

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090122\
 Data File : VV027691.D
 Acq On : 02 Sep 2022 01:06
 Operator : SY/MD
 Sample : N4396-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 02 01:39:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 02 00:17:48 2022
 Response via : Initial Calibration

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

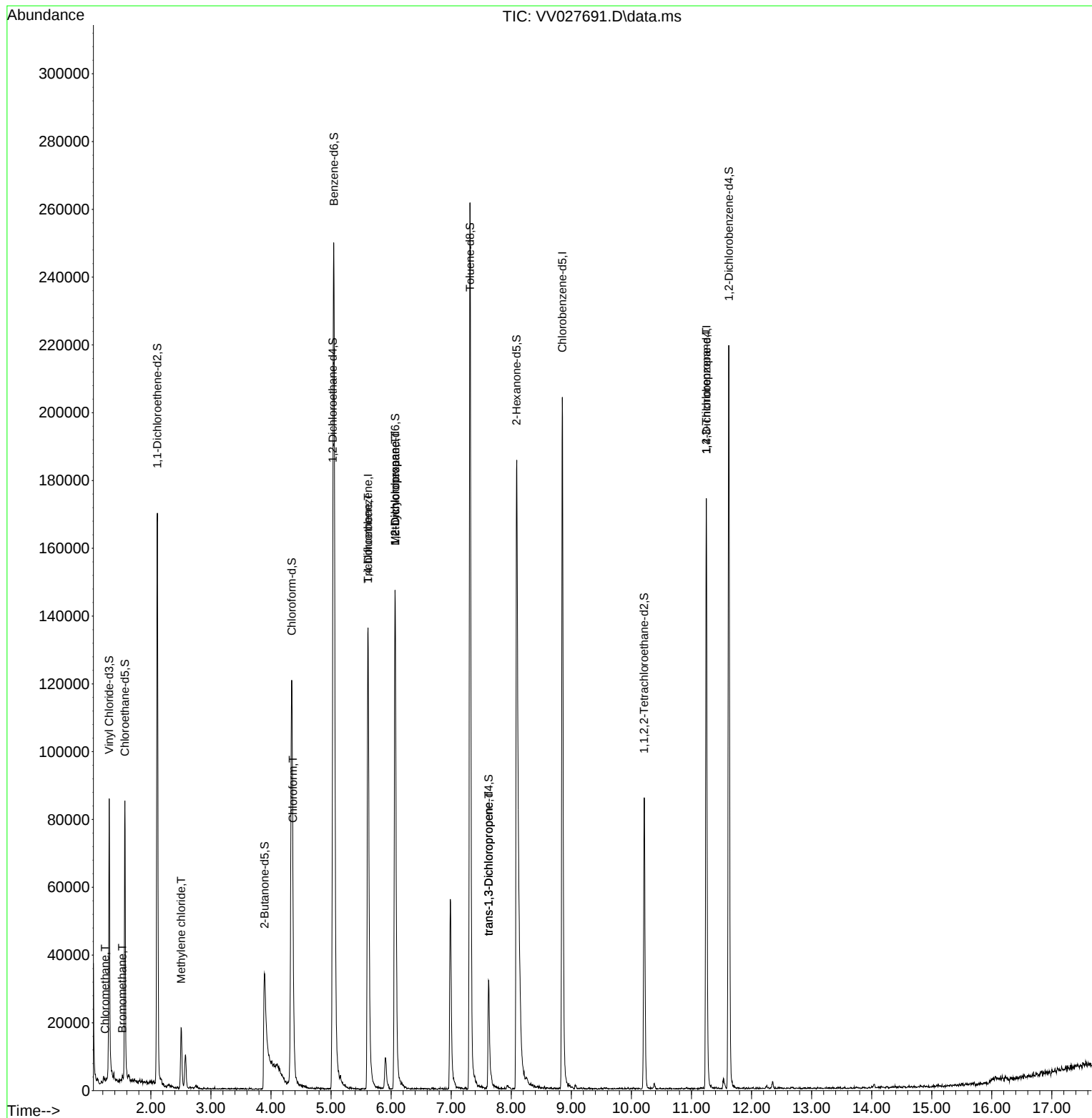
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	118359	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	112850	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	46515	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	59386	4.619	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.400%
7) Chloroethane-d5	1.568	69	53285	4.953	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.000%
11) 1,1-Dichloroethene-d2	2.108	63	91313	3.628	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.600%
20) 2-Butanone-d5	3.892	46	78400	36.063	ug/L	-0.06
Spiked Amount	50.000	Range	40 - 130	Recovery	=	72.120%
24) Chloroform-d	4.346	84	125372	4.857	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
26) 1,2-Dichloroethane-d4	5.030	65	59908	5.181	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.600%
32) Benzene-d6	5.047	84	231464	5.007	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
36) 1,2-Dichloropropane-d6	6.066	67	71001	4.966	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.400%
41) Toluene-d8	7.313	98	175415	4.382	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.600%
43) trans-1,3-Dichloroprop...	7.622	79	21117	4.794	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.800%
46) 2-Hexanone-d5	8.088	63	80617	48.669	ug/L	-0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.340%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	40795	4.434	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	57976	5.567	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.400%
Target Compounds						
3) Chloromethane	1.236	50	668	0.043	ug/L #	80
6) Bromomethane	1.523	94	467	0.068	ug/L	97
16) Methylene chloride	2.506	84	7127	0.572	ug/L	98
25) Chloroform	4.365	83	4589	0.199	ug/L	98
34) Trichloroethene	5.616	95	2121	0.196	ug/L #	5
35) Methylcyclohexane	6.066	83	17750	1.057	ug/L #	17
37) 1,2-Dichloropropane	6.066	63	8087	0.728	ug/L #	89
44) trans-1,3-Dichloropropene	7.622	75	938	0.085	ug/L	89
61) 1,2,3-Trichloropropane	11.246	75	4884	1.038	ug/L #	66

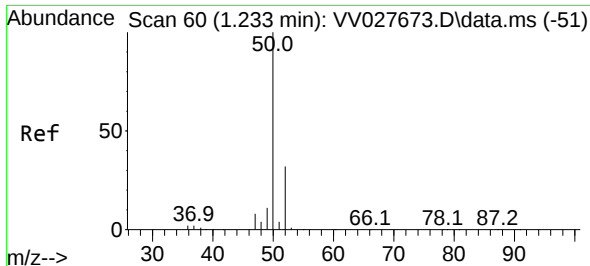
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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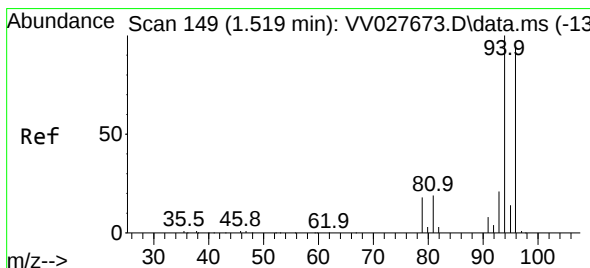
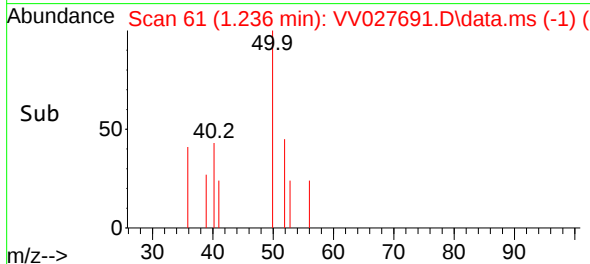
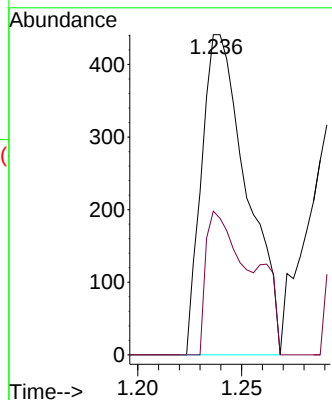
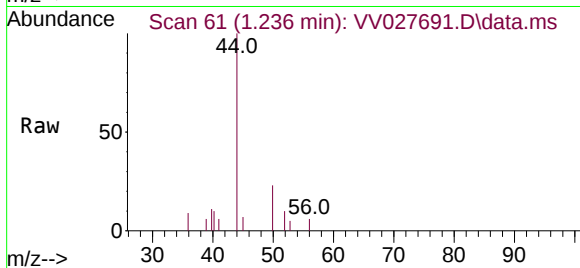




#3
Chloromethane
Concen: 0.043 ug/L
RT: 1.236 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV027691.D
Acq: 02 Sep 2022 01:06

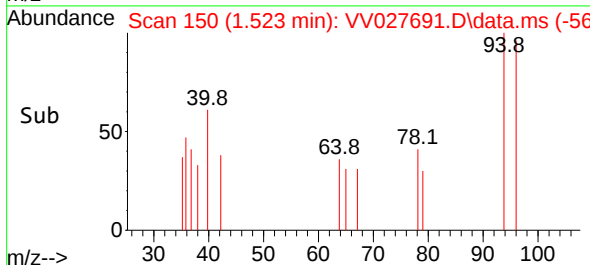
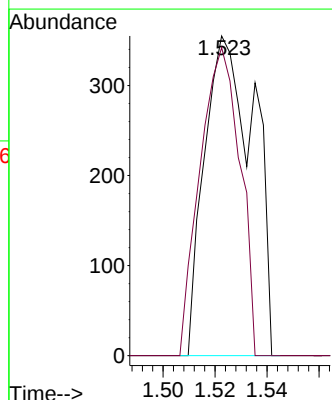
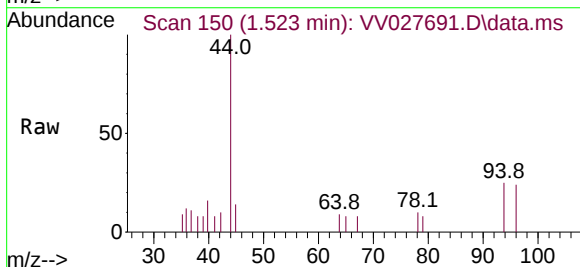
Instrument :
MSVOA_V
ClientSampleId :

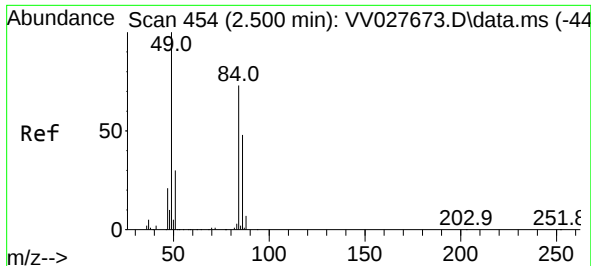
Tgt Ion: 50 Resp: 668
Ion Ratio Lower Upper
50 100
52 44.9 23.5 43.7#



#6
Bromomethane
Concen: 0.068 ug/L
RT: 1.523 min Scan# 150
Delta R.T. 0.003 min
Lab File: VV027691.D
Acq: 02 Sep 2022 01:06

Tgt Ion: 94 Resp: 467
Ion Ratio Lower Upper
94 100
96 96.3 65.1 120.9

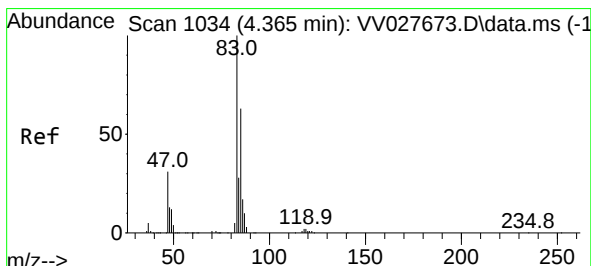
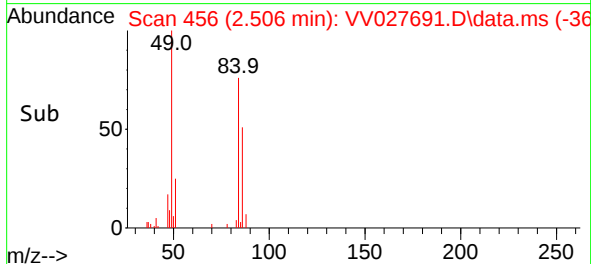
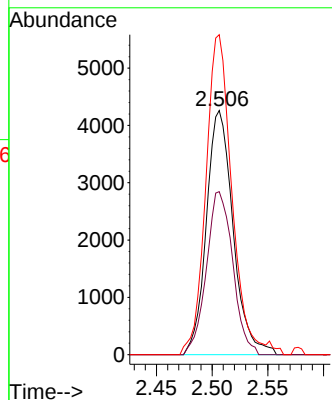
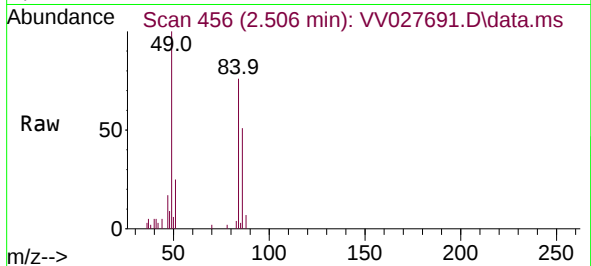




#16
Methylene chloride
Concen: 0.572 ug/L
RT: 2.506 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV027691.D
Acq: 02 Sep 2022 01:06

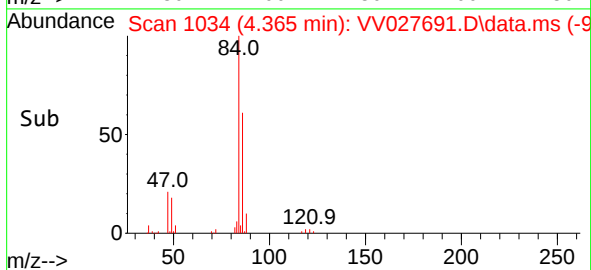
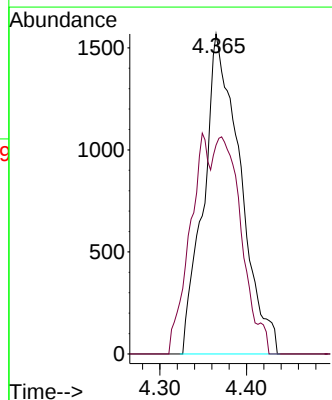
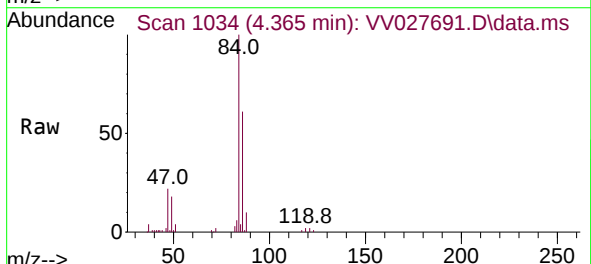
Instrument :
MSVOA_V
ClientSampleId :

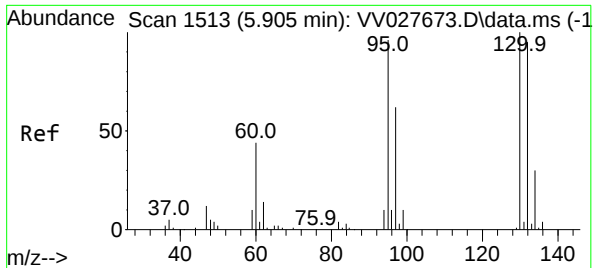
Tgt Ion: 84 Resp: 7127
Ion Ratio Lower Upper
84 100
86 66.8 43.9 81.5
49 131.1 92.5 171.7



#25
Chloroform
Concen: 0.199 ug/L
RT: 4.365 min Scan# 1034
Delta R.T. -0.000 min
Lab File: VV027691.D
Acq: 02 Sep 2022 01:06

Tgt Ion: 83 Resp: 4589
Ion Ratio Lower Upper
83 100
85 65.2 44.7 83.1





#34

Trichloroethene

Concen: 0.196 ug/L

RT: 5.616 min Scan# 14

Delta R.T. -0.290 min

Lab File: VV027691.D

Acq: 02 Sep 2022 01:06

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 2121

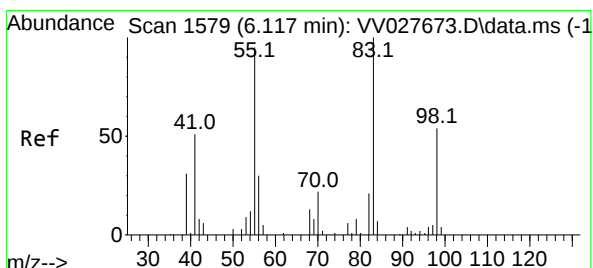
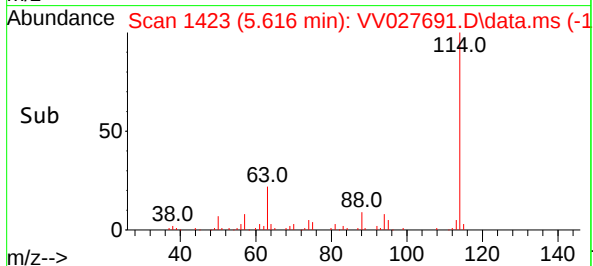
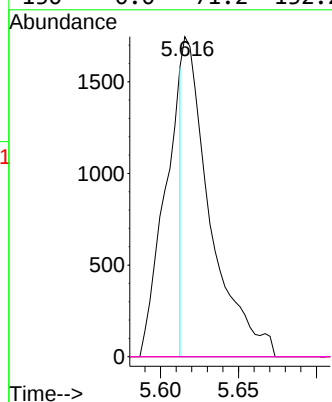
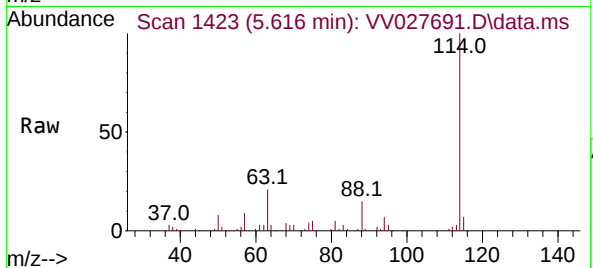
Ion Ratio Lower Upper

95 100

97 0.0 46.1 85.5#

132 0.0 67.3 125.1#

130 0.0 71.2 132.2#



#35

Methylcyclohexane

Concen: 1.057 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.052 min

Lab File: VV027691.D

Acq: 02 Sep 2022 01:06

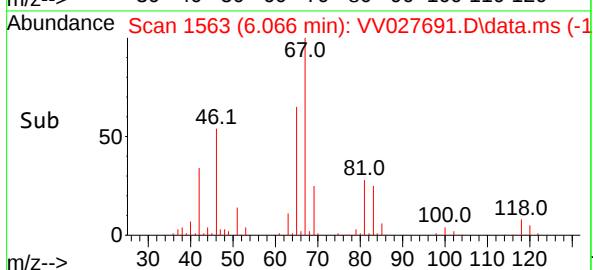
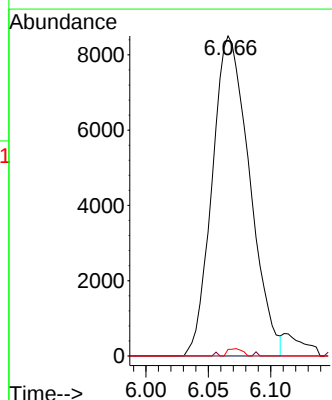
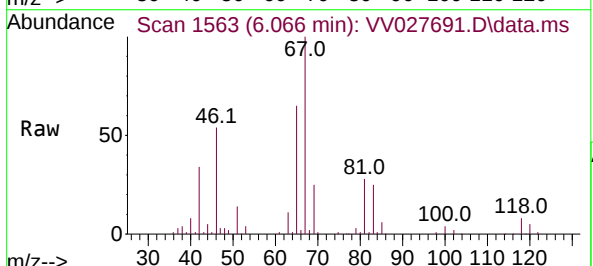
Tgt Ion: 83 Resp: 17750

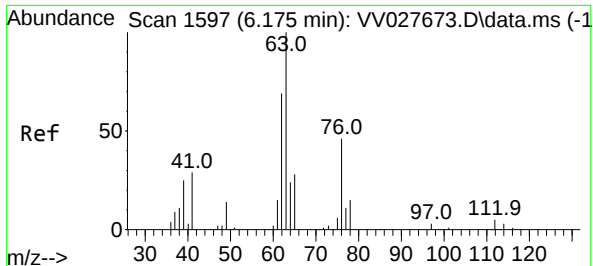
Ion Ratio Lower Upper

83 100

55 0.1 66.0 99.0#

98 0.9 36.9 55.3#





#37

1,2-Dichloropropane

Concen: 0.728 ug/L

RT: 6.066 min Scan# 1

Delta R.T. -0.109 min

Lab File: VV027691.D

Acq: 02 Sep 2022 01:06

Instrument :

MSVOA_V

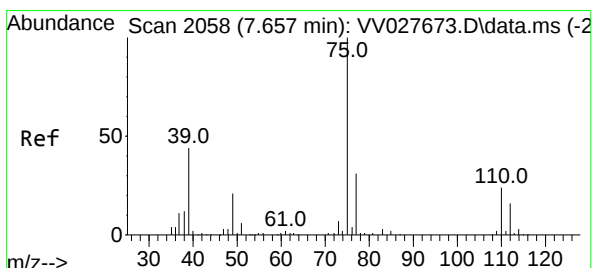
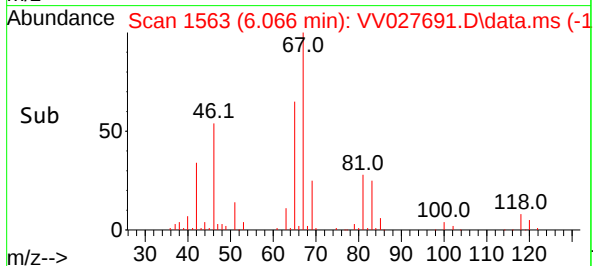
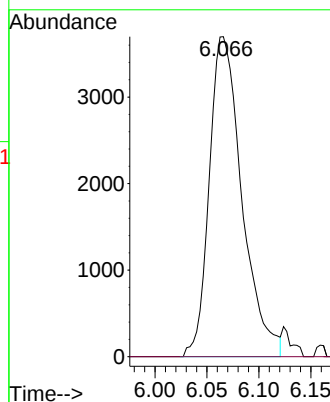
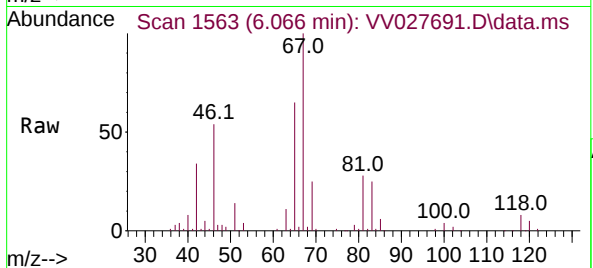
ClientSampleId :

Tgt Ion: 63 Resp: 8087

Ion Ratio Lower Upper

63 100

112 0.0 2.9 4.3#



#44

trans-1,3-Dichloropropene

Concen: 0.085 ug/L

RT: 7.622 min Scan# 2047

Delta R.T. -0.036 min

Lab File: VV027691.D

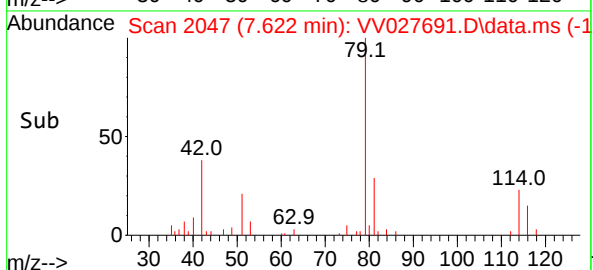
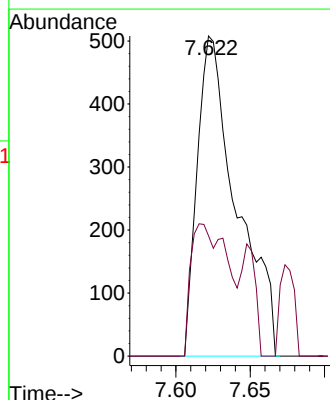
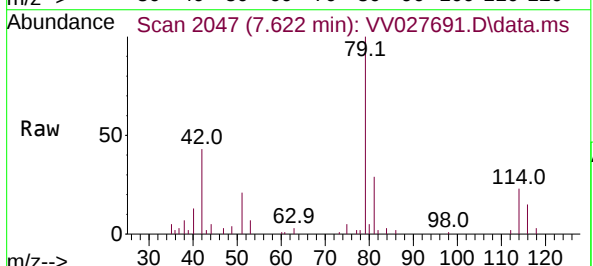
Acq: 02 Sep 2022 01:06

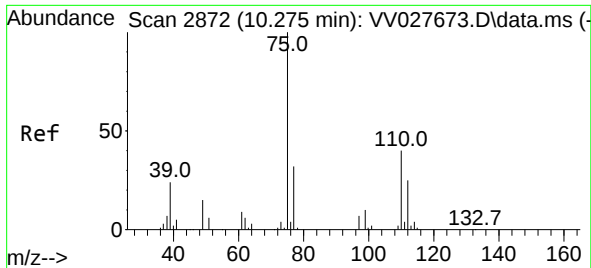
Tgt Ion: 75 Resp: 938

Ion Ratio Lower Upper

75 100

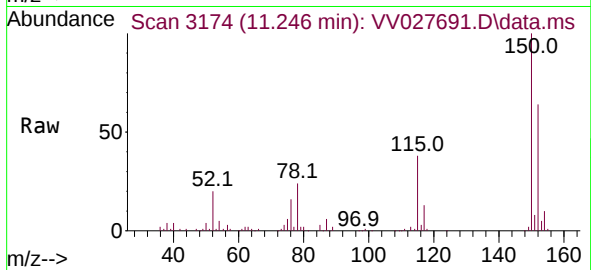
77 37.6 22.0 41.0





#61
 1,2,3-Trichloropropane
 Concen: 1.038 ug/L
 RT: 11.246 min Scan# 31
 Delta R.T. 0.971 min
 Lab File: VV027691.D
 Acq: 02 Sep 2022 01:06

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75	Resp:	4884
Ion	Ratio	Lower Upper
75	100	
77	35.1	25.8 38.6
110	2.0	29.8 44.8#

