

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021122\
 Data File : VW024614.D
 Acq On : 11 Feb 2022 19:18
 Operator : SY/MD
 Sample : N1476-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFY00

Quant Time: Feb 12 03:46:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Feb 12 03:41:27 2022
 Response via : Initial Calibration

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

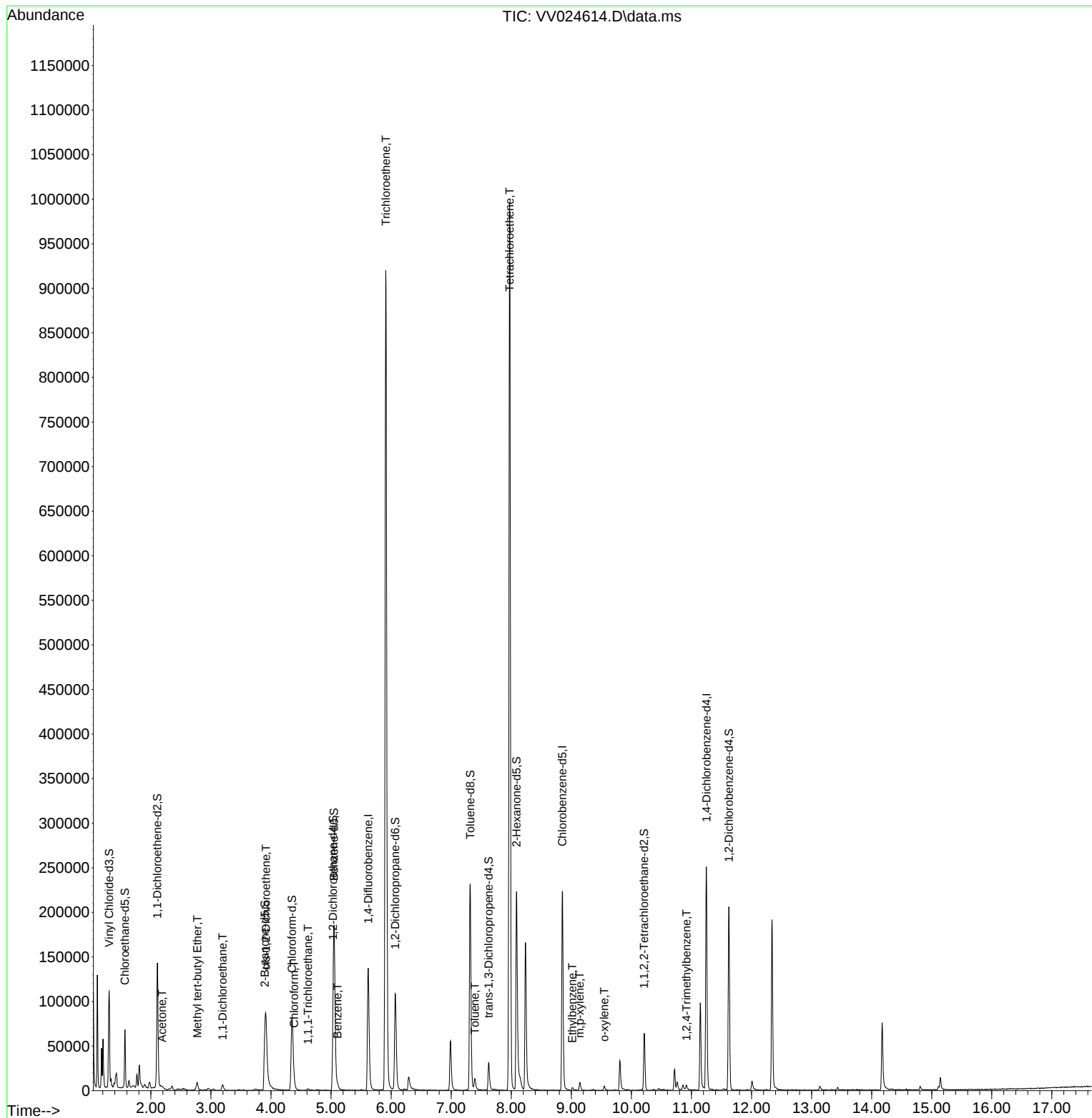
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	118889	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	118966	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	59327	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	41003	4.114	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.200%
7) Chloroethane-d5	1.568	69	39330	4.668	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.400%
11) 1,1-Dichloroethene-d2	2.108	63	68920	3.162	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.200%
20) 2-Butanone-d5	3.896	46	91802	55.490	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.980%
24) Chloroform-d	4.349	84	82740	4.717	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
26) 1,2-Dichloroethane-d4	5.034	65	40955	5.146	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.000%
32) Benzene-d6	5.050	84	168639	4.996	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
36) 1,2-Dichloropropane-d6	6.069	67	52391	4.990	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.800%
41) Toluene-d8	7.317	98	149922	4.762	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
43) trans-1,3-Dichloroprop...	7.625	79	18764	4.426	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.600%
46) 2-Hexanone-d5	8.088	63	78285	52.411	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.820%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	31636	5.061	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	47321	4.948	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.000%
Target Compounds						Qvalue
13) Acetone	2.188	43	5266	4.033	ug/L	81
17) Methyl tert-butyl Ether	2.773	73	7716	0.304	ug/L #	89
19) 1,1-Dichloroethane	3.195	63	6618	0.317	ug/L	98
22) cis-1,2-Dichloroethene	3.915	96	30222	2.479	ug/L	92
25) Chloroform	4.384	83	7139	0.327	ug/L	98
29) 1,1,1-Trichloroethane	4.616	97	1519	0.078	ug/L #	38
33) Benzene	5.108	78	4791	0.103	ug/L	100
34) Trichloroethene	5.912	95	315665	24.690	ug/L	89
42) Toluene	7.394	91	10395	0.206	ug/L	98
47) Tetrachloroethene	7.973	164	196296	23.143	ug/L	90
52) Ethylbenzene	9.018	91	2967	0.053	ug/L	97
53) m,p-xylene	9.140	106	2787	0.131	ug/L	99
54) o-xylene	9.548	106	1371	0.067	ug/L	97
63) 1,2,4-Trimethylbenzene	10.918	105	3129	0.068	ug/L	93

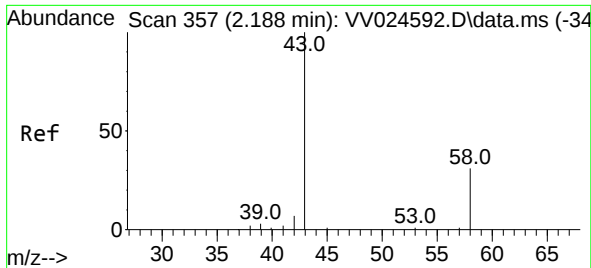
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 4.033 ug/L

RT: 2.188 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV024614.D

Acq: 11 Feb 2022 19:18

Instrument :

MSVOA_V

ClientSampleId :

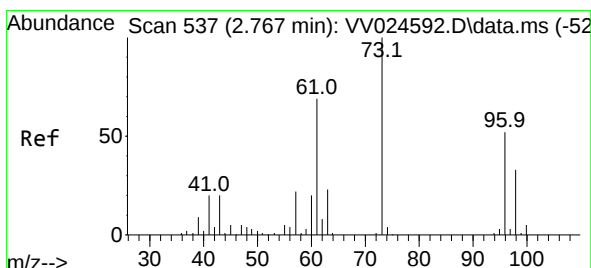
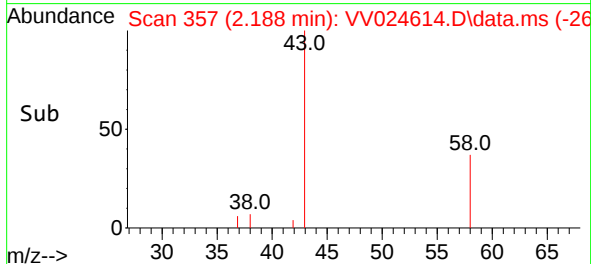
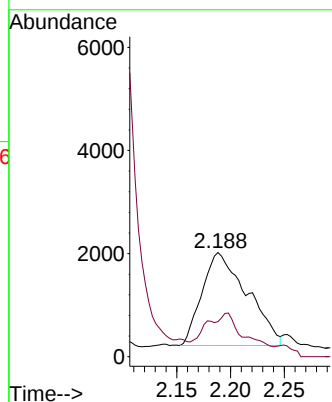
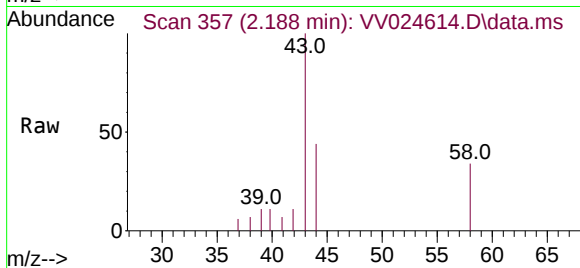
BFY00

Tgt Ion: 43 Resp: 5266

Ion Ratio Lower Upper

43 100

58 29.7 0.0 41.4



#17

Methyl tert-butyl Ether

Concen: 0.304 ug/L

RT: 2.773 min Scan# 539

Delta R.T. 0.007 min

Lab File: VV024614.D

Acq: 11 Feb 2022 19:18

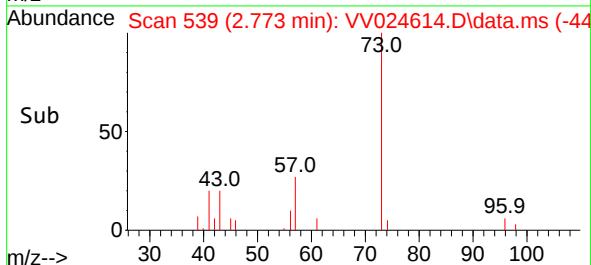
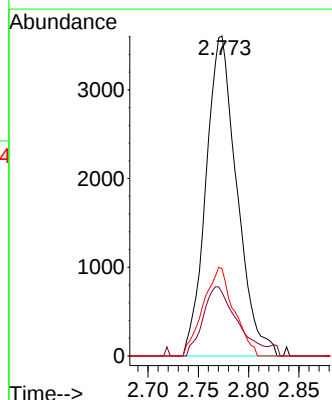
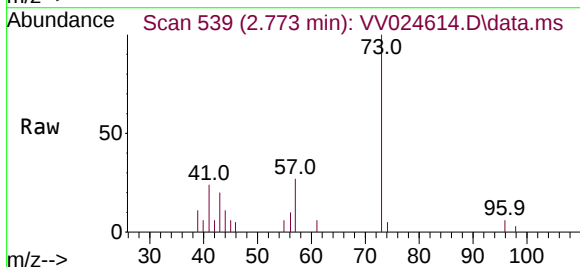
Tgt Ion: 73 Resp: 7716

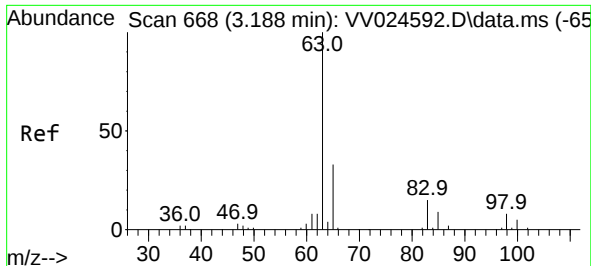
Ion Ratio Lower Upper

73 100

43 23.8 15.5 23.3#

57 27.4 17.1 25.7#





#19

1,1-Dichloroethane

Concen: 0.317 ug/L

RT: 3.195 min Scan# 61

Delta R.T. 0.007 min

Lab File: VV024614.D

Acq: 11 Feb 2022 19:18

Instrument :

MSVOA_V

ClientSampleId :

BFY00

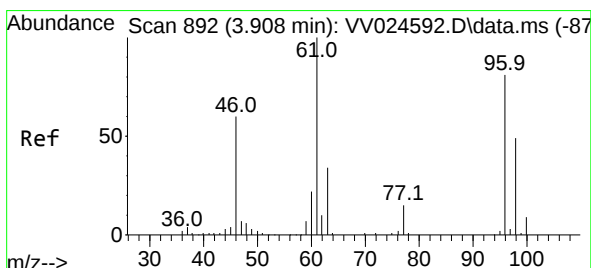
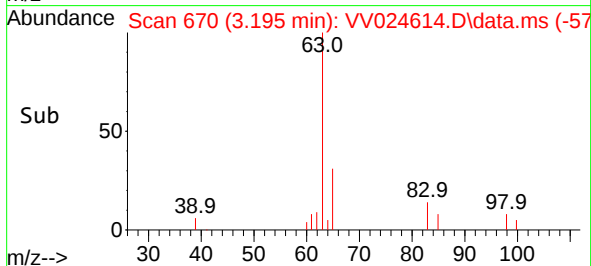
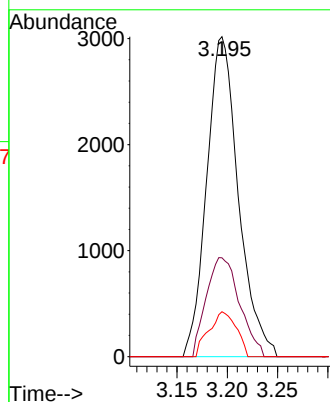
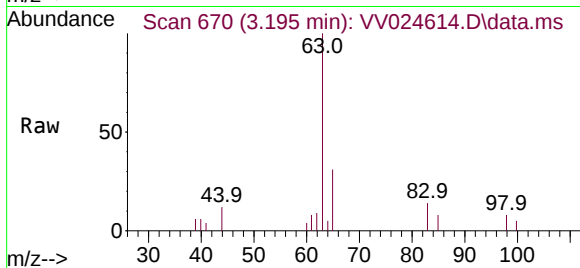
Tgt Ion: 63 Resp: 6618

Ion Ratio Lower Upper

63 100

65 30.9 22.3 41.3

83 14.0 10.7 19.9



#22

cis-1,2-Dichloroethene

Concen: 2.479 ug/L

RT: 3.915 min Scan# 894

Delta R.T. 0.007 min

Lab File: VV024614.D

Acq: 11 Feb 2022 19:18

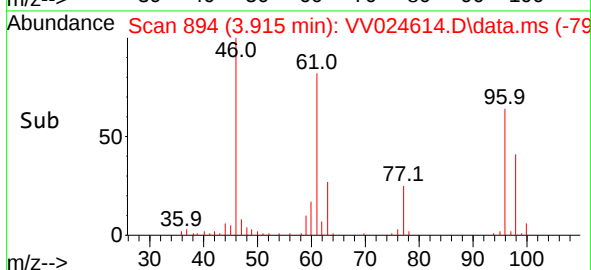
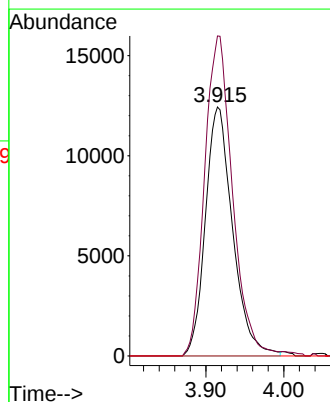
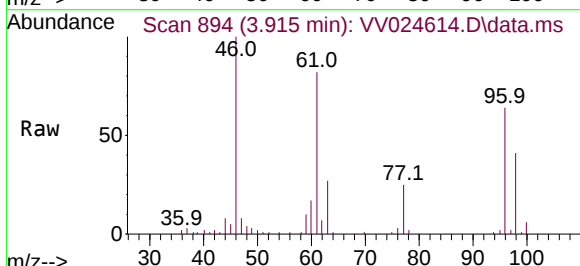
Tgt Ion: 96 Resp: 30222

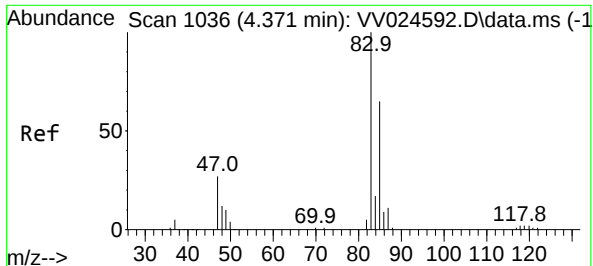
Ion Ratio Lower Upper

96 100

61 128.5 83.4 154.8

68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.327 ug/L

RT: 4.384 min Scan# 1109

Delta R.T. 0.013 min

Lab File: VV024614.D

Acq: 11 Feb 2022 19:18

Instrument :

MSVOA_V

ClientSampleId :

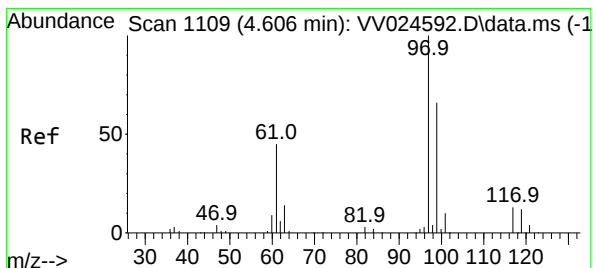
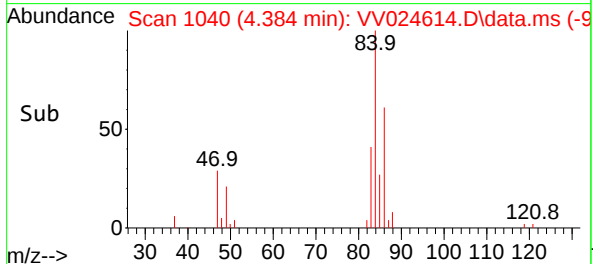
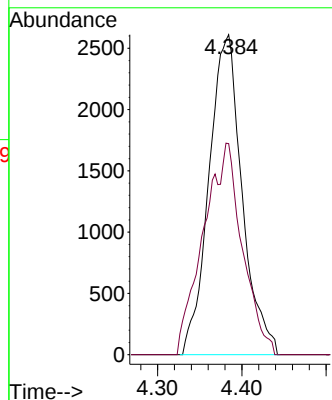
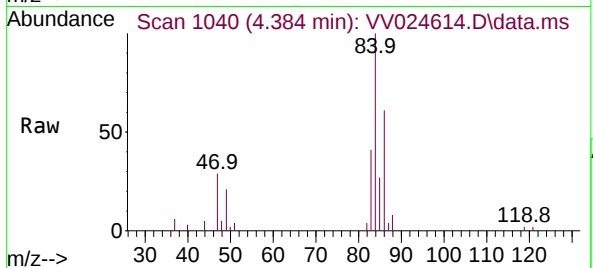
BFY00

Tgt Ion: 83 Resp: 7139

Ion Ratio Lower Upper

83 100

85 66.0 45.2 84.0



#29

1,1,1-Trichloroethane

Concen: 0.078 ug/L

RT: 4.616 min Scan# 1112

Delta R.T. 0.010 min

Lab File: VV024614.D

Acq: 11 Feb 2022 19:18

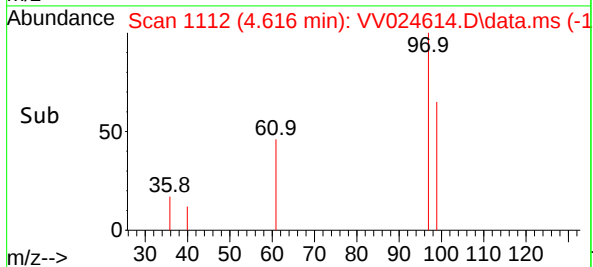
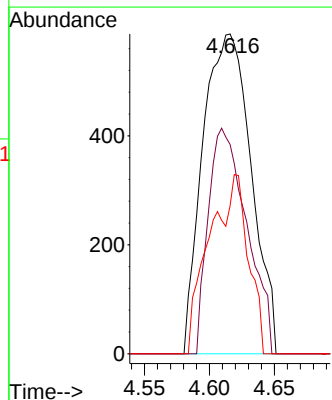
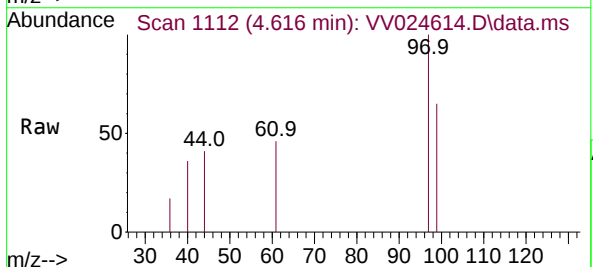
Tgt Ion: 97 Resp: 1519

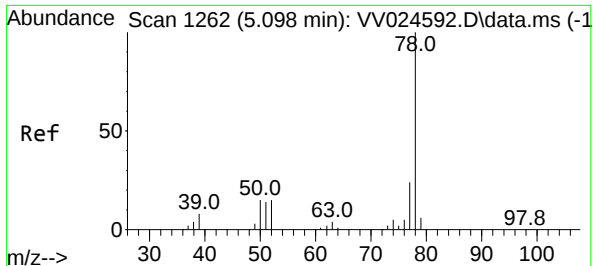
Ion Ratio Lower Upper

97 100

99 0.0 51.9 77.9#

61 22.3 33.2 49.8#

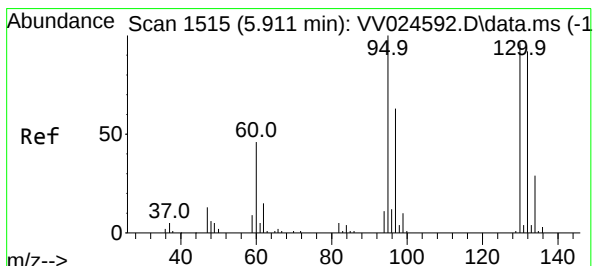
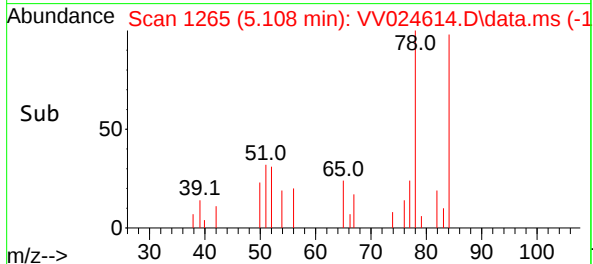
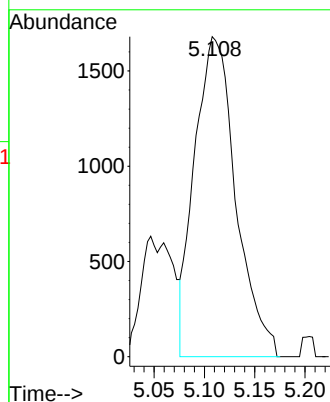
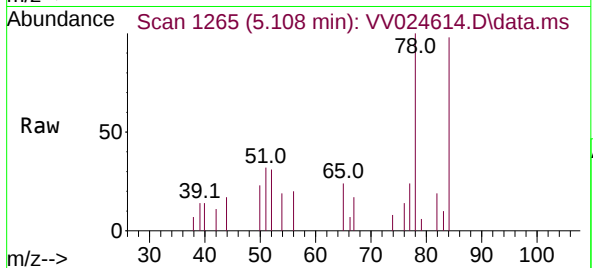




#33
Benzene
Concen: 0.103 ug/L
RT: 5.108 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV024614.D
Acq: 11 Feb 2022 19:18

Instrument :
MSVOA_V
ClientSampleId :
BFY00

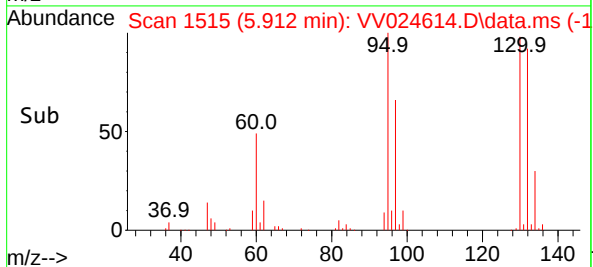
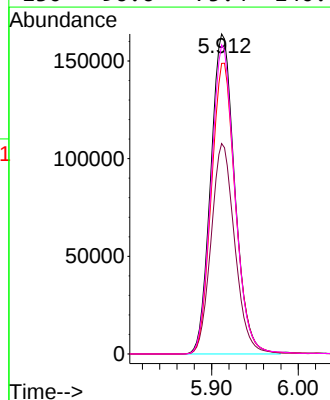
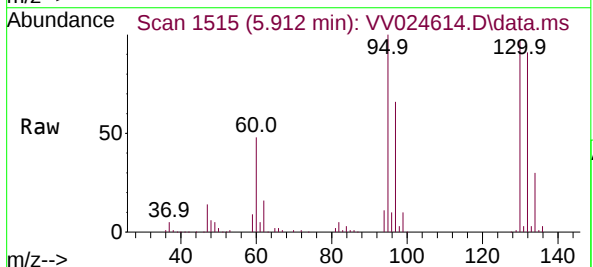
Tgt Ion: 78 Resp: 4791

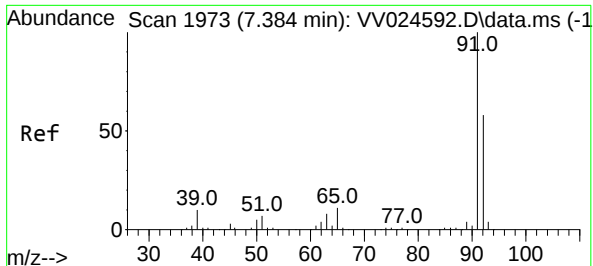


#34
Trichloroethene
Concen: 24.690 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VV024614.D
Acq: 11 Feb 2022 19:18

Tgt Ion: 95 Resp: 315665

Ion	Ratio	Lower	Upper
95	100		
97	65.8	45.2	84.0
132	90.8	76.1	141.3
130	96.6	75.4	140.0

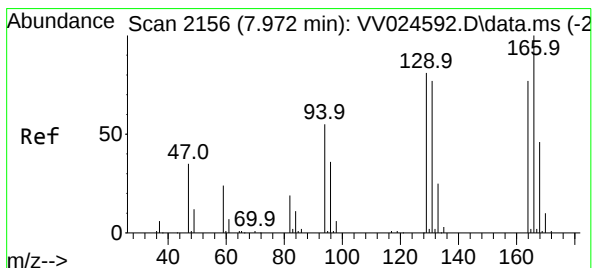
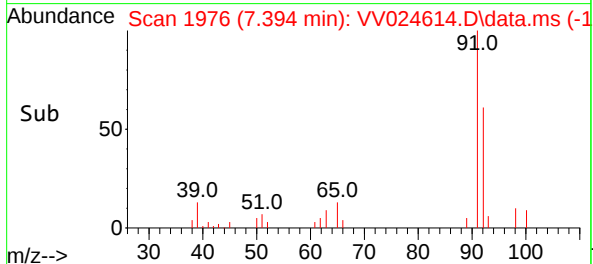
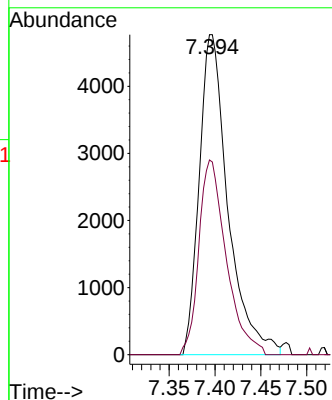
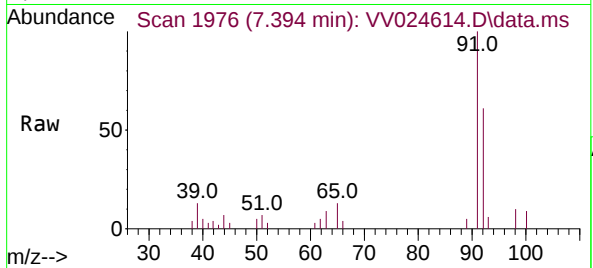




#42
Toluene
Concen: 0.206 ug/L
RT: 7.394 min Scan# 1973
Delta R.T. 0.010 min
Lab File: VV024614.D
Acq: 11 Feb 2022 19:18

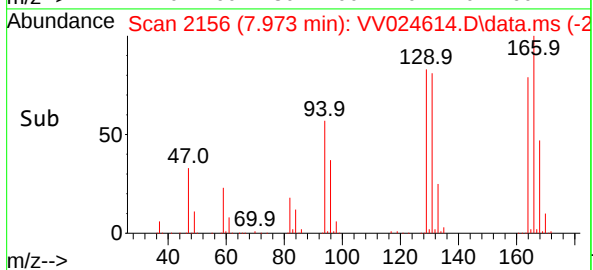
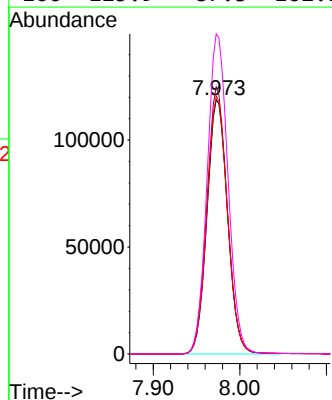
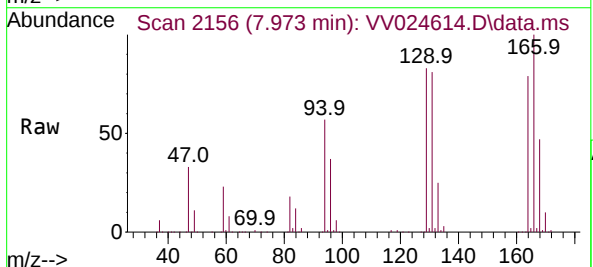
Instrument :
MSVOA_V
ClientSampleId :
BFY00

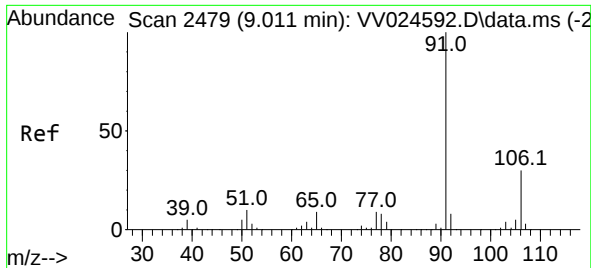
Tgt Ion: 91 Resp: 10395
Ion Ratio Lower Upper
91 100
92 60.9 41.5 77.1



#47
Tetrachloroethene
Concen: 23.143 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.000 min
Lab File: VV024614.D
Acq: 11 Feb 2022 19:18

Tgt Ion: 164 Resp: 196296
Ion Ratio Lower Upper
164 100
129 105.1 62.6 116.2
131 101.4 61.0 113.4
166 125.9 87.3 162.1

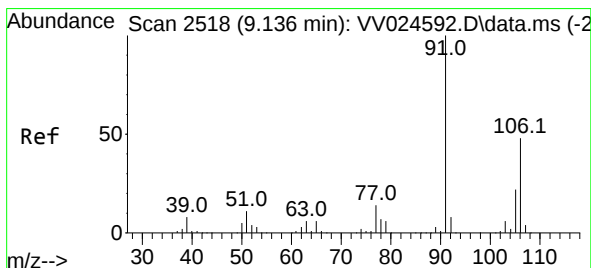
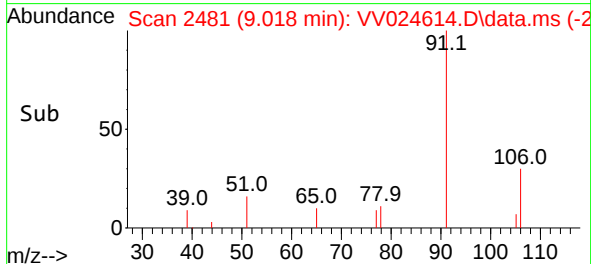
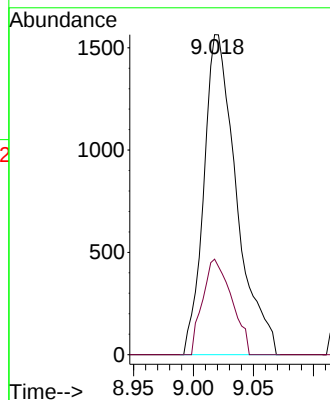
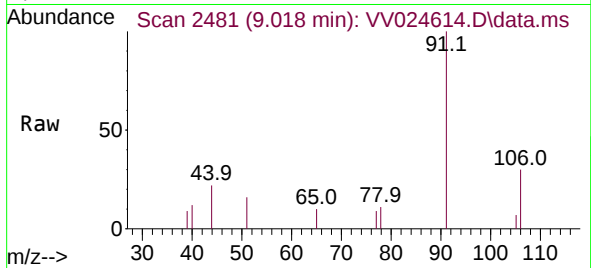




#52
Ethylbenzene
Concen: 0.053 ug/L
RT: 9.018 min Scan# 2479
Delta R.T. 0.007 min
Lab File: VV024614.D
Acq: 11 Feb 2022 19:18

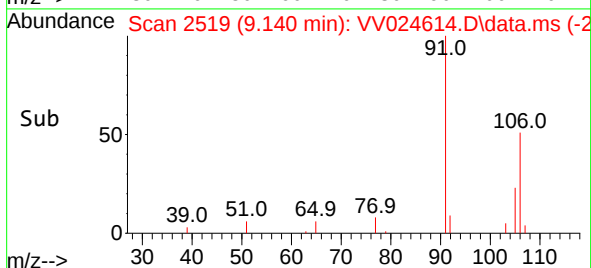
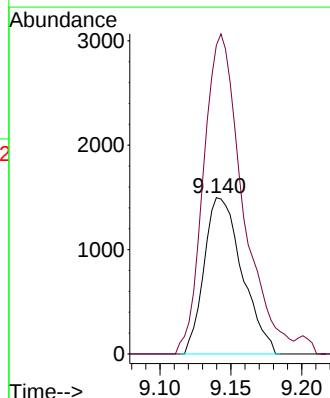
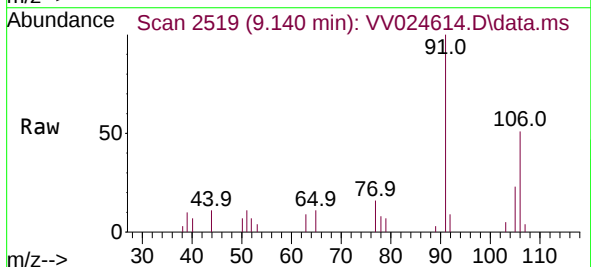
Instrument :
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ClientSampleId :
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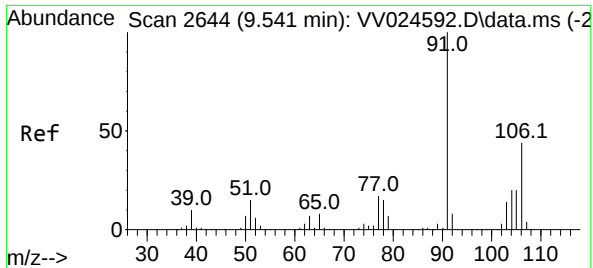
Tgt Ion: 91 Resp: 2967
Ion Ratio Lower Upper
91 100
106 29.9 22.0 41.0



#53
m,p-xylene
Concen: 0.131 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV024614.D
Acq: 11 Feb 2022 19:18

Tgt Ion: 106 Resp: 2787
Ion Ratio Lower Upper
106 100
91 197.5 139.5 259.1

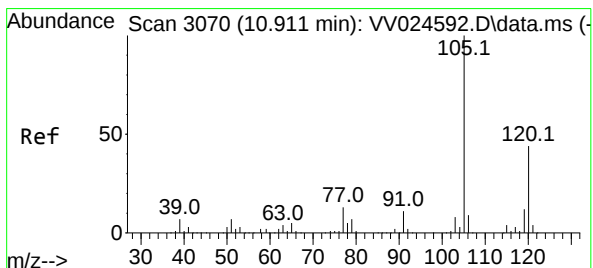
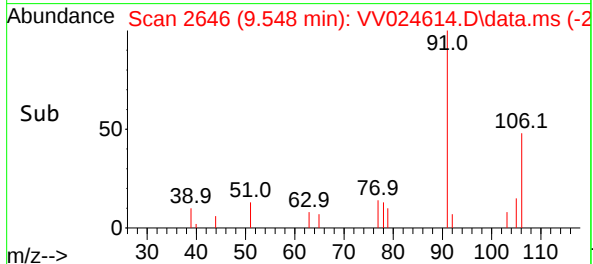
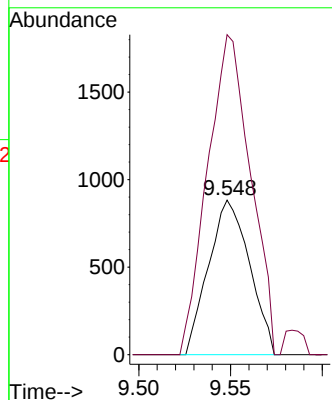
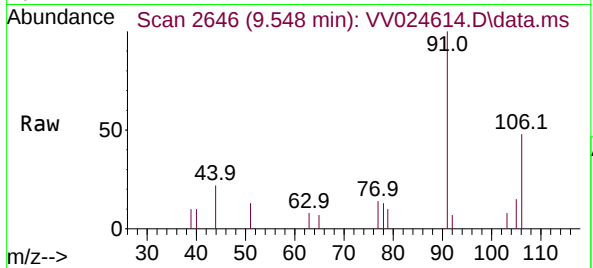




#54
o-xylene
Concen: 0.067 ug/L
RT: 9.548 min Scan# 20
Delta R.T. 0.007 min
Lab File: VV024614.D
Acq: 11 Feb 2022 19:18

Instrument :
MSVOA_V
ClientSampleId :
BFY00

Tgt Ion:106 Resp: 1371
Ion Ratio Lower Upper
106 100
91 207.0 147.9 274.7



#63
1,2,4-Trimethylbenzene
Concen: 0.068 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.007 min
Lab File: VV024614.D
Acq: 11 Feb 2022 19:18

Tgt Ion:105 Resp: 3129
Ion Ratio Lower Upper
105 100
120 41.5 36.7 55.1

