

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062122\
 Data File : VW026488.D
 Acq On : 21 Jun 2022 15:06
 Operator : SY/MD
 Sample : N3355-02
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 22 04:43:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 22 04:36:16 2022
 Response via : Initial Calibration

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

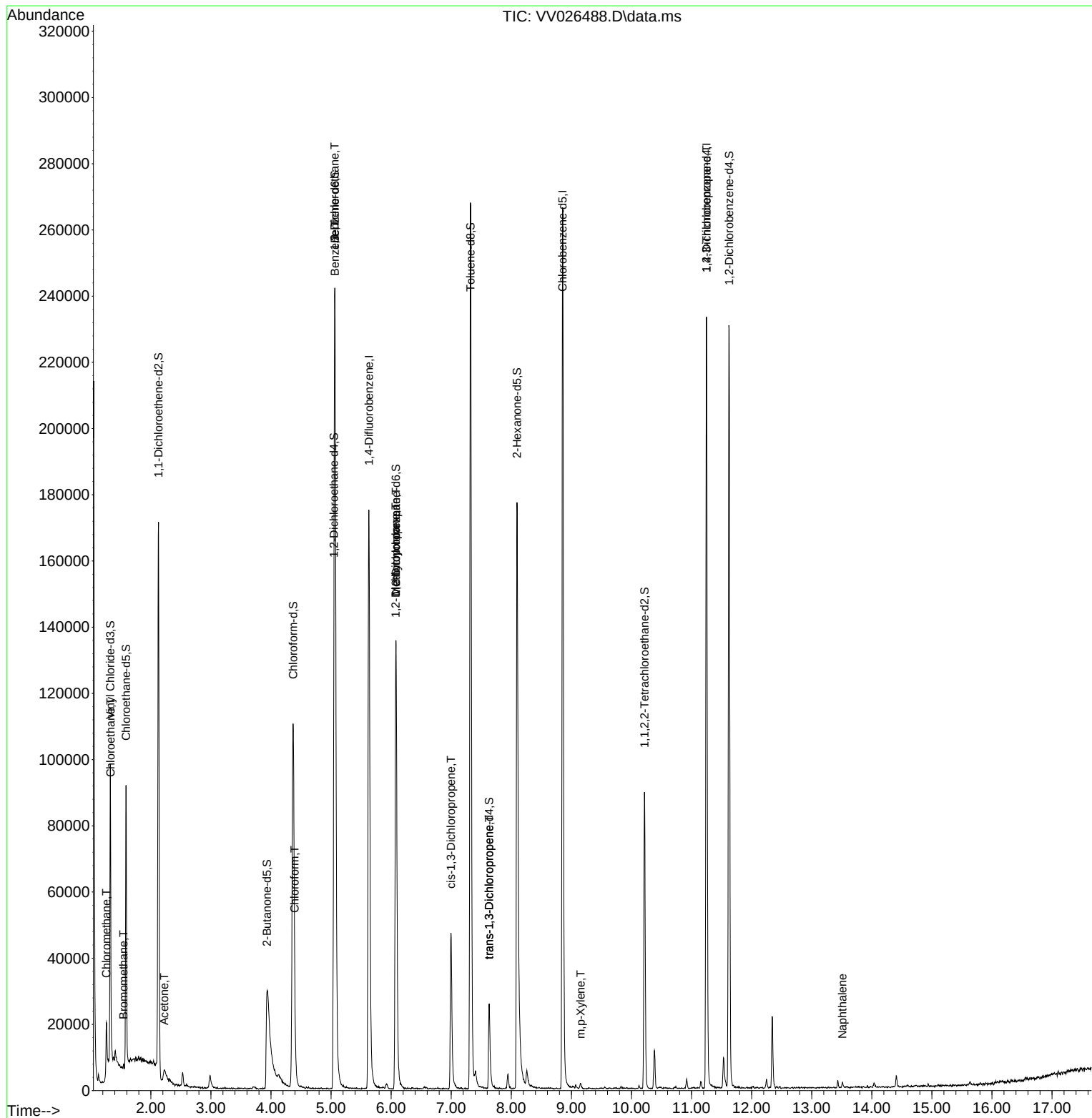
Internal Standards						
1) 1,4-Difluorobenzene	5.629	114	162330	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	155524	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	64324	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.327	65	59299	4.206	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	84.200%	
7) Chloroethane-d5	1.587	69	52141	4.703	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	94.000%	
11) 1,1-Dichloroethene-d2	2.127	63	88177	3.642	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	72.800%	
20) 2-Butanone-d5	3.934	46	73500	53.424	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	106.840%	
24) Chloroform-d	4.368	84	120369	5.825	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	116.400%	
26) 1,2-Dichloroethane-d4	5.047	65	48855	5.588	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	111.800%	
32) Benzene-d6	5.063	84	229886	5.529	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	110.600%	
36) 1,2-Dichloropropane-d6	6.079	67	69465	5.724	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	114.400%	
41) Toluene-d8	7.320	98	188291	4.966	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	99.400%	
43) trans-1,3-Dichloroprop...	7.632	79	16762	4.260	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	85.200%	
46) 2-Hexanone-d5	8.095	63	64461	54.229	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	108.460%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	45242	6.052	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	121.000%#	
66) 1,2-Dichlorobenzene-d4	11.625	152	61846	6.242	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	124.800%#	
Target Compounds						Qvalue
3) Chloromethane	1.259	50	12320	0.914	ug/L	95
6) Bromomethane	1.545	94	616	0.079	ug/L	91
8) Chloroethane	1.330	64	1657	0.190	ug/L	97
13) Acetone	2.224	43	6777	6.356	ug/L	82
25) Chloroform	4.394	83	3795	0.184	ug/L	99
27) 1,2-Dichloroethane	5.060	62	785	0.084	ug/L #	71
33) Benzene	5.066	78	1887	0.047	ug/L	100
35) Methylcyclohexane	6.079	83	16799	1.116	ug/L #	19
37) 1,2-Dichloropropane	6.076	63	7489	0.718	ug/L #	88
39) cis-1,3-Dichloropropene	6.995	75	1399	0.118	ug/L #	35
44) trans-1,3-Dichloropropene	7.632	75	727	0.076	ug/L	93
53) m,p-Xylene	9.153	106	635	0.039	ug/L	89
61) 1,2,3-Trichloropropane	11.249	75	7813	1.872	ug/L #	62
71) Naphthalene	13.509	128	1843	0.148	ug/L #	85

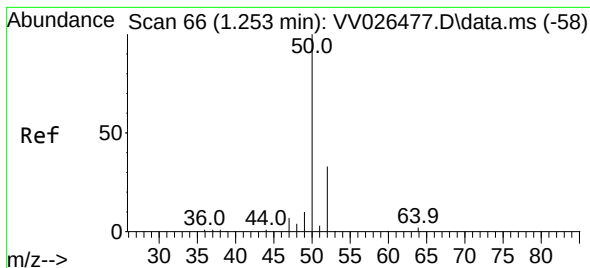
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 22 04:36:16 2022
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.914 ug/L

RT: 1.259 min Scan# 61

Delta R.T. 0.006 min

Lab File: VV026488.D

Acq: 21 Jun 2022 15:06

Instrument :

MSVOA_V

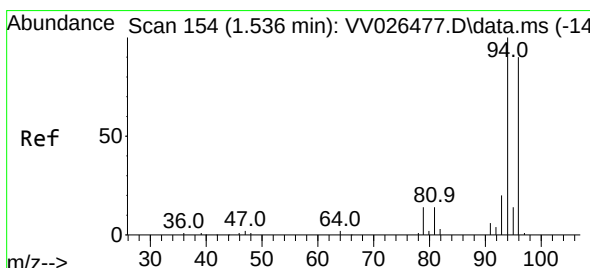
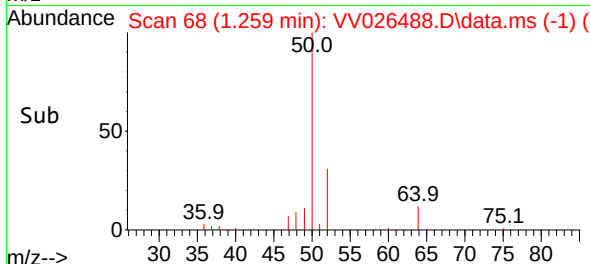
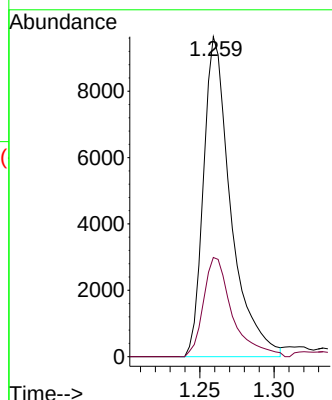
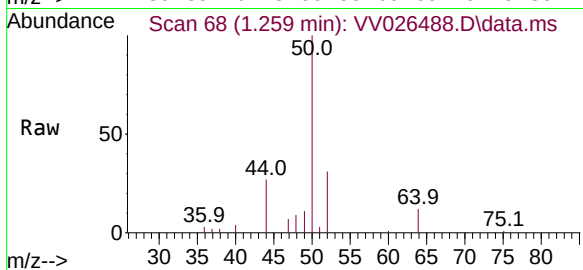
ClientSampleId :

Tgt Ion: 50 Resp: 12320

Ion Ratio Lower Upper

50 100

52 31.0 23.7 44.1



#6

Bromomethane

Concen: 0.079 ug/L

RT: 1.545 min Scan# 157

Delta R.T. 0.010 min

Lab File: VV026488.D

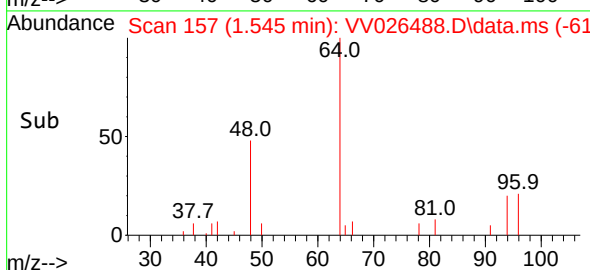
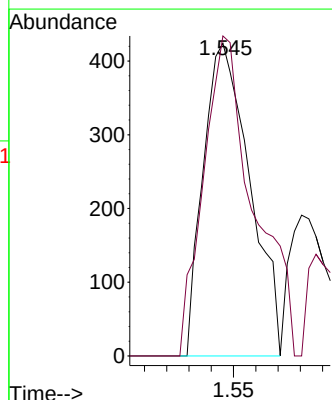
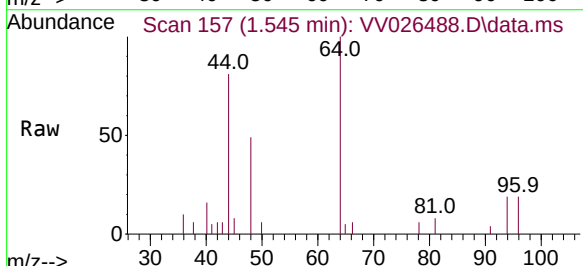
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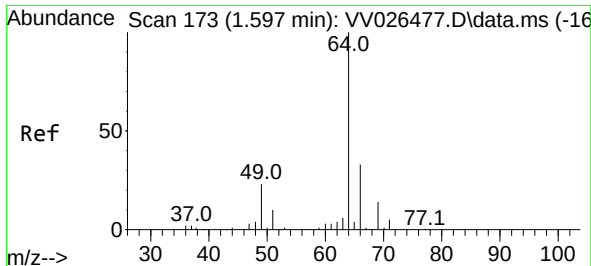
Tgt Ion: 94 Resp: 616

Ion Ratio Lower Upper

94 100

96 102.4 65.7 121.9

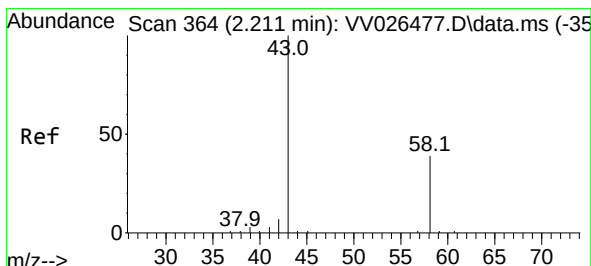
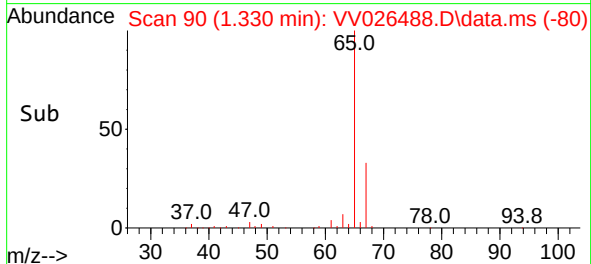
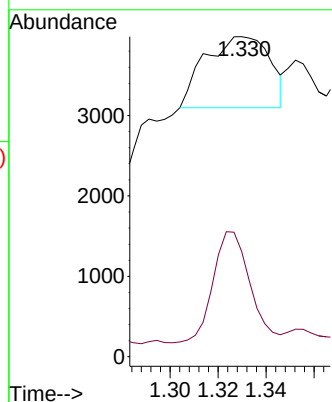
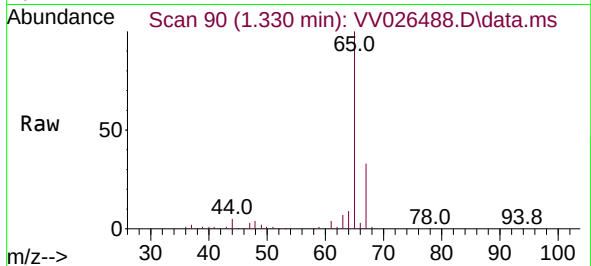




#8
Chloroethane
Concen: 0.190 ug/L
RT: 1.330 min Scan# 90
Delta R.T. -0.267 min
Lab File: VV026488.D
Acq: 21 Jun 2022 15:06

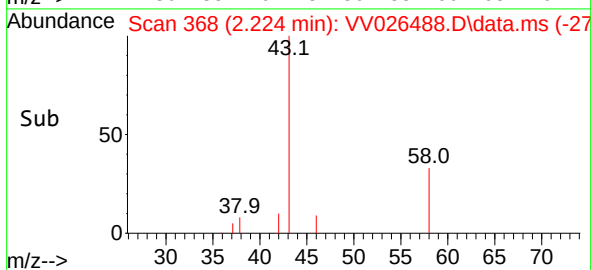
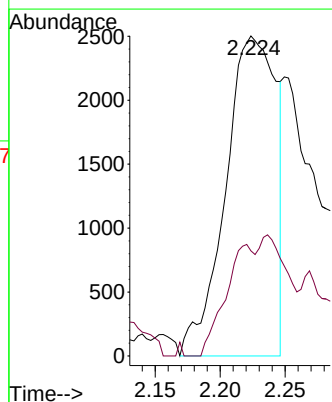
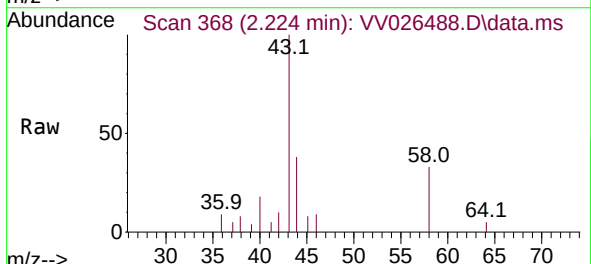
Instrument :
MSVOA_V
ClientSampleId :

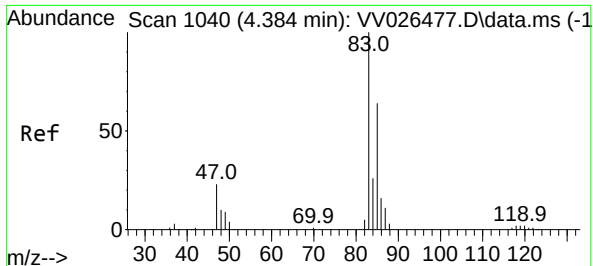
Tgt Ion: 64 Resp: 1657
Ion Ratio Lower Upper
64 100
66 32.9 24.1 44.7



#13
Acetone
Concen: 6.356 ug/L
RT: 2.224 min Scan# 368
Delta R.T. 0.013 min
Lab File: VV026488.D
Acq: 21 Jun 2022 15:06

Tgt Ion: 43 Resp: 6777
Ion Ratio Lower Upper
43 100
58 20.4 0.0 60.0





#25

Chloroform

Concen: 0.184 ug/L

RT: 4.394 min Scan# 1043

Delta R.T. 0.010 min

Lab File: VV026488.D

Acq: 21 Jun 2022 15:06

Instrument :

MSVOA_V

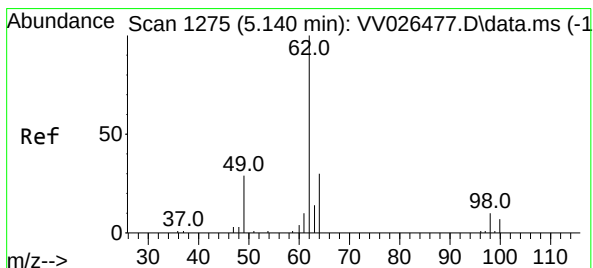
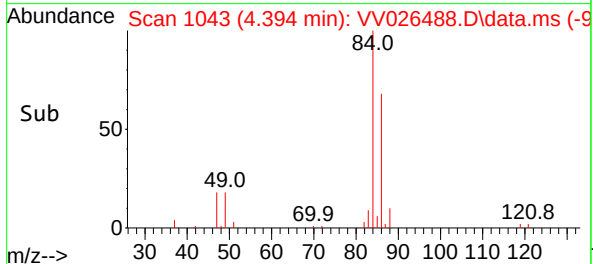
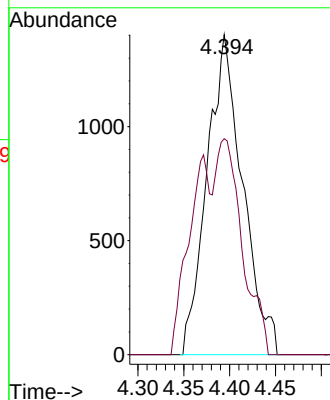
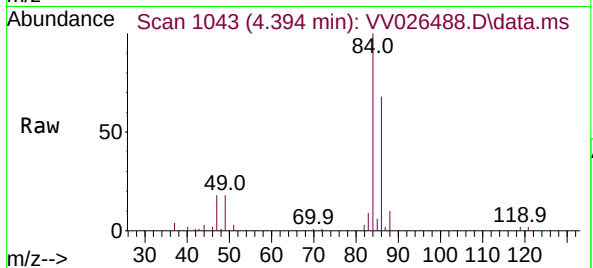
ClientSampleId :

Tgt Ion: 83 Resp: 3795

Ion Ratio Lower Upper

83 100

85 67.5 46.5 86.3



#27

1,2-Dichloroethane

Concen: 0.084 ug/L

RT: 5.060 min Scan# 1250

Delta R.T. -0.080 min

Lab File: VV026488.D

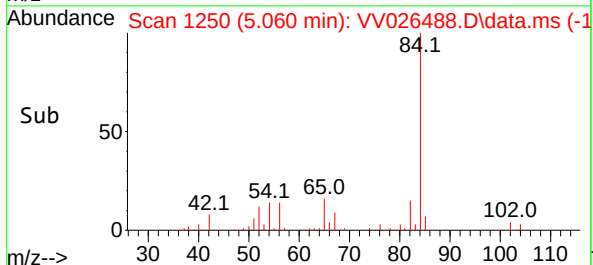
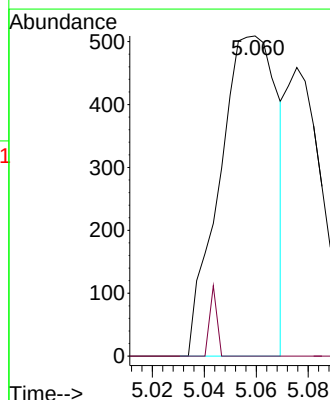
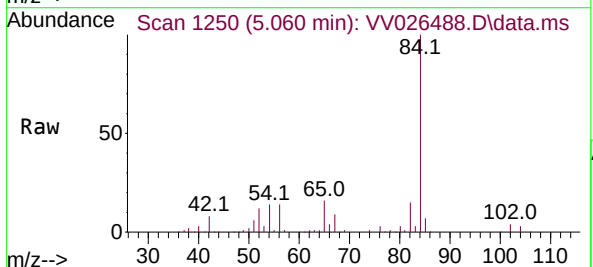
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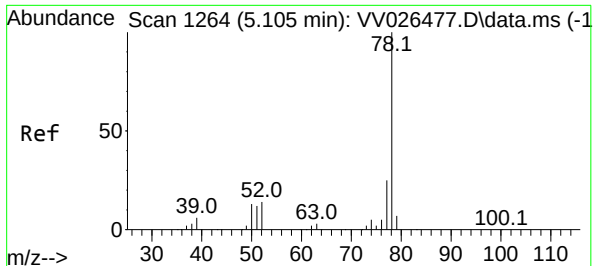
Tgt Ion: 62 Resp: 785

Ion Ratio Lower Upper

62 100

98 0.0 8.6 13.0#

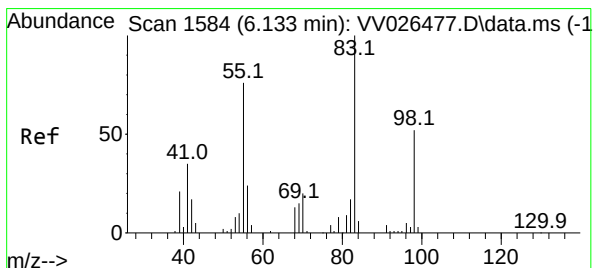
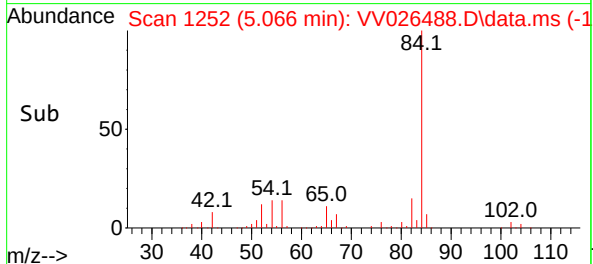
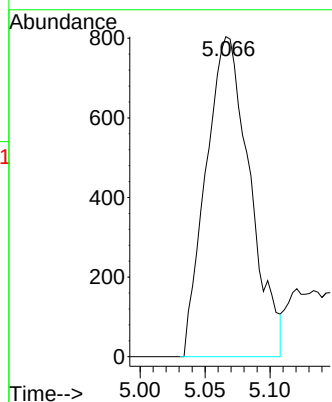
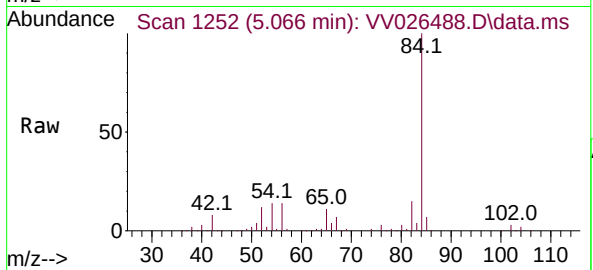




#33
Benzene
Concen: 0.047 ug/L
RT: 5.066 min Scan# 11
Delta R.T. -0.039 min
Lab File: VV026488.D
Acq: 21 Jun 2022 15:06

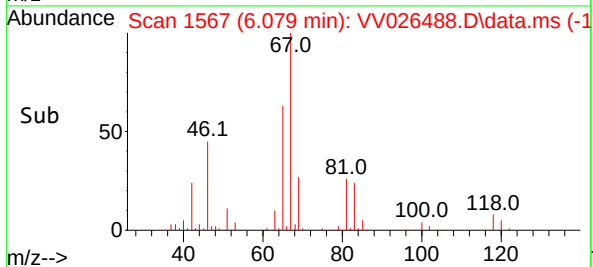
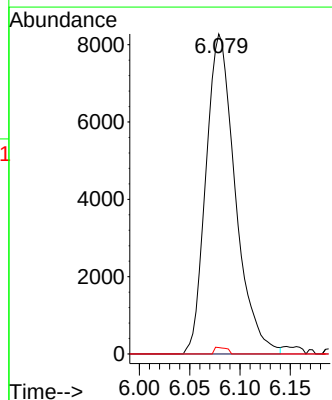
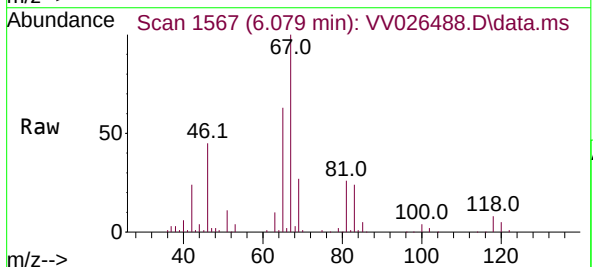
Instrument :
MSVOA_V
ClientSampleId :

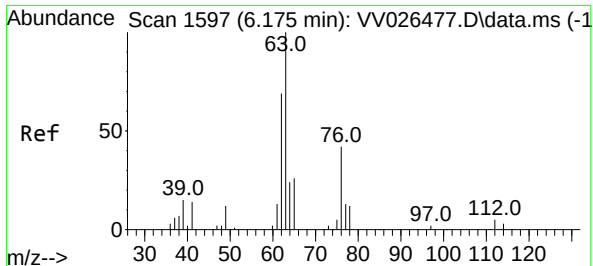
Tgt Ion: 78 Resp: 1887



#35
Methylcyclohexane
Concen: 1.116 ug/L
RT: 6.079 min Scan# 1567
Delta R.T. -0.055 min
Lab File: VV026488.D
Acq: 21 Jun 2022 15:06

Tgt Ion: 83 Resp: 16799
Ion Ratio Lower Upper
83 100
55 0.0 59.3 88.9#
98 0.9 39.9 59.9#





#37

1,2-Dichloropropane

Concen: 0.718 ug/L

RT: 6.076 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV026488.D

Acq: 21 Jun 2022 15:06

Instrument :

MSVOA_V

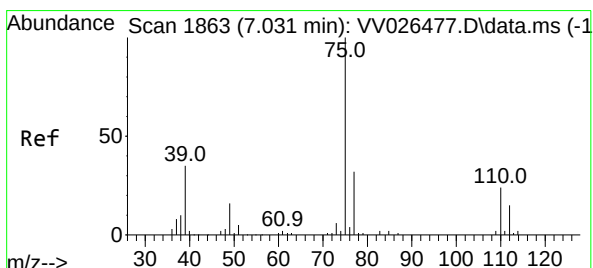
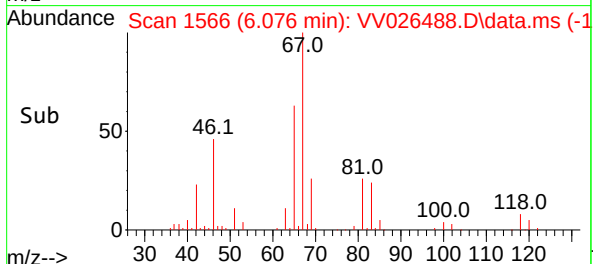
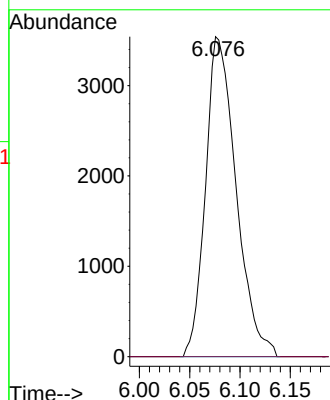
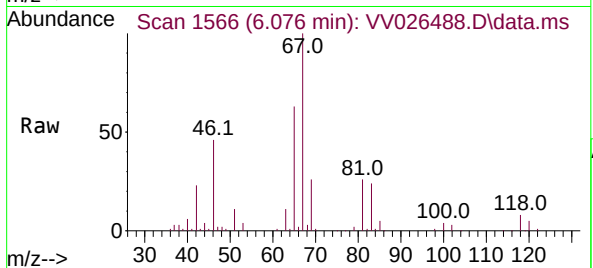
ClientSampleId :

Tgt Ion: 63 Resp: 7489

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



#39

cis-1,3-Dichloropropene

Concen: 0.118 ug/L

RT: 6.995 min Scan# 1852

Delta R.T. -0.035 min

Lab File: VV026488.D

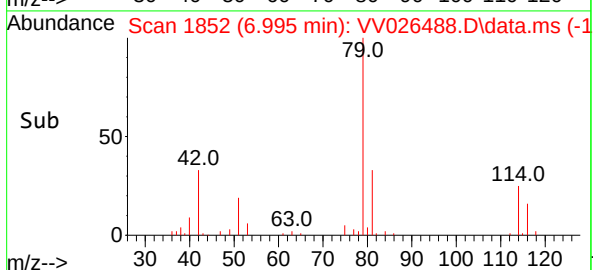
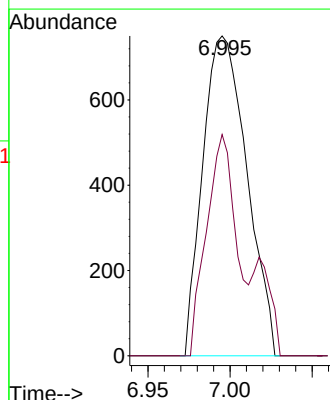
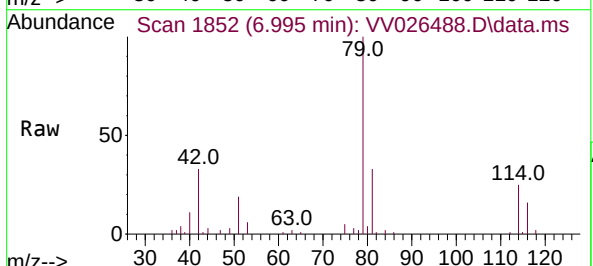
Acq: 21 Jun 2022 15:06

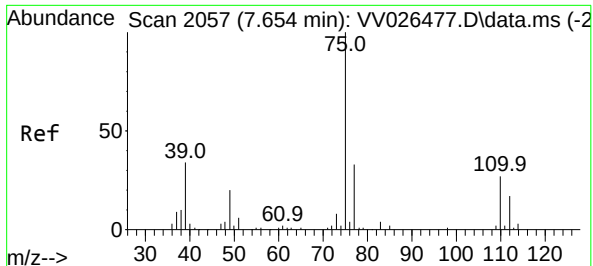
Tgt Ion: 75 Resp: 1399

Ion Ratio Lower Upper

75 100

77 69.2 23.0 42.6#

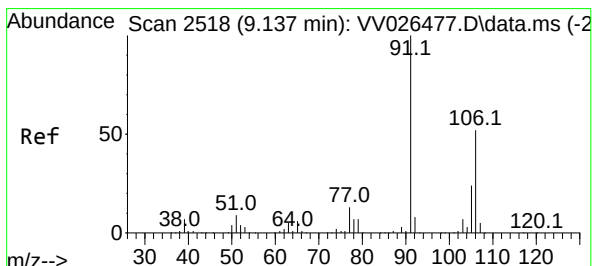
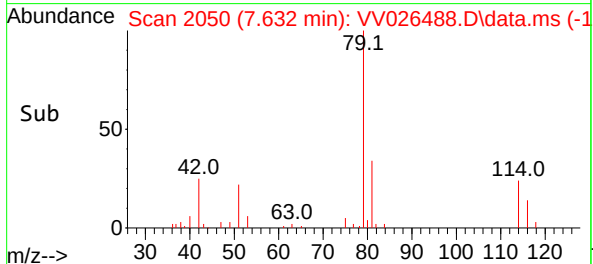
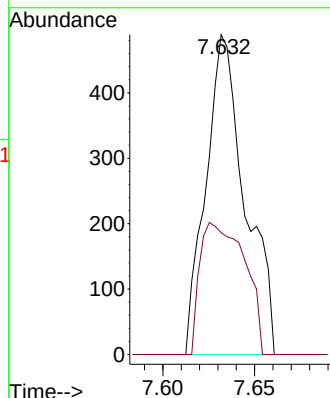
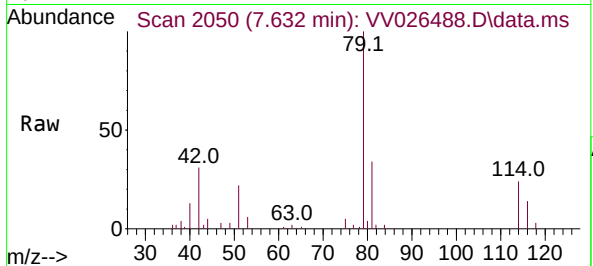




#44
trans-1,3-Dichloropropene
Concen: 0.076 ug/L
RT: 7.632 min Scan# 2057
Delta R.T. -0.023 min
Lab File: VV026488.D
Acq: 21 Jun 2022 15:06

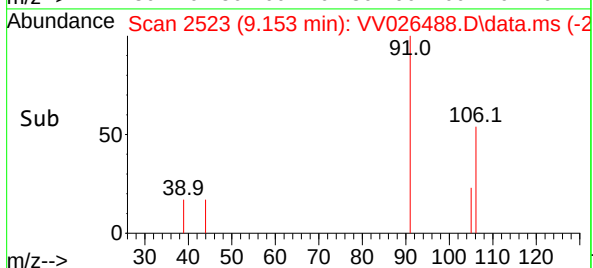
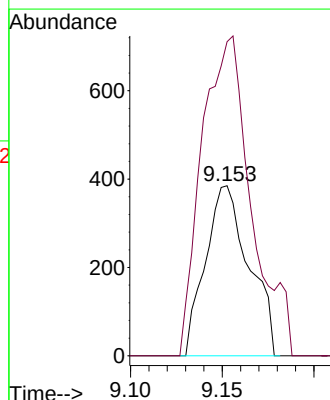
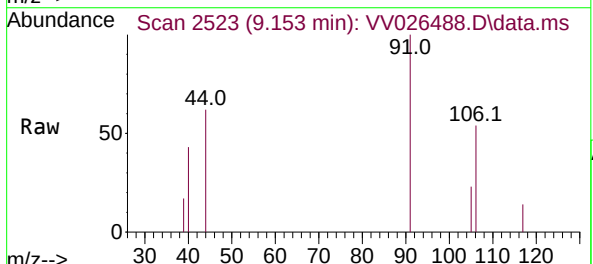
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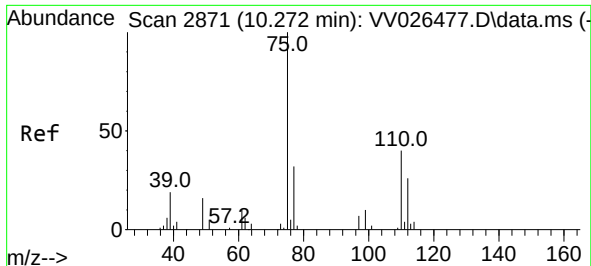
Tgt Ion: 75 Resp: 727
Ion Ratio Lower Upper
75 100
77 38.0 23.7 43.9



#53
m,p-Xylene
Concen: 0.039 ug/L
RT: 9.153 min Scan# 2523
Delta R.T. 0.016 min
Lab File: VV026488.D
Acq: 21 Jun 2022 15:06

Tgt Ion: 106 Resp: 635
Ion Ratio Lower Upper
106 100
91 184.7 141.3 262.3

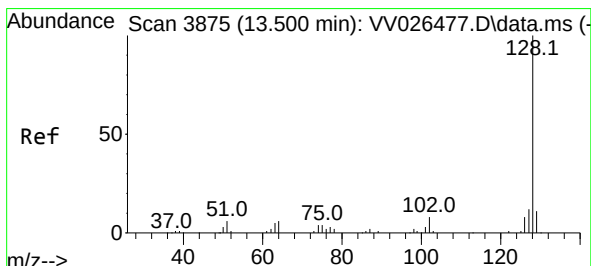
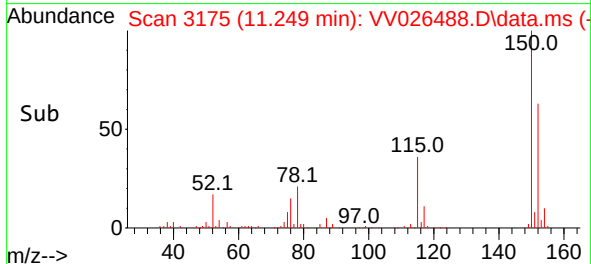
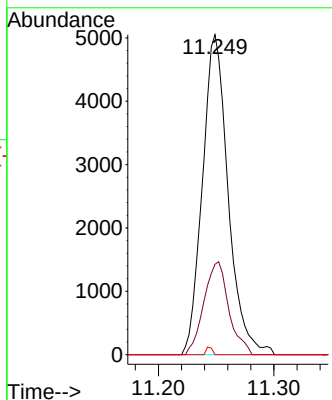
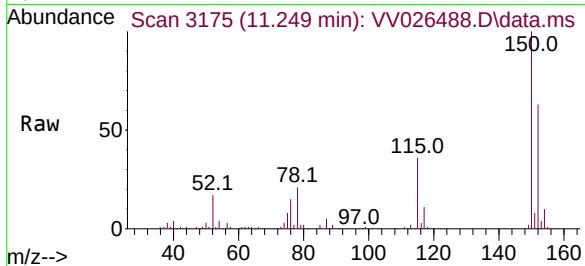




#61
1,2,3-Trichloropropane
Concen: 1.872 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.977 min
Lab File: VV026488.D
Acq: 21 Jun 2022 15:06

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 7813
Ion Ratio Lower Upper
75 100
77 28.1 26.9 40.3
110 0.6 30.7 46.1#



#71
Naphthalene
Concen: 0.148 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.010 min
Lab File: VV026488.D
Acq: 21 Jun 2022 15:06

Tgt Ion: 128 Resp: 1843
Ion Ratio Lower Upper
128 100
129 9.6 8.7 13.1
127 3.6 10.6 16.0#

