

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081322\
 Data File : VV027372.D
 Acq On : 13 Aug 2022 16:46
 Operator : SY/MD
 Sample : N4115-14
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 13 21:53:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 13 21:49:38 2022
 Response via : Initial Calibration

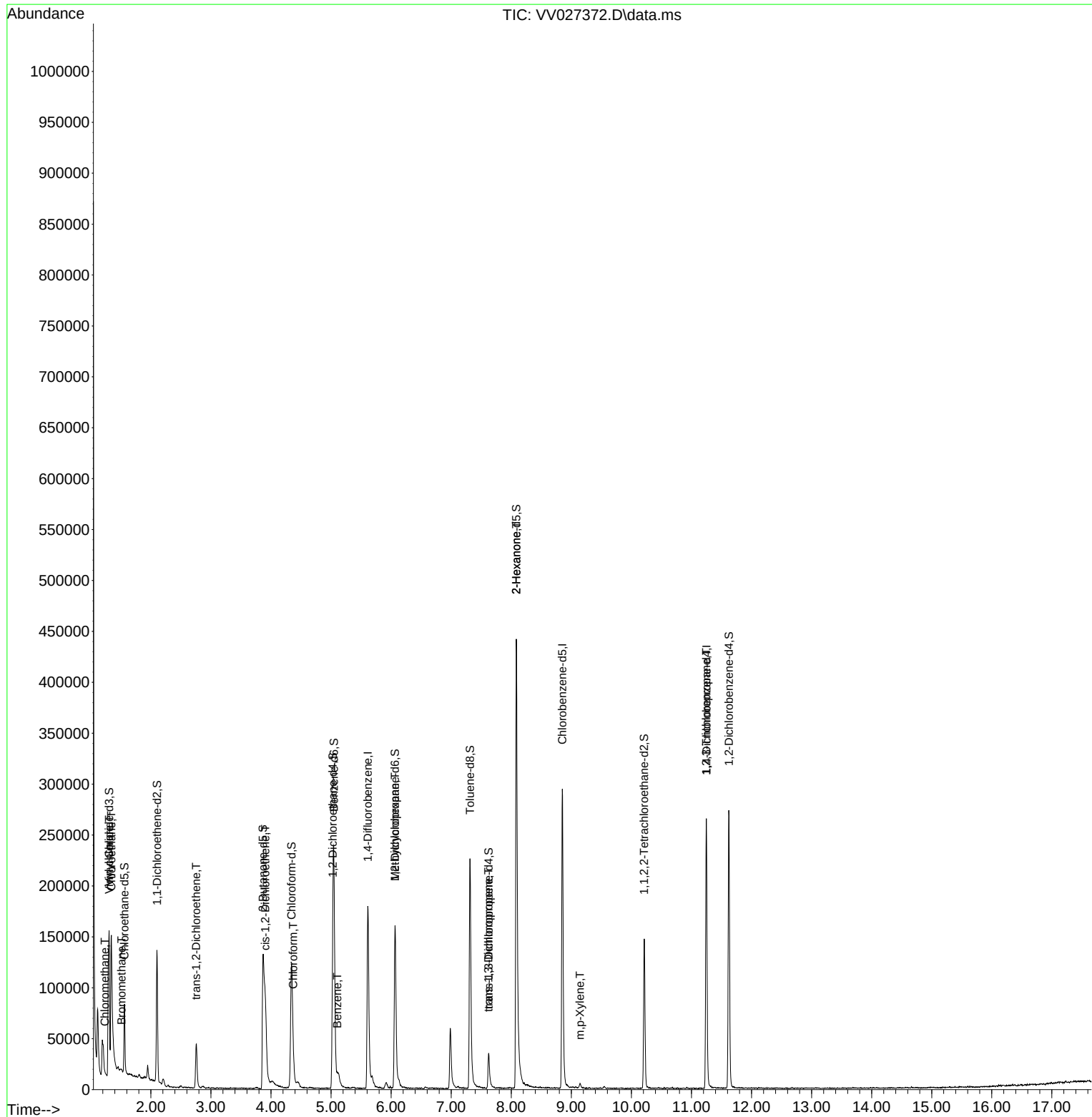
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	148715	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	160581	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	68615	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	52349	4.052	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.000%
7) Chloroethane-d5	1.561	69	45859	4.887	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.800%
11) 1,1-Dichloroethene-d2	2.101	63	67883	2.897	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.000%#
20) 2-Butanone-d5	3.867	46	203992	93.226	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	186.460%#
24) Chloroform-d	4.342	84	116664	4.924	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
26) 1,2-Dichloroethane-d4	5.027	65	65299	5.784	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.600%
32) Benzene-d6	5.047	84	207956	4.390	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
36) 1,2-Dichloropropane-d6	6.066	67	80528	5.498	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.000%
41) Toluene-d8	7.313	98	159025	3.667	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.400%
43) trans-1,3-Dichloroprop...	7.622	79	21471	4.232	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.600%
46) 2-Hexanone-d5	8.085	63	146647	74.691	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	149.380%#
56) 1,1,2,2-Tetrachloroeth...	10.214	84	70368	6.641	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	132.800%#
66) 1,2-Dichlorobenzene-d4	11.622	152	69013	5.827	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.233	50	862	0.049	ug/L	85
5) Vinyl chloride	1.307	62	42425	2.573	ug/L	93
6) Bromomethane	1.513	94	506	0.066	ug/L	90
8) Chloroethane	1.343	64	167683	18.291	ug/L #	52
18) trans-1,2-Dichloroethene	2.754	96	15804	1.200	ug/L	96
22) cis-1,2-Dichloroethene	3.905	96	35268	2.723	ug/L	98
25) Chloroform	4.368	83	13560	0.523	ug/L	95
33) Benzene	5.104	78	4795	0.087	ug/L	100
35) Methylcyclohexane	6.066	83	19240	1.023	ug/L #	16
44) trans-1,3-Dichloropropene	7.619	75	1081	0.075	ug/L	99
48) 2-Hexanone	8.085	43	21137	4.207	ug/L #	70
53) m,p-Xylene	9.143	106	1086	0.052	ug/L	84
61) 1,2,3-Trichloropropane	11.246	75	8300	1.256	ug/L #	68

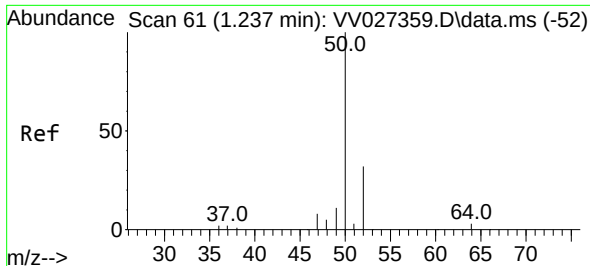
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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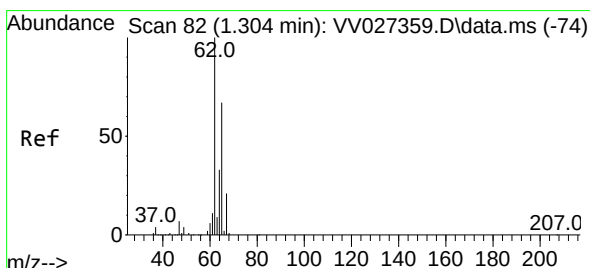
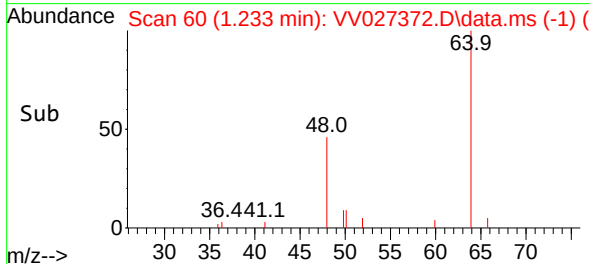
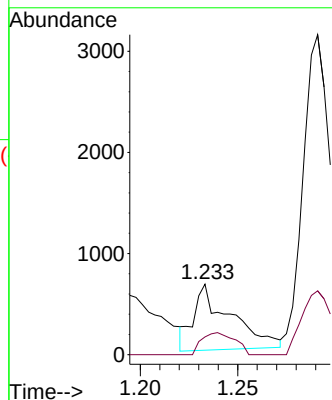
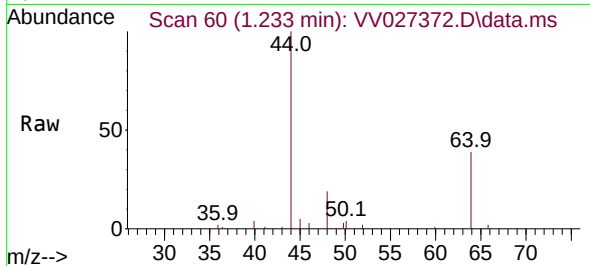




#3
Chloromethane
Concen: 0.049 ug/L
RT: 1.233 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV027372.D
Acq: 13 Aug 2022 16:46

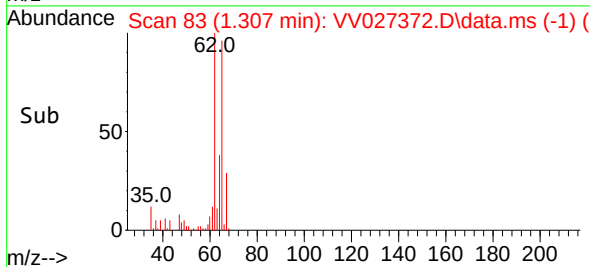
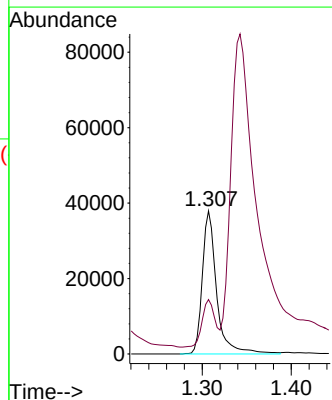
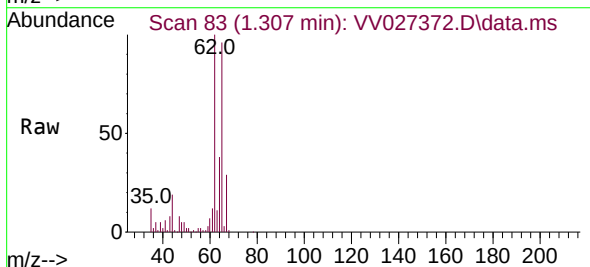
Instrument :
MSVOA_V
ClientSampleId :

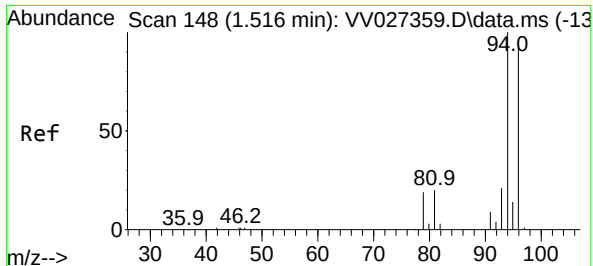
Tgt Ion: 50 Resp: 862
Ion Ratio Lower Upper
50 100
52 25.1 23.4 43.4



#5
Vinyl chloride
Concen: 2.573 ug/L
RT: 1.307 min Scan# 83
Delta R.T. 0.003 min
Lab File: VV027372.D
Acq: 13 Aug 2022 16:46

Tgt Ion: 62 Resp: 42425
Ion Ratio Lower Upper
62 100
64 38.1 23.7 44.1

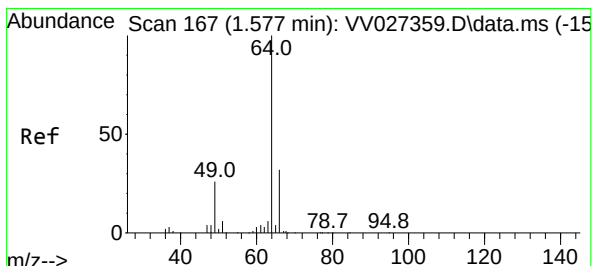
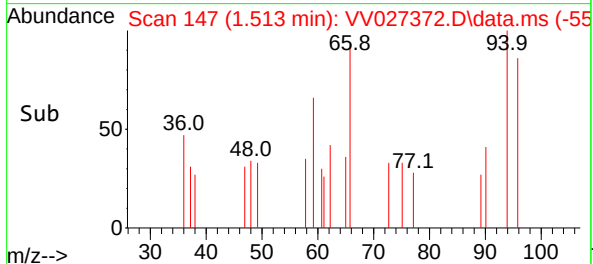
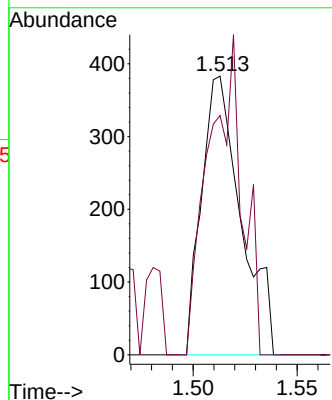
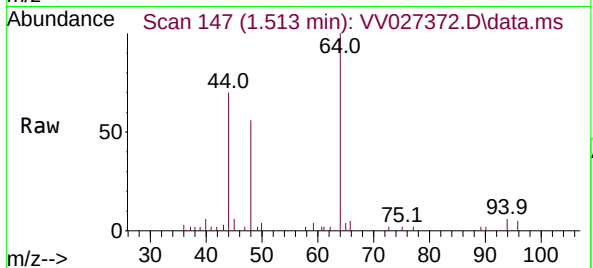




#6
Bromomethane
Concen: 0.066 ug/L
RT: 1.513 min Scan# 14
Delta R.T. -0.003 min
Lab File: VV027372.D
Acq: 13 Aug 2022 16:46

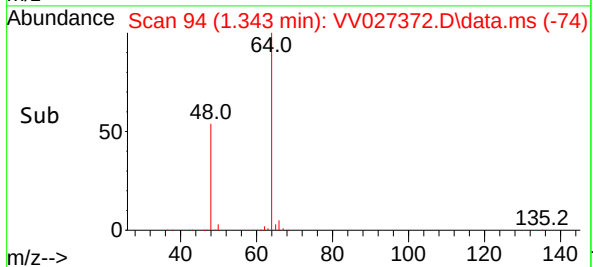
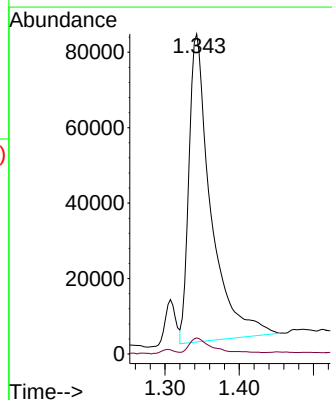
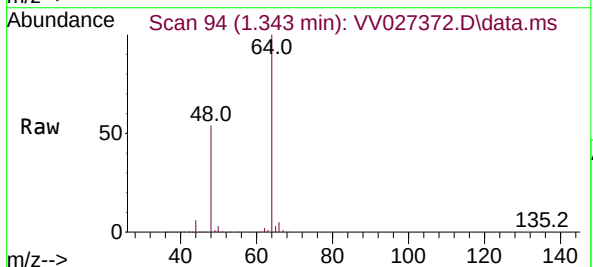
Instrument :
MSVOA_V
ClientSampleId :

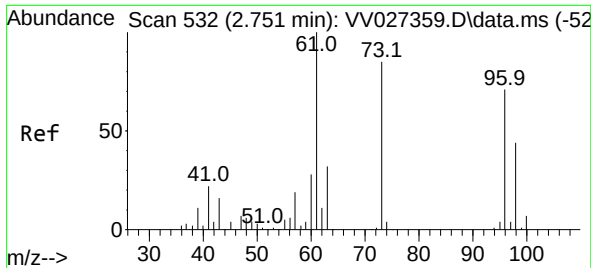
Tgt Ion: 94 Resp: 506
Ion Ratio Lower Upper
94 100
96 85.9 67.2 124.8



#8
Chloroethane
Concen: 18.291 ug/L
RT: 1.343 min Scan# 94
Delta R.T. -0.235 min
Lab File: VV027372.D
Acq: 13 Aug 2022 16:46

Tgt Ion: 64 Resp: 167683
Ion Ratio Lower Upper
64 100
66 5.0 22.3 41.5#





#18

trans-1,2-Dichloroethene

Concen: 1.200 ug/L

RT: 2.754 min Scan# 51

Delta R.T. 0.003 min

Lab File: VV027372.D

Acq: 13 Aug 2022 16:46

Instrument :

MSVOA_V

ClientSampleId :

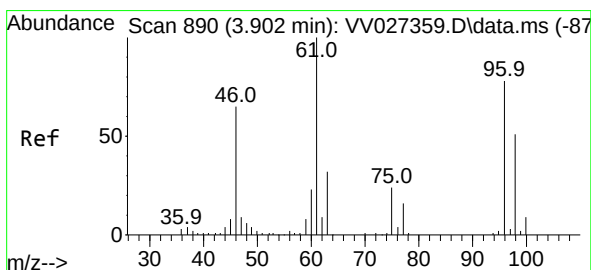
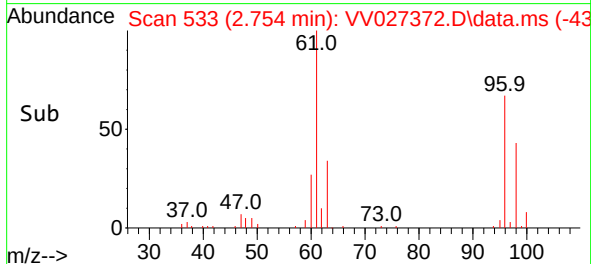
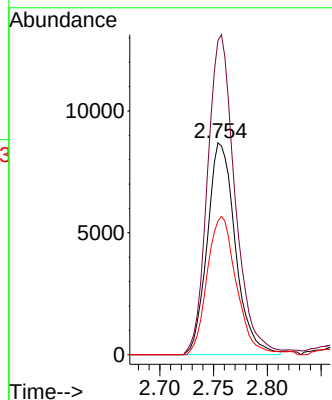
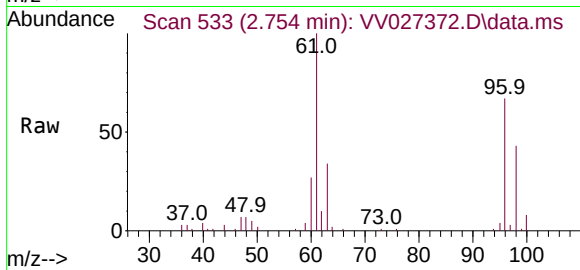
Tgt Ion: 96 Resp: 15804

Ion Ratio Lower Upper

96 100

61 148.3 99.6 185.0

98 63.0 45.1 83.7



#22

cis-1,2-Dichloroethene

Concen: 2.723 ug/L

RT: 3.905 min Scan# 891

Delta R.T. 0.003 min

Lab File: VV027372.D

Acq: 13 Aug 2022 16:46

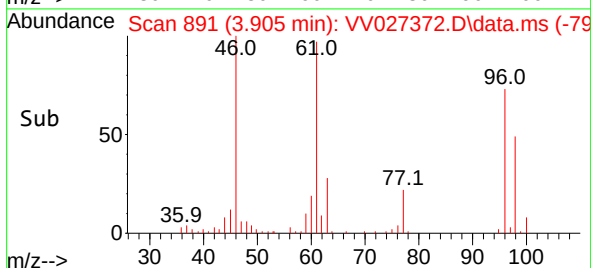
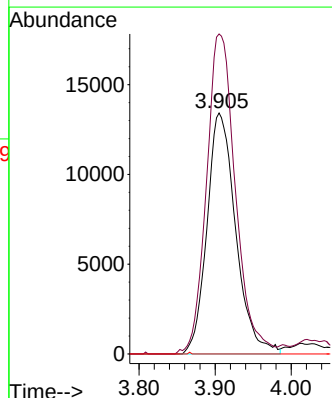
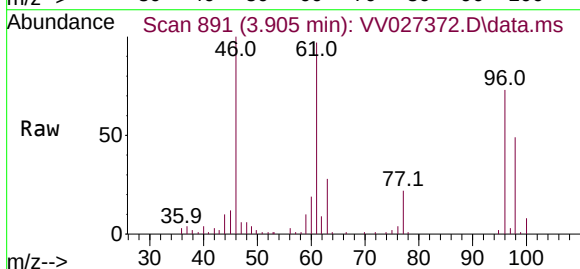
Tgt Ion: 96 Resp: 35268

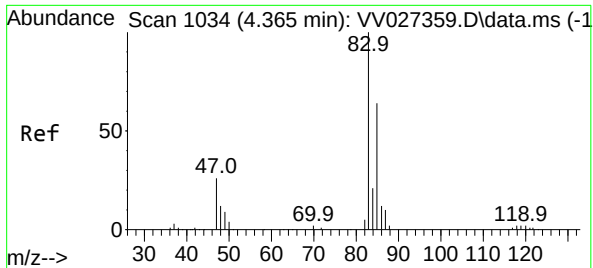
Ion Ratio Lower Upper

96 100

61 132.8 91.3 169.5

68 0.0 0.0 0.0

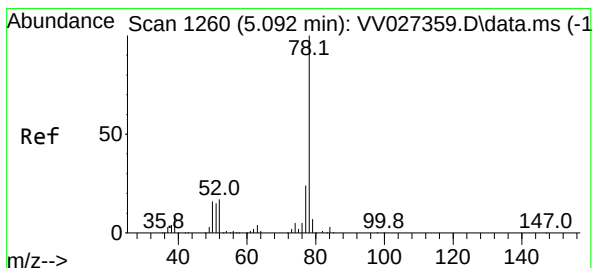
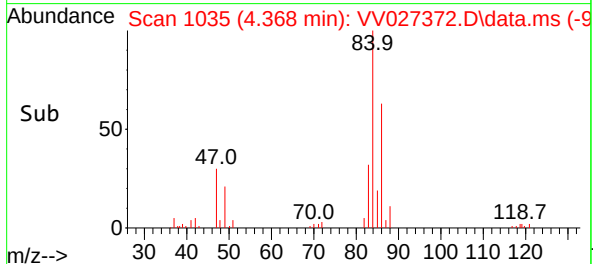
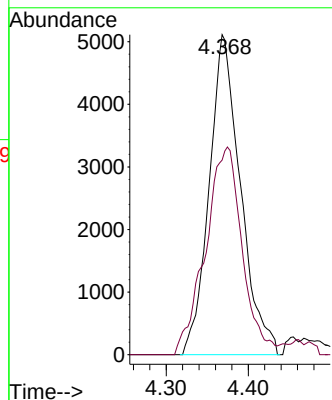
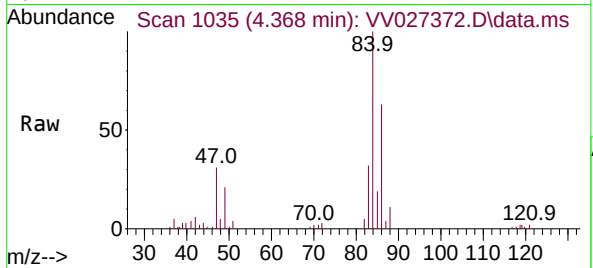




#25
Chloroform
Concen: 0.523 ug/L
RT: 4.368 min Scan# 1035
Delta R.T. 0.003 min
Lab File: VV027372.D
Acq: 13 Aug 2022 16:46

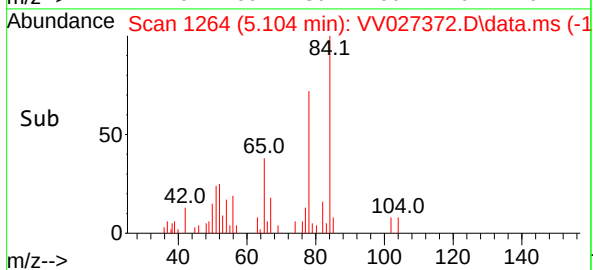
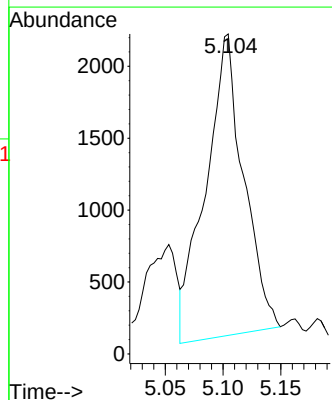
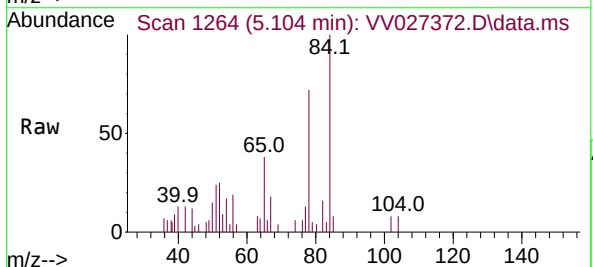
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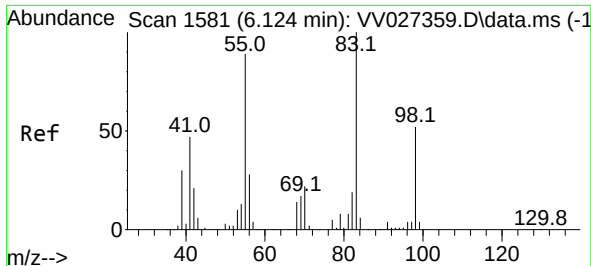
Tgt Ion: 83 Resp: 13560
Ion Ratio Lower Upper
83 100
85 60.8 45.2 84.0



#33
Benzene
Concen: 0.087 ug/L
RT: 5.104 min Scan# 1264
Delta R.T. 0.013 min
Lab File: VV027372.D
Acq: 13 Aug 2022 16:46

Tgt Ion: 78 Resp: 4795





#35

Methylcyclohexane

Concen: 1.023 ug/L

RT: 6.066 min Scan# 1

Delta R.T. -0.058 min

Lab File: VV027372.D

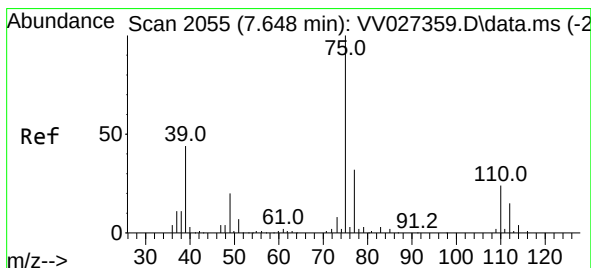
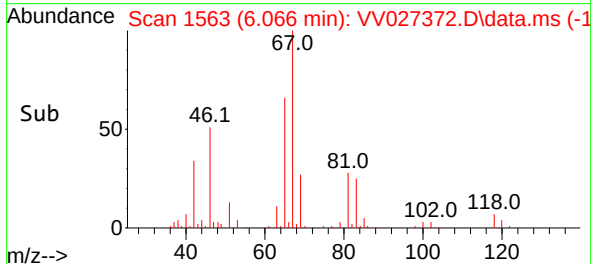
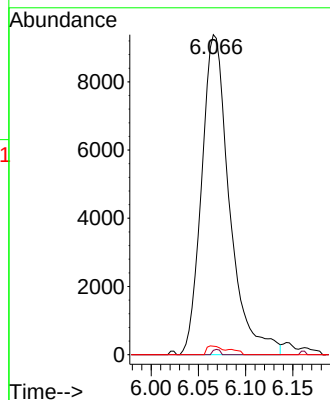
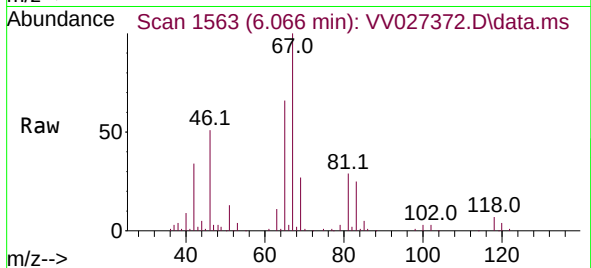
Acq: 13 Aug 2022 16:46

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	19240
Ion	Ratio	Lower	Upper
83	100		
55	0.4	67.0	100.6#
98	1.5	38.7	58.1#



#44

trans-1,3-Dichloropropene

Concen: 0.075 ug/L

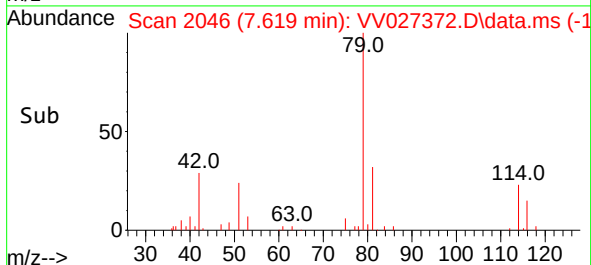
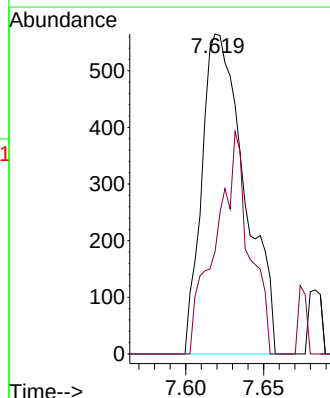
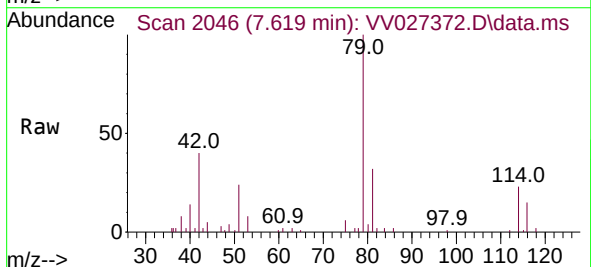
RT: 7.619 min Scan# 2046

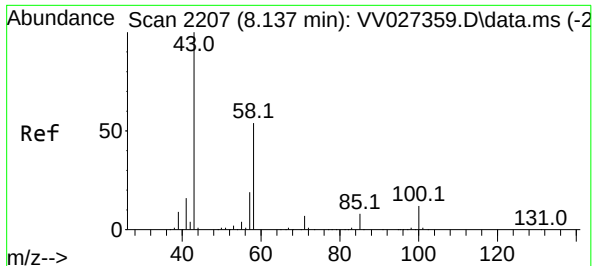
Delta R.T. -0.029 min

Lab File: VV027372.D

Acq: 13 Aug 2022 16:46

Tgt Ion:	75	Resp:	1081
Ion	Ratio	Lower	Upper
75	100		
77	32.0	21.9	40.7





#48

2-Hexanone

Concen: 4.207 ug/L

RT: 8.085 min Scan# 21137

Delta R.T. -0.052 min

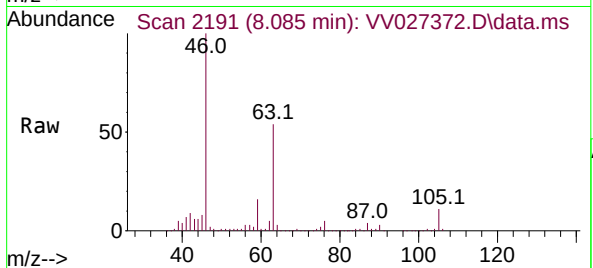
Lab File: VV027372.D

Acq: 13 Aug 2022 16:46

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 43 Resp: 21137

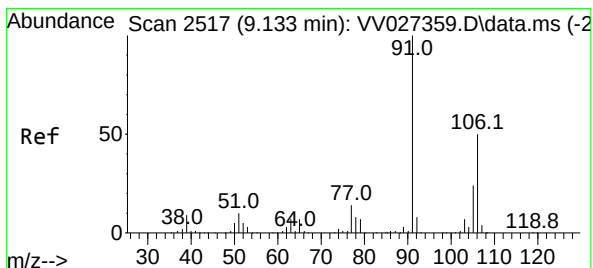
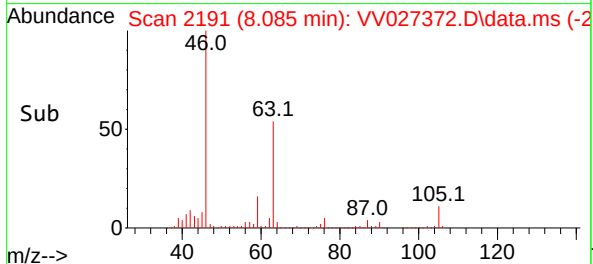
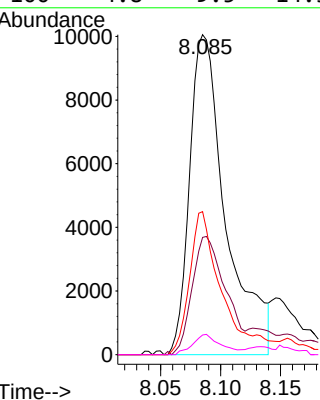
Ion Ratio Lower Upper

43 100

58 34.2 42.8 64.2#

57 40.5 15.2 22.8#

100 4.8 9.5 14.3#



#53

m,p-Xylene

Concen: 0.052 ug/L

RT: 9.143 min Scan# 2520

Delta R.T. 0.009 min

Lab File: VV027372.D

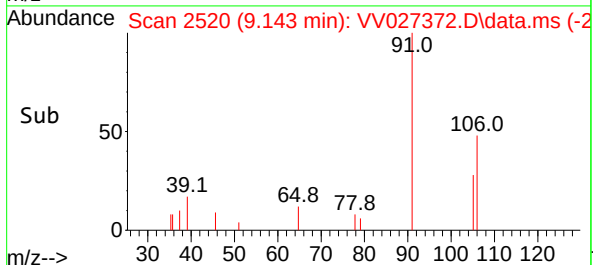
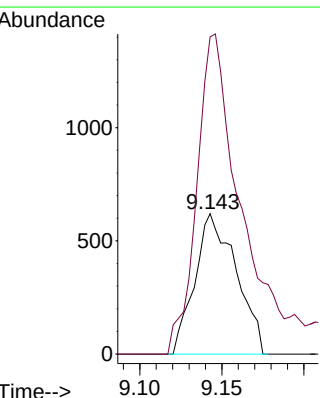
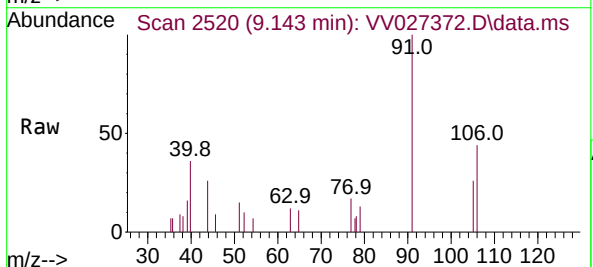
Acq: 13 Aug 2022 16:46

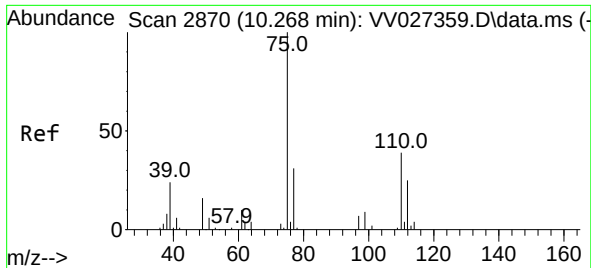
Tgt Ion: 106 Resp: 1086

Ion Ratio Lower Upper

106 100

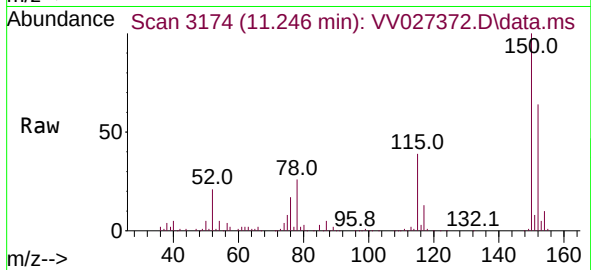
91 226.0 141.5 262.9





#61
 1,2,3-Trichloropropane
 Concen: 1.256 ug/L
 RT: 11.246 min Scan# 31
 Delta R.T. 0.977 min
 Lab File: VV027372.D
 Acq: 13 Aug 2022 16:46

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 8300
 Ion Ratio Lower Upper
 75 100
 77 33.7 26.6 39.8
 110 3.0 31.0 46.6#

