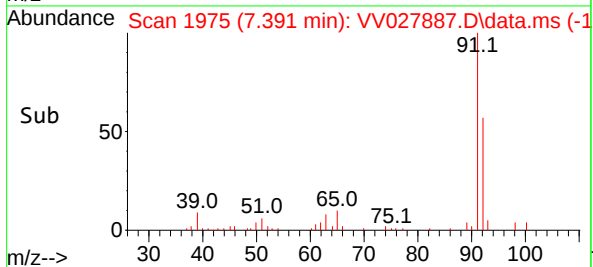
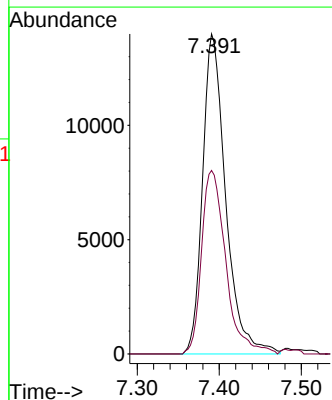
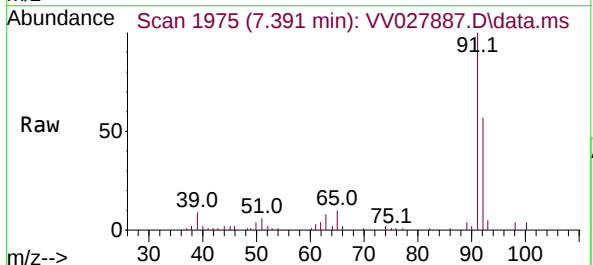
Acq: 16 Sep 2022 17:39

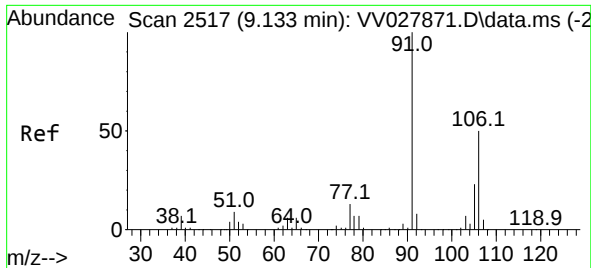
Tgt Ion: 91 Resp: 27411

Ion Ratio Lower Upper

91 100

92 57.3 40.8 75.8

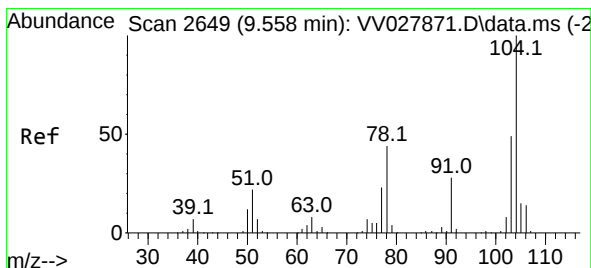
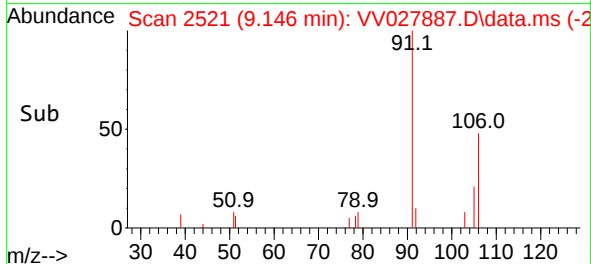
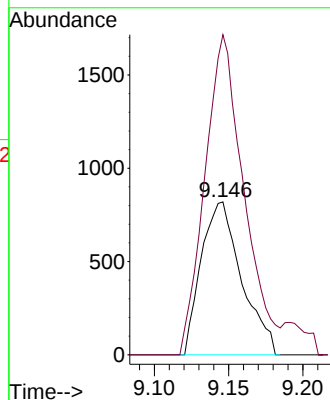
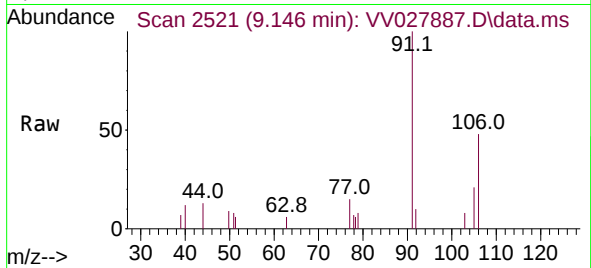




#53
m,p-Xylene
Concen: 0.090 ug/L
RT: 9.146 min Scan# 21
Delta R.T. 0.013 min
Lab File: VV027887.D
Acq: 16 Sep 2022 17:39

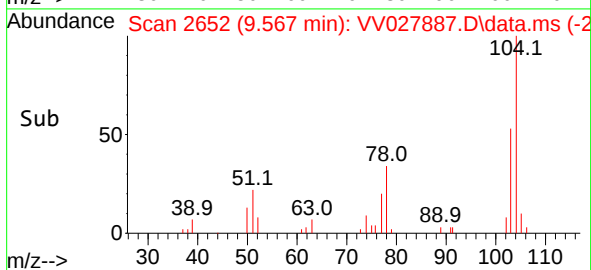
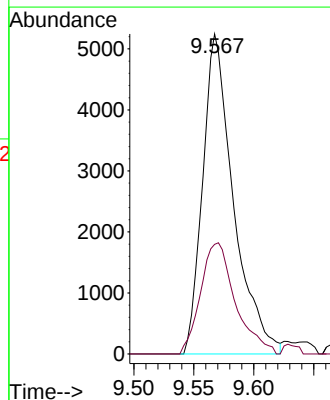
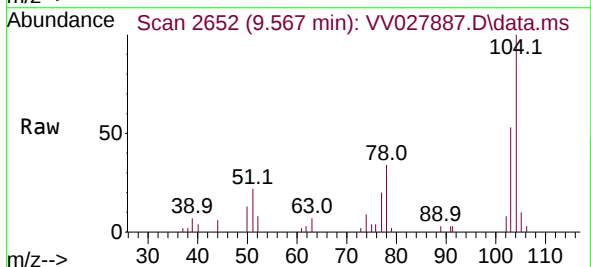
Instrument :
MSVOA_V
ClientSampleId :

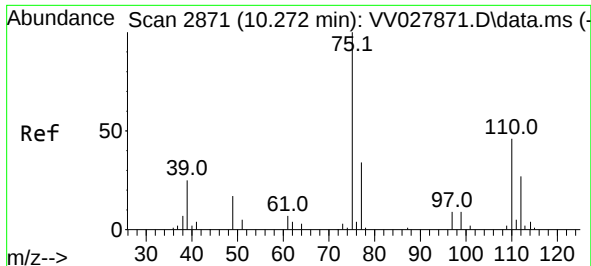
Tgt Ion:106 Resp: 1547
Ion Ratio Lower Upper
106 100
91 209.3 142.4 264.4



#55
Styrene
Concen: 0.330 ug/L
RT: 9.567 min Scan# 2652
Delta R.T. 0.010 min
Lab File: VV027887.D
Acq: 16 Sep 2022 17:39

Tgt Ion:104 Resp: 9362
Ion Ratio Lower Upper
104 100
78 34.2 31.7 58.9





#61

1,2,3-Trichloropropane

Concen: 0.073 ug/L

RT: 9.567 min Scan# 2

Delta R.T. -0.704 min

Lab File: VV027887.D

Acq: 16 Sep 2022 17:39

Instrument :

MSVOA_V

ClientSampleId :

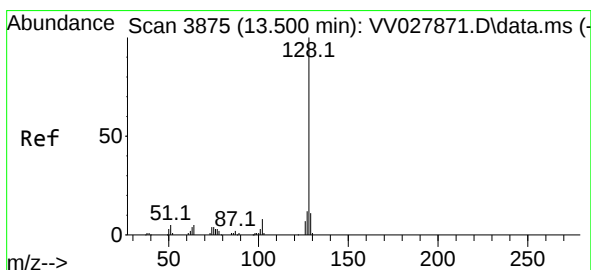
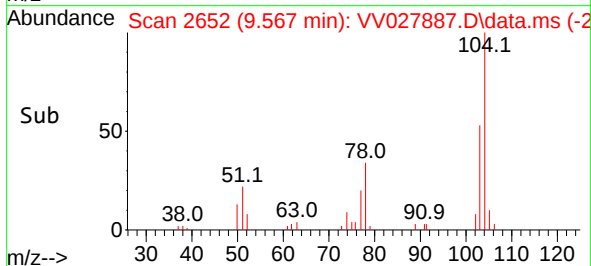
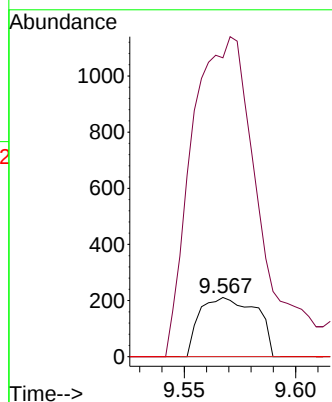
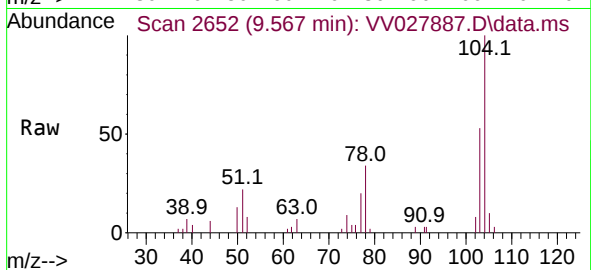
Tgt Ion: 75 Resp: 373

Ion Ratio Lower Upper

75 100

77 650.9 27.6 41.4#

110 0.0 35.6 53.4#



#71

Naphthalene

Concen: 0.060 ug/L

RT: 13.512 min Scan# 3879

Delta R.T. 0.013 min

Lab File: VV027887.D

Acq: 16 Sep 2022 17:39

Tgt Ion: 128 Resp: 1155

Ion Ratio Lower Upper

128 100

129 0.0 9.2 13.8#

127 6.3 10.6 16.0#

