

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062122\
 Data File : VW026482.D
 Acq On : 21 Jun 2022 12:44
 Operator : SY/MD
 Sample : N3345-08
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 22 04:41:55 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)

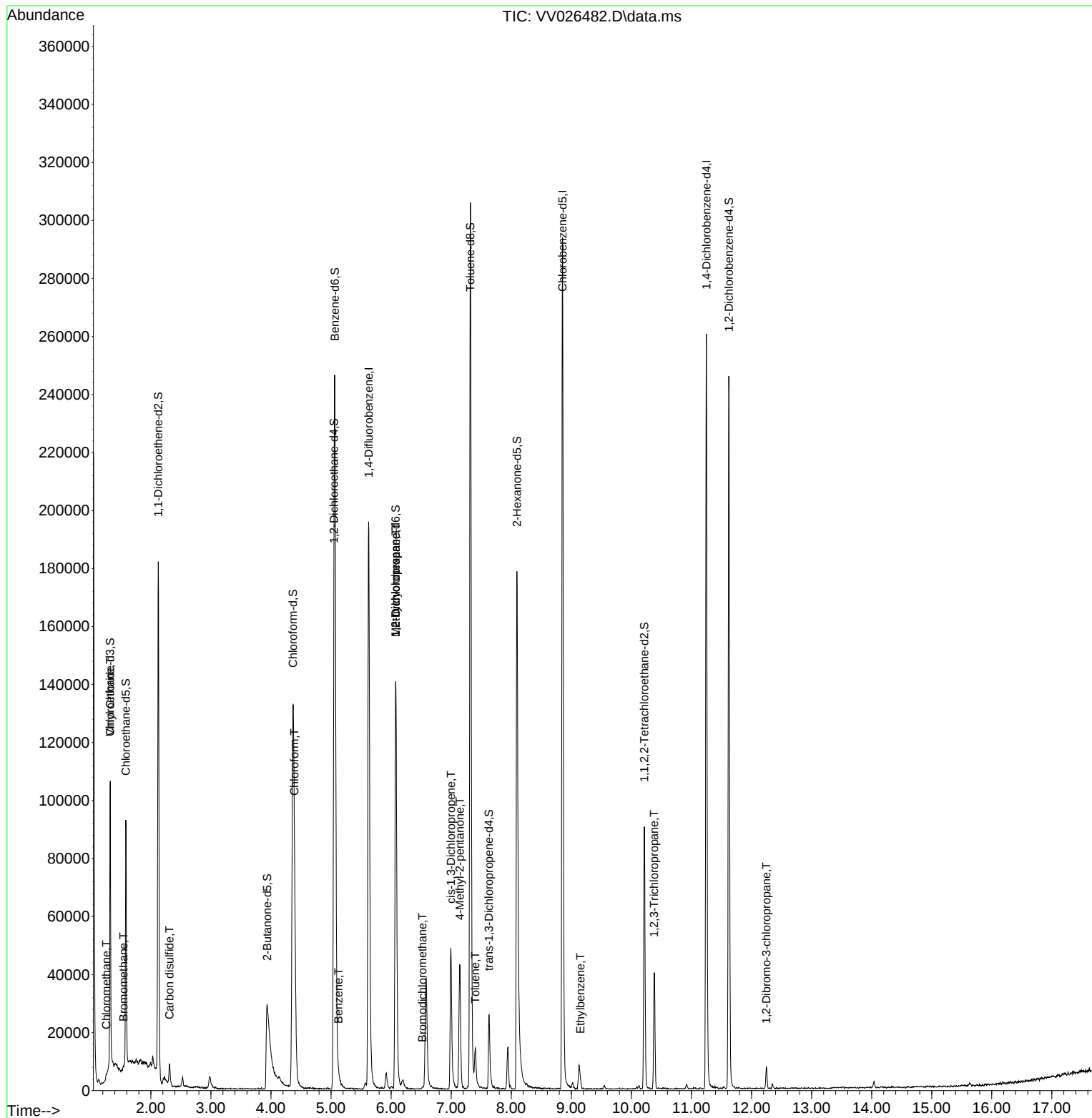
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	178614	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	172778	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	70786	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.323	65	62593	4.035	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.600%
7) Chloroethane-d5	1.584	69	54651	4.480	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.600%
11) 1,1-Dichloroethene-d2	2.124	63	94551	3.549	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.000%
20) 2-Butanone-d5	3.937	46	80443	53.140	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.280%
24) Chloroform-d	4.365	84	128494	5.651	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.000%
26) 1,2-Dichloroethane-d4	5.047	65	50257	5.224	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.400%
32) Benzene-d6	5.063	84	238969	5.173	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.400%
36) 1,2-Dichloropropane-d6	6.076	67	74058	5.493	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.800%
41) Toluene-d8	7.320	98	208945	4.961	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.200%
43) trans-1,3-Dichloroprop...	7.629	79	16621	3.802	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.000%
46) 2-Hexanone-d5	8.095	63	65948	49.940	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.880%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	44701	5.382	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	62526	5.735	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.259	50	719	0.048	ug/L	96
6) Bromomethane	1.542	94	742	0.086	ug/L	82
8) Chloroethane	1.323	64	2298	0.240	ug/L	99
14) Carbon disulfide	2.311	76	8494	0.305	ug/L	100
25) Chloroform	4.391	83	53847	2.378	ug/L	99
33) Benzene	5.124	78	2139	0.048	ug/L	100
35) Methylcyclohexane	6.076	83	17735	1.060	ug/L #	20
37) 1,2-Dichloropropane	6.079	63	7503	0.648	ug/L #	88
38) Bromodichloromethane	6.523	83	660	0.047	ug/L #	87
39) cis-1,3-Dichloropropene	6.995	75	1340	0.101	ug/L #	62
40) 4-Methyl-2-pentanone	7.143	43	18478	4.338	ug/L #	43
42) Toluene	7.404	91	10899	0.234	ug/L	95
52) Ethylbenzene	9.153	91	2329	0.050	ug/L	91
61) 1,2,3-Trichloropropane	10.378	75	286	0.062	ug/L #	39
68) 1,2-Dibromo-3-chloropr...	12.246	75	177	0.218	ug/L #	3

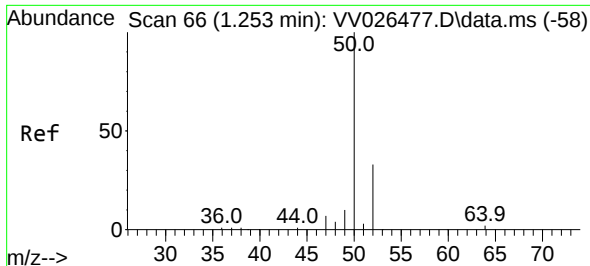
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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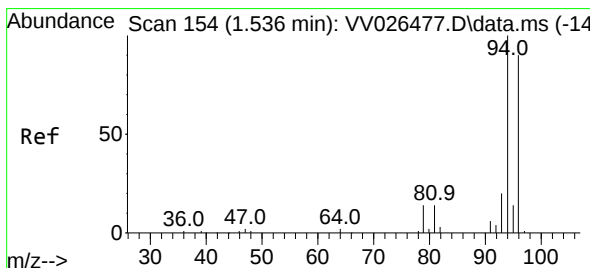
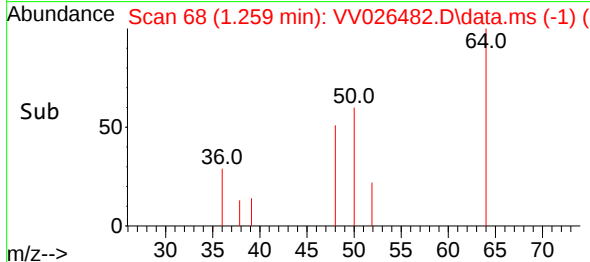
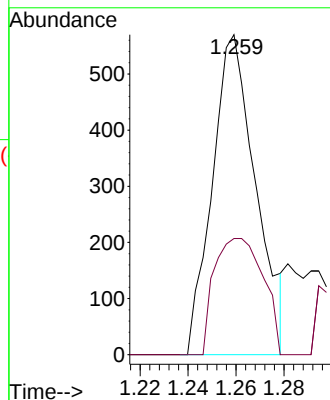
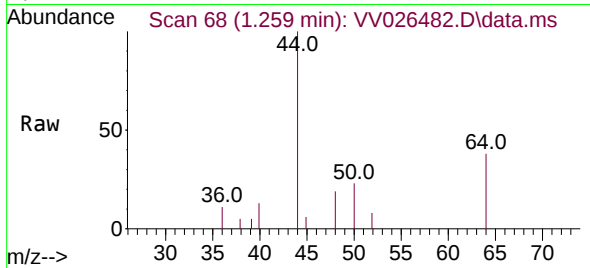




#3
Chloromethane
Concen: 0.048 ug/L
RT: 1.259 min Scan# 61
Delta R.T. 0.006 min
Lab File: VV026482.D
Acq: 21 Jun 2022 12:44

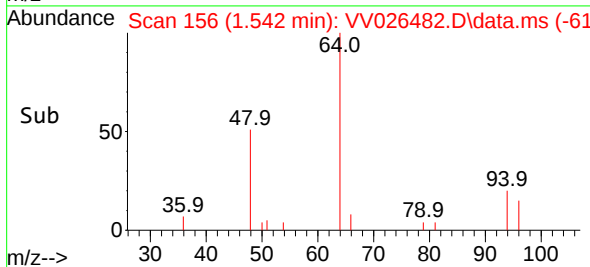
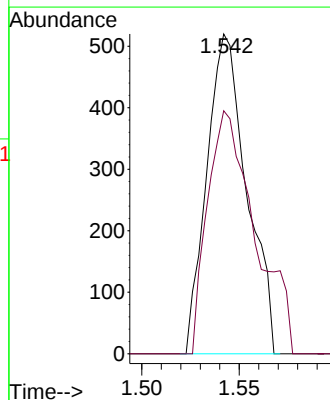
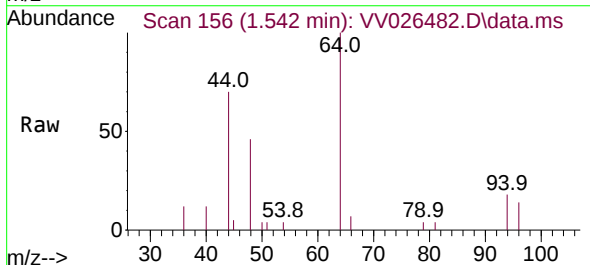
Instrument :
MSVOA_V
ClientSampleId :

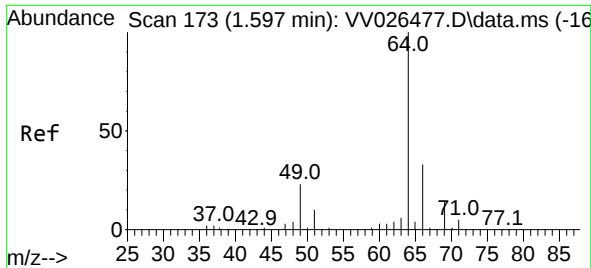
Tgt Ion: 50 Resp: 719
Ion Ratio Lower Upper
50 100
52 36.3 23.7 44.1



#6
Bromomethane
Concen: 0.086 ug/L
RT: 1.542 min Scan# 156
Delta R.T. 0.006 min
Lab File: VV026482.D
Acq: 21 Jun 2022 12:44

Tgt Ion: 94 Resp: 742
Ion Ratio Lower Upper
94 100
96 76.0 65.7 121.9





#8

Chloroethane

Concen: 0.240 ug/L

RT: 1.323 min Scan# 81

Delta R.T. -0.273 min

Lab File: VV026482.D

Acq: 21 Jun 2022 12:44

Instrument :

MSVOA_V

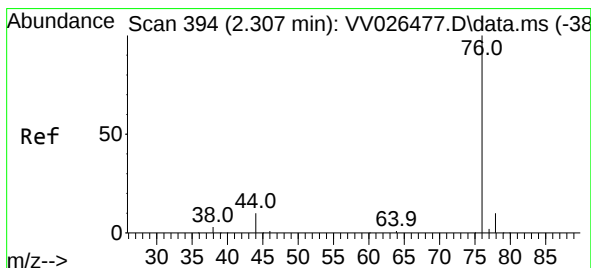
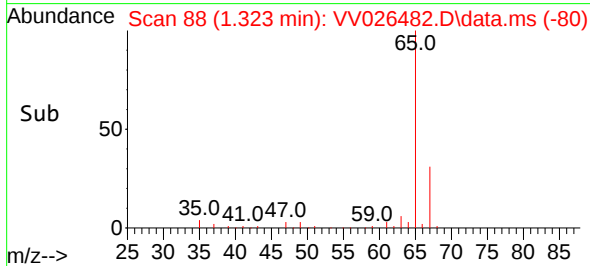
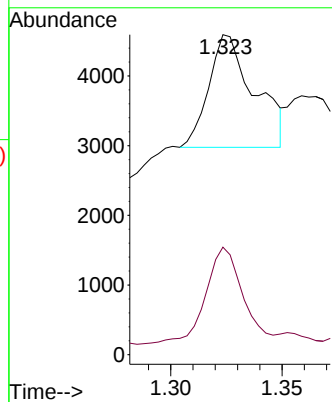
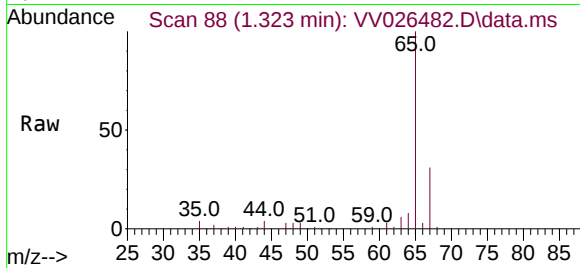
ClientSampleId :

Tgt Ion: 64 Resp: 2298

Ion Ratio Lower Upper

64 100

66 33.6 24.1 44.7



#14

Carbon disulfide

Concen: 0.305 ug/L

RT: 2.311 min Scan# 395

Delta R.T. 0.003 min

Lab File: VV026482.D

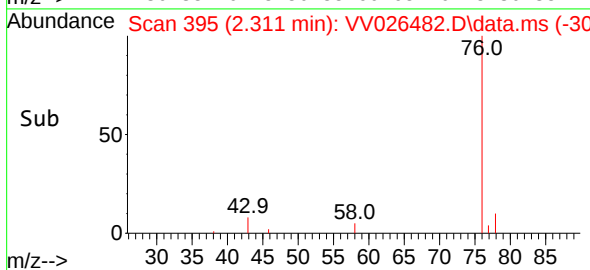
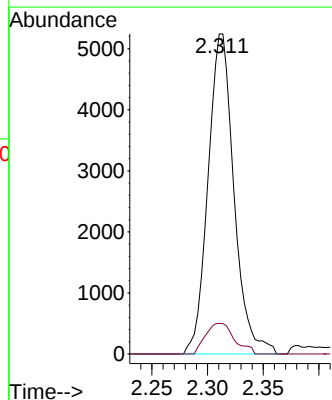
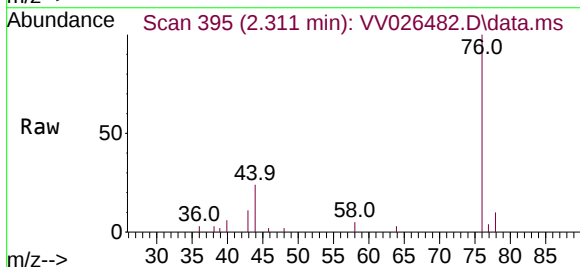
Acq: 21 Jun 2022 12:44

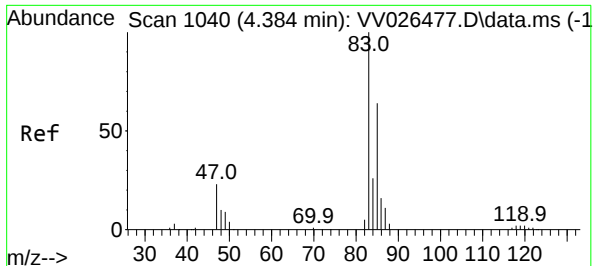
Tgt Ion: 76 Resp: 8494

Ion Ratio Lower Upper

76 100

78 9.6 7.7 11.5





#25

Chloroform

Concen: 2.378 ug/L

RT: 4.391 min Scan# 11

Delta R.T. 0.006 min

Lab File: VV026482.D

Acq: 21 Jun 2022 12:44

Instrument :

MSVOA_V

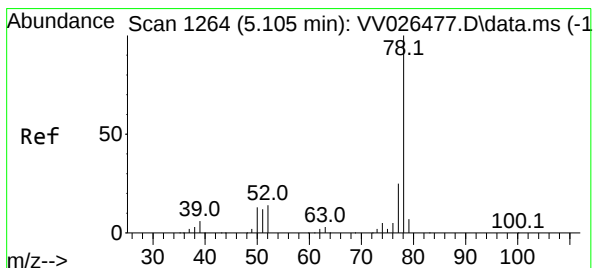
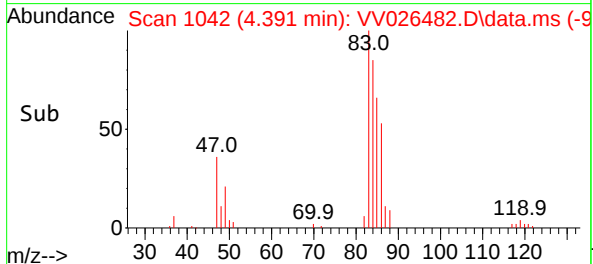
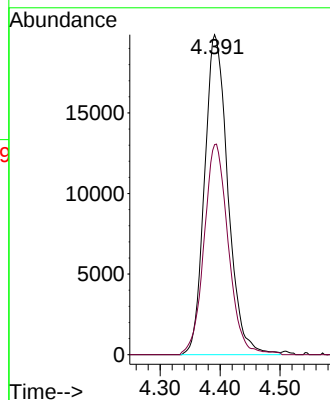
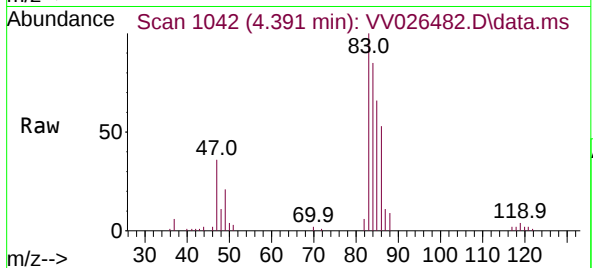
ClientSampleId :

Tgt Ion: 83 Resp: 53847

Ion Ratio Lower Upper

83 100

85 65.7 46.5 86.3



#33

Benzene

Concen: 0.048 ug/L

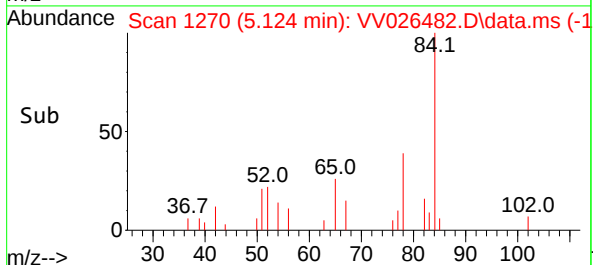
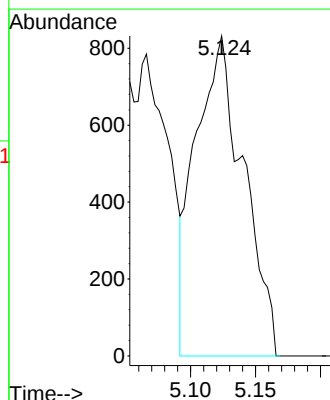
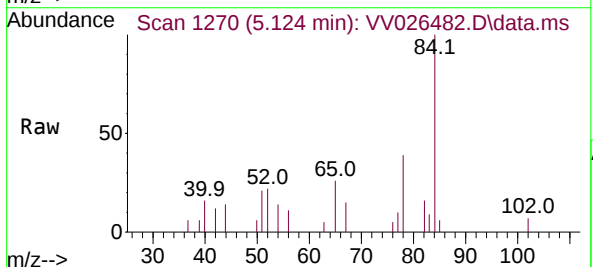
RT: 5.124 min Scan# 1270

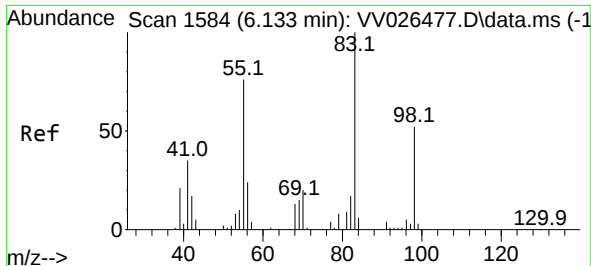
Delta R.T. 0.019 min

Lab File: VV026482.D

Acq: 21 Jun 2022 12:44

Tgt Ion: 78 Resp: 2139





#35

Methylcyclohexane

Concen: 1.060 ug/L

RT: 6.076 min Scan# 1566

Delta R.T. -0.058 min

Lab File: VV026482.D

Acq: 21 Jun 2022 12:44

Instrument :

MSVOA_V

ClientSampleId :

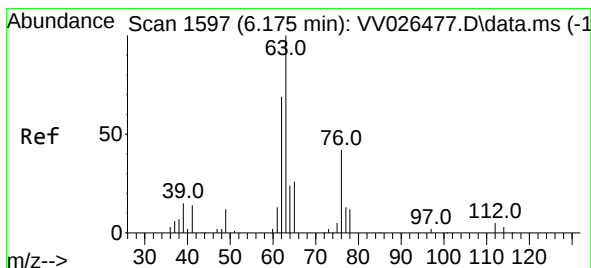
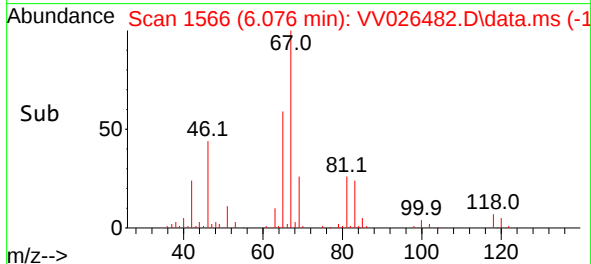
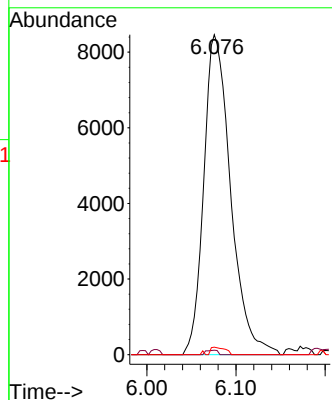
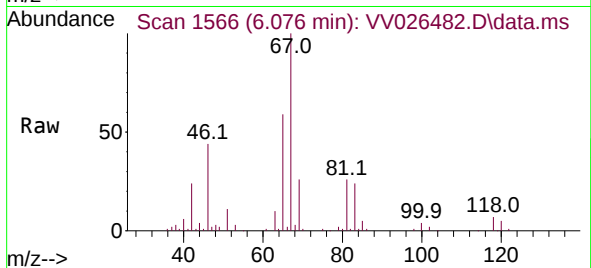
Tgt Ion: 83 Resp: 17735

Ion Ratio Lower Upper

83 100

55 0.6 59.3 88.9#

98 1.2 39.9 59.9#



#37

1,2-Dichloropropane

Concen: 0.648 ug/L

RT: 6.079 min Scan# 1567

Delta R.T. -0.096 min

Lab File: VV026482.D

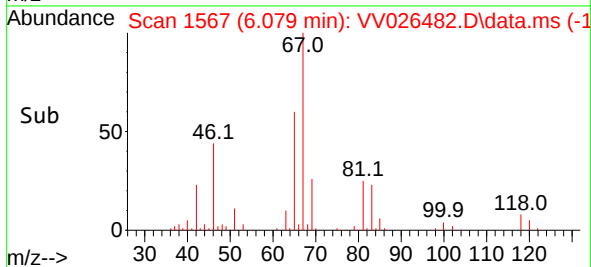
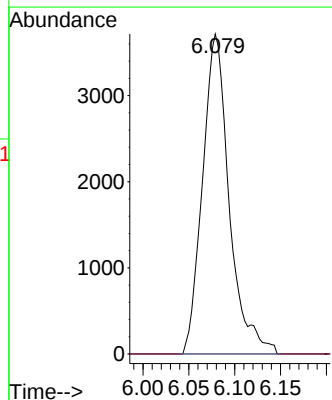
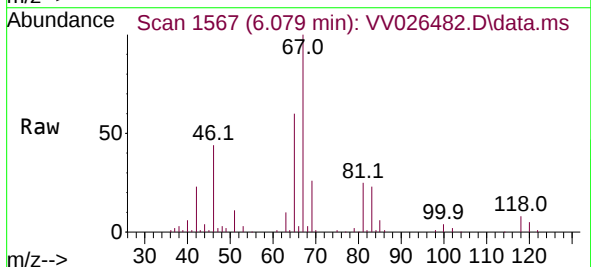
Acq: 21 Jun 2022 12:44

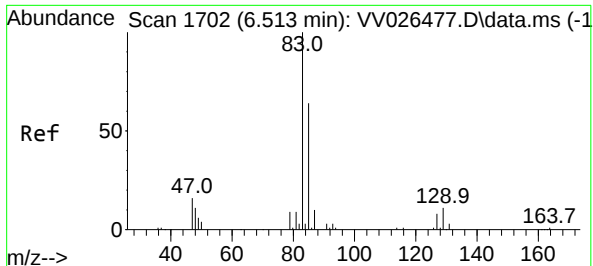
Tgt Ion: 63 Resp: 7503

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#

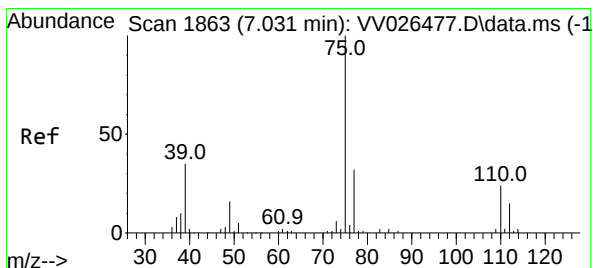
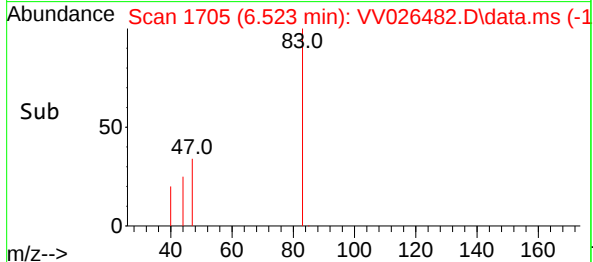
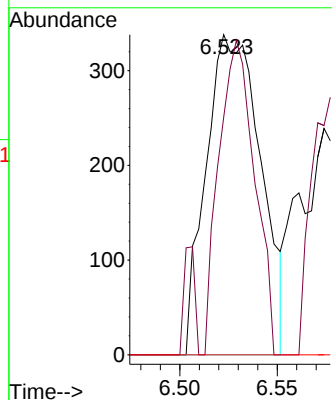
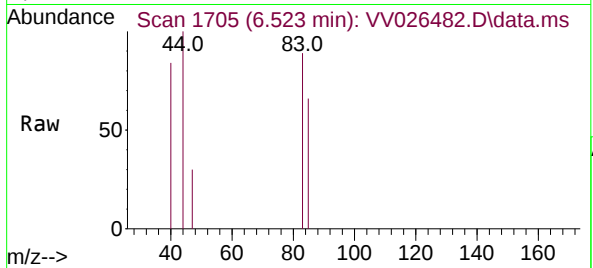




#38
Bromodichloromethane
Concen: 0.047 ug/L
RT: 6.523 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV026482.D
Acq: 21 Jun 2022 12:44

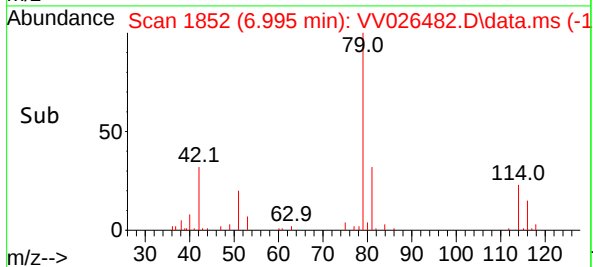
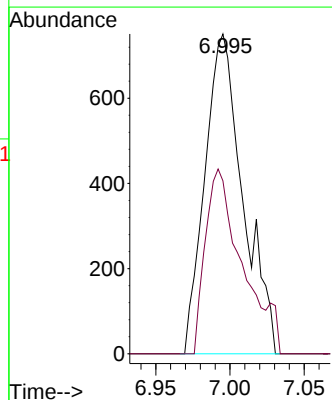
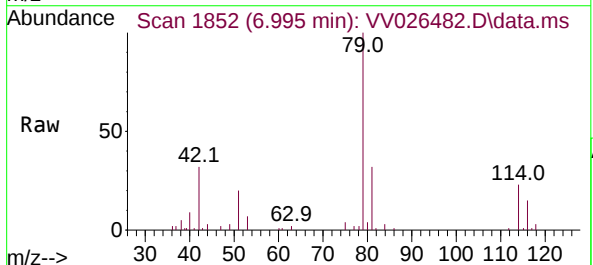
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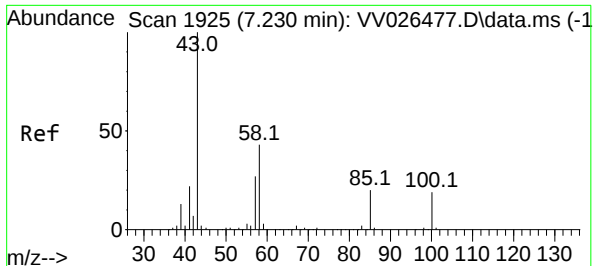
Tgt Ion: 83 Resp: 660
Ion Ratio Lower Upper
83 100
85 74.3 45.6 84.6
127 0.0 7.2 10.8#



#39
cis-1,3-Dichloropropene
Concen: 0.101 ug/L
RT: 6.995 min Scan# 1852
Delta R.T. -0.035 min
Lab File: VV026482.D
Acq: 21 Jun 2022 12:44

Tgt Ion: 75 Resp: 1340
Ion Ratio Lower Upper
75 100
77 54.1 23.0 42.6#





#40

4-Methyl-2-pentanone

Concen: 4.338 ug/L

RT: 7.143 min Scan# 1898

Delta R.T. -0.087 min

Lab File: VV026482.D

Acq: 21 Jun 2022 12:44

Instrument :

MSVOA_V

ClientSampleId :

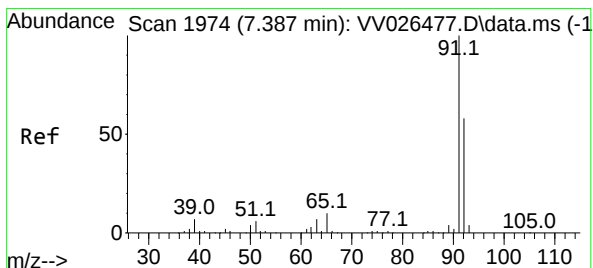
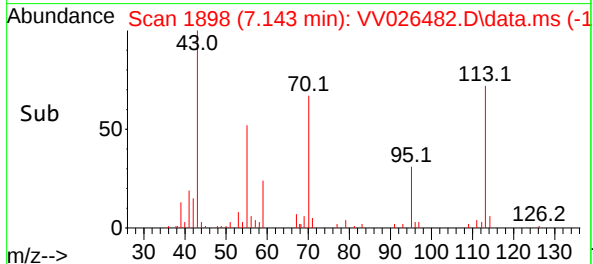
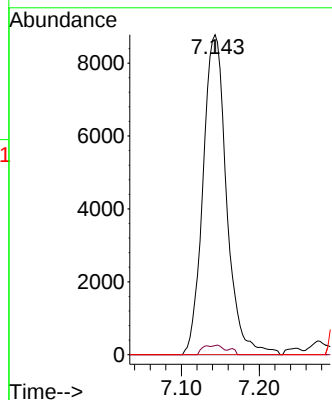
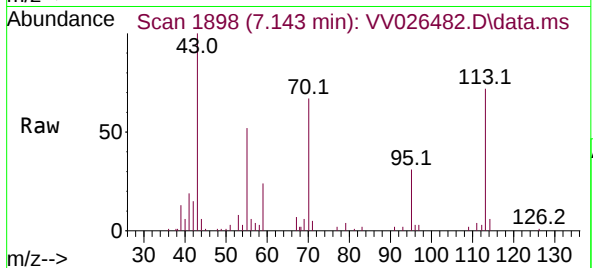
Tgt Ion: 43 Resp: 18478

Ion Ratio Lower Upper

43 100

58 1.2 33.3 49.9#

100 0.0 13.4 20.2#



#42

Toluene

Concen: 0.234 ug/L

RT: 7.404 min Scan# 1979

Delta R.T. 0.016 min

Lab File: VV026482.D

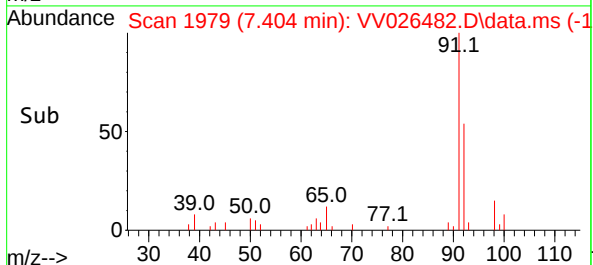
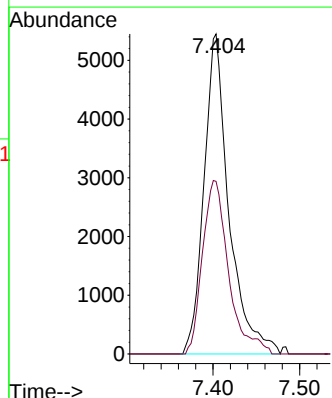
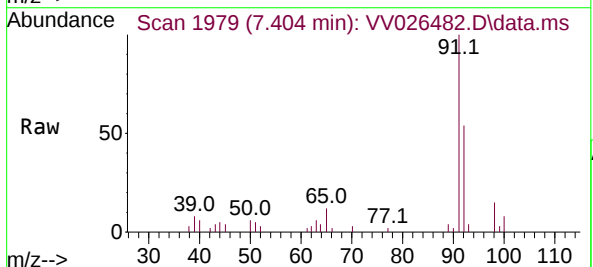
Acq: 21 Jun 2022 12:44

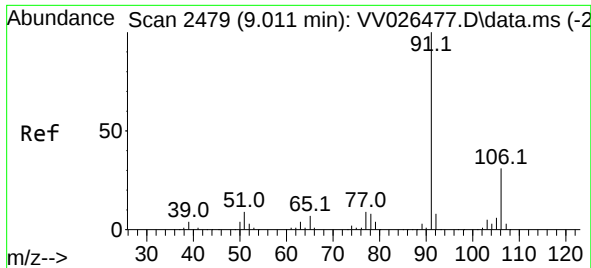
Tgt Ion: 91 Resp: 10899

Ion Ratio Lower Upper

91 100

92 54.0 40.1 74.5





#52

Ethylbenzene

Concen: 0.050 ug/L

RT: 9.153 min Scan# 21

Delta R.T. 0.142 min

Lab File: VV026482.D

Acq: 21 Jun 2022 12:44

Instrument :

MSVOA_V

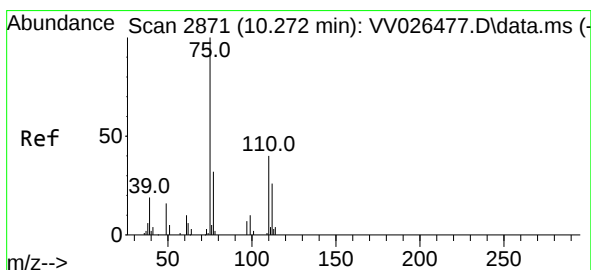
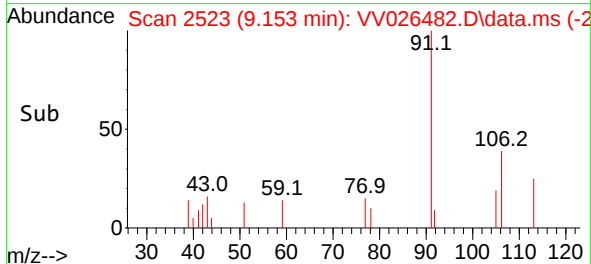
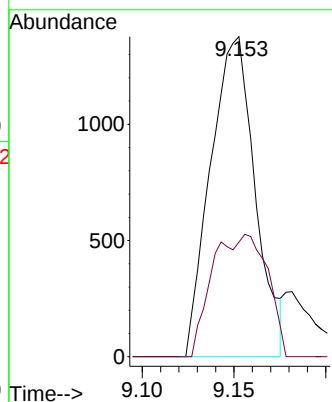
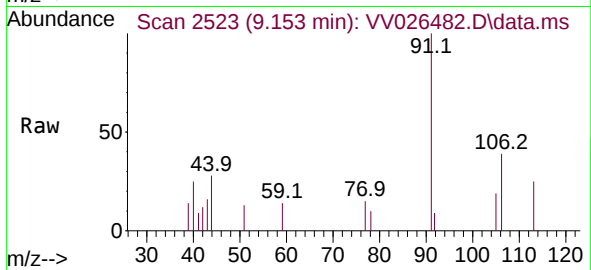
ClientSampleId :

Tgt Ion: 91 Resp: 2329

Ion Ratio Lower Upper

91 100

106 35.8 21.6 40.0



#61

1,2,3-Trichloropropane

Concen: 0.062 ug/L

RT: 10.378 min Scan# 2904

Delta R.T. 0.106 min

Lab File: VV026482.D

Acq: 21 Jun 2022 12:44

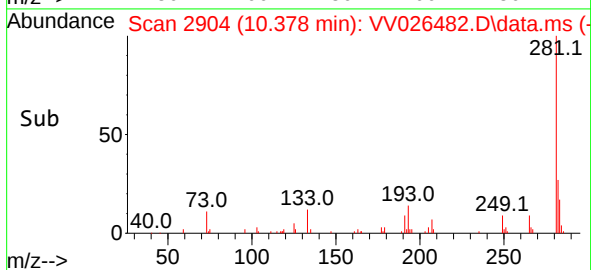
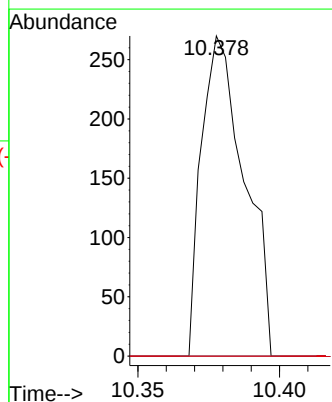
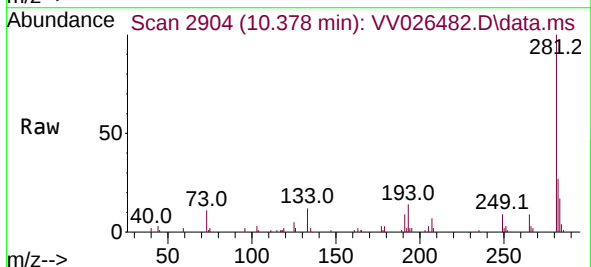
Tgt Ion: 75 Resp: 286

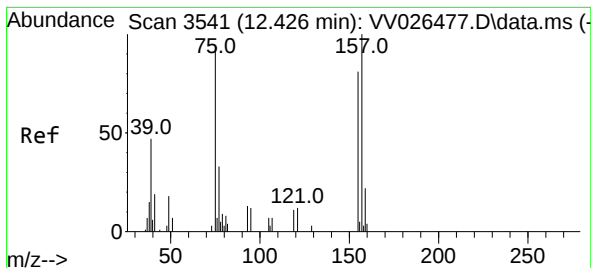
Ion Ratio Lower Upper

75 100

77 0.0 26.9 40.3#

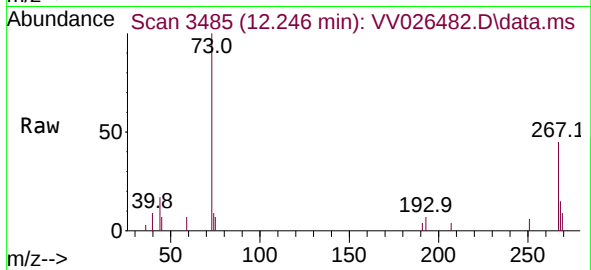
110 0.0 30.7 46.1#





#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.218 ug/L
 RT: 12.246 min Scan# 34
 Delta R.T. -0.180 min
 Lab File: VV026482.D
 Acq: 21 Jun 2022 12:44

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 177
 Ion Ratio Lower Upper
 75 100
 155 0.0 63.7 95.5#
 157 0.0 85.0 127.6#

