

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111922\
 Data File : VV029161.D
 Acq On : 19 Nov 2022 11:20
 Operator : SY/MD
 Sample : VV1119WBL01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK270

Quant Time: Nov 20 00:56:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sun Nov 20 00:53:03 2022
 Response via : Initial Calibration

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

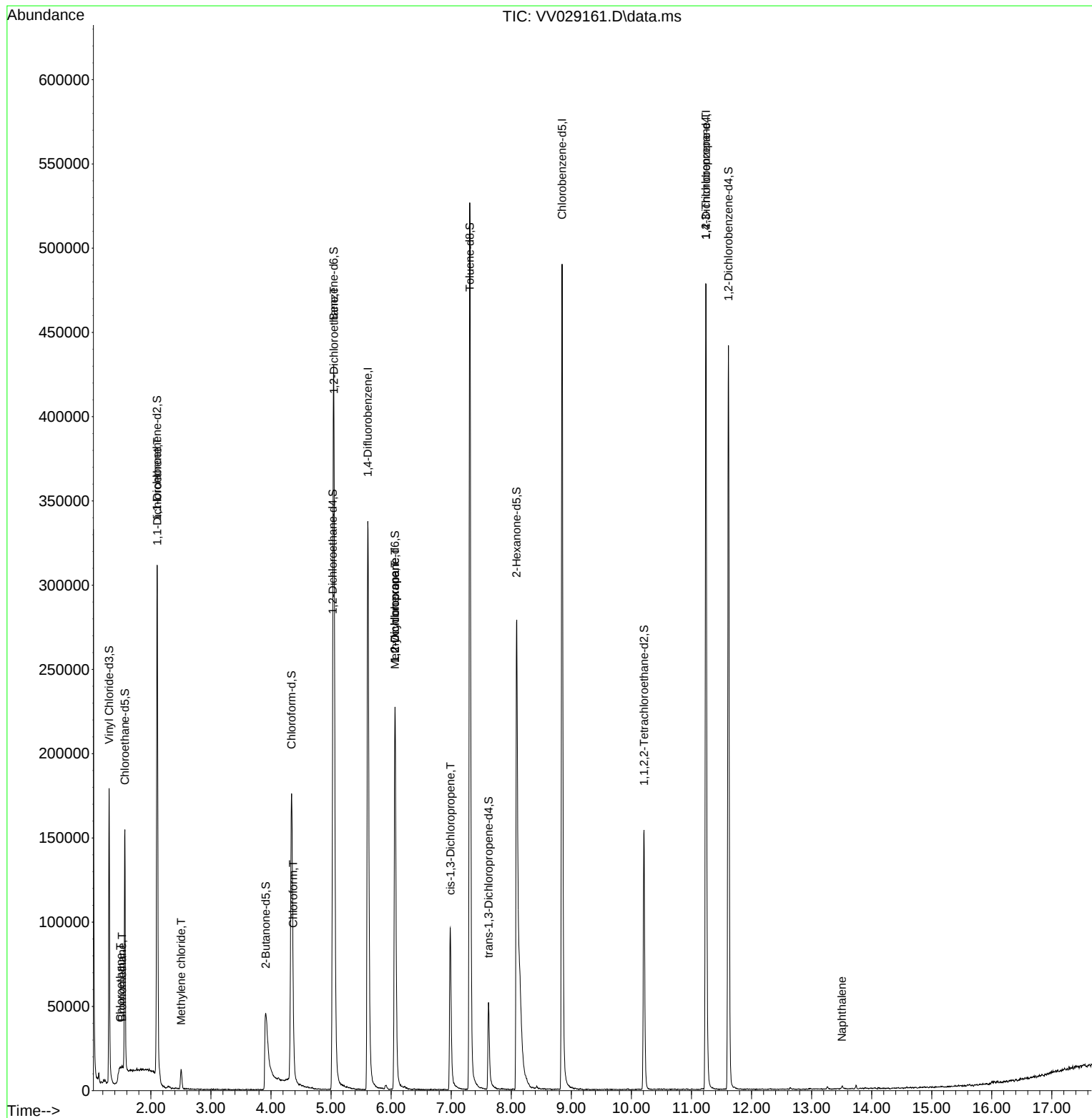
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	320872	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	293321	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	134683	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	121423	6.207	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	124.200%
7) Chloroethane-d5	1.568	69	92230	5.363	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.200%
11) 1,1-Dichloroethene-d2	2.105	63	151797	4.258	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.200%
20) 2-Butanone-d5	3.912	46	111511	34.053	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	68.100%
24) Chloroform-d	4.342	84	188421	4.691	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
26) 1,2-Dichloroethane-d4	5.027	65	87322	4.832	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
32) Benzene-d6	5.043	84	419251	4.789	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
36) 1,2-Dichloropropane-d6	6.066	67	121527	4.971	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.400%
41) Toluene-d8	7.310	98	371529	4.714	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
43) trans-1,3-Dichloroprop...	7.622	79	34284	4.300	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.000%
46) 2-Hexanone-d5	8.088	63	144418	42.432	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.860%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	80274	4.736	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.800%
66) 1,2-Dichlorobenzene-d4	11.615	152	125696	5.216	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.400%
Target Compounds						
6) Bromomethane	1.519	94	728	0.048	ug/L	84
8) Chloroethane	1.490	64	18621	1.251	ug/L #	52
12) 1,1-Dichloroethene	2.108	96	1555	0.080	ug/L #	1
16) Methylene chloride	2.503	84	5168	0.206	ug/L	97
25) Chloroform	4.368	83	5387	0.140	ug/L	77
27) 1,2-Dichloroethane	5.050	62	2217	0.111	ug/L #	70
35) Methylcyclohexane	6.063	83	29483	0.731	ug/L #	21
37) 1,2-Dichloropropane	6.066	63	12995	0.629	ug/L #	85
39) cis-1,3-Dichloropropene	6.989	75	2376	0.082	ug/L #	39
61) 1,2,3-Trichloropropane	11.239	75	15079	1.638	ug/L #	65
71) Naphthalene	13.506	128	2298	0.074	ug/L #	82

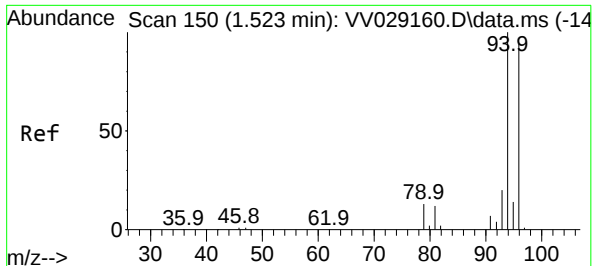
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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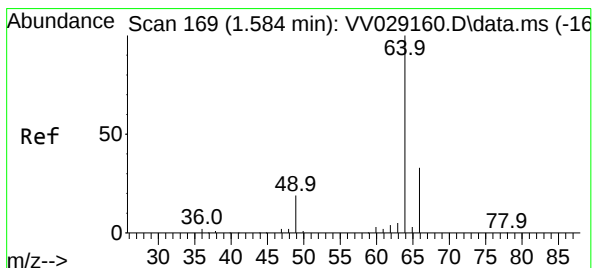
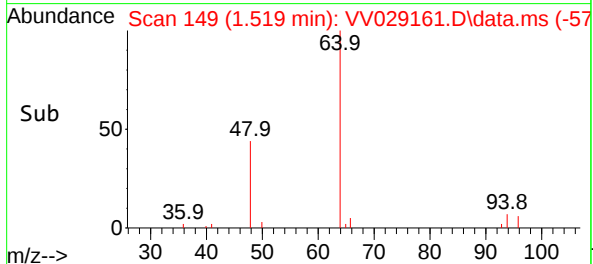
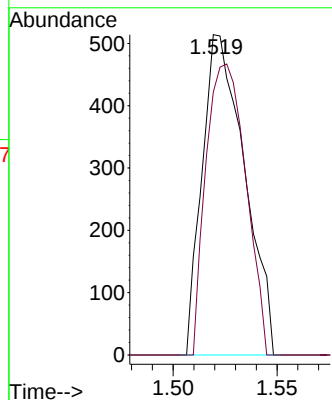
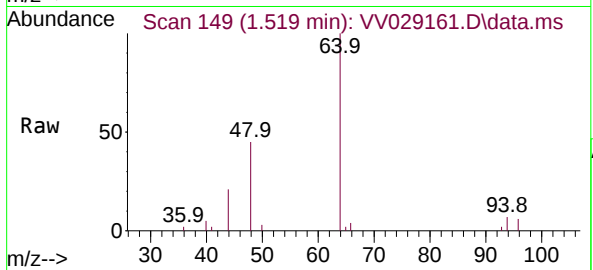




#6
Bromomethane
Concen: 0.048 ug/L
RT: 1.519 min Scan# 14
Delta R.T. -0.003 min
Lab File: VV029161.D
Acq: 19 Nov 2022 11:20

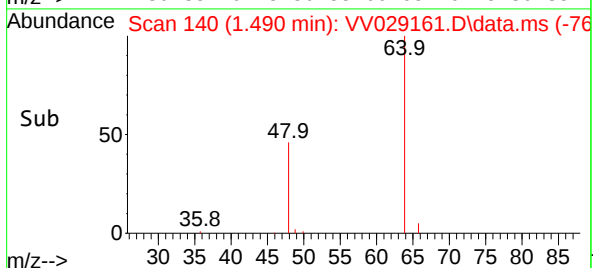
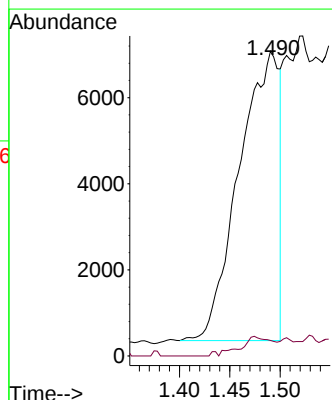
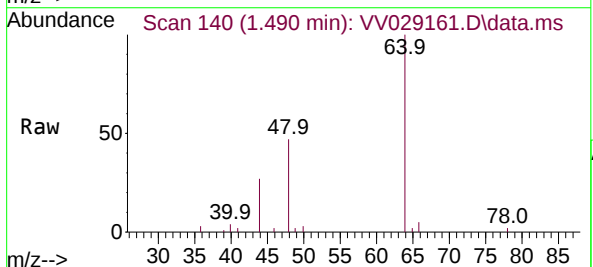
Instrument :
MSVOA_V
ClientSampleId :
VBLK270

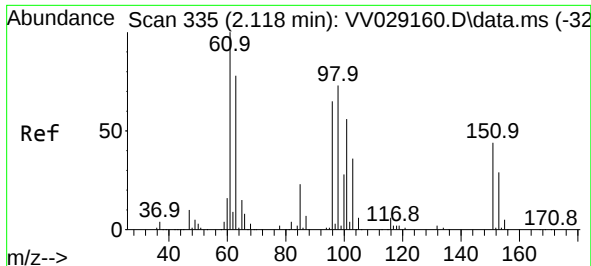
Tgt Ion: 94 Resp: 728
Ion Ratio Lower Upper
94 100
96 82.1 68.5 127.3



#8
Chloroethane
Concen: 1.251 ug/L
RT: 1.490 min Scan# 140
Delta R.T. -0.093 min
Lab File: VV029161.D
Acq: 19 Nov 2022 11:20

Tgt Ion: 64 Resp: 18621
Ion Ratio Lower Upper
64 100
66 5.1 22.0 40.8#





#12

1,1-Dichloroethene

Concen: 0.080 ug/L

RT: 2.108 min Scan# 31

Delta R.T. -0.010 min

Lab File: VV029161.D

Acq: 19 Nov 2022 11:20

Instrument :

MSVOA_V

ClientSampleId :

VBLK270

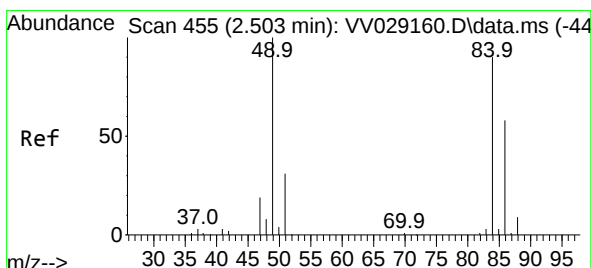
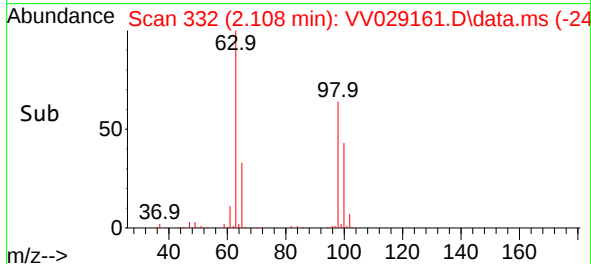
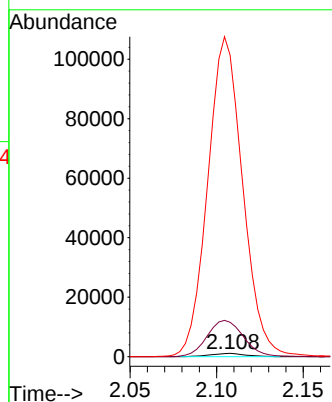
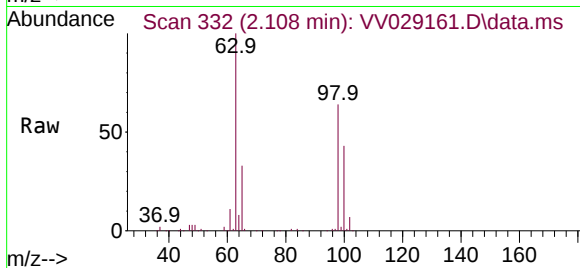
Tgt Ion: 96 Resp: 1555

Ion Ratio Lower Upper

96 100

61 1023.5 104.2 193.4#

63 8960.6 75.9 140.9#



#16

Methylene chloride

Concen: 0.206 ug/L

RT: 2.503 min Scan# 455

Delta R.T. -0.000 min

Lab File: VV029161.D

Acq: 19 Nov 2022 11:20

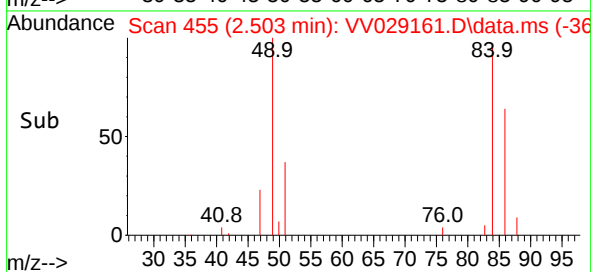
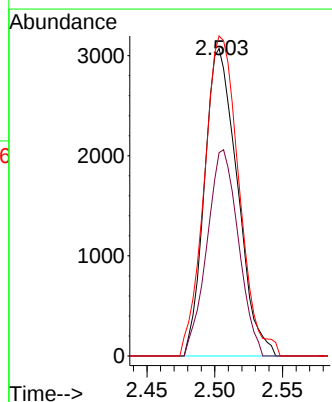
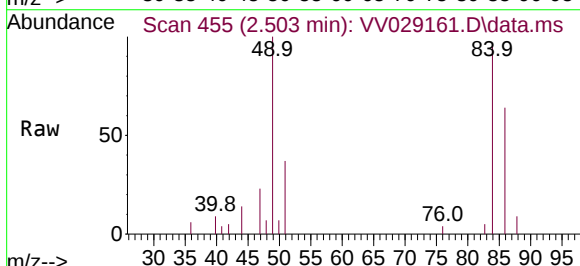
Tgt Ion: 84 Resp: 5168

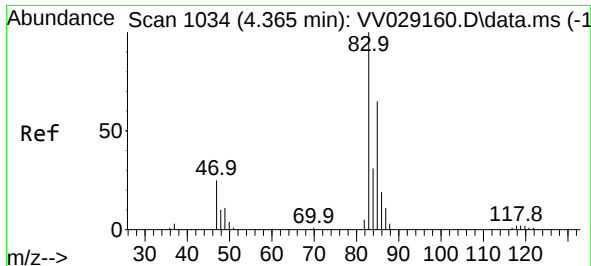
Ion Ratio Lower Upper

84 100

86 66.1 45.8 85.0

49 104.1 75.5 140.1





#25

Chloroform

Concen: 0.140 ug/L

RT: 4.368 min Scan# 1034

Delta R.T. 0.003 min

Lab File: VV029161.D

Acq: 19 Nov 2022 11:20

Instrument :

MSVOA_V

ClientSampleId :

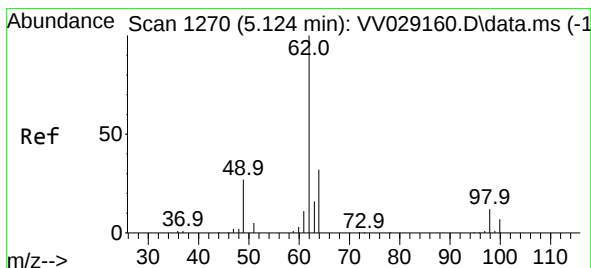
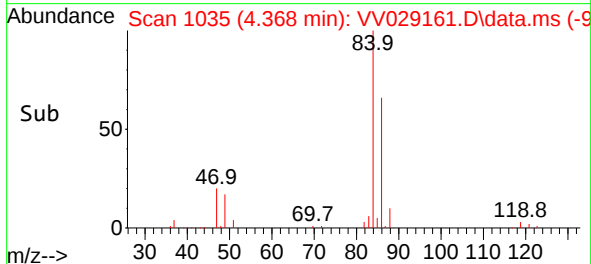
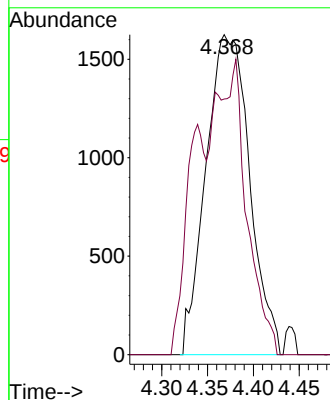
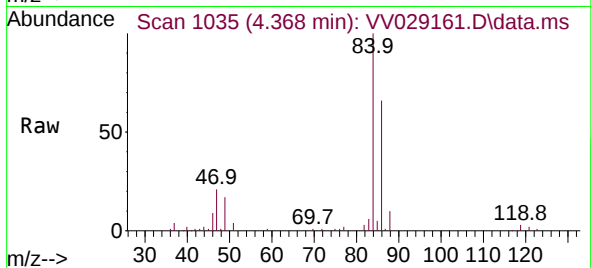
VBLK270

Tgt Ion: 83 Resp: 5387

Ion Ratio Lower Upper

83 100

85 79.9 43.7 81.1



#27

1,2-Dichloroethane

Concen: 0.111 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. -0.074 min

Lab File: VV029161.D

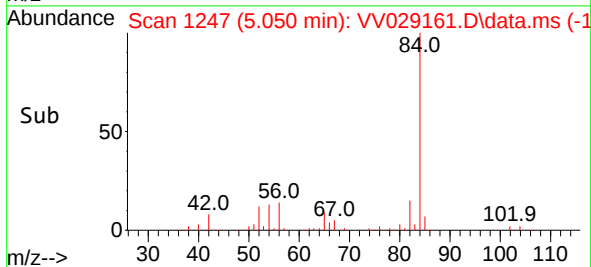
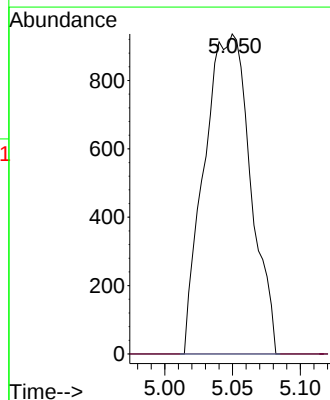
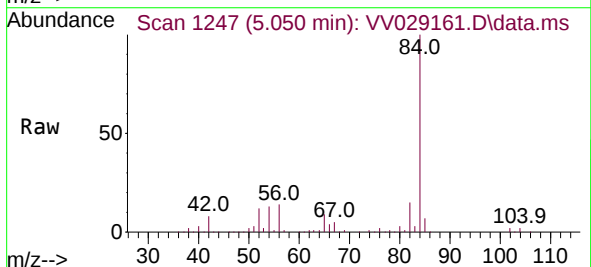
Acq: 19 Nov 2022 11:20

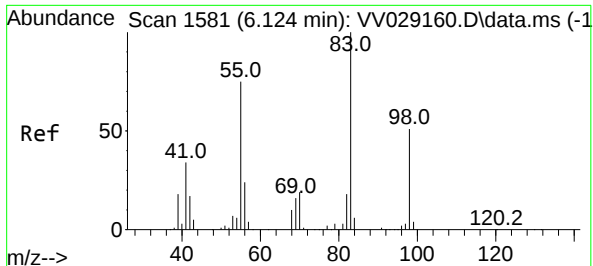
Tgt Ion: 62 Resp: 2217

Ion Ratio Lower Upper

62 100

98 0.0 9.0 13.6#





#35

Methylcyclohexane

Concen: 0.731 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.061 min

Lab File: VV029161.D

Acq: 19 Nov 2022 11:20

Instrument :

MSVOA_V

ClientSampleId :

VBLK270

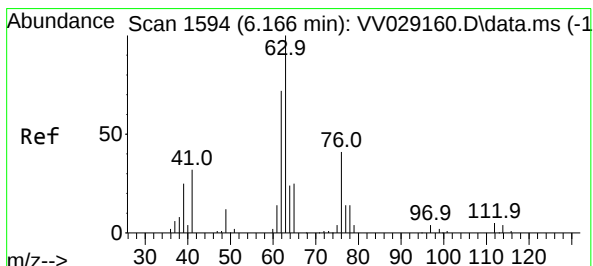
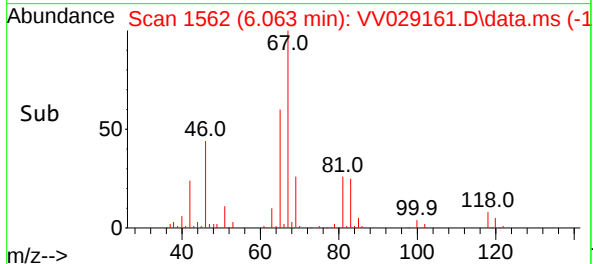
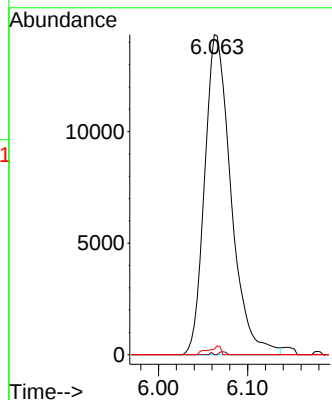
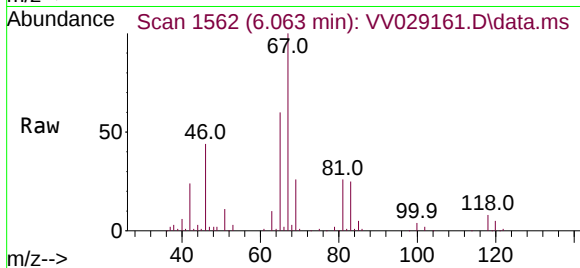
Tgt Ion: 83 Resp: 29483

Ion Ratio Lower Upper

83 100

55 0.1 55.8 83.6#

98 1.3 38.2 57.2#



#37

1,2-Dichloropropane

Concen: 0.629 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.100 min

Lab File: VV029161.D

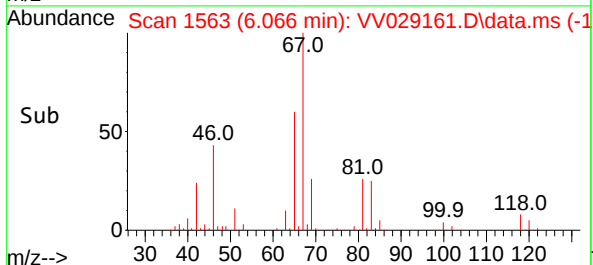
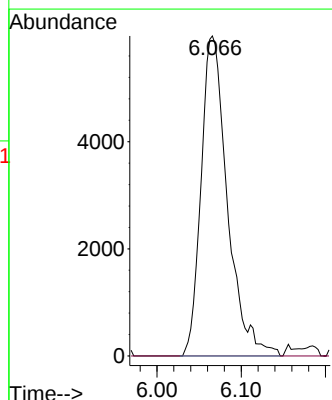
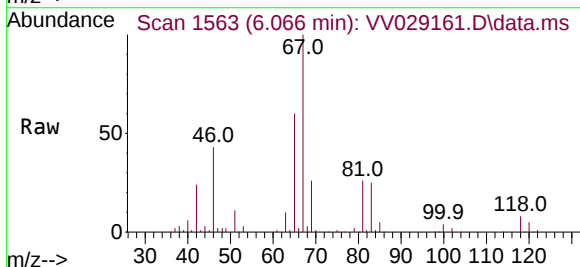
Acq: 19 Nov 2022 11:20

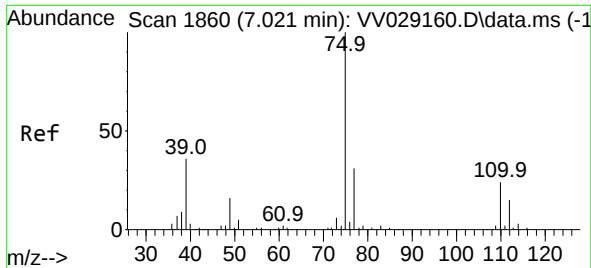
Tgt Ion: 63 Resp: 12995

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#





#39

cis-1,3-Dichloropropene

Concen: 0.082 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.032 min

Lab File: VV029161.D

Acq: 19 Nov 2022 11:20

Instrument :

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ClientSampleId :

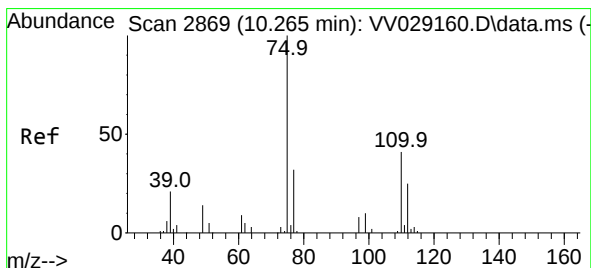
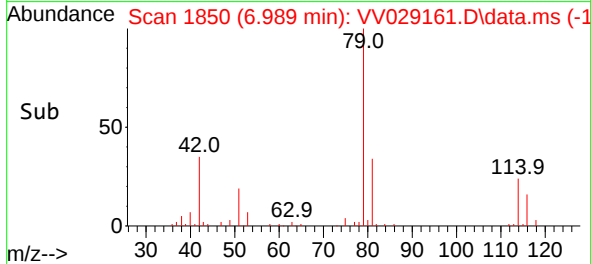
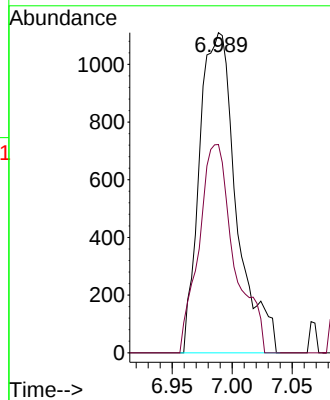
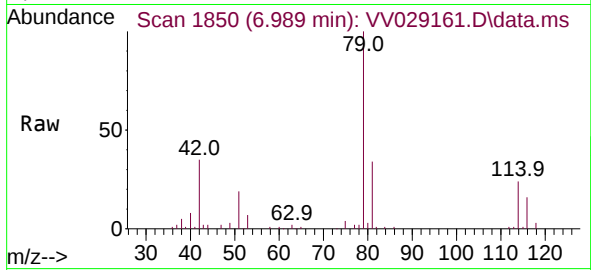
VBLK270

Tgt Ion: 75 Resp: 2376

Ion Ratio Lower Upper

75 100

77 65.0 21.8 40.6#



#61

1,2,3-Trichloropropane

Concen: 1.638 ug/L

RT: 11.239 min Scan# 3172

Delta R.T. 0.974 min

Lab File: VV029161.D

Acq: 19 Nov 2022 11:20

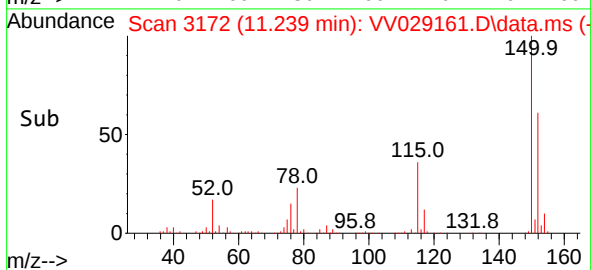
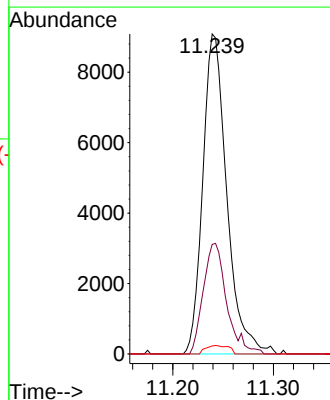
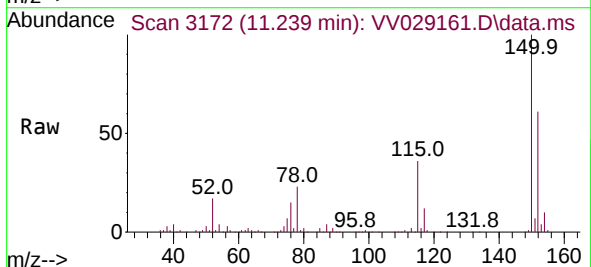
Tgt Ion: 75 Resp: 15079

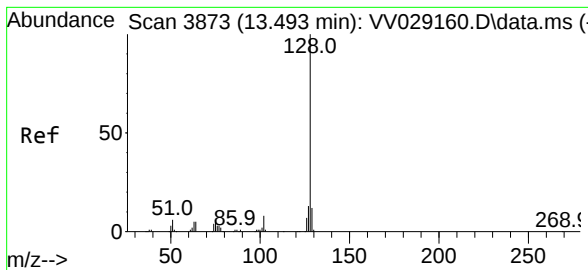
Ion Ratio Lower Upper

75 100

77 33.6 26.2 39.2

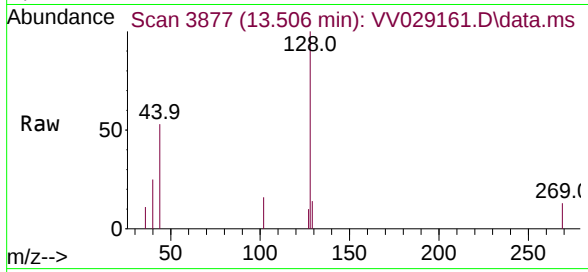
110 2.5 32.6 48.8#





#71
Naphthalene
Concen: 0.074 ug/L
RT: 13.506 min Scan# 3877
Delta R.T. 0.013 min
Lab File: VV029161.D
Acq: 19 Nov 2022 11:20

Instrument :
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VBLK270



Tgt Ion:	128	Resp:	2298
Ion	Ratio	Lower	Upper
128	100		
129	7.2	8.8	13.2#
127	2.7	9.8	14.8#

