

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062022\
 Data File : VV026465.D
 Acq On : 20 Jun 2022 23:00
 Operator : SY/MD
 Sample : N3401-01
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COAE0

Quant Time: Jun 21 05:41:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jun 21 05:26:17 2022
 Response via : Initial Calibration

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

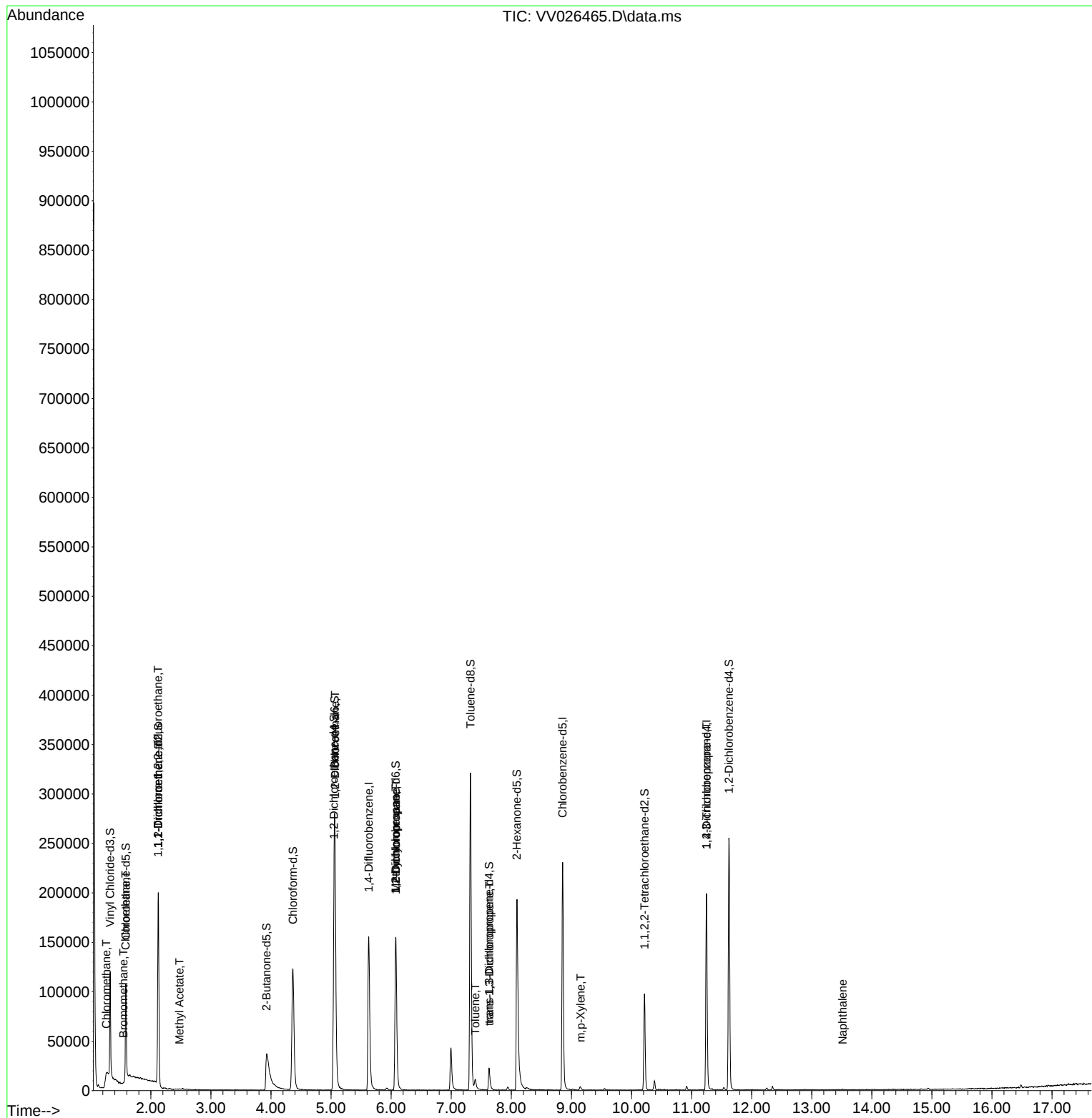
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	143175	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	135191	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	55312	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.323	65	69666	5.602	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 112.000%		
7) Chloroethane-d5	1.584	69	61049	6.243	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 124.800%		
11) 1,1-Dichloroethene-d2	2.124	63	103629	4.853	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 97.000%		
20) 2-Butanone-d5	3.925	46	94859	78.174	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 156.340%#		
24) Chloroform-d	4.365	84	131502	7.215	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 144.200%#		
26) 1,2-Dichloroethane-d4	5.047	65	55694	7.222	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 144.400%#		
32) Benzene-d6	5.060	84	266616	7.377	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 147.600%#		
36) 1,2-Dichloropropane-d6	6.076	67	79552	7.541	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 150.800%#		
41) Toluene-d8	7.320	98	221795	6.730	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 134.600%#		
43) trans-1,3-Dichloroprop...	7.629	79	15100	4.414	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 88.200%		
46) 2-Hexanone-d5	8.092	63	69192	66.964	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 133.920%#		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	47962	7.381	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 147.600%#		
66) 1,2-Dichlorobenzene-d4	11.622	152	69035	8.103	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 162.000%#		
Target Compounds						
					Qvalue	
3) Chloromethane	1.256	50	979	0.082	ug/L	91
6) Bromomethane	1.545	94	318	0.046	ug/L	91
8) Chloroethane	1.581	64	7376	0.961	ug/L #	49
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	1004	0.101	ug/L #	21
12) 1,1-Dichloroethene	2.124	96	837	0.093	ug/L #	1
15) Methyl Acetate	2.474	43	902	0.400	ug/L #	48
27) 1,2-Dichloroethane	5.066	62	1311	0.159	ug/L #	71
35) Methylcyclohexane	6.076	83	19392	1.481	ug/L #	19
37) 1,2-Dichloropropane	6.079	63	8476	0.935	ug/L #	88
42) Toluene	7.400	91	8242	0.226	ug/L	95
44) trans-1,3-Dichloropropene	7.635	75	638	0.077	ug/L	92
53) m,p-Xylene	9.153	106	1413	0.099	ug/L	65
61) 1,2,3-Trichloropropane	11.249	75	6401	1.783	ug/L #	66
71) Naphthalene	13.516	128	827	0.077	ug/L #	69

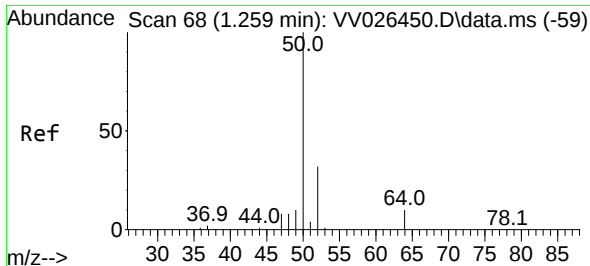
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

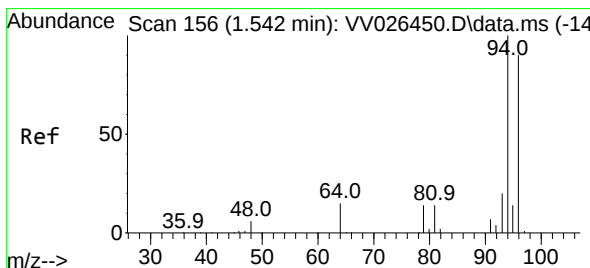
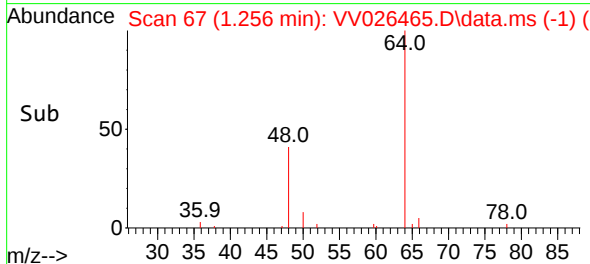
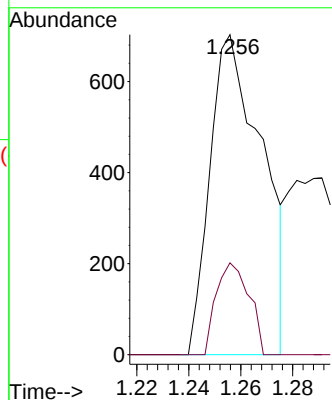
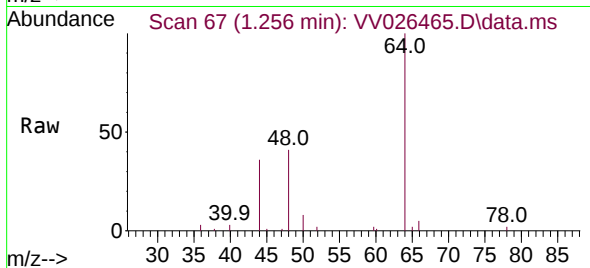




#3
Chloromethane
Concen: 0.082 ug/L
RT: 1.256 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV026465.D
Acq: 20 Jun 2022 23:00

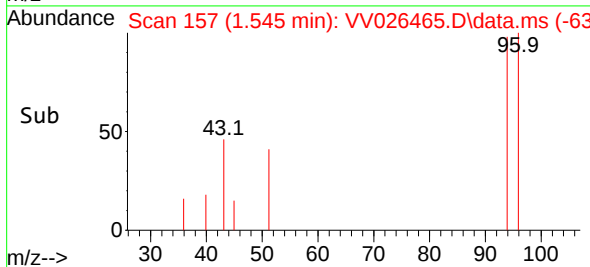
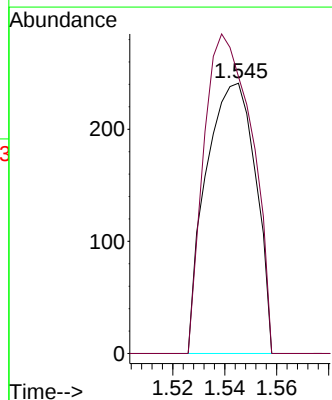
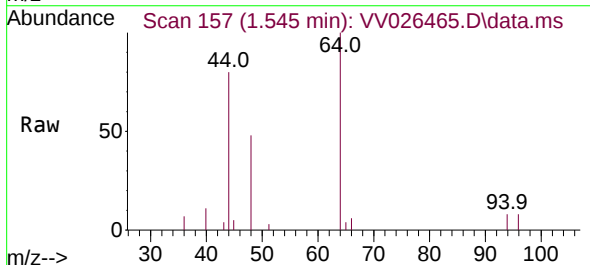
Instrument :
MSVOA_V
ClientSampleId :
COAE0

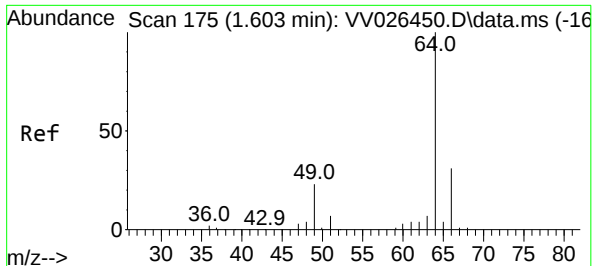
Tgt Ion: 50 Resp: 979
Ion Ratio Lower Upper
50 100
52 28.7 23.7 44.1



#6
Bromomethane
Concen: 0.046 ug/L
RT: 1.545 min Scan# 157
Delta R.T. 0.003 min
Lab File: VV026465.D
Acq: 20 Jun 2022 23:00

Tgt Ion: 94 Resp: 318
Ion Ratio Lower Upper
94 100
96 102.5 65.7 121.9

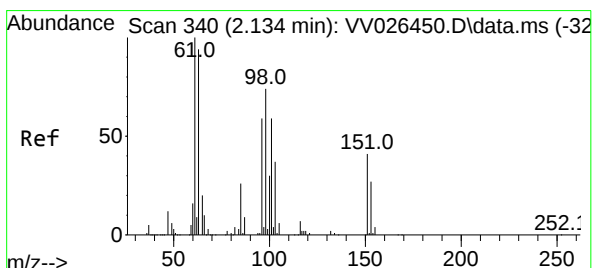
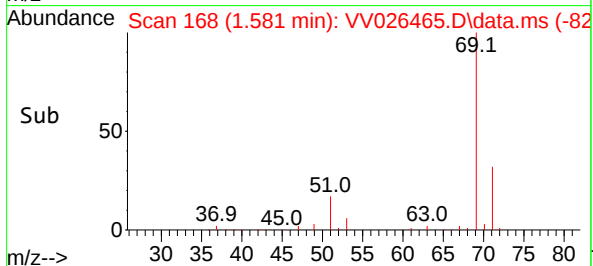
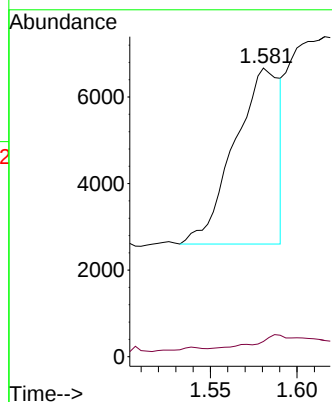
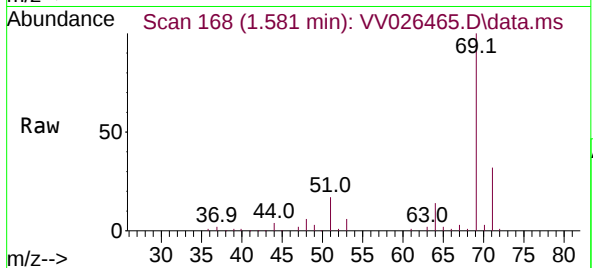




#8
Chloroethane
Concen: 0.961 ug/L
RT: 1.581 min Scan# 1
Delta R.T. -0.022 min
Lab File: VV026465.D
Acq: 20 Jun 2022 23:00

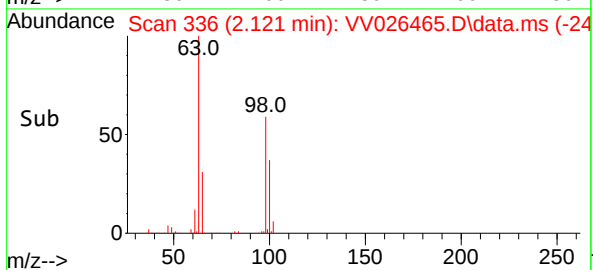
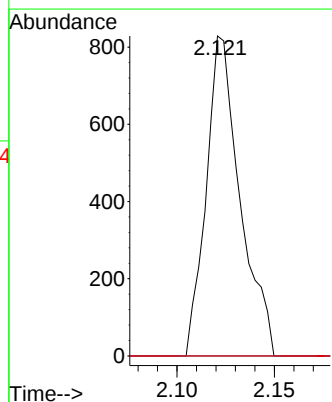
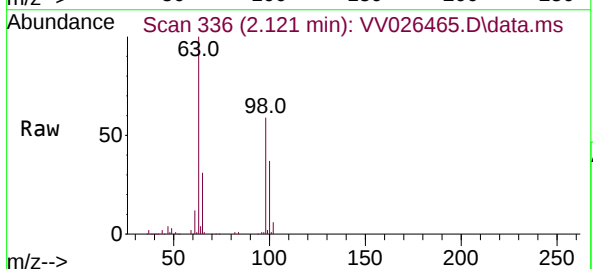
Instrument :
MSVOA_V
ClientSampleId :
COAE0

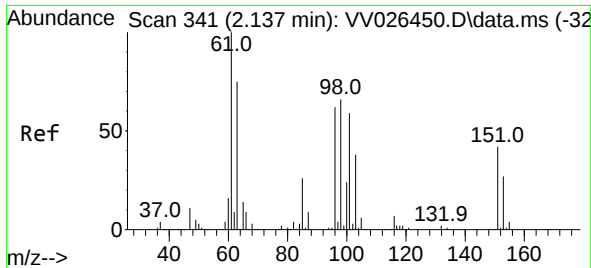
Tgt Ion: 64 Resp: 7376
Ion Ratio Lower Upper
64 100
66 5.3 24.1 44.7#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.101 ug/L
RT: 2.121 min Scan# 336
Delta R.T. -0.013 min
Lab File: VV026465.D
Acq: 20 Jun 2022 23:00

Tgt Ion: 101 Resp: 1004
Ion Ratio Lower Upper
101 100
85 0.0 35.3 52.9#
151 0.0 56.8 85.2#

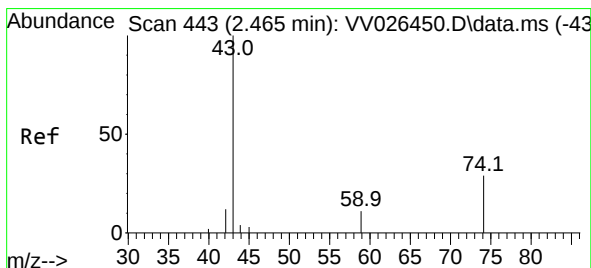
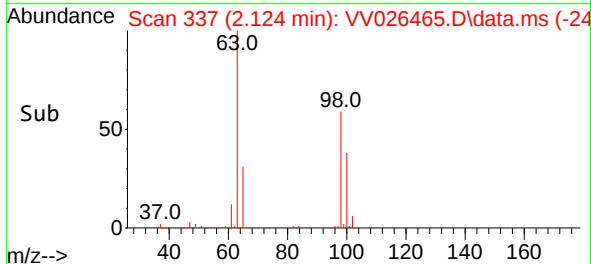
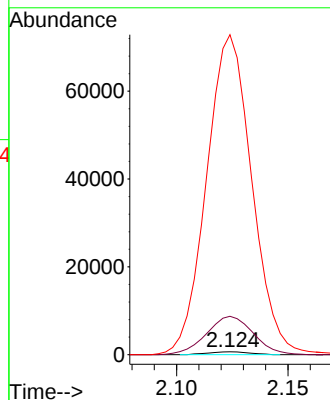
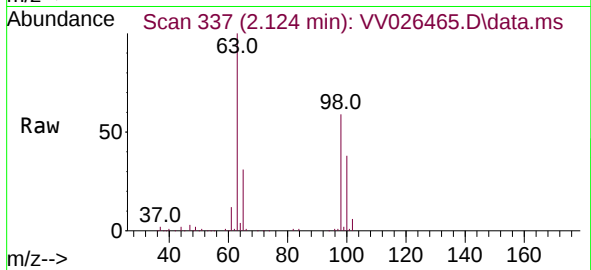




#12
1,1-Dichloroethene
Concen: 0.093 ug/L
RT: 2.124 min Scan# 31
Delta R.T. -0.013 min
Lab File: VV026465.D
Acq: 20 Jun 2022 23:00

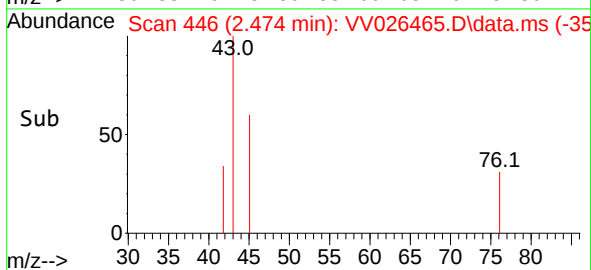
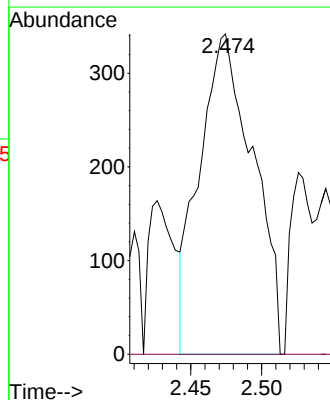
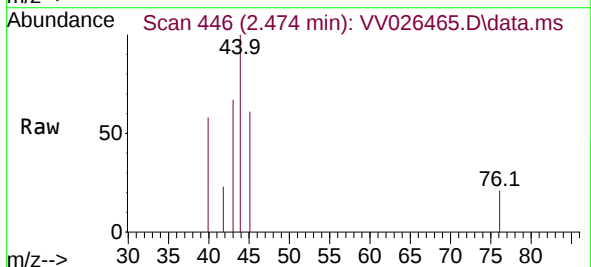
Instrument :
MSVOA_V
ClientSampleId :
C0AE0

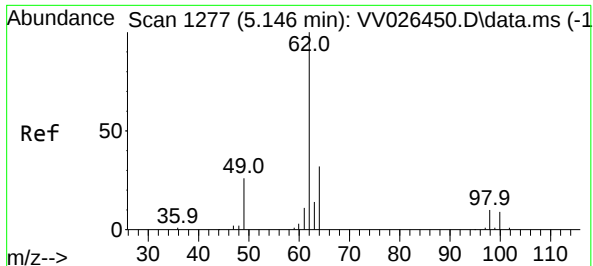
Tgt Ion: 96 Resp: 837
Ion Ratio Lower Upper
96 100
61 1298.7 117.1 217.5#
63 10827.9 92.8 172.4#



#15
Methyl Acetate
Concen: 0.400 ug/L
RT: 2.474 min Scan# 446
Delta R.T. 0.010 min
Lab File: VV026465.D
Acq: 20 Jun 2022 23:00

Tgt Ion: 43 Resp: 902
Ion Ratio Lower Upper
43 100
74 0.0 21.4 32.0#





#27

1,2-Dichloroethane

Concen: 0.159 ug/L

RT: 5.066 min Scan# 1

Delta R.T. -0.080 min

Lab File: VV026465.D

Acq: 20 Jun 2022 23:00

Instrument :

MSVOA_V

ClientSampleId :

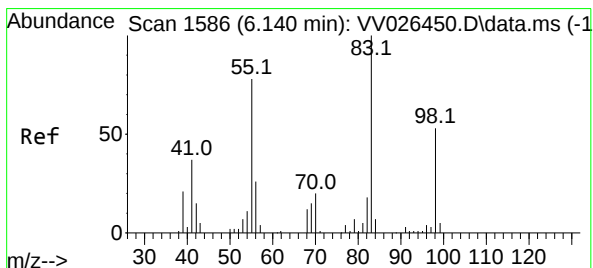
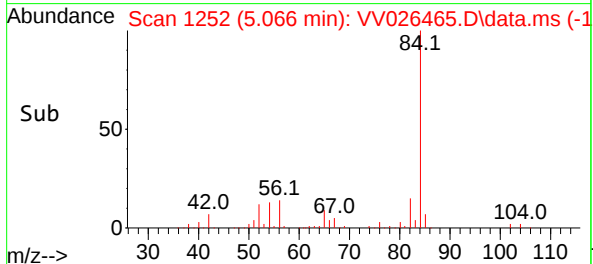
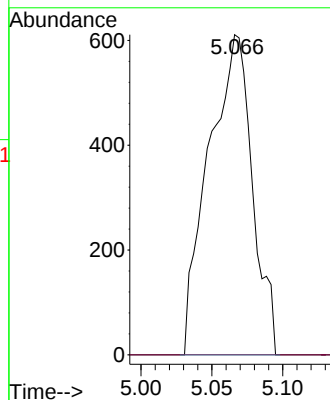
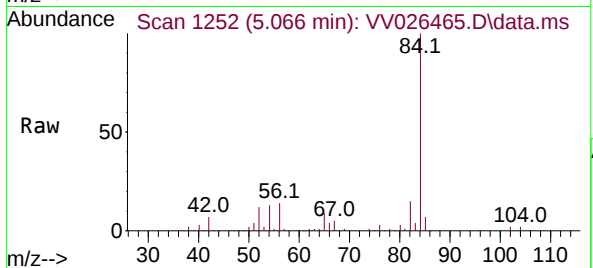
COAE0

Tgt Ion: 62 Resp: 1311

Ion Ratio Lower Upper

62 100

98 0.0 8.6 13.0#



#35

Methylcyclohexane

Concen: 1.481 ug/L

RT: 6.076 min Scan# 1566

Delta R.T. -0.064 min

Lab File: VV026465.D

Acq: 20 Jun 2022 23:00

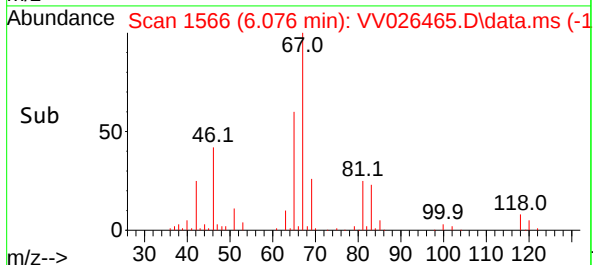
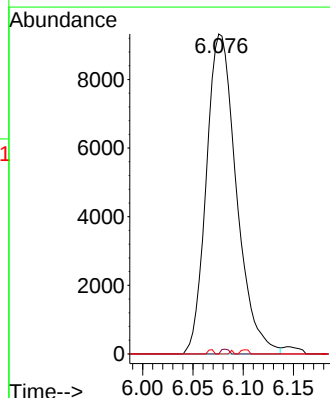
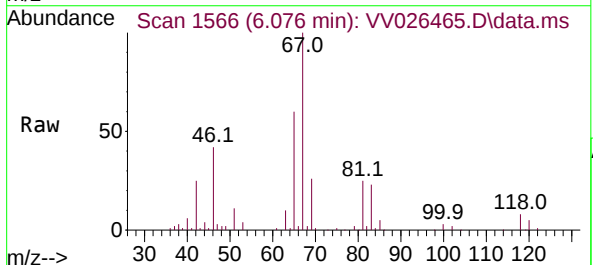
Tgt Ion: 83 Resp: 19392

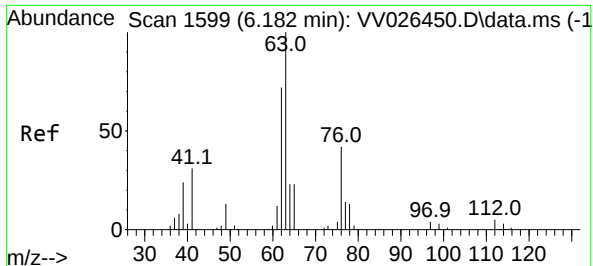
Ion Ratio Lower Upper

83 100

55 0.4 59.3 88.9#

98 0.1 39.9 59.9#





#37

1,2-Dichloropropane

Concen: 0.935 ug/L

RT: 6.079 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV026465.D

Acq: 20 Jun 2022 23:00

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MSVOA_V

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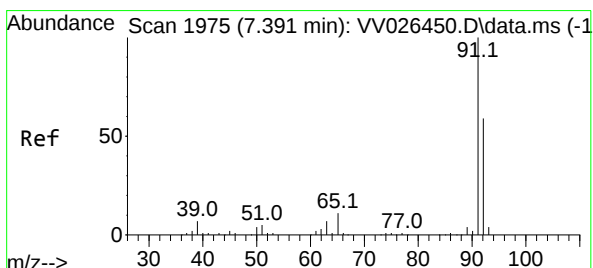
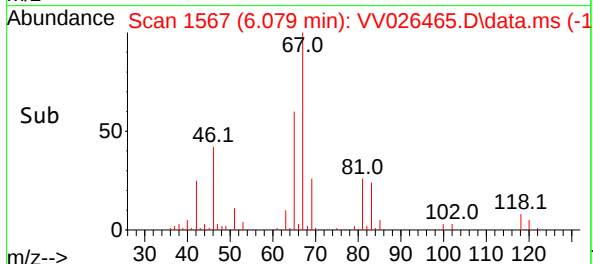
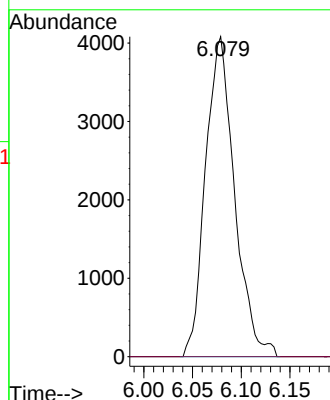
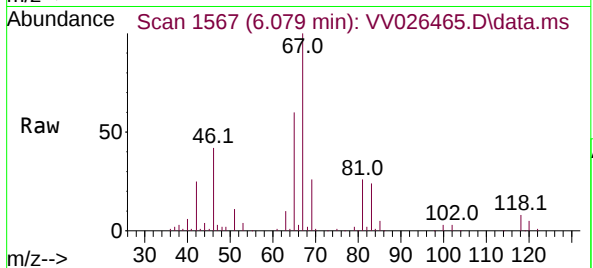
C0AE0

Tgt Ion: 63 Resp: 8476

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



#42

Toluene

Concen: 0.226 ug/L

RT: 7.400 min Scan# 1978

Delta R.T. 0.010 min

Lab File: VV026465.D

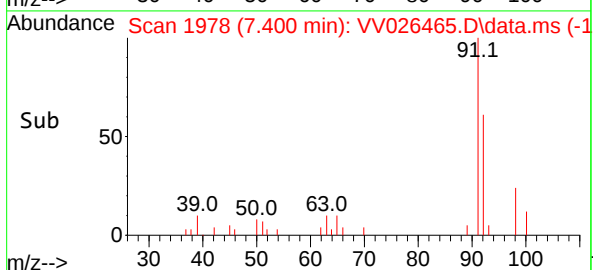
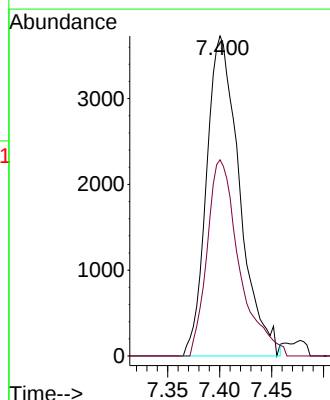
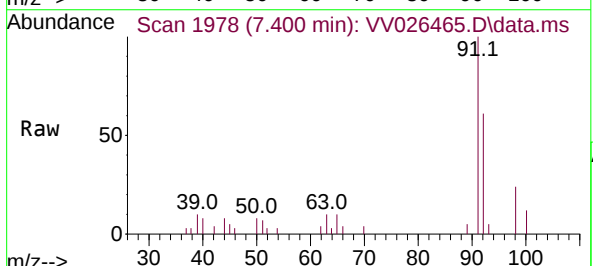
Acq: 20 Jun 2022 23:00

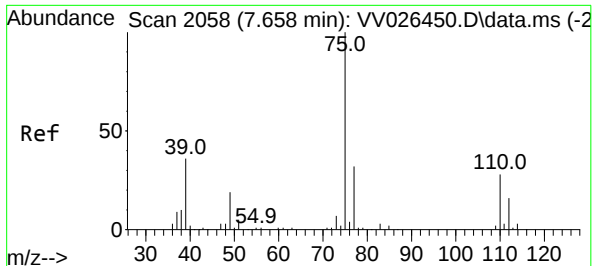
Tgt Ion: 91 Resp: 8242

Ion Ratio Lower Upper

91 100

92 61.3 40.1 74.5

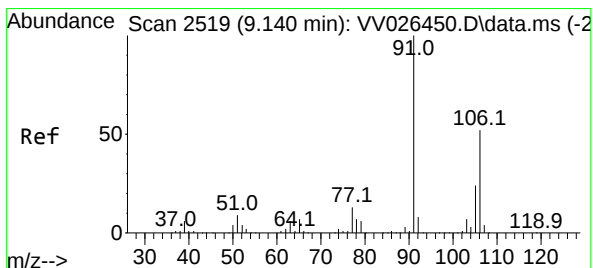
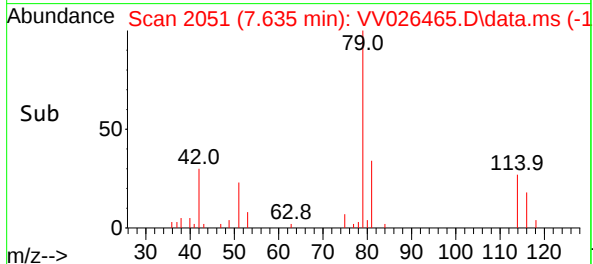
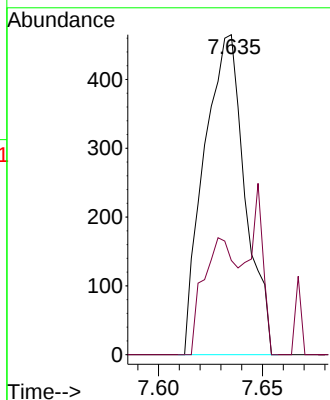
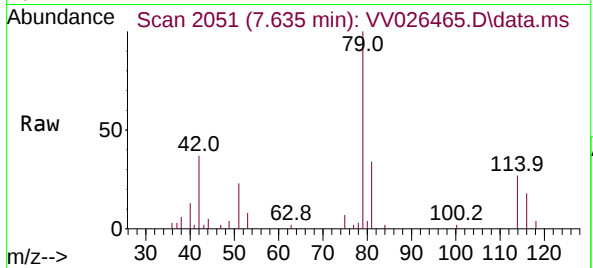




#44
trans-1,3-Dichloropropene
Concen: 0.077 ug/L
RT: 7.635 min Scan# 2058
Delta R.T. -0.022 min
Lab File: VV026465.D
Acq: 20 Jun 2022 23:00

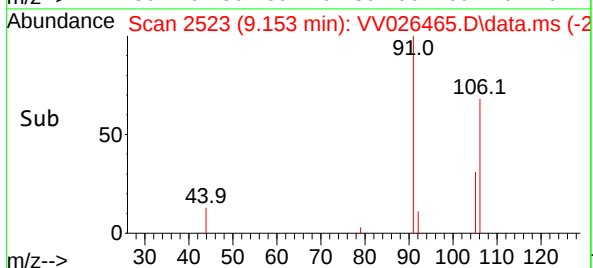
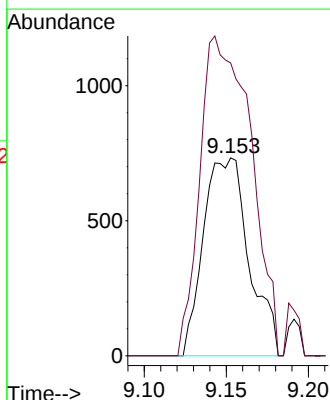
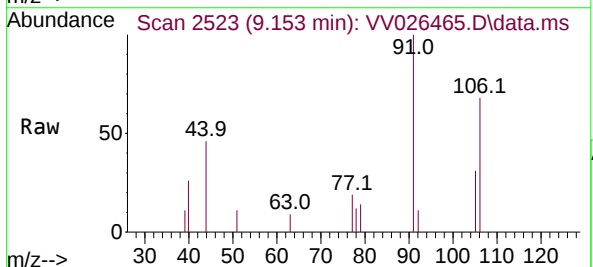
Instrument :
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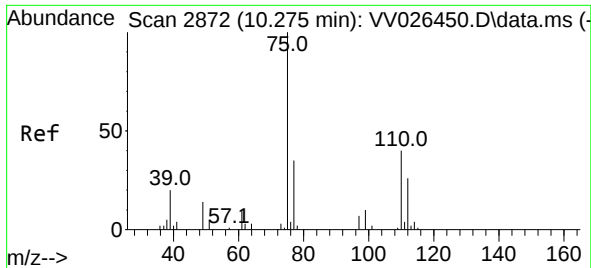
Tgt Ion: 75 Resp: 638
Ion Ratio Lower Upper
75 100
77 29.5 23.7 43.9



#53
m,p-Xylene
Concen: 0.099 ug/L
RT: 9.153 min Scan# 2523
Delta R.T. 0.013 min
Lab File: VV026465.D
Acq: 20 Jun 2022 23:00

Tgt Ion: 106 Resp: 1413
Ion Ratio Lower Upper
106 100
91 147.9 141.3 262.3

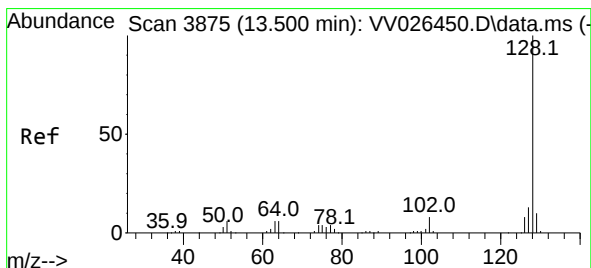
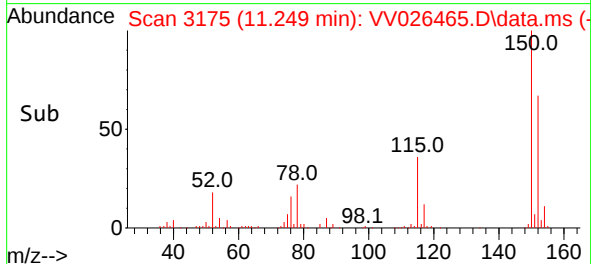
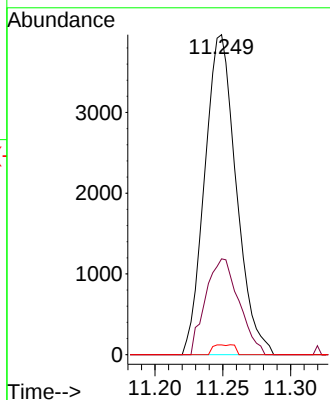
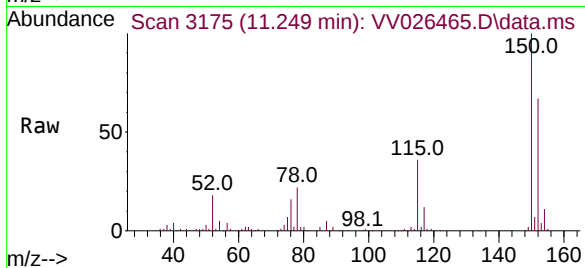




#61
1,2,3-Trichloropropane
Concen: 1.783 ug/L
RT: 11.249 min Scan# 31
Delta R.T. 0.974 min
Lab File: VV026465.D
Acq: 20 Jun 2022 23:00

Instrument :
MSVOA_V
ClientSampleId :
COAE0

Tgt Ion: 75 Resp: 6401
Ion Ratio Lower Upper
75 100
77 31.6 26.9 40.3
110 2.1 30.7 46.1#



#71
Naphthalene
Concen: 0.077 ug/L
RT: 13.516 min Scan# 3880
Delta R.T. 0.016 min
Lab File: VV026465.D
Acq: 20 Jun 2022 23:00

Tgt Ion: 128 Resp: 827
Ion Ratio Lower Upper
128 100
129 0.0 8.7 13.1#
127 0.0 10.6 16.0#

