

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100422\
 Data File : VV028335.D
 Acq On : 04 Oct 2022 19:17
 Operator : SY/MD
 Sample : N4866-23DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 04 23:34:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 04 02:28:45 2022
 Response via : Initial Calibration

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

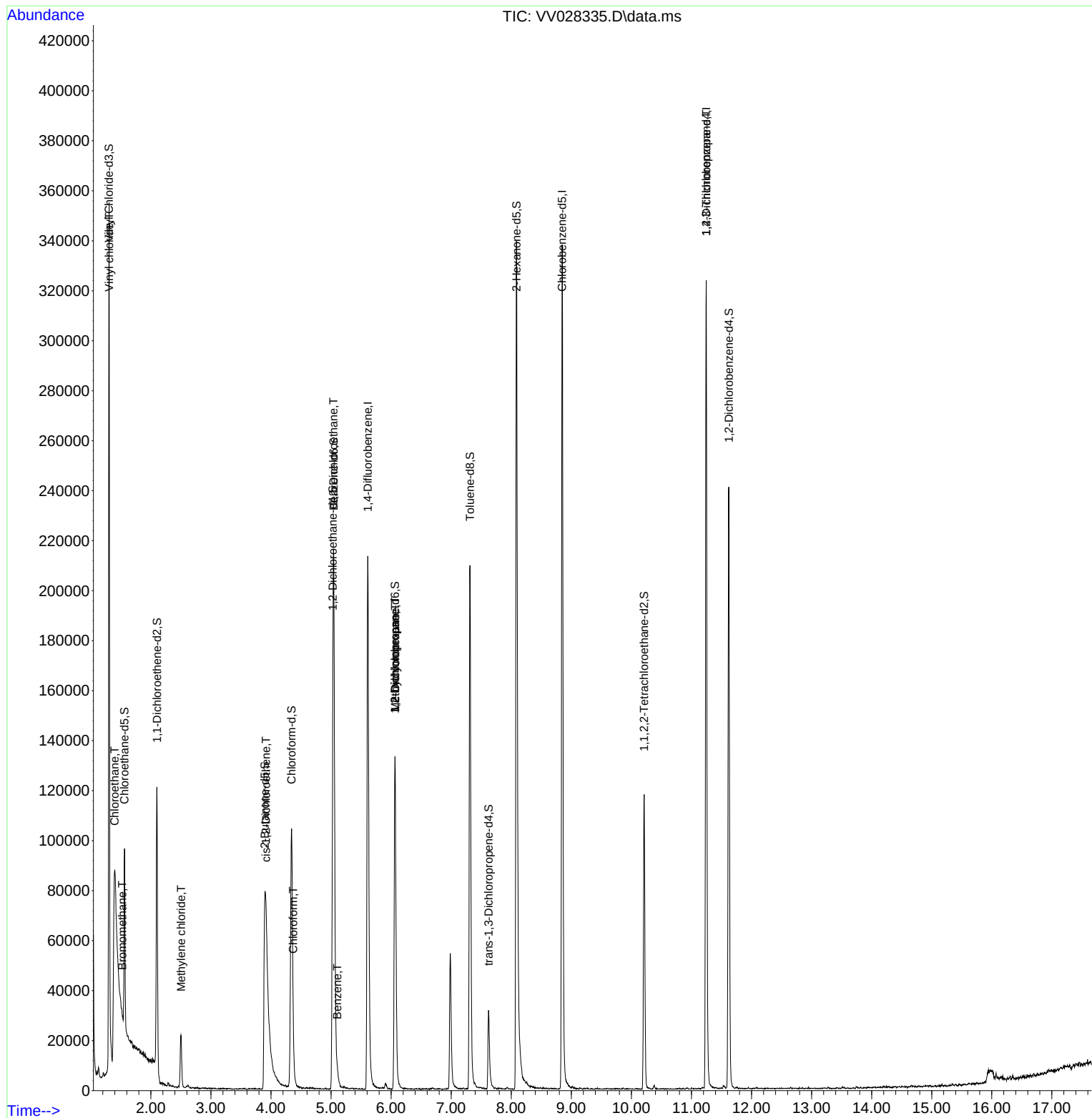
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	196049	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	202064	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	90518	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	41716	2.832	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	56.600%	
7) Chloroethane-d5	1.561	69	43608	3.497	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	70.000%	
11) 1,1-Dichloroethene-d2	2.101	63	58387	2.103	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	42.000%#	
20) 2-Butanone-d5	3.899	46	165325	66.332	ug/L	0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	132.660%#	
24) Chloroform-d	4.342	84	114556	4.293	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.800%	
26) 1,2-Dichloroethane-d4	5.031	65	57531	4.650	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.000%	
32) Benzene-d6	5.043	84	198173	3.575	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	71.600%	
36) 1,2-Dichloropropane-d6	6.063	67	69106	4.346	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	87.000%	
41) Toluene-d8	7.313	98	150204	2.946	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	59.000%#	
43) trans-1,3-Dichloroprop...	7.622	79	20897	3.451	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	69.000%	
46) 2-Hexanone-d5	8.088	63	131427	53.020	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	106.040%	
56) 1,1,2,2-Tetrachloroeth...	10.210	84	58290	4.836	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	96.800%	
66) 1,2-Dichlorobenzene-d4	11.622	152	68054	4.369	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	87.400%	
Target Compounds						
5) Vinyl chloride	1.304	62	185604	11.029	ug/L	98
6) Bromomethane	1.523	94	491	0.061	ug/L	96
8) Chloroethane	1.397	64	273450	24.382	ug/L #	50
16) Methylene chloride	2.503	84	9312	0.588	ug/L	85
22) cis-1,2-Dichloroethene	3.918	96	894	0.061	ug/L #	61
25) Chloroform	4.368	83	2700	0.099	ug/L #	62
27) 1,2-Dichloroethane	5.040	62	1091	0.074	ug/L #	76
33) Benzene	5.101	78	4924	0.082	ug/L	100
35) Methylcyclohexane	6.066	83	17625	0.717	ug/L #	17
37) 1,2-Dichloropropane	6.066	63	7173	0.515	ug/L #	89
61) 1,2,3-Trichloropropane	11.246	75	9435	1.351	ug/L #	64

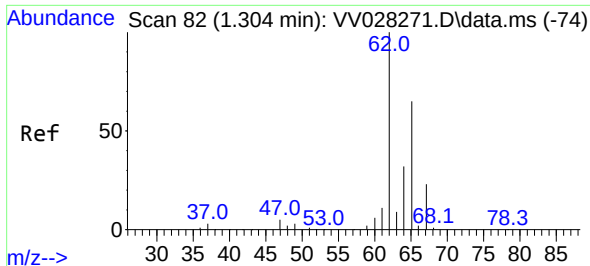
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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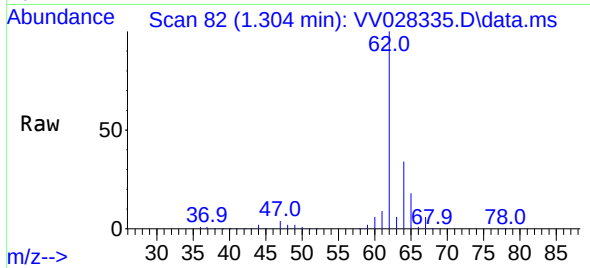
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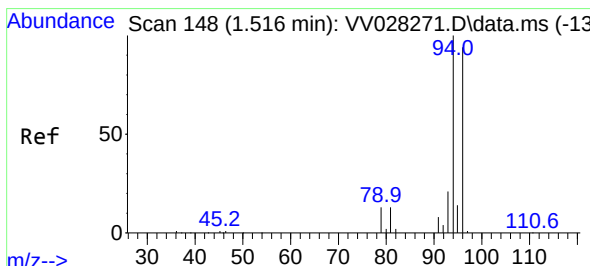
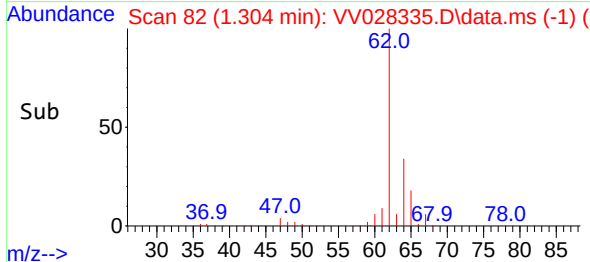
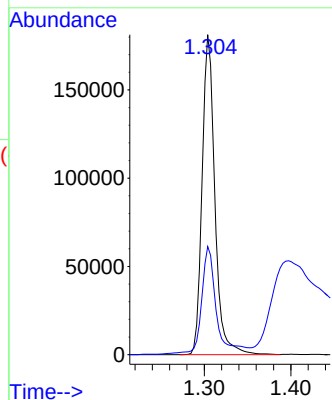


#5
 Vinyl chloride
 Concen: 11.029 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VV028335.D
 Acq: 04 Oct 2022 19:17

Instrument :
 MSVOA_V
 ClientSampleId :

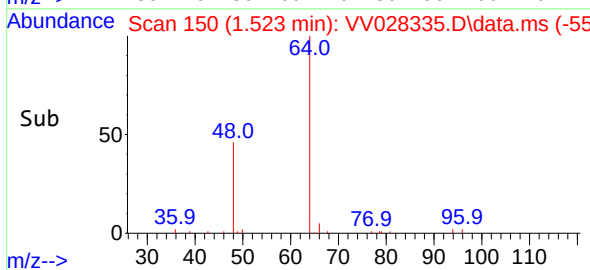
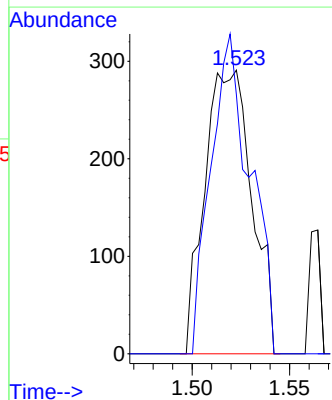
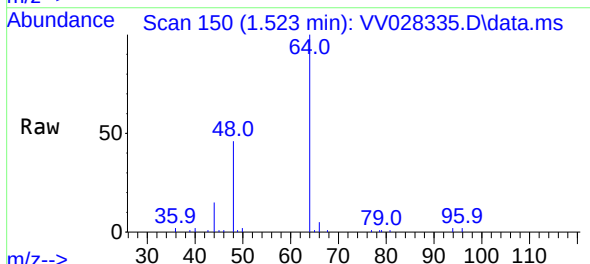


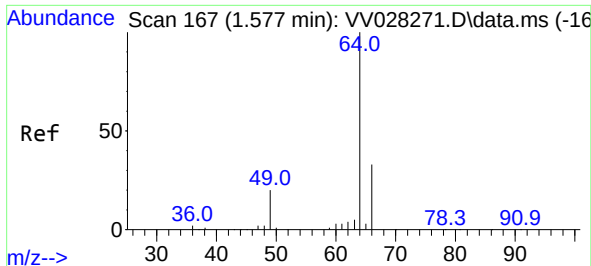
Tgt Ion: 62 Resp: 185604
 Ion Ratio Lower Upper
 62 100
 64 33.8 23.0 42.8



#6
 Bromomethane
 Concen: 0.061 ug/L
 RT: 1.523 min Scan# 150
 Delta R.T. 0.007 min
 Lab File: VV028335.D
 Acq: 04 Oct 2022 19:17

Tgt Ion: 94 Resp: 491
 Ion Ratio Lower Upper
 94 100
 96 91.4 66.7 123.9

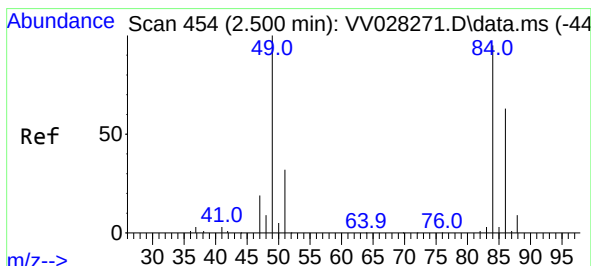
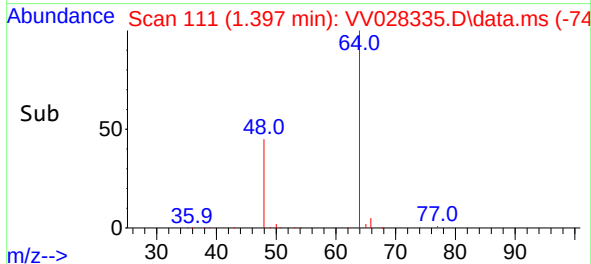
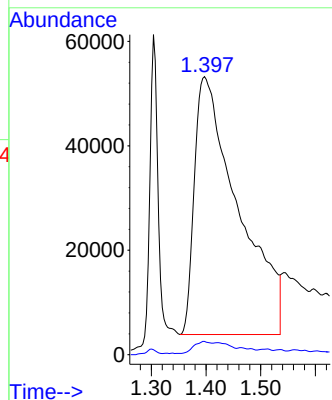
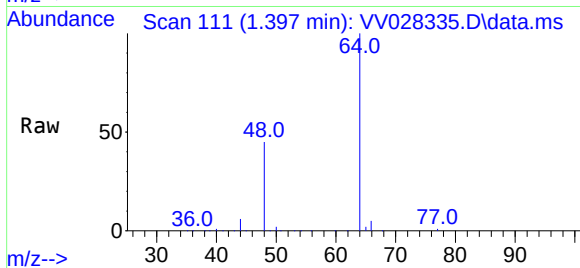




#8
Chloroethane
Concen: 24.382 ug/L
RT: 1.397 min Scan# 11
Delta R.T. -0.180 min
Lab File: VV028335.D
Acq: 04 Oct 2022 19:17

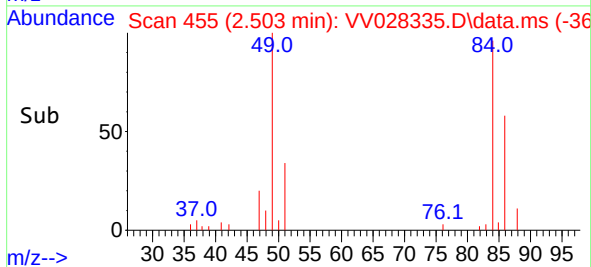
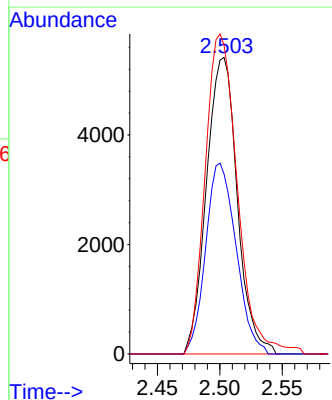
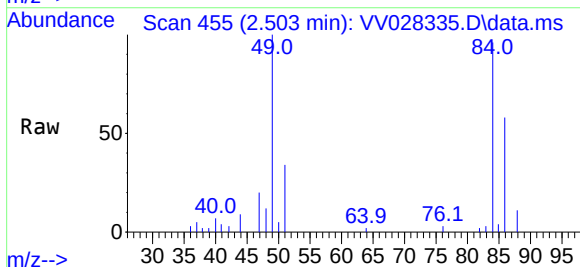
Instrument :
MSVOA_V
ClientSampleId :

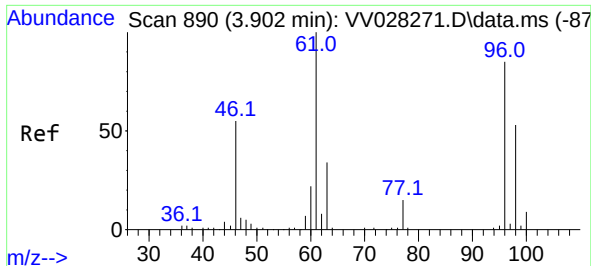
Tgt Ion: 64 Resp: 273450
Ion Ratio Lower Upper
64 100
66 4.8 23.0 42.8#



#16
Methylene chloride
Concen: 0.588 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.003 min
Lab File: VV028335.D
Acq: 04 Oct 2022 19:17

Tgt Ion: 84 Resp: 9312
Ion Ratio Lower Upper
84 100
86 60.7 46.8 86.8
49 104.2 87.5 162.5





#22

cis-1,2-Dichloroethene

Concen: 0.061 ug/L

RT: 3.918 min Scan# 890

Delta R.T. 0.013 min

Lab File: VV028335.D

Acq: 04 Oct 2022 19:17

Instrument :

MSVOA_V

ClientSampleId :

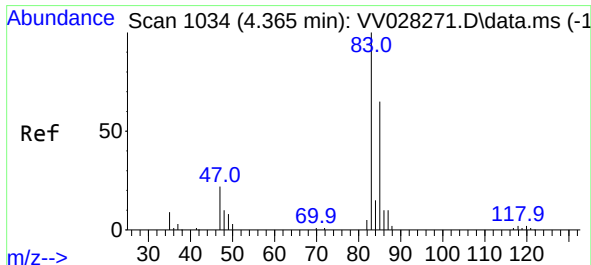
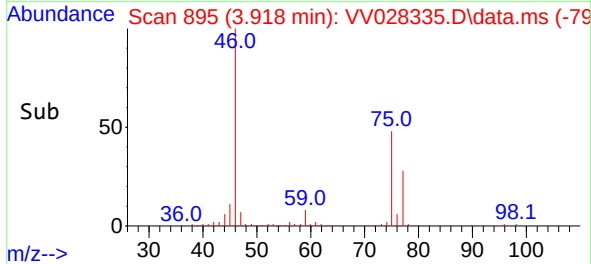
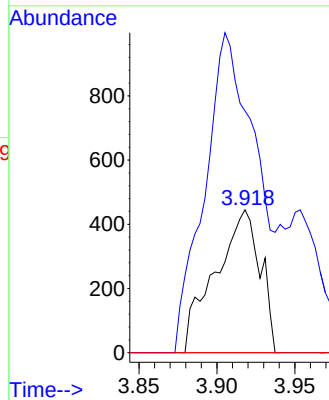
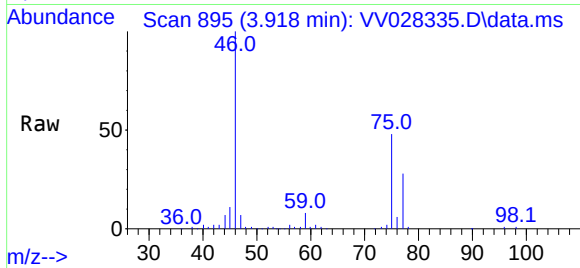
Tgt Ion: 96 Resp: 894

Ion Ratio Lower Upper

96 100

61 169.2 87.2 161.9#

68 0.0 0.0 0.0



#25

Chloroform

Concen: 0.099 ug/L

RT: 4.368 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VV028335.D

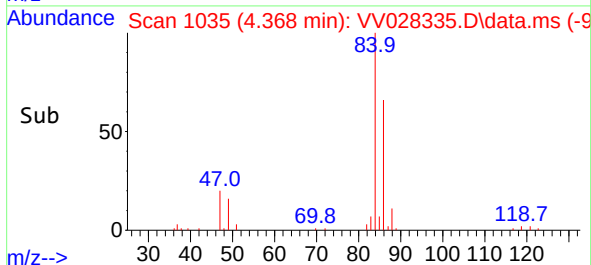
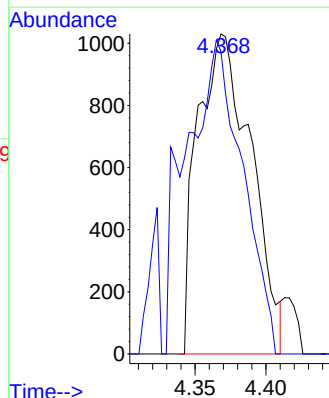
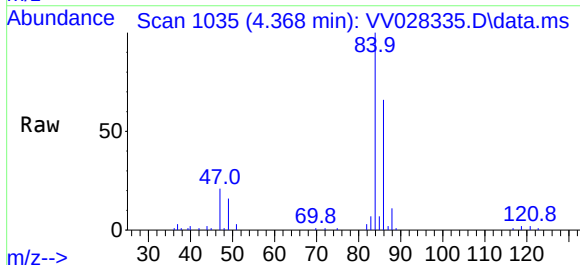
Acq: 04 Oct 2022 19:17

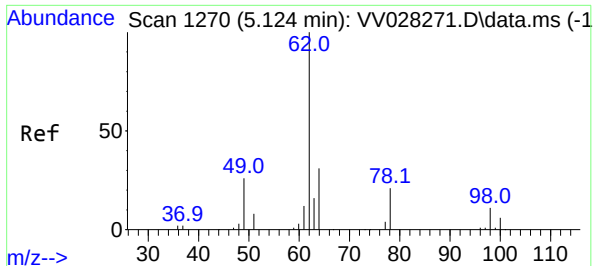
Tgt Ion: 83 Resp: 2700

Ion Ratio Lower Upper

83 100

85 94.5 45.1 83.7#

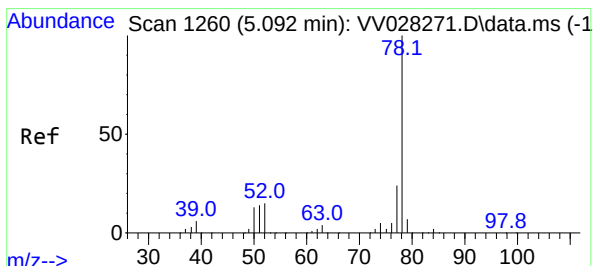
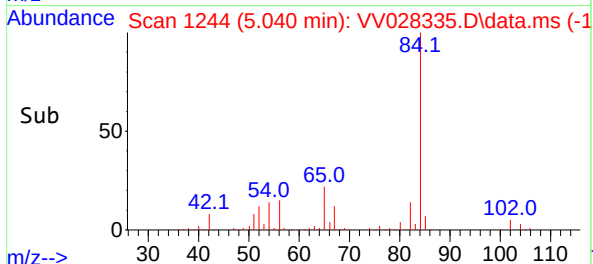
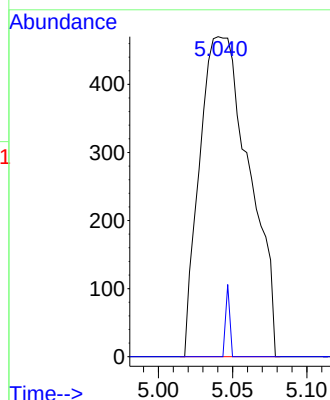
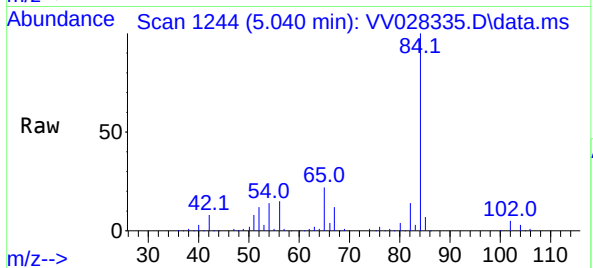




#27
1,2-Dichloroethane
Concen: 0.074 ug/L
RT: 5.040 min Scan# 11
Delta R.T. -0.087 min
Lab File: VV028335.D
Acq: 04 Oct 2022 19:17

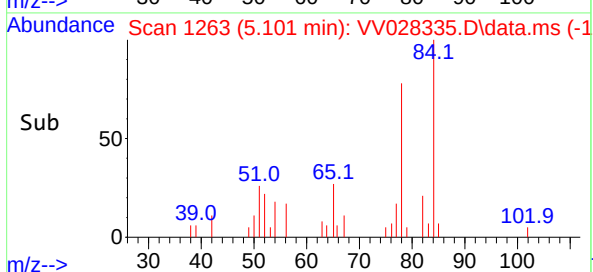
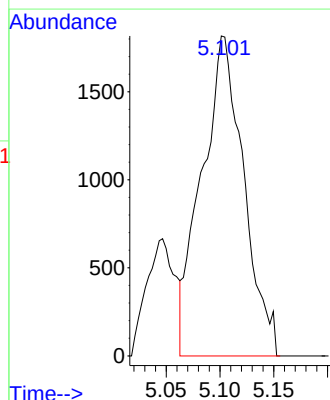
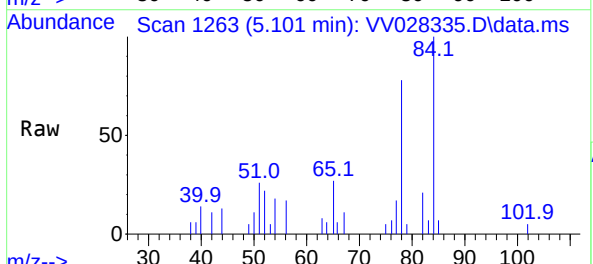
Instrument :
MSVOA_V
ClientSampleId :

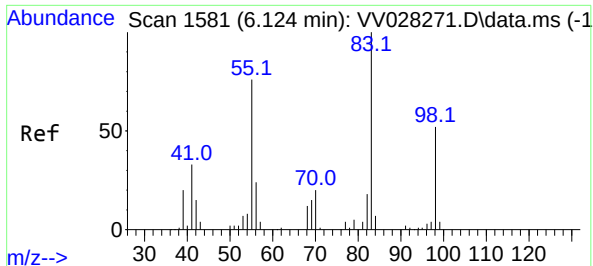
Tgt Ion: 62 Resp: 1091
Ion Ratio Lower Upper
62 100
98 0.0 6.7 10.1#



#33
Benzene
Concen: 0.082 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.010 min
Lab File: VV028335.D
Acq: 04 Oct 2022 19:17

Tgt Ion: 78 Resp: 4924





#35

Methylcyclohexane

Concen: 0.717 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.058 min

Lab File: VV028335.D

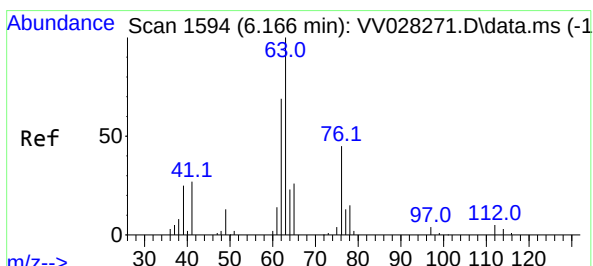
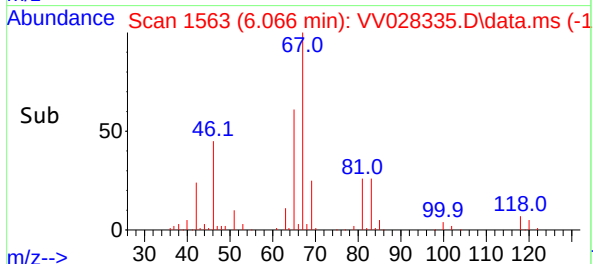
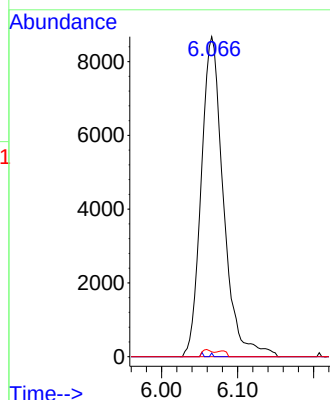
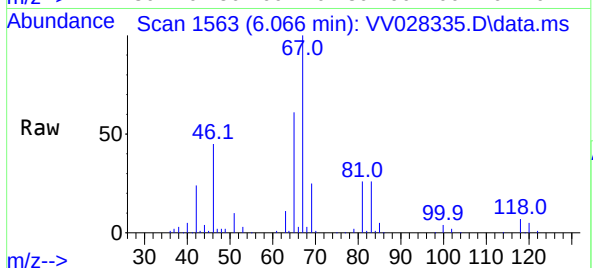
Acq: 04 Oct 2022 19:17

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 17625
Ion Ratio	Lower Upper
83 100	
55 0.1	64.7 97.1#
98 1.0	39.5 59.3#



#37

1,2-Dichloropropane

Concen: 0.515 ug/L

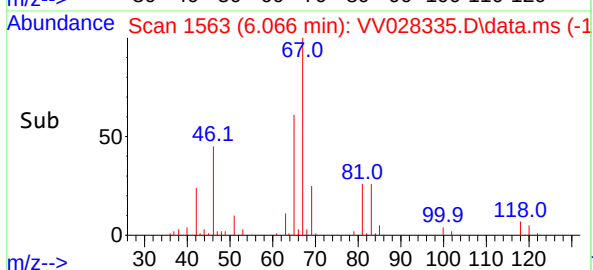
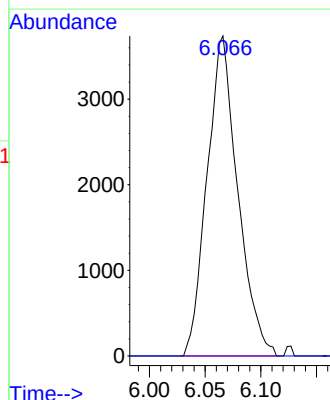
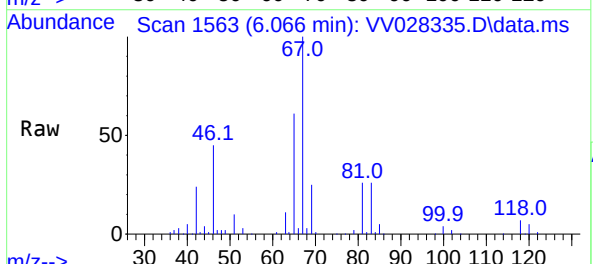
RT: 6.066 min Scan# 1563

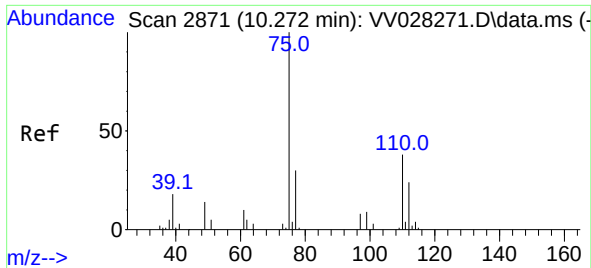
Delta R.T. -0.103 min

Lab File: VV028335.D

Acq: 04 Oct 2022 19:17

Tgt Ion: 63	Resp: 7173
Ion Ratio	Lower Upper
63 100	
112 0.7	3.5 5.3#





#61

1,2,3-Trichloropropane

Concen: 1.351 ug/L

RT: 11.246 min Scan# 31

Delta R.T. 0.975 min

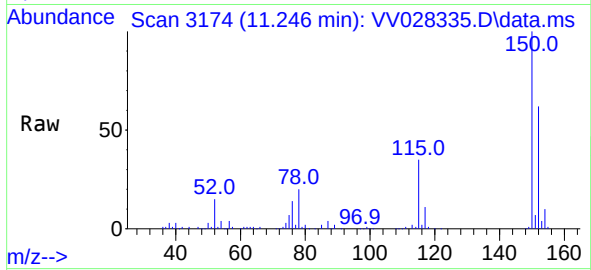
Lab File: VV028335.D

Acq: 04 Oct 2022 19:17

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 9435

Ion Ratio Lower Upper

75 100

77 27.8 26.7 40.1

110 2.1 30.1 45.1#

