

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV121323\
 Data File : VV033276.D
 Acq On : 13 Dec 2023 15:04
 Operator : SY/MD
 Sample : VV1213WBL01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK388

Quant Time: Dec 13 23:32:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR121323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 13 23:30:39 2023
 Response via : Initial Calibration

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

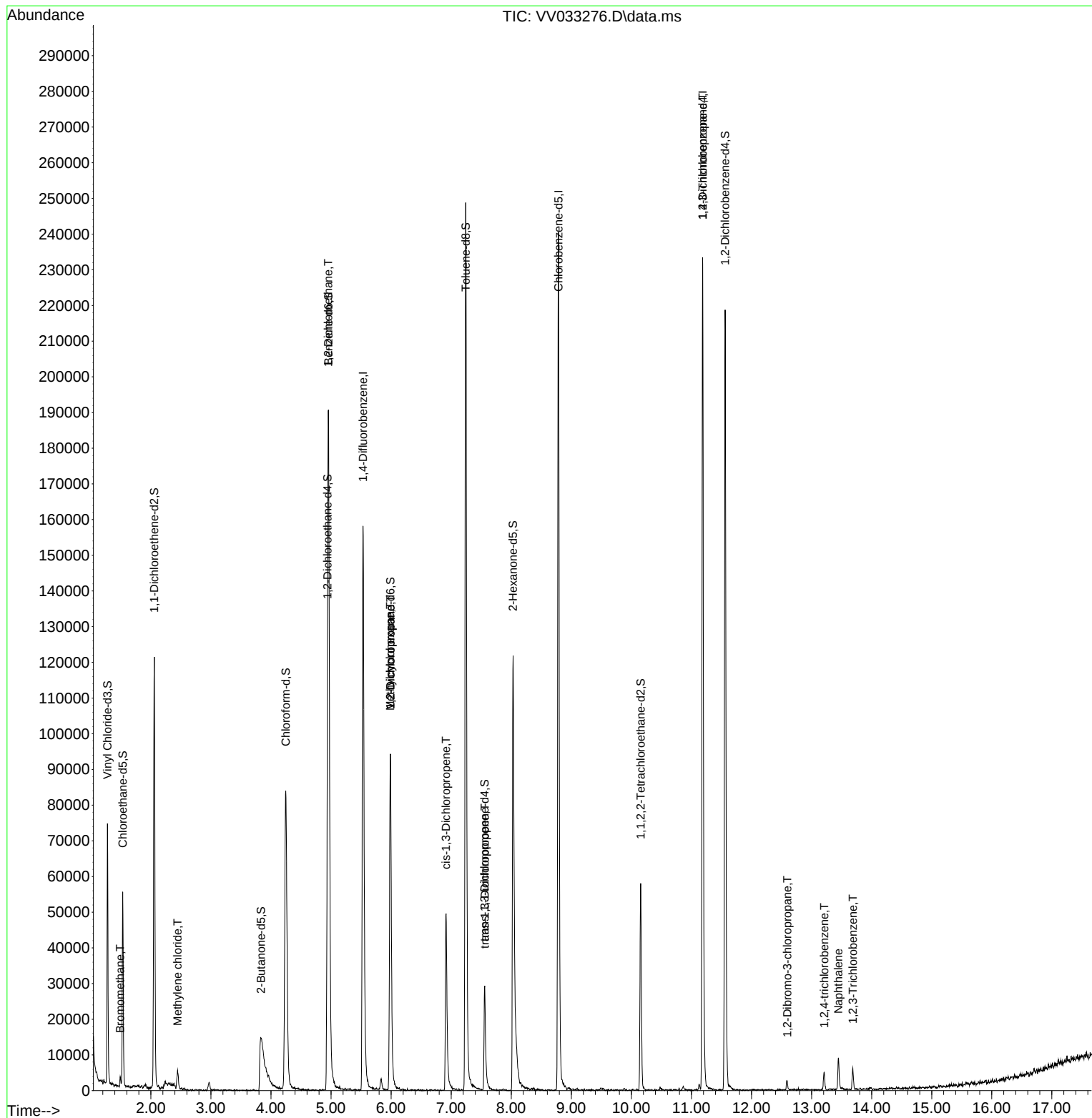
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	151788	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	143541	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	67292	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	45965	4.724	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.400%
7) Chloroethane-d5	1.532	69	33746	4.663	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.200%
11) 1,1-Dichloroethene-d2	2.056	65	18648	4.815	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.400%
20) 2-Butanone-d5	3.834	46	36686	31.859	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	63.720%
24) Chloroform-d	4.246	84	96071	4.734	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
26) 1,2-Dichloroethane-d4	4.940	65	43179	4.896	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
32) Benzene-d6	4.957	84	188312	5.071	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.400%
36) 1,2-Dichloropropane-d6	5.989	67	42754	5.058	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.200%
41) Toluene-d8	7.243	98	176813	4.887	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
43) trans-1,3-Dichloroprop...	7.558	79	19238	4.990	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.800%
46) 2-Hexanone-d5	8.030	63	48386	44.952	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.900%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	25449	4.452	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.000%
66) 1,2-Dichlorobenzene-d4	11.561	152	61326	5.174	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.400%
Target Compounds						
					Qvalue	
6) Bromomethane	1.487	94	935	0.130	ug/L	99
16) Methylene chloride	2.445	84	2197	0.219	ug/L #	64
27) 1,2-Dichloroethane	4.953	62	1019	0.095	ug/L #	72
35) Methylcyclohexane	5.985	83	12883	0.776	ug/L #	22
37) 1,2-Dichloropropane	5.989	63	6089	0.787	ug/L #	81
39) cis-1,3-Dichloropropene	6.915	75	1718	0.137	ug/L	88
44) trans-1,3-Dichloropropene	7.561	75	981	0.094	ug/L	90
61) 1,2,3-Trichloropropane	11.188	75	6095	1.709	ug/L #	56
68) 1,2-Dibromo-3-chloropr...	12.596	75	174	0.209	ug/L #	1
70) 1,2,4-trichlorobenzene	13.210	180	2304	0.165	ug/L	93
71) Naphthalene	13.445	128	8620	0.533	ug/L	98
72) 1,2,3-Trichlorobenzene	13.686	180	2288	0.204	ug/L	97

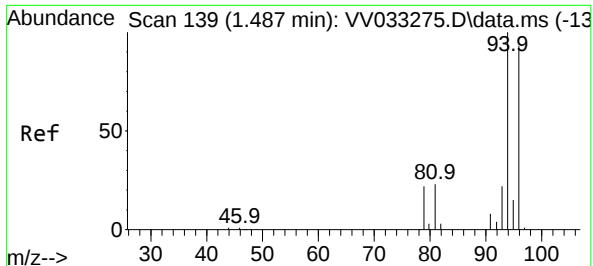
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 13 23:30:39 2023
Response via : Initial Calibration





#6

Bromomethane

Concen: 0.130 ug/L

RT: 1.487 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV033276.D

Acq: 13 Dec 2023 15:04

Instrument :

MSVOA_V

ClientSampleId :

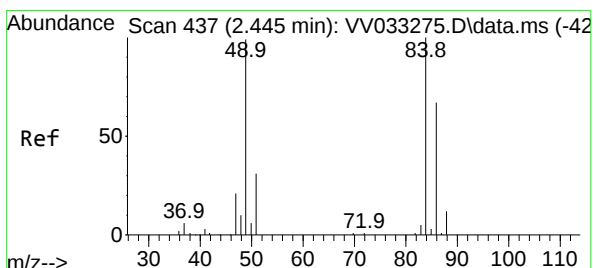
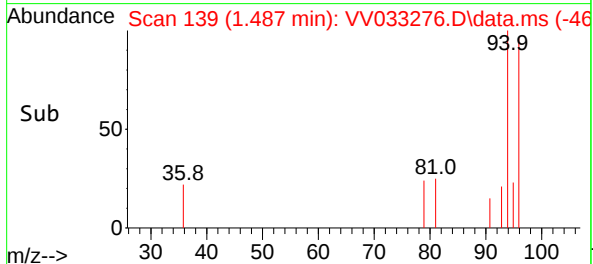
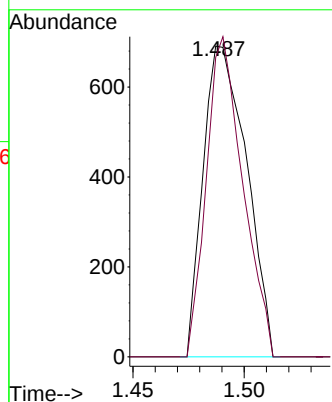
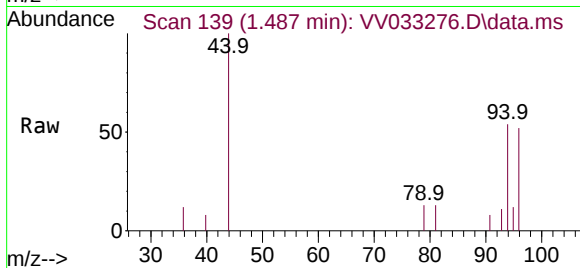
VBLK388

Tgt Ion: 94 Resp: 935

Ion Ratio Lower Upper

94 100

96 96.4 68.3 126.8



#16

Methylene chloride

Concen: 0.219 ug/L

RT: 2.445 min Scan# 437

Delta R.T. 0.000 min

Lab File: VV033276.D

Acq: 13 Dec 2023 15:04

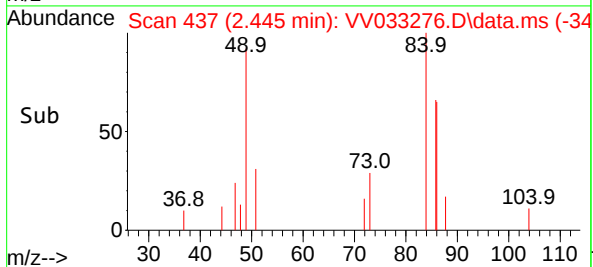
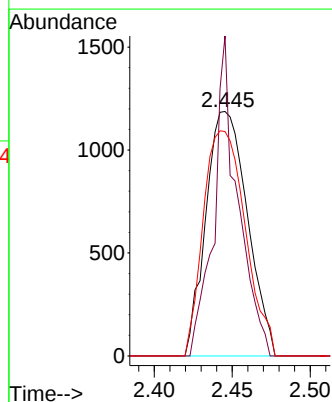
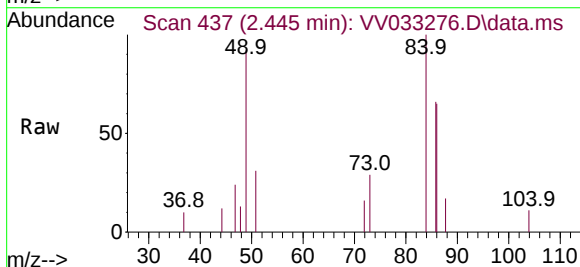
Tgt Ion: 84 Resp: 2197

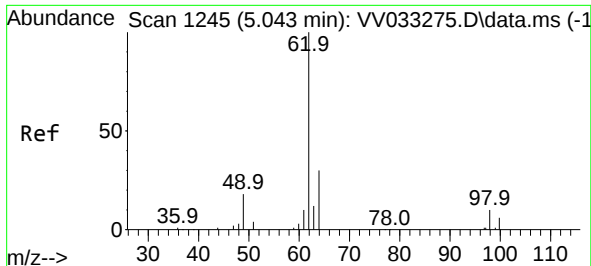
Ion Ratio Lower Upper

84 100

86 130.9 47.5 88.1#

49 91.8 68.9 127.9





#27

1,2-Dichloroethane

Concen: 0.095 ug/L

RT: 4.953 min Scan# 1

Delta R.T. -0.090 min

Lab File: VV033276.D

Acq: 13 Dec 2023 15:04

Instrument :

MSVOA_V

ClientSampleId :

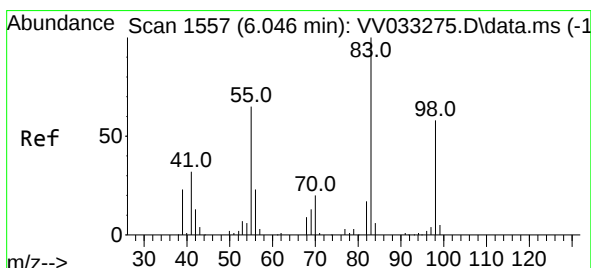
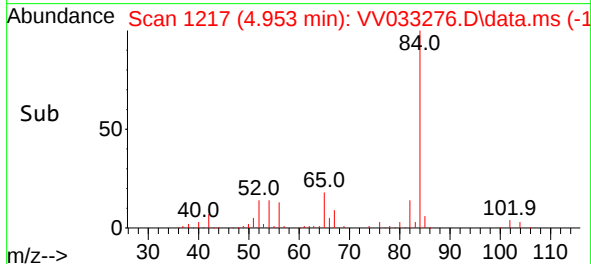
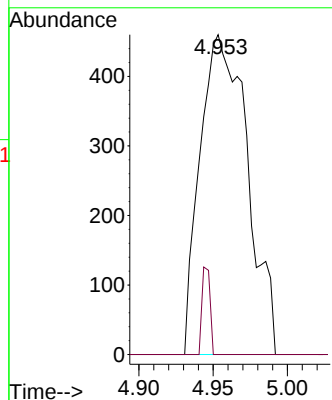
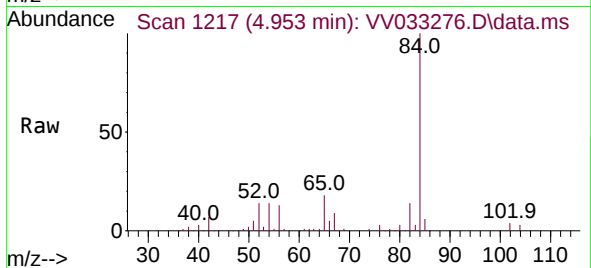
VBLK388

Tgt Ion: 62 Resp: 1019

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.4#



#35

Methylcyclohexane

Concen: 0.776 ug/L

RT: 5.985 min Scan# 1538

Delta R.T. -0.061 min

Lab File: VV033276.D

Acq: 13 Dec 2023 15:04

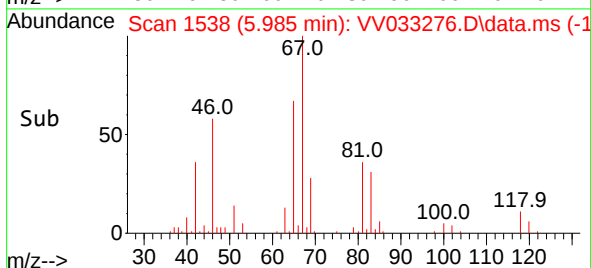
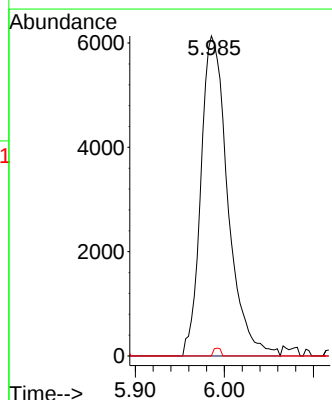
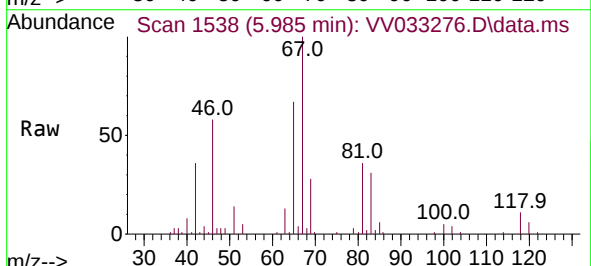
Tgt Ion: 83 Resp: 12883

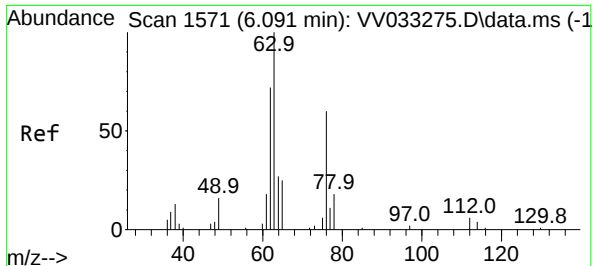
Ion Ratio Lower Upper

83 100

55 0.0 50.7 76.1#

98 0.6 42.4 63.6#





#37

1,2-Dichloropropane

Concen: 0.787 ug/L

RT: 5.989 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV033276.D

Acq: 13 Dec 2023 15:04

Instrument :

MSVOA_V

ClientSampleId :

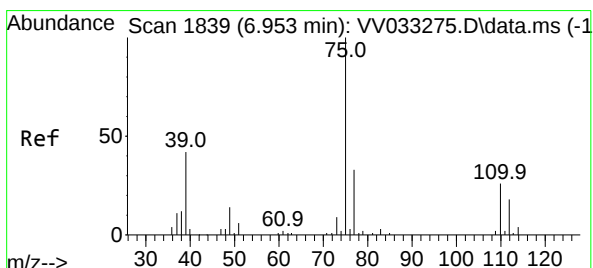
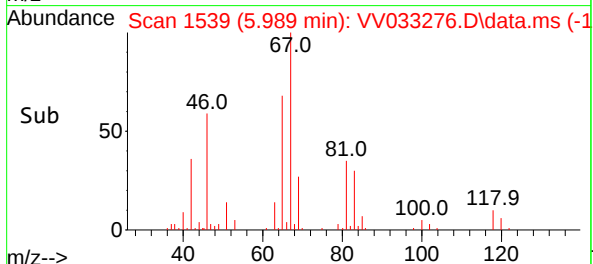
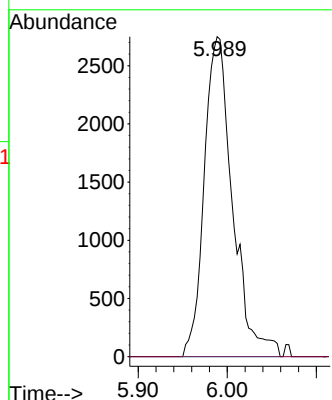
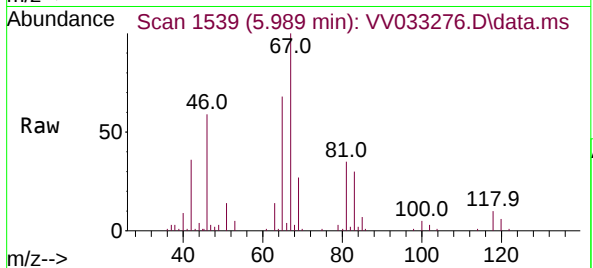
VBLK388

Tgt Ion: 63 Resp: 6089

Ion Ratio Lower Upper

63 100

112 0.0 5.0 7.6#



#39

cis-1,3-Dichloropropene

Concen: 0.137 ug/L

RT: 6.915 min Scan# 1827

Delta R.T. -0.039 min

Lab File: VV033276.D

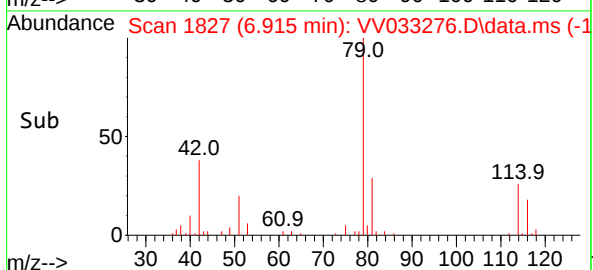
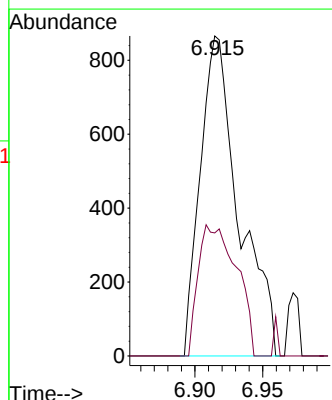
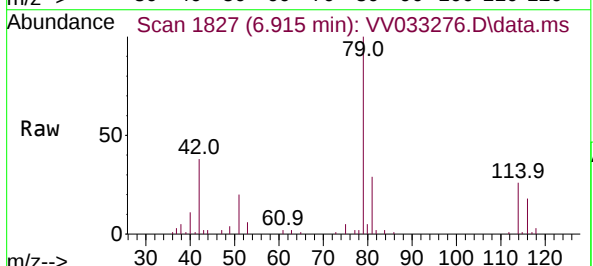
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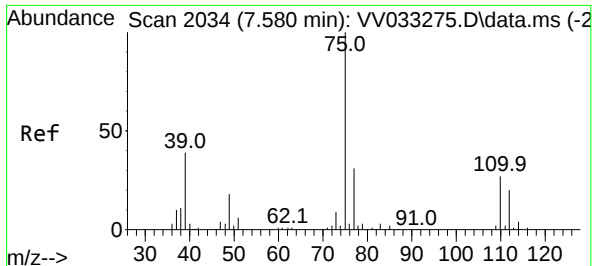
Tgt Ion: 75 Resp: 1718

Ion Ratio Lower Upper

75 100

77 38.5 22.1 41.1





#44

trans-1,3-Dichloropropene

Concen: 0.094 ug/L

RT: 7.561 min Scan# 2034

Delta R.T. -0.019 min

Lab File: VV033276.D

Acq: 13 Dec 2023 15:04

Instrument :

MSVOA_V

ClientSampleId :

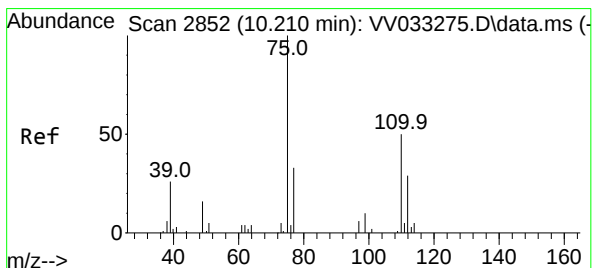
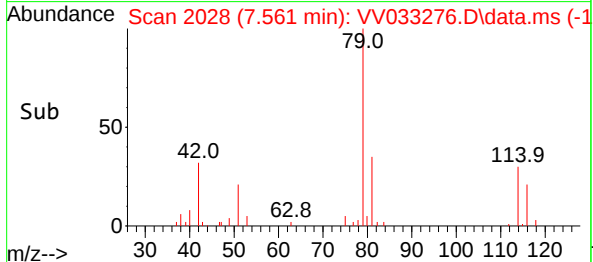
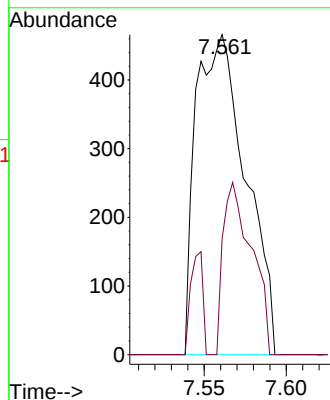
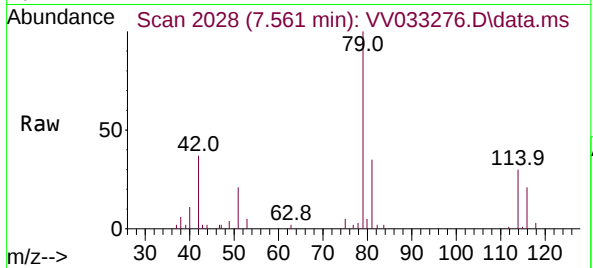
VBLK388

Tgt Ion: 75 Resp: 981

Ion Ratio Lower Upper

75 100

77 36.3 21.7 40.3



#61

1,2,3-Trichloropropane

Concen: 1.709 ug/L

RT: 11.188 min Scan# 3156

Delta R.T. 0.977 min

Lab File: VV033276.D

Acq: 13 Dec 2023 15:04

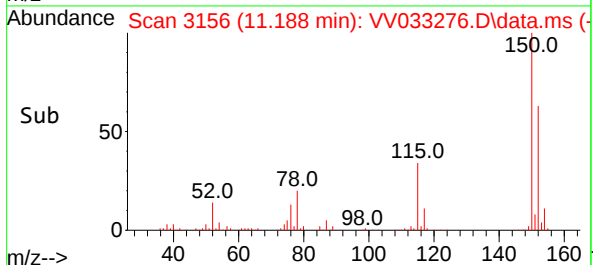
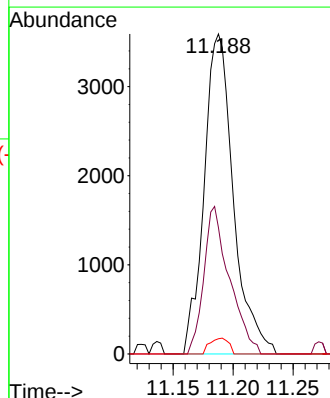
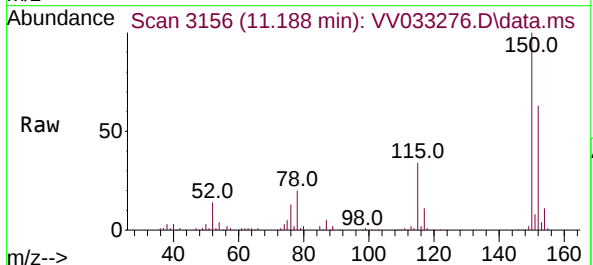
Tgt Ion: 75 Resp: 6095

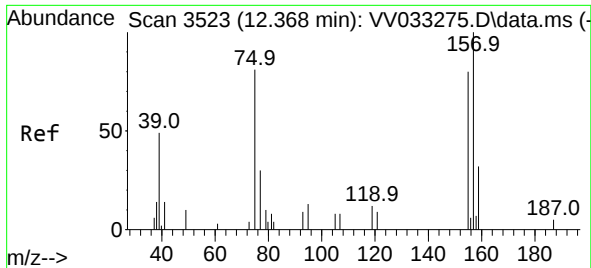
Ion Ratio Lower Upper

75 100

77 40.4 27.4 41.2

110 3.2 39.4 59.2#

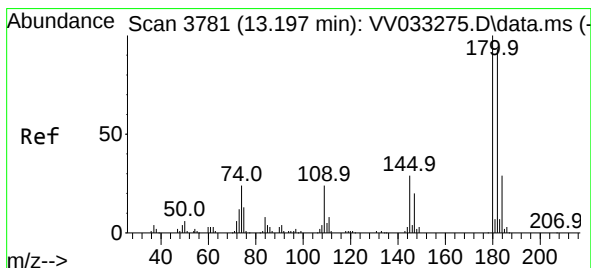
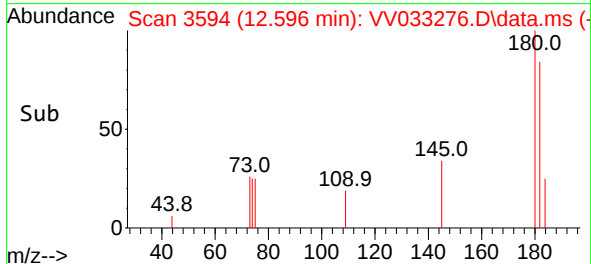
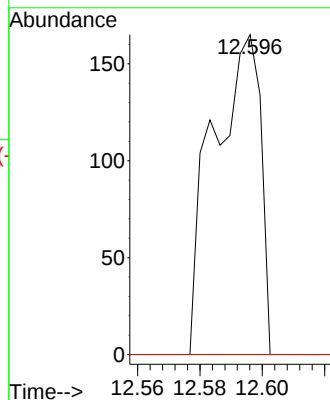
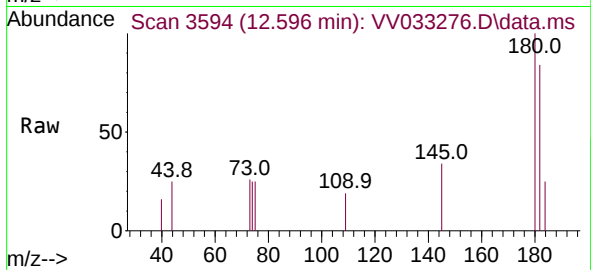




#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.209 ug/L
 RT: 12.596 min Scan# 31
 Delta R.T. 0.228 min
 Lab File: VV033276.D
 Acq: 13 Dec 2023 15:04

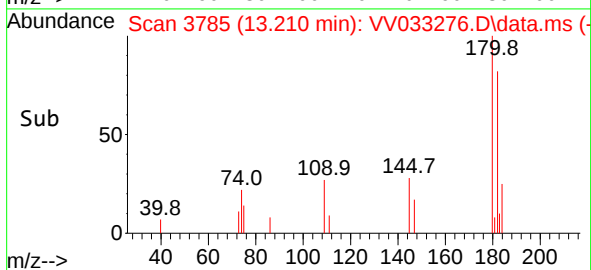
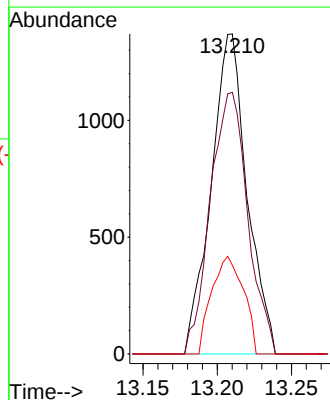
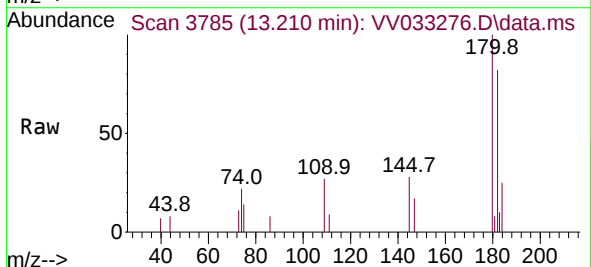
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 VBLK388

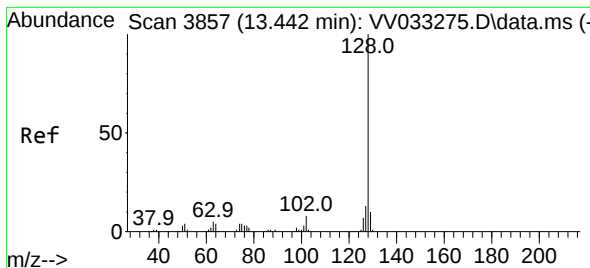
Tgt Ion: 75 Resp: 174
 Ion Ratio Lower Upper
 75 100
 155 0.0 79.8 119.8#
 157 0.0 110.2 165.2#



#70
 1,2,4-trichlorobenzene
 Concen: 0.165 ug/L
 RT: 13.210 min Scan# 3785
 Delta R.T. 0.013 min
 Lab File: VV033276.D
 Acq: 13 Dec 2023 15:04

Tgt Ion: 180 Resp: 2304
 Ion Ratio Lower Upper
 180 100
 182 85.2 74.2 111.4
 145 27.0 22.6 34.0





#71

Naphthalene

Concen: 0.533 ug/L

RT: 13.445 min Scan# 3857

Delta R.T. 0.003 min

Lab File: VV033276.D

Acq: 13 Dec 2023 15:04

Instrument :

MSVOA_V

ClientSampleId :

VBLK388

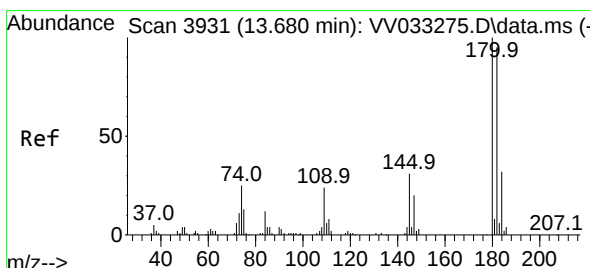
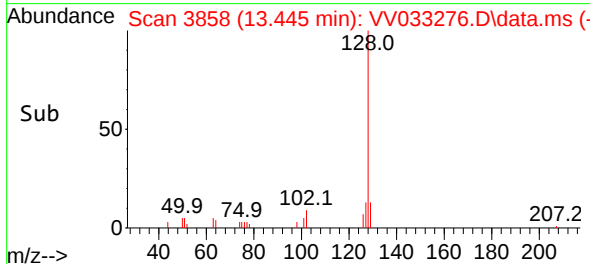
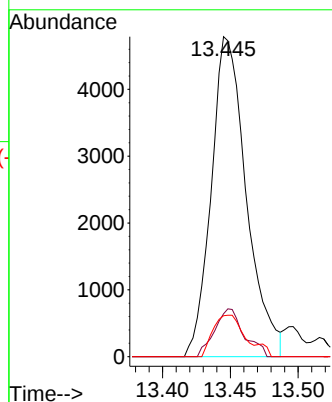
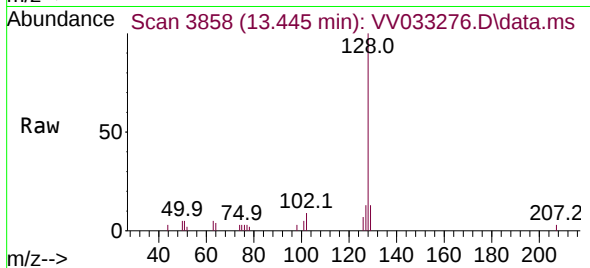
Tgt Ion:128 Resp: 8620

Ion Ratio Lower Upper

128 100

129 12.5 8.8 13.2

127 12.1 10.1 15.1



#72

1,2,3-Trichlorobenzene

Concen: 0.204 ug/L

RT: 13.686 min Scan# 3933

Delta R.T. 0.006 min

Lab File: VV033276.D

Acq: 13 Dec 2023 15:04

Tgt Ion:180 Resp: 2288

Ion Ratio Lower Upper

180 100

182 99.0 78.8 118.2

145 28.1 26.6 40.0

