

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040122\
 Data File : VV025338.D
 Acq On : 01 Apr 2022 10:11
 Operator : SY/MD
 Sample : VV0401WBL01
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK332

Quant Time: Apr 02 00:38:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 02 00:37:35 2022
 Response via : Initial Calibration

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

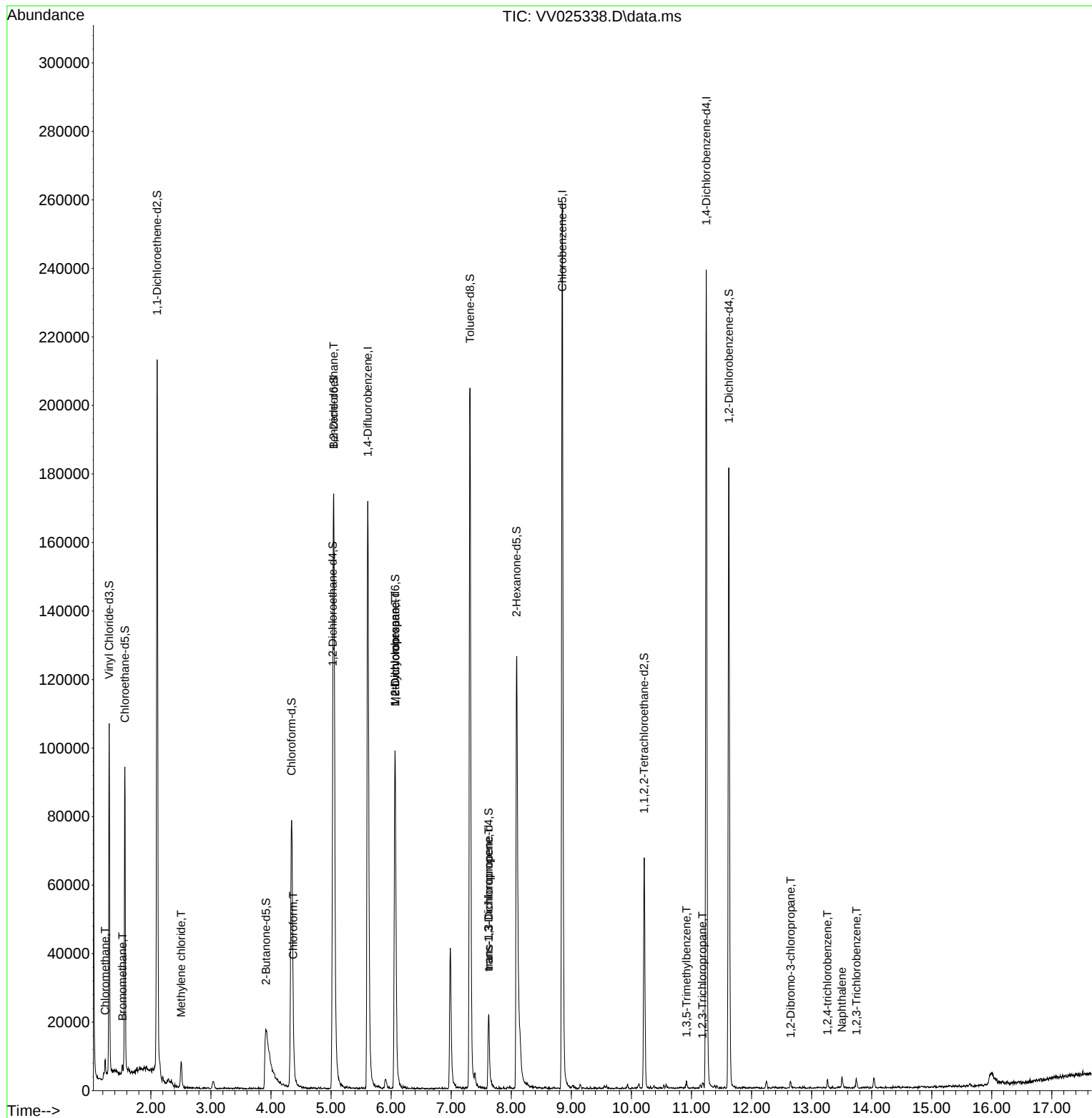
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	156325	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	146210	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	61053	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	64242	4.399	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.000%
7) Chloroethane-d5	1.568	69	55852	4.557	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.200%
11) 1,1-Dichloroethene-d2	2.105	63	112637	3.561	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.200%
20) 2-Butanone-d5	3.915	46	51396	35.335	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	70.660%
24) Chloroform-d	4.342	84	83998	4.408	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
26) 1,2-Dichloroethane-d4	5.027	65	38292	4.546	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.000%
32) Benzene-d6	5.043	84	168665	4.560	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
36) 1,2-Dichloropropane-d6	6.066	67	49390	4.764	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.200%
41) Toluene-d8	7.313	98	138340	4.077	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.600%
43) trans-1,3-Dichloroprop...	7.625	79	13126	3.881	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.600%
46) 2-Hexanone-d5	8.088	63	49817	40.787	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.580%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	30043	4.346	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	45755	4.666	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.400%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	2757	0.150	ug/L	99
6) Bromomethane	1.529	94	1276	0.104	ug/L	73
16) Methylene chloride	2.503	84	3004	0.243	ug/L	88
25) Chloroform	4.371	83	1434	0.069	ug/L	96
27) 1,2-Dichloroethane	5.043	62	877	0.081	ug/L #	73
35) Methylcyclohexane	6.066	83	12160	0.659	ug/L #	21
37) 1,2-Dichloropropane	6.066	63	5957	0.599	ug/L #	85
44) trans-1,3-Dichloropropene	7.622	75	769	0.076	ug/L #	63
61) 1,2,3-Trichloropropane	11.185	75	302	0.065	ug/L #	43
62) 1,3,5-Trimethylbenzene	10.918	105	930	0.051	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.654	75	106	0.128	ug/L #	1
70) 1,2,4-trichlorobenzene	13.265	180	870	0.084	ug/L	89
71) Naphthalene	13.506	128	2976	0.185	ug/L	97
72) 1,2,3-Trichlorobenzene	13.747	180	925	0.104	ug/L	97

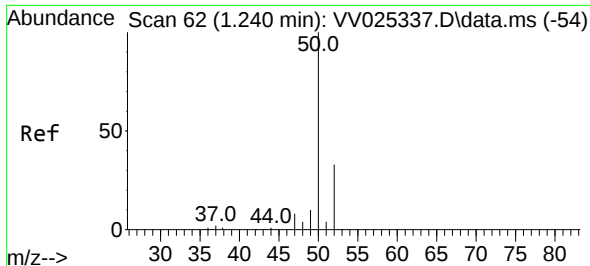
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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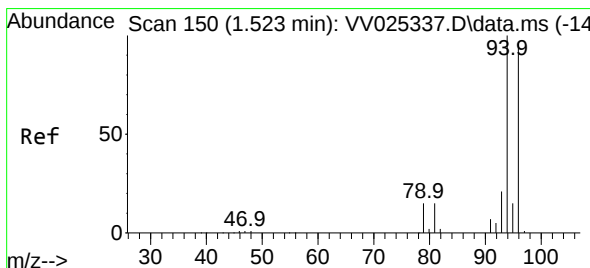
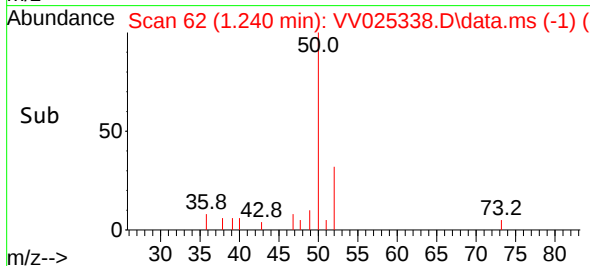
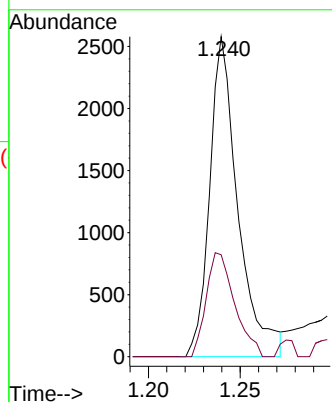
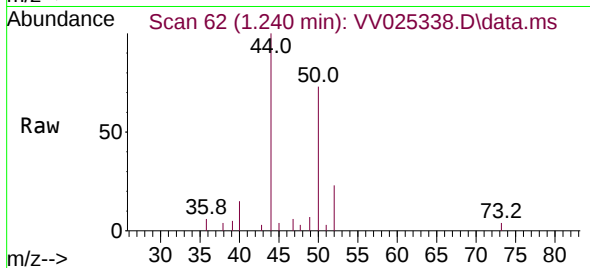




#3
Chloromethane
Concen: 0.150 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV025338.D
Acq: 01 Apr 2022 10:11

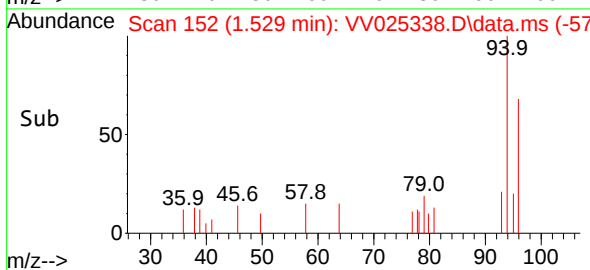
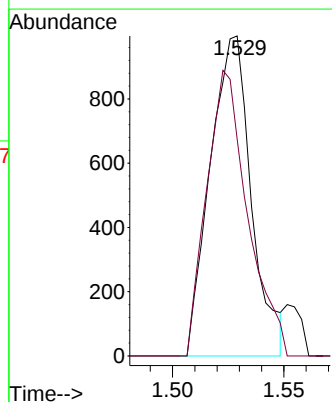
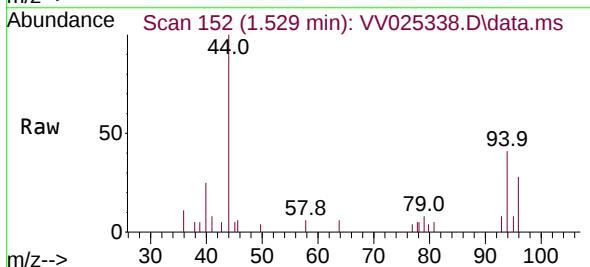
Instrument :
MSVOA_V
ClientSampleId :
VBLK332

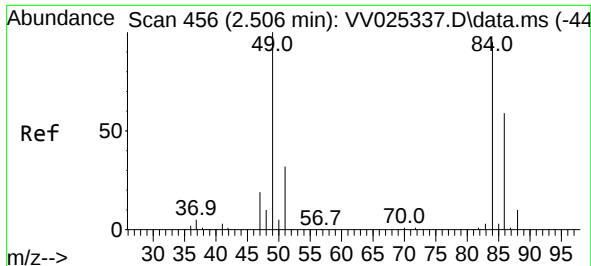
Tgt Ion: 50 Resp: 2757
Ion Ratio Lower Upper
50 100
52 31.9 22.9 42.5



#6
Bromomethane
Concen: 0.104 ug/L
RT: 1.529 min Scan# 152
Delta R.T. 0.007 min
Lab File: VV025338.D
Acq: 01 Apr 2022 10:11

Tgt Ion: 94 Resp: 1276
Ion Ratio Lower Upper
94 100
96 67.8 65.5 121.7

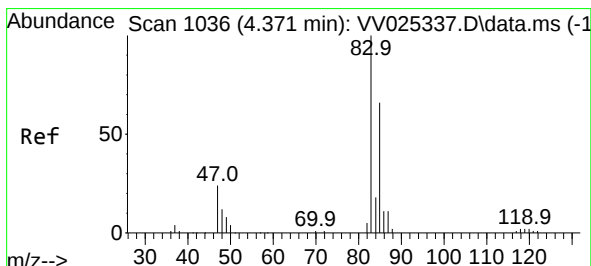
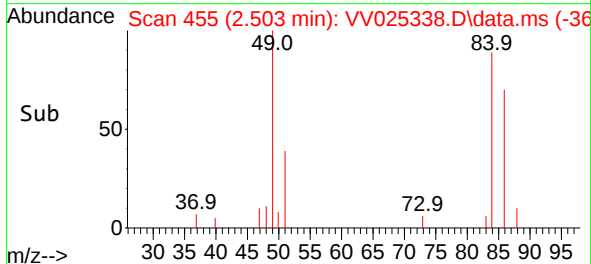
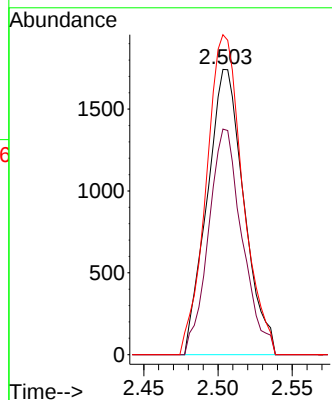
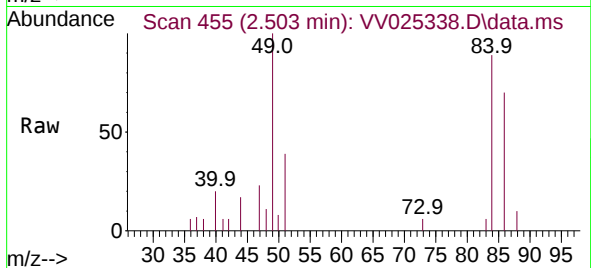




#16
Methylene chloride
Concen: 0.243 ug/L
RT: 2.503 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV025338.D
Acq: 01 Apr 2022 10:11

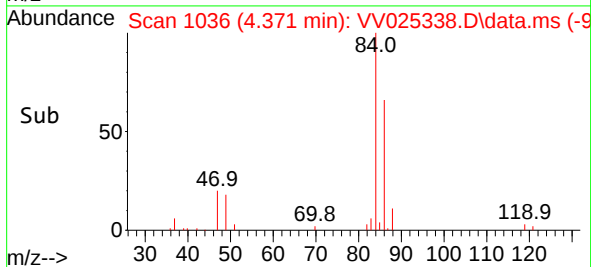
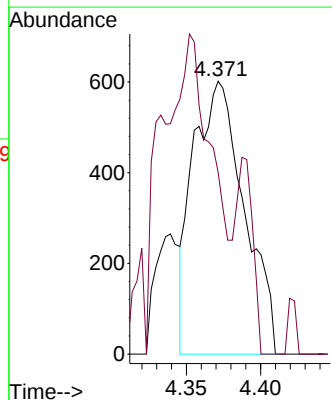
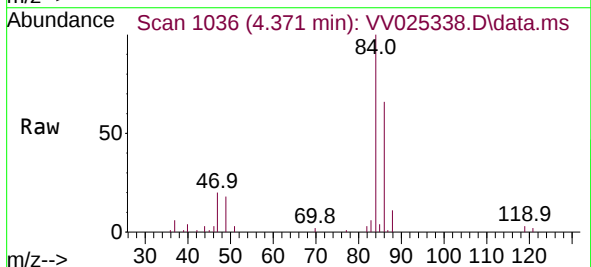
Instrument :
MSVOA_V
ClientSampleId :
VBLK332

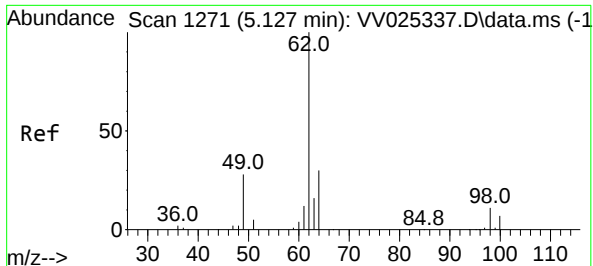
Tgt Ion: 84 Resp: 3004
Ion Ratio Lower Upper
84 100
86 79.1 43.5 80.7
49 112.2 74.5 138.3



#25
Chloroform
Concen: 0.069 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VV025338.D
Acq: 01 Apr 2022 10:11

Tgt Ion: 83 Resp: 1434
Ion Ratio Lower Upper
83 100
85 66.6 44.7 82.9





#27

1,2-Dichloroethane

Concen: 0.081 ug/L

RT: 5.043 min Scan# 11

Delta R.T. -0.084 min

Lab File: VV025338.D

Acq: 01 Apr 2022 10:11

Instrument :

MSVOA_V

ClientSampleId :

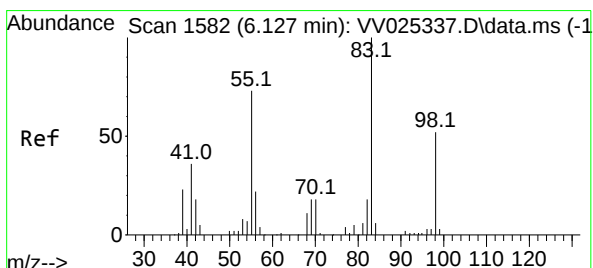
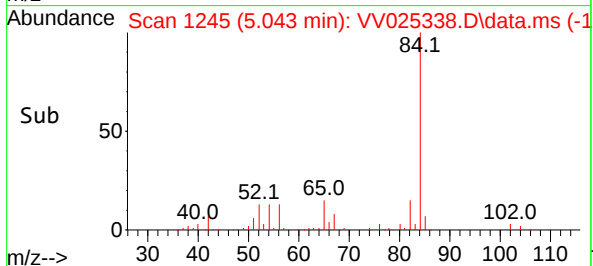
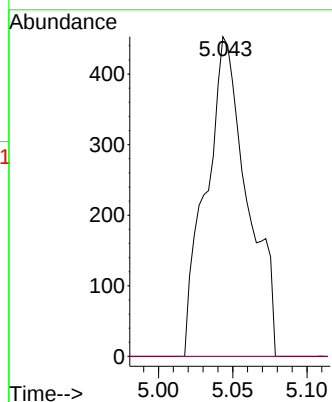
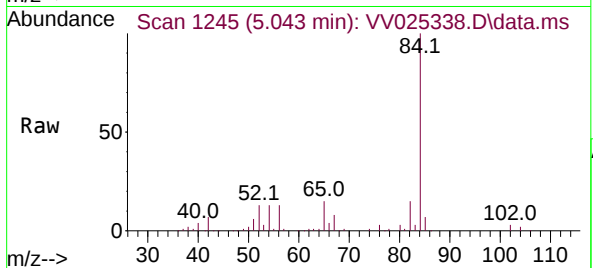
VBLK332

Tgt Ion: 62 Resp: 877

Ion Ratio Lower Upper

62 100

98 0.0 7.9 11.9#



#35

Methylcyclohexane

Concen: 0.659 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.061 min

Lab File: VV025338.D

Acq: 01 Apr 2022 10:11

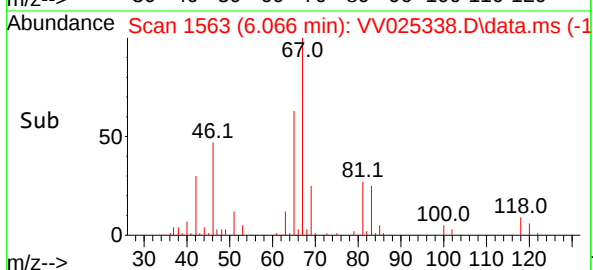
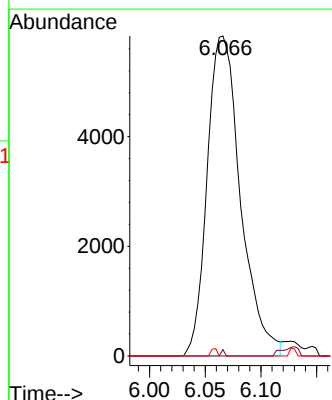
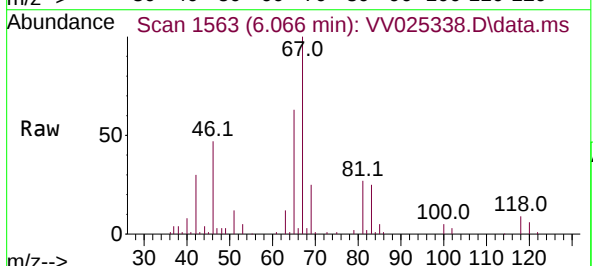
Tgt Ion: 83 Resp: 12160

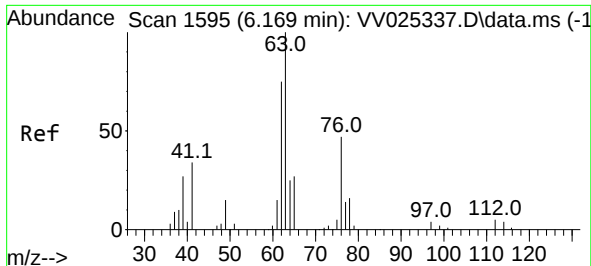
Ion Ratio Lower Upper

83 100

55 0.2 54.6 81.8#

98 0.4 39.8 59.6#





#37

1,2-Dichloropropane

Concen: 0.599 ug/L

RT: 6.066 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV025338.D

Acq: 01 Apr 2022 10:11

Instrument :

MSVOA_V

ClientSampleId :

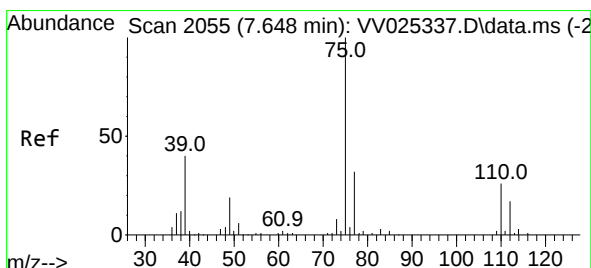
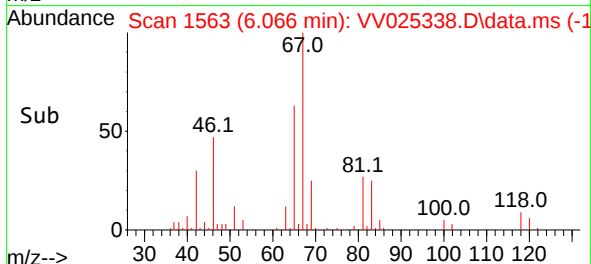
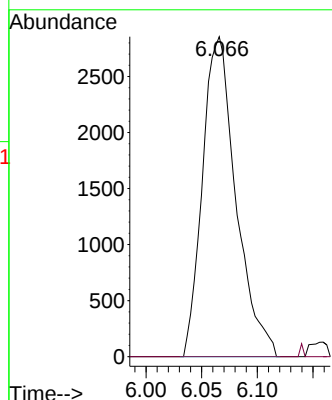
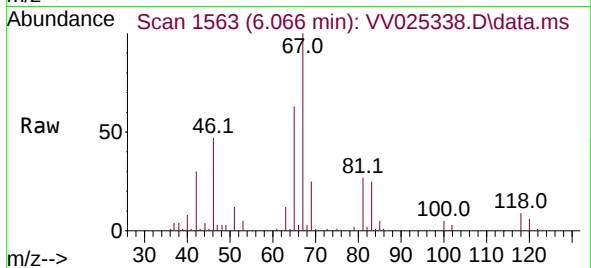
VBLK332

Tgt Ion: 63 Resp: 5957

Ion Ratio Lower Upper

63 100

112 0.4 4.2 6.2#



#44

trans-1,3-Dichloropropene

Concen: 0.076 ug/L

RT: 7.622 min Scan# 2047

Delta R.T. -0.026 min

Lab File: VV025338.D

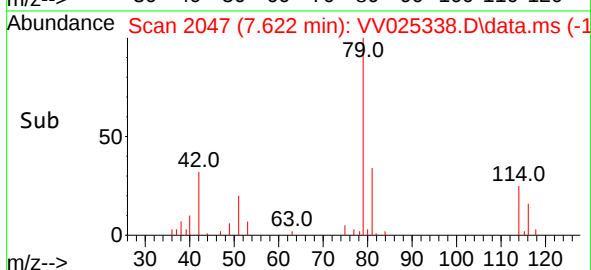
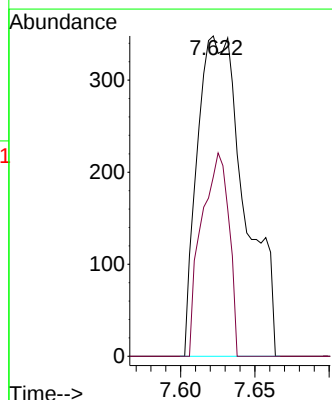
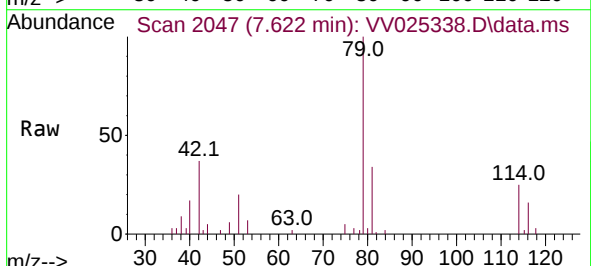
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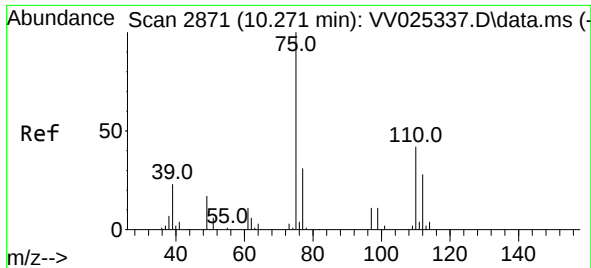
Tgt Ion: 75 Resp: 769

Ion Ratio Lower Upper

75 100

77 56.0 24.2 45.0#

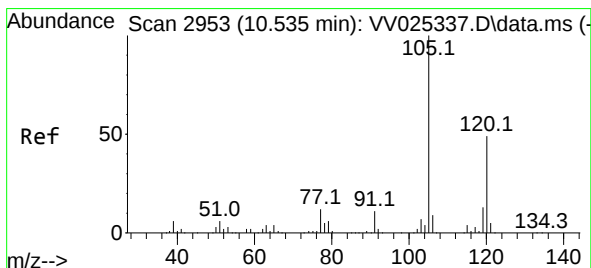
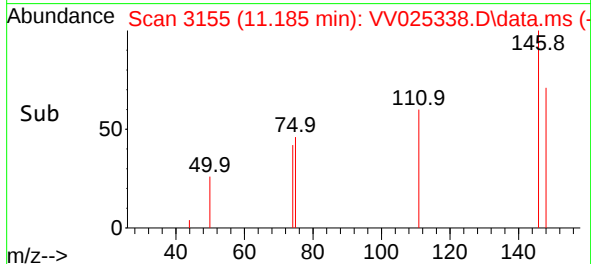
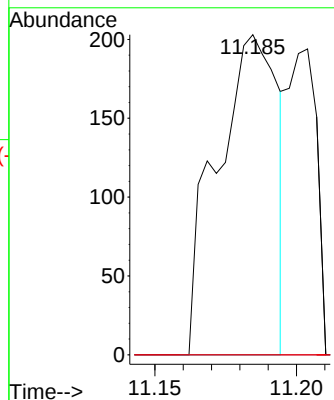
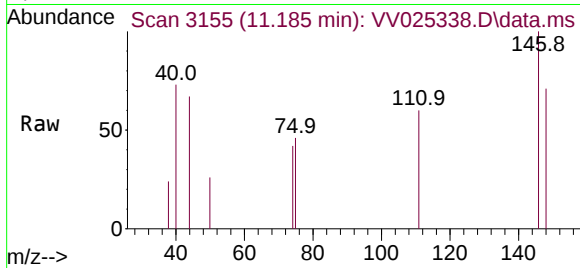




#61
 1,2,3-Trichloropropane
 Concen: 0.065 ug/L
 RT: 11.185 min Scan# 3155
 Delta R.T. 0.913 min
 Lab File: VV025338.D
 Acq: 01 Apr 2022 10:11

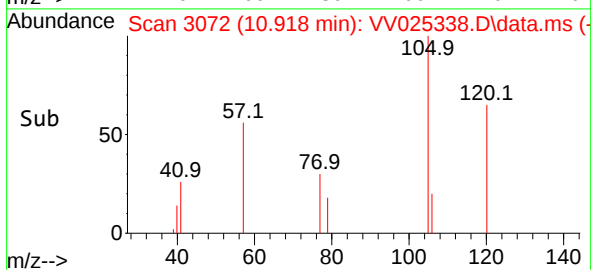
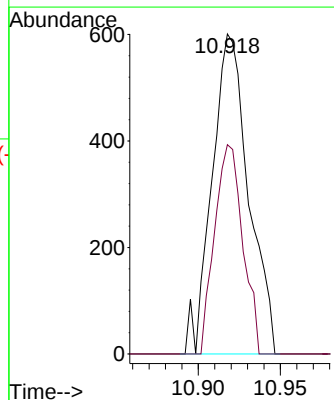
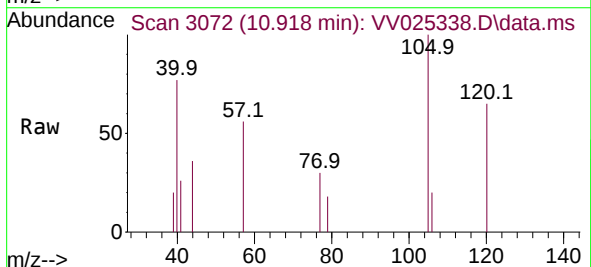
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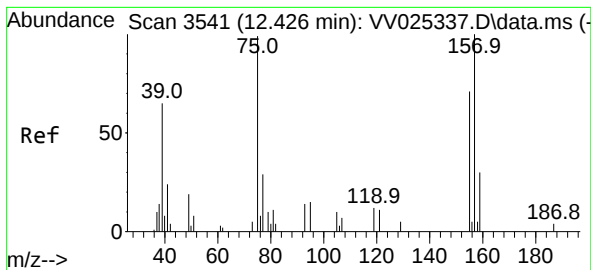
Tgt Ion: 75 Resp: 302
 Ion Ratio Lower Upper
 75 100
 77 58.9 25.8 38.6#
 110 0.0 31.6 47.4#



#62
 1,3,5-Trimethylbenzene
 Concen: 0.051 ug/L
 RT: 10.918 min Scan# 3072
 Delta R.T. 0.383 min
 Lab File: VV025338.D
 Acq: 01 Apr 2022 10:11

Tgt Ion: 105 Resp: 930
 Ion Ratio Lower Upper
 105 100
 120 50.3 39.7 59.5

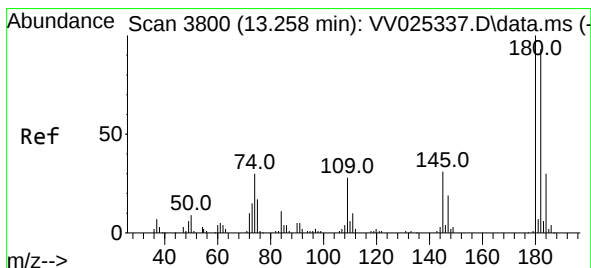
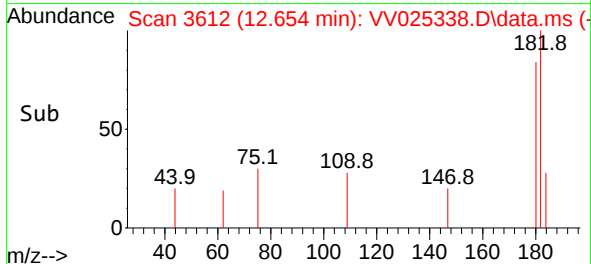
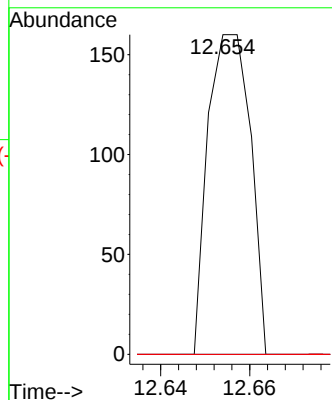
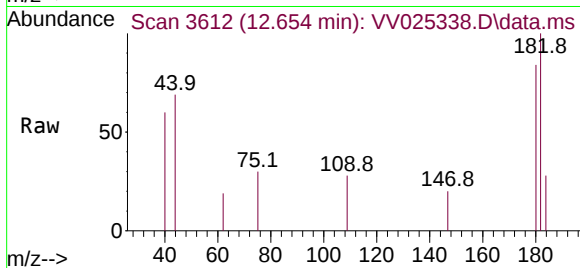




#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.128 ug/L
 RT: 12.654 min Scan# 30
 Delta R.T. 0.228 min
 Lab File: VV025338.D
 Acq: 01 Apr 2022 10:11

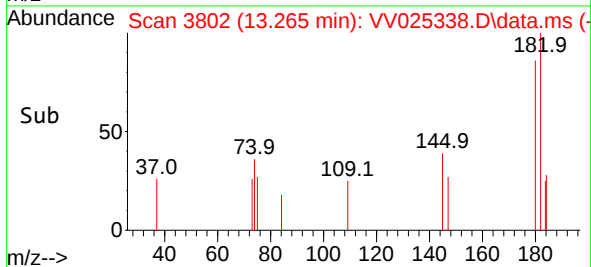
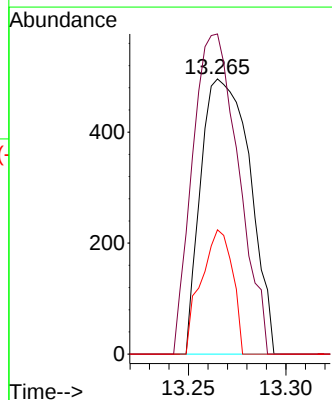
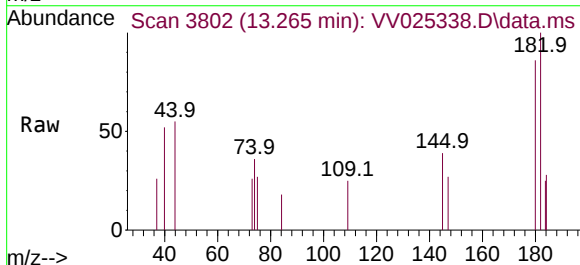
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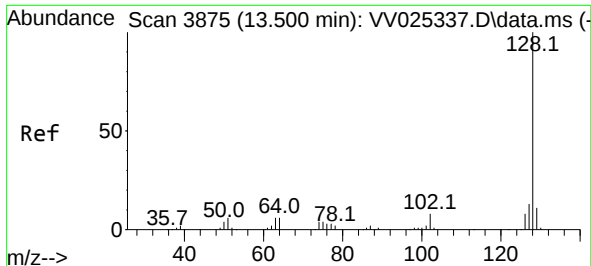
Tgt Ion: 75 Resp: 106
 Ion Ratio Lower Upper
 75 100
 155 0.0 80.0 120.0#
 157 0.0 94.5 141.7#



#70
 1,2,4-trichlorobenzene
 Concen: 0.084 ug/L
 RT: 13.265 min Scan# 3802
 Delta R.T. 0.006 min
 Lab File: VV025338.D
 Acq: 01 Apr 2022 10:11

Tgt Ion: 180 Resp: 870
 Ion Ratio Lower Upper
 180 100
 182 108.7 77.5 116.3
 145 28.7 26.2 39.4

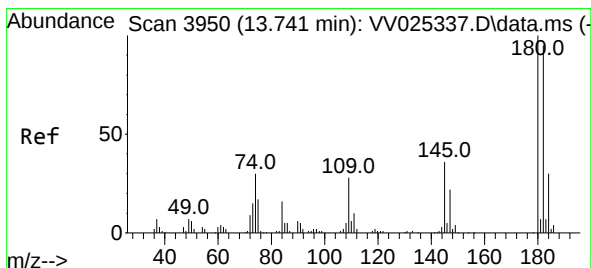
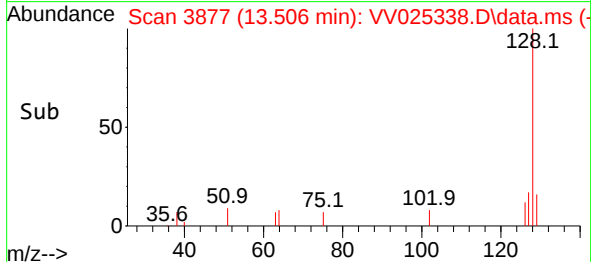
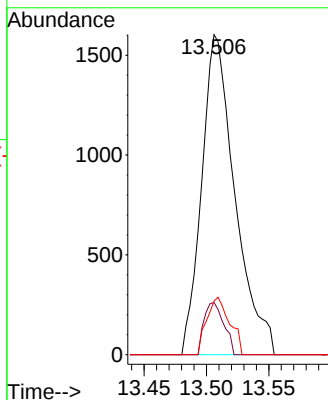
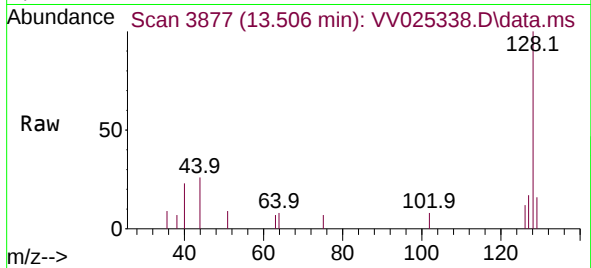




#71
Naphthalene
Concen: 0.185 ug/L
RT: 13.506 min Scan# 3875
Delta R.T. 0.007 min
Lab File: VV025338.D
Acq: 01 Apr 2022 10:11

Instrument :
MSVOA_V
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VBLK332

Tgt Ion:128 Resp: 2976
Ion Ratio Lower Upper
128 100
129 9.7 8.8 13.2
127 12.4 10.6 16.0



#72
1,2,3-Trichlorobenzene
Concen: 0.104 ug/L
RT: 13.747 min Scan# 3952
Delta R.T. 0.007 min
Lab File: VV025338.D
Acq: 01 Apr 2022 10:11

Tgt Ion:180 Resp: 925
Ion Ratio Lower Upper
180 100
182 97.2 75.8 113.6
145 33.2 28.6 42.8

