

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041522\
 Data File : VW025583.D
 Acq On : 15 Apr 2022 22:20
 Operator : SY/MD
 Sample : N2438-02
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

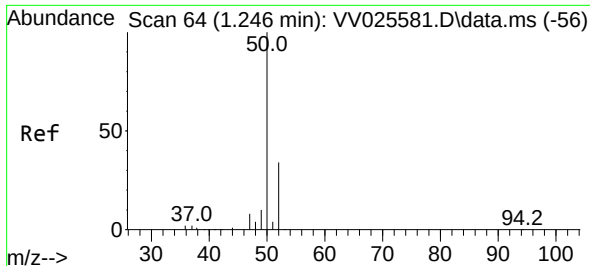
Instrument :
 MSVOA_V
 ClientSampleId :
 EW6R8

Quant Time: Apr 16 04:48:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 16 04:36:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	133491	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	134697	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	59456	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.314	65	45116	3.635	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.800%
7) Chloroethane-d5	1.574	69	47273	3.580	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.600%
11) 1,1-Dichloroethene-d2	2.114	63	71257	2.866	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.400%#
20) 2-Butanone-d5	3.905	46	83554	55.347	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.700%
24) Chloroform-d	4.355	84	87488	4.665	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
26) 1,2-Dichloroethane-d4	5.037	65	41804	5.173	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.400%
32) Benzene-d6	5.053	84	162114	4.160	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.200%
36) 1,2-Dichloropropane-d6	6.072	67	51108	4.702	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.000%
41) Toluene-d8	7.317	98	133175	3.682	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.600%
43) trans-1,3-Dichloroprop...	7.628	79	14524	3.976	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.600%
46) 2-Hexanone-d5	8.091	63	53942	42.071	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.140%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	29324	4.270	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	45311	4.545	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.246	50	493	0.038	ug/L	97
16) Methylene chloride	2.516	84	6892	0.614	ug/L	92
27) 1,2-Dichloroethane	5.059	62	1017	0.111	ug/L #	71
35) Methylcyclohexane	6.072	83	12309	0.730	ug/L #	22
37) 1,2-Dichloropropane	6.072	63	6105	0.663	ug/L #	85
42) Toluene	7.391	91	48629	1.124	ug/L	98
47) Tetrachloroethene	7.979	164	683	0.083	ug/L #	80
49) Dibromochloromethane	7.979	129	677	0.100	ug/L #	11
52) Ethylbenzene	9.018	91	5383	0.117	ug/L	97
53) m,p-Xylene	9.143	106	11581	0.660	ug/L	99
54) o-Xylene	9.548	106	1691	0.099	ug/L	100
60) Isopropylbenzene	10.452	105	1575	0.043	ug/L	92
61) 1,2,3-Trichloropropane	10.384	75	251	0.064	ug/L #	22
63) 1,2,4-Trimethylbenzene	10.918	105	2277	0.077	ug/L	89
68) 1,2-Dibromo-3-chloropr...	12.246	75	215	0.318	ug/L #	2

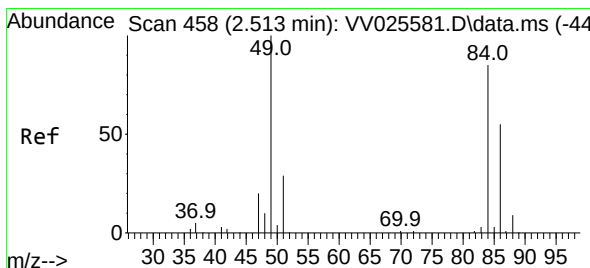
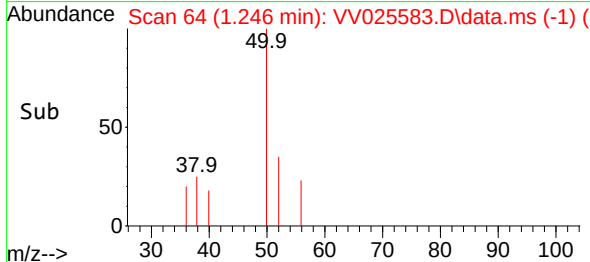
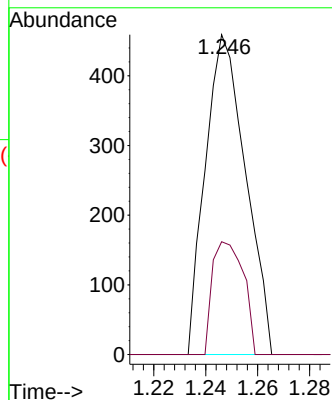
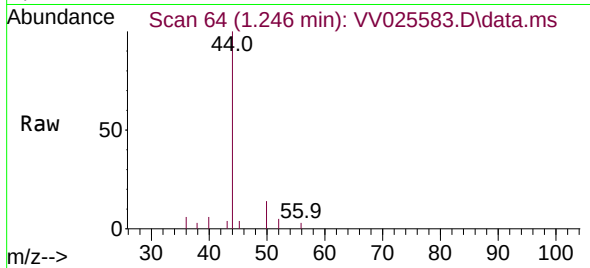
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#3
Chloromethane
Concen: 0.038 ug/L
RT: 1.246 min Scan# 64
Delta R.T. 0.000 min
Lab File: VV025583.D
Acq: 15 Apr 2022 22:20

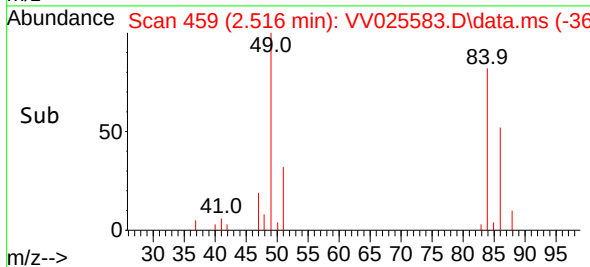
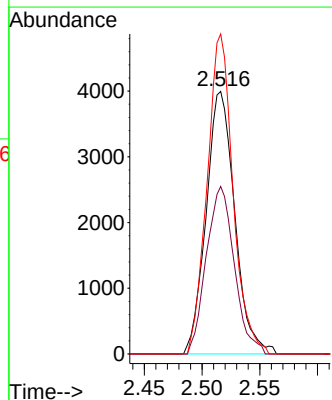
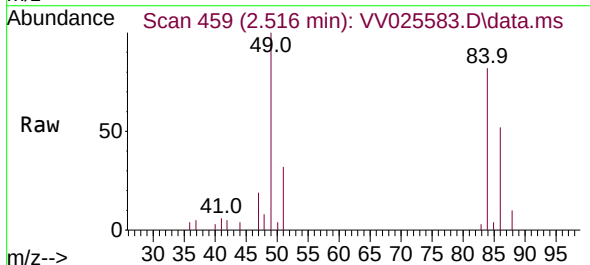
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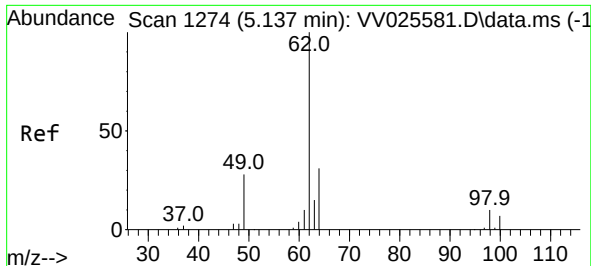
Tgt Ion: 50 Resp: 493
Ion Ratio Lower Upper
50 100
52 35.3 23.7 43.9



#16
Methylene chloride
Concen: 0.614 ug/L
RT: 2.516 min Scan# 459
Delta R.T. 0.003 min
Lab File: VV025583.D
Acq: 15 Apr 2022 22:20

Tgt Ion: 84 Resp: 6892
Ion Ratio Lower Upper
84 100
86 63.8 45.9 85.3
49 121.8 76.6 142.3





#27

1,2-Dichloroethane

Concen: 0.111 ug/L

RT: 5.059 min Scan# 1

Delta R.T. -0.077 min

Lab File: VV025583.D

Acq: 15 Apr 2022 22:20

Instrument :

MSVOA_V

ClientSampleId :

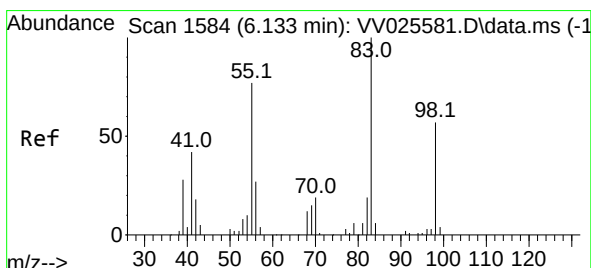
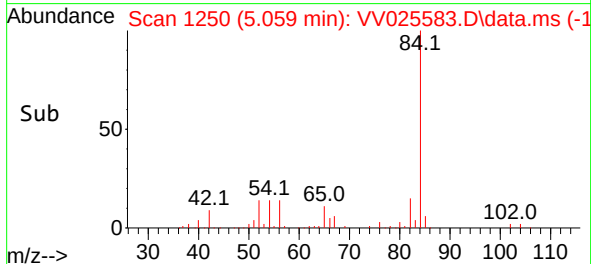
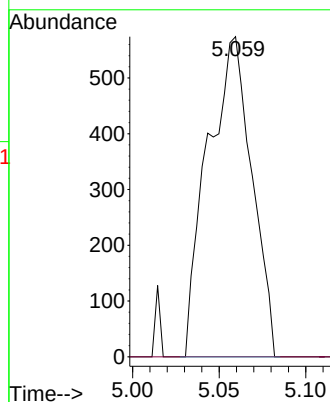
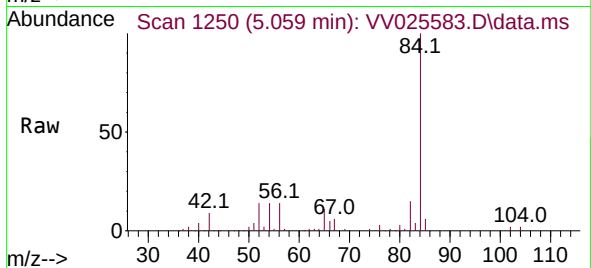
EW6R8

Tgt Ion: 62 Resp: 1017

Ion Ratio Lower Upper

62 100

98 0.0 8.8 13.2#



#35

Methylcyclohexane

Concen: 0.730 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.061 min

Lab File: VV025583.D

Acq: 15 Apr 2022 22:20

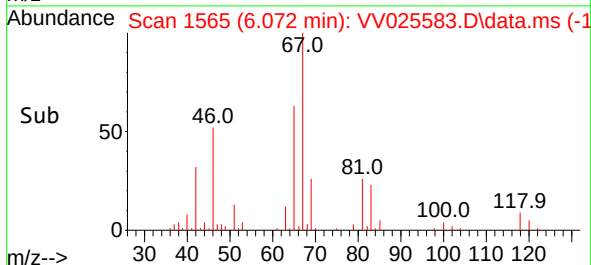
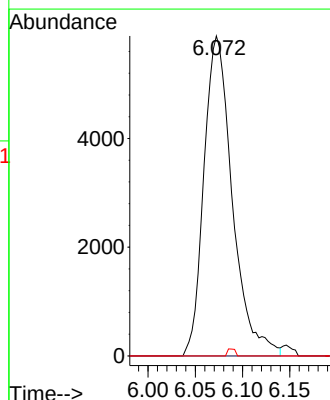
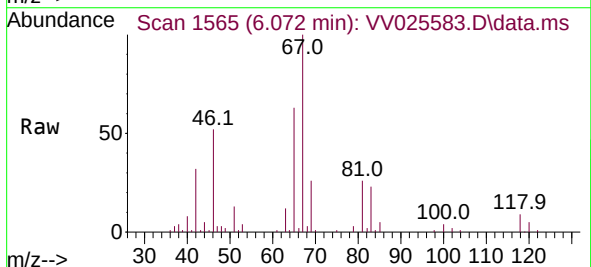
Tgt Ion: 83 Resp: 12309

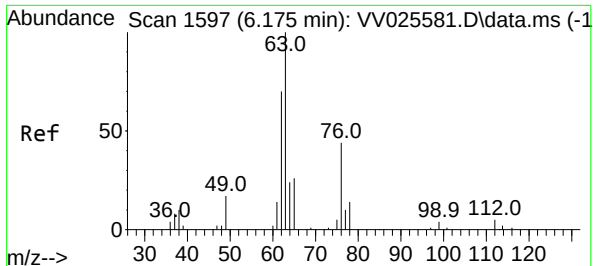
Ion Ratio Lower Upper

83 100

55 0.0 53.7 80.5#

98 0.6 39.6 59.4#





#37

1,2-Dichloropropane

Concen: 0.663 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV025583.D

Acq: 15 Apr 2022 22:20

Instrument :

MSVOA_V

ClientSampleId :

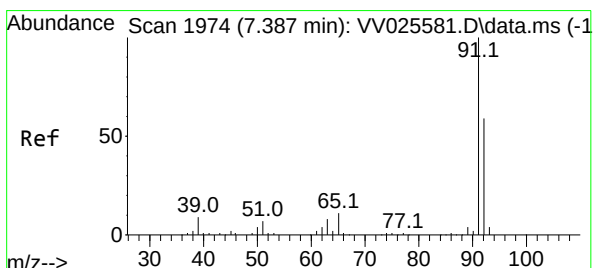
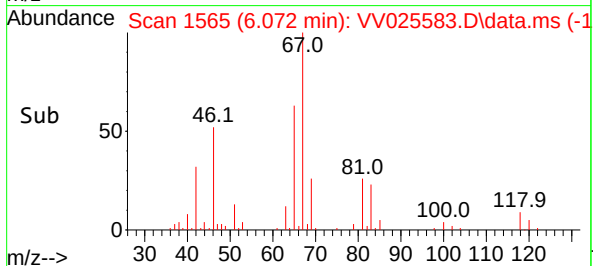
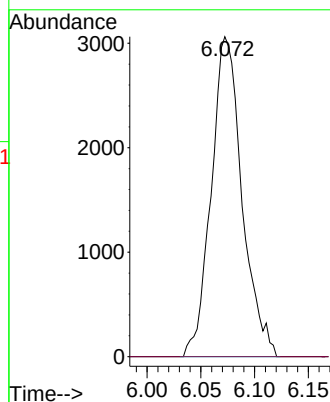
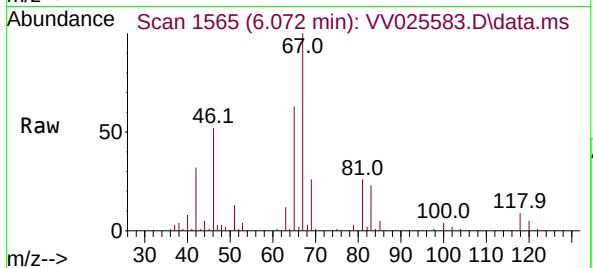
EW6R8

Tgt Ion: 63 Resp: 6105

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#



#42

Toluene

Concen: 1.124 ug/L

RT: 7.391 min Scan# 1975

Delta R.T. 0.003 min

Lab File: VV025583.D

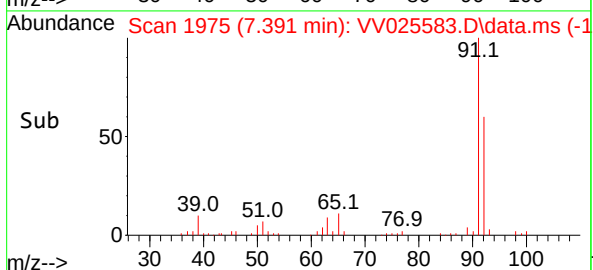
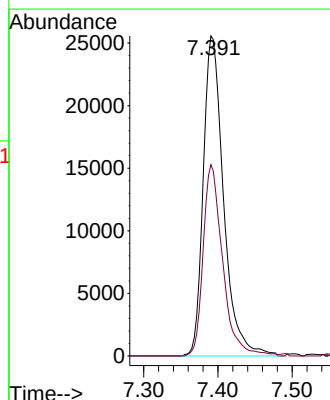
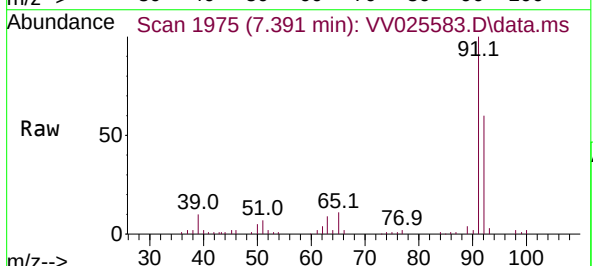
Acq: 15 Apr 2022 22:20

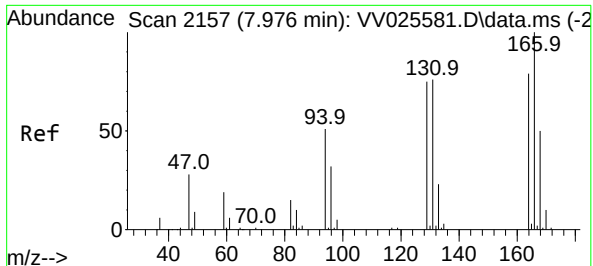
Tgt Ion: 91 Resp: 48629

Ion Ratio Lower Upper

91 100

92 59.8 40.8 75.8





#47

Tetrachloroethene

Concen: 0.083 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.003 min

Lab File: VV025583.D

Acq: 15 Apr 2022 22:20

Instrument :

MSVOA_V

ClientSampleId :

EW6R8

Tgt Ion:164 Resp: 683

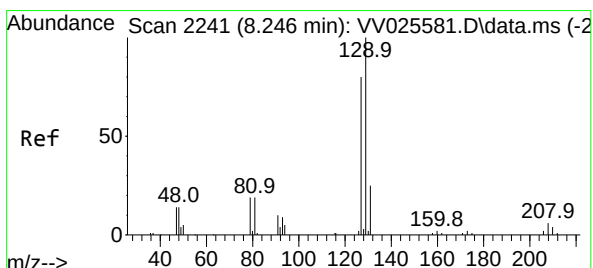
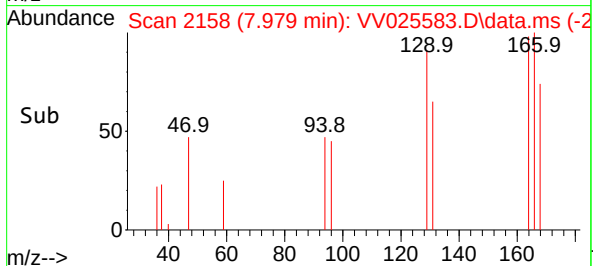
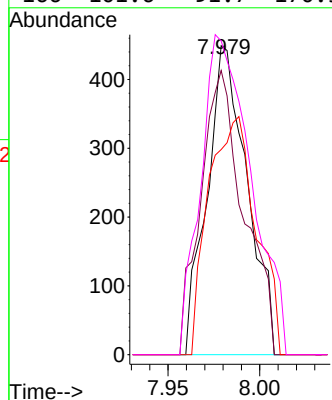
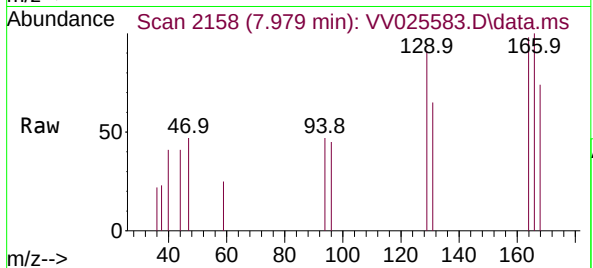
Ion Ratio Lower Upper

164 100

129 92.0 66.8 124.2

131 66.4 66.4 123.4#

166 101.6 91.7 170.3



#49

Dibromochloromethane

Concen: 0.100 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.267 min

Lab File: VV025583.D

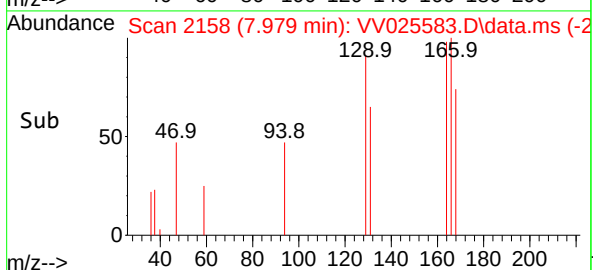
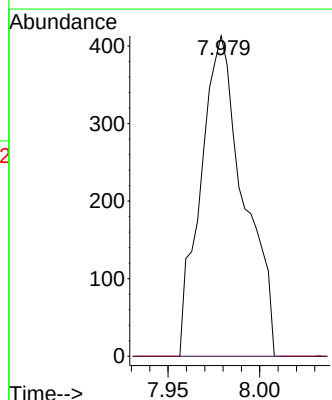
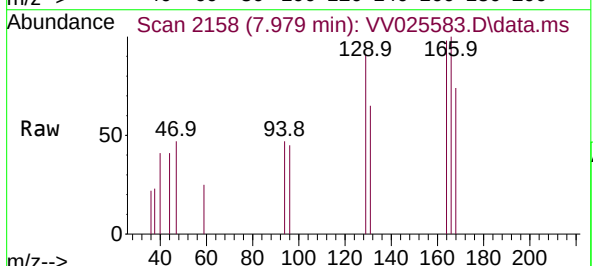
Acq: 15 Apr 2022 22:20

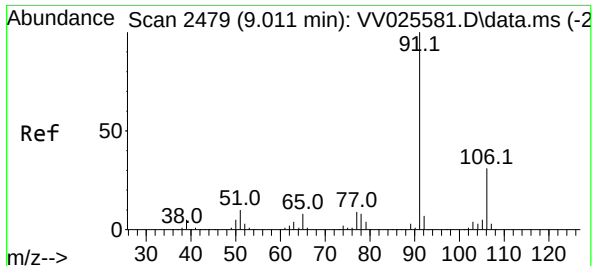
Tgt Ion:129 Resp: 677

Ion Ratio Lower Upper

129 100

127 0.0 53.8 100.0#





#52

Ethylbenzene

Concen: 0.117 ug/L

RT: 9.018 min Scan# 2479

Delta R.T. 0.006 min

Lab File: VV025583.D

Acq: 15 Apr 2022 22:20

Instrument :

MSVOA_V

ClientSampleId :

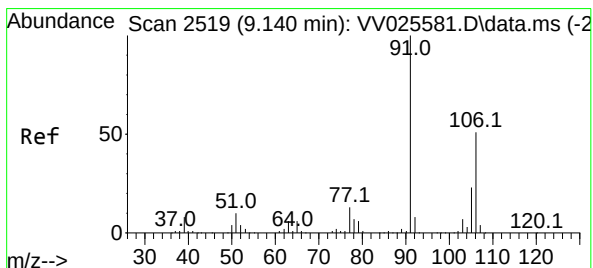
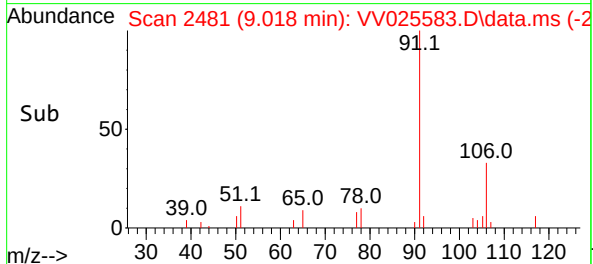
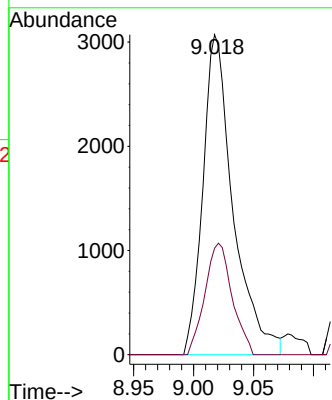
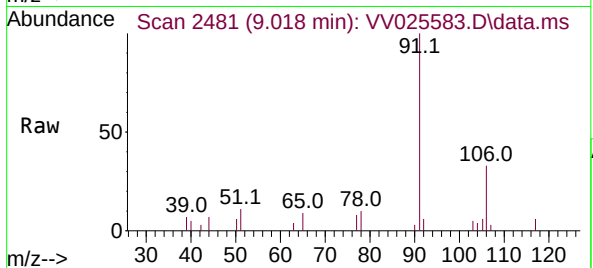
EW6R8

Tgt Ion: 91 Resp: 5383

Ion Ratio Lower Upper

91 100

106 33.3 22.3 41.3



#53

m,p-Xylene

Concen: 0.660 ug/L

RT: 9.143 min Scan# 2520

Delta R.T. 0.003 min

Lab File: VV025583.D

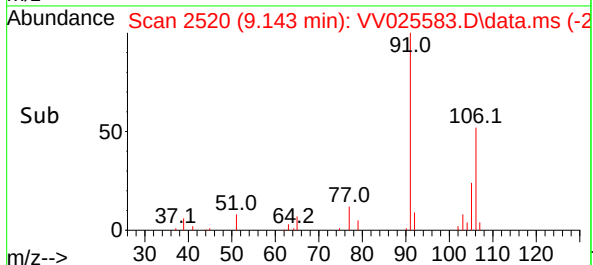
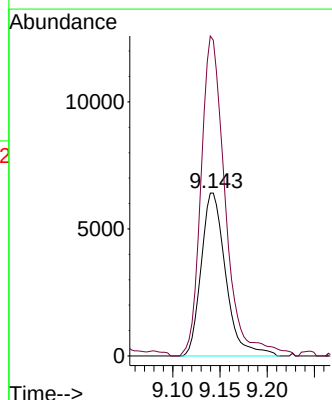
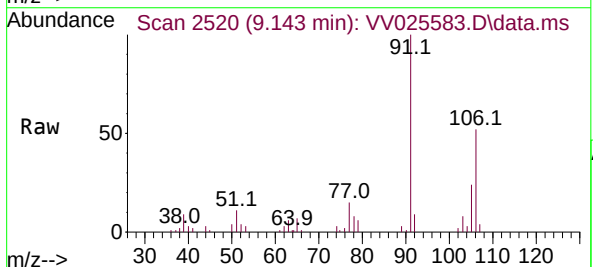
Acq: 15 Apr 2022 22:20

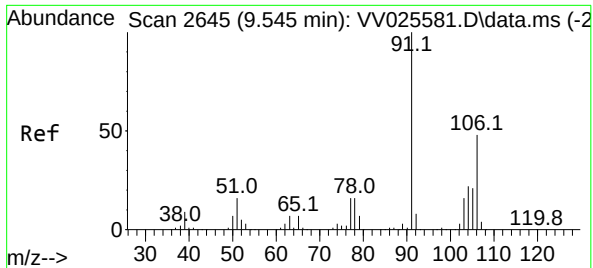
Tgt Ion: 106 Resp: 11581

Ion Ratio Lower Upper

106 100

91 193.8 136.4 253.4

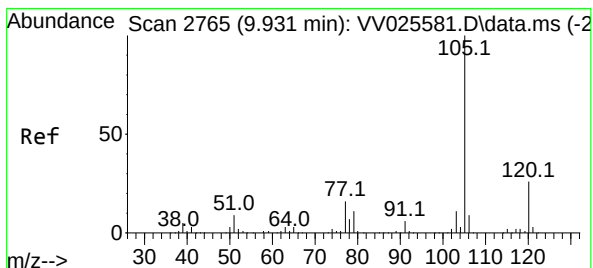
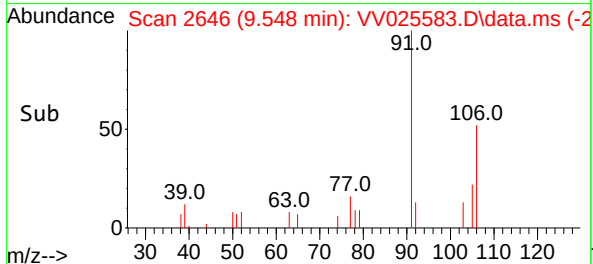
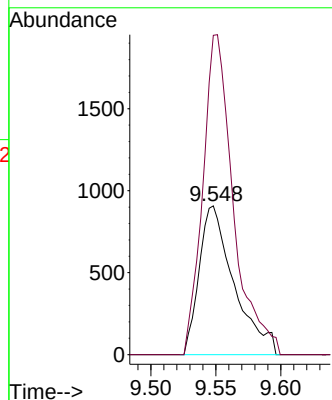
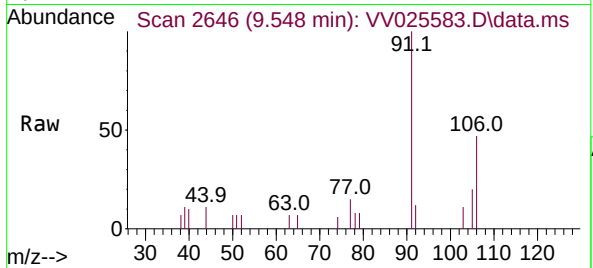




#54
o-Xylene
Concen: 0.099 ug/L
RT: 9.548 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV025583.D
Acq: 15 Apr 2022 22:20

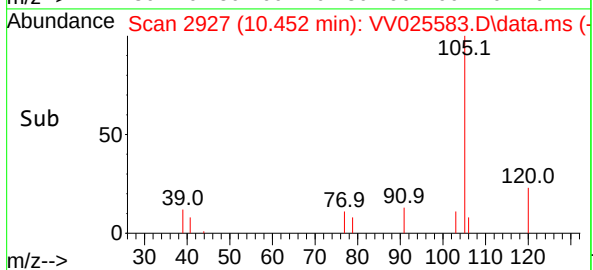
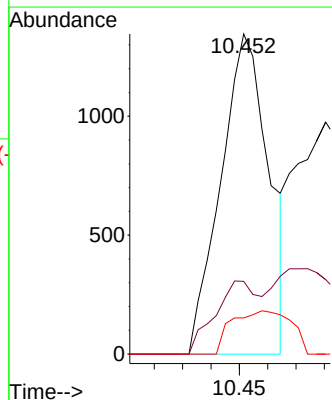
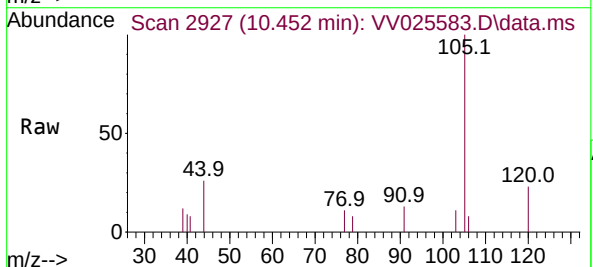
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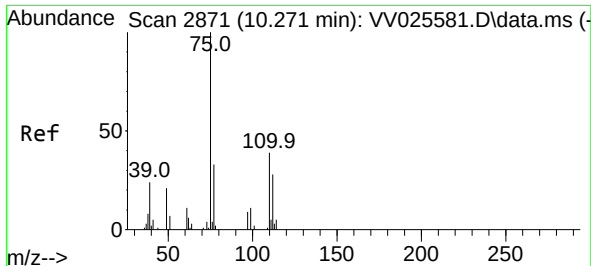
Tgt Ion:106 Resp: 1691
Ion Ratio Lower Upper
106 100
91 214.8 150.4 279.2



#60
Isopropylbenzene
Concen: 0.043 ug/L
RT: 10.452 min Scan# 2927
Delta R.T. 0.521 min
Lab File: VV025583.D
Acq: 15 Apr 2022 22:20

Tgt Ion:105 Resp: 1575
Ion Ratio Lower Upper
105 100
120 21.3 21.2 31.8
77 16.8 12.2 18.2

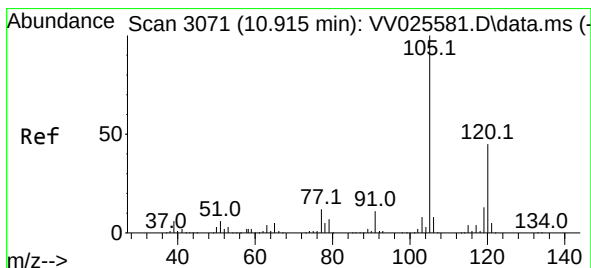
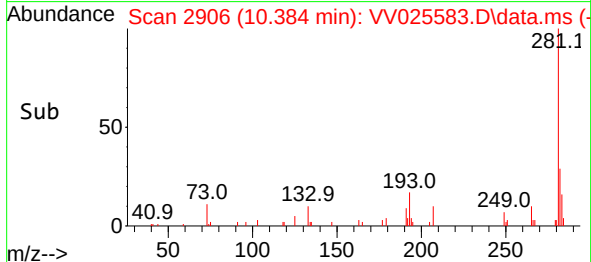
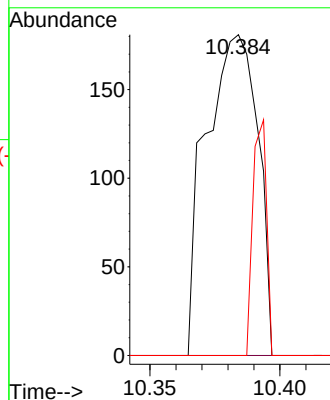
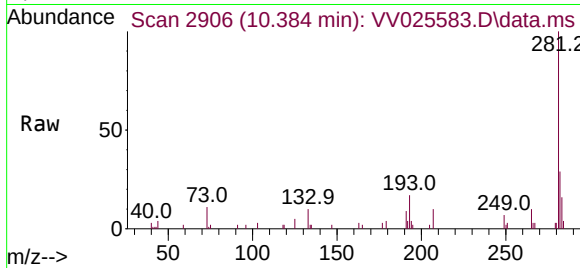




#61
1,2,3-Trichloropropane
Concen: 0.064 ug/L
RT: 10.384 min Scan# 2906
Delta R.T. 0.113 min
Lab File: VV025583.D
Acq: 15 Apr 2022 22:20

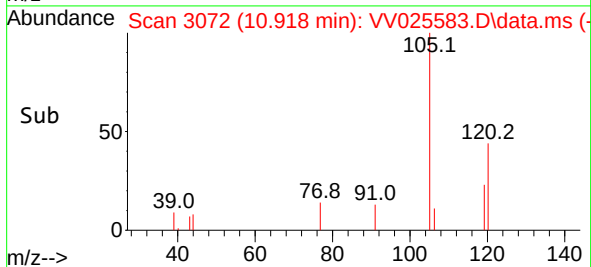
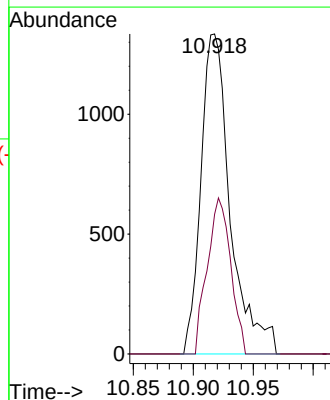
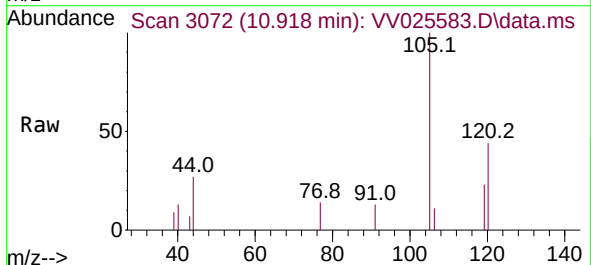
Instrument :
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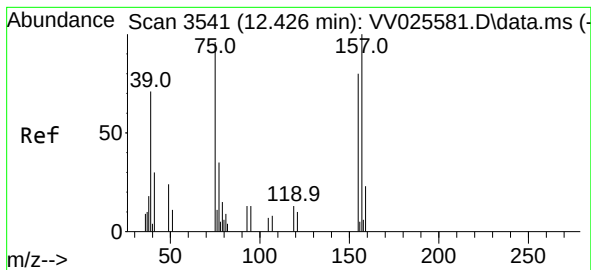
Tgt Ion: 75 Resp: 251
Ion Ratio Lower Upper
75 100
77 105.6 25.6 38.4#
110 19.1 34.7 52.1#



#63
1,2,4-Trimethylbenzene
Concen: 0.077 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.003 min
Lab File: VV025583.D
Acq: 15 Apr 2022 22:20

Tgt Ion: 105 Resp: 2277
Ion Ratio Lower Upper
105 100
120 38.7 36.6 55.0





#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.318 ug/L
 RT: 12.246 min Scan# 34
 Delta R.T. -0.180 min
 Lab File: VV025583.D
 Acq: 15 Apr 2022 22:20

Instrument :
 MSVOA_V
 ClientSampleId :
 EW6R8

Tgt Ion: 75 Resp: 215
 Ion Ratio Lower Upper
 75 100
 155 0.0 65.8 98.8#
 157 0.0 86.6 130.0#

