

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041922\
 Data File : VW025623.D
 Acq On : 19 Apr 2022 10:08
 Operator : SY/MD
 Sample : VW0419WBL01
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK347

Quant Time: Apr 20 02:50:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 20 02:46:45 2022
 Response via : Initial Calibration

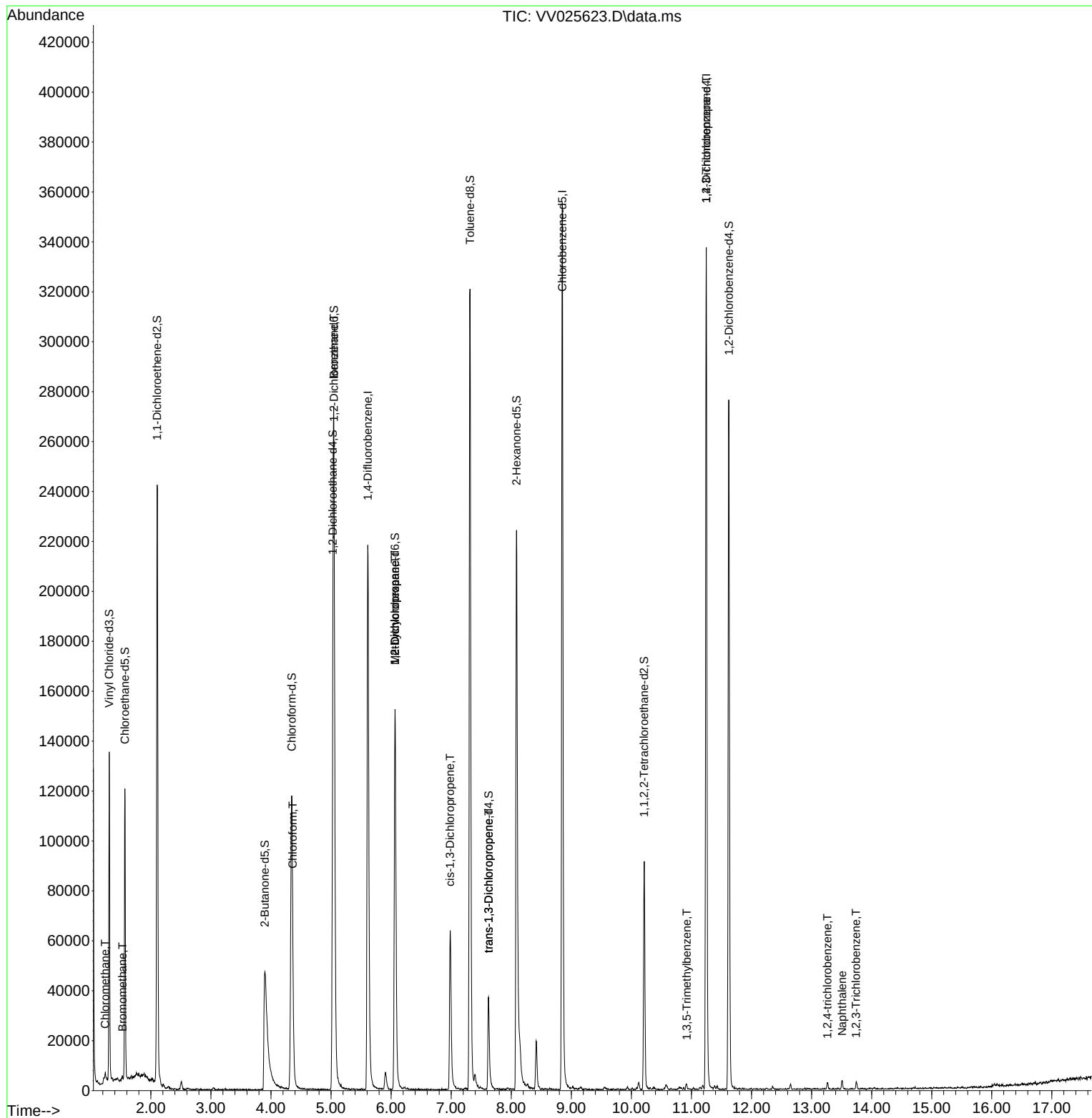
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	193775	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	190546	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	87005	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	79718	4.425	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.400%
7) Chloroethane-d5	1.568	69	71951	3.754	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.000%
11) 1,1-Dichloroethene-d2	2.104	63	128609	3.564	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.200%
20) 2-Butanone-d5	3.899	46	105150	47.983	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.960%
24) Chloroform-d	4.346	84	123732	4.545	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
26) 1,2-Dichloroethane-d4	5.030	65	58060	4.950	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
32) Benzene-d6	5.046	84	251442	4.561	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
36) 1,2-Dichloropropane-d6	6.066	67	73590	4.786	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.800%
41) Toluene-d8	7.313	98	214362	4.190	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.800%
43) trans-1,3-Dichloroprop...	7.622	79	22709	4.394	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.800%
46) 2-Hexanone-d5	8.088	63	78908	43.504	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.000%
56) 1,1,2,2-Tetrachloroeth...	10.213	84	42145	4.339	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	69254	4.748	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	1702	0.089	ug/L	95
6) Bromomethane	1.526	94	905	0.058	ug/L	88
25) Chloroform	4.362	83	1963	0.078	ug/L	76
27) 1,2-Dichloroethane	5.050	62	1354	0.102	ug/L #	71
35) Methylcyclohexane	6.066	83	18292	0.767	ug/L #	22
37) 1,2-Dichloropropane	6.066	63	8482	0.651	ug/L #	86
39) cis-1,3-Dichloropropene	6.982	75	1869	0.110	ug/L	84
44) trans-1,3-Dichloropropene	7.622	75	1089	0.082	ug/L #	79
61) 1,2,3-Trichloropropane	11.246	75	11164	1.948	ug/L #	62
62) 1,3,5-Trimethylbenzene	10.921	105	802	0.033	ug/L	92
70) 1,2,4-trichlorobenzene	13.265	180	1002	0.068	ug/L	89
71) Naphthalene	13.509	128	3546	0.164	ug/L #	92
72) 1,2,3-Trichlorobenzene	13.741	180	1010	0.083	ug/L	98

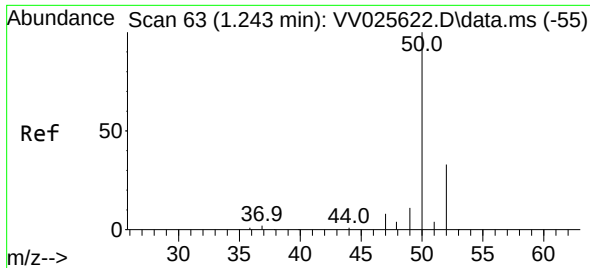
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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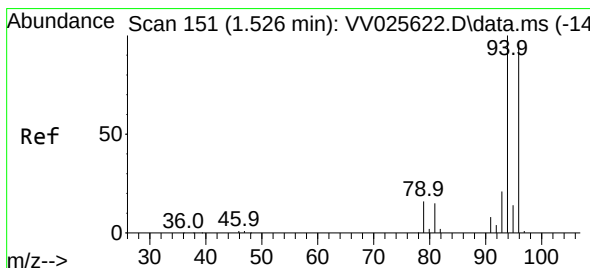
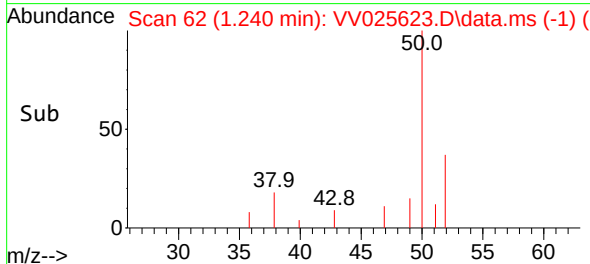
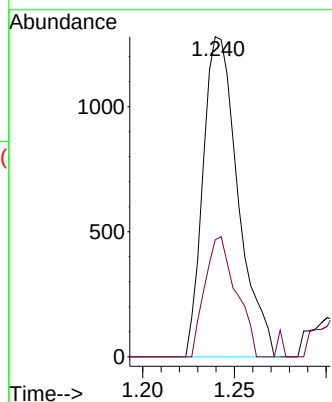
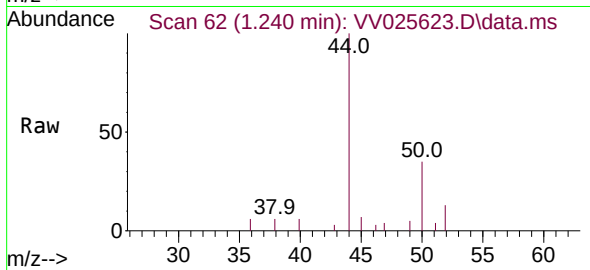




#3
Chloromethane
Concen: 0.089 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV025623.D
Acq: 19 Apr 2022 10:08

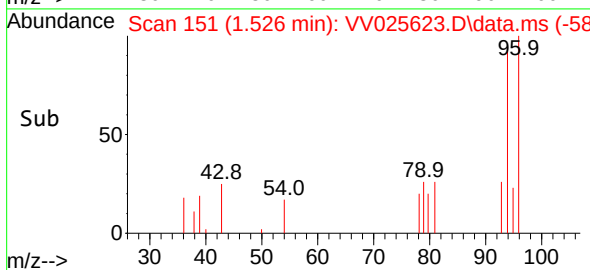
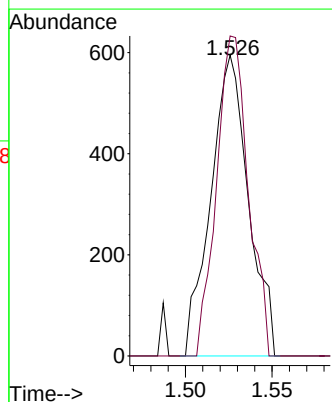
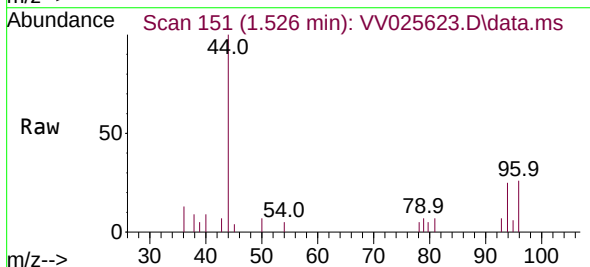
Instrument :
MSVOA_V
ClientSampleId :
VBLK347

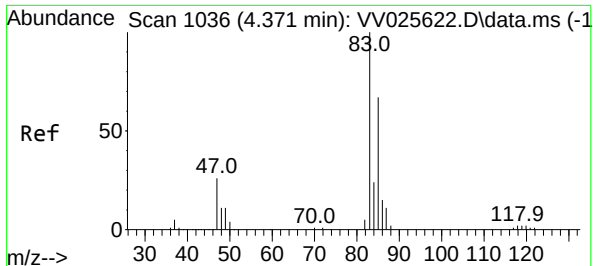
Tgt Ion: 50 Resp: 1702
Ion Ratio Lower Upper
50 100
52 36.6 23.7 43.9



#6
Bromomethane
Concen: 0.058 ug/L
RT: 1.526 min Scan# 151
Delta R.T. -0.000 min
Lab File: VV025623.D
Acq: 19 Apr 2022 10:08

Tgt Ion: 94 Resp: 905
Ion Ratio Lower Upper
94 100
96 106.4 66.1 122.7





#25

Chloroform

Concen: 0.078 ug/L

RT: 4.362 min Scan# 1033

Delta R.T. -0.010 min

Lab File: VV025623.D

Acq: 19 Apr 2022 10:08

Instrument :

MSVOA_V

ClientSampleId :

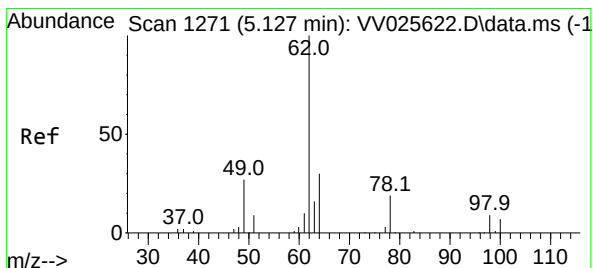
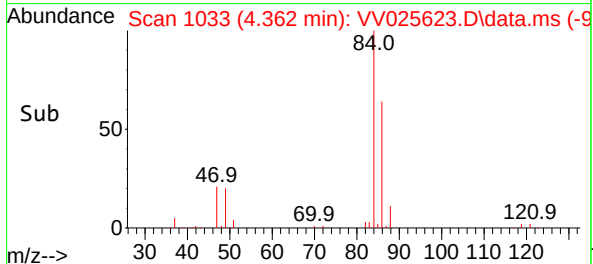
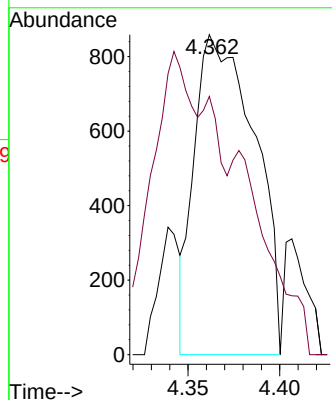
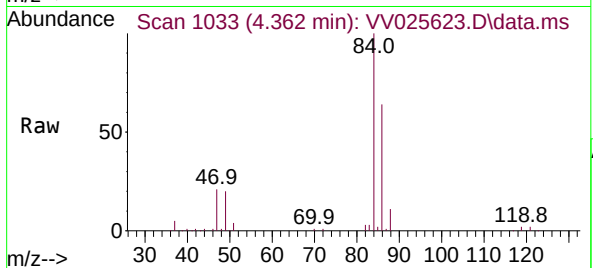
VBLK347

Tgt Ion: 83 Resp: 1963

Ion Ratio Lower Upper

83 100

85 80.7 43.5 80.7



#27

1,2-Dichloroethane

Concen: 0.102 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. -0.077 min

Lab File: VV025623.D

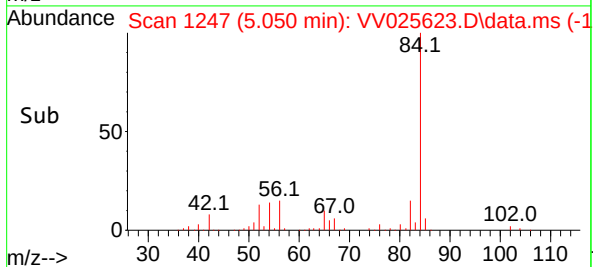
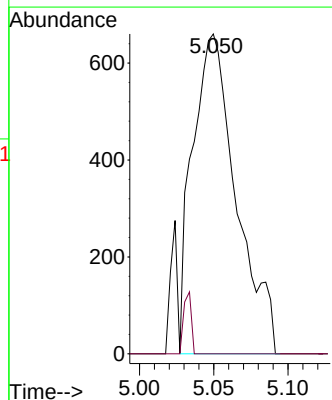
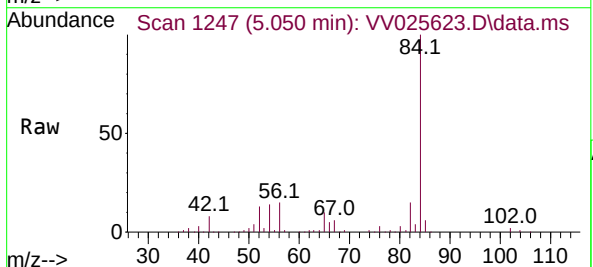
Acq: 19 Apr 2022 10:08

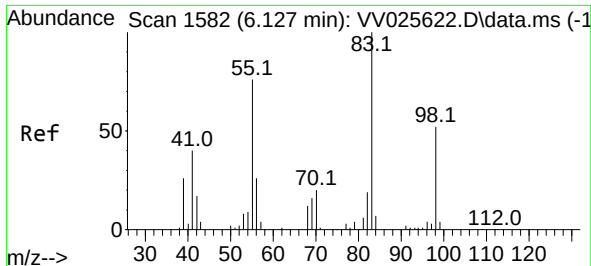
Tgt Ion: 62 Resp: 1354

Ion Ratio Lower Upper

62 100

98 0.0 8.8 13.2#





#35

Methylcyclohexane

Concen: 0.767 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.061 min

Lab File: VV025623.D

Acq: 19 Apr 2022 10:08

Instrument :

MSVOA_V

ClientSampleId :

VBLK347

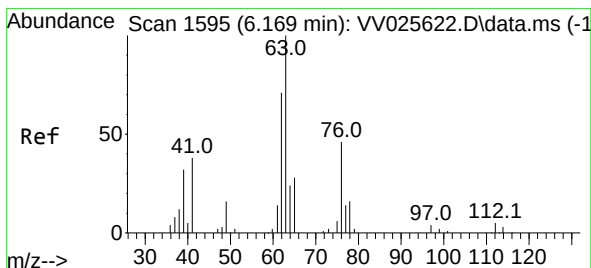
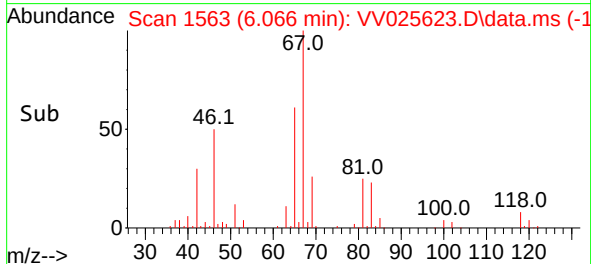
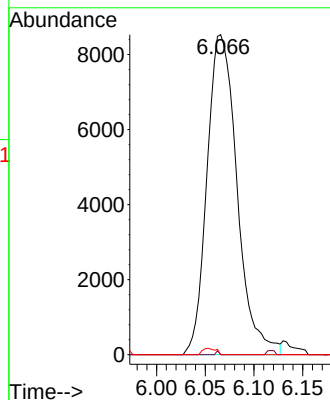
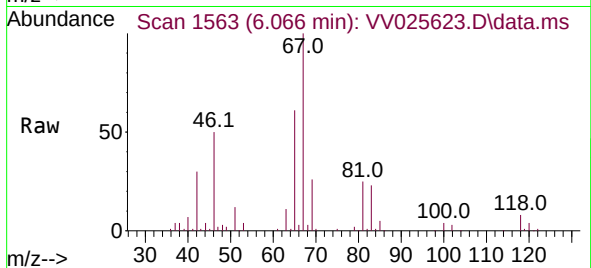
Tgt Ion: 83 Resp: 18292

Ion Ratio Lower Upper

83 100

55 0.1 53.7 80.5#

98 0.9 39.6 59.4#



#37

1,2-Dichloropropane

Concen: 0.651 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.103 min

Lab File: VV025623.D

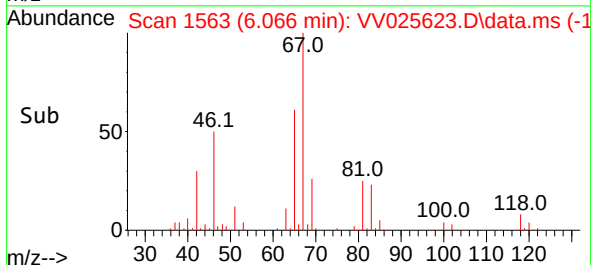
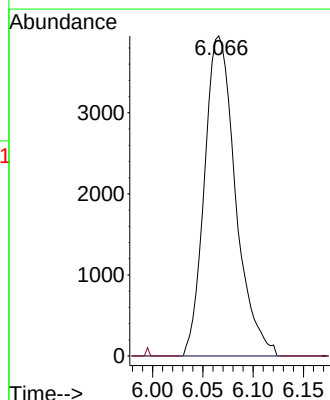
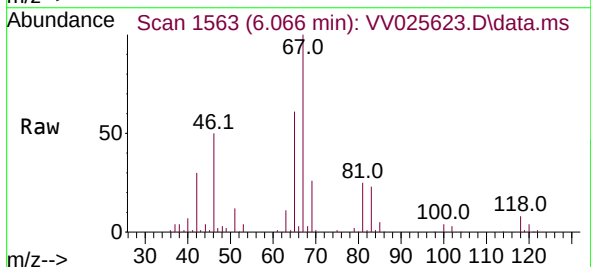
Acq: 19 Apr 2022 10:08

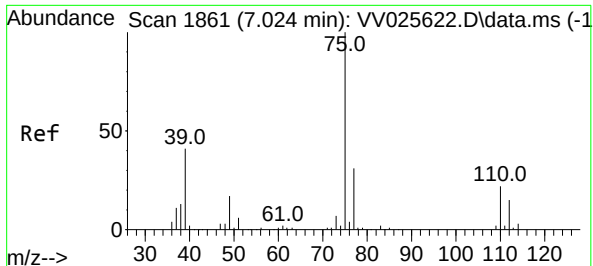
Tgt Ion: 63 Resp: 8482

Ion Ratio Lower Upper

63 100

112 0.2 3.8 5.8#





#39

cis-1,3-Dichloropropene

Concen: 0.110 ug/L

RT: 6.982 min Scan# 1869

Delta R.T. -0.042 min

Lab File: VV025623.D

Acq: 19 Apr 2022 10:08

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MSVOA_V

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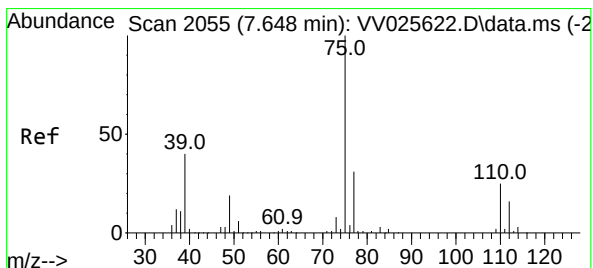
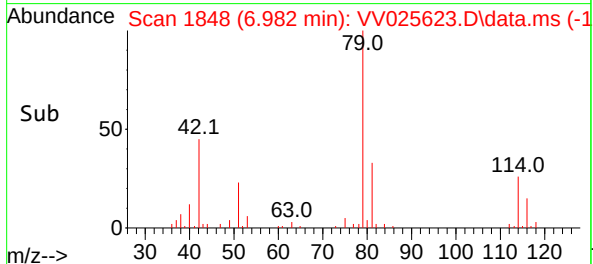
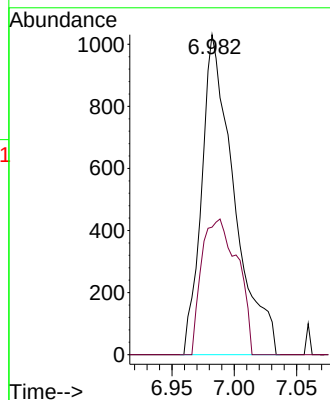
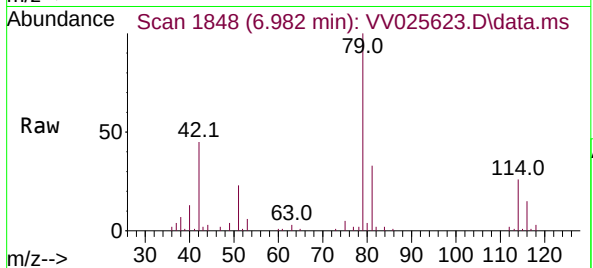
VBLK347

Tgt Ion: 75 Resp: 1869

Ion Ratio Lower Upper

75 100

77 39.9 21.8 40.6



#44

trans-1,3-Dichloropropene

Concen: 0.082 ug/L

RT: 7.622 min Scan# 2047

Delta R.T. -0.026 min

Lab File: VV025623.D

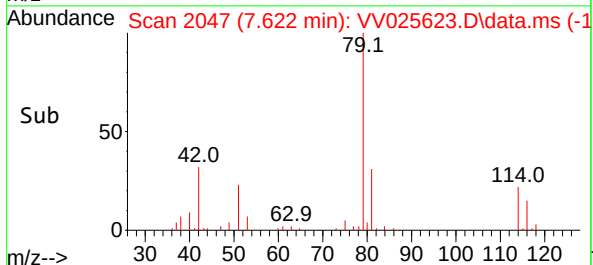
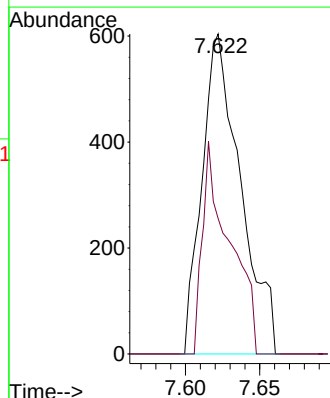
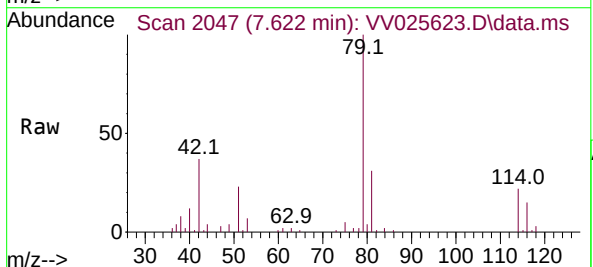
Acq: 19 Apr 2022 10:08

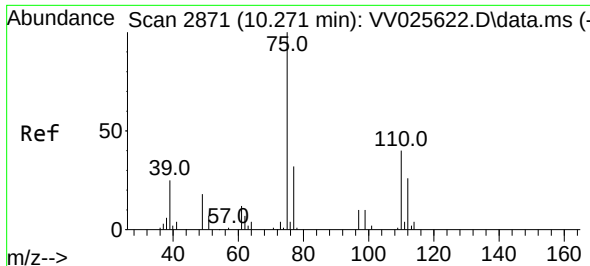
Tgt Ion: 75 Resp: 1089

Ion Ratio Lower Upper

75 100

77 42.4 21.7 40.3#

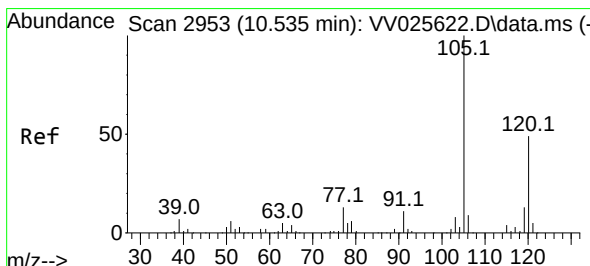
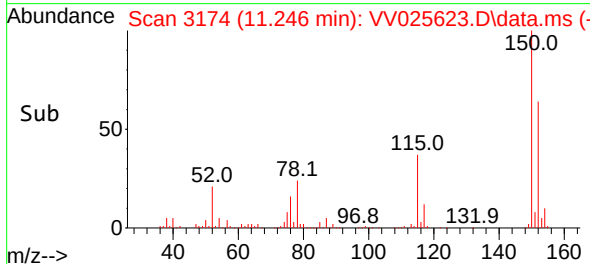
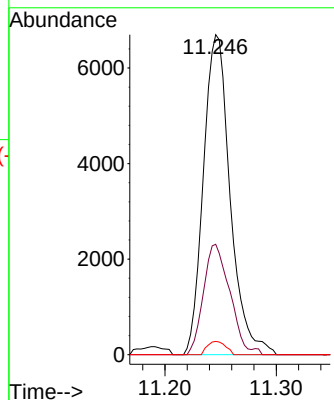
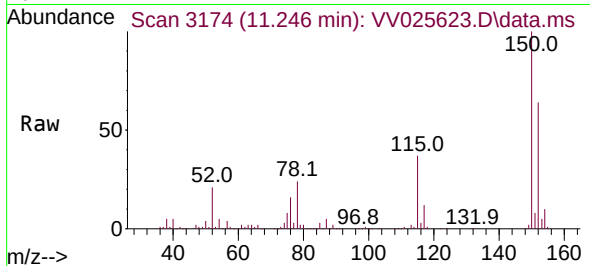




#61
 1,2,3-Trichloropropane
 Concen: 1.948 ug/L
 RT: 11.246 min Scan# 3174
 Delta R.T. 0.974 min
 Lab File: VV025623.D
 Acq: 19 Apr 2022 10:08

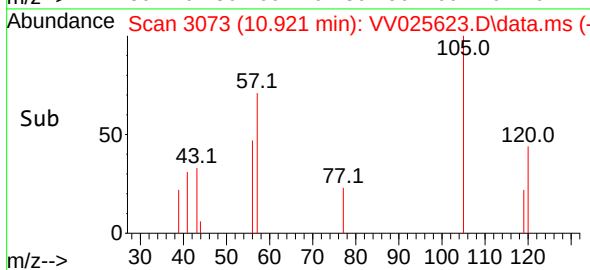
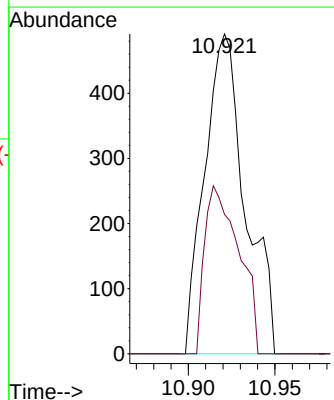
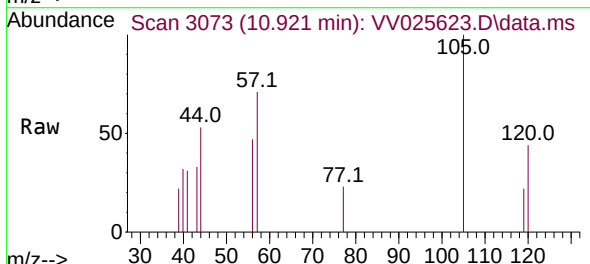
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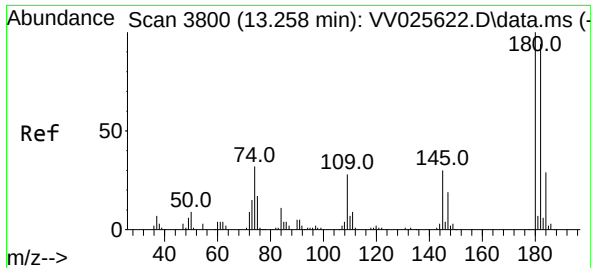
Tgt Ion: 75 Resp: 11164
 Ion Ratio Lower Upper
 75 100
 77 34.1 25.6 38.4
 110 2.8 34.7 52.1#



#62
 1,3,5-Trimethylbenzene
 Concen: 0.033 ug/L
 RT: 10.921 min Scan# 3073
 Delta R.T. 0.386 min
 Lab File: VV025623.D
 Acq: 19 Apr 2022 10:08

Tgt Ion: 105 Resp: 802
 Ion Ratio Lower Upper
 105 100
 120 44.3 39.6 59.4

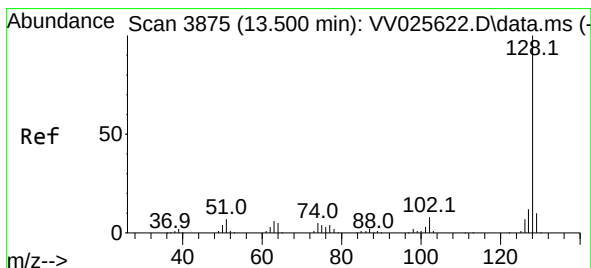
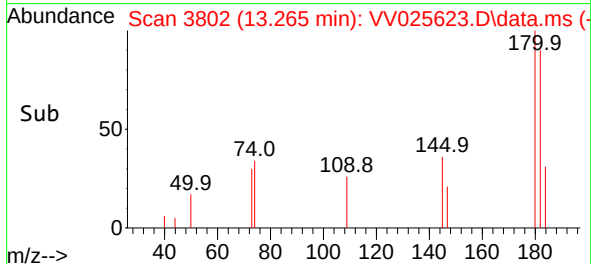
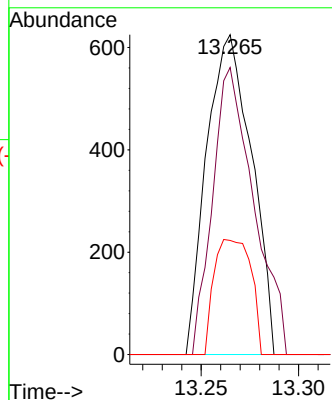
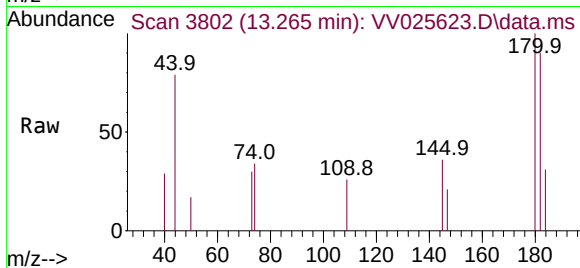




#70
1,2,4-trichlorobenzene
Concen: 0.068 ug/L
RT: 13.265 min Scan# 3802
Delta R.T. 0.006 min
Lab File: VV025623.D
Acq: 19 Apr 2022 10:08

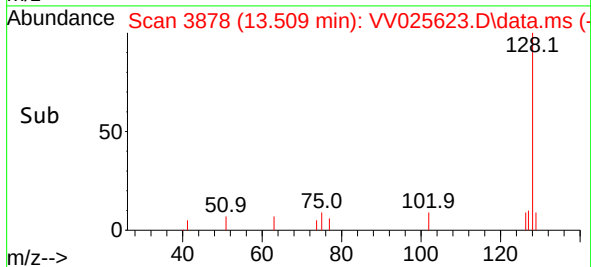
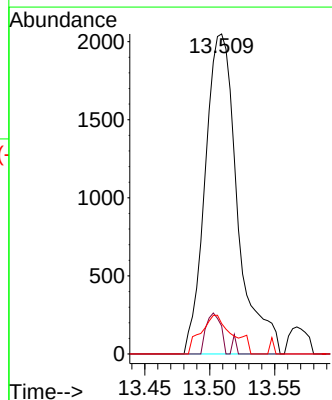
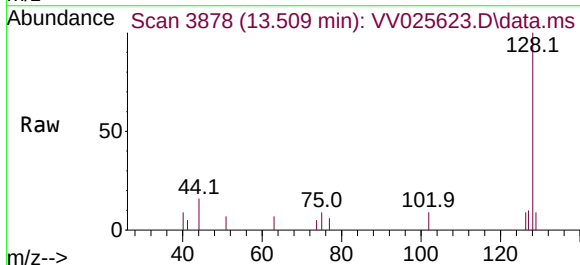
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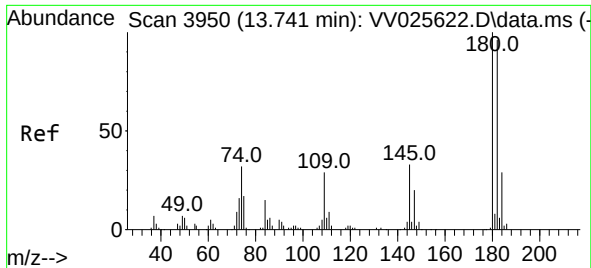
Tgt Ion:180 Resp: 1002
Ion Ratio Lower Upper
180 100
182 82.2 76.6 114.8
145 29.4 24.6 36.8



#71
Naphthalene
Concen: 0.164 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.010 min
Lab File: VV025623.D
Acq: 19 Apr 2022 10:08

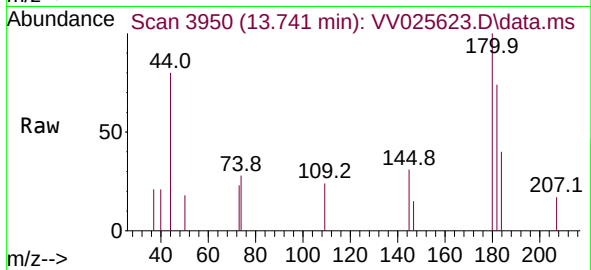
Tgt Ion:128 Resp: 3546
Ion Ratio Lower Upper
128 100
129 5.8 8.8 13.2#
127 11.8 10.4 15.6





#72
 1,2,3-Trichlorobenzene
 Concen: 0.083 ug/L
 RT: 13.741 min Scan# 3950
 Delta R.T. -0.000 min
 Lab File: VV025623.D
 Acq: 19 Apr 2022 10:08

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK347



Tgt Ion:	180	Resp:	1010
Ion	Ratio	Lower	Upper
180	100		
182	96.0	77.7	116.5
145	32.1	27.4	41.2

