

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031822\
 Data File : VV025089.D
 Acq On : 18 Mar 2022 10:52
 Operator : SY/MD
 Sample : VV0318WBL01
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK319

Quant Time: Mar 19 00:54:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Mar 19 00:53:30 2022
 Response via : Initial Calibration

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

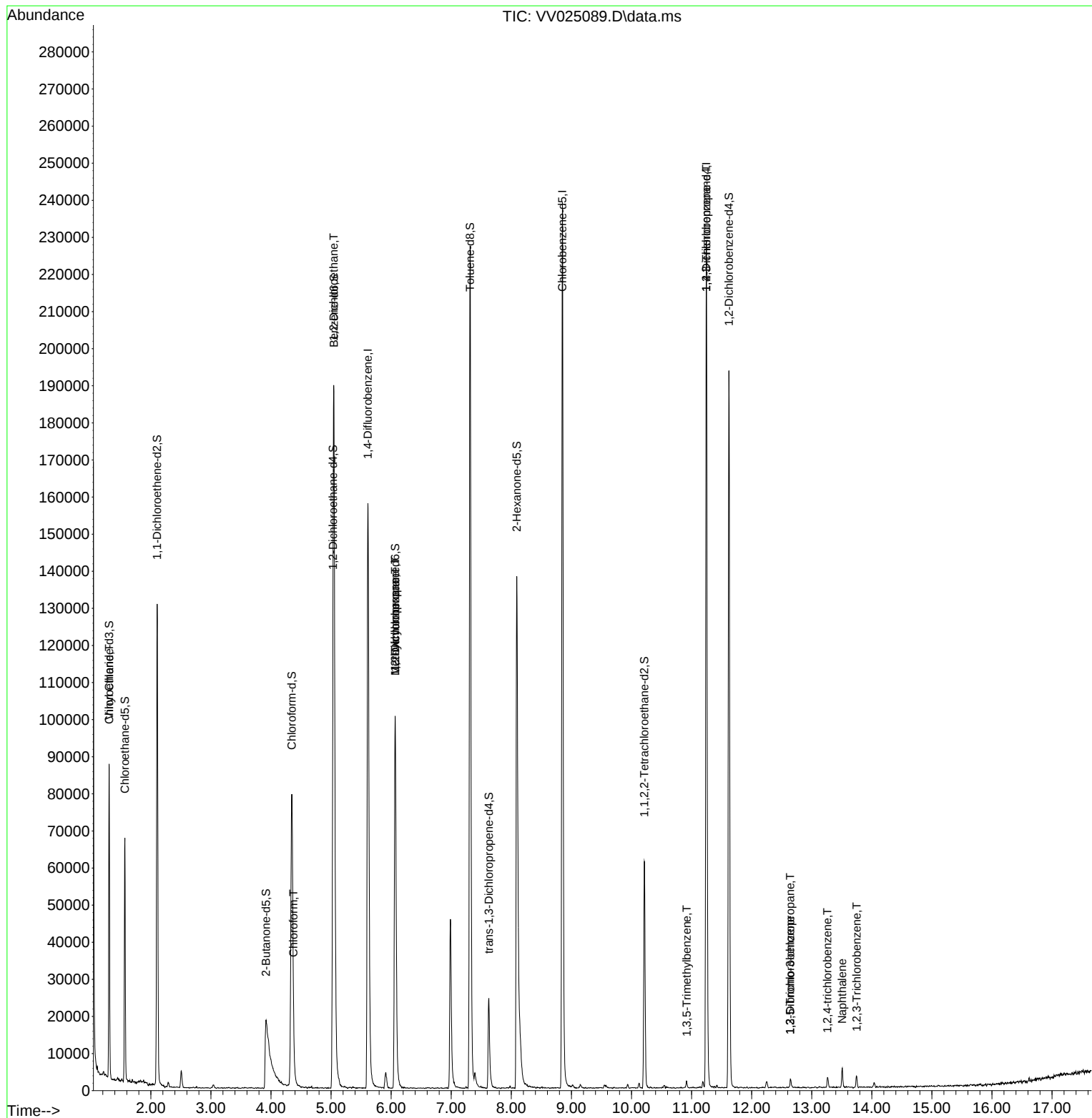
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	145005	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	137352	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	59023	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	53284	4.654	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.000%
7) Chloroethane-d5	1.568	69	41187	4.913	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.200%
11) 1,1-Dichloroethene-d2	2.105	63	67235	3.634	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.600%
20) 2-Butanone-d5	3.915	46	66559	48.108	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.220%
24) Chloroform-d	4.346	84	87933	4.631	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
26) 1,2-Dichloroethane-d4	5.031	65	38621	4.865	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
32) Benzene-d6	5.047	84	184420	4.629	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
36) 1,2-Dichloropropane-d6	6.069	67	53618	4.680	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.600%
41) Toluene-d8	7.313	98	157344	4.333	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.600%
43) trans-1,3-Dichloroprop...	7.625	79	16526	4.138	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.800%
46) 2-Hexanone-d5	8.092	63	60020	44.055	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.100%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	31021	4.602	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	48501	4.854	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.000%
Target Compounds						
8) Chloroethane	1.307	64	701	0.091	ug/L #	1
25) Chloroform	4.375	83	2689	0.137	ug/L	91
27) 1,2-Dichloroethane	5.043	62	911	0.093	ug/L #	71
35) Methylcyclohexane	6.069	83	13009	0.691	ug/L #	22
37) 1,2-Dichloropropane	6.066	63	5435	0.529	ug/L #	86
61) 1,2,3-Trichloropropane	11.246	75	7563	1.524	ug/L #	65
62) 1,3,5-Trimethylbenzene	10.918	105	1069	0.053	ug/L	90
68) 1,2-Dibromo-3-chloropr...	12.644	75	136	0.160	ug/L #	1
69) 1,3,5-Trichlorobenzene	12.644	180	1096	0.080	ug/L #	86
70) 1,2,4-trichlorobenzene	13.262	180	1055	0.099	ug/L	86
71) Naphthalene	13.506	128	4818	0.273	ug/L #	94
72) 1,2,3-Trichlorobenzene	13.747	180	1064	0.118	ug/L	88

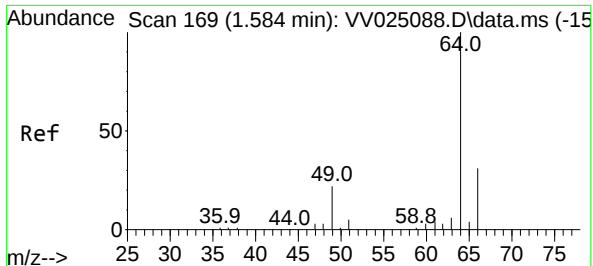
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Mar 19 00:53:30 2022
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.091 ug/L

RT: 1.307 min Scan# 81

Delta R.T. -0.277 min

Lab File: VV025089.D

Acq: 18 Mar 2022 10:52

Instrument :

MSVOA_V

ClientSampleId :

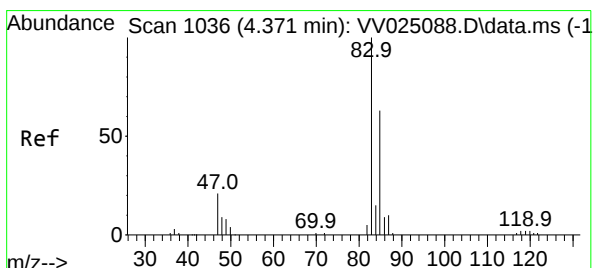
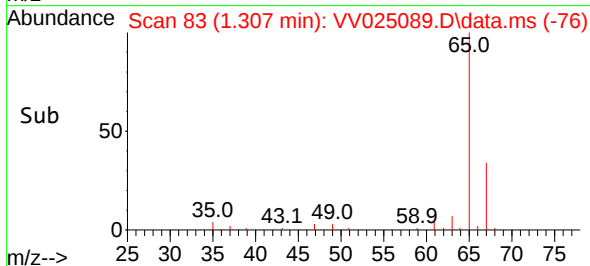
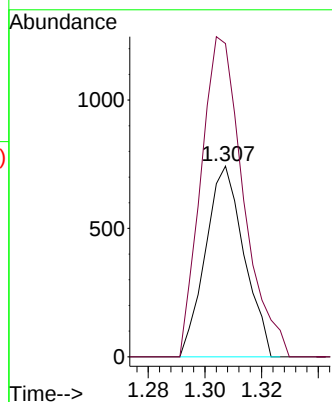
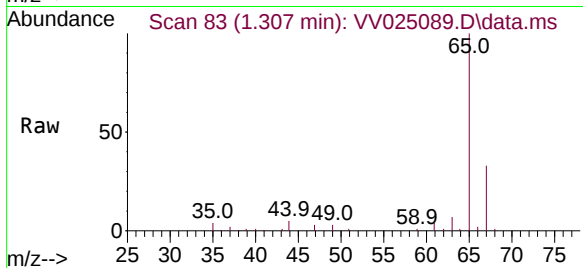
VBLK319

Tgt Ion: 64 Resp: 701

Ion Ratio Lower Upper

64 100

66 164.2 22.5 41.7#



#25

Chloroform

Concen: 0.137 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. 0.003 min

Lab File: VV025089.D

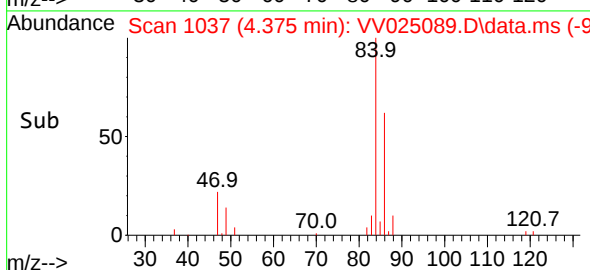
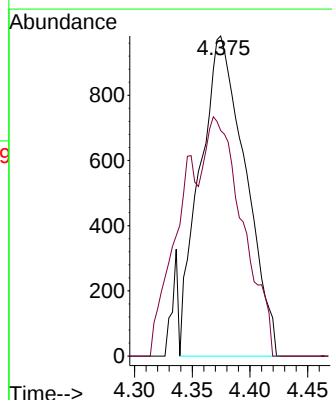
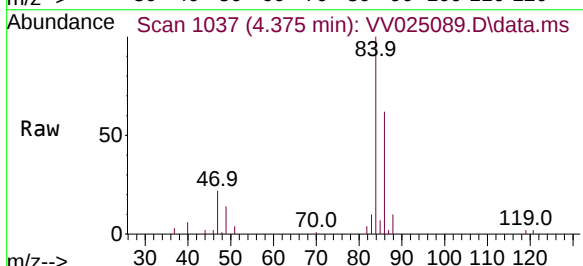
Acq: 18 Mar 2022 10:52

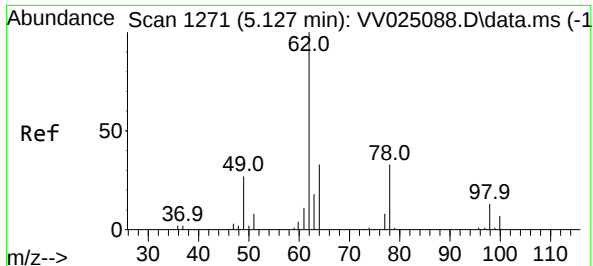
Tgt Ion: 83 Resp: 2689

Ion Ratio Lower Upper

83 100

85 70.5 44.5 82.7





#27

1,2-Dichloroethane

Concen: 0.093 ug/L

RT: 5.043 min Scan# 1

Delta R.T. -0.084 min

Lab File: VV025089.D

Acq: 18 Mar 2022 10:52

Instrument :

MSVOA_V

ClientSampleId :

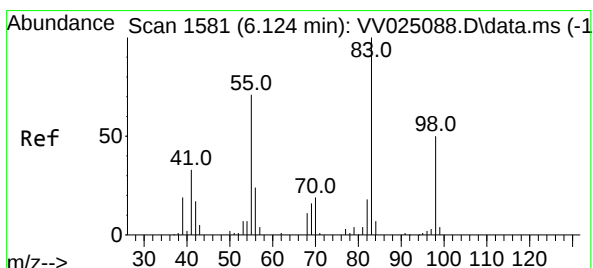
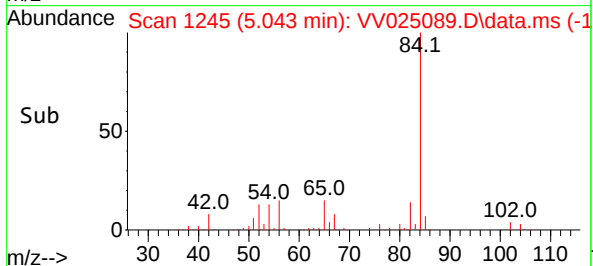
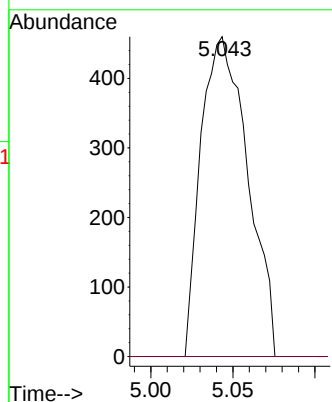
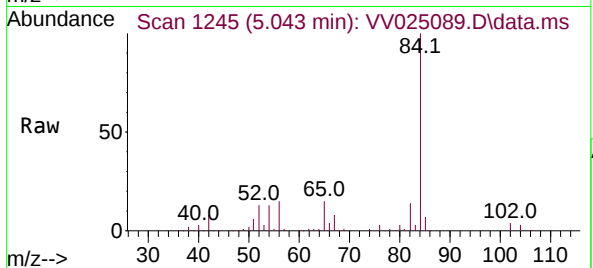
VBLK319

Tgt Ion: 62 Resp: 911

Ion Ratio Lower Upper

62 100

98 0.0 9.0 13.4#



#35

Methylcyclohexane

Concen: 0.691 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.055 min

Lab File: VV025089.D

Acq: 18 Mar 2022 10:52

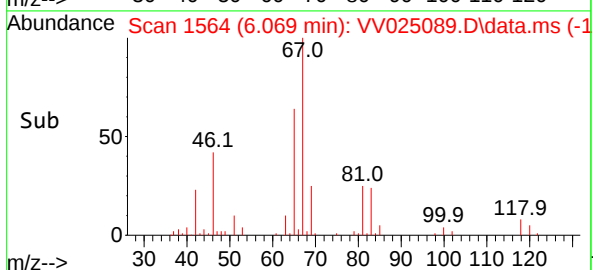
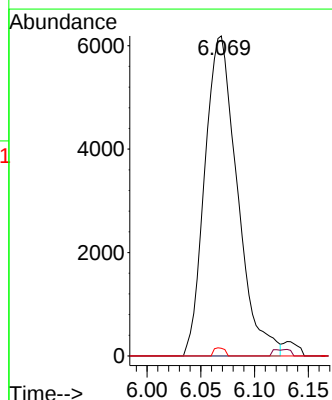
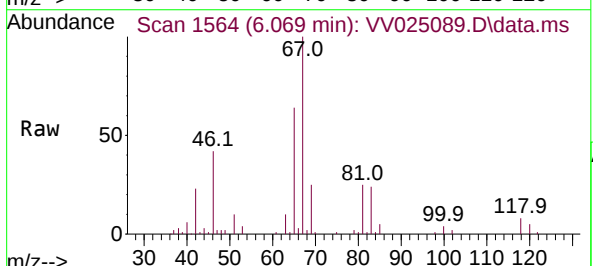
Tgt Ion: 83 Resp: 13009

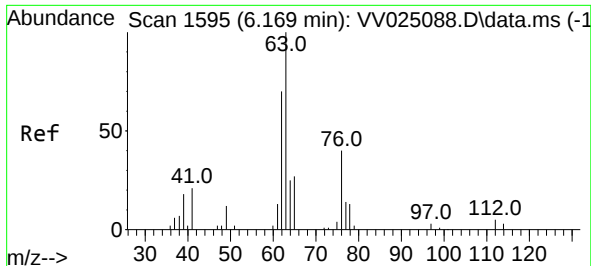
Ion Ratio Lower Upper

83 100

55 0.5 55.4 83.0#

98 0.8 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 0.529 ug/L

RT: 6.066 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV025089.D

Acq: 18 Mar 2022 10:52

Instrument :

MSVOA_V

ClientSampleId :

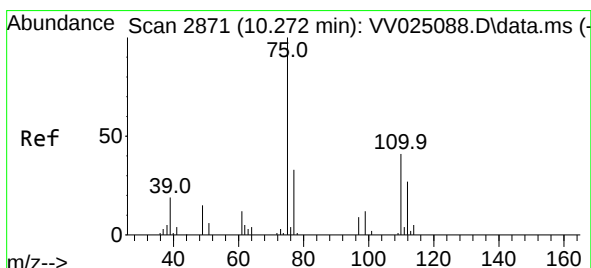
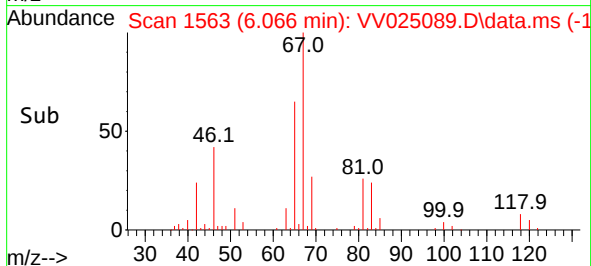
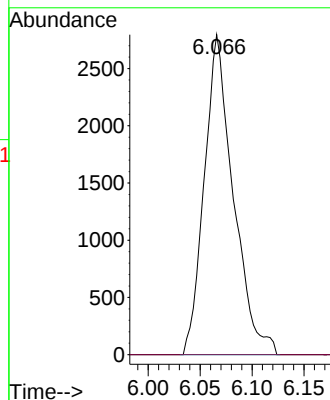
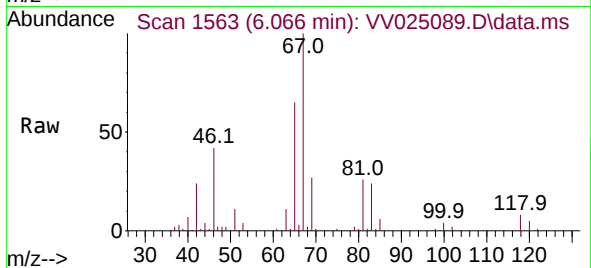
VBLK319

Tgt Ion: 63 Resp: 5435

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#61

1,2,3-Trichloropropane

Concen: 1.524 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV025089.D

Acq: 18 Mar 2022 10:52

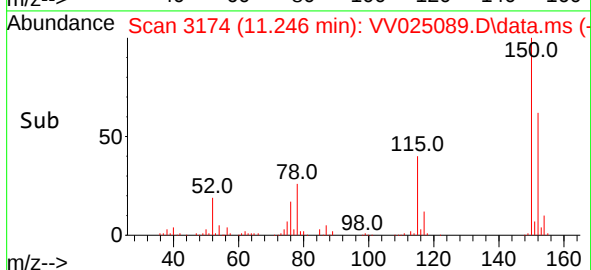
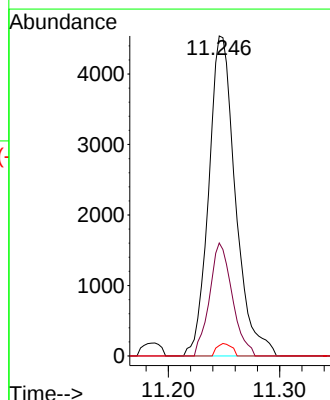
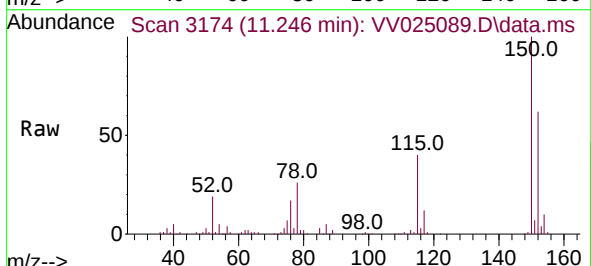
Tgt Ion: 75 Resp: 7563

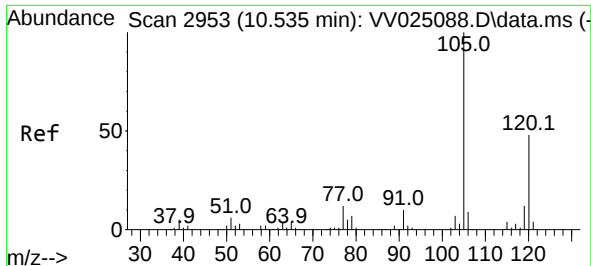
Ion Ratio Lower Upper

75 100

77 30.1 25.7 38.5

110 2.2 31.2 46.8#





#62

1,3,5-Trimethylbenzene

Concen: 0.053 ug/L

RT: 10.918 min Scan# 3072

Delta R.T. 0.383 min

Lab File: VV025089.D

Acq: 18 Mar 2022 10:52

Instrument :

MSVOA_V

ClientSampleId :

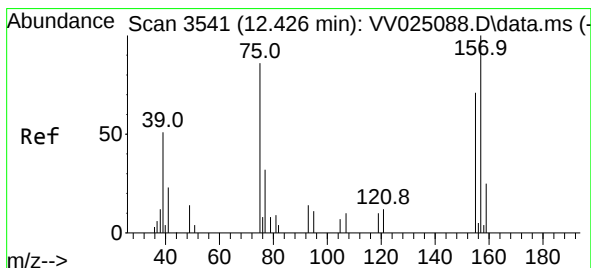
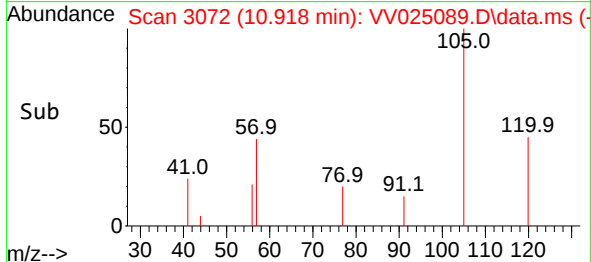
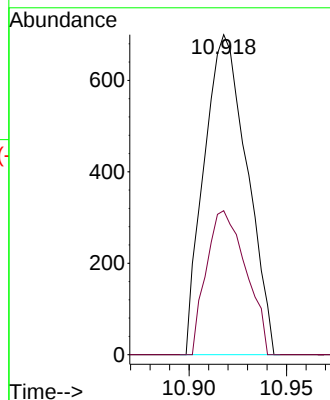
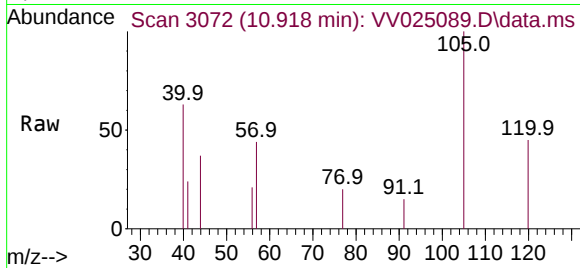
VBLK319

Tgt Ion:105 Resp: 1069

Ion Ratio Lower Upper

105 100

120 41.6 38.5 57.7



#68

1,2-Dibromo-3-chloropropane

Concen: 0.160 ug/L

RT: 12.644 min Scan# 3609

Delta R.T. 0.219 min

Lab File: VV025089.D

Acq: 18 Mar 2022 10:52

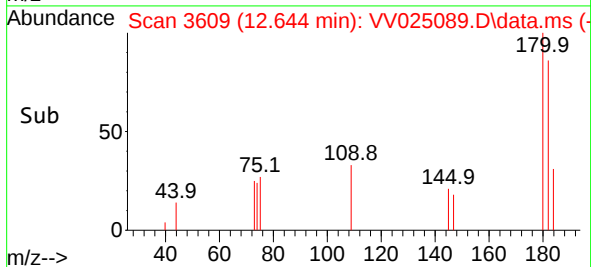
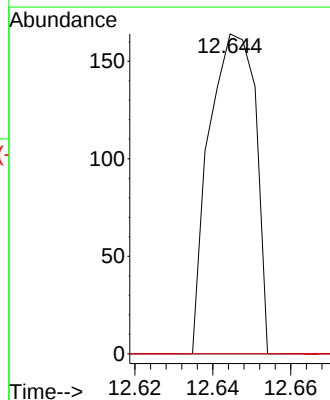
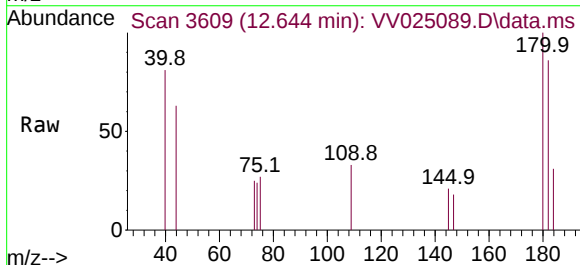
Tgt Ion: 75 Resp: 136

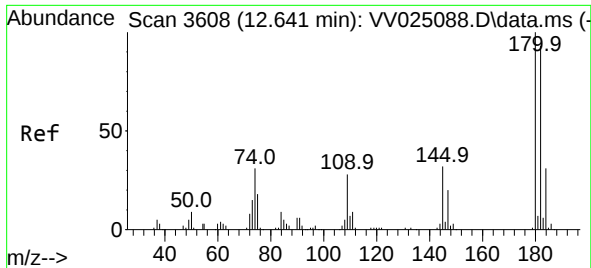
Ion Ratio Lower Upper

75 100

155 0.0 65.9 98.9#

157 0.0 89.7 134.5#

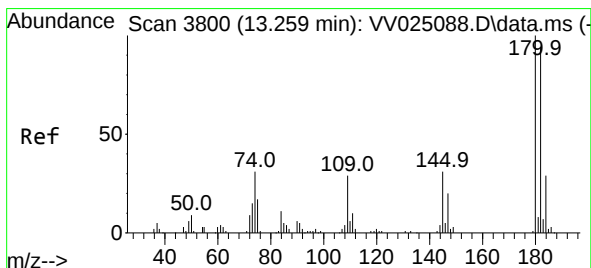
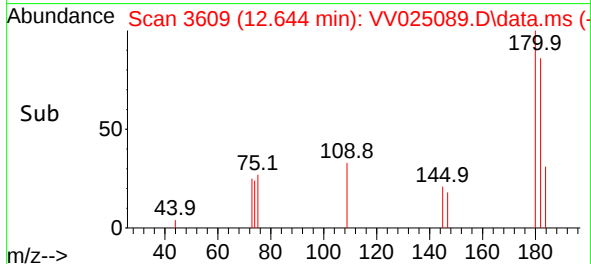
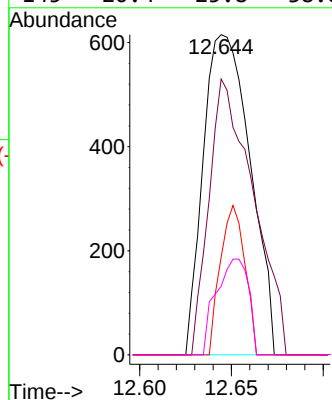
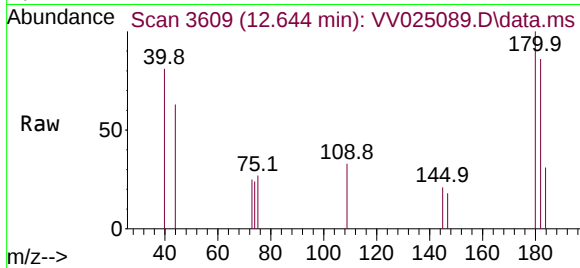




#69
 1,3,5-Trichlorobenzene
 Concen: 0.080 ug/L
 RT: 12.644 min Scan# 3608
 Delta R.T. 0.003 min
 Lab File: VV025089.D
 Acq: 18 Mar 2022 10:52

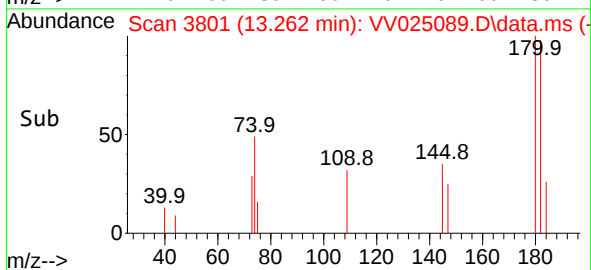
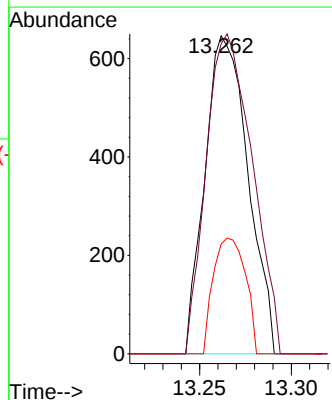
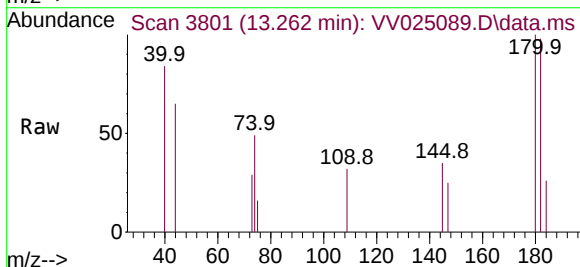
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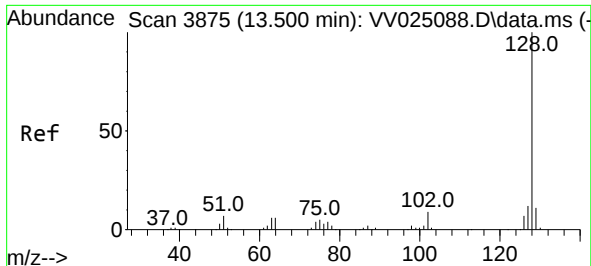
Tgt Ion:180 Resp: 1096
 Ion Ratio Lower Upper
 180 100
 182 81.3 75.4 113.0
 184 24.4 24.2 36.4
 145 20.4 25.8 38.8#



#70
 1,2,4-trichlorobenzene
 Concen: 0.099 ug/L
 RT: 13.262 min Scan# 3801
 Delta R.T. 0.003 min
 Lab File: VV025089.D
 Acq: 18 Mar 2022 10:52

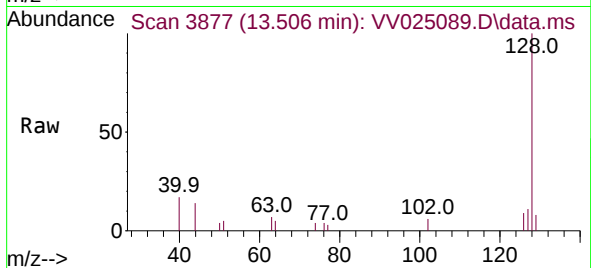
Tgt Ion:180 Resp: 1055
 Ion Ratio Lower Upper
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 182 108.1 74.6 112.0
 145 27.1 26.1 39.1



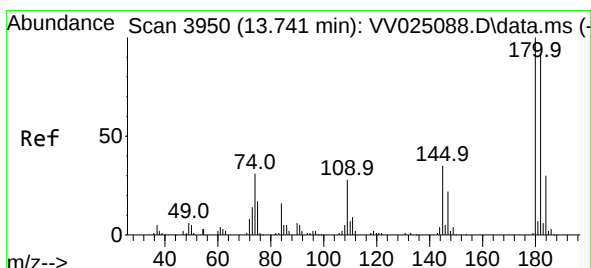
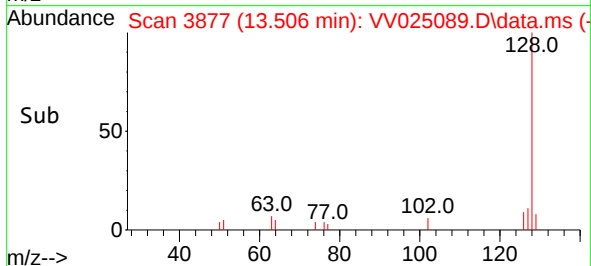
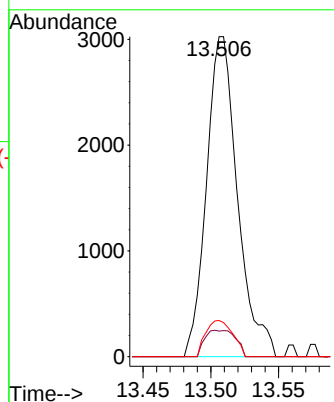


#71
Naphthalene
Concen: 0.273 ug/L
RT: 13.506 min Scan# 3877
Delta R.T. 0.006 min
Lab File: VV025089.D
Acq: 18 Mar 2022 10:52

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Tgt Ion:128 Resp: 4818
Ion Ratio Lower Upper
128 100
129 8.1 8.5 12.7#
127 9.8 9.8 14.8#



#72
1,2,3-Trichlorobenzene
Concen: 0.118 ug/L
RT: 13.747 min Scan# 3952
Delta R.T. 0.006 min
Lab File: VV025089.D
Acq: 18 Mar 2022 10:52

Tgt Ion:180 Resp: 1064
Ion Ratio Lower Upper
180 100
182 107.6 74.8 112.2
145 38.2 27.6 41.4

