

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081222\
 Data File : VV027351.D
 Acq On : 13 Aug 2022 01:24
 Operator : SY/MD
 Sample : N4133-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 13 04:19:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 13 02:46:03 2022
 Response via : Initial Calibration

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

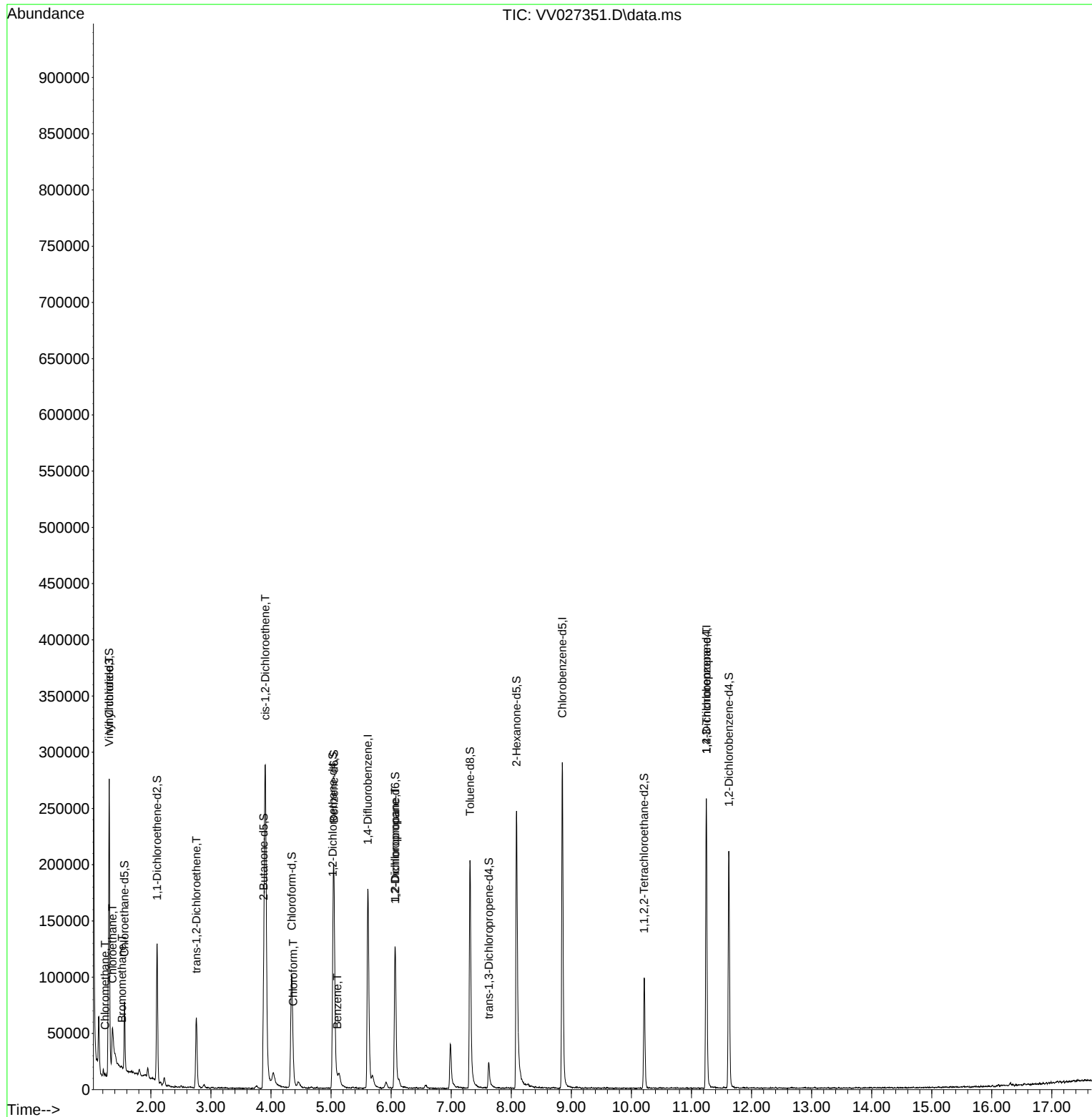
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	149002	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	161879	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	67486	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	49793	3.846	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.000%
7) Chloroethane-d5	1.561	69	37602	4.000	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.000%
11) 1,1-Dichloroethene-d2	2.101	63	65842	2.805	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.000%#
20) 2-Butanone-d5	3.880	46	116334	53.063	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.120%
24) Chloroform-d	4.346	84	103573	4.363	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
26) 1,2-Dichloroethane-d4	5.031	65	50870	4.498	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.000%
32) Benzene-d6	5.047	84	176631	3.699	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.000%
36) 1,2-Dichloropropane-d6	6.069	67	60583	4.103	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.000%
41) Toluene-d8	7.313	98	142378	3.257	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	65.200%#
43) trans-1,3-Dichloroprop...	7.629	79	14383	2.812	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	56.200%
46) 2-Hexanone-d5	8.088	63	83720	42.299	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.600%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	45754	4.283	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	53568	4.599	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	673	0.038	ug/L	98
5) Vinyl chloride	1.307	62	133741	8.096	ug/L	99
6) Bromomethane	1.519	94	404	0.052	ug/L	85
8) Chloroethane	1.362	64	72054	7.845	ug/L #	52
18) trans-1,2-Dichloroethene	2.757	96	23056	1.747	ug/L	96
22) cis-1,2-Dichloroethene	3.905	96	143394	11.049	ug/L	96
25) Chloroform	4.371	83	2283	0.088	ug/L #	72
33) Benzene	5.105	78	5697	0.103	ug/L	100
37) 1,2-Dichloropropane	6.066	63	6835	0.500	ug/L #	87
61) 1,2,3-Trichloropropane	11.249	75	8109	1.248	ug/L #	67

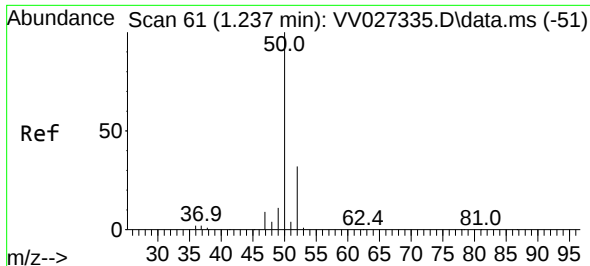
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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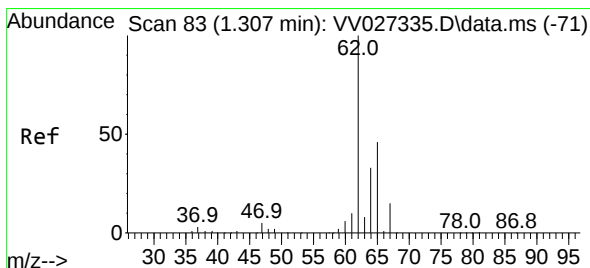
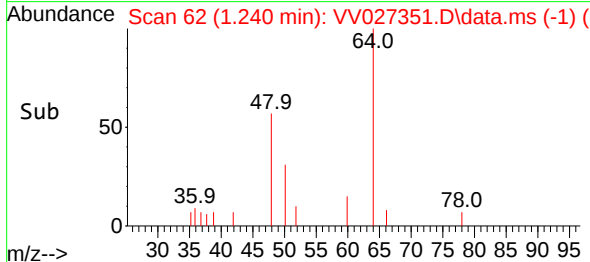
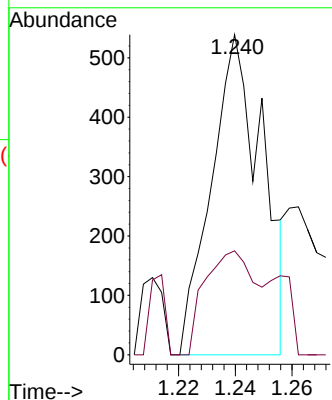
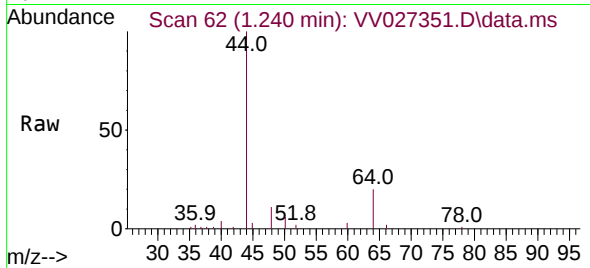




#3
Chloromethane
Concen: 0.038 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV027351.D
Acq: 13 Aug 2022 01:24

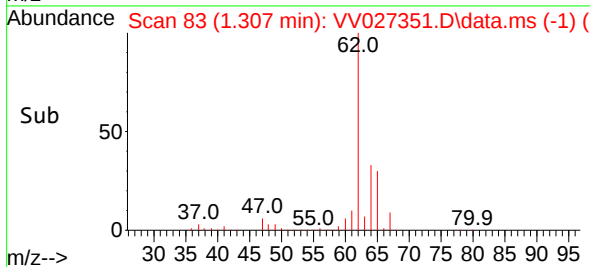
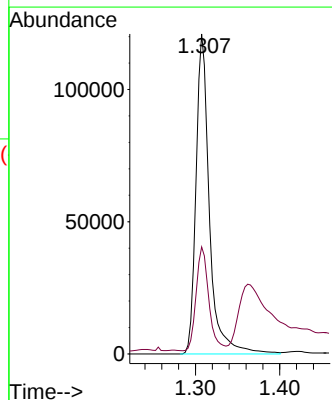
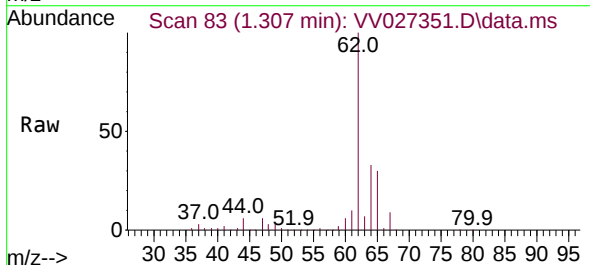
Instrument :
MSVOA_V
ClientSampleId :

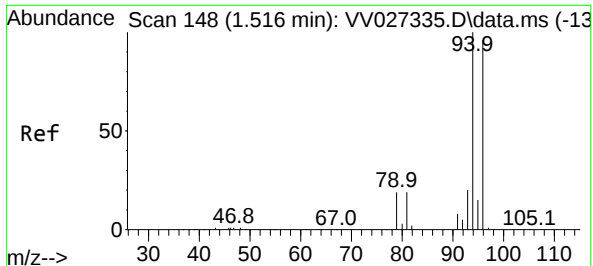
Tgt Ion: 50 Resp: 673
Ion Ratio Lower Upper
50 100
52 32.5 23.4 43.4



#5
Vinyl chloride
Concen: 8.096 ug/L
RT: 1.307 min Scan# 83
Delta R.T. 0.000 min
Lab File: VV027351.D
Acq: 13 Aug 2022 01:24

Tgt Ion: 62 Resp: 133741
Ion Ratio Lower Upper
62 100
64 33.5 23.7 44.1

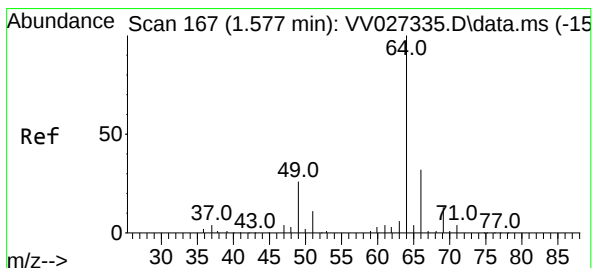
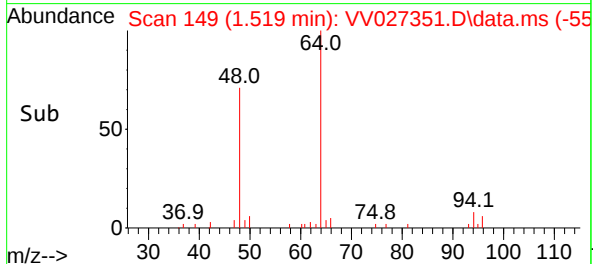
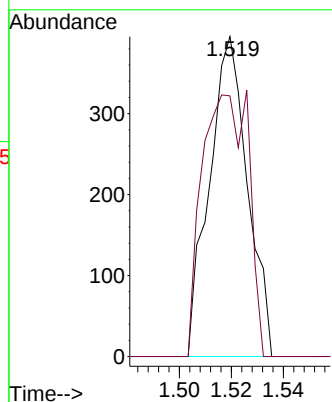
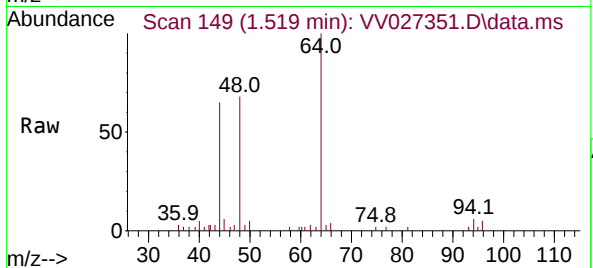




#6
Bromomethane
Concen: 0.052 ug/L
RT: 1.519 min Scan# 148
Delta R.T. 0.003 min
Lab File: VV027351.D
Acq: 13 Aug 2022 01:24

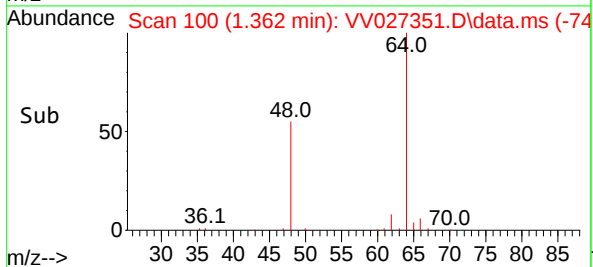
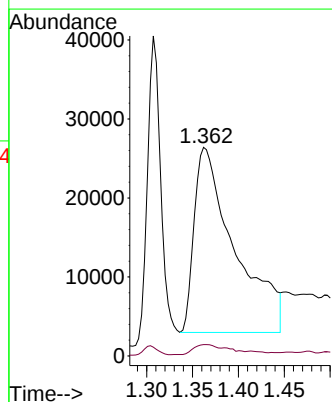
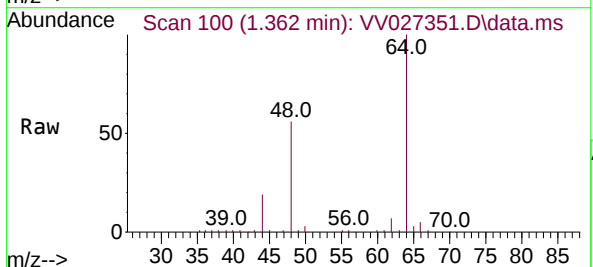
Instrument :
MSVOA_V
ClientSampleId :

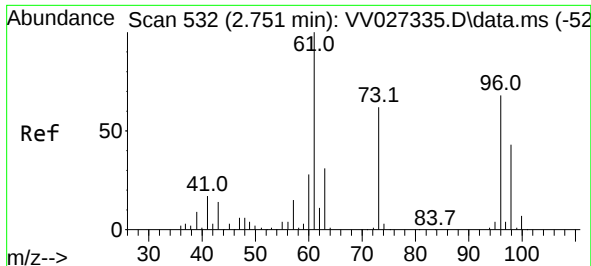
Tgt Ion: 94 Resp: 404
Ion Ratio Lower Upper
94 100
96 81.5 67.2 124.8



#8
Chloroethane
Concen: 7.845 ug/L
RT: 1.362 min Scan# 100
Delta R.T. -0.215 min
Lab File: VV027351.D
Acq: 13 Aug 2022 01:24

Tgt Ion: 64 Resp: 72054
Ion Ratio Lower Upper
64 100
66 5.4 22.3 41.5#

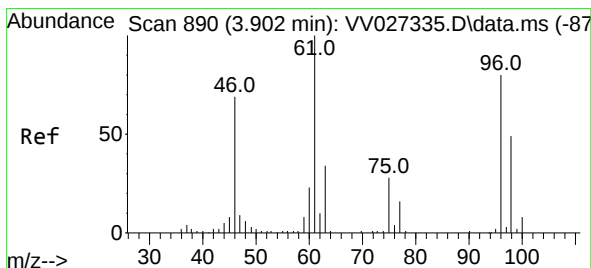
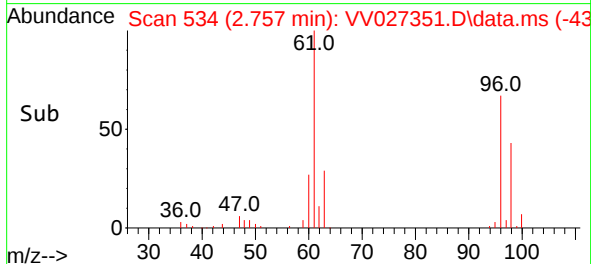
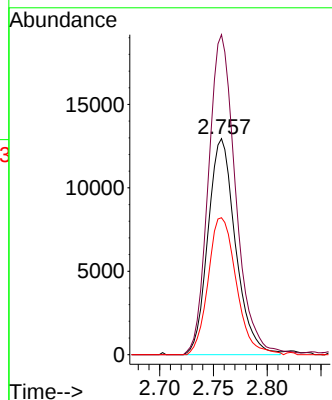
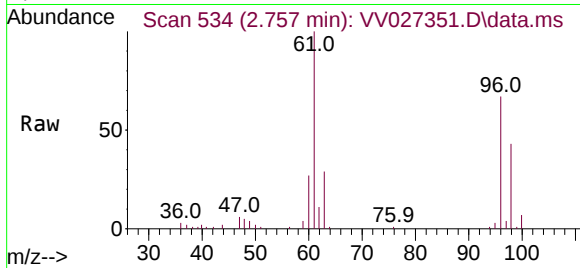




#18
trans-1,2-Dichloroethene
Concen: 1.747 ug/L
RT: 2.757 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV027351.D
Acq: 13 Aug 2022 01:24

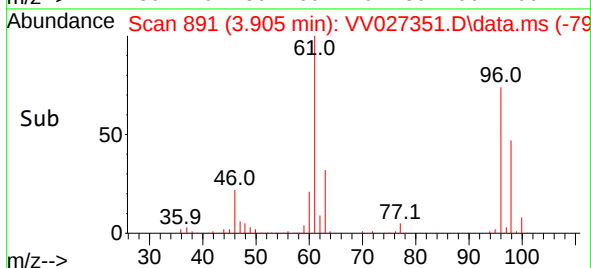
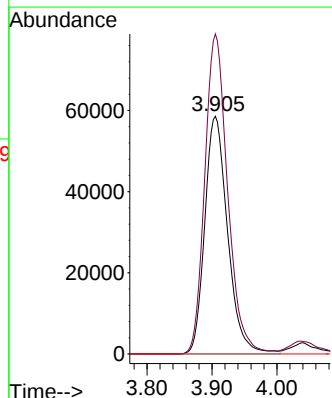
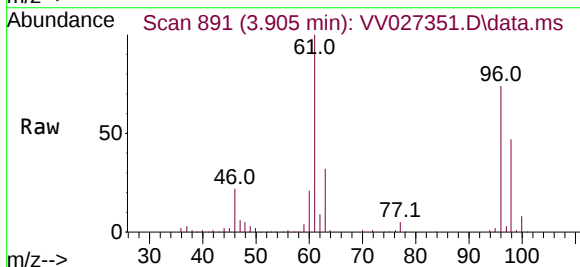
Instrument :
MSVOA_V
ClientSampleId :

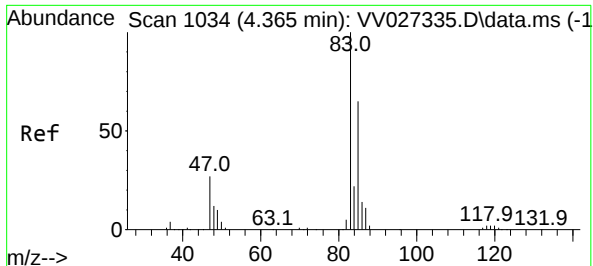
Tgt Ion: 96 Resp: 23056
Ion Ratio Lower Upper
96 100
61 148.2 99.6 185.0
98 63.4 45.1 83.7



#22
cis-1,2-Dichloroethene
Concen: 11.049 ug/L
RT: 3.905 min Scan# 891
Delta R.T. 0.003 min
Lab File: VV027351.D
Acq: 13 Aug 2022 01:24

Tgt Ion: 96 Resp: 143394
Ion Ratio Lower Upper
96 100
61 134.6 91.3 169.5
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.088 ug/L

RT: 4.371 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV027351.D

Acq: 13 Aug 2022 01:24

Instrument :

MSVOA_V

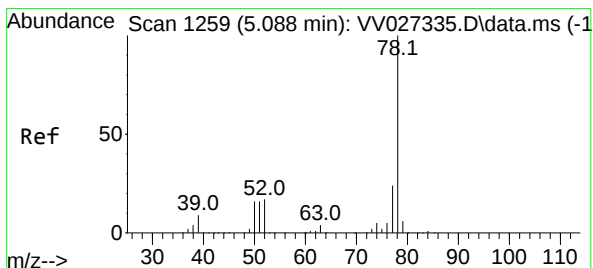
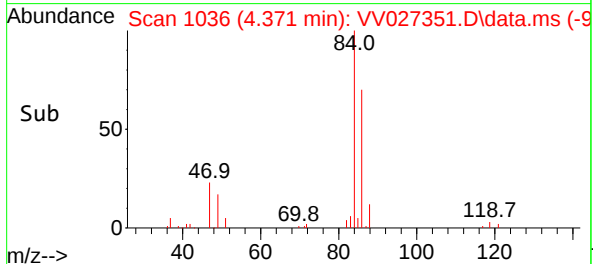
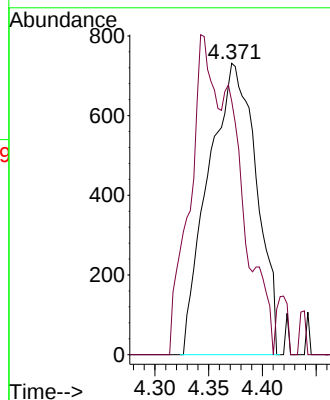
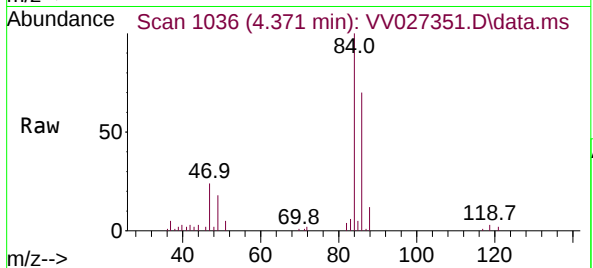
ClientSampleId :

Tgt Ion: 83 Resp: 2283

Ion Ratio Lower Upper

83 100

85 87.0 45.2 84.0#



#33

Benzene

Concen: 0.103 ug/L

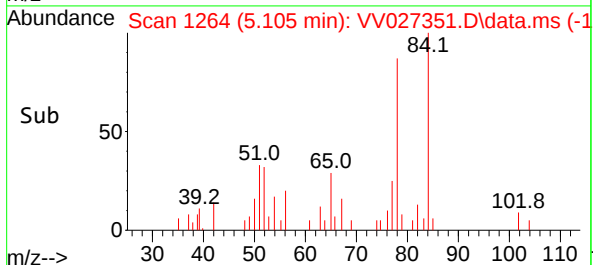
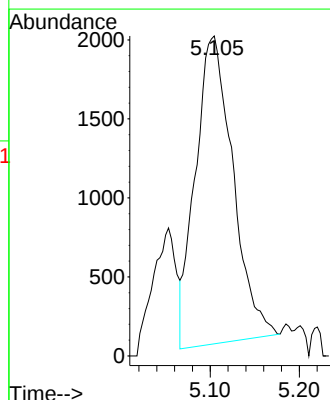
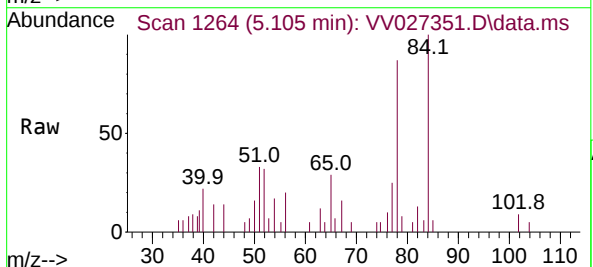
RT: 5.105 min Scan# 1264

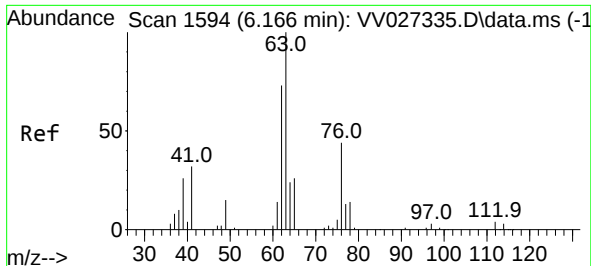
Delta R.T. 0.016 min

Lab File: VV027351.D

Acq: 13 Aug 2022 01:24

Tgt Ion: 78 Resp: 5697

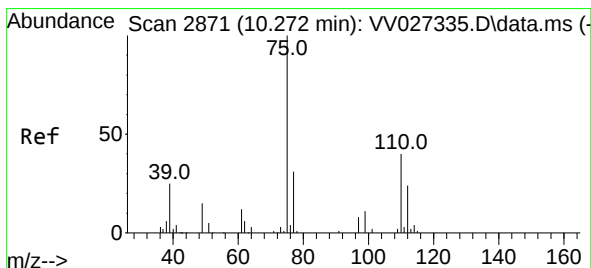
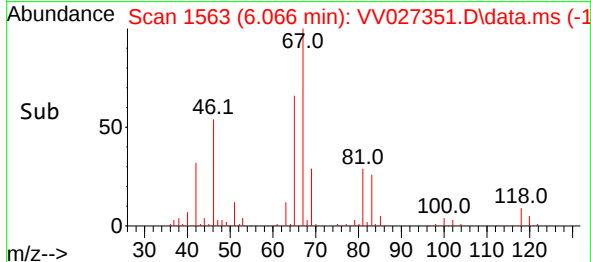
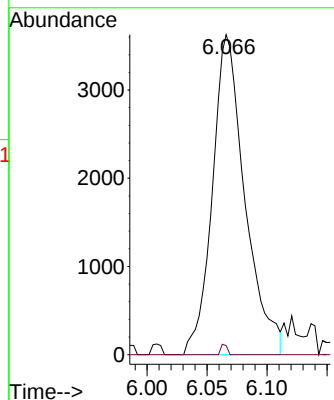
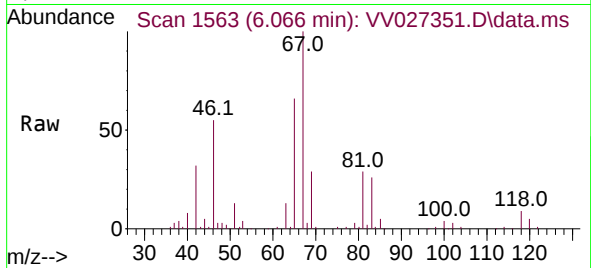




#37
1,2-Dichloropropane
Concen: 0.500 ug/L
RT: 6.066 min Scan# 11
Delta R.T. -0.100 min
Lab File: VV027351.D
Acq: 13 Aug 2022 01:24

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 63 Resp: 6835
Ion Ratio Lower Upper
63 100
112 0.6 4.0 6.0#



#61
1,2,3-Trichloropropane
Concen: 1.248 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.977 min
Lab File: VV027351.D
Acq: 13 Aug 2022 01:24

Tgt Ion: 75 Resp: 8109
Ion Ratio Lower Upper
75 100
77 32.9 26.6 39.8
110 1.3 31.0 46.6#

