

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081222\
 Data File : VV027349.D
 Acq On : 13 Aug 2022 00:34
 Operator : SY/MD
 Sample : N4133-15
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 13 04:19:12 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)

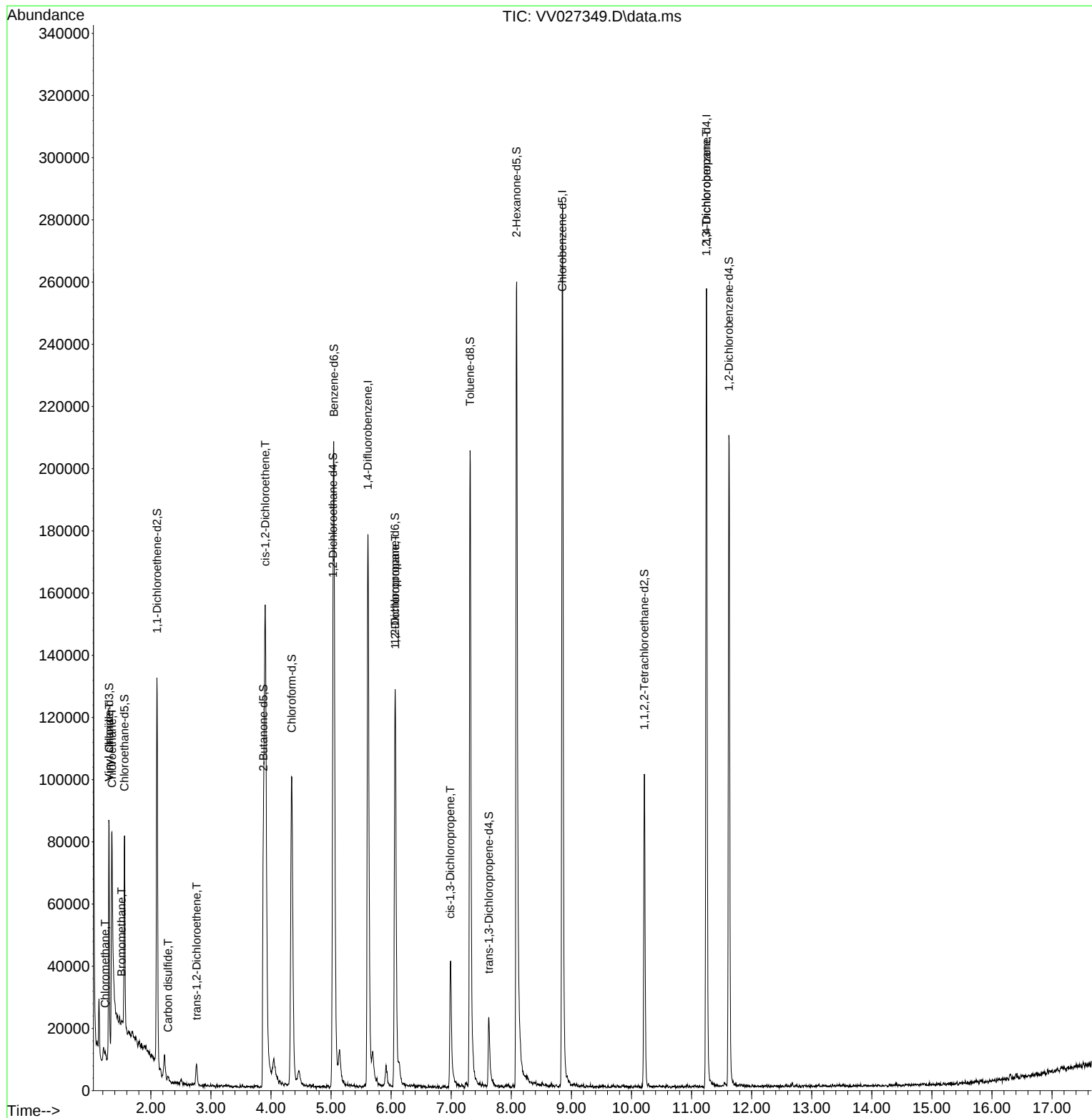
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	147477	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	156708	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	66164	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	50822	3.966	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.400%
7) Chloroethane-d5	1.561	69	39360	4.230	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.600%
11) 1,1-Dichloroethene-d2	2.101	63	63830	2.747	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.000%#
20) 2-Butanone-d5	3.873	46	128013	58.994	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.980%
24) Chloroform-d	4.346	84	104999	4.468	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.400%
26) 1,2-Dichloroethane-d4	5.031	65	51178	4.572	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
32) Benzene-d6	5.047	84	177360	3.837	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.800%
36) 1,2-Dichloropropane-d6	6.066	67	61112	4.276	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.600%
41) Toluene-d8	7.314	98	142212	3.360	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.200%#
43) trans-1,3-Dichloroprop...	7.625	79	14270	2.882	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	57.600%
46) 2-Hexanone-d5	8.088	63	87885	45.869	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.740%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	47648	4.608	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	53382	4.674	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.400%
Target Compounds						Qvalue
3) Chloromethane	1.237	50	755	0.043	ug/L	98
5) Vinyl chloride	1.304	62	1330	0.081	ug/L #	1
6) Bromomethane	1.513	94	569	0.075	ug/L #	53
8) Chloroethane	1.352	64	105787	11.636	ug/L #	52
14) Carbon disulfide	2.285	76	3089	0.073	ug/L #	91
18) trans-1,2-Dichloroethene	2.761	96	2488	0.190	ug/L	89
22) cis-1,2-Dichloroethene	3.905	96	71067	5.533	ug/L	99
37) 1,2-Dichloropropane	6.069	63	7426	0.561	ug/L #	85
39) cis-1,3-Dichloropropene	6.986	75	1191	0.074	ug/L #	44
61) 1,2,3-Trichloropropane	11.246	75	7863	1.234	ug/L #	67

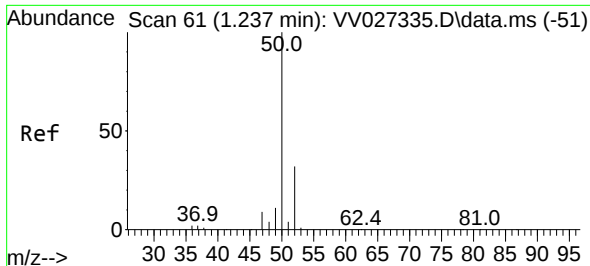
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 13 04:19:12 2022
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Aug 13 02:46:03 2022
Response via : Initial Calibration

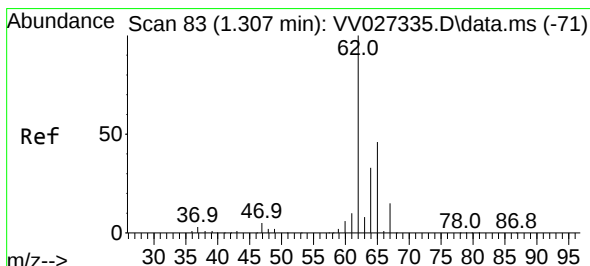
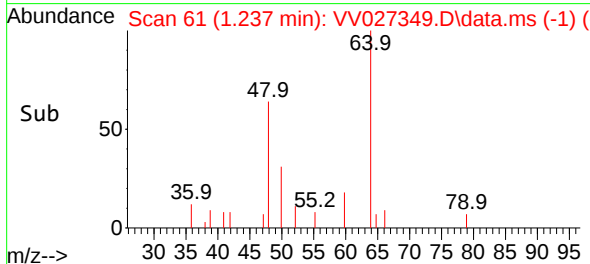
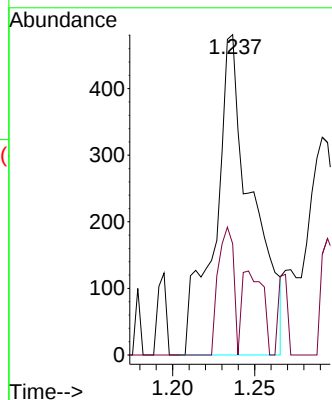
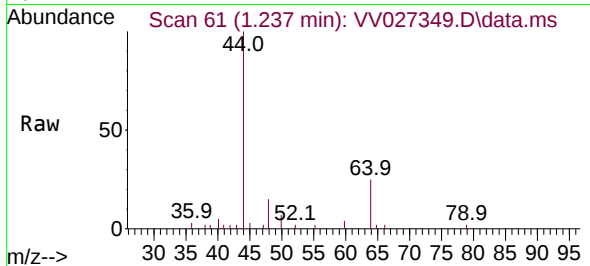




#3
Chloromethane
Concen: 0.043 ug/L
RT: 1.237 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV027349.D
Acq: 13 Aug 2022 00:34

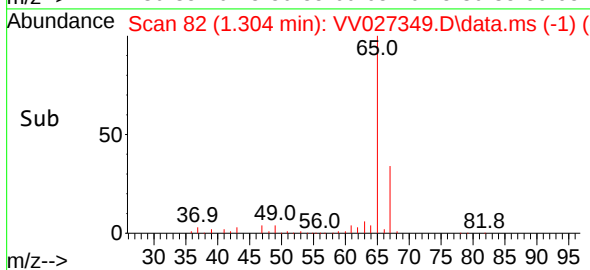
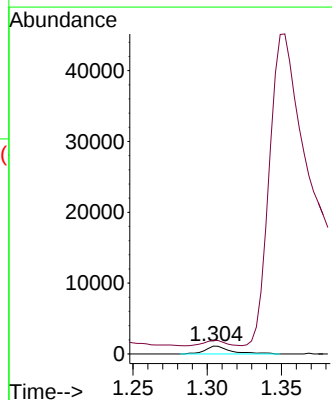
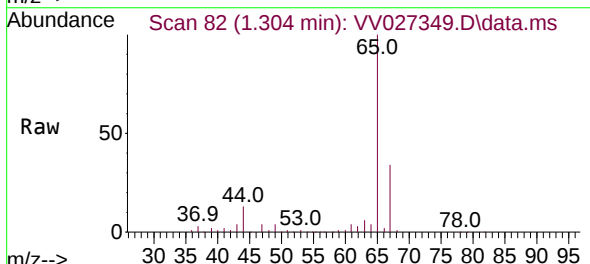
Instrument :
MSVOA_V
ClientSampleId :

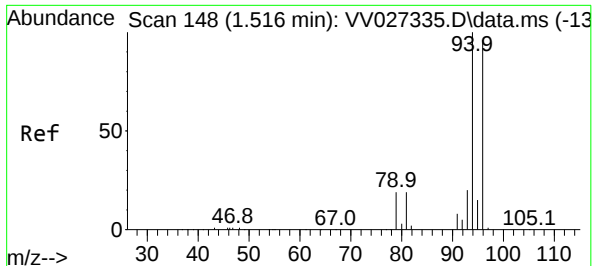
Tgt Ion: 50 Resp: 755
Ion Ratio Lower Upper
50 100
52 34.7 23.4 43.4



#5
Vinyl chloride
Concen: 0.081 ug/L
RT: 1.304 min Scan# 82
Delta R.T. -0.003 min
Lab File: VV027349.D
Acq: 13 Aug 2022 00:34

Tgt Ion: 62 Resp: 1330
Ion Ratio Lower Upper
62 100
64 175.3 23.7 44.1#

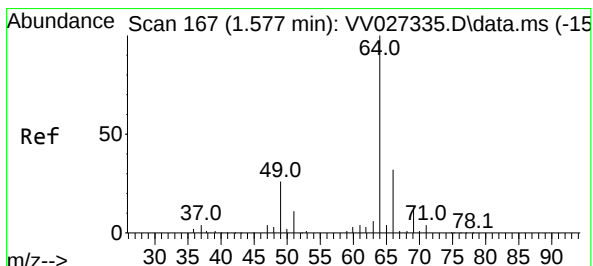
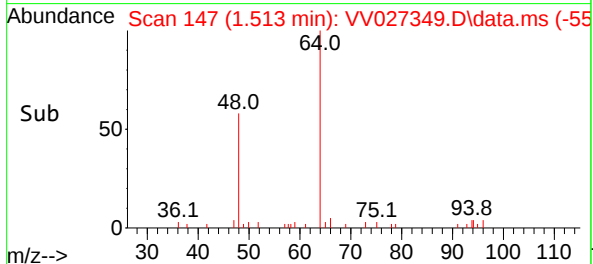
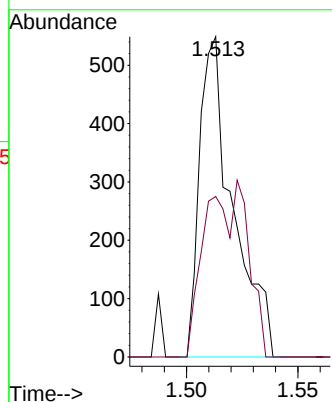
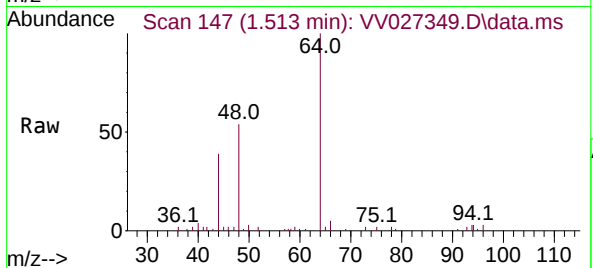




#6
Bromomethane
Concen: 0.075 ug/L
RT: 1.513 min Scan# 14
Delta R.T. -0.003 min
Lab File: VV027349.D
Acq: 13 Aug 2022 00:34

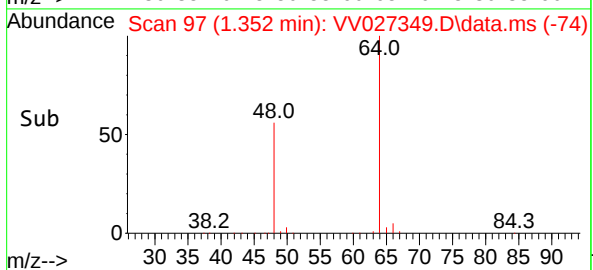
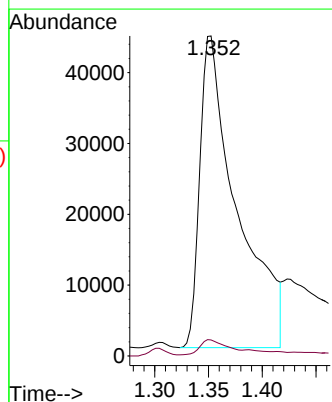
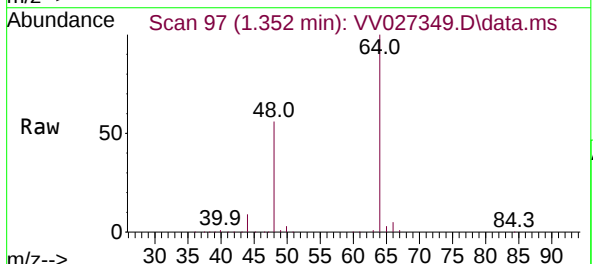
Instrument :
MSVOA_V
ClientSampleId :

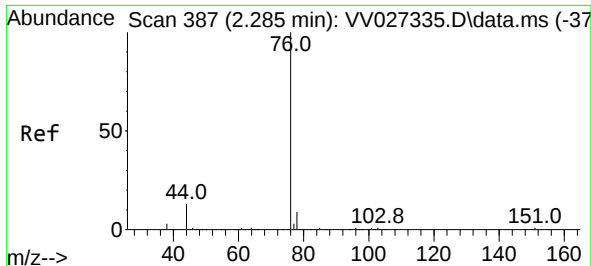
Tgt Ion: 94 Resp: 569
Ion Ratio Lower Upper
94 100
96 50.1 67.2 124.8#



#8
Chloroethane
Concen: 11.636 ug/L
RT: 1.352 min Scan# 97
Delta R.T. -0.225 min
Lab File: VV027349.D
Acq: 13 Aug 2022 00:34

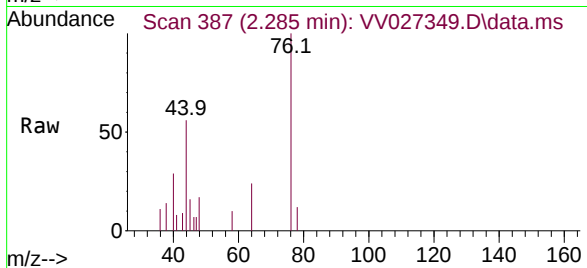
Tgt Ion: 64 Resp: 105787
Ion Ratio Lower Upper
64 100
66 5.0 22.3 41.5#



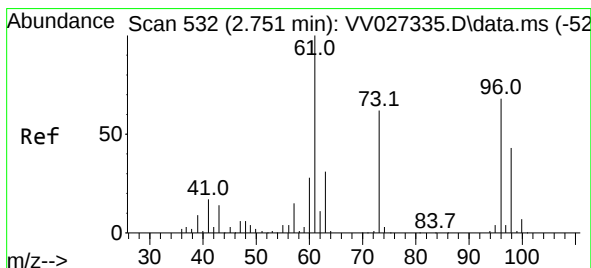
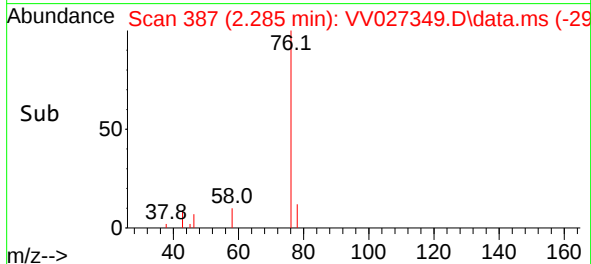
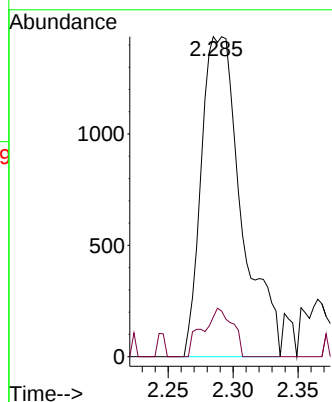


#14
Carbon disulfide
Concen: 0.073 ug/L
RT: 2.285 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV027349.D
Acq: 13 Aug 2022 00:34

Instrument :
MSVOA_V
ClientSampleId :

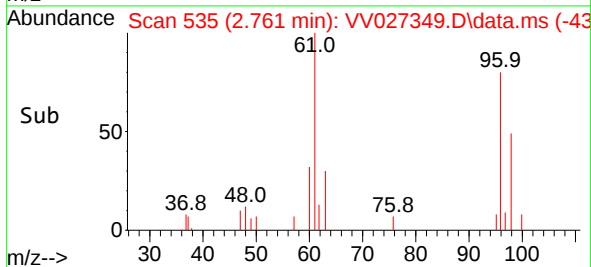
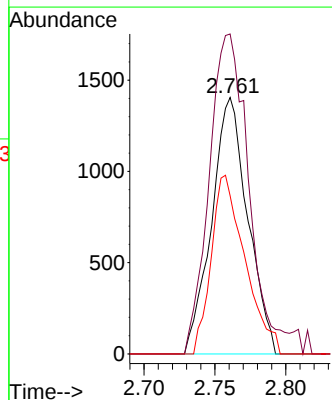
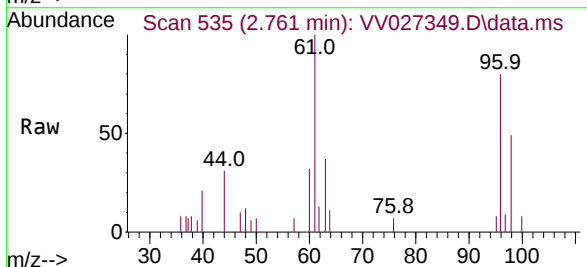


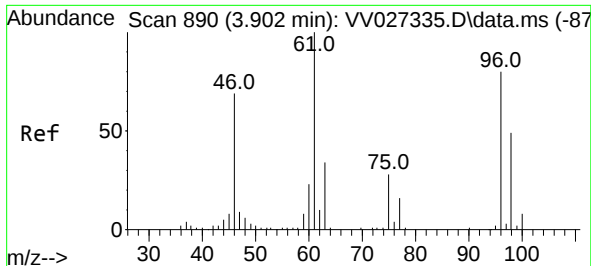
Tgt Ion: 76 Resp: 3089
Ion Ratio Lower Upper
76 100
78 12.4 7.2 10.8#



#18
trans-1,2-Dichloroethene
Concen: 0.190 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.010 min
Lab File: VV027349.D
Acq: 13 Aug 2022 00:34

Tgt Ion: 96 Resp: 2488
Ion Ratio Lower Upper
96 100
61 124.8 99.6 185.0
98 61.7 45.1 83.7





#22

cis-1,2-Dichloroethene

Concen: 5.533 ug/L

RT: 3.905 min Scan# 891

Delta R.T. 0.003 min

Lab File: VV027349.D

Acq: 13 Aug 2022 00:34

Instrument :

MSVOA_V

ClientSampleId :

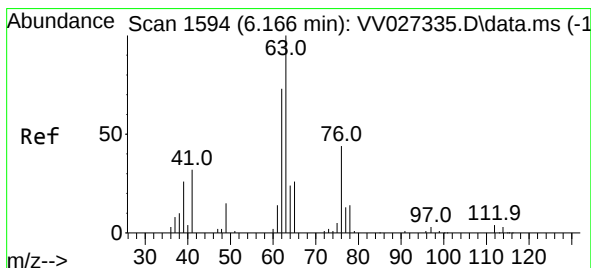
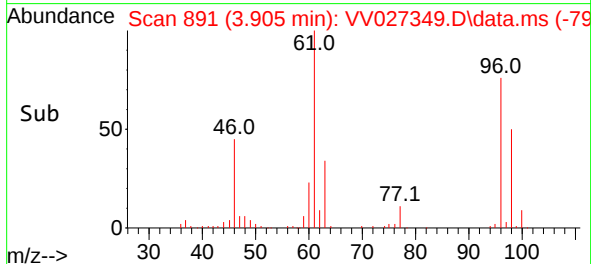
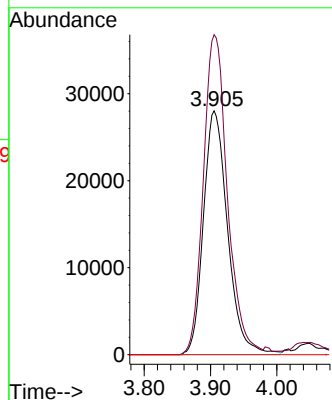
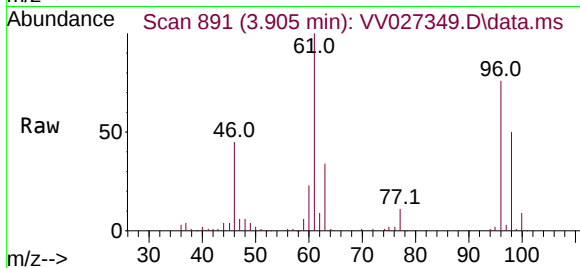
Tgt Ion: 96 Resp: 71067

Ion Ratio Lower Upper

96 100

61 131.3 91.3 169.5

68 0.0 0.0 0.0



#37

1,2-Dichloropropane

Concen: 0.561 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.096 min

Lab File: VV027349.D

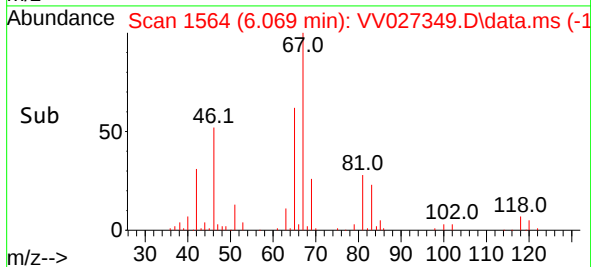
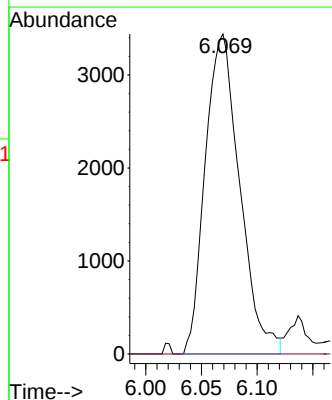
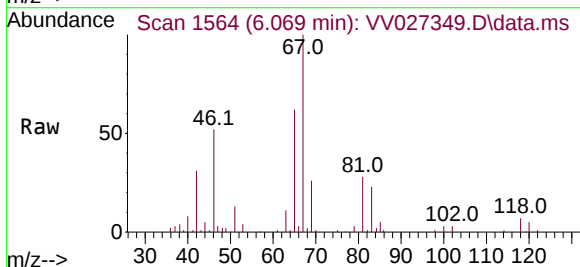
Acq: 13 Aug 2022 00:34

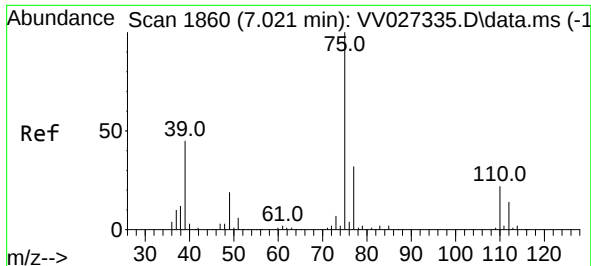
Tgt Ion: 63 Resp: 7426

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#





#39

cis-1,3-Dichloropropene

Concen: 0.074 ug/L

RT: 6.986 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV027349.D

Acq: 13 Aug 2022 00:34

Instrument :

MSVOA_V

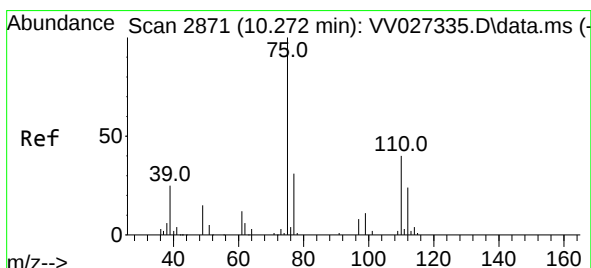
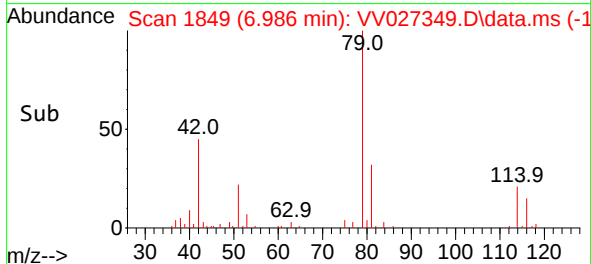
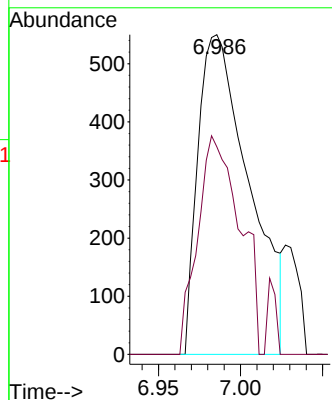
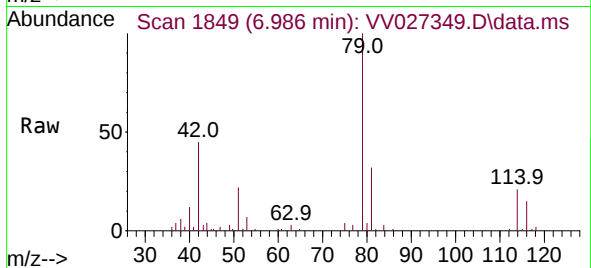
ClientSampleId :

Tgt Ion: 75 Resp: 1191

Ion Ratio Lower Upper

75 100

77 64.9 23.2 43.0#



#61

1,2,3-Trichloropropane

Concen: 1.234 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV027349.D

Acq: 13 Aug 2022 00:34

Tgt Ion: 75 Resp: 7863

Ion Ratio Lower Upper

75 100

77 34.5 26.6 39.8

110 3.1 31.0 46.6#

